

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041723\  
 Data File : BF132887.D  
 Acq On : 17 Apr 2023 14:02  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023  
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:41:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 04:30:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 307165   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.051  | 136  | 1202966  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 619274   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 1086191  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.921 | 240  | 738940   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.351 | 264  | 733365   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 845272   | 43.030 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.386  | 99   | 1087581  | 43.388 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 981989   | 42.550 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.586 | 330  | 258393   | 41.600 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.127  | 172  | 1785644  | 44.296 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.874 | 244  | 1835522  | 42.379 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.451  | 88   | 201496   | 21.021 | ng    | 99       |
| 3) Pyridine                   | 3.163  | 79   | 540927   | 20.634 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.104  | 42   | 259285   | 20.816 | ng    | 99       |
| 6) Aniline                    | 6.428  | 93   | 701841   | 21.113 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.545  | 128  | 428379   | 21.496 | ng    | 98       |
| 9) Benzaldehyde               | 6.310  | 77   | 345142   | 23.271 | ng    | 96       |
| 10) Phenol                    | 6.398  | 94   | 609703m  | 21.626 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.498  | 93   | 453146   | 21.289 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 470372   | 21.474 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 472218   | 21.515 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.939  | 146  | 447715   | 21.847 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.904  | 79   | 371944   | 21.651 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 790864   | 21.473 | ng    | 99       |
| 17) 2-Methylphenol            | 7.016  | 107  | 387479   | 21.228 | ng    | 98       |
| 18) Hexachloroethane          | 7.281  | 117  | 161908   | 21.256 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.181  | 70   | 329725   | 21.074 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.169  | 107  | 485925   | 22.523 | ng    | 92       |
| 22) Acetophenone              | 7.175  | 105  | 613643   | 21.745 | ng    | # 97     |
| 24) Nitrobenzene              | 7.345  | 77   | 504068   | 21.309 | ng    | 98       |
| 25) Isophorone                | 7.586  | 82   | 899614   | 20.550 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 179334   | 20.096 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 385197   | 21.161 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.804  | 93   | 556831   | 21.275 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 360028   | 21.249 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.992  | 180  | 392537   | 21.457 | ng    | 99       |
| 31) Naphthalene               | 8.075  | 128  | 1324356  | 21.786 | ng    | 98       |
| 32) Benzoic acid              | 7.792  | 122  | 156590m  | 17.244 | ng    |          |
| 33) 4-Chloroaniline           | 8.116  | 127  | 534678   | 21.475 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.192  | 225  | 222356   | 21.246 | ng    | 98       |
| 35) Caprolactam               | 8.475  | 113  | 103729   | 20.558 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.592  | 107  | 375954   | 21.140 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.763  | 142  | 910023   | 21.749 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.863  | 142  | 847604   | 21.741 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.928  | 216  | 371041   | 21.183 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 186335   | 20.183 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 232299   | 20.921 | ng    | 97       |

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Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023  
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:41:19 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 18 04:30:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 276672   | 21.309 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.227  | 154  | 1073969  | 21.876 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 779488   | 21.456 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.339  | 65   | 214890   | 20.447 | ng    | 98       |
| 49) Acenaphthylene            | 9.663  | 152  | 1255808  | 21.673 | ng    | 99       |
| 50) Dimethylphthalate         | 9.527  | 163  | 912529   | 21.314 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 196558   | 20.939 | ng    | 99       |
| 52) Acenaphthene              | 9.839  | 154  | 805252   | 21.566 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.751  | 138  | 223956   | 20.966 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.851  | 184  | 63961    | 17.491 | ng    | # 89     |
| 55) Dibenzofuran              | 10.010 | 168  | 1147033  | 21.652 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.898  | 139  | 166457   | 20.978 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 9.986  | 165  | 243630   | 21.029 | ng    | 94       |
| 58) Fluorene                  | 10.351 | 166  | 843743   | 21.742 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.122 | 232  | 210868   | 20.926 | ng    | 98       |
| 60) Diethylphthalate          | 10.227 | 149  | 855628   | 21.387 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 428076   | 21.688 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.363 | 138  | 216197   | 21.057 | ng    | 99       |
| 63) Azobenzene                | 10.504 | 77   | 971164   | 21.731 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.392 | 198  | 97453    | 18.734 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.463 | 169  | 745252   | 21.067 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.833 | 248  | 261025   | 21.045 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 268473   | 20.864 | ng    | # 90     |
| 69) Atrazine                  | 10.986 | 200  | 210995   | 21.339 | ng    | 99       |
| 70) Pentachlorophenol         | 11.086 | 266  | 169631   | 20.428 | ng    | 97       |
| 71) Phenanthrene              | 11.310 | 178  | 1248598  | 21.371 | ng    | 100      |
| 72) Anthracene                | 11.363 | 178  | 1288919  | 21.551 | ng    | 99       |
| 73) Carbazole                 | 11.516 | 167  | 1114917  | 21.544 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 1175493  | 21.189 | ng    | 98       |
| 75) Fluoranthene              | 12.498 | 202  | 1241856  | 21.374 | ng    | 96       |
| 77) Benzidine                 | 12.616 | 184  | 231008   | 20.069 | ng    | 99       |
| 78) Pyrene                    | 12.721 | 202  | 1267241  | 20.973 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.351 | 149  | 222791   | 18.779 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.910 | 228  | 1060044  | 21.094 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.874 | 252  | 261205   | 21.488 | ng    | 96       |
| 83) Chrysene                  | 13.945 | 228  | 1039368  | 20.809 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.915 | 149  | 385246   | 20.156 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 635052   | 19.637 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.745 | 276  | 877642   | 20.944 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.939 | 252  | 986948   | 21.605 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.968 | 252  | 905579   | 19.900 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.292 | 252  | 861276   | 20.637 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.762 | 278  | 756568   | 21.189 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.162 | 276  | 712473   | 20.841 | ng    | 99       |

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

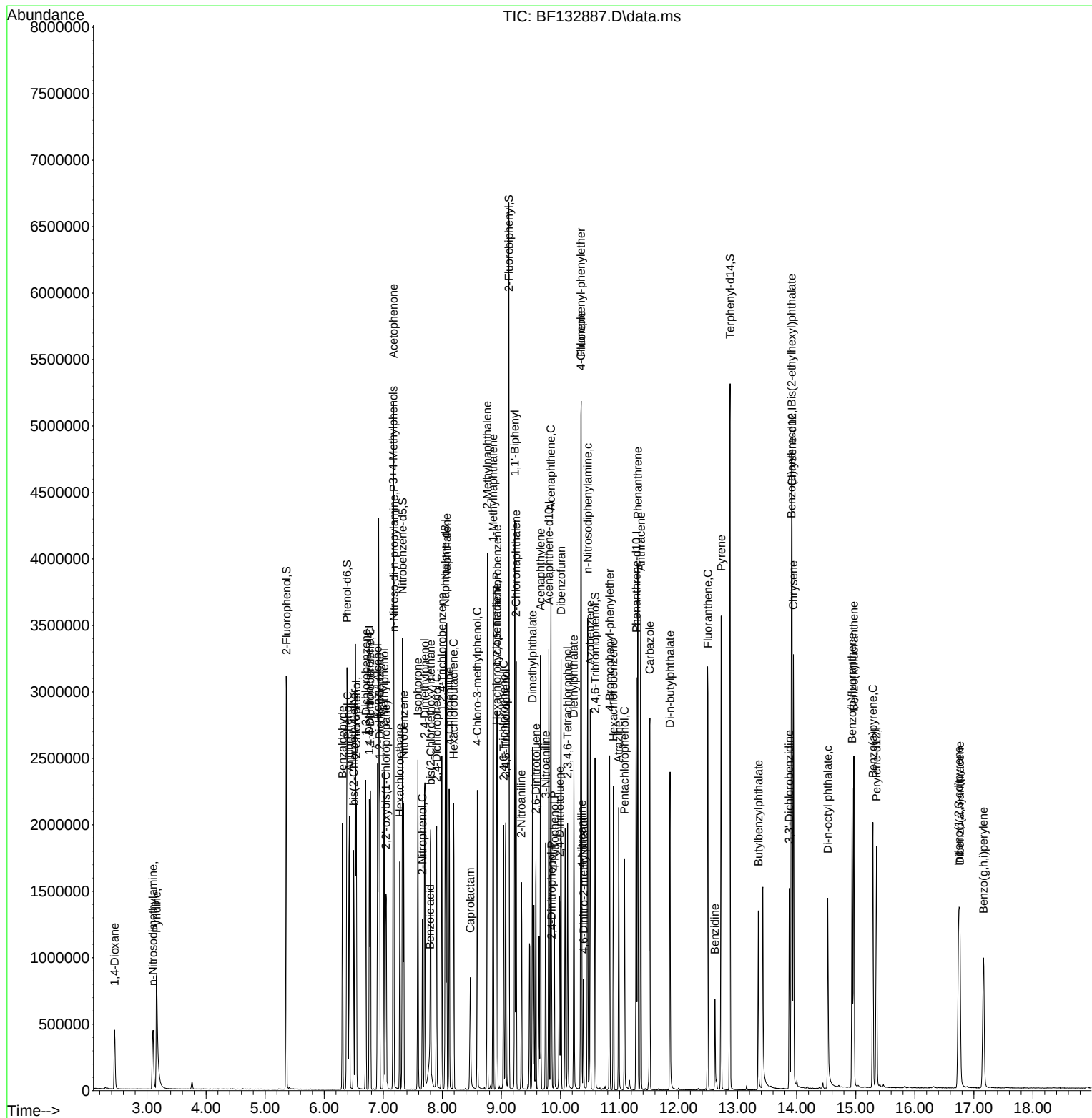
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041723\  
Data File : BF132887.D  
Acq On : 17 Apr 2023 14:02  
Operator : CG\JU  
Sample : SSTDICC020  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

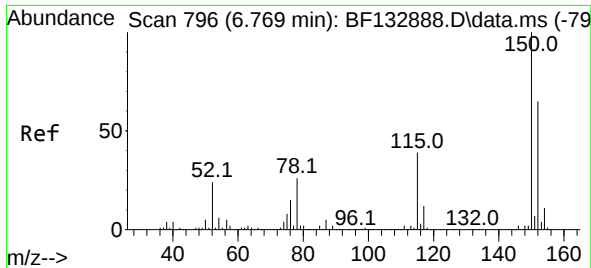
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Quant Time: Apr 18 04:41:19 2023  
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Manual Integrations  
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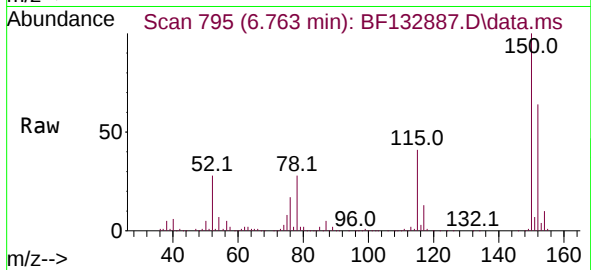
Reviewed By : Christian Giraldo 04/18/2023  
Supervised By : Jagrut Upadhyay 04/18/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.763 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

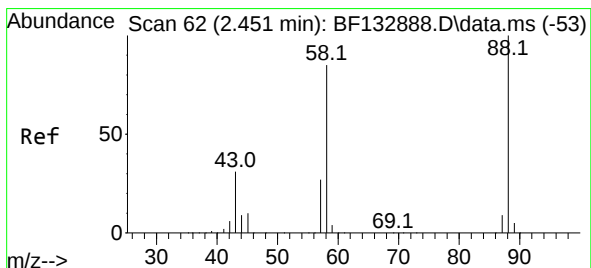
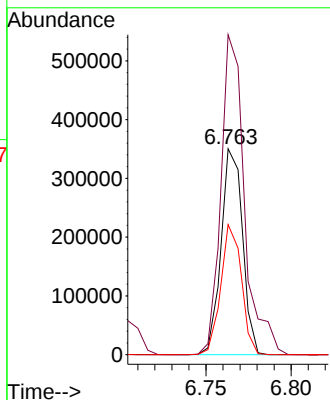
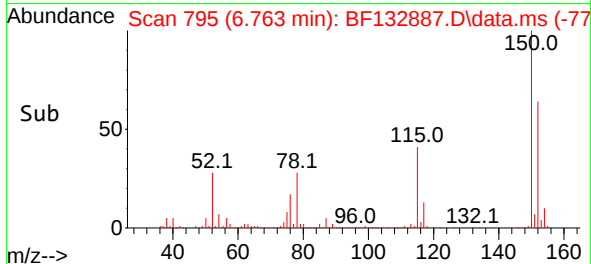
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 30716  
Ion Ratio Lower Upper  
152 100  
150 155.3 122.8 184.2  
115 63.2 47.3 70.9

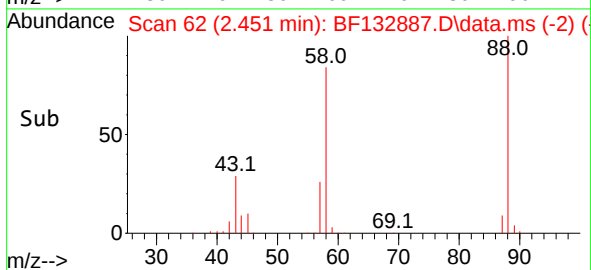
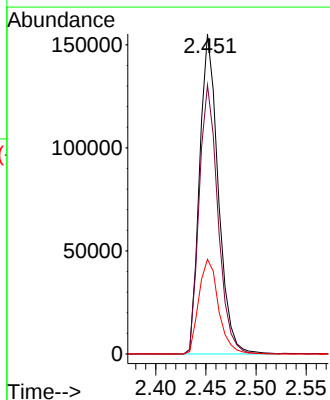
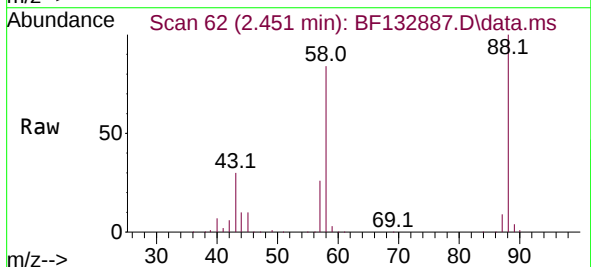
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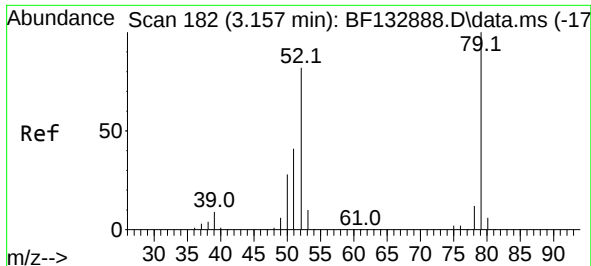
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#2  
1,4-Dioxane  
Concen: 21.021 ng  
RT: 2.451 min Scan# 62  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

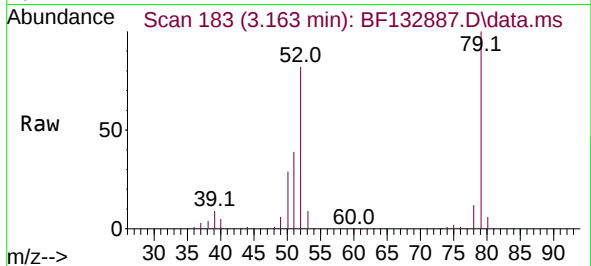
Tgt Ion: 88 Resp: 201496  
Ion Ratio Lower Upper  
88 100  
58 84.2 67.8 101.6  
43 31.2 25.4 38.0





#3  
Pyridine  
Concen: 20.634 ng  
RT: 3.163 min Scan# 173  
Delta R.T. 0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

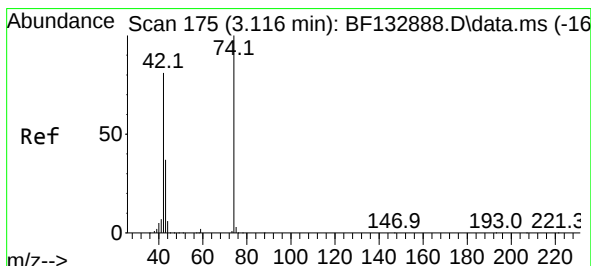
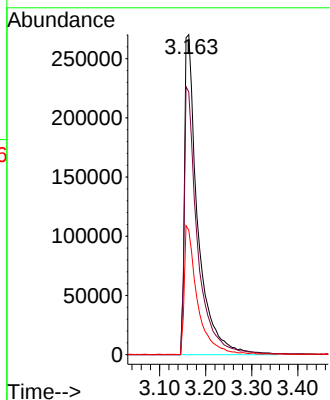
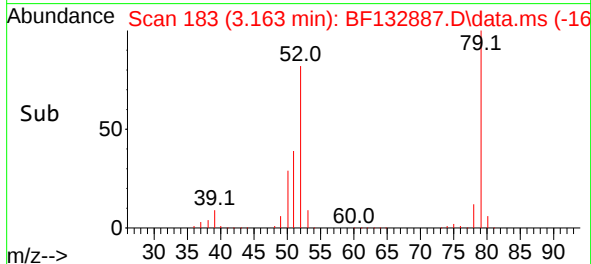
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 79 Resp: 54092  
Ion Ratio Lower Upper  
79 100  
52 82.1 65.4 98.0  
51 38.9 32.6 48.8

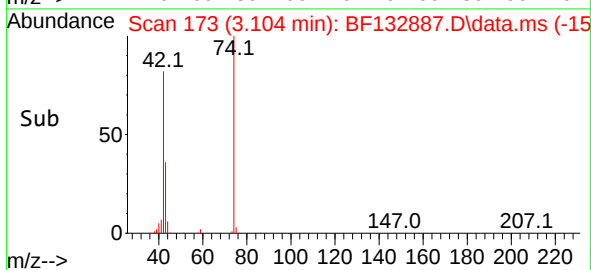
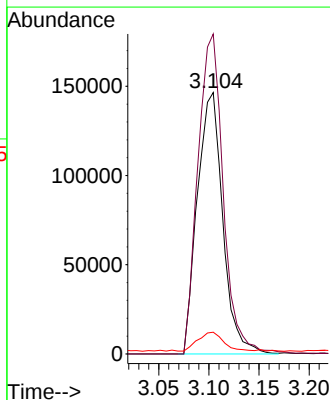
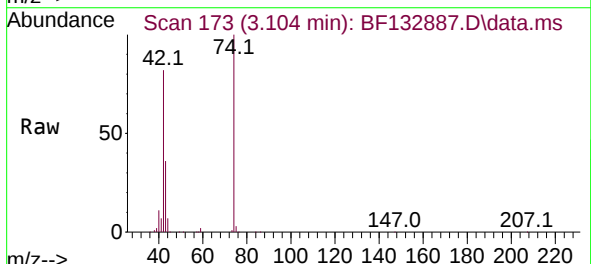
Manual Integrations  
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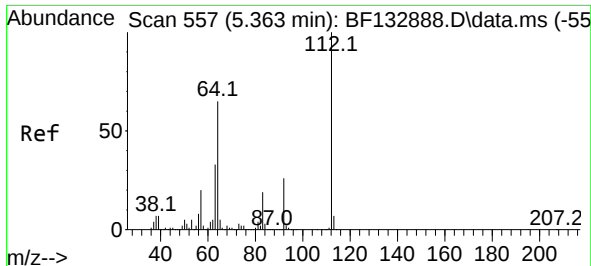
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#4  
n-Nitrosodimethylamine  
Concen: 20.816 ng  
RT: 3.104 min Scan# 173  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion: 42 Resp: 259285  
Ion Ratio Lower Upper  
42 100  
74 122.4 98.4 147.6  
44 8.3 6.1 9.1





#5  
2-Fluorophenol  
Concen: 43.030 ng  
RT: 5.363 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

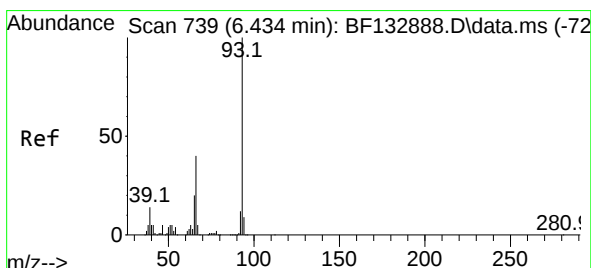
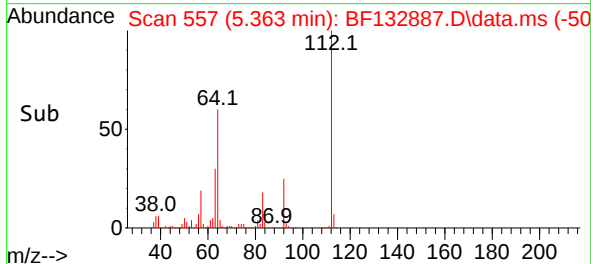
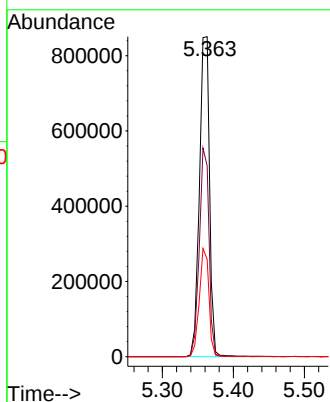
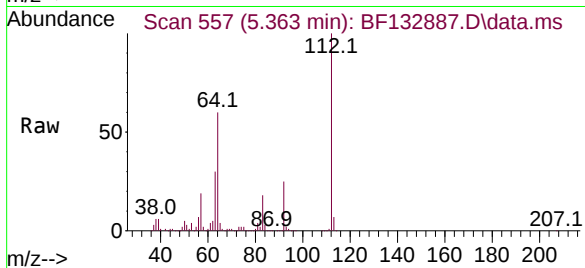
SSTDICC020

Tgt Ion: 112 Resp: 845272  
Ion Ratio Lower Upper  
112 100  
64 59.7 51.8 77.8  
63 30.4 26.3 39.5

Manual Integrations

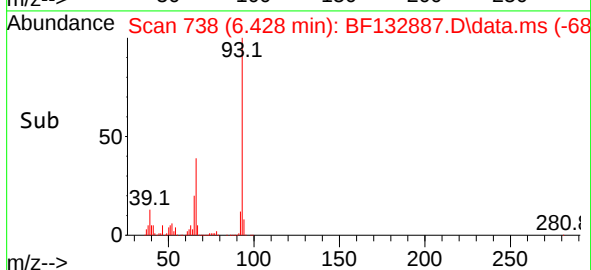
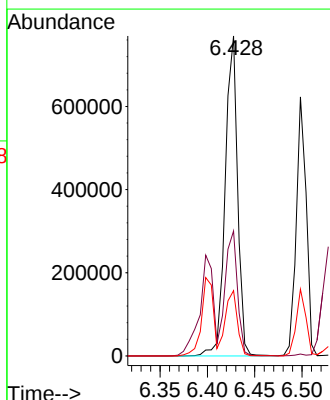
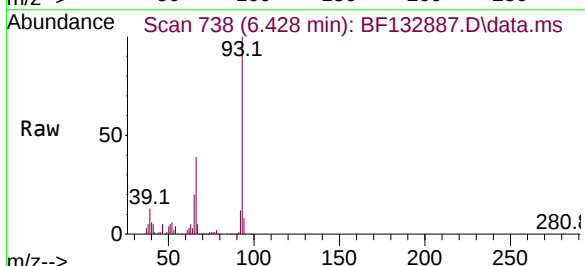
APPROVED

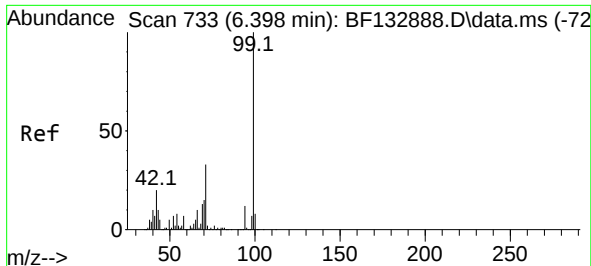
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#6  
Aniline  
Concen: 21.113 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

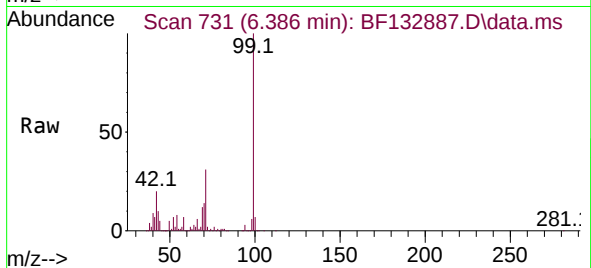
Tgt Ion: 93 Resp: 701841  
Ion Ratio Lower Upper  
93 100  
66 39.1 31.8 47.6  
65 20.4 16.3 24.5





#7  
Phenol-d6  
Concen: 43.388 ng  
RT: 6.386 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

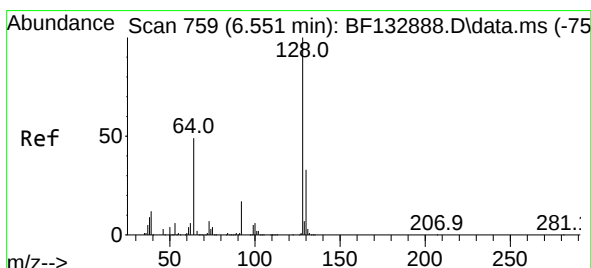
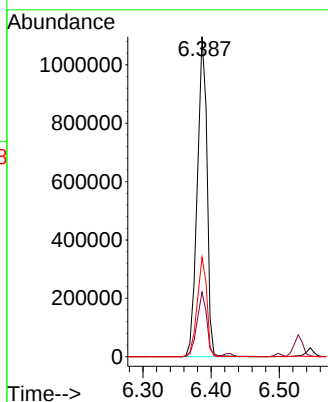
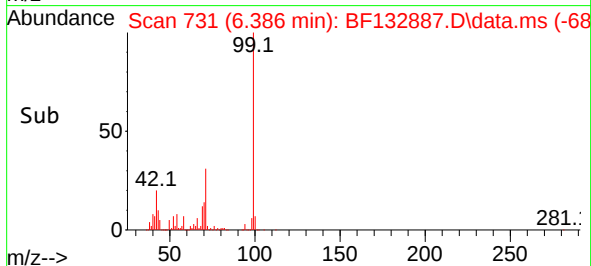
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 99 Resp: 108758  
Ion Ratio Lower Upper  
99 100  
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71 31.1 26.1 39.1

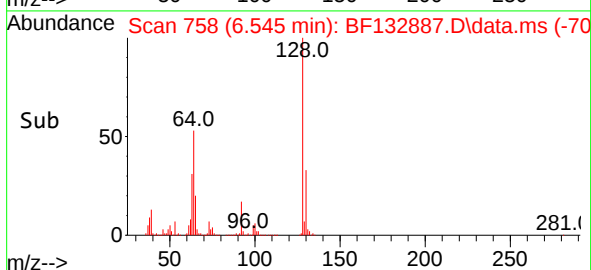
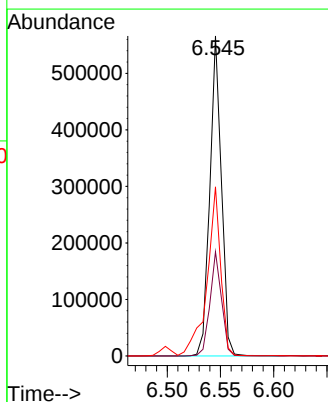
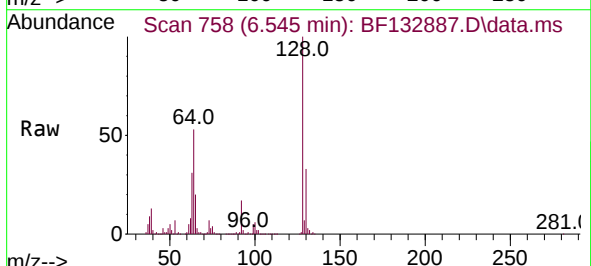
Manual Integrations  
APPROVED

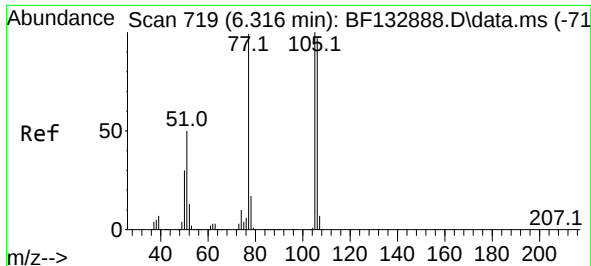
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#8  
2-Chlorophenol  
Concen: 21.496 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

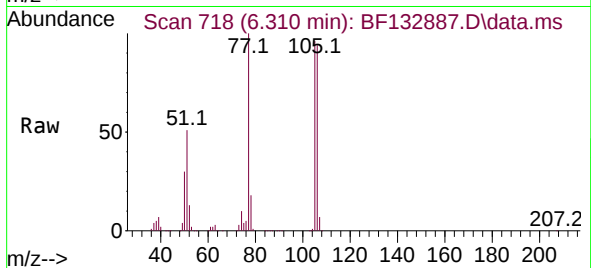
Tgt Ion:128 Resp: 428379  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.2 53.2  
64 52.8 30.9 70.9





#9  
Benzaldehyde  
Concen: 23.271 ng  
RT: 6.310 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

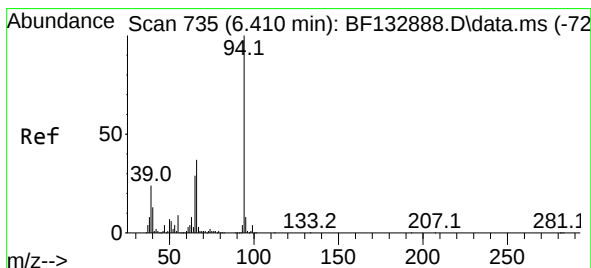
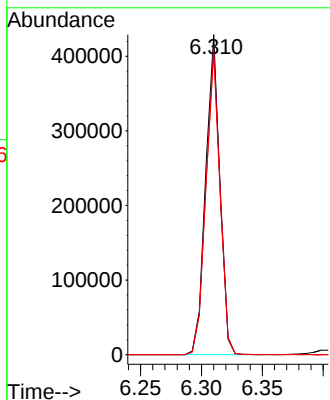
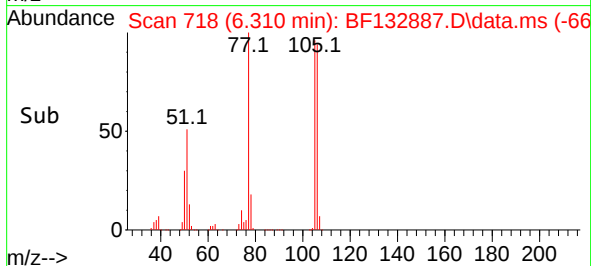
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 34514  
Ion Ratio Lower Upper  
77 100  
105 96.4 80.8 120.8  
106 94.0 77.9 117.9

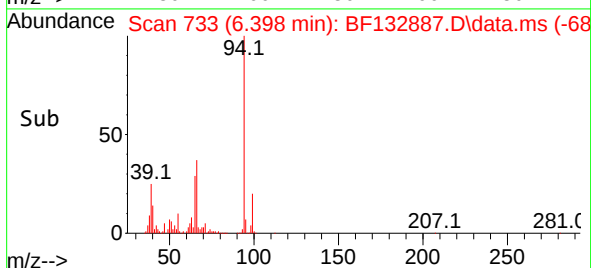
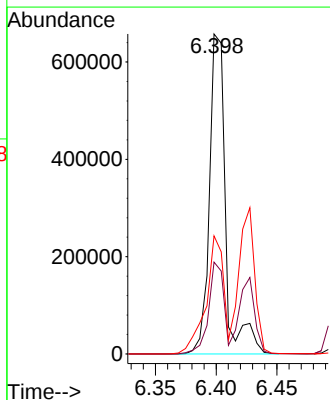
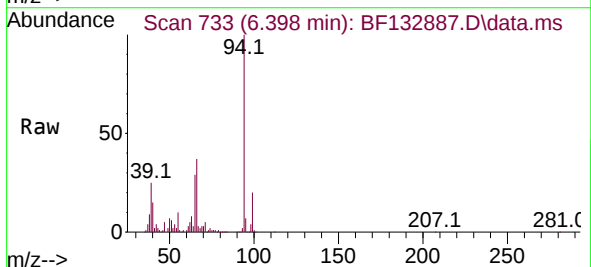
Manual Integrations  
APPROVED

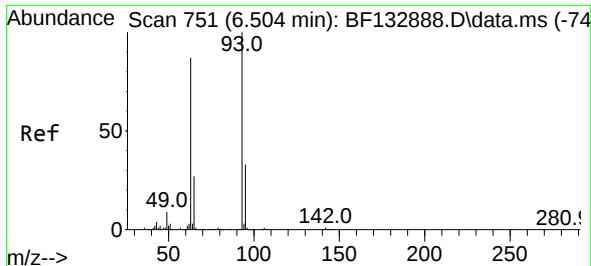
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#10  
Phenol  
Concen: 21.626 ng m  
RT: 6.398 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

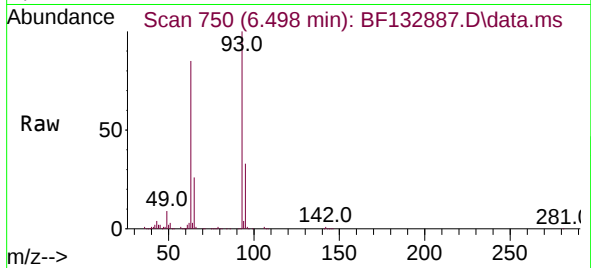
Tgt Ion: 94 Resp: 609703  
Ion Ratio Lower Upper  
94 100  
65 28.7 9.0 49.0  
66 36.9 17.1 57.1





#11  
bis(2-Chloroethyl)ether  
Concen: 21.289 ng  
RT: 6.498 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

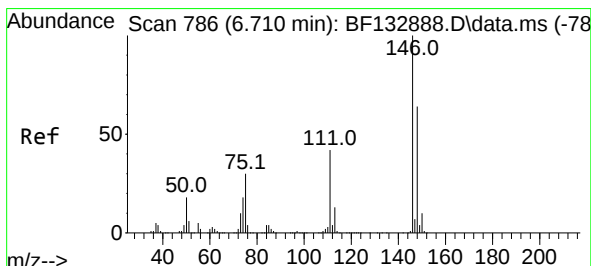
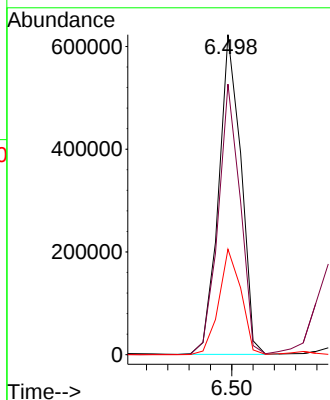
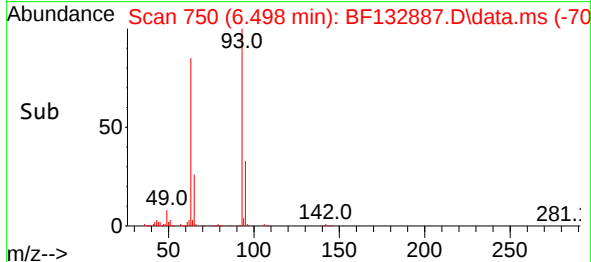
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



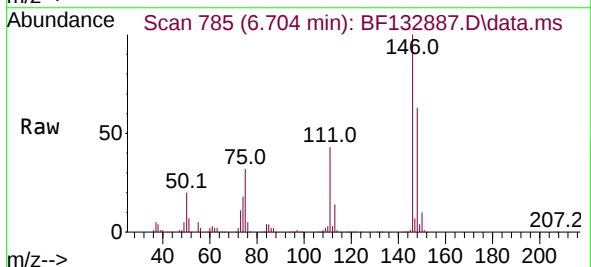
Tgt Ion: 93 Resp: 453140  
Ion Ratio Lower Upper  
93 100  
63 84.5 66.7 106.7  
95 32.9 12.8 52.8

Manual Integrations  
APPROVED

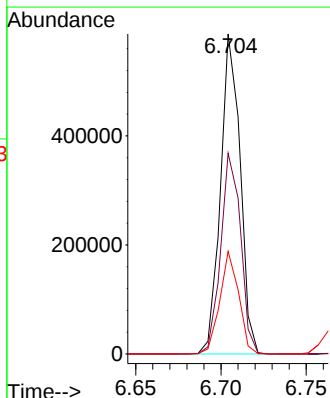
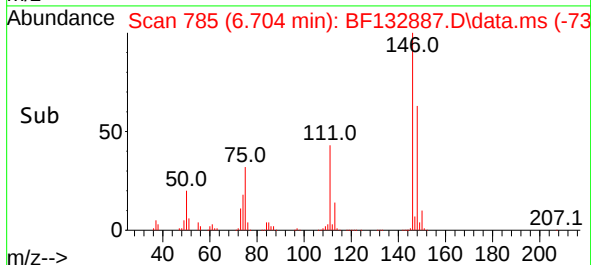
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

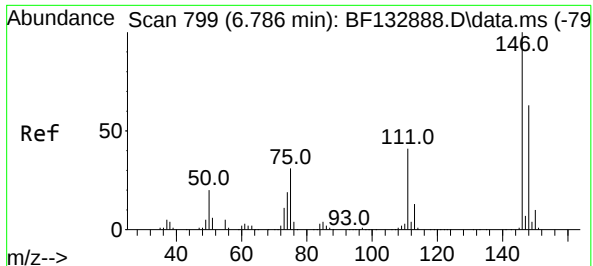


#12  
1,3-Dichlorobenzene  
Concen: 21.474 ng  
RT: 6.704 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:146 Resp: 470372  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.1 76.7  
75 32.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 21.515 ng

RT: 6.781 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 472218

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

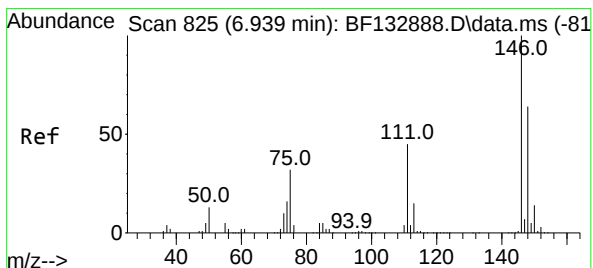
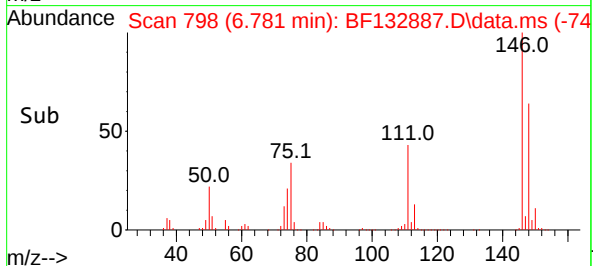
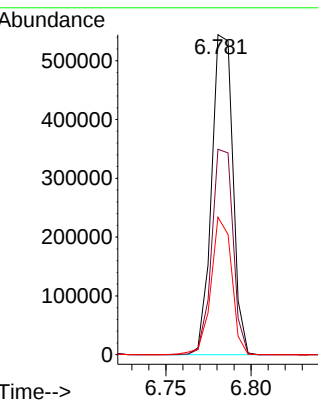
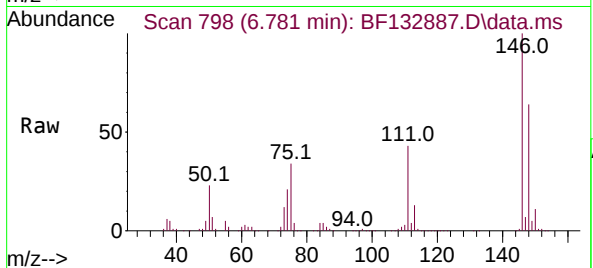
111 43.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#14

1,2-Dichlorobenzene

Concen: 21.847 ng

RT: 6.939 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

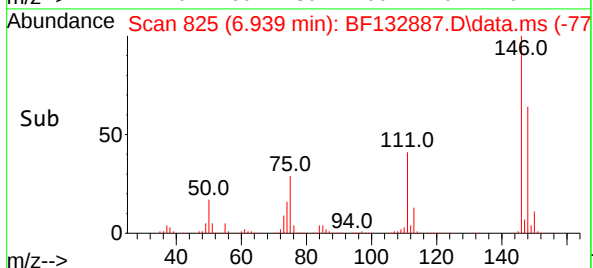
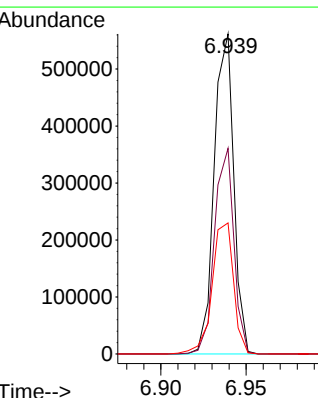
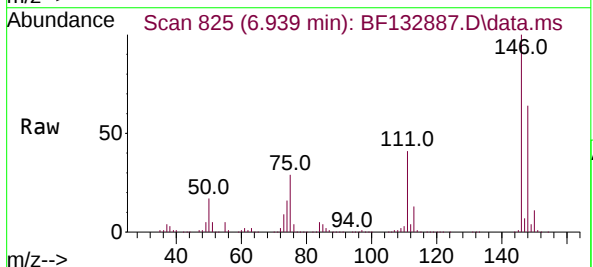
Tgt Ion:146 Resp: 447715

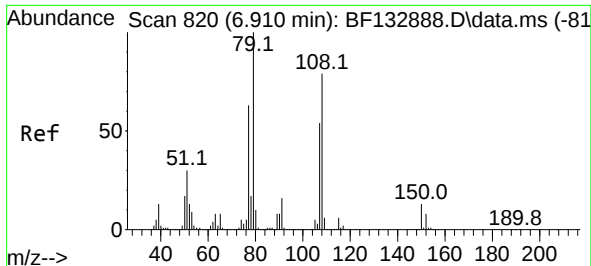
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

111 41.0 36.0 54.0





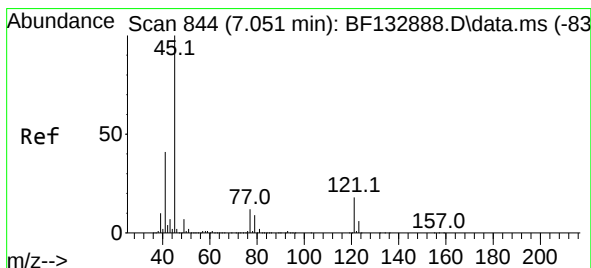
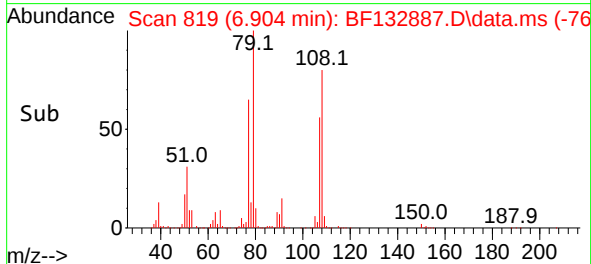
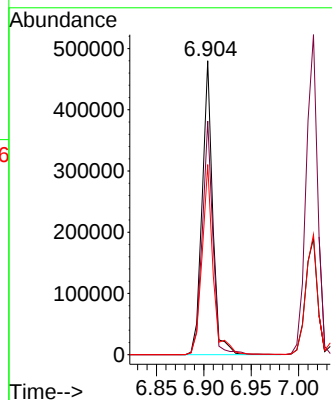
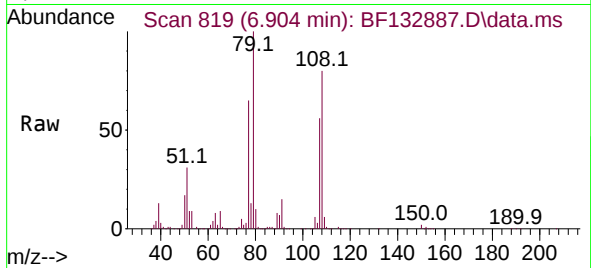
#15  
Benzyl Alcohol  
Concen: 21.651 ng  
RT: 6.904 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 79 Resp: 371944  
Ion Ratio Lower Upper  
79 100  
108 79.5 63.0 94.6  
77 64.7 50.4 75.6

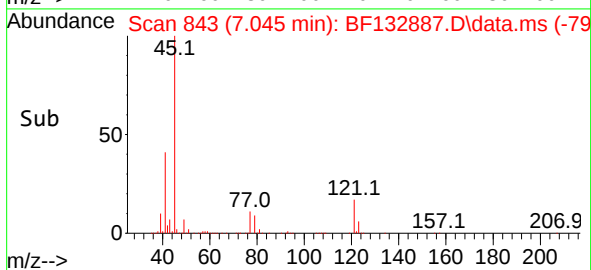
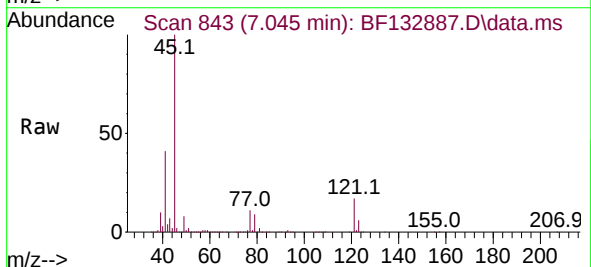
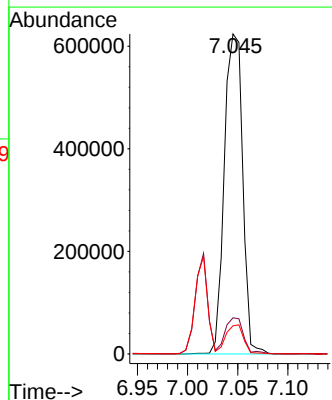
Manual Integrations  
APPROVED

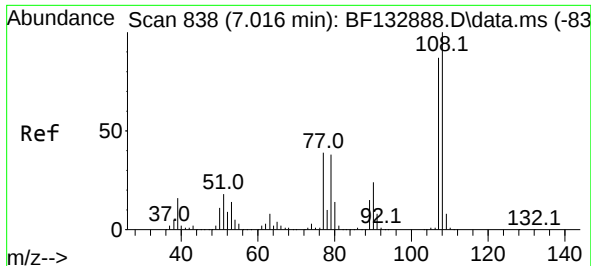
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.473 ng  
RT: 7.045 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

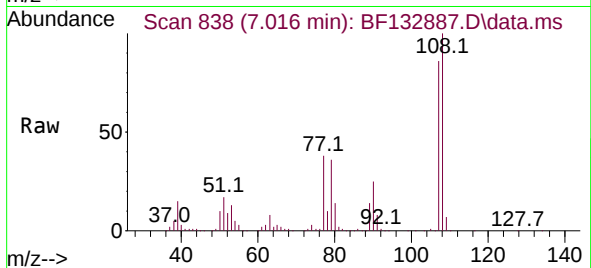
Tgt Ion: 45 Resp: 790864  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 31.6  
79 8.8 0.0 29.2





#17  
2-Methylphenol  
Concen: 21.228 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

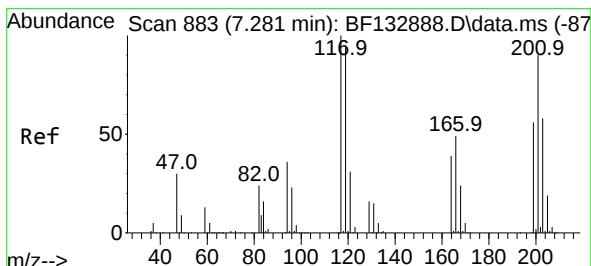
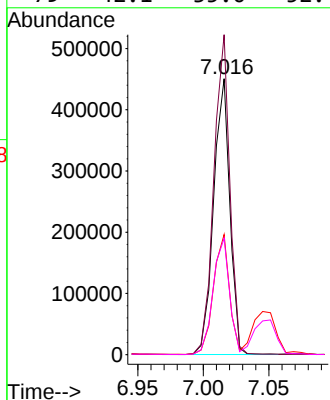
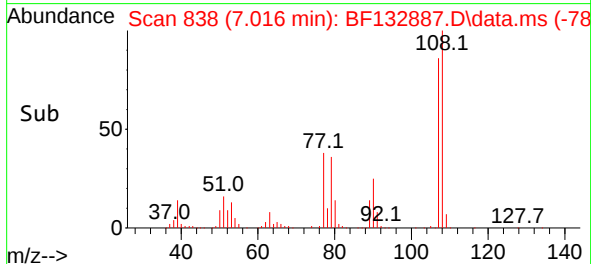
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



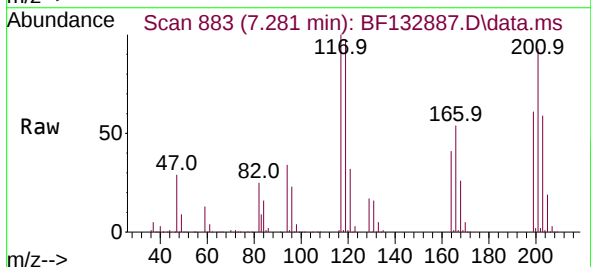
Tgt Ion:107 Resp: 387479  
Ion Ratio Lower Upper  
107 100  
108 115.9 91.7 137.5  
77 43.5 35.8 53.8  
79 42.1 35.0 52.4

Manual Integrations  
APPROVED

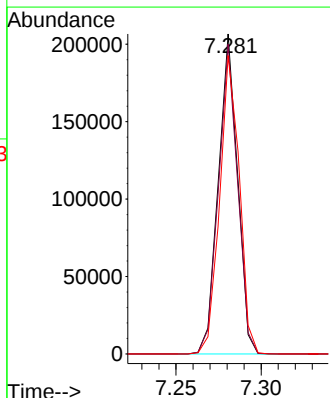
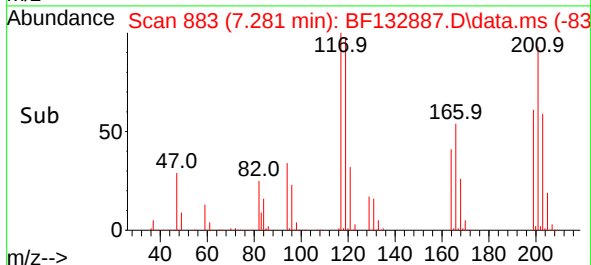
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

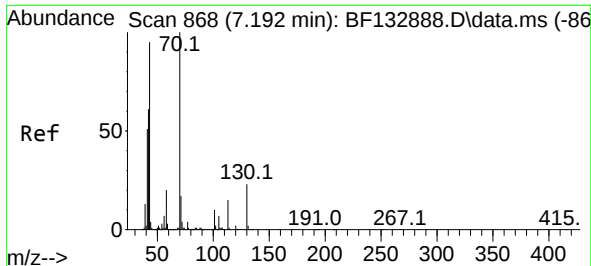


#18  
Hexachloroethane  
Concen: 21.256 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:117 Resp: 161908  
Ion Ratio Lower Upper  
117 100  
119 96.8 76.1 114.1  
201 93.2 71.8 107.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 21.074 ng  
RT: 7.181 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

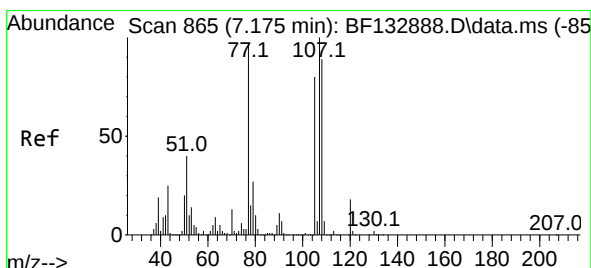
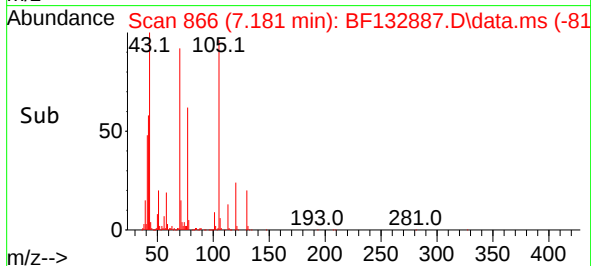
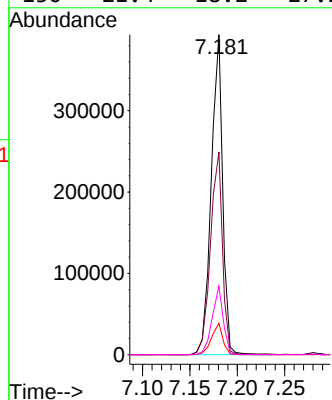
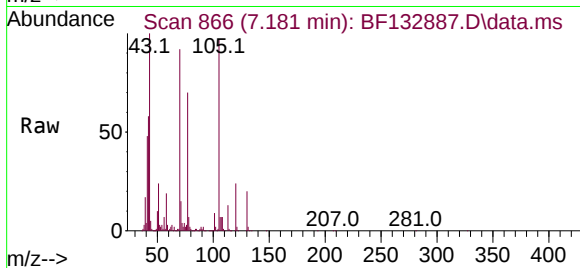
ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 329725  
Ion Ratio Lower Upper  
70 100  
42 63.3 49.0 73.6  
101 9.8 8.1 12.1  
130 21.4 18.2 27.2

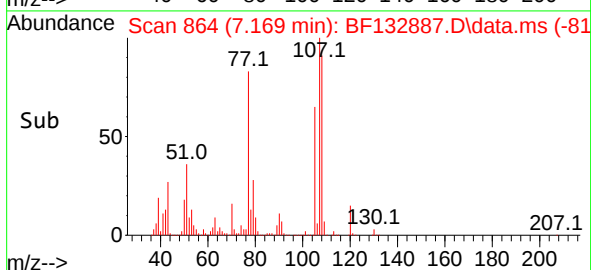
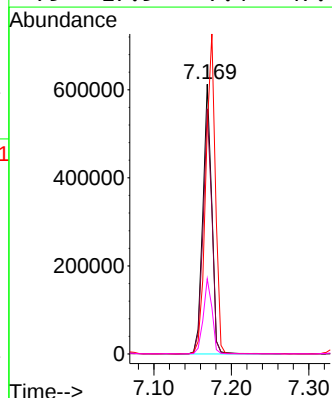
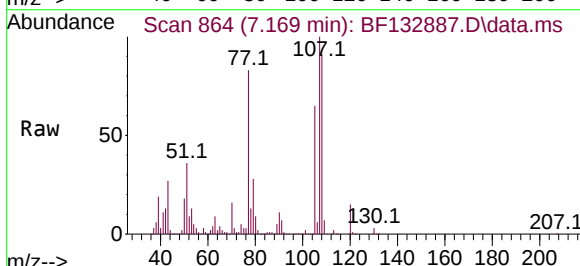
Manual Integrations  
APPROVED

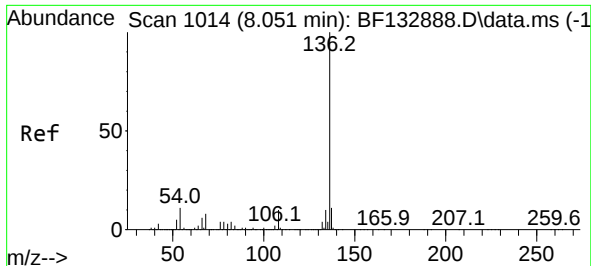
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#20  
3+4-Methylphenols  
Concen: 22.523 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:107 Resp: 485925  
Ion Ratio Lower Upper  
107 100  
108 90.8 68.5 108.5  
77 83.3 77.1 117.1  
79 27.9 7.4 47.4





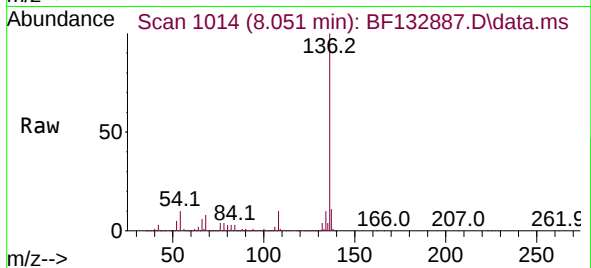
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

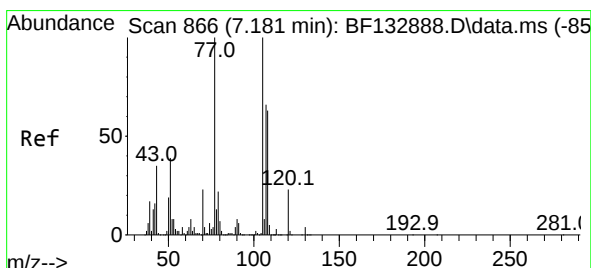
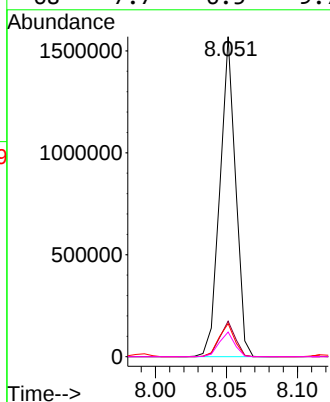
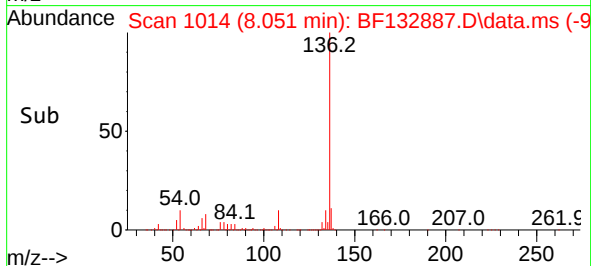


Tgt Ion:136 Resp: 1202960  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 10.3 8.9 13.3  
68 7.7 6.5 9.7

Manual Integrations

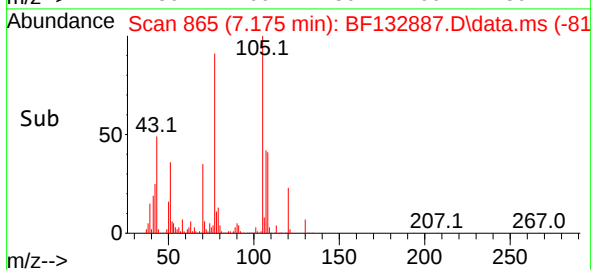
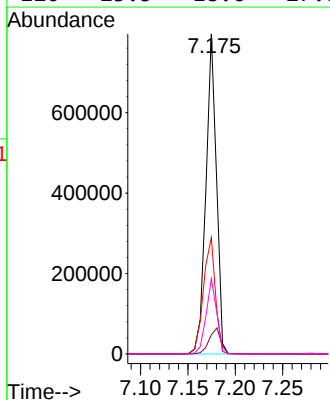
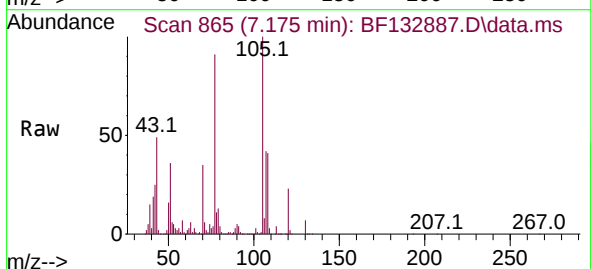
APPROVED

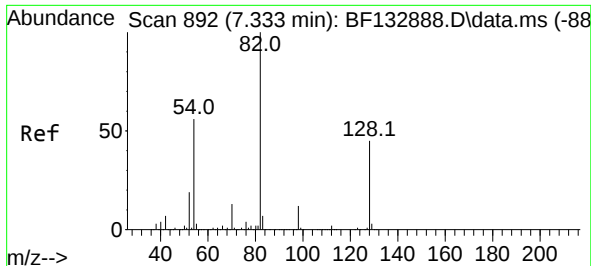
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#22  
Acetophenone  
Concen: 21.745 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:105 Resp: 613643  
Ion Ratio Lower Upper  
105 100  
71 6.0 3.1 4.7#  
51 36.3 31.4 47.2  
120 23.5 18.6 27.8





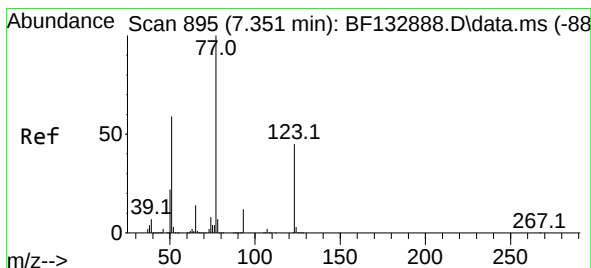
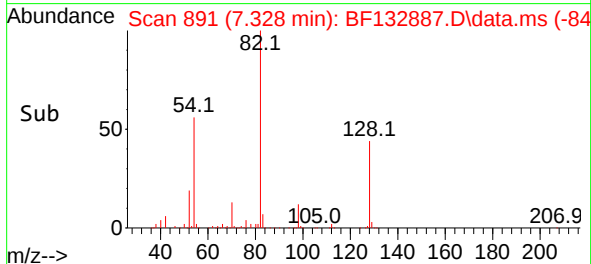
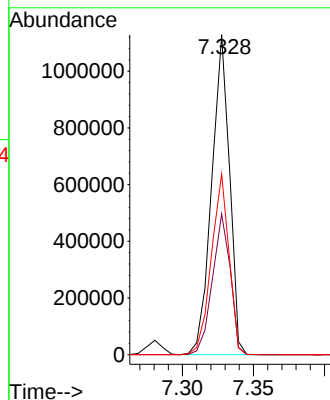
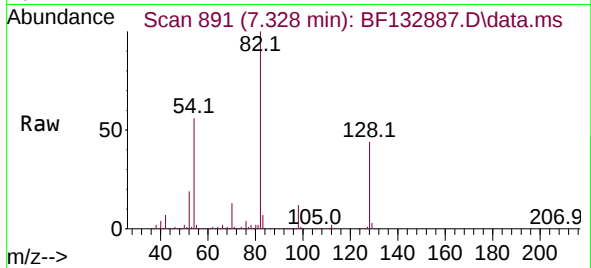
#23  
Nitrobenzene-d5  
Concen: 42.550 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 82 Resp: 981989  
Ion Ratio Lower Upper  
82 100  
128 44.0 35.7 53.5  
54 56.4 44.7 67.1

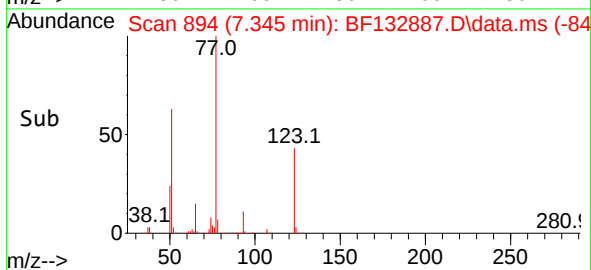
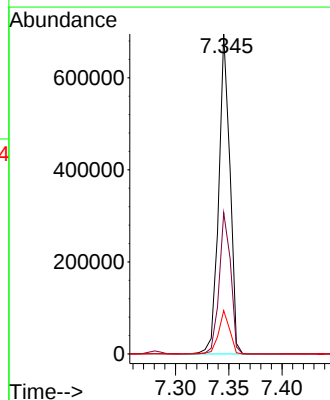
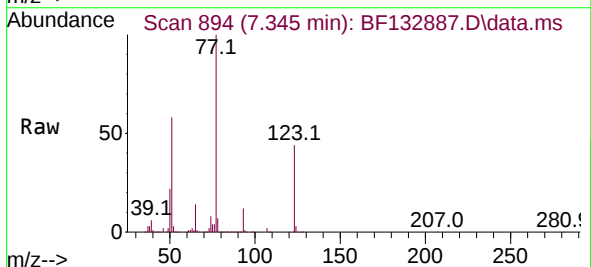
Manual Integrations  
APPROVED

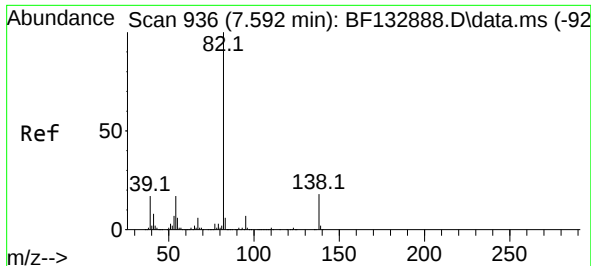
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#24  
Nitrobenzene  
Concen: 21.309 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

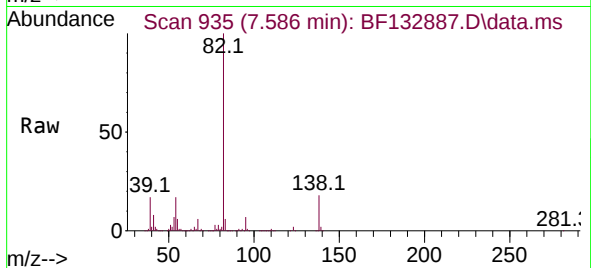
Tgt Ion: 77 Resp: 504068  
Ion Ratio Lower Upper  
77 100  
123 44.2 36.3 54.5  
65 13.6 11.2 16.8





#25  
Isophorone  
Concen: 20.550 ng  
RT: 7.586 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

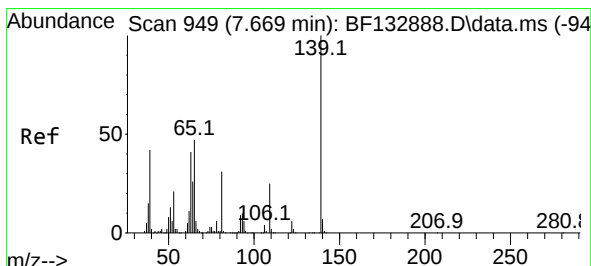
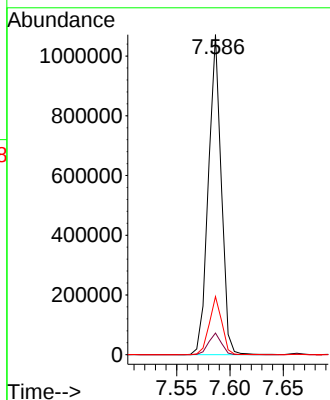
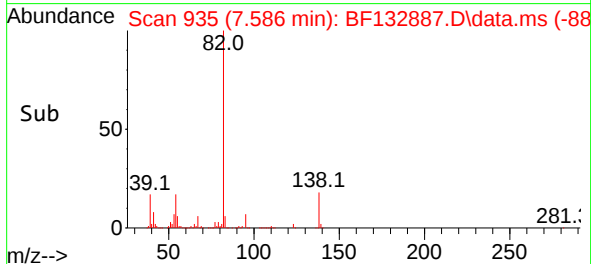
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



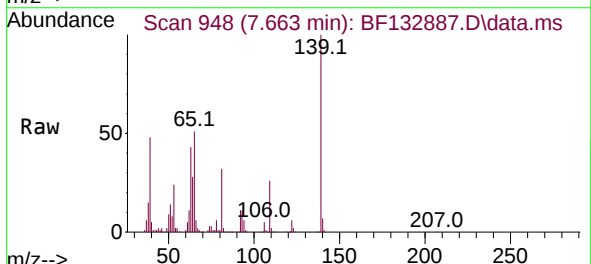
Tgt Ion: 82 Resp: 899614  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.3 7.9  
138 18.1 14.2 21.2

Manual Integrations  
APPROVED

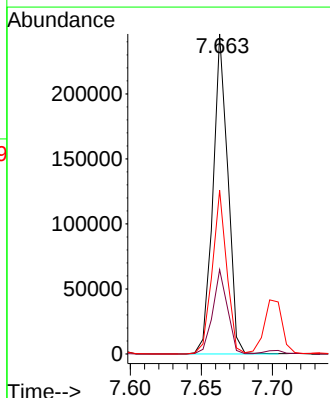
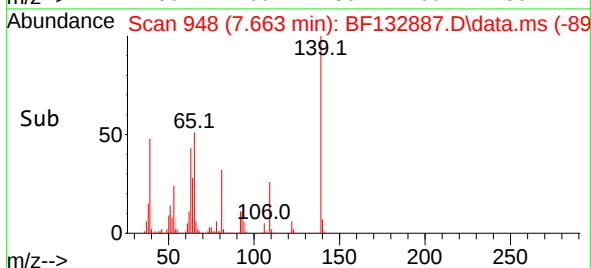
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

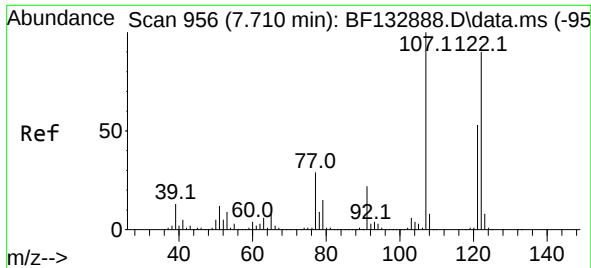


#26  
2-Nitrophenol  
Concen: 20.096 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:139 Resp: 179334  
Ion Ratio Lower Upper  
139 100  
109 26.3 20.1 30.1  
65 51.1 38.0 57.0





#27  
2,4-Dimethylphenol  
Concen: 21.161 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

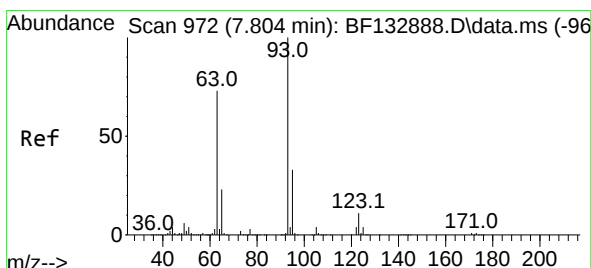
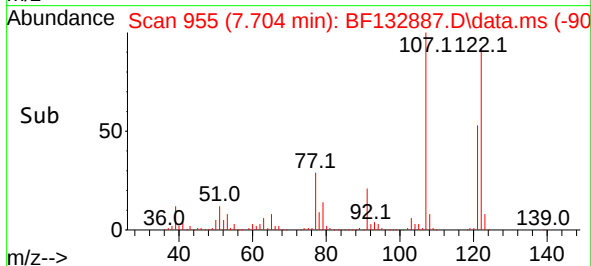
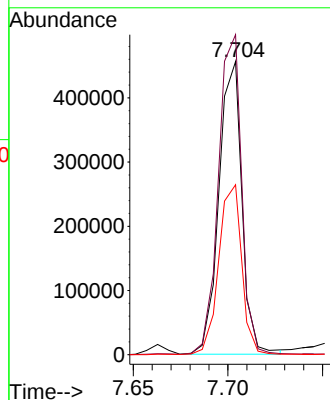
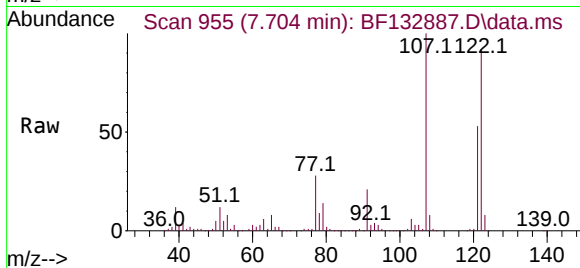
ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 38519  
Ion Ratio Lower Upper  
122 100  
107 109.2 88.5 132.7  
121 58.0 47.2 70.8

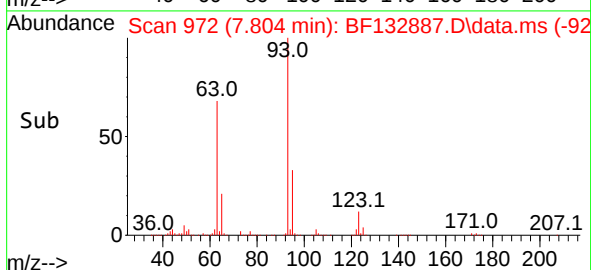
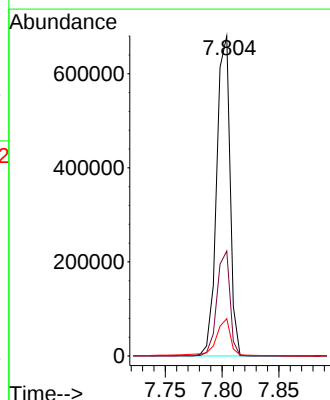
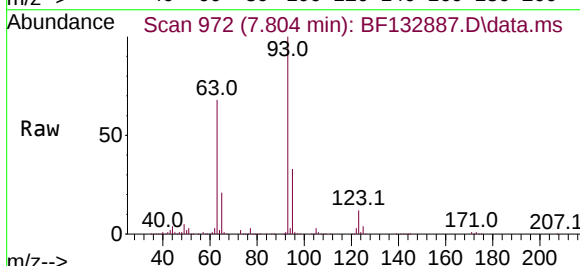
Manual Integrations  
APPROVED

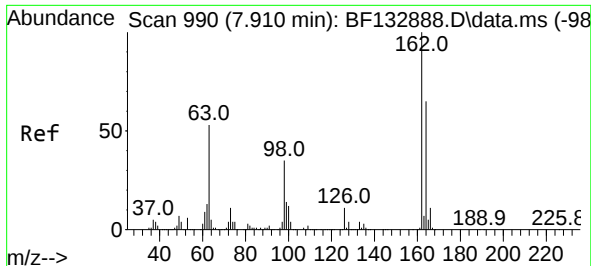
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 21.275 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion: 93 Resp: 556831  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.3 39.5  
123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 21.249 ng

RT: 7.904 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

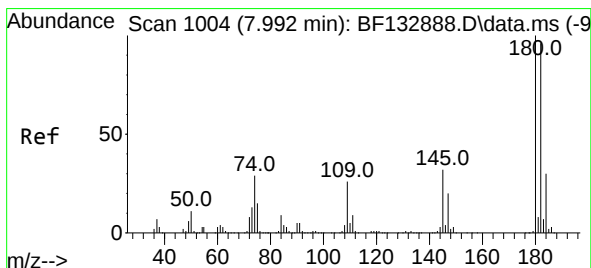
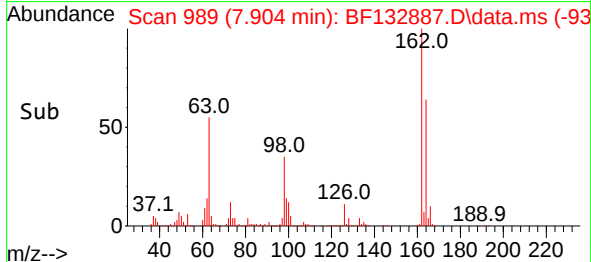
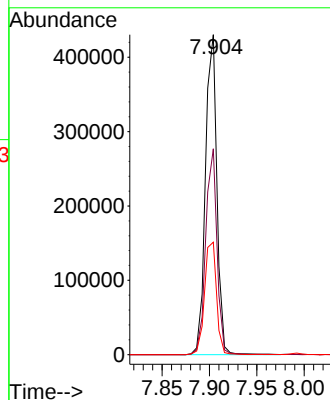
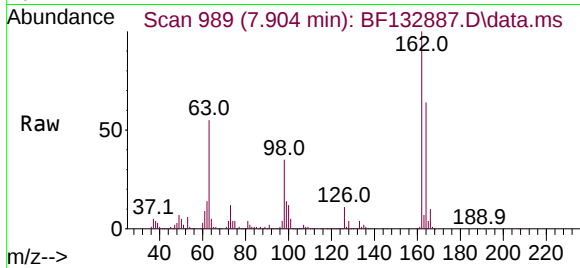
SSTDICC020

|             |              |
|-------------|--------------|
| Tgt Ion:162 | Resp: 360028 |
| Ion Ratio   | Lower Upper  |
| 162 100     |              |
| 164 64.4    | 45.2 85.2    |
| 98 35.1     | 14.8 54.8    |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 21.457 ng

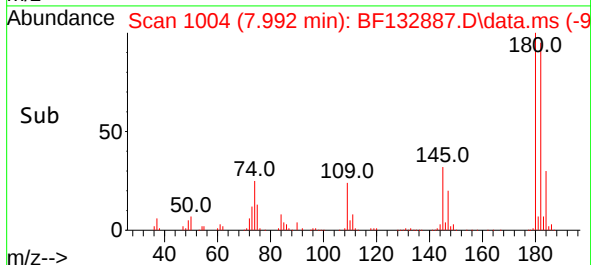
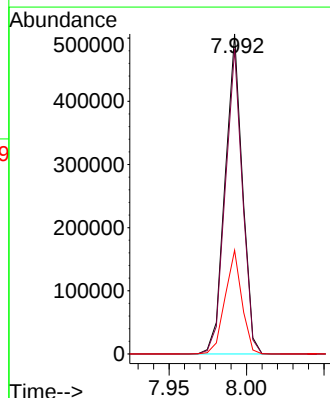
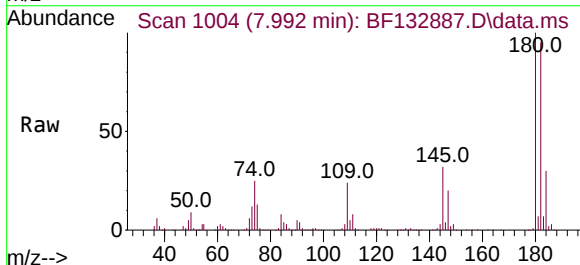
RT: 7.992 min Scan# 1004

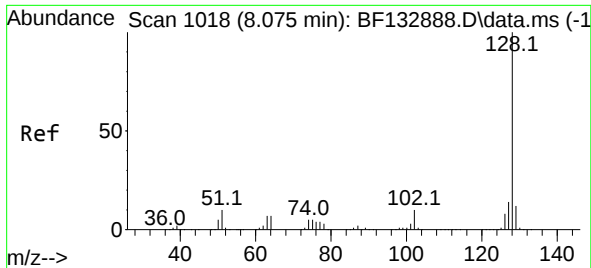
Delta R.T. 0.000 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 392537 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 95.4    | 76.6 114.8   |
| 145 32.4    | 25.4 38.0    |





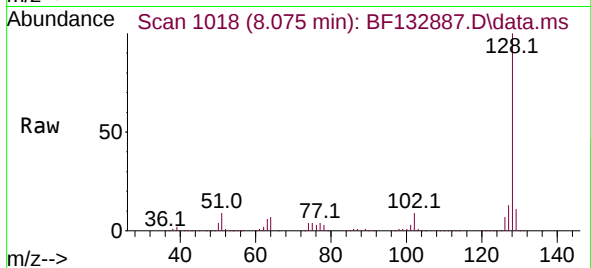
#31  
Naphthalene  
Concen: 21.786 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

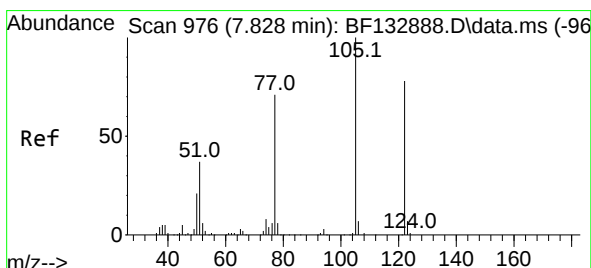
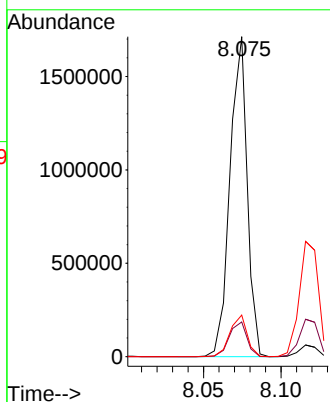
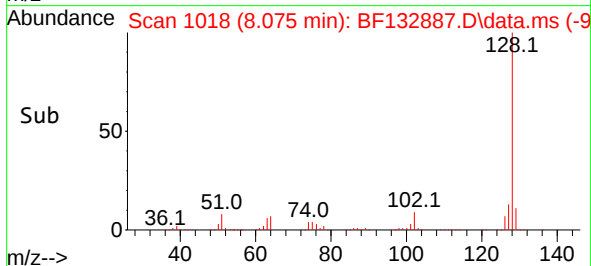


Tgt Ion:128 Resp: 1324350  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.4 14.0  
127 13.0 11.0 16.6

Manual Integrations

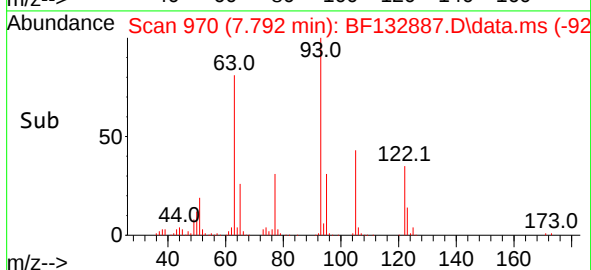
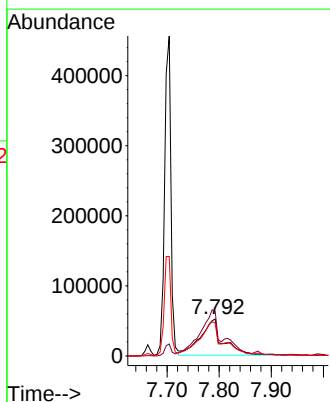
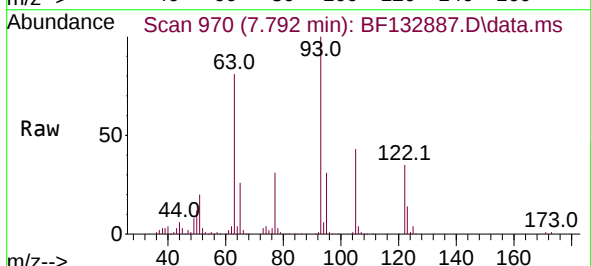
APPROVED

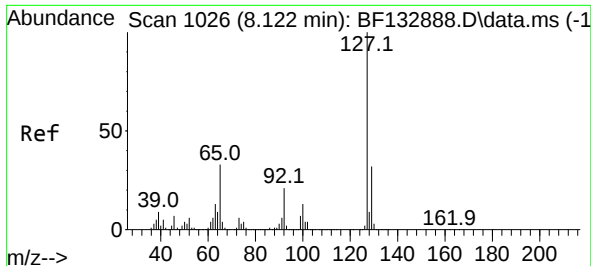
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#32  
Benzoic acid  
Concen: 17.244 ng m  
RT: 7.792 min Scan# 970  
Delta R.T. -0.036 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:122 Resp: 156590  
Ion Ratio Lower Upper  
122 100  
105 121.1 104.5 144.5  
77 89.1 71.2 111.2





#33  
4-Chloroaniline  
Concen: 21.475 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

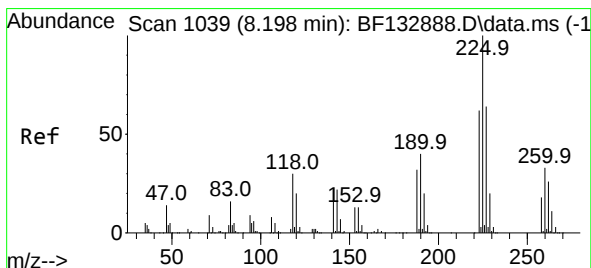
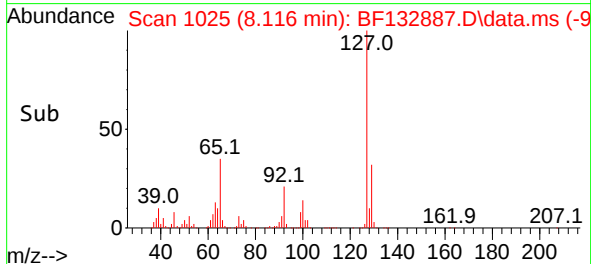
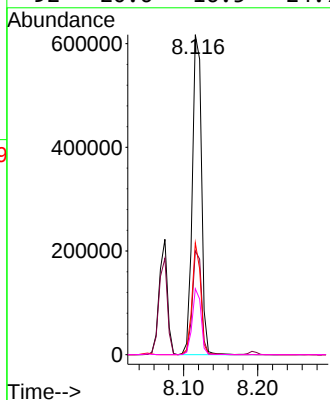
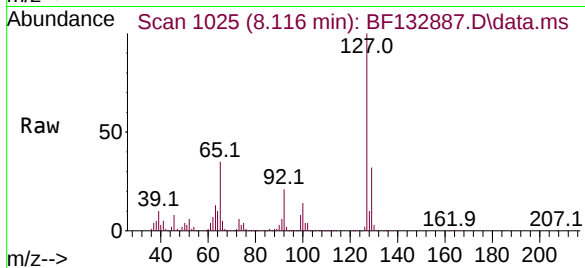
SSTDICC020

Tgt Ion:127 Resp: 534678  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.9 38.9  
65 35.0 26.7 40.1  
92 20.6 16.5 24.7

Manual Integrations

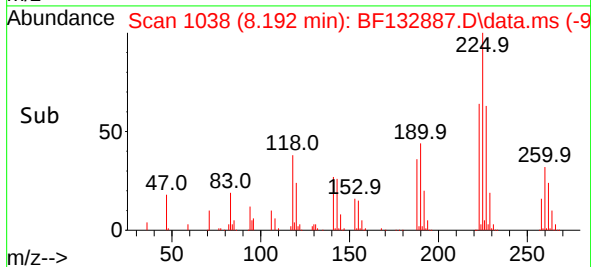
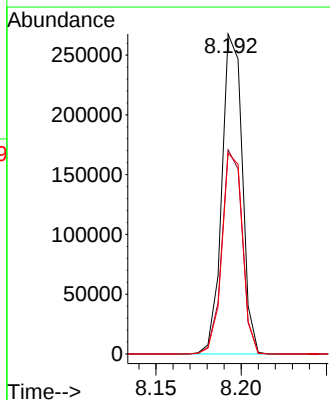
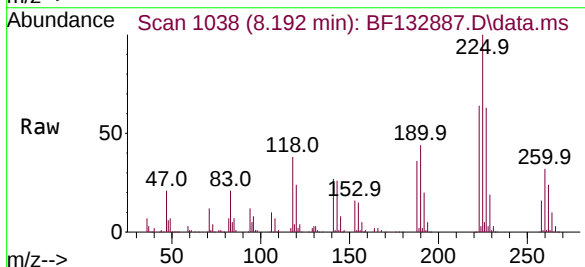
APPROVED

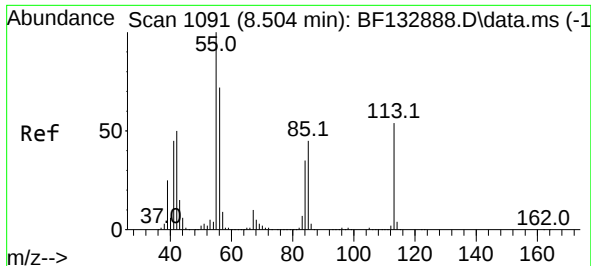
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#34  
Hexachlorobutadiene  
Concen: 21.246 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:225 Resp: 222356  
Ion Ratio Lower Upper  
225 100  
223 63.8 49.6 74.4  
227 62.8 51.6 77.4





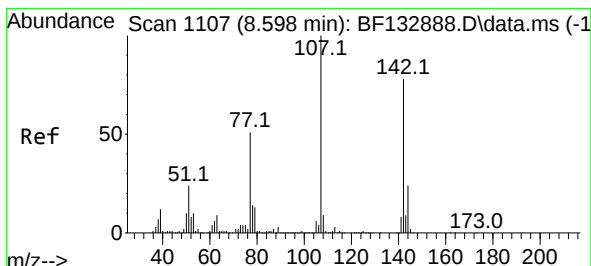
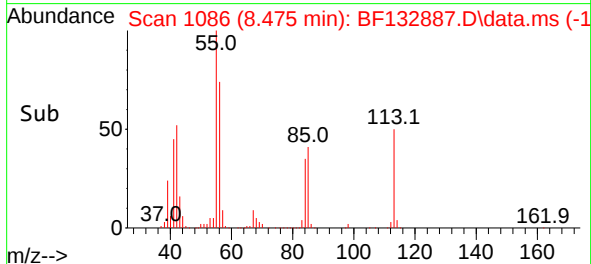
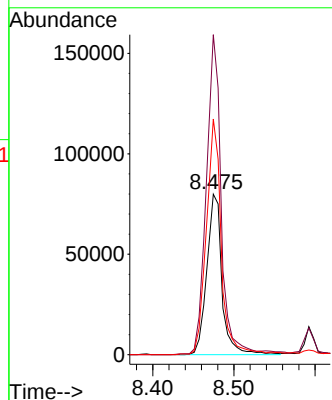
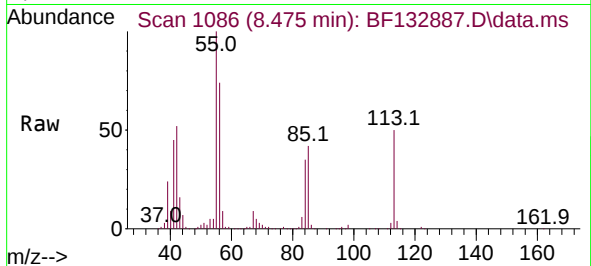
#35  
 Caprolactam  
 Concen: 20.558 ng  
 RT: 8.475 min Scan# 1086  
 Delta R.T. -0.029 min  
 Lab File: BF132887.D  
 Acq: 17 Apr 2023 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Tgt Ion:113 Resp: 103729  
 Ion Ratio Lower Upper  
 113 100  
 55 199.3 166.0 206.0  
 56 146.8 114.5 154.5

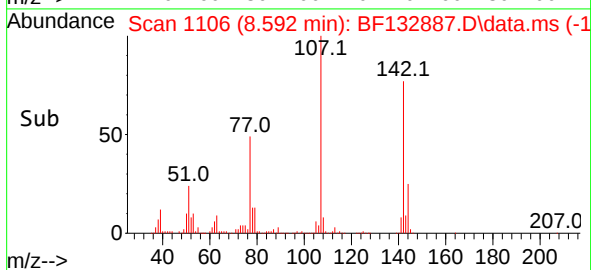
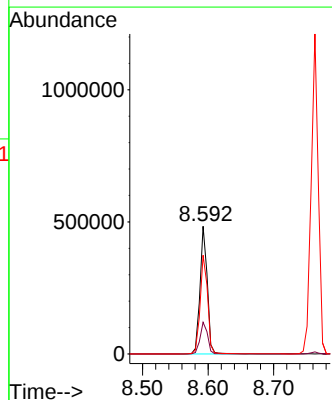
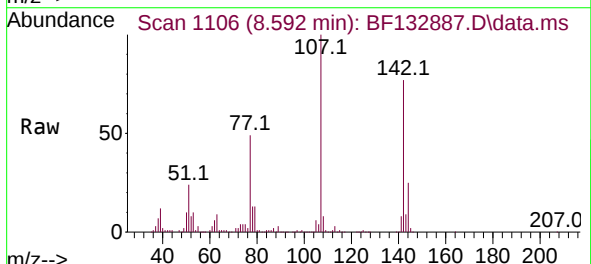
Manual Integrations  
 APPROVED

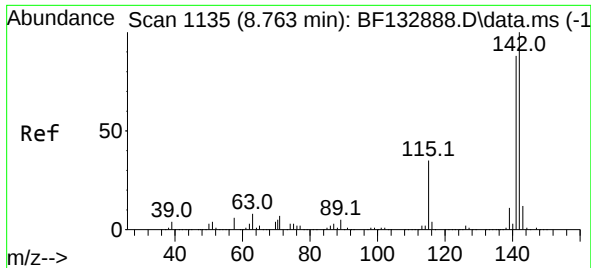
Reviewed By :Christian Giraldo 04/18/2023  
 Supervised By :Jagrut Upadhyay 04/18/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 21.140 ng  
 RT: 8.592 min Scan# 1106  
 Delta R.T. -0.006 min  
 Lab File: BF132887.D  
 Acq: 17 Apr 2023 14:02

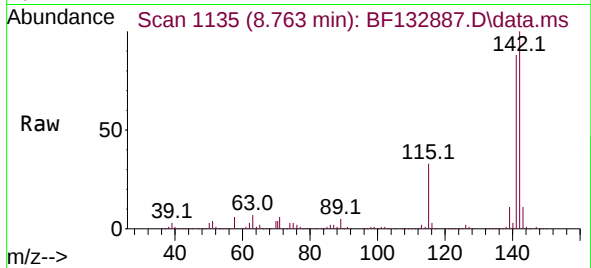
Tgt Ion:107 Resp: 375954  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 19.4 29.0  
 142 77.3 62.2 93.2





#37  
2-Methylnaphthalene  
Concen: 21.749 ng  
RT: 8.763 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

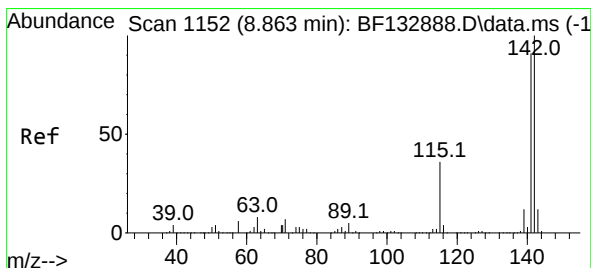
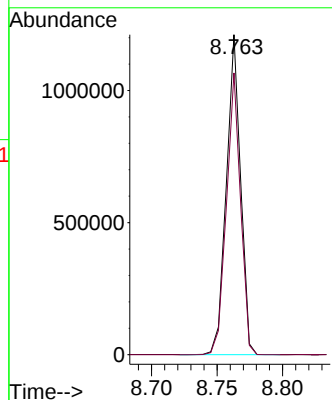
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:142 Resp: 910023  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.4 105.6

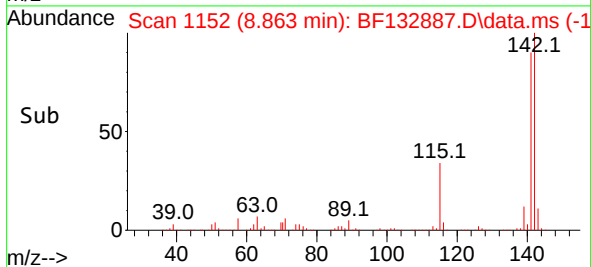
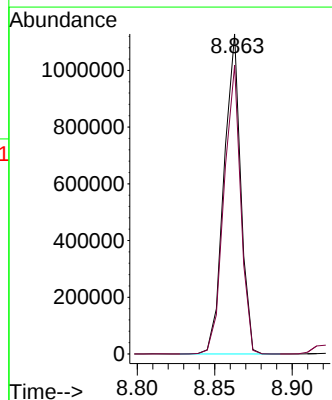
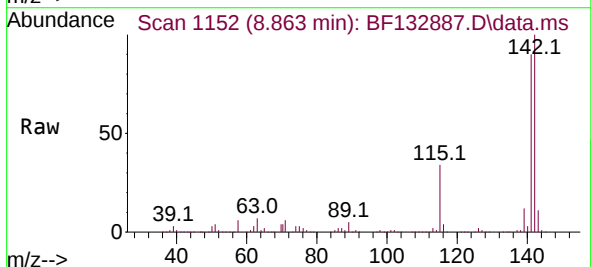
Manual Integrations  
APPROVED

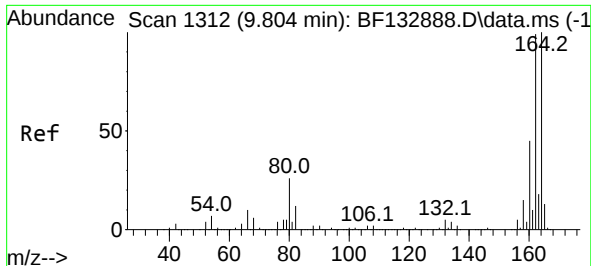
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#38  
1-Methylnaphthalene  
Concen: 21.741 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:142 Resp: 847604  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.6 109.0





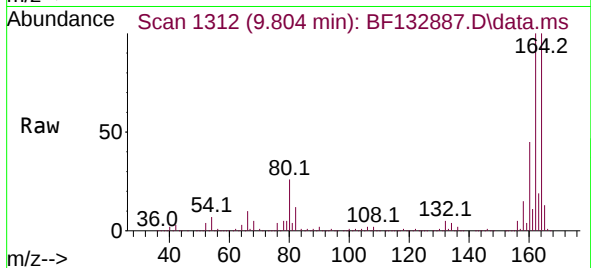
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

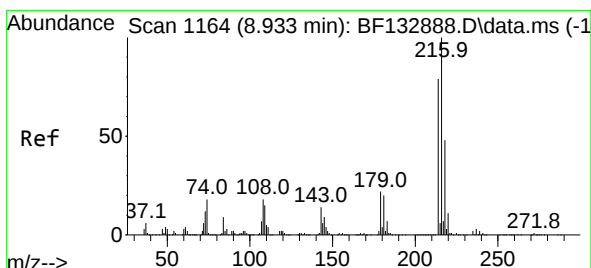
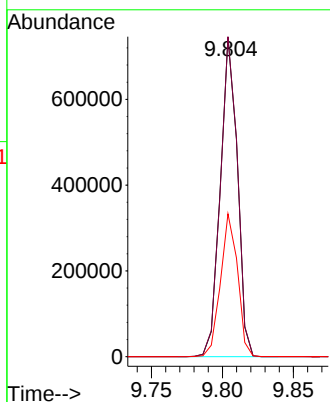
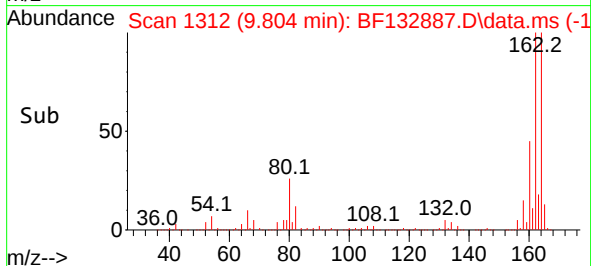


Tgt Ion:164 Resp: 619274  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.1 118.7  
160 44.7 35.6 53.4

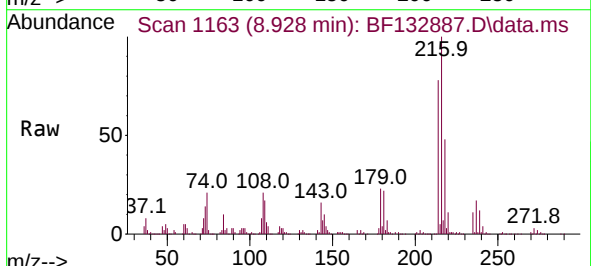
Manual Integrations

APPROVED

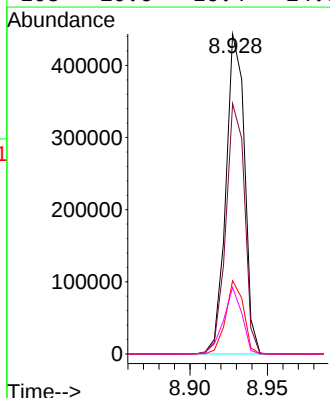
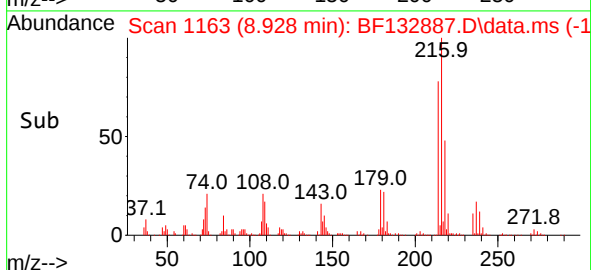
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

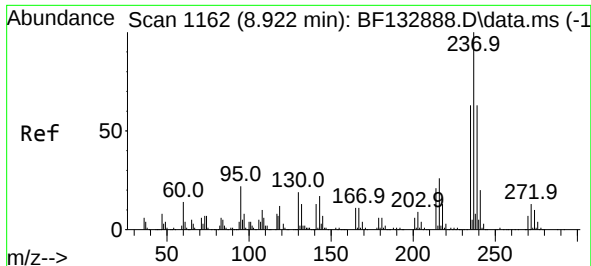


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 21.183 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



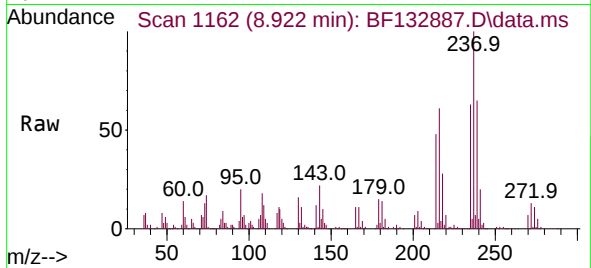
Tgt Ion:216 Resp: 371041  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.1 94.7  
179 21.9 17.4 26.2  
108 20.6 16.4 24.6





#41  
Hexachlorocyclopentadiene  
Concen: 20.183 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

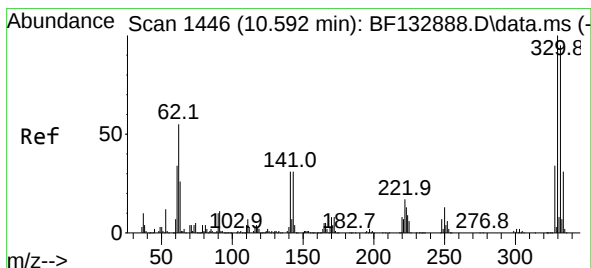
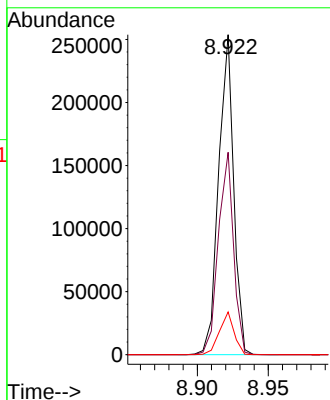
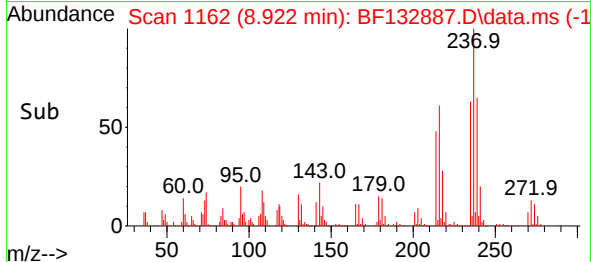
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



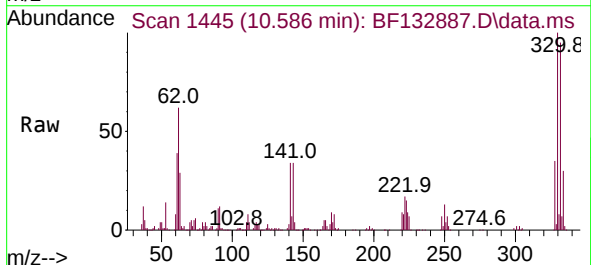
Tgt Ion: 237 Resp: 186335  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.2 83.2  
272 13.3 0.0 32.8

Manual Integrations  
APPROVED

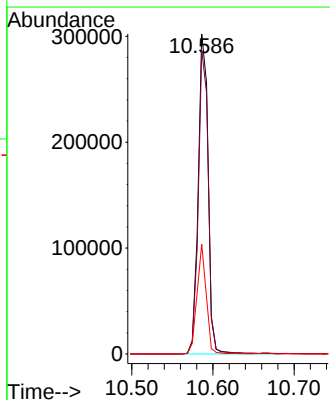
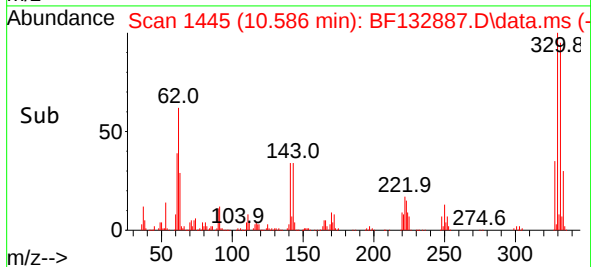
Reviewed By : Christian Giraldo 04/18/2023  
Supervised By : Jagrut Upadhyay 04/18/2023

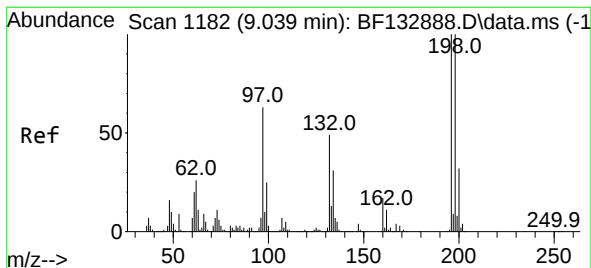


#42  
2,4,6-Tribromophenol  
Concen: 41.600 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion: 330 Resp: 258393  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.3 114.5  
141 32.0 23.9 35.9





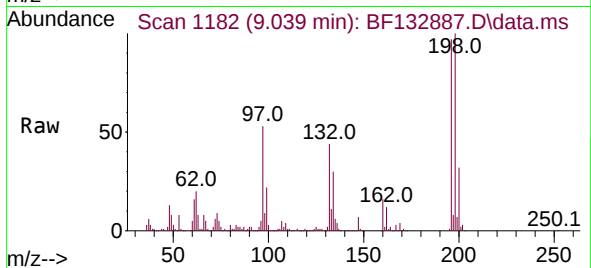
#43  
2,4,6-Trichlorophenol  
Concen: 20.921 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

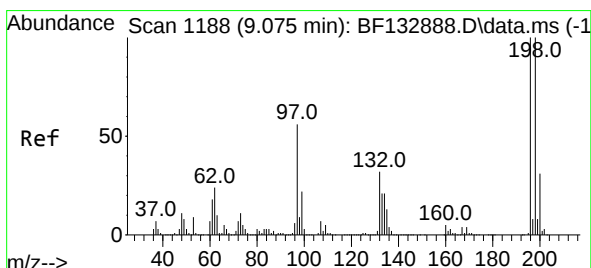
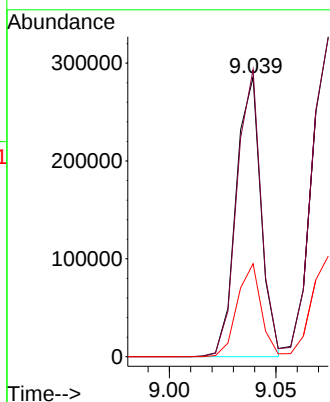
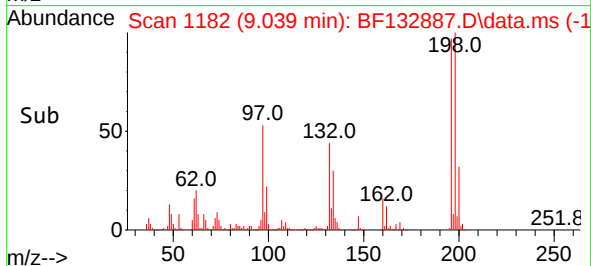
SSTDICC020



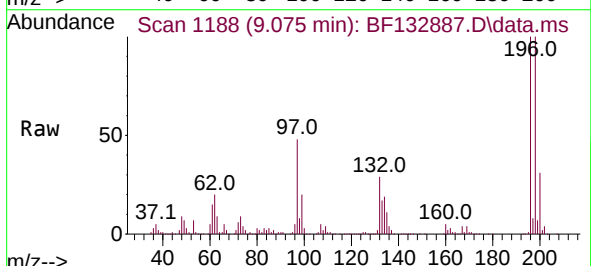
Tgt Ion:196 Resp: 232299  
Ion Ratio Lower Upper  
196 100  
198 102.7 79.8 119.6  
200 33.3 25.4 38.2

Manual Integrations  
APPROVED

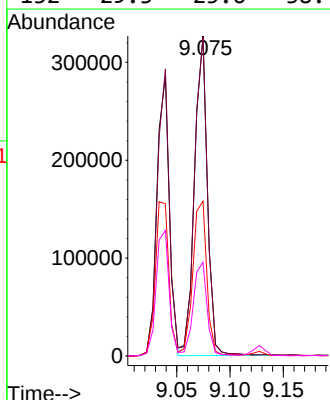
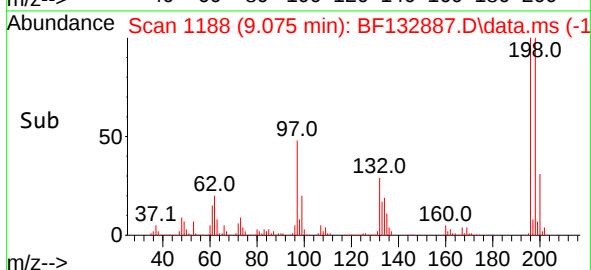
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

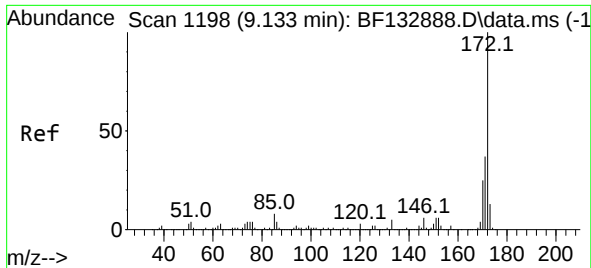


#44  
2,4,5-Trichlorophenol  
Concen: 21.309 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:196 Resp: 276672  
Ion Ratio Lower Upper  
196 100  
198 99.7 80.2 120.2  
97 48.4 45.0 67.6  
132 29.3 25.6 38.4





#45  
2-Fluorobiphenyl  
Concen: 44.296 ng  
RT: 9.127 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

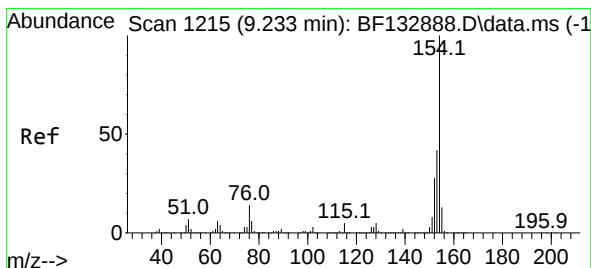
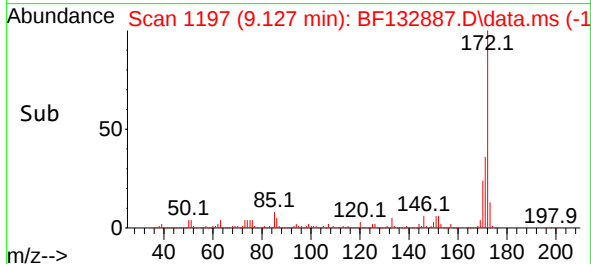
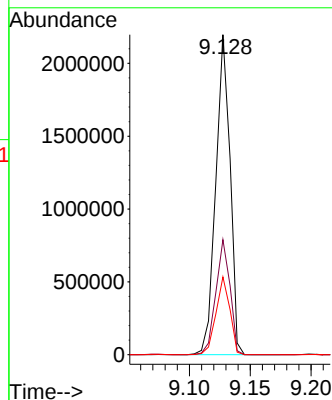
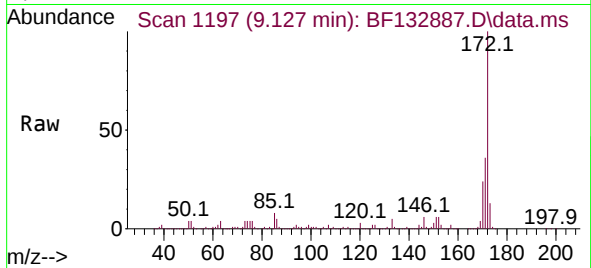
SSTDICC020

Tgt Ion:172 Resp: 1785644  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.4 44.0  
170 24.3 20.1 30.1

Manual Integrations

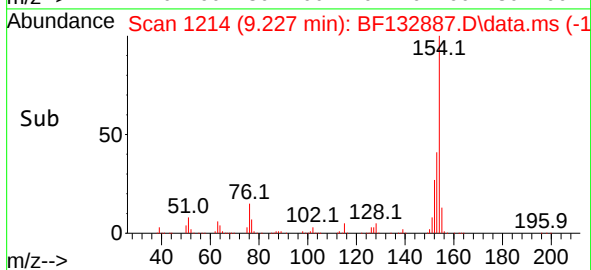
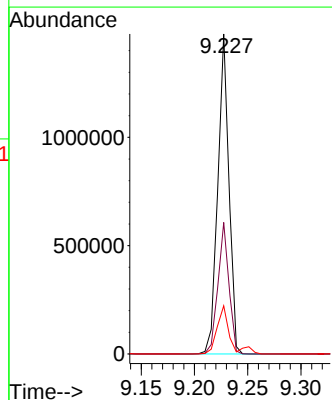
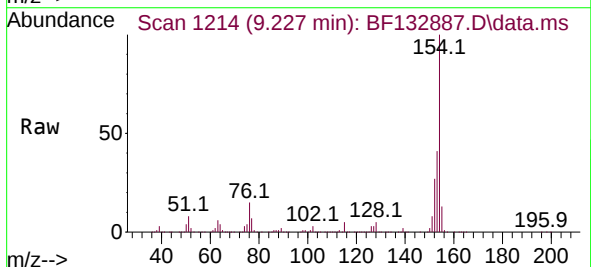
APPROVED

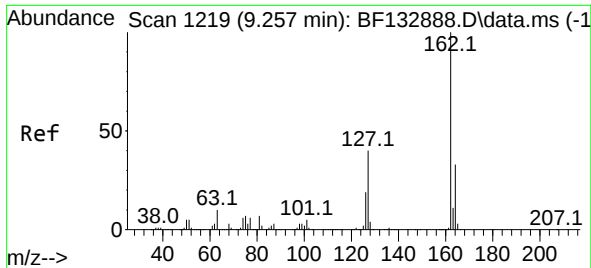
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#46  
1,1'-Biphenyl  
Concen: 21.876 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:154 Resp: 1073969  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.8 61.8  
76 15.0 0.0 34.0





#47  
2-Chloronaphthalene  
Concen: 21.456 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

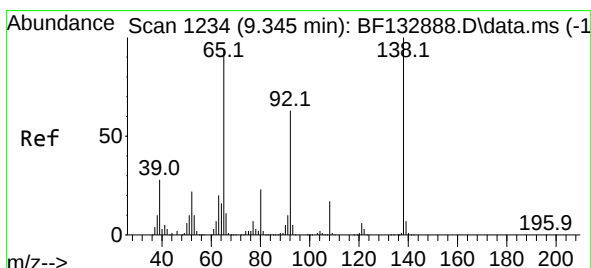
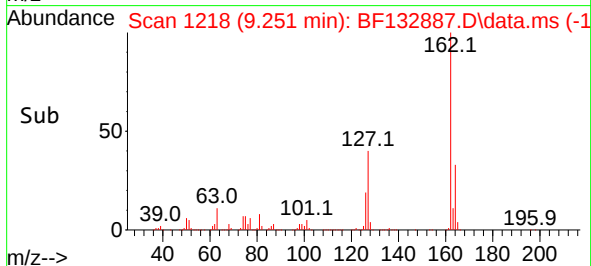
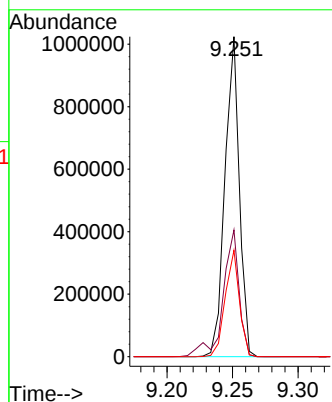
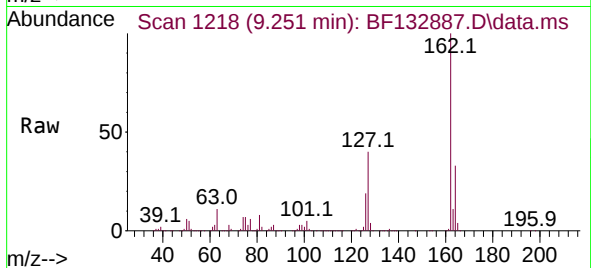
ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 77948  
Ion Ratio Lower Upper  
162 100  
127 39.6 32.2 48.2  
164 33.3 26.5 39.7

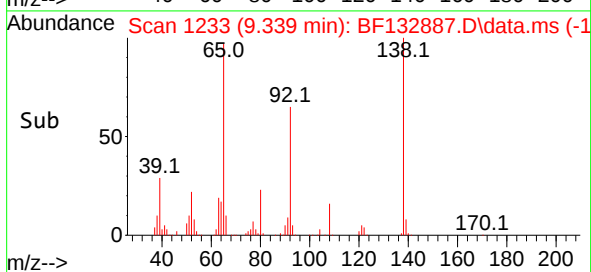
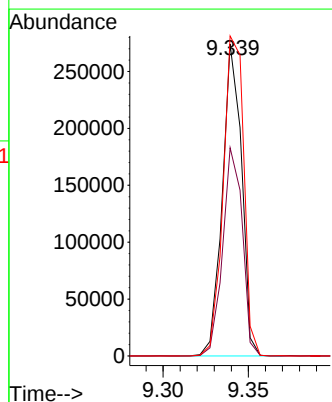
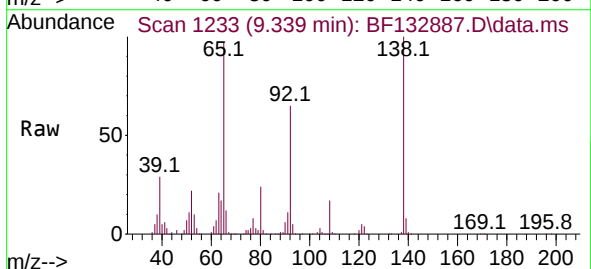
Manual Integrations  
APPROVED

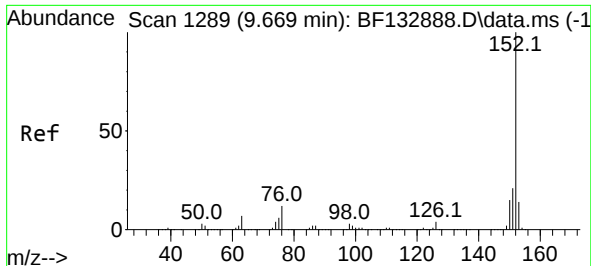
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#48  
2-Nitroaniline  
Concen: 20.447 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion: 65 Resp: 214890  
Ion Ratio Lower Upper  
65 100  
92 66.7 53.5 80.3  
138 102.6 84.8 127.2





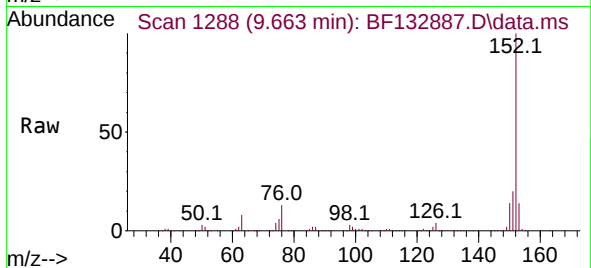
#49  
Acenaphthylene  
Concen: 21.673 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

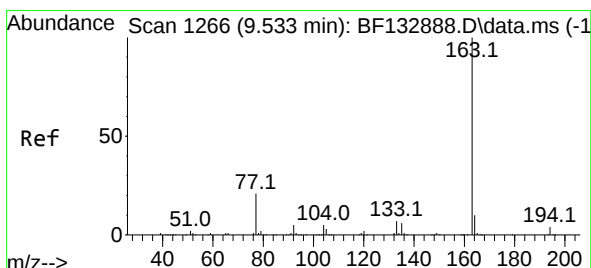
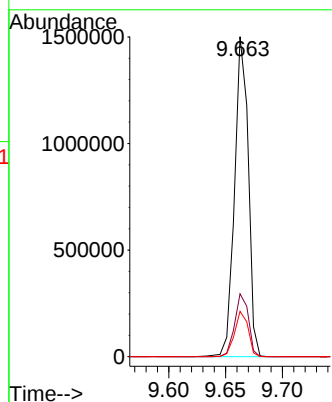
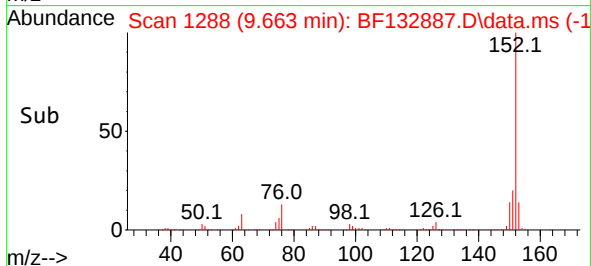


Tgt Ion:152 Resp: 1255808  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.4 24.6  
153 14.2 11.4 17.0

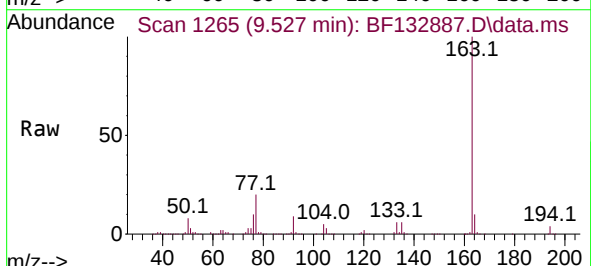
Manual Integrations

APPROVED

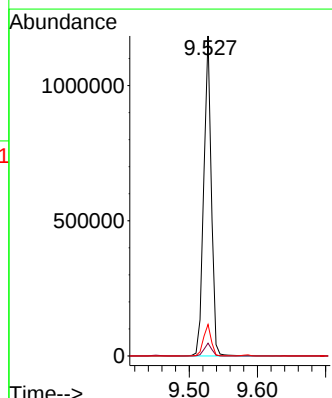
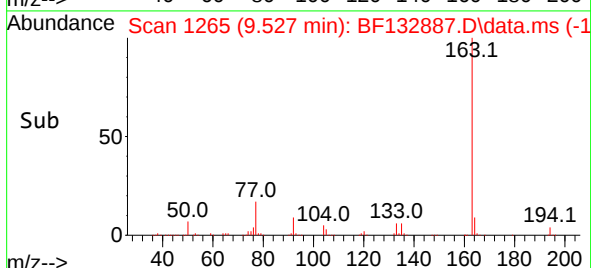
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

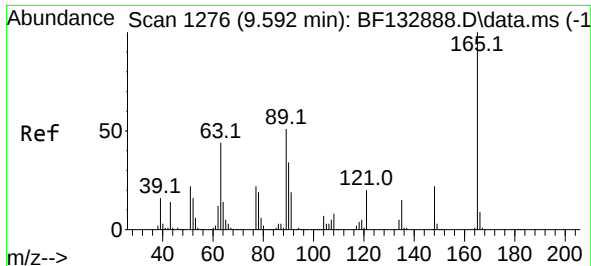


#50  
Dimethylphthalate  
Concen: 21.314 ng  
RT: 9.527 min Scan# 1265  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:163 Resp: 912529  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.8 8.3 12.5





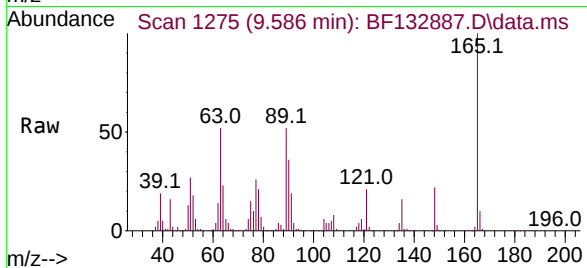
#51  
2,6-Dinitrotoluene  
Concen: 20.939 ng  
RT: 9.586 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

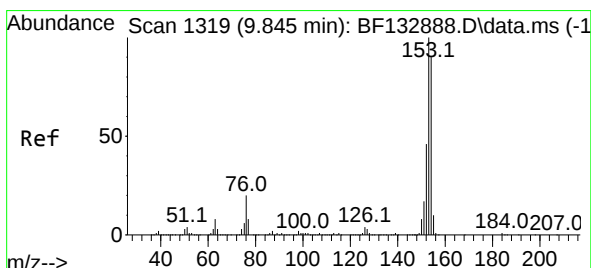
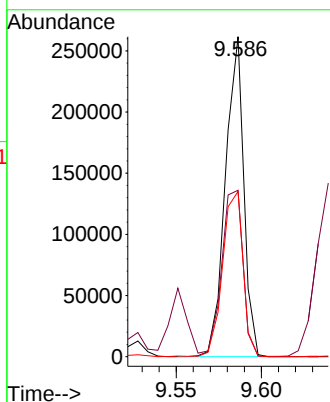
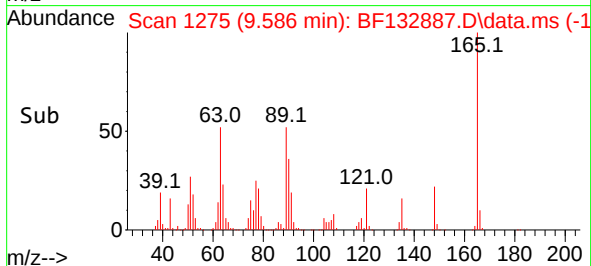


Tgt Ion:165 Resp: 196558  
Ion Ratio Lower Upper  
165 100  
63 52.0 42.6 63.8  
89 51.7 41.0 61.4

Manual Integrations

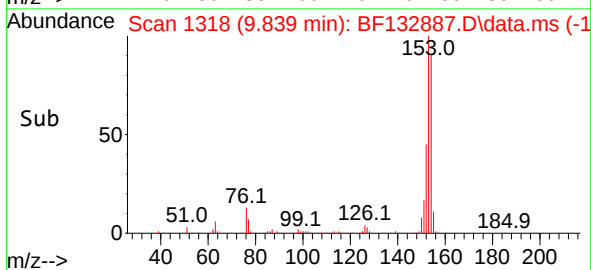
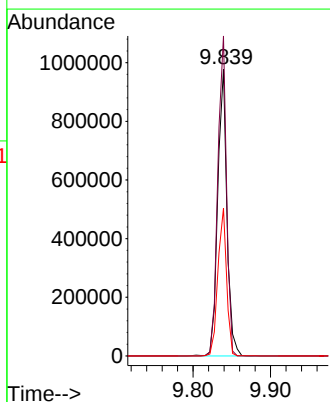
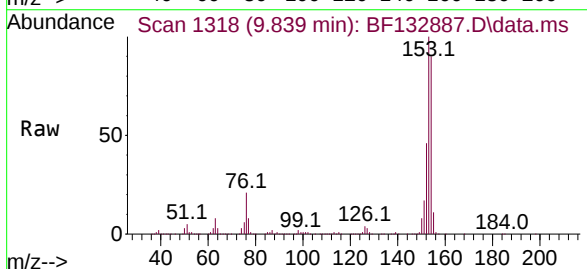
APPROVED

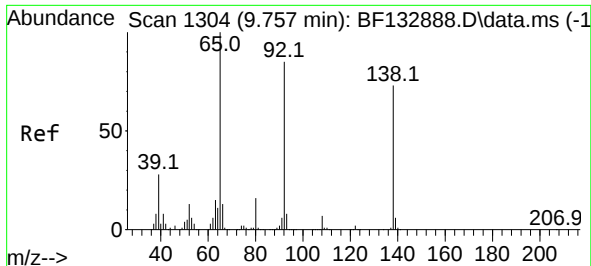
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#52  
Acenaphthene  
Concen: 21.566 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:154 Resp: 805252  
Ion Ratio Lower Upper  
154 100  
153 111.6 88.8 133.2  
152 51.5 41.2 61.8





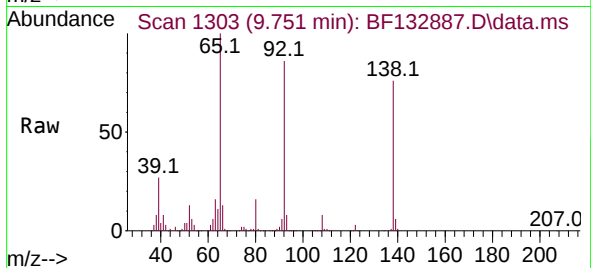
#53  
3-Nitroaniline  
Concen: 20.966 ng  
RT: 9.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

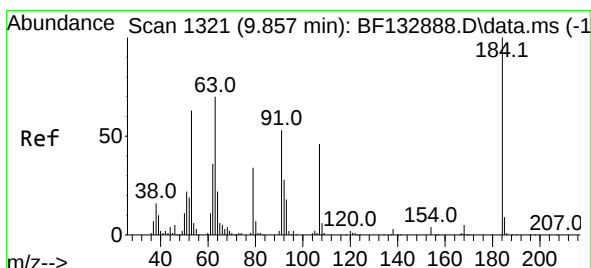
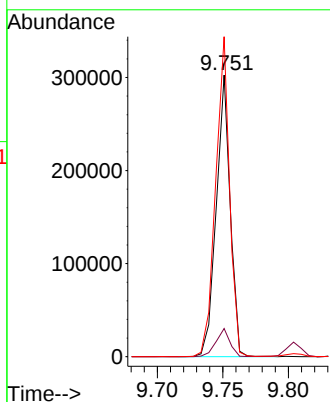
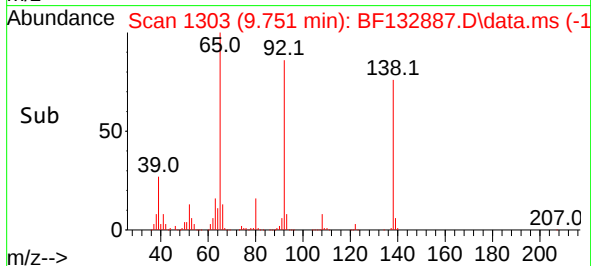


Tgt Ion:138 Resp: 223950  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.2 12.2  
92 113.6 93.8 140.8

Manual Integrations

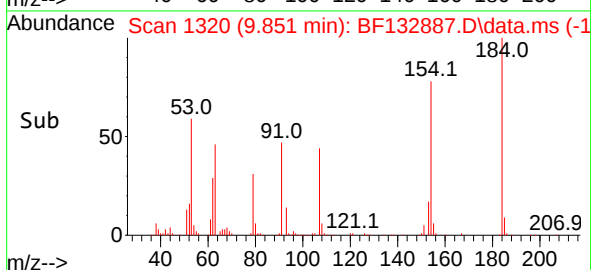
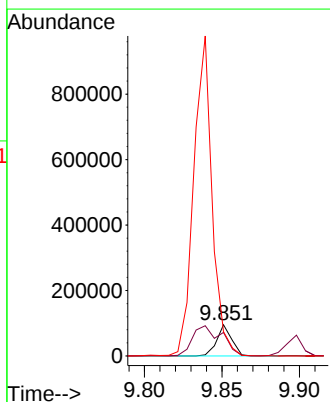
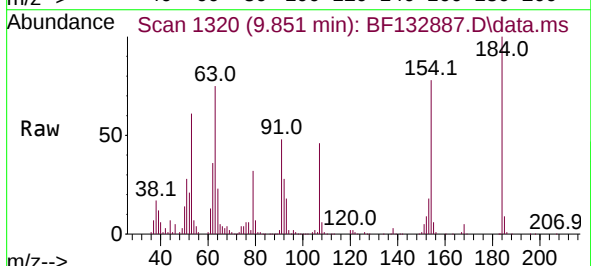
APPROVED

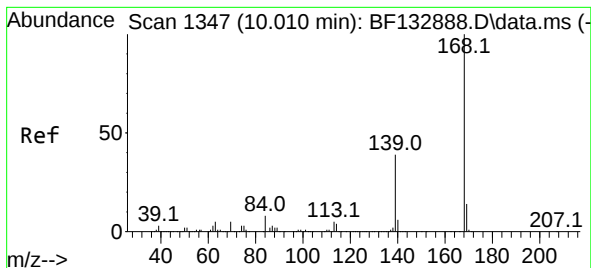
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#54  
2,4-Dinitrophenol  
Concen: 17.491 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:184 Resp: 63961  
Ion Ratio Lower Upper  
184 100  
63 75.1 62.7 94.1  
154 77.7 49.9 74.9#





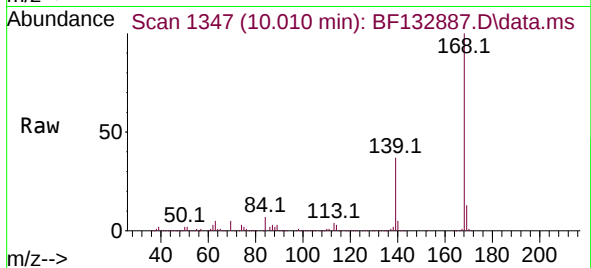
#55  
Dibenzofuran  
Concen: 21.652 ng  
RT: 10.010 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

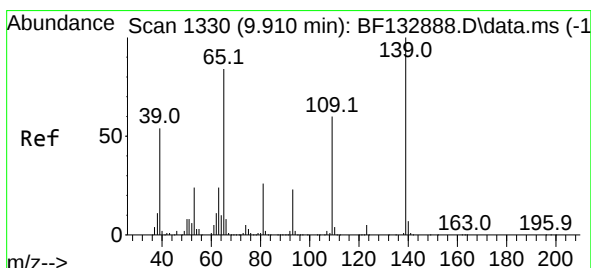
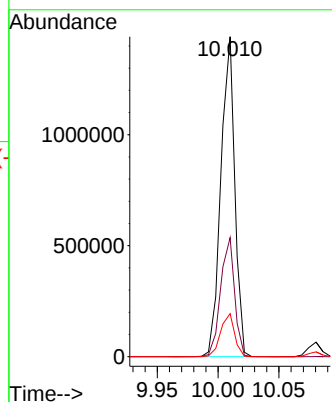
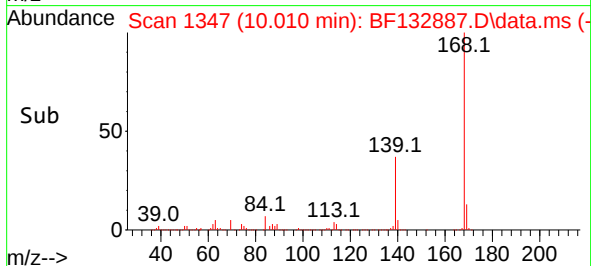


Tgt Ion:168 Resp: 1147033  
Ion Ratio Lower Upper  
168 100  
139 37.2 31.4 47.0  
169 13.4 11.2 16.8

Manual Integrations

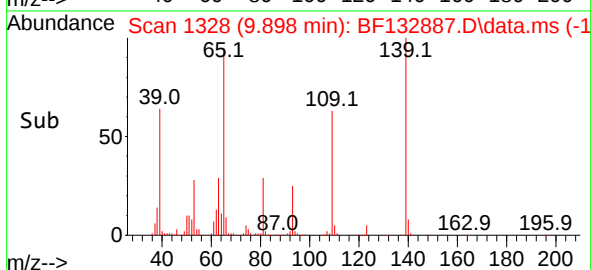
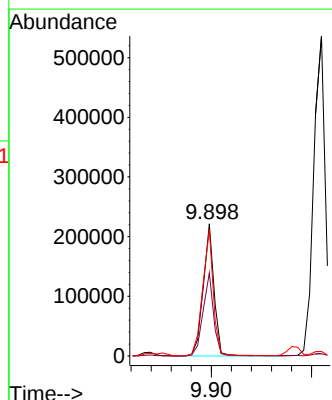
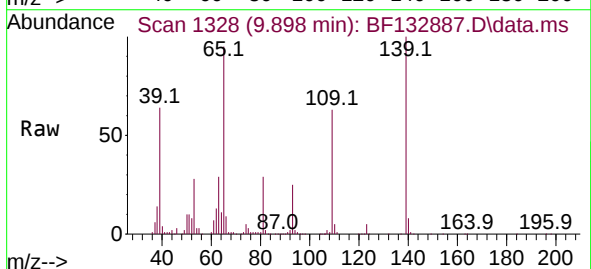
APPROVED

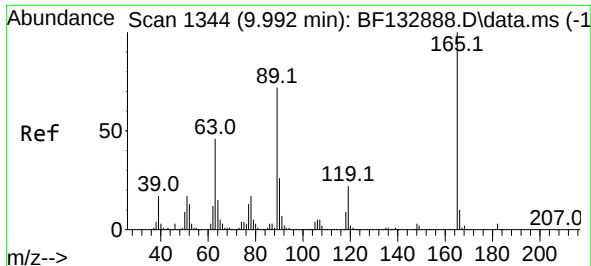
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#56  
4-Nitrophenol  
Concen: 20.978 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:139 Resp: 166457  
Ion Ratio Lower Upper  
139 100  
109 62.8 40.4 80.4  
65 95.5 64.2 104.2





#57

2,4-Dinitrotoluene

Concen: 21.029 ng

RT: 9.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 243630

Ion Ratio Lower Upper

165 100

63 41.9 37.0 55.6

89 66.7 57.8 86.6

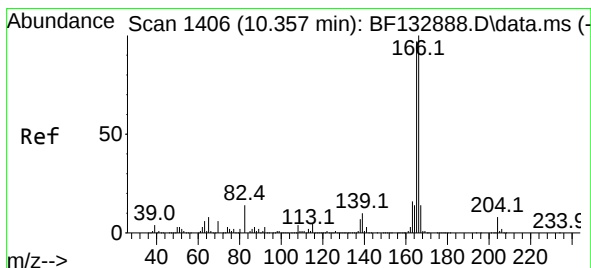
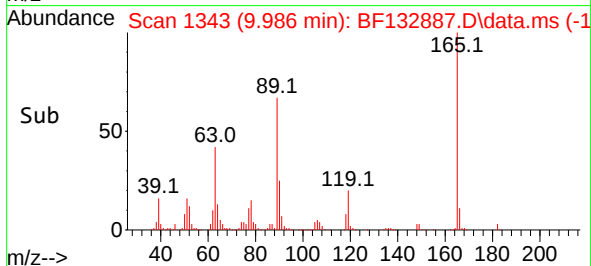
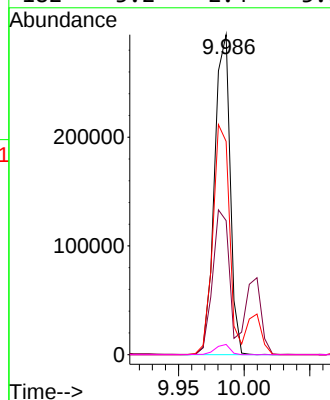
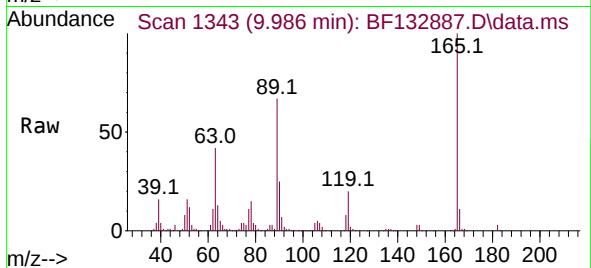
182 3.2 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#58

Fluorene

Concen: 21.742 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

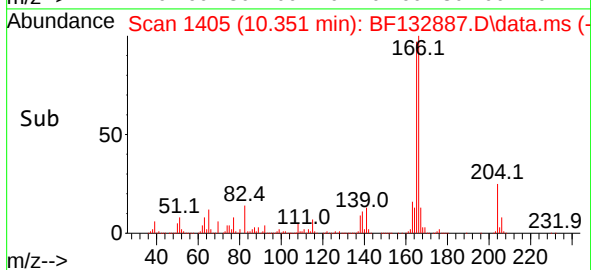
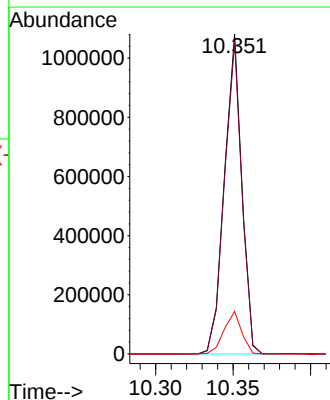
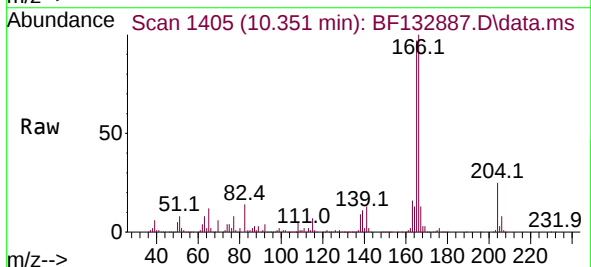
Tgt Ion:166 Resp: 843743

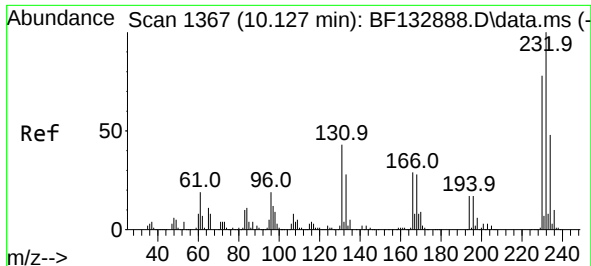
Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

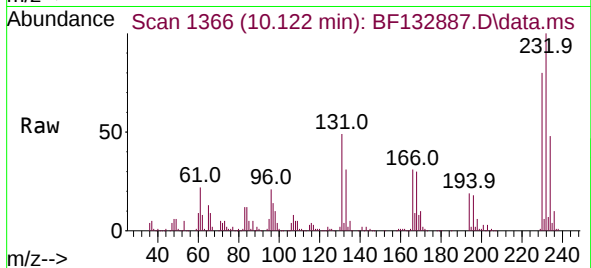
167 13.3 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.926 ng  
RT: 10.122 min Scan# 1367  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

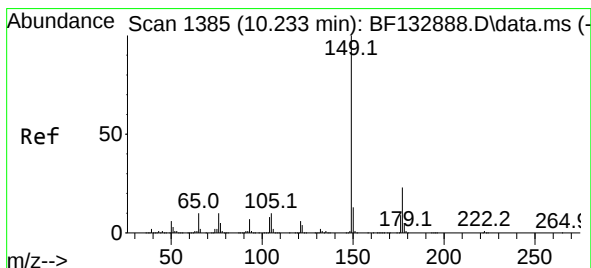
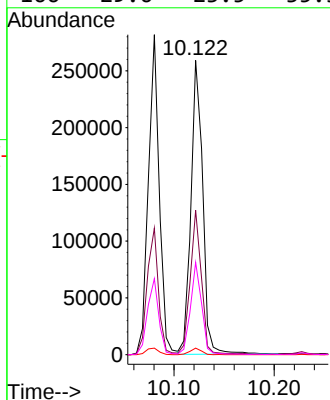
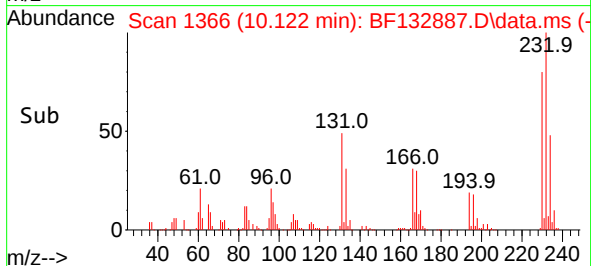
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



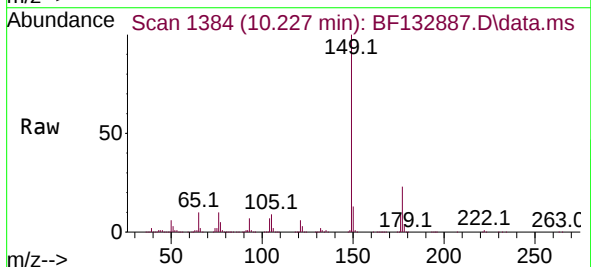
Tgt Ion:232 Resp: 21086  
Ion Ratio Lower Upper  
232 100  
131 46.8 35.9 53.9  
130 2.2 1.8 2.8  
166 29.6 23.5 35.3

Manual Integrations  
APPROVED

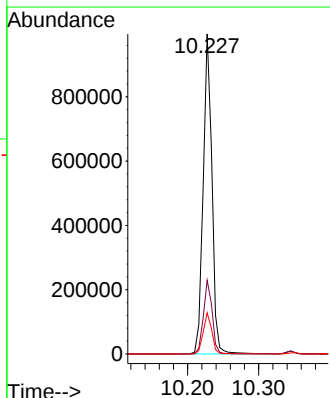
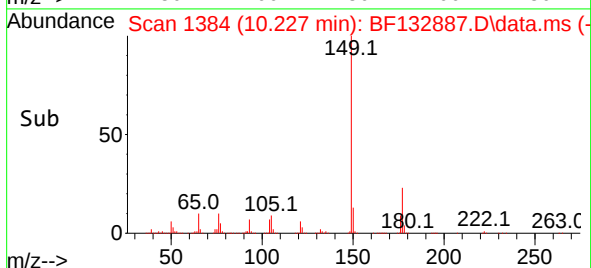
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

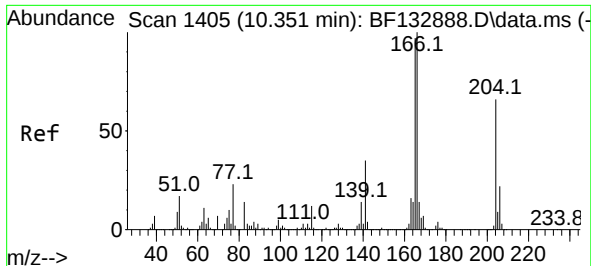


#60  
Diethylphthalate  
Concen: 21.387 ng  
RT: 10.227 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



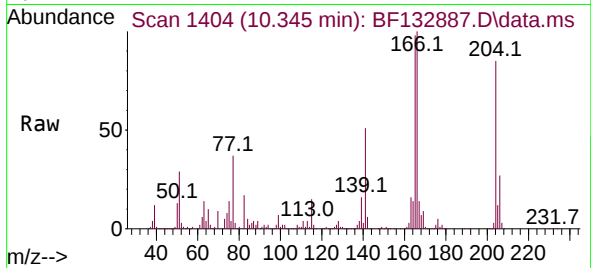
Tgt Ion:149 Resp: 855628  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.5 27.7  
150 12.9 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 21.688 ng  
RT: 10.345 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

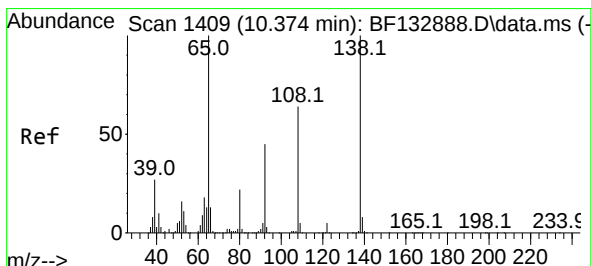
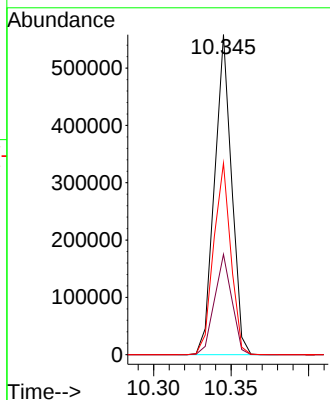
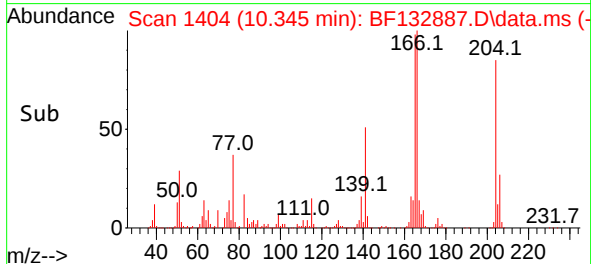
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



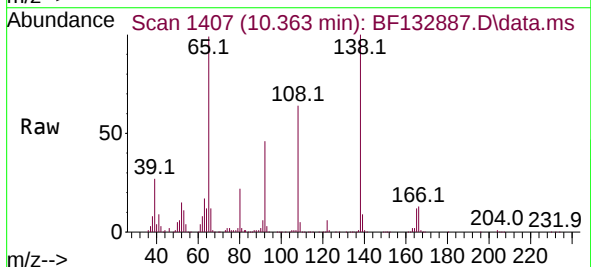
Tgt Ion:204 Resp: 428070  
Ion Ratio Lower Upper  
204 100  
206 31.4 26.6 40.0  
141 59.8 43.1 64.7

Manual Integrations  
APPROVED

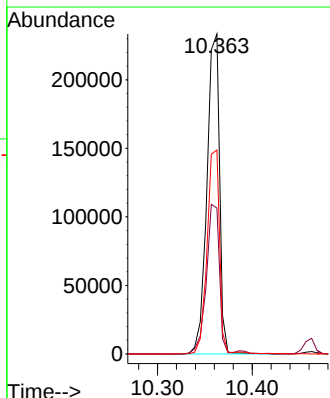
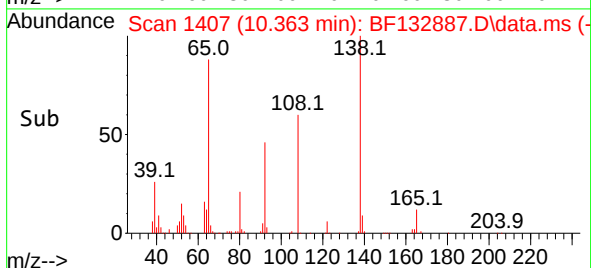
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

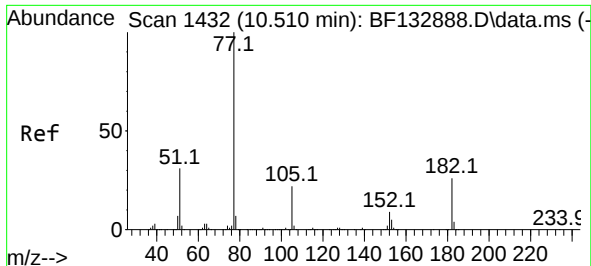


#62  
4-Nitroaniline  
Concen: 21.057 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



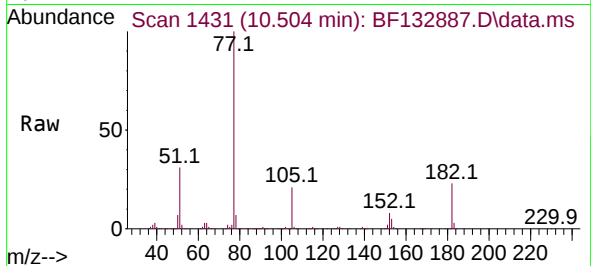
Tgt Ion:138 Resp: 216197  
Ion Ratio Lower Upper  
138 100  
92 45.6 25.0 65.0  
108 63.7 44.2 84.2





#63  
Azobenzene  
Concen: 21.731 ng  
RT: 10.504 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

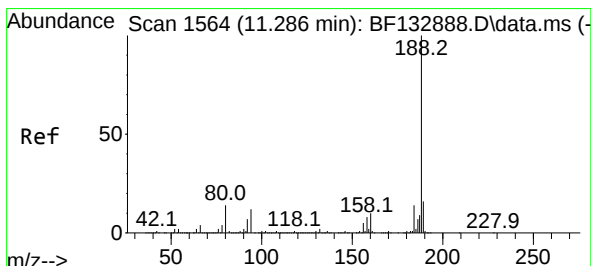
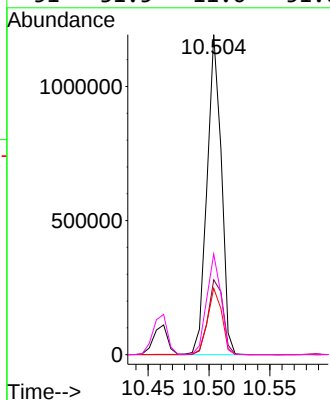
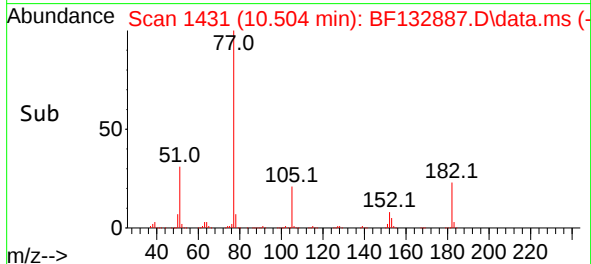
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC020



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.4  | 6.0   | 46.0  |
| 105     | 20.8  | 1.6   | 41.6  |
| 51      | 31.5  | 11.6  | 51.6  |

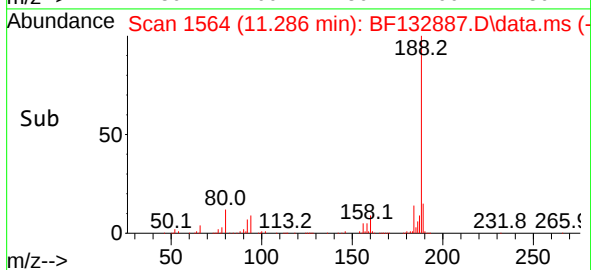
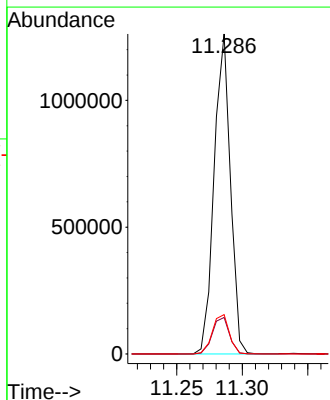
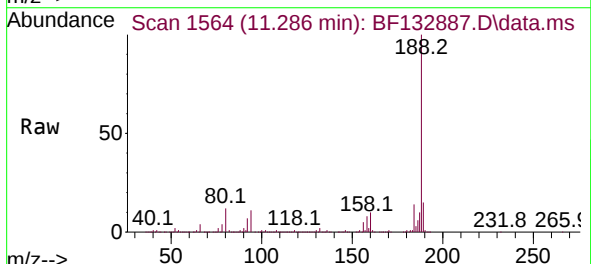
Manual Integrations  
APPROVED

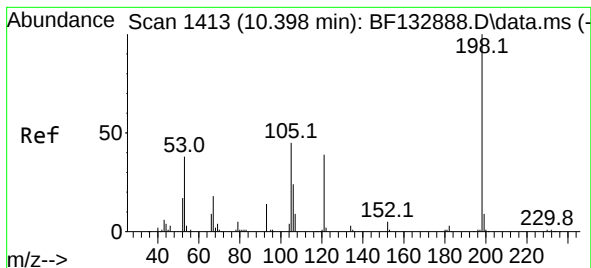
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.4  | 9.9   | 14.9  |
| 80      | 12.3  | 10.8  | 16.2  |





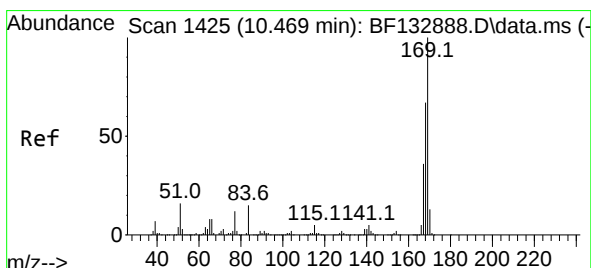
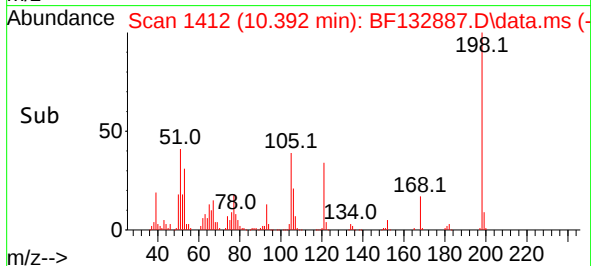
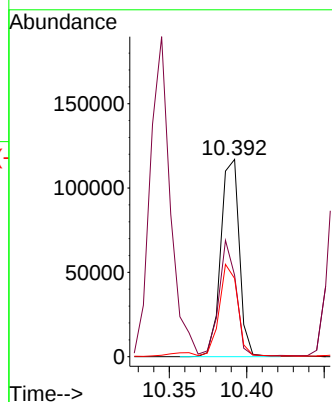
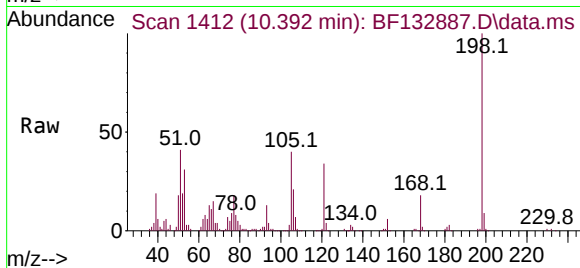
#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.734 ng  
RT: 10.392 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:198 Resp: 97451  
Ion Ratio Lower Upper  
198 100  
51 41.3 34.6 74.6  
105 39.7 25.6 65.6

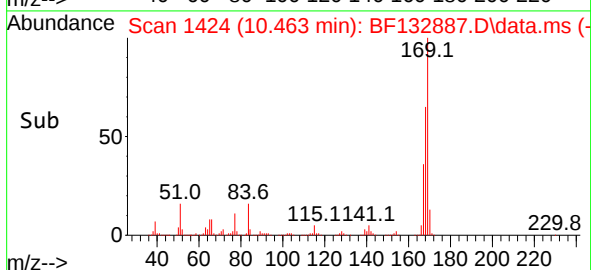
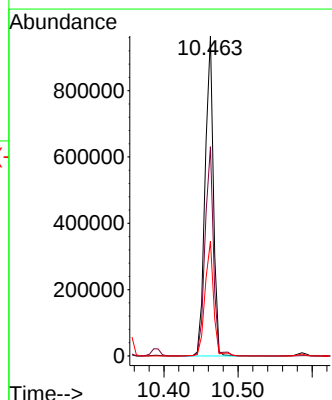
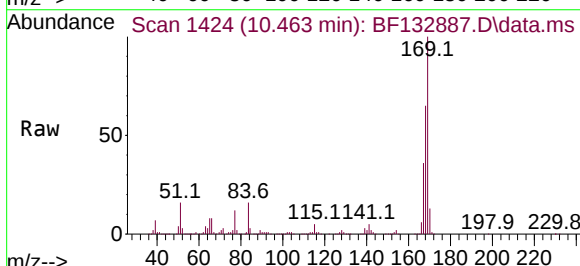
Manual Integrations  
APPROVED

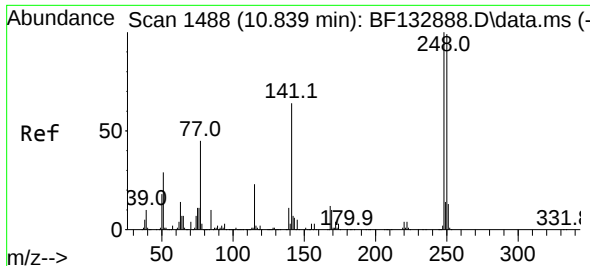
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#66  
n-Nitrosodiphenylamine  
Concen: 21.067 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:169 Resp: 745252  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.4 80.0  
167 35.8 29.0 43.6





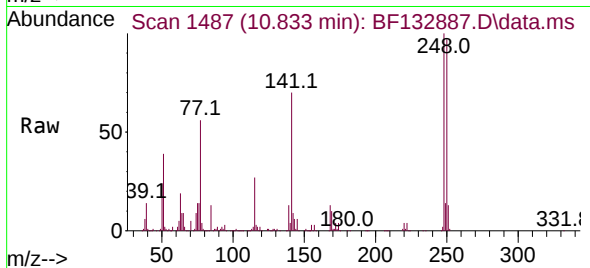
#67  
4-Bromophenyl-phenylether  
Concen: 21.045 ng  
RT: 10.833 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

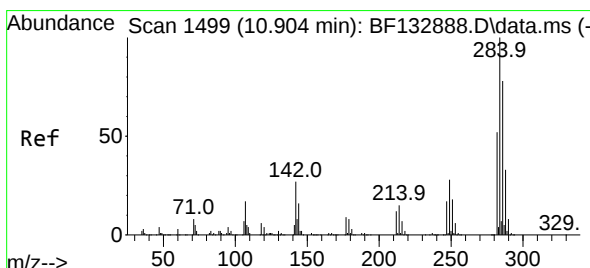
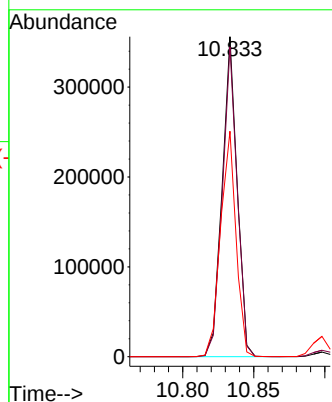
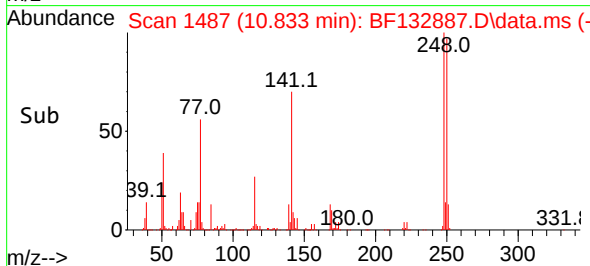


Tgt Ion:248 Resp: 261025  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.1 118.7  
141 70.5 51.0 76.6

Manual Integrations

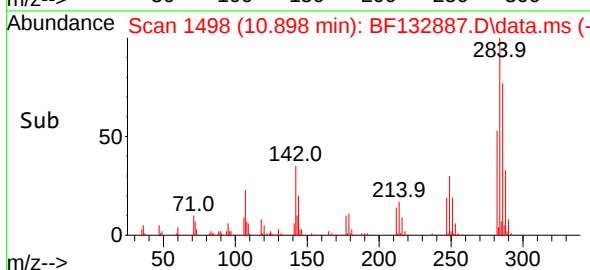
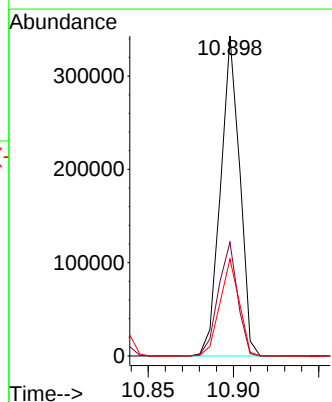
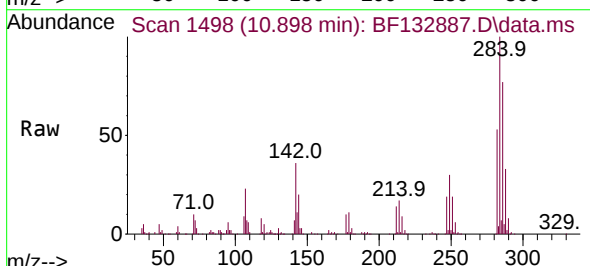
APPROVED

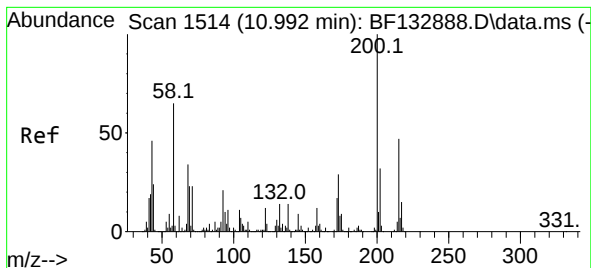
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#68  
Hexachlorobenzene  
Concen: 20.864 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:284 Resp: 268473  
Ion Ratio Lower Upper  
284 100  
142 35.5 22.0 33.0#  
249 30.3 22.6 34.0





#69

Atrazine

Concen: 21.339 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF132887.D

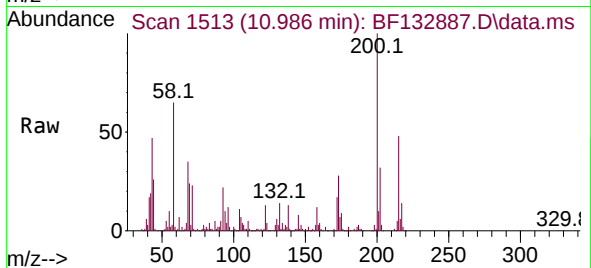
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:200 Resp: 21099

Ion Ratio Lower Upper

200 100

173 27.6 8.7 48.7

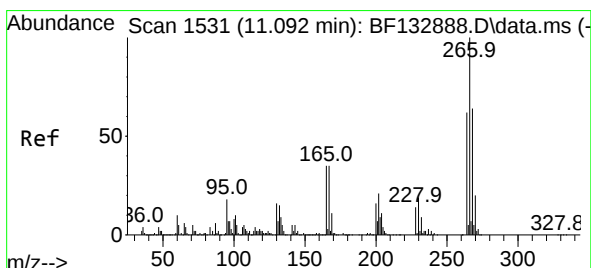
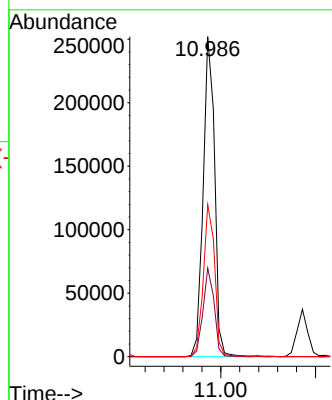
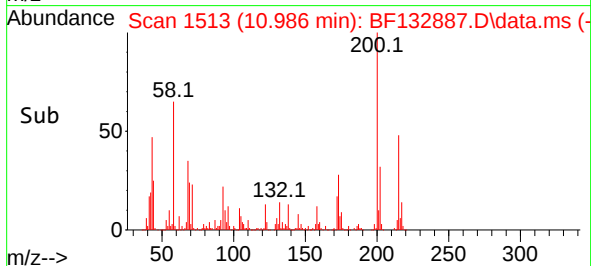
215 47.5 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#70

Pentachlorophenol

Concen: 20.428 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

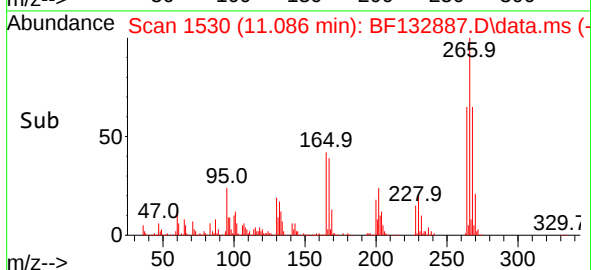
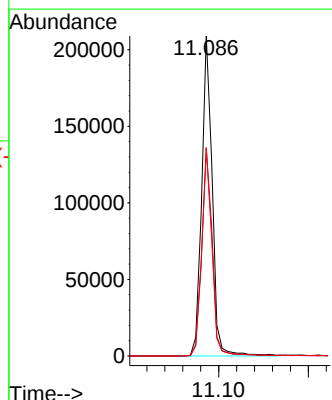
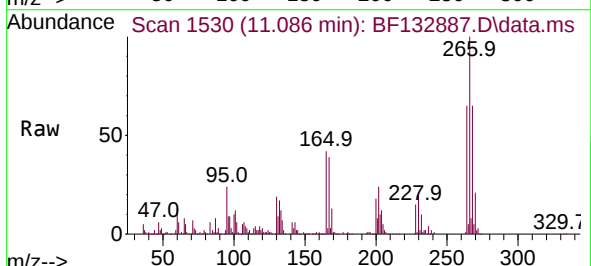
Tgt Ion:266 Resp: 169631

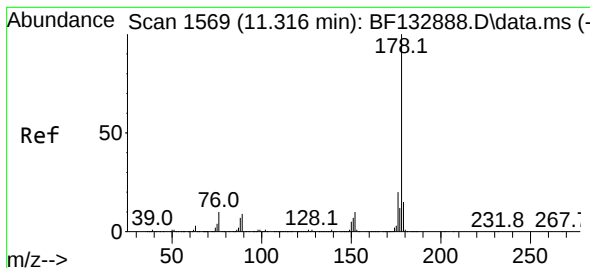
Ion Ratio Lower Upper

266 100

268 64.9 50.9 76.3

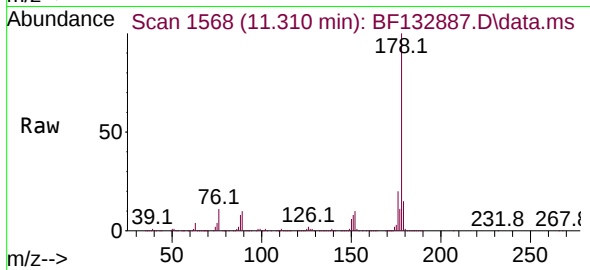
264 65.1 49.8 74.6





#71  
Phenanthrene  
Concen: 21.371 ng  
RT: 11.310 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

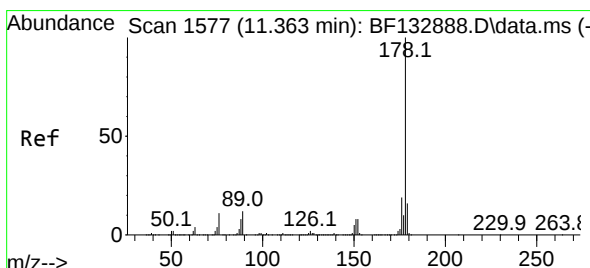
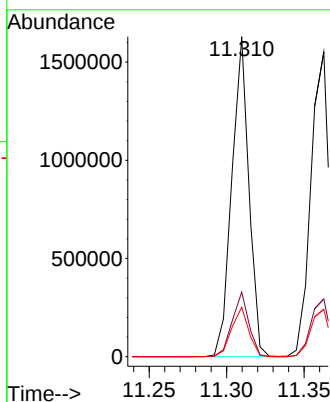
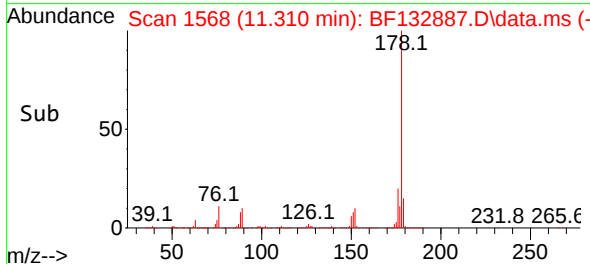
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



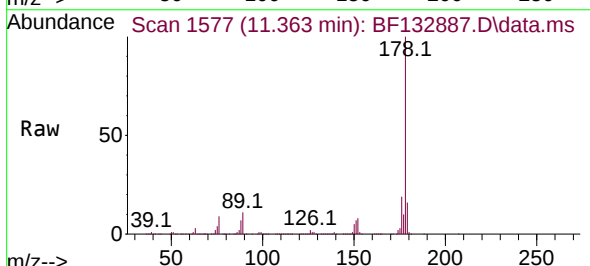
Tgt Ion:178 Resp: 1248598  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.9 23.9  
179 15.5 12.3 18.5

Manual Integrations  
APPROVED

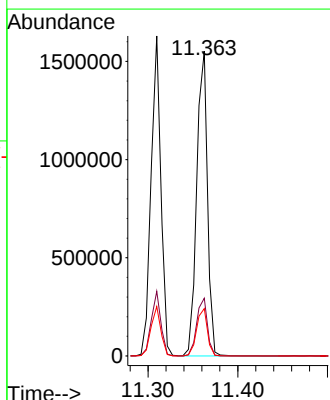
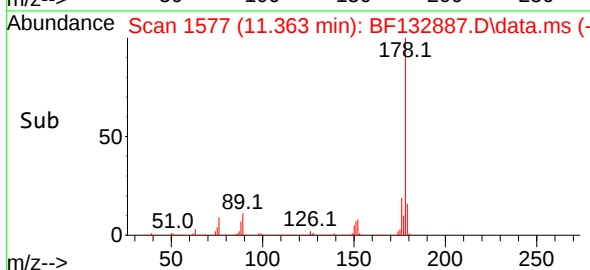
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

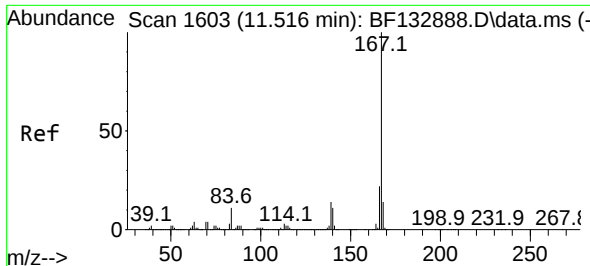


#72  
Anthracene  
Concen: 21.551 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



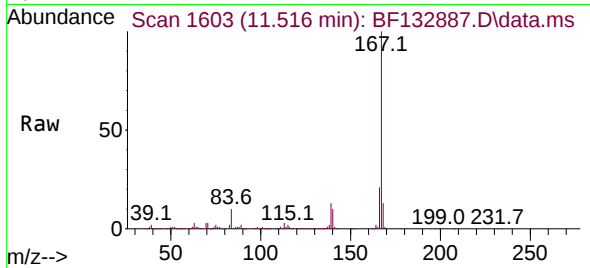
Tgt Ion:178 Resp: 1288919  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.5 12.8 19.2





#73  
 Carbazole  
 Concen: 21.544 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. 0.000 min  
 Lab File: BF132887.D  
 Acq: 17 Apr 2023 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

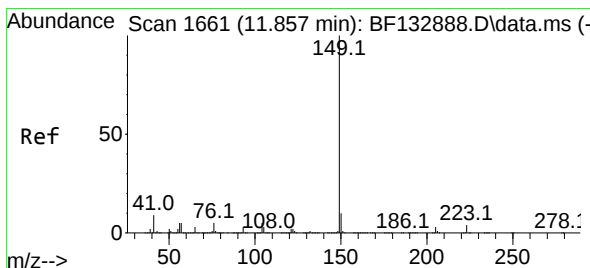
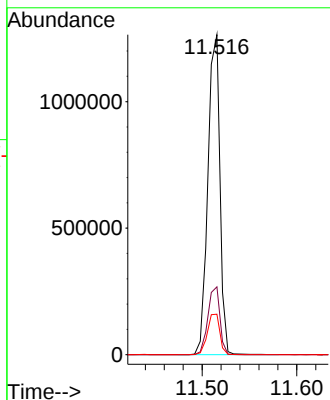
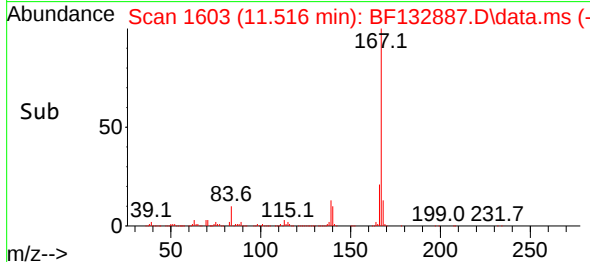


Tgt Ion:167 Resp: 1114917  

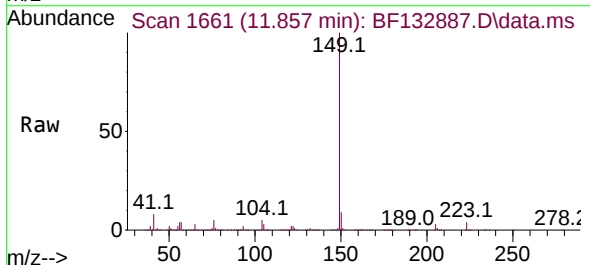
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.2  | 17.4  | 26.2  |
| 139 | 12.6  | 11.0  | 16.4  |

Manual Integrations  
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Reviewed By :Christian Giraldo 04/18/2023  
 Supervised By :Jagrut Upadhyay 04/18/2023

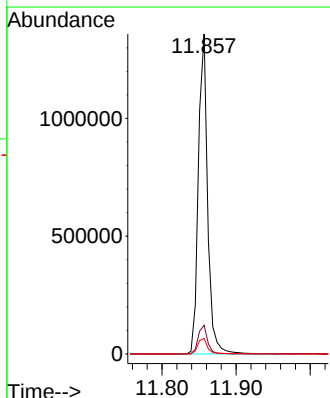
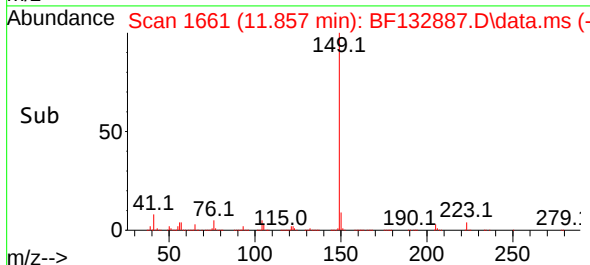


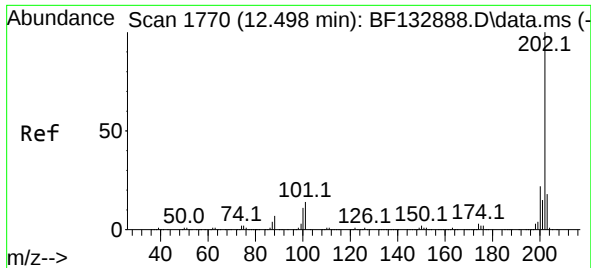
#74  
 Di-n-butylphthalate  
 Concen: 21.189 ng  
 RT: 11.857 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: BF132887.D  
 Acq: 17 Apr 2023 14:02



Tgt Ion:149 Resp: 1175493  

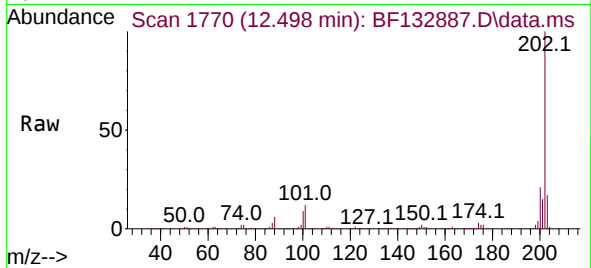
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.8   | 11.6  |
| 104 | 4.8   | 4.2   | 6.2   |





#75  
Fluoranthene  
Concen: 21.374 ng  
RT: 12.498 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

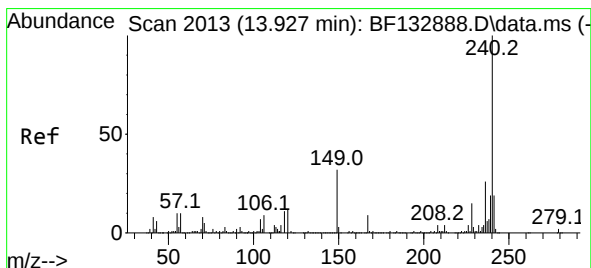
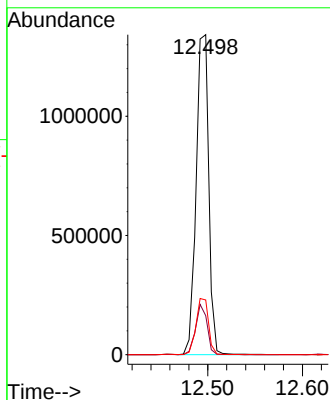
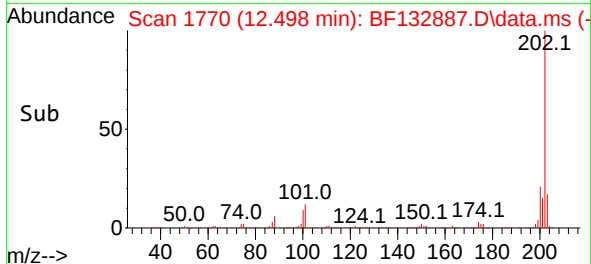
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



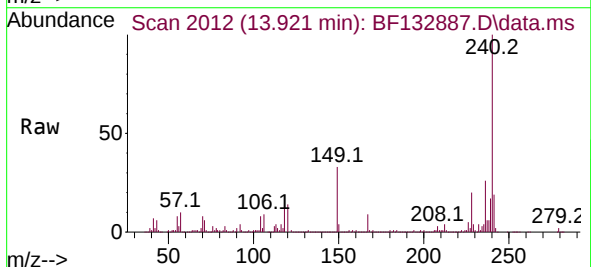
Tgt Ion:202 Resp: 1241850  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 34.5  
203 17.1 0.0 38.2

Manual Integrations  
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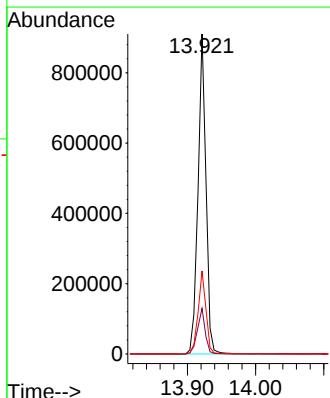
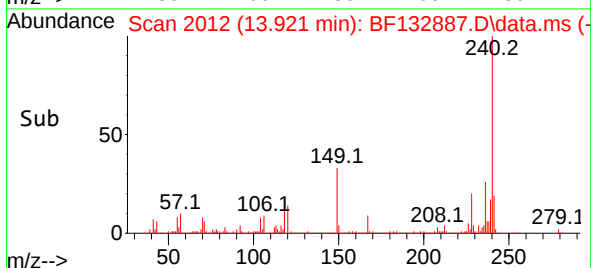
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

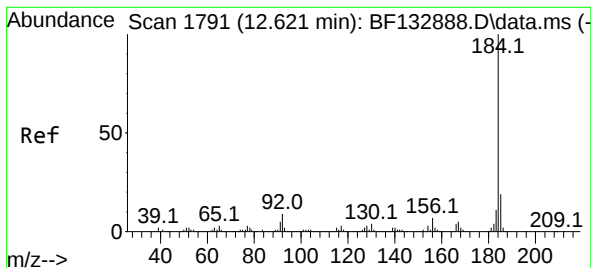


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.921 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:240 Resp: 738940  
Ion Ratio Lower Upper  
240 100  
120 14.3 10.0 15.0  
236 25.9 20.8 31.2





#77

Benzidine

Concen: 20.069 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF132887.D

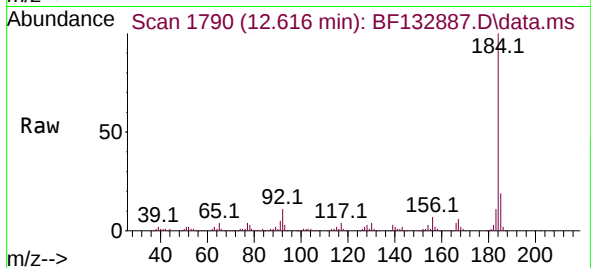
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:184 Resp: 231008

Ion Ratio Lower Upper

184 100

185 18.9 14.9 22.3

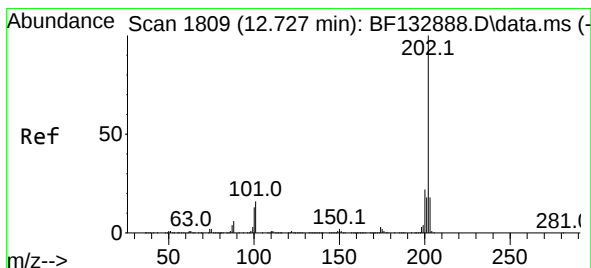
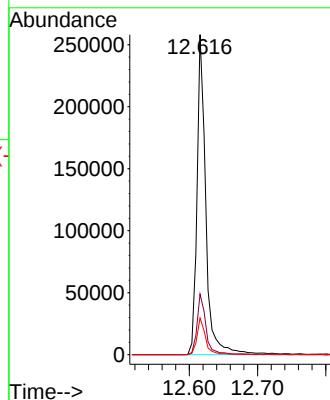
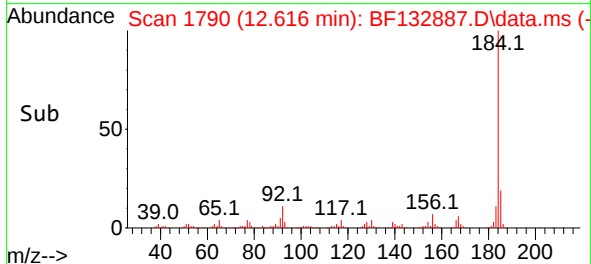
183 11.5 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#78

Pyrene

Concen: 20.973 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

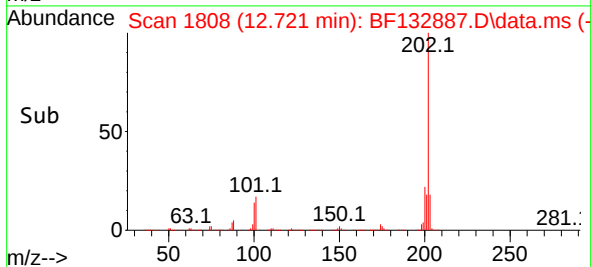
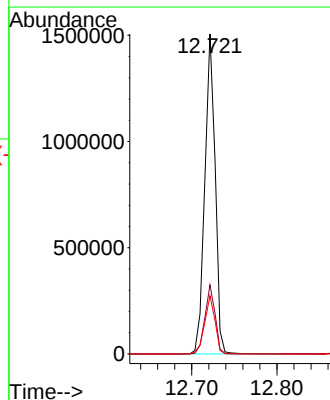
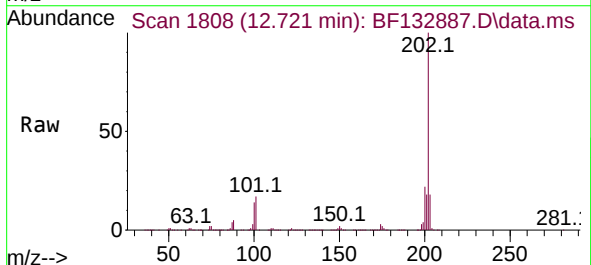
Tgt Ion:202 Resp: 1267241

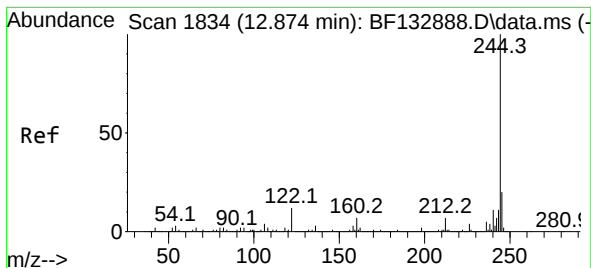
Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 42.379 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132887.D

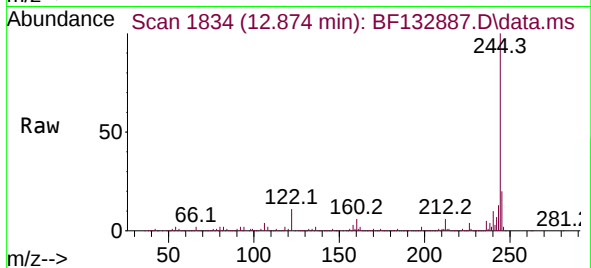
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 183552

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

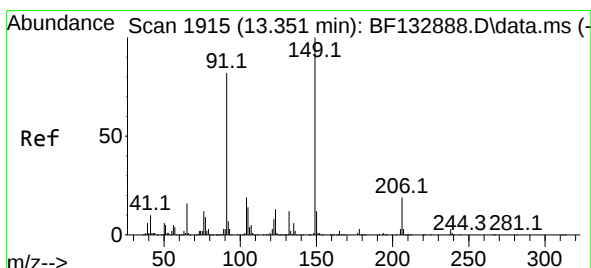
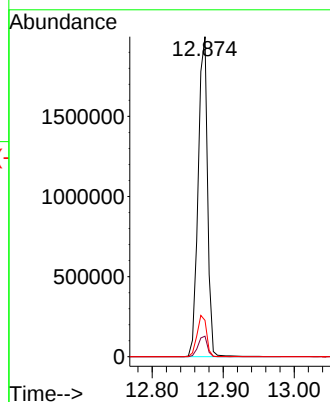
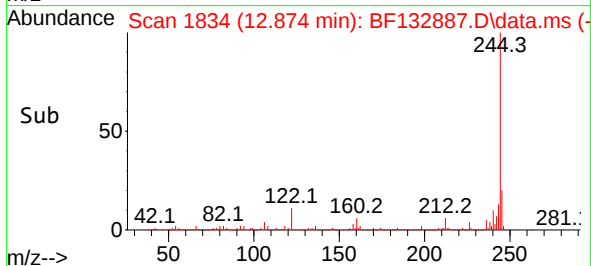
122 11.4 9.6 14.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#80

Butylbenzylphthalate

Concen: 18.779 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

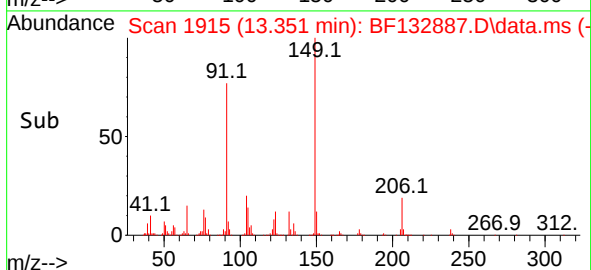
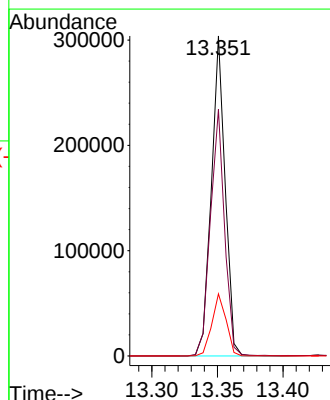
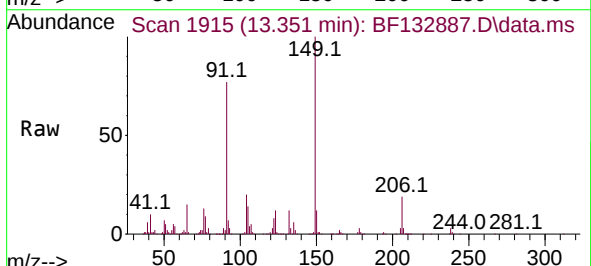
Tgt Ion:149 Resp: 222791

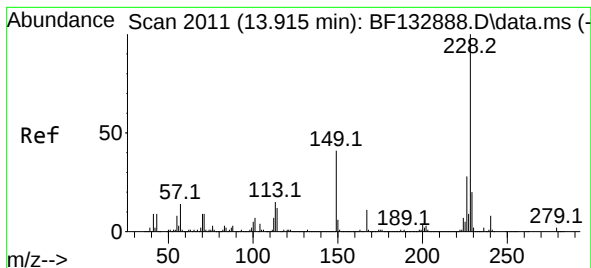
Ion Ratio Lower Upper

149 100

91 77.0 65.4 98.0

206 19.4 15.6 23.4





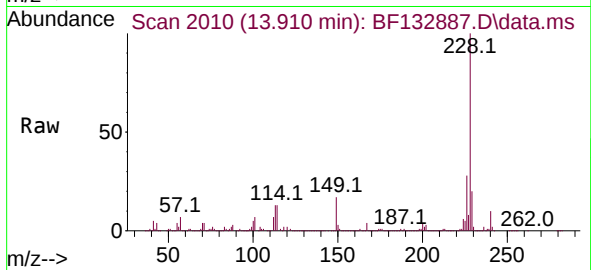
#81  
Benzo(a)anthracene  
Concen: 21.094 ng  
RT: 13.910 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

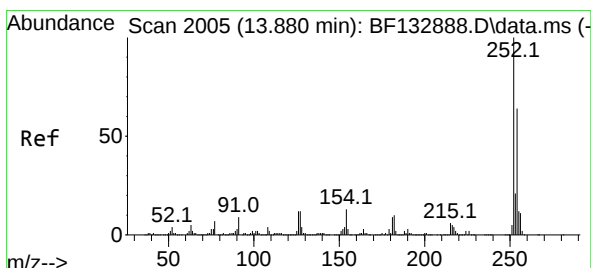
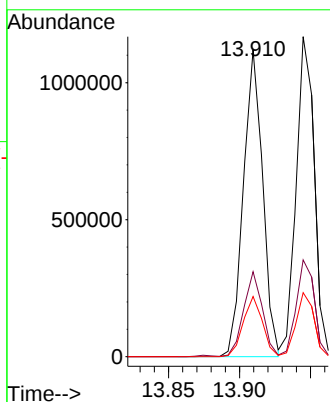
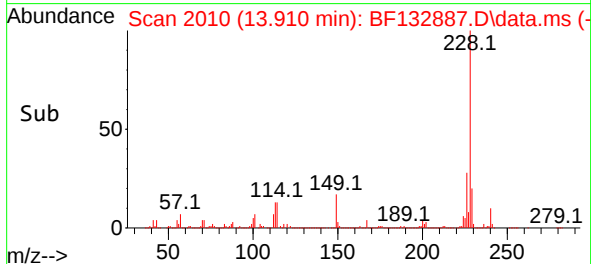


Tgt Ion:228 Resp: 1060044  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.4 33.6  
229 19.6 16.2 24.2

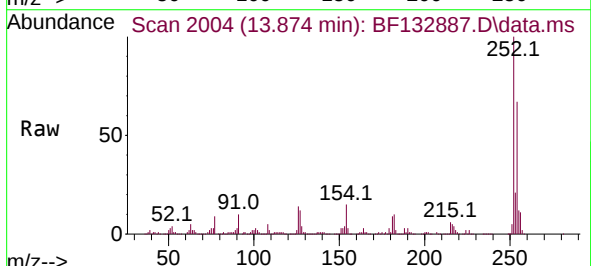
Manual Integrations

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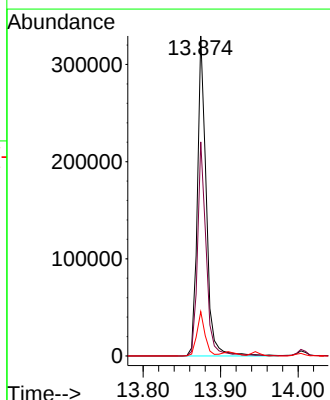
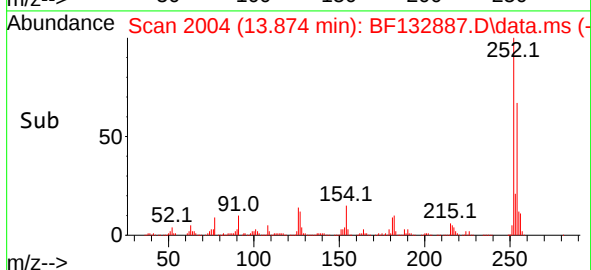
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

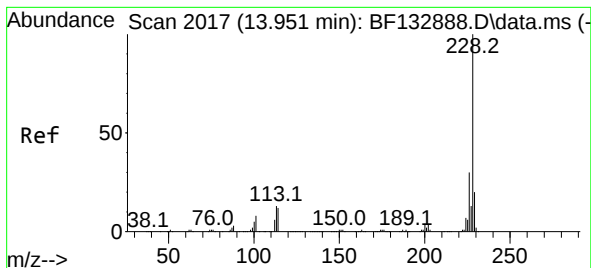


#82  
3,3'-Dichlorobenzidine  
Concen: 21.488 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:252 Resp: 261205  
Ion Ratio Lower Upper  
252 100  
254 66.9 51.0 76.6  
126 13.9 9.8 14.6





#83

Chrysene

Concen: 20.809 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 103936

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

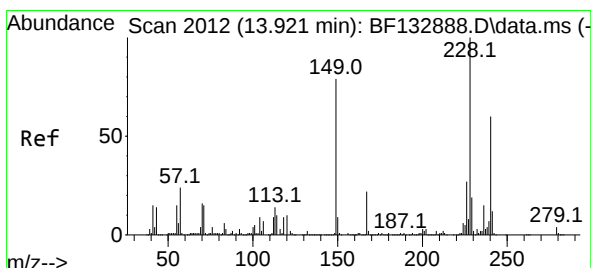
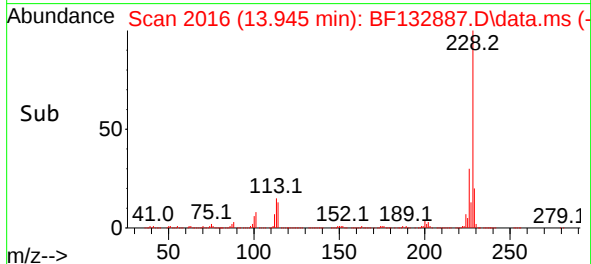
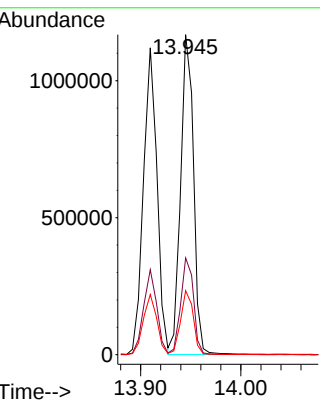
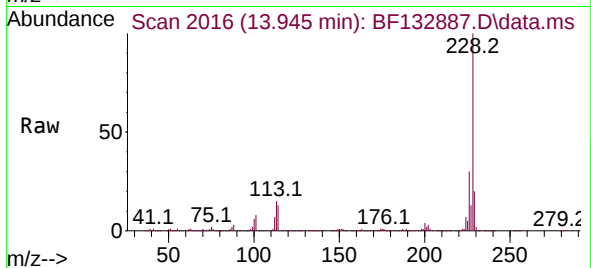
229 20.0 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.156 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

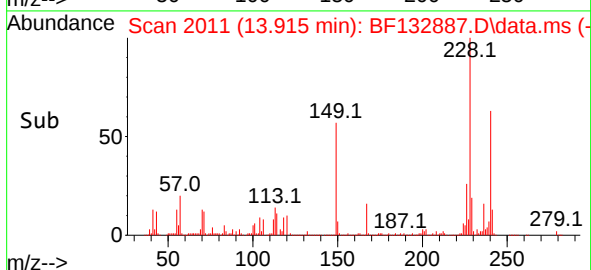
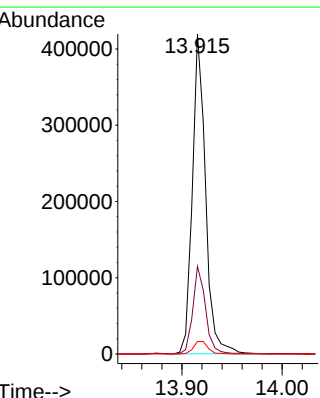
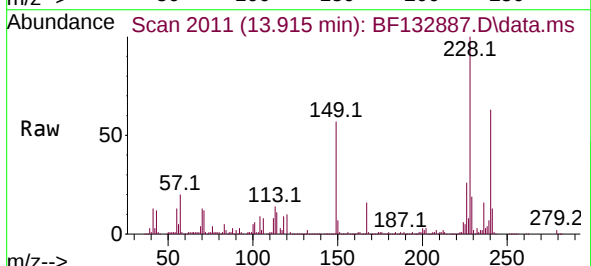
Tgt Ion:149 Resp: 385246

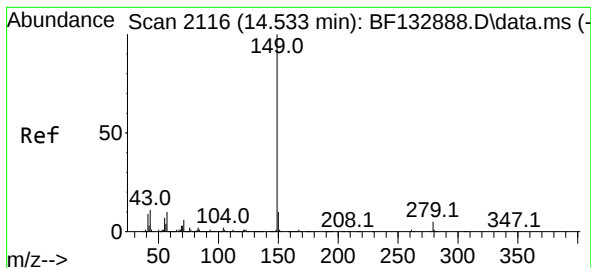
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 3.9 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 19.637 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:149 Resp: 635052

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

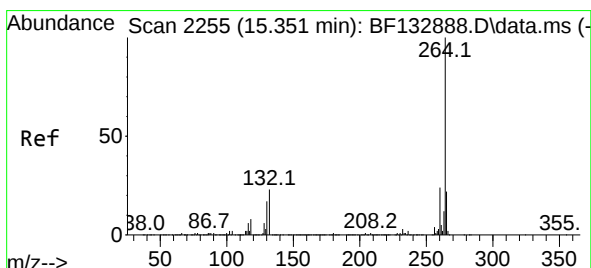
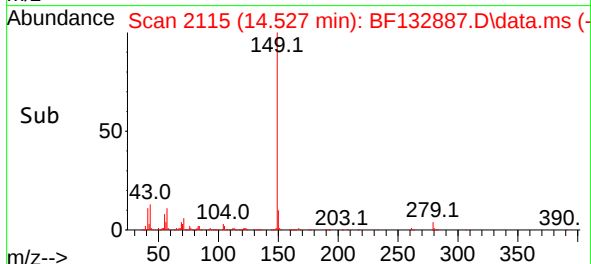
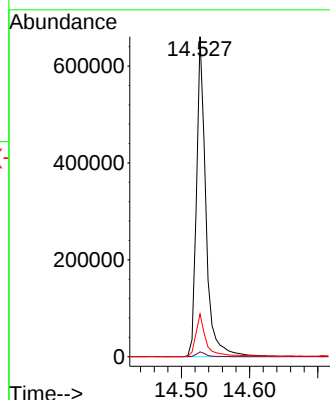
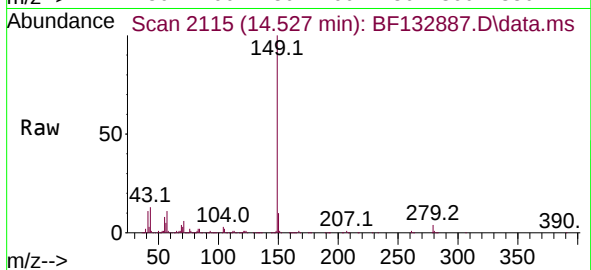
43 14.8 11.5 17.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132887.D

Acq: 17 Apr 2023 14:02

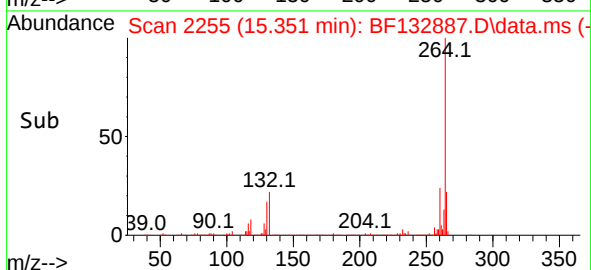
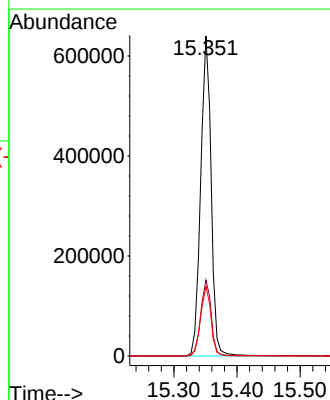
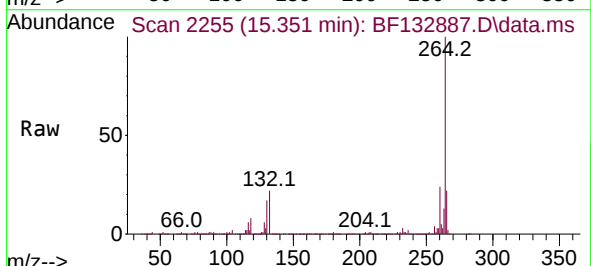
Tgt Ion:264 Resp: 733365

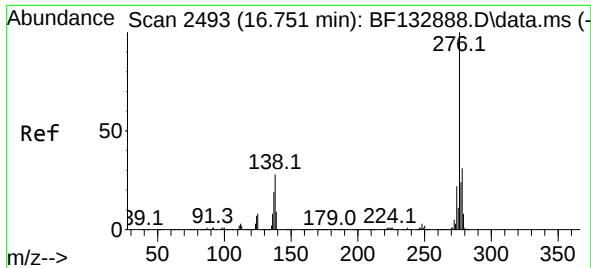
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 17.7 26.5





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 20.944 ng  
RT: 16.745 min Scan# 2492  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

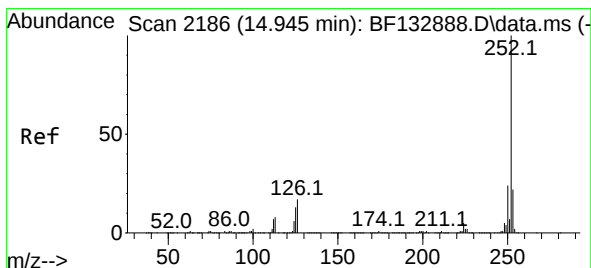
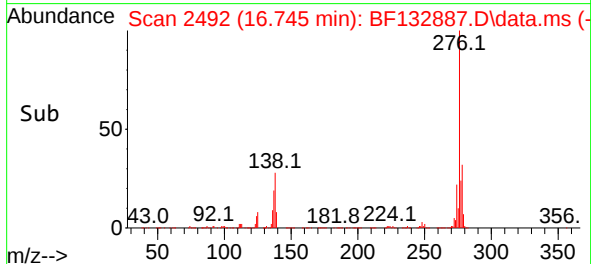
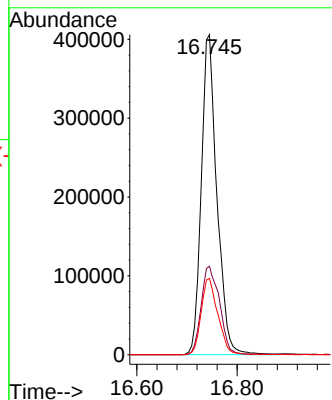
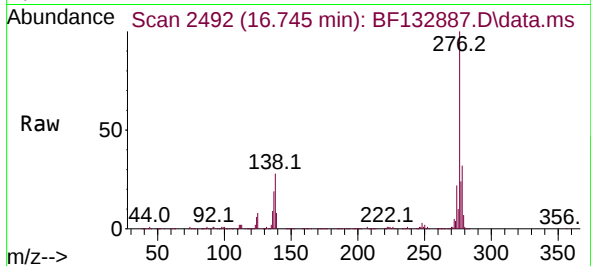
ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 87764  
Ion Ratio Lower Upper  
276 100  
138 32.4 25.5 38.3  
277 25.5 20.3 30.5

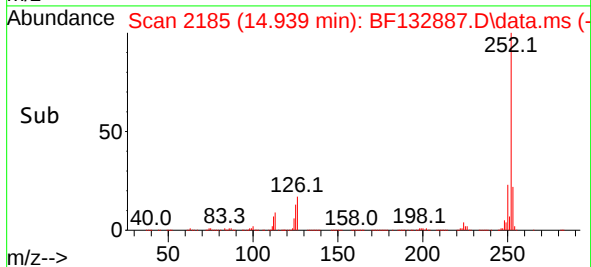
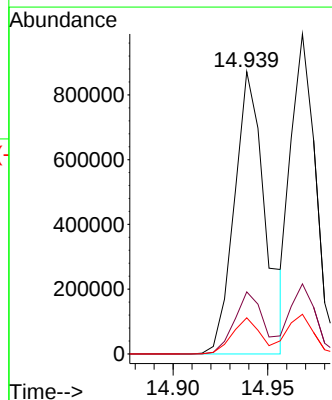
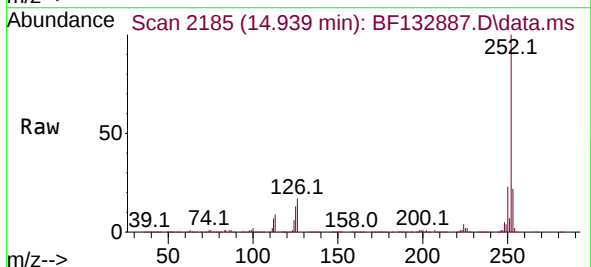
Manual Integrations  
APPROVED

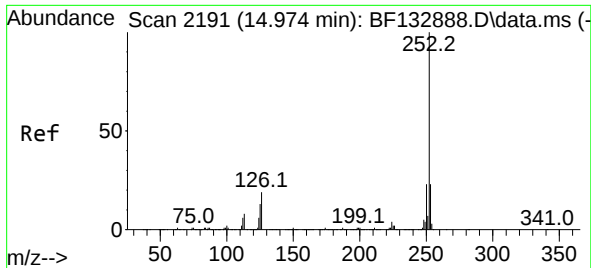
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#88  
Benzo(b)fluoranthene  
Concen: 21.605 ng  
RT: 14.939 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

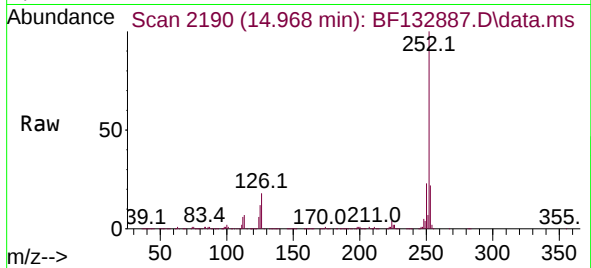
Tgt Ion:252 Resp: 986948  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 12.8 10.0 15.0





#89  
Benzo(k)fluoranthene  
Concen: 19.900 ng  
RT: 14.968 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

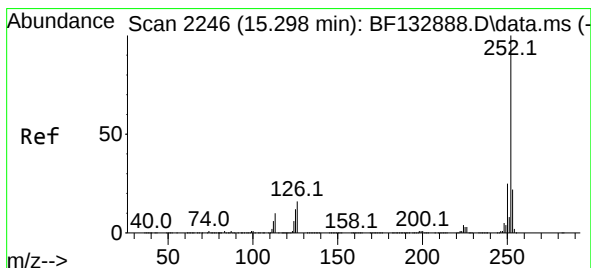
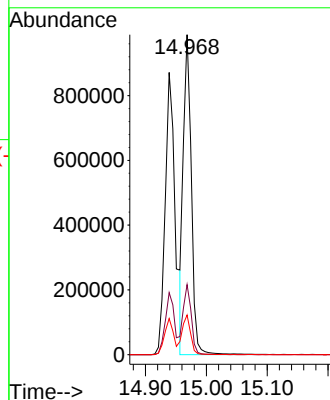
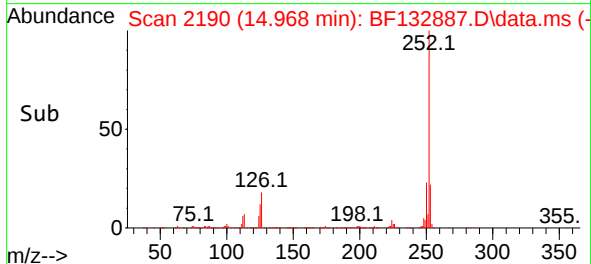
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



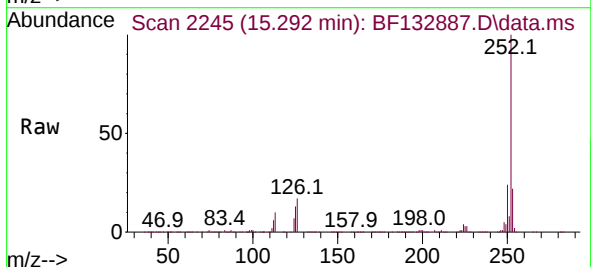
Tgt Ion:252 Resp: 905579  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 12.4 10.0 15.0

Manual Integrations  
APPROVED

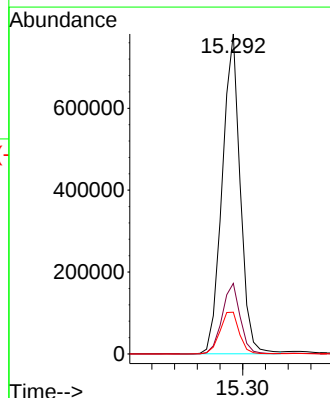
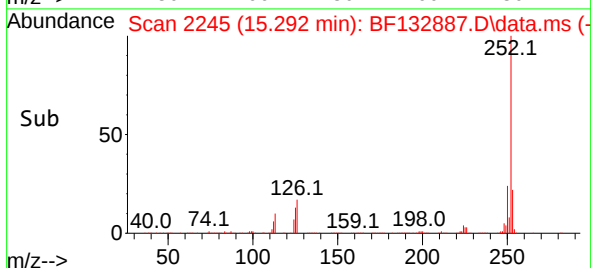
Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023

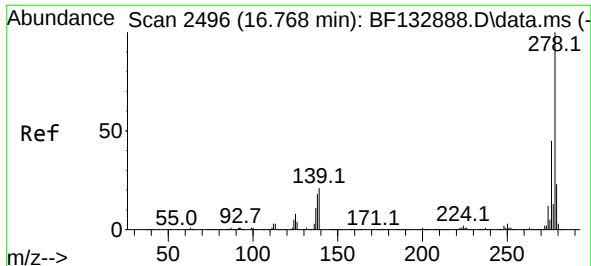


#90  
Benzo(a)pyrene  
Concen: 20.637 ng  
RT: 15.292 min Scan# 2245  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02



Tgt Ion:252 Resp: 861276  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 13.1 9.9 14.9





#91  
Dibenzo(a,h)anthracene  
Concen: 21.189 ng  
RT: 16.762 min Scan# 2496  
Delta R.T. -0.006 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Instrument :

BNA\_F

ClientSampleId :

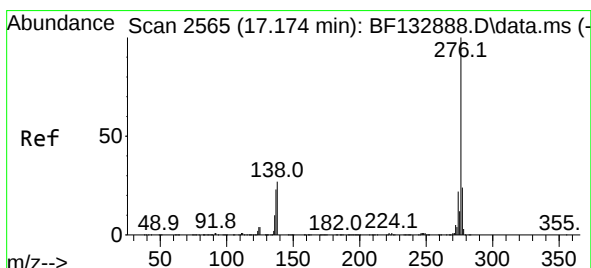
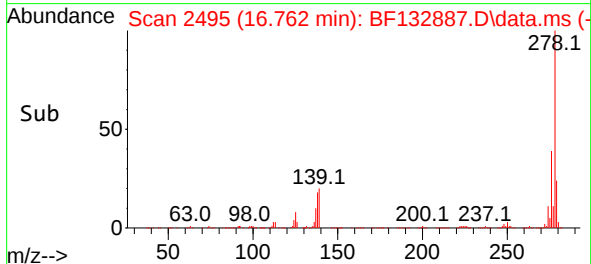
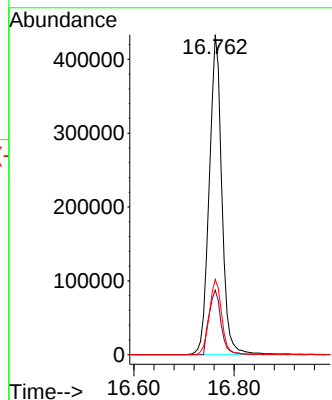
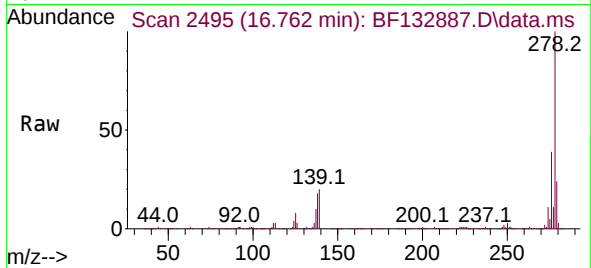
SSTDICC020

Tgt Ion:278 Resp: 75656  
Ion Ratio Lower Upper  
278 100  
139 20.2 16.7 25.1  
279 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023  
Supervised By :Jagrut Upadhyay 04/18/2023



#92  
Benzo(g,h,i)perylene  
Concen: 20.841 ng  
RT: 17.162 min Scan# 2563  
Delta R.T. -0.012 min  
Lab File: BF132887.D  
Acq: 17 Apr 2023 14:02

Tgt Ion:276 Resp: 712473  
Ion Ratio Lower Upper  
276 100  
277 22.5 18.9 28.3  
138 26.8 21.7 32.5

