

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101222\  
 Data File : BF130622.D  
 Acq On : 12 Oct 2022 10:22  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/13/2022  
 Supervised By : Jagrut Upadhyay 10/13/2022

Quant Time: Oct 13 05:37:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.587  | 152  | 85956    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.875  | 136  | 318490   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.622  | 164  | 171337   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.098 | 188  | 291541   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.727 | 240  | 174332   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.098 | 264  | 147726   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.181  | 112  | 394459   | 82.720 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.240  | 99   | 487521   | 81.315 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.163  | 82   | 483957   | 82.952 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.410 | 330  | 151851   | 90.575 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.951  | 172  | 975409   | 86.233 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.680 | 244  | 925391   | 88.102 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.152  | 88   | 93287    | 32.336 | ng    | 99       |
| 3) Pyridine                   | 2.805  | 79   | 210083   | 40.709 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 2.775  | 42   | 102588   | 42.192 | ng    | 95       |
| 6) Aniline                    | 6.257  | 93   | 293807   | 40.932 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.375  | 128  | 231456   | 41.274 | ng    | 99       |
| 9) Benzaldehyde               | 6.140  | 77   | 143838   | 38.186 | ng    | 99       |
| 10) Phenol                    | 6.251  | 94   | 280010   | 40.364 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.334  | 93   | 202216   | 40.130 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.528  | 146  | 256770   | 41.818 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.604  | 146  | 262007   | 42.062 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.757  | 146  | 240384   | 41.436 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.745  | 79   | 182165   | 42.320 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.875  | 45   | 258662   | 39.899 | ng    | 98       |
| 17) 2-Methylphenol            | 6.863  | 107  | 184588   | 41.380 | ng    | 97       |
| 18) Hexachloroethane          | 7.098  | 117  | 96675    | 41.025 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.016  | 70   | 155269   | 40.141 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.016  | 107  | 237293   | 39.698 | ng    | 99       |
| 22) Acetophenone              | 7.010  | 105  | 313093   | 40.980 | ng    | 99       |
| 24) Nitrobenzene              | 7.181  | 77   | 242424   | 41.319 | ng    | 99       |
| 25) Isophorone                | 7.422  | 82   | 400080   | 41.203 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.493  | 139  | 121648   | 42.279 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 7.540  | 122  | 167598   | 41.793 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.634  | 93   | 231540   | 41.182 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.740  | 162  | 191457   | 42.672 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.816  | 180  | 209025   | 43.213 | ng    | 98       |
| 31) Naphthalene               | 7.893  | 128  | 688699   | 41.774 | ng    | 99       |
| 32) Benzoic acid              | 7.687  | 122  | 92293m   | 36.379 | ng    |          |
| 33) 4-Chloroaniline           | 7.951  | 127  | 264145   | 41.360 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.010  | 225  | 134150   | 44.685 | ng    | 99       |
| 35) Caprolactam               | 8.334  | 113  | 56795    | 42.072 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.440  | 107  | 203154   | 41.743 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.587  | 142  | 451352   | 43.504 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.681  | 142  | 434048   | 43.096 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.751  | 216  | 200021   | 43.028 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.734  | 237  | 62685    | 40.849 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 8.869  | 196  | 134009   | 42.934 | ng    | 100      |

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 10/13/2022  
 Supervised By : Jagrut Upadhyay 10/13/2022

Quant Time: Oct 13 05:37:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.910  | 196  | 149392   | 43.523 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.051  | 154  | 520947   | 41.954 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.069  | 162  | 432792   | 42.646 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.175  | 65   | 128375   | 42.022 | ng    | 91       |
| 49) Acenaphthylene            | 9.481  | 152  | 640147   | 42.099 | ng    | 99       |
| 50) Dimethylphthalate         | 9.357  | 163  | 506012   | 42.664 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.422  | 165  | 109585   | 42.121 | ng    | 96       |
| 52) Acenaphthene              | 9.657  | 154  | 393269   | 42.688 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.592  | 138  | 121137   | 42.477 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.698  | 184  | 49274    | 39.830 | ng    | # 86     |
| 55) Dibenzofuran              | 9.828  | 168  | 597214   | 42.553 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.763  | 139  | 70459    | 44.809 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 144873   | 43.327 | ng    | 95       |
| 58) Fluorene                  | 10.169 | 166  | 492212   | 42.659 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 9.951  | 232  | 119724   | 43.750 | ng    | 98       |
| 60) Diethylphthalate          | 10.051 | 149  | 493436   | 41.698 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.163 | 204  | 225251   | 43.181 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.204 | 138  | 112272   | 41.234 | ng    | 96       |
| 63) Azobenzene                | 10.322 | 77   | 446184   | 40.032 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.234 | 198  | 79189    | 43.465 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.286 | 169  | 402340   | 41.488 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.651 | 248  | 145372   | 44.069 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.710 | 284  | 163514   | 43.849 | ng    | 97       |
| 69) Atrazine                  | 10.816 | 200  | 119082   | 45.094 | ng    | 99       |
| 70) Pentachlorophenol         | 10.910 | 266  | 63799    | 43.959 | ng    | 97       |
| 71) Phenanthrene              | 11.122 | 178  | 683398   | 42.309 | ng    | 99       |
| 72) Anthracene                | 11.175 | 178  | 667657   | 42.323 | ng    | 99       |
| 73) Carbazole                 | 11.339 | 167  | 585796   | 41.616 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.669 | 149  | 726668   | 42.617 | ng    | 100      |
| 75) Fluoranthene              | 12.304 | 202  | 660944   | 42.575 | ng    | 98       |
| 77) Benzidine                 | 12.439 | 184  | 165207   | 37.492 | ng    | 98       |
| 78) Pyrene                    | 12.533 | 202  | 649470   | 43.184 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.163 | 149  | 253067   | 43.759 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.716 | 228  | 490644   | 41.769 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.686 | 252  | 143715   | 42.338 | ng    | 99       |
| 83) Chrysene                  | 13.757 | 228  | 469666   | 42.170 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.716 | 149  | 312688   | 44.599 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.327 | 149  | 465777   | 43.378 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.386 | 276  | 515312   | 46.606 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.721 | 252  | 398444   | 42.595 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.751 | 252  | 405615   | 42.585 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.045 | 252  | 328939   | 42.251 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.398 | 278  | 427183   | 47.134 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 16.774 | 276  | 428549   | 50.768 | ng    | 97       |

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

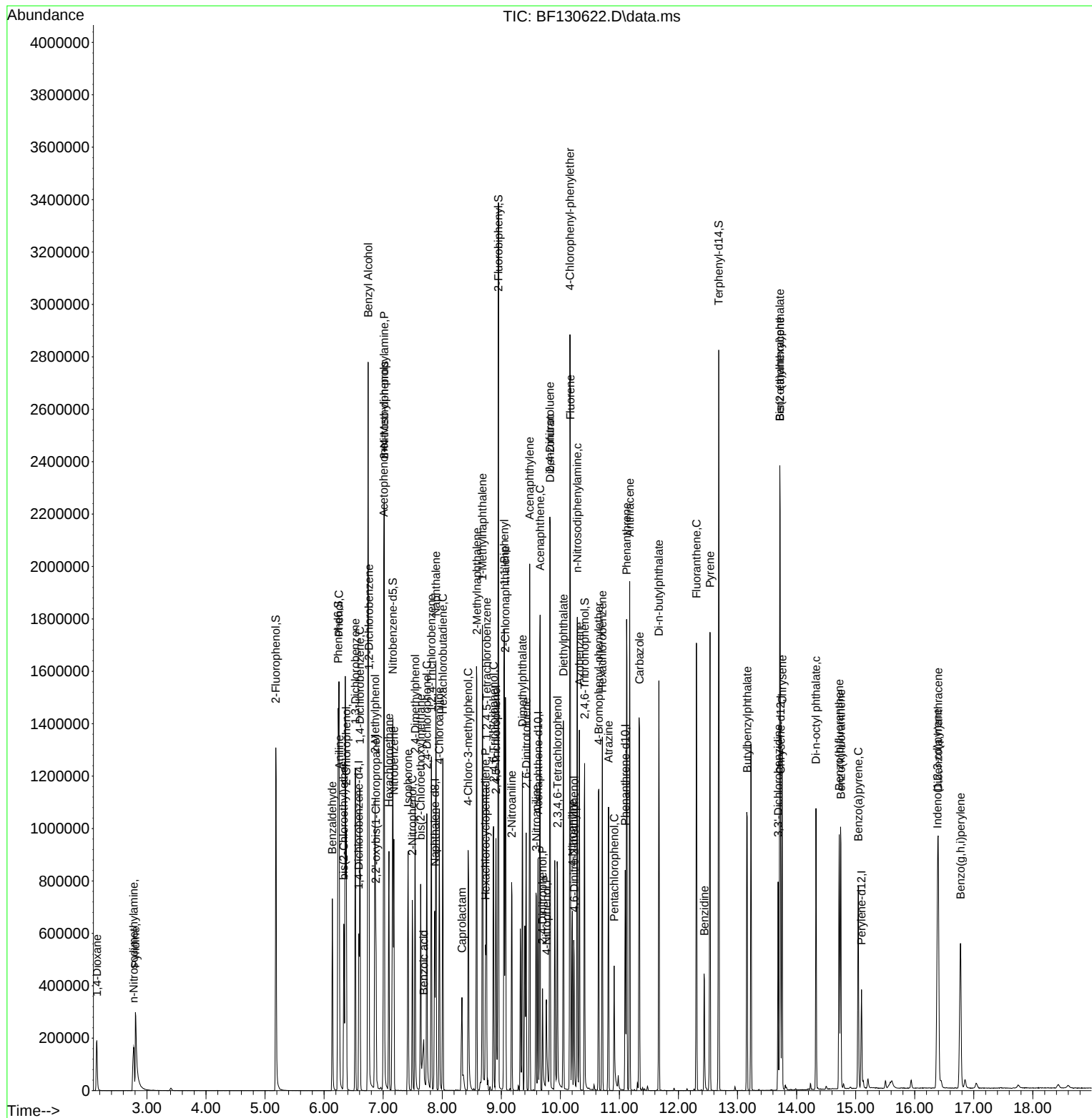
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101222\  
Data File : BF130622.D  
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Operator : CG\JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

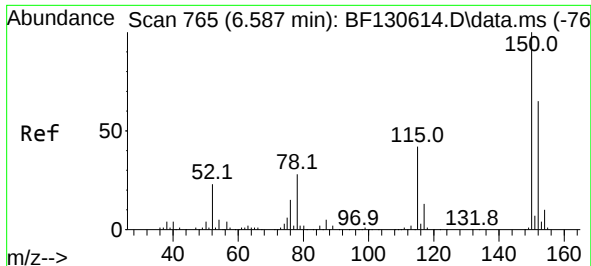
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Quant Time: Oct 13 05:37:41 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 12 06:52:52 2022  
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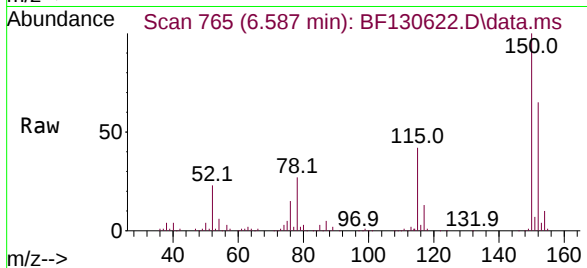
Reviewed By : Christian Giraldo 10/13/2022  
Supervised By : Jagrut Upadhyay 10/13/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.587 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

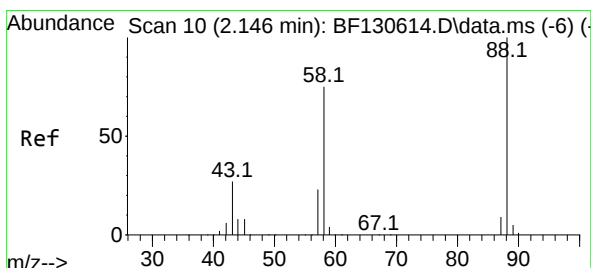
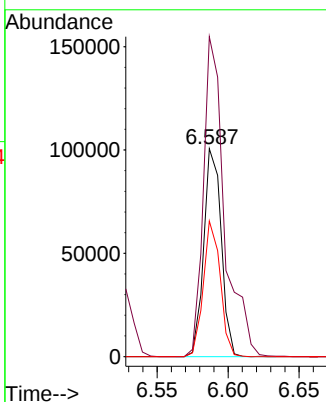
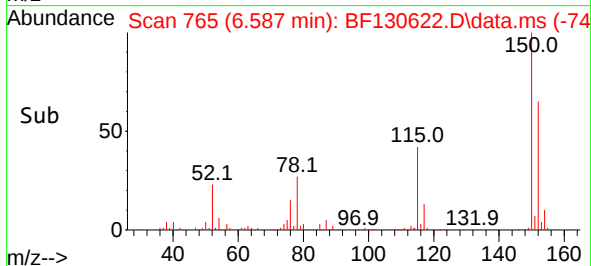
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



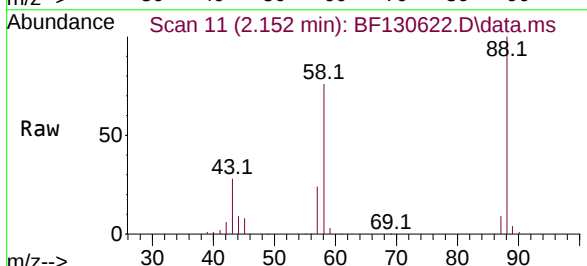
Tgt Ion: 152 Resp: 85956  
Ion Ratio Lower Upper  
152 100  
150 153.9 123.8 185.6  
115 65.2 52.2 78.4

Manual Integrations  
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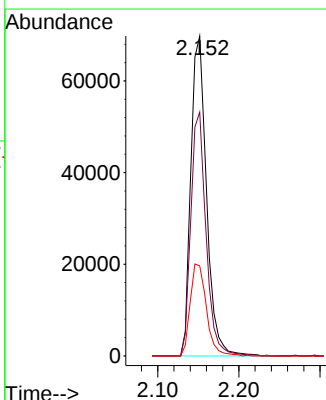
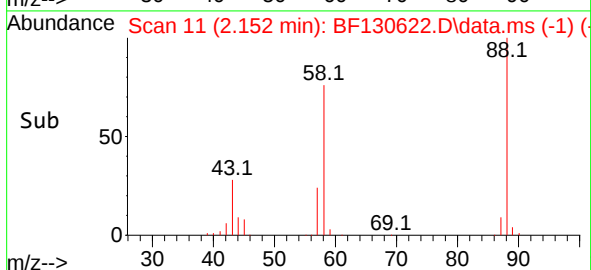
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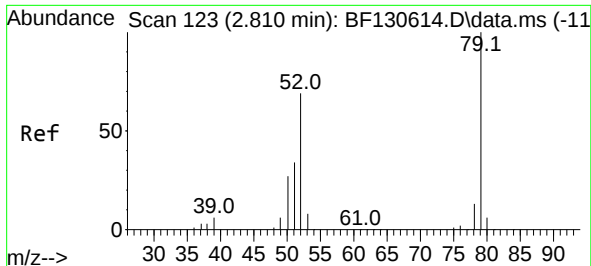


#2  
1,4-Dioxane  
Concen: 32.336 ng  
RT: 2.152 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



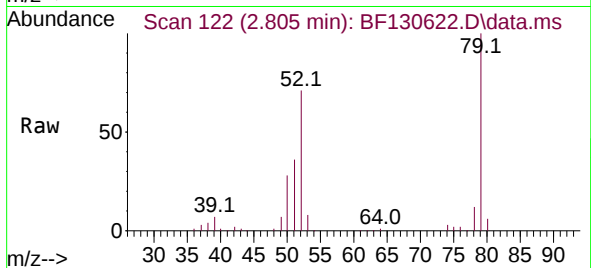
Tgt Ion: 88 Resp: 93287  
Ion Ratio Lower Upper  
88 100  
58 74.0 58.8 88.2  
43 29.8 22.2 33.4





#3  
Pyridine  
Concen: 40.709 ng  
RT: 2.805 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

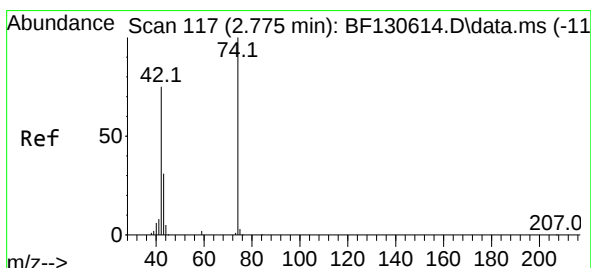
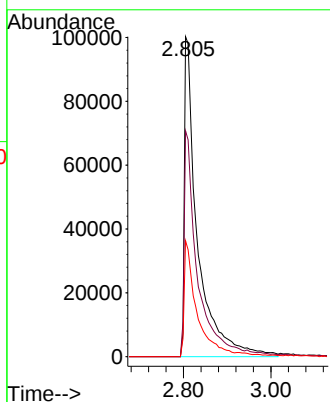
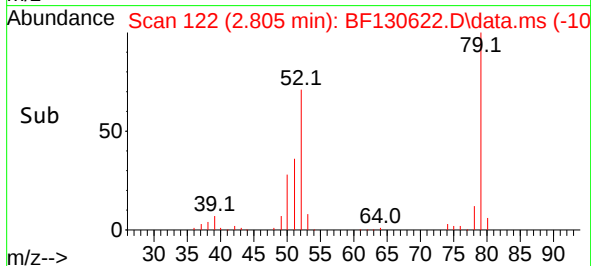
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 21083  
Ion Ratio Lower Upper  
79 100  
52 70.5 54.8 82.2  
51 36.2 27.4 41.2

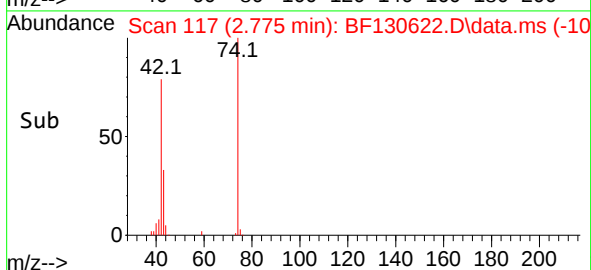
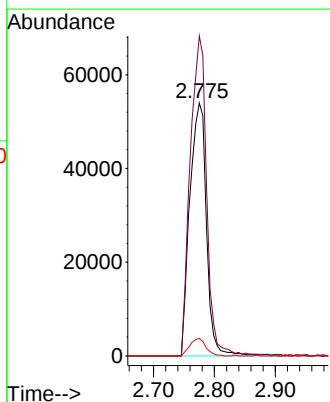
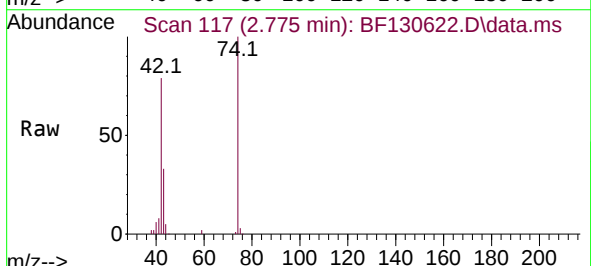
Manual Integrations  
APPROVED

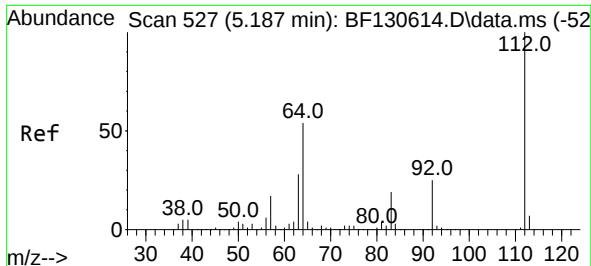
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#4  
n-Nitrosodimethylamine  
Concen: 42.192 ng  
RT: 2.775 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

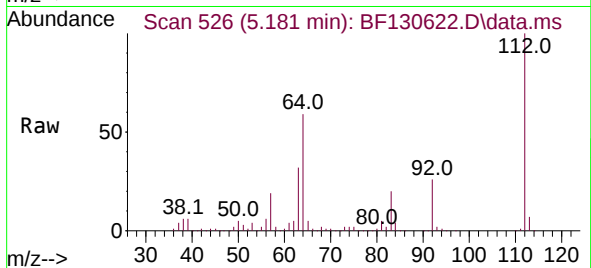
Tgt Ion: 42 Resp: 102588  
Ion Ratio Lower Upper  
42 100  
74 126.6 106.2 159.2  
44 6.9 5.0 7.4





#5  
2-Fluorophenol  
Concen: 82.720 ng  
RT: 5.181 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

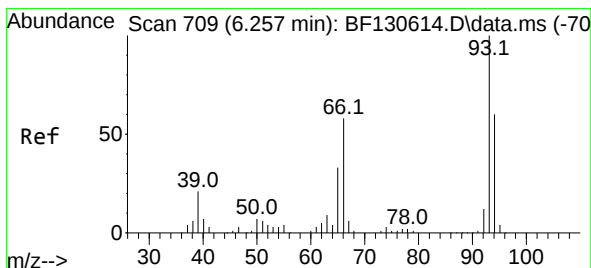
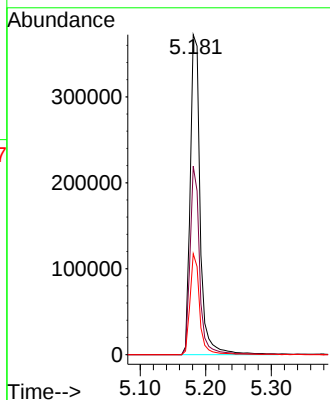
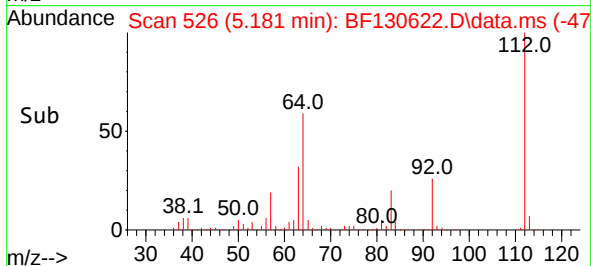
Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 394459  
Ion Ratio Lower Upper  
112 100  
64 58.9 43.5 65.3  
63 31.5 22.6 34.0

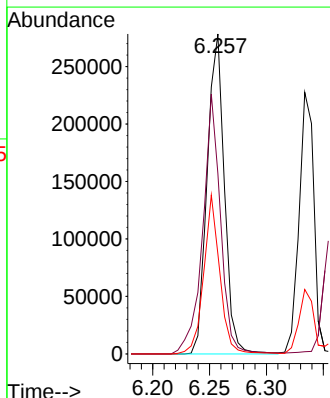
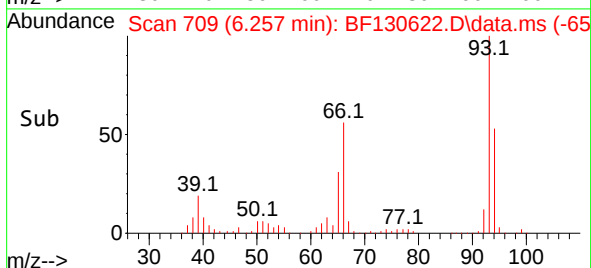
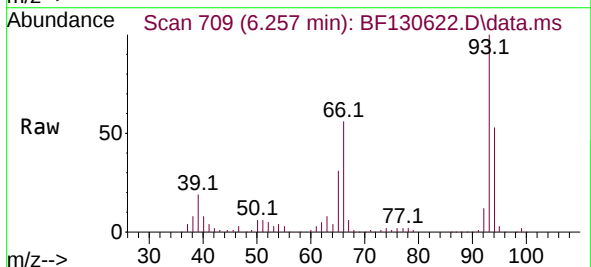
Manual Integrations  
APPROVED

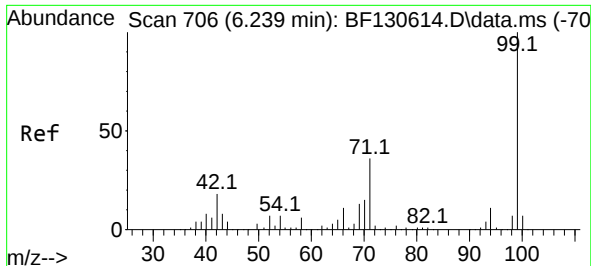
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#6  
Aniline  
Concen: 40.932 ng  
RT: 6.257 min Scan# 709  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

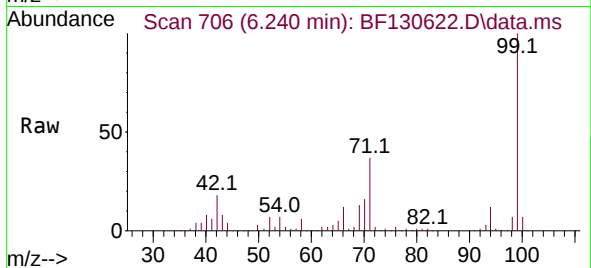
Tgt Ion: 93 Resp: 293807  
Ion Ratio Lower Upper  
93 100  
66 56.4 47.4 71.0  
65 31.2 26.6 40.0





#7  
Phenol-d6  
Concen: 81.315 ng  
RT: 6.240 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

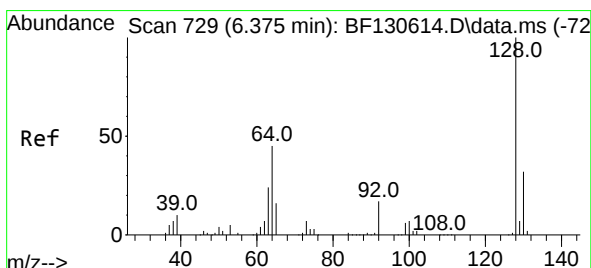
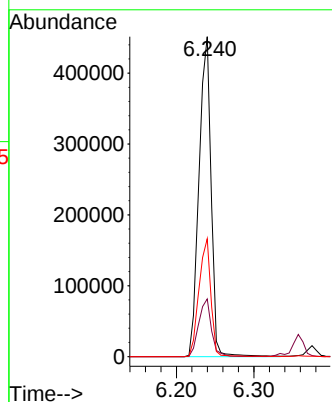
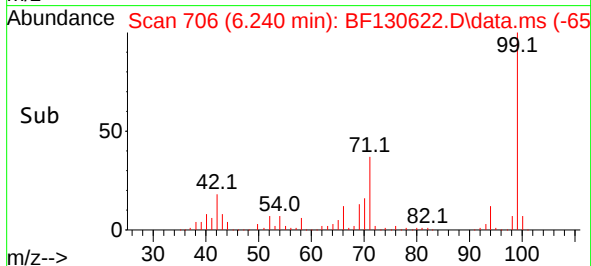
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



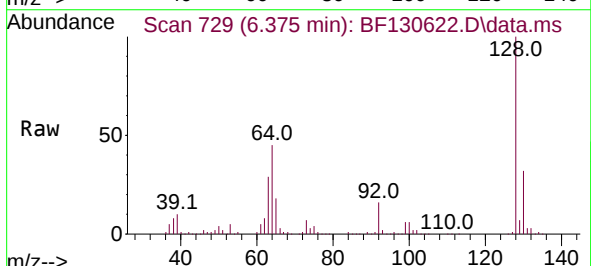
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71 36.8 28.8 43.2

Manual Integrations  
APPROVED

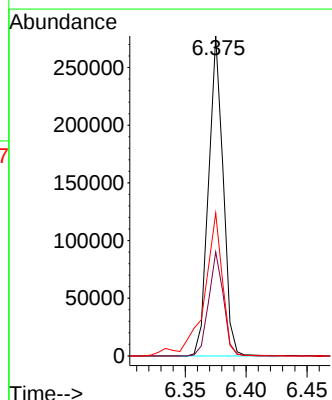
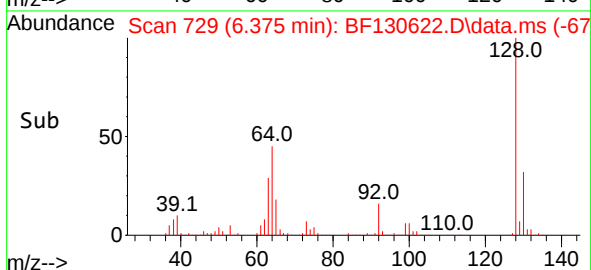
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

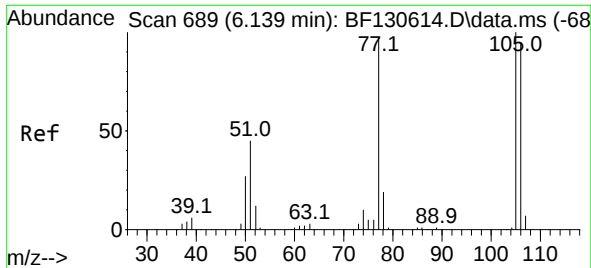


#8  
2-Chlorophenol  
Concen: 41.274 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



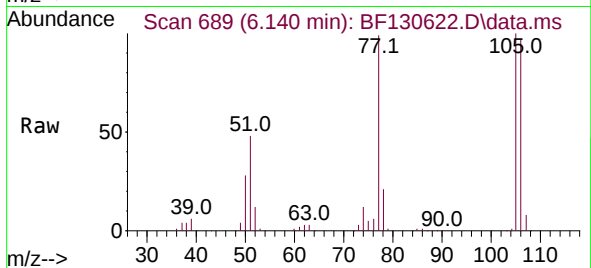
Tgt Ion:128 Resp: 231456  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.4 52.4  
64 44.6 25.9 65.9





#9  
Benzaldehyde  
Concen: 38.186 ng  
RT: 6.140 min Scan# 689  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

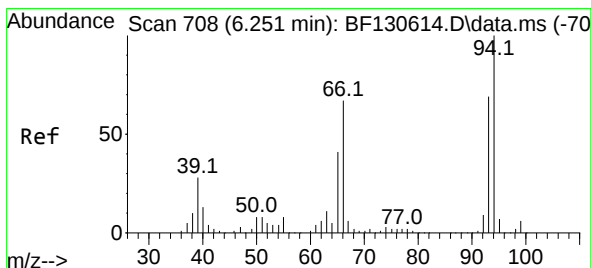
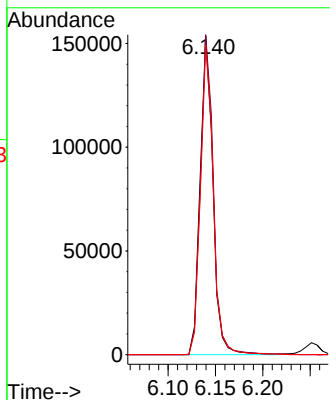
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 143838  
Ion Ratio Lower Upper  
77 100  
105 100.5 83.0 123.0  
106 97.3 77.8 117.8

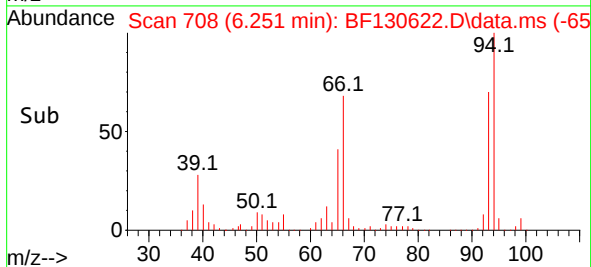
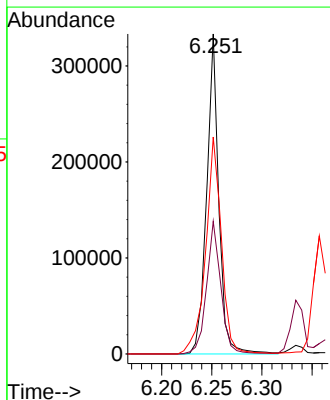
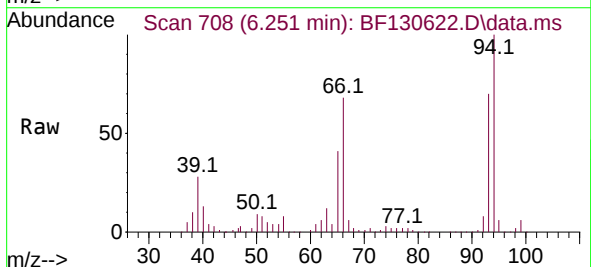
Manual Integrations  
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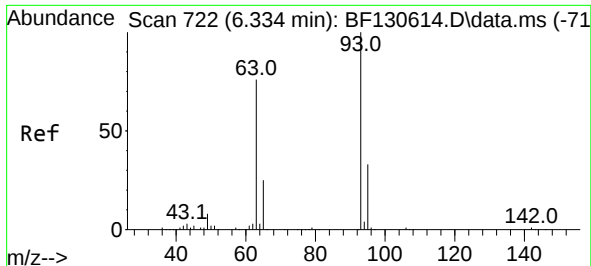
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#10  
Phenol  
Concen: 40.364 ng  
RT: 6.251 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Tgt Ion: 94 Resp: 280010  
Ion Ratio Lower Upper  
94 100  
65 41.4 21.2 61.2  
66 67.8 46.9 86.9





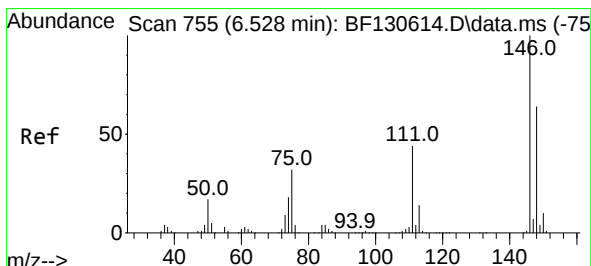
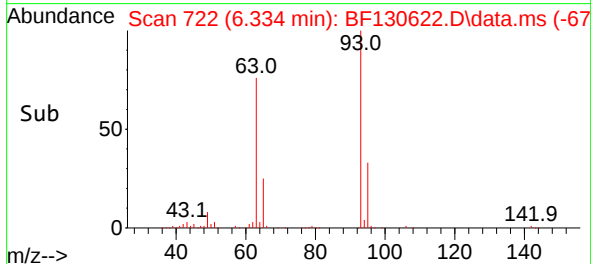
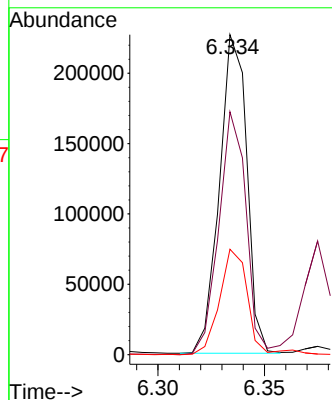
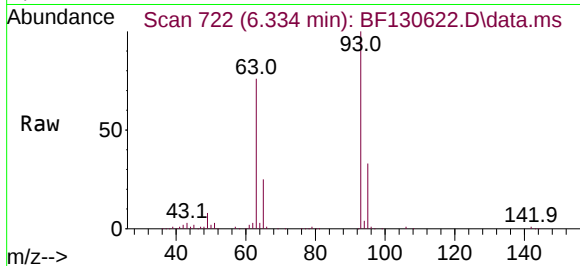
#11  
bis(2-Chloroethyl)ether  
Concen: 40.130 ng  
RT: 6.334 min Scan# 722  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 202216  
Ion Ratio Lower Upper  
93 100  
63 75.9 56.1 96.1  
95 32.9 12.4 52.4

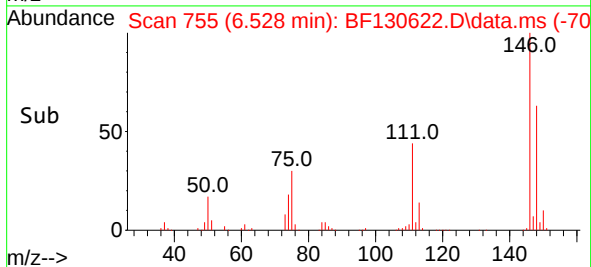
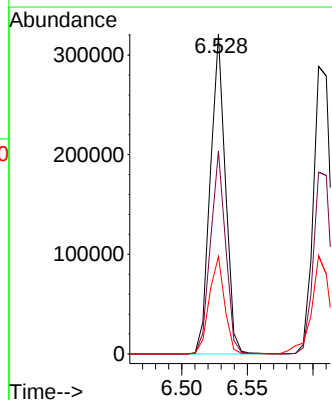
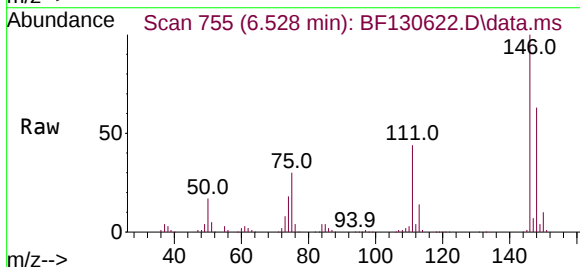
Manual Integrations  
APPROVED

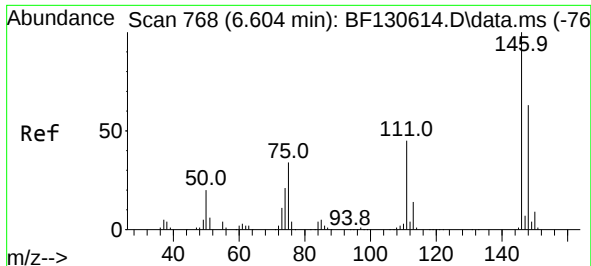
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#12  
1,3-Dichlorobenzene  
Concen: 41.818 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Tgt Ion:146 Resp: 256770  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.3 76.9  
75 30.5 25.2 37.8





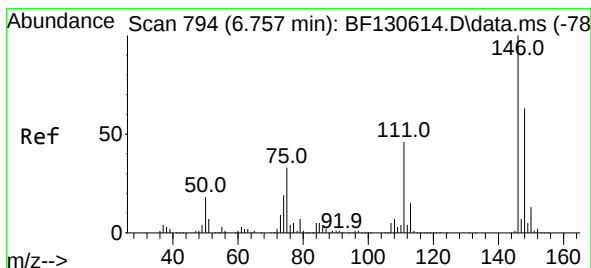
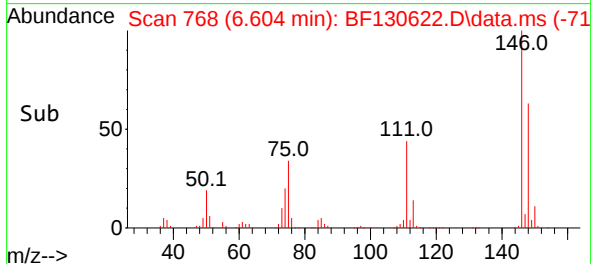
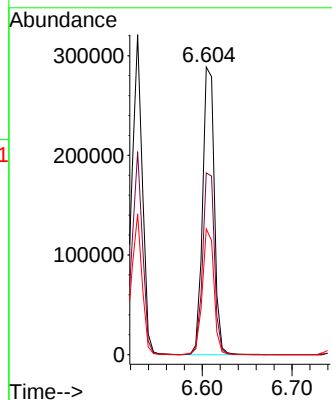
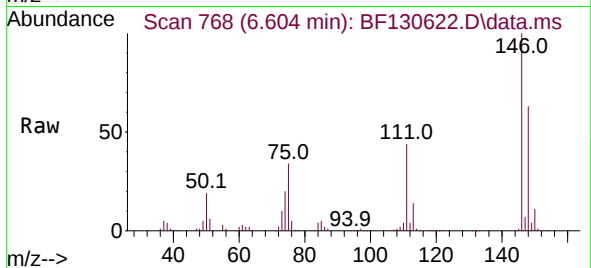
#13  
1,4-Dichlorobenzene  
Concen: 42.062 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 26200  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.1 75.1  
111 43.7 35.9 53.9

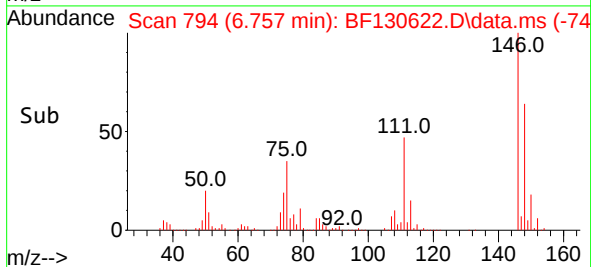
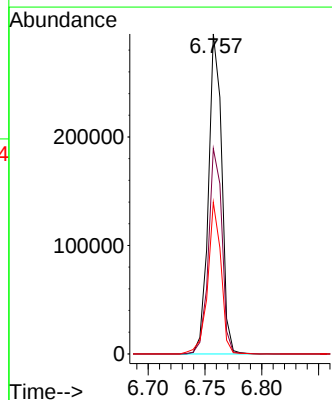
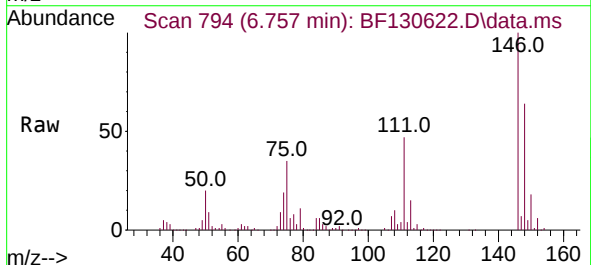
Manual Integrations  
APPROVED

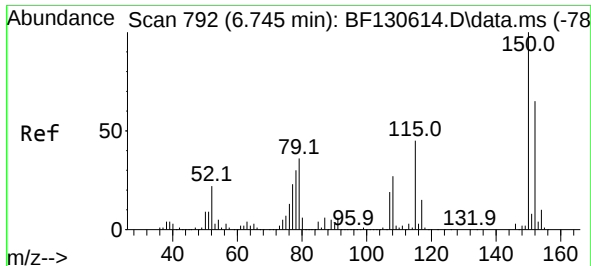
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#14  
1,2-Dichlorobenzene  
Concen: 41.436 ng  
RT: 6.757 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

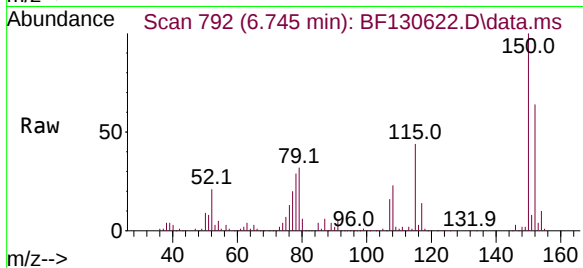
Tgt Ion:146 Resp: 240384  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.5 75.7  
111 47.4 37.2 55.8





#15  
Benzyl Alcohol  
Concen: 42.320 ng  
RT: 6.745 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

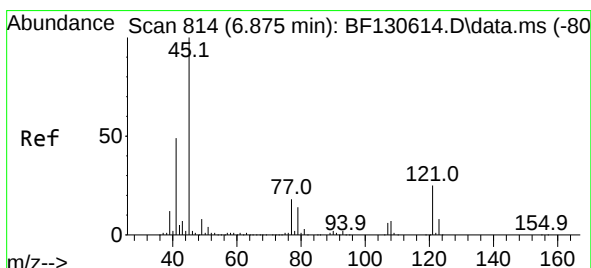
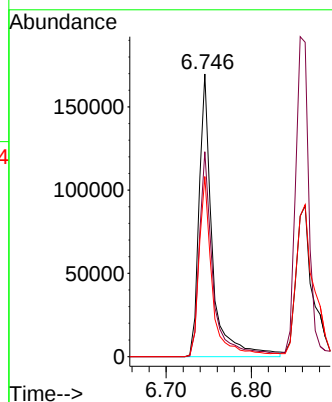
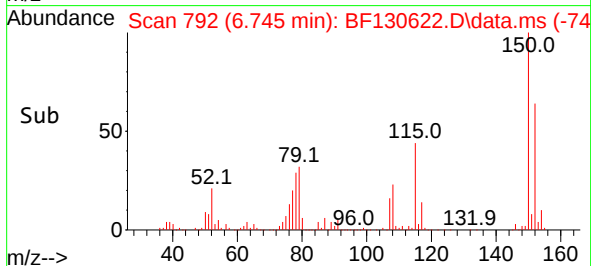
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



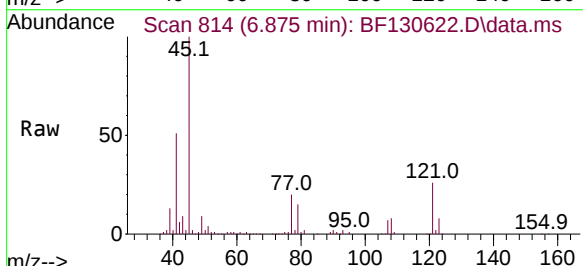
Tgt Ion: 79 Resp: 182165  
Ion Ratio Lower Upper  
79 100  
108 72.5 59.7 89.5  
77 63.7 51.8 77.6

Manual Integrations  
APPROVED

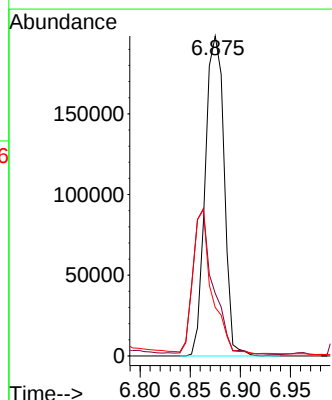
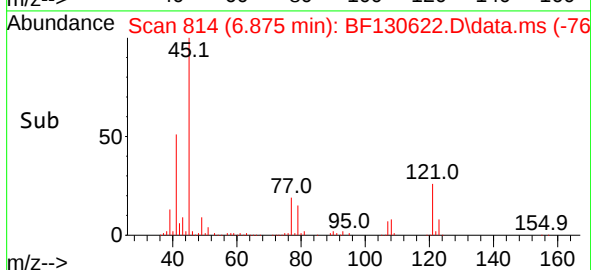
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

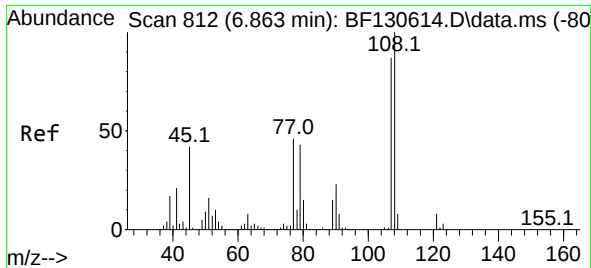


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.899 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion: 45 Resp: 258662  
Ion Ratio Lower Upper  
45 100  
77 19.6 0.0 38.7  
79 15.2 0.0 34.6





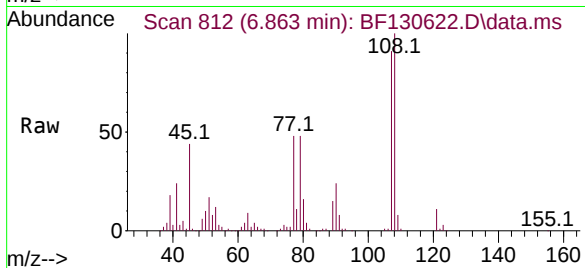
#17  
2-Methylphenol  
Concen: 41.380 ng  
RT: 6.863 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

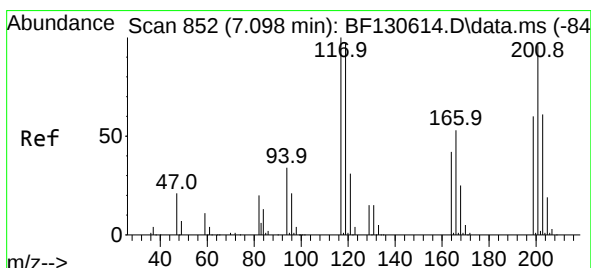
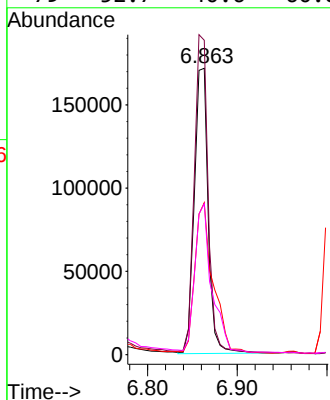
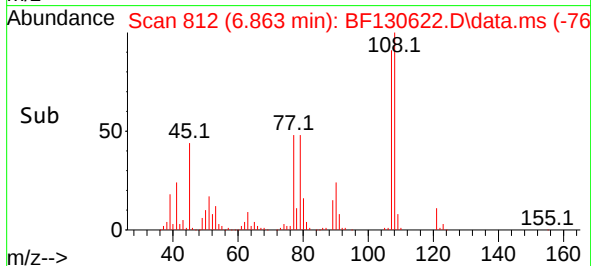


Tgt Ion:107 Resp: 184588  
Ion Ratio Lower Upper  
107 100  
108 109.8 92.2 138.2  
77 53.1 42.7 64.1  
79 52.7 40.6 60.8

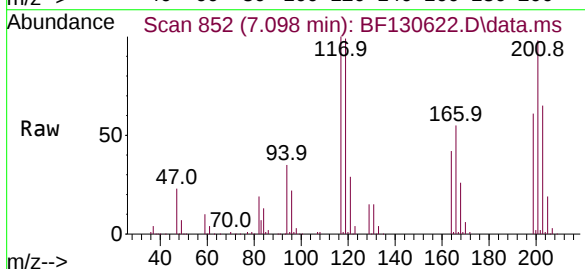
Manual Integrations

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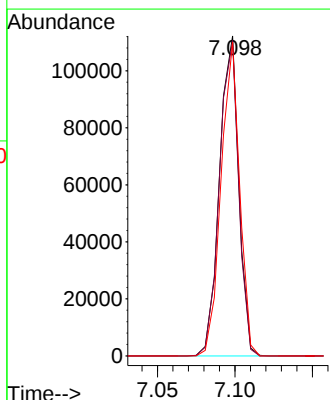
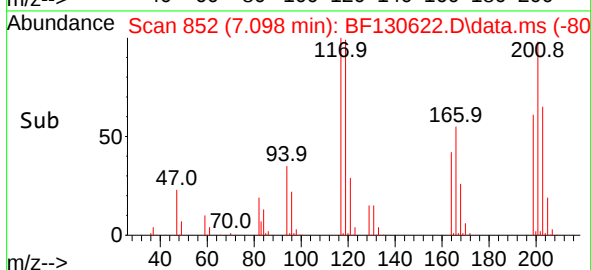
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

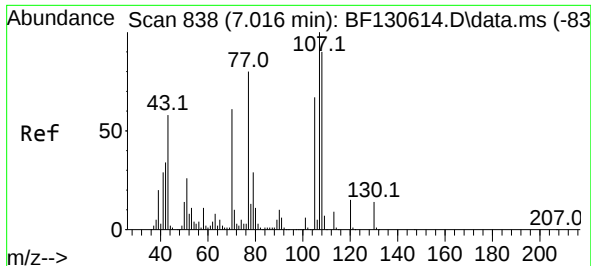


#18  
Hexachloroethane  
Concen: 41.025 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:117 Resp: 96675  
Ion Ratio Lower Upper  
117 100  
119 98.5 77.6 116.4  
201 98.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.141 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130622.D

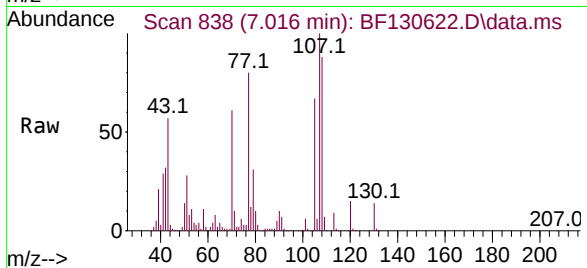
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 155269

Ion Ratio Lower Upper

70 100

42 53.4 44.3 66.5

101 10.3 7.9 11.9

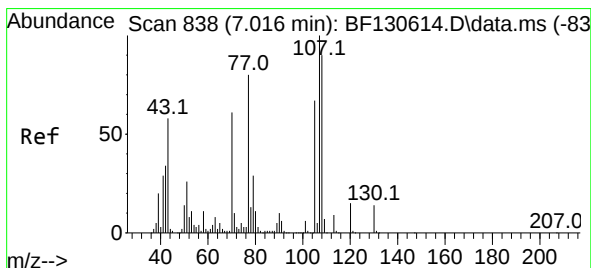
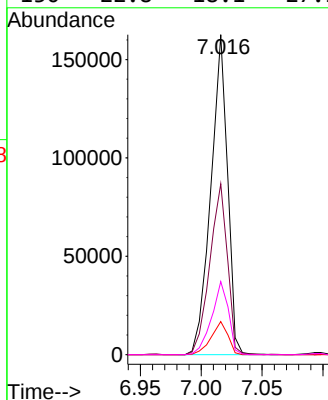
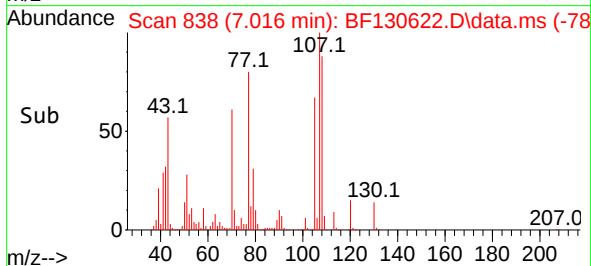
130 22.8 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#20

3+4-Methylphenols

Concen: 39.698 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Tgt Ion:107 Resp: 237293

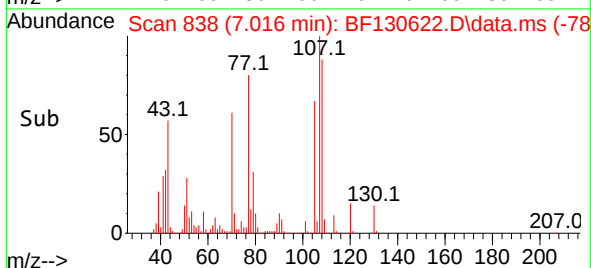
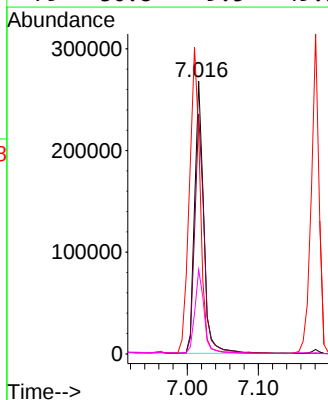
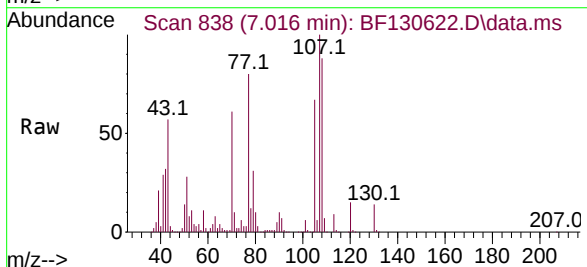
Ion Ratio Lower Upper

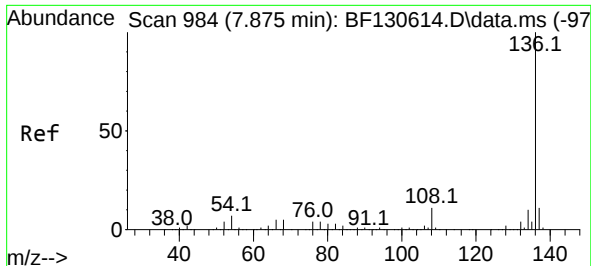
107 100

108 88.0 69.7 109.7

77 80.4 59.7 99.7

79 30.8 9.5 49.5





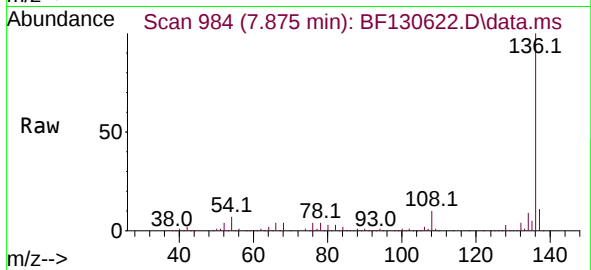
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.875 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

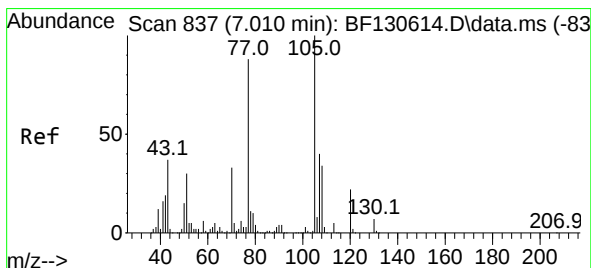
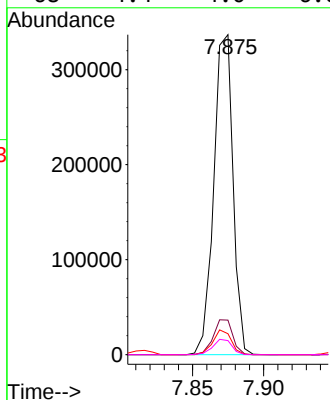
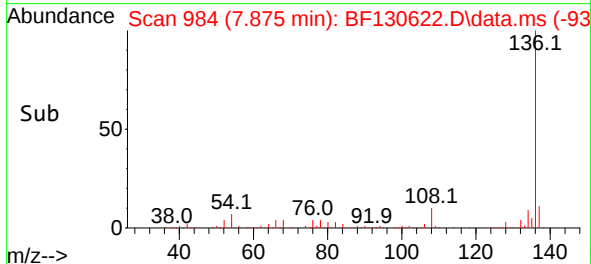


Tgt Ion:136 Resp: 318490  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.4 12.6  
54 6.5 5.5 8.3  
68 4.4 4.0 6.0

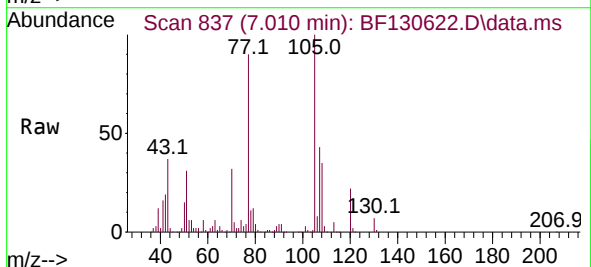
Manual Integrations

APPROVED

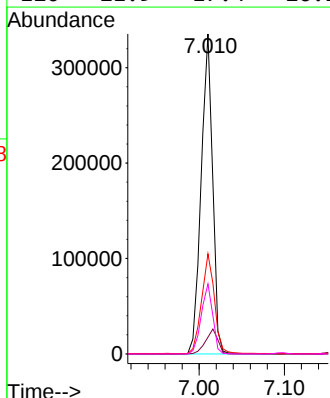
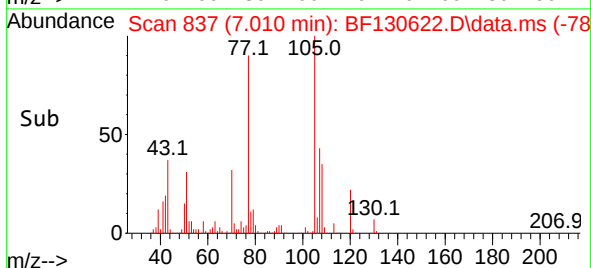
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

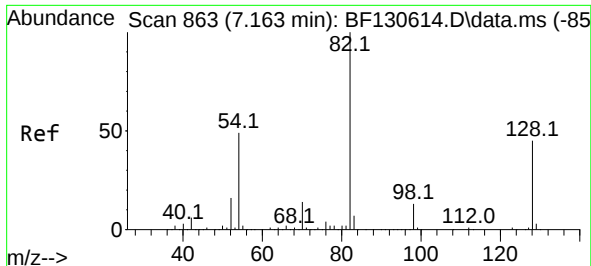


#22  
Acetophenone  
Concen: 40.980 ng  
RT: 7.010 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:105 Resp: 313093  
Ion Ratio Lower Upper  
105 100  
71 5.2 4.2 6.4  
51 31.3 24.3 36.5  
120 21.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 82.952 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

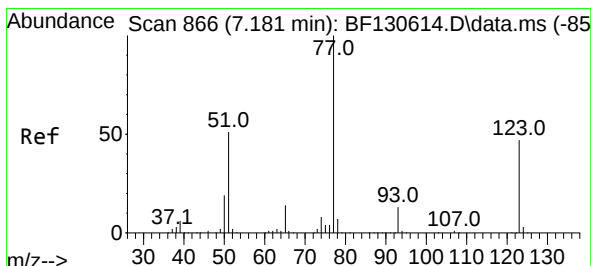
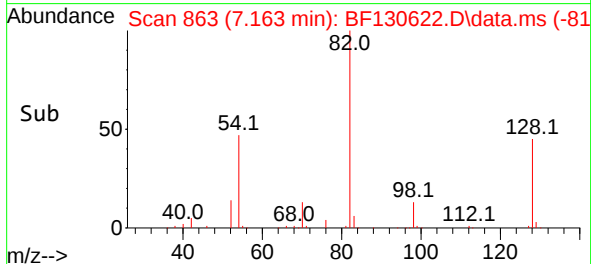
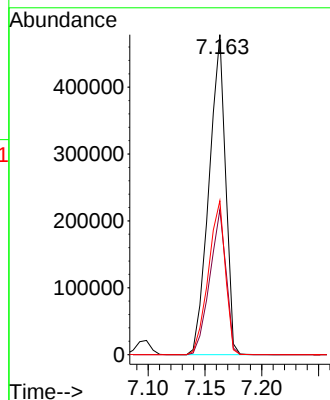
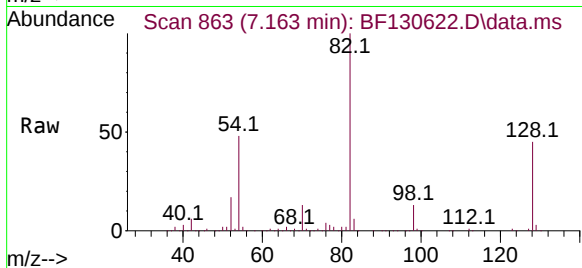
SSTDCCC040

Tgt Ion: 82 Resp: 483952  
 Ion Ratio Lower Upper  
 82 100  
 128 45.3 35.8 53.6  
 54 48.1 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022  
 Supervised By :Jagrut Upadhyay 10/13/2022



#24

Nitrobenzene

Concen: 41.319 ng

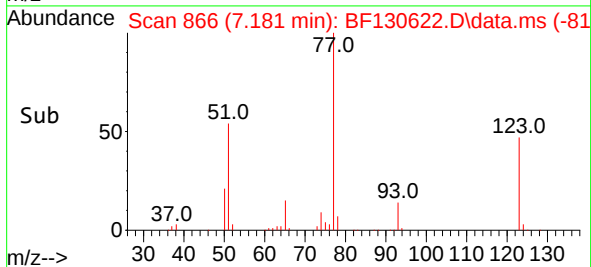
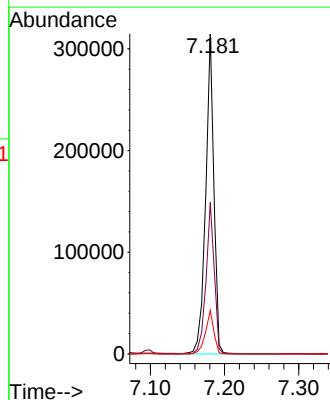
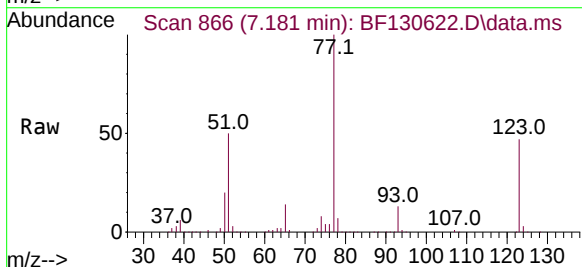
RT: 7.181 min Scan# 866

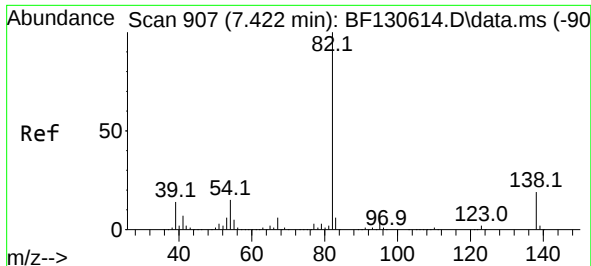
Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

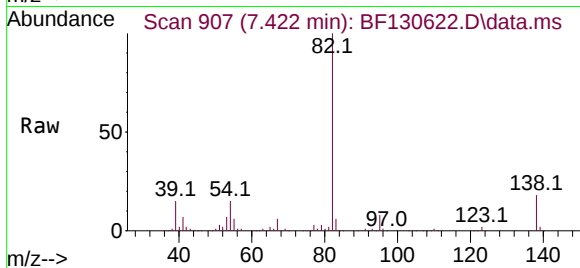
Tgt Ion: 77 Resp: 242424  
 Ion Ratio Lower Upper  
 77 100  
 123 47.3 37.5 56.3  
 65 13.6 11.0 16.4





#25  
Isophorone  
Concen: 41.203 ng  
RT: 7.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

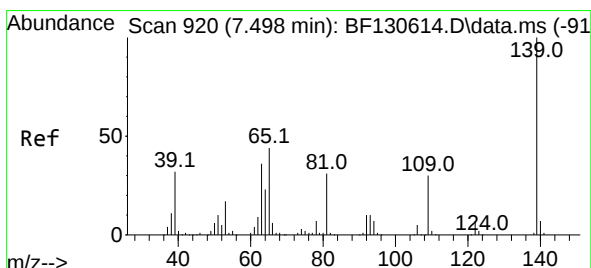
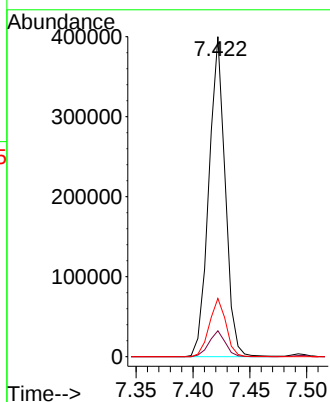
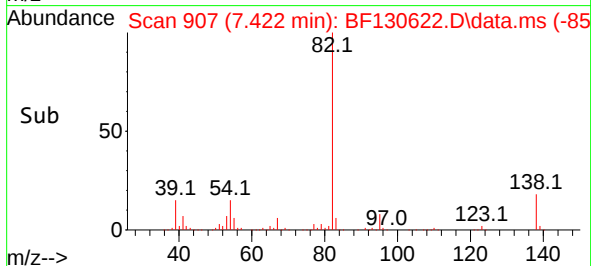
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDCCC040



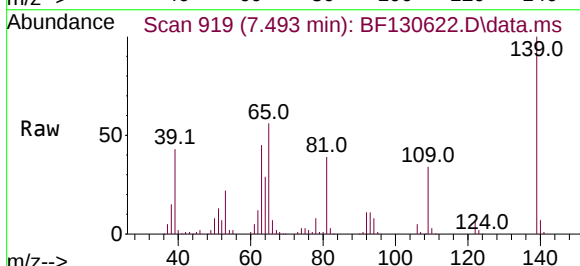
Tgt Ion: 82 Resp: 400080  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.1 9.1  
138 18.2 14.9 22.3

Manual Integrations  
APPROVED

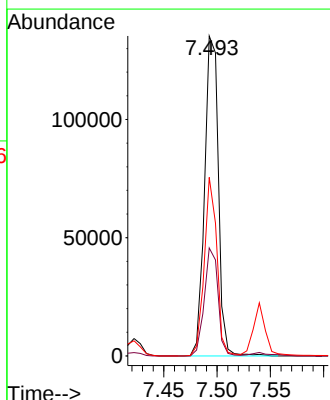
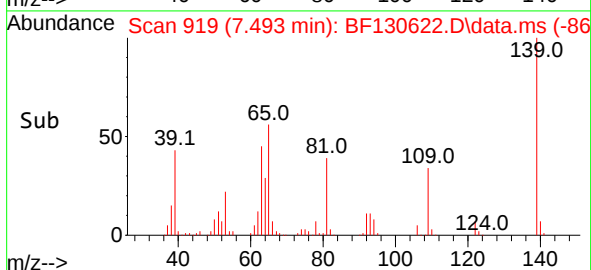
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

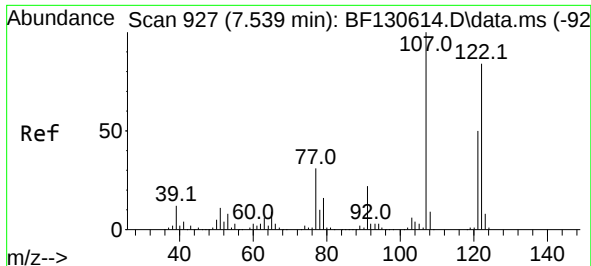


#26  
2-Nitrophenol  
Concen: 42.279 ng  
RT: 7.493 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:139 Resp: 121648  
Ion Ratio Lower Upper  
139 100  
109 33.7 23.9 35.9  
65 55.8 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 41.793 ng

RT: 7.540 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

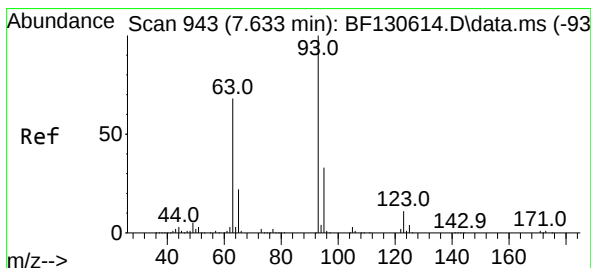
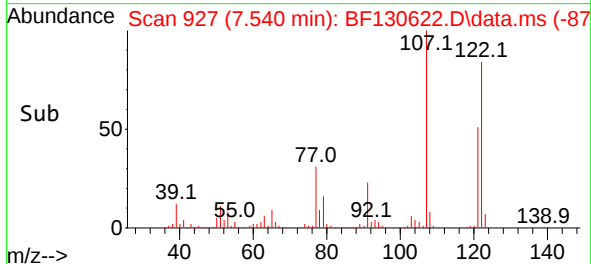
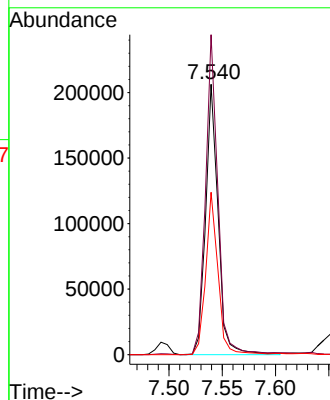
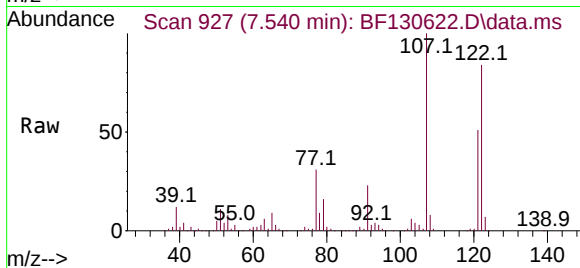
SSTDCCC040

Tgt Ion:122 Resp: 167598  
 Ion Ratio Lower Upper  
 122 100  
 107 118.4 94.9 142.3  
 121 60.1 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022  
 Supervised By :Jagrut Upadhyay 10/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.182 ng

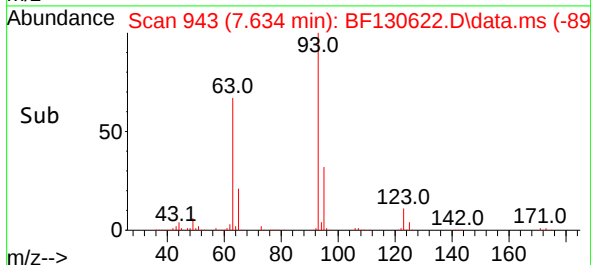
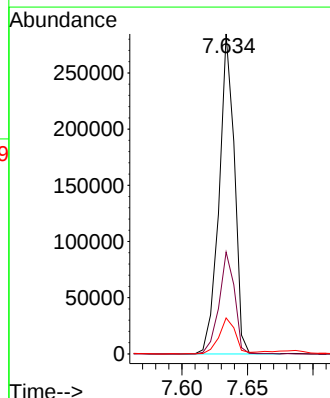
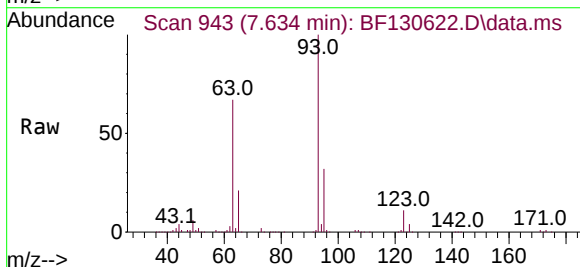
RT: 7.634 min Scan# 943

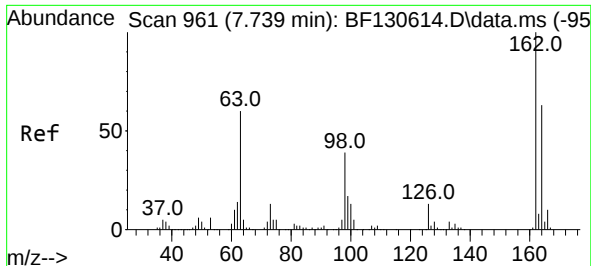
Delta R.T. 0.001 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Tgt Ion: 93 Resp: 231540  
 Ion Ratio Lower Upper  
 93 100  
 95 31.8 26.4 39.6  
 123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.672 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.001 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

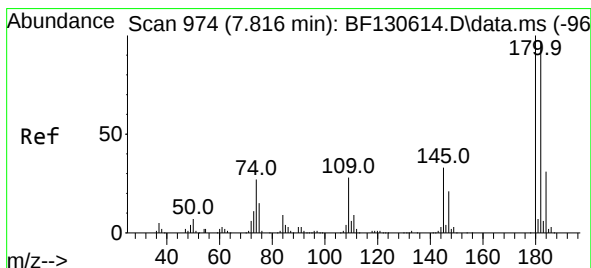
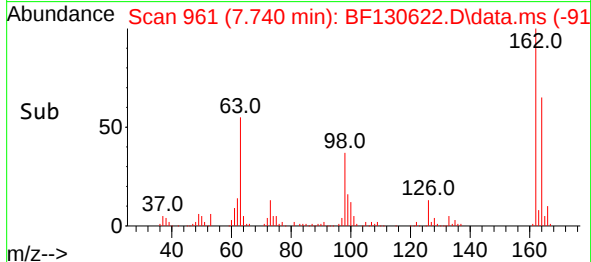
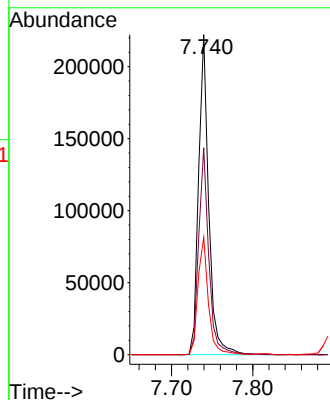
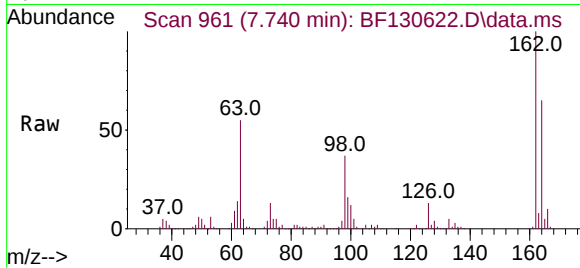
Tgt Ion:162 Resp: 191452  
 Ion Ratio Lower Upper  
 162 100  
 164 64.6 42.8 82.8  
 98 36.7 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.213 ng

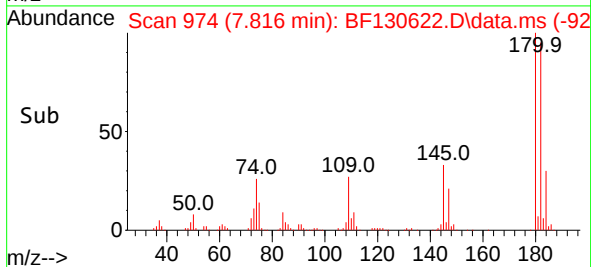
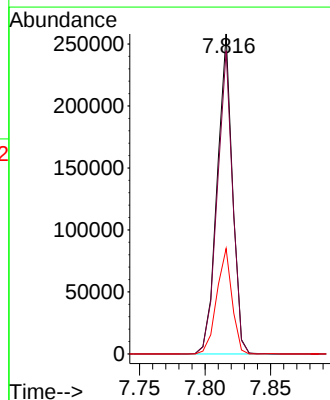
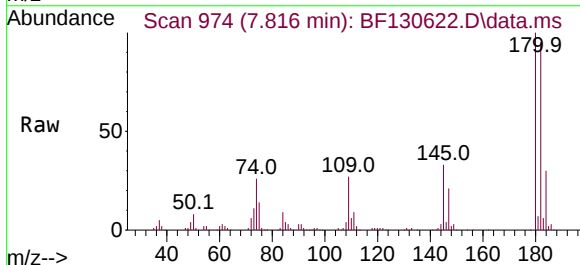
RT: 7.816 min Scan# 974

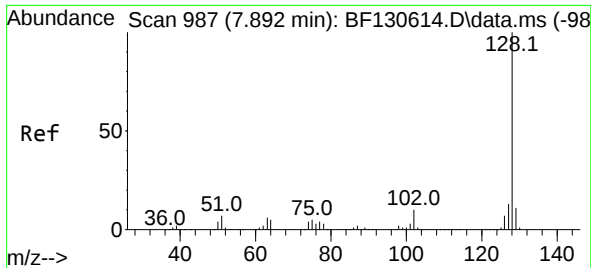
Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

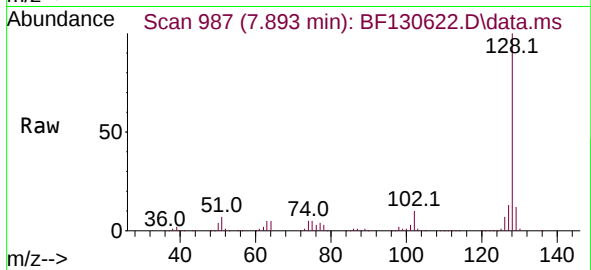
Tgt Ion:180 Resp: 209025  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 78.0 117.0  
 145 33.0 26.7 40.1





#31  
Naphthalene  
Concen: 41.774 ng  
RT: 7.893 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

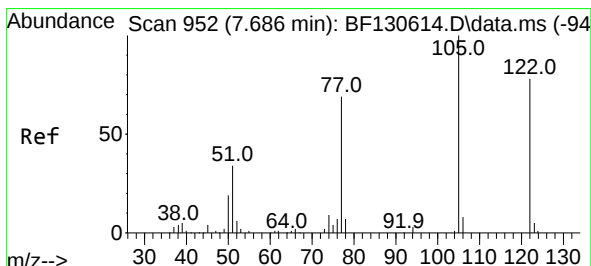
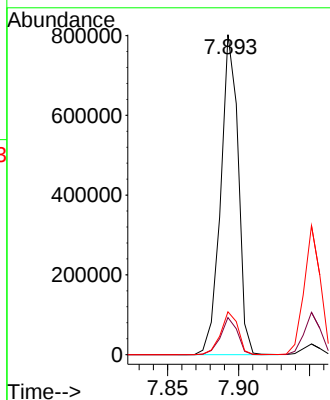
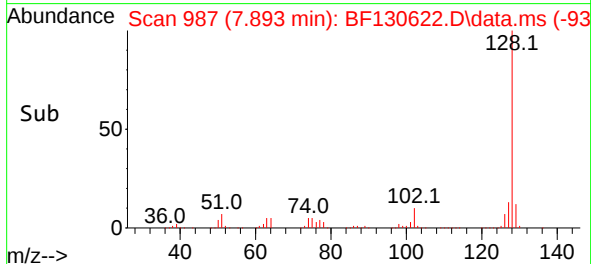
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



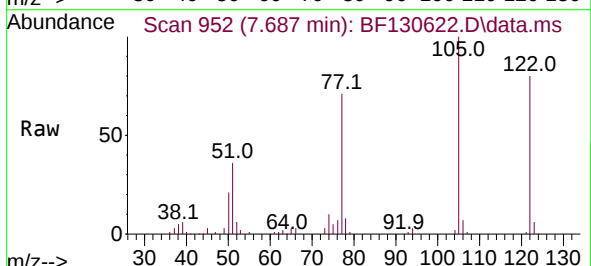
Tgt Ion:128 Resp: 688699  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.0 13.4  
127 13.4 10.3 15.5

Manual Integrations  
APPROVED

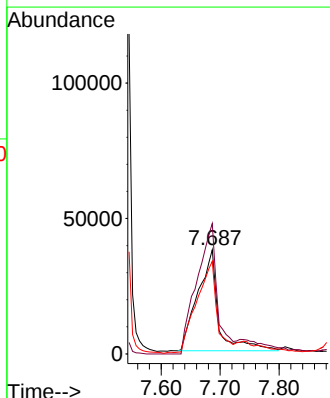
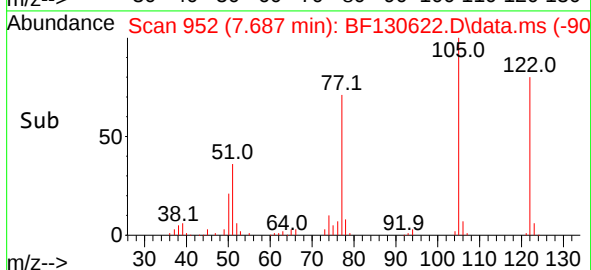
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

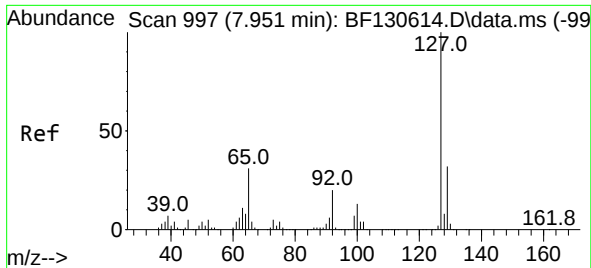


#32  
Benzoic acid  
Concen: 36.379 ng m  
RT: 7.687 min Scan# 952  
Delta R.T. 0.001 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:122 Resp: 92293  
Ion Ratio Lower Upper  
122 100  
105 125.3 104.8 144.8  
77 89.0 68.2 108.2





#33  
4-Chloroaniline  
Concen: 41.360 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

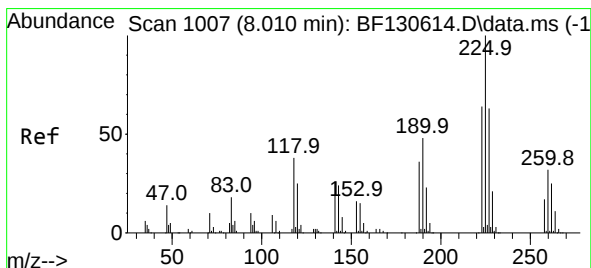
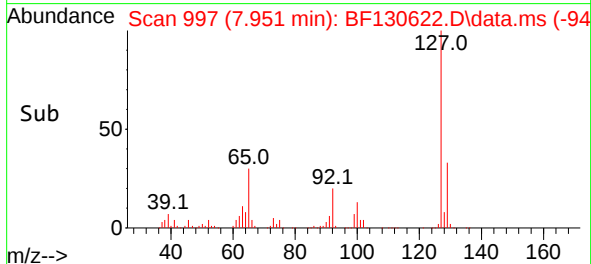
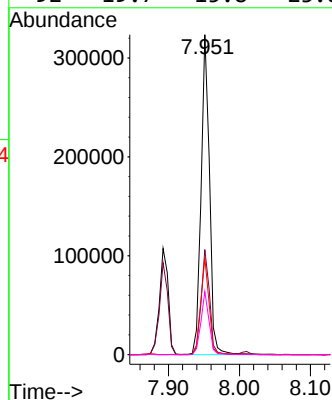
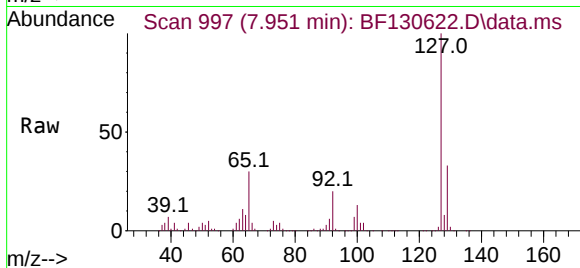
SSTDCCC040

Tgt Ion:127 Resp: 264145  
Ion Ratio Lower Upper  
127 100  
129 32.9 25.7 38.5  
65 30.2 24.7 37.1  
92 19.7 15.8 23.8

Manual Integrations

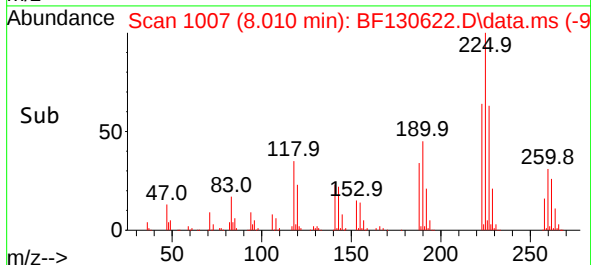
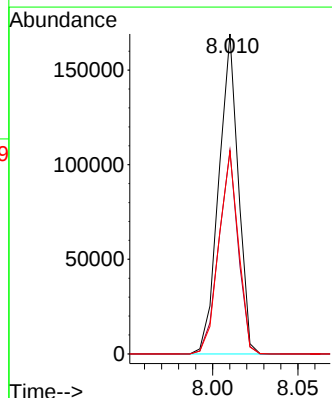
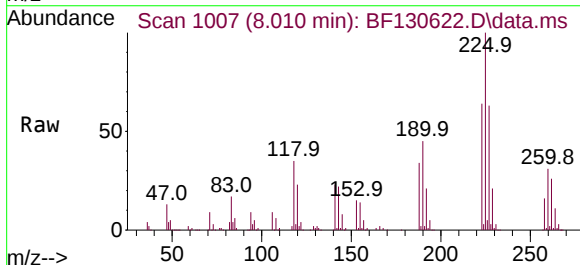
APPROVED

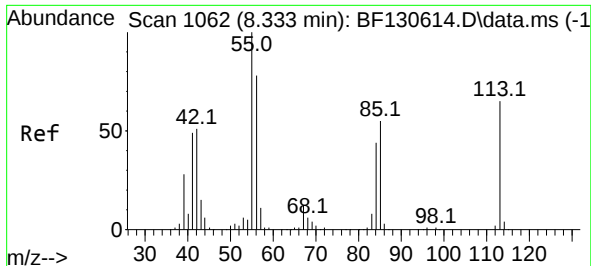
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#34  
Hexachlorobutadiene  
Concen: 44.685 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

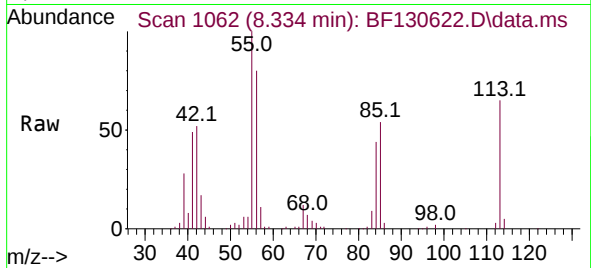
Tgt Ion:225 Resp: 134150  
Ion Ratio Lower Upper  
225 100  
223 63.6 51.5 77.3  
227 63.2 50.4 75.6





#35  
Caprolactam  
Concen: 42.072 ng  
RT: 8.334 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

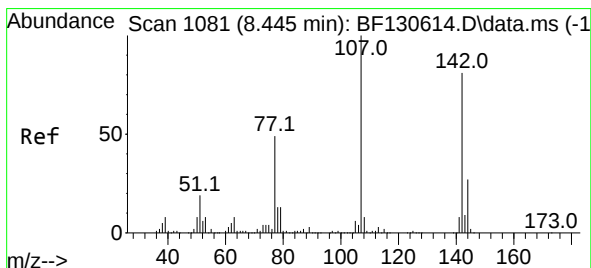
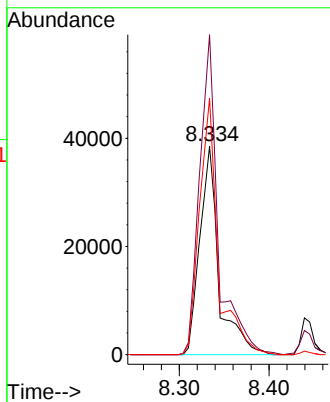
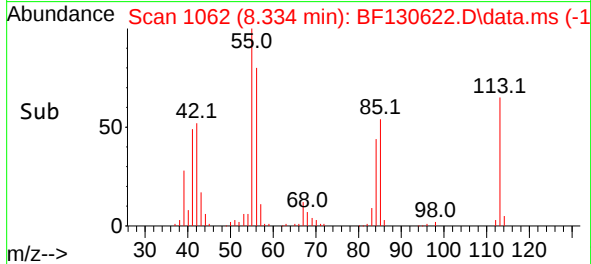
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



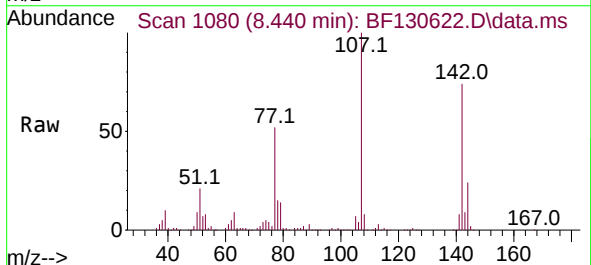
Tgt Ion:113 Resp: 56795  
Ion Ratio Lower Upper  
113 100  
55 153.5 134.3 174.3  
56 123.1 101.0 141.0

Manual Integrations  
APPROVED

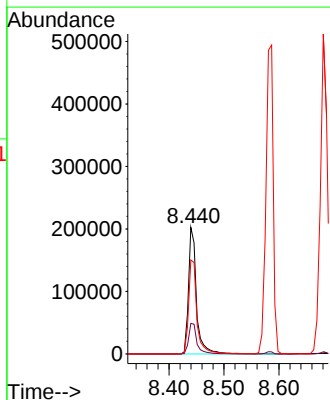
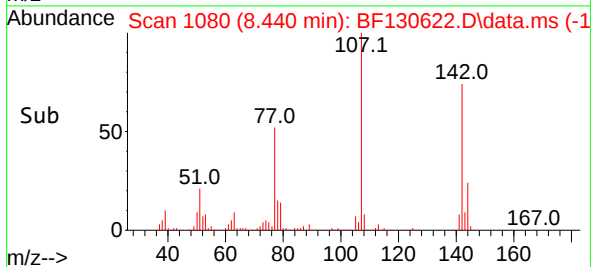
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

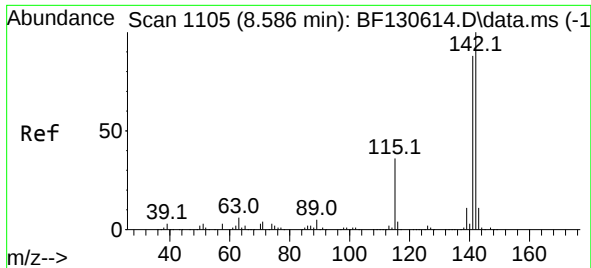


#36  
4-Chloro-3-methylphenol  
Concen: 41.743 ng  
RT: 8.440 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



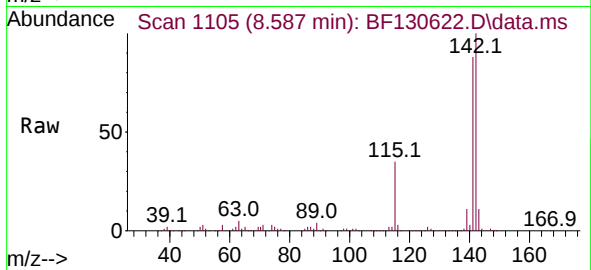
Tgt Ion:107 Resp: 203154  
Ion Ratio Lower Upper  
107 100  
144 24.0 21.9 32.9  
142 74.1 64.6 96.8





#37  
2-Methylnaphthalene  
Concen: 43.504 ng  
RT: 8.587 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

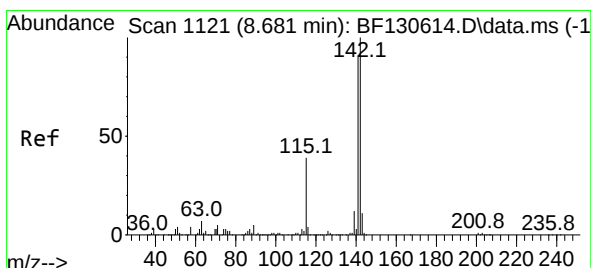
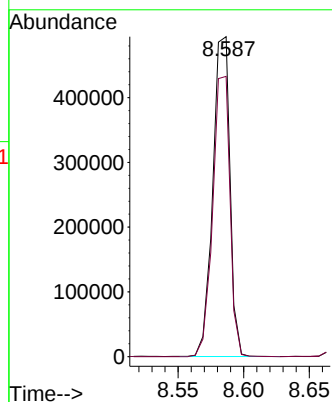
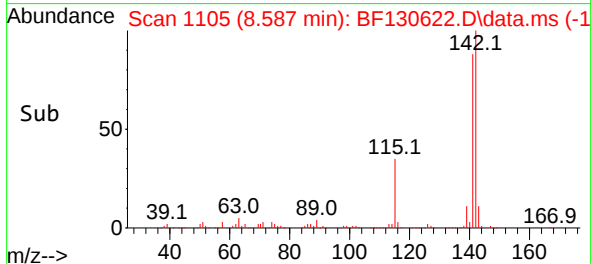
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 451352  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.7 106.1

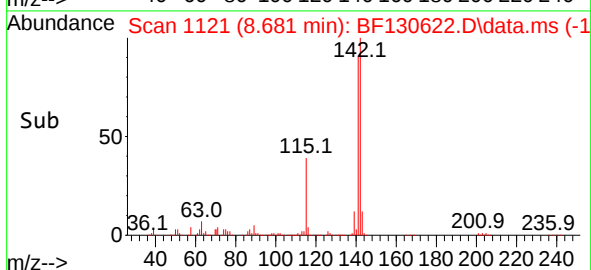
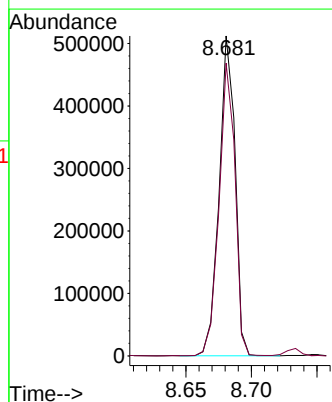
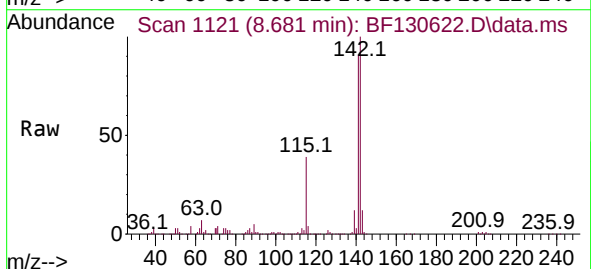
Manual Integrations  
APPROVED

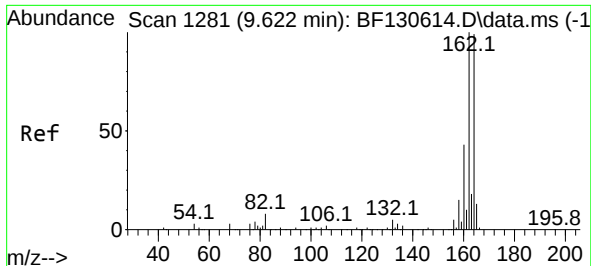
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#38  
1-Methylnaphthalene  
Concen: 43.096 ng  
RT: 8.681 min Scan# 1121  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

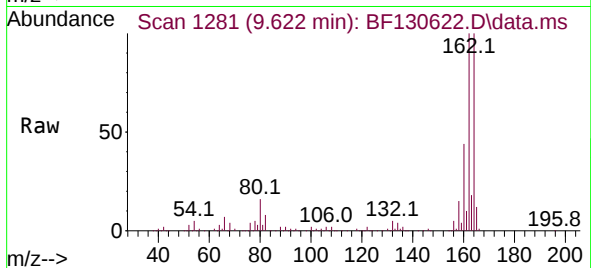
Tgt Ion:142 Resp: 434048  
Ion Ratio Lower Upper  
142 100  
141 91.5 72.6 108.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.622 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

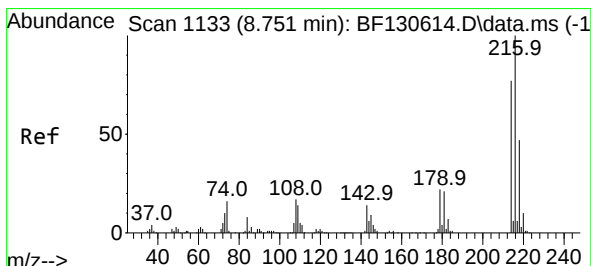
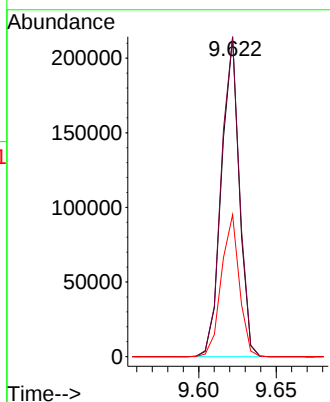
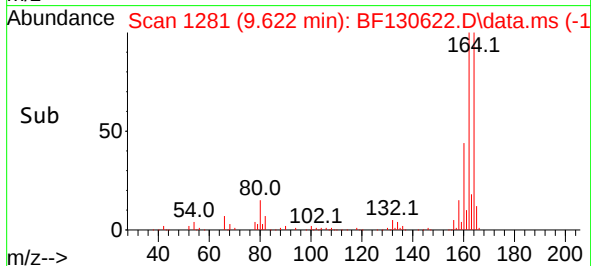
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



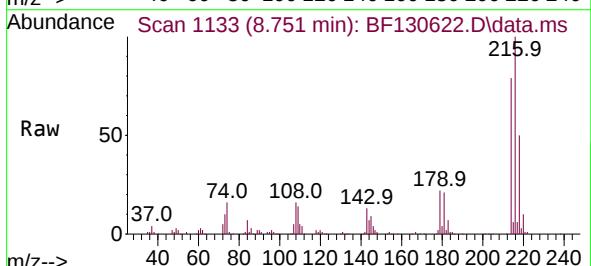
Tgt Ion:164 Resp: 17133  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.0 121.4  
160 44.4 34.5 51.7

Manual Integrations  
APPROVED

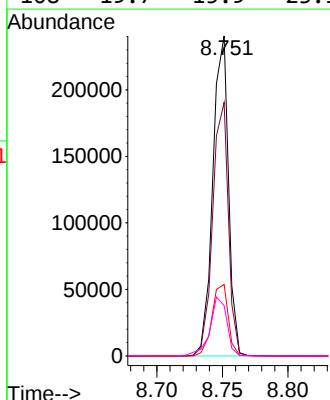
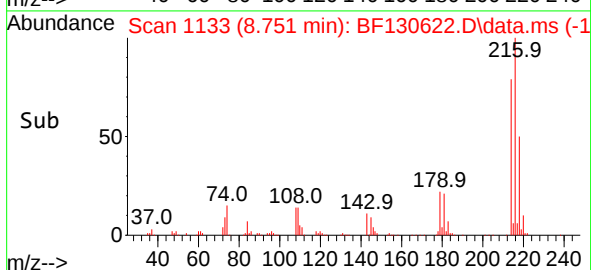
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

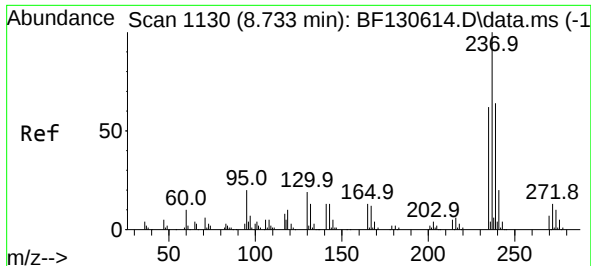


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.028 ng  
RT: 8.751 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



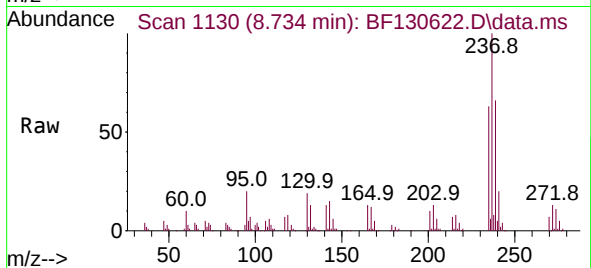
Tgt Ion:216 Resp: 200021  
Ion Ratio Lower Upper  
216 100  
214 79.5 62.1 93.1  
179 23.2 18.6 27.8  
108 19.7 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 40.849 ng  
RT: 8.734 min Scan# 1130  
Delta R.T. 0.001 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

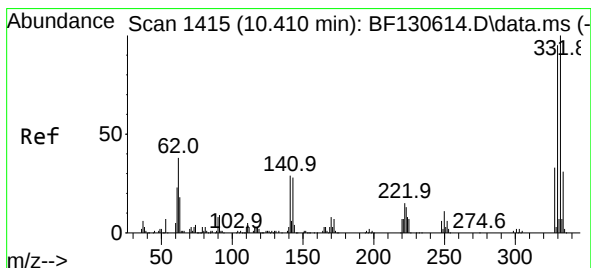
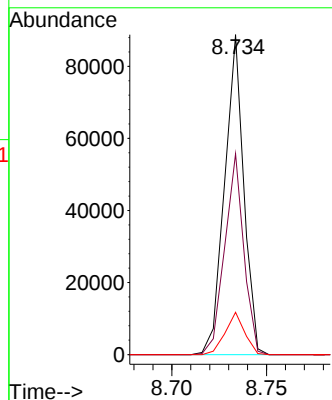
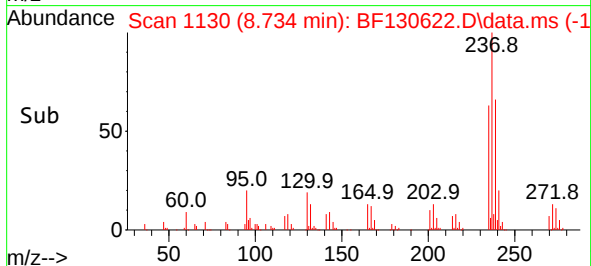
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



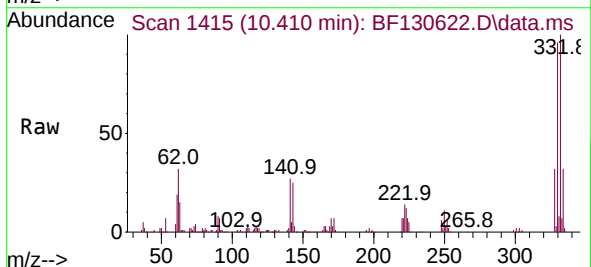
Tgt Ion:237 Resp: 62685  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.2 82.2  
272 13.2 0.0 32.6

Manual Integrations  
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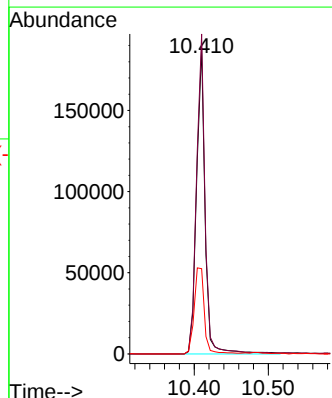
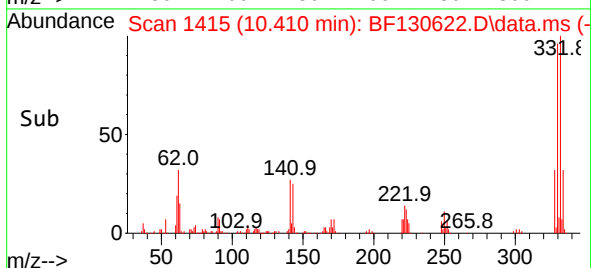
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

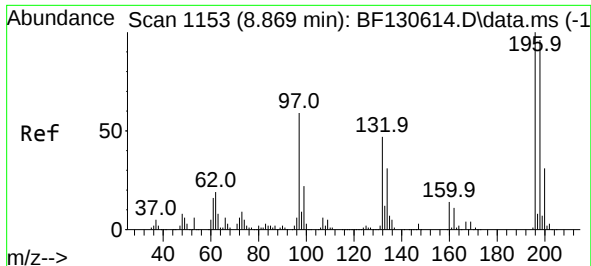


#42  
2,4,6-Tribromophenol  
Concen: 90.575 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:330 Resp: 151851  
Ion Ratio Lower Upper  
330 100  
332 104.8 84.2 126.4  
141 33.1 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 42.934 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130622.D

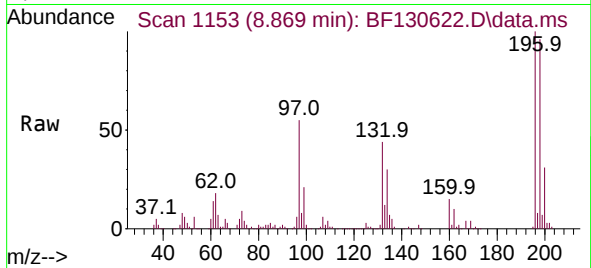
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 134009

Ion Ratio Lower Upper

196 100

198 96.2 76.6 115.0

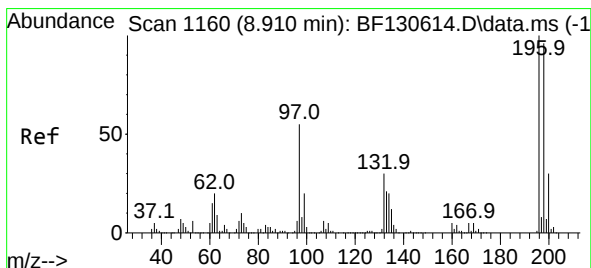
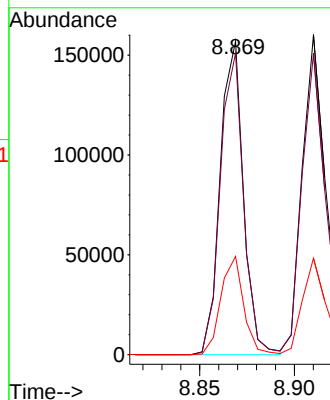
200 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#44

2,4,5-Trichlorophenol

Concen: 43.523 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Tgt Ion:196 Resp: 149392

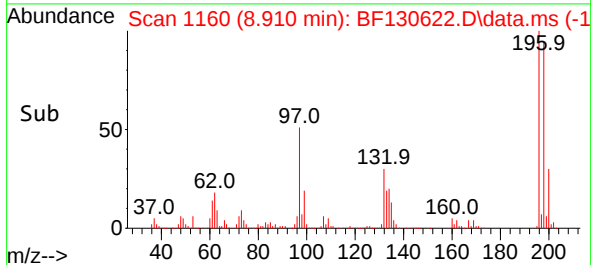
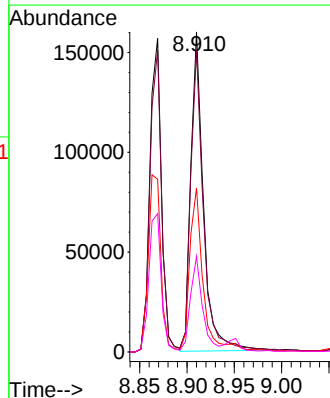
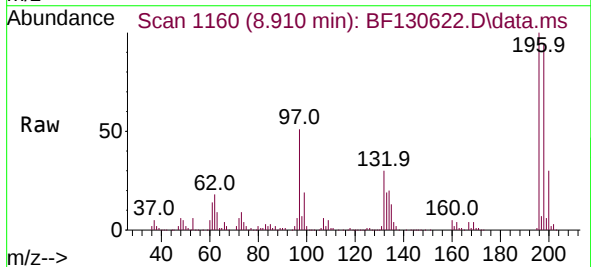
Ion Ratio Lower Upper

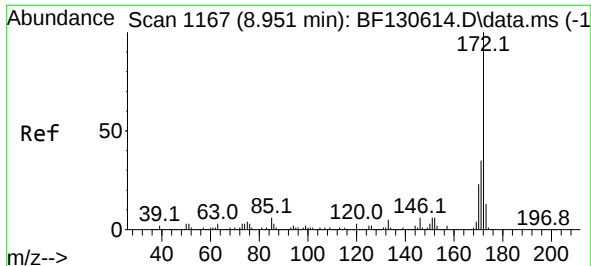
196 100

198 94.2 76.6 114.8

97 51.2 44.3 66.5

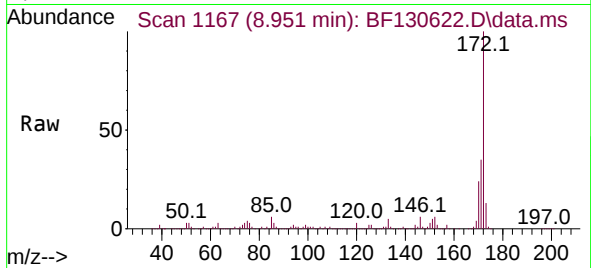
132 29.9 24.6 36.8





#45  
2-Fluorobiphenyl  
Concen: 86.233 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

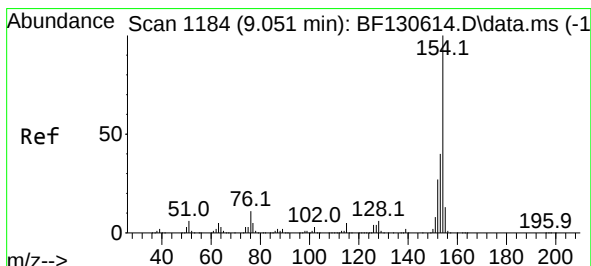
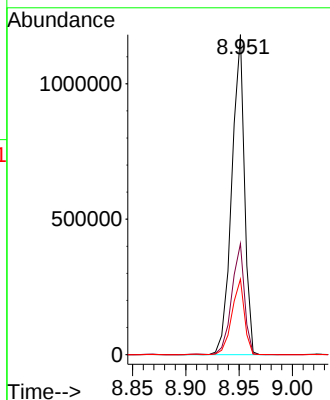
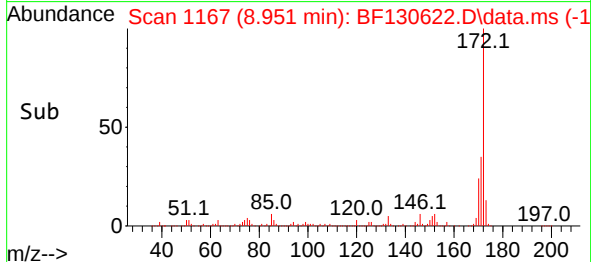
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



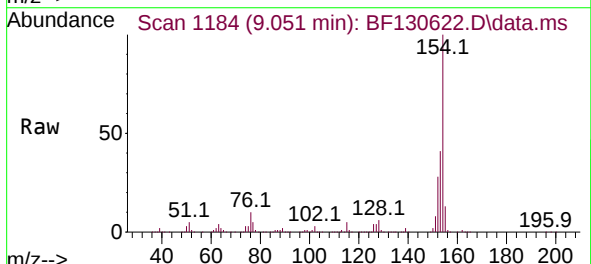
Tgt Ion:172 Resp: 975409  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.8  
170 23.6 18.6 27.8

Manual Integrations  
APPROVED

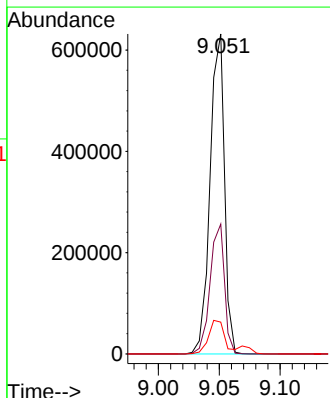
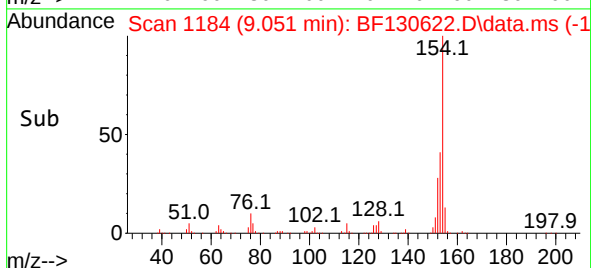
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

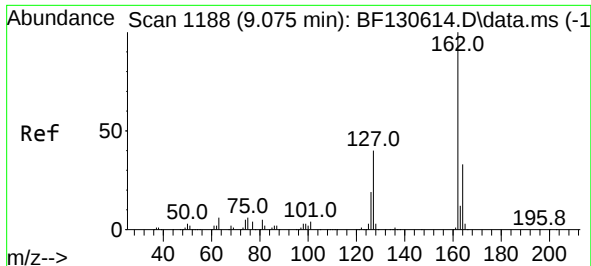


#46  
1,1'-Biphenyl  
Concen: 41.954 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:154 Resp: 520947  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.0 60.0  
76 9.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.646 ng

RT: 9.069 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 432792

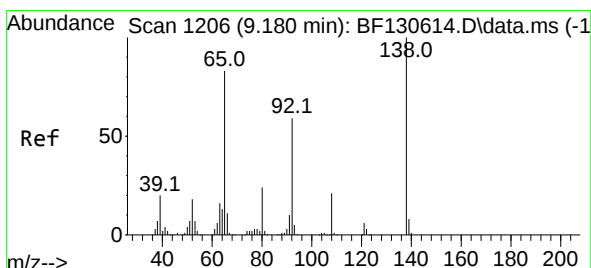
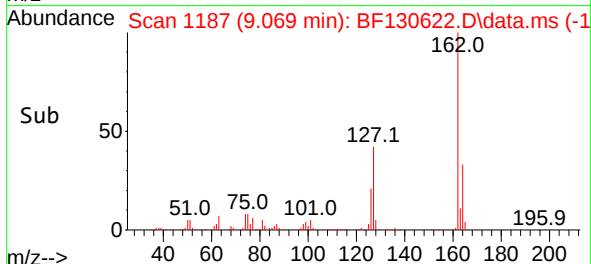
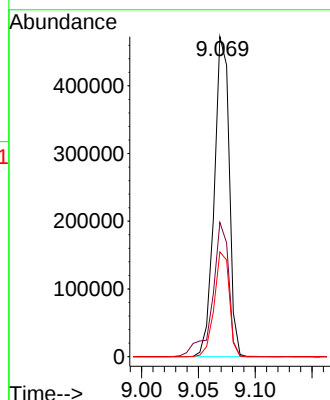
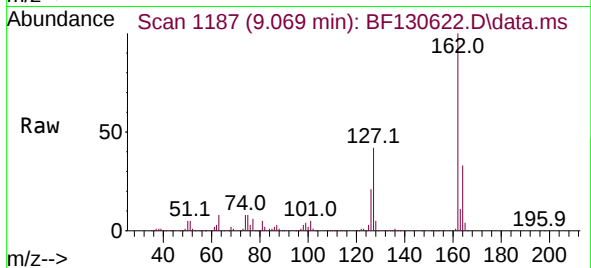
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 41.9  | 32.6  | 49.0  |
| 164 | 32.7  | 26.3  | 39.5  |

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#48

2-Nitroaniline

Concen: 42.022 ng

RT: 9.175 min Scan# 1205

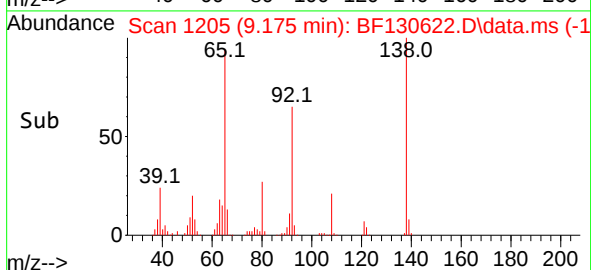
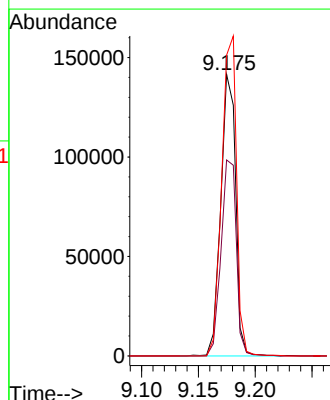
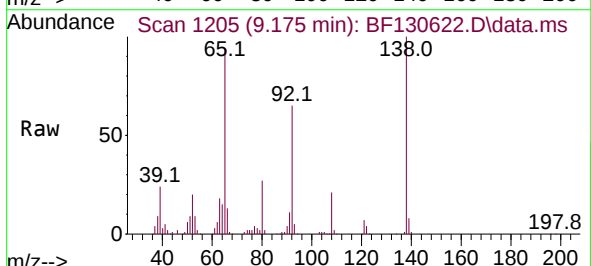
Delta R.T. -0.005 min

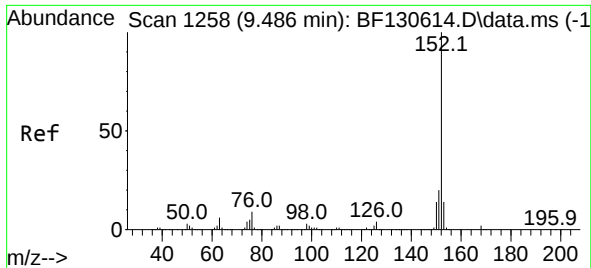
Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Tgt Ion: 65 Resp: 128375

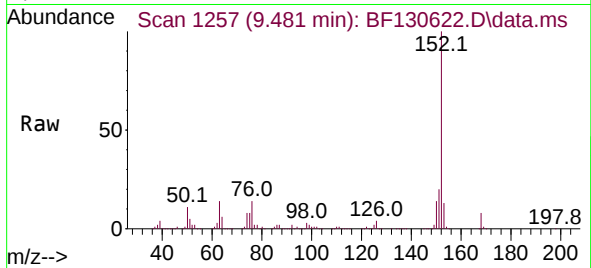
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 69.6  | 57.4  | 86.0  |
| 138 | 106.8 | 96.7  | 145.1 |





#49  
Acenaphthylene  
Concen: 42.099 ng  
RT: 9.481 min Scan# 1258  
Delta R.T. -0.005 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

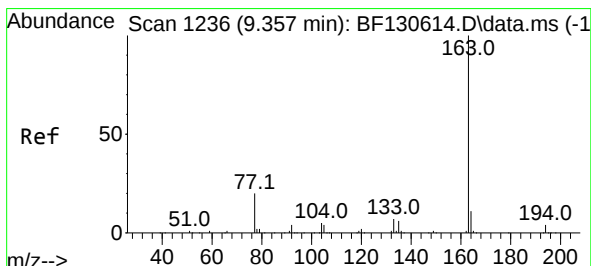
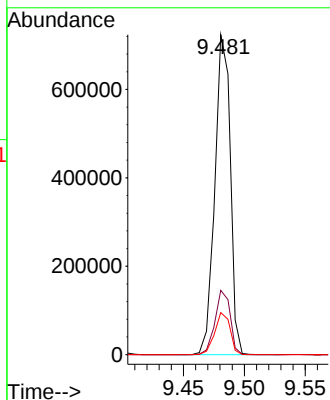
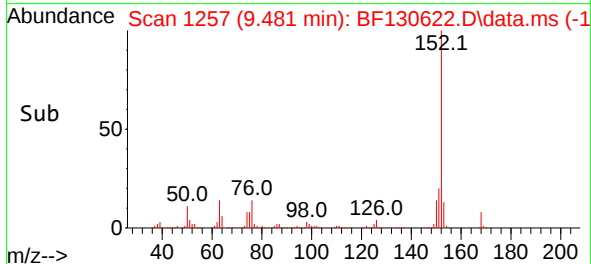
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



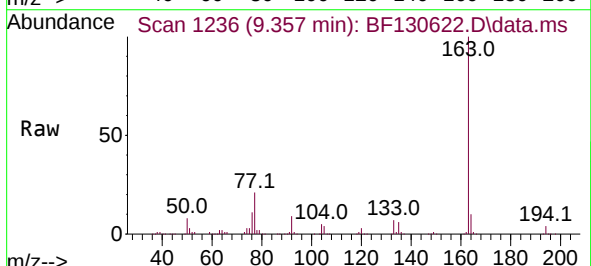
Tgt Ion:152 Resp: 64014  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 13.1 10.8 16.2

Manual Integrations  
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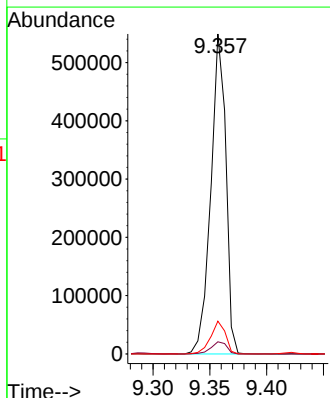
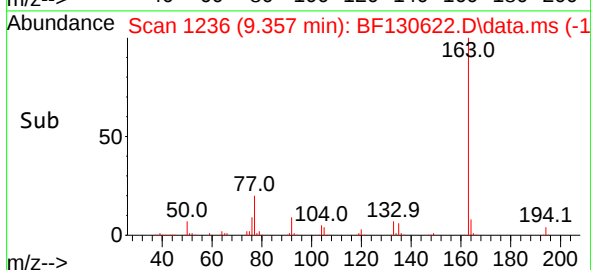
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

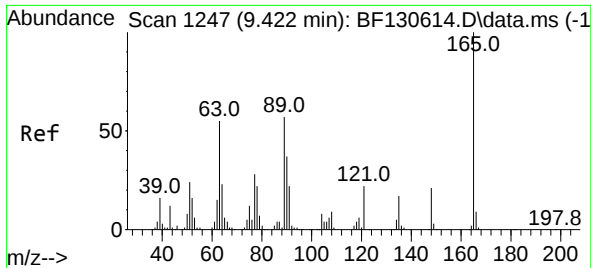


#50  
Dimethylphthalate  
Concen: 42.664 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



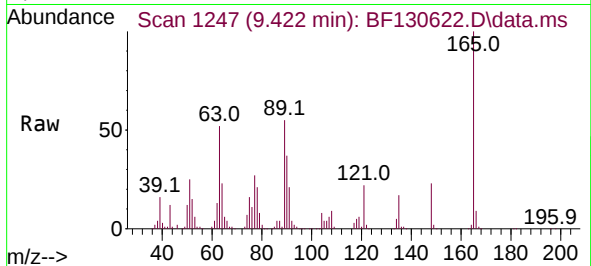
Tgt Ion:163 Resp: 506012  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.2 8.5 12.7





#51  
2,6-Dinitrotoluene  
Concen: 42.121 ng  
RT: 9.422 min Scan# 1247  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

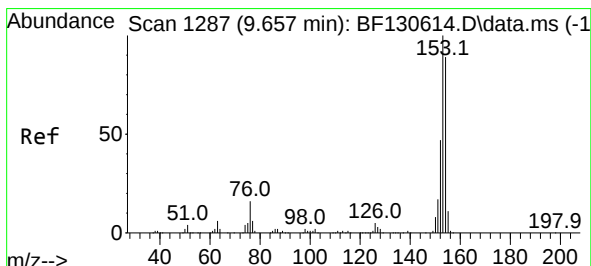
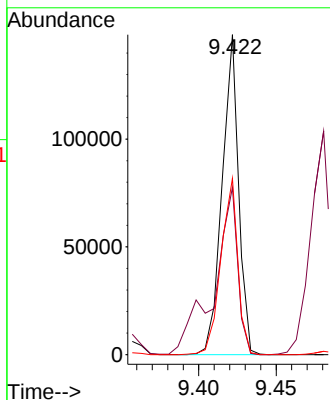
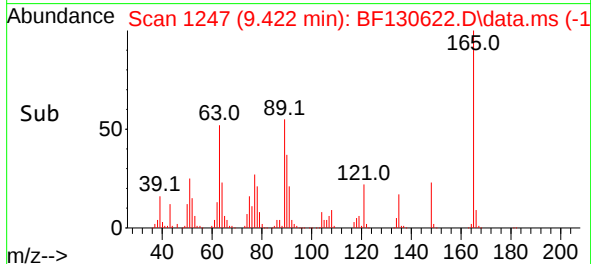
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 109585  
Ion Ratio Lower Upper  
165 100  
63 52.2 45.3 67.9  
89 55.1 45.6 68.4

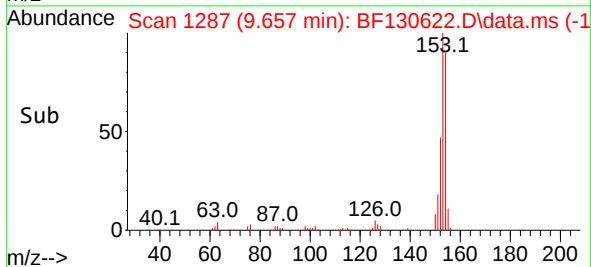
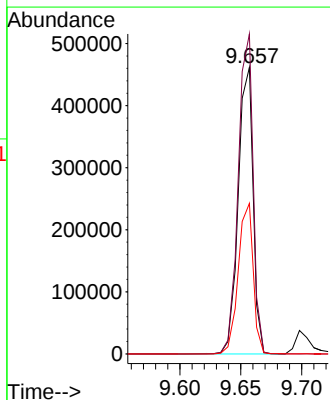
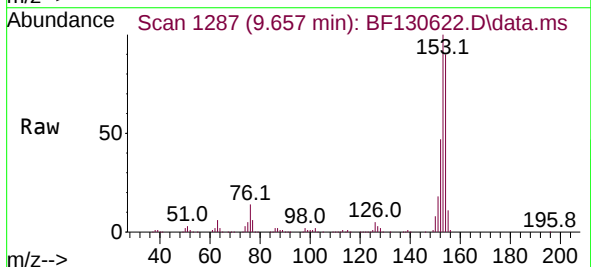
Manual Integrations  
APPROVED

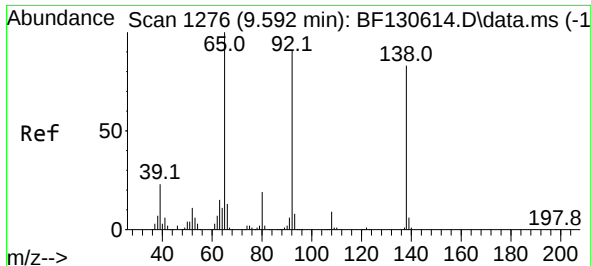
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#52  
Acenaphthene  
Concen: 42.688 ng  
RT: 9.657 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

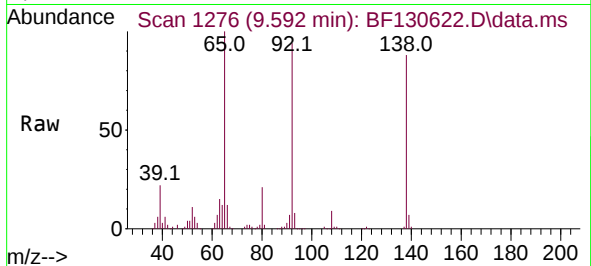
Tgt Ion:154 Resp: 393269  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.6 134.4  
152 52.6 42.4 63.6





#53  
3-Nitroaniline  
Concen: 42.477 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

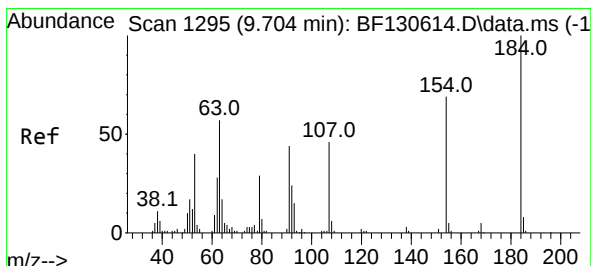
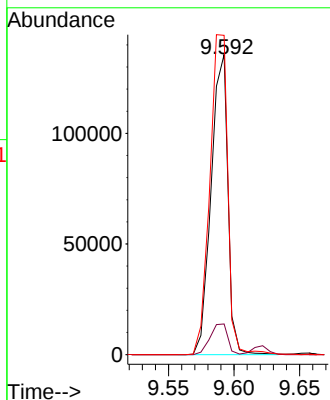
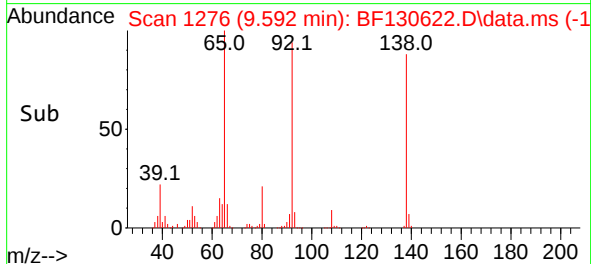
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



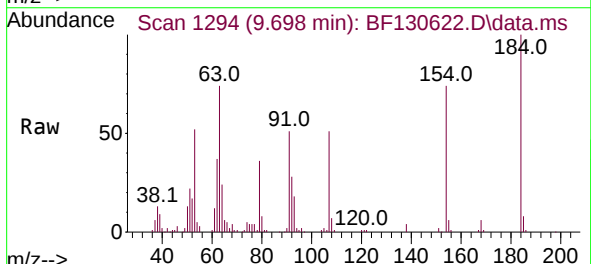
Tgt Ion:138 Resp: 121137  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.4 12.6  
92 106.4 88.2 132.4

Manual Integrations  
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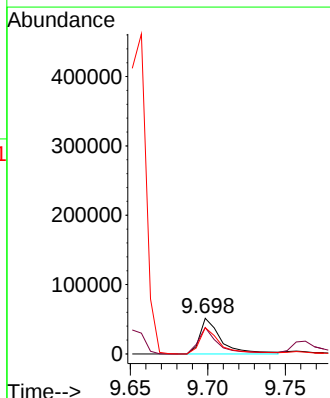
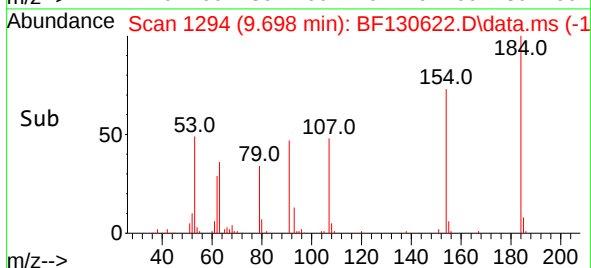
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

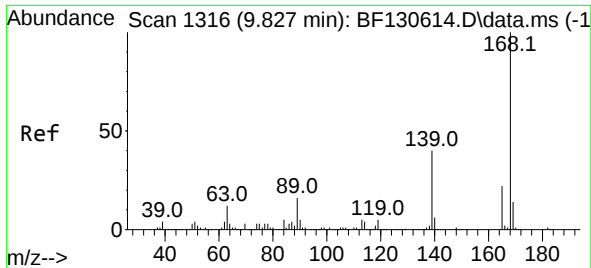


#54  
2,4-Dinitrophenol  
Concen: 39.830 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



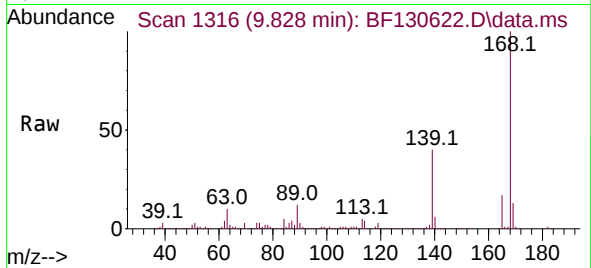
Tgt Ion:184 Resp: 49274  
Ion Ratio Lower Upper  
184 100  
63 73.8 45.5 68.3#  
154 73.7 55.1 82.7





#55  
Dibenzofuran  
Concen: 42.553 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

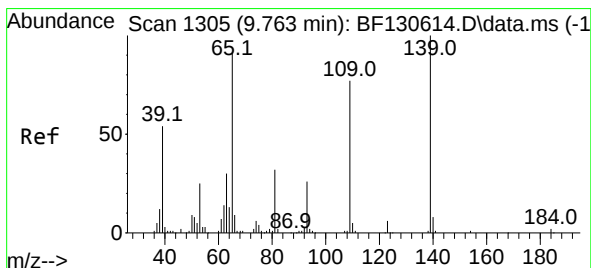
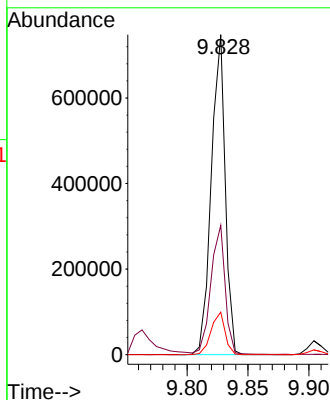
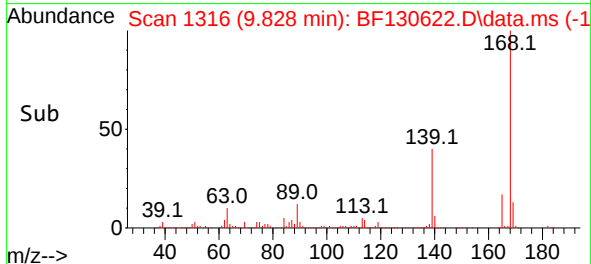
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 597214  
Ion Ratio Lower Upper  
168 100  
139 40.4 33.0 49.4  
169 13.3 10.9 16.3

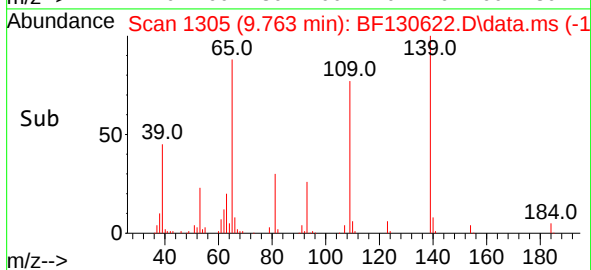
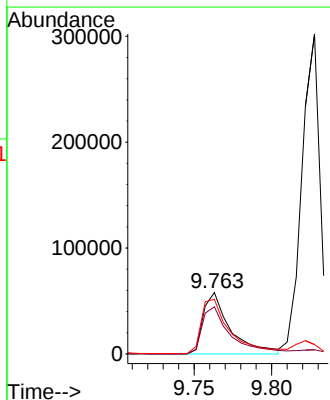
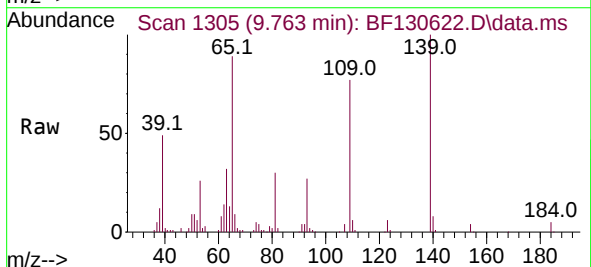
Manual Integrations  
APPROVED

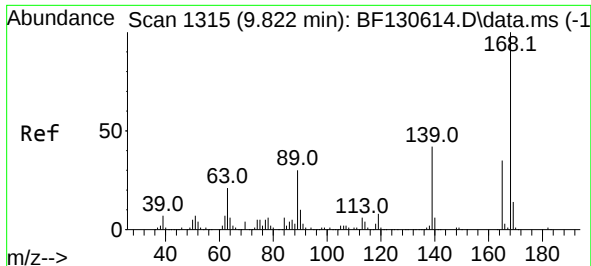
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#56  
4-Nitrophenol  
Concen: 44.809 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Tgt Ion:139 Resp: 70459  
Ion Ratio Lower Upper  
139 100  
109 76.8 57.4 97.4  
65 89.2 71.3 111.3





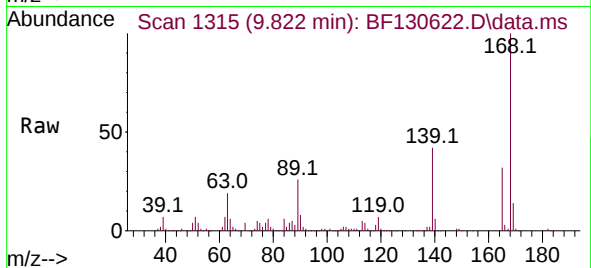
#57  
2,4-Dinitrotoluene  
Concen: 43.327 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

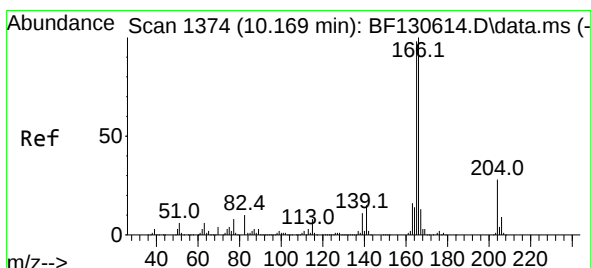
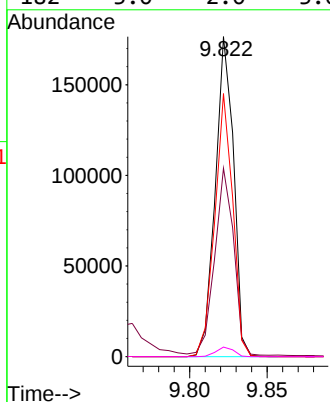
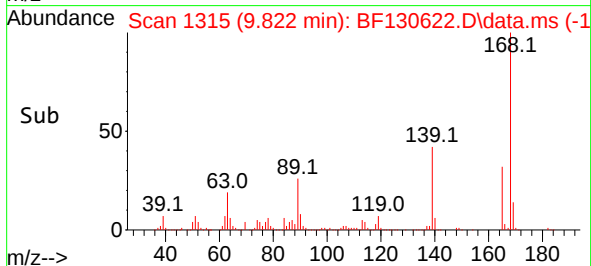


Tgt Ion:165 Resp: 144873  
Ion Ratio Lower Upper  
165 100  
63 58.9 50.6 76.0  
89 82.2 68.6 102.8  
182 3.0 2.0 3.0

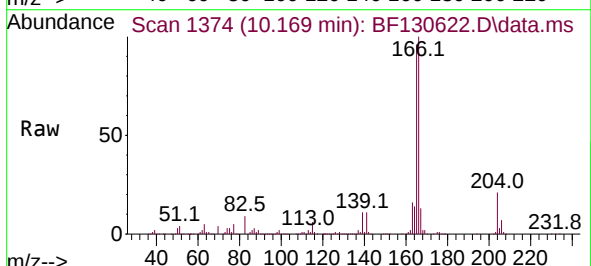
Manual Integrations

APPROVED

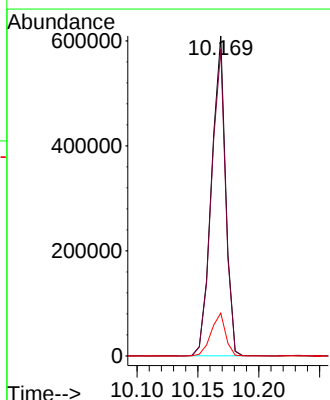
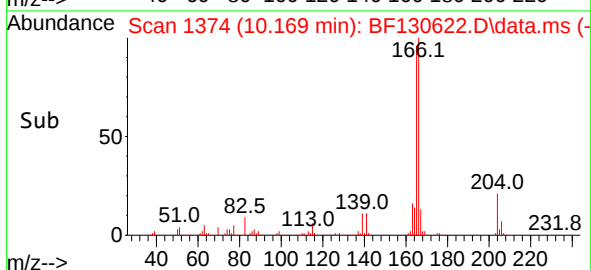
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

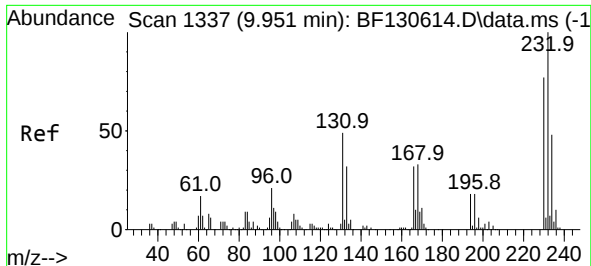


#58  
Fluorene  
Concen: 42.659 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



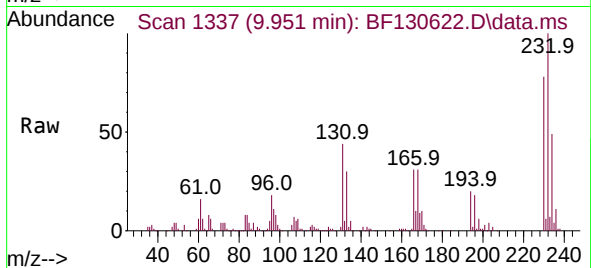
Tgt Ion:166 Resp: 492212  
Ion Ratio Lower Upper  
166 100  
165 95.8 78.2 117.4  
167 13.4 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.750 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

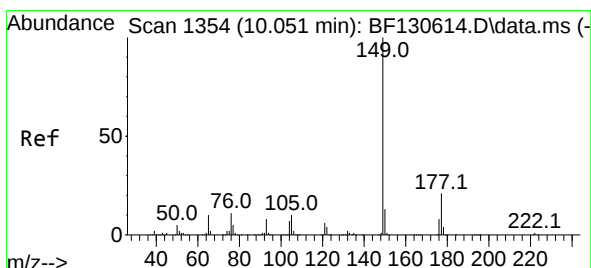
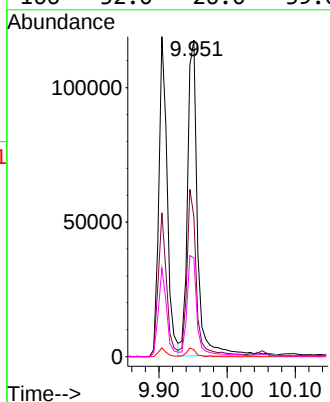
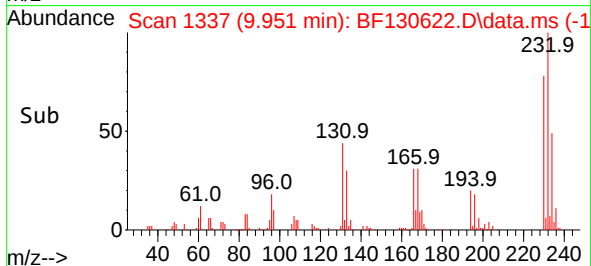
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



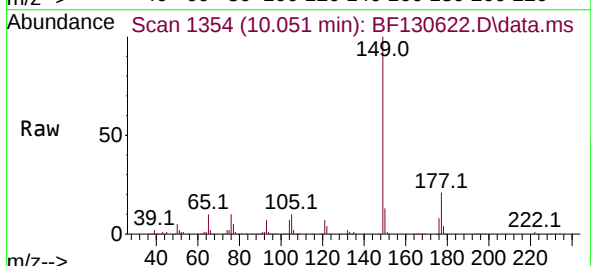
Tgt Ion:232 Resp: 119724  
Ion Ratio Lower Upper  
232 100  
131 50.3 41.4 62.0  
130 2.4 2.1 3.1  
166 32.0 26.0 39.0

Manual Integrations  
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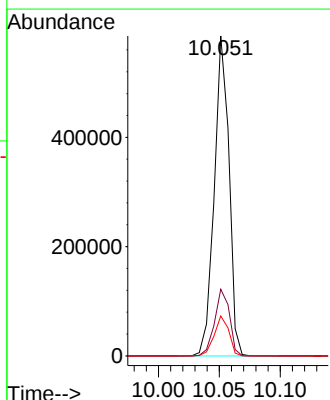
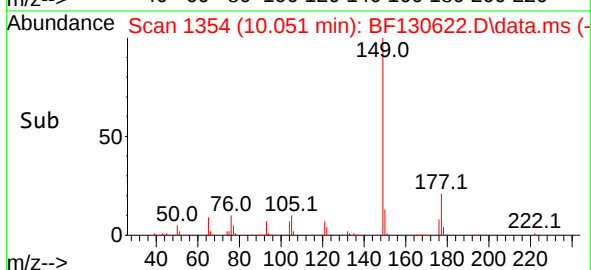
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

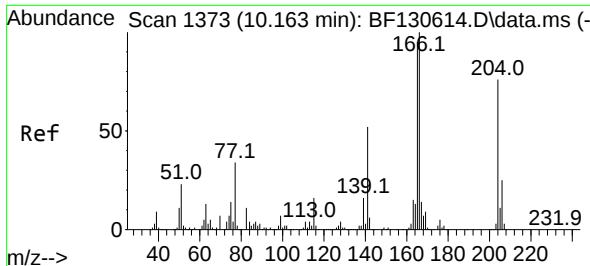


#60  
Diethylphthalate  
Concen: 41.698 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



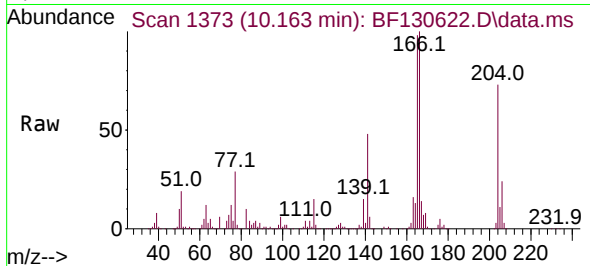
Tgt Ion:149 Resp: 493436  
Ion Ratio Lower Upper  
149 100  
177 20.8 16.7 25.1  
150 12.5 10.5 15.7





#61  
4-Chlorophenyl-phenylether  
Concen: 43.181 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

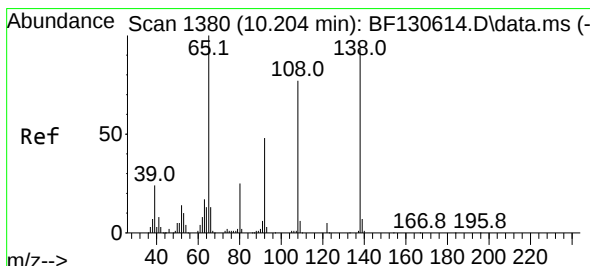
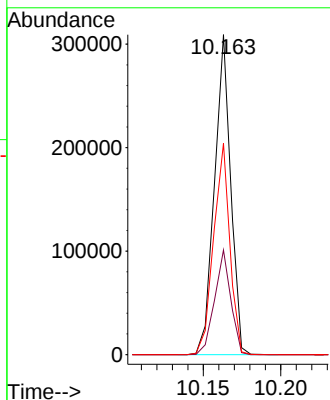
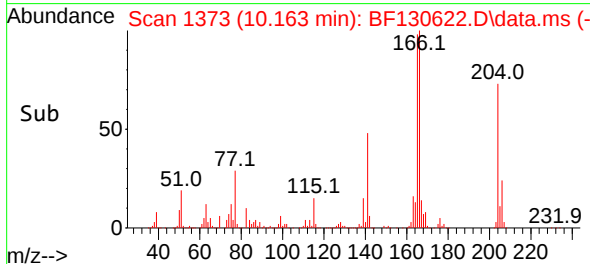
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



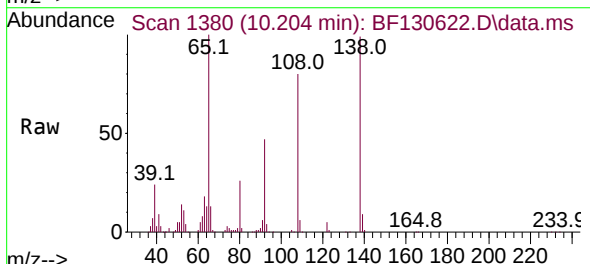
Tgt Ion:204 Resp: 22525  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.1 39.1  
141 66.0 54.6 81.8

Manual Integrations  
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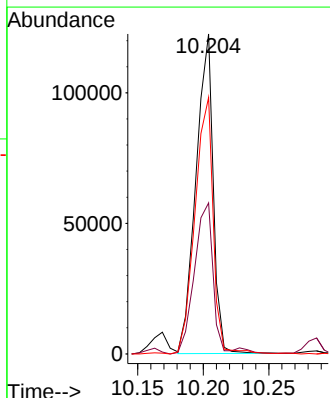
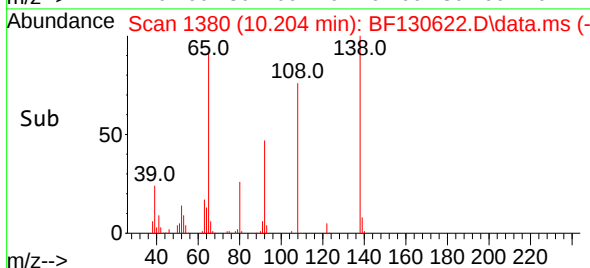
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

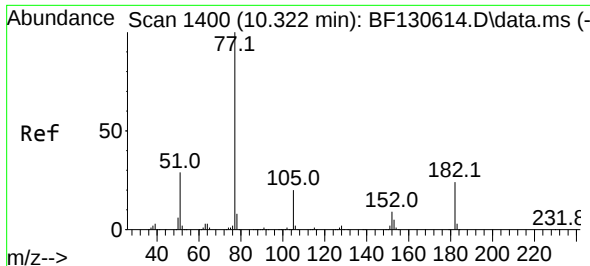


#62  
4-Nitroaniline  
Concen: 41.234 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



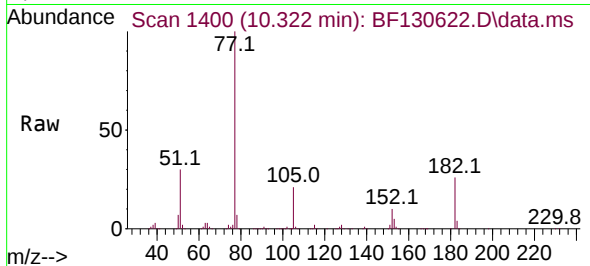
Tgt Ion:138 Resp: 112272  
Ion Ratio Lower Upper  
138 100  
92 47.2 31.1 71.1  
108 80.1 62.1 102.1





#63  
Azobenzene  
Concen: 40.032 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

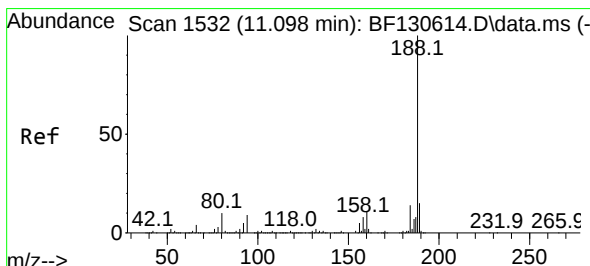
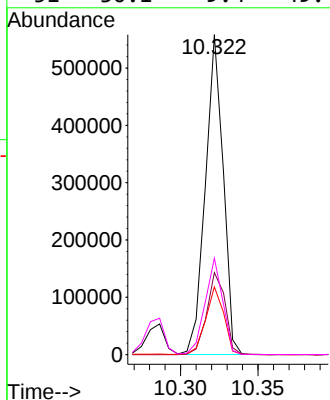
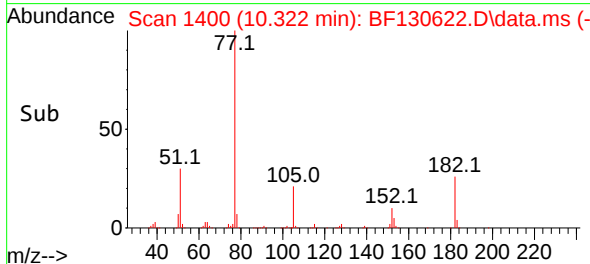
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 446184  
Ion Ratio Lower Upper  
77 100  
182 25.6 3.8 43.8  
105 21.2 0.3 40.3  
51 30.1 9.4 49.4

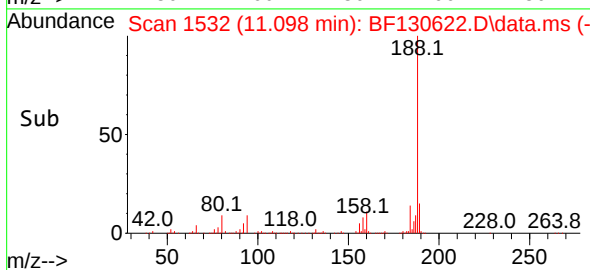
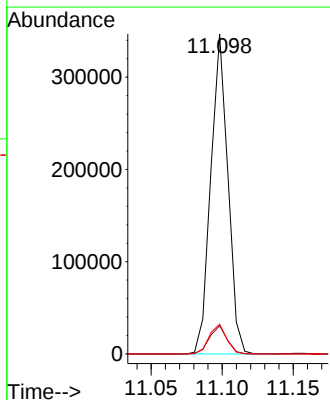
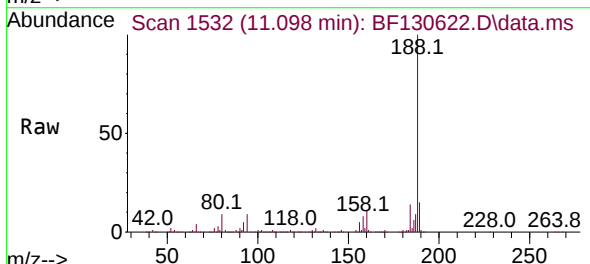
Manual Integrations  
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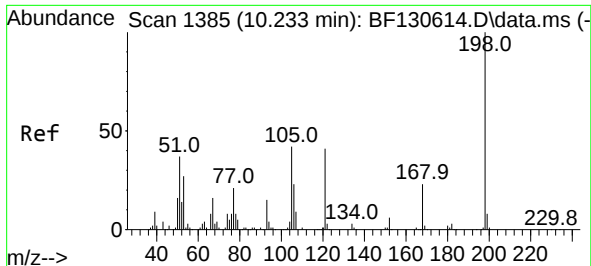
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.098 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Tgt Ion:188 Resp: 291541  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.4 11.2  
80 9.3 8.0 12.0





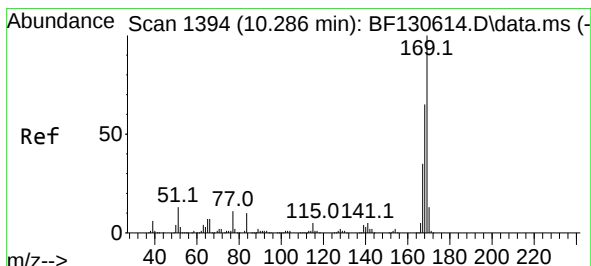
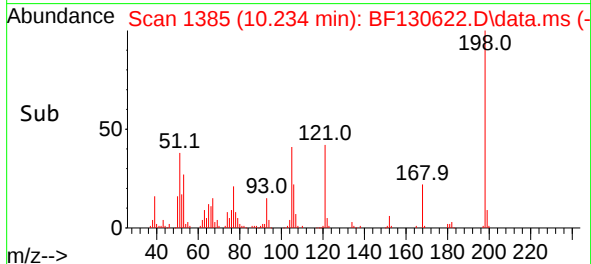
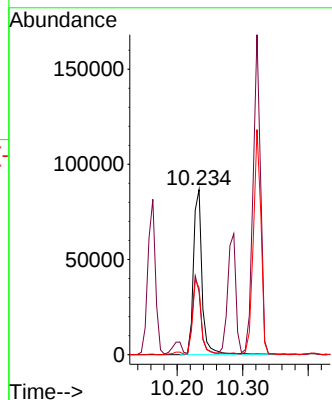
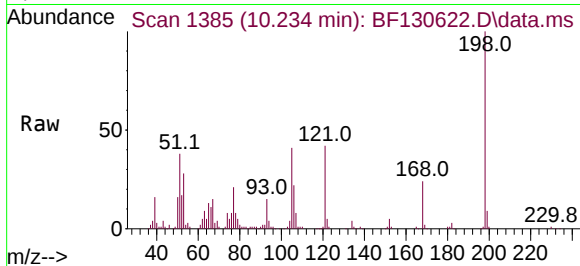
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.465 ng  
RT: 10.234 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 79189  
Ion Ratio Lower Upper  
198 100  
51 38.1 18.7 58.7  
105 40.5 22.0 62.0

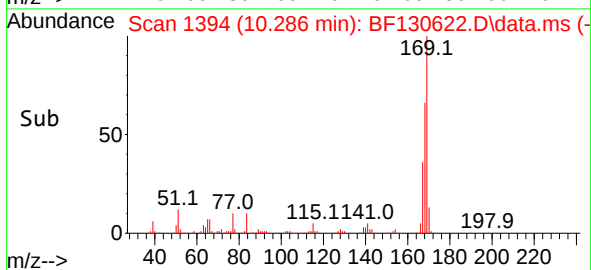
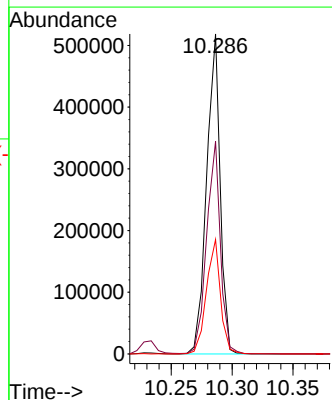
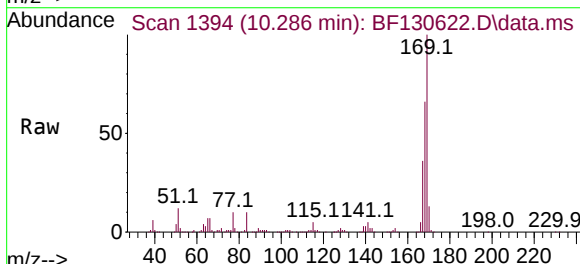
Manual Integrations  
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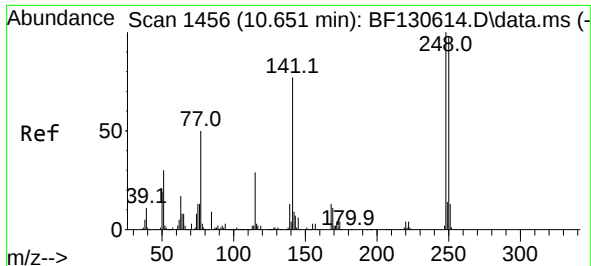
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.488 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

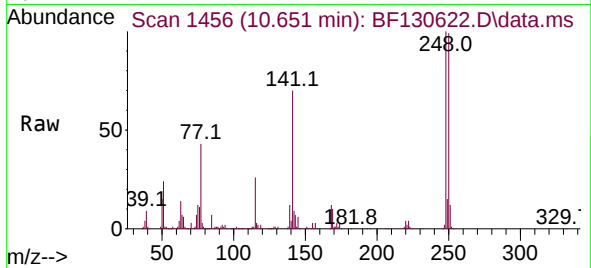
Tgt Ion:169 Resp: 402340  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.4  
167 35.7 28.3 42.5





#67  
4-Bromophenyl-phenylether  
Concen: 44.069 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

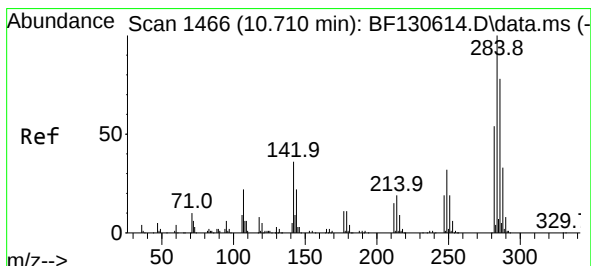
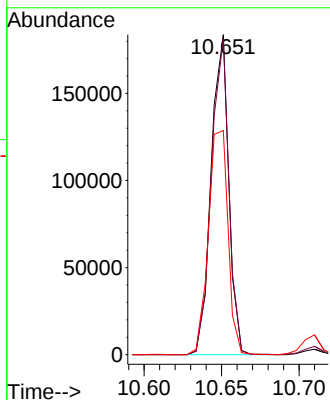
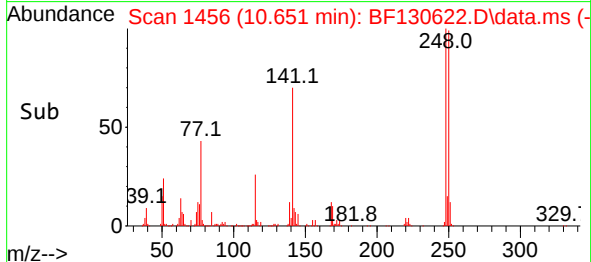
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



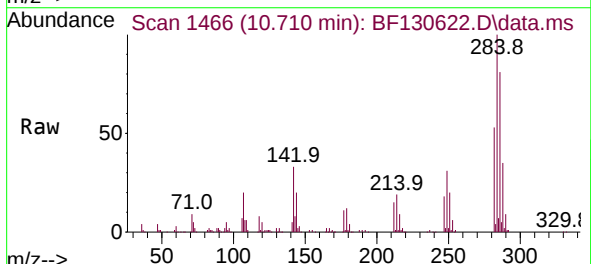
Tgt Ion:248 Resp: 145372  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.7 118.1  
141 70.0 61.6 92.4

Manual Integrations  
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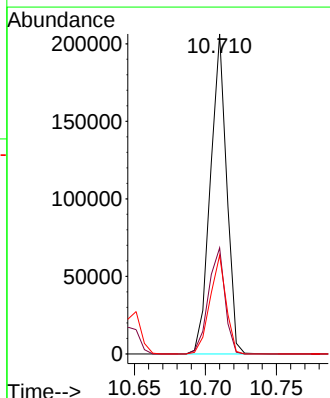
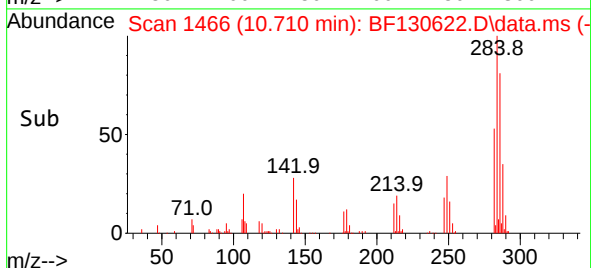
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

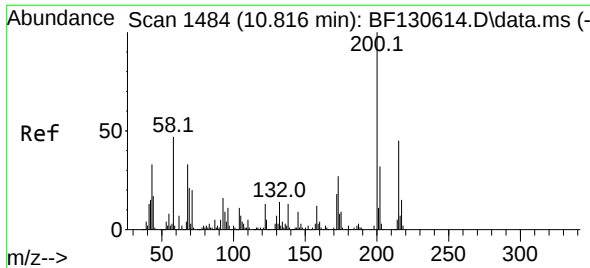


#68  
Hexachlorobenzene  
Concen: 43.849 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



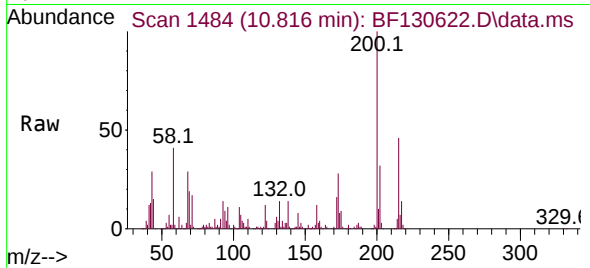
Tgt Ion:284 Resp: 163514  
Ion Ratio Lower Upper  
284 100  
142 33.1 28.6 42.8  
249 30.8 25.2 37.8





#69  
 Atrazine  
 Concen: 45.094 ng  
 RT: 10.816 min Scan# 1484  
 Delta R.T. 0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22

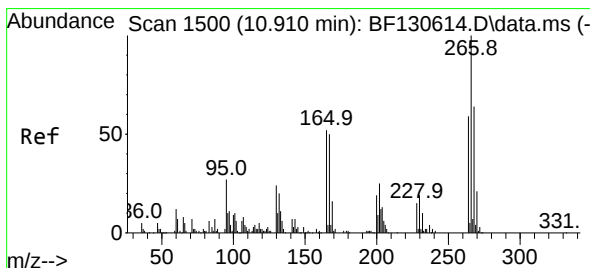
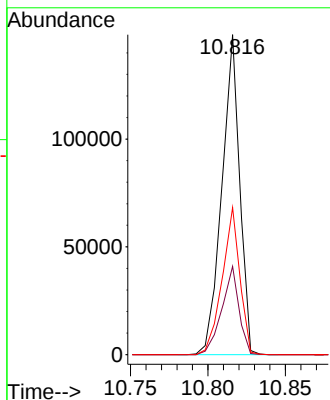
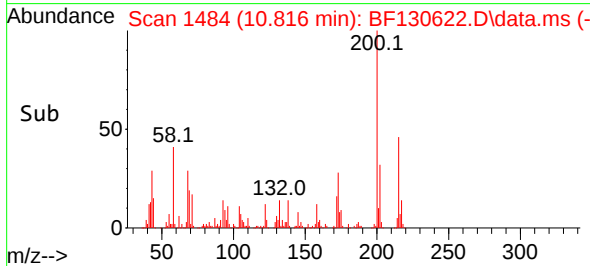
Instrument :  
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 ClientSampleId :  
 SSTDCCC040



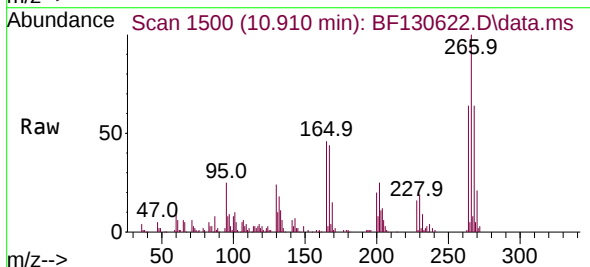
Tgt Ion:200 Resp: 119082  
 Ion Ratio Lower Upper  
 200 100  
 173 27.6 7.1 47.1  
 215 46.0 24.9 64.9

Manual Integrations  
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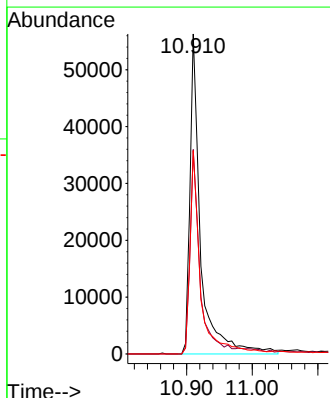
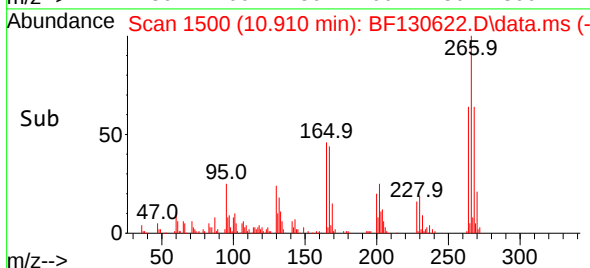
Reviewed By :Christian Giraldo 10/13/2022  
 Supervised By :Jagrut Upadhyay 10/13/2022

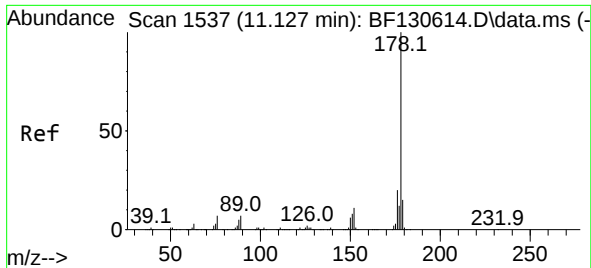


#70  
 Pentachlorophenol  
 Concen: 43.959 ng  
 RT: 10.910 min Scan# 1500  
 Delta R.T. -0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22



Tgt Ion:266 Resp: 63799  
 Ion Ratio Lower Upper  
 266 100  
 268 63.9 50.8 76.2  
 264 63.5 47.5 71.3





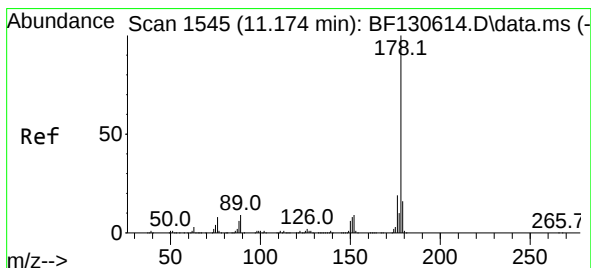
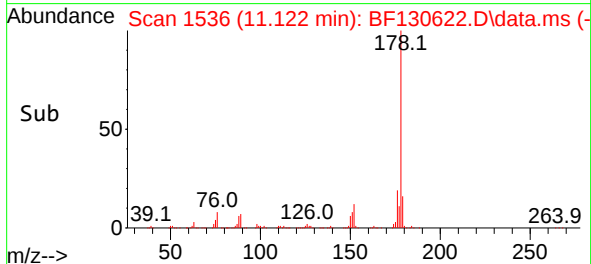
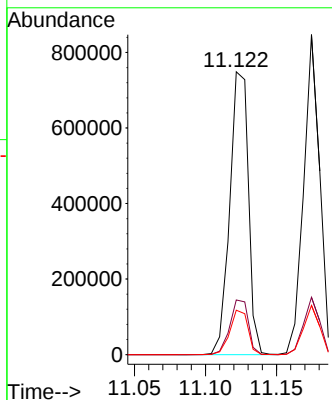
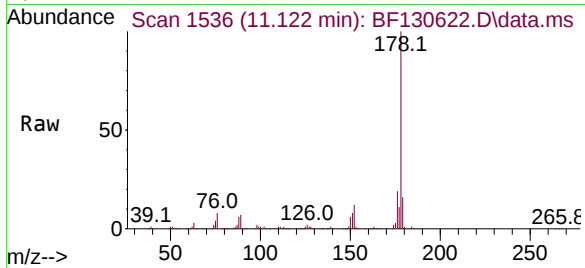
#71  
Phenanthrene  
Concen: 42.309 ng  
RT: 11.122 min Scan# 1537  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 683398  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 15.7 12.2 18.4

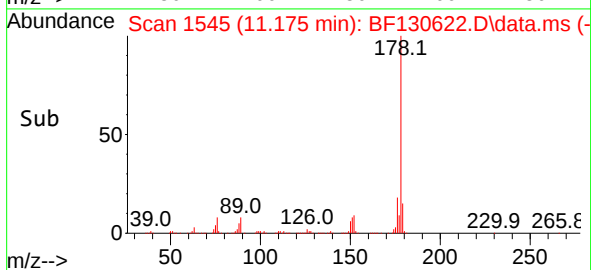
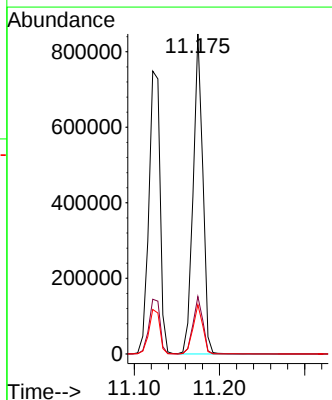
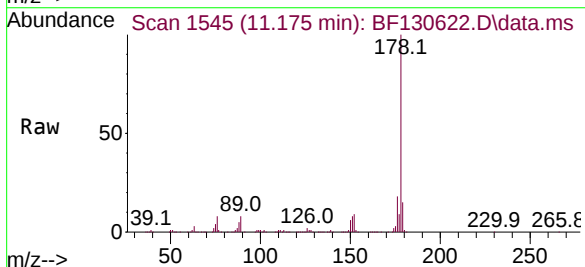
Manual Integrations  
APPROVED

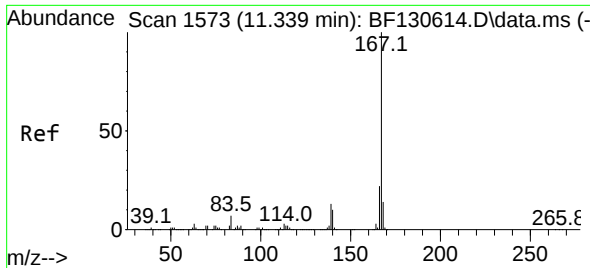
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#72  
Anthracene  
Concen: 42.323 ng  
RT: 11.175 min Scan# 1545  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

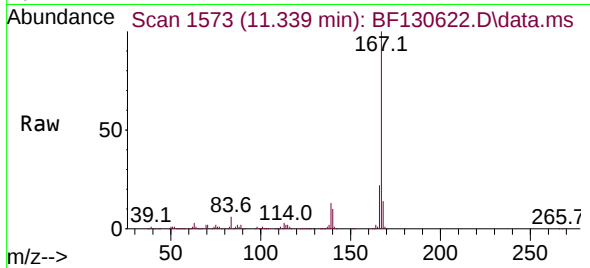
Tgt Ion:178 Resp: 667657  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.4 12.5 18.7





#73  
 Carbazole  
 Concen: 41.616 ng  
 RT: 11.339 min Scan# 1573  
 Delta R.T. 0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22

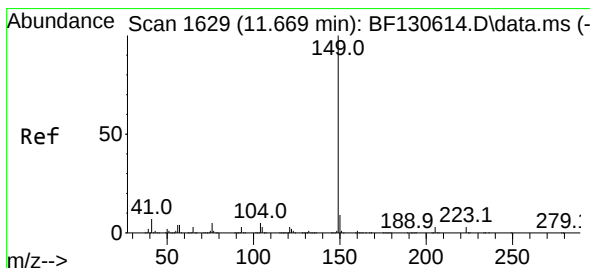
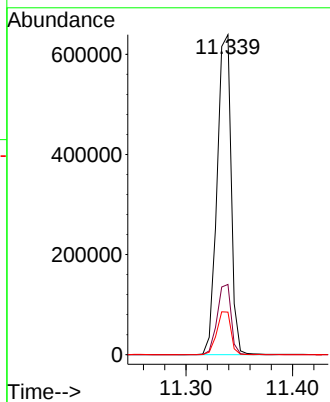
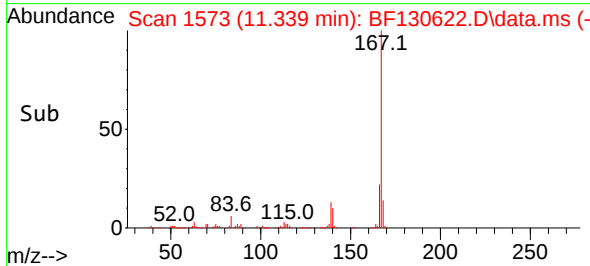
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



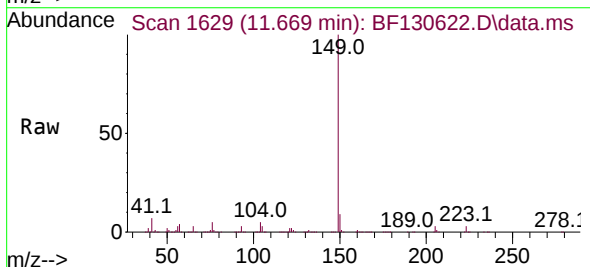
Tgt Ion:167 Resp: 585796  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.3 25.9  
 139 13.3 10.7 16.1

Manual Integrations  
 APPROVED

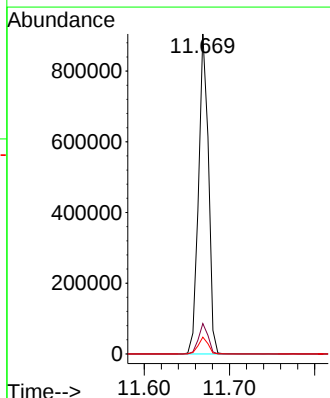
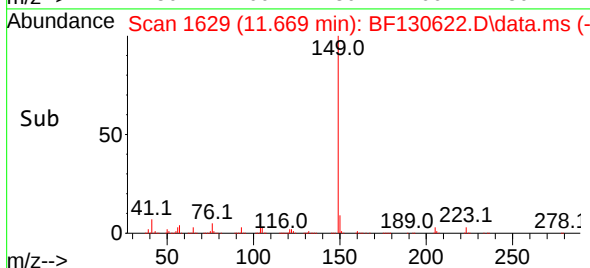
Reviewed By :Christian Giraldo 10/13/2022  
 Supervised By :Jagrut Upadhyay 10/13/2022

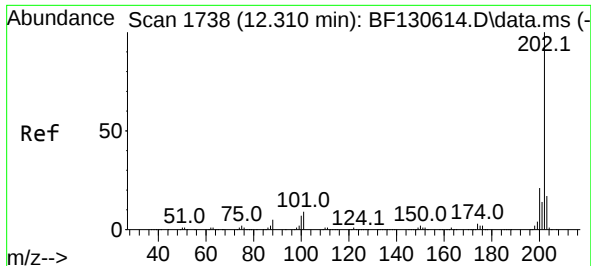


#74  
 Di-n-butylphthalate  
 Concen: 42.617 ng  
 RT: 11.669 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22



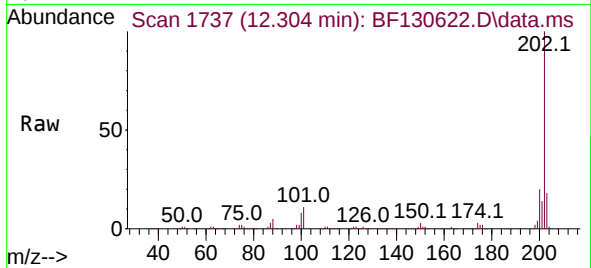
Tgt Ion:149 Resp: 726668  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 5.2 4.2 6.2





#75  
Fluoranthene  
Concen: 42.575 ng  
RT: 12.304 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

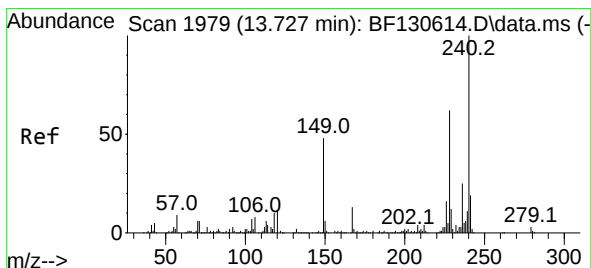
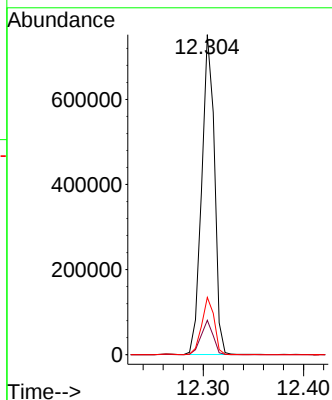
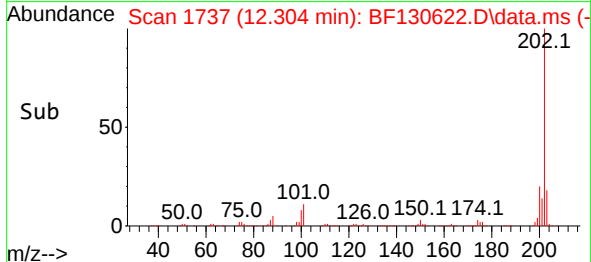
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 660944  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 29.1  
203 17.9 0.0 37.3

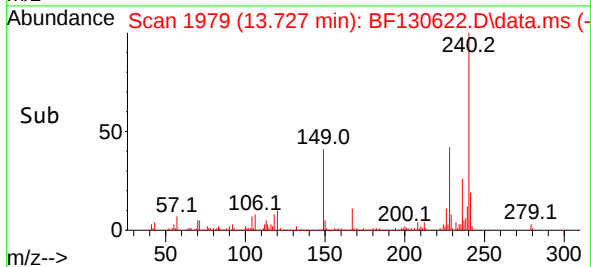
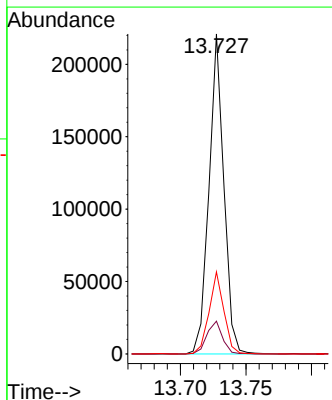
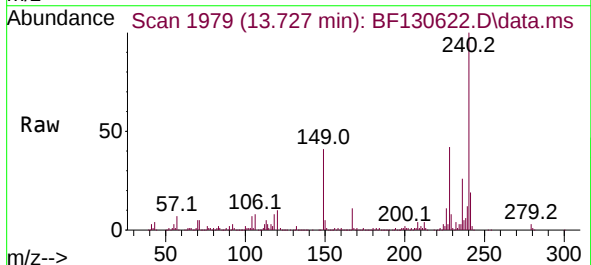
Manual Integrations  
APPROVED

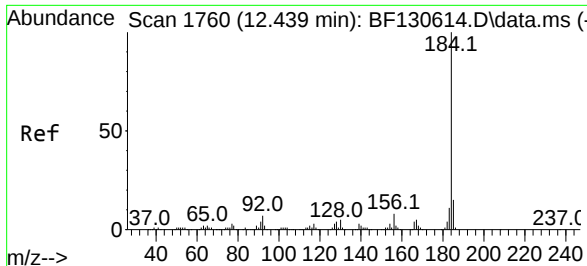
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.727 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

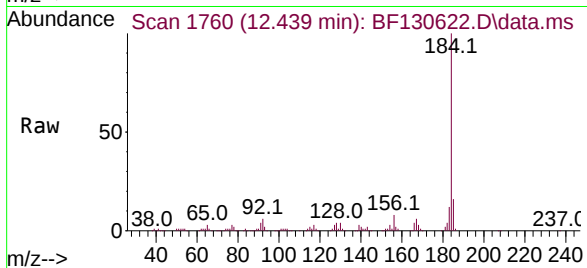
Tgt Ion:240 Resp: 174332  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.6 13.0  
236 25.6 20.2 30.4





#77  
Benzidine  
Concen: 37.492 ng  
RT: 12.439 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

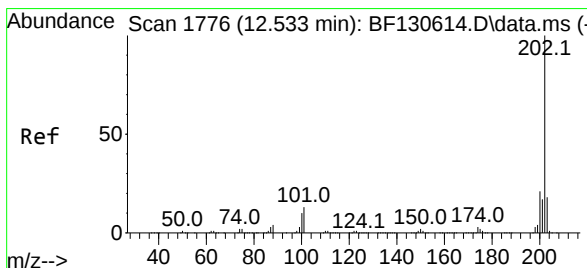
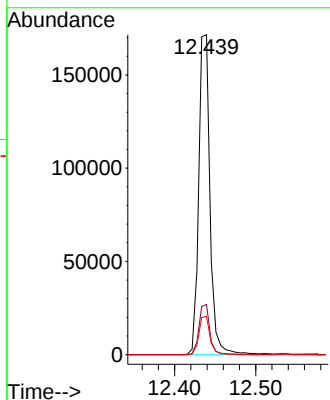
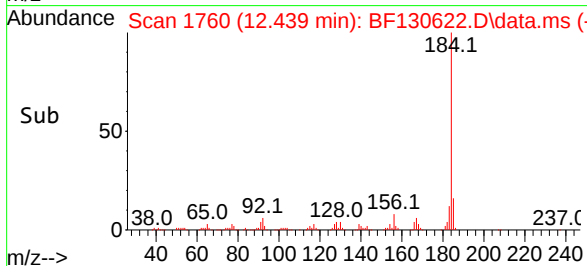
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



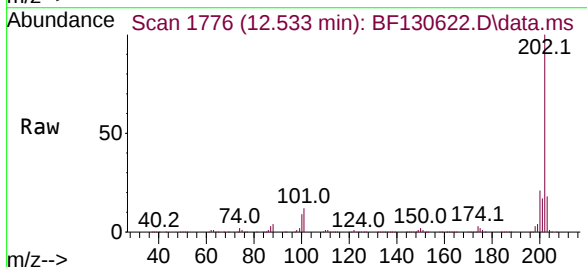
Tgt Ion:184 Resp: 165207  
Ion Ratio Lower Upper  
184 100  
185 15.7 12.0 18.0  
183 11.9 9.0 13.4

Manual Integrations  
APPROVED

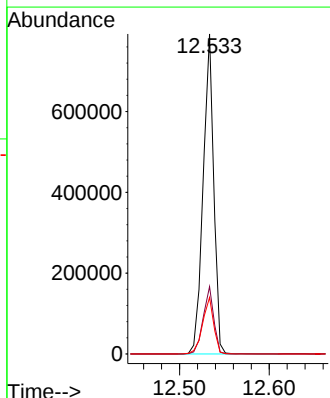
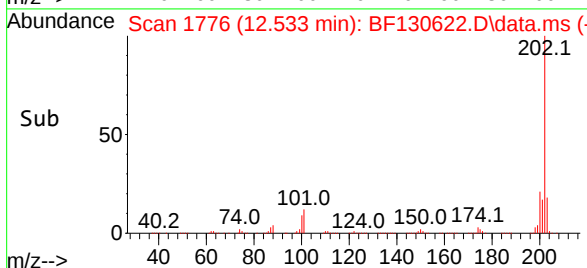
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

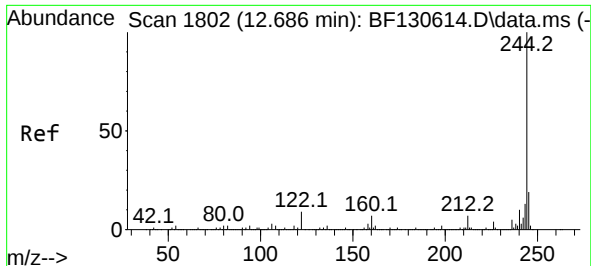


#78  
Pyrene  
Concen: 43.184 ng  
RT: 12.533 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:202 Resp: 649470  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.6 14.0 21.0





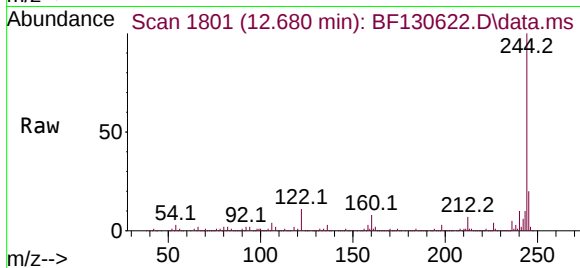
#79  
 Terphenyl-d14  
 Concen: 88.102 ng  
 RT: 12.680 min Scan# 1802  
 Delta R.T. -0.006 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

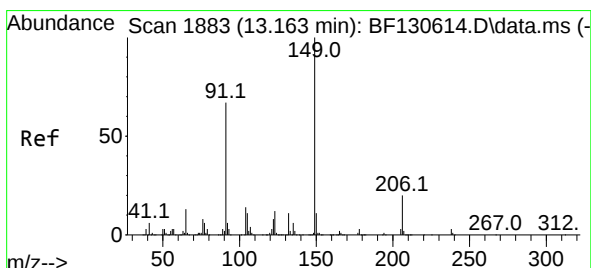
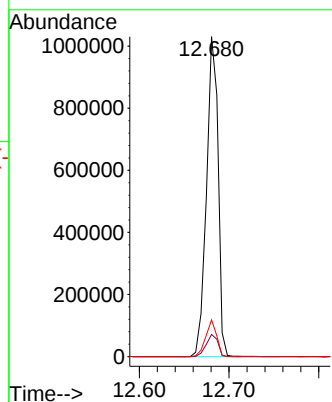
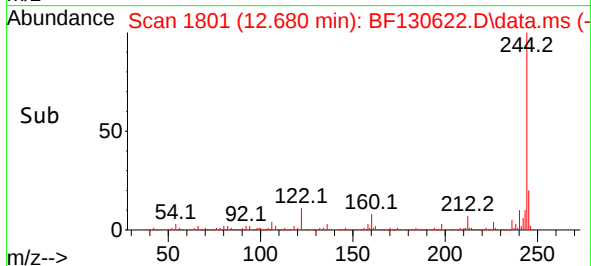


Tgt Ion:244 Resp: 925391  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.0  
 122 11.5 7.5 11.3

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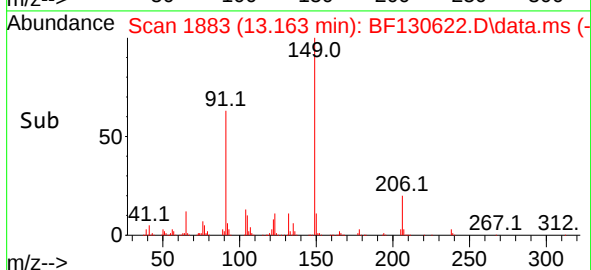
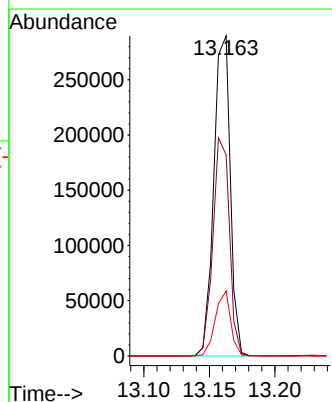
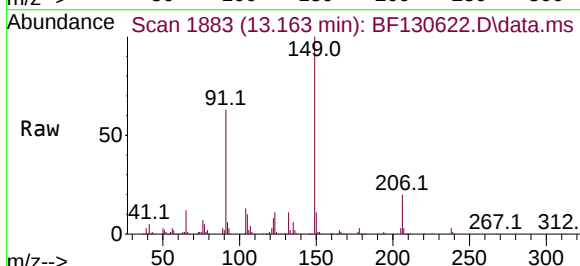
APPROVED

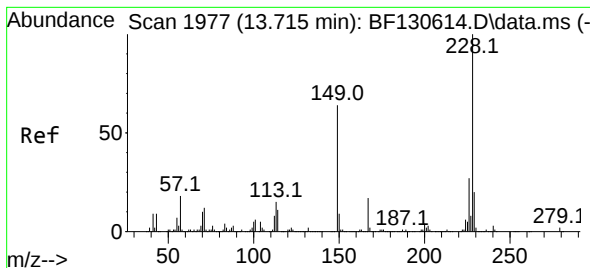
Reviewed By :Christian Giraldo 10/13/2022  
 Supervised By :Jagrut Upadhyay 10/13/2022



#80  
 Butylbenzylphthalate  
 Concen: 43.759 ng  
 RT: 13.163 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22

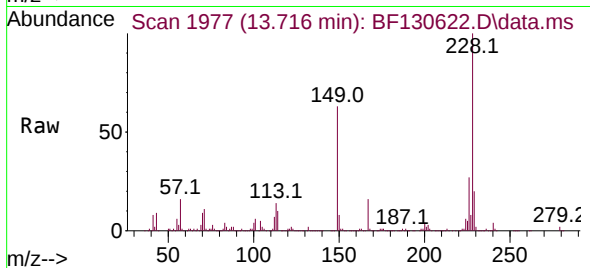
Tgt Ion:149 Resp: 253067  
 Ion Ratio Lower Upper  
 149 100  
 91 62.8 53.8 80.8  
 206 20.3 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 41.769 ng  
RT: 13.716 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

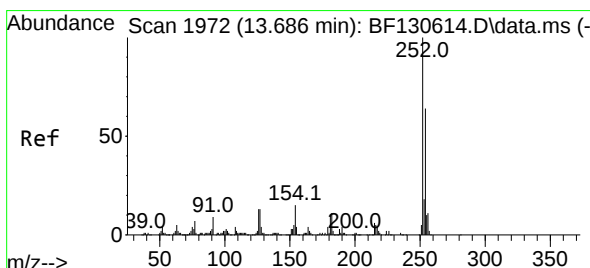
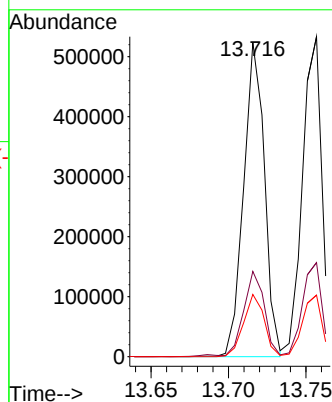
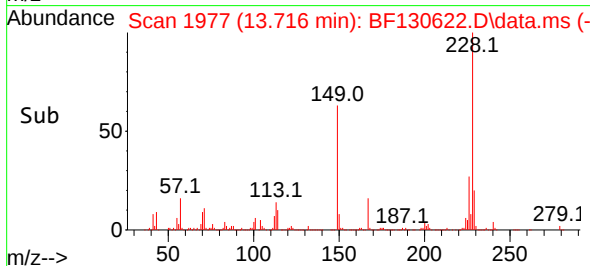
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



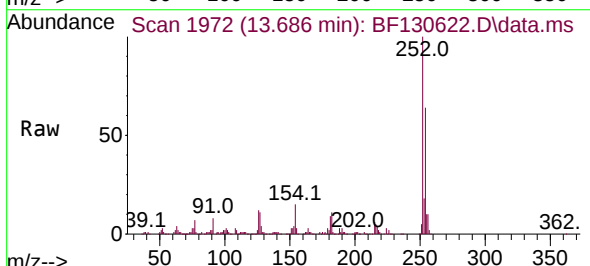
Tgt Ion:228 Resp: 490644  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.2  
229 19.8 15.8 23.8

Manual Integrations  
APPROVED

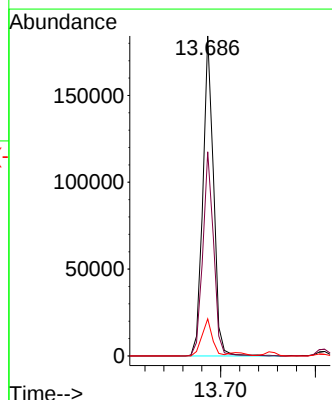
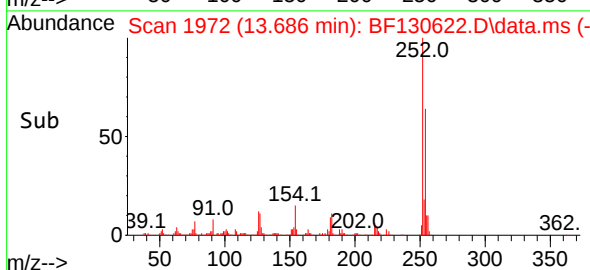
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

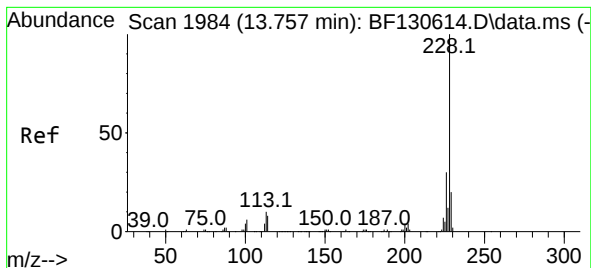


#82  
3,3'-Dichlorobenzidine  
Concen: 42.338 ng  
RT: 13.686 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:252 Resp: 143715  
Ion Ratio Lower Upper  
252 100  
254 63.8 50.9 76.3  
126 11.6 10.2 15.4





#83

Chrysene

Concen: 42.170 ng

RT: 13.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 469666

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

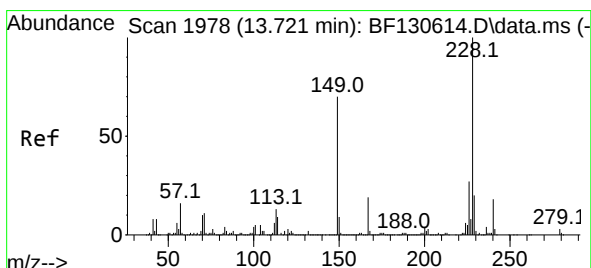
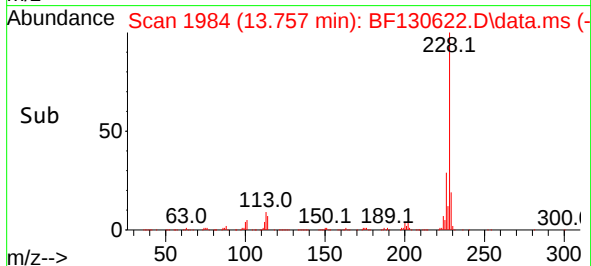
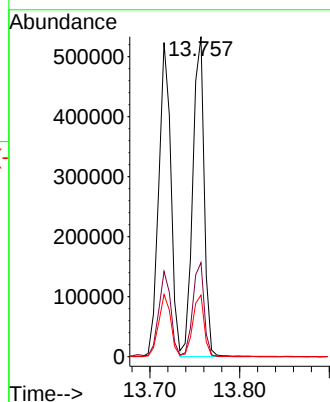
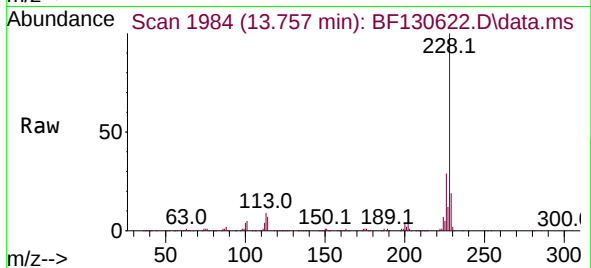
229 19.2 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/13/2022

Supervised By :Jagrut Upadhyay 10/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.599 ng

RT: 13.716 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BF130622.D

Acq: 12 Oct 2022 10:22

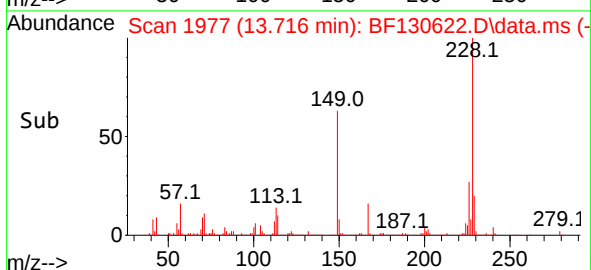
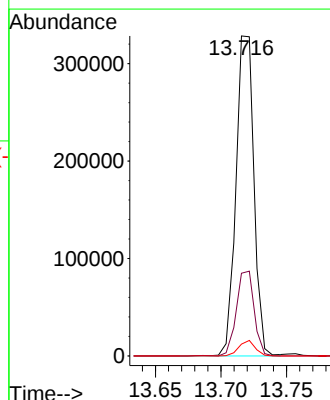
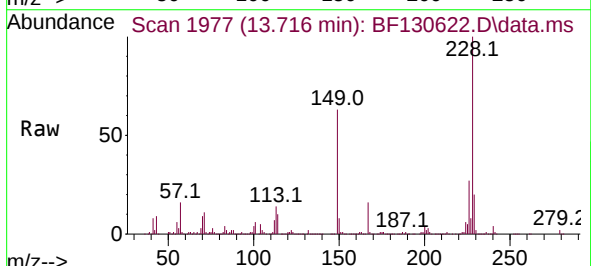
Tgt Ion:149 Resp: 312688

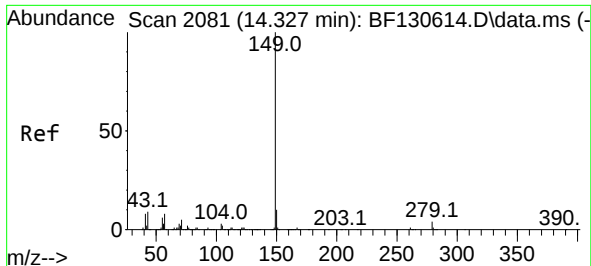
Ion Ratio Lower Upper

149 100

167 25.8 21.9 32.9

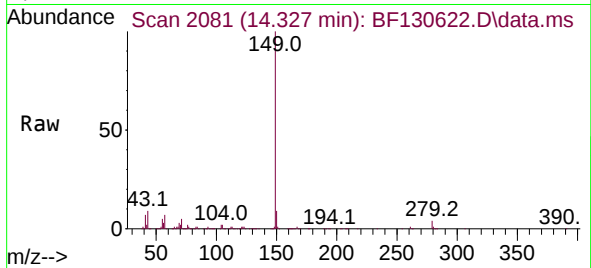
279 3.7 3.8 5.6#





#85  
Di-n-octyl phthalate  
Concen: 43.378 ng  
RT: 14.327 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

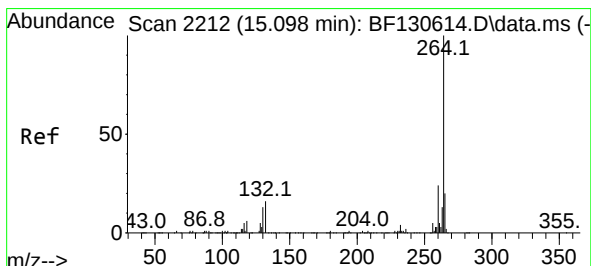
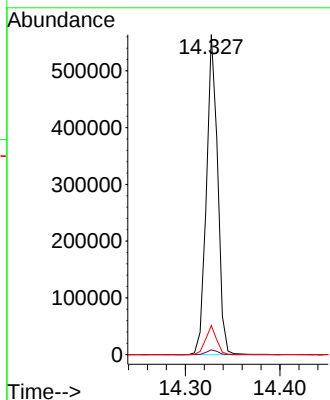
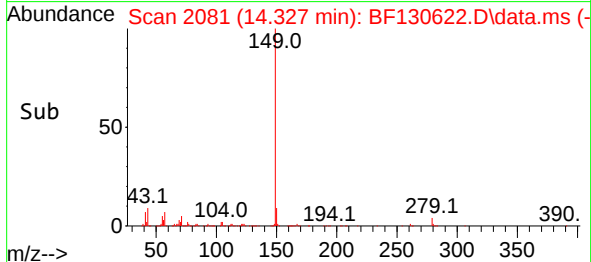
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 465772  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.9 7.2 10.8

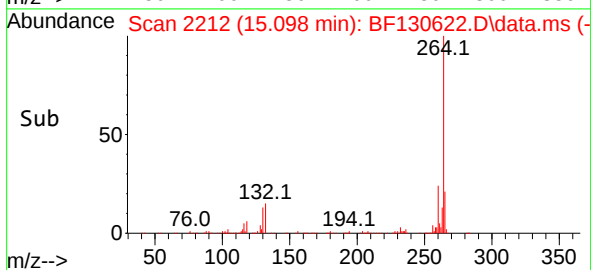
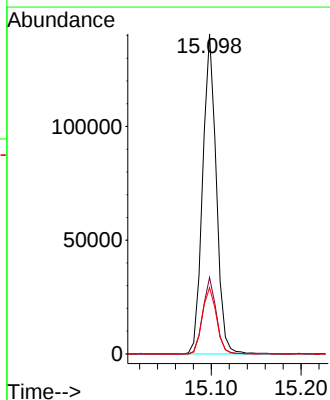
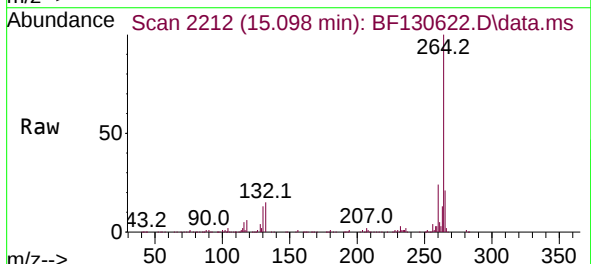
Manual Integrations  
APPROVED

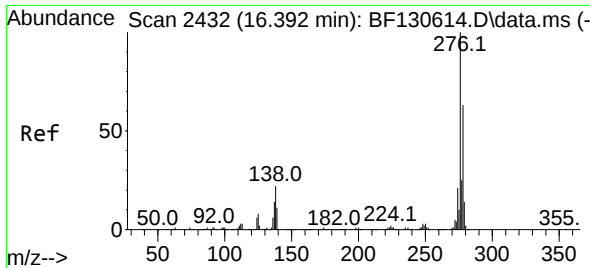
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.098 min Scan# 2212  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

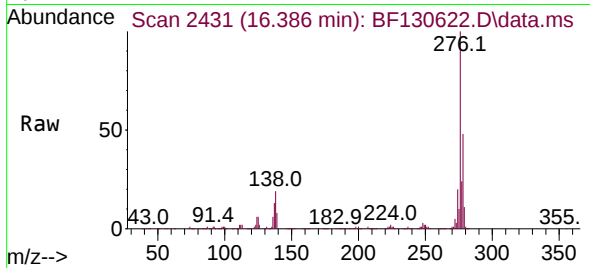
Tgt Ion:264 Resp: 147726  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.1 28.7  
265 20.7 16.4 24.6





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.606 ng  
 RT: 16.386 min Scan# 2432  
 Delta R.T. -0.006 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22

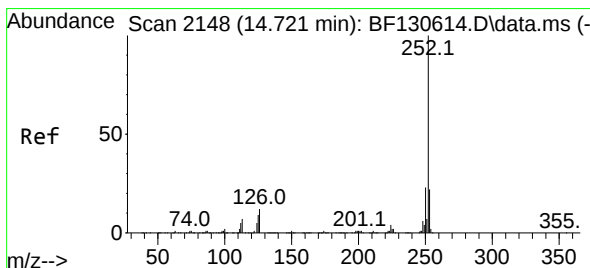
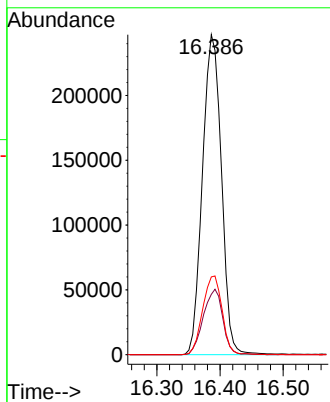
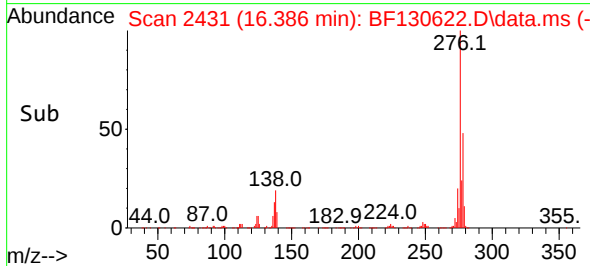
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



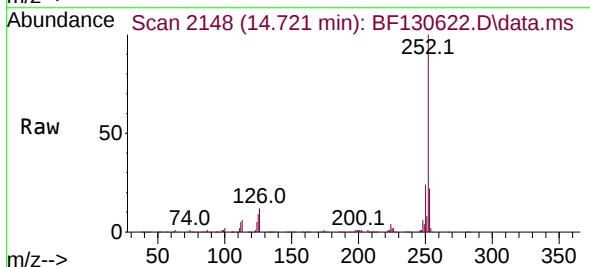
Tgt Ion: 276 Resp: 515312  
 Ion Ratio Lower Upper  
 276 100  
 138 21.0 18.0 27.0  
 277 25.1 20.0 30.0

Manual Integrations  
 APPROVED

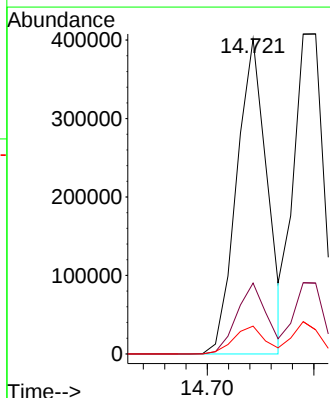
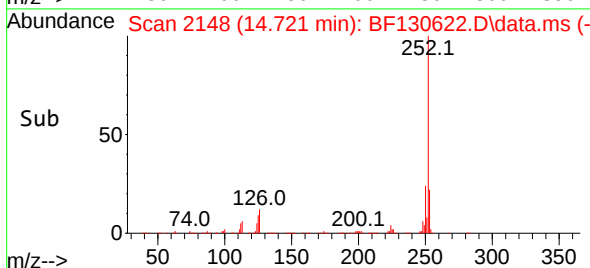
Reviewed By : Christian Giraldo 10/13/2022  
 Supervised By : Jagrut Upadhyay 10/13/2022

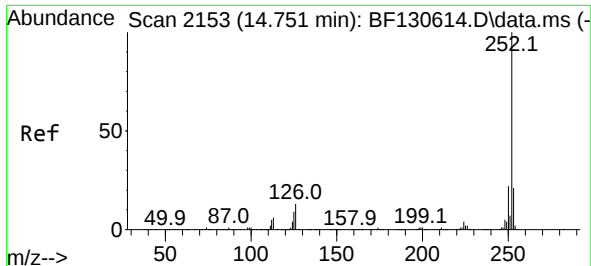


#88  
 Benzo(b)fluoranthene  
 Concen: 42.595 ng  
 RT: 14.721 min Scan# 2148  
 Delta R.T. 0.000 min  
 Lab File: BF130622.D  
 Acq: 12 Oct 2022 10:22



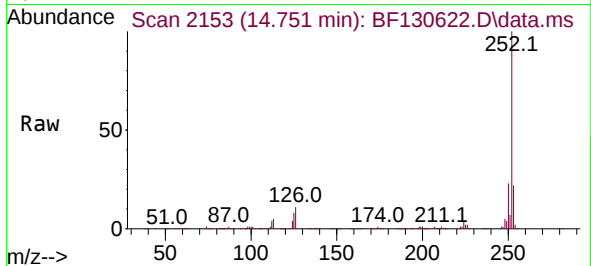
Tgt Ion: 252 Resp: 398444  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.4 26.2  
 125 8.8 7.4 11.0





#89  
Benzo(k)fluoranthene  
Concen: 42.585 ng  
RT: 14.751 min Scan# 2153  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

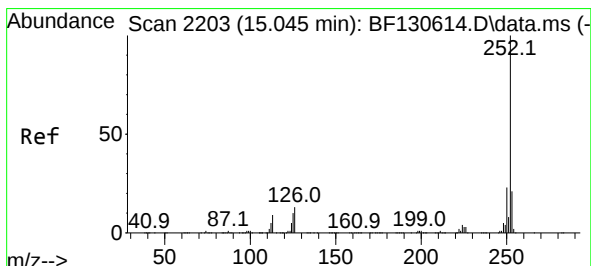
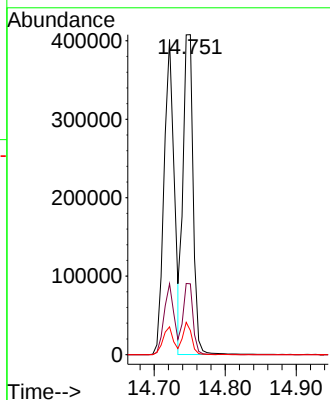
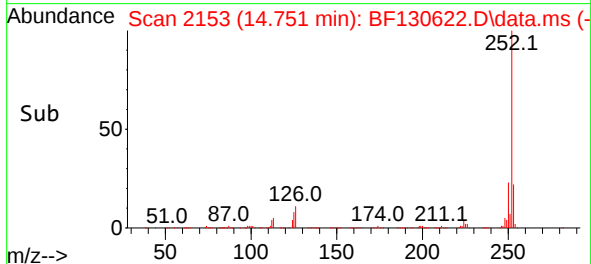
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



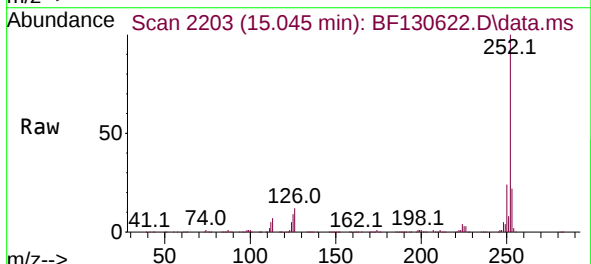
Tgt Ion:252 Resp: 405615  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.0 25.4  
125 7.5 7.2 10.8

Manual Integrations  
APPROVED

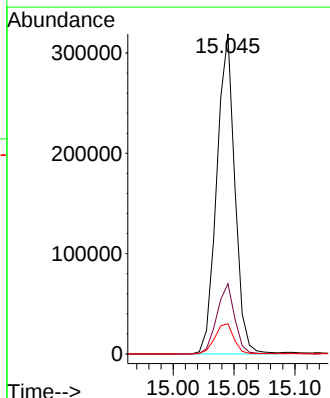
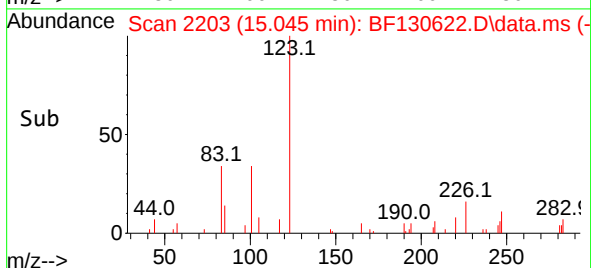
Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022

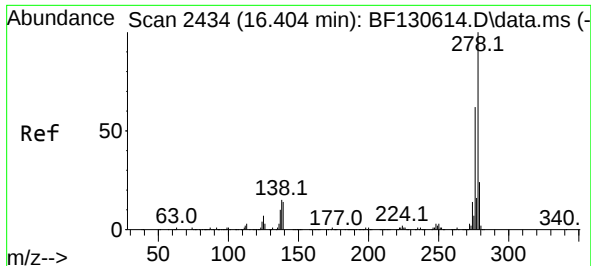


#90  
Benzo(a)pyrene  
Concen: 42.251 ng  
RT: 15.045 min Scan# 2203  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:252 Resp: 328939  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 9.4 8.4 12.6





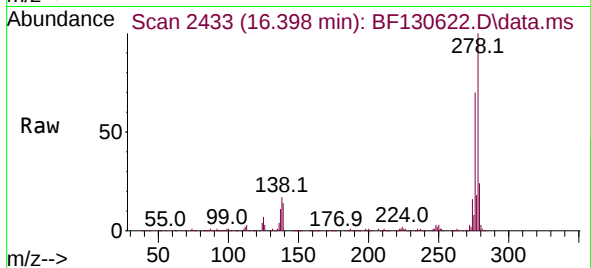
#91  
Dibenzo(a,h)anthracene  
Concen: 47.134 ng  
RT: 16.398 min Scan# 2433  
Delta R.T. -0.006 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

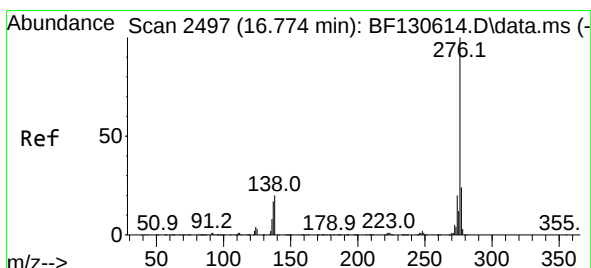
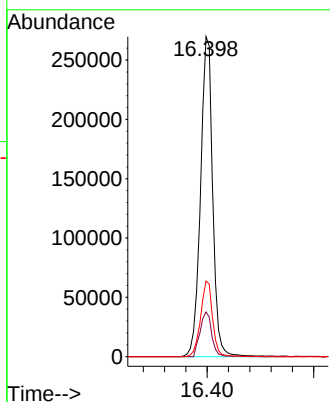
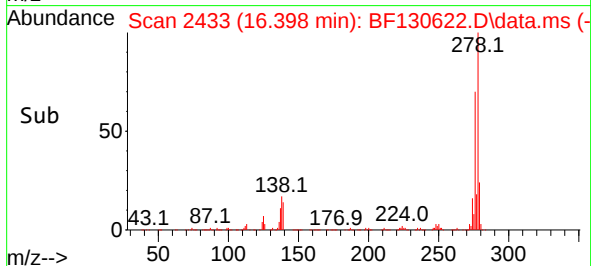


Tgt Ion:278 Resp: 427183  
Ion Ratio Lower Upper  
278 100  
139 13.9 11.1 16.7  
279 23.6 19.0 28.4

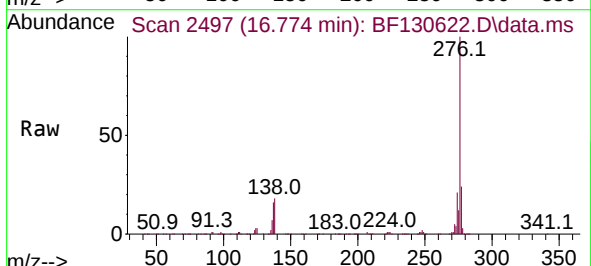
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/13/2022  
Supervised By :Jagrut Upadhyay 10/13/2022



#92  
Benzo(g,h,i)perylene  
Concen: 50.768 ng  
RT: 16.774 min Scan# 2497  
Delta R.T. 0.000 min  
Lab File: BF130622.D  
Acq: 12 Oct 2022 10:22



Tgt Ion:276 Resp: 428549  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.9 28.3  
138 18.3 15.9 23.9

