

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
 Data File : BF131363.D  
 Acq On : 23 Nov 2022 16:00  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 24 06:02:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 24 05:53:32 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian  
 Giraldo  
 11/25/2022  
 Supervised By :Jagrut  
 Upadhyay  
 11/25/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 110676   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 387780   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.010 | 164  | 222316   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 410492   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.163 | 240  | 269943   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.692 | 264  | 215782   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 467115   | 80.326 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.569  | 99   | 591279   | 79.692 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 599025   | 77.869 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.804 | 330  | 169459   | 90.602 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.328  | 172  | 1085330  | 71.023 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.098 | 244  | 1196480  | 72.481 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.763  | 88   | 107074   | 38.622 | ng    | 99       |
| 3) Pyridine                   | 3.534  | 79   | 301850   | 39.211 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.505  | 42   | 173931   | 38.313 | ng    | 95       |
| 6) Aniline                    | 6.616  | 93   | 370245m  | 38.076 | ng    |          |
| 8) 2-Chlorophenol             | 6.740  | 128  | 263465   | 39.991 | ng    | 95       |
| 9) Benzaldehyde               | 6.504  | 77   | 183682   | 40.372 | ng    | 99       |
| 10) Phenol                    | 6.587  | 94   | 330499   | 40.176 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.687  | 93   | 254173   | 36.878 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.893  | 146  | 292695   | 37.277 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.975  | 146  | 296568   | 37.171 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.128  | 146  | 276718   | 37.668 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.093  | 79   | 258559   | 42.501 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228  | 45   | 459592   | 34.868 | ng    | 99       |
| 17) 2-Methylphenol            | 7.198  | 107  | 220746   | 39.313 | ng    | 99       |
| 18) Hexachloroethane          | 7.469  | 117  | 111114   | 38.932 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.369  | 70   | 197935   | 36.442 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.351  | 107  | 289472   | 40.375 | ng    | 91       |
| 22) Acetophenone              | 7.369  | 105  | 372283   | 37.716 | ng    | # 96     |
| 24) Nitrobenzene              | 7.540  | 77   | 312248   | 38.958 | ng    | 99       |
| 25) Isophorone                | 7.781  | 82   | 516851   | 37.659 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 123746   | 46.814 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.887  | 122  | 212721   | 39.981 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.987  | 93   | 280828   | 36.026 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.092  | 162  | 230706   | 39.975 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.181  | 180  | 262667   | 36.740 | ng    | 99       |
| 31) Naphthalene               | 8.269  | 128  | 763516   | 36.948 | ng    | 99       |
| 32) Benzoic acid              | 7.998  | 122  | 155979   | 47.270 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.310  | 127  | 314244   | 38.546 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.381  | 225  | 169995   | 36.720 | ng    | 99       |
| 35) Caprolactam               | 8.692  | 113  | 69962    | 46.132 | ng    | # 88     |
| 36) 4-Chloro-3-methylphenol   | 8.787  | 107  | 250586   | 41.793 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 515722   | 36.833 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 501957   | 36.970 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 260051   | 36.046 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.110  | 237  | 137516   | 42.401 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.234  | 196  | 176627   | 43.157 | ng    | 98       |

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

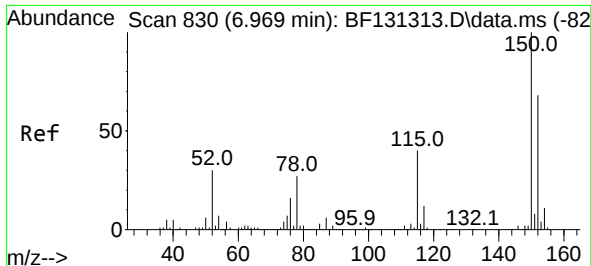
Reviewed By :Christian  
 Giraldo  
 11/25/2022  
 Supervised By :Jagrut  
 Upadhyay  
 11/25/2022

Quant Time: Nov 24 06:02:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 24 05:53:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.269  | 196  | 192312   | 41.788 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.428  | 154  | 614802   | 36.239 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 505974   | 37.178 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.545  | 65   | 187069   | 45.271 | ng    | 97       |
| 49) Acenaphthylene            | 9.875  | 152  | 774124   | 37.314 | ng    | 99       |
| 50) Dimethylphthalate         | 9.728  | 163  | 592841   | 38.274 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.792  | 165  | 129257   | 41.727 | ng    | # 82     |
| 52) Acenaphthene              | 10.045 | 154  | 502408   | 38.674 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.963  | 138  | 138863   | 43.626 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.063 | 184  | 61266    | 52.026 | ng    | # 86     |
| 55) Dibenzofuran              | 10.216 | 168  | 688248   | 36.825 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.104 | 139  | 110433   | 49.990 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.192 | 165  | 171348   | 43.963 | ng    | 98       |
| 58) Fluorene                  | 10.563 | 166  | 542710   | 37.207 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.328 | 232  | 170004   | 44.357 | ng    | 99       |
| 60) Diethylphthalate          | 10.428 | 149  | 560127   | 38.297 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.551 | 204  | 272158   | 36.397 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.581 | 138  | 142214   | 44.893 | ng    | 98       |
| 63) Azobenzene                | 10.716 | 77   | 570247   | 36.261 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 87186    | 49.107 | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 10.675 | 169  | 472212   | 36.101 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248  | 175754   | 34.933 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.110 | 284  | 192164   | 35.987 | ng    | # 90     |
| 69) Atrazine                  | 11.198 | 200  | 155331   | 38.570 | ng    | 99       |
| 70) Pentachlorophenol         | 11.298 | 266  | 123401   | 42.225 | ng    | 98       |
| 71) Phenanthrene              | 11.533 | 178  | 819217   | 36.928 | ng    | 99       |
| 72) Anthracene                | 11.580 | 178  | 810383   | 37.170 | ng    | 100      |
| 73) Carbazole                 | 11.733 | 167  | 722392   | 38.844 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 818563   | 37.353 | ng    | 99       |
| 75) Fluoranthene              | 12.727 | 202  | 907747   | 38.832 | ng    | 98       |
| 77) Benzidine                 | 12.845 | 184  | 211442   | 42.406 | ng    | 96       |
| 78) Pyrene                    | 12.957 | 202  | 907093   | 38.086 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.574 | 149  | 306555   | 39.099 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.151 | 228  | 696875   | 37.662 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.110 | 252  | 209651   | 42.699 | ng    | 99       |
| 83) Chrysene                  | 14.186 | 228  | 666527   | 36.716 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.133 | 149  | 336167   | 32.894 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.763 | 149  | 484248   | 35.144 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.262 | 276  | 580213   | 40.034 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.239 | 252  | 534106   | 37.259 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.268 | 252  | 549473   | 37.300 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.627 | 252  | 451874   | 38.418 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.286 | 278  | 475001   | 39.698 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.745 | 276  | 475864   | 39.847 | ng    | 98       |

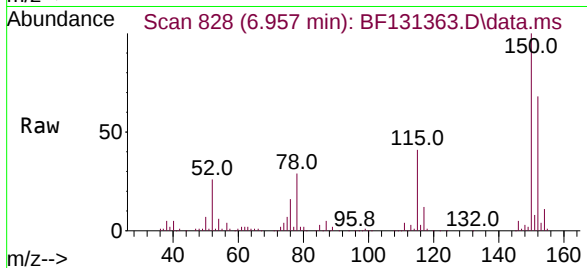
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

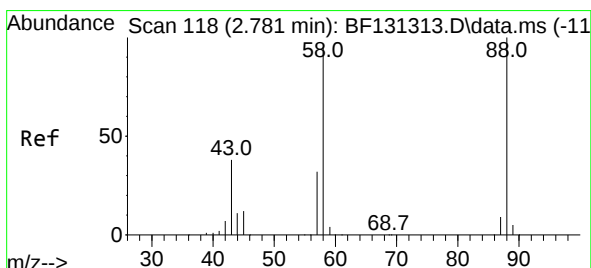
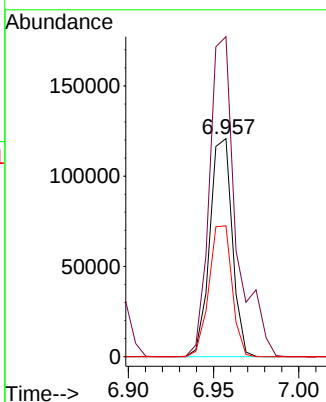
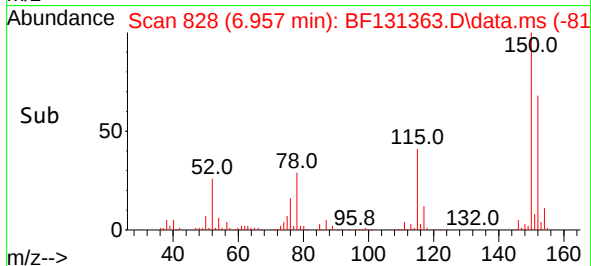


Tgt Ion:152 Resp: 110676  
Ion Ratio Lower Upper  
152 100  
150 146.8 117.8 176.8  
115 60.0 47.1 70.7

Manual Integrations  
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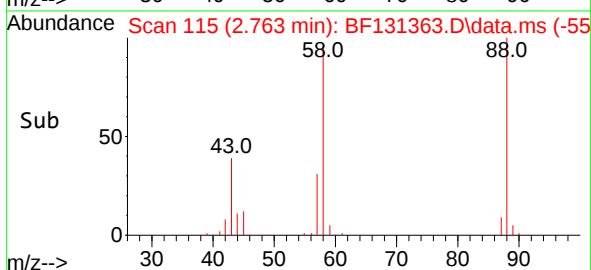
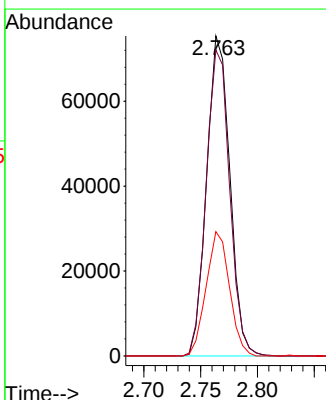
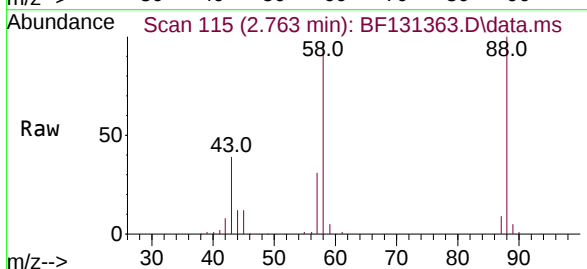
Reviewed By :Christian  
Giraldo  
11/25/2022

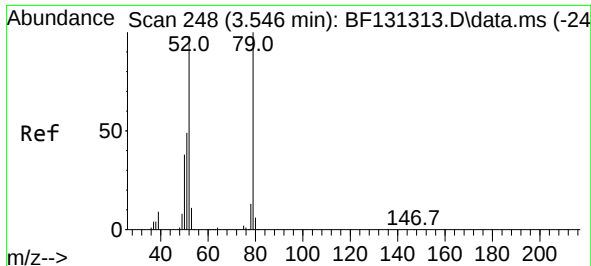
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#2  
1,4-Dioxane  
Concen: 38.622 ng  
RT: 2.763 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

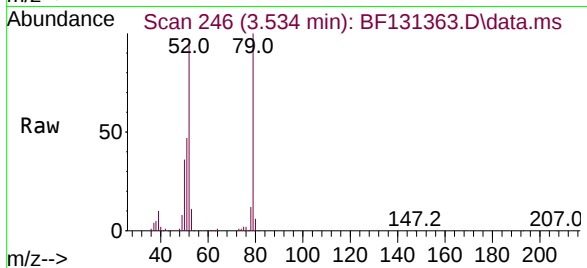
Tgt Ion: 88 Resp: 107074  
Ion Ratio Lower Upper  
88 100  
58 97.1 78.2 117.4  
43 39.1 31.6 47.4





#3  
Pyridine  
Concen: 39.211 ng  
RT: 3.534 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

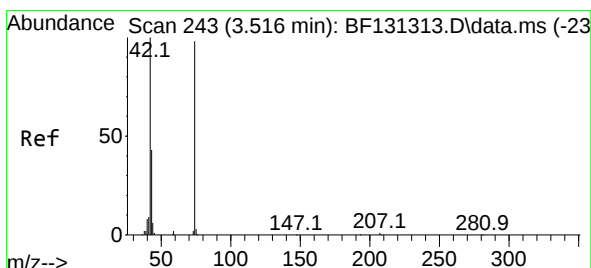
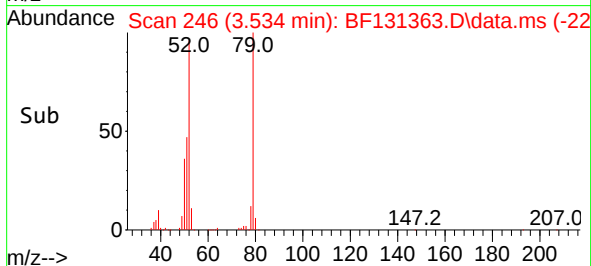
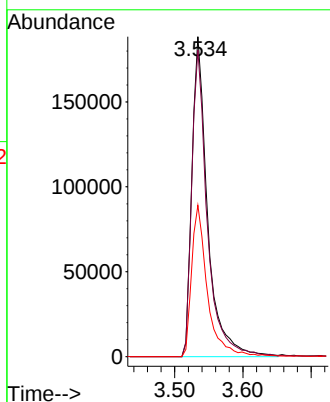
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 301850  
Ion Ratio Lower Upper  
79 100  
52 95.8 78.7 118.1  
51 47.3 39.3 58.9

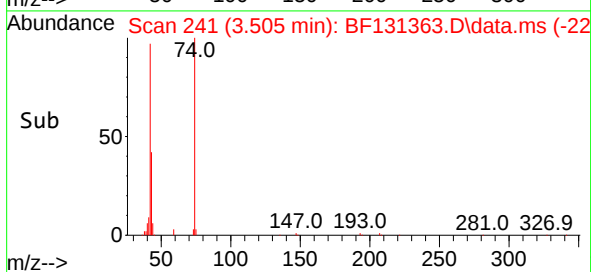
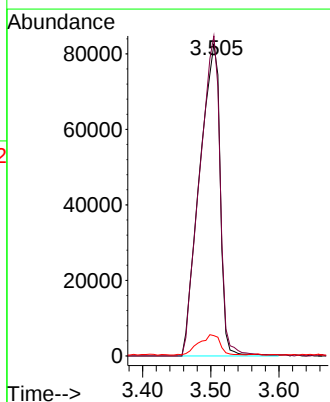
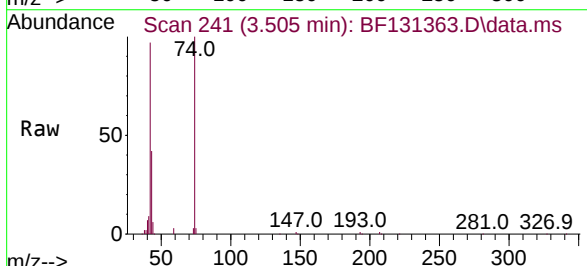
Manual Integrations  
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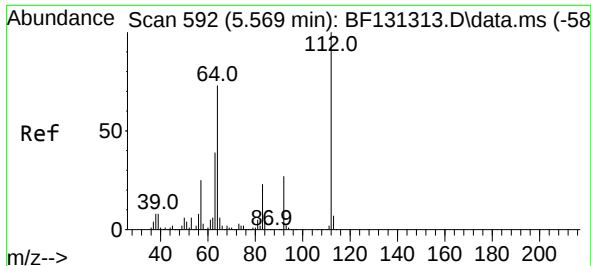
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#4  
n-Nitrosodimethylamine  
Concen: 38.313 ng  
RT: 3.505 min Scan# 241  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

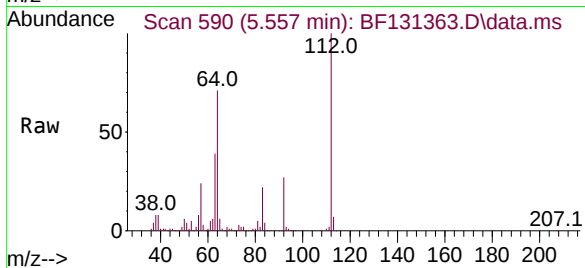
Tgt Ion: 42 Resp: 173931  
Ion Ratio Lower Upper  
42 100  
74 102.7 78.0 117.0  
44 6.5 5.2 7.8





#5  
2-Fluorophenol  
Concen: 80.326 ng  
RT: 5.557 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

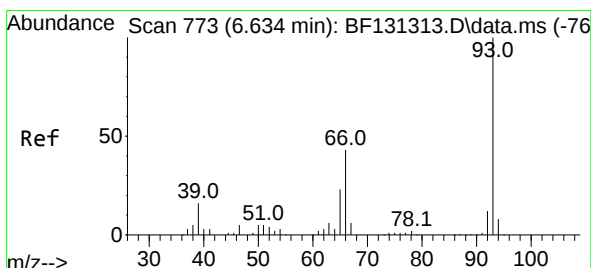
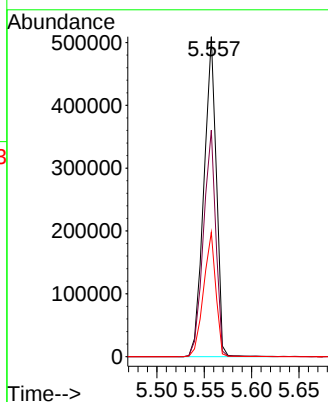
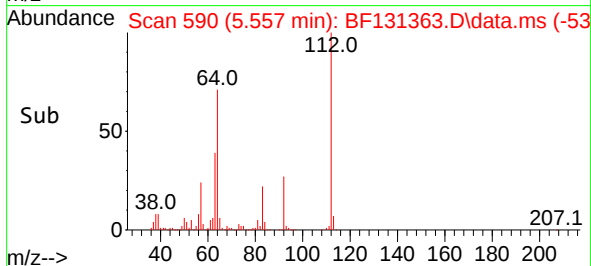
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:112 Resp: 467115  
Ion Ratio Lower Upper  
112 100  
64 70.8 58.6 88.0  
63 38.8 31.4 47.0

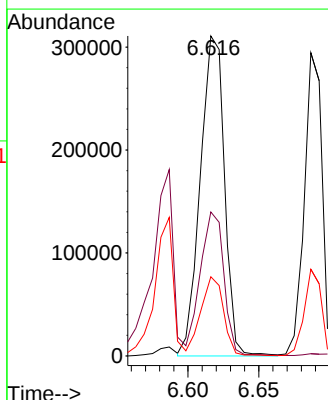
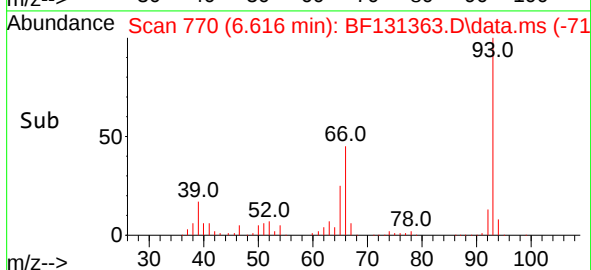
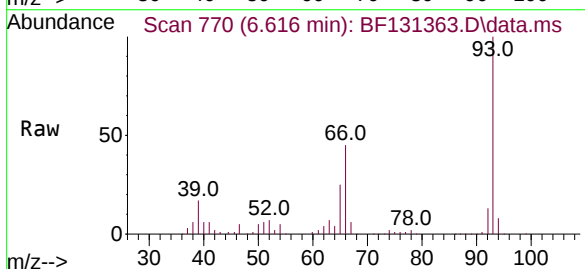
Manual Integrations  
APPROVED

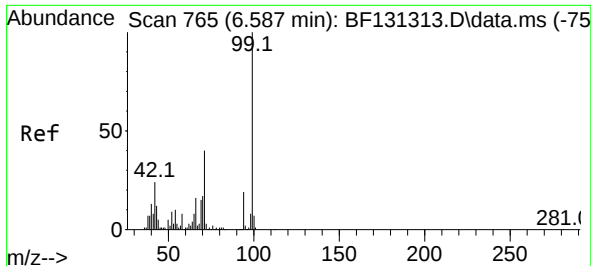
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#6  
Aniline  
Concen: 38.076 ng m  
RT: 6.616 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

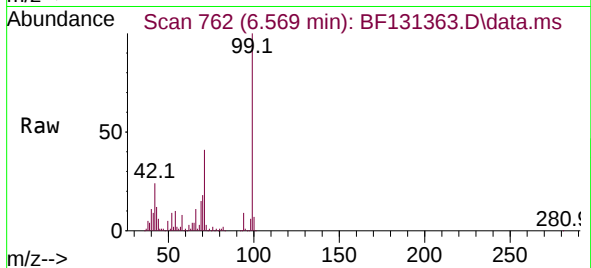
Tgt Ion: 93 Resp: 370245  
Ion Ratio Lower Upper  
93 100  
66 45.0 35.6 53.4  
65 24.7 18.4 27.6





#7  
Phenol-d6  
Concen: 79.692 ng  
RT: 6.569 min Scan# 701  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

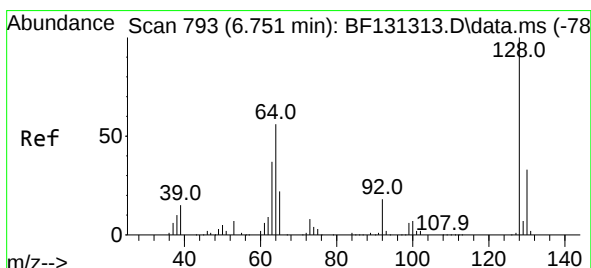
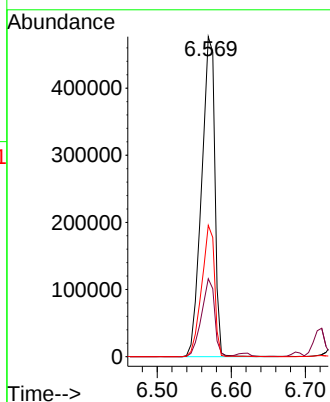
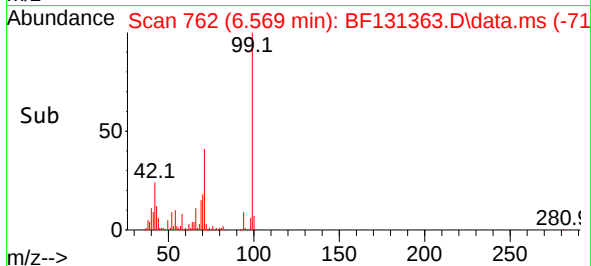
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 591279  
Ion Ratio Lower Upper  
99 100  
42 24.3 19.4 29.2  
71 41.0 32.3 48.5

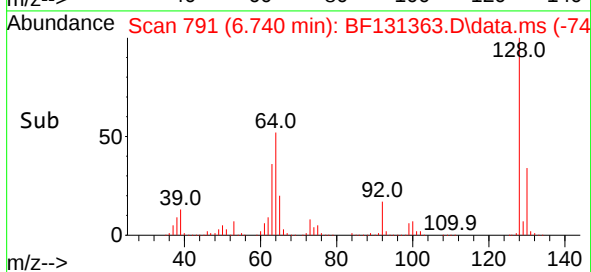
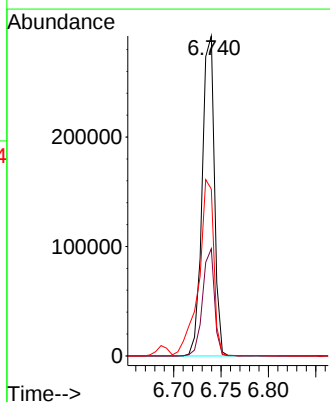
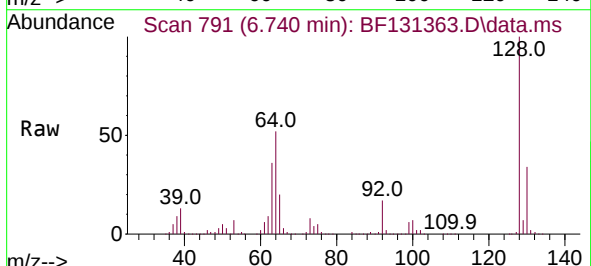
Manual Integrations  
APPROVED

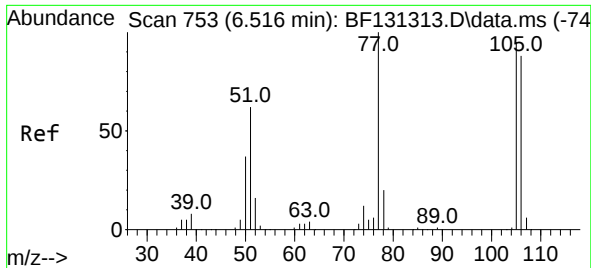
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#8  
2-Chlorophenol  
Concen: 39.991 ng  
RT: 6.740 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

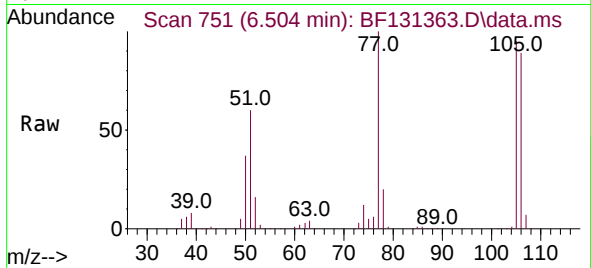
Tgt Ion:128 Resp: 263465  
Ion Ratio Lower Upper  
128 100  
130 33.5 12.5 52.5  
64 52.1 36.9 76.9





#9  
Benzaldehyde  
Concen: 40.372 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

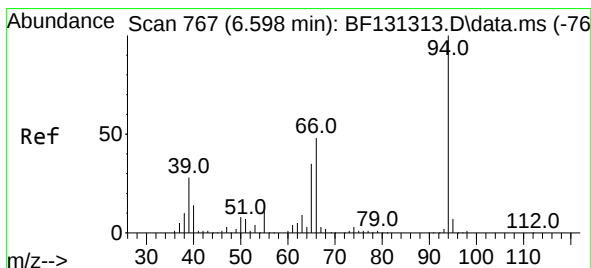
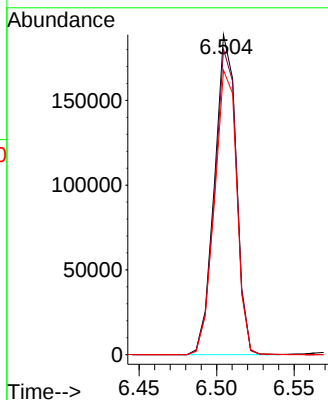
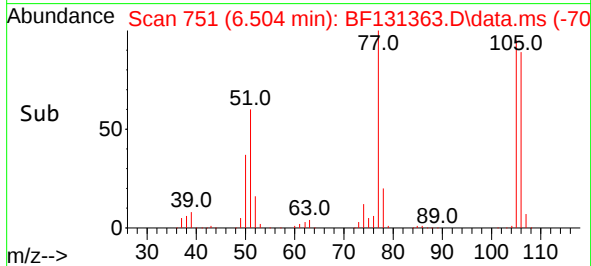
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 183682  
Ion Ratio Lower Upper  
77 100  
105 95.5 74.5 114.5  
106 88.9 68.1 108.1

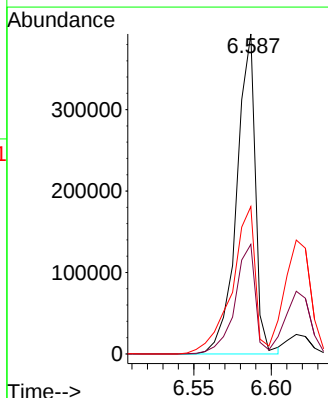
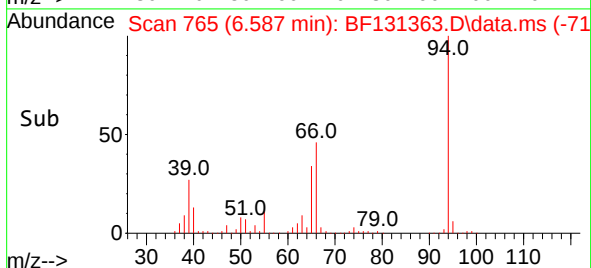
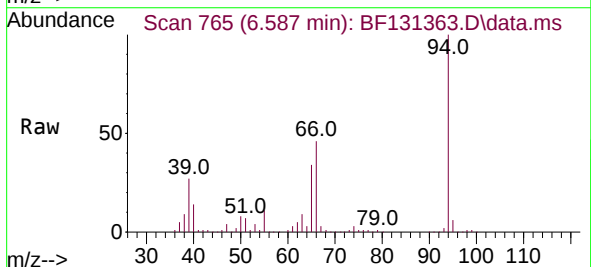
Manual Integrations  
APPROVED

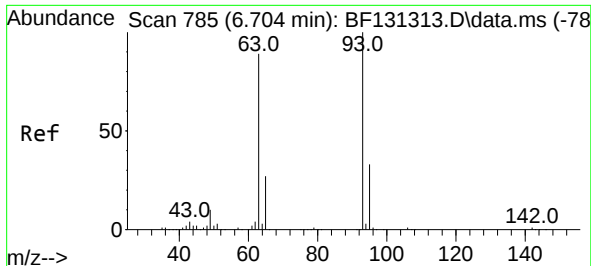
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#10  
Phenol  
Concen: 40.176 ng  
RT: 6.587 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion: 94 Resp: 330499  
Ion Ratio Lower Upper  
94 100  
65 34.2 15.0 55.0  
66 46.1 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 36.878 ng

RT: 6.687 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

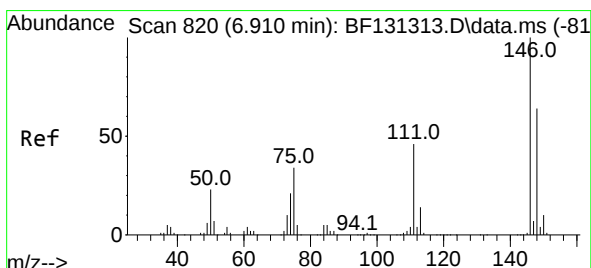
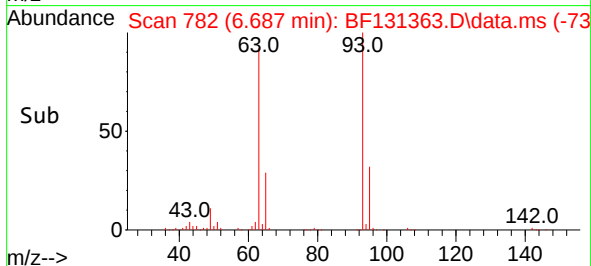
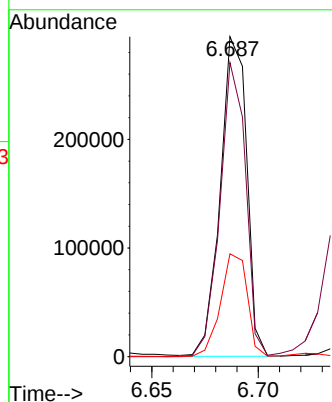
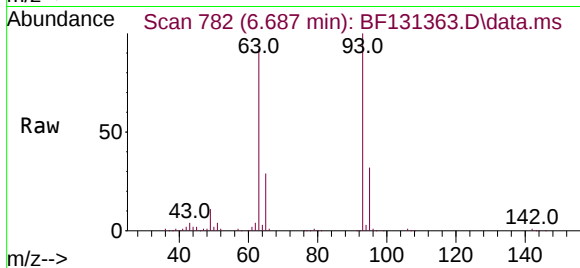
Tgt Ion: 93 Resp: 25417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 91.9  | 68.6  | 108.6 |
| 95  | 32.1  | 13.1  | 53.1  |

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
11/25/2022

Supervised By :Jagrut  
Upadhyay  
11/25/2022



#12

1,3-Dichlorobenzene

Concen: 37.277 ng

RT: 6.893 min Scan# 817

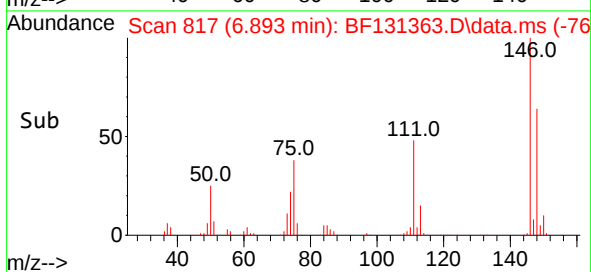
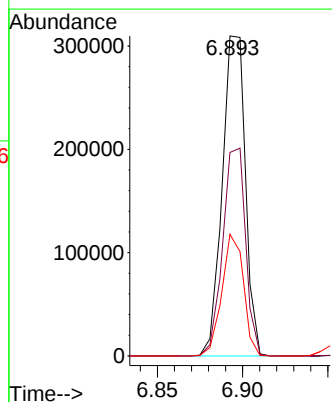
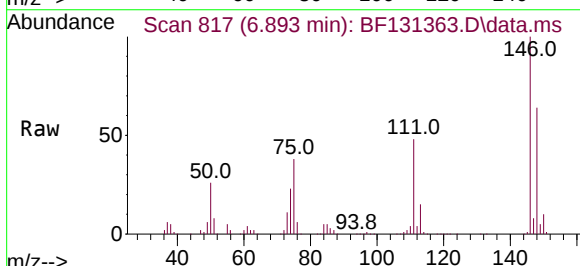
Delta R.T. 0.000 min

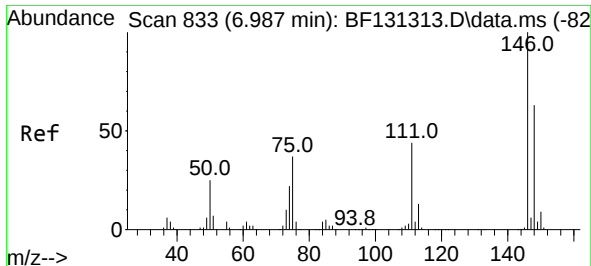
Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Tgt Ion:146 Resp: 292695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.6  | 51.4  | 77.2  |
| 75  | 38.0  | 27.6  | 41.4  |





#13  
1,4-Dichlorobenzene  
Concen: 37.171 ng  
RT: 6.975 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

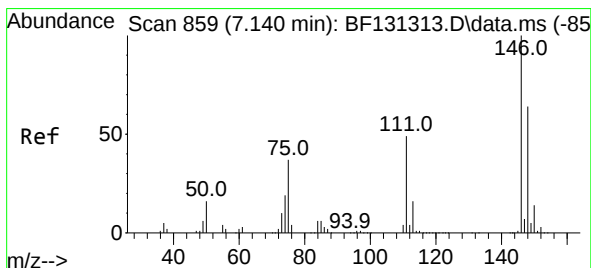
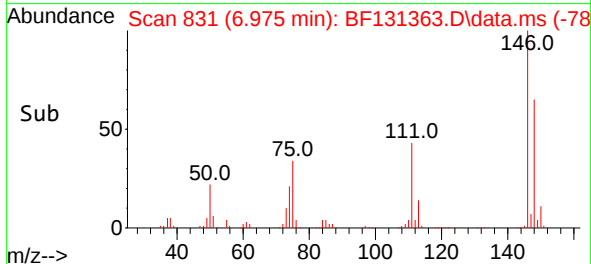
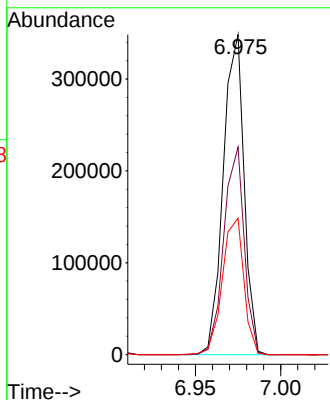
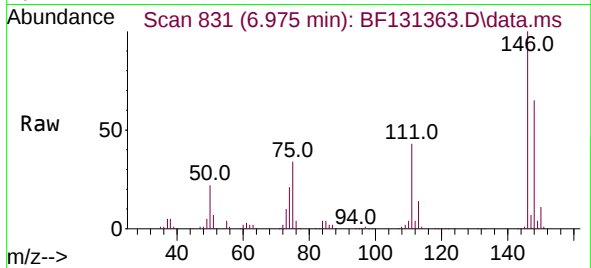
SSTDCCC040

Tgt Ion:146 Resp: 296568  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.2 75.2  
111 42.6 35.0 52.6

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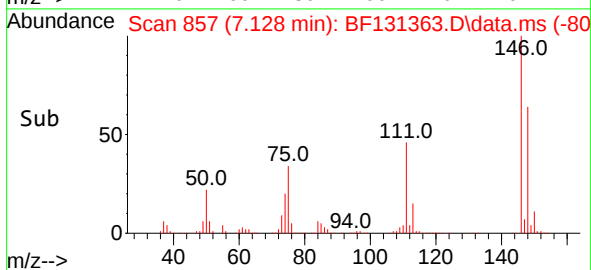
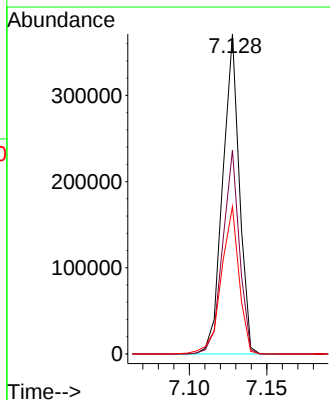
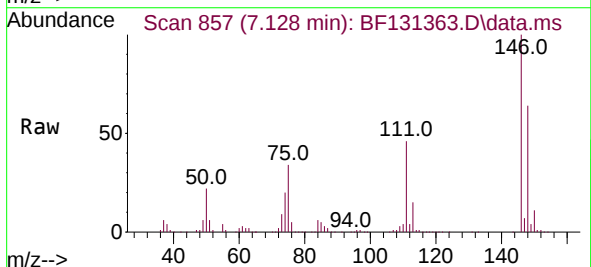
Reviewed By :Christian  
Giraldo  
11/25/2022

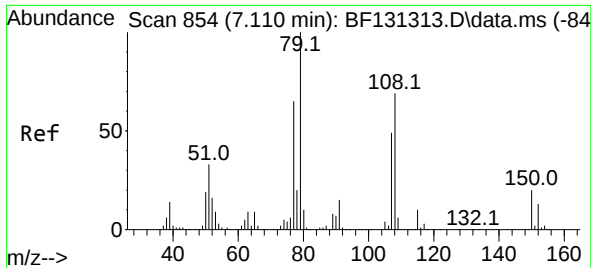
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#14  
1,2-Dichlorobenzene  
Concen: 37.668 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:146 Resp: 276718  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.4 77.0  
111 46.0 39.4 59.0





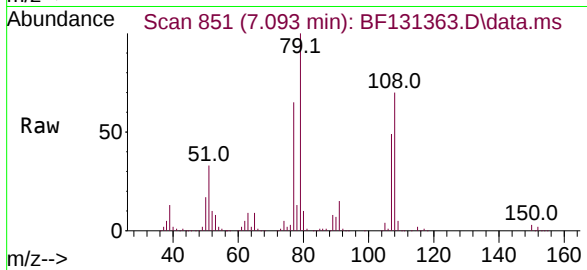
#15  
Benzyl Alcohol  
Concen: 42.501 ng  
RT: 7.093 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

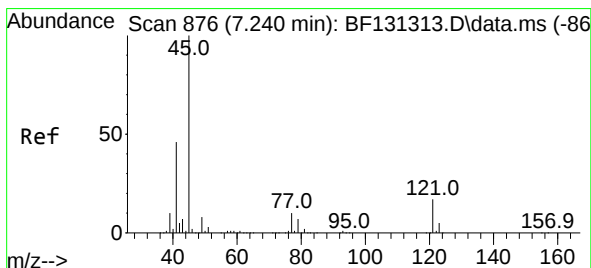
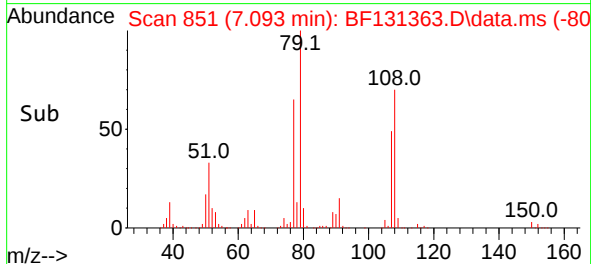
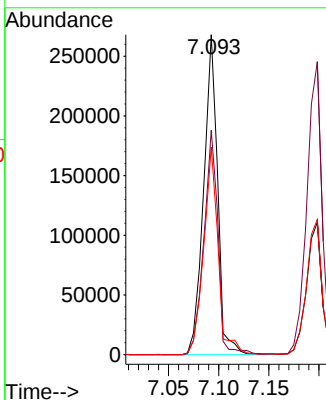


Tgt Ion: 79 Resp: 258559  
Ion Ratio Lower Upper  
79 100  
108 70.1 55.1 82.7  
77 64.8 51.8 77.8

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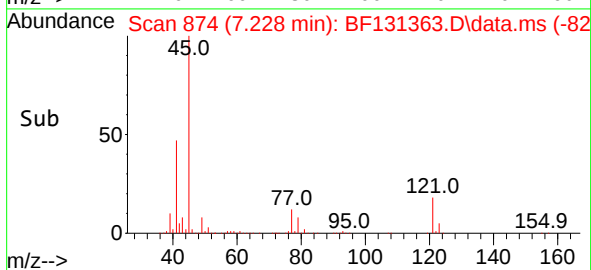
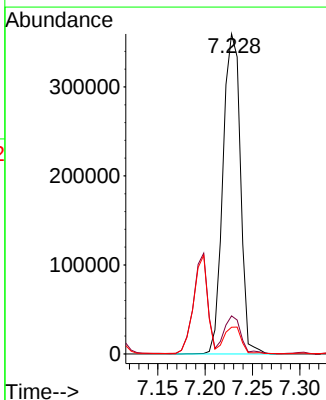
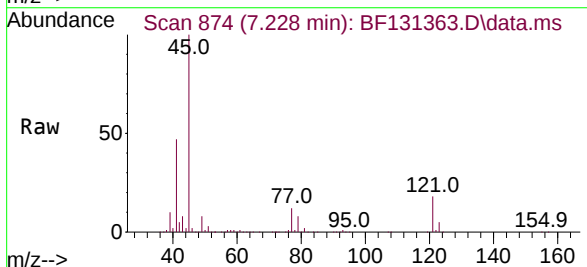
Reviewed By :Christian  
Giraldo  
11/25/2022

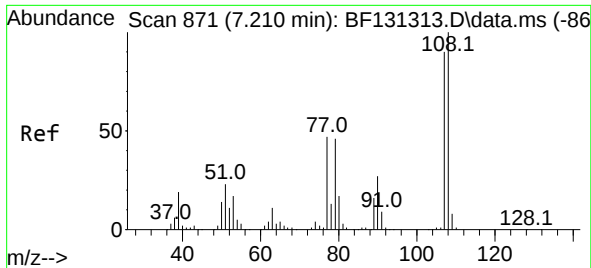
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.868 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion: 45 Resp: 459592  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 31.2  
79 8.3 0.0 28.4





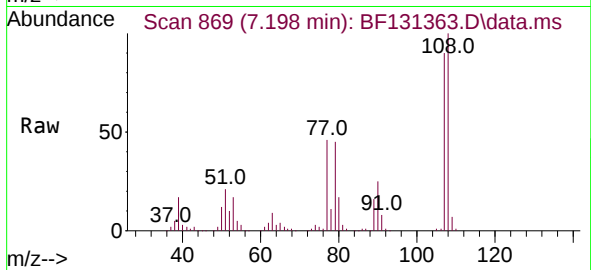
#17  
2-Methylphenol  
Concen: 39.313 ng  
RT: 7.198 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

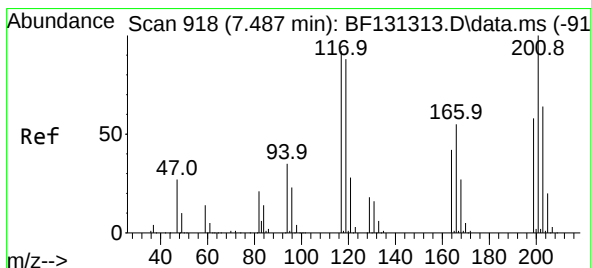
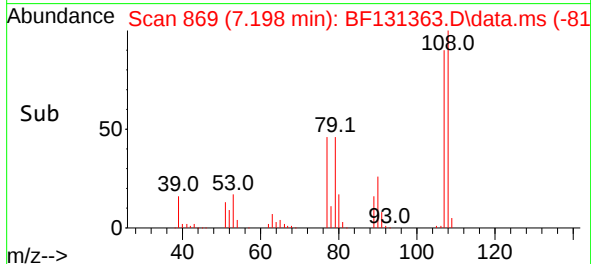
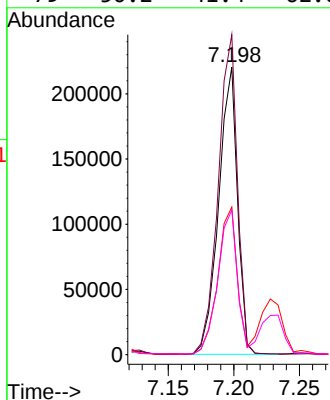


Tgt Ion:107 Resp: 220746  
Ion Ratio Lower Upper  
107 100  
108 111.3 89.0 133.6  
77 51.3 42.5 63.7  
79 50.2 41.4 62.0

Manual Integrations  
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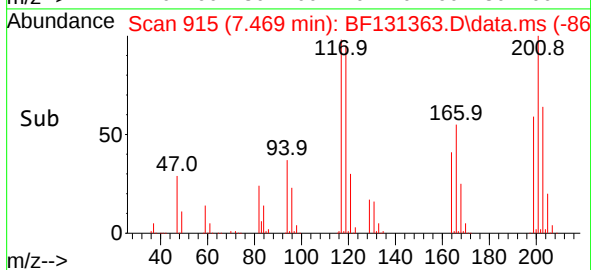
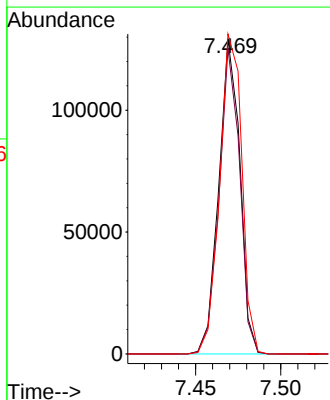
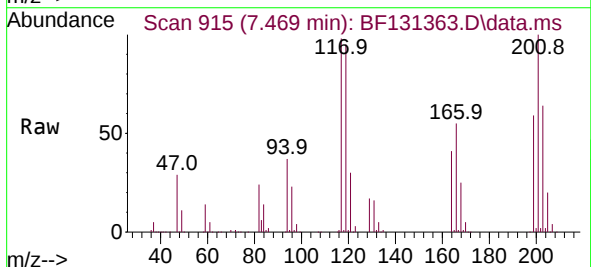
Reviewed By :Christian  
Giraldo  
11/25/2022

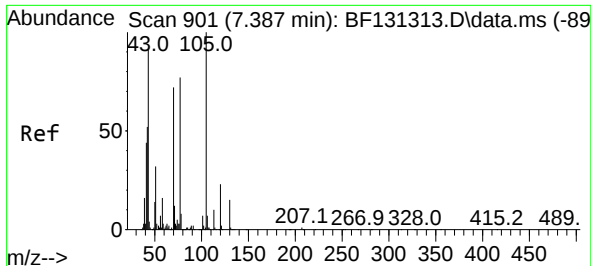
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#18  
Hexachloroethane  
Concen: 38.932 ng  
RT: 7.469 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

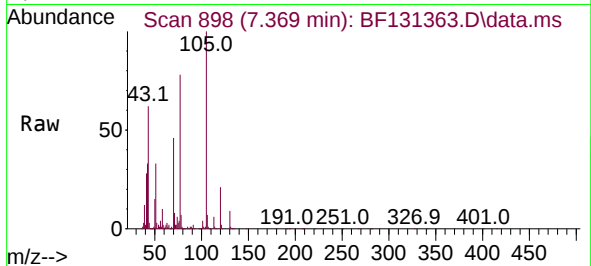
Tgt Ion:117 Resp: 111114  
Ion Ratio Lower Upper  
117 100  
119 97.0 76.6 115.0  
201 101.6 87.0 130.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.442 ng  
RT: 7.369 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

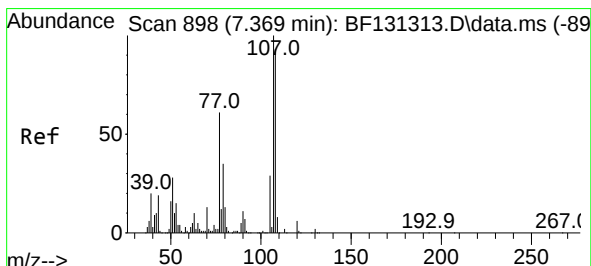
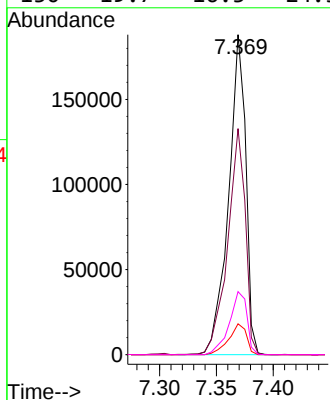
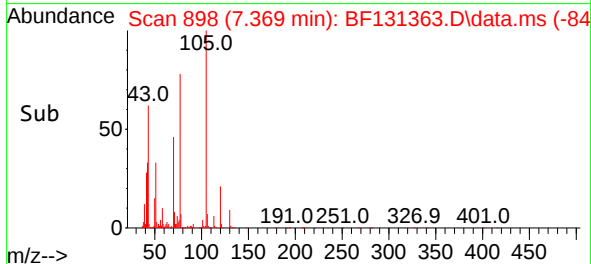
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



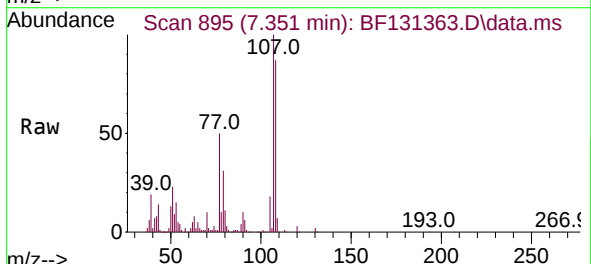
Tgt Ion: 70 Resp: 197935  
Ion Ratio Lower Upper  
70 100  
42 70.6 57.6 86.4  
101 9.6 8.2 12.2  
130 19.7 16.3 24.5

Manual Integrations  
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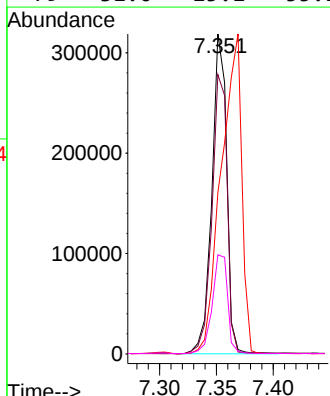
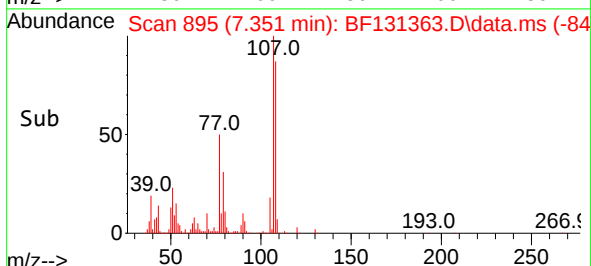
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

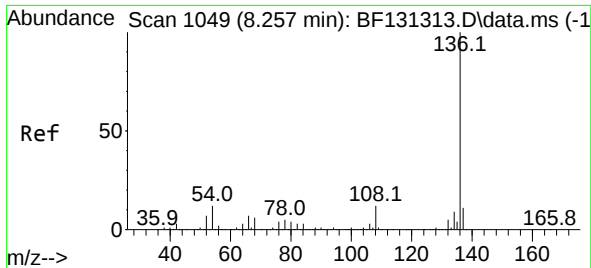


#20  
3+4-Methylphenols  
Concen: 40.375 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



Tgt Ion: 107 Resp: 289472  
Ion Ratio Lower Upper  
107 100  
108 87.3 72.6 112.6  
77 50.4 41.4 81.4  
79 31.0 15.1 55.1





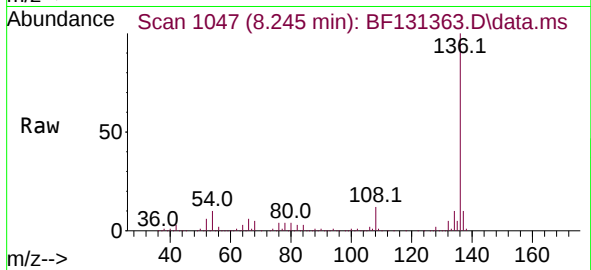
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

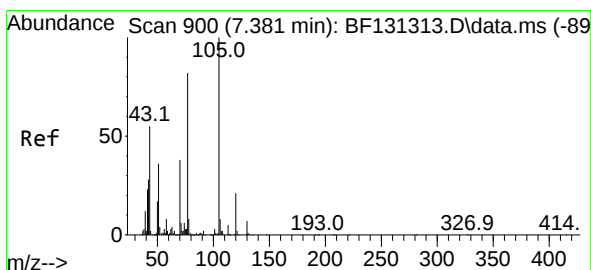
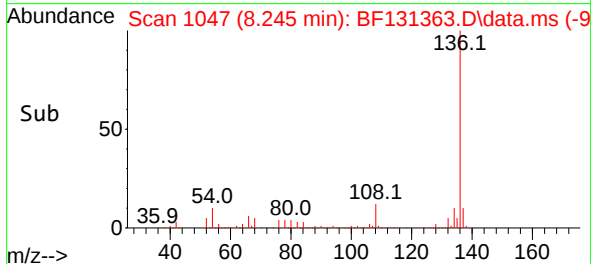
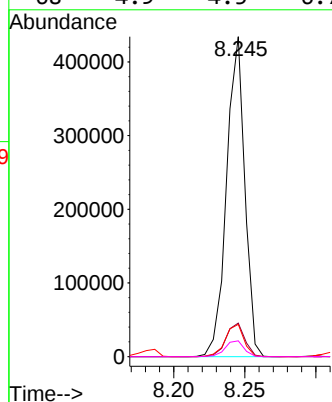


Tgt Ion:136 Resp: 387780  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.0 13.6  
54 10.1 9.4 14.0  
68 4.9 4.5 6.7

Manual Integrations  
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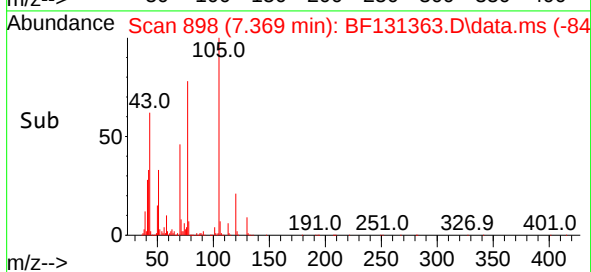
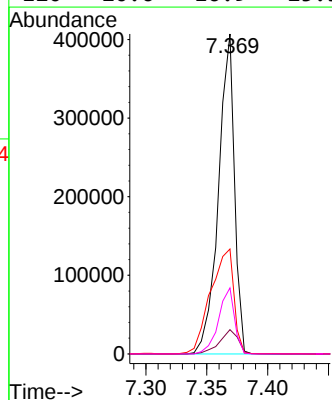
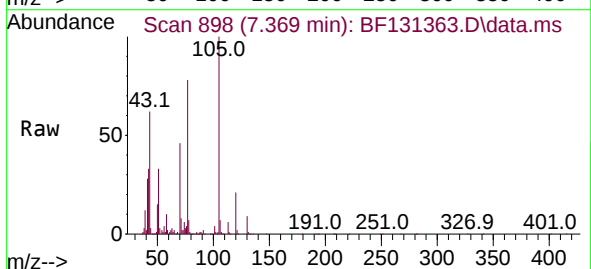
Reviewed By :Christian  
Giraldo  
11/25/2022

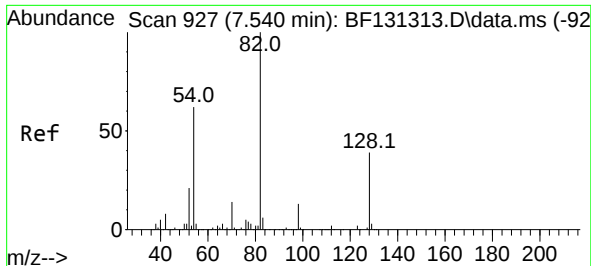
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#22  
Acetophenone  
Concen: 37.716 ng  
RT: 7.369 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:105 Resp: 372283  
Ion Ratio Lower Upper  
105 100  
71 7.6 4.9 7.3#  
51 32.8 29.0 43.4  
120 20.6 16.9 25.3





#23  
Nitrobenzene-d5  
Concen: 77.869 ng  
RT: 7.522 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

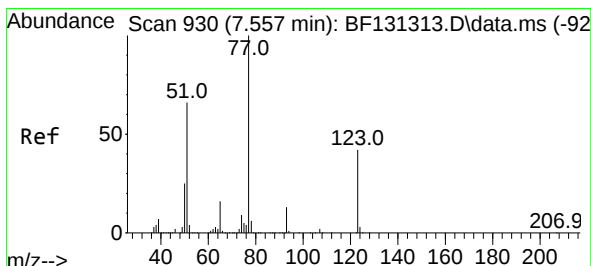
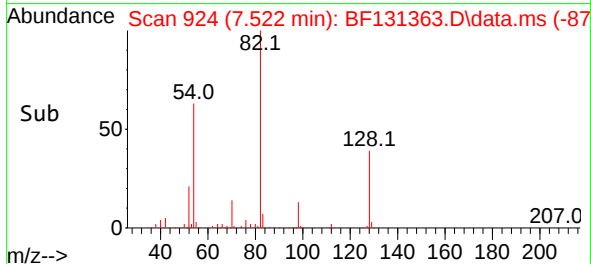
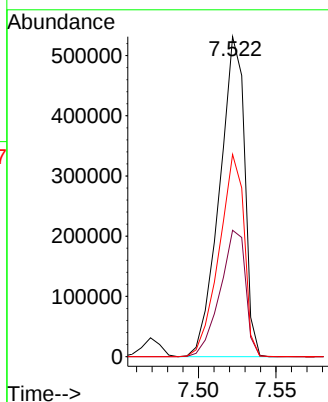
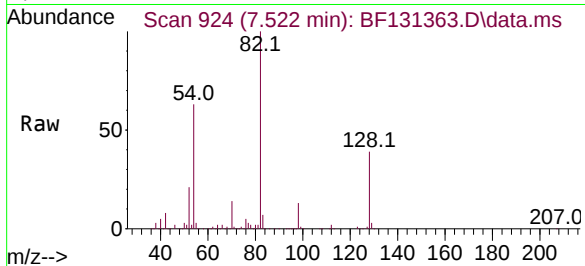
SSTDCCC040

Tgt Ion: 82 Resp: 599025  
Ion Ratio Lower Upper  
82 100  
128 39.5 31.4 47.0  
54 63.2 49.8 74.6

Manual Integrations  
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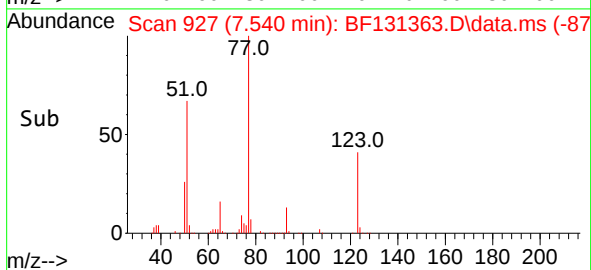
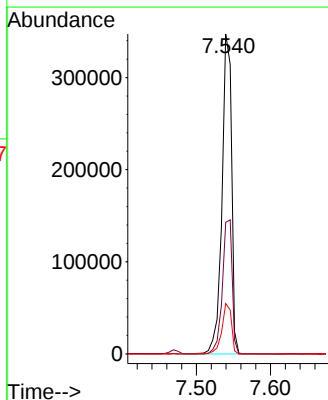
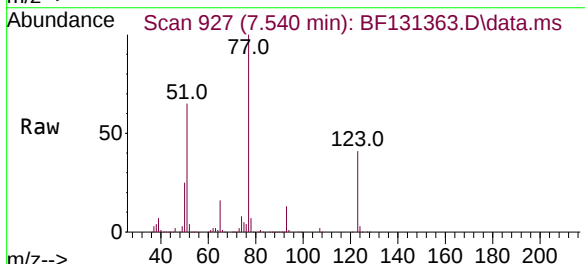
Reviewed By :Christian  
Giraldo  
11/25/2022

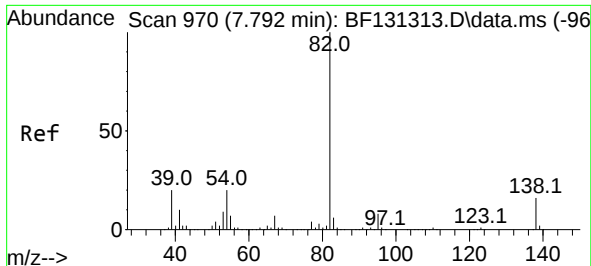
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#24  
Nitrobenzene  
Concen: 38.958 ng  
RT: 7.540 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion: 77 Resp: 312248  
Ion Ratio Lower Upper  
77 100  
123 41.1 33.3 49.9  
65 15.8 12.7 19.1





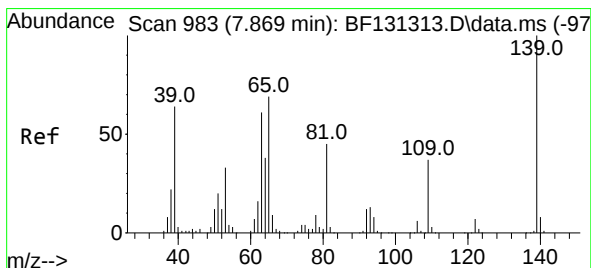
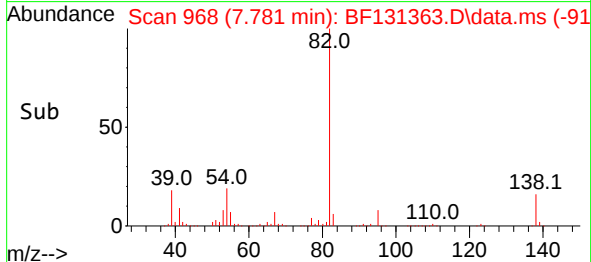
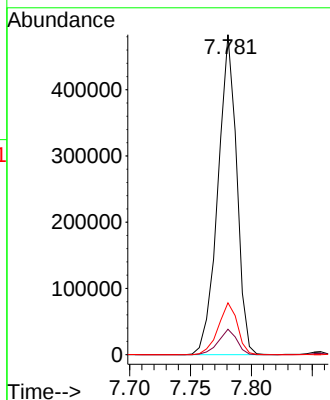
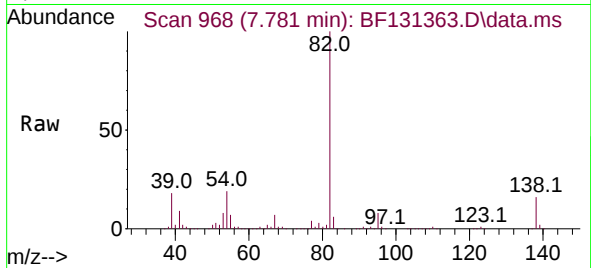
#25  
Isophorone  
Concen: 37.659 ng  
RT: 7.781 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 51685  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.2 9.2  
138 16.2 12.7 19.1

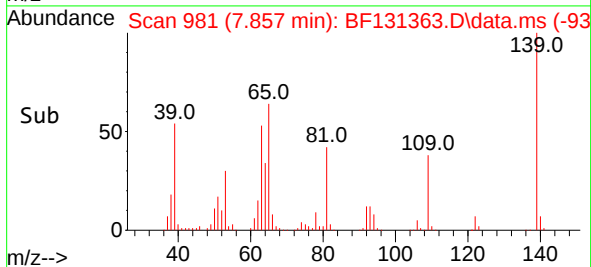
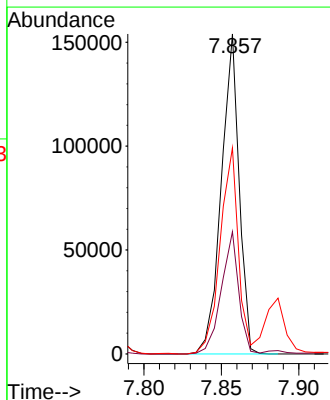
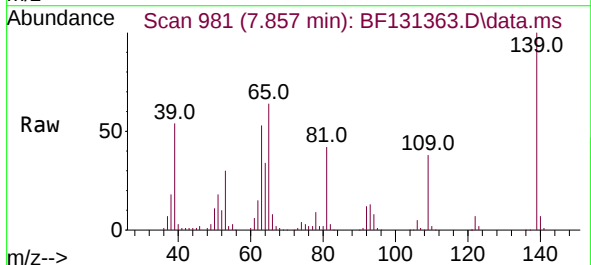
Manual Integrations  
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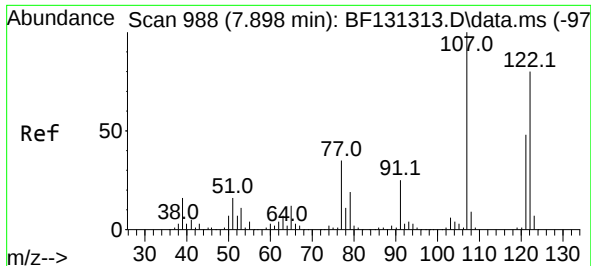
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#26  
2-Nitrophenol  
Concen: 46.814 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:139 Resp: 123746  
Ion Ratio Lower Upper  
139 100  
109 38.2 29.9 44.9  
65 64.4 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 39.981 ng

RT: 7.887 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF131363.D

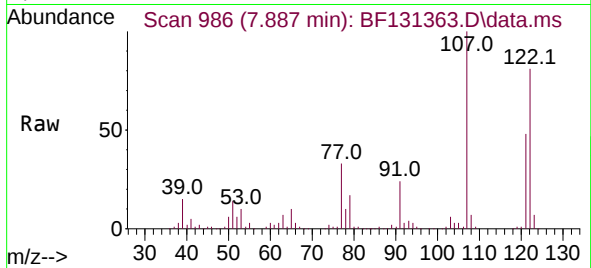
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

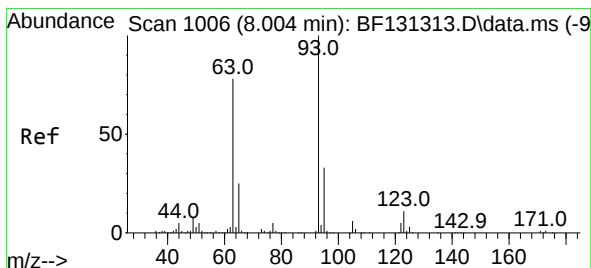
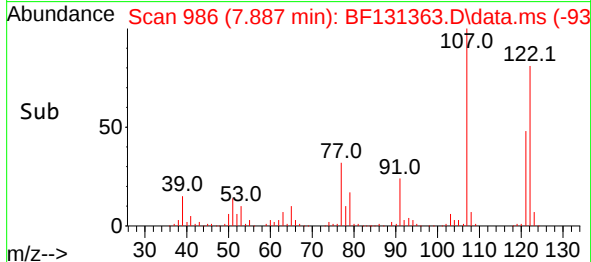
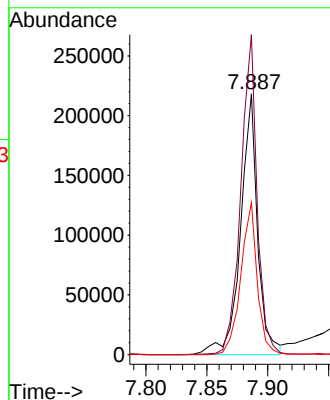


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 21272 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 122.7 | 99.9  | 149.9 |
| 121      | 58.3  | 47.4  | 71.2  |

Manual Integrations  
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Reviewed By :Christian  
Giraldo  
11/25/2022

Supervised By :Jagrut  
Upadhyay  
11/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 36.026 ng

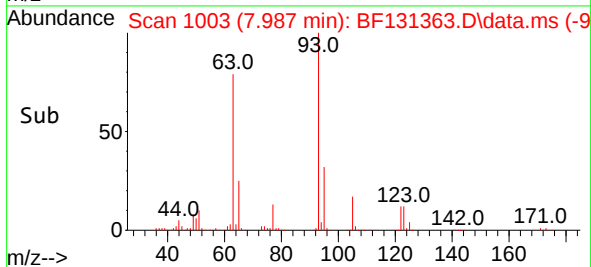
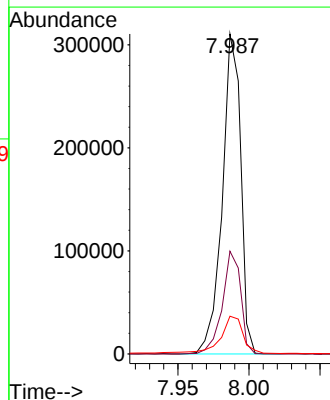
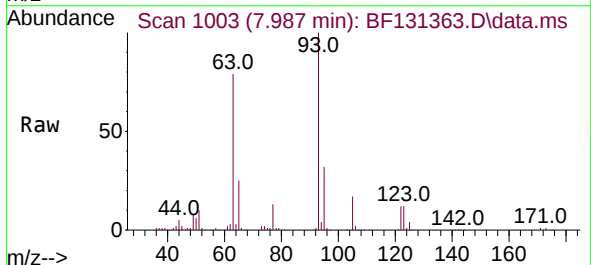
RT: 7.987 min Scan# 1003

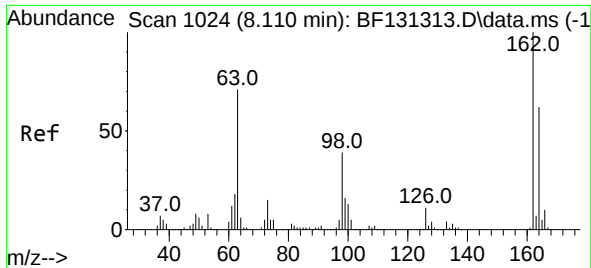
Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 280828 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.1  | 26.4  | 39.6   |
| 123      | 11.8  | 8.8   | 13.2   |





#29

2,4-Dichlorophenol

Concen: 39.975 ng

RT: 8.092 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF131363.D

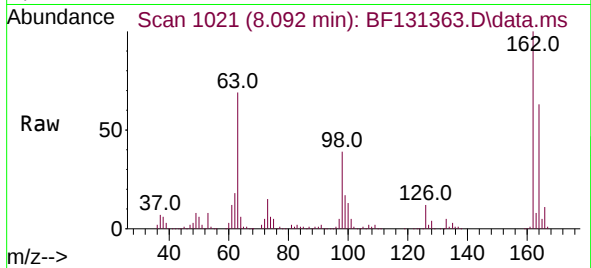
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 230700

Ion Ratio Lower Upper

162 100

164 63.4 42.2 82.2

98 38.8 18.8 58.8

Manual Integrations

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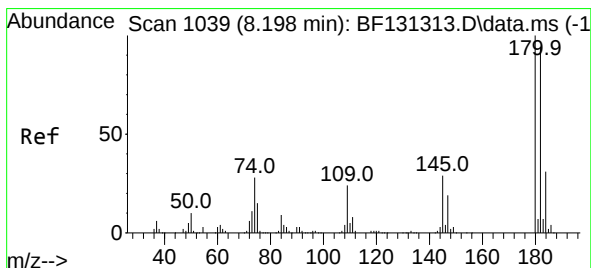
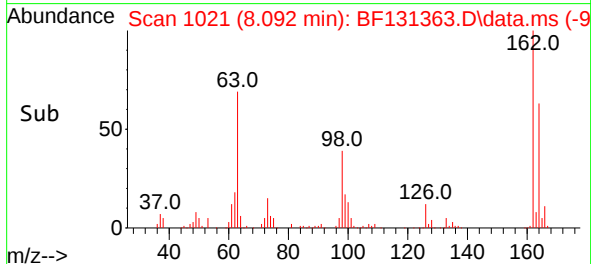
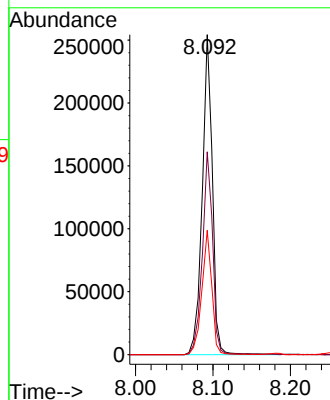
Giraldo

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Upadhyay

11/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.740 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

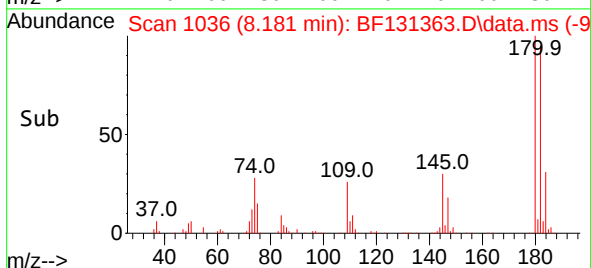
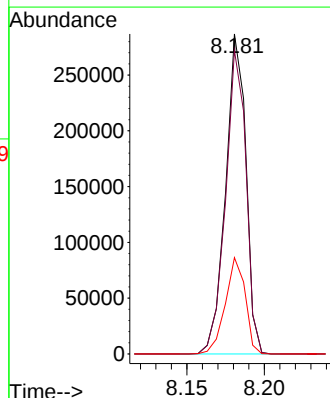
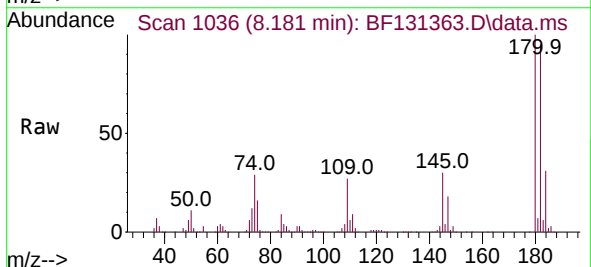
Tgt Ion:180 Resp: 262667

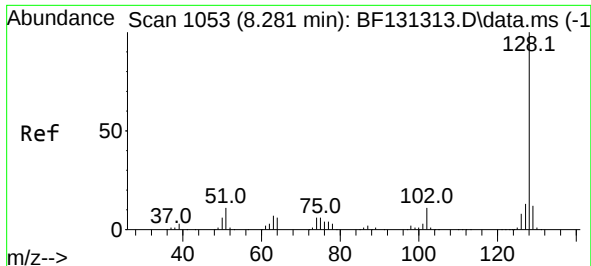
Ion Ratio Lower Upper

180 100

182 94.8 75.3 112.9

145 30.1 23.4 35.0





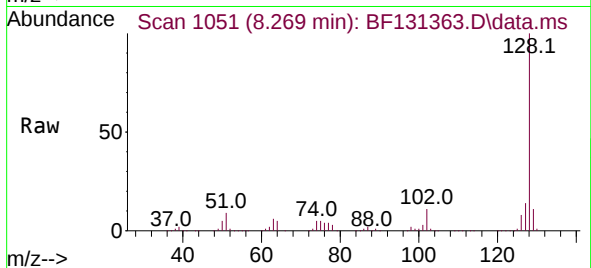
#31  
Naphthalene  
Concen: 36.948 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

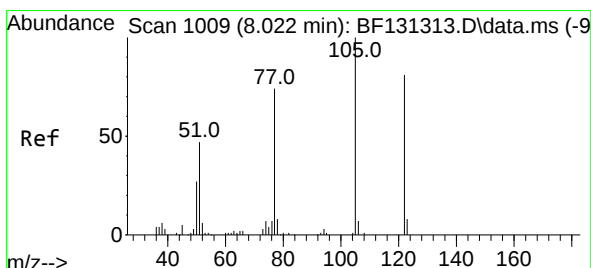
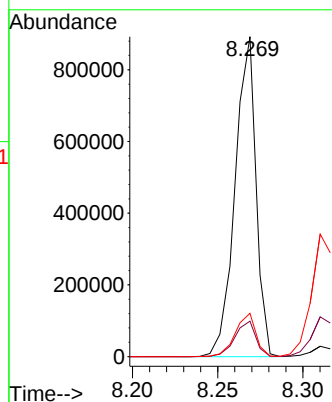


Tgt Ion:128 Resp: 763516  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.2 13.8  
127 13.5 10.6 16.0

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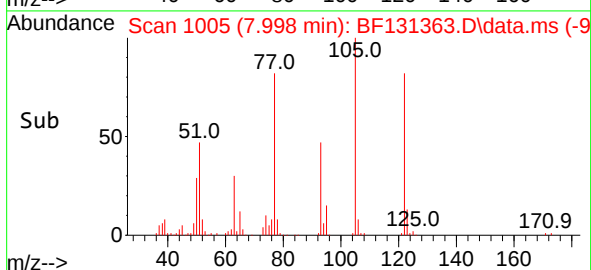
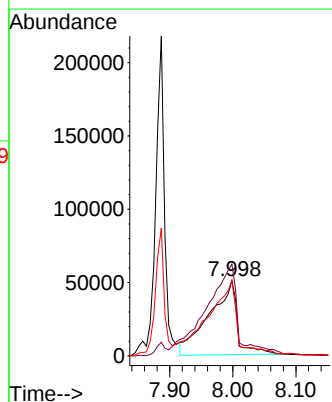
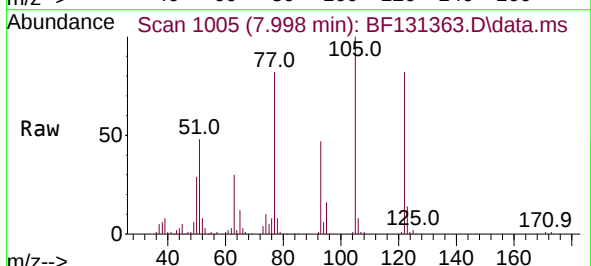
Reviewed By :Christian  
Giraldo  
11/25/2022

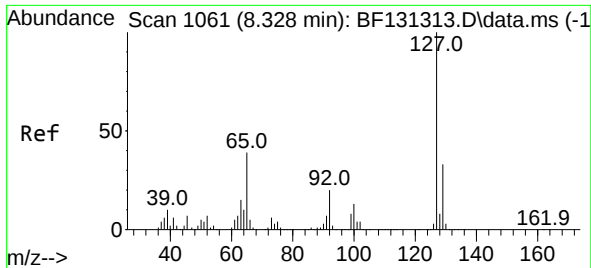
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#32  
Benzoic acid  
Concen: 47.270 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:122 Resp: 155979  
Ion Ratio Lower Upper  
122 100  
105 122.3 103.8 143.8  
77 100.4 74.3 114.3





#33  
4-Chloroaniline  
Concen: 38.546 ng  
RT: 8.310 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

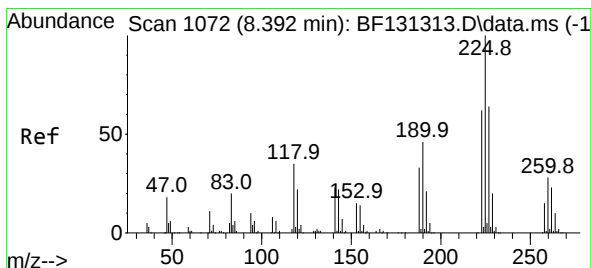
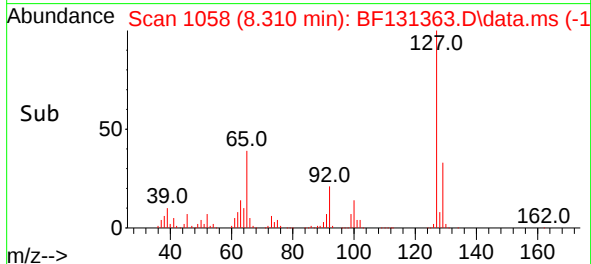
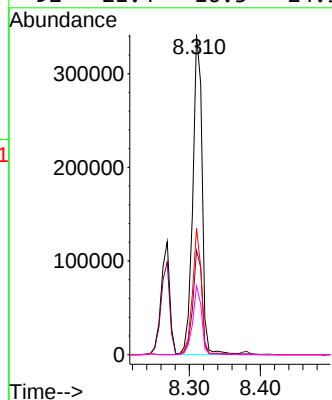
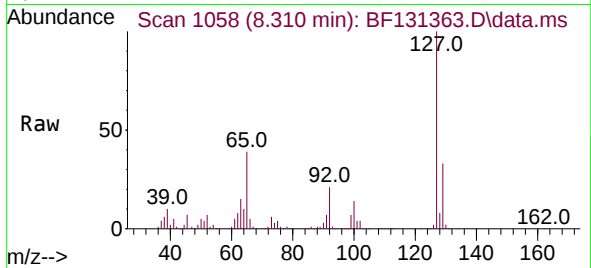
SSTDCCC040

Tgt Ion:127 Resp: 314244  
Ion Ratio Lower Upper  
127 100  
129 32.5 26.4 39.6  
65 39.5 31.0 46.6  
92 21.4 16.3 24.5

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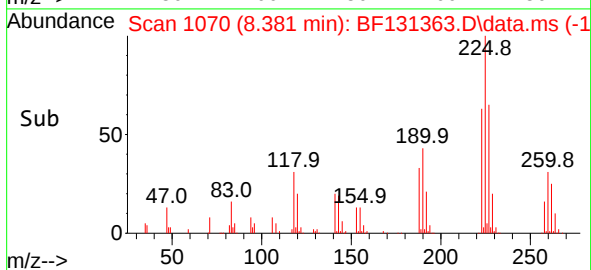
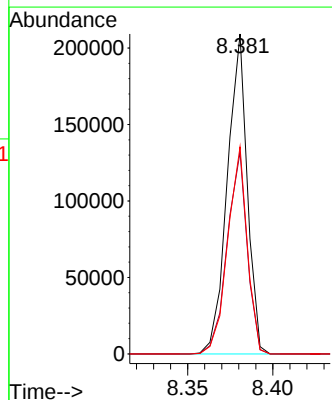
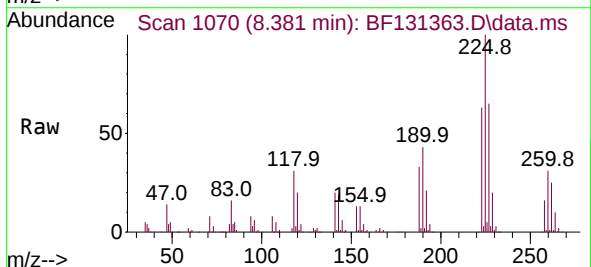
Reviewed By :Christian  
Giraldo  
11/25/2022

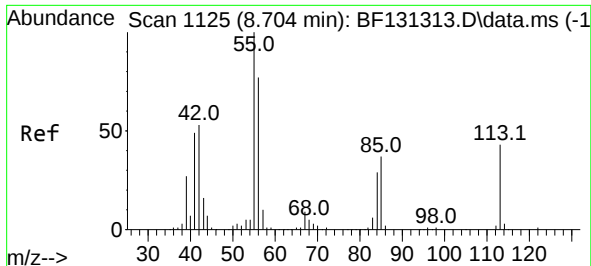
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#34  
Hexachlorobutadiene  
Concen: 36.720 ng  
RT: 8.381 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

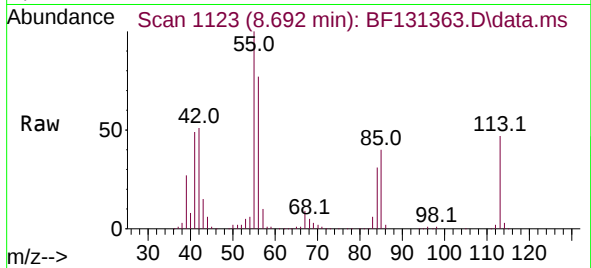
Tgt Ion:225 Resp: 169995  
Ion Ratio Lower Upper  
225 100  
223 63.0 49.4 74.0  
227 64.7 51.1 76.7





#35  
Caprolactam  
Concen: 46.132 ng  
RT: 8.692 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

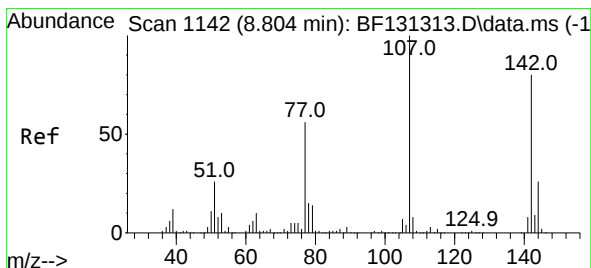
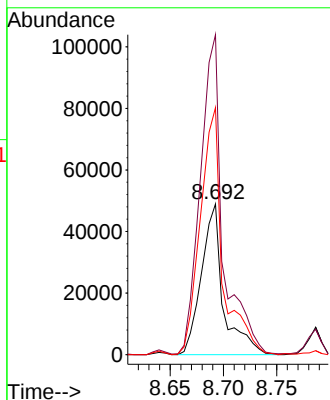
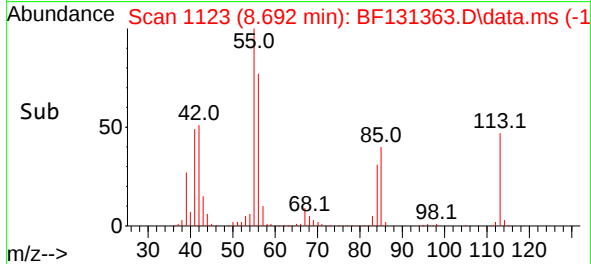
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



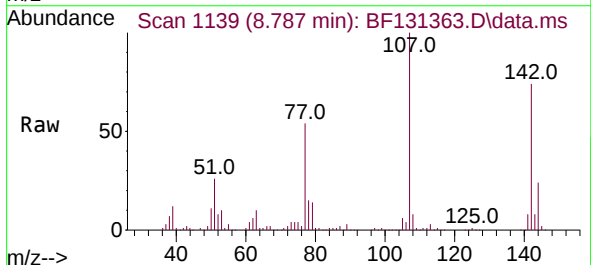
Tgt Ion:113 Resp: 69962  
Ion Ratio Lower Upper  
113 100  
55 212.5 214.5 254.5  
56 163.9 159.4 199.4

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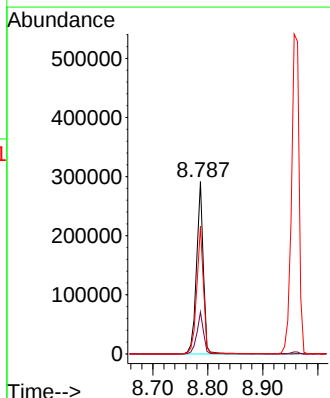
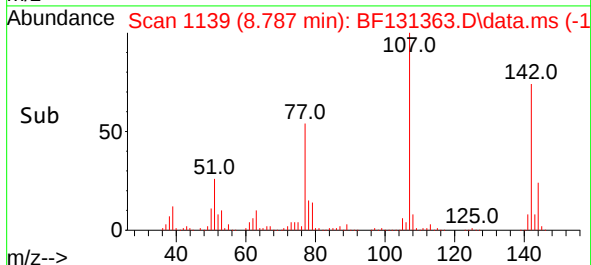
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

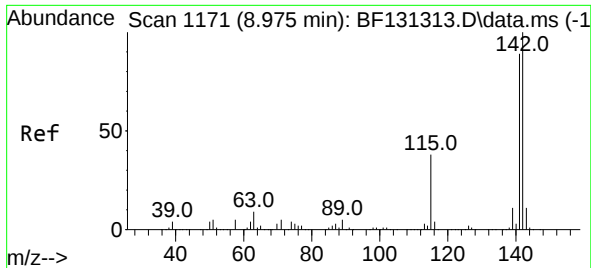


#36  
4-Chloro-3-methylphenol  
Concen: 41.793 ng  
RT: 8.787 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



Tgt Ion:107 Resp: 250586  
Ion Ratio Lower Upper  
107 100  
144 24.3 20.9 31.3  
142 74.0 63.9 95.9





#37

2-Methylnaphthalene

Concen: 36.833 ng

RT: 8.957 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 51572

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4

Manual Integrations

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Reviewed By :Christian

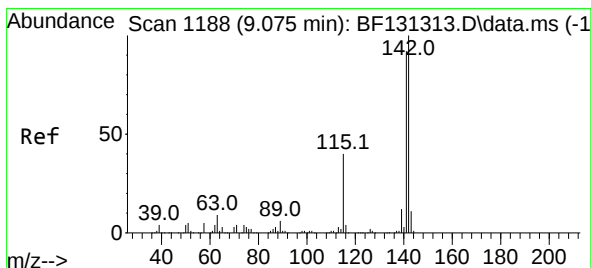
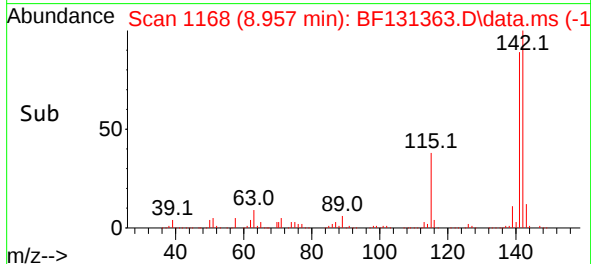
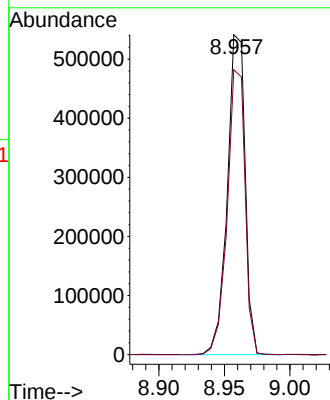
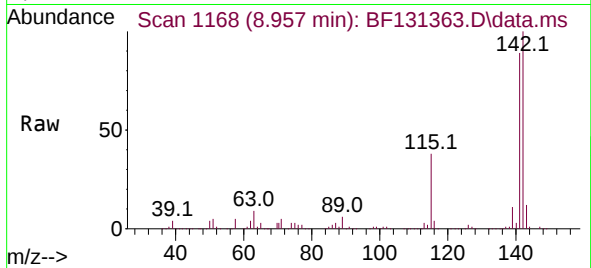
Giraldo

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Upadhyay

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#38

1-Methylnaphthalene

Concen: 36.970 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF131363.D

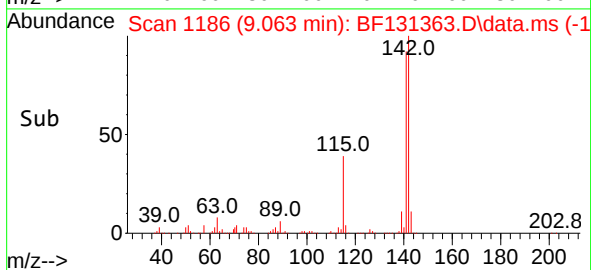
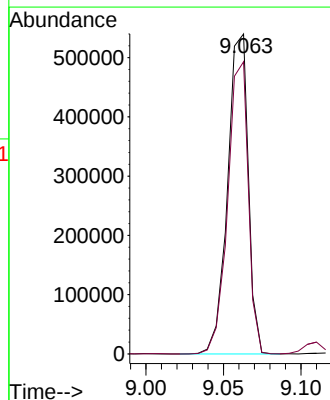
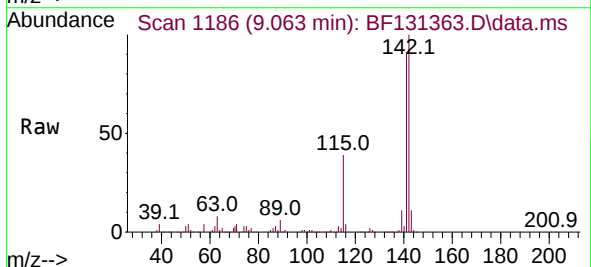
Acq: 23 Nov 2022 16:00

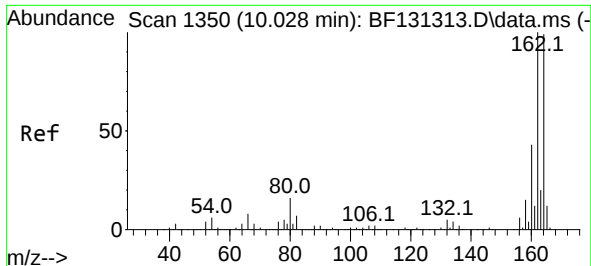
Tgt Ion:142 Resp: 501957

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF131363.D

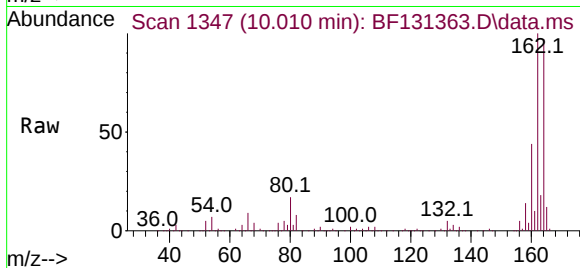
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 222316

Ion Ratio Lower Upper

164 100

162 103.3 80.6 120.8

160 45.7 34.4 51.6

Manual Integrations

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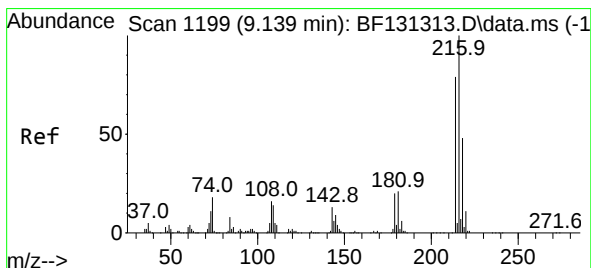
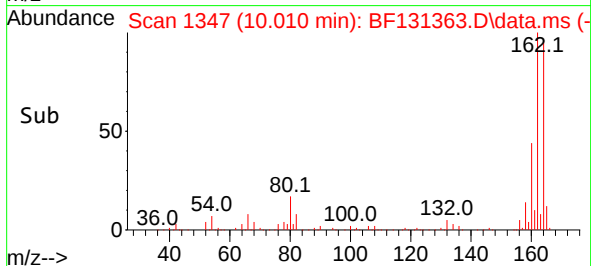
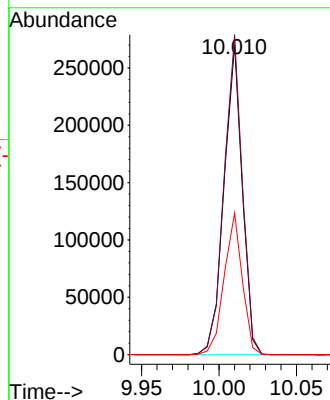
Giraldo

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Supervised By :Jagrut

Upadhyay

11/25/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.046 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Tgt Ion:216 Resp: 260051

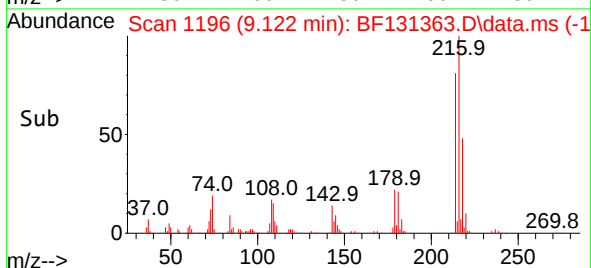
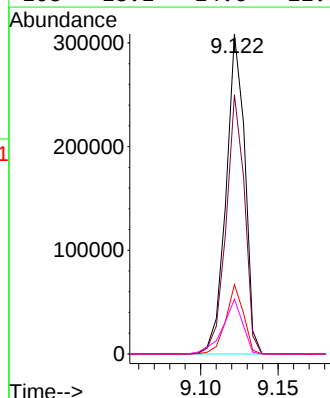
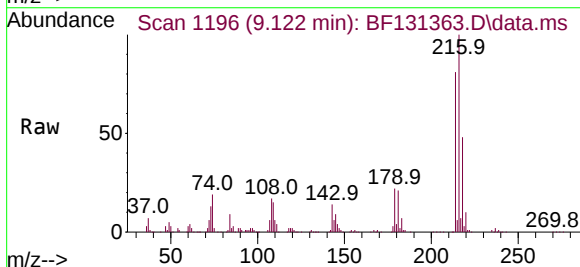
Ion Ratio Lower Upper

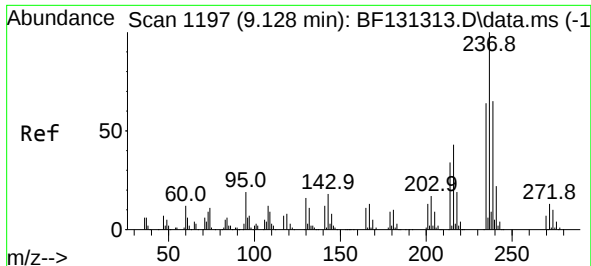
216 100

214 79.5 63.1 94.7

179 20.3 16.2 24.4

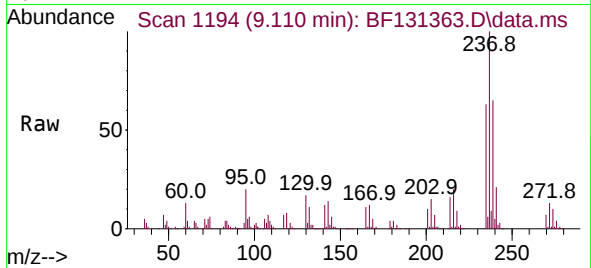
108 18.1 14.6 22.0





#41  
Hexachlorocyclopentadiene  
Concen: 42.401 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

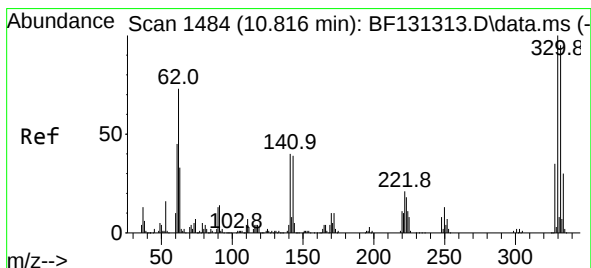
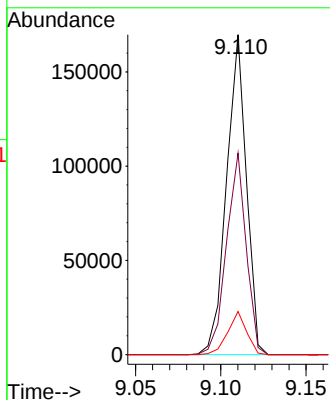
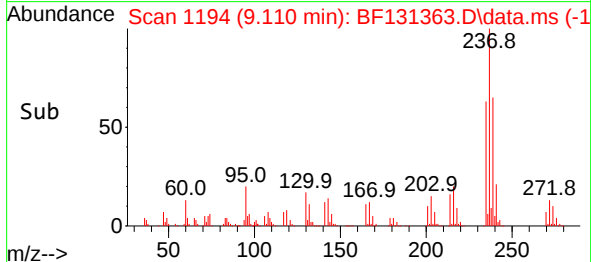
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



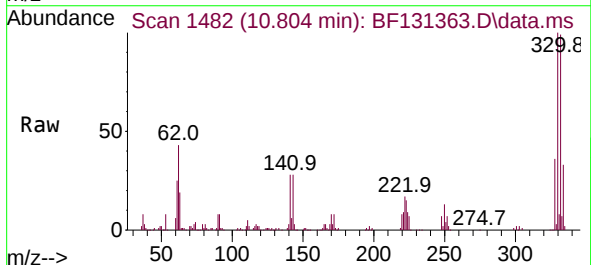
Tgt Ion:237 Resp: 137516  
Ion Ratio Lower Upper  
237 100  
235 63.0 44.2 84.2  
272 13.5 0.0 33.4

Manual Integrations  
APPROVED

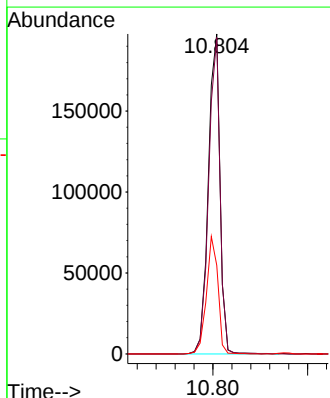
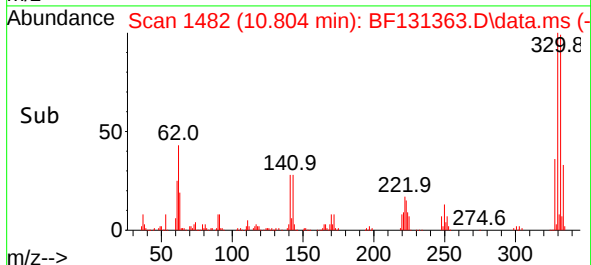
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

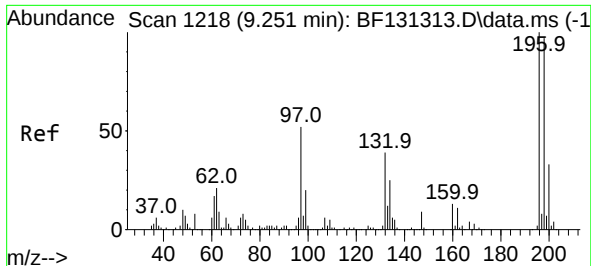


#42  
2,4,6-Tribromophenol  
Concen: 90.602 ng  
RT: 10.804 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



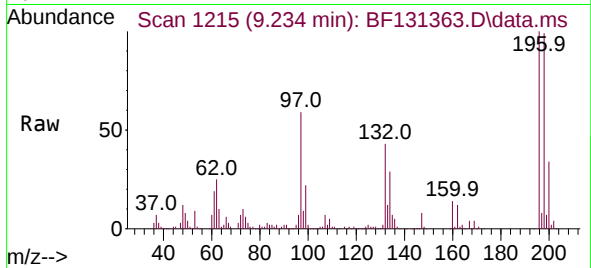
Tgt Ion:330 Resp: 169459  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.5 116.3  
141 36.1 29.3 43.9





#43  
2,4,6-Trichlorophenol  
Concen: 43.157 ng  
RT: 9.234 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

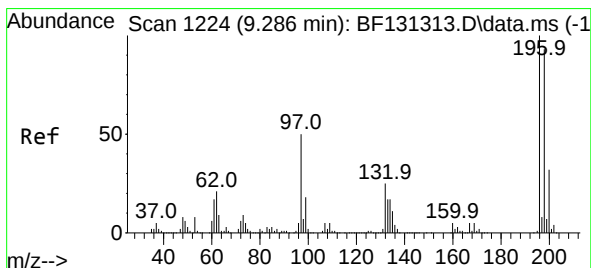
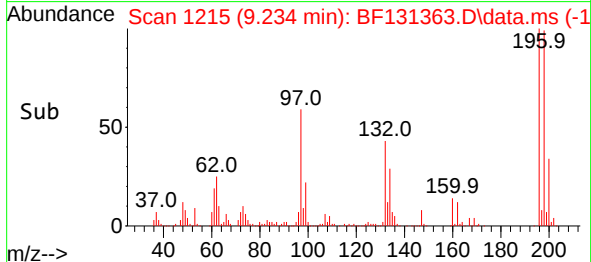
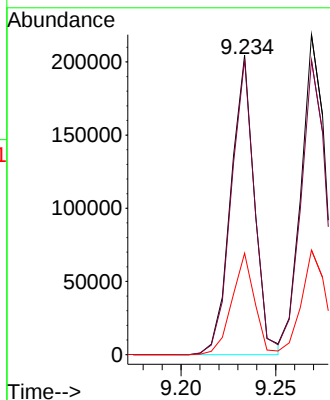
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 176627  
Ion Ratio Lower Upper  
196 100  
198 98.7 77.4 116.0  
200 33.9 26.3 39.5

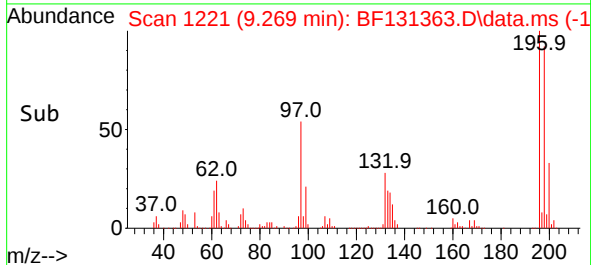
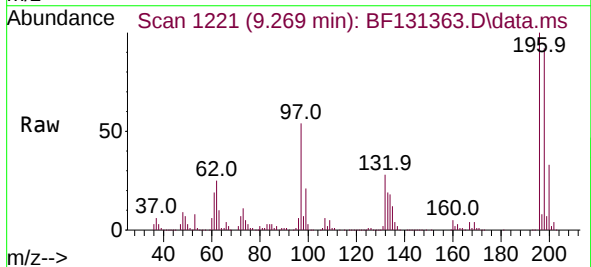
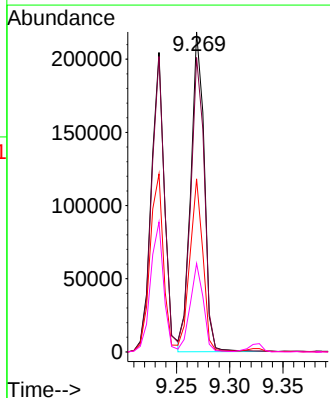
Manual Integrations  
APPROVED

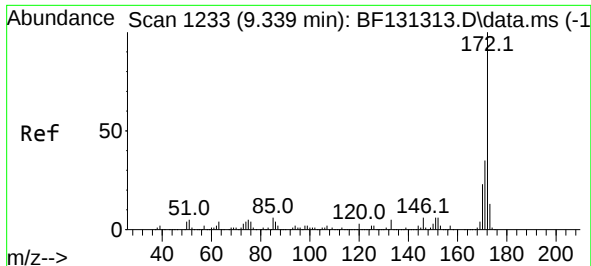
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#44  
2,4,5-Trichlorophenol  
Concen: 41.788 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:196 Resp: 192312  
Ion Ratio Lower Upper  
196 100  
198 92.0 75.0 112.4  
97 54.1 40.3 60.5  
132 27.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 71.023 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1085330

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian

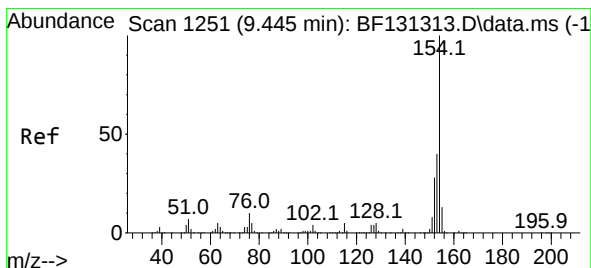
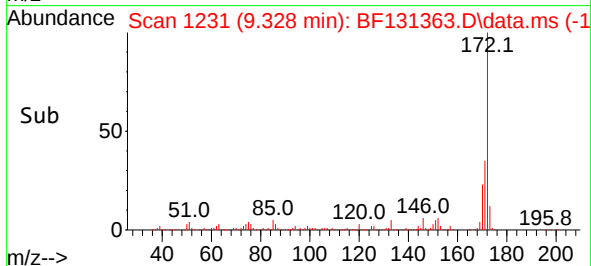
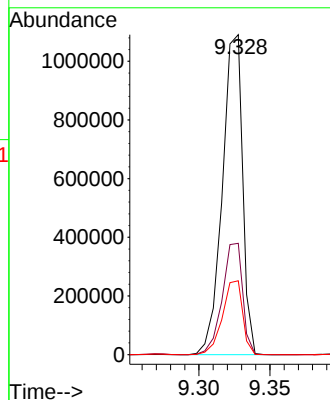
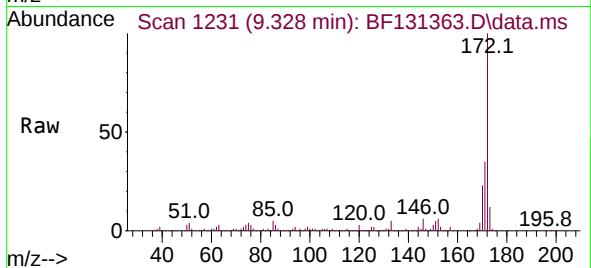
Giraldo

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Upadhyay

11/25/2022



#46

1,1'-Biphenyl

Concen: 36.239 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

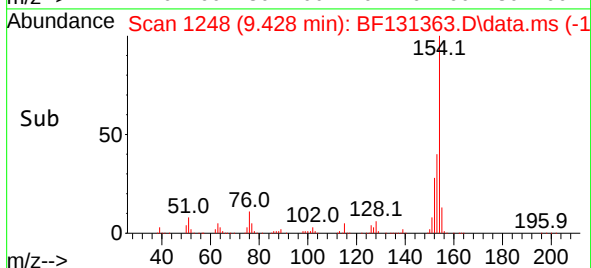
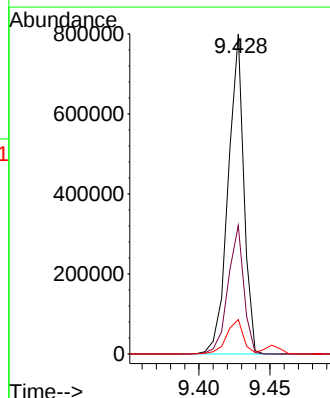
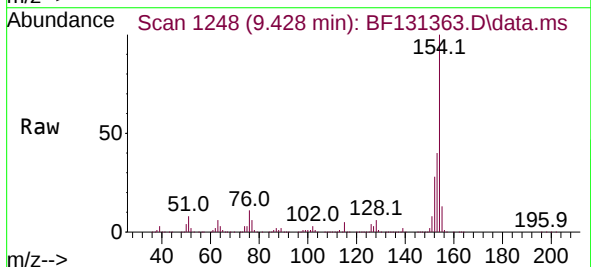
Tgt Ion:154 Resp: 614802

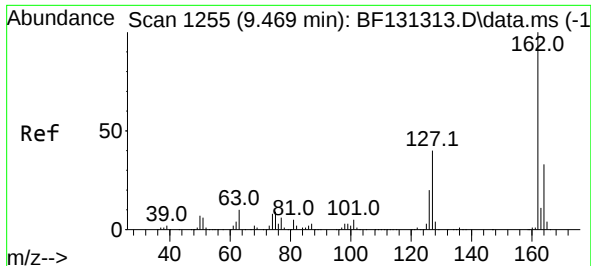
Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

76 10.7 0.0 30.2





#47

2-Chloronaphthalene

Concen: 37.178 ng

RT: 9.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 505974

Ion Ratio Lower Upper

162 100

127 41.9 32.1 48.1

164 32.4 26.6 39.8

Manual Integrations

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Reviewed By :Christian

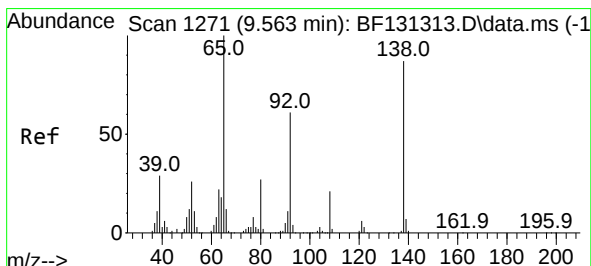
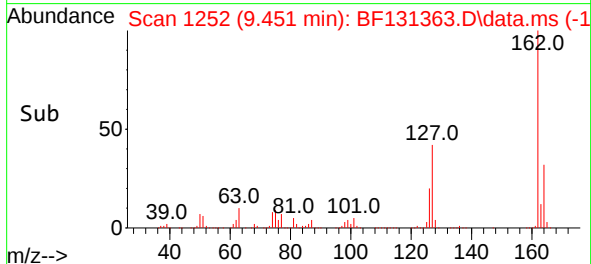
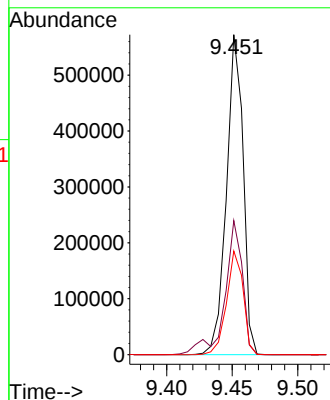
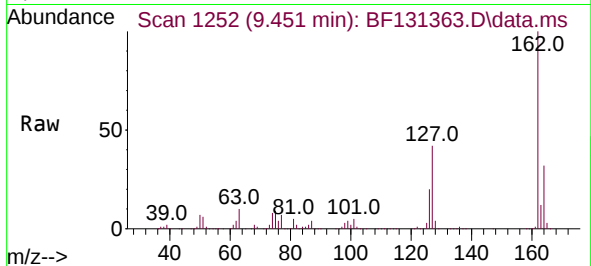
Giraldo

11/25/2022

Supervised By :Jagrut

Upadhyay

11/25/2022



#48

2-Nitroaniline

Concen: 45.271 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

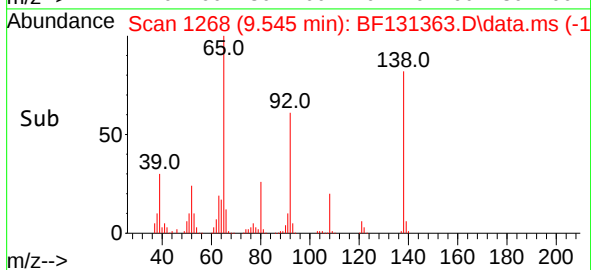
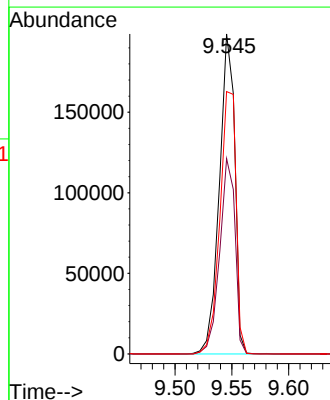
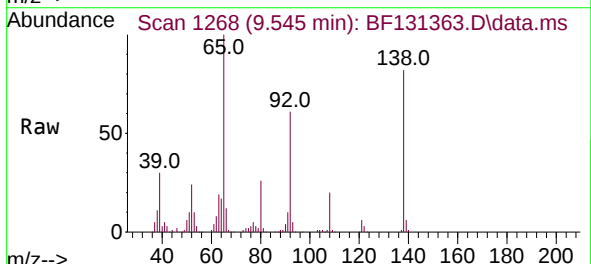
Tgt Ion: 65 Resp: 187069

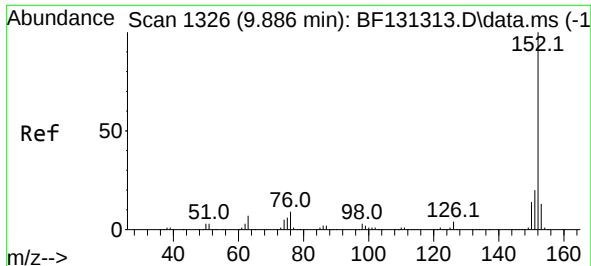
Ion Ratio Lower Upper

65 100

92 61.0 49.0 73.4

138 82.0 69.4 104.2





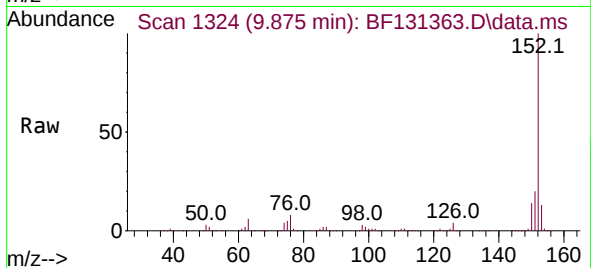
#49  
Acenaphthylene  
Concen: 37.314 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

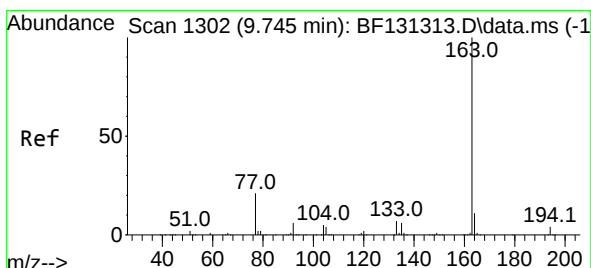
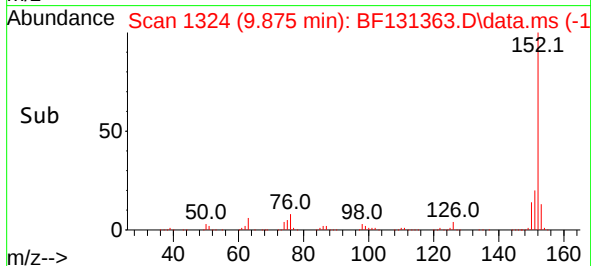
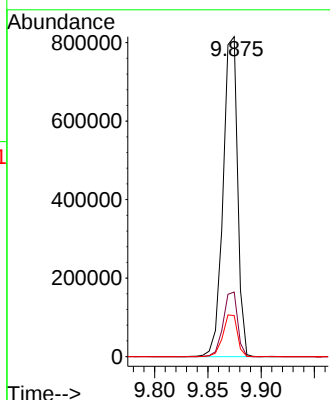


Tgt Ion:152 Resp: 774124  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 12.8 10.6 15.8

Manual Integrations  
APPROVED

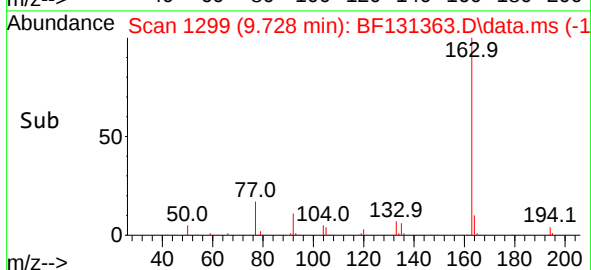
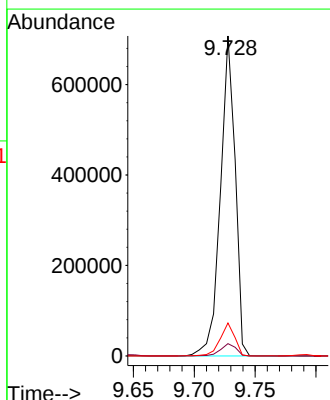
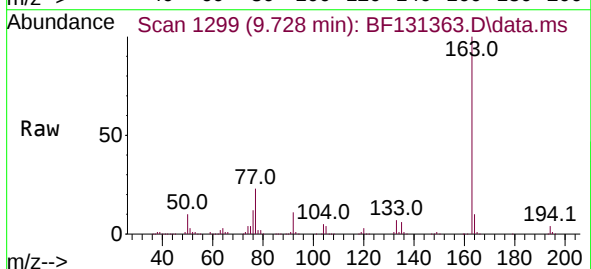
Reviewed By :Christian  
Giraldo  
11/25/2022

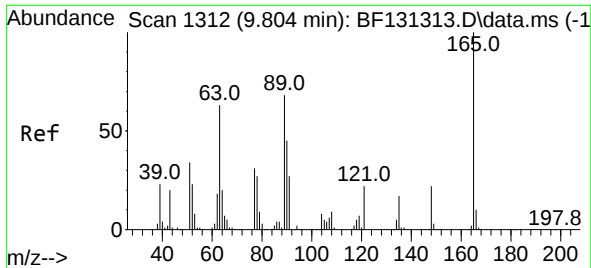
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#50  
Dimethylphthalate  
Concen: 38.274 ng  
RT: 9.728 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

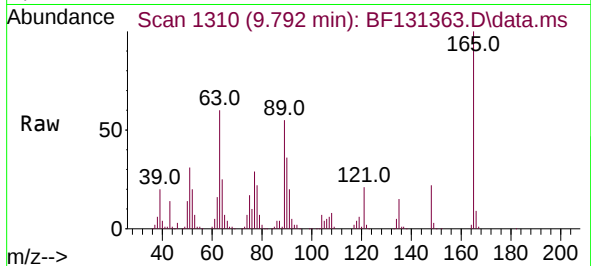
Tgt Ion:163 Resp: 592841  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.3 8.5 12.7





#51  
2,6-Dinitrotoluene  
Concen: 41.727 ng  
RT: 9.792 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

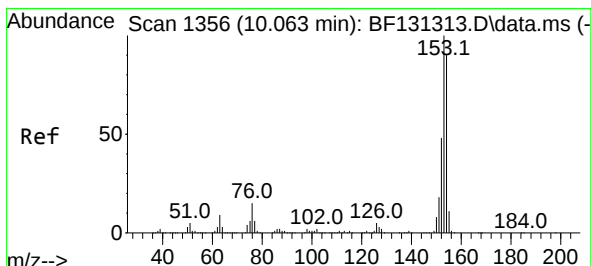
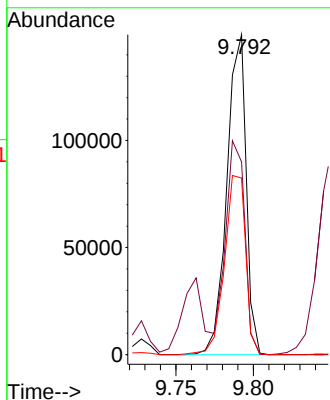
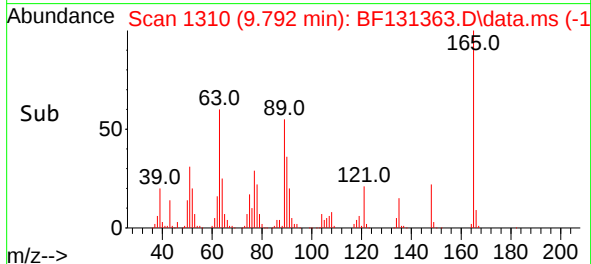
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



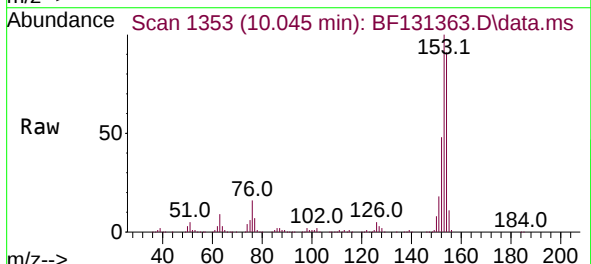
Tgt Ion:165 Resp: 12925  
Ion Ratio Lower Upper  
165 100  
63 60.2 62.0 93.0  
89 55.2 54.4 81.6

Manual Integrations  
APPROVED

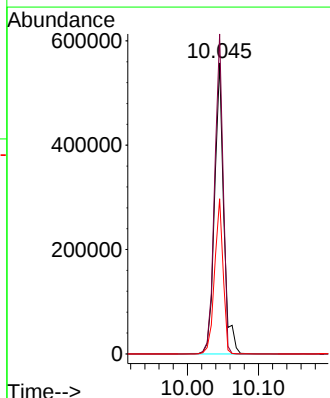
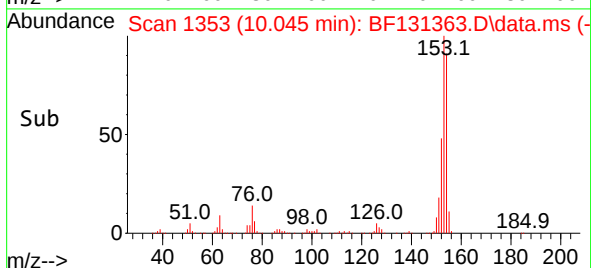
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

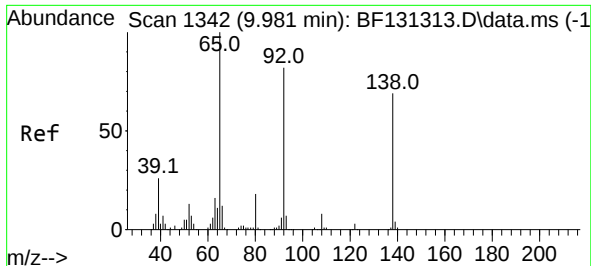


#52  
Acenaphthene  
Concen: 38.674 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



Tgt Ion:154 Resp: 502408  
Ion Ratio Lower Upper  
154 100  
153 110.0 88.4 132.6  
152 53.3 42.8 64.2





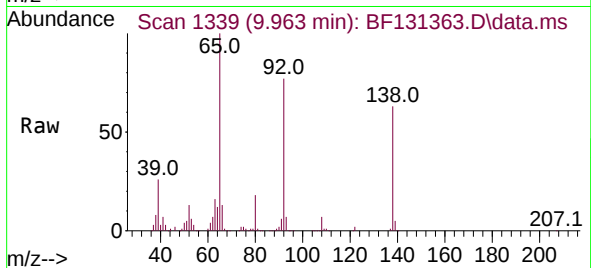
#53  
3-Nitroaniline  
Concen: 43.626 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

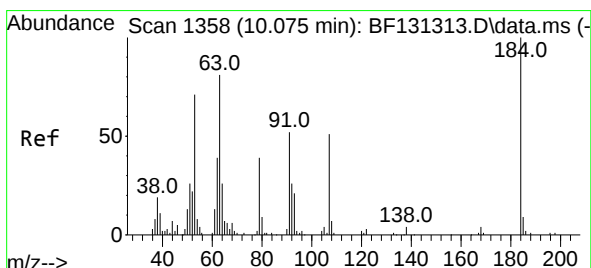
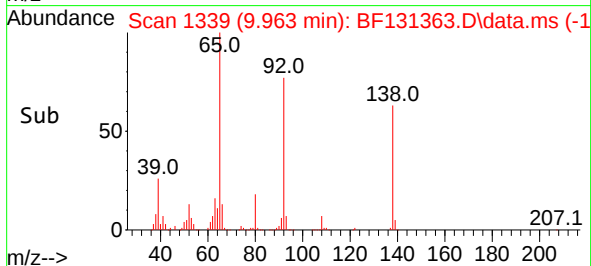
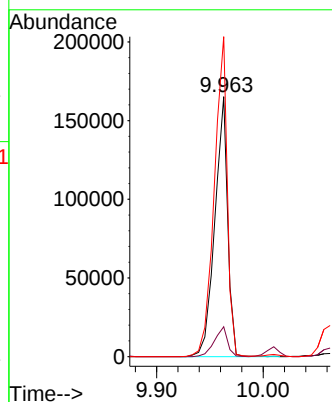


Tgt Ion:138 Resp: 138863  
Ion Ratio Lower Upper  
138 100  
108 11.5 8.9 13.3  
92 123.1 95.3 142.9

Manual Integrations  
APPROVED

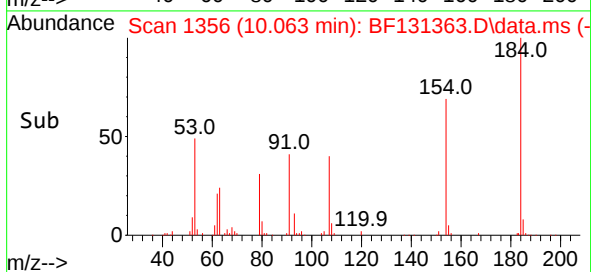
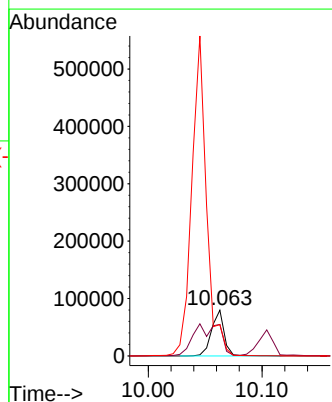
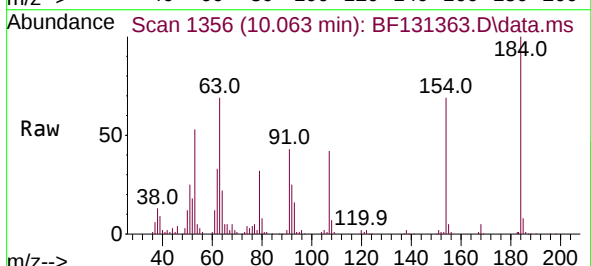
Reviewed By :Christian  
Giraldo  
11/25/2022

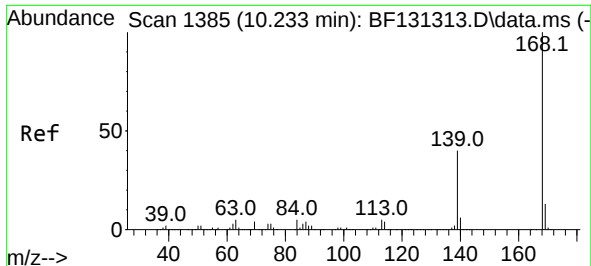
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#54  
2,4-Dinitrophenol  
Concen: 52.026 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

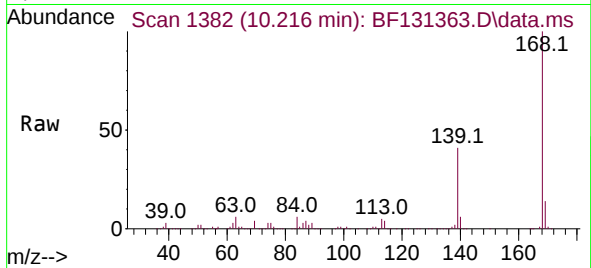
Tgt Ion:184 Resp: 61266  
Ion Ratio Lower Upper  
184 100  
63 68.8 72.1 108.1#  
154 68.7 56.3 84.5





#55  
Dibenzofuran  
Concen: 36.825 ng  
RT: 10.216 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

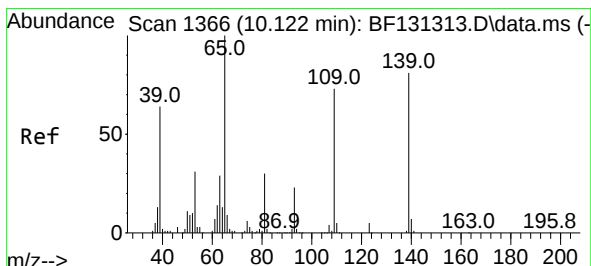
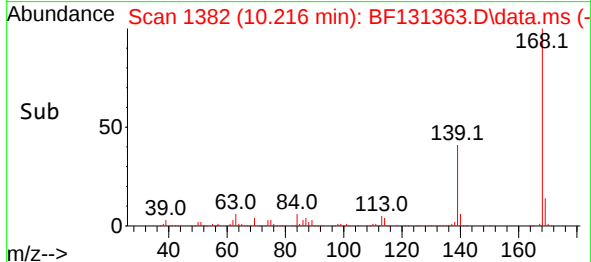
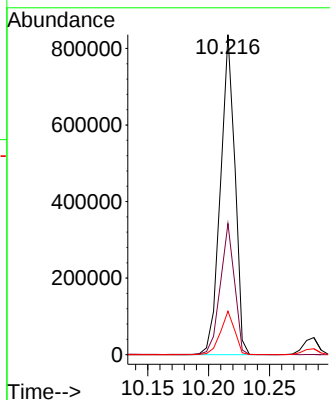


Tgt Ion:168 Resp: 688248  
Ion Ratio Lower Upper  
168 100  
139 41.0 31.7 47.5  
169 13.6 10.6 15.8

Manual Integrations  
APPROVED

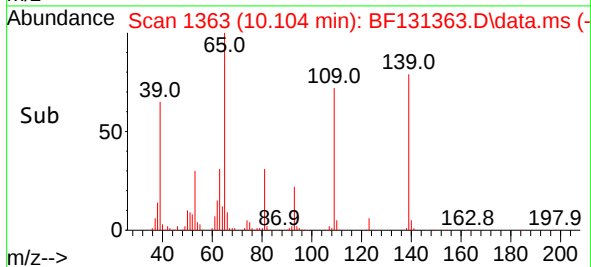
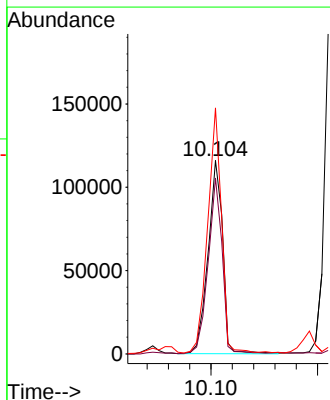
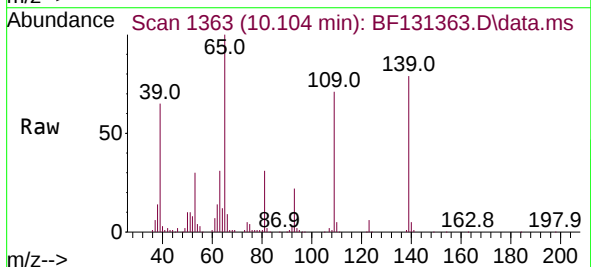
Reviewed By :Christian  
Giraldo  
11/25/2022

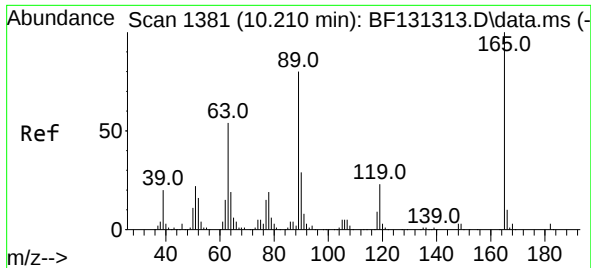
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#56  
4-Nitrophenol  
Concen: 49.990 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:139 Resp: 110433  
Ion Ratio Lower Upper  
139 100  
109 90.9 69.6 109.6  
65 127.2 103.4 143.4





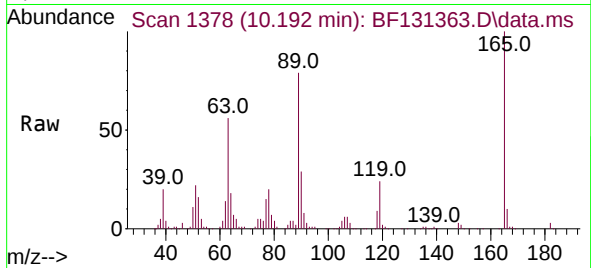
#57  
2,4-Dinitrotoluene  
Concen: 43.963 ng  
RT: 10.192 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

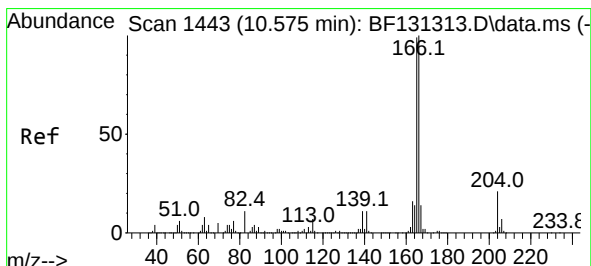
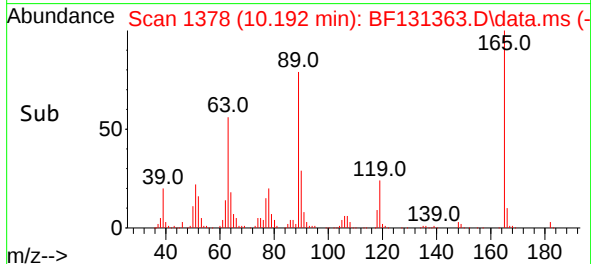
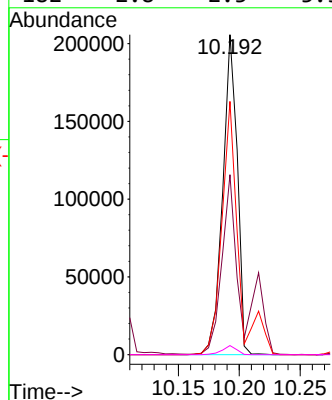


Tgt Ion:165 Resp: 171348  
Ion Ratio Lower Upper  
165 100  
63 56.2 43.4 65.2  
89 79.1 64.0 96.0  
182 2.8 2.3 3.5

Manual Integrations  
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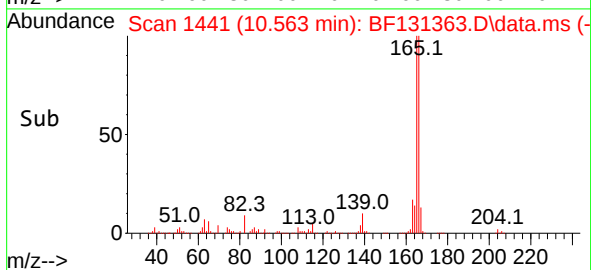
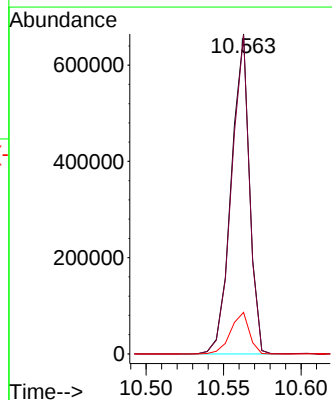
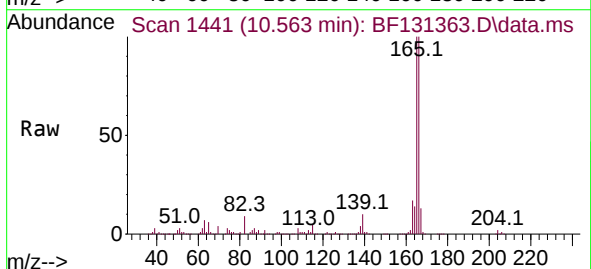
Reviewed By :Christian  
Giraldo  
11/25/2022

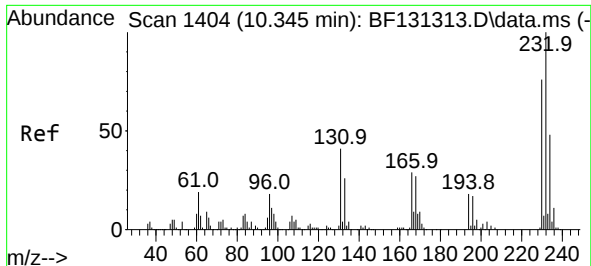
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#58  
Fluorene  
Concen: 37.207 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

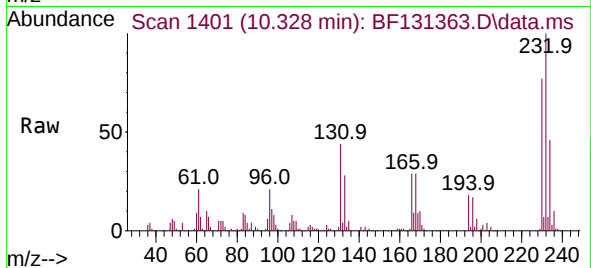
Tgt Ion:166 Resp: 542710  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.0 118.4  
167 13.0 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.357 ng  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

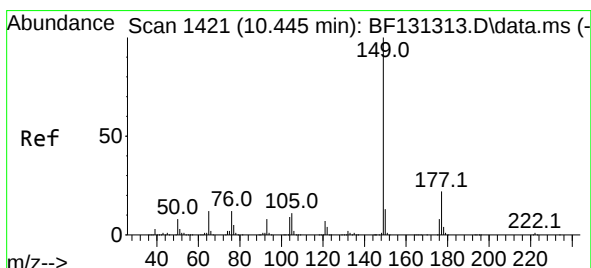
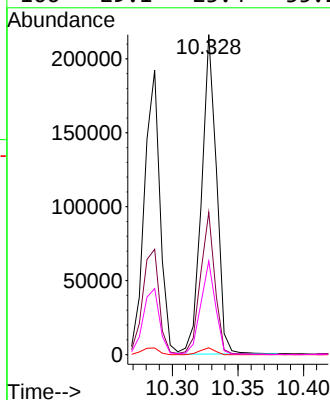
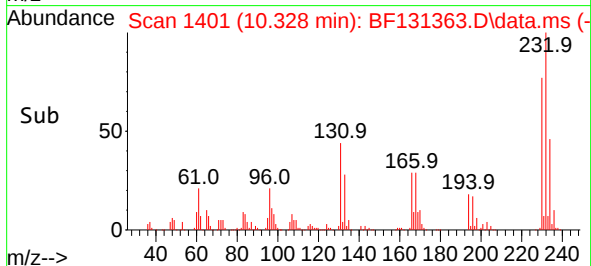
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



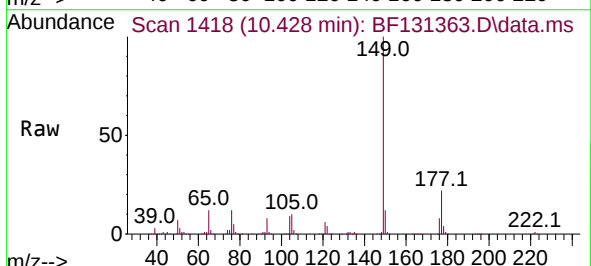
Tgt Ion:232 Resp: 170004  
Ion Ratio Lower Upper  
232 100  
131 43.6 35.2 52.8  
130 2.1 1.8 2.8  
166 29.1 23.4 35.2

Manual Integrations  
APPROVED

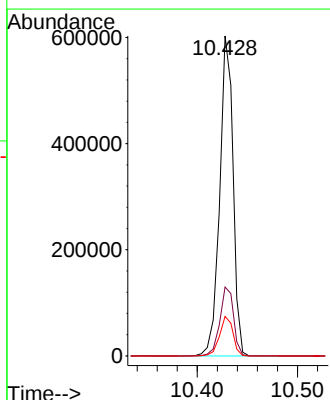
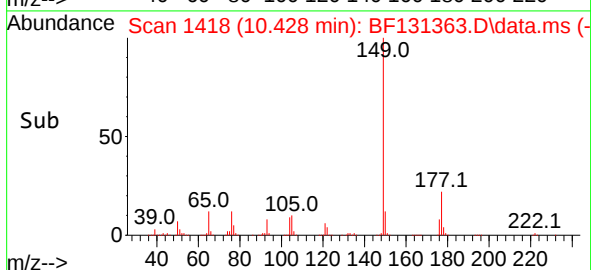
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

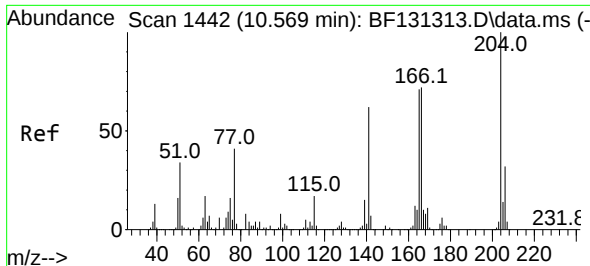


#60  
Diethylphthalate  
Concen: 38.297 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



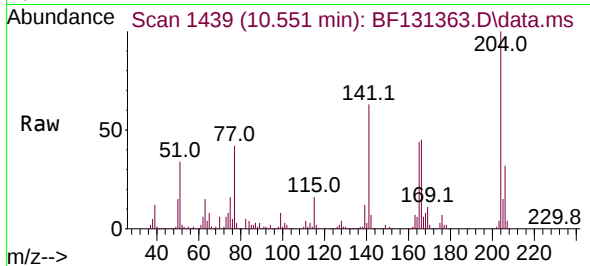
Tgt Ion:149 Resp: 560127  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.6 26.4  
150 12.3 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 36.397 ng  
RT: 10.551 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

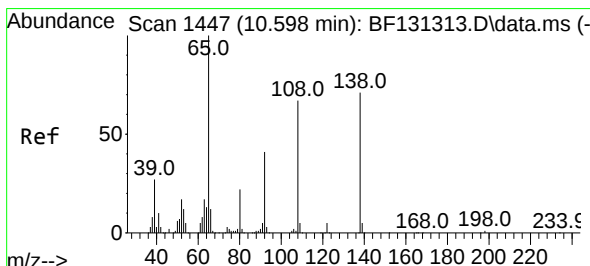
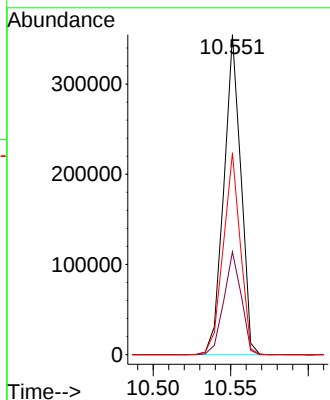
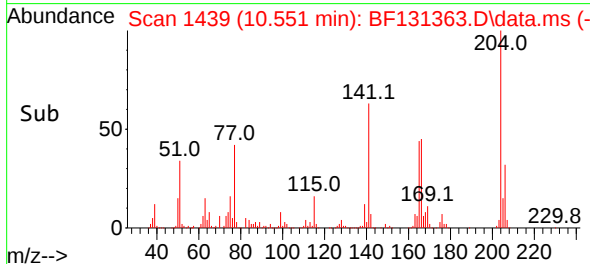
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 272158  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.7 38.5  
141 63.1 49.2 73.8

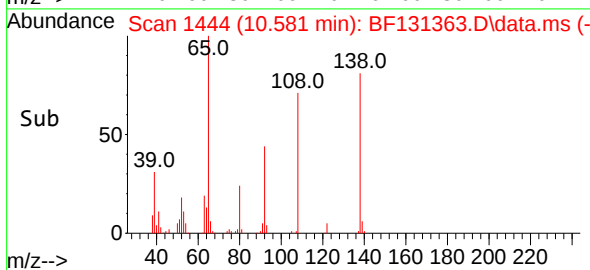
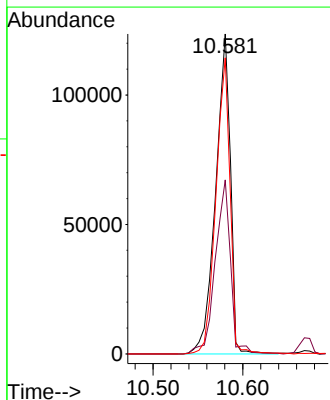
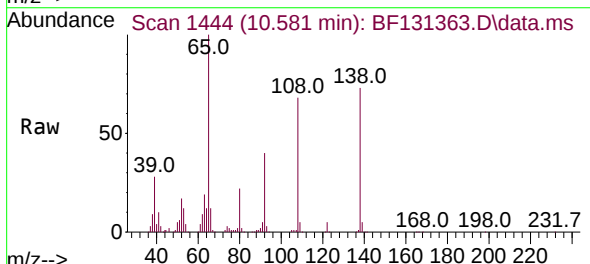
Manual Integrations  
APPROVED

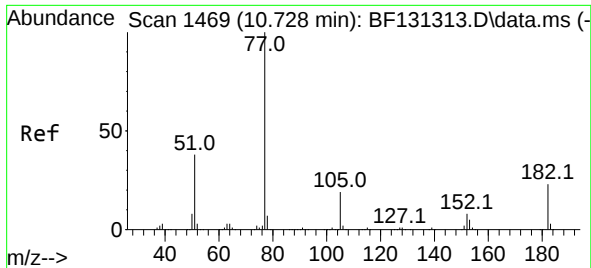
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#62  
4-Nitroaniline  
Concen: 44.893 ng  
RT: 10.581 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

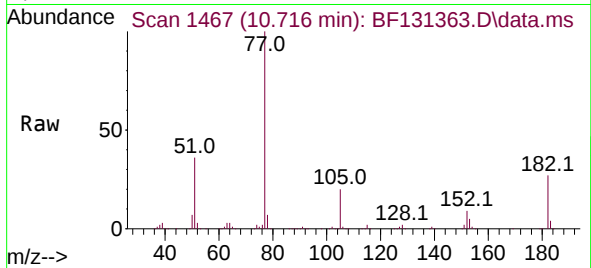
Tgt Ion:138 Resp: 142214  
Ion Ratio Lower Upper  
138 100  
92 54.4 37.0 77.0  
108 92.5 74.0 114.0





#63  
Azobenzene  
Concen: 36.261 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

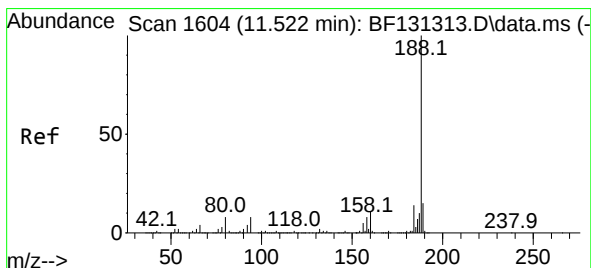
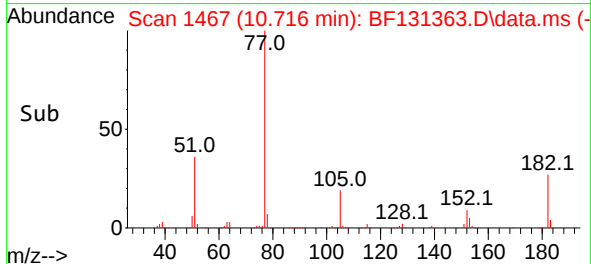
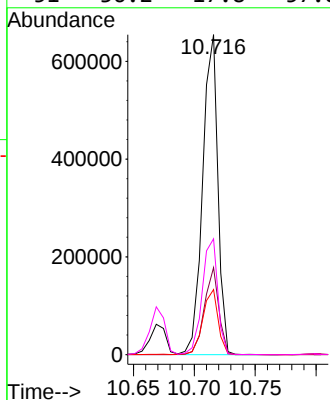


Tgt Ion: 77 Resp: 57024  
Ion Ratio Lower Upper  
77 100  
182 27.2 3.1 43.1  
105 20.3 0.0 39.2  
51 36.2 17.8 57.8

Manual Integrations  
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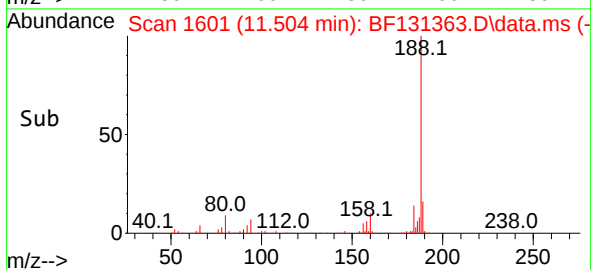
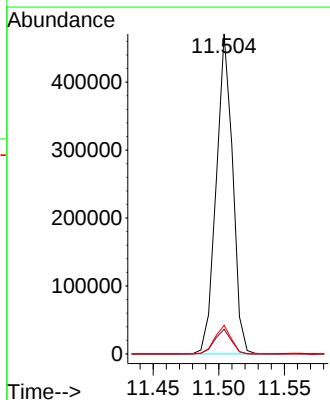
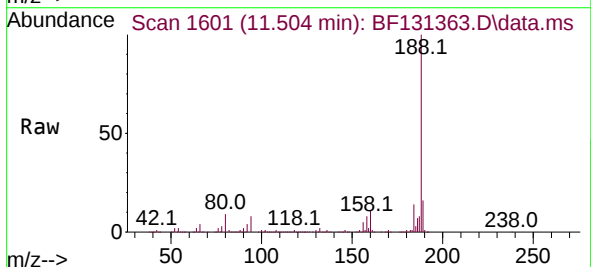
Reviewed By :Christian  
Giraldo  
11/25/2022

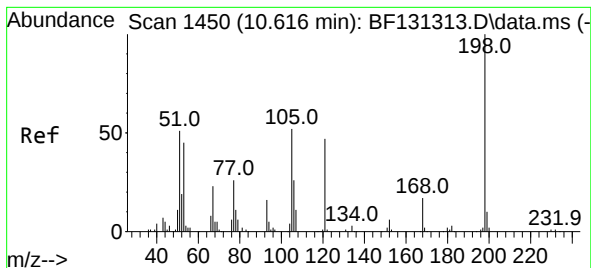
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.504 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

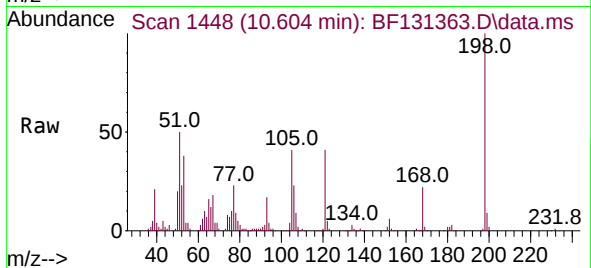
Tgt Ion:188 Resp: 410492  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.3 9.5  
80 8.9 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.107 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

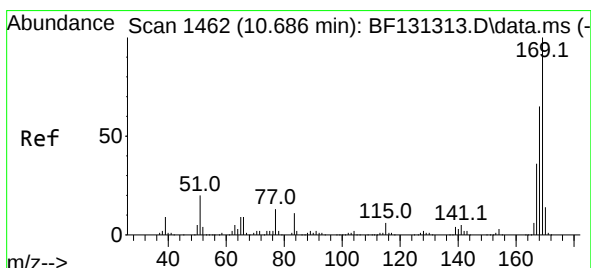
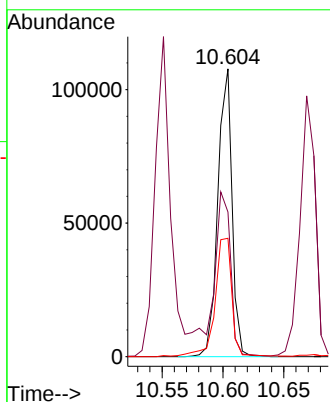
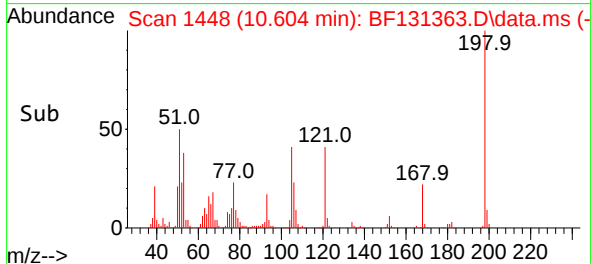
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



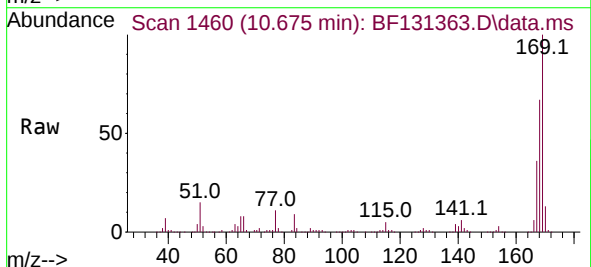
Tgt Ion:198 Resp: 87186  
Ion Ratio Lower Upper  
198 100  
51 50.2 50.1 90.1  
105 41.1 32.5 72.5

Manual Integrations  
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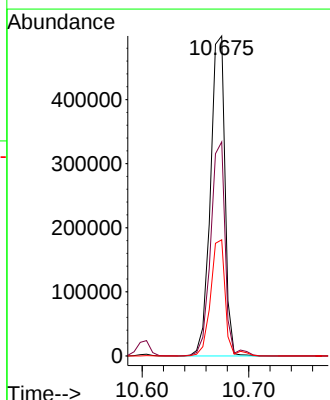
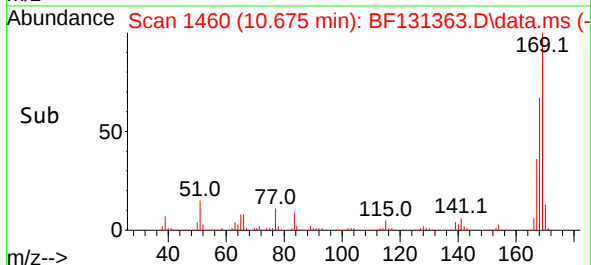
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

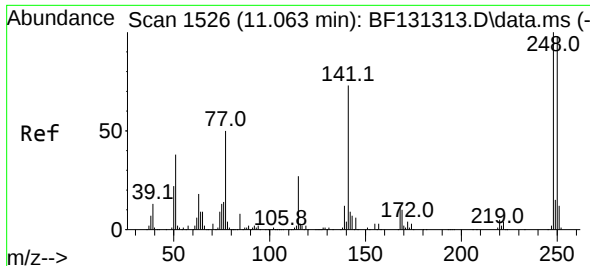


#66  
n-Nitrosodiphenylamine  
Concen: 36.101 ng  
RT: 10.675 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



Tgt Ion:169 Resp: 472212  
Ion Ratio Lower Upper  
169 100  
168 66.9 52.4 78.6  
167 36.3 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 34.933 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

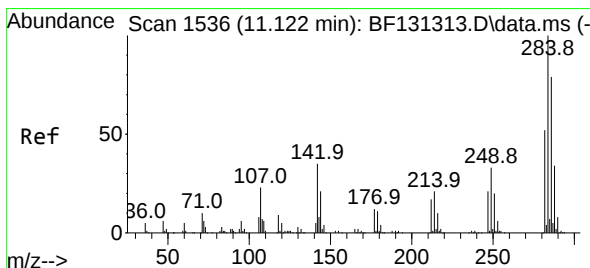
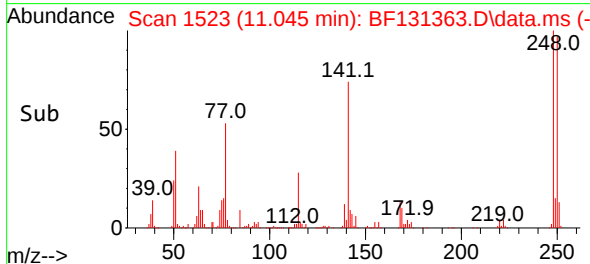
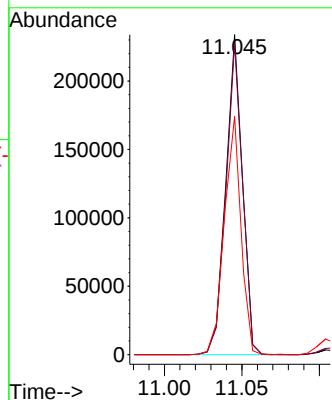
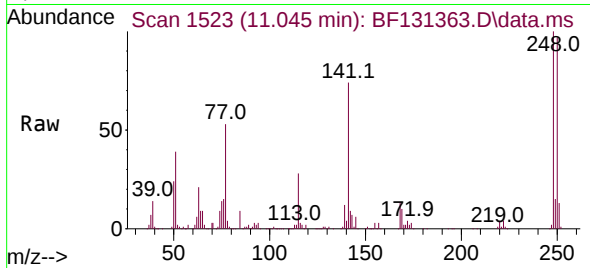
SSTDCCC040

Tgt Ion:248 Resp: 175754  
Ion Ratio Lower Upper  
248 100  
250 97.2 78.3 117.5  
141 74.4 58.0 87.0

Manual Integrations  
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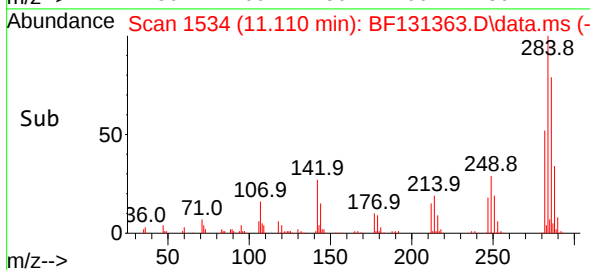
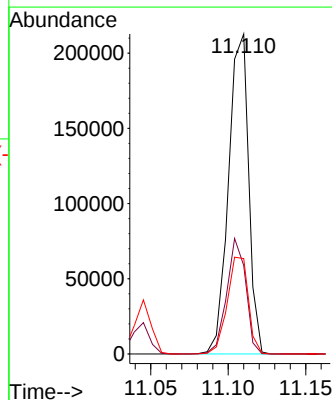
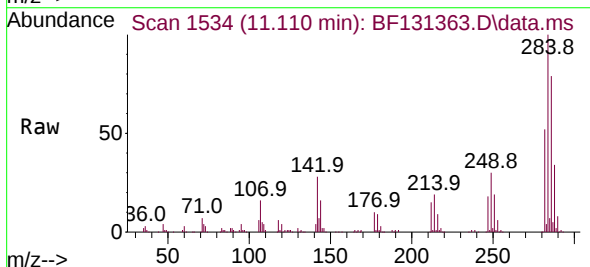
Reviewed By :Christian  
Giraldo  
11/25/2022

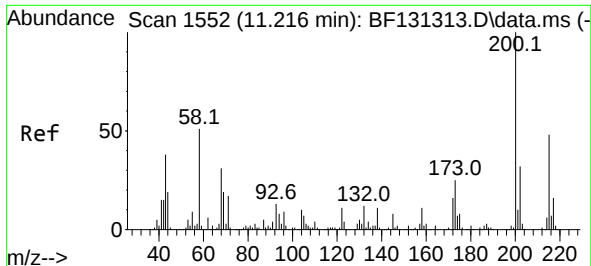
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#68  
Hexachlorobenzene  
Concen: 35.987 ng  
RT: 11.110 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

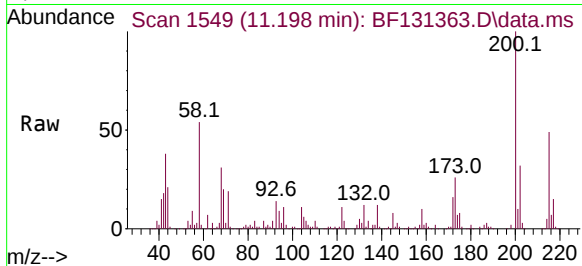
Tgt Ion:284 Resp: 192164  
Ion Ratio Lower Upper  
284 100  
142 27.6 28.4 42.6#  
249 29.8 26.5 39.7





#69  
Atrazine  
Concen: 38.570 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

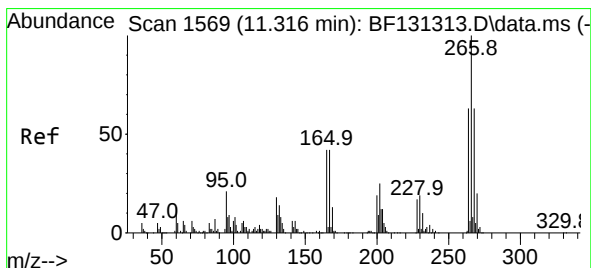
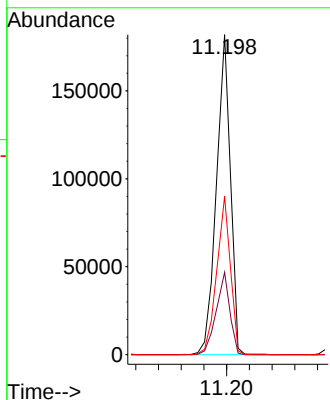
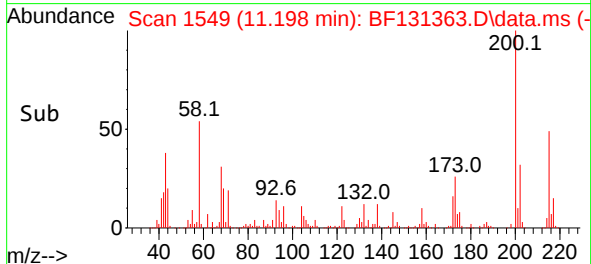
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



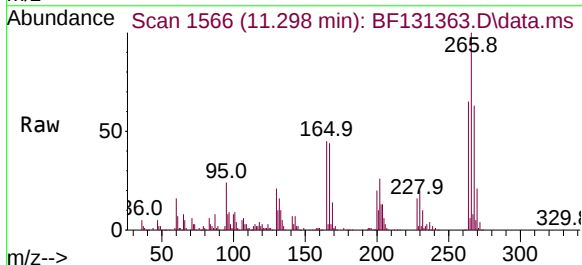
Tgt Ion:200 Resp: 15533  
Ion Ratio Lower Upper  
200 100  
173 25.7 5.2 45.2  
215 49.5 28.3 68.3

Manual Integrations  
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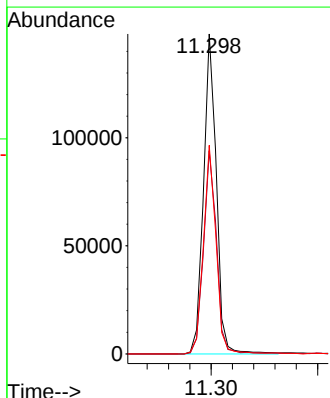
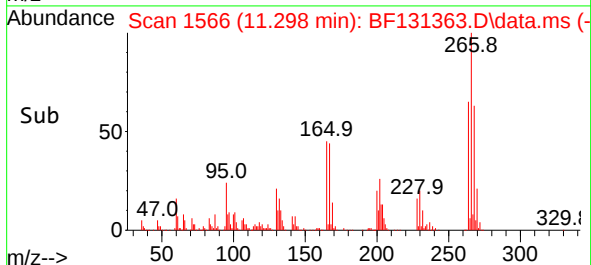
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

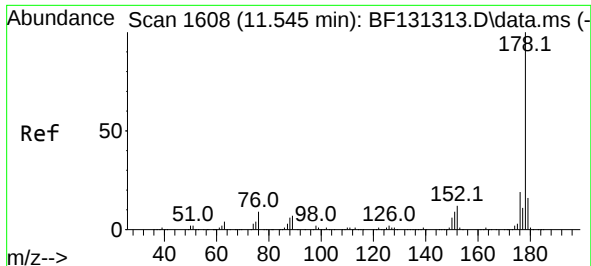


#70  
Pentachlorophenol  
Concen: 42.225 ng  
RT: 11.298 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



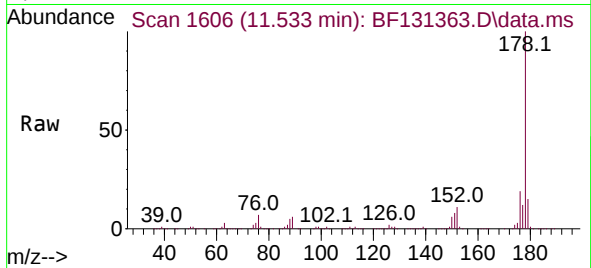
Tgt Ion:266 Resp: 123401  
Ion Ratio Lower Upper  
266 100  
268 63.5 50.6 75.8  
264 65.2 50.4 75.6





#71  
Phenanthrene  
Concen: 36.928 ng  
RT: 11.533 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

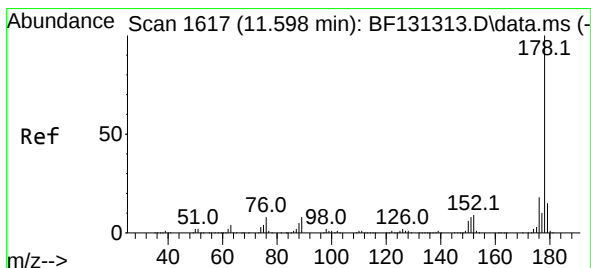
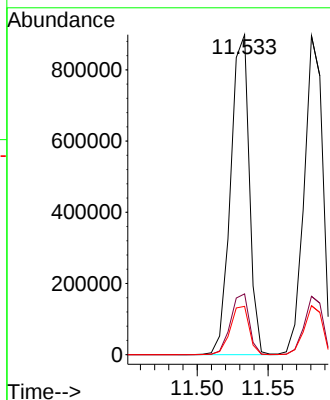
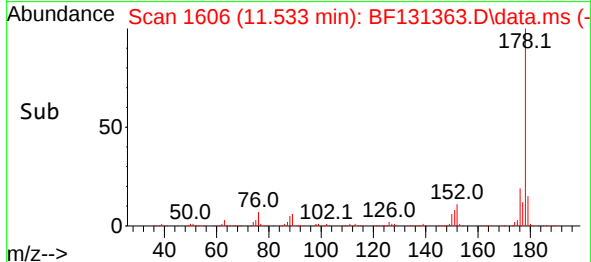
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



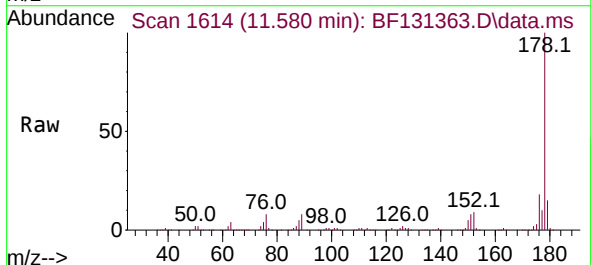
Tgt Ion:178 Resp: 819217  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.6 23.4  
179 15.1 12.4 18.6

Manual Integrations  
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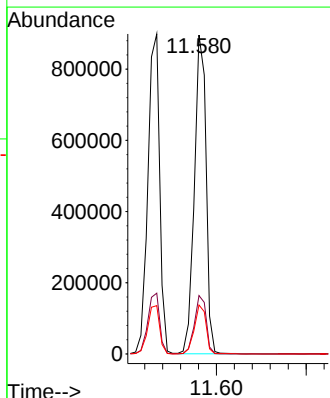
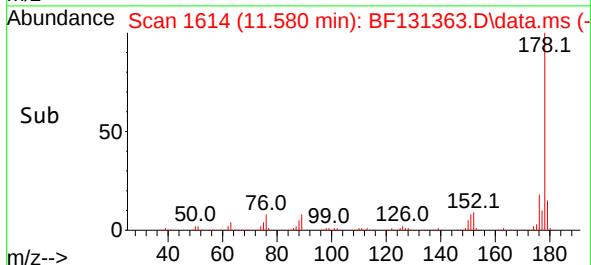
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

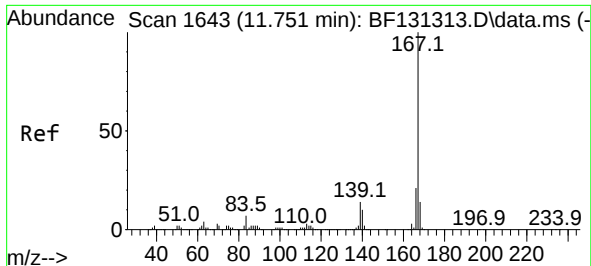


#72  
Anthracene  
Concen: 37.170 ng  
RT: 11.580 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



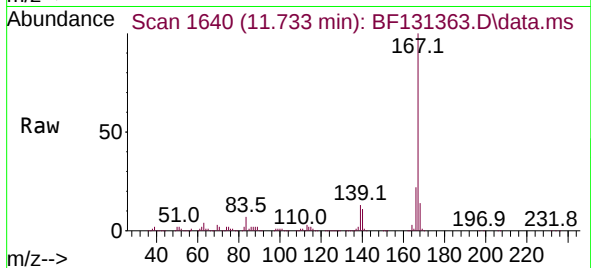
Tgt Ion:178 Resp: 810383  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.7 22.1  
179 15.4 12.2 18.4





#73  
 Carbazole  
 Concen: 38.844 ng  
 RT: 11.733 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: BF131363.D  
 Acq: 23 Nov 2022 16:00

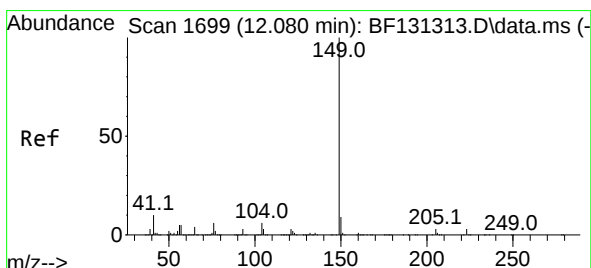
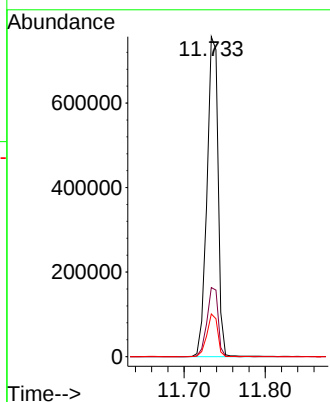
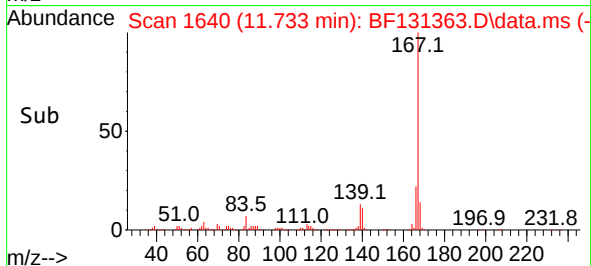
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



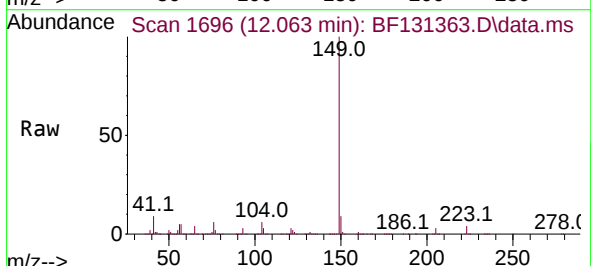
Tgt Ion:167 Resp: 722392  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 13.3 10.8 16.2

Manual Integrations  
 APPROVED

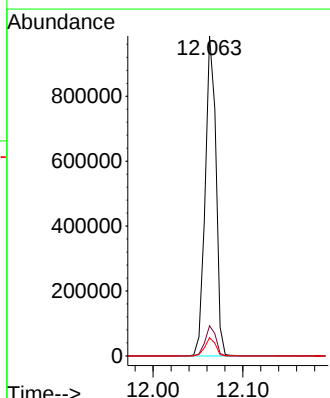
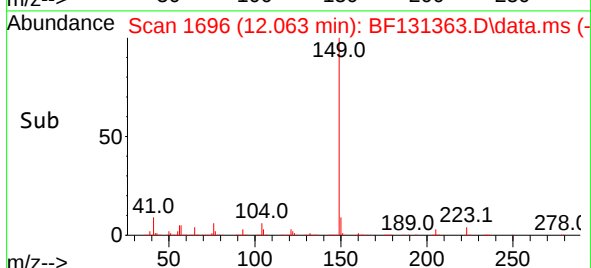
Reviewed By :Christian  
 Giraldo  
 11/25/2022  
 Supervised By :Jagrut  
 Upadhyay  
 11/25/2022

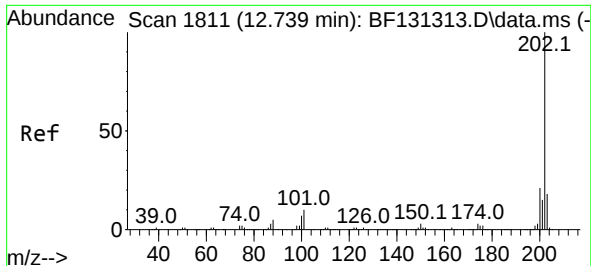


#74  
 Di-n-butylphthalate  
 Concen: 37.353 ng  
 RT: 12.063 min Scan# 1696  
 Delta R.T. 0.000 min  
 Lab File: BF131363.D  
 Acq: 23 Nov 2022 16:00



Tgt Ion:149 Resp: 818563  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.7 4.7 7.1





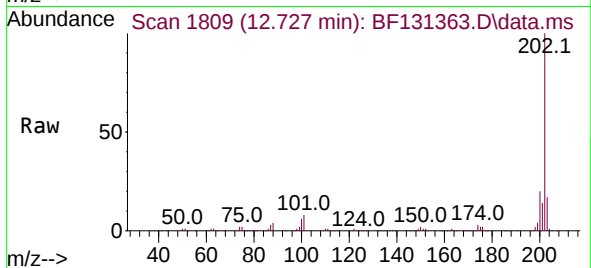
#75  
Fluoranthene  
Concen: 38.832 ng  
RT: 12.727 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

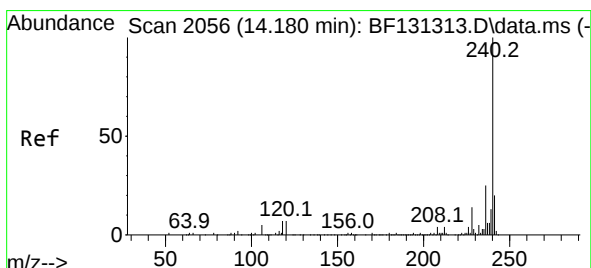
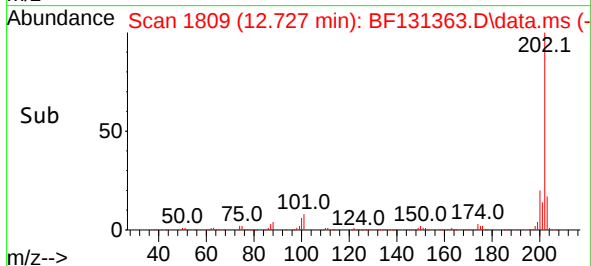
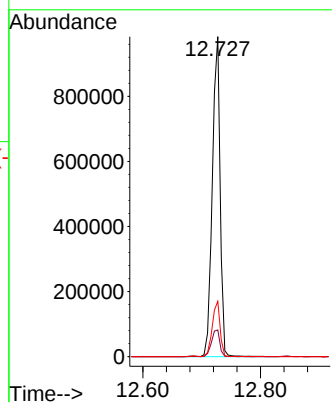


Tgt Ion:202 Resp: 90774  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 29.6  
203 17.3 0.0 37.8

Manual Integrations  
APPROVED

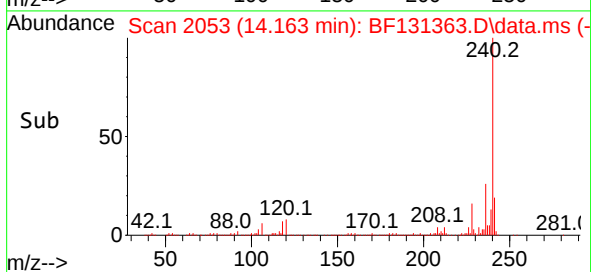
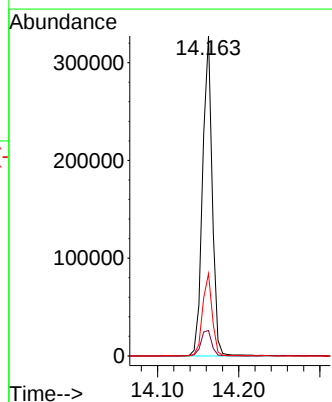
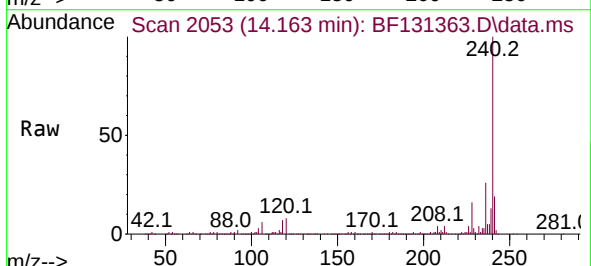
Reviewed By :Christian  
Giraldo  
11/25/2022

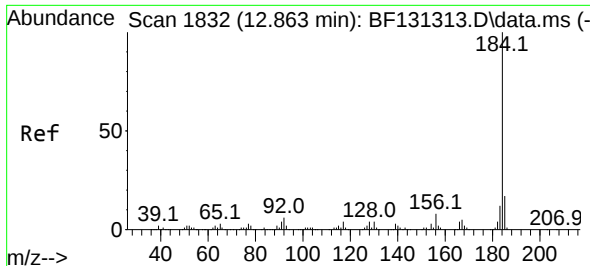
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.163 min Scan# 2053  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

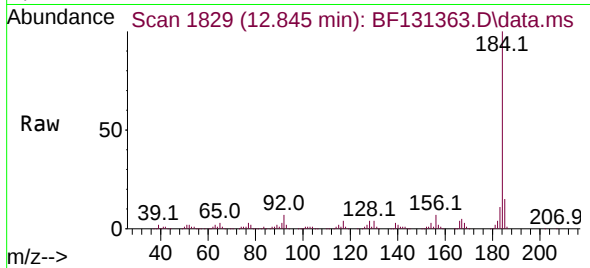
Tgt Ion:240 Resp: 269943  
Ion Ratio Lower Upper  
240 100  
120 7.9 5.8 8.8  
236 25.7 20.3 30.5





#77  
Benzidine  
Concen: 42.406 ng  
RT: 12.845 min Scan# 1832  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

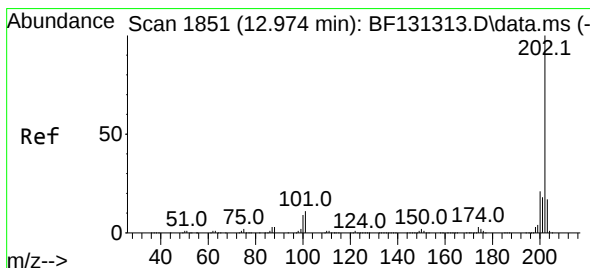
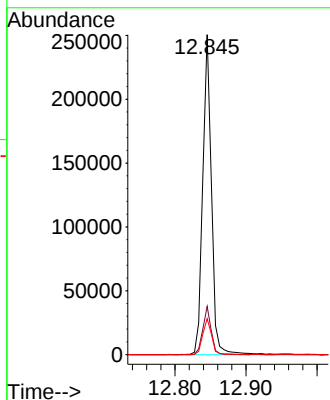
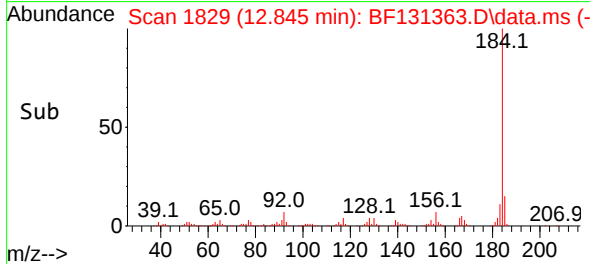
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 211442  
Ion Ratio Lower Upper  
184 100  
185 15.1 13.8 20.8  
183 11.2 9.6 14.4

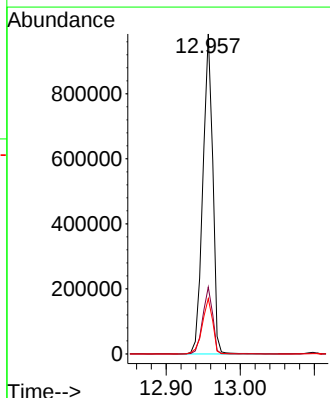
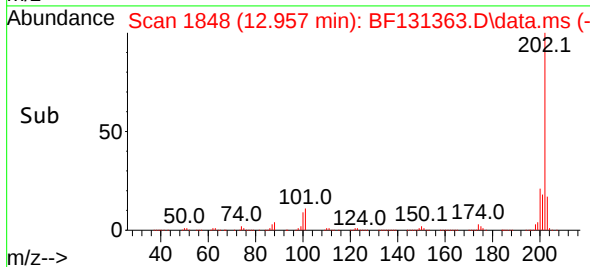
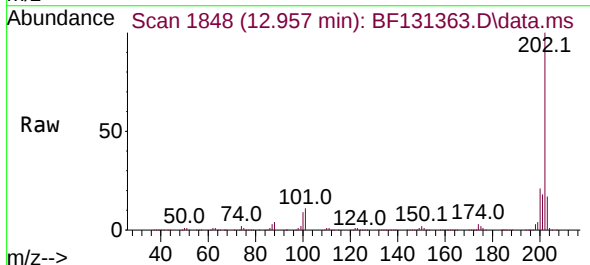
Manual Integrations  
APPROVED

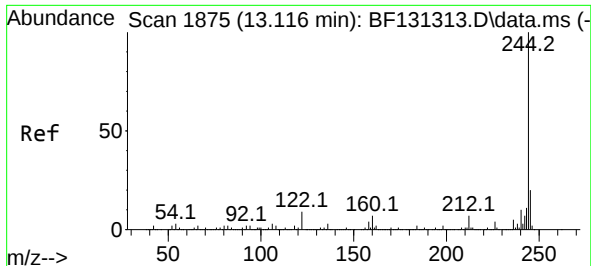
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#78  
Pyrene  
Concen: 38.086 ng  
RT: 12.957 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:202 Resp: 907093  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.9 25.3  
203 17.3 13.9 20.9





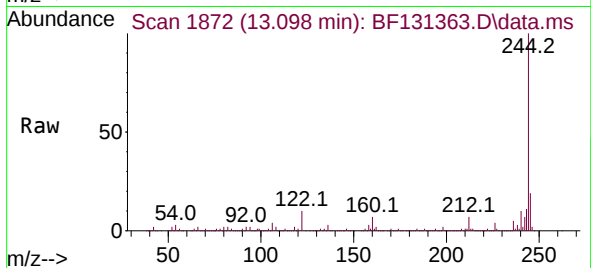
#79  
 Terphenyl-d14  
 Concen: 72.481 ng  
 RT: 13.098 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: BF131363.D  
 Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

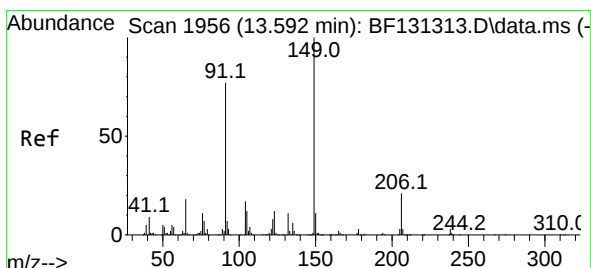
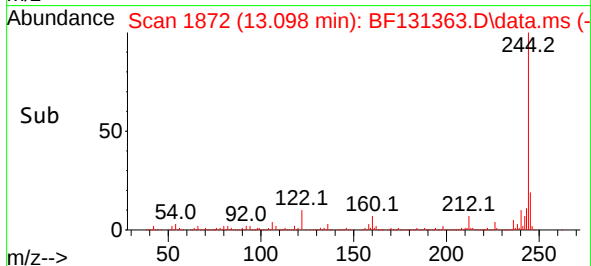
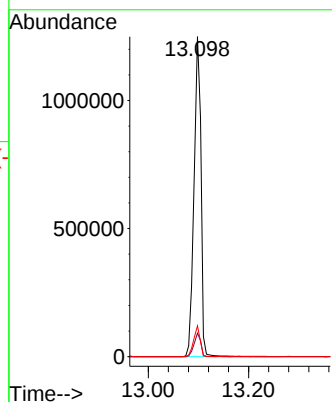


Tgt Ion:244 Resp: 1196480  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 9.6 7.5 11.3

Manual Integrations  
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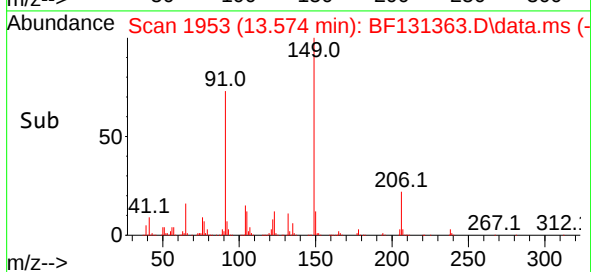
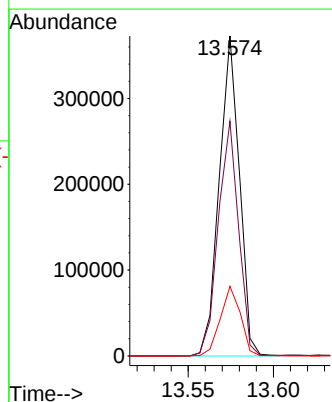
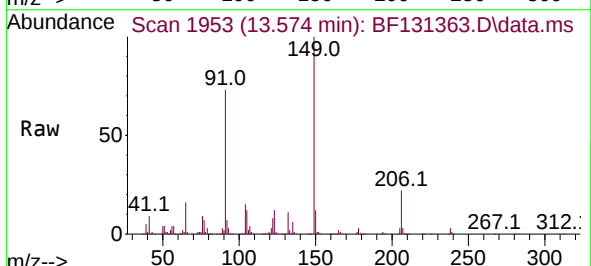
Reviewed By :Christian  
 Giraldo  
 11/25/2022

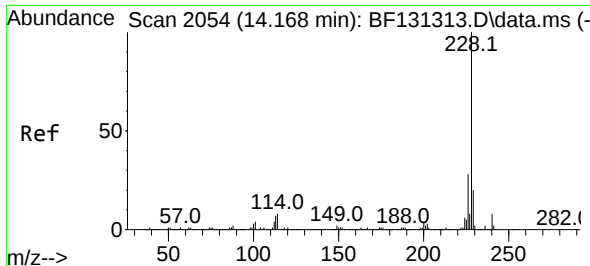
Supervised By :Jagrut  
 Upadhyay  
 11/25/2022



#80  
 Butylbenzylphthalate  
 Concen: 39.099 ng  
 RT: 13.574 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: BF131363.D  
 Acq: 23 Nov 2022 16:00

Tgt Ion:149 Resp: 306555  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 61.9 92.9  
 206 21.7 16.5 24.7





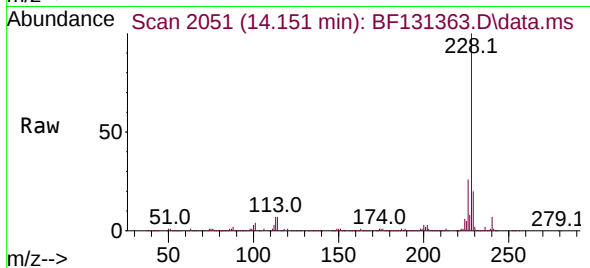
#81  
Benzo(a)anthracene  
Concen: 37.662 ng  
RT: 14.151 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

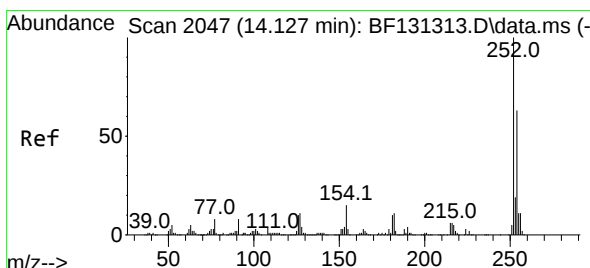
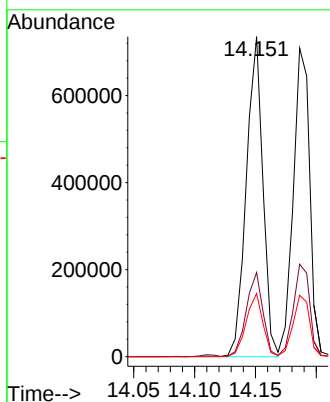
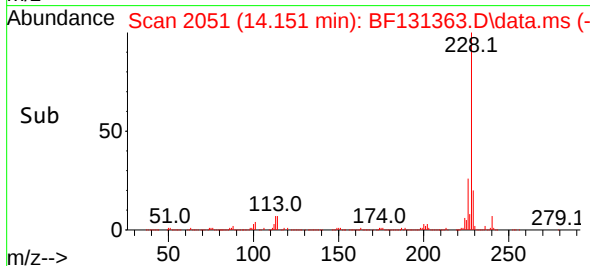


Tgt Ion:228 Resp: 696875  
Ion Ratio Lower Upper  
228 100  
226 26.3 22.0 33.0  
229 19.7 15.7 23.5

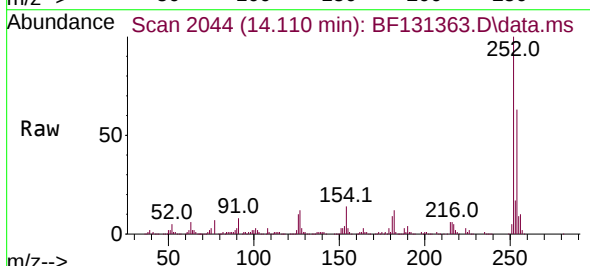
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
11/25/2022

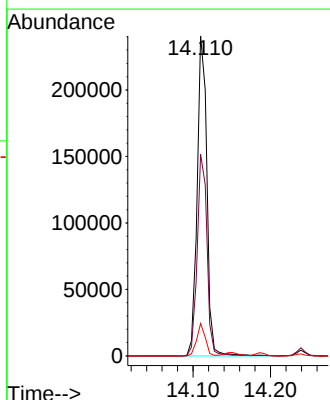
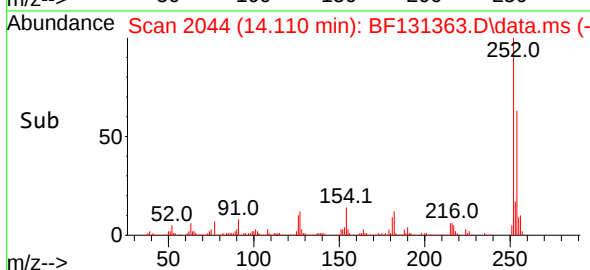
Supervised By :Jagrut  
Upadhyay  
11/25/2022

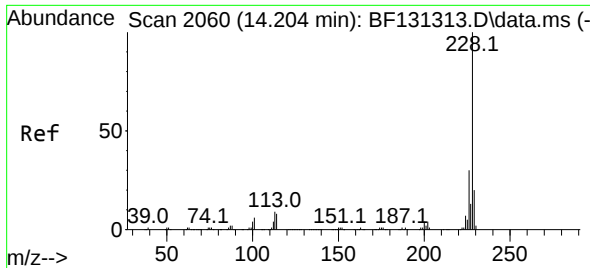


#82  
3,3'-Dichlorobenzidine  
Concen: 42.699 ng  
RT: 14.110 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



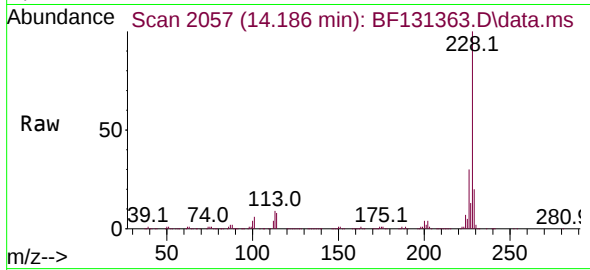
Tgt Ion:252 Resp: 209651  
Ion Ratio Lower Upper  
252 100  
254 63.0 50.8 76.2  
126 10.1 8.3 12.5





#83  
Chrysene  
Concen: 36.716 ng  
RT: 14.186 min Scan# 2060  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

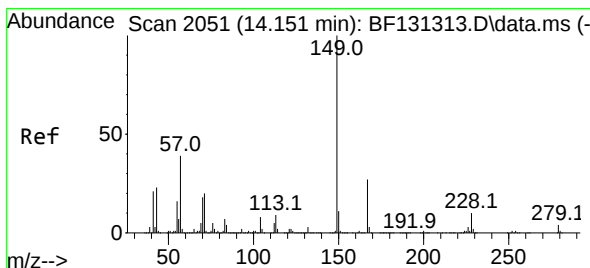
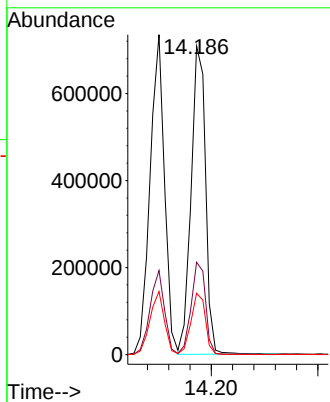
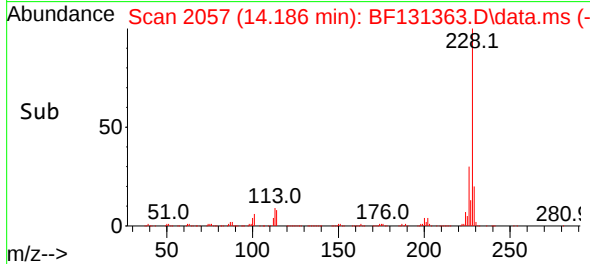
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



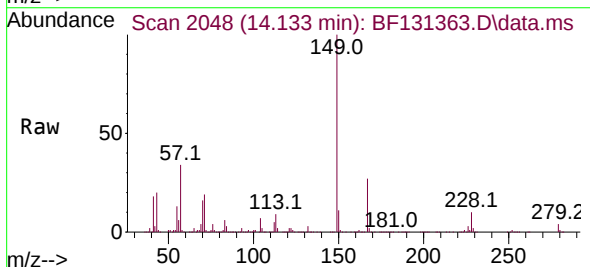
Tgt Ion:228 Resp: 666527  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.7 35.5  
229 19.9 16.2 24.4

Manual Integrations  
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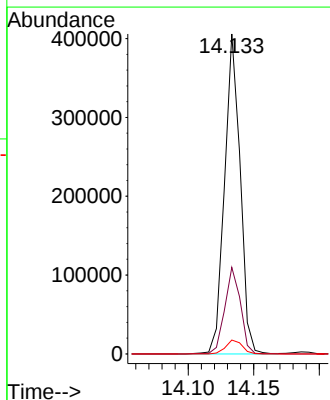
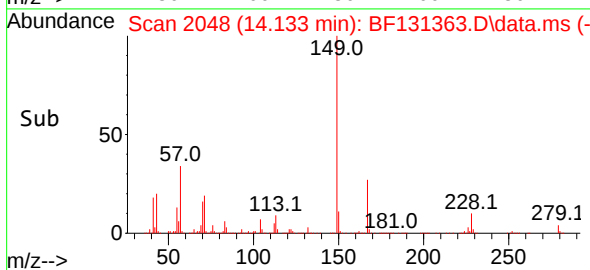
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

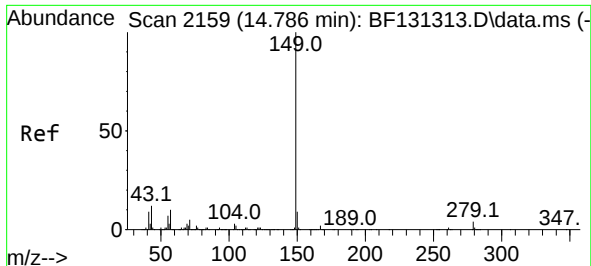


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 32.894 ng  
RT: 14.133 min Scan# 2048  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



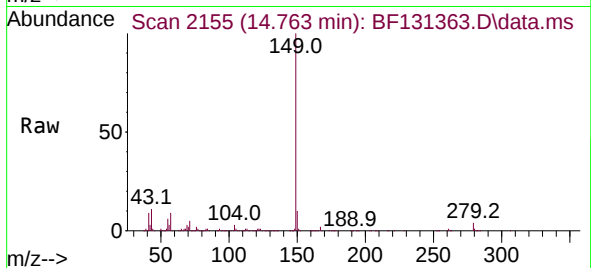
Tgt Ion:149 Resp: 336167  
Ion Ratio Lower Upper  
149 100  
167 27.0 21.9 32.9  
279 4.3 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 35.144 ng  
RT: 14.763 min Scan# 2155  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

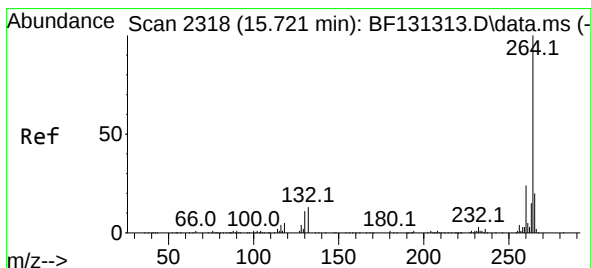
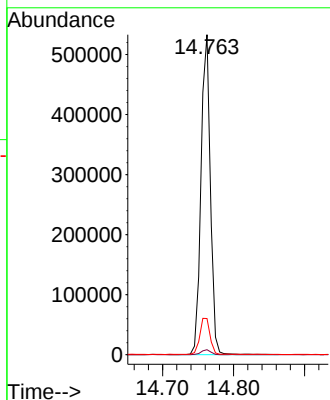
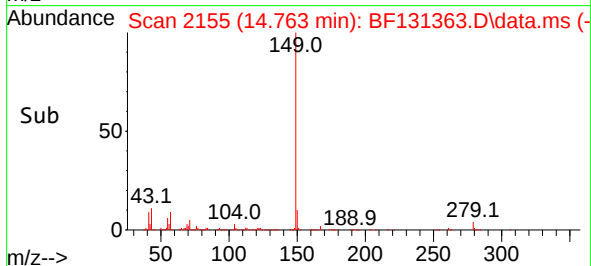
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



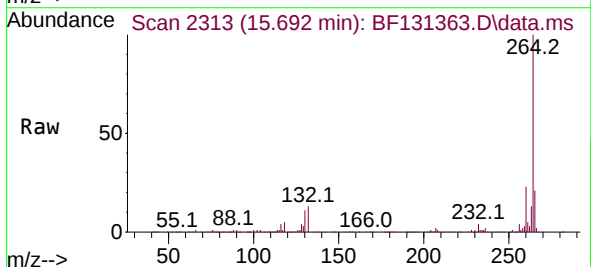
Tgt Ion:149 Resp: 484248  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.3 10.7 16.1

Manual Integrations  
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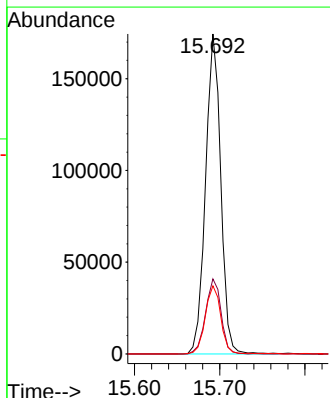
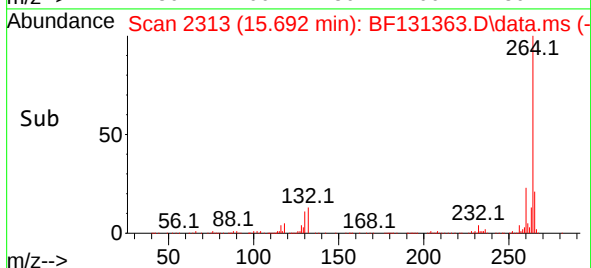
Reviewed By :Christian  
Giraldo  
11/25/2022  
Supervised By :Jagrut  
Upadhyay  
11/25/2022

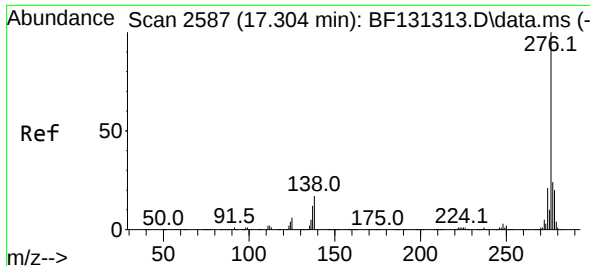


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.692 min Scan# 2313  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00



Tgt Ion:264 Resp: 215782  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.0 28.4  
265 21.3 16.4 24.6





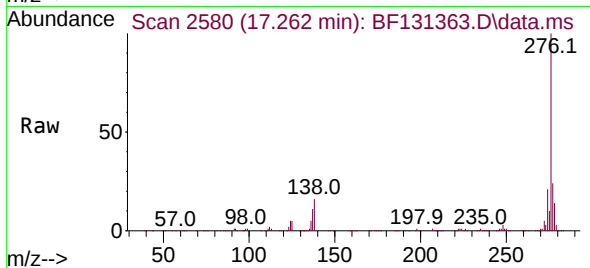
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.034 ng  
RT: 17.262 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

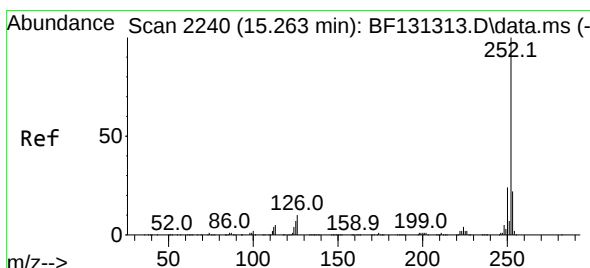
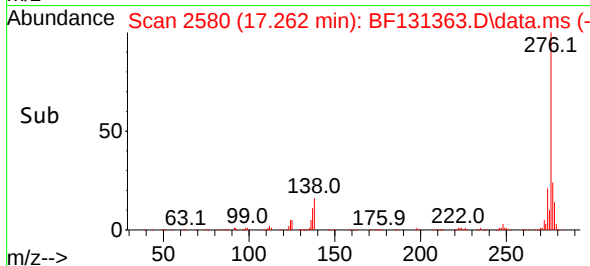
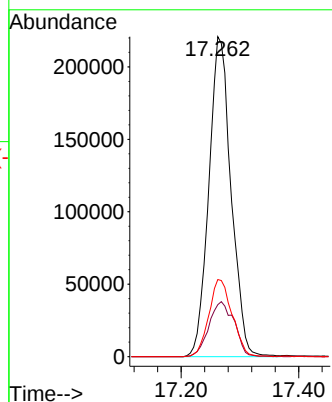


Tgt Ion:276 Resp: 580213  
Ion Ratio Lower Upper  
276 100  
138 19.5 15.8 23.6  
277 25.3 20.3 30.5

Manual Integrations  
APPROVED

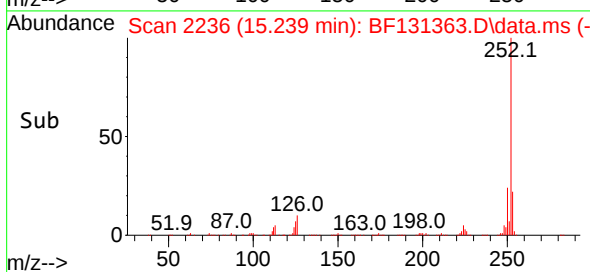
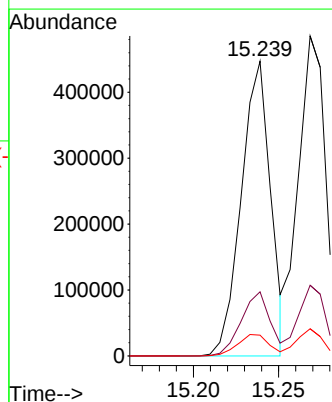
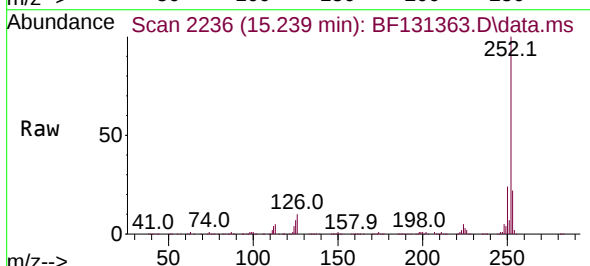
Reviewed By :Christian  
Giraldo  
11/25/2022

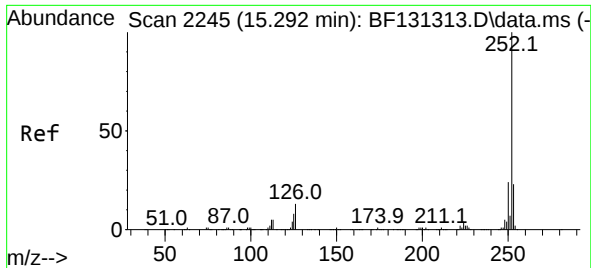
Supervised By :Jagrut  
Upadhyay  
11/25/2022



#88  
Benzo(b)fluoranthene  
Concen: 37.259 ng  
RT: 15.239 min Scan# 2236  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:252 Resp: 534106  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 7.1 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 37.300 ng

RT: 15.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131363.D

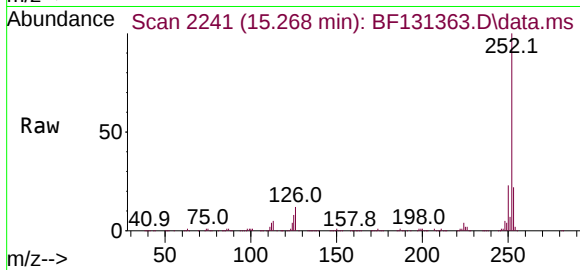
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



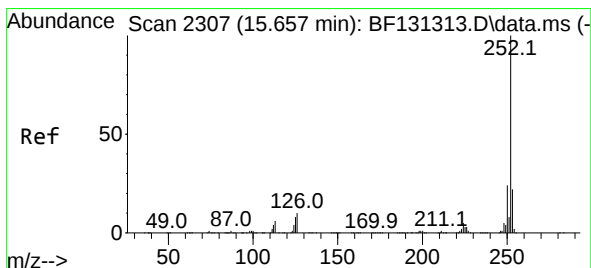
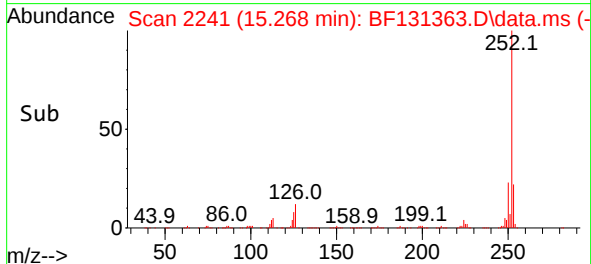
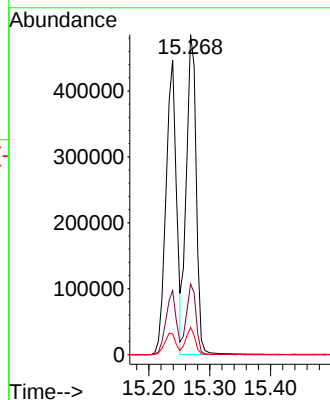
Tgt Ion:252 Resp: 549473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.9  | 26.9  |
| 125 | 8.5   | 6.6   | 10.0  |

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
11/25/2022

Supervised By :Jagrut  
Upadhyay  
11/25/2022



#90

Benzo(a)pyrene

Concen: 38.418 ng

RT: 15.627 min Scan# 2302

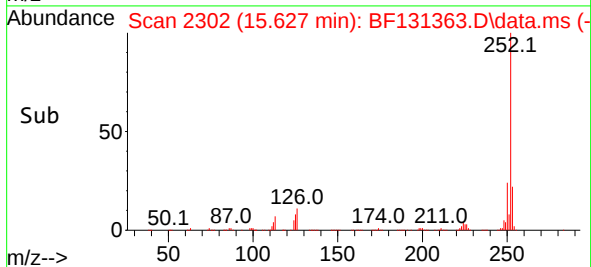
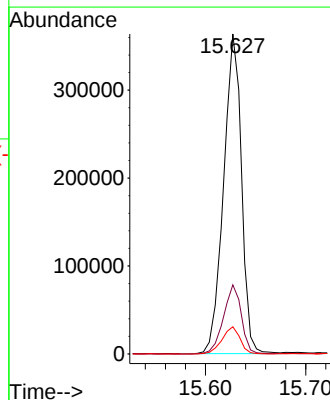
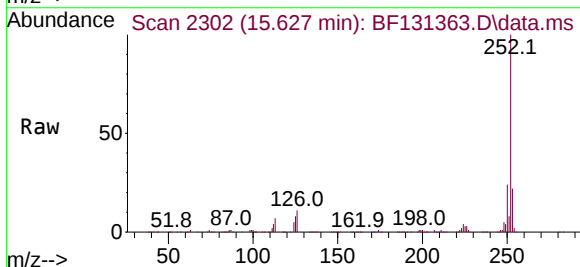
Delta R.T. 0.000 min

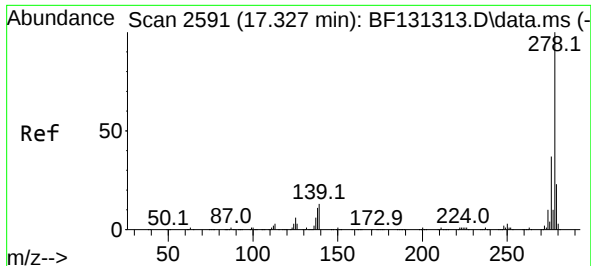
Lab File: BF131363.D

Acq: 23 Nov 2022 16:00

Tgt Ion:252 Resp: 451874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 17.5  | 26.3  |
| 125 | 8.5   | 6.1   | 9.1   |





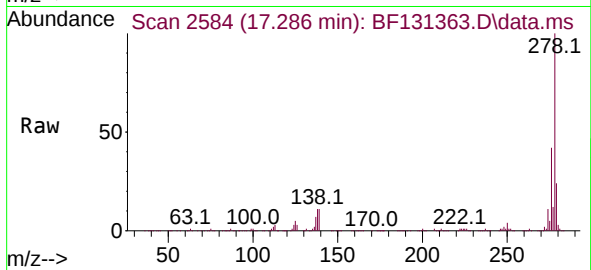
#91  
Dibenzo(a,h)anthracene  
Concen: 39.698 ng  
RT: 17.286 min Scan# 2591  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

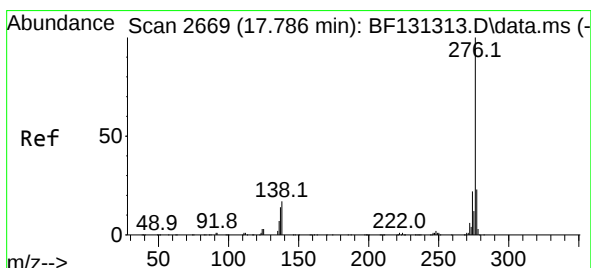
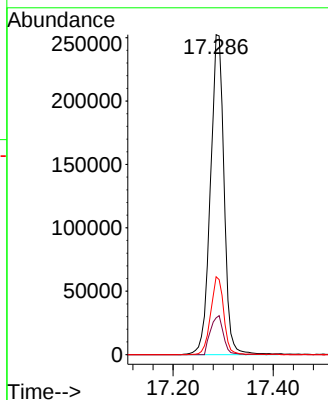
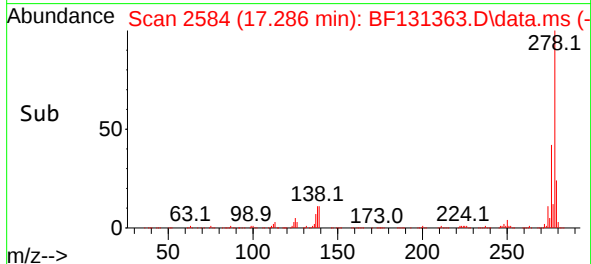


Tgt Ion:278 Resp: 475000  
Ion Ratio Lower Upper  
278 100  
139 11.5 10.4 15.6  
279 24.3 18.3 27.5

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo  
11/25/2022

Supervised By :Jagrut  
Upadhyay  
11/25/2022



#92  
Benzo(g,h,i)perylene  
Concen: 39.847 ng  
RT: 17.745 min Scan# 2662  
Delta R.T. 0.000 min  
Lab File: BF131363.D  
Acq: 23 Nov 2022 16:00

Tgt Ion:276 Resp: 475864  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.3 27.5  
138 17.6 13.8 20.6

