

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081822\  
 Data File : BF129883.D  
 Acq On : 18 Aug 2022 19:11  
 Operator : CG\JU  
 Sample : N4200-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S13MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/19/2022  
 Supervised By : Jagrut Upadhyay 08/19/2022

Quant Time: Aug 19 01:01:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 18 12:03:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 125077   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.075  | 136  | 496834   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 253456   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.327 | 188  | 399638   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 233527   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.433 | 264  | 265024   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 921722   | 122.012 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.457  | 99   | 1055364  | 111.559 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.363  | 82   | 794099   | 85.561  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.633 | 330  | 328251   | 129.039 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1443548  | 86.503  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.910 | 244  | 1300367  | 92.654  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 127401   | 40.878  | ng    | # 84     |
| 3) Pyridine                   | 3.451  | 79   | 266970   | 32.733  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 176301   | 46.904  | ng    | 97       |
| 6) Aniline                    | 6.463  | 93   | 234485   | 21.748  | ng    | # 47     |
| 8) 2-Chlorophenol             | 6.592  | 128  | 390498   | 46.434  | ng    | 98       |
| 9) Benzaldehyde               | 6.351  | 77   | 137440   | 24.547  | ng    | 99       |
| 10) Phenol                    | 6.469  | 94   | 405551   | 39.082  | ng    | # 78     |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 388548   | 49.308  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 377824   | 41.615  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 384551   | 41.454  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 368439   | 42.763  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.951  | 79   | 334392   | 46.822  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 493792   | 46.765  | ng    | 95       |
| 17) 2-Methylphenol            | 7.069  | 107  | 298135   | 44.151  | ng    | 98       |
| 18) Hexachloroethane          | 7.298  | 117  | 145611   | 41.799  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 280218   | 46.862  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 389741   | 42.998  | ng    | 97       |
| 22) Acetophenone              | 7.210  | 105  | 563036   | 46.504  | ng    | 98       |
| 24) Nitrobenzene              | 7.381  | 77   | 414615   | 44.303  | ng    | 95       |
| 25) Isophorone                | 7.622  | 82   | 751401   | 47.038  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.698  | 139  | 210230   | 45.669  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.739  | 122  | 330000   | 49.987  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 463546   | 49.699  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 323530   | 44.818  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.016  | 180  | 317782   | 41.728  | ng    | 99       |
| 31) Naphthalene               | 8.098  | 128  | 1107394  | 42.629  | ng    | 100      |
| 32) Benzoic acid              | 7.892  | 122  | 142909   | 48.149  | ng    | 90       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 212307   | 20.783  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 192473   | 41.507  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 78309m   | 34.884  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 347650   | 44.641  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 738105   | 43.291  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 709888   | 42.842  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.957  | 216  | 325554   | 46.182  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 193885   | 83.005  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.081  | 196  | 214476   | 46.827  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081822\  
 Data File : BF129883.D  
 Acq On : 18 Aug 2022 19:11  
 Operator : CG\JU  
 Sample : N4200-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S13MS

Manual Integrations  
 APPROVED

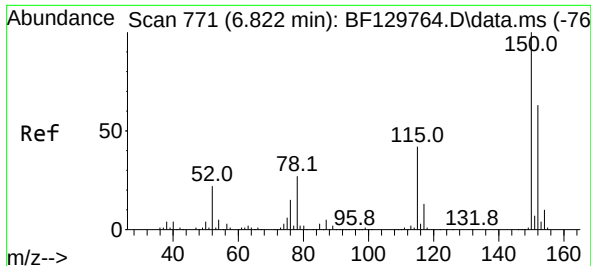
Reviewed By : Christian Giraldo 08/19/2022  
 Supervised By : Jagrut Upadhyay 08/19/2022

Quant Time: Aug 19 01:01:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 18 12:03:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 224279   | 45.514  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 909236   | 47.221  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.281  | 162  | 692737   | 45.470  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 214778   | 44.610  | ng    | 100      |
| 49) Acenaphthylene            | 9.698  | 152  | 1041712  | 45.091  | ng    | 99       |
| 50) Dimethylphthalate         | 9.557  | 163  | 808524   | 44.499  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.628  | 165  | 179670   | 45.586  | ng    | 96       |
| 52) Acenaphthene              | 9.869  | 154  | 635948   | 45.372  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.804  | 138  | 110643   | 25.384  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 147578   | 82.624  | ng    | 95       |
| 55) Dibenzofuran              | 10.039 | 168  | 945505   | 44.901  | ng    | 97       |
| 56) 4-Nitrophenol             | 9.992  | 139  | 154284   | 79.565  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 226259   | 44.222  | ng    | 92       |
| 58) Fluorene                  | 10.386 | 166  | 765593   | 43.543  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 167750   | 46.388  | ng    | # 81     |
| 60) Diethylphthalate          | 10.257 | 149  | 785459   | 43.355  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.375 | 204  | 354573   | 44.938  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 163365m  | 37.152  | ng    |          |
| 63) Azobenzene                | 10.533 | 77   | 754314   | 43.559  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 102543   | 43.708  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.498 | 169  | 640953   | 47.518  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248  | 221562   | 47.334  | ng    | 100      |
| 68) Hexachlorobenzene         | 10.933 | 284  | 242145   | 47.757  | ng    | 97       |
| 69) Atrazine                  | 11.027 | 200  | 198969   | 48.060  | ng    | 99       |
| 70) Pentachlorophenol         | 11.139 | 266  | 163420   | 105.740 | ng    | 96       |
| 71) Phenanthrene              | 11.351 | 178  | 1002783  | 44.928  | ng    | 100      |
| 72) Anthracene                | 11.404 | 178  | 1020601  | 45.982  | ng    | 100      |
| 73) Carbazole                 | 11.563 | 167  | 877742   | 43.564  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 1162039  | 44.812  | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 930697   | 40.750  | ng    | 98       |
| 78) Pyrene                    | 12.769 | 202  | 916523   | 45.164  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.380 | 149  | 394414   | 45.931  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 719833   | 44.809  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.921 | 252  | 189516   | 38.092  | ng    | 99       |
| 83) Chrysene                  | 13.998 | 228  | 673125   | 44.763  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 543142   | 53.314  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.545 | 149  | 843533   | 59.980  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.909 | 276  | 929403   | 51.082  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.010 | 252  | 792942   | 43.694  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 747190   | 42.933  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.374 | 252  | 688102   | 48.149  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 807170   | 53.767  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 801639   | 53.524  | ng    | 98       |

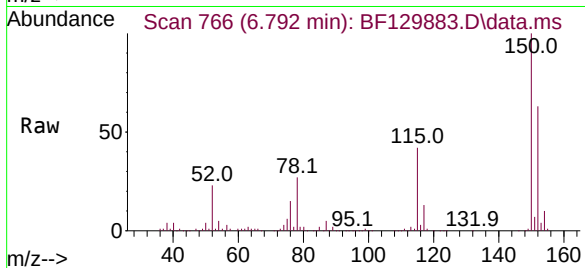
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.792 min Scan# 70  
 Delta R.T. 0.000 min  
 Lab File: BF129883.D  
 Acq: 18 Aug 2022 19:11

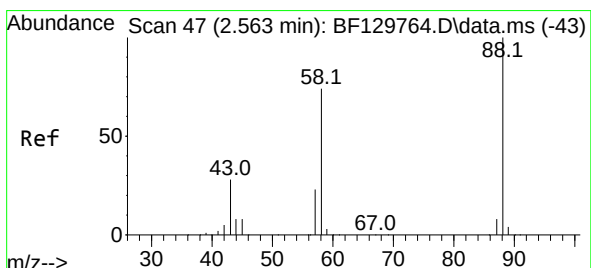
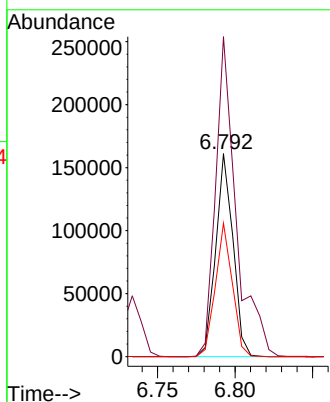
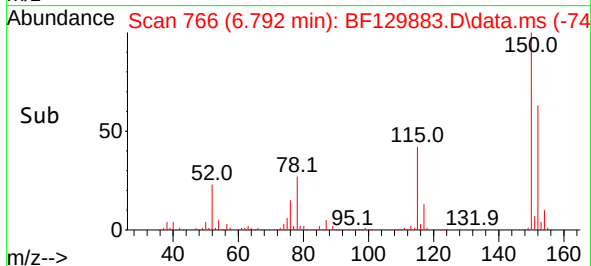
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S13MS



Tgt Ion: 152 Resp: 125072  
 Ion Ratio Lower Upper  
 152 100  
 150 157.6 126.9 190.3  
 115 65.7 53.4 80.0

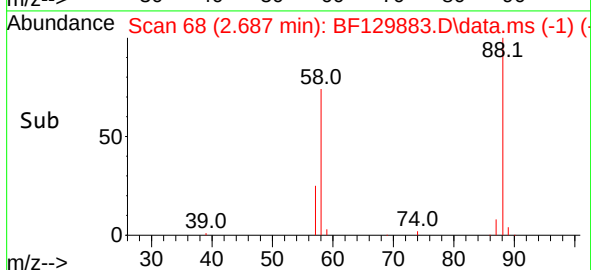
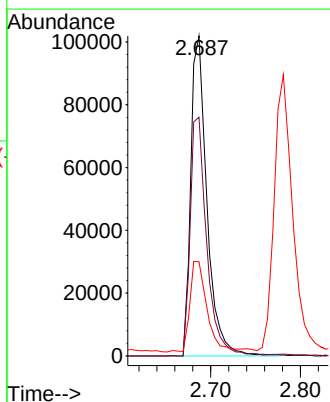
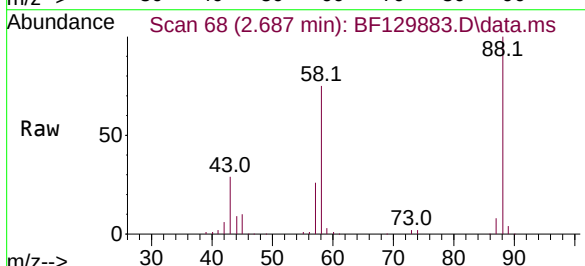
Manual Integrations  
 APPROVED

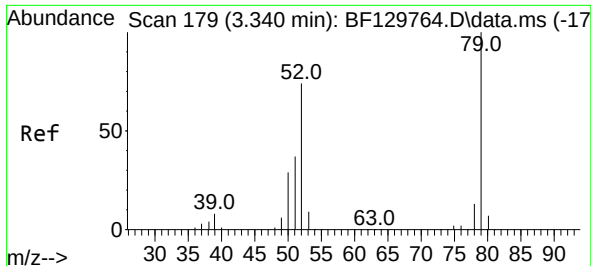
Reviewed By : Christian Giraldo 08/19/2022  
 Supervised By : Jagrut Upadhyay 08/19/2022



#2  
 1,4-Dioxane  
 Concen: 40.878 ng  
 RT: 2.687 min Scan# 68  
 Delta R.T. 0.188 min  
 Lab File: BF129883.D  
 Acq: 18 Aug 2022 19:11

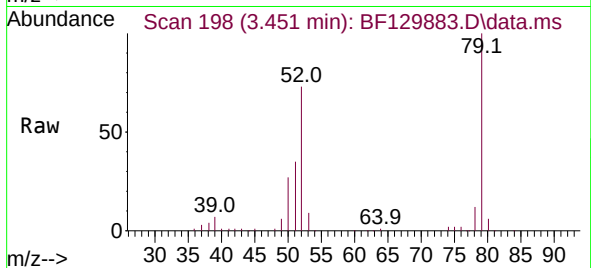
Tgt Ion: 88 Resp: 127401  
 Ion Ratio Lower Upper  
 88 100  
 58 76.4 60.9 91.3  
 43 0.0 23.6 35.4





#3  
Pyridine  
Concen: 32.733 ng  
RT: 3.451 min Scan# 19  
Delta R.T. 0.182 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

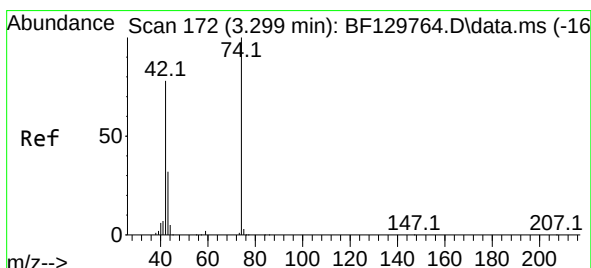
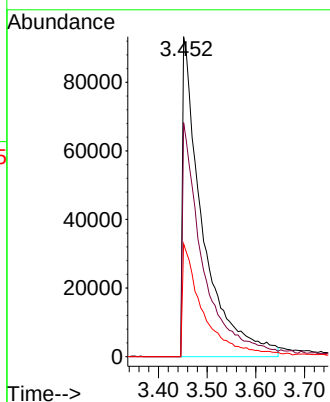
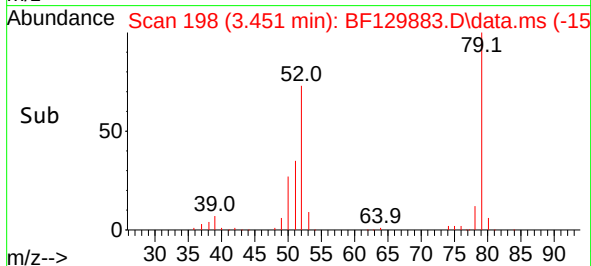
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



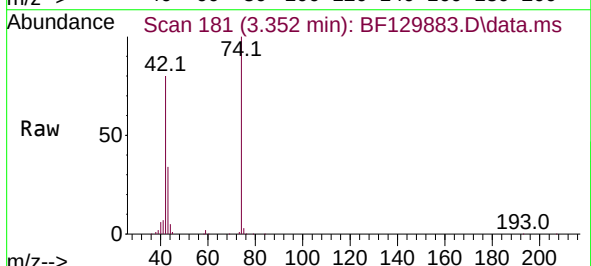
Tgt Ion: 79 Resp: 266970  
Ion Ratio Lower Upper  
79 100  
52 73.1 59.4 89.2  
51 35.2 29.5 44.3

Manual Integrations  
APPROVED

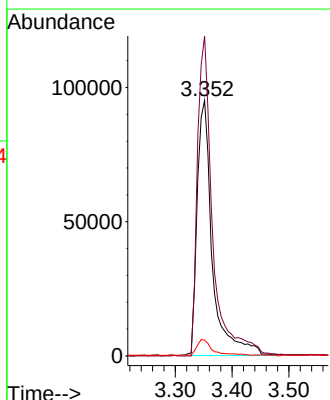
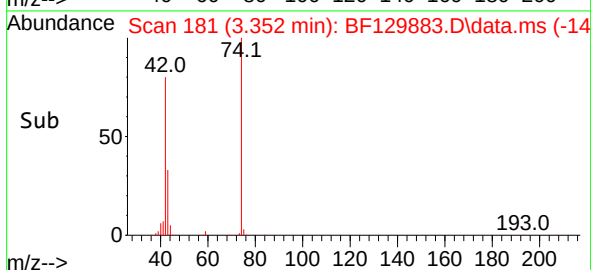
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

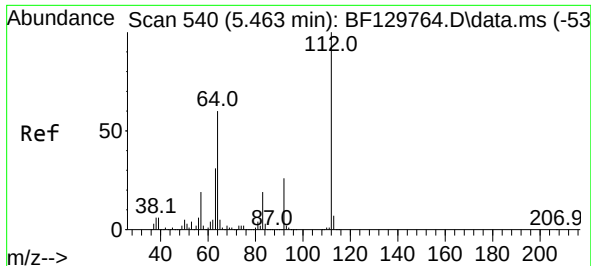


#4  
n-Nitrosodimethylamine  
Concen: 46.904 ng  
RT: 3.352 min Scan# 181  
Delta R.T. 0.124 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



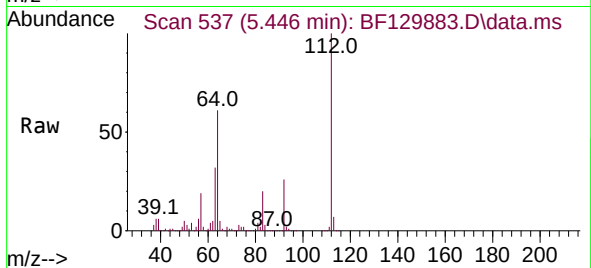
Tgt Ion: 42 Resp: 176301  
Ion Ratio Lower Upper  
42 100  
74 125.3 103.1 154.7  
44 6.2 5.4 8.2





#5  
2-Fluorophenol  
Concen: 122.012 ng  
RT: 5.446 min Scan# 537  
Delta R.T. 0.018 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

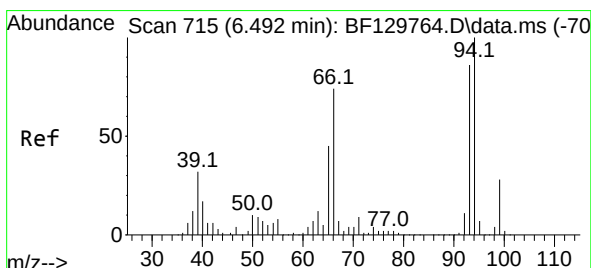
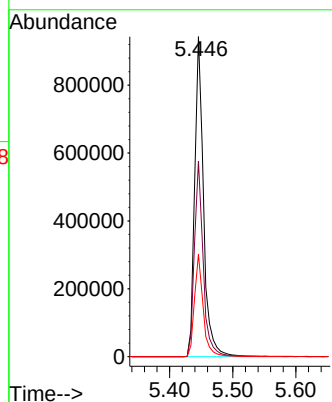
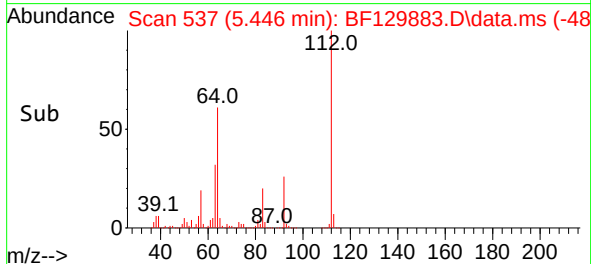
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:112 Resp: 921722  
Ion Ratio Lower Upper  
112 100  
64 61.1 47.6 71.4  
63 32.0 24.6 37.0

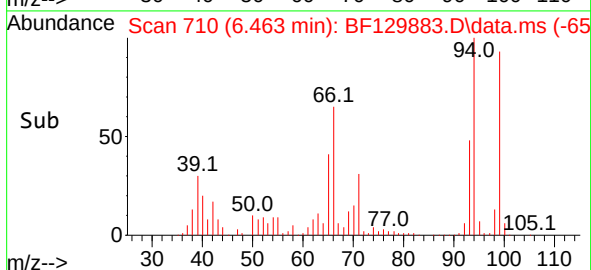
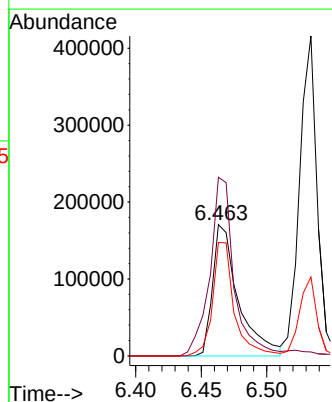
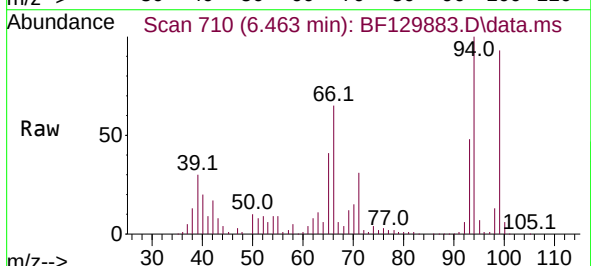
Manual Integrations  
APPROVED

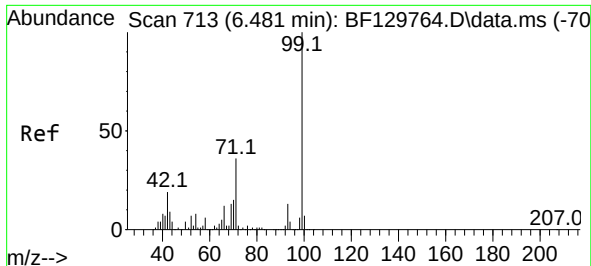
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#6  
Aniline  
Concen: 21.748 ng  
RT: 6.463 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

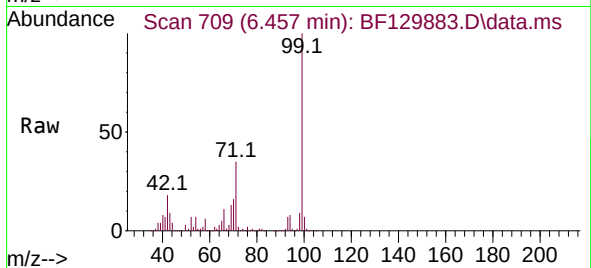
Tgt Ion: 93 Resp: 234485  
Ion Ratio Lower Upper  
93 100  
66 136.2 68.7 103.1#  
65 86.3 41.6 62.4#





#7  
Phenol-d6  
Concen: 111.559 ng  
RT: 6.457 min Scan# 709  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

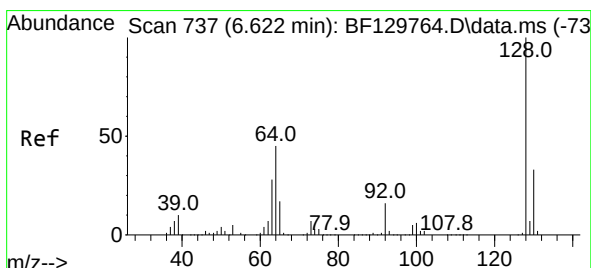
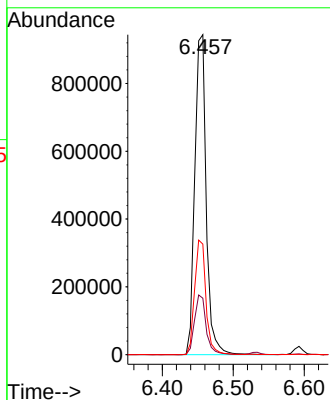
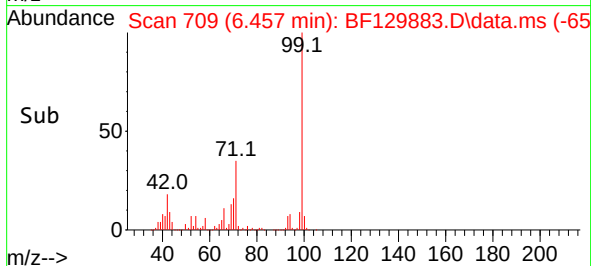
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion: 99 Resp: 1055364  
Ion Ratio Lower Upper  
99 100  
42 17.6 15.0 22.4  
71 34.5 28.8 43.2

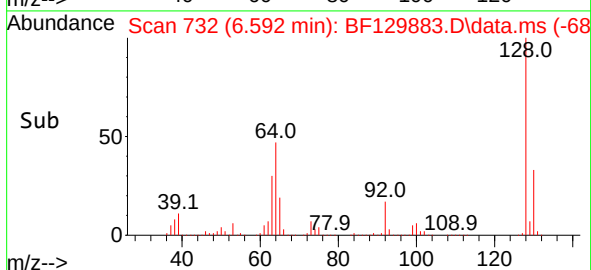
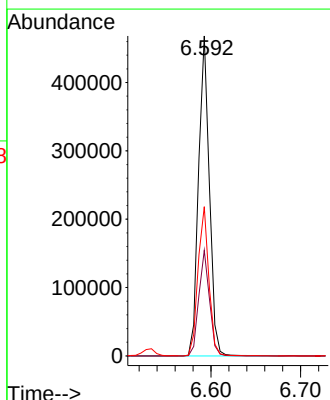
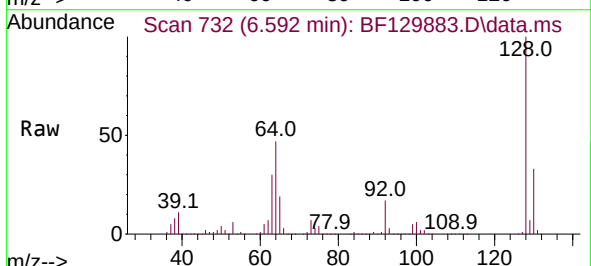
Manual Integrations  
APPROVED

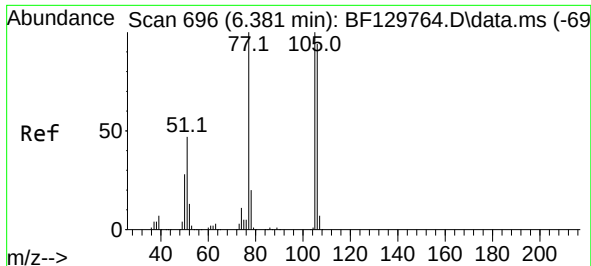
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#8  
2-Chlorophenol  
Concen: 46.434 ng  
RT: 6.592 min Scan# 732  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

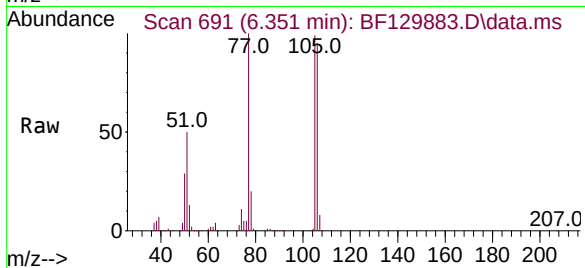
Tgt Ion:128 Resp: 390498  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.5 52.5  
64 46.7 24.9 64.9





#9  
Benzaldehyde  
Concen: 24.547 ng  
RT: 6.351 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

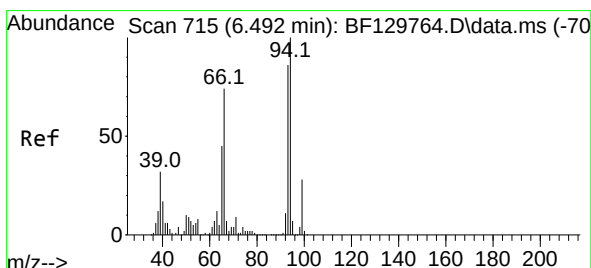
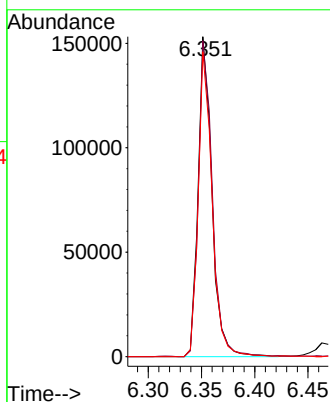
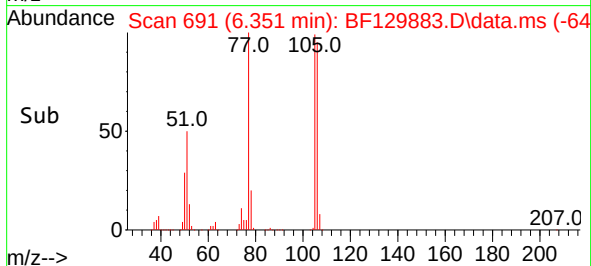
Instrument :  
BNA\_F  
Client SampleId :  
S13MS



Tgt Ion: 77 Resp: 137440  
Ion Ratio Lower Upper  
77 100  
105 98.7 80.3 120.3  
106 95.3 74.3 114.3

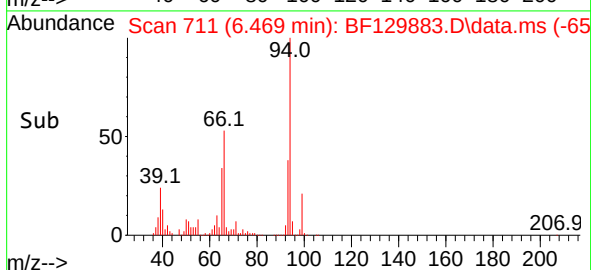
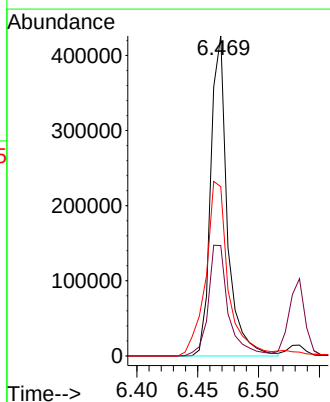
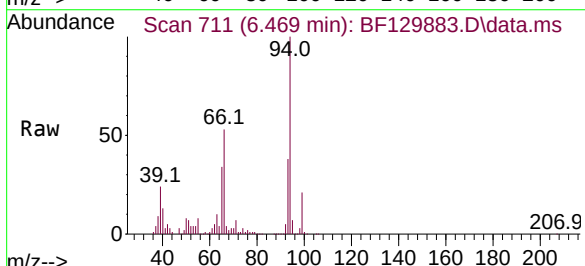
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

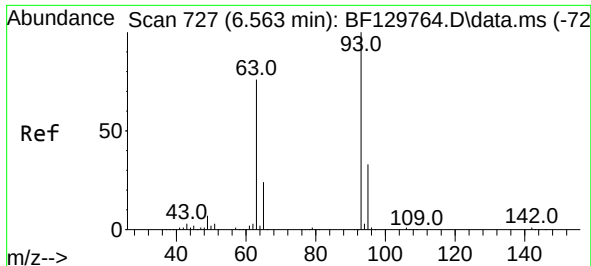


#10  
Phenol  
Concen: 39.082 ng  
RT: 6.469 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion: 94 Resp: 405551  
Ion Ratio Lower Upper  
94 100  
65 34.5 24.9 64.9  
66 52.9 54.2 94.2#







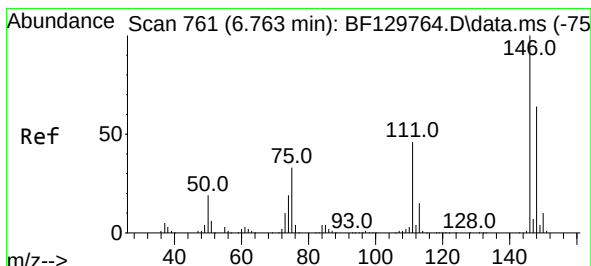
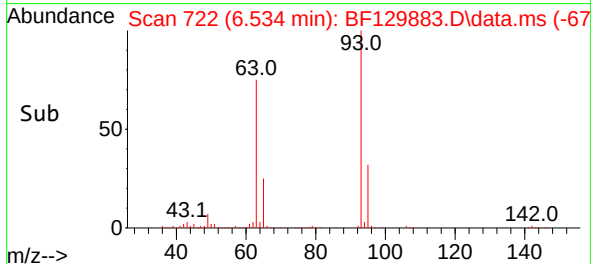
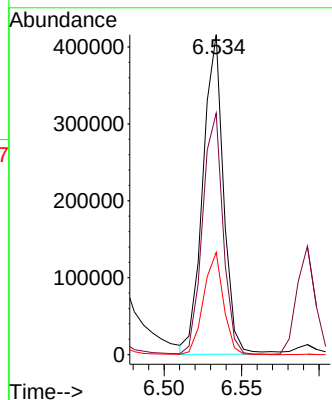
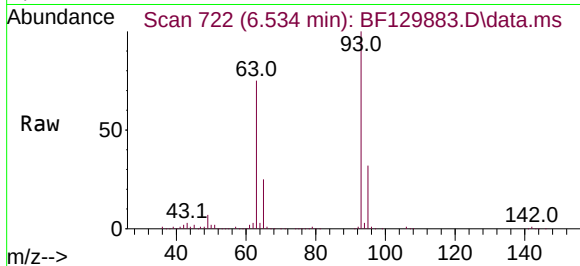
#11  
bis(2-Chloroethyl)ether  
Concen: 49.308 ng  
RT: 6.534 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

Tgt Ion: 93 Resp: 388548  
Ion Ratio Lower Upper  
93 100  
63 75.4 55.9 95.9  
95 31.9 12.3 52.3

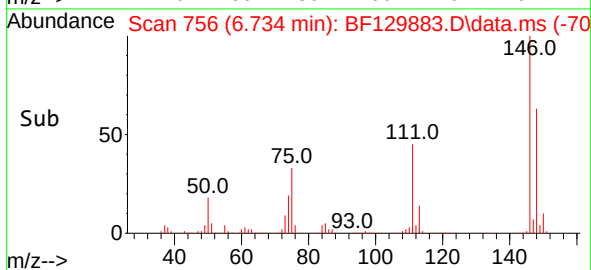
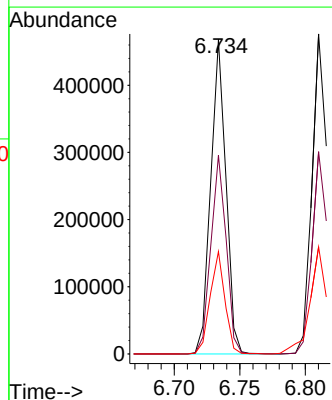
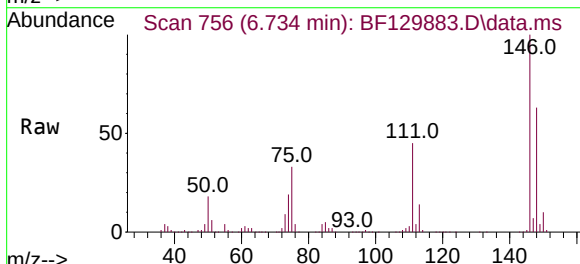
Manual Integrations  
APPROVED

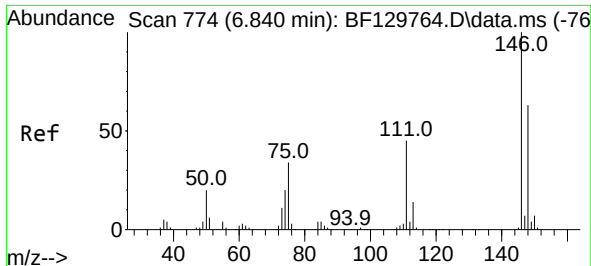
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#12  
1,3-Dichlorobenzene  
Concen: 41.615 ng  
RT: 6.734 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:146 Resp: 377824  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.2 76.8  
75 32.6 26.5 39.7





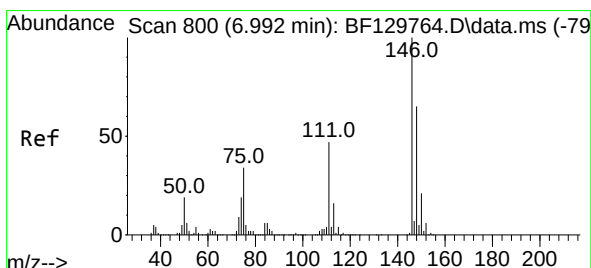
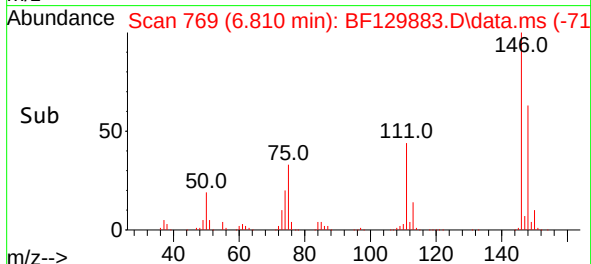
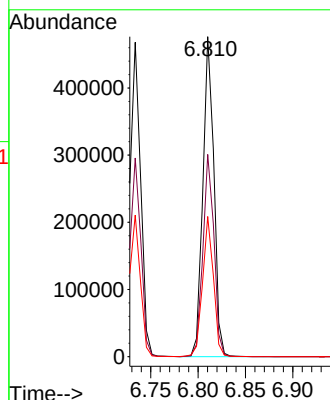
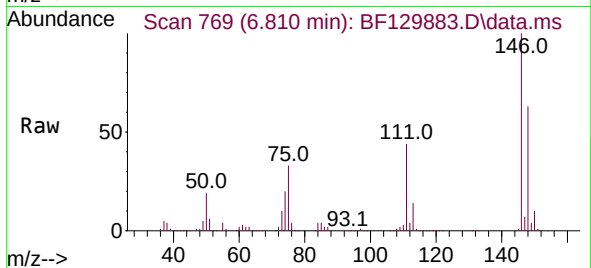
#13  
1,4-Dichlorobenzene  
Concen: 41.454 ng  
RT: 6.810 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

Tgt Ion:146 Resp: 38455  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.6 75.8  
111 43.8 36.2 54.4

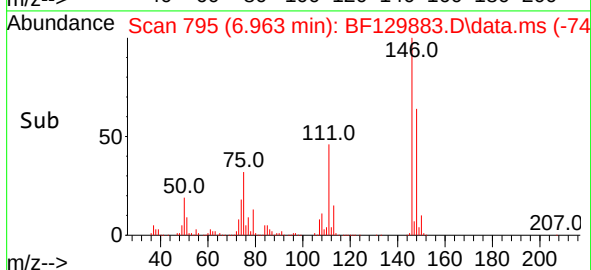
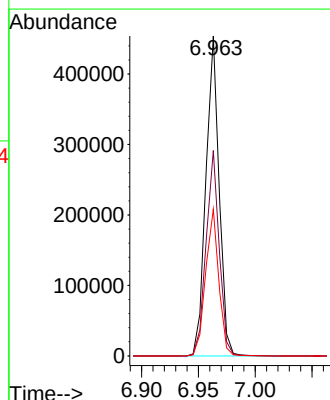
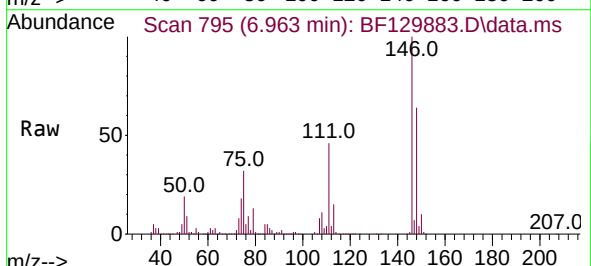
Manual Integrations  
APPROVED

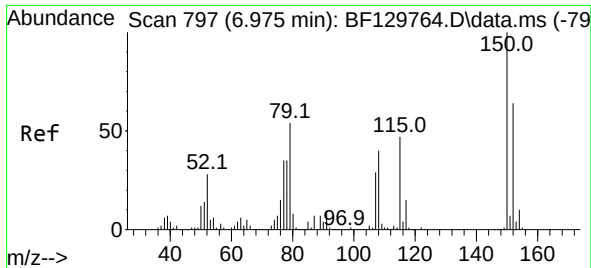
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#14  
1,2-Dichlorobenzene  
Concen: 42.763 ng  
RT: 6.963 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

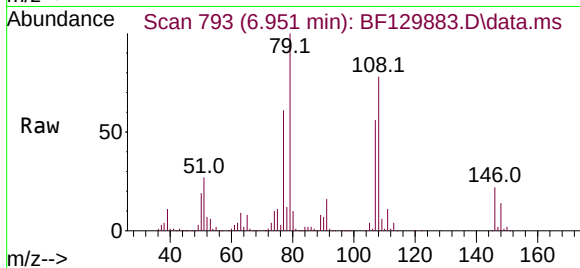
Tgt Ion:146 Resp: 368439  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.6  
111 45.8 37.2 55.8





#15  
Benzyl Alcohol  
Concen: 46.822 ng  
RT: 6.951 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

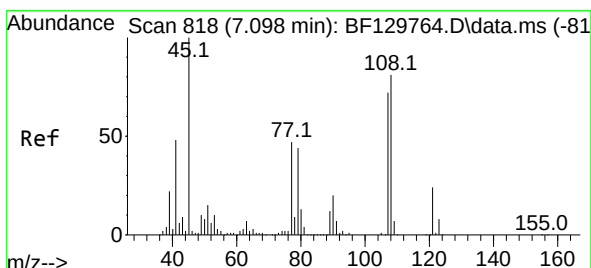
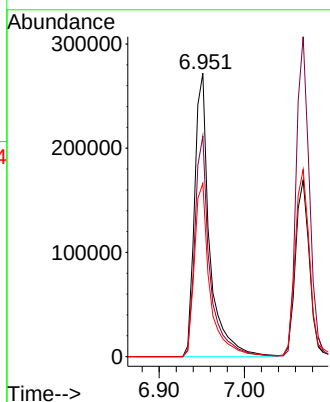
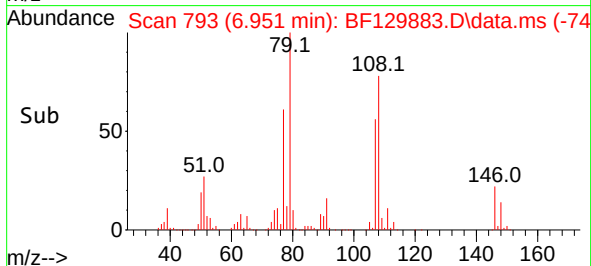
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion: 79 Resp: 334392  
Ion Ratio Lower Upper  
79 100  
108 77.9 59.2 88.8  
77 61.1 51.9 77.9

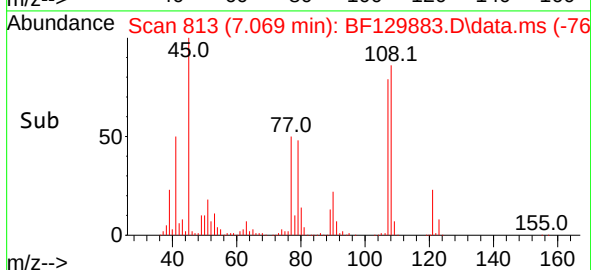
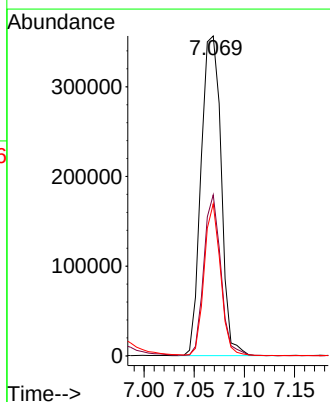
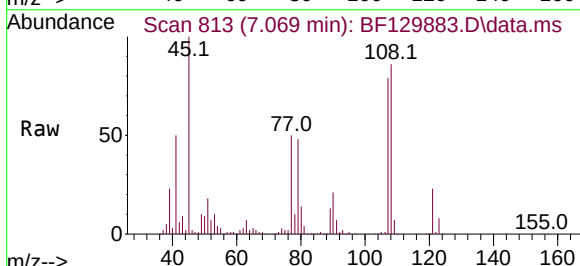
Manual Integrations  
APPROVED

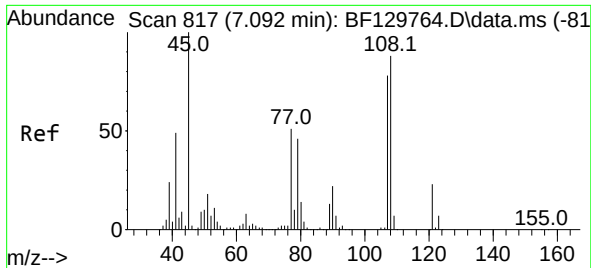
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.765 ng  
RT: 7.069 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

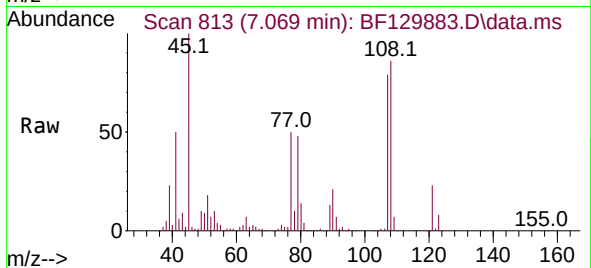
Tgt Ion: 45 Resp: 493792  
Ion Ratio Lower Upper  
45 100  
77 50.3 27.4 67.4  
79 47.5 24.4 64.4





#17  
2-Methylphenol  
Concen: 44.151 ng  
RT: 7.069 min Scan# 817  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

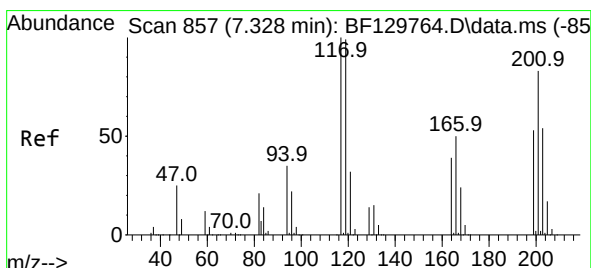
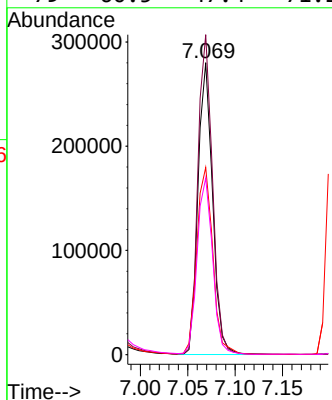
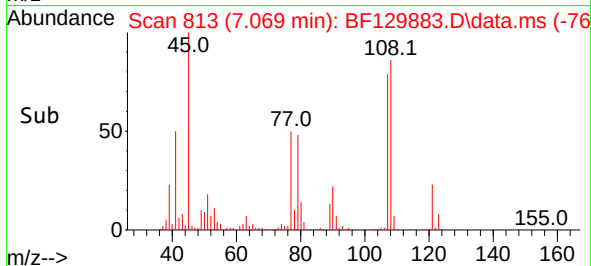
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:107 Resp: 298135  
Ion Ratio Lower Upper  
107 100  
108 109.6 90.2 135.2  
77 64.1 51.8 77.8  
79 60.5 47.4 71.2

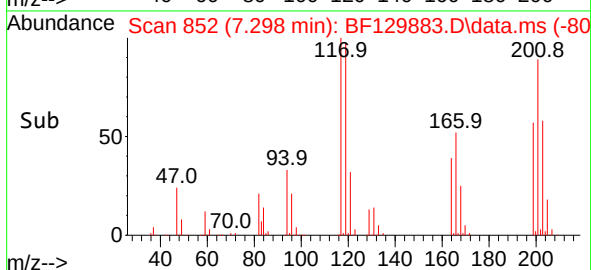
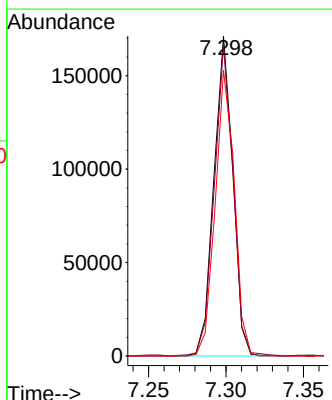
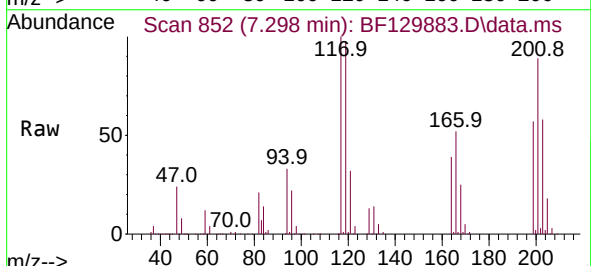
Manual Integrations  
APPROVED

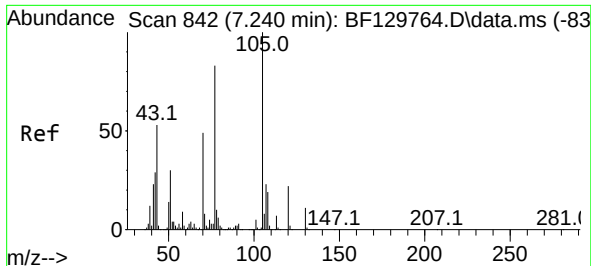
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#18  
Hexachloroethane  
Concen: 41.799 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

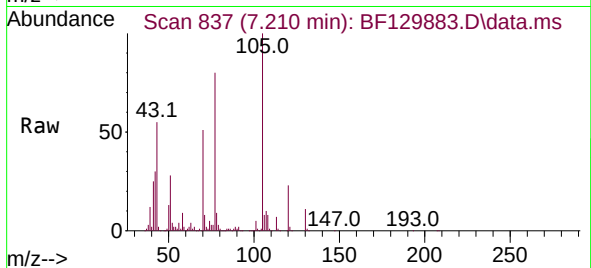
Tgt Ion:117 Resp: 145611  
Ion Ratio Lower Upper  
117 100  
119 97.2 79.1 118.7  
201 89.3 66.6 100.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 46.862 ng  
RT: 7.210 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

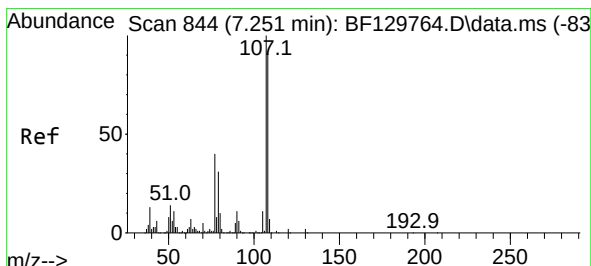
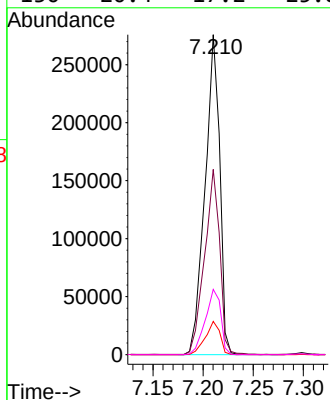
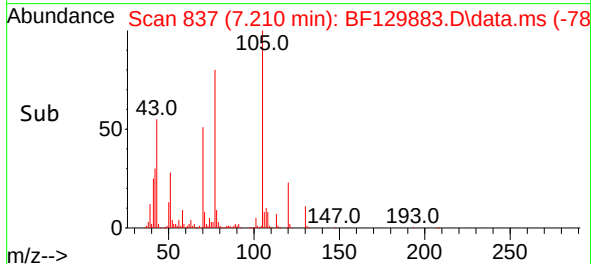
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion: 70 Resp: 280218  
Ion Ratio Lower Upper  
70 100  
42 57.9 47.6 71.4  
101 10.4 8.1 12.1  
130 20.4 17.2 25.8

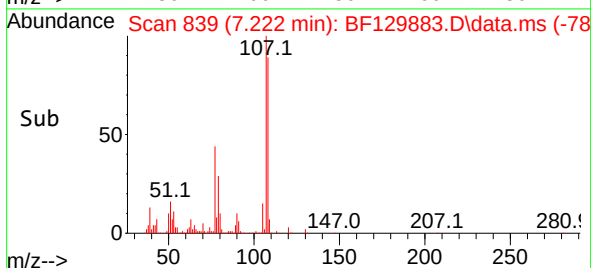
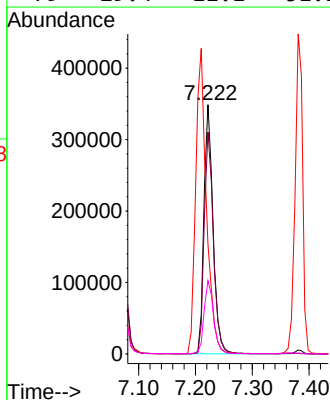
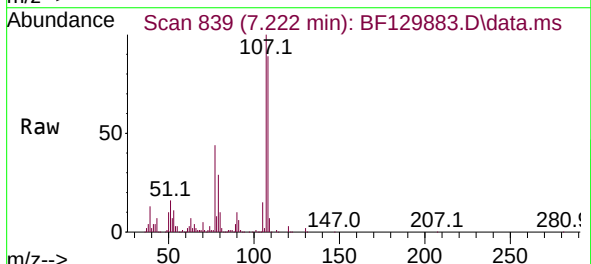
Manual Integrations  
APPROVED

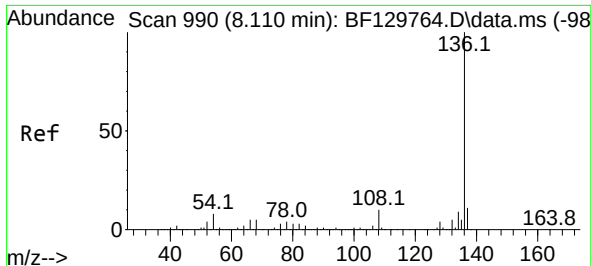
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#20  
3+4-Methylphenols  
Concen: 42.998 ng  
RT: 7.222 min Scan# 839  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

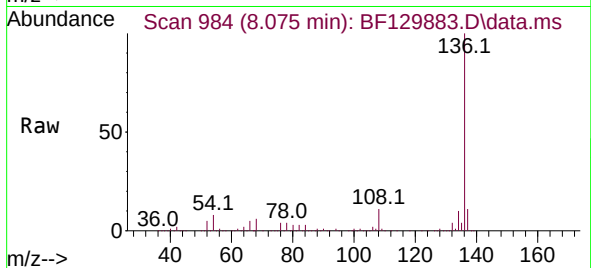
Tgt Ion:107 Resp: 389741  
Ion Ratio Lower Upper  
107 100  
108 89.0 71.3 111.3  
77 43.9 20.4 60.4  
79 29.4 11.1 51.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

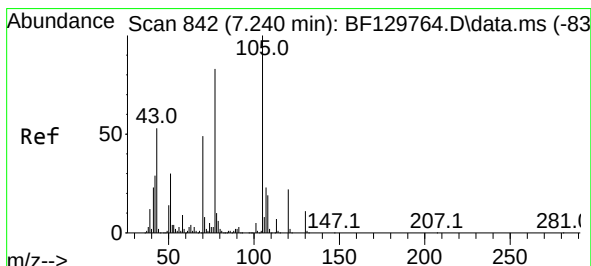
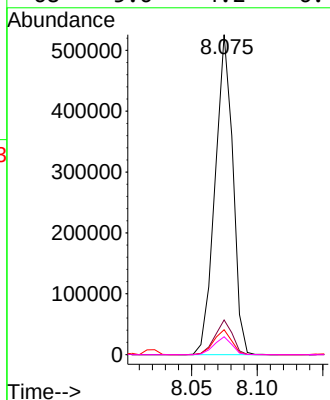
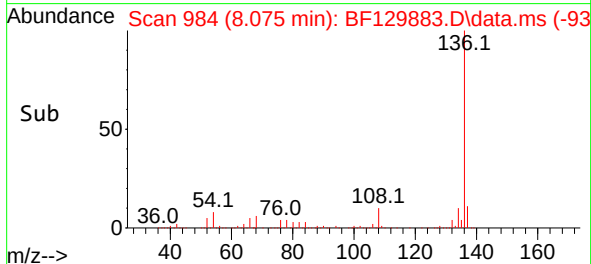
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



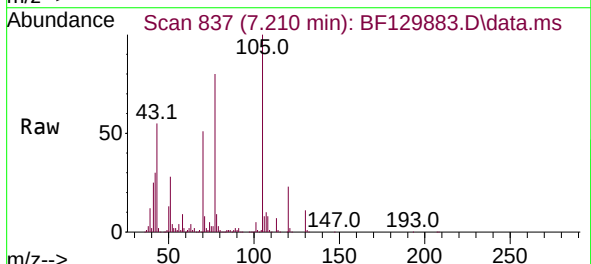
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 496834 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.4 12.6     |
| 54 7.8      | 6.2 9.2      |
| 68 5.6      | 4.2 6.4      |

Manual Integrations  
APPROVED

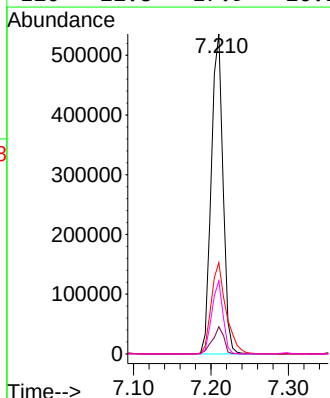
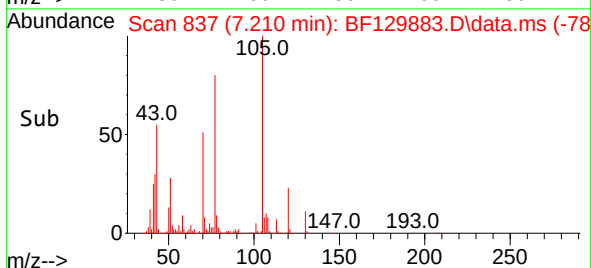
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

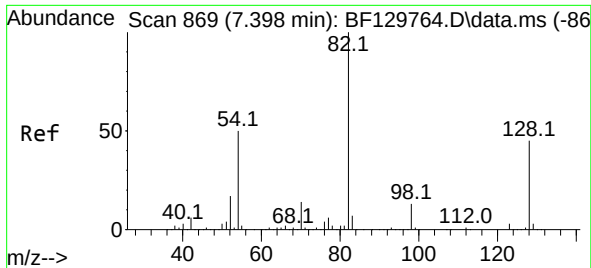


#22  
Acetophenone  
Concen: 46.504 ng  
RT: 7.210 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



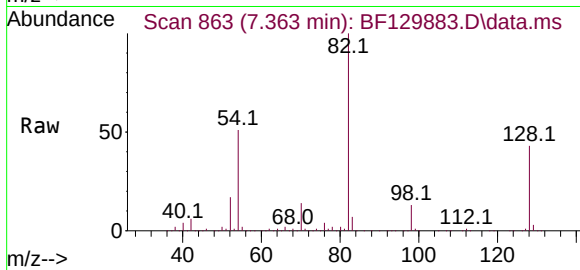
|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 563036 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 8.5      | 6.6 9.8      |
| 51 28.5     | 23.8 35.8    |
| 120 22.8    | 17.9 26.9    |





#23  
Nitrobenzene-d5  
Concen: 85.561 ng  
RT: 7.363 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

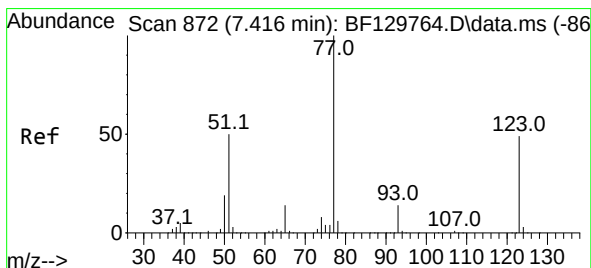
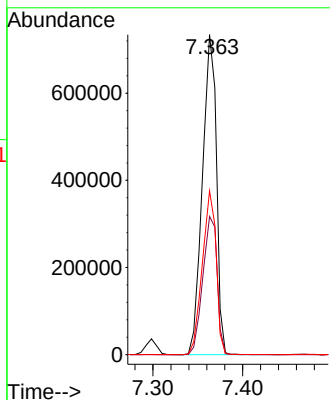
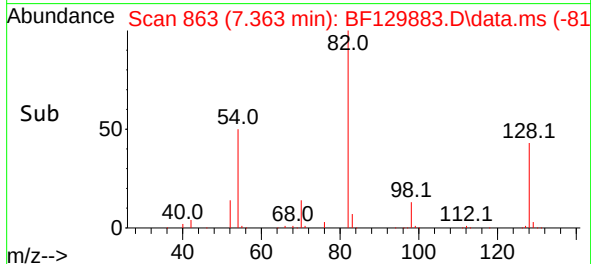
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion: 82 Resp: 794099  
Ion Ratio Lower Upper  
82 100  
128 43.2 36.1 54.1  
54 51.2 40.0 60.0

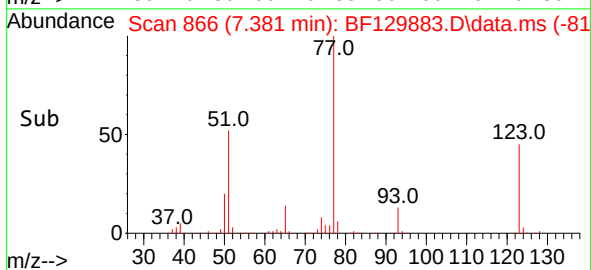
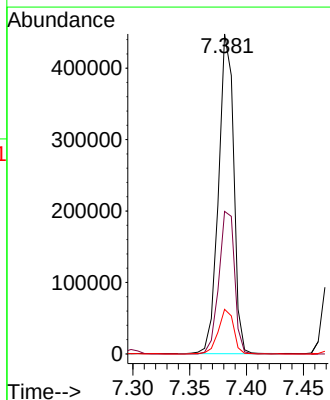
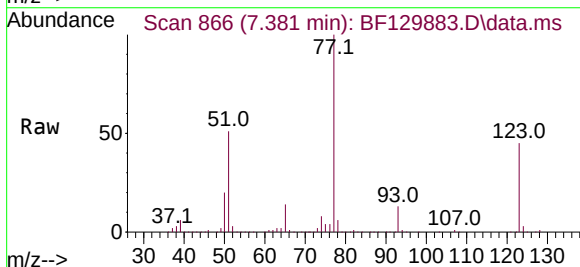
Manual Integrations  
APPROVED

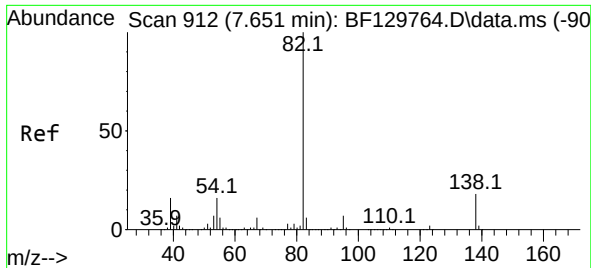
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#24  
Nitrobenzene  
Concen: 44.303 ng  
RT: 7.381 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

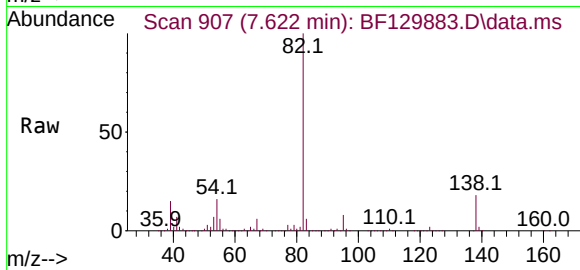
Tgt Ion: 77 Resp: 414615  
Ion Ratio Lower Upper  
77 100  
123 44.5 39.2 58.8  
65 13.9 11.1 16.7





#25  
Isophorone  
Concen: 47.038 ng  
RT: 7.622 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

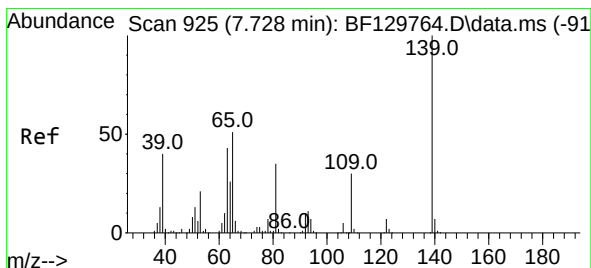
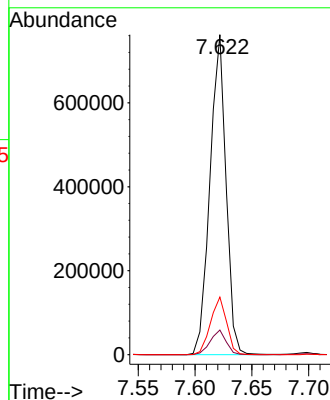
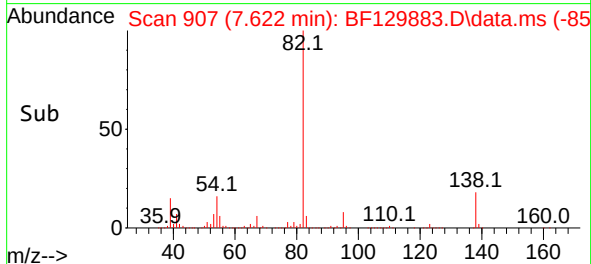
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion: 82 Resp: 75140  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.9 8.9  
138 18.0 14.6 21.8

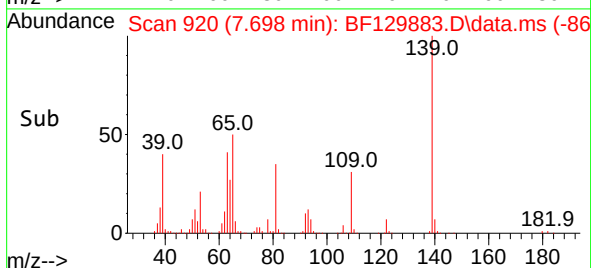
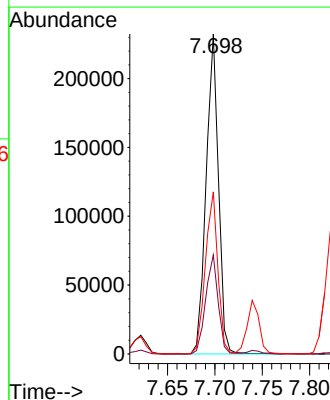
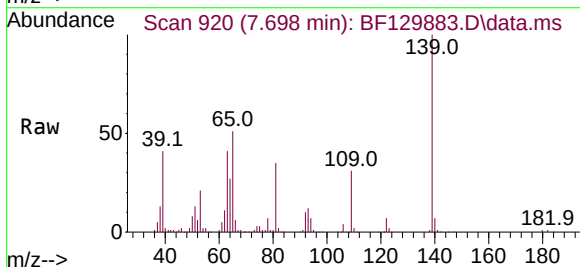
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

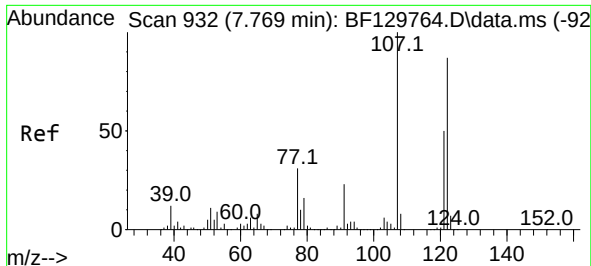


#26  
2-Nitrophenol  
Concen: 45.669 ng  
RT: 7.698 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:139 Resp: 210230  
Ion Ratio Lower Upper  
139 100  
109 30.9 24.4 36.6  
65 50.6 40.9 61.3







#27

2,4-Dimethylphenol

Concen: 49.987 ng

RT: 7.739 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129883.D

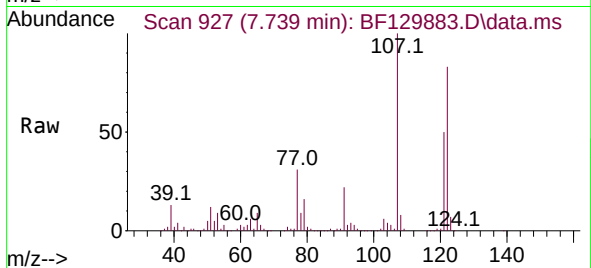
Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

S13MS



Tgt Ion: 122 Resp: 330000

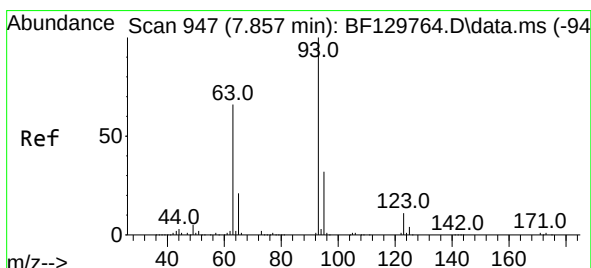
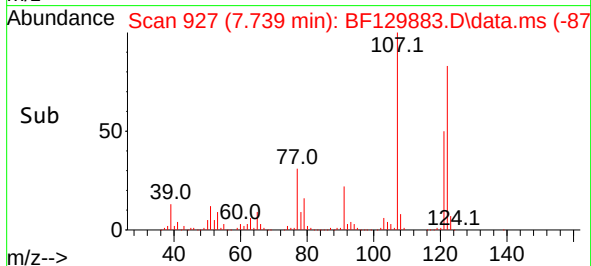
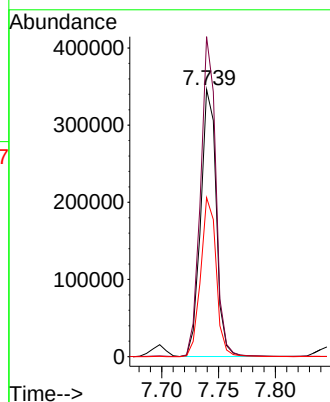
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 119.8 | 92.2  | 138.4 |
| 121 | 59.5  | 46.1  | 69.1  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.699 ng

RT: 7.828 min Scan# 942

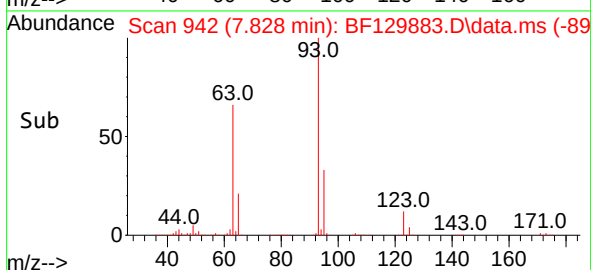
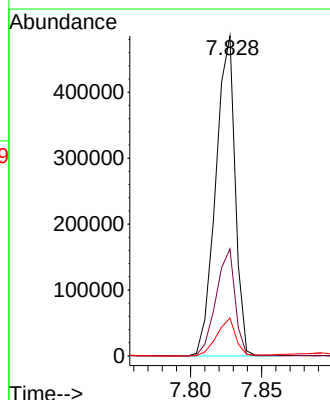
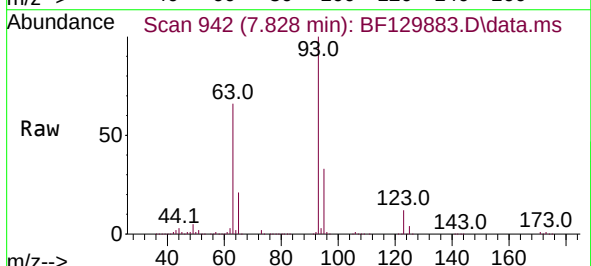
Delta R.T. 0.000 min

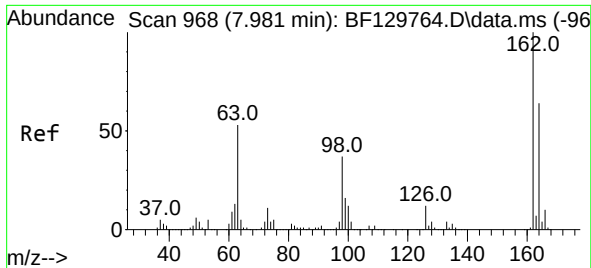
Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Tgt Ion: 93 Resp: 463546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 33.4  | 25.6  | 38.4  |
| 123 | 11.8  | 9.0   | 13.4  |





#29

2,4-Dichlorophenol

Concen: 44.818 ng

RT: 7.951 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

S13MS

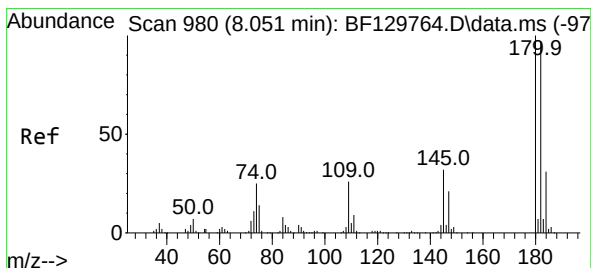
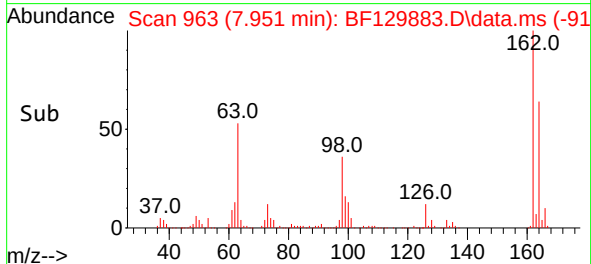
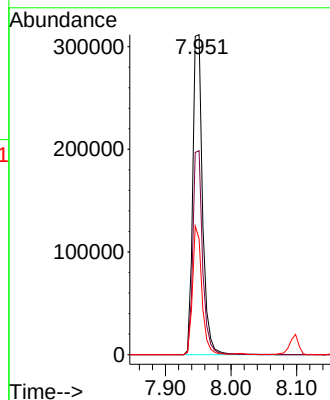
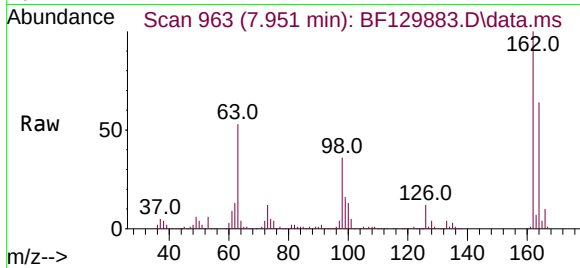
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 323530 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.7  | 43.7  | 83.7   |
| 98        | 36.2  | 16.5  | 56.5   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.728 ng

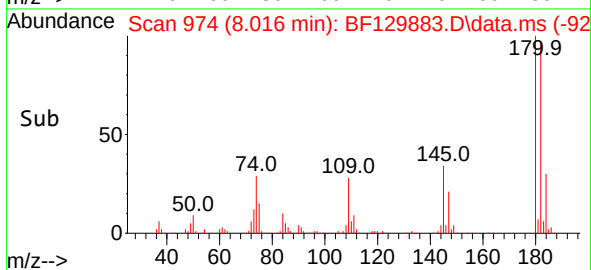
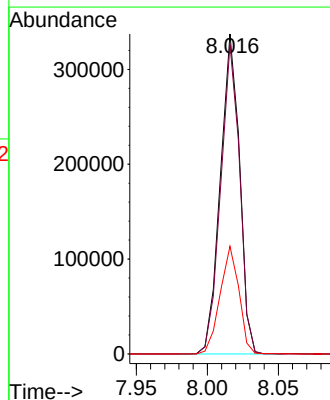
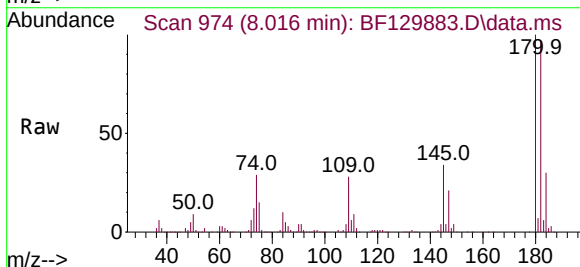
RT: 8.016 min Scan# 974

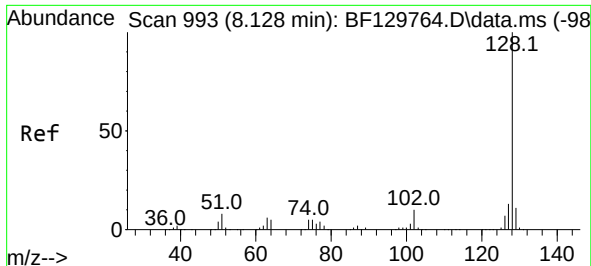
Delta R.T. -0.006 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

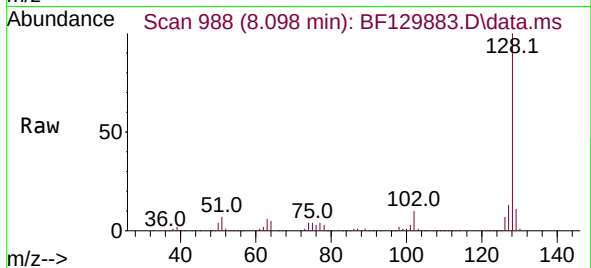
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 317782 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.8  | 77.6  | 116.4  |
| 145       | 33.6  | 25.6  | 38.4   |





#31  
Naphthalene  
Concen: 42.629 ng  
RT: 8.098 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

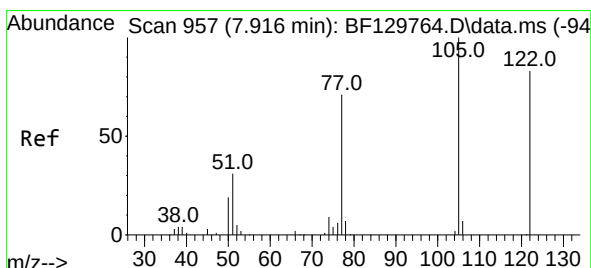
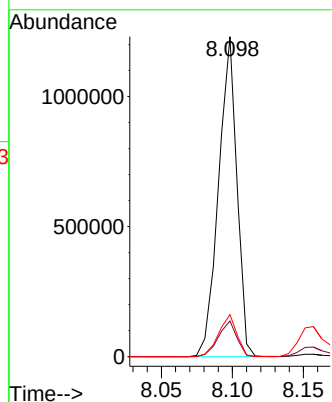
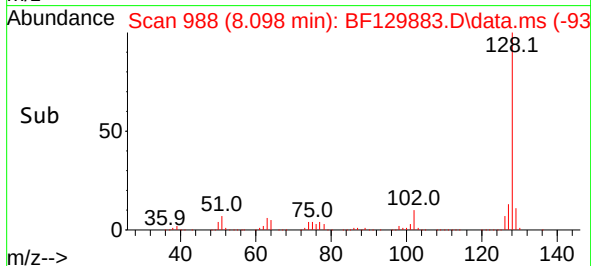
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



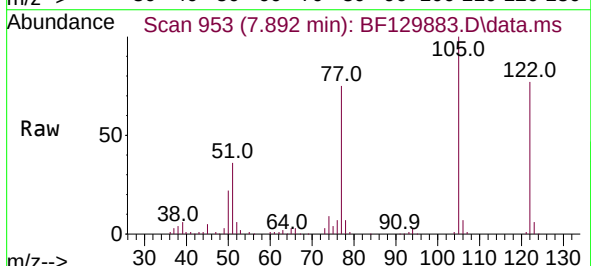
Tgt Ion:128 Resp: 1107394  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.1 10.7 16.1

Manual Integrations  
APPROVED

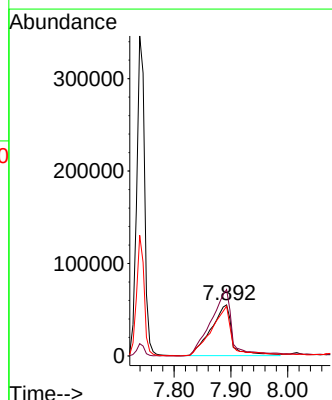
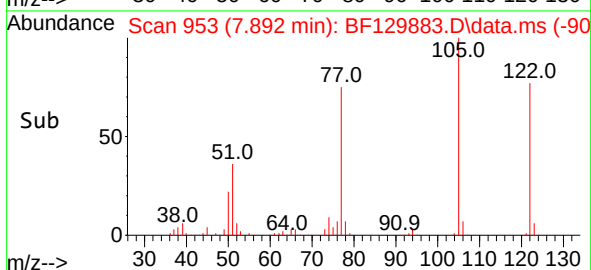
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

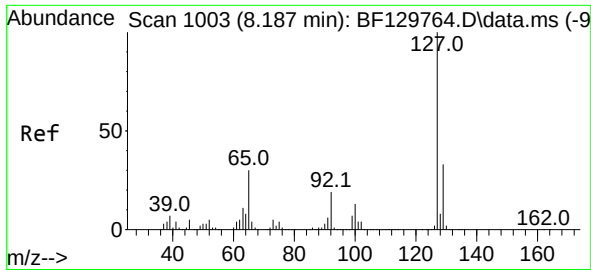


#32  
Benzoic acid  
Concen: 48.149 ng  
RT: 7.892 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:122 Resp: 142909  
Ion Ratio Lower Upper  
122 100  
105 129.8 99.9 139.9  
77 97.6 65.9 105.9





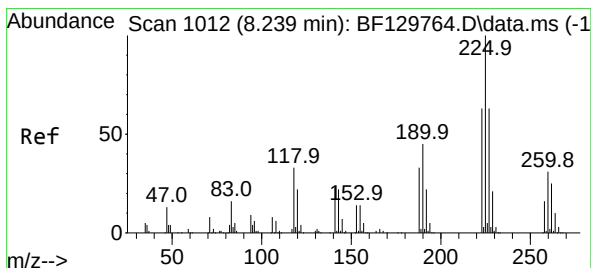
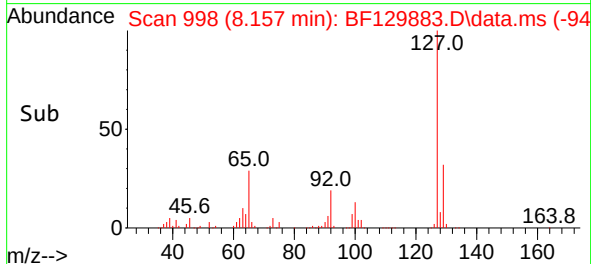
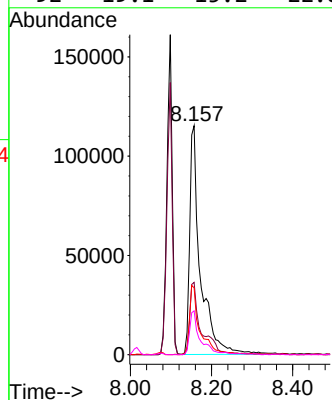
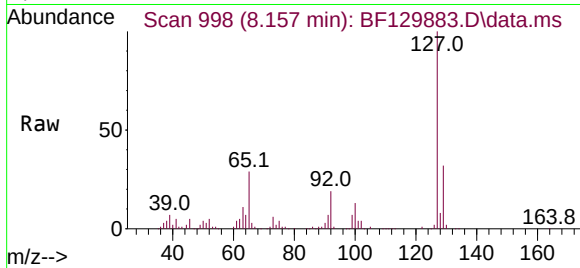
#33  
4-Chloroaniline  
Concen: 20.783 ng  
RT: 8.157 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 21230 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.6  | 26.7  | 40.1  |
| 65        | 29.2  | 24.2  | 36.2  |
| 92        | 19.1  | 15.2  | 22.8  |

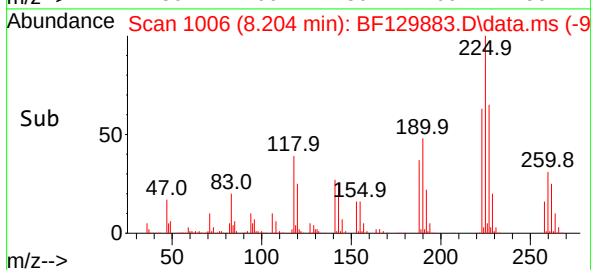
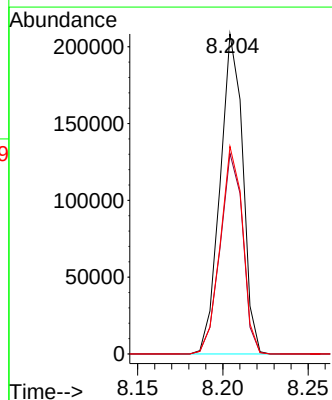
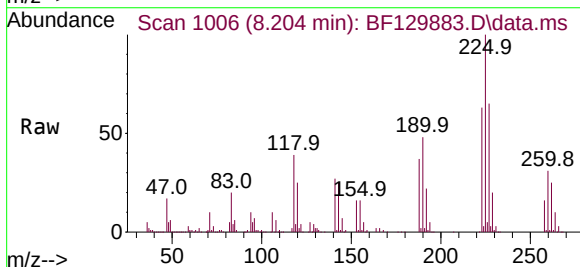
Manual Integrations  
APPROVED

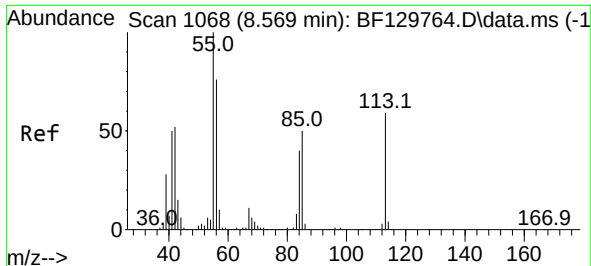
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#34  
Hexachlorobutadiene  
Concen: 41.507 ng  
RT: 8.204 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

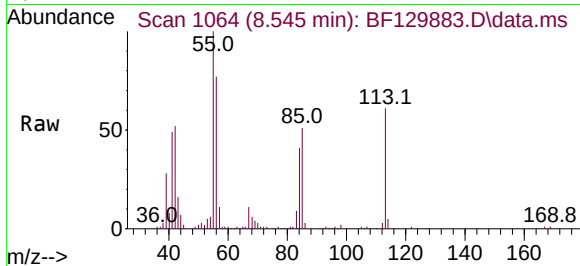
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 192473 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.6  | 50.2  | 75.2   |
| 227       | 64.8  | 50.6  | 75.8   |





#35  
Caprolactam  
Concen: 34.884 ng m  
RT: 8.545 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

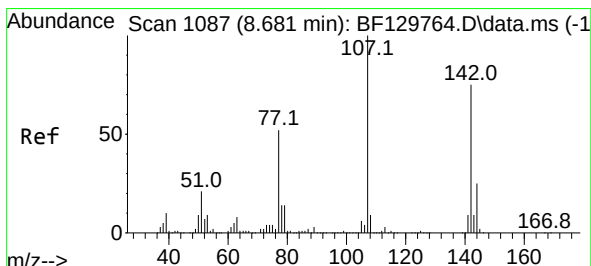
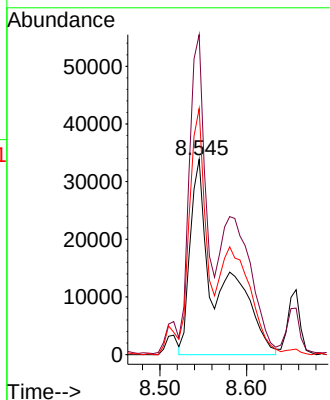
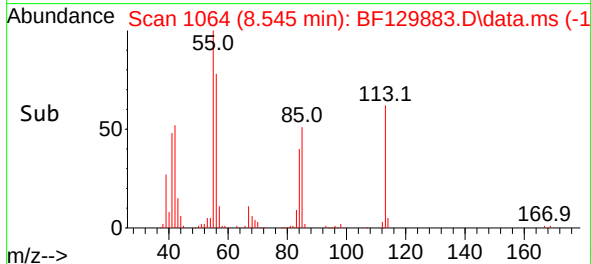
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:113 Resp: 78309  
Ion Ratio Lower Upper  
113 100  
55 163.9 148.8 188.8  
56 126.0 109.1 149.1

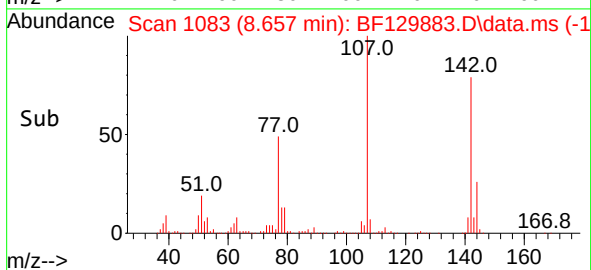
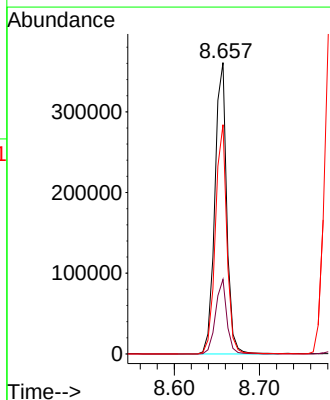
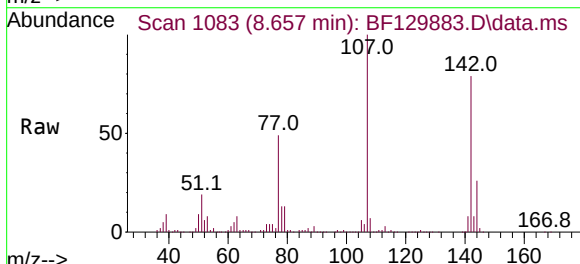
Manual Integrations  
APPROVED

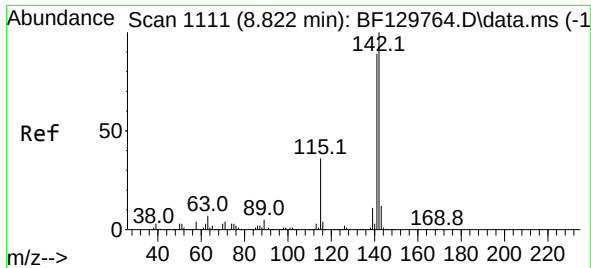
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#36  
4-Chloro-3-methylphenol  
Concen: 44.641 ng  
RT: 8.657 min Scan# 1083  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:107 Resp: 347650  
Ion Ratio Lower Upper  
107 100  
144 25.6 19.9 29.9  
142 78.7 60.2 90.4





#37  
2-Methylnaphthalene  
Concen: 43.291 ng  
RT: 8.786 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

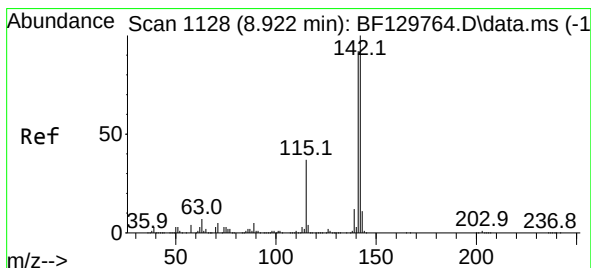
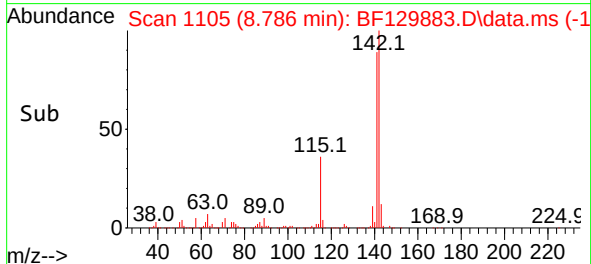
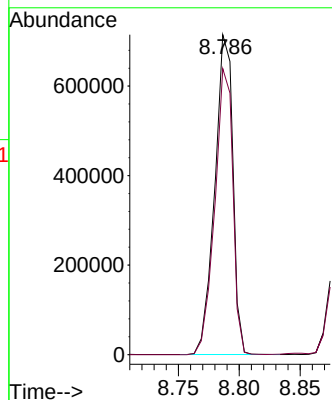
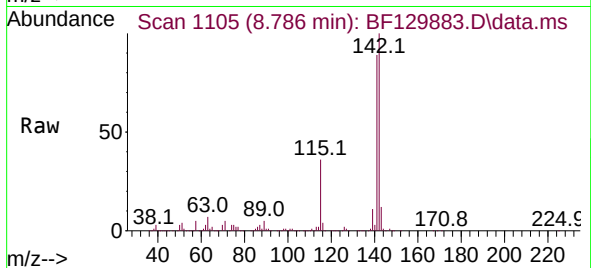
S13MS

Tgt Ion:142 Resp: 738105  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.9 106.3

Manual Integrations

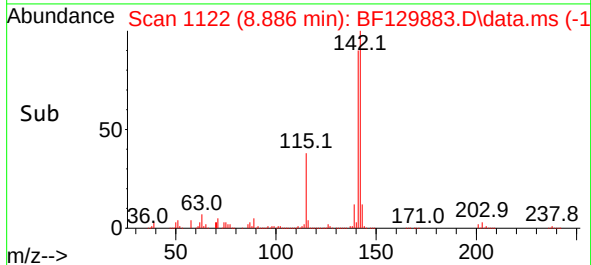
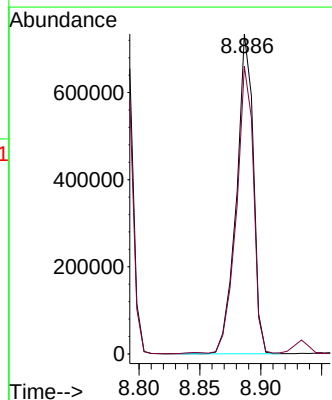
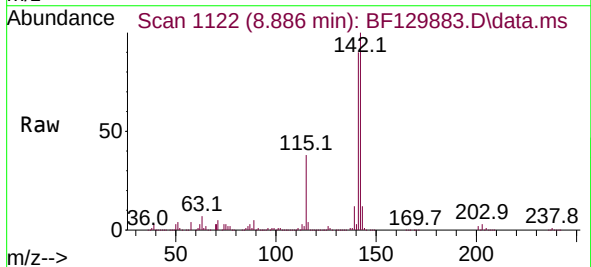
APPROVED

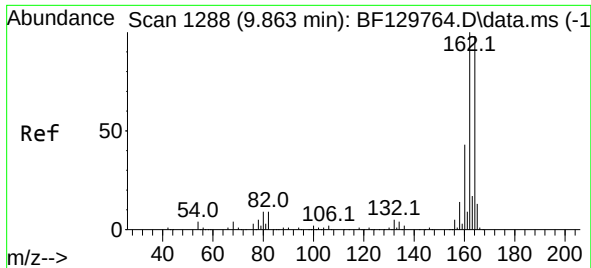
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#38  
1-Methylnaphthalene  
Concen: 42.842 ng  
RT: 8.886 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

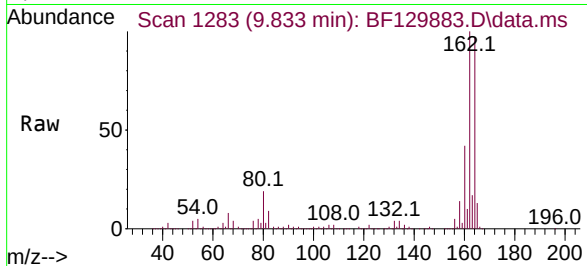
Tgt Ion:142 Resp: 709888  
Ion Ratio Lower Upper  
142 100  
141 89.9 73.5 110.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

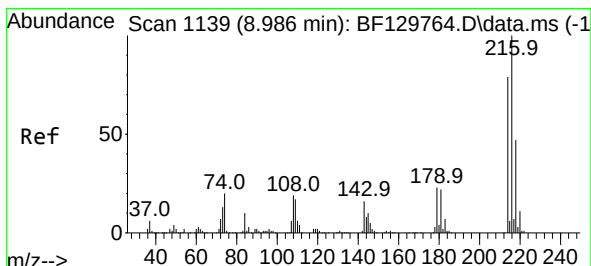
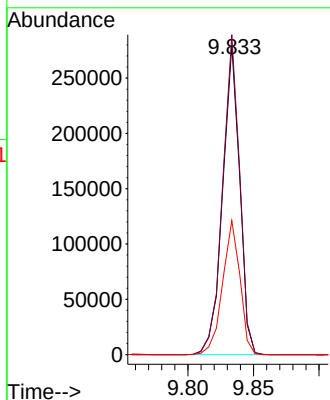
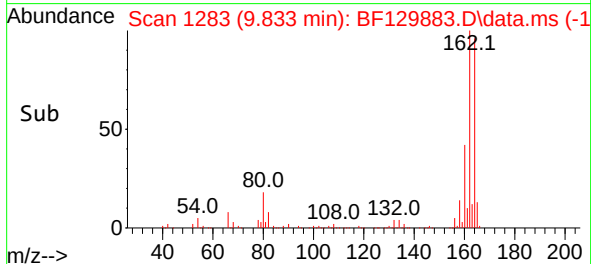
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



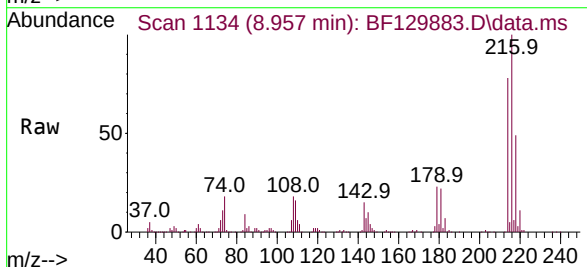
Tgt Ion:164 Resp: 253456  
Ion Ratio Lower Upper  
164 100  
162 103.4 82.0 123.0  
160 43.3 35.4 53.0

Manual Integrations  
APPROVED

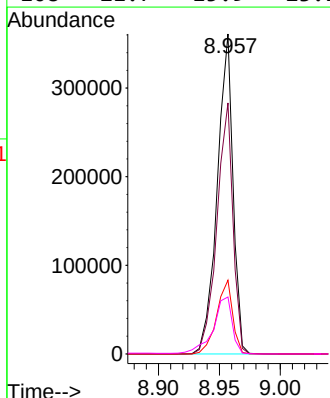
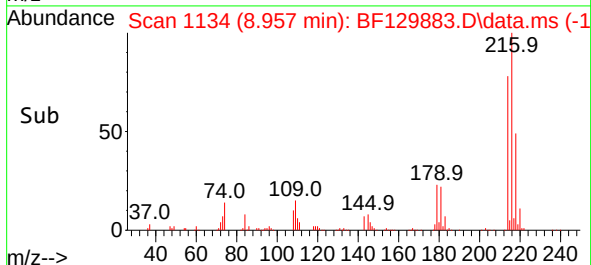
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

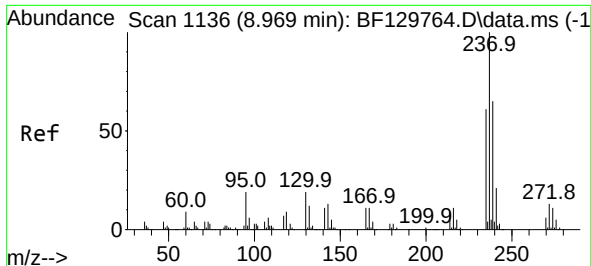


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.182 ng  
RT: 8.957 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



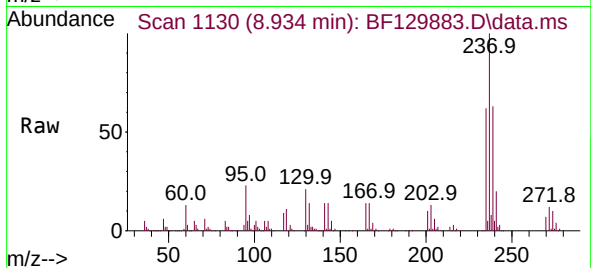
Tgt Ion:216 Resp: 325554  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.1 94.7  
179 23.2 18.1 27.1  
108 21.7 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 83.005 ng  
RT: 8.934 min Scan# 1136  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

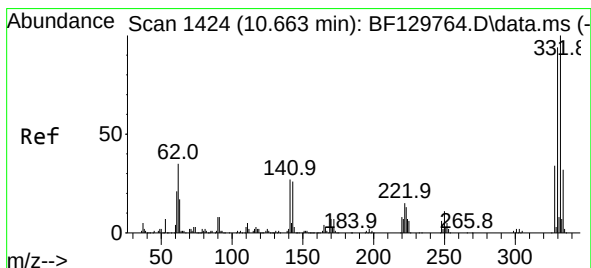
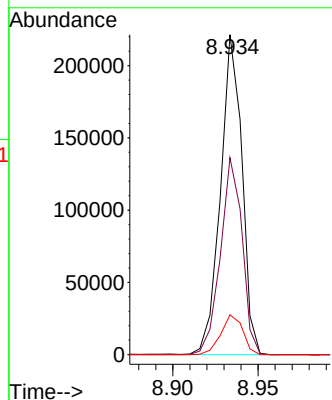
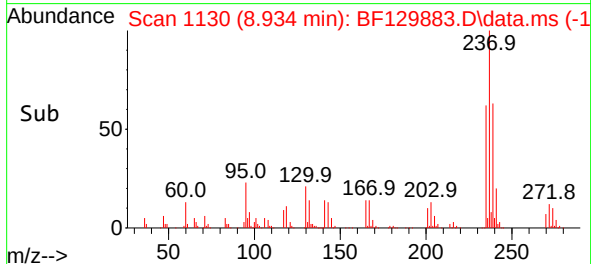
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



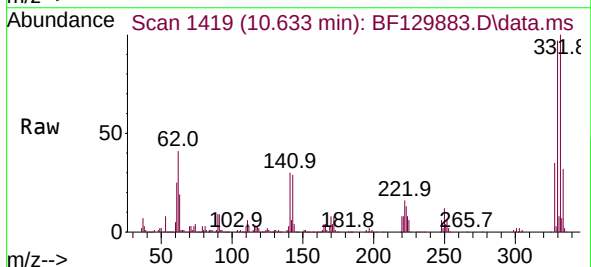
Tgt Ion:237 Resp: 193885  
Ion Ratio Lower Upper  
237 100  
235 61.5 41.5 81.5  
272 12.4 0.0 33.3

Manual Integrations  
APPROVED

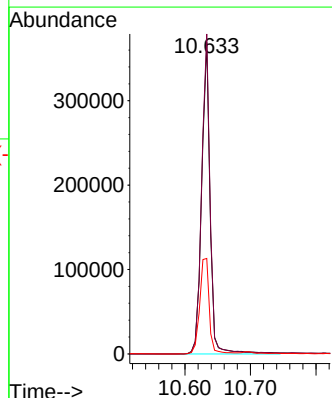
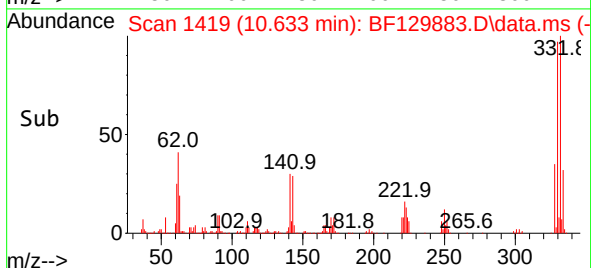
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



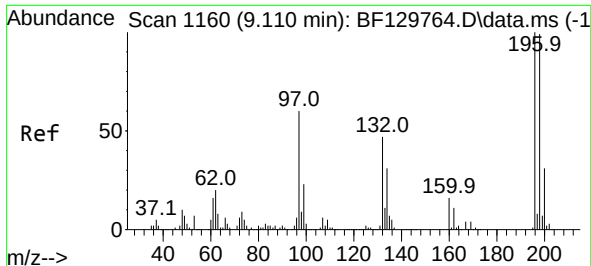
#42  
2,4,6-Tribromophenol  
Concen: 129.039 ng  
RT: 10.633 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:330 Resp: 328251  
Ion Ratio Lower Upper  
330 100  
332 101.8 82.6 124.0  
141 34.9 27.6 41.4







#43

2,4,6-Trichlorophenol

Concen: 46.827 ng

RT: 9.081 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

S13MS

Tgt Ion:196 Resp: 214476

Ion Ratio Lower Upper

196 100

198 97.7 79.0 118.4

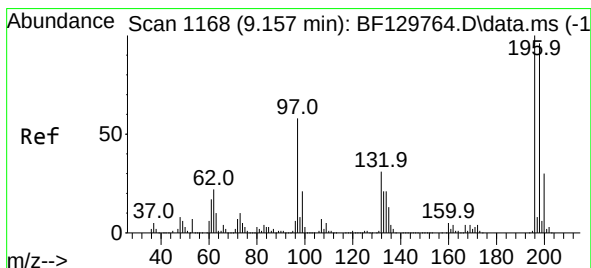
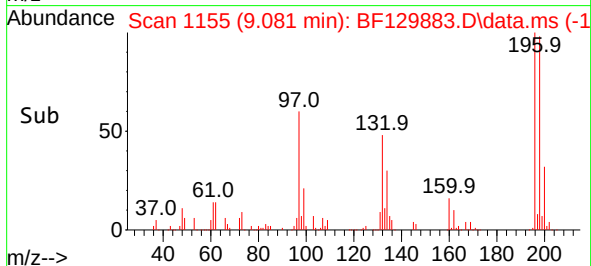
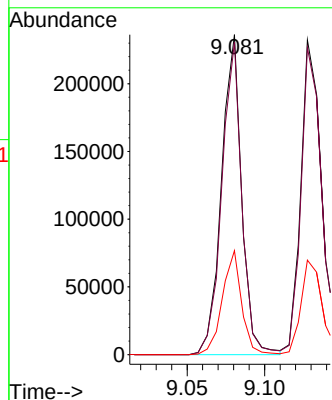
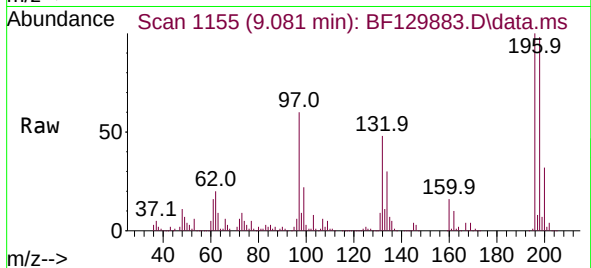
200 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#44

2,4,5-Trichlorophenol

Concen: 45.514 ng

RT: 9.128 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Tgt Ion:196 Resp: 224279

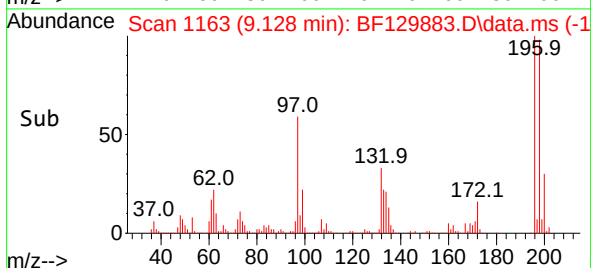
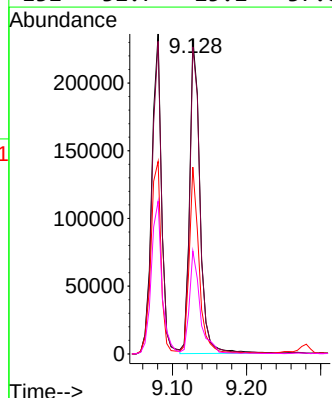
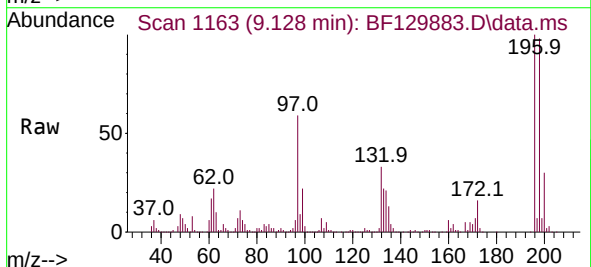
Ion Ratio Lower Upper

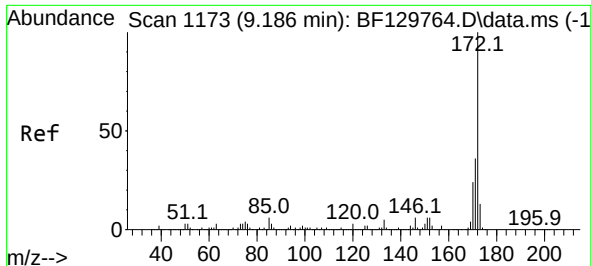
196 100

198 97.5 76.4 114.6

97 59.4 46.5 69.7

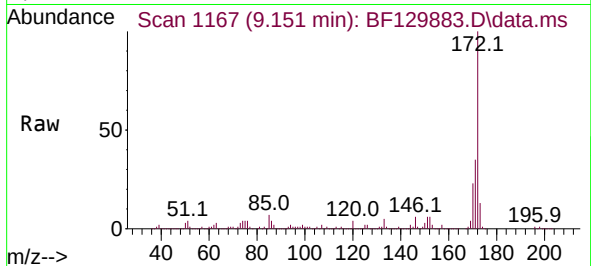
132 32.7 25.2 37.8





#45  
2-Fluorobiphenyl  
Concen: 86.503 ng  
RT: 9.151 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

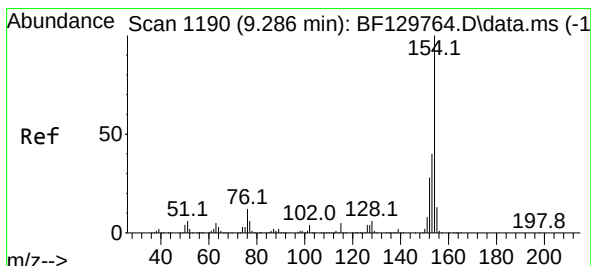
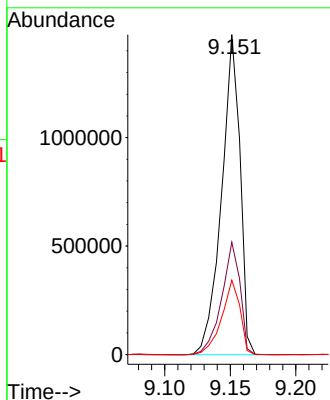
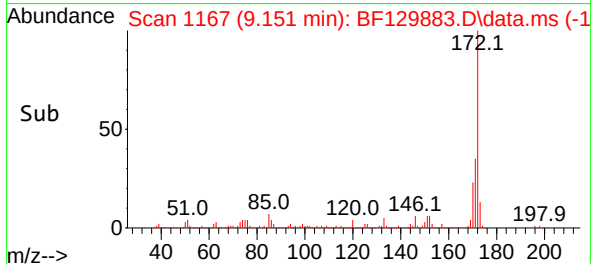
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:172 Resp: 1443548  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.4 42.6  
170 23.3 19.1 28.7

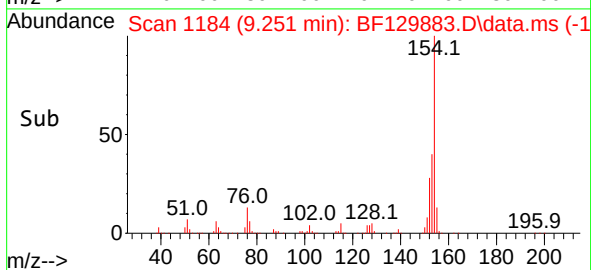
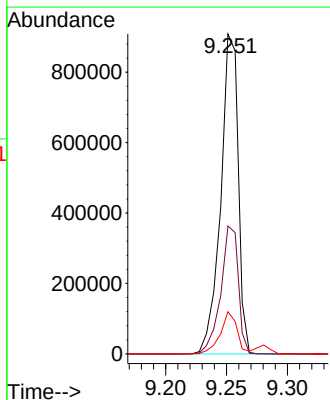
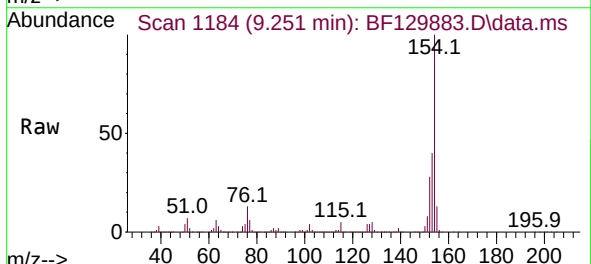
Manual Integrations  
APPROVED

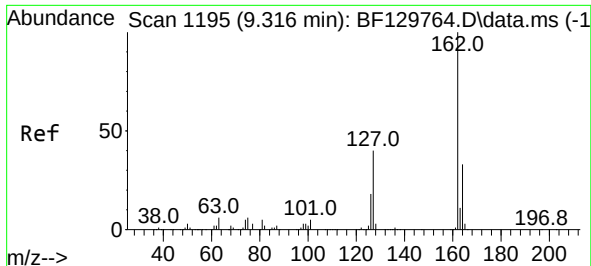
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#46  
1,1'-Biphenyl  
Concen: 47.221 ng  
RT: 9.251 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:154 Resp: 909236  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.2 60.2  
76 13.2 0.0 32.1





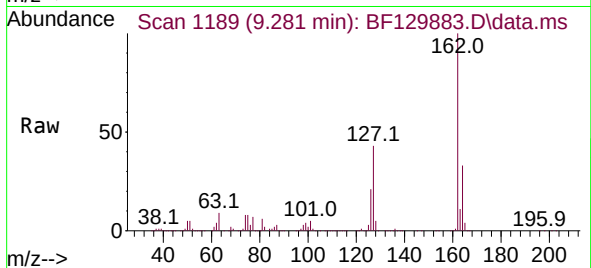
#47  
2-Chloronaphthalene  
Concen: 45.470 ng  
RT: 9.281 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

S13MS

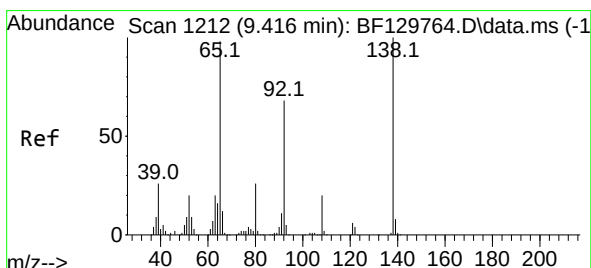
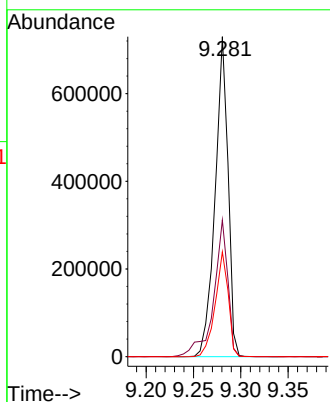
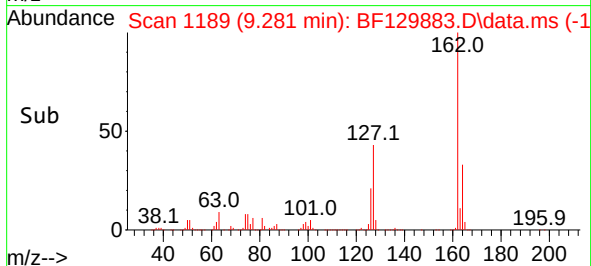


Tgt Ion:162 Resp: 69273  
Ion Ratio Lower Upper  
162 100  
127 42.7 33.1 49.7  
164 32.7 26.7 40.1

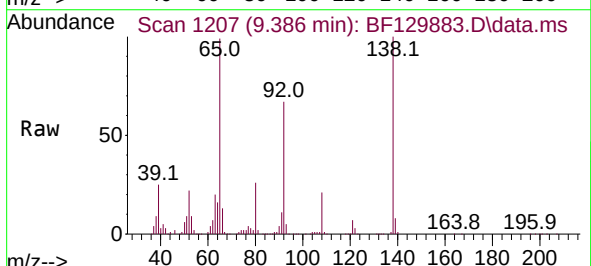
Manual Integrations

APPROVED

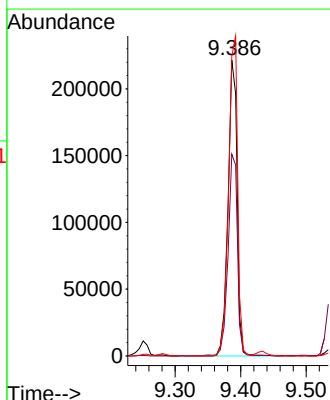
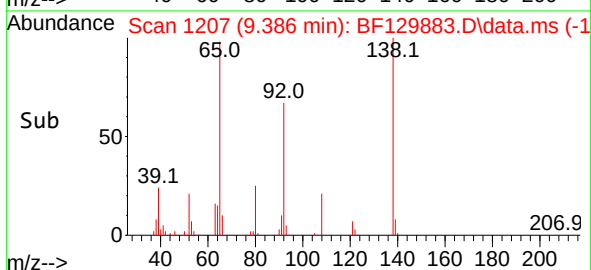
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

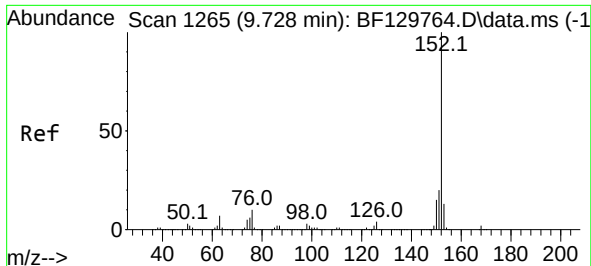


#48  
2-Nitroaniline  
Concen: 44.610 ng  
RT: 9.386 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion: 65 Resp: 214778  
Ion Ratio Lower Upper  
65 100  
92 68.2 55.0 82.4  
138 101.3 81.3 121.9





#49

Acenaphthylene

Concen: 45.091 ng

RT: 9.698 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

S13MS

Tgt Ion:152 Resp: 1041712

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

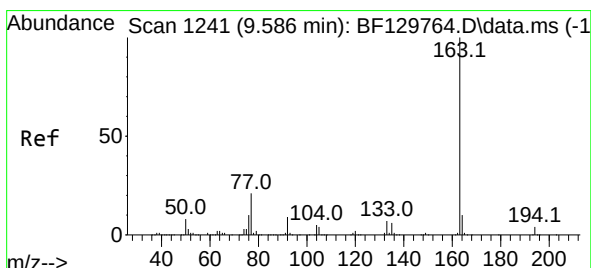
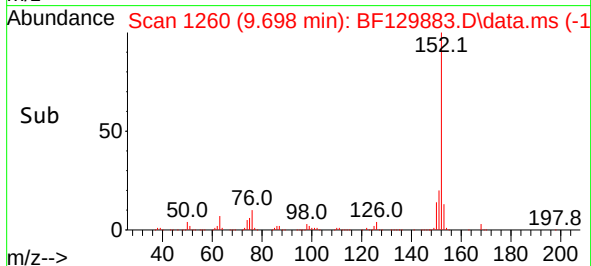
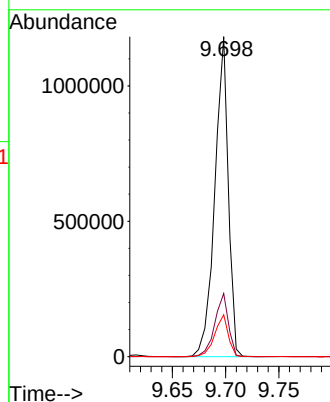
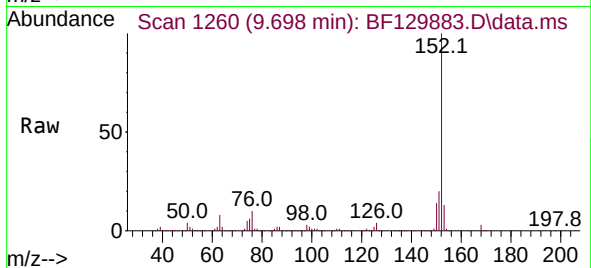
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#50

Dimethylphthalate

Concen: 44.499 ng

RT: 9.557 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

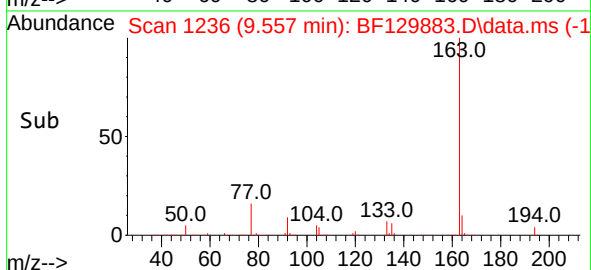
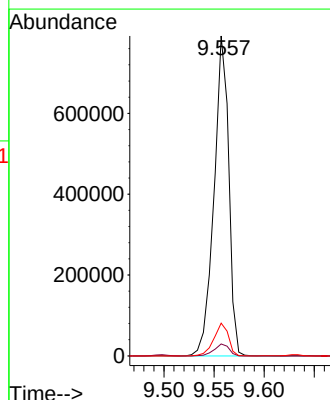
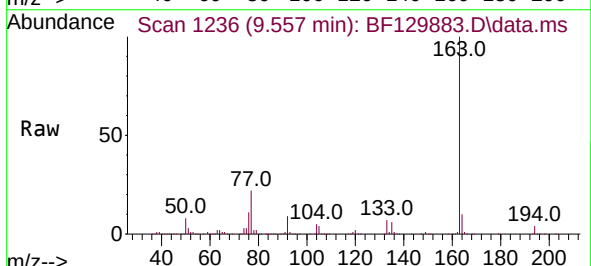
Tgt Ion:163 Resp: 808524

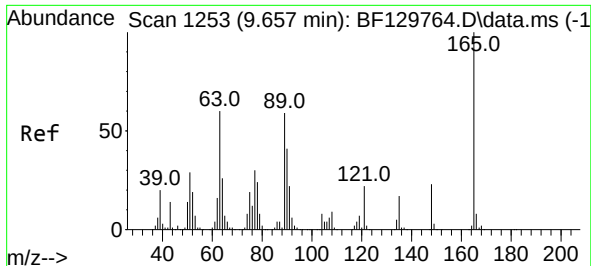
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

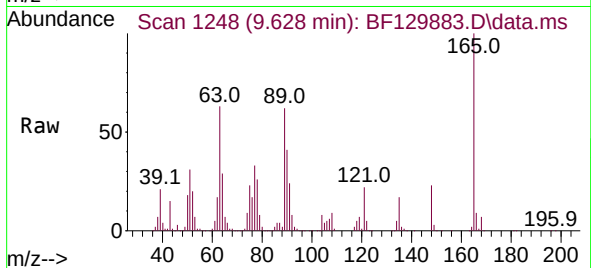
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 45.586 ng  
RT: 9.628 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

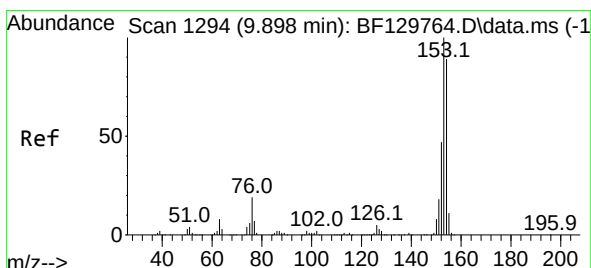
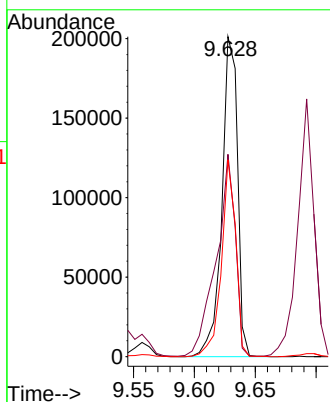
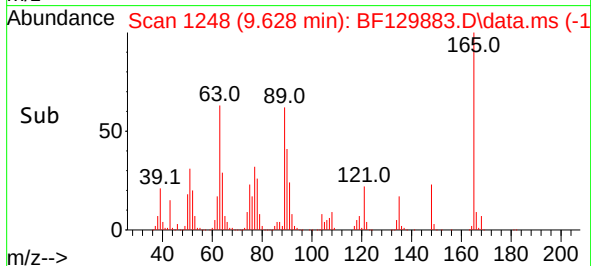
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



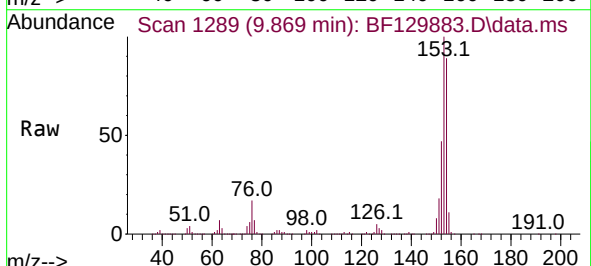
Tgt Ion:165 Resp: 179670  
Ion Ratio Lower Upper  
165 100  
63 63.2 47.8 71.8  
89 61.5 47.2 70.8

Manual Integrations  
APPROVED

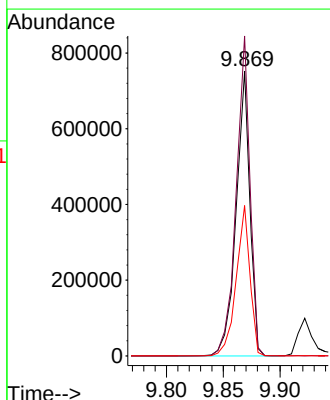
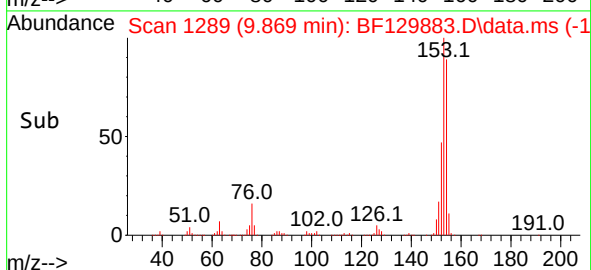
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

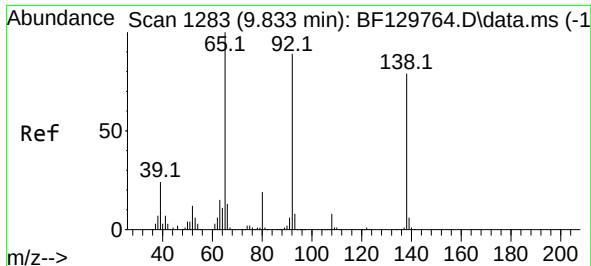


#52  
Acenaphthene  
Concen: 45.372 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



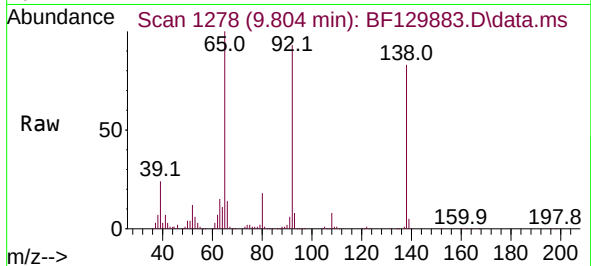
Tgt Ion:154 Resp: 635948  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.8 134.6  
152 52.8 42.1 63.1





#53  
3-Nitroaniline  
Concen: 25.384 ng  
RT: 9.804 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

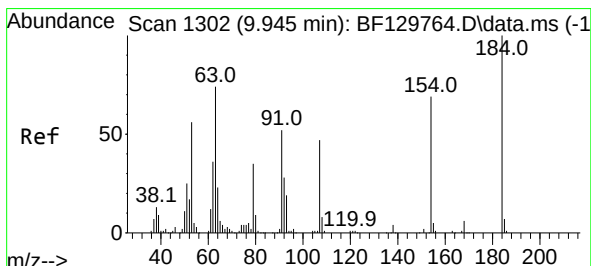
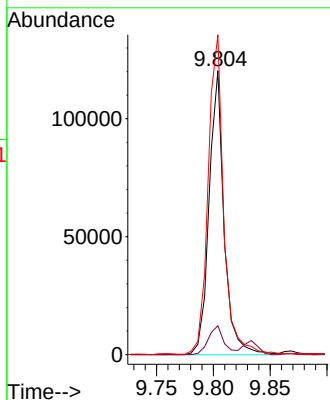
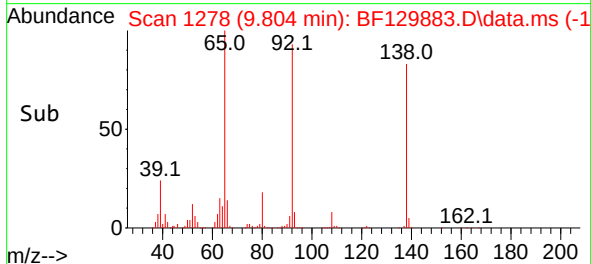
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



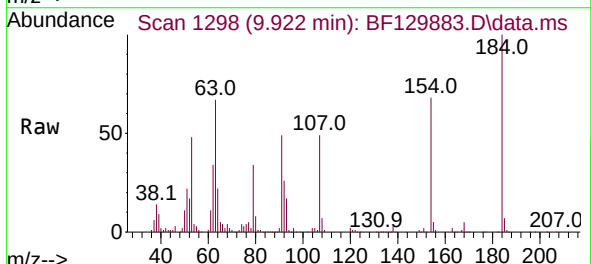
Tgt Ion:138 Resp: 110643  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.4 12.6  
92 112.7 89.8 134.8

Manual Integrations  
APPROVED

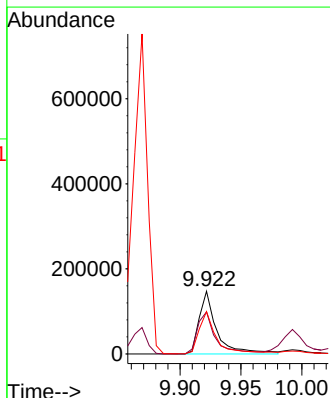
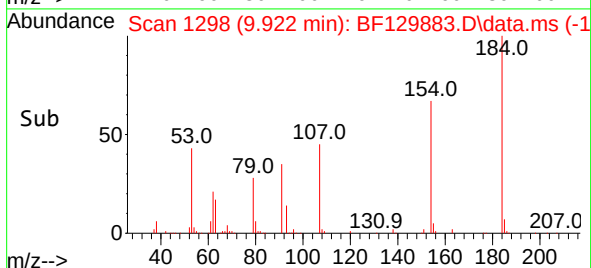
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

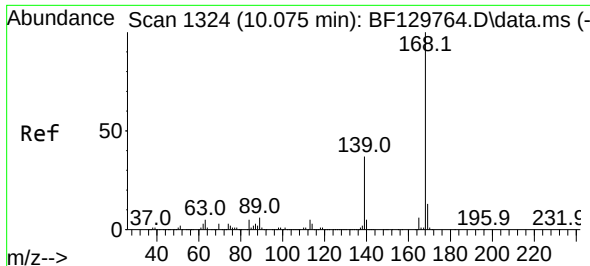


#54  
2,4-Dinitrophenol  
Concen: 82.624 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



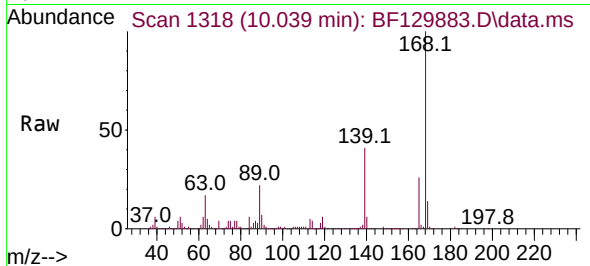
Tgt Ion:184 Resp: 147578  
Ion Ratio Lower Upper  
184 100  
63 67.2 59.6 89.4  
154 67.6 55.3 82.9





#55  
Dibenzenofuran  
Concen: 44.901 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

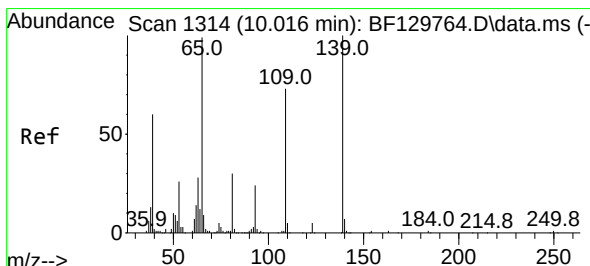
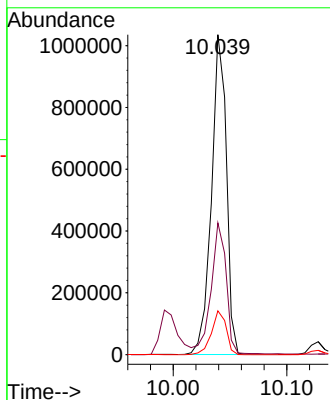
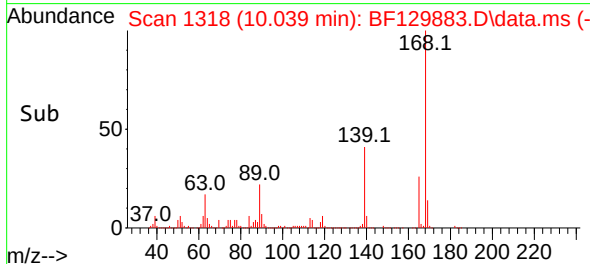
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:168 Resp: 945505  
Ion Ratio Lower Upper  
168 100  
139 41.2 31.3 46.9  
169 13.7 10.7 16.1

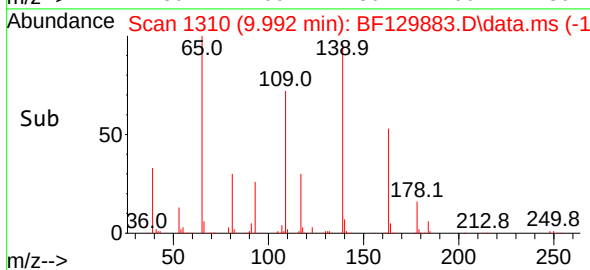
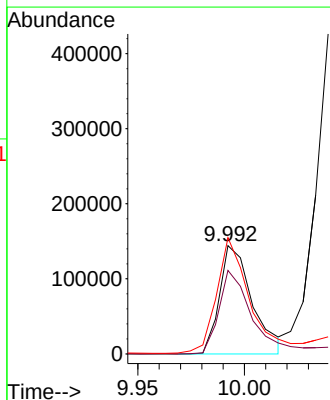
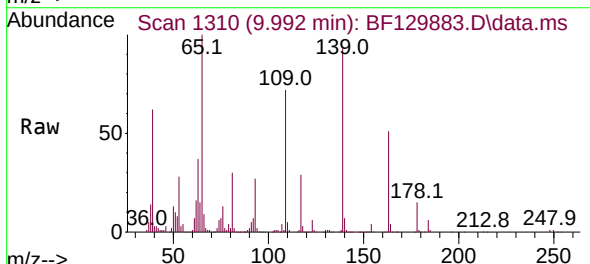
Manual Integrations  
APPROVED

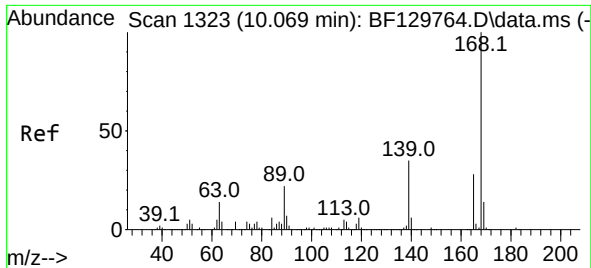
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#56  
4-Nitrophenol  
Concen: 79.565 ng  
RT: 9.992 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

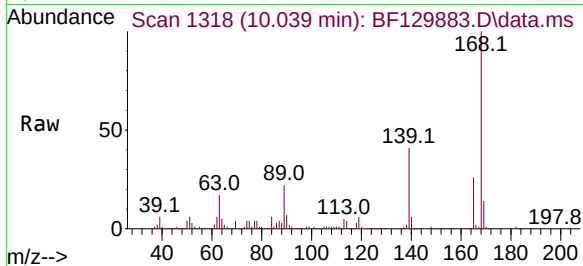
Tgt Ion:139 Resp: 154284  
Ion Ratio Lower Upper  
139 100  
109 77.1 52.9 92.9  
65 107.5 79.5 119.5





#57  
2,4-Dinitrotoluene  
Concen: 44.222 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

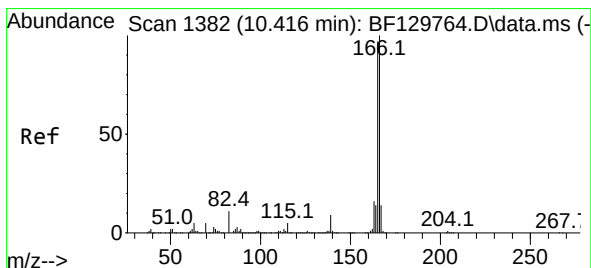
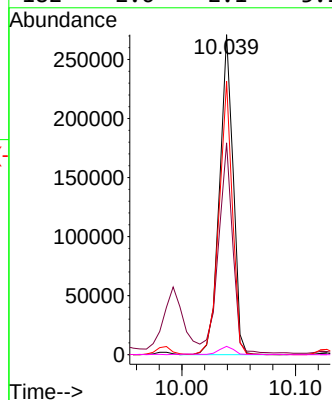
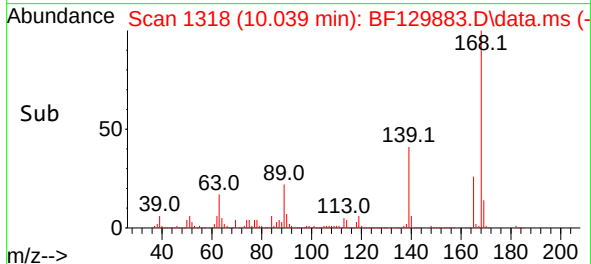
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



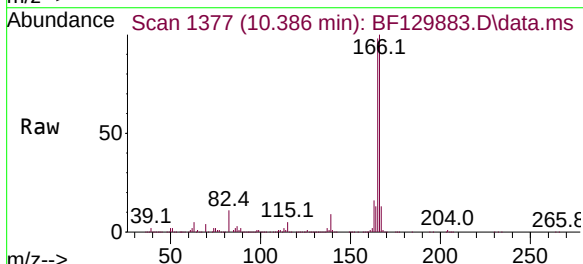
Tgt Ion:165 Resp: 226259  
Ion Ratio Lower Upper  
165 100  
63 66.2 48.4 72.6  
89 85.4 62.3 93.5  
182 2.6 2.1 3.1

Manual Integrations  
APPROVED

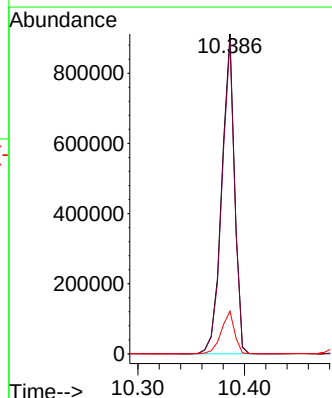
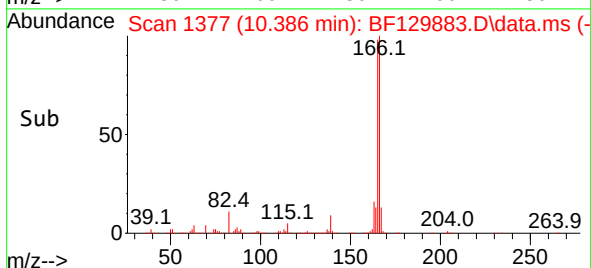
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



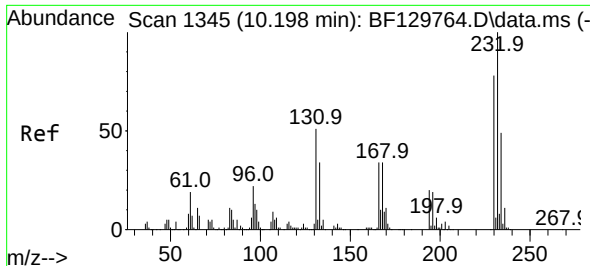
#58  
Fluorene  
Concen: 43.543 ng  
RT: 10.386 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:166 Resp: 765593  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.9 116.9  
167 13.3 11.0 16.4

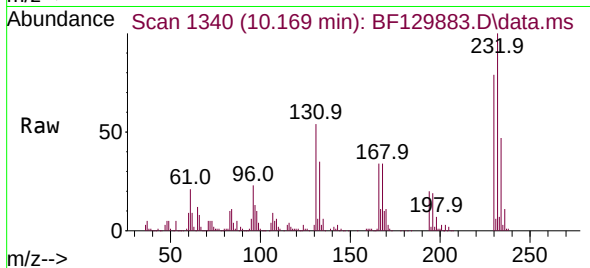






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.388 ng  
RT: 10.169 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

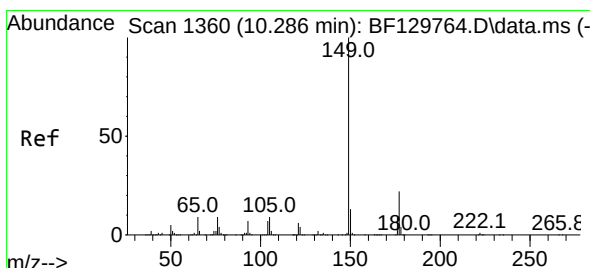
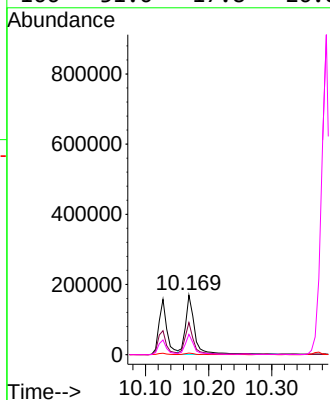
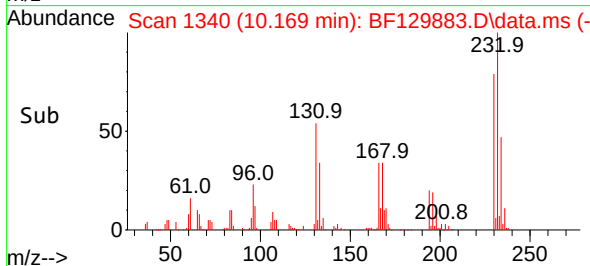
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



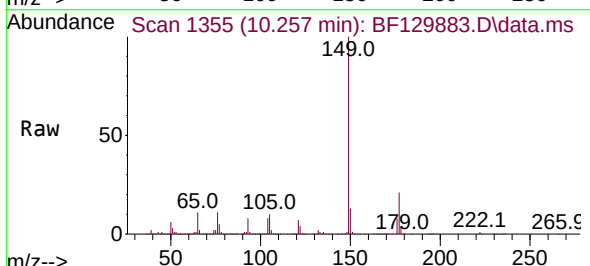
Tgt Ion:232 Resp: 167750  
Ion Ratio Lower Upper  
232 100  
131 48.9 29.9 44.9  
130 2.9 1.5 2.3  
166 31.6 17.8 26.8

Manual Integrations  
APPROVED

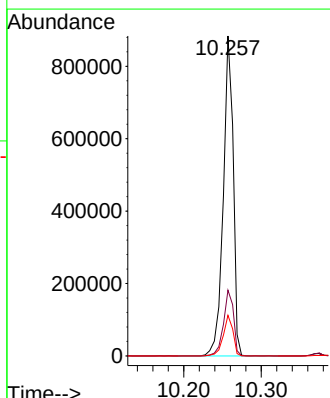
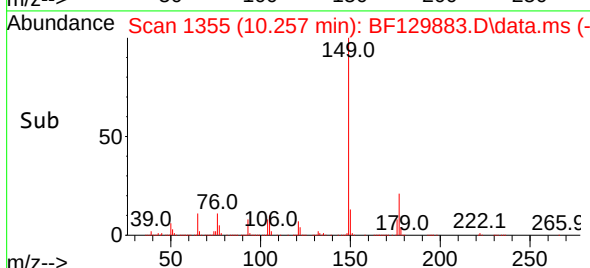
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

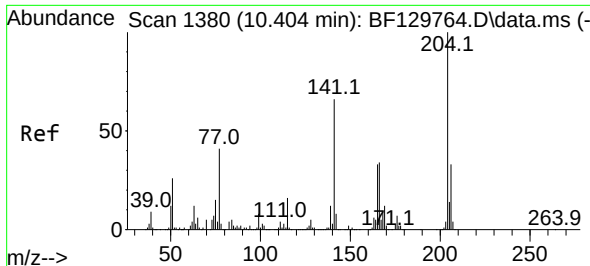


#60  
Diethylphthalate  
Concen: 43.355 ng  
RT: 10.257 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



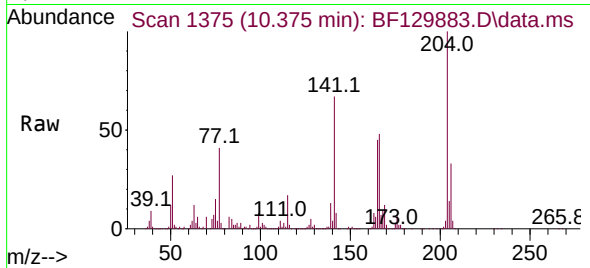
Tgt Ion:149 Resp: 785459  
Ion Ratio Lower Upper  
149 100  
177 20.5 17.7 26.5  
150 12.7 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 44.938 ng  
RT: 10.375 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

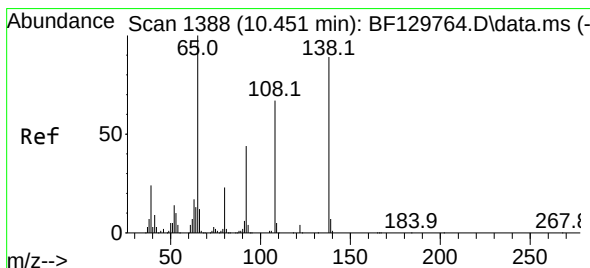
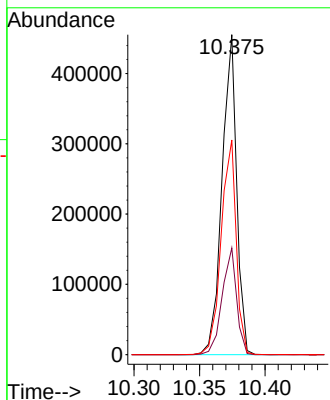
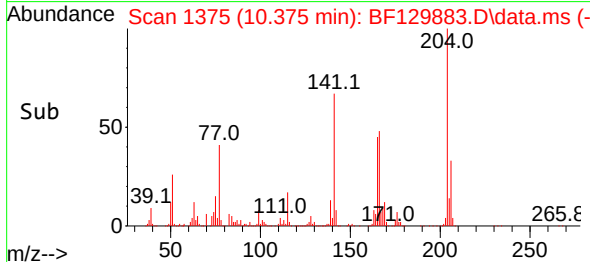
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



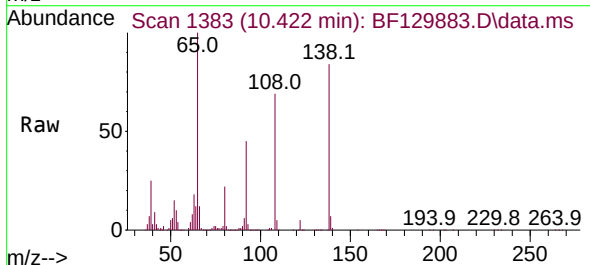
Tgt Ion:204 Resp: 354573  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.5 39.7  
141 67.1 52.6 79.0

Manual Integrations  
APPROVED

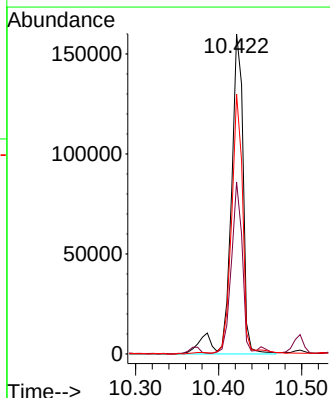
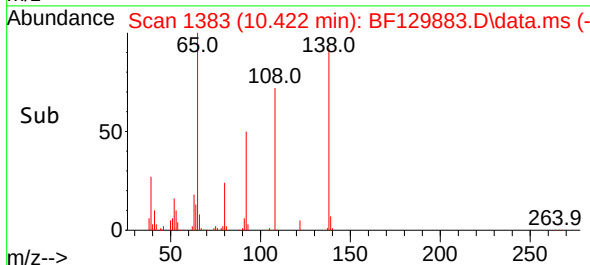
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

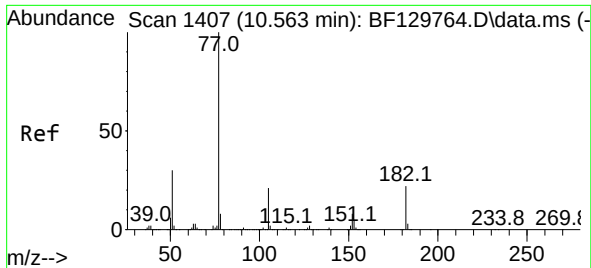


#62  
4-Nitroaniline  
Concen: 37.152 ng m  
RT: 10.422 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



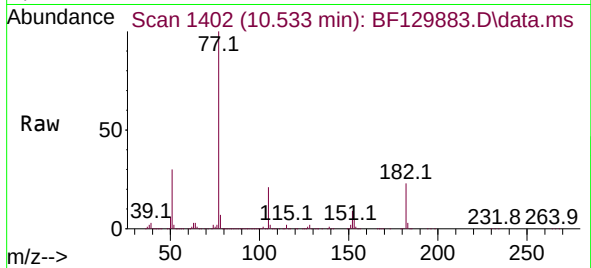
Tgt Ion:138 Resp: 163365  
Ion Ratio Lower Upper  
138 100  
92 53.7 30.3 70.3  
108 81.2 55.7 95.7





#63  
Azobenzene  
Concen: 43.559 ng  
RT: 10.533 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

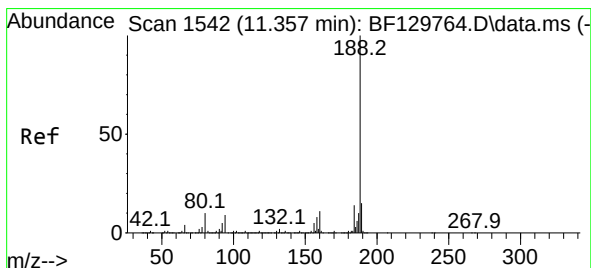
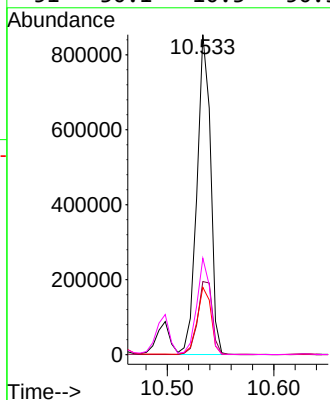
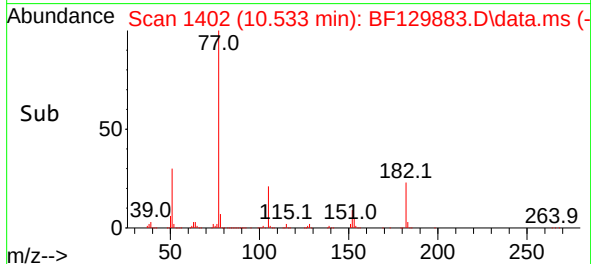
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



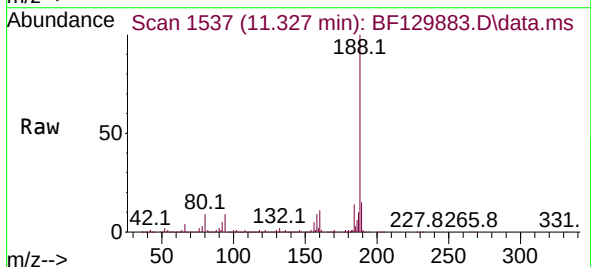
Tgt Ion: 77 Resp: 754314  
Ion Ratio Lower Upper  
77 100  
182 22.8 2.2 42.2  
105 21.0 0.8 40.8  
51 30.1 10.3 50.3

Manual Integrations  
APPROVED

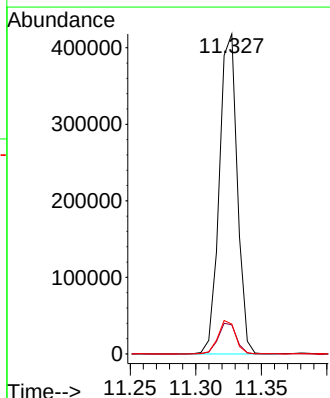
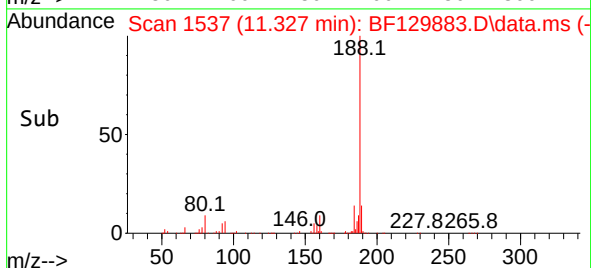
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

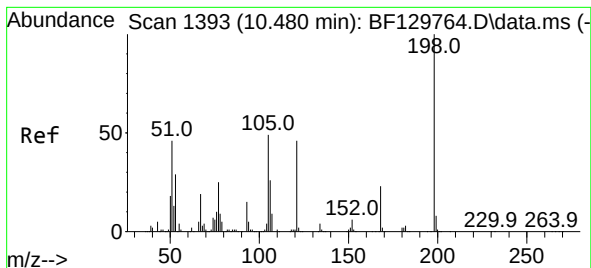


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1537  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:188 Resp: 399638  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.4 11.2  
80 9.3 7.9 11.9





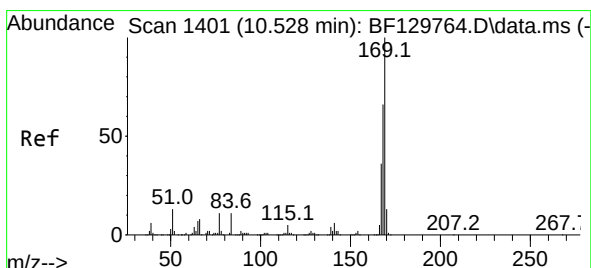
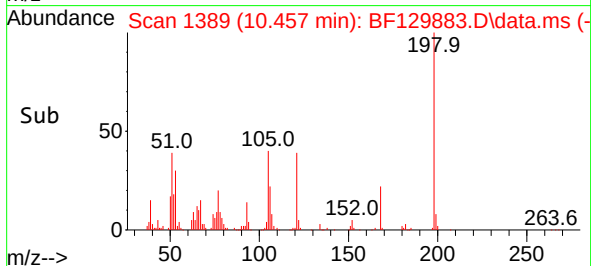
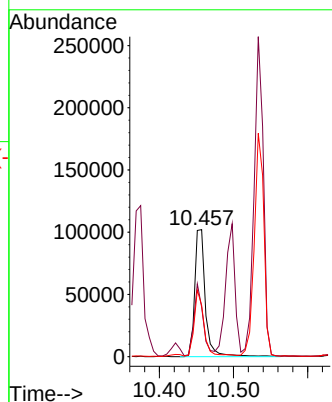
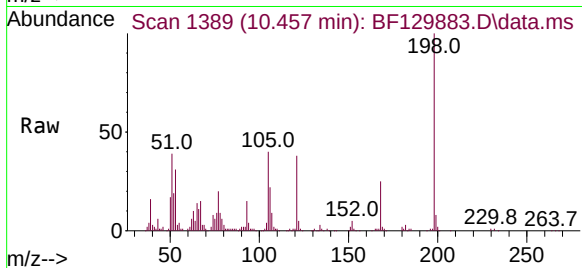
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.708 ng  
RT: 10.457 min Scan# 1389  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

Tgt Ion:198 Resp: 102543  
Ion Ratio Lower Upper  
198 100  
51 39.0 29.4 69.4  
105 40.4 29.2 69.2

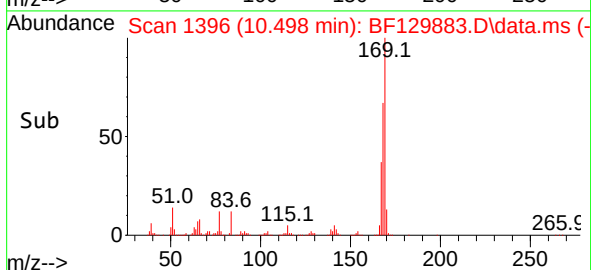
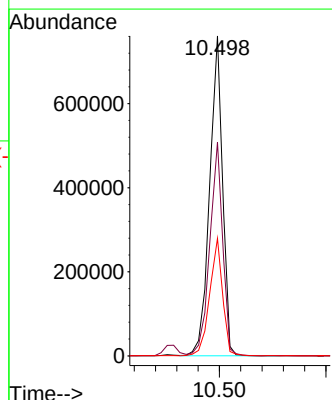
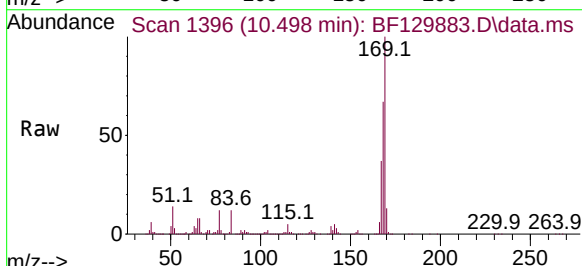
Manual Integrations  
APPROVED

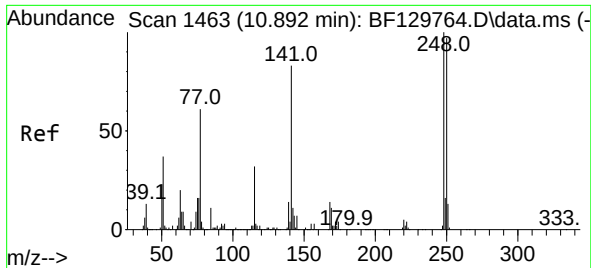
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#66  
n-Nitrosodiphenylamine  
Concen: 47.518 ng  
RT: 10.498 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:169 Resp: 640953  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.4 80.2  
167 36.7 29.1 43.7





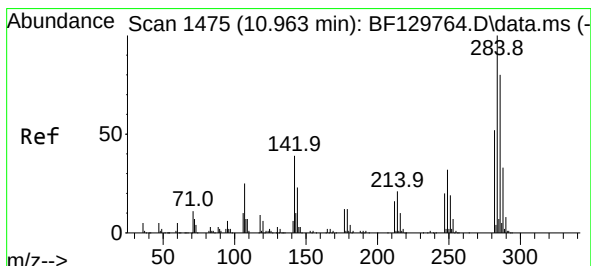
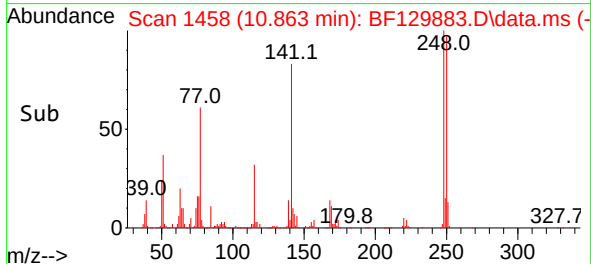
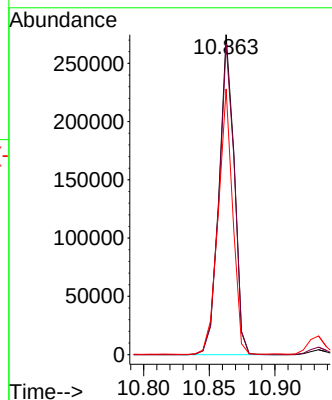
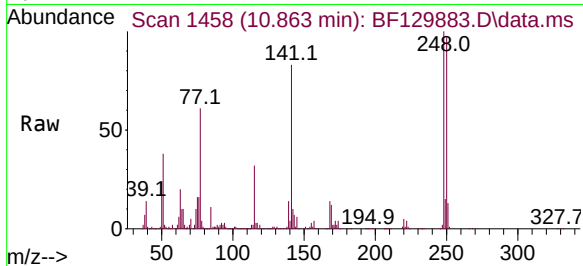
#67  
4-Bromophenyl-phenylether  
Concen: 47.334 ng  
RT: 10.863 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

Tgt Ion:248 Resp: 221562  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.8 116.6  
141 83.0 66.2 99.2

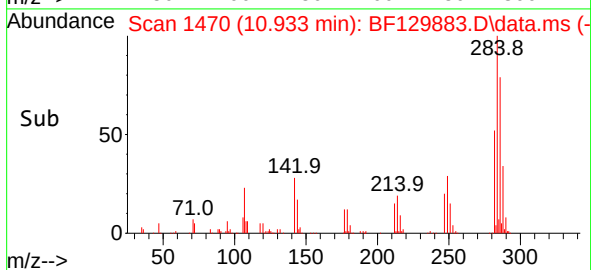
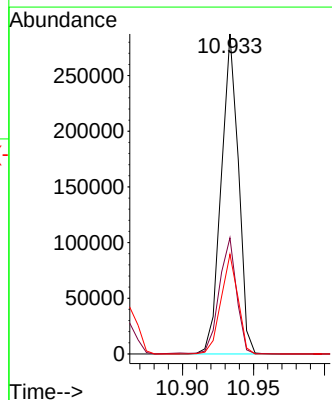
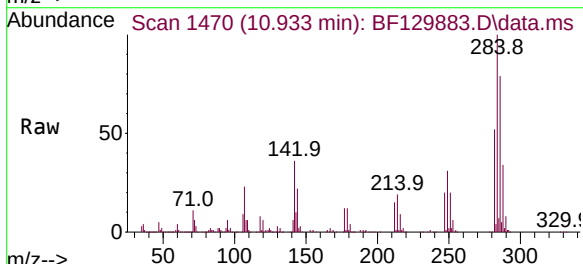
Manual Integrations  
APPROVED

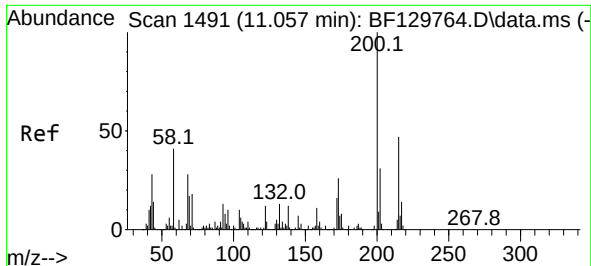
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#68  
Hexachlorobenzene  
Concen: 47.757 ng  
RT: 10.933 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

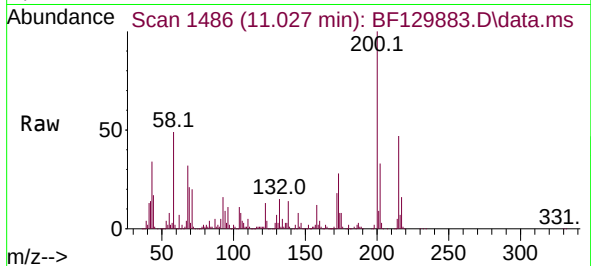
Tgt Ion:284 Resp: 242145  
Ion Ratio Lower Upper  
284 100  
142 36.3 31.4 47.0  
249 31.1 25.7 38.5





#69  
Atrazine  
Concen: 48.060 ng  
RT: 11.027 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

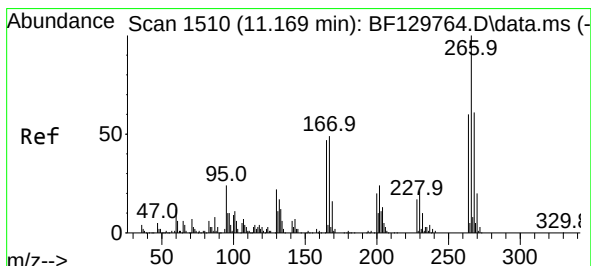
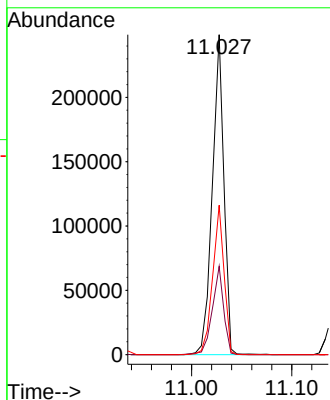
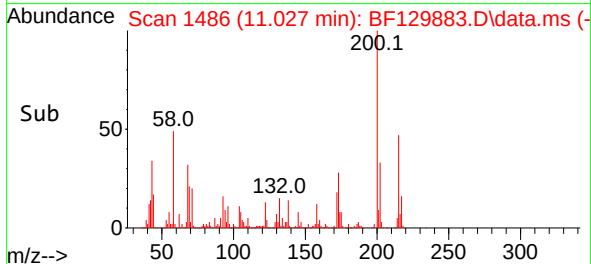
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



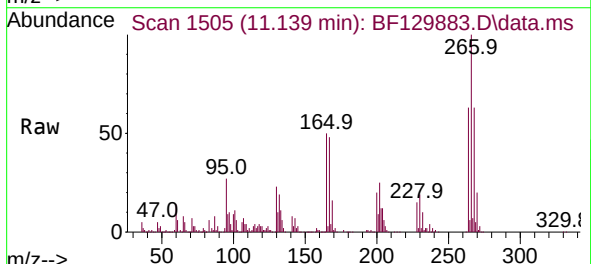
Tgt Ion:200 Resp: 198969  
Ion Ratio Lower Upper  
200 100  
173 27.6 6.4 46.4  
215 46.7 27.1 67.1

Manual Integrations  
APPROVED

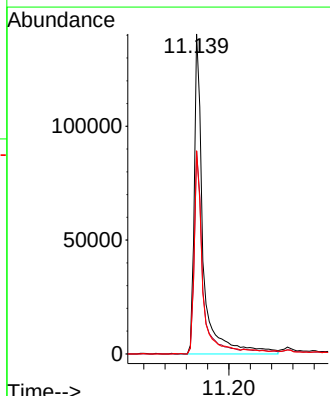
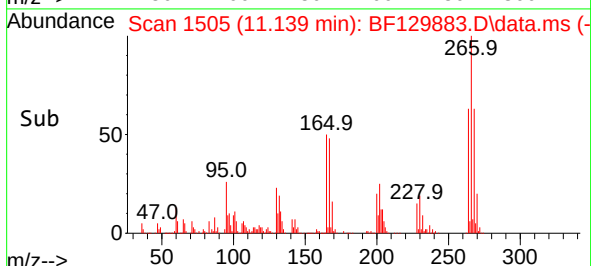
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

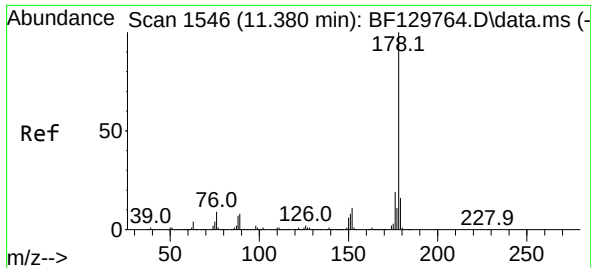


#70  
Pentachlorophenol  
Concen: 105.740 ng  
RT: 11.139 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



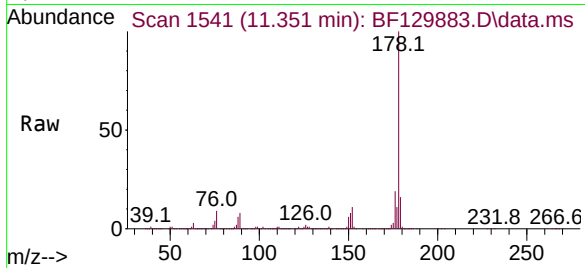
Tgt Ion:266 Resp: 163420  
Ion Ratio Lower Upper  
266 100  
268 63.4 49.0 73.4  
264 63.5 47.9 71.9





#71  
Phenanthrene  
Concen: 44.928 ng  
RT: 11.351 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

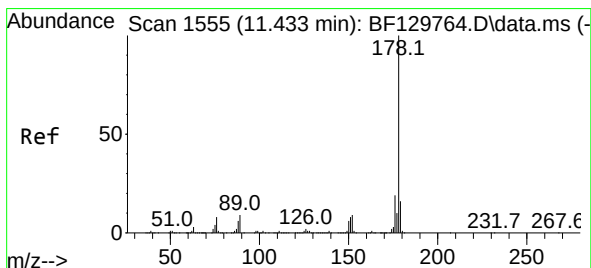
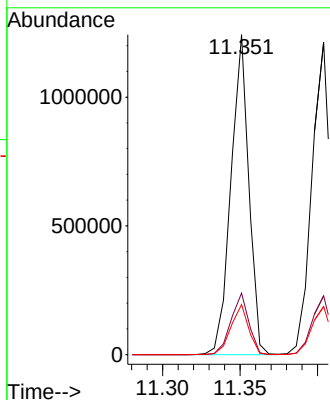
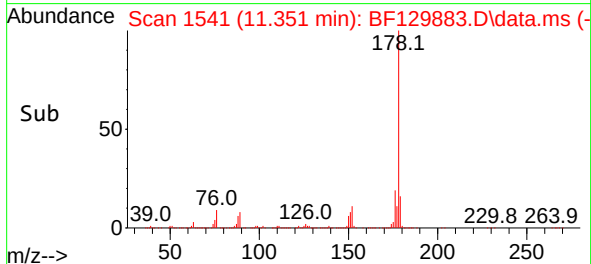
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



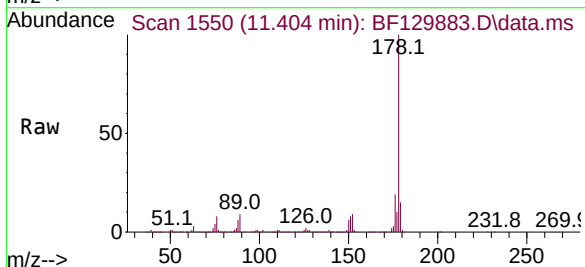
Tgt Ion:178 Resp: 1002783  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.6 12.5 18.7

Manual Integrations  
APPROVED

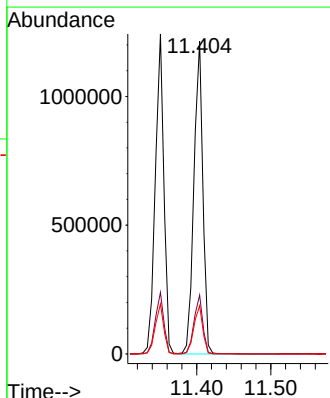
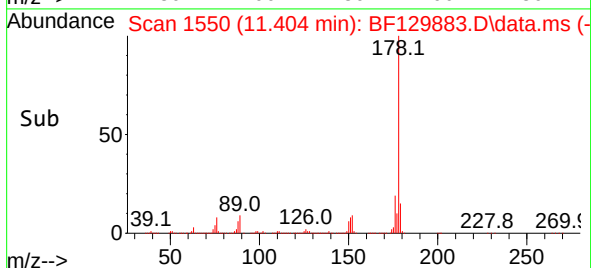
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

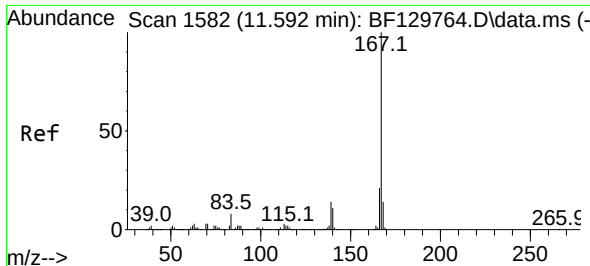


#72  
Anthracene  
Concen: 45.982 ng  
RT: 11.404 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



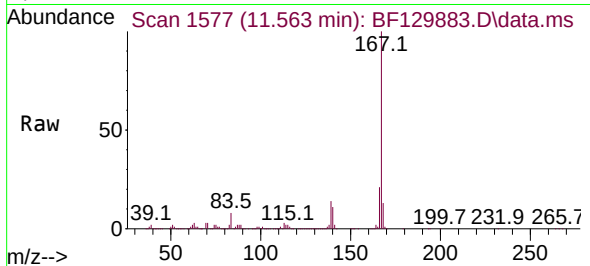
Tgt Ion:178 Resp: 1020601  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.4 12.6 18.8





#73  
 Carbazole  
 Concen: 43.564 ng  
 RT: 11.563 min Scan# 11577  
 Delta R.T. 0.000 min  
 Lab File: BF129883.D  
 Acq: 18 Aug 2022 19:11

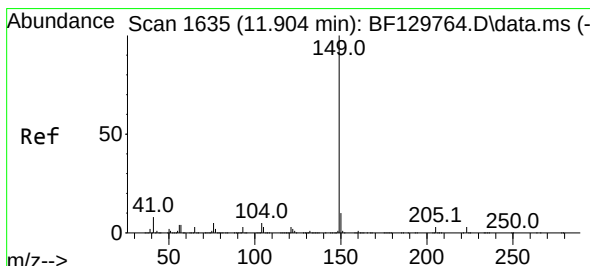
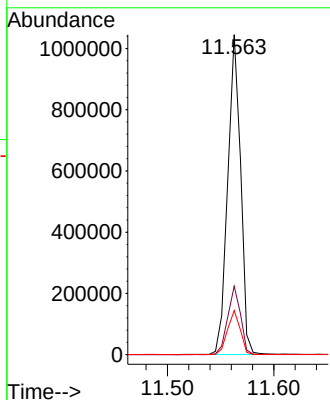
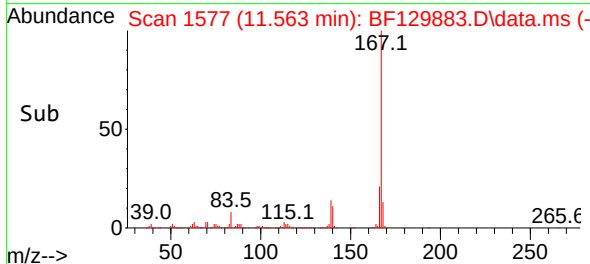
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S13MS



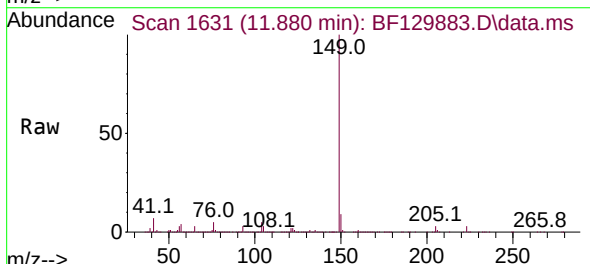
Tgt Ion:167 Resp: 877742  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.1 25.7  
 139 13.8 11.0 16.6

Manual Integrations  
 APPROVED

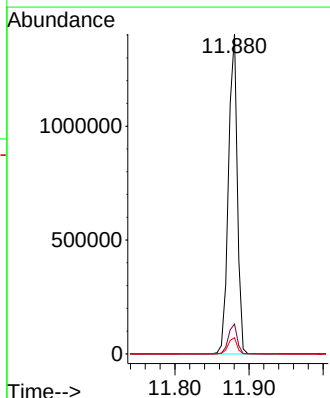
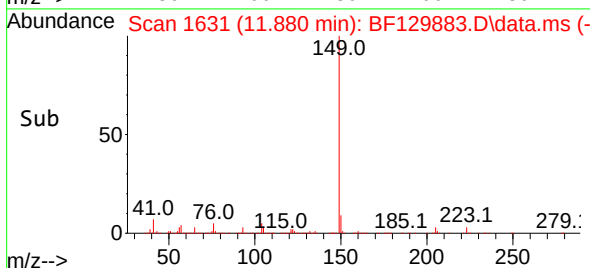
Reviewed By :Christian Giraldo 08/19/2022  
 Supervised By :Jagrut Upadhyay 08/19/2022



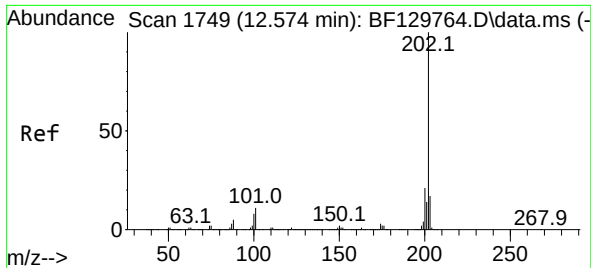
#74  
 Di-n-butylphthalate  
 Concen: 44.812 ng  
 RT: 11.880 min Scan# 1631  
 Delta R.T. 0.000 min  
 Lab File: BF129883.D  
 Acq: 18 Aug 2022 19:11



Tgt Ion:149 Resp: 1162039  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.6  
 104 5.0 4.2 6.4

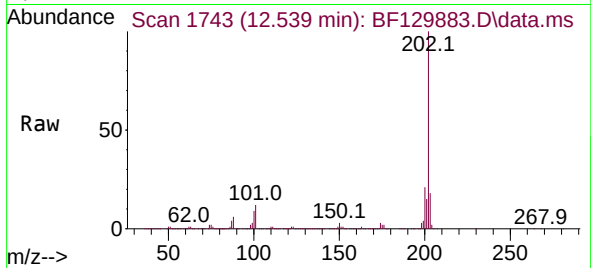






#75  
Fluoranthene  
Concen: 40.750 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

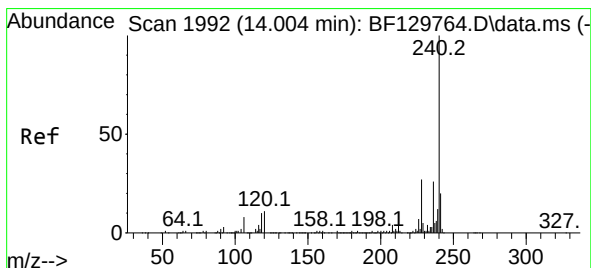
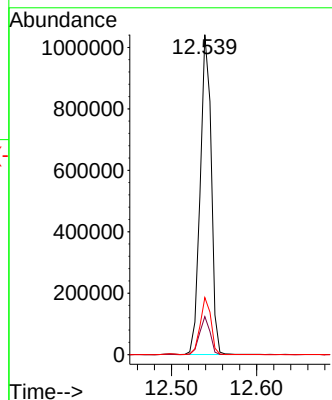
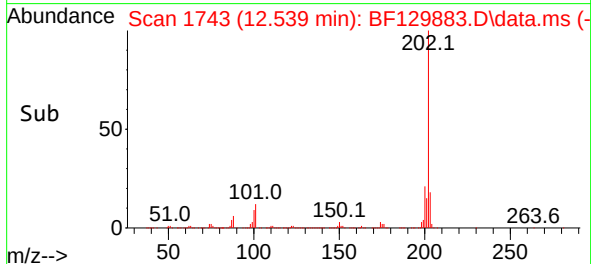
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



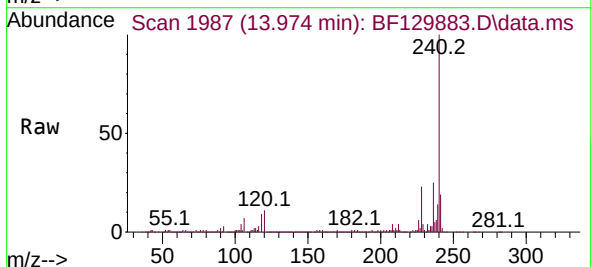
Tgt Ion:202 Resp: 93069  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 30.7  
203 17.8 0.0 37.5

Manual Integrations  
APPROVED

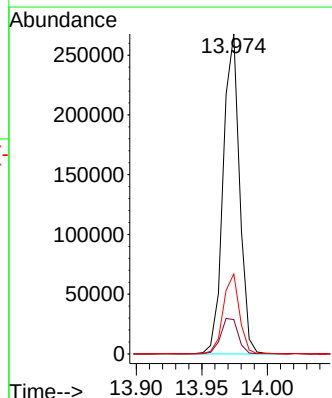
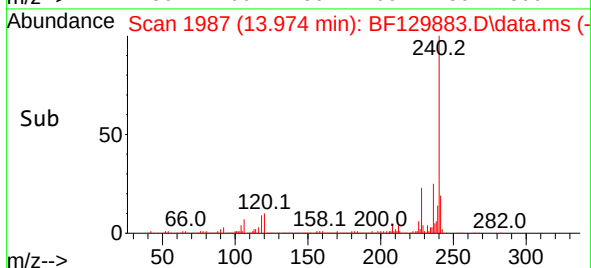
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

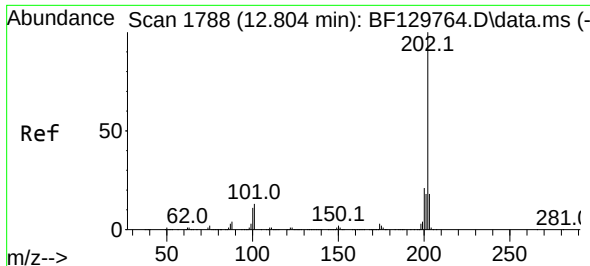


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



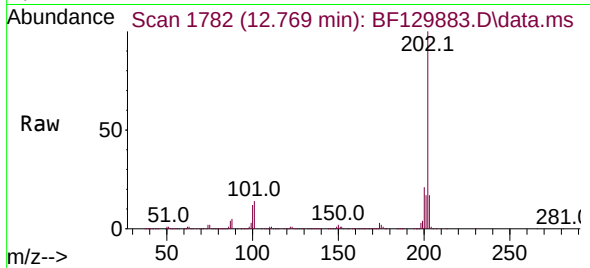
Tgt Ion:240 Resp: 233527  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.2 13.8  
236 25.0 20.7 31.1





#78  
Pyrene  
Concen: 45.164 ng  
RT: 12.769 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

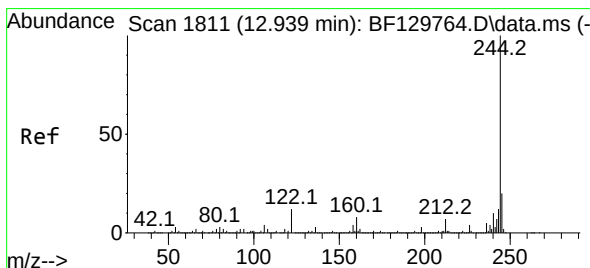
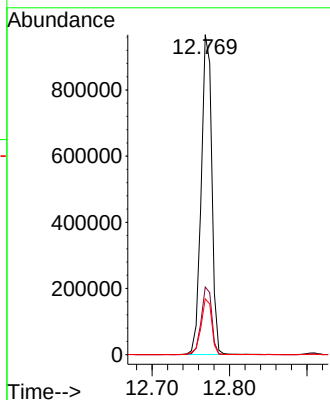
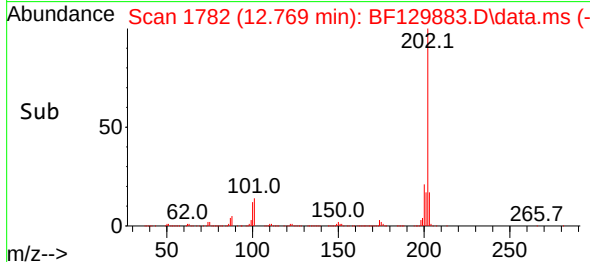
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



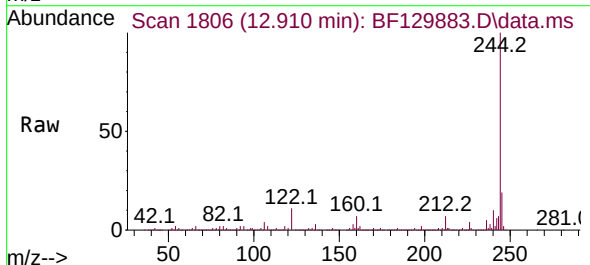
Tgt Ion:202 Resp: 916523  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 17.4 14.1 21.1

Manual Integrations  
APPROVED

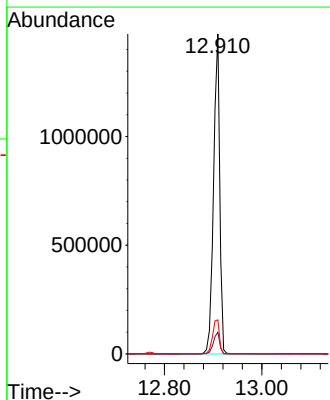
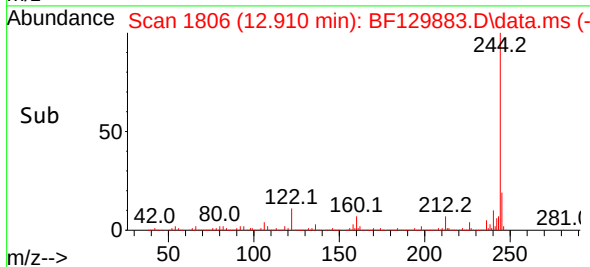
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

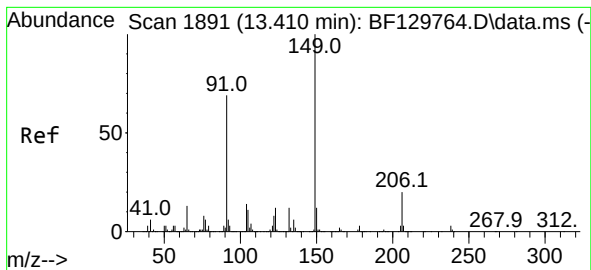


#79  
Terphenyl-d14  
Concen: 92.654 ng  
RT: 12.910 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:244 Resp: 1300367  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 10.6 9.9 14.9





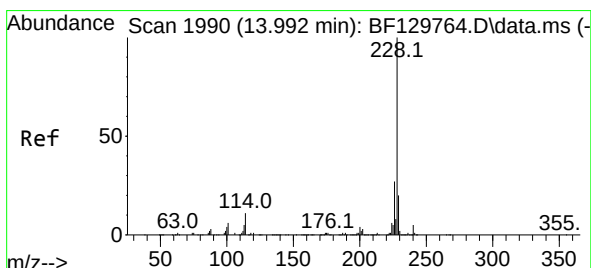
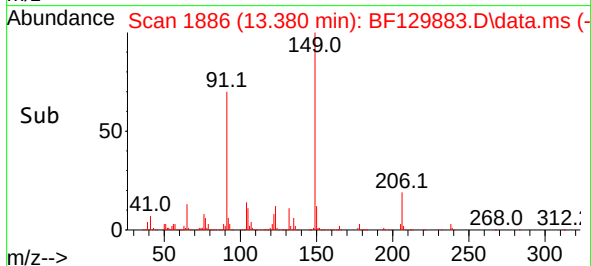
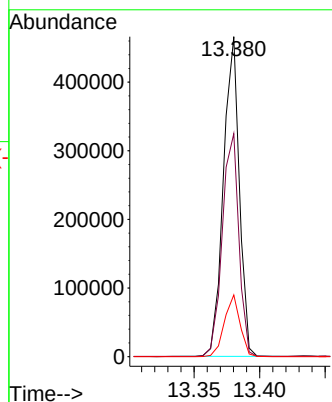
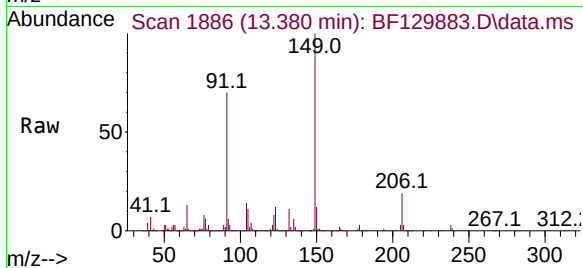
#80  
Butylbenzylphthalate  
Concen: 45.931 ng  
RT: 13.380 min Scan# 1886  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
S13MS

Tgt Ion:149 Resp: 394414  
Ion Ratio Lower Upper  
149 100  
91 69.7 55.4 83.0  
206 19.3 15.8 23.6

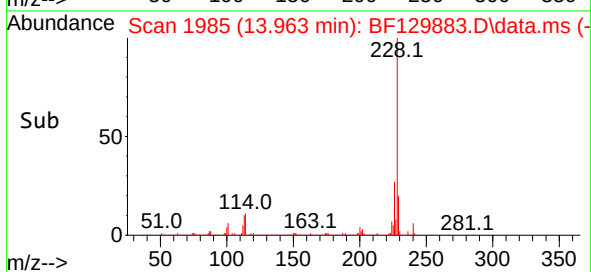
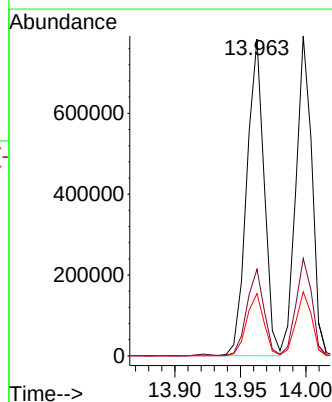
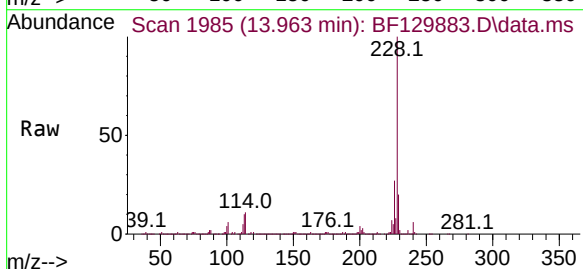
Manual Integrations  
APPROVED

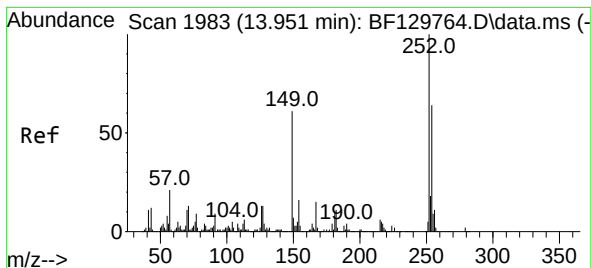
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#81  
Benzo(a)anthracene  
Concen: 44.809 ng  
RT: 13.963 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

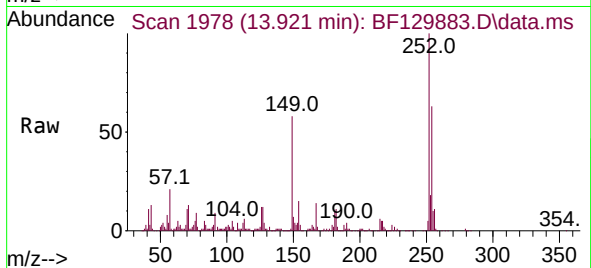
Tgt Ion:228 Resp: 719833  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.4 32.0  
229 19.7 16.1 24.1





#82  
3,3'-Dichlorobenzidine  
Concen: 38.092 ng  
RT: 13.921 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

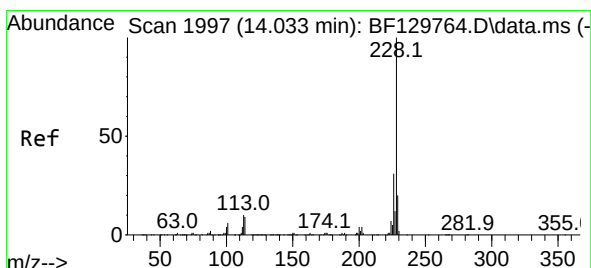
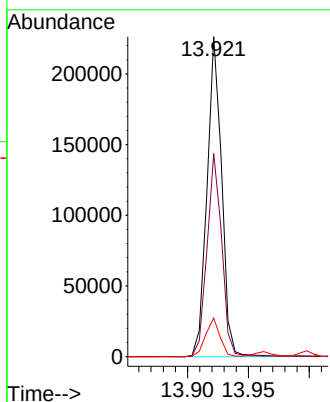
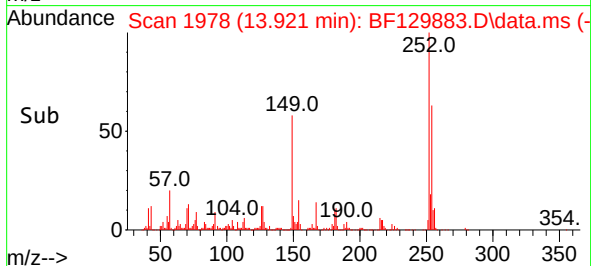
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



Tgt Ion:252 Resp: 189516  
Ion Ratio Lower Upper  
252 100  
254 63.5 51.4 77.2  
126 12.1 10.2 15.4

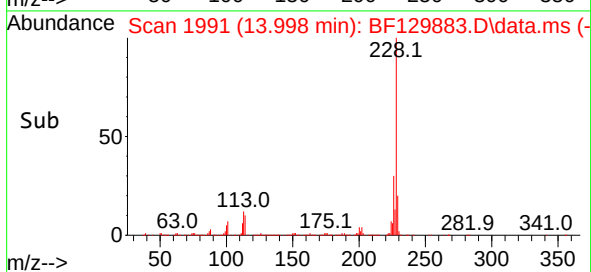
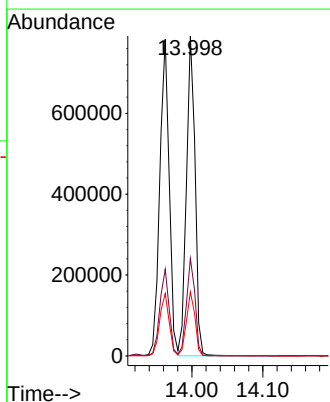
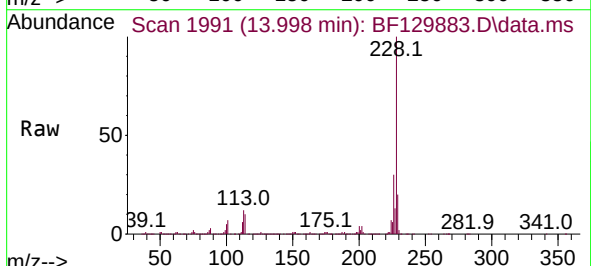
Manual Integrations  
APPROVED

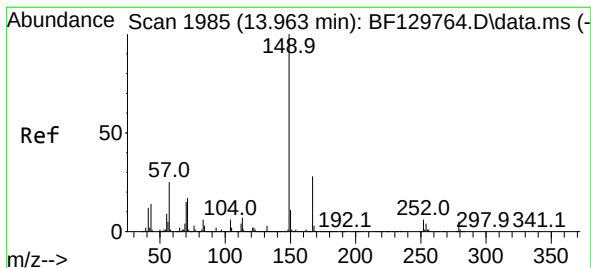
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



#83  
Chrysene  
Concen: 44.763 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Tgt Ion:228 Resp: 673125  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.4 36.6  
229 20.0 15.9 23.9





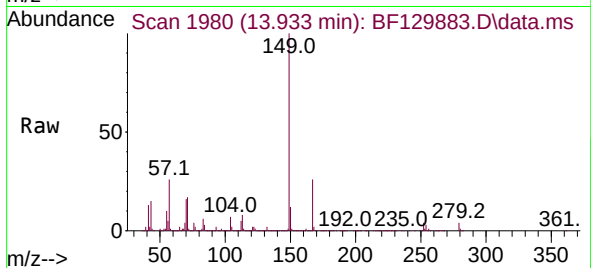
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.314 ng  
RT: 13.933 min Scan# 1985  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

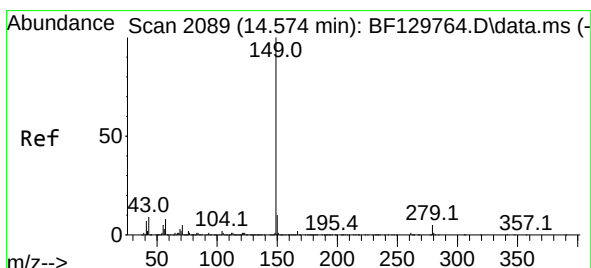
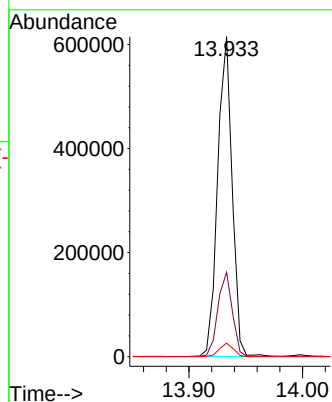
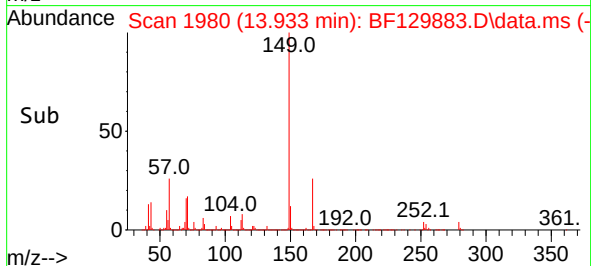
S13MS



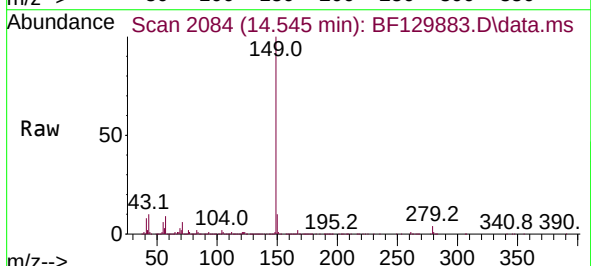
Tgt Ion:149 Resp: 543142  
Ion Ratio Lower Upper  
149 100  
167 26.4 22.0 33.0  
279 4.2 3.6 5.4

Manual Integrations  
APPROVED

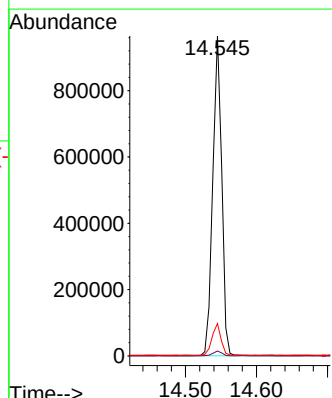
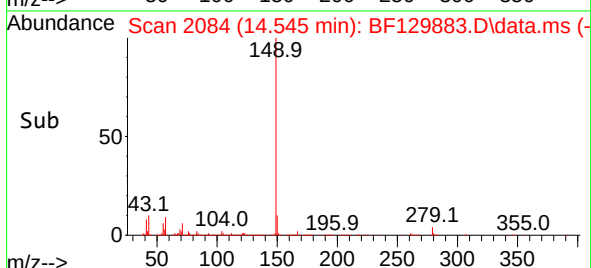
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

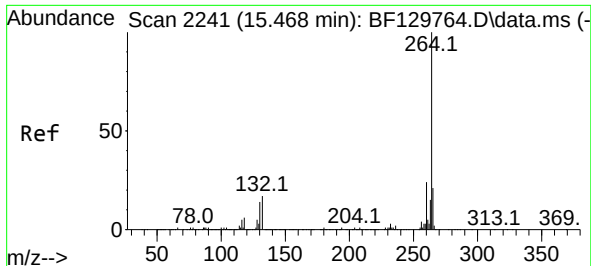


#85  
Di-n-octyl phthalate  
Concen: 59.980 ng  
RT: 14.545 min Scan# 2084  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



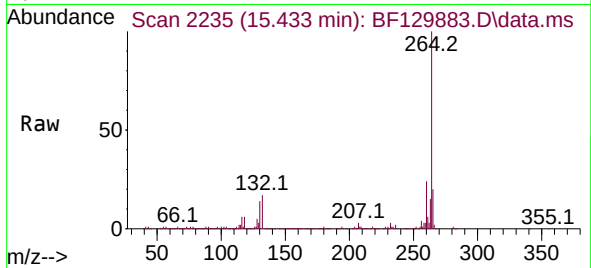
Tgt Ion:149 Resp: 843533  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.7 7.8 11.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.433 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

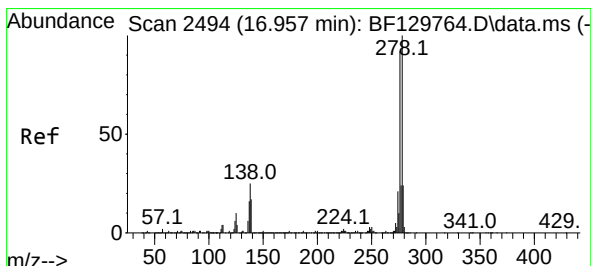
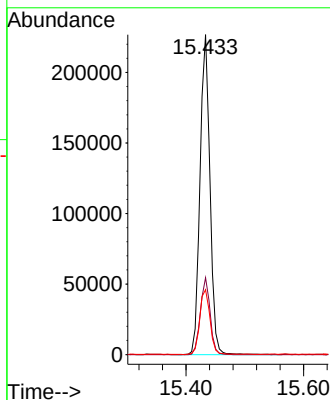
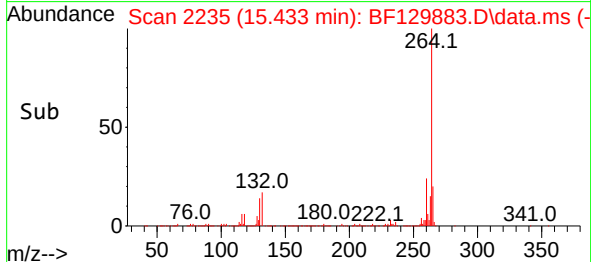
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



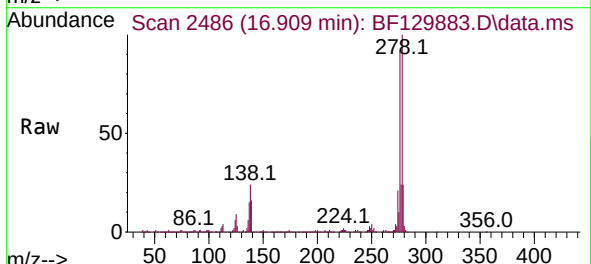
Tgt Ion:264 Resp: 265024  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.1 28.7  
265 20.3 16.7 25.1

Manual Integrations  
APPROVED

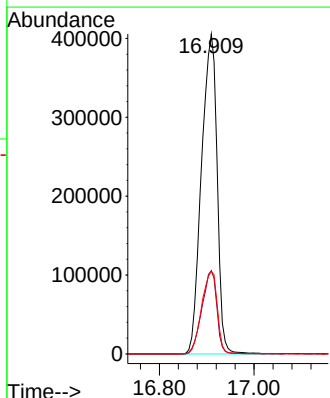
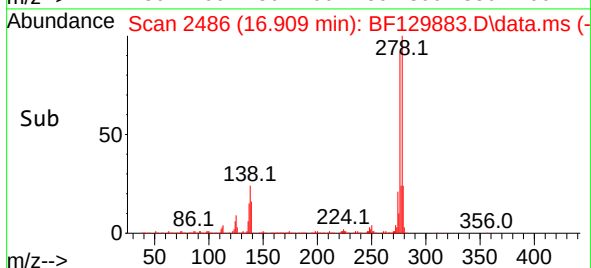
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022

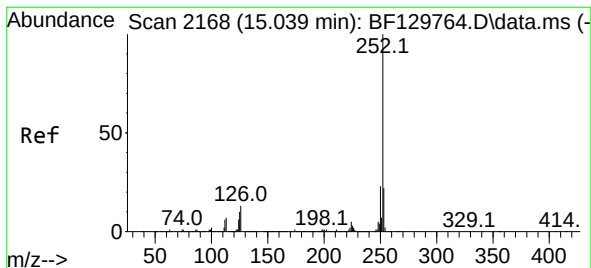


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.082 ng  
RT: 16.909 min Scan# 2486  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:276 Resp: 929403  
Ion Ratio Lower Upper  
276 100  
138 24.7 19.8 29.8  
277 25.7 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 43.694 ng

RT: 15.010 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

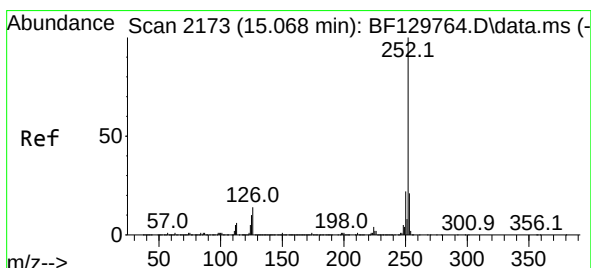
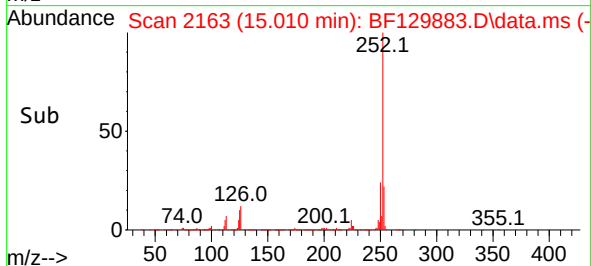
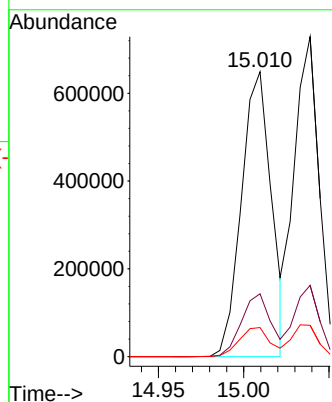
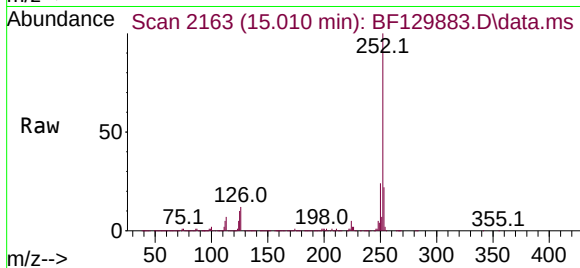
S13MS

Tgt Ion:252 Resp: 792942  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.5 26.3  
 125 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/19/2022  
 Supervised By :Jagrut Upadhyay 08/19/2022



#89

Benzo(k)fluoranthene

Concen: 42.933 ng

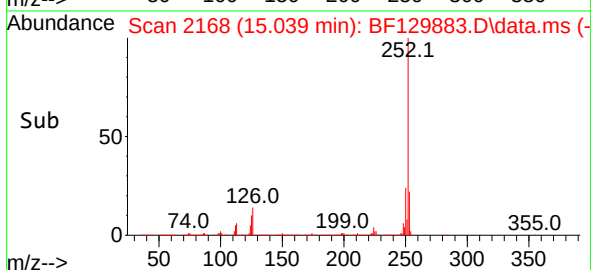
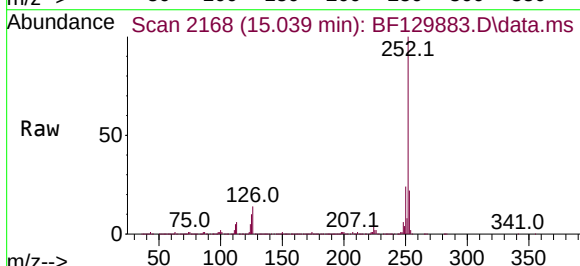
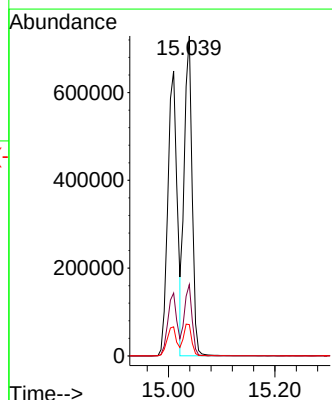
RT: 15.039 min Scan# 2168

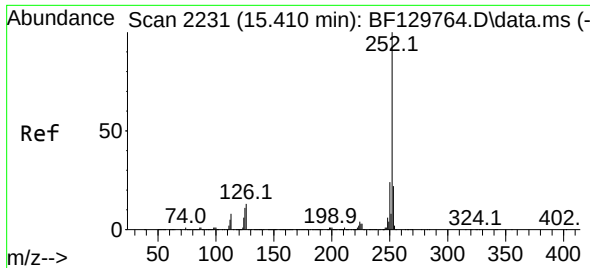
Delta R.T. 0.006 min

Lab File: BF129883.D

Acq: 18 Aug 2022 19:11

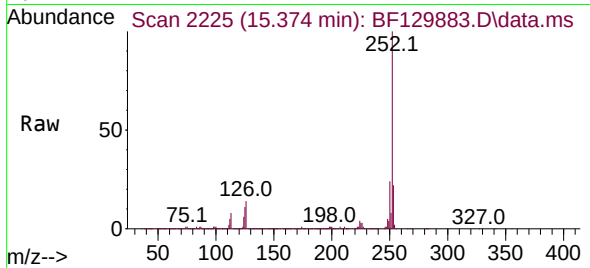
Tgt Ion:252 Resp: 747190  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.1 25.7  
 125 9.8 8.3 12.5





#90  
Benzo(a)pyrene  
Concen: 48.149 ng  
RT: 15.374 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11

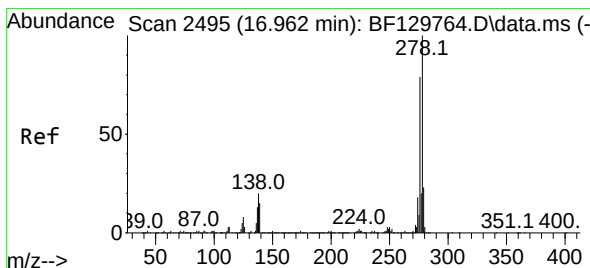
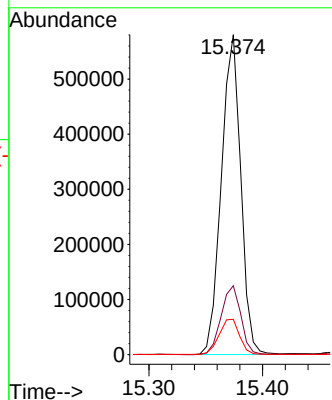
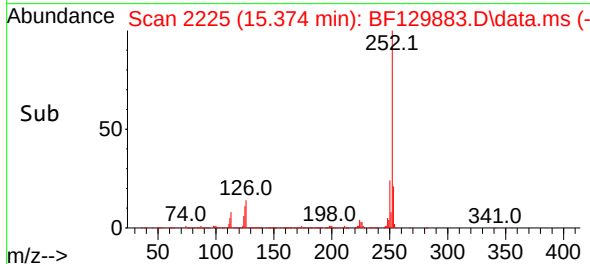
Instrument :  
BNA\_F  
ClientSampleId :  
S13MS



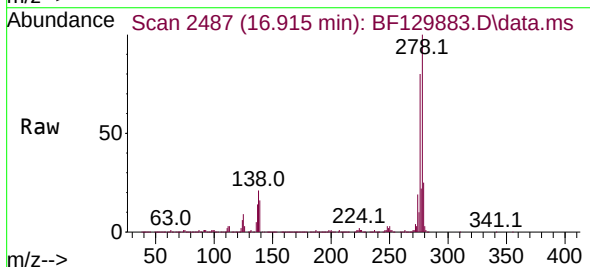
Tgt Ion:252 Resp: 688102  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 11.0 8.8 13.2

Manual Integrations  
APPROVED

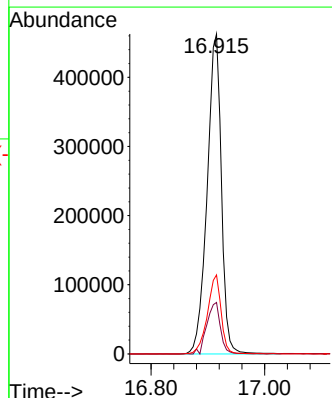
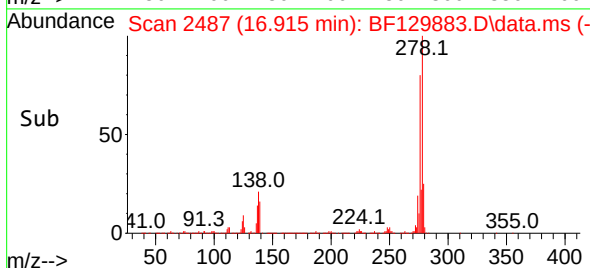
Reviewed By :Christian Giraldo 08/19/2022  
Supervised By :Jagrut Upadhyay 08/19/2022



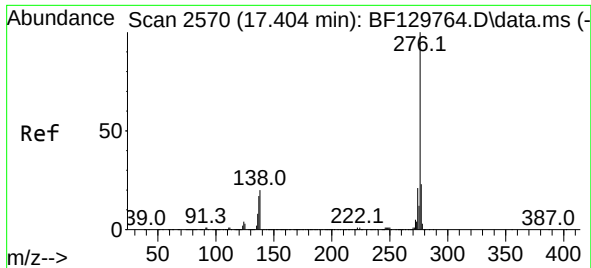
#91  
Dibenzo(a,h)anthracene  
Concen: 53.767 ng  
RT: 16.915 min Scan# 2487  
Delta R.T. 0.012 min  
Lab File: BF129883.D  
Acq: 18 Aug 2022 19:11



Tgt Ion:278 Resp: 807170  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.2 18.4  
279 24.7 18.7 28.1

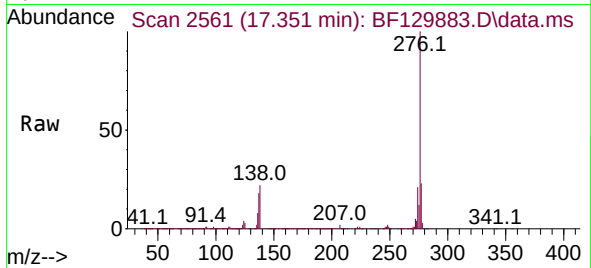






#92  
 Benzo(g,h,i)perylene  
 Concen: 53.524 ng  
 RT: 17.351 min Scan# 2561  
 Delta R.T. 0.006 min  
 Lab File: BF129883.D  
 Acq: 18 Aug 2022 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S13MS



Tgt Ion: 276 Resp: 801639  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 18.2 27.4  
 138 21.6 15.8 23.8

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/19/2022  
 Supervised By : Jagrut Upadhyay 08/19/2022

