

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050422\  
 Data File : BF128061.D  
 Acq On : 04 May 2022 09:59  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 05:59:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 04:23:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 114079   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 419919   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.963  | 164  | 233367   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 403145   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.104 | 240  | 267195   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.610 | 264  | 223052   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 572289   | 79.904 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.551  | 99   | 769287   | 82.777 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 787081   | 88.140 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.757 | 330  | 211831   | 90.170 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1240279  | 89.911 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1277290  | 87.412 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.752  | 88   | 133542   | 39.079 | ng    | 98       |
| 3) Pyridine                   | 3.522  | 79   | 359222   | 41.026 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 181501   | 42.825 | ng    | 92       |
| 6) Aniline                    | 6.587  | 93   | 459416   | 41.607 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.704  | 128  | 304103   | 40.909 | ng    | 96       |
| 9) Benzaldehyde               | 6.475  | 77   | 206273   | 35.878 | ng    | 96       |
| 10) Phenol                    | 6.563  | 94   | 389680m  | 41.574 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 317283   | 40.806 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 342428   | 40.018 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.934  | 146  | 342553   | 40.107 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.092  | 146  | 318123   | 40.234 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.063  | 79   | 322156   | 50.975 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.187  | 45   | 483038   | 40.647 | ng    | 99       |
| 17) 2-Methylphenol            | 7.169  | 107  | 258816   | 40.353 | ng    | 99       |
| 18) Hexachloroethane          | 7.428  | 117  | 132398   | 42.165 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 242612   | 42.646 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.322  | 107  | 320430   | 41.356 | ng    | 97       |
| 22) Acetophenone              | 7.334  | 105  | 420880   | 41.123 | ng    | 99       |
| 24) Nitrobenzene              | 7.504  | 77   | 371805   | 43.209 | ng    | 98       |
| 25) Isophorone                | 7.745  | 82   | 639511   | 42.550 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.822  | 139  | 166083   | 45.294 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 248570   | 40.813 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 404089   | 41.952 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 264366   | 41.433 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.139  | 180  | 301774   | 41.637 | ng    | 99       |
| 31) Naphthalene               | 8.228  | 128  | 867825   | 40.577 | ng    | 100      |
| 32) Benzoic acid              | 7.987  | 122  | 172035   | 39.409 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.275  | 127  | 348814   | 41.220 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.334  | 225  | 203585   | 44.595 | ng    | 97       |
| 35) Caprolactam               | 8.663  | 113  | 81482    | 39.562 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.757  | 107  | 292510   | 42.926 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.916  | 142  | 580776   | 41.089 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.016  | 142  | 561554   | 40.874 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.081  | 216  | 294225   | 42.775 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.063  | 237  | 152740   | 40.985 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.192  | 196  | 193045   | 42.652 | ng    | 100      |

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Manual Integrations  
 APPROVED

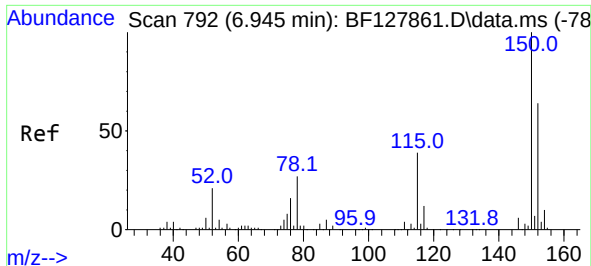
Reviewed By : Christian Giraldo 05/05/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 05:59:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.239  | 196  | 205513   | 41.770 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.381  | 154  | 725071   | 41.944 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 536909   | 40.799 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.504  | 65   | 197996   | 44.479 | ng    | 94       |
| 49) Acenaphthylene            | 9.828  | 152  | 823237   | 40.896 | ng    | 100      |
| 50) Dimethylphthalate         | 9.681  | 163  | 645540   | 41.246 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.751  | 165  | 140984   | 41.606 | ng    | 93       |
| 52) Acenaphthene              | 9.998  | 154  | 557185m  | 41.171 | ng    |          |
| 53) 3-Nitroaniline            | 9.922  | 138  | 146660   | 38.976 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 10.028 | 184  | 78697    | 44.099 | ng    | 87       |
| 55) Dibenzofuran              | 10.169 | 168  | 787811   | 40.348 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.081 | 139  | 102671   | 35.732 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.157 | 165  | 183183   | 40.811 | ng    | 91       |
| 58) Fluorene                  | 10.516 | 166  | 609023   | 41.800 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232  | 169041   | 40.856 | ng    | 98       |
| 60) Diethylphthalate          | 10.381 | 149  | 634519   | 41.345 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 306373   | 42.316 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.539 | 138  | 140469   | 38.184 | ng    | 96       |
| 63) Azobenzene                | 10.663 | 77   | 697333   | 41.293 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 115296   | 48.131 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.622 | 169  | 526429   | 41.966 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 194669   | 43.559 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 206974   | 43.957 | ng    | 93       |
| 69) Atrazine                  | 11.151 | 200  | 160563   | 41.394 | ng    | 98       |
| 70) Pentachlorophenol         | 11.257 | 266  | 106280   | 38.367 | ng    | 97       |
| 71) Phenanthrene              | 11.480 | 178  | 861074   | 40.804 | ng    | 99       |
| 72) Anthracene                | 11.533 | 178  | 868361   | 41.308 | ng    | 99       |
| 73) Carbazole                 | 11.686 | 167  | 802199   | 39.595 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.004 | 149  | 959533   | 42.118 | ng    | 99       |
| 75) Fluoranthene              | 12.674 | 202  | 879637   | 39.606 | ng    | 97       |
| 77) Benzidine                 | 12.792 | 184  | 255572   | 50.551 | ng    | 99       |
| 78) Pyrene                    | 12.904 | 202  | 891418   | 41.328 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 378560   | 44.778 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.092 | 228  | 743397   | 41.742 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.051 | 252  | 221320   | 39.139 | ng    | 99       |
| 83) Chrysene                  | 14.133 | 228  | 682556   | 40.130 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.063 | 149  | 507005   | 45.223 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 783146   | 45.075 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.157 | 276  | 623273   | 41.863 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.163 | 252  | 618233   | 44.129 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 548731   | 38.877 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.545 | 252  | 486392   | 41.855 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.174 | 278  | 509462   | 42.667 | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 17.627 | 276  | 516750   | 41.066 | ng    | 97       |

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





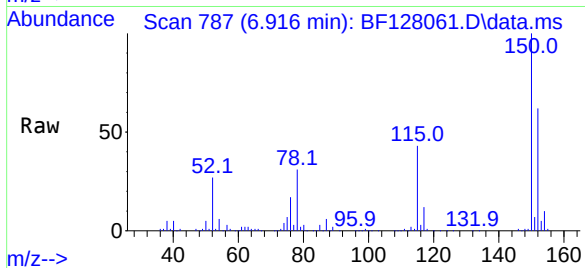
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

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SSTDCCC040

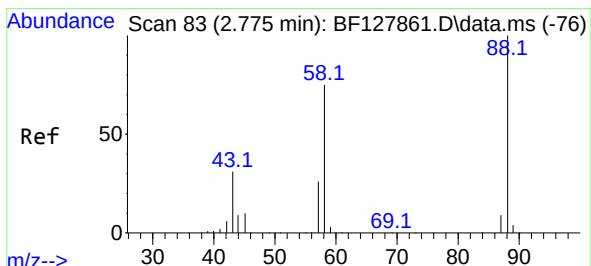
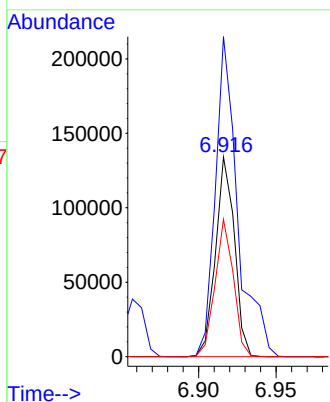
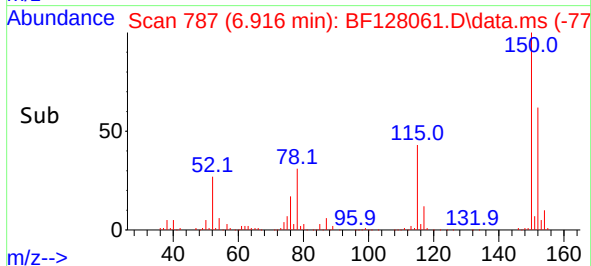


Tgt Ion:152 Resp: 114079  
Ion Ratio Lower Upper  
152 100  
150 160.3 125.3 187.9  
115 68.7 48.8 73.2

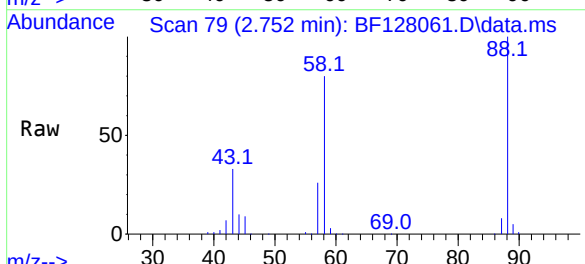
Manual Integrations

APPROVED

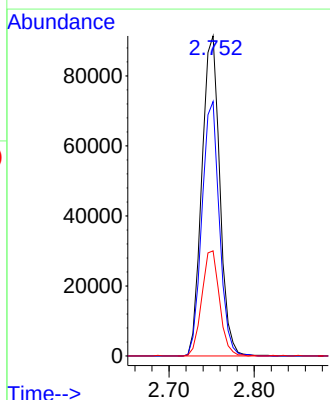
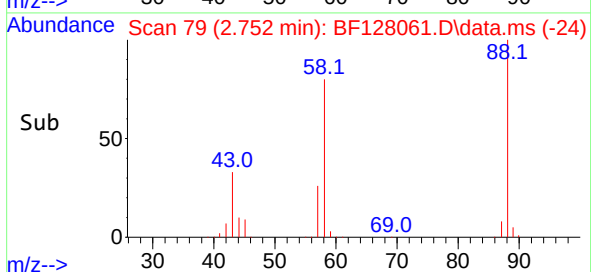
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

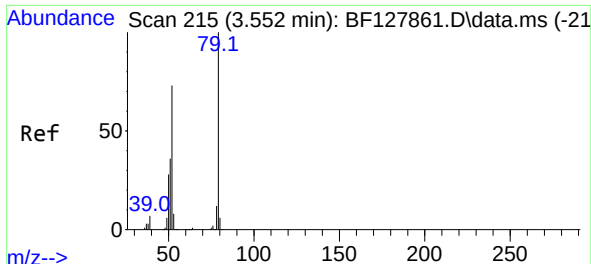


#2  
1,4-Dioxane  
Concen: 39.079 ng  
RT: 2.752 min Scan# 79  
Delta R.T. 0.024 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



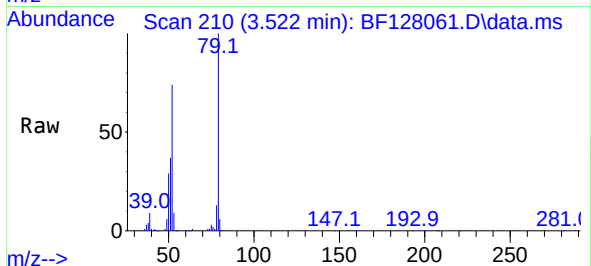
Tgt Ion: 88 Resp: 133542  
Ion Ratio Lower Upper  
88 100  
58 77.2 61.0 91.4  
43 32.4 24.9 37.3





#3  
Pyridine  
Concen: 41.026 ng  
RT: 3.522 min Scan# 215  
Delta R.T. 0.018 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

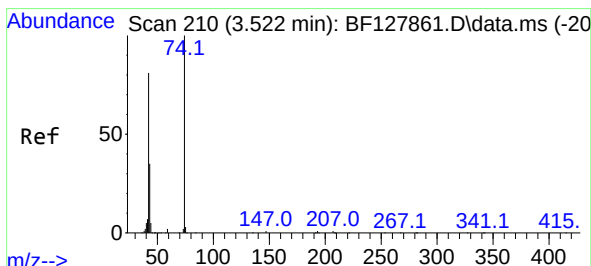
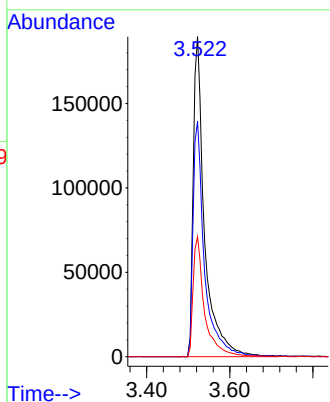
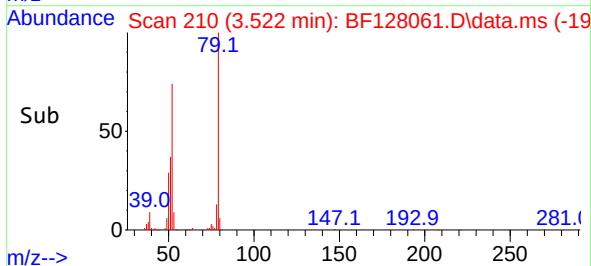
Instrument :  
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ClientSampleId :  
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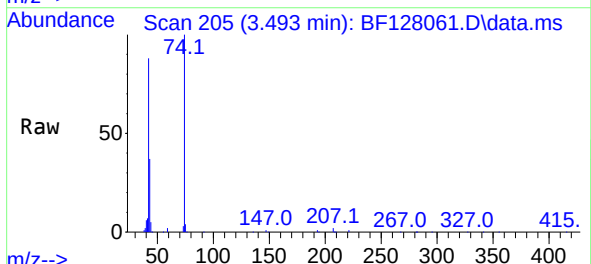
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Ion Ratio Lower Upper  
79 100  
52 73.5 58.3 87.5  
51 37.5 28.6 42.8

Manual Integrations  
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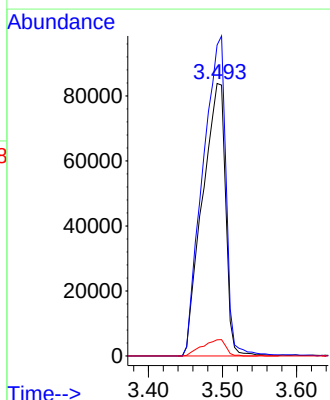
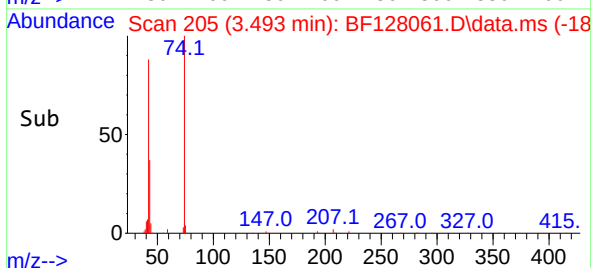
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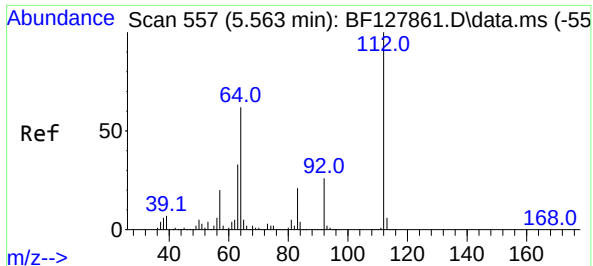


#4  
n-Nitrosodimethylamine  
Concen: 42.825 ng  
RT: 3.493 min Scan# 205  
Delta R.T. 0.018 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion: 42 Resp: 181501  
Ion Ratio Lower Upper  
42 100  
74 114.0 99.0 148.4  
44 6.0 5.2 7.8





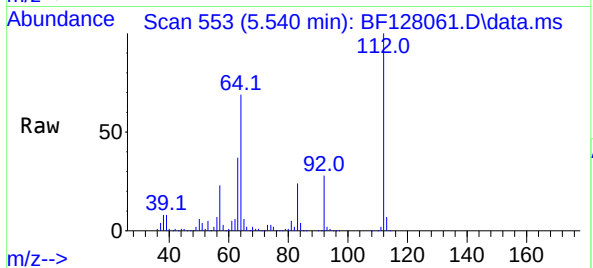
#5  
2-Fluorophenol  
Concen: 79.904 ng  
RT: 5.540 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

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SSTDCCC040

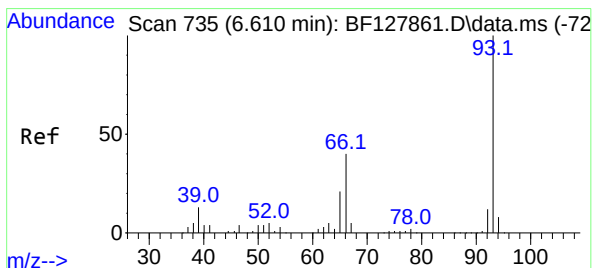
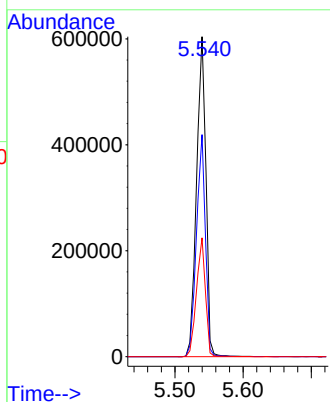
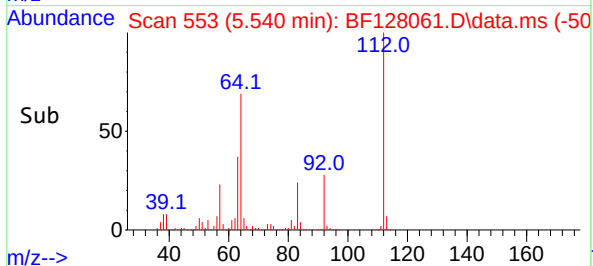


Tgt Ion: 112 Resp: 572289  
Ion Ratio Lower Upper  
112 100  
64 69.4 49.5 74.3  
63 37.1 26.3 39.5

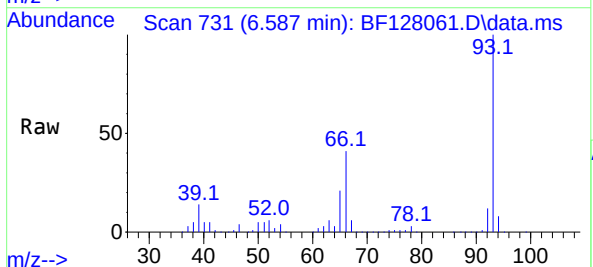
Manual Integrations

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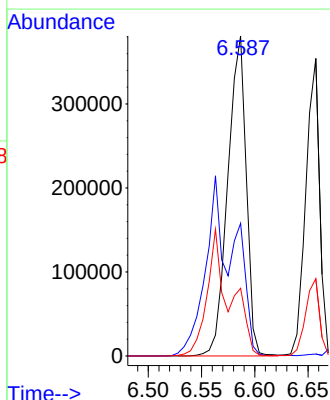
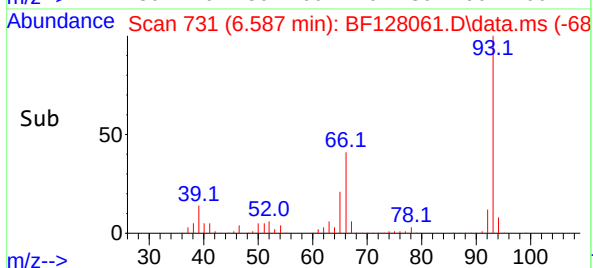
Reviewed By :Christian Giraldo 05/05/2022  
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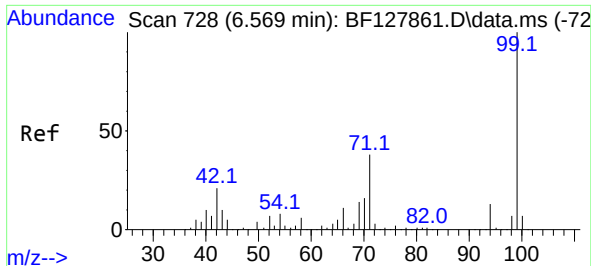


#6  
Aniline  
Concen: 41.607 ng  
RT: 6.587 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



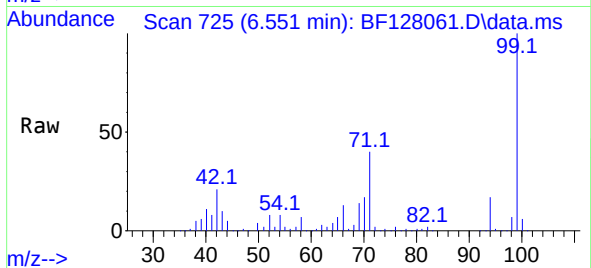
Tgt Ion: 93 Resp: 459416  
Ion Ratio Lower Upper  
93 100  
66 41.4 32.2 48.4  
65 21.2 16.7 25.1





#7  
Phenol-d6  
Concen: 82.777 ng  
RT: 6.551 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

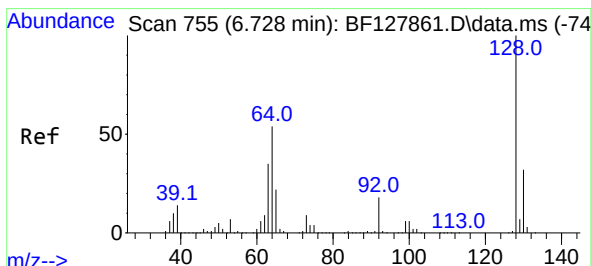
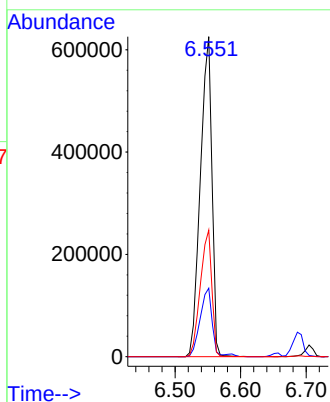
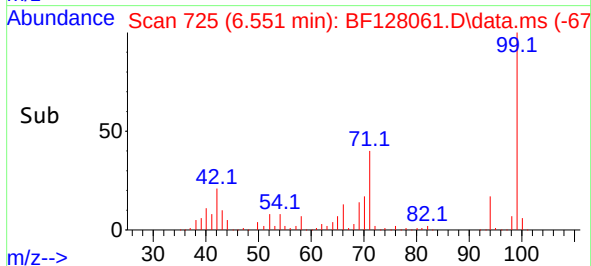
Instrument :  
BNA\_F  
ClientSampleId :  
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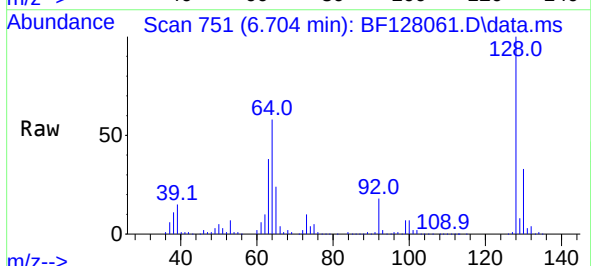
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Ion Ratio Lower Upper  
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71 39.6 30.0 45.0

Manual Integrations  
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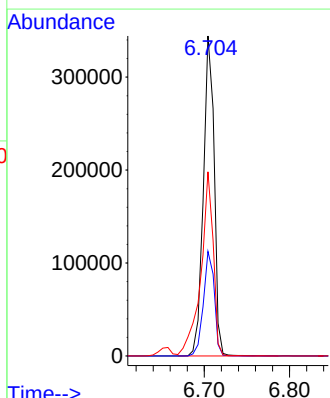
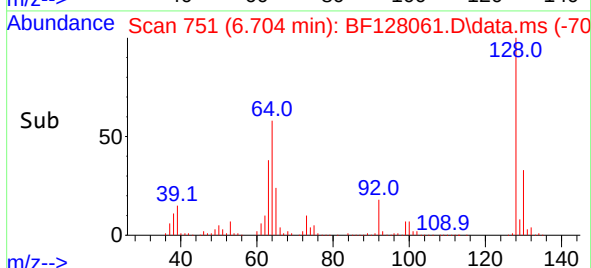
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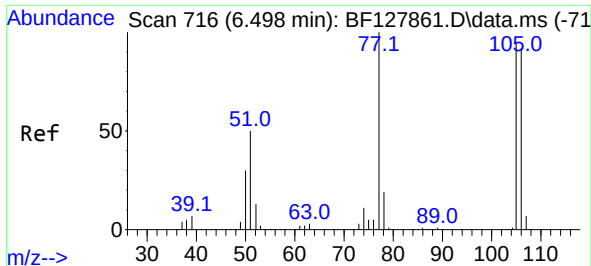


#8  
2-Chlorophenol  
Concen: 40.909 ng  
RT: 6.704 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:128 Resp: 304103  
Ion Ratio Lower Upper  
128 100  
130 32.6 11.6 51.6  
64 57.5 33.8 73.8





#9  
Benzaldehyde  
Concen: 35.878 ng  
RT: 6.475 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

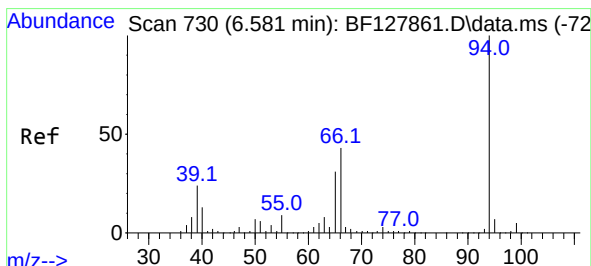
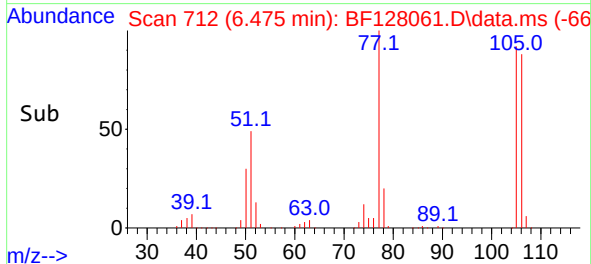
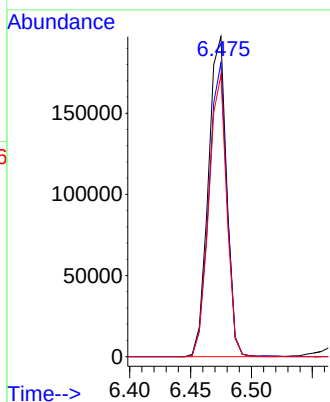
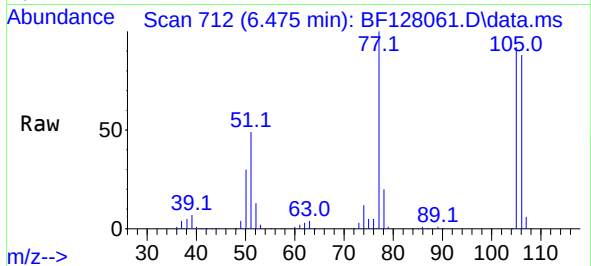
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 20627

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 91.8  | 74.9  | 114.9 |
| 106 | 88.1  | 72.2  | 112.2 |

Manual Integrations  
APPROVED

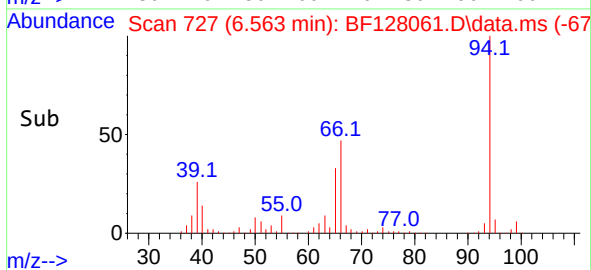
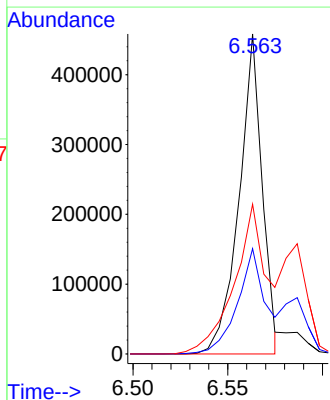
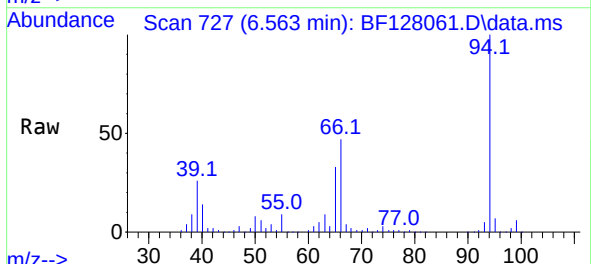
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



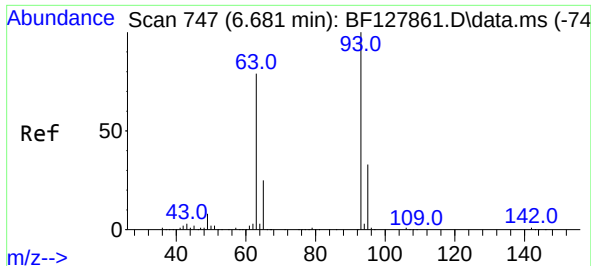
#10  
Phenol  
Concen: 41.574 ng m  
RT: 6.563 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion: 94 Resp: 389680

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.9  | 10.6  | 50.6  |
| 66  | 46.8  | 22.6  | 62.6  |







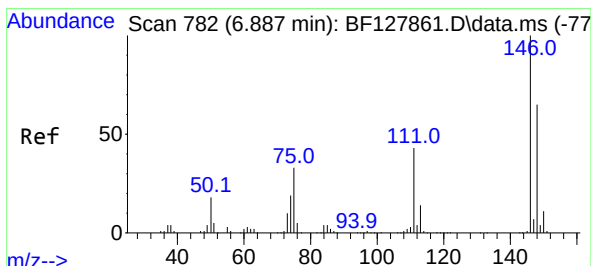
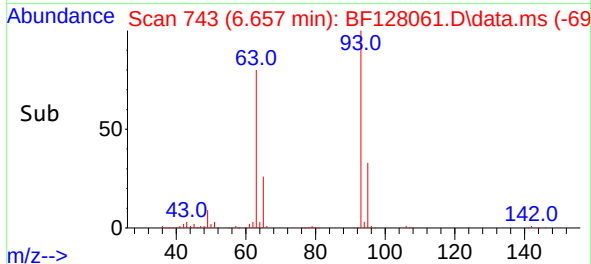
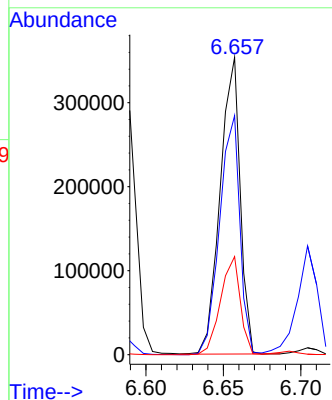
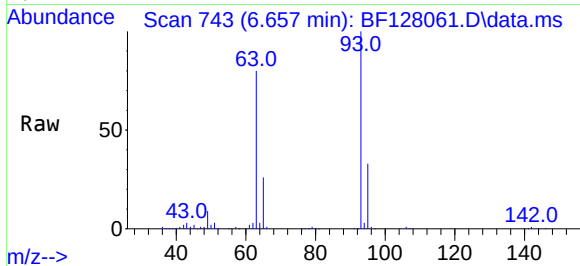
#11  
bis(2-Chloroethyl)ether  
Concen: 40.806 ng  
RT: 6.657 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 31728  
Ion Ratio Lower Upper  
93 100  
63 80.4 58.6 98.6  
95 33.0 12.9 52.9

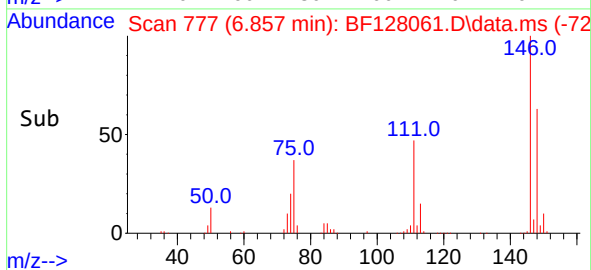
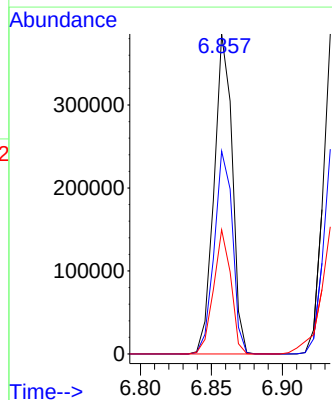
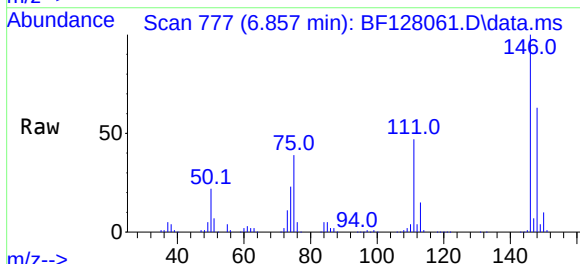
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

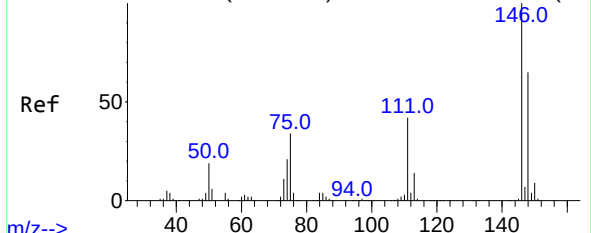


#12  
1,3-Dichlorobenzene  
Concen: 40.018 ng  
RT: 6.857 min Scan# 777  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:146 Resp: 342428  
Ion Ratio Lower Upper  
146 100  
148 63.4 52.1 78.1  
75 38.8 26.2 39.4

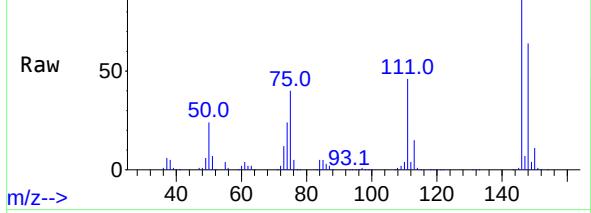


Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



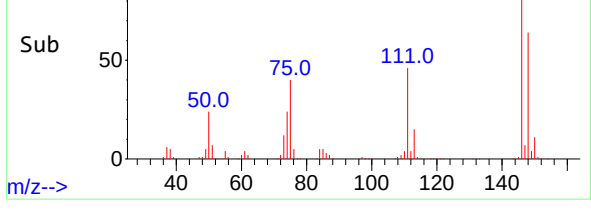
m/z-->

Abundance Scan 790 (6.934 min): BF128061.D\data.ms



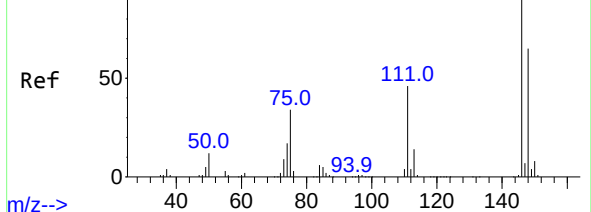
m/z-->

Abundance Scan 790 (6.934 min): BF128061.D\data.ms (-74



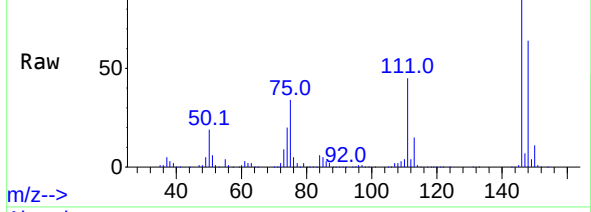
m/z-->

Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



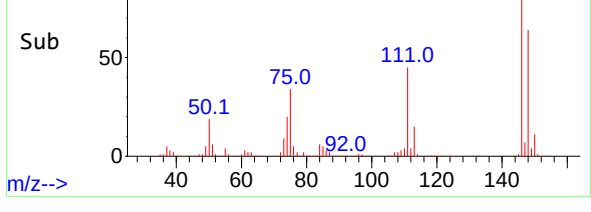
m/z-->

Abundance Scan 817 (7.092 min): BF128061.D\data.ms



m/z-->

Abundance Scan 817 (7.092 min): BF128061.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 40.107 ng

RT: 6.934 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Tgt Ion:146 Resp: 34255

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

111 46.3 33.9 50.9

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

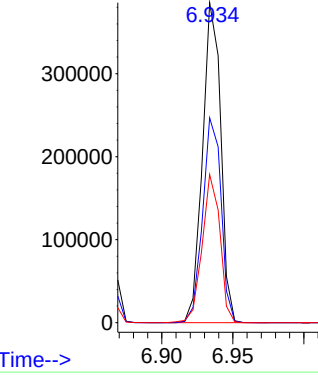
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 40.234 ng

RT: 7.092 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Tgt Ion:146 Resp: 318123

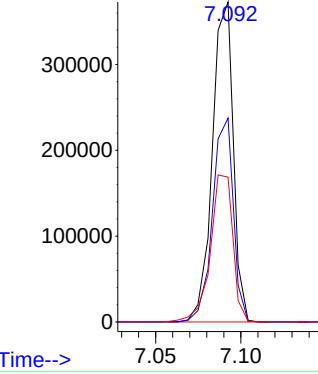
Ion Ratio Lower Upper

146 100

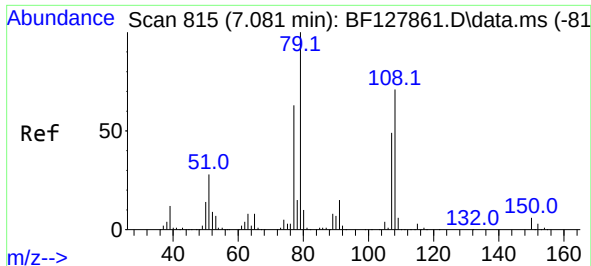
148 63.7 51.8 77.6

111 45.3 36.6 55.0

Abundance

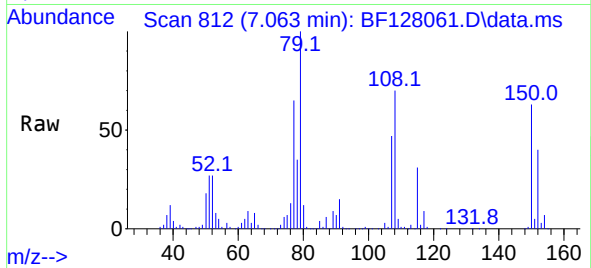


Time-->



#15  
Benzyl Alcohol  
Concen: 50.975 ng  
RT: 7.063 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

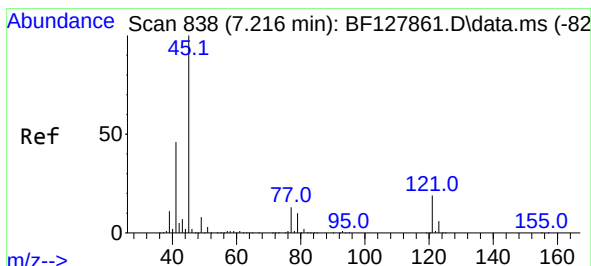
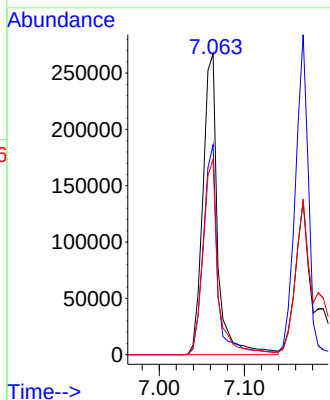
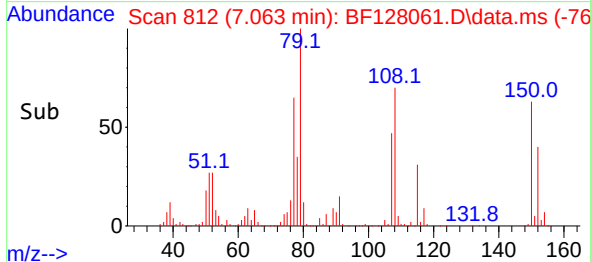
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



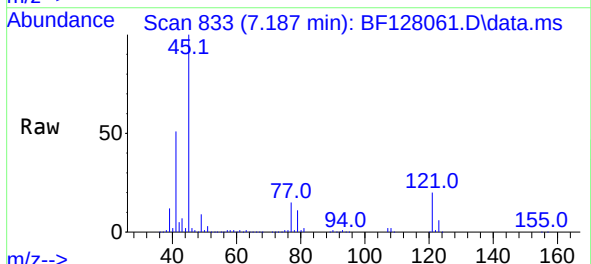
Tgt Ion: 79 Resp: 322150  
Ion Ratio Lower Upper  
79 100  
108 69.7 57.0 85.6  
77 64.9 50.2 75.4

Manual Integrations  
APPROVED

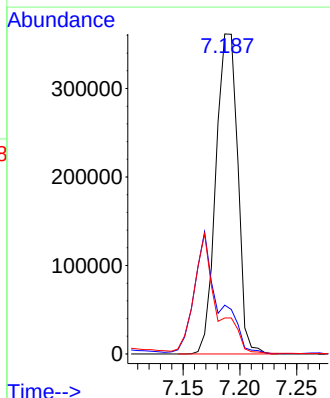
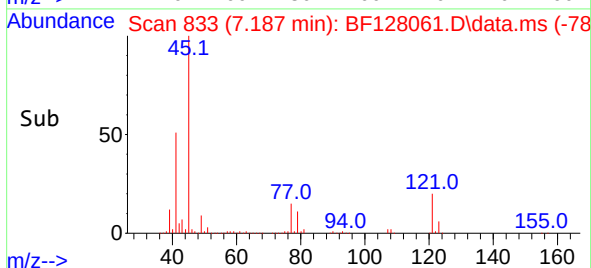
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

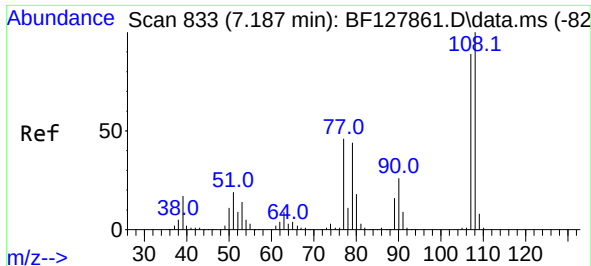


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.647 ng  
RT: 7.187 min Scan# 833  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



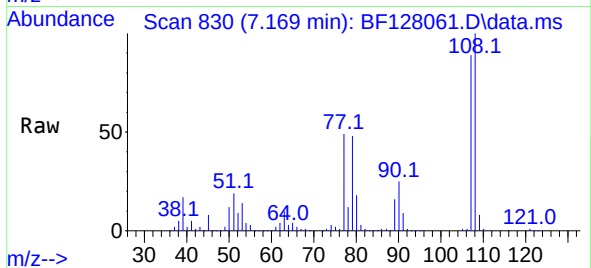
Tgt Ion: 45 Resp: 483038  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 34.9  
79 11.3 0.0 31.6





#17  
2-Methylphenol  
Concen: 40.353 ng  
RT: 7.169 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

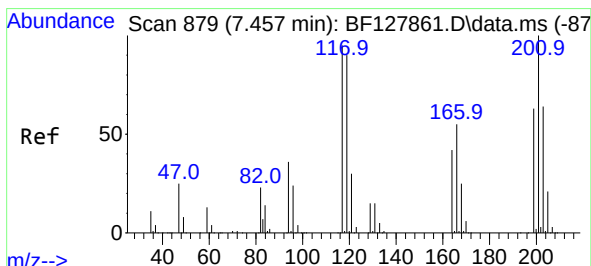
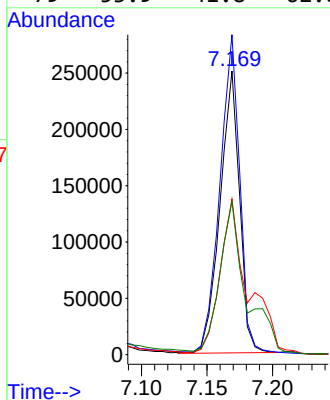
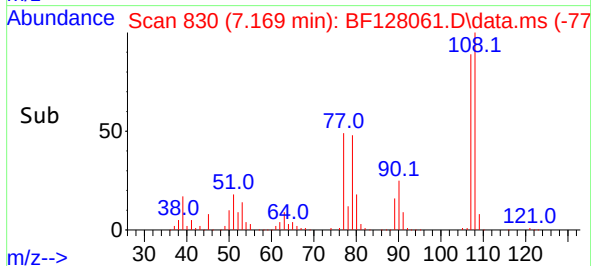
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



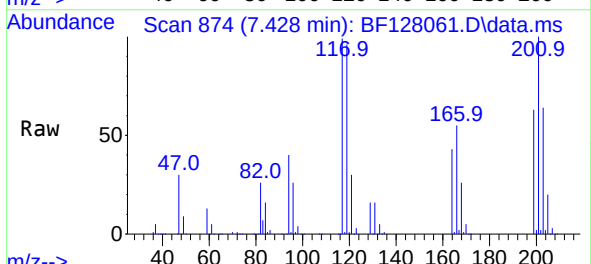
Tgt Ion:107 Resp: 258810  
Ion Ratio Lower Upper  
107 100  
108 112.8 90.2 135.2  
77 54.9 41.9 62.9  
79 53.9 41.8 62.8

Manual Integrations  
APPROVED

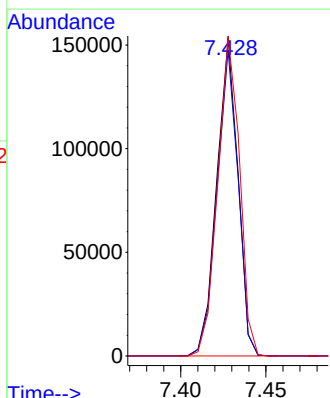
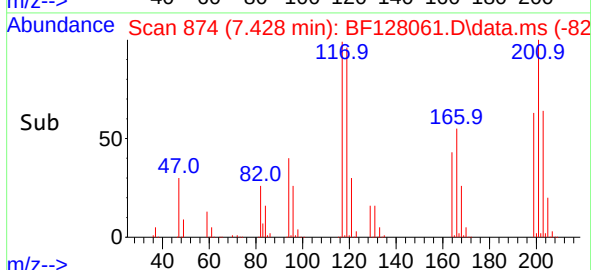
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

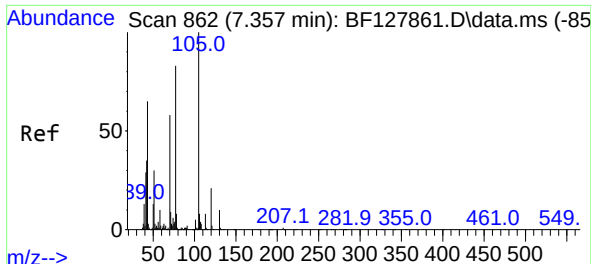


#18  
Hexachloroethane  
Concen: 42.165 ng  
RT: 7.428 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:117 Resp: 132398  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.2 114.4  
201 100.5 84.4 126.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.646 ng  
RT: 7.334 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

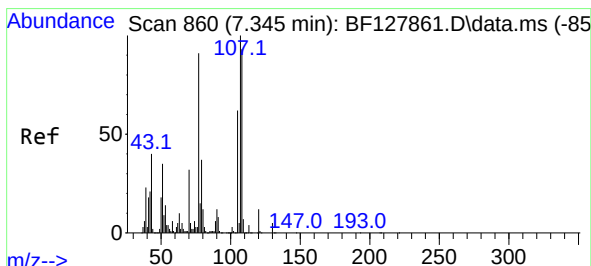
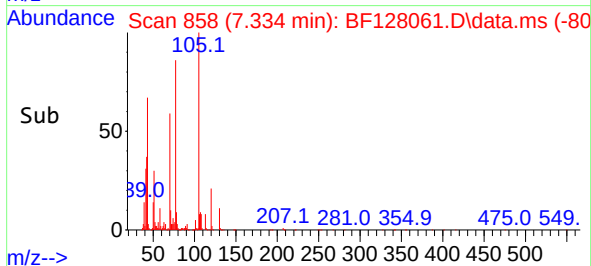
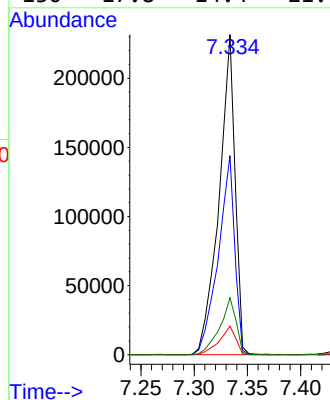
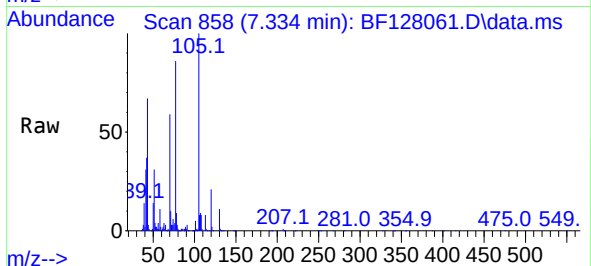
SSTDCCC040

Tgt Ion: 70 Resp: 24261  
Ion Ratio Lower Upper  
70 100  
42 62.2 48.7 73.1  
101 8.9 7.2 10.8  
130 17.8 14.4 21.6

Manual Integrations

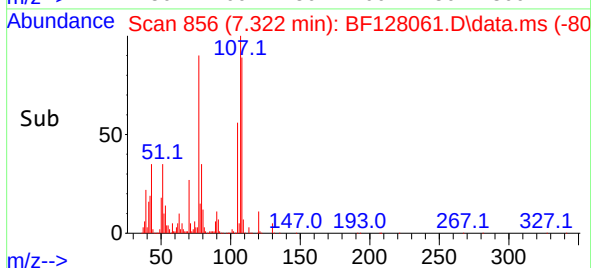
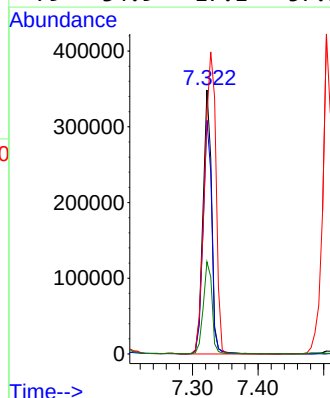
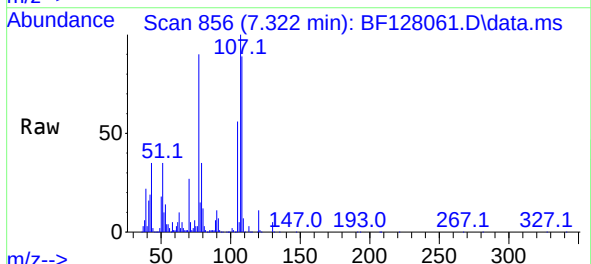
APPROVED

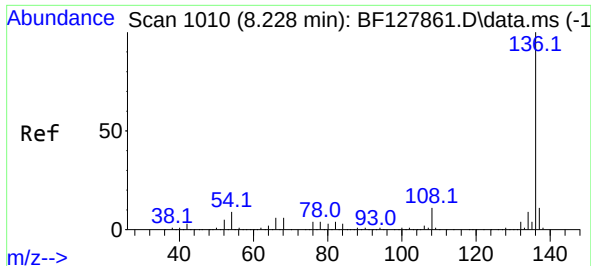
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#20  
3+4-Methylphenols  
Concen: 41.356 ng  
RT: 7.322 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:107 Resp: 320430  
Ion Ratio Lower Upper  
107 100  
108 88.6 73.4 113.4  
77 89.8 71.1 111.1  
79 34.9 17.1 57.1





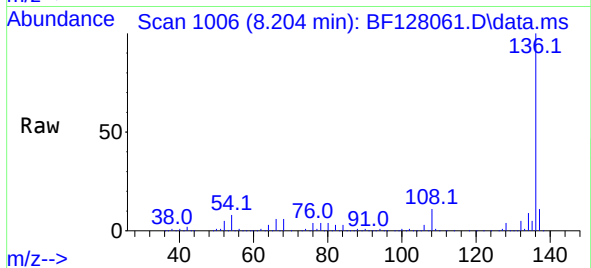
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

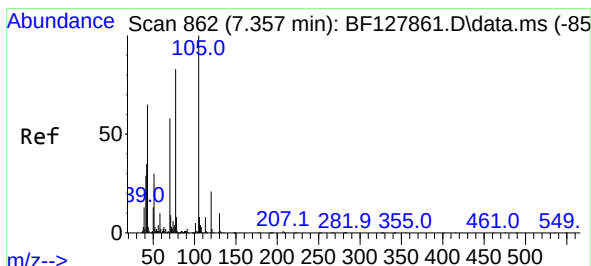
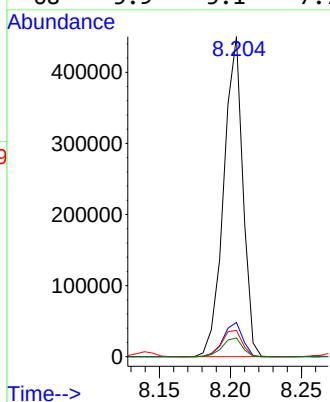
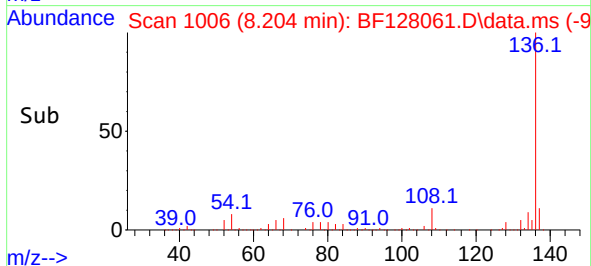


Tgt Ion:136 Resp: 419919  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.2 6.8 10.2  
68 5.9 5.1 7.7

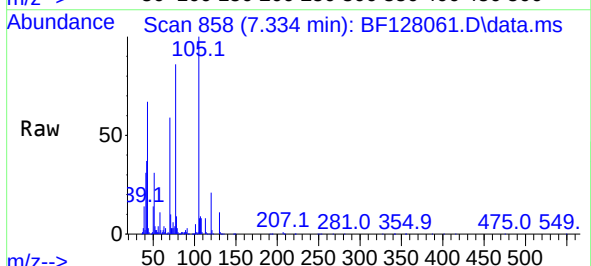
Manual Integrations

APPROVED

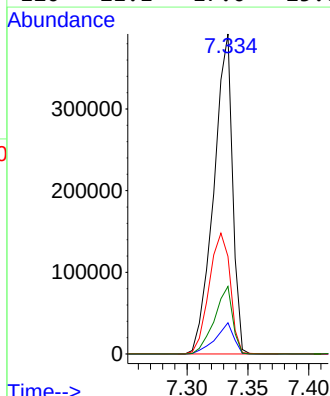
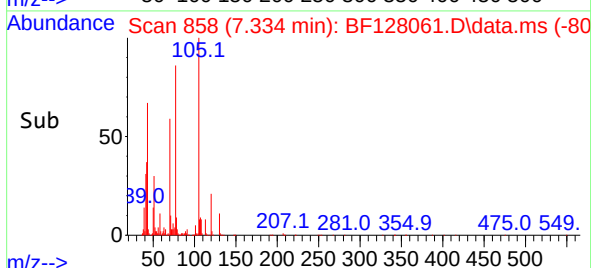
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

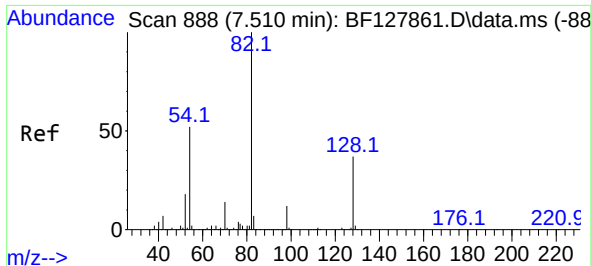


#22  
Acetophenone  
Concen: 41.123 ng  
RT: 7.334 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:105 Resp: 420880  
Ion Ratio Lower Upper  
105 100  
71 9.7 7.3 10.9  
51 30.5 23.7 35.5  
120 21.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.140 ng

RT: 7.487 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 78708

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

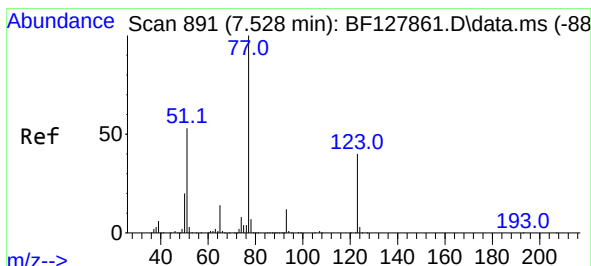
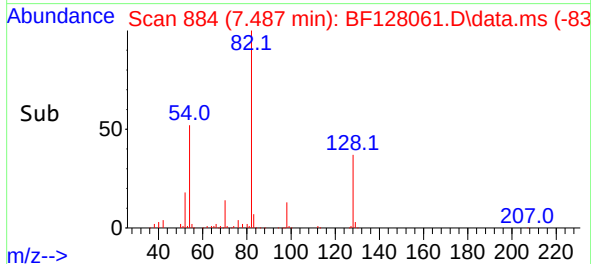
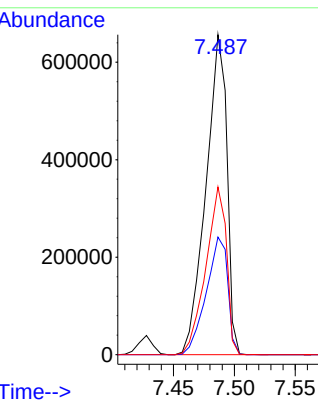
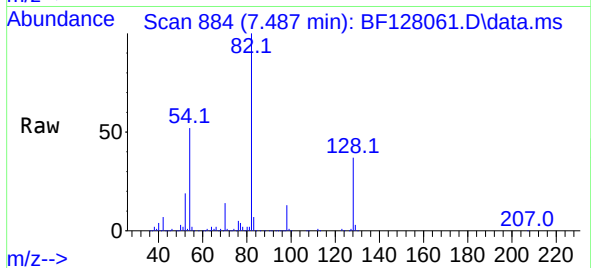
54 52.4 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#24

Nitrobenzene

Concen: 43.209 ng

RT: 7.504 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

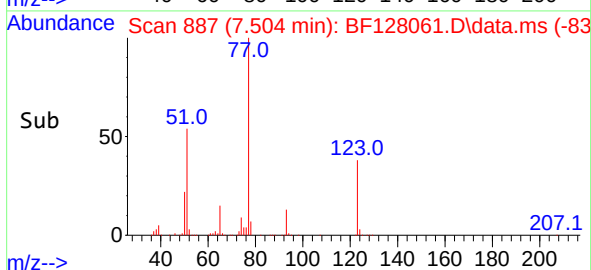
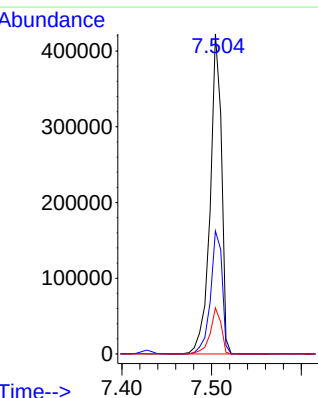
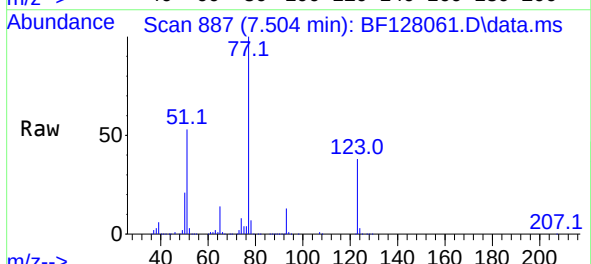
Tgt Ion: 77 Resp: 371805

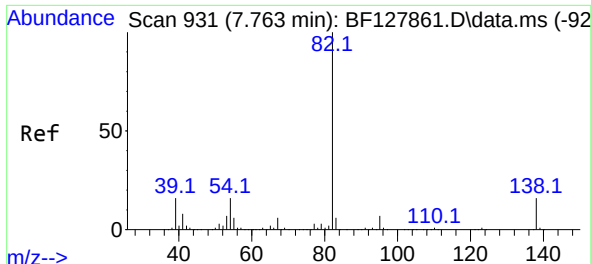
Ion Ratio Lower Upper

77 100

123 38.5 32.0 48.0

65 14.4 11.0 16.6





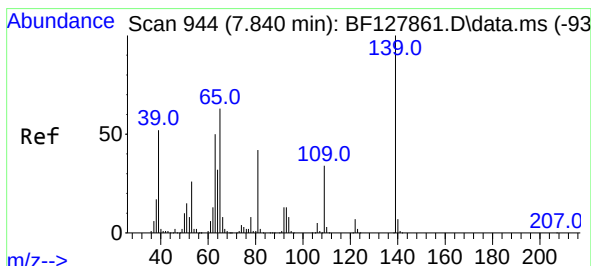
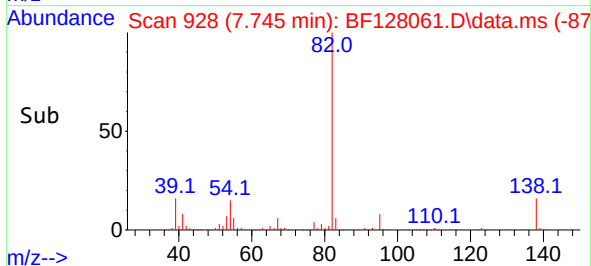
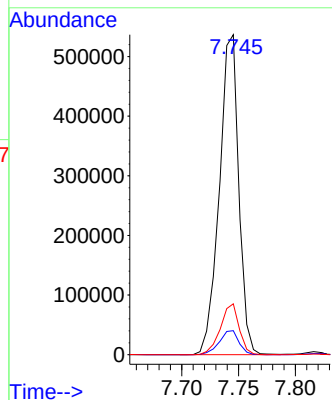
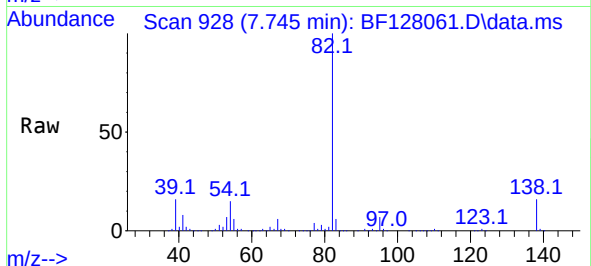
#25  
Isophorone  
Concen: 42.550 ng  
RT: 7.745 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 63951  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.6 8.4  
138 15.9 12.5 18.7

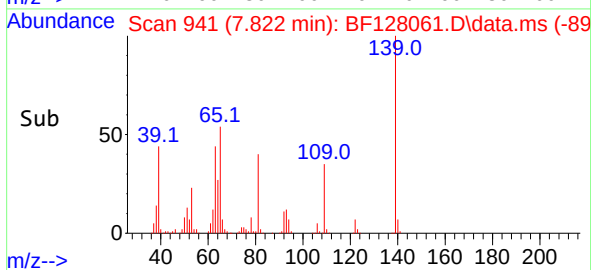
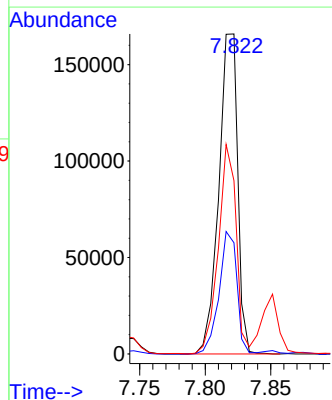
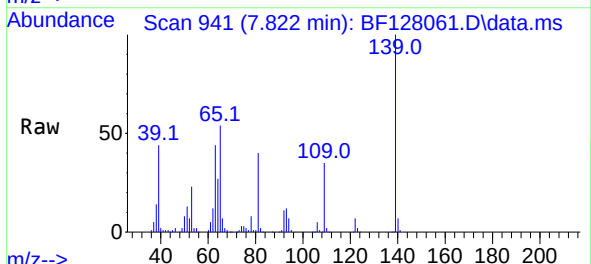
Manual Integrations  
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Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

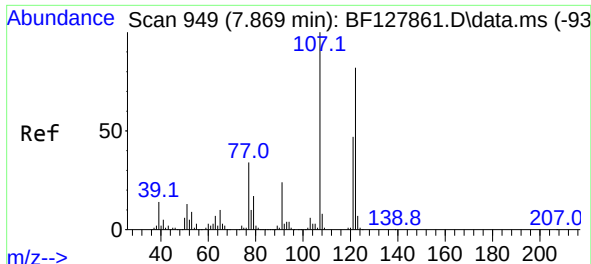


#26  
2-Nitrophenol  
Concen: 45.294 ng  
RT: 7.822 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:139 Resp: 166083  
Ion Ratio Lower Upper  
139 100  
109 34.8 27.4 41.2  
65 54.2 50.8 76.2







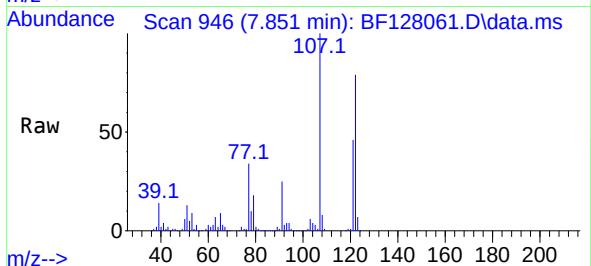
#27  
2,4-Dimethylphenol  
Concen: 40.813 ng  
RT: 7.851 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

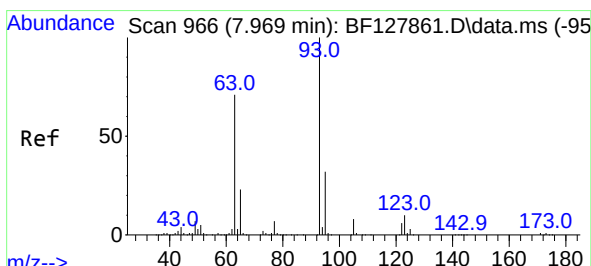
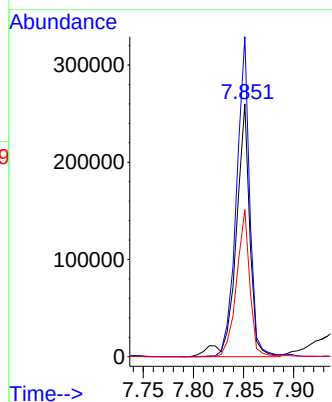
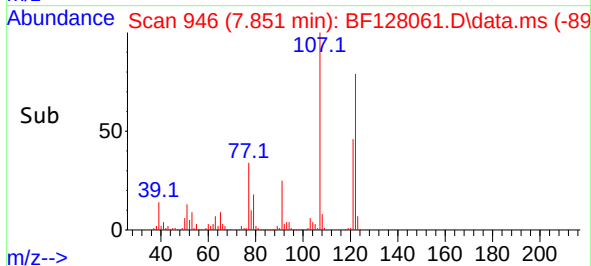


Tgt Ion:122 Resp: 248570  
Ion Ratio Lower Upper  
122 100  
107 126.6 97.5 146.3  
121 58.2 46.0 69.0

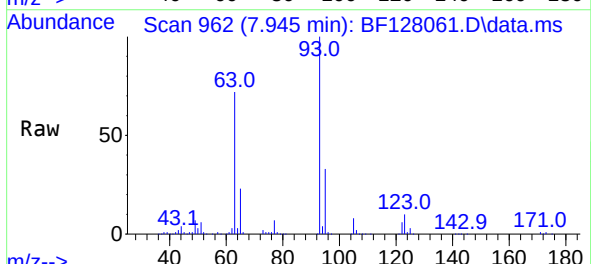
Manual Integrations

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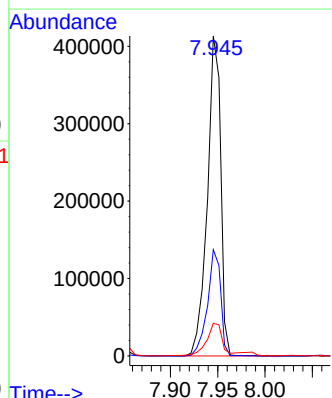
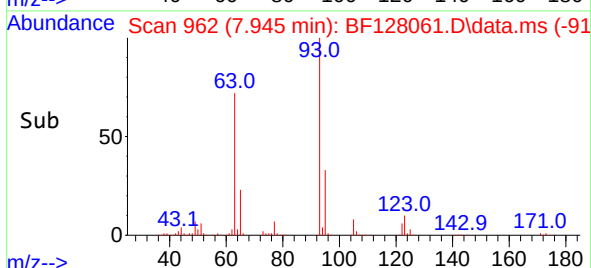
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

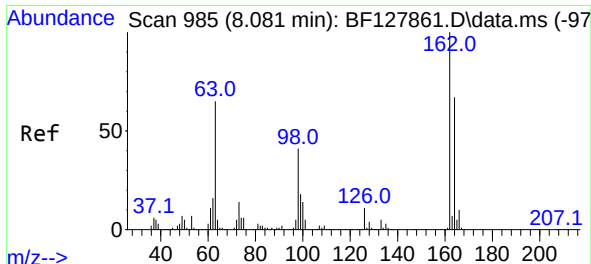


#28  
bis(2-Chloroethoxy)methane  
Concen: 41.952 ng  
RT: 7.945 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion: 93 Resp: 404089  
Ion Ratio Lower Upper  
93 100  
95 33.2 25.7 38.5  
123 10.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.433 ng

RT: 8.057 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 264360

Ion Ratio Lower Upper

162 100

164 68.1 47.1 87.1

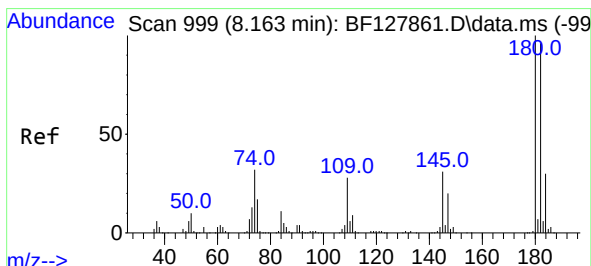
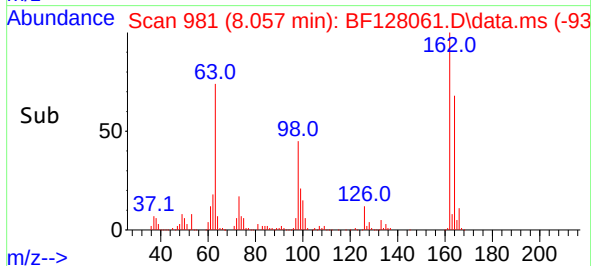
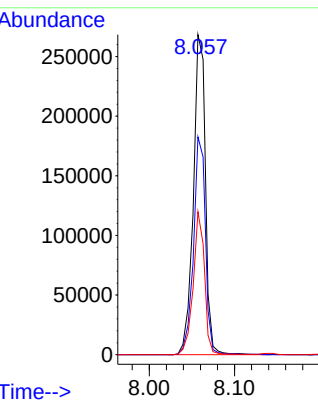
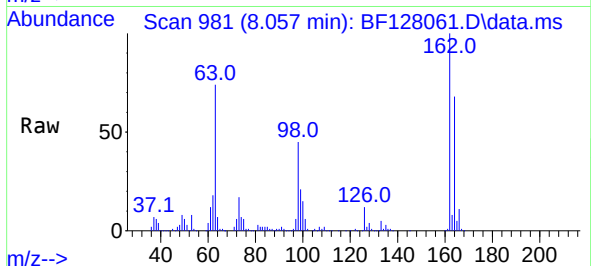
98 44.6 20.7 60.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.637 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

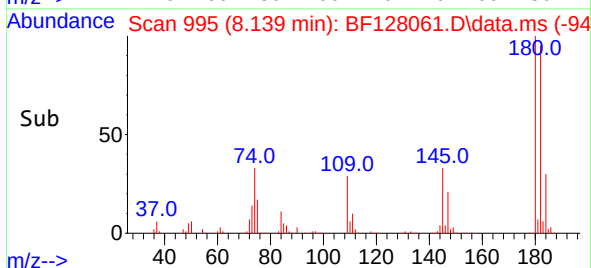
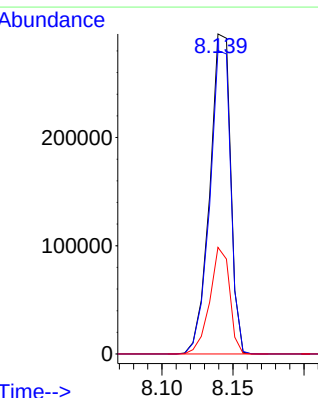
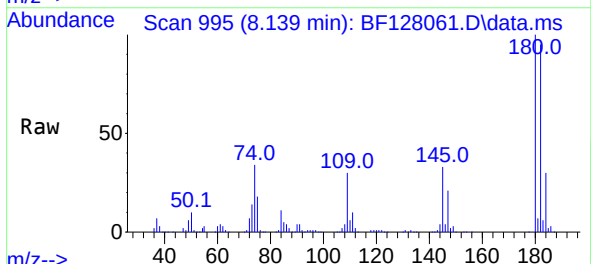
Tgt Ion:180 Resp: 301774

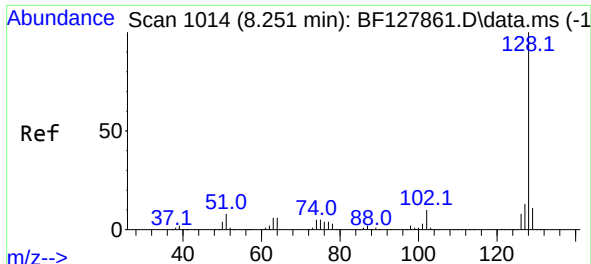
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 33.3 25.1 37.7





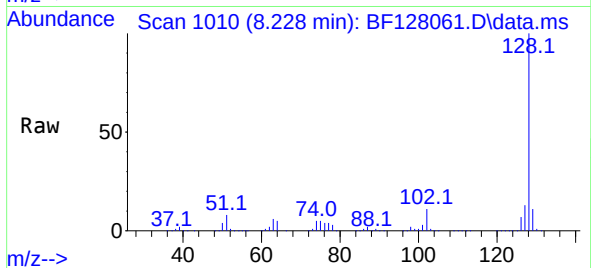
#31  
Naphthalene  
Concen: 40.577 ng  
RT: 8.228 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

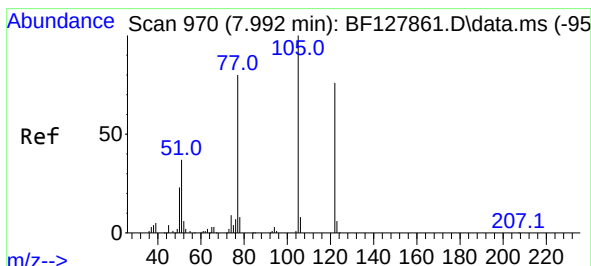
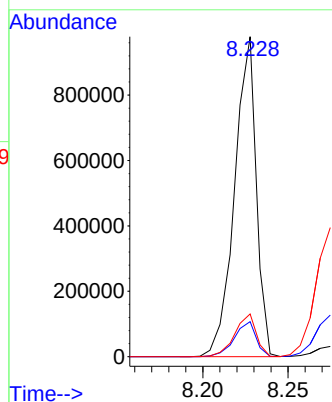
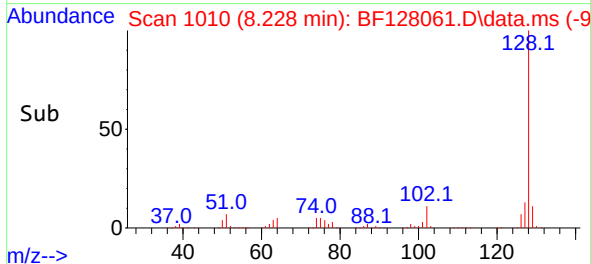


Tgt Ion:128 Resp: 867825  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 13.3 10.6 16.0

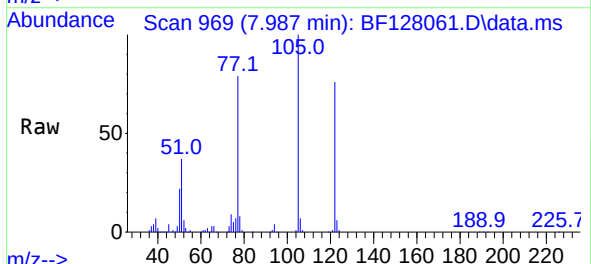
Manual Integrations

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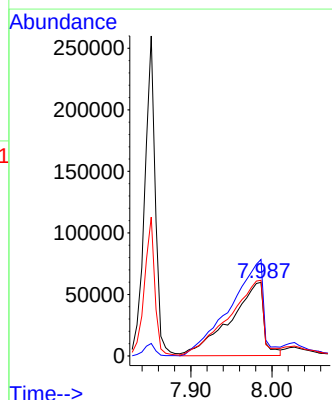
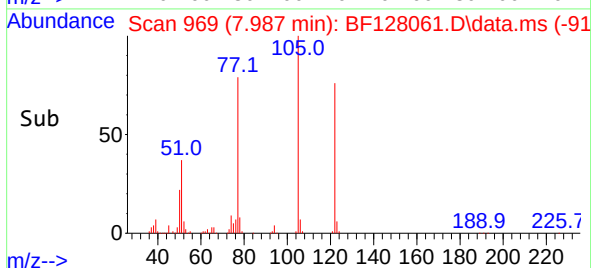
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

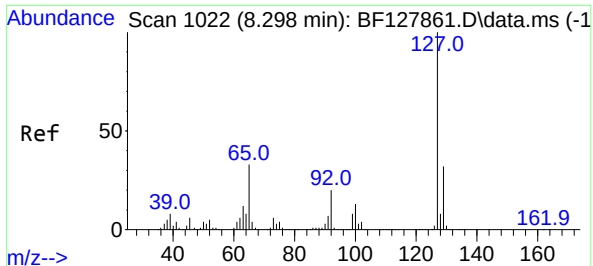


#32  
Benzoic acid  
Concen: 39.409 ng  
RT: 7.987 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:122 Resp: 172035  
Ion Ratio Lower Upper  
122 100  
105 131.1 107.9 147.9  
77 103.0 82.5 122.5





#33  
4-Chloroaniline  
Concen: 41.220 ng  
RT: 8.275 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

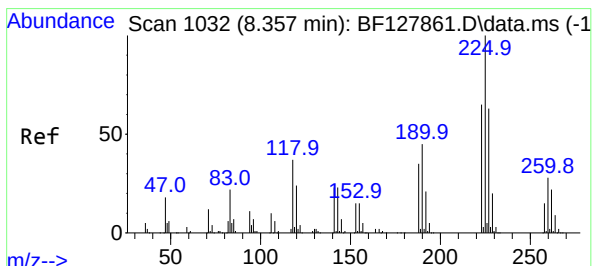
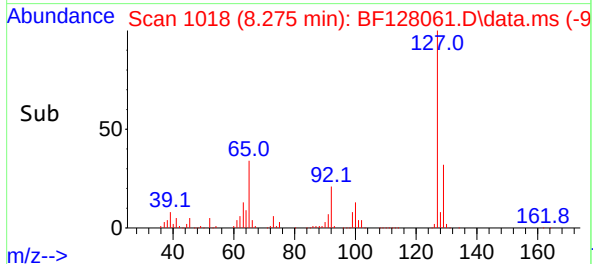
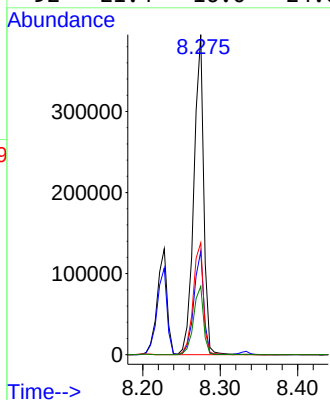
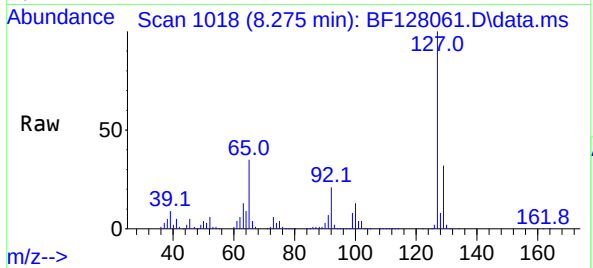
SSTDCCC040

Tgt Ion:127 Resp: 348814  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.8 38.8  
65 34.9 26.7 40.1  
92 21.4 16.0 24.0

Manual Integrations

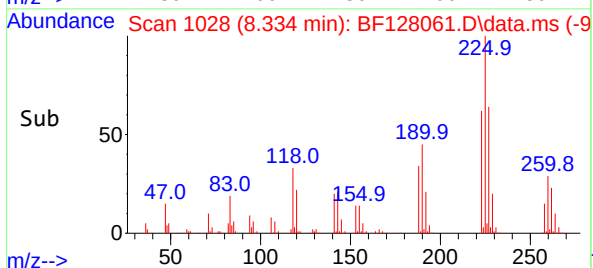
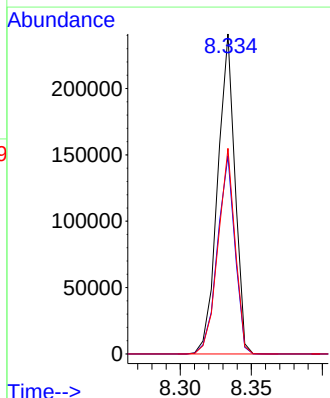
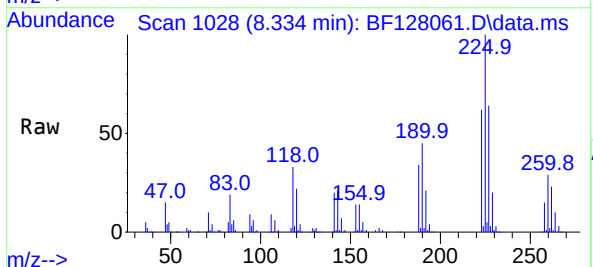
APPROVED

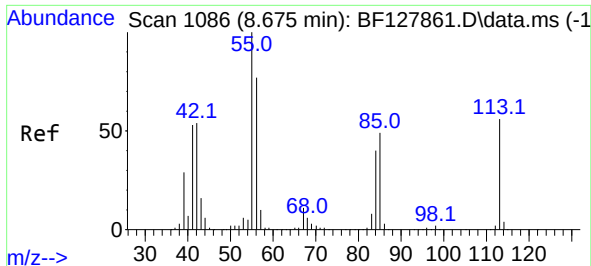
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#34  
Hexachlorobutadiene  
Concen: 44.595 ng  
RT: 8.334 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

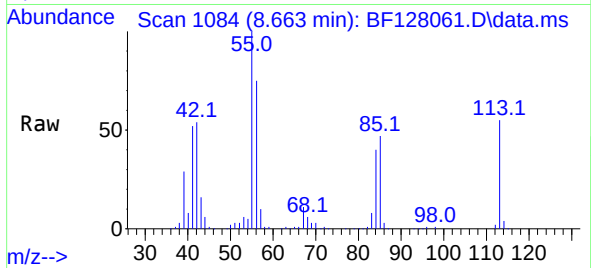
Tgt Ion:225 Resp: 203585  
Ion Ratio Lower Upper  
225 100  
223 61.9 52.0 78.0  
227 64.3 50.7 76.1





#35  
Caprolactam  
Concen: 39.562 ng  
RT: 8.663 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

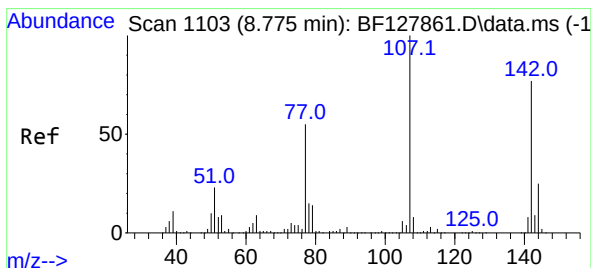
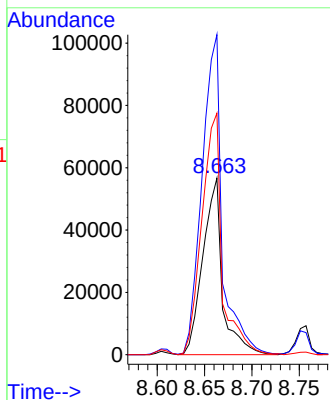
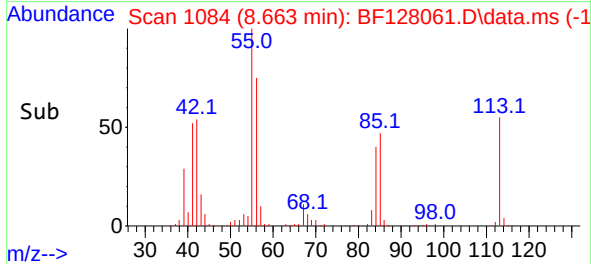
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



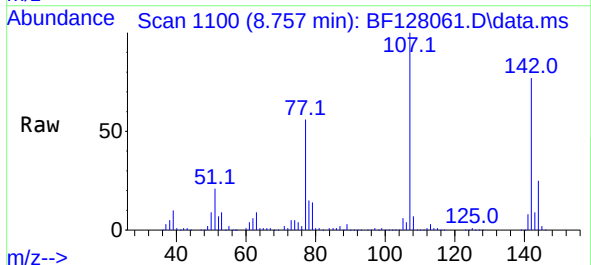
Tgt Ion:113 Resp: 8148  
Ion Ratio Lower Upper  
113 100  
55 181.4 157.4 197.4  
56 136.8 116.1 156.1

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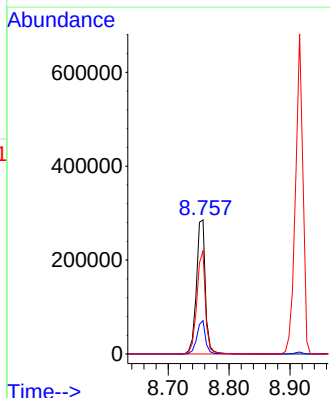
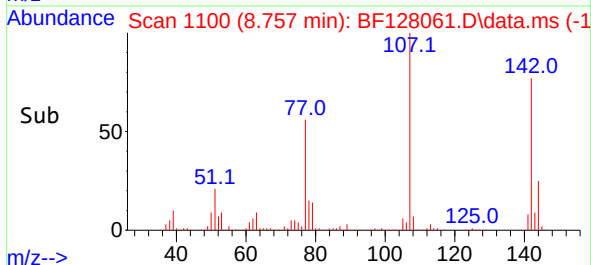
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

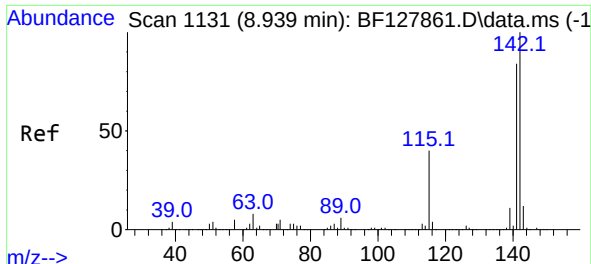


#36  
4-Chloro-3-methylphenol  
Concen: 42.926 ng  
RT: 8.757 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:107 Resp: 292510  
Ion Ratio Lower Upper  
107 100  
144 24.8 20.2 30.4  
142 76.8 61.5 92.3





#37  
2-Methylnaphthalene  
Concen: 41.089 ng  
RT: 8.916 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

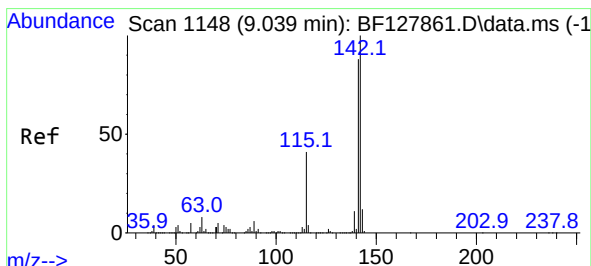
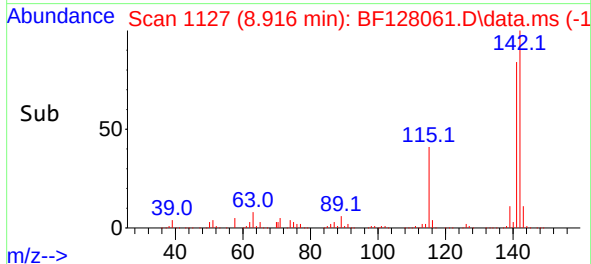
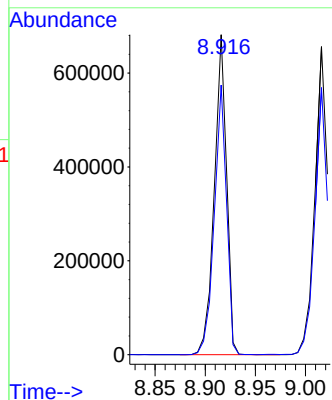
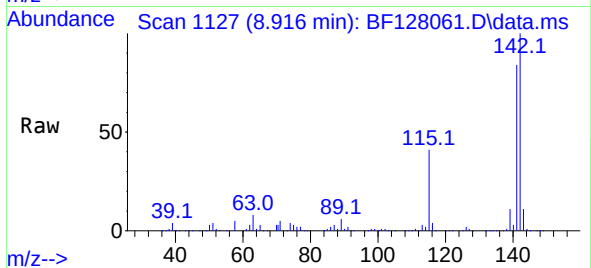
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Tgt Ion:142 Resp: 580770  
Ion Ratio Lower Upper  
142 100  
141 84.3 67.4 101.2

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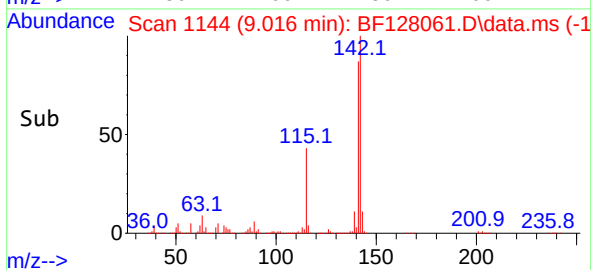
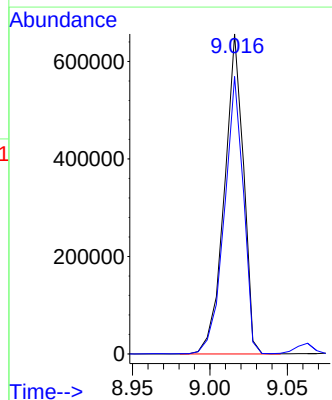
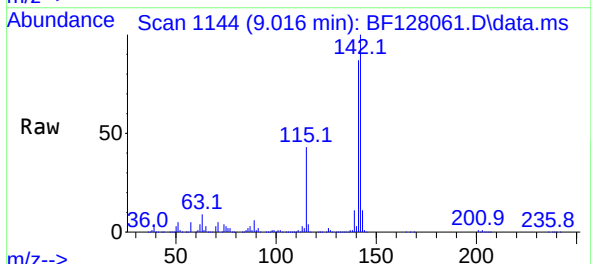
APPROVED

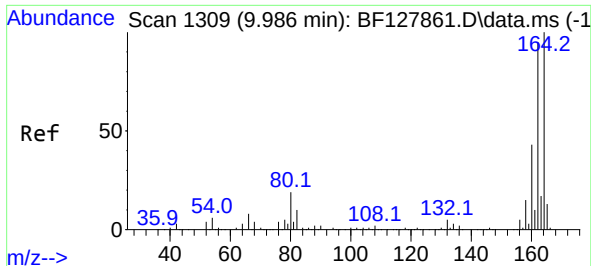
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#38  
1-Methylnaphthalene  
Concen: 40.874 ng  
RT: 9.016 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:142 Resp: 561554  
Ion Ratio Lower Upper  
142 100  
141 86.7 70.1 105.1





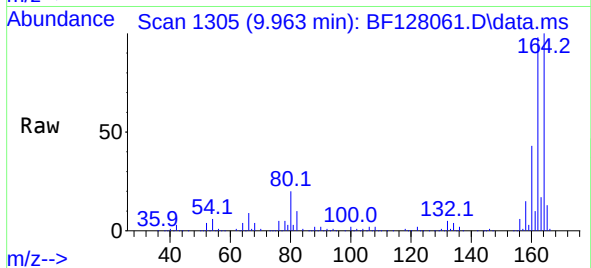
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

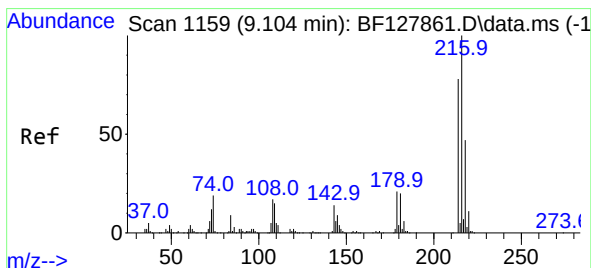
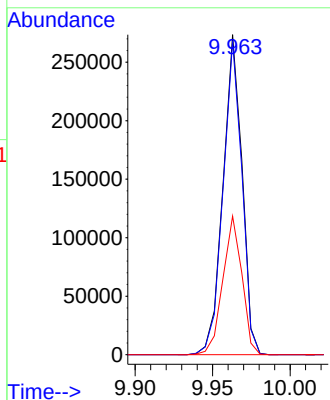
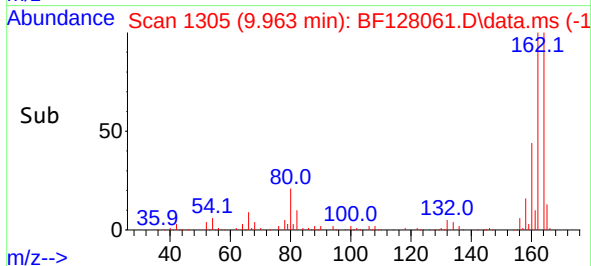


Tgt Ion:164 Resp: 23336  
Ion Ratio Lower Upper  
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162 98.1 76.0 114.0  
160 43.3 34.8 52.2

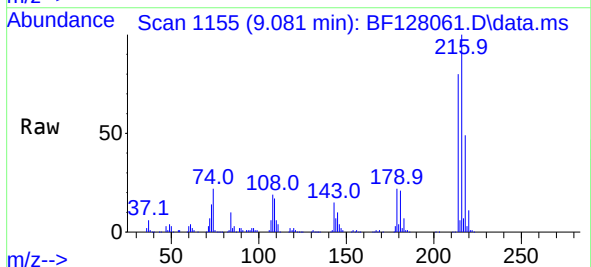
Manual Integrations

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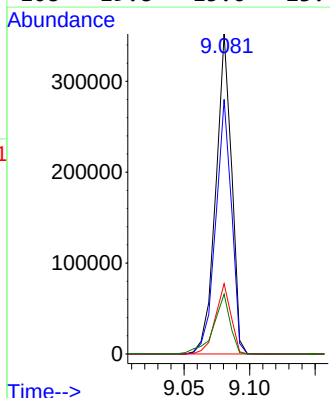
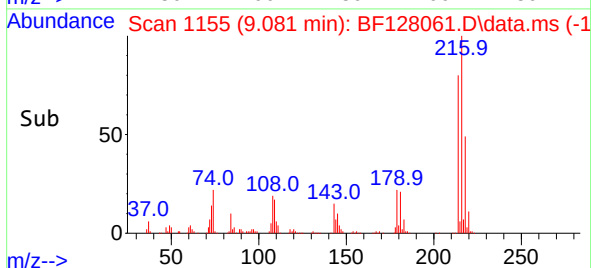
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

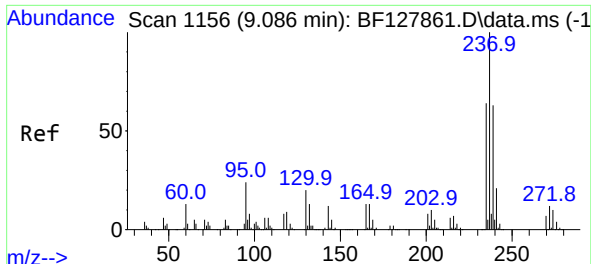


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.775 ng  
RT: 9.081 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:216 Resp: 294225  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.6 94.0  
179 21.5 16.9 25.3  
108 19.8 15.6 23.4





#41  
Hexachlorocyclopentadiene  
Concen: 40.985 ng  
RT: 9.063 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

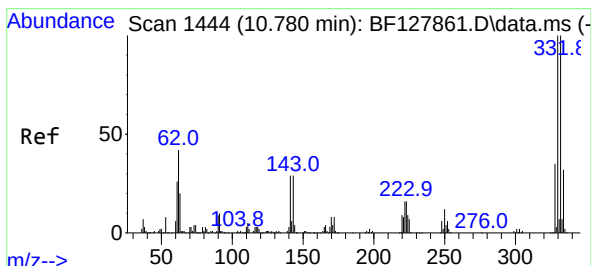
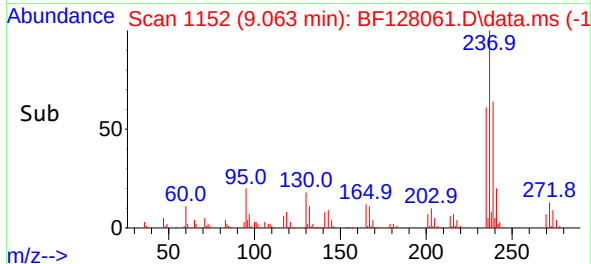
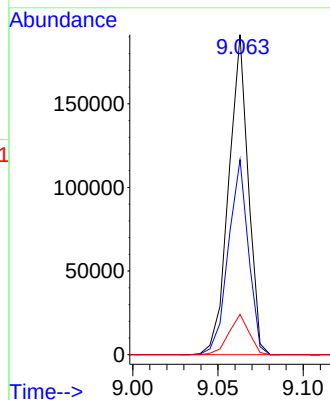
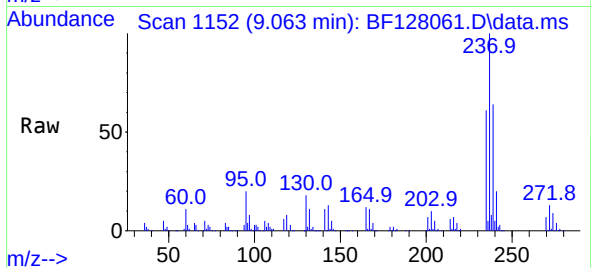
SSTDCCC040

Tgt Ion:237 Resp: 152740  
Ion Ratio Lower Upper  
237 100  
235 61.0 43.6 83.6  
272 12.6 0.0 32.1

Manual Integrations

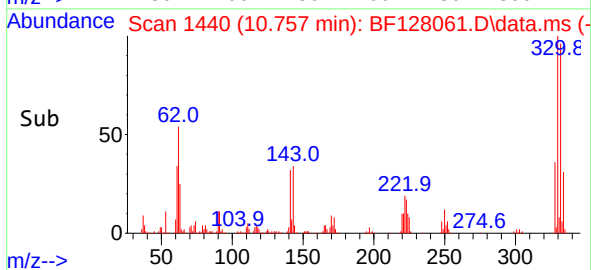
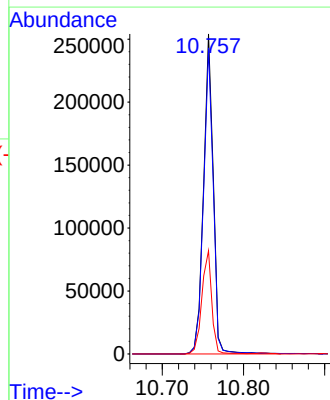
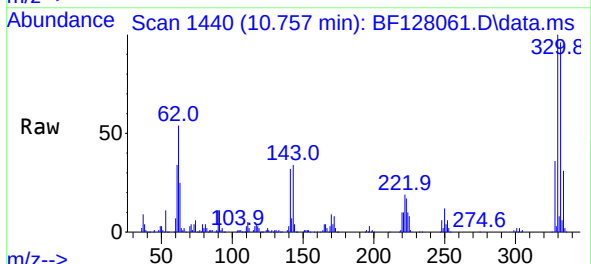
APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

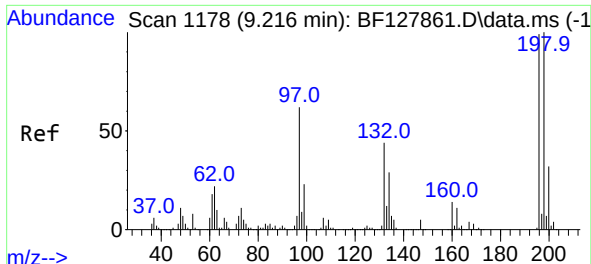


#42  
2,4,6-Tribromophenol  
Concen: 90.170 ng  
RT: 10.757 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:330 Resp: 211831  
Ion Ratio Lower Upper  
330 100  
332 96.1 79.0 118.4  
141 32.9 28.9 43.3

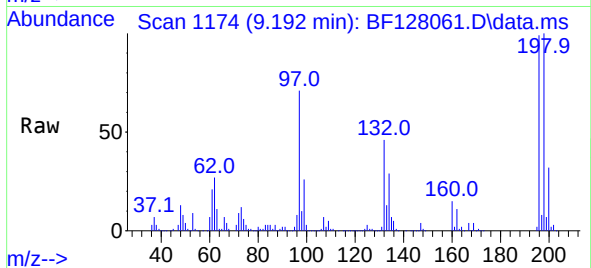






#43  
2,4,6-Trichlorophenol  
Concen: 42.652 ng  
RT: 9.192 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

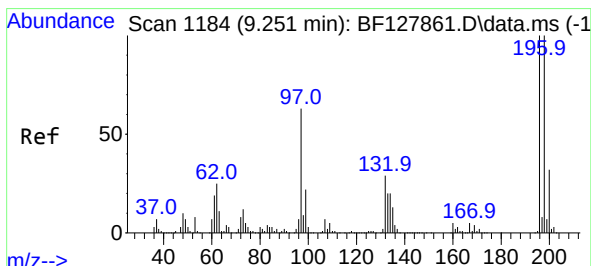
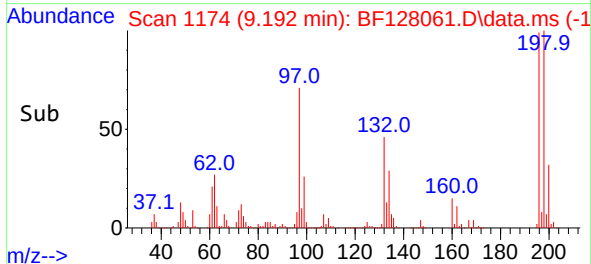
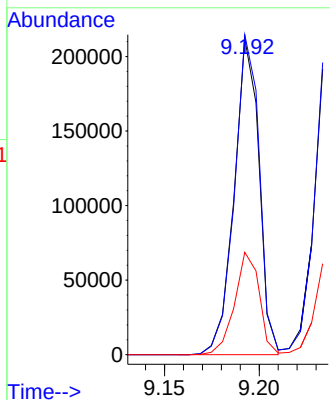
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 193045  
Ion Ratio Lower Upper  
196 100  
198 101.1 80.4 120.6  
200 32.4 25.9 38.9

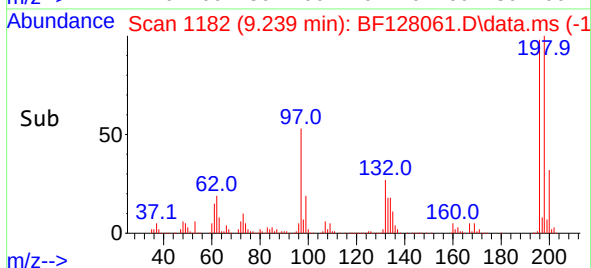
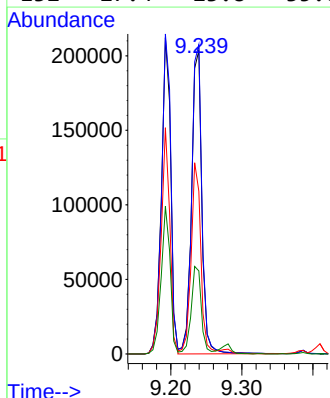
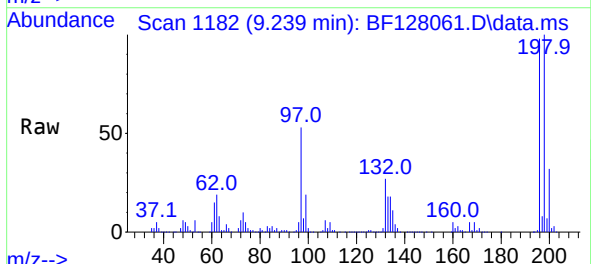
Manual Integrations  
APPROVED

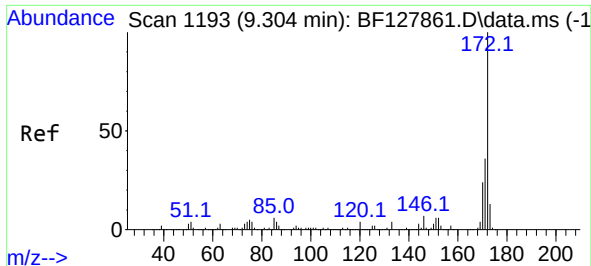
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#44  
2,4,5-Trichlorophenol  
Concen: 41.770 ng  
RT: 9.239 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:196 Resp: 205513  
Ion Ratio Lower Upper  
196 100  
198 101.9 80.2 120.2  
97 53.6 50.3 75.5  
132 27.4 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 89.911 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1240279

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

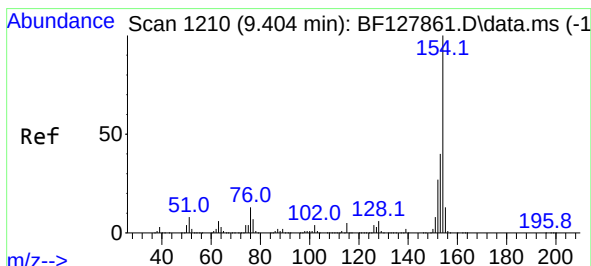
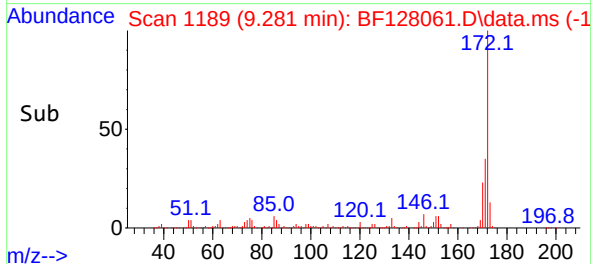
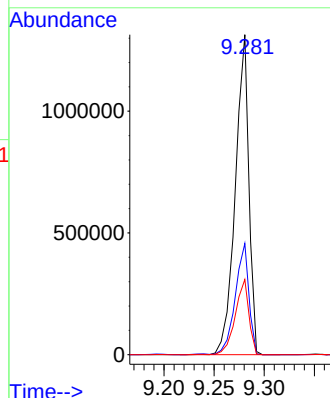
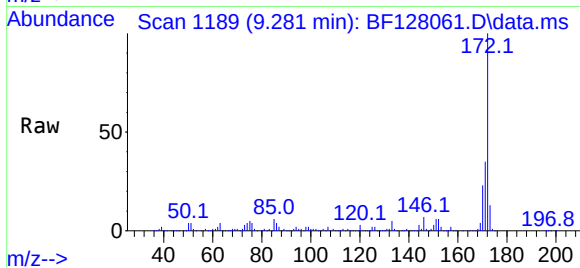
170 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#46

1,1'-Biphenyl

Concen: 41.944 ng

RT: 9.381 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

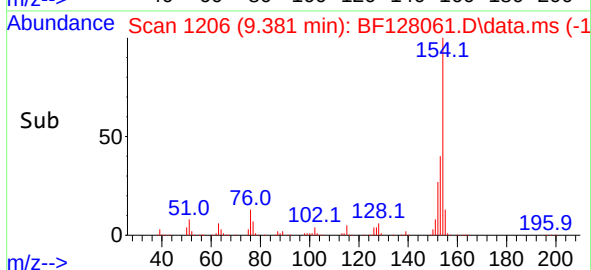
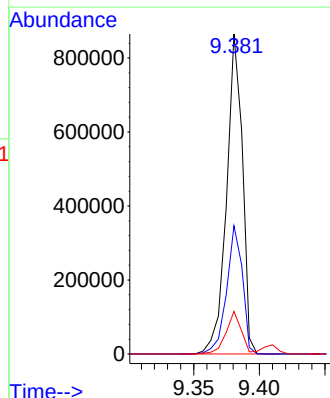
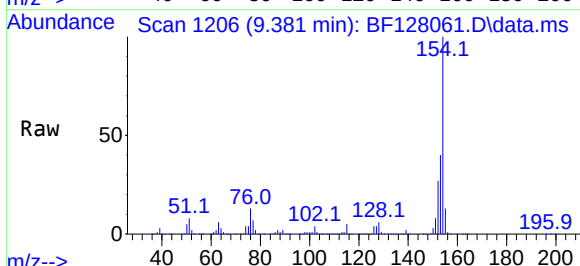
Tgt Ion:154 Resp: 725071

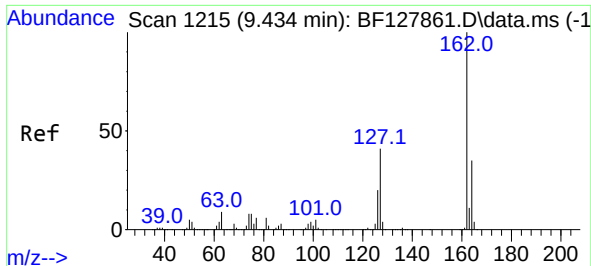
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 13.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 40.799 ng

RT: 9.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

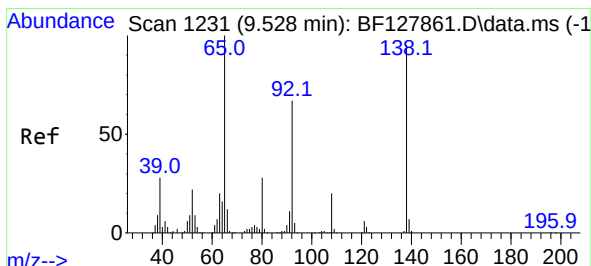
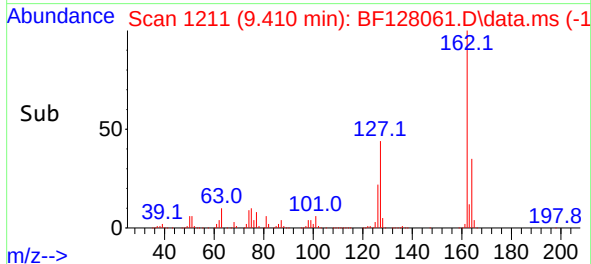
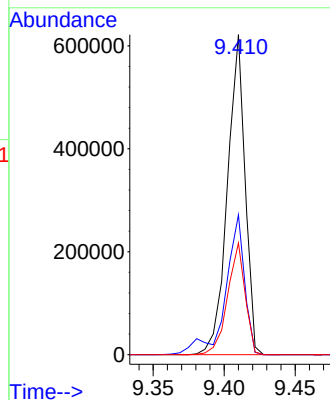
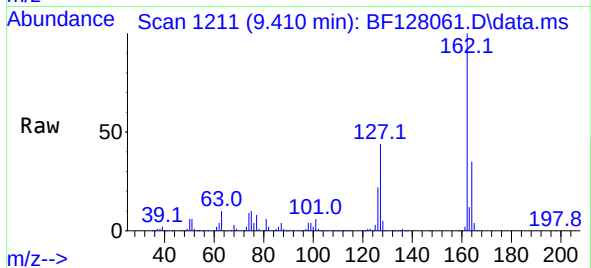
SSTDCCC040

Tgt Ion:162 Resp: 536909  
 Ion Ratio Lower Upper  
 162 100  
 127 43.7 32.9 49.3  
 164 34.9 28.2 42.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2022  
 Supervised By :Jagrut Upadhyay 05/05/2022



#48

2-Nitroaniline

Concen: 44.479 ng

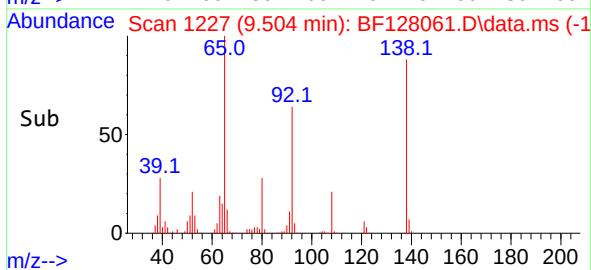
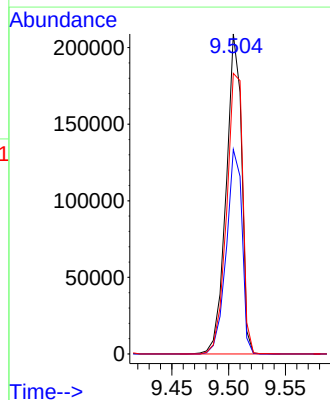
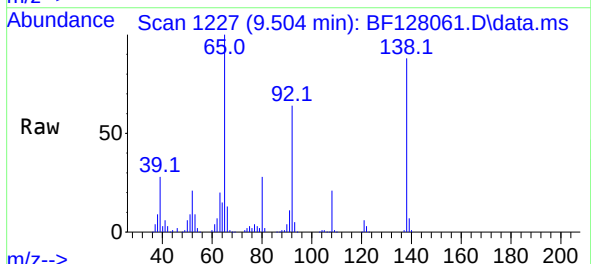
RT: 9.504 min Scan# 1227

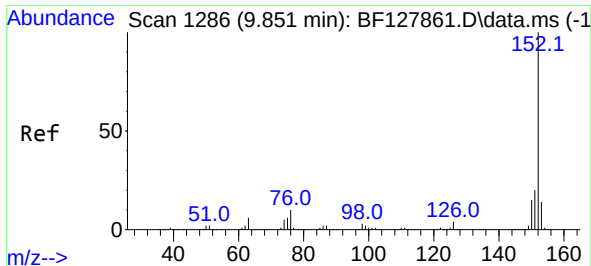
Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Tgt Ion: 65 Resp: 197996  
 Ion Ratio Lower Upper  
 65 100  
 92 63.9 53.7 80.5  
 138 87.7 76.4 114.6





#49

Acenaphthylene

Concen: 40.896 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF128061.D

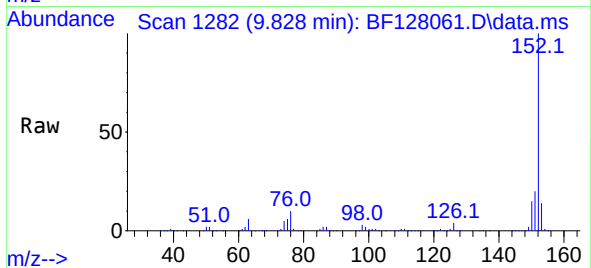
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 82323

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

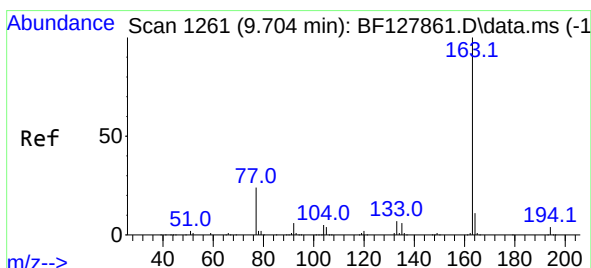
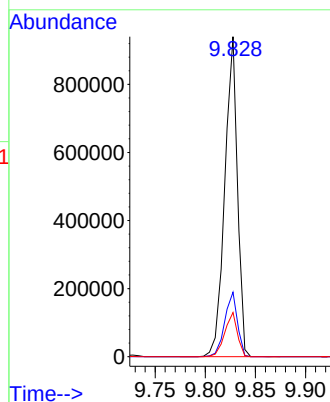
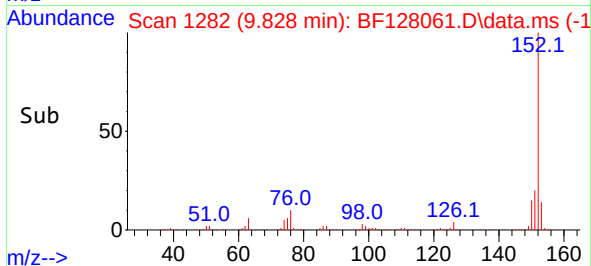
153 13.8 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#50

Dimethylphthalate

Concen: 41.246 ng

RT: 9.681 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

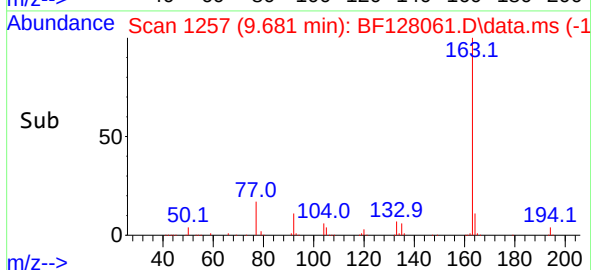
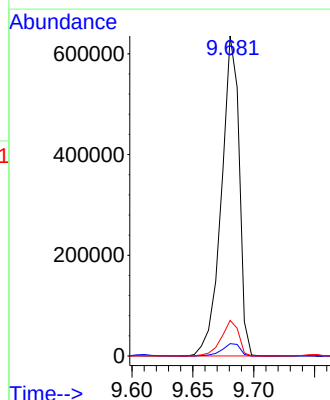
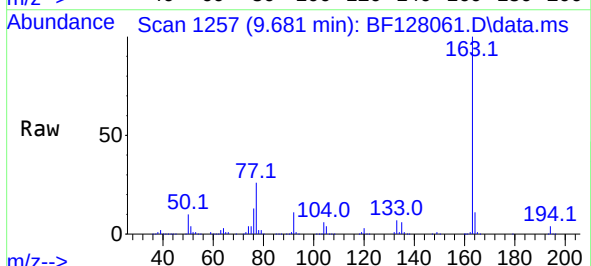
Tgt Ion:163 Resp: 645540

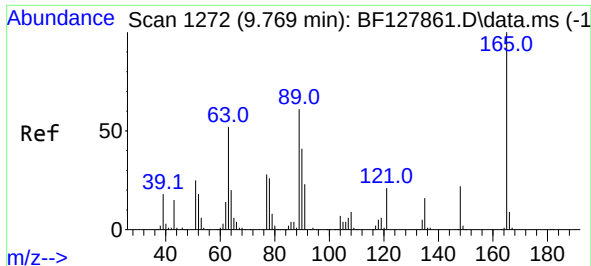
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 11.1 8.6 13.0





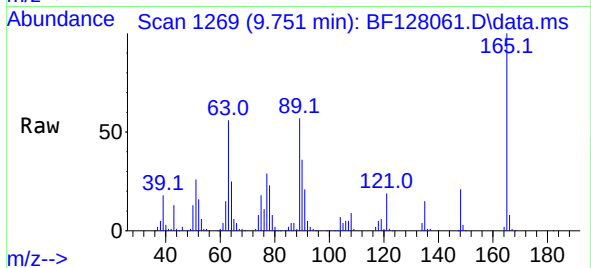
#51  
2,6-Dinitrotoluene  
Concen: 41.606 ng  
RT: 9.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

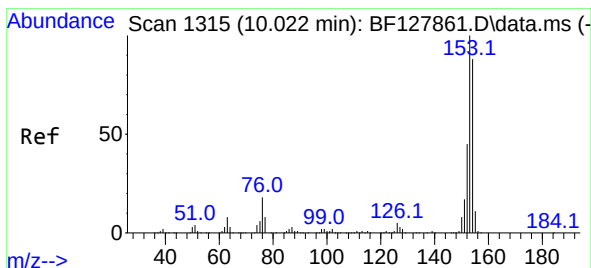
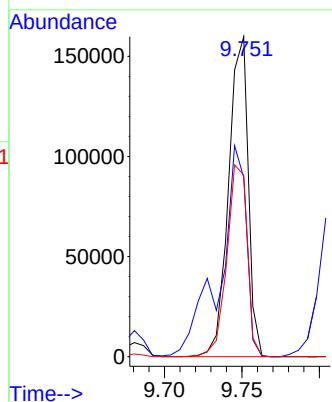
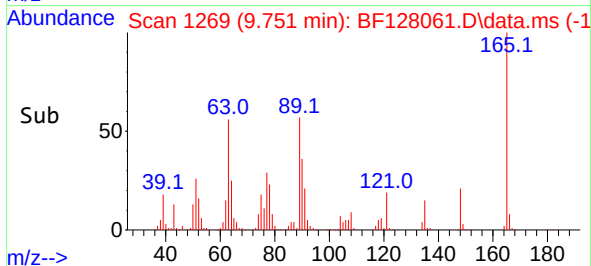


Tgt Ion:165 Resp: 140984  
Ion Ratio Lower Upper  
165 100  
63 56.0 49.5 74.3  
89 56.8 49.0 73.4

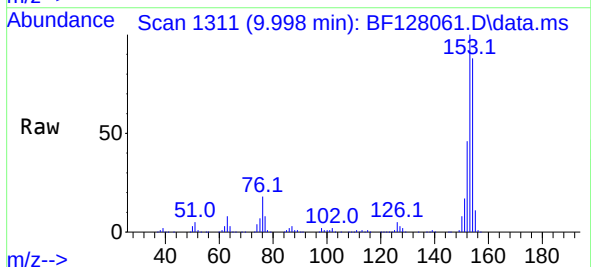
Manual Integrations

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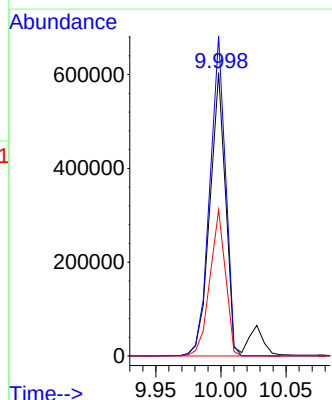
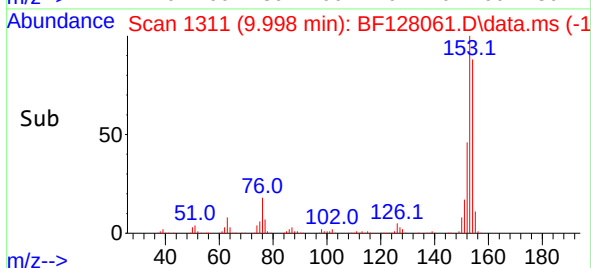
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

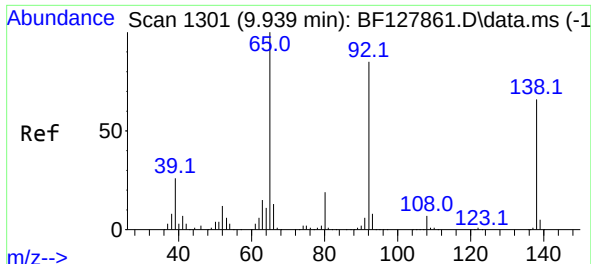


#52  
Acenaphthene  
Concen: 41.171 ng m  
RT: 9.998 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:154 Resp: 557185  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.5 135.7  
152 51.6 41.0 61.6





#53  
3-Nitroaniline  
Concen: 38.976 ng  
RT: 9.922 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

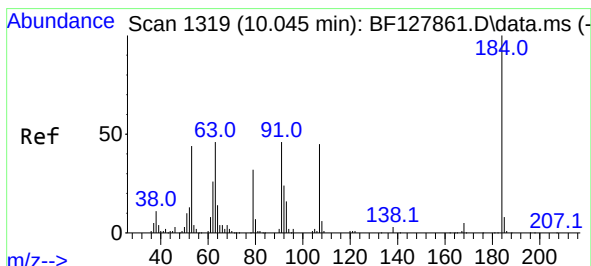
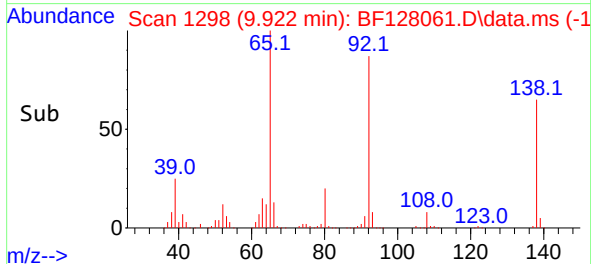
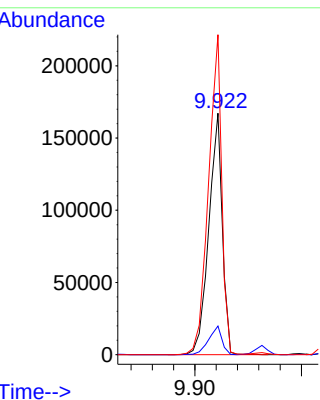
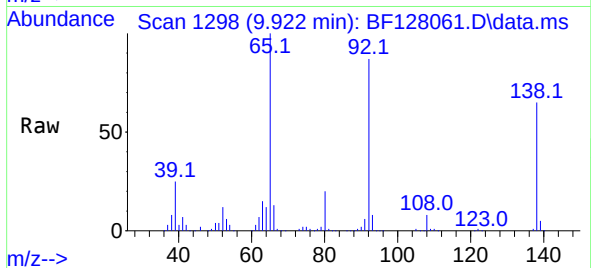
SSTDCCC040

Tgt Ion:138 Resp: 146660  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.2 12.4  
92 132.5 102.7 154.1

Manual Integrations

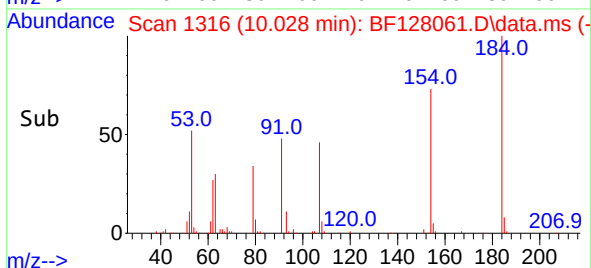
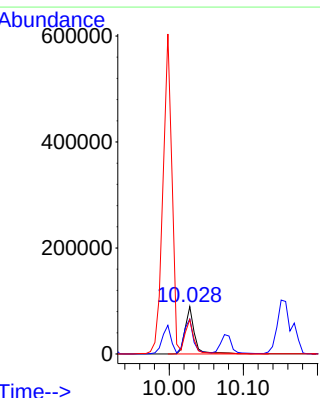
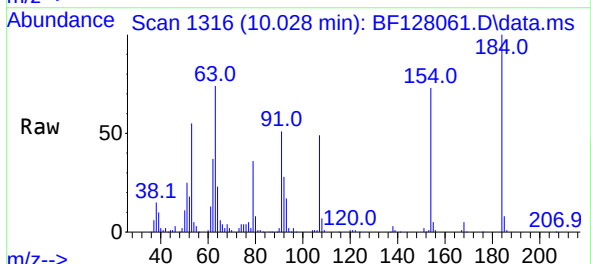
APPROVED

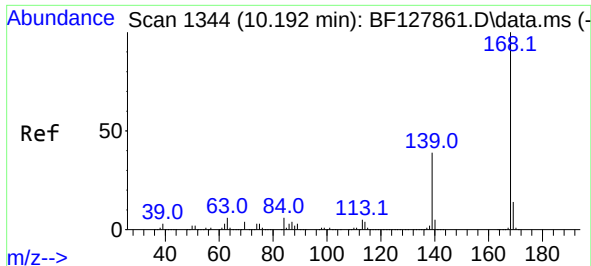
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#54  
2,4-Dinitrophenol  
Concen: 44.099 ng  
RT: 10.028 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:184 Resp: 78697  
Ion Ratio Lower Upper  
184 100  
63 73.9 50.0 75.0  
154 72.9 51.7 77.5





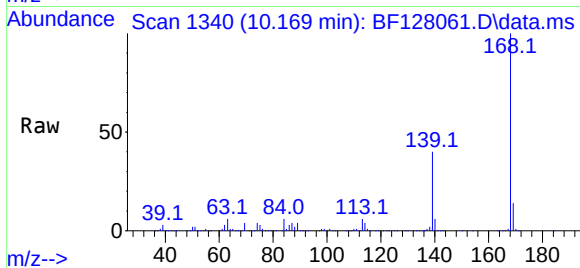
#55  
Dibenzenofuran  
Concen: 40.348 ng  
RT: 10.169 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

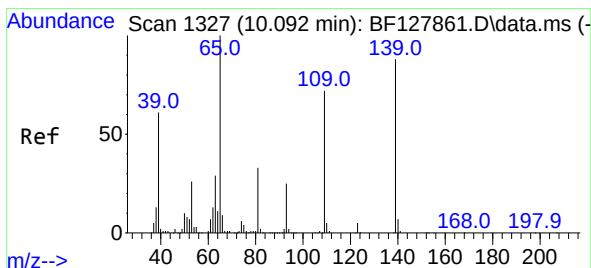
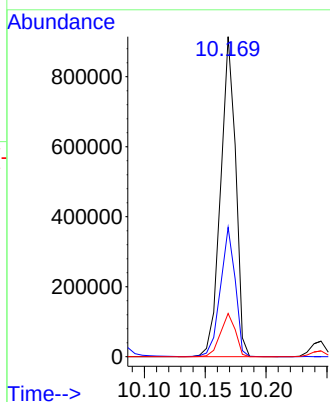
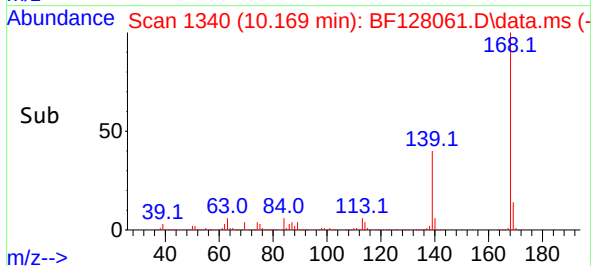


Tgt Ion:168 Resp: 78781  
Ion Ratio Lower Upper  
168 100  
139 40.4 31.7 47.5  
169 13.5 10.9 16.3

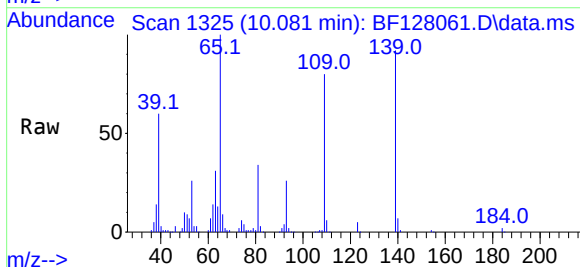
Manual Integrations

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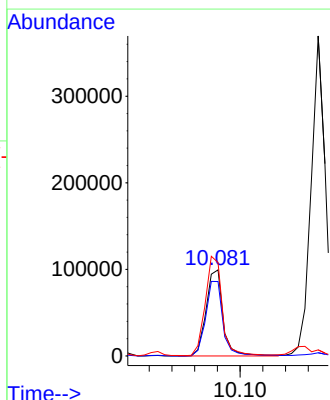
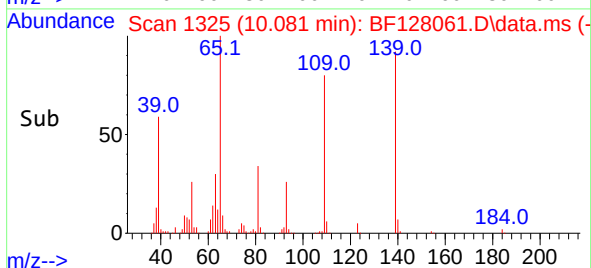
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

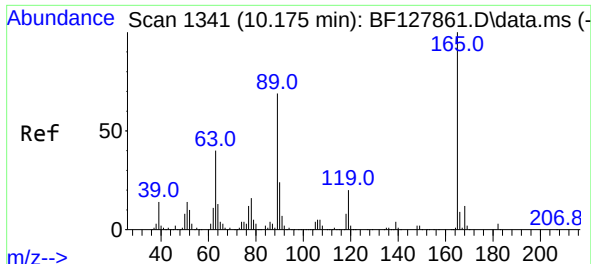


#56  
4-Nitrophenol  
Concen: 35.732 ng  
RT: 10.081 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:139 Resp: 102671  
Ion Ratio Lower Upper  
139 100  
109 86.4 61.9 101.9  
65 108.5 93.5 133.5





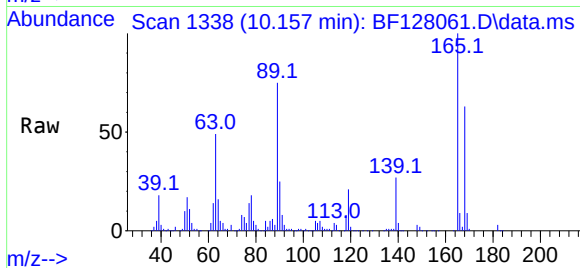
#57  
2,4-Dinitrotoluene  
Concen: 40.811 ng  
RT: 10.157 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

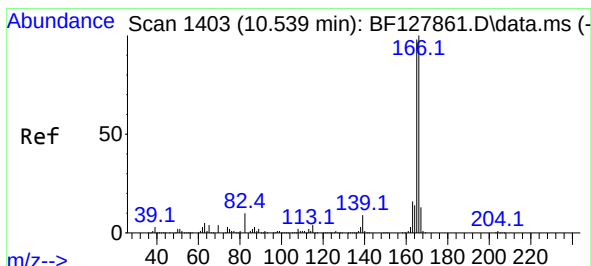
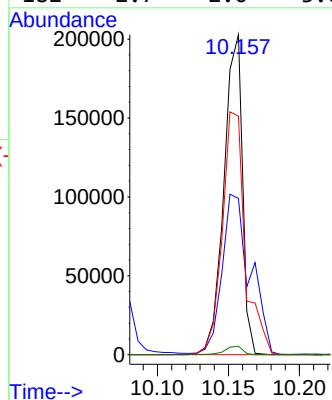
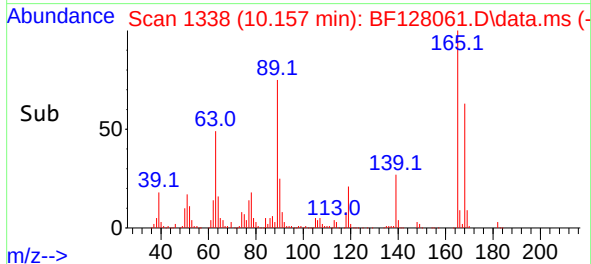


Tgt Ion:165 Resp: 18318  
Ion Ratio Lower Upper  
165 100  
63 48.9 32.6 49.0  
89 74.6 55.2 82.8  
182 2.7 2.0 3.0

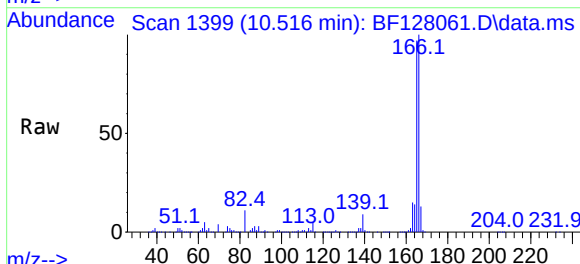
Manual Integrations

APPROVED

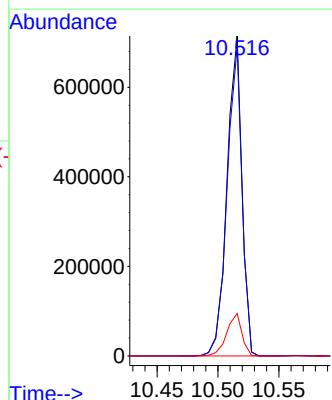
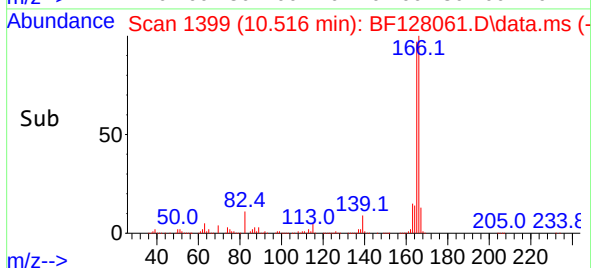
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



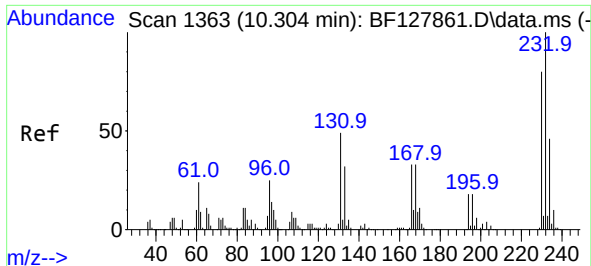
#58  
Fluorene  
Concen: 41.800 ng  
RT: 10.516 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:166 Resp: 609023  
Ion Ratio Lower Upper  
166 100  
165 96.5 78.6 117.8  
167 13.3 10.5 15.7

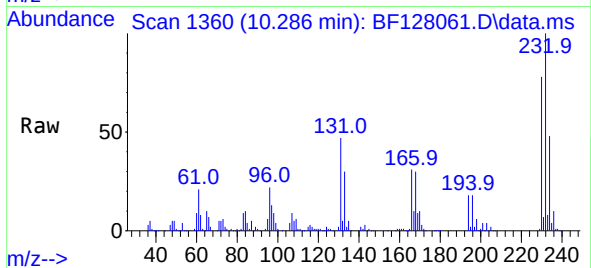






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.856 ng  
RT: 10.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

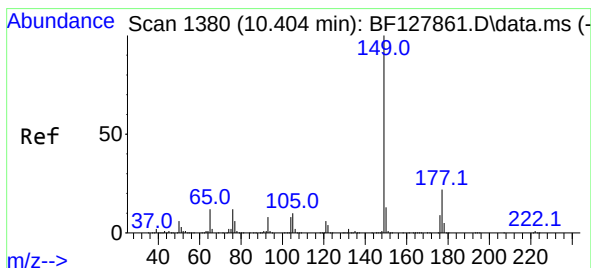
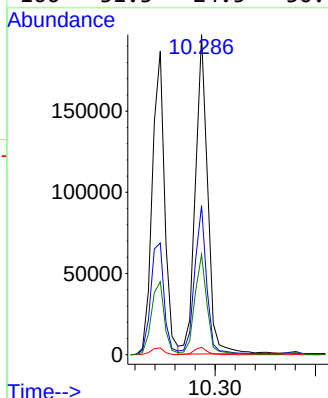
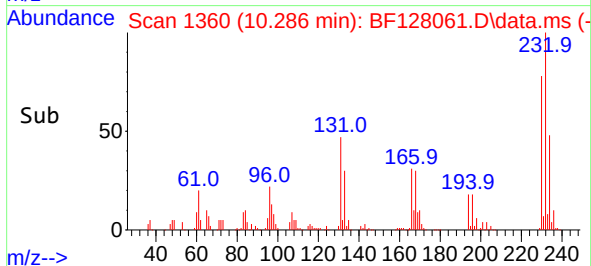
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



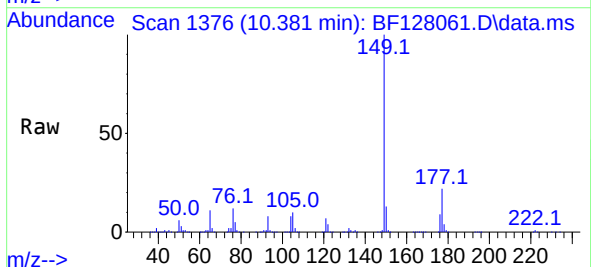
Tgt Ion:232 Resp: 16904  
Ion Ratio Lower Upper  
232 100  
131 45.4 35.4 53.2  
130 2.4 1.9 2.9  
166 31.3 24.5 36.7

Manual Integrations  
APPROVED

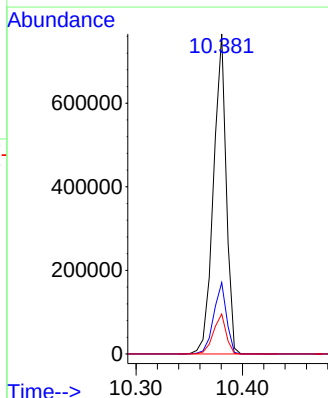
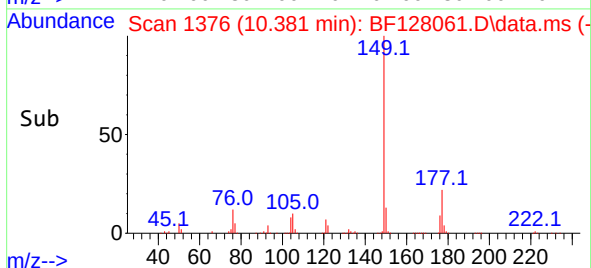
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

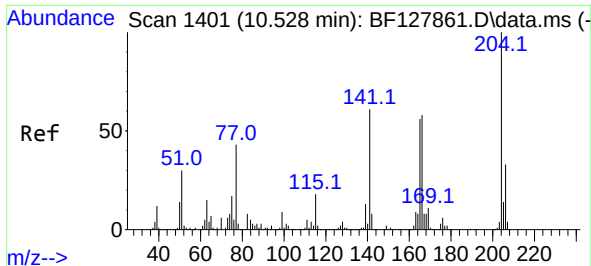


#60  
Diethylphthalate  
Concen: 41.345 ng  
RT: 10.381 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:149 Resp: 634519  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.8 26.8  
150 12.5 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 42.316 ng  
RT: 10.504 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

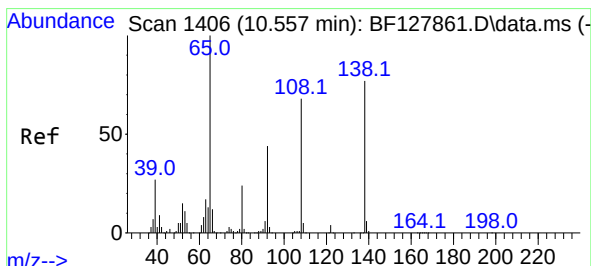
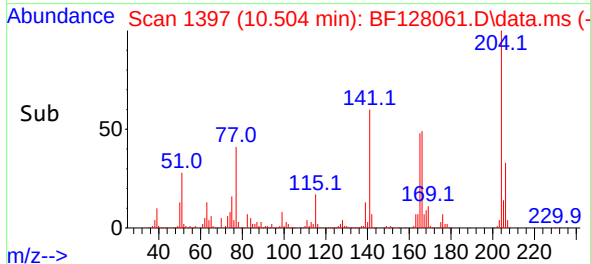
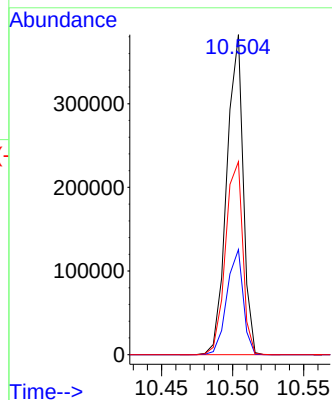
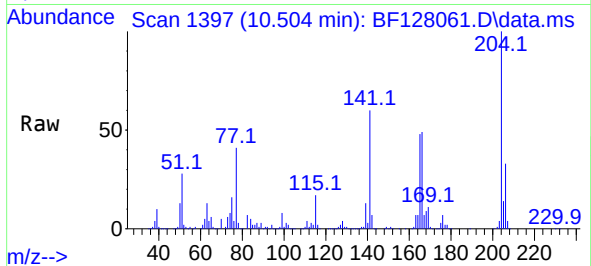
SSTDCCC040

Tgt Ion:204 Resp: 30637  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 60.3 48.7 73.1

Manual Integrations

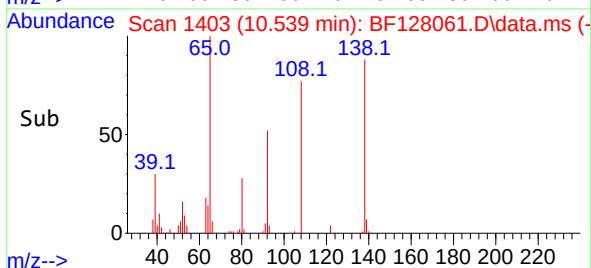
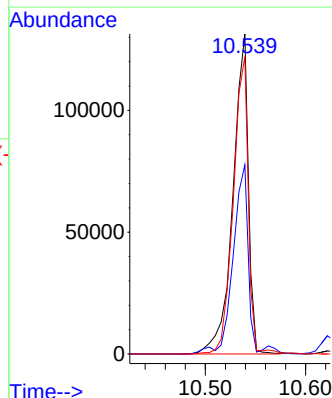
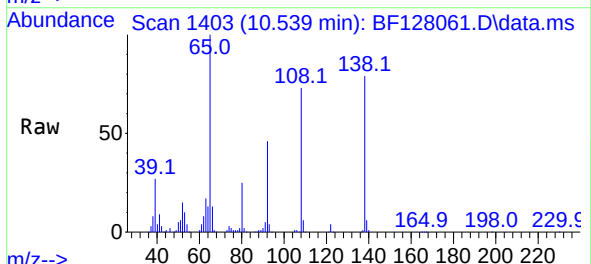
APPROVED

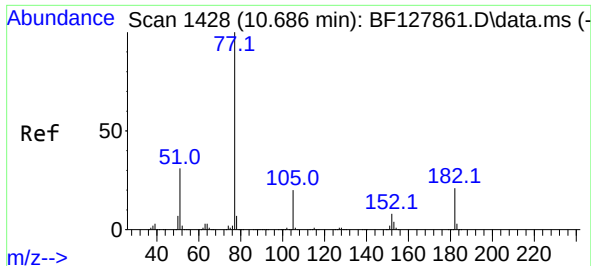
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#62  
4-Nitroaniline  
Concen: 38.184 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:138 Resp: 140469  
Ion Ratio Lower Upper  
138 100  
92 59.1 37.4 77.4  
108 92.9 68.4 108.4





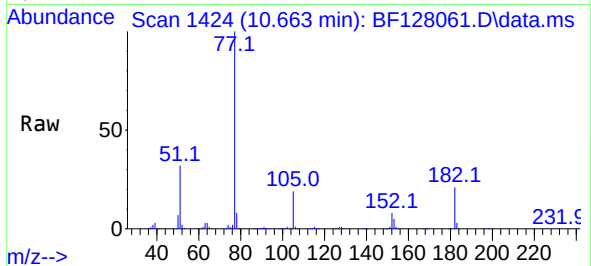
#63  
Azobenzene  
Concen: 41.293 ng  
RT: 10.663 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

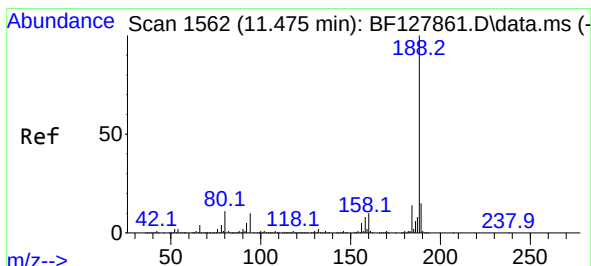
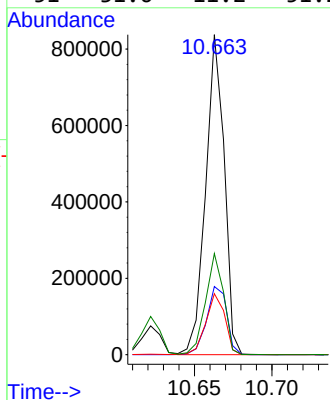
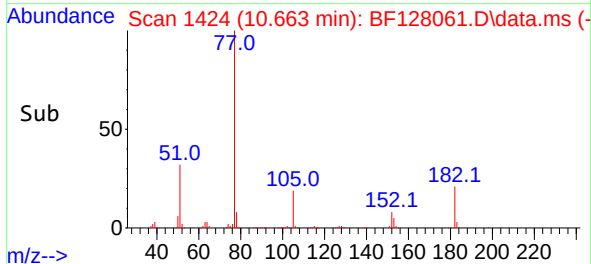


Tgt Ion: 77 Resp: 69733  
Ion Ratio Lower Upper  
77 100  
182 21.3 1.2 41.2  
105 19.1 0.0 39.8  
51 31.6 11.2 51.2

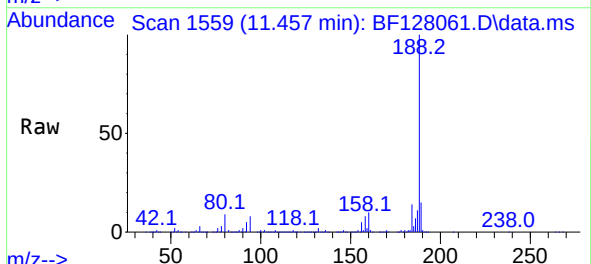
Manual Integrations

APPROVED

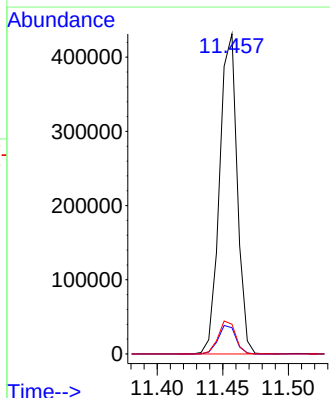
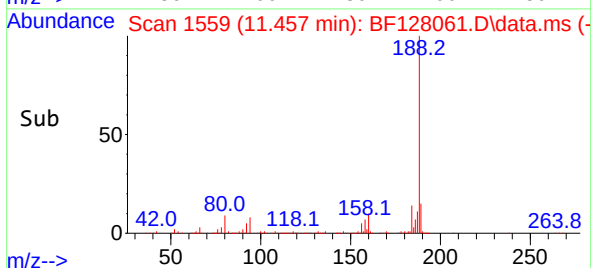
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

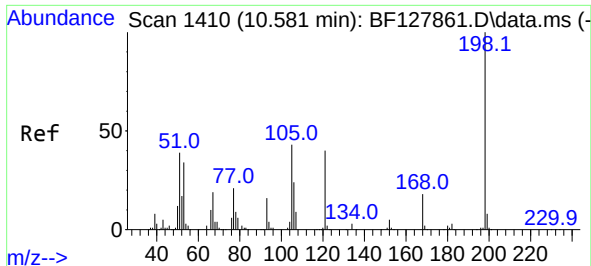


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1559  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:188 Resp: 403145  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.0 12.0  
80 9.3 8.9 13.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.131 ng  
RT: 10.569 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

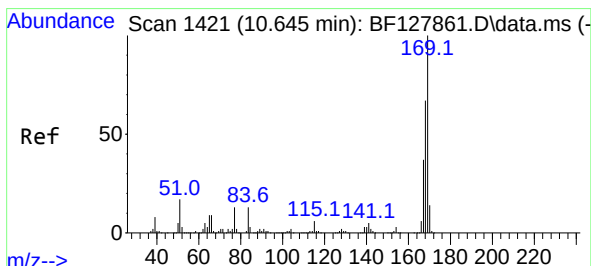
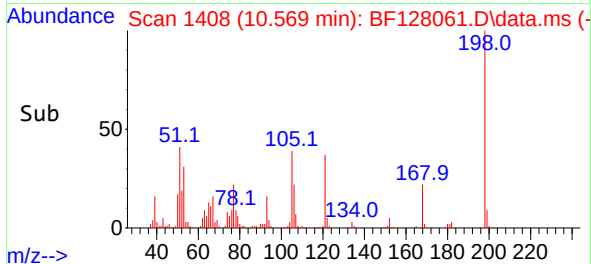
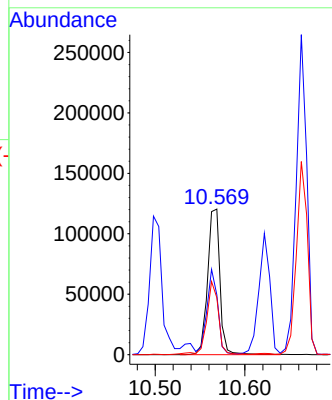
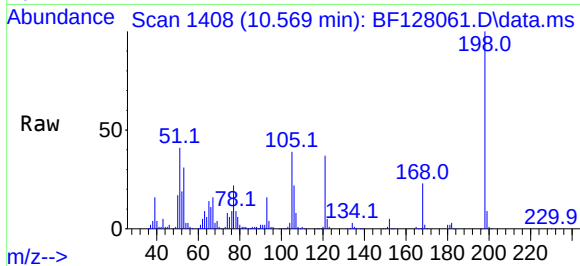
SSTDCCC040

Tgt Ion:198 Resp: 115290  
Ion Ratio Lower Upper  
198 100  
51 41.1 28.4 68.4  
105 39.1 23.4 63.4

Manual Integrations

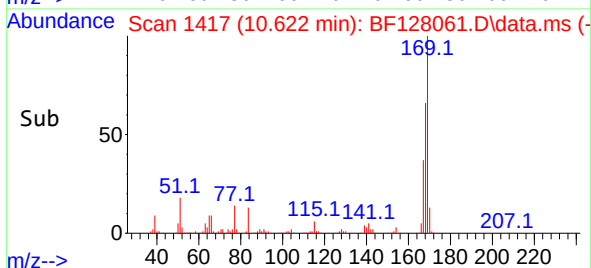
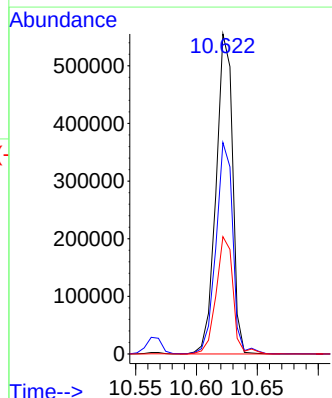
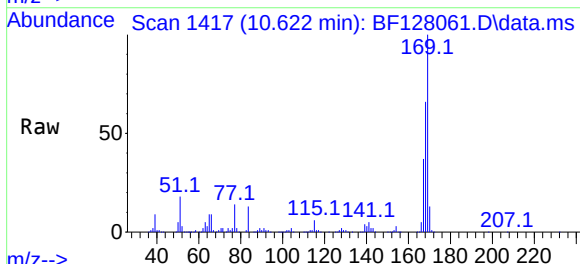
APPROVED

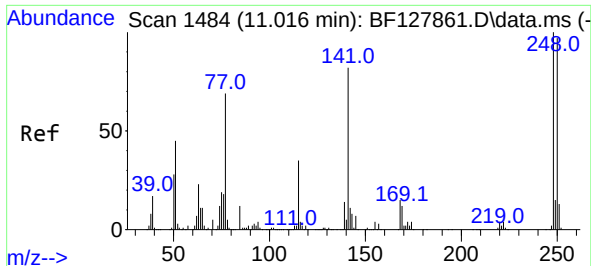
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.966 ng  
RT: 10.622 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:169 Resp: 526429  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.8 80.6  
167 36.6 29.5 44.3





#67  
4-Bromophenyl-phenylether  
Concen: 43.559 ng  
RT: 10.992 min Scan# 1480  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

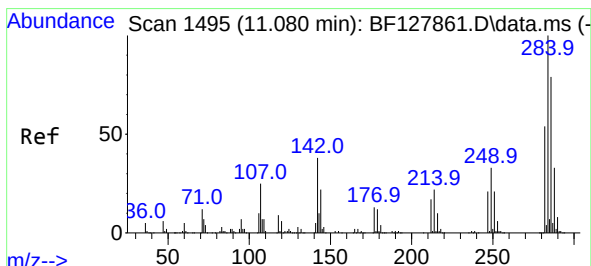
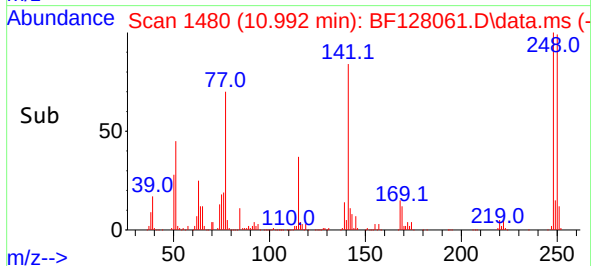
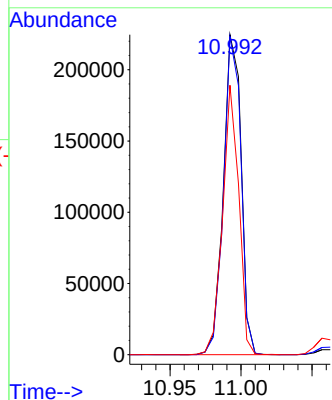
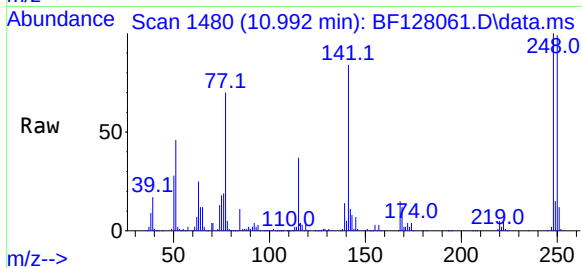
SSTDCCC040

Tgt Ion:248 Resp: 194669  
Ion Ratio Lower Upper  
248 100  
250 99.3 77.7 116.5  
141 84.2 65.6 98.4

Manual Integrations

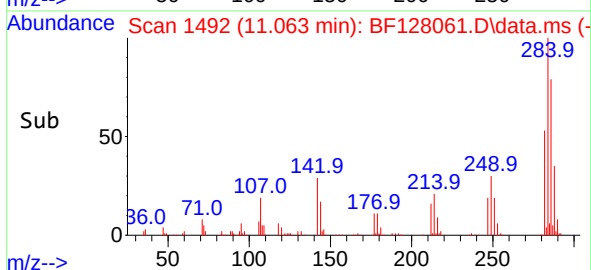
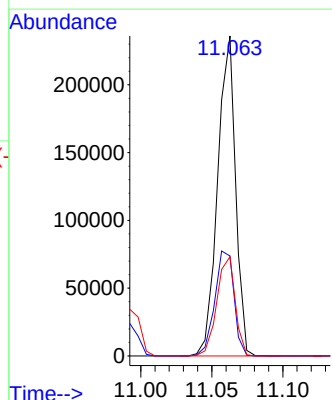
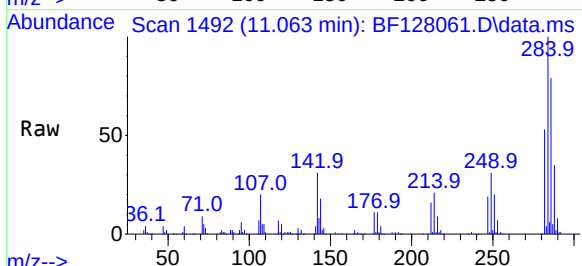
APPROVED

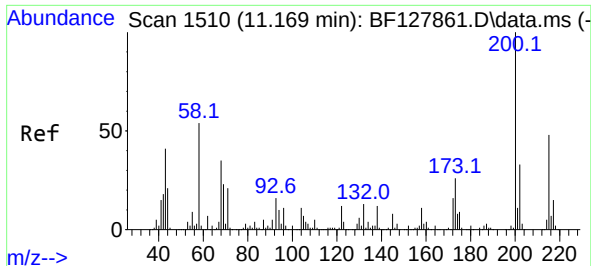
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#68  
Hexachlorobenzene  
Concen: 43.957 ng  
RT: 11.063 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

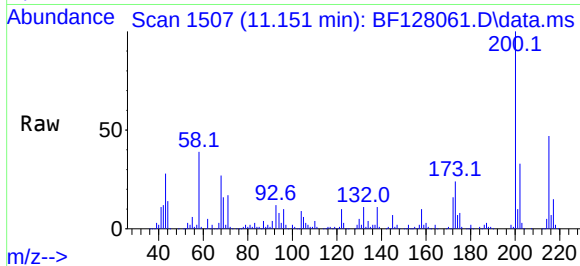
Tgt Ion:284 Resp: 206974  
Ion Ratio Lower Upper  
284 100  
142 31.2 30.2 45.4  
249 31.0 26.1 39.1





#69  
Atrazine  
Concen: 41.394 ng  
RT: 11.151 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

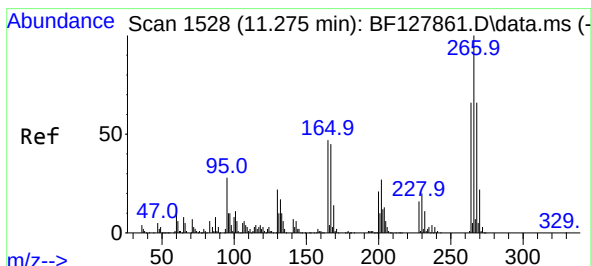
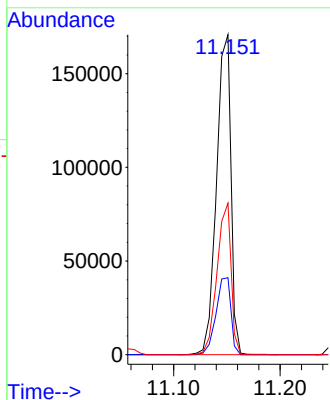
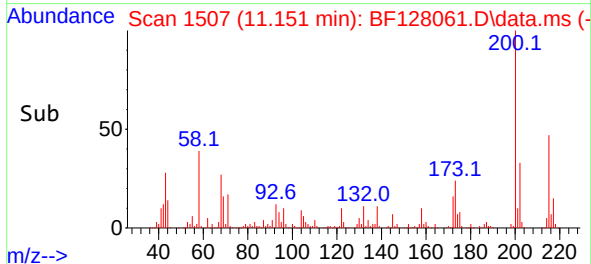
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



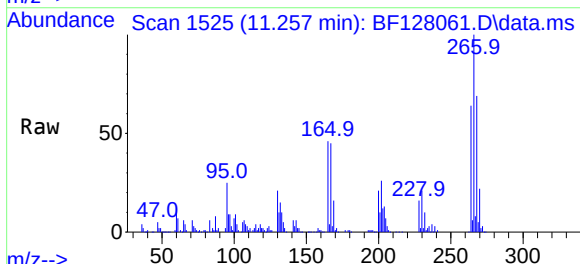
Tgt Ion:200 Resp: 16056  
Ion Ratio Lower Upper  
200 100  
173 24.1 6.0 46.0  
215 47.4 28.1 68.1

Manual Integrations  
APPROVED

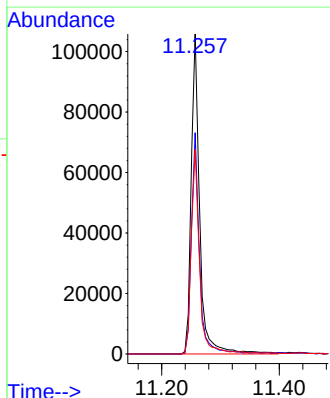
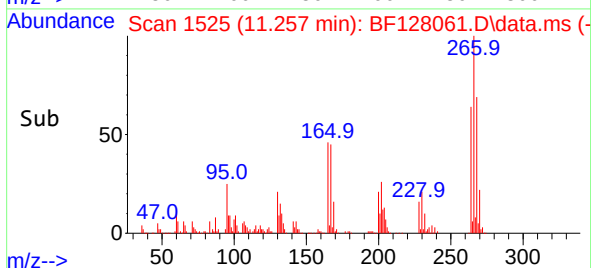
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

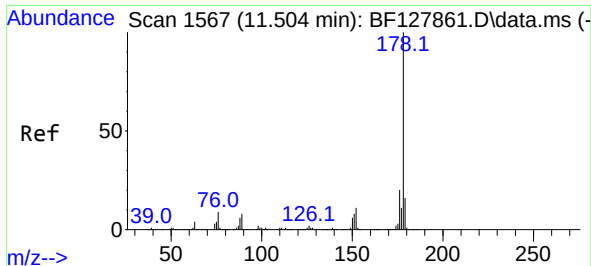


#70  
Pentachlorophenol  
Concen: 38.367 ng  
RT: 11.257 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:266 Resp: 106280  
Ion Ratio Lower Upper  
266 100  
268 69.2 53.0 79.6  
264 63.9 53.1 79.7





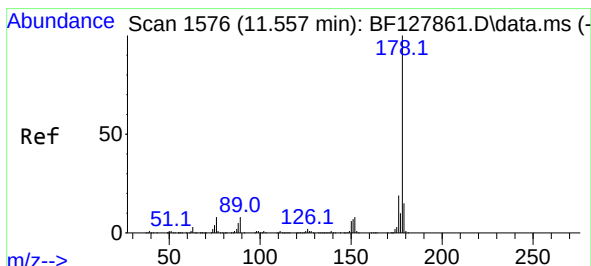
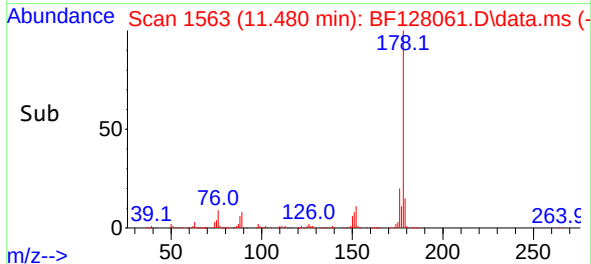
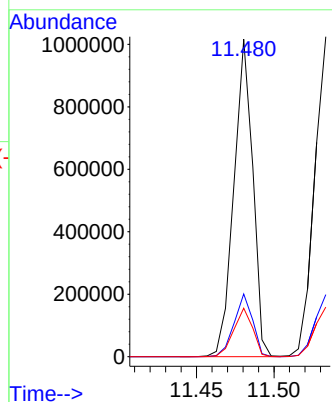
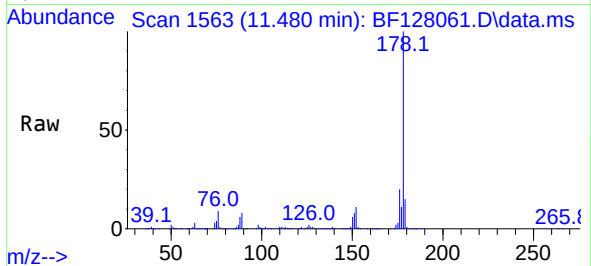
#71  
Phenanthrene  
Concen: 40.804 ng  
RT: 11.480 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 861074  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.7 23.5  
179 15.3 12.6 19.0

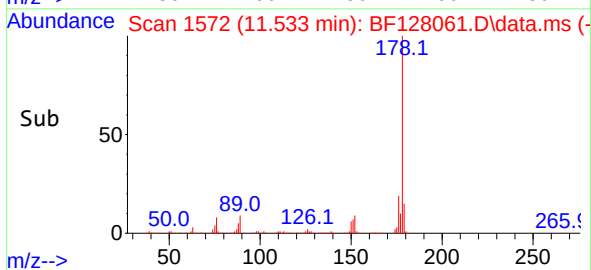
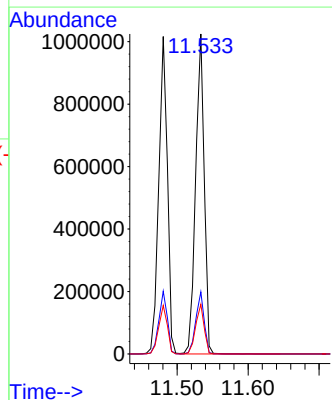
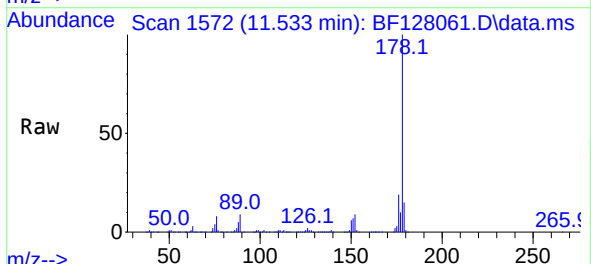
Manual Integrations  
APPROVED

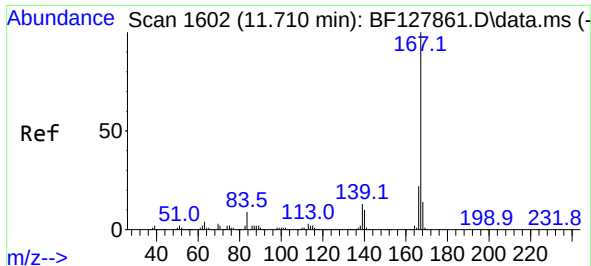
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#72  
Anthracene  
Concen: 41.308 ng  
RT: 11.533 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:178 Resp: 868361  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.6  
179 15.5 12.4 18.6





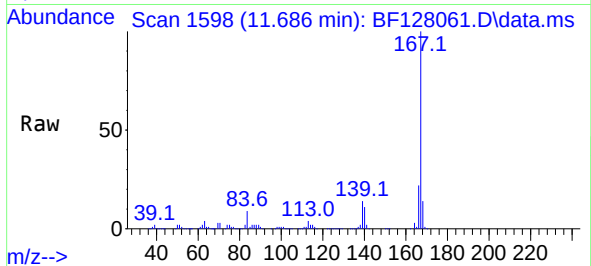
#73  
 Carbazole  
 Concen: 39.595 ng  
 RT: 11.686 min Scan# 1167  
 Delta R.T. 0.000 min  
 Lab File: BF128061.D  
 Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

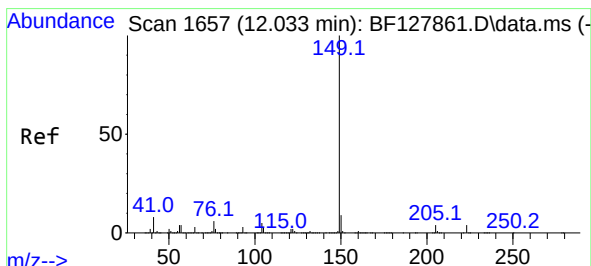
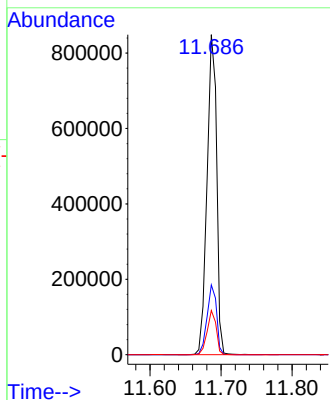
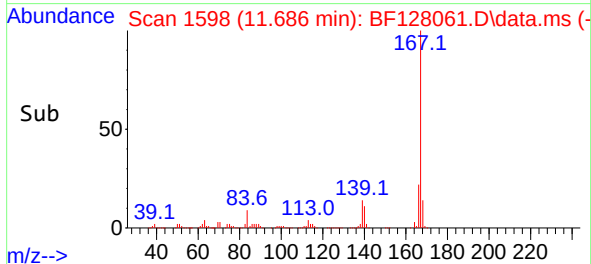


Tgt Ion:167 Resp: 802199  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.6 26.4  
 139 13.8 10.7 16.1

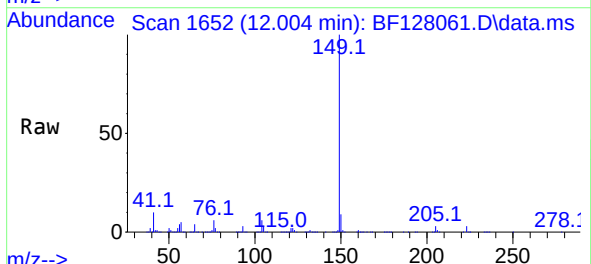
Manual Integrations

APPROVED

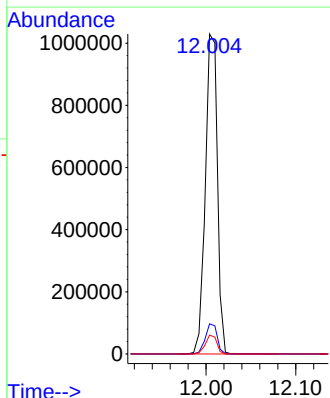
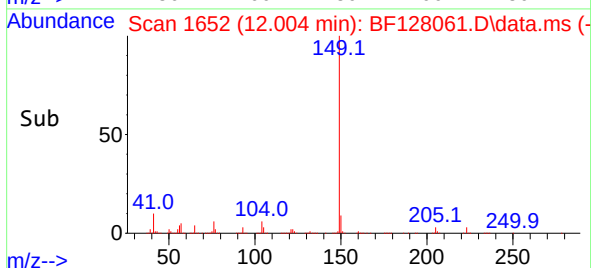
Reviewed By :Christian Giraldo 05/05/2022  
 Supervised By :Jagrut Upadhyay 05/05/2022



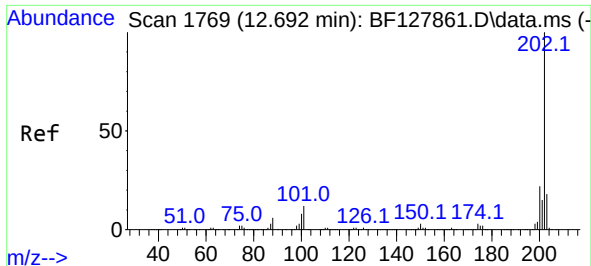
#74  
 Di-n-butylphthalate  
 Concen: 42.118 ng  
 RT: 12.004 min Scan# 1652  
 Delta R.T. -0.006 min  
 Lab File: BF128061.D  
 Acq: 04 May 2022 09:59



Tgt Ion:149 Resp: 959533  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.9 4.3 6.5







#75  
Fluoranthene  
Concen: 39.606 ng  
RT: 12.674 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

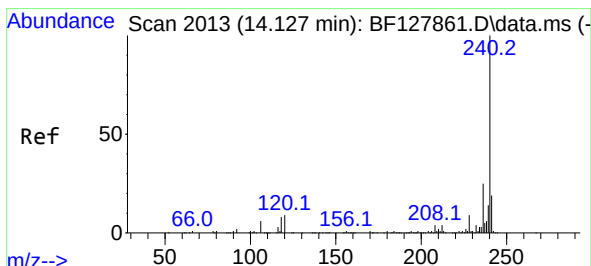
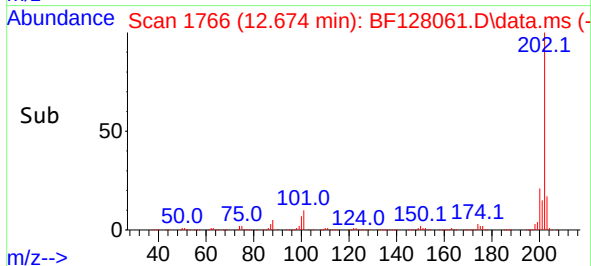
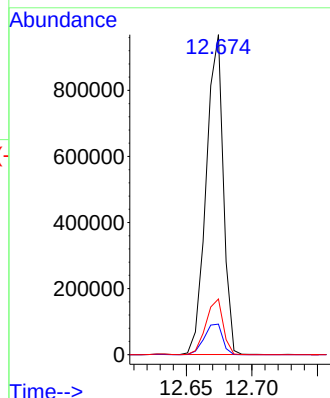
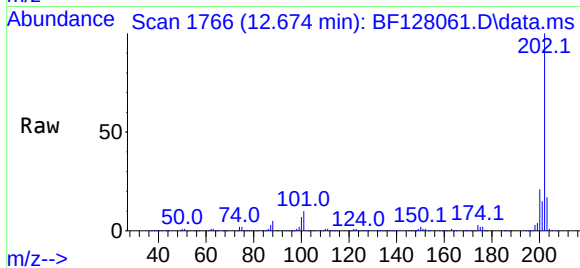
SSTDCCC040

Tgt Ion:202 Resp: 87963  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 31.6  
203 17.4 0.0 38.1

Manual Integrations

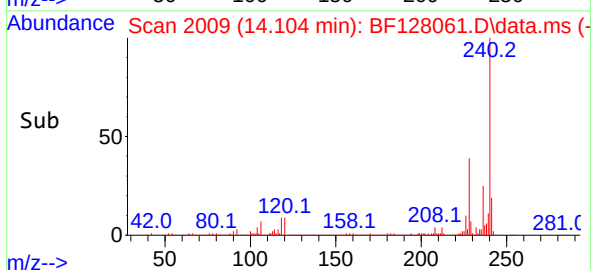
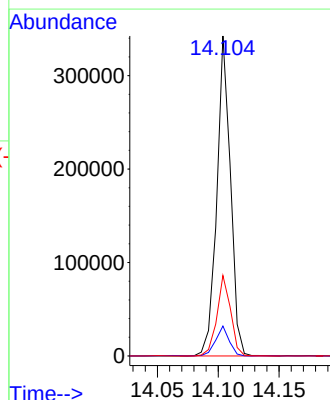
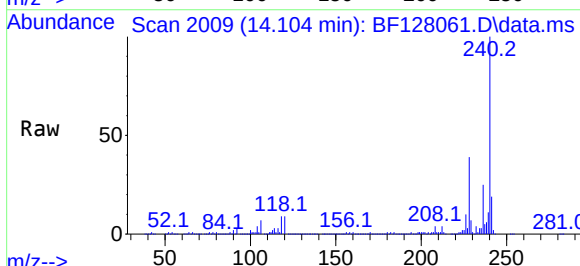
APPROVED

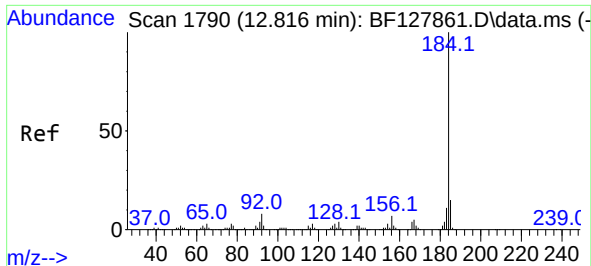
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.104 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

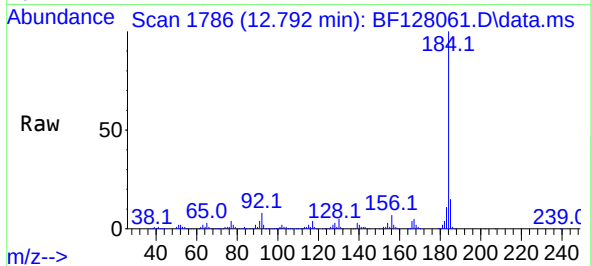
Tgt Ion:240 Resp: 267195  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.0 10.6  
236 25.1 20.3 30.5





#77  
Benzidine  
Concen: 50.551 ng  
RT: 12.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

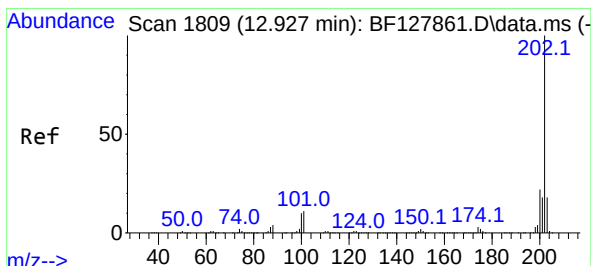
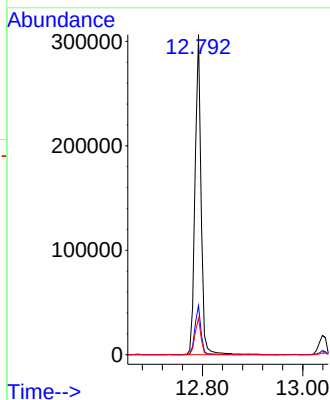
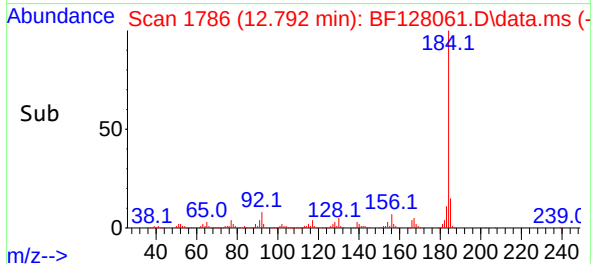
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



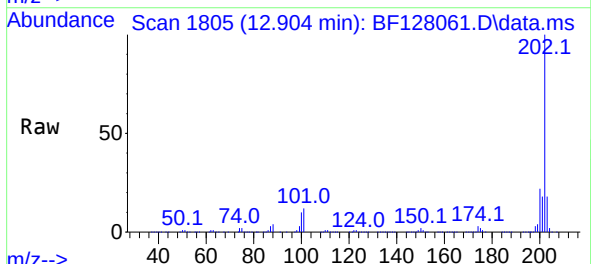
Tgt Ion:184 Resp: 255572  
Ion Ratio Lower Upper  
184 100  
185 15.4 12.1 18.1  
183 11.4 9.0 13.4

Manual Integrations  
APPROVED

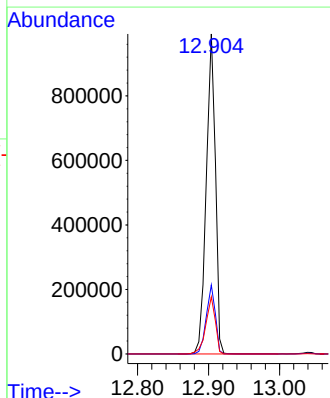
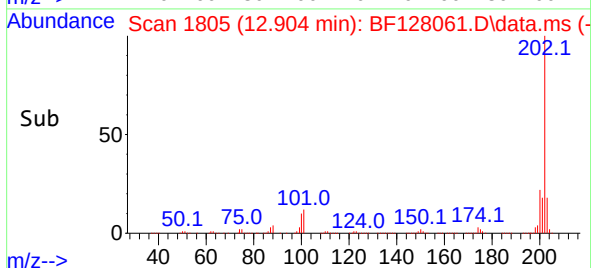
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

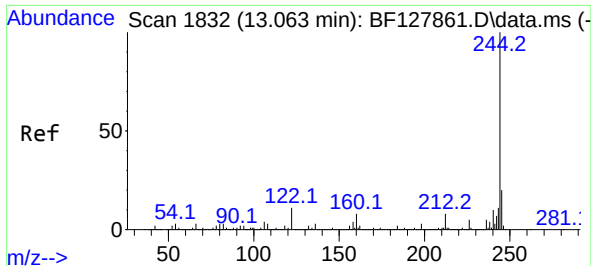


#78  
Pyrene  
Concen: 41.328 ng  
RT: 12.904 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:202 Resp: 891418  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.4 26.2  
203 17.8 14.0 21.0





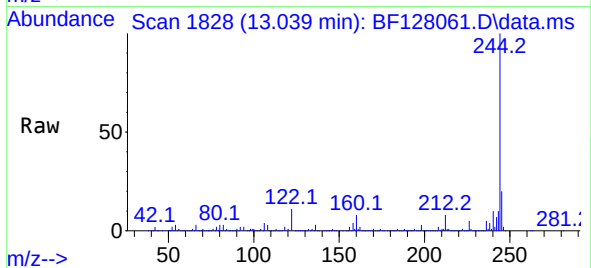
#79  
Terphenyl-d14  
Concen: 87.412 ng  
RT: 13.039 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

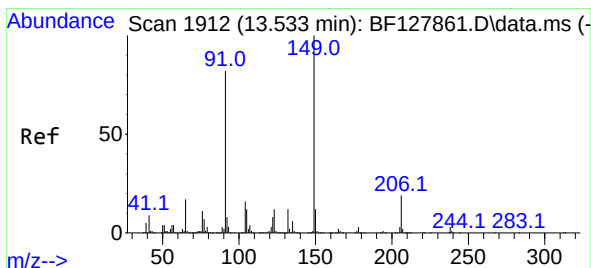
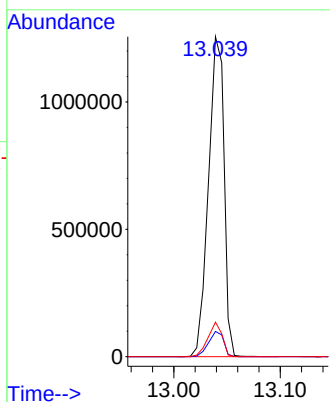
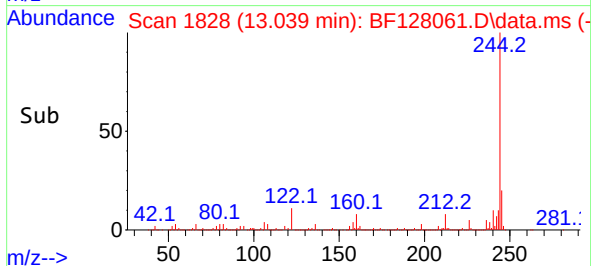


Tgt Ion:244 Resp: 1277290  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.2 9.4  
122 10.8 8.6 12.8

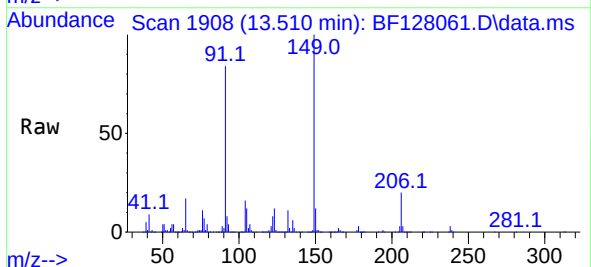
Manual Integrations

APPROVED

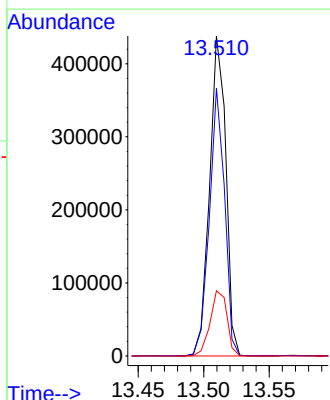
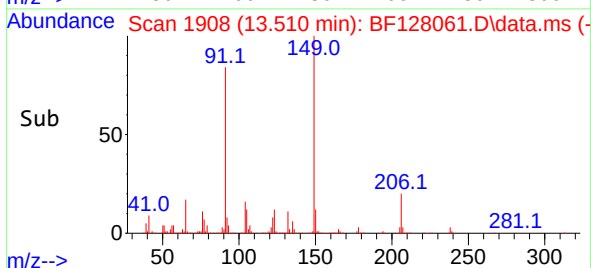
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

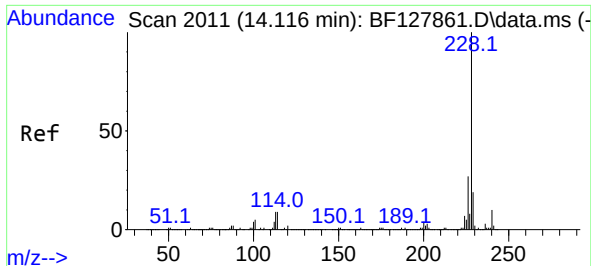


#80  
Butylbenzylphthalate  
Concen: 44.778 ng  
RT: 13.510 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:149 Resp: 378560  
Ion Ratio Lower Upper  
149 100  
91 83.7 65.8 98.6  
206 20.3 15.4 23.2





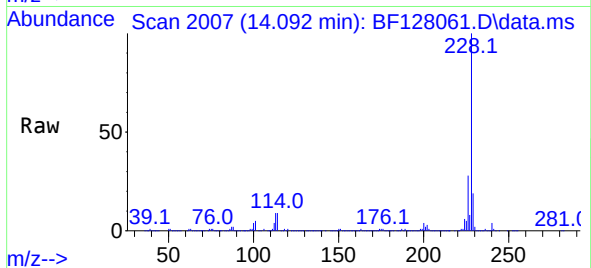
#81  
Benzo(a)anthracene  
Concen: 41.742 ng  
RT: 14.092 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

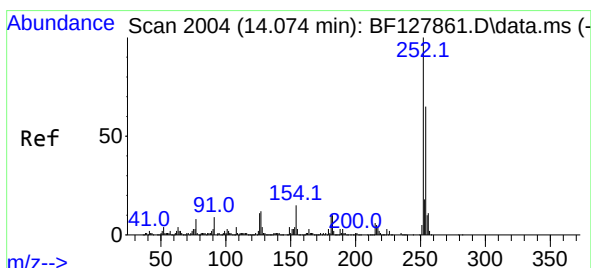
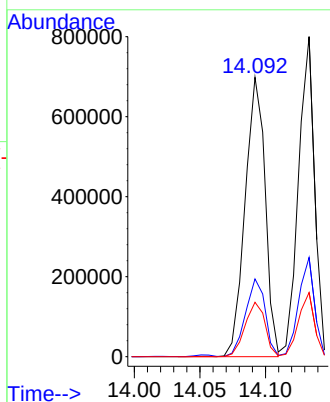
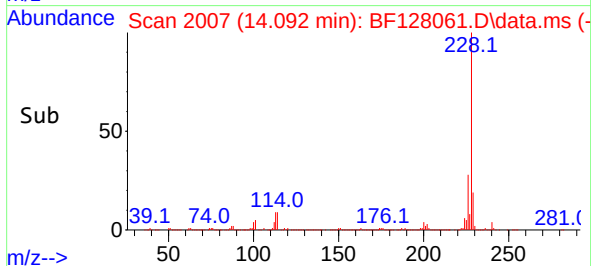


Tgt Ion:228 Resp: 74339  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 19.5 15.4 23.2

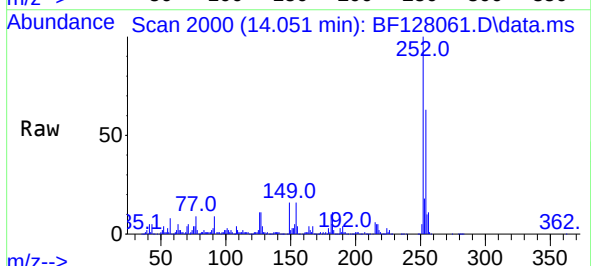
Manual Integrations

APPROVED

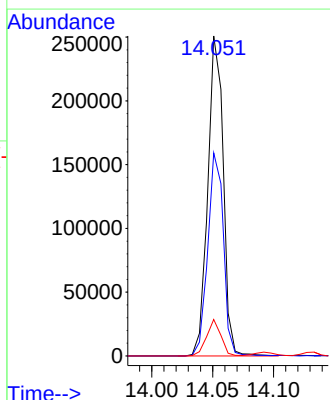
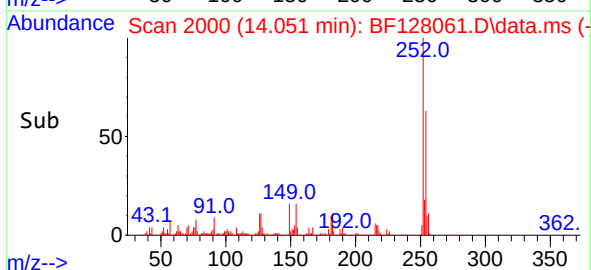
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

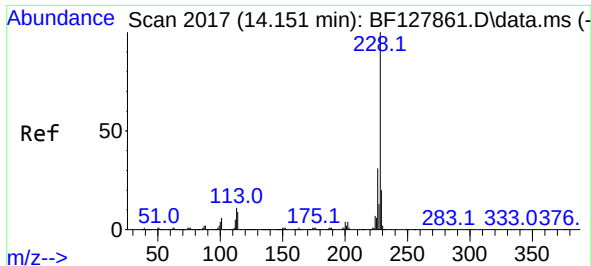


#82  
3,3'-Dichlorobenzidine  
Concen: 39.139 ng  
RT: 14.051 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:252 Resp: 221320  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.6 77.4  
126 11.4 8.8 13.2





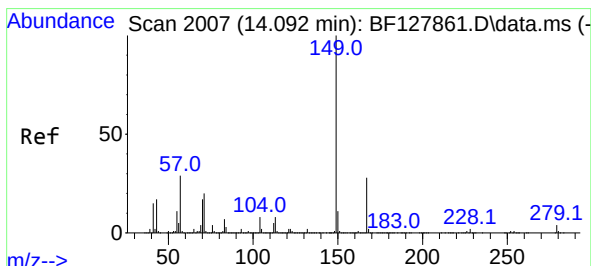
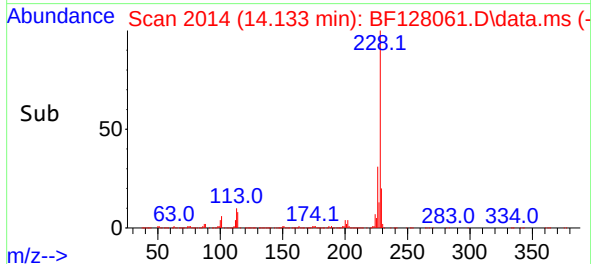
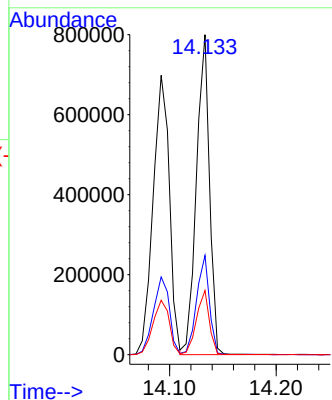
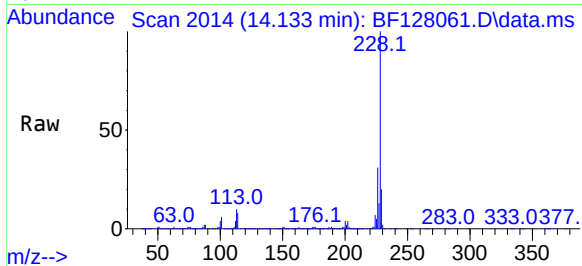
#83  
Chrysene  
Concen: 40.130 ng  
RT: 14.133 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 682550  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.4 36.6  
229 20.1 15.8 23.8

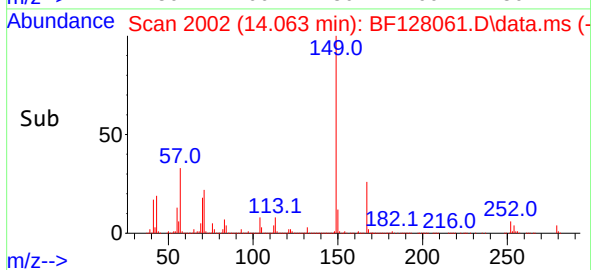
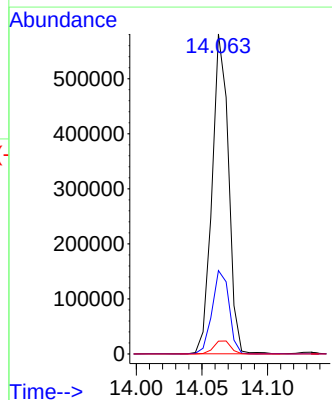
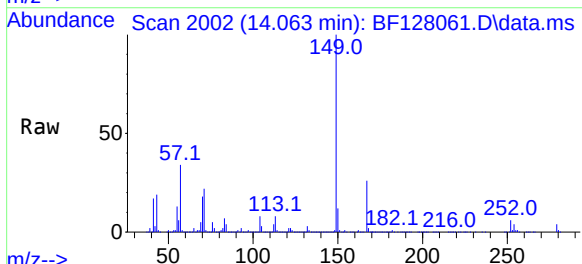
Manual Integrations  
APPROVED

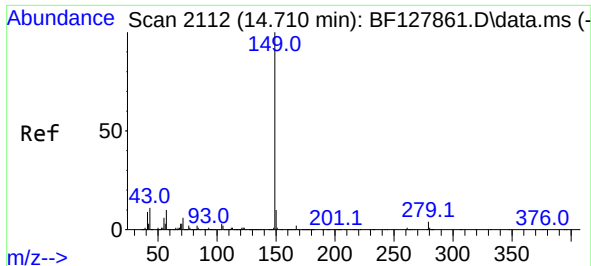
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.223 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

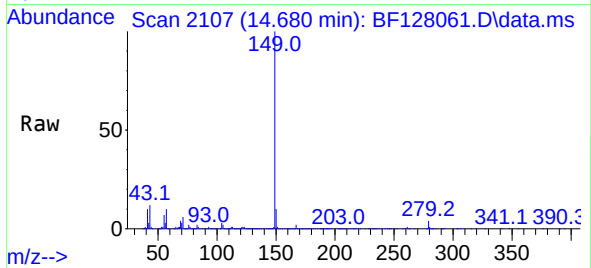
Tgt Ion:149 Resp: 507005  
Ion Ratio Lower Upper  
149 100  
167 26.1 22.0 33.0  
279 4.0 3.4 5.0





#85  
Di-n-octyl phthalate  
Concen: 45.075 ng  
RT: 14.680 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

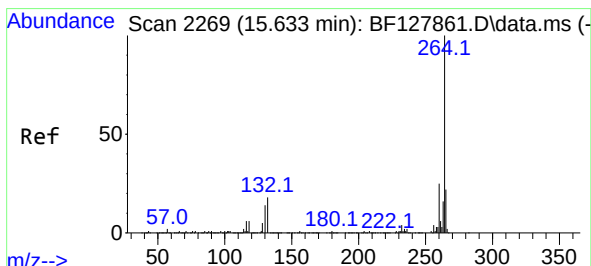
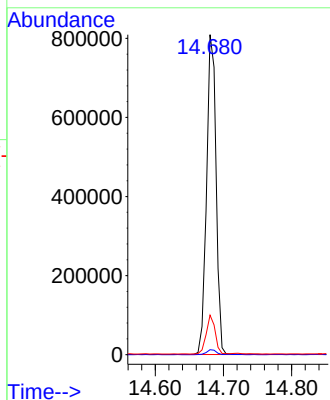
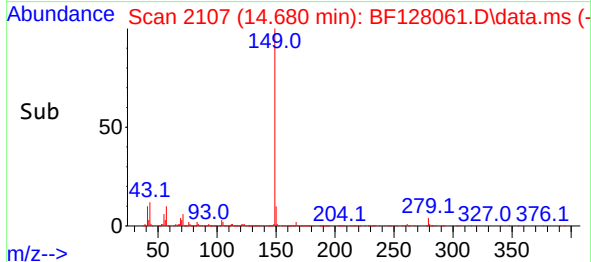
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



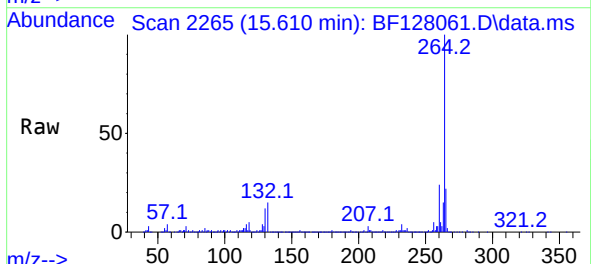
Tgt Ion:149 Resp: 783140  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.4 8.9 13.3

Manual Integrations  
APPROVED

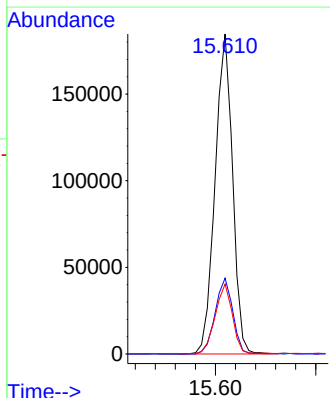
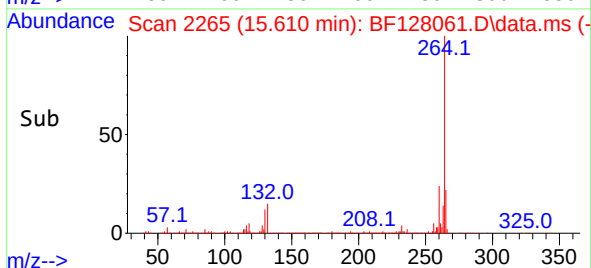
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

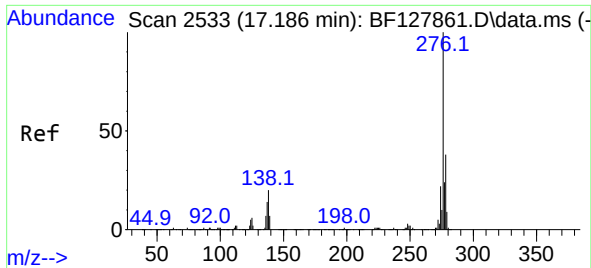


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.610 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:264 Resp: 223052  
Ion Ratio Lower Upper  
264 100  
260 23.7 20.1 30.1  
265 21.8 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.863 ng  
RT: 17.157 min Scan# 2189  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

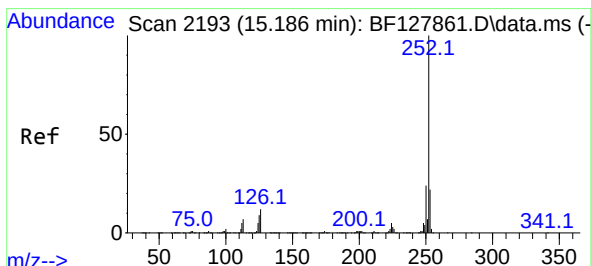
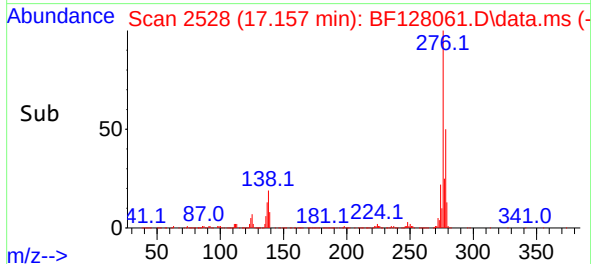
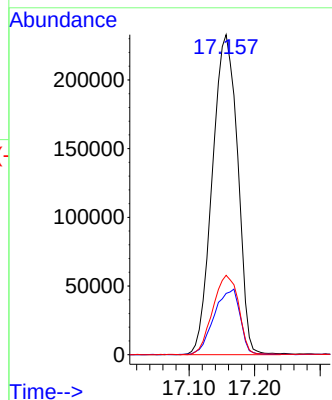
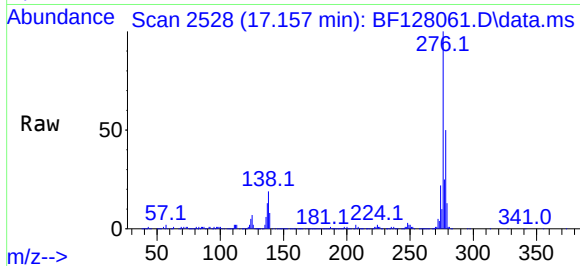
SSTDCCC040

Tgt Ion:276 Resp: 62327  
Ion Ratio Lower Upper  
276 100  
138 21.2 19.0 28.4  
277 25.5 20.1 30.1

Manual Integrations

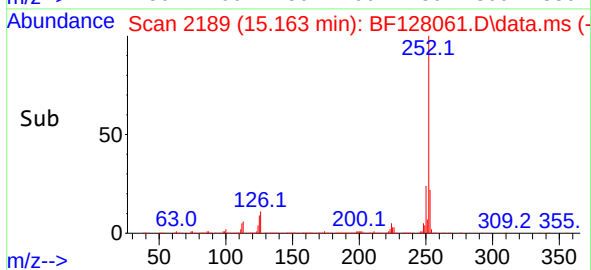
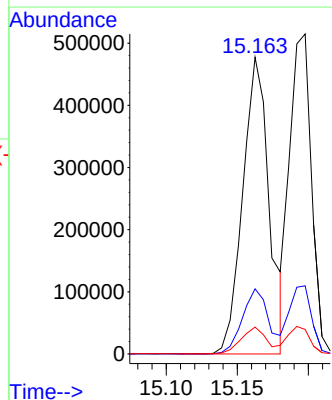
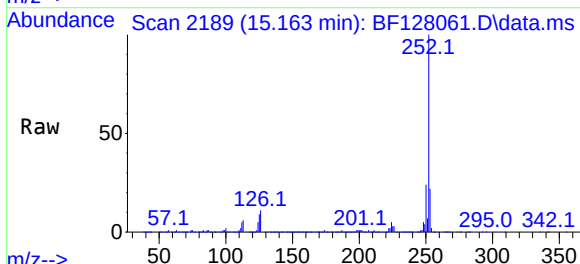
APPROVED

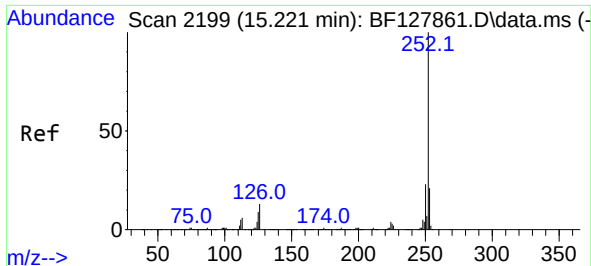
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#88  
Benzo(b)fluoranthene  
Concen: 44.129 ng  
RT: 15.163 min Scan# 2189  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Tgt Ion:252 Resp: 618233  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.877 ng

RT: 15.198 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 54873

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

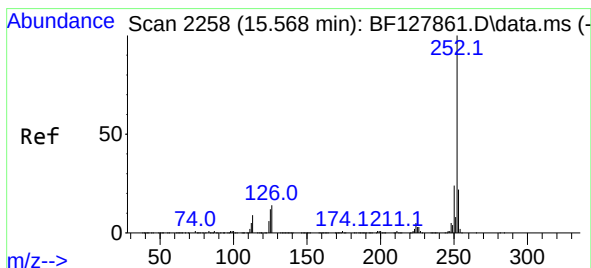
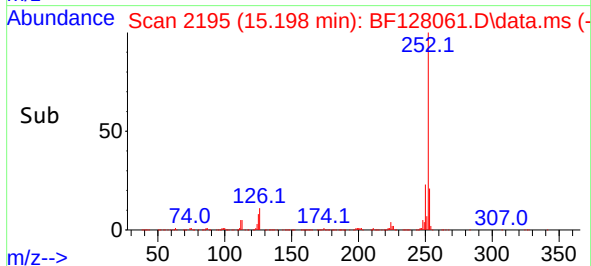
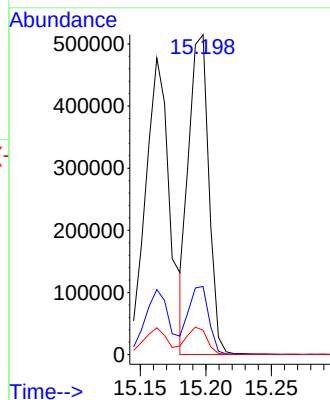
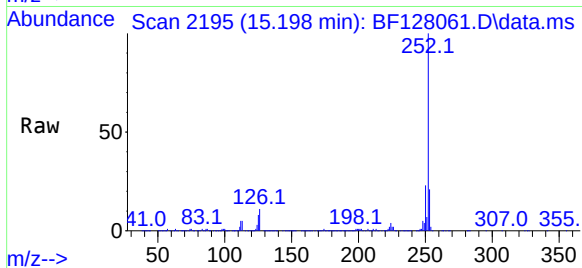
125 7.6 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#90

Benzo(a)pyrene

Concen: 41.855 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF128061.D

Acq: 04 May 2022 09:59

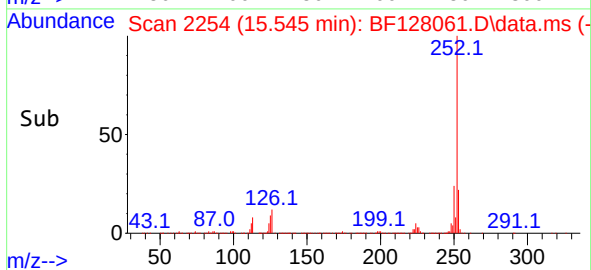
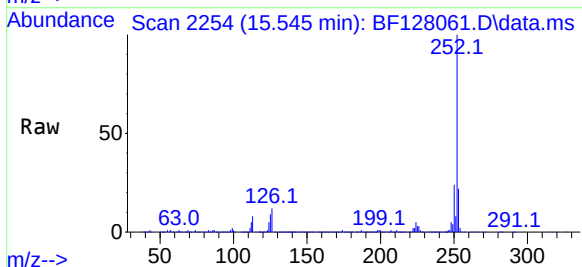
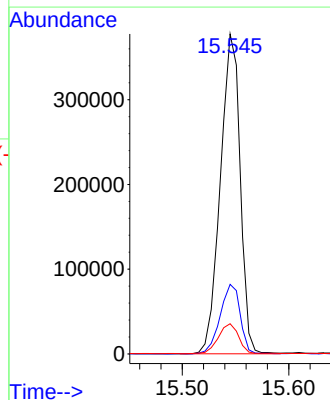
Tgt Ion:252 Resp: 486392

Ion Ratio Lower Upper

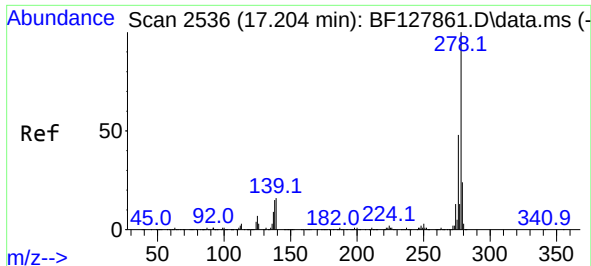
252 100

253 21.8 17.8 26.6

125 9.5 9.2 13.8







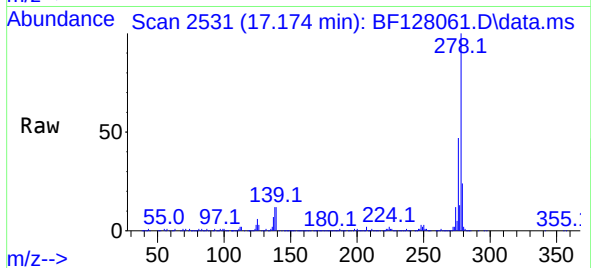
#91  
Dibenzo(a,h)anthracene  
Concen: 42.667 ng  
RT: 17.174 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

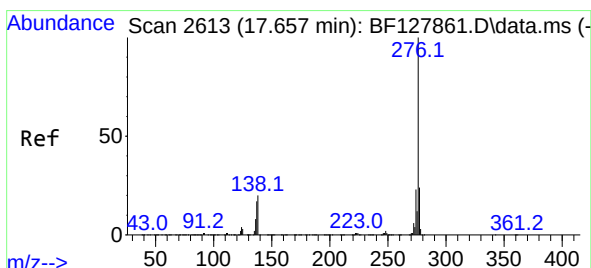
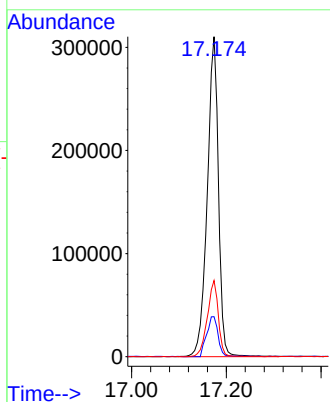
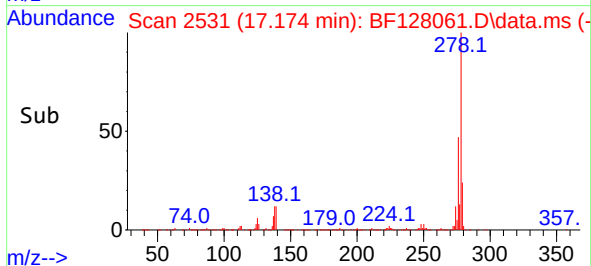


Tgt Ion:278 Resp: 509462  
Ion Ratio Lower Upper  
278 100  
139 12.5 12.6 19.0  
279 23.8 18.9 28.3

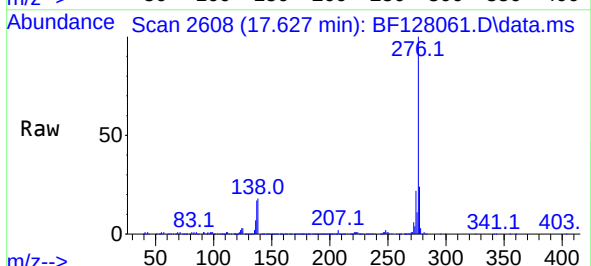
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#92  
Benzo(g,h,i)perylene  
Concen: 41.066 ng  
RT: 17.627 min Scan# 2608  
Delta R.T. -0.006 min  
Lab File: BF128061.D  
Acq: 04 May 2022 09:59



Tgt Ion:276 Resp: 516750  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.8 28.2  
138 18.3 16.2 24.2

