

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090122\  
 Data File : BF130069.D  
 Acq On : 01 Sep 2022 09:44  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022  
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 01 12:41:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 299169   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.987  | 136  | 1146898  | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.739  | 164  | 589586   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.222 | 188  | 975774   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.851 | 240  | 571137   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.251 | 264  | 497564   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.304  | 112  | 1333249  | 75.656 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.340  | 99   | 1686877  | 76.780 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.281  | 82   | 1476042  | 82.710 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.528 | 330  | 429835   | 80.090 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 2517602  | 70.797 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.810 | 244  | 2490762  | 75.626 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.381  | 88   | 316559   | 38.438 | ng    | 95       |
| 3) Pyridine                   | 3.087  | 79   | 861674   | 39.018 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.046  | 42   | 336505   | 38.746 | ng    | 84       |
| 6) Aniline                    | 6.375  | 93   | 1064277  | 38.638 | ng    | # 50     |
| 8) 2-Chlorophenol             | 6.493  | 128  | 750614   | 38.807 | ng    | 97       |
| 9) Benzaldehyde               | 6.257  | 77   | 491574   | 36.555 | ng    | 96       |
| 10) Phenol                    | 6.357  | 94   | 951139   | 38.301 | ng    | # 66     |
| 11) bis(2-Chloroethyl)ether   | 6.451  | 93   | 718605   | 38.085 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.646  | 146  | 815259   | 38.022 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.728  | 146  | 821760   | 38.047 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 6.881  | 146  | 730560   | 37.210 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.857  | 79   | 545719m  | 36.852 | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 6.987  | 45   | 967958   | 37.747 | ng    | # 51     |
| 17) 2-Methylphenol            | 6.963  | 107  | 629233   | 38.667 | ng    | # 85     |
| 18) Hexachloroethane          | 7.216  | 117  | 306278   | 39.270 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.134  | 70   | 501935   | 37.923 | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.122  | 107  | 707532   | 37.076 | ng    | # 72     |
| 22) Acetophenone              | 7.128  | 105  | 928941   | 36.254 | ng    | # 95     |
| 24) Nitrobenzene              | 7.298  | 77   | 763371   | 40.221 | ng    | 95       |
| 25) Isophorone                | 7.540  | 82   | 1371778  | 37.978 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.610  | 139  | 373584   | 42.346 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.646  | 122  | 601432   | 39.682 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.751  | 93   | 821463   | 37.860 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 7.845  | 162  | 632096   | 38.990 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.928  | 180  | 639712   | 37.423 | ng    | 97       |
| 31) Naphthalene               | 8.010  | 128  | 2132541  | 36.867 | ng    | 99       |
| 32) Benzoic acid              | 7.781  | 122  | 510182   | 42.154 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.063  | 127  | 876352   | 37.499 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.128  | 225  | 372467   | 38.046 | ng    | 99       |
| 35) Caprolactam               | 8.451  | 113  | 202175   | 40.243 | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 8.545  | 107  | 623481   | 38.006 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.698  | 142  | 1376645  | 36.946 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.798  | 142  | 1343211  | 37.087 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.863  | 216  | 574081   | 37.341 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 320042   | 39.833 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.975  | 196  | 412900   | 37.625 | ng    | 96       |

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

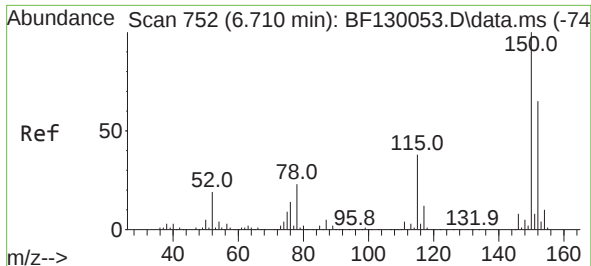
Reviewed By : Christian Giraldo 09/02/2022  
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 01 12:41:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
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 QLast Update : Wed Aug 31 18:15:32 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.016  | 196  | 478012   | 40.188 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 1573031  | 36.724 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.192  | 162  | 1282495  | 37.369 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.287  | 65   | 386533   | 45.704 | ng    | 90       |
| 49) Acenaphthylene            | 9.604  | 152  | 1927538  | 36.986 | ng    | 99       |
| 50) Dimethylphthalate         | 9.475  | 163  | 1542079  | 38.400 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.534  | 165  | 337051   | 43.049 | ng    | 93       |
| 52) Acenaphthene              | 9.775  | 154  | 1236529m | 37.648 | ng    |          |
| 53) 3-Nitroaniline            | 9.704  | 138  | 382441   | 42.556 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.798  | 184  | 133484   | 41.846 | ng    | 95       |
| 55) Dibenzofuran              | 9.945  | 168  | 1764338  | 37.514 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.851  | 139  | 291569   | 42.083 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 9.934  | 165  | 415839   | 46.131 | ng    | # 85     |
| 58) Fluorene                  | 10.292 | 166  | 1289495  | 36.034 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.063 | 232  | 364997   | 39.509 | ng    | # 79     |
| 60) Diethylphthalate          | 10.169 | 149  | 1494212  | 38.461 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.287 | 204  | 582947   | 36.850 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.316 | 138  | 377097   | 43.146 | ng    | 95       |
| 63) Azobenzene                | 10.445 | 77   | 1422770  | 37.196 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.339 | 198  | 189048   | 42.020 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.404 | 169  | 1212391  | 37.168 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.769 | 248  | 416792   | 38.401 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.828 | 284  | 450482   | 38.091 | ng    | 99       |
| 69) Atrazine                  | 10.934 | 200  | 362980   | 39.334 | ng    | 97       |
| 70) Pentachlorophenol         | 11.022 | 266  | 258126   | 39.032 | ng    | 97       |
| 71) Phenanthrene              | 11.245 | 178  | 1916948  | 36.225 | ng    | 98       |
| 72) Anthracene                | 11.298 | 178  | 1901881  | 36.560 | ng    | 99       |
| 73) Carbazole                 | 11.451 | 167  | 1797506  | 37.471 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.792 | 149  | 2201001  | 38.050 | ng    | 100      |
| 75) Fluoranthene              | 12.428 | 202  | 1936989  | 36.913 | ng    | 96       |
| 77) Benzidine                 | 12.557 | 184  | 702244   | 45.541 | ng    | 99       |
| 78) Pyrene                    | 12.657 | 202  | 1944390  | 37.956 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.286 | 149  | 874192   | 42.903 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.839 | 228  | 1438432  | 36.750 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 488341   | 40.009 | ng    | 98       |
| 83) Chrysene                  | 13.880 | 228  | 1429141  | 37.035 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 1028184  | 40.596 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.457 | 149  | 1741824  | 43.537 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.598 | 276  | 1312655  | 39.994 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.857 | 252  | 1278924  | 38.544 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.886 | 252  | 1192905  | 37.173 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.192 | 252  | 1018938  | 38.646 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 16.621 | 278  | 1086576  | 40.458 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.010 | 276  | 1061677  | 39.511 | ng    | # 92     |

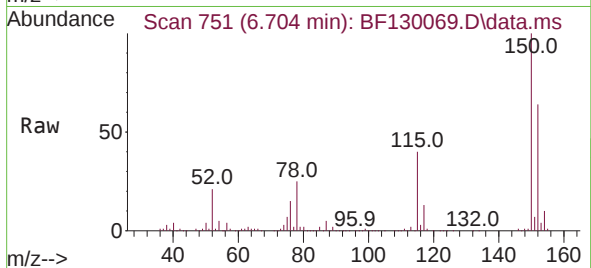
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.704 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130069.D  
 Acq: 01 Sep 2022 09:44

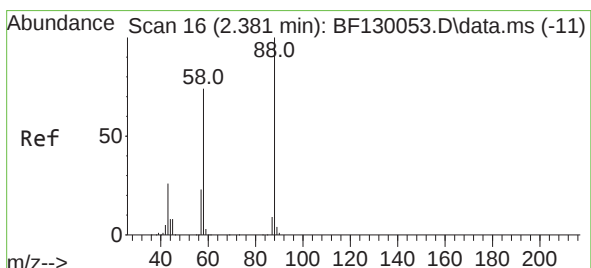
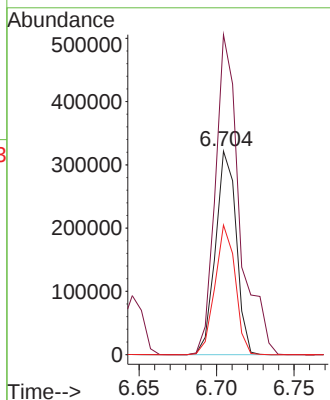
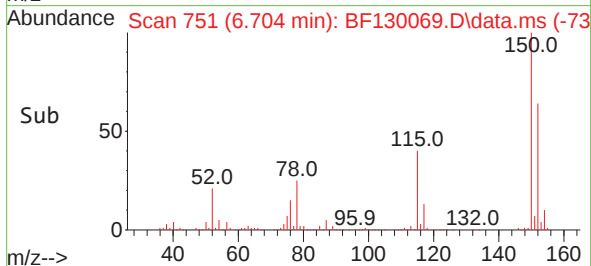
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:152 Resp: 299169  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 126.9 190.3  
 115 63.7 53.4 80.0

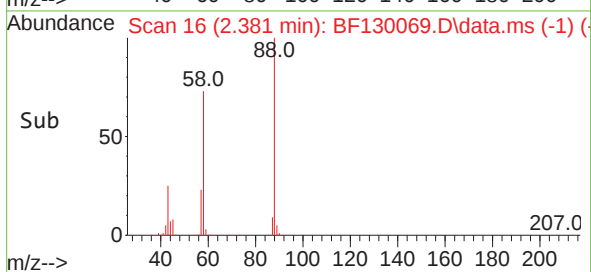
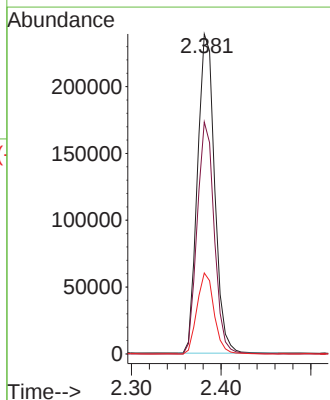
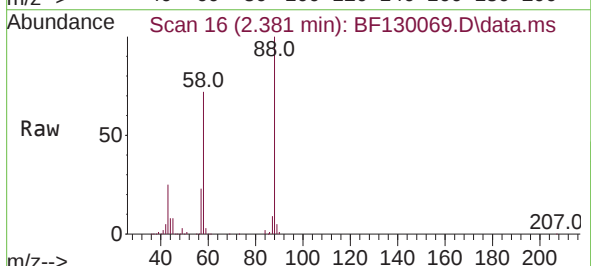
Manual Integrations  
 APPROVED

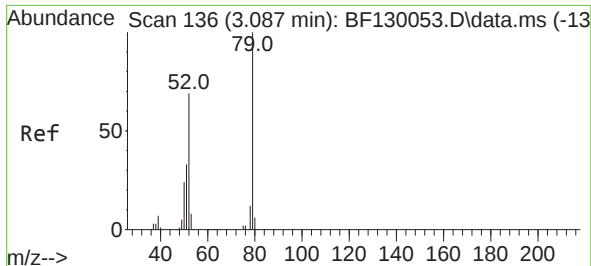
Reviewed By :Christian Giraldo 09/02/2022  
 Supervised By :Jagrut Upadhyay 09/02/2022



#2  
 1,4-Dioxane  
 Concen: 38.438 ng  
 RT: 2.381 min Scan# 16  
 Delta R.T. 0.000 min  
 Lab File: BF130069.D  
 Acq: 01 Sep 2022 09:44

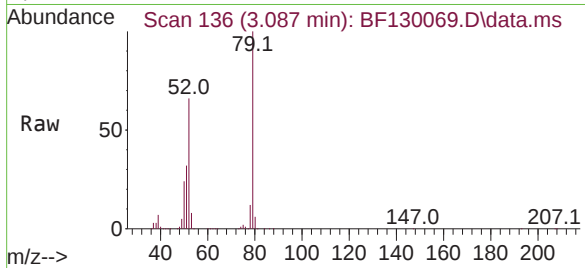
Tgt Ion: 88 Resp: 316559  
 Ion Ratio Lower Upper  
 88 100  
 58 72.2 60.9 91.3  
 43 25.3 23.6 35.4





#3  
Pyridine  
Concen: 39.018 ng  
RT: 3.087 min Scan# 136  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

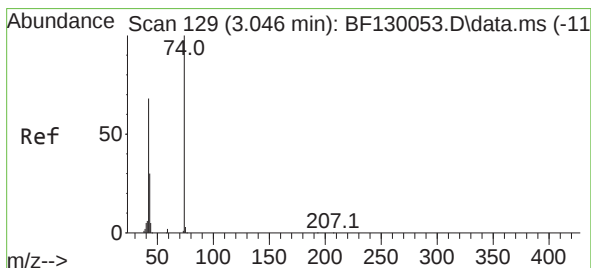
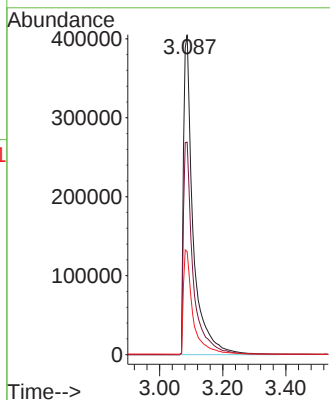
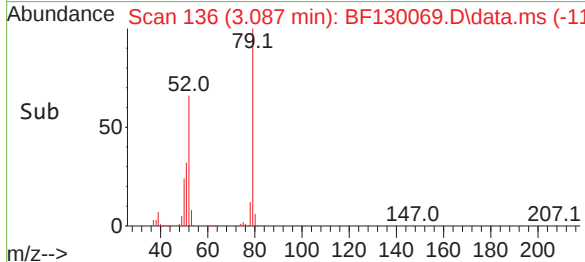
Instrument :  
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ClientSampleId :  
SSTDCCC040



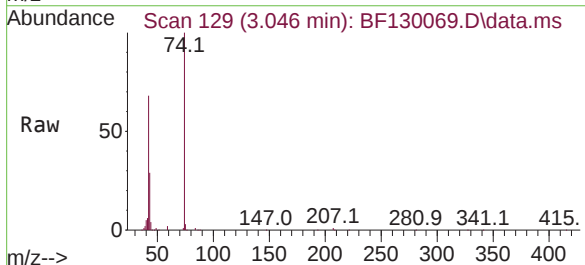
Tgt Ion: 79 Resp: 861674  
Ion Ratio Lower Upper  
79 100  
52 66.4 59.4 89.2  
51 32.2 29.5 44.3

Manual Integrations  
APPROVED

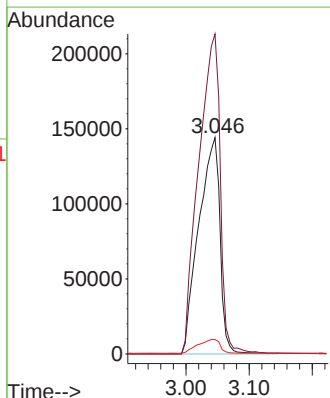
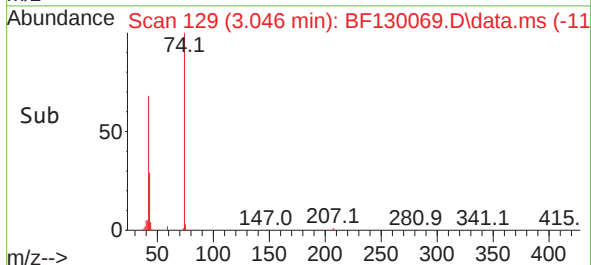
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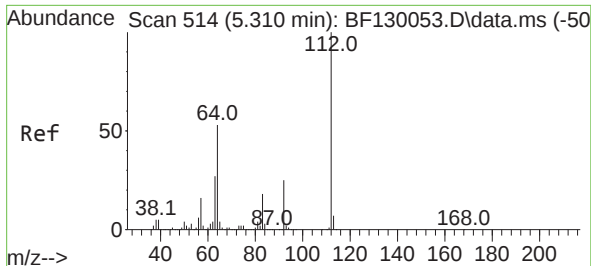


#4  
n-Nitrosodimethylamine  
Concen: 38.746 ng  
RT: 3.046 min Scan# 129  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion: 42 Resp: 336505  
Ion Ratio Lower Upper  
42 100  
74 148.0 103.1 154.7  
44 6.7 5.4 8.2





#5  
2-Fluorophenol  
Concen: 75.656 ng  
RT: 5.304 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

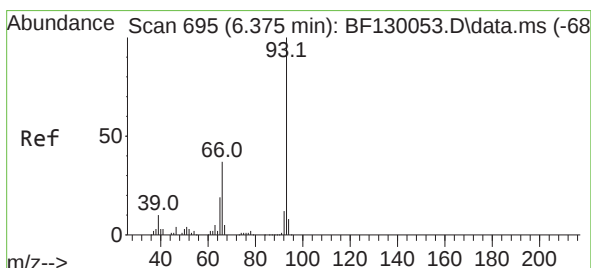
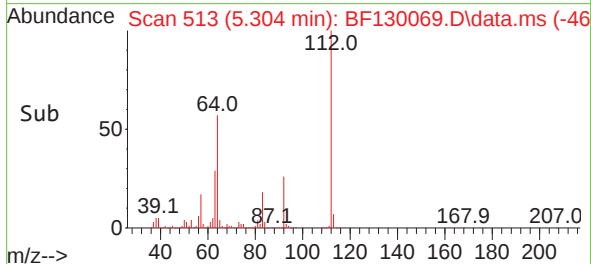
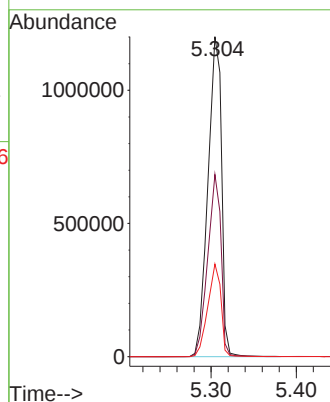
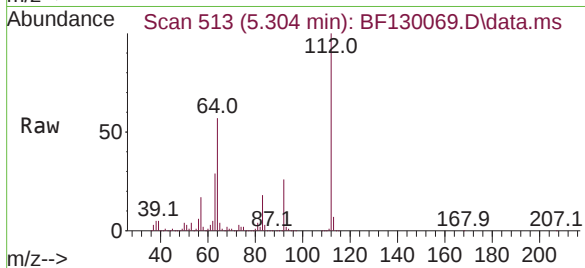
SSTDCCC040

Tgt Ion:112 Resp: 1333249  
Ion Ratio Lower Upper  
112 100  
64 57.0 47.6 71.4  
63 28.9 24.6 37.0

Manual Integrations

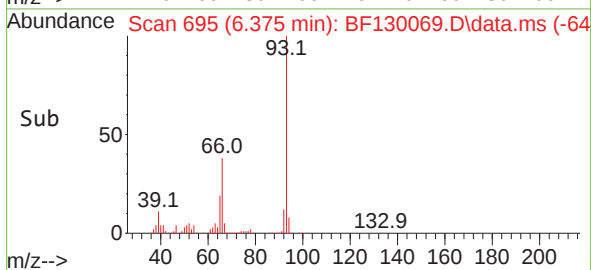
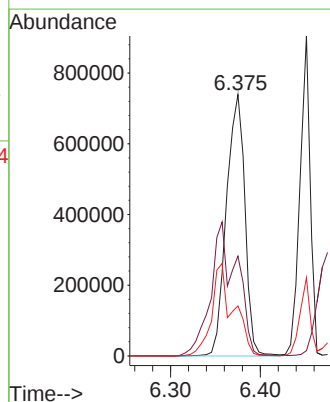
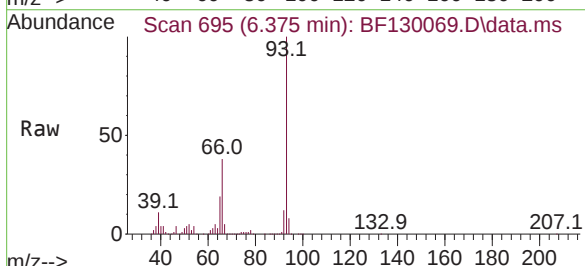
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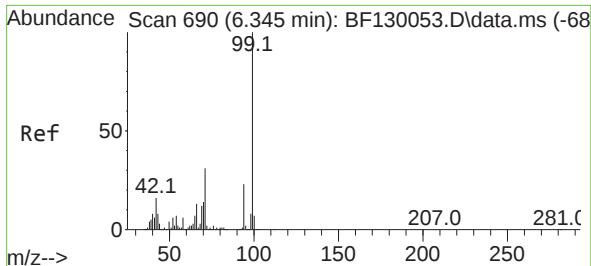
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#6  
Aniline  
Concen: 38.638 ng  
RT: 6.375 min Scan# 695  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

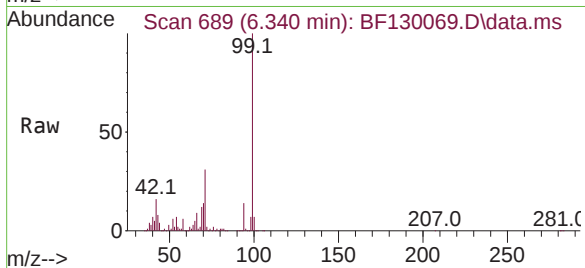
Tgt Ion: 93 Resp: 1064277  
Ion Ratio Lower Upper  
93 100  
66 38.2 68.7 103.1#  
65 19.1 41.6 62.4#





#7  
Phenol-d6  
Concen: 76.780 ng  
RT: 6.340 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

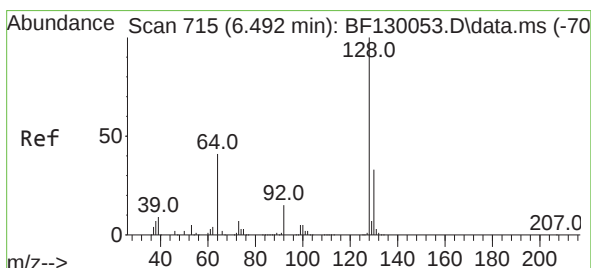
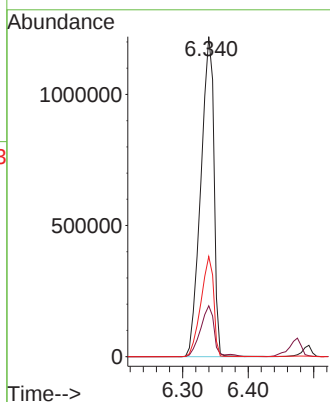
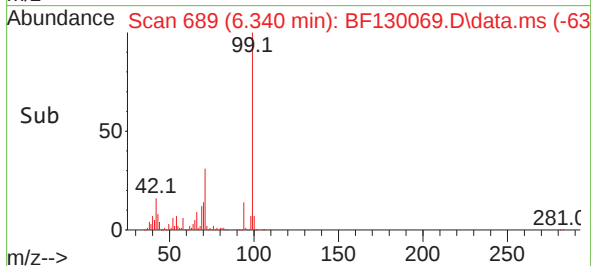
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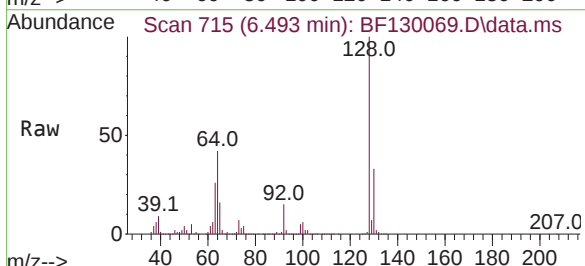
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Ion Ratio Lower Upper  
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42 15.9 15.0 22.4  
71 31.3 28.8 43.2

Manual Integrations  
APPROVED

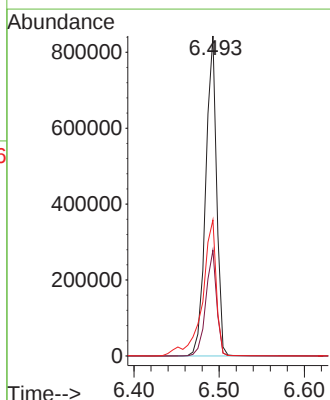
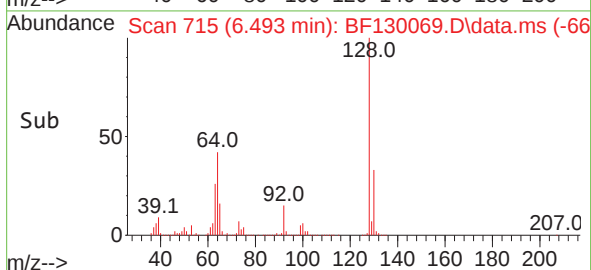
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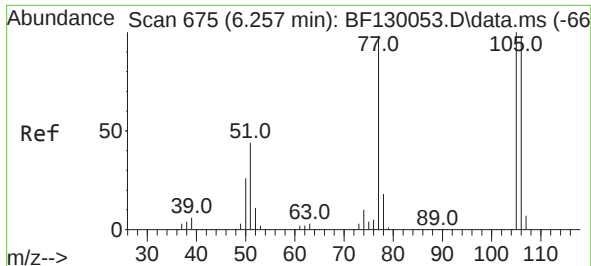


#8  
2-Chlorophenol  
Concen: 38.807 ng  
RT: 6.493 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:128 Resp: 750614  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.5 52.5  
64 42.5 24.9 64.9





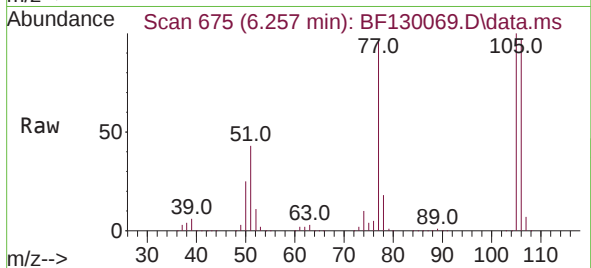
#9  
Benzaldehyde  
Concen: 36.555 ng  
RT: 6.257 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

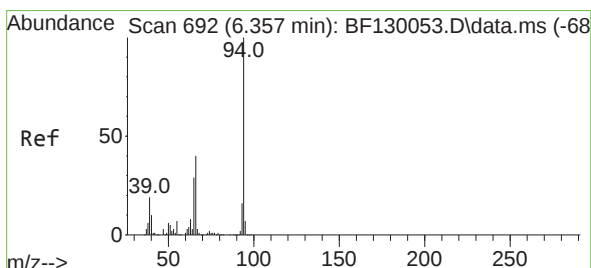
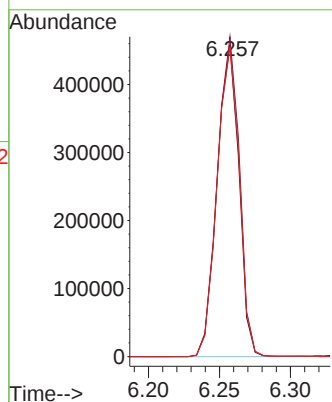
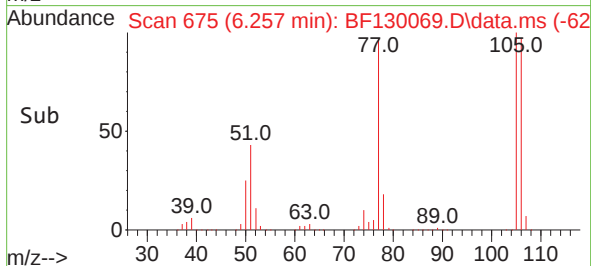


Tgt Ion: 77 Resp: 491574  
Ion Ratio Lower Upper  
77 100  
105 102.7 80.3 120.3  
106 99.2 74.3 114.3

Manual Integrations

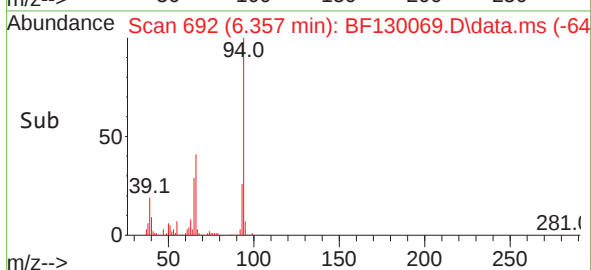
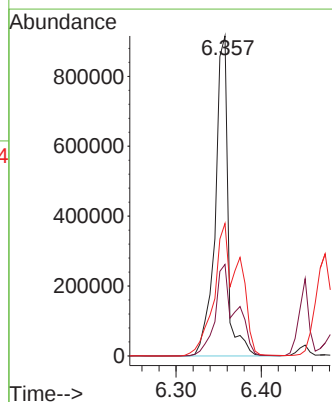
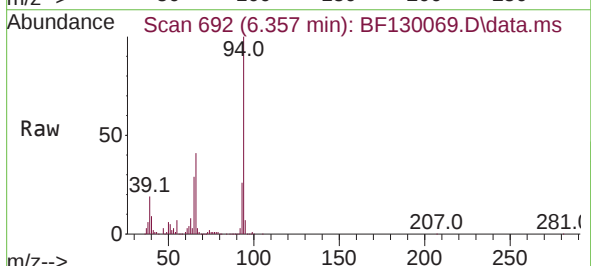
APPROVED

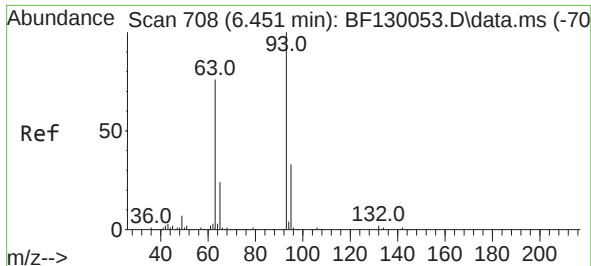
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#10  
Phenol  
Concen: 38.301 ng  
RT: 6.357 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

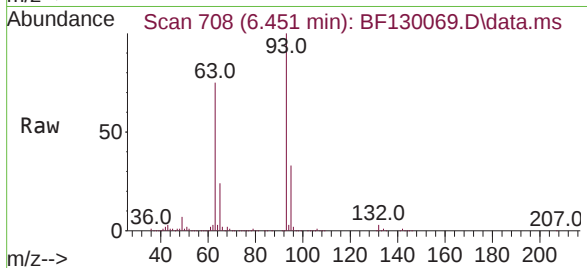
Tgt Ion: 94 Resp: 951139  
Ion Ratio Lower Upper  
94 100  
65 28.6 24.9 64.9  
66 41.4 54.2 94.2#





#11  
bis(2-Chloroethyl)ether  
Concen: 38.085 ng  
RT: 6.451 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

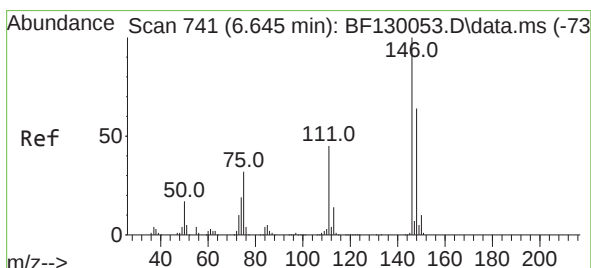
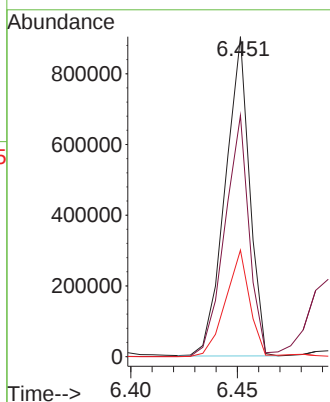
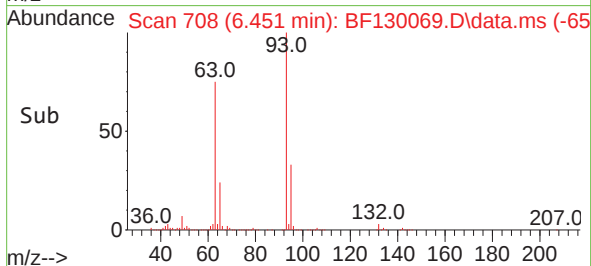
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



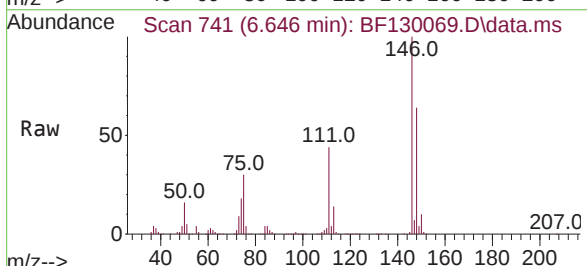
Tgt Ion: 93 Resp: 718605  
Ion Ratio Lower Upper  
93 100  
63 75.4 55.9 95.9  
95 33.3 12.3 52.3

Manual Integrations  
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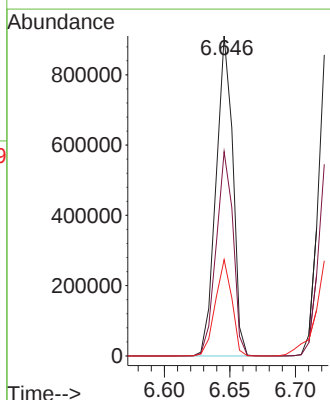
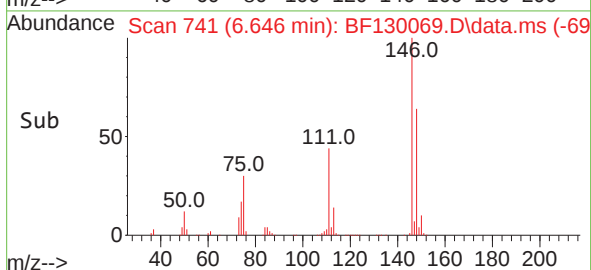
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

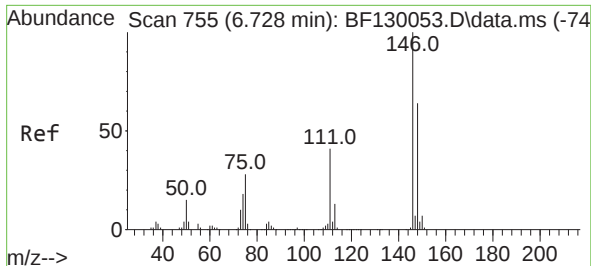


#12  
1,3-Dichlorobenzene  
Concen: 38.022 ng  
RT: 6.646 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:146 Resp: 815259  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.2 76.8  
75 30.1 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 38.047 ng

RT: 6.728 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 821760

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

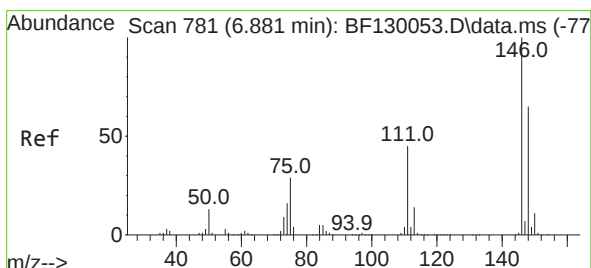
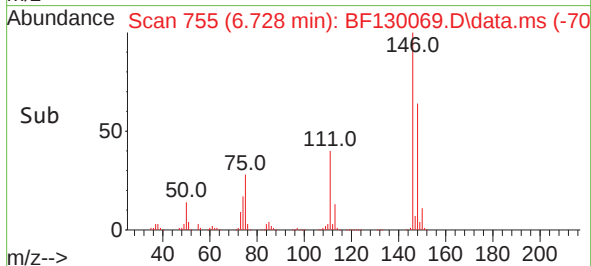
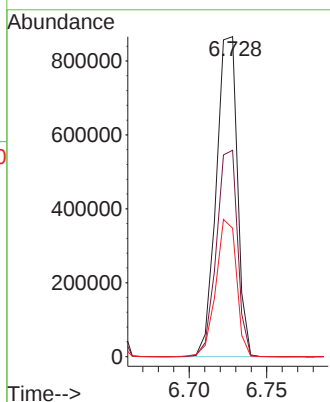
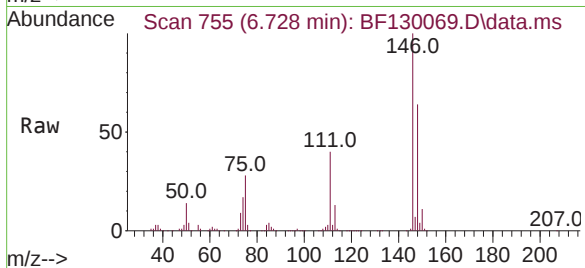
111 40.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#14

1,2-Dichlorobenzene

Concen: 37.210 ng

RT: 6.881 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

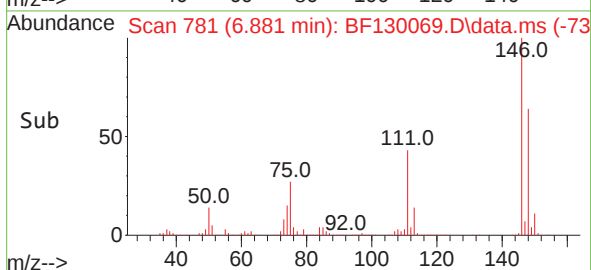
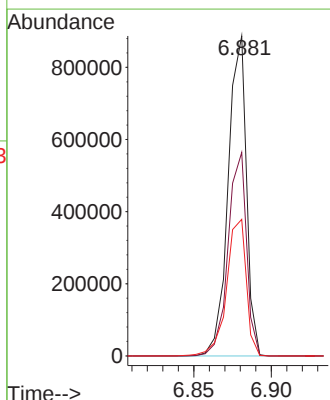
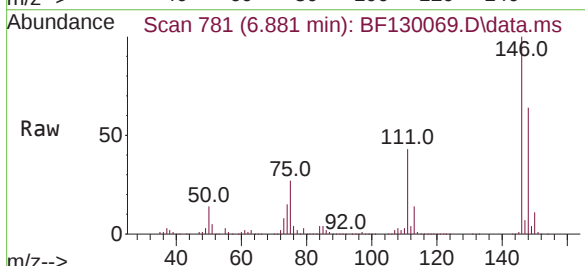
Tgt Ion:146 Resp: 730560

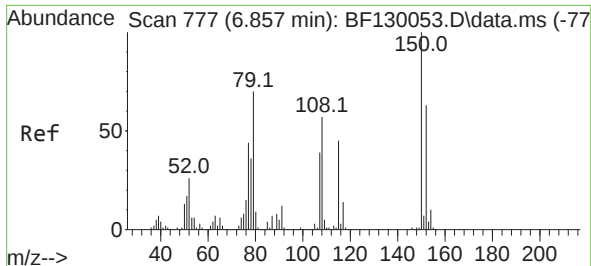
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

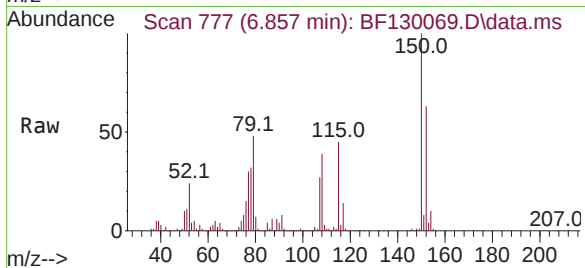
111 42.7 37.2 55.8





#15  
Benzyl Alcohol  
Concen: 36.852 ng m  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

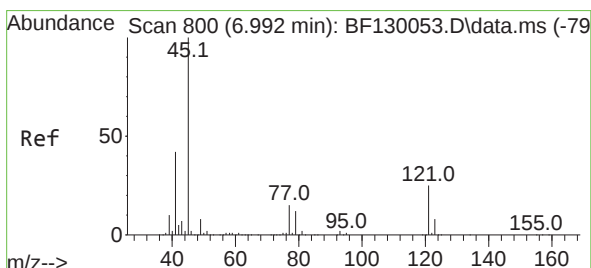
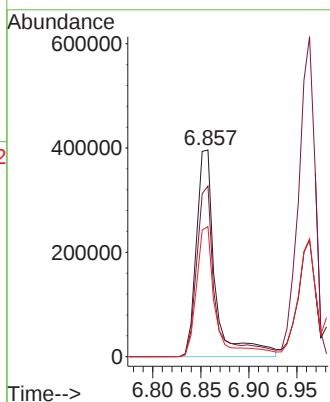
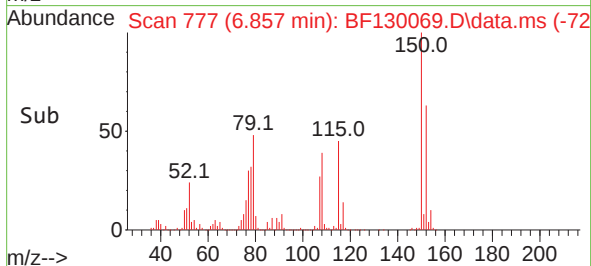
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



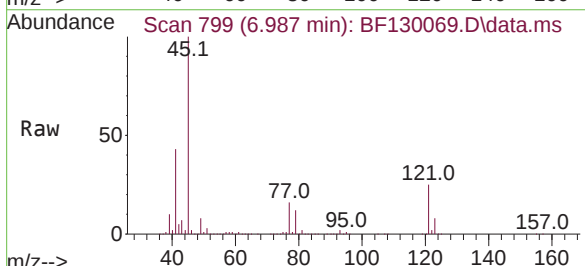
Tgt Ion: 79 Resp: 545719  
Ion Ratio Lower Upper  
79 100  
108 82.6 59.2 88.8  
77 62.9 51.9 77.9

Manual Integrations  
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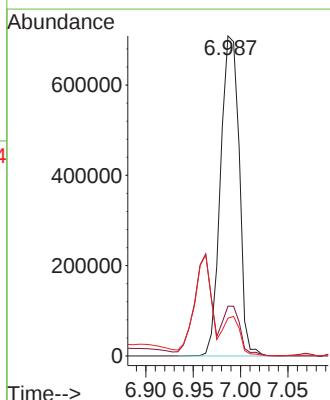
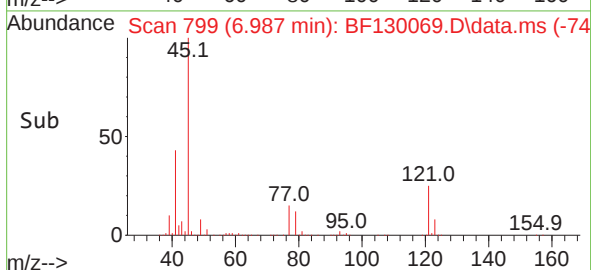
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

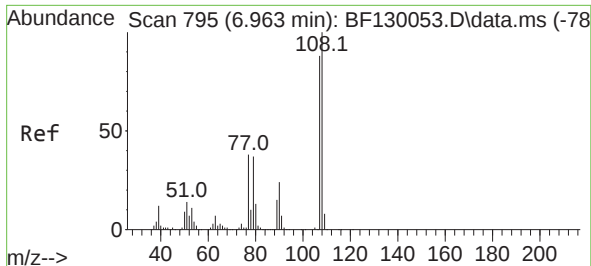


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.747 ng  
RT: 6.987 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



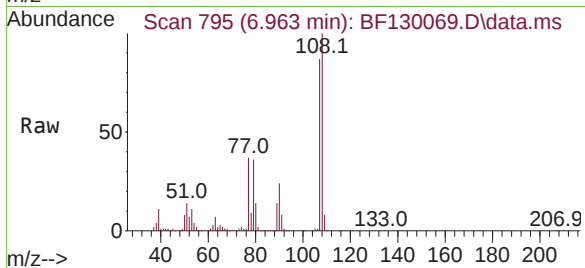
Tgt Ion: 45 Resp: 967958  
Ion Ratio Lower Upper  
45 100  
77 15.5 27.4 67.4#  
79 11.8 24.4 64.4#





#17  
2-Methylphenol  
Concen: 38.667 ng  
RT: 6.963 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

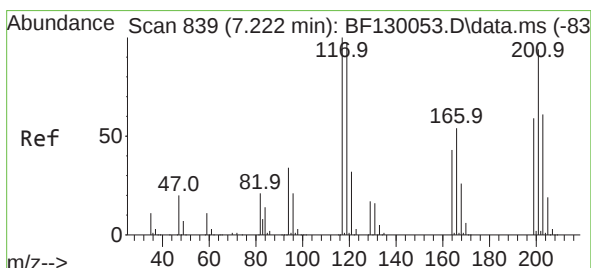
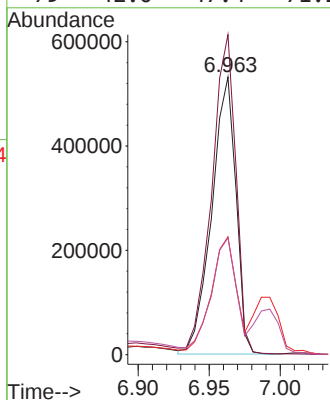
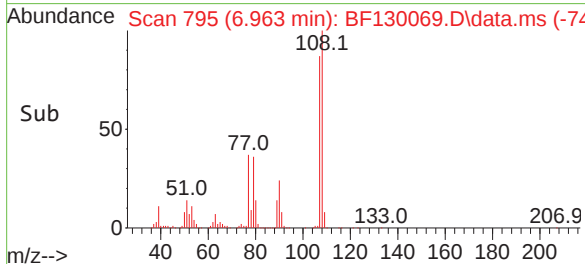
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 629233  
Ion Ratio Lower Upper  
107 100  
108 115.3 90.2 135.2  
77 42.5 51.8 77.8  
79 42.0 47.4 71.2#

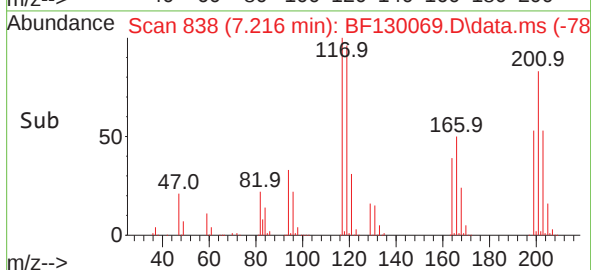
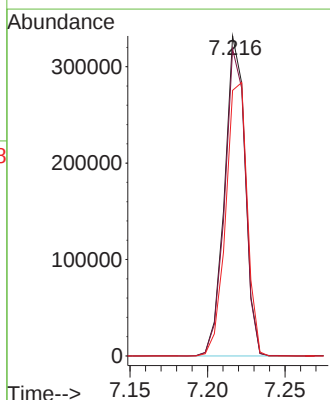
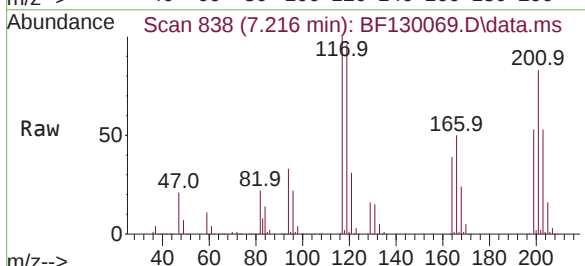
Manual Integrations  
APPROVED

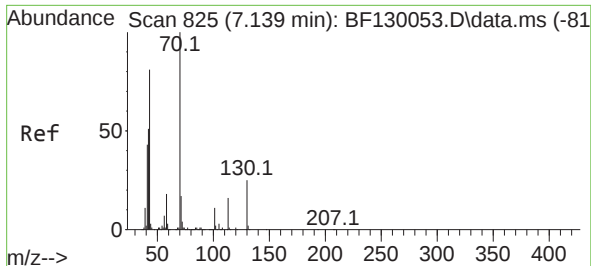
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#18  
Hexachloroethane  
Concen: 39.270 ng  
RT: 7.216 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

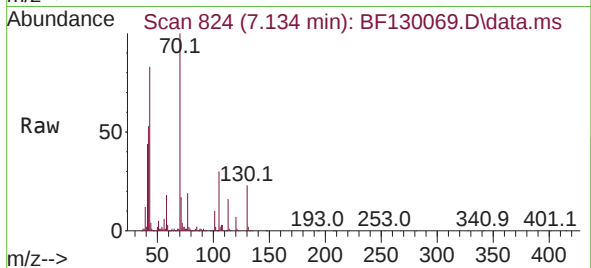
Tgt Ion:117 Resp: 306278  
Ion Ratio Lower Upper  
117 100  
119 95.9 79.1 118.7  
201 83.0 66.6 100.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.923 ng  
RT: 7.134 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

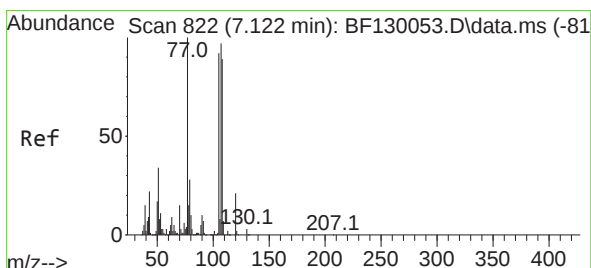
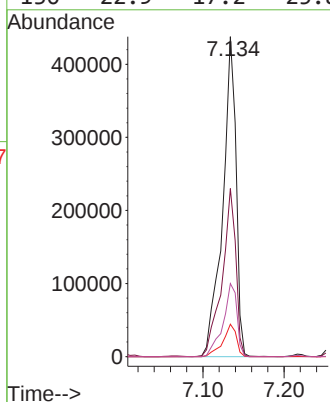
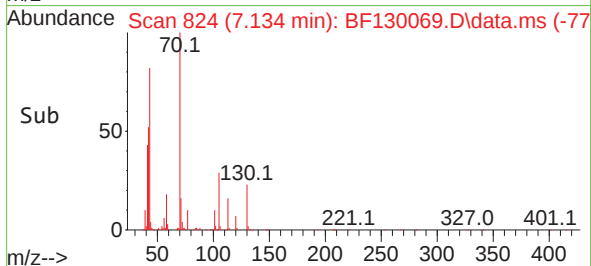
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



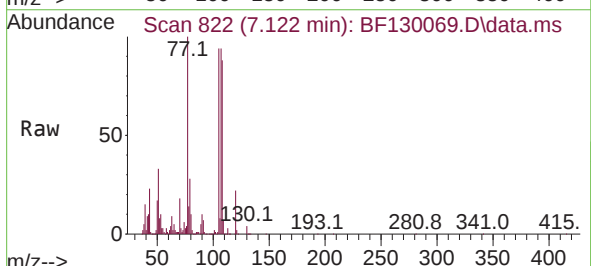
Tgt Ion: 70 Resp: 501935  
Ion Ratio Lower Upper  
70 100  
42 52.5 47.6 71.4  
101 10.1 8.1 12.1  
130 22.9 17.2 25.8

Manual Integrations  
APPROVED

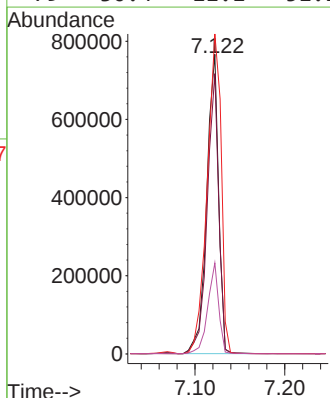
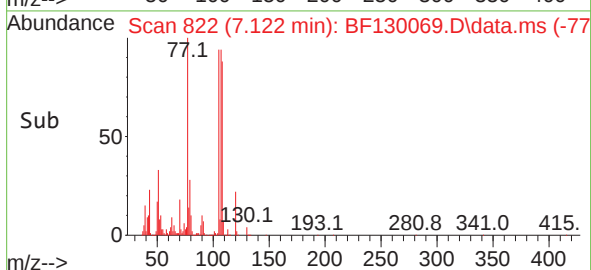
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

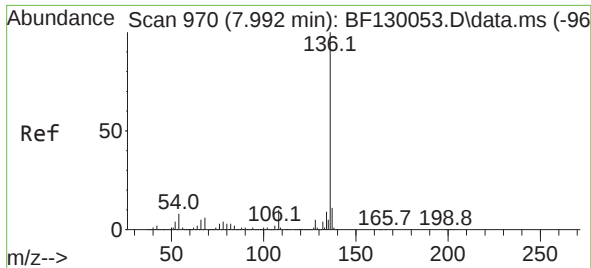


#20  
3+4-Methylphenols  
Concen: 37.076 ng  
RT: 7.122 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:107 Resp: 707532  
Ion Ratio Lower Upper  
107 100  
108 93.5 71.3 111.3  
77 106.8 20.4 60.4#  
79 30.4 11.1 51.1





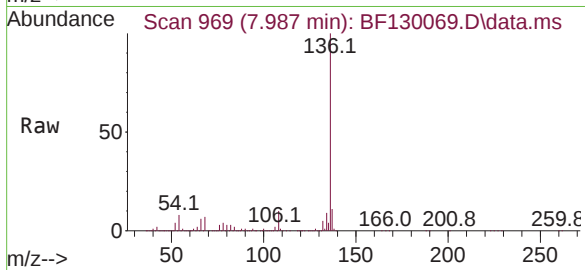
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.987 min Scan# 90  
Delta R.T. -0.005 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

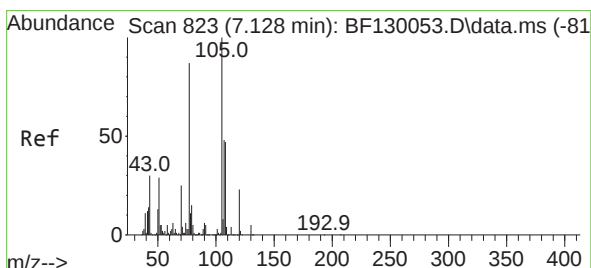
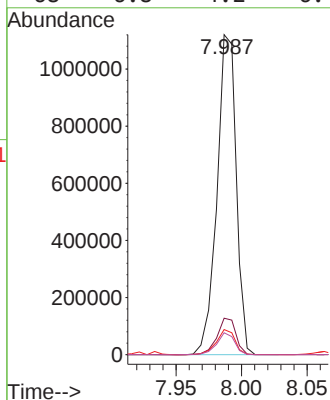
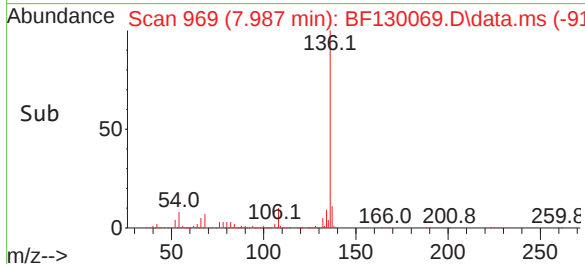


Tgt Ion:136 Resp: 1146898  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.4 12.6  
54 7.8 6.2 9.2  
68 6.8 4.2 6.4#

Manual Integrations

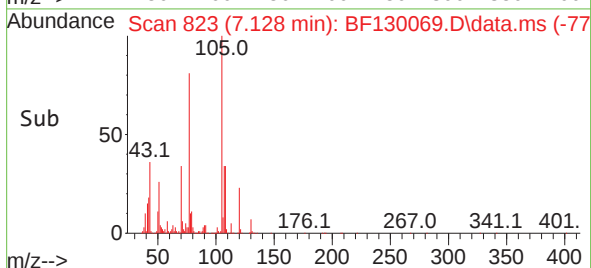
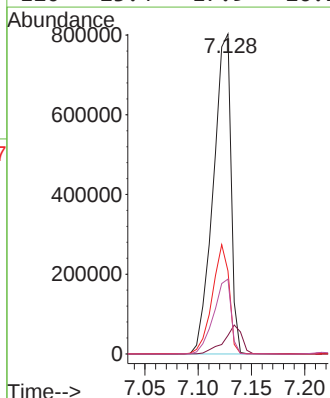
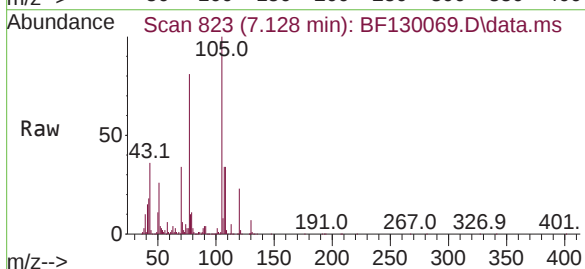
APPROVED

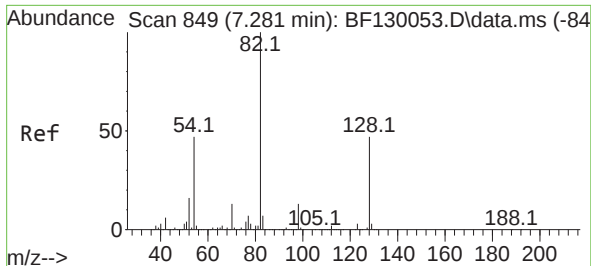
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#22  
Acetophenone  
Concen: 36.254 ng  
RT: 7.128 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

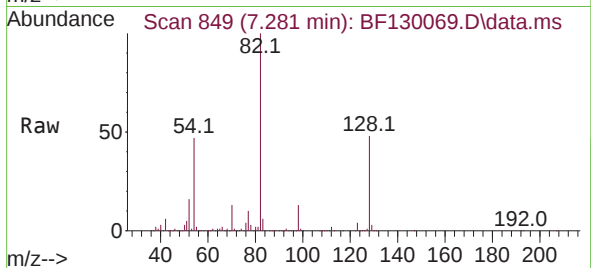
Tgt Ion:105 Resp: 928941  
Ion Ratio Lower Upper  
105 100  
71 5.8 6.6 9.8#  
51 25.9 23.8 35.8  
120 23.4 17.9 26.9





#23  
Nitrobenzene-d5  
Concen: 82.710 ng  
RT: 7.281 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

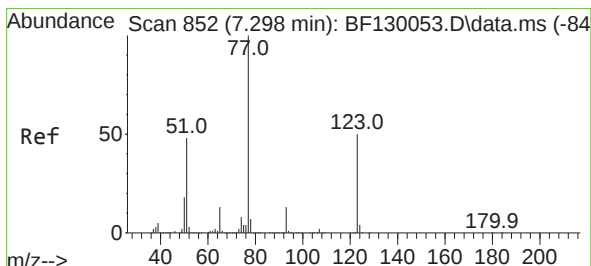
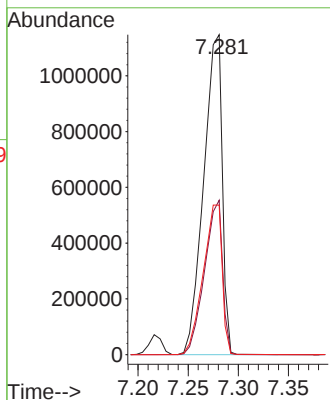
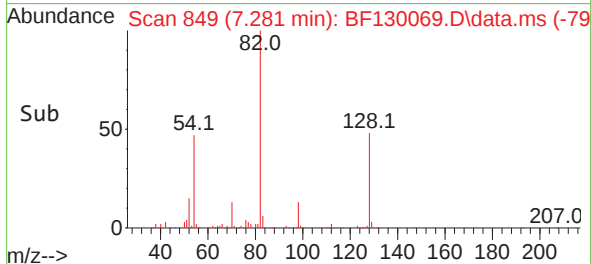
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 1476042  
Ion Ratio Lower Upper  
82 100  
128 48.2 36.1 54.1  
54 46.7 40.0 60.0

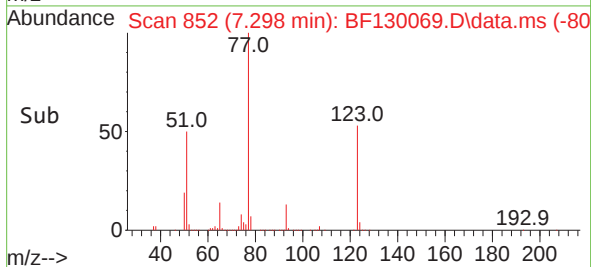
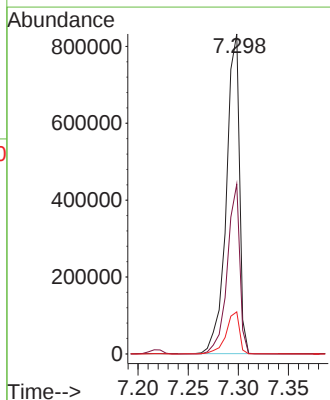
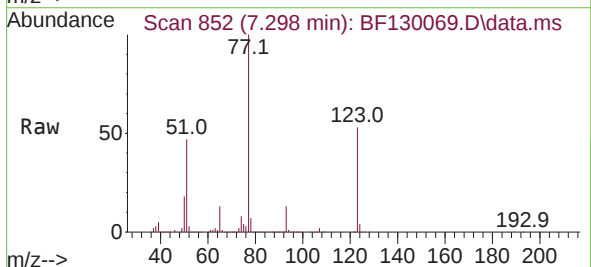
Manual Integrations  
APPROVED

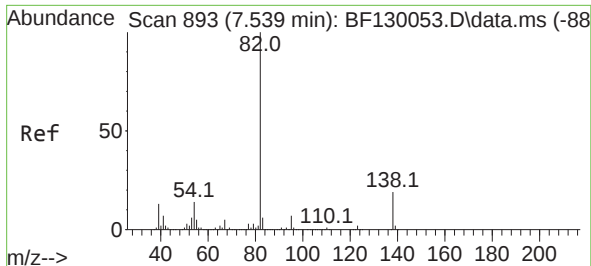
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#24  
Nitrobenzene  
Concen: 40.221 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion: 77 Resp: 763371  
Ion Ratio Lower Upper  
77 100  
123 53.0 39.2 58.8  
65 13.1 11.1 16.7





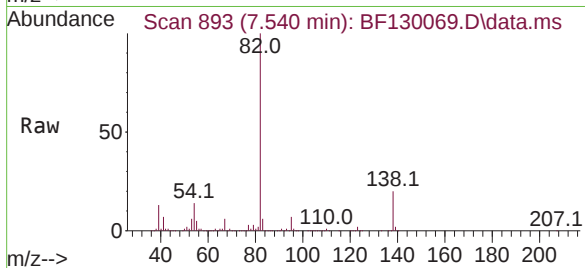
#25  
Isophorone  
Concen: 37.978 ng  
RT: 7.540 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

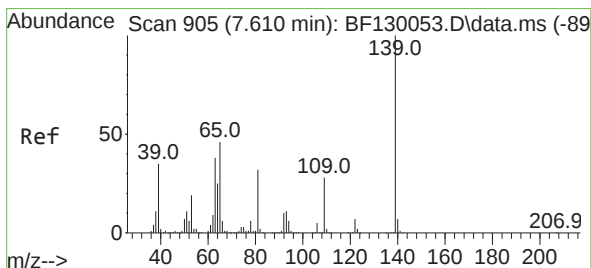
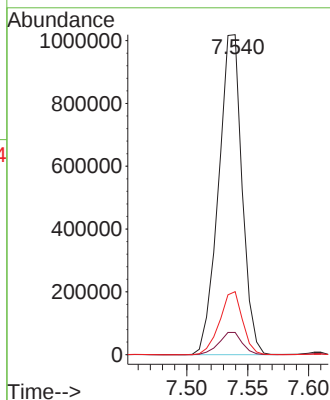
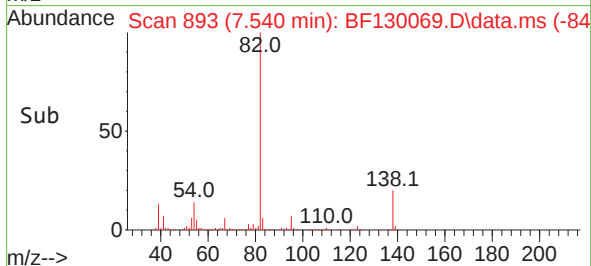


Tgt Ion: 82 Resp: 1371778  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.9 8.9  
138 19.7 14.6 21.8

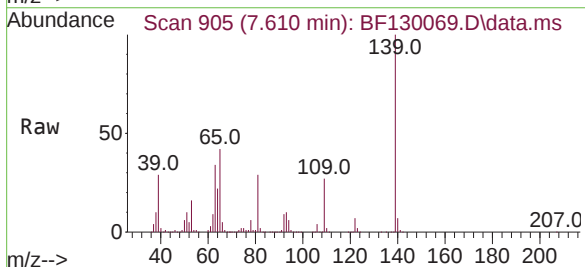
Manual Integrations

APPROVED

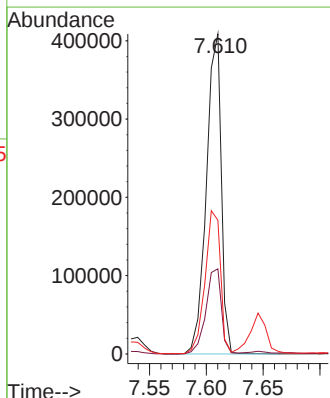
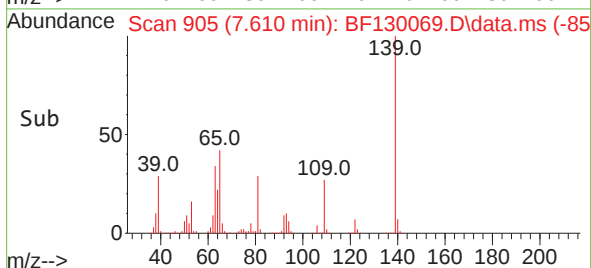
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

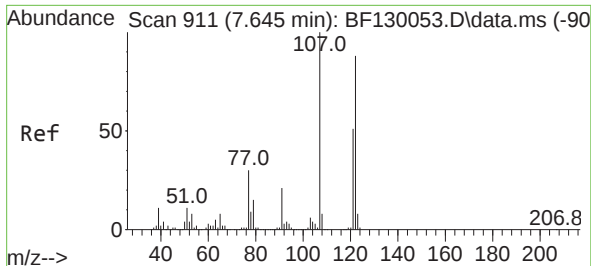


#26  
2-Nitrophenol  
Concen: 42.346 ng  
RT: 7.610 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



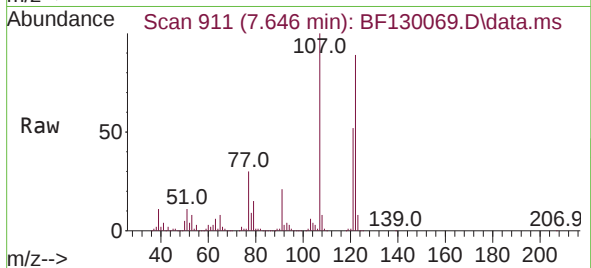
Tgt Ion:139 Resp: 373584  
Ion Ratio Lower Upper  
139 100  
109 26.6 24.4 36.6  
65 41.8 40.9 61.3





#27  
2,4-Dimethylphenol  
Concen: 39.682 ng  
RT: 7.646 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

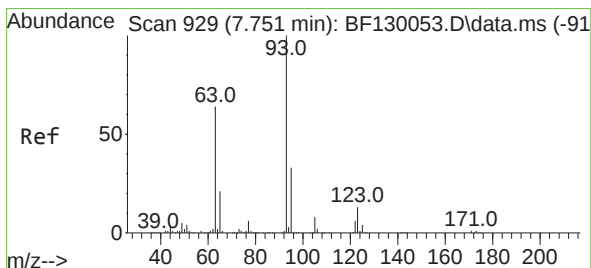
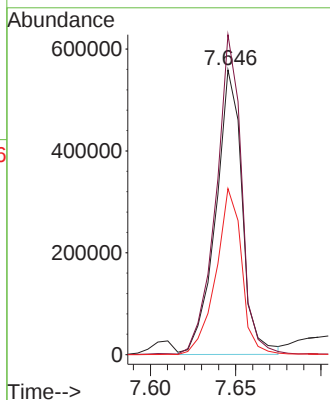
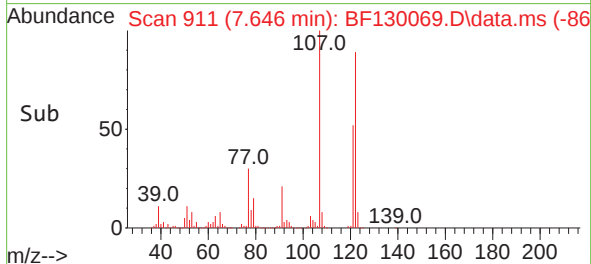
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:122 Resp: 601432  
Ion Ratio Lower Upper  
122 100  
107 112.4 92.2 138.4  
121 58.3 46.1 69.1

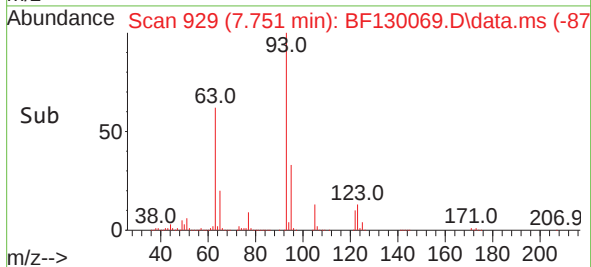
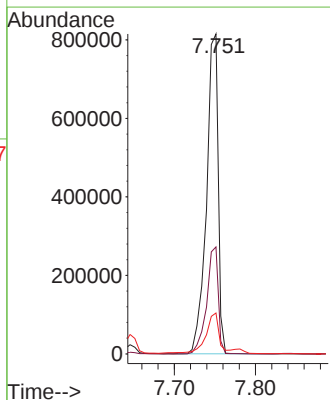
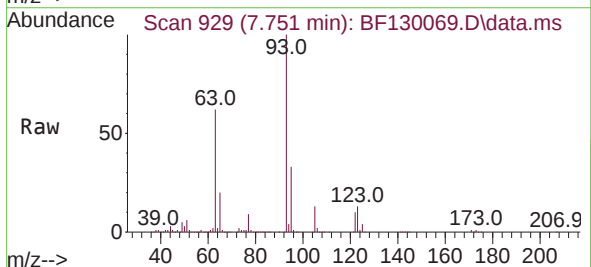
Manual Integrations  
APPROVED

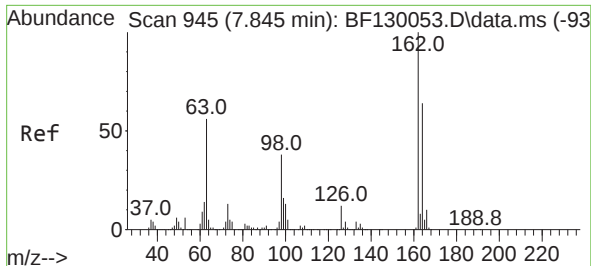
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.860 ng  
RT: 7.751 min Scan# 929  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion: 93 Resp: 821463  
Ion Ratio Lower Upper  
93 100  
95 33.4 25.6 38.4  
123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 38.990 ng

RT: 7.845 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130069.D

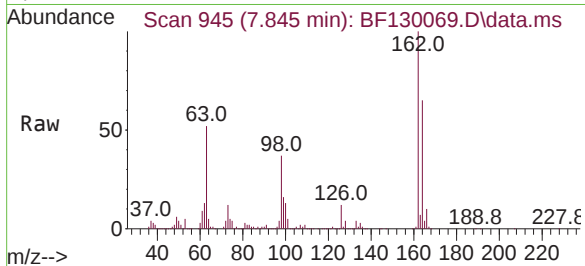
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



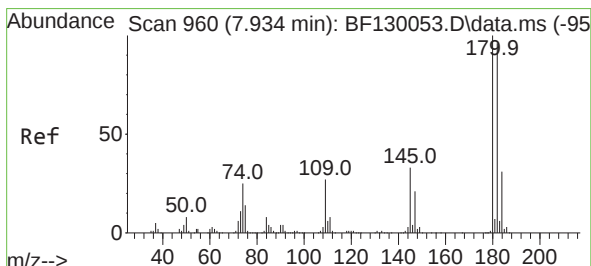
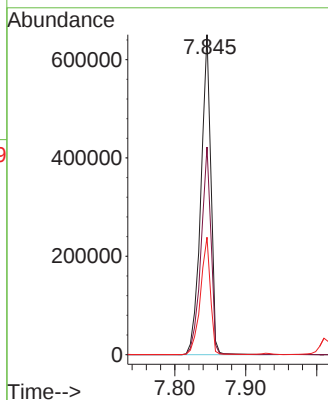
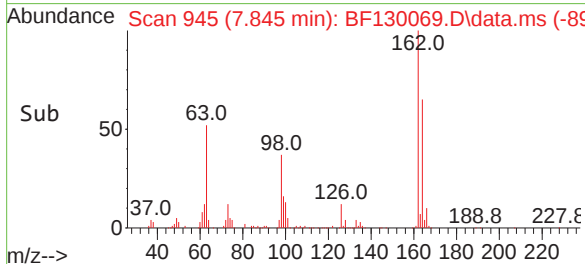
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 632096 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.9  | 43.7  | 83.7   |
| 98        | 36.7  | 16.5  | 56.5   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.423 ng

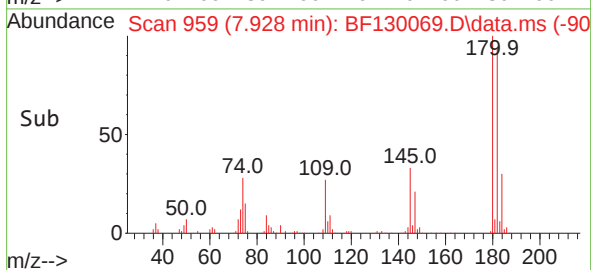
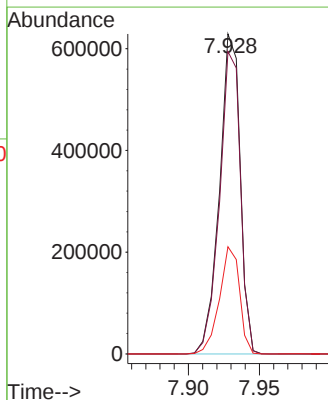
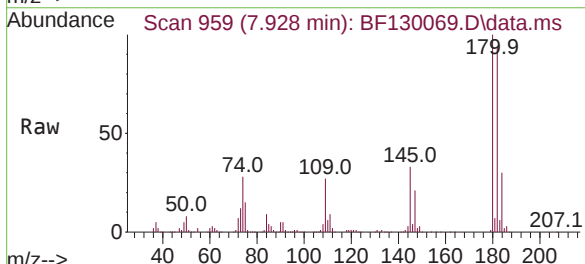
RT: 7.928 min Scan# 959

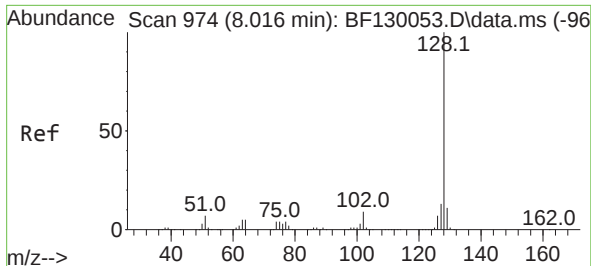
Delta R.T. -0.006 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

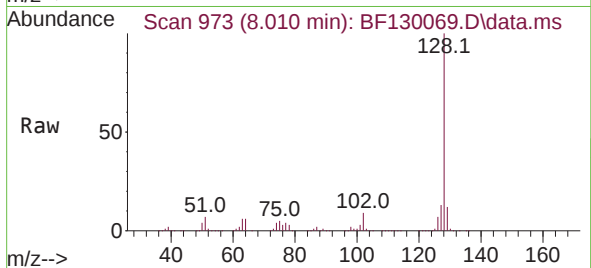
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 639712 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 77.6  | 116.4  |
| 145       | 33.5  | 25.6  | 38.4   |





#31  
Naphthalene  
Concen: 36.867 ng  
RT: 8.010 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

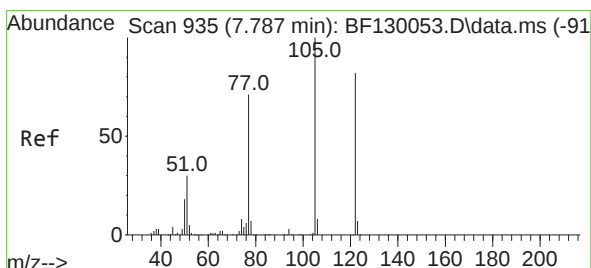
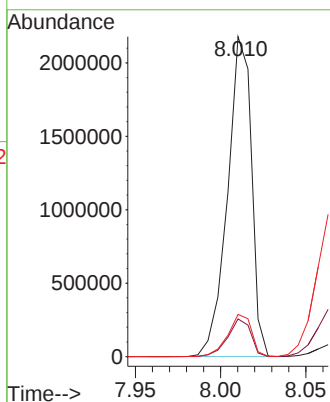
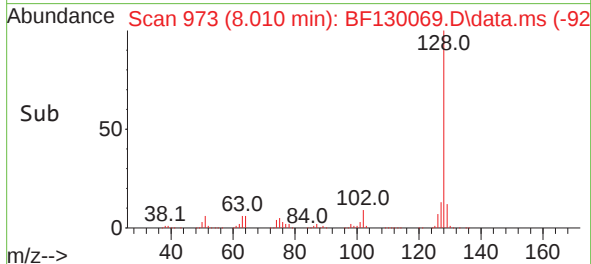
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 213254  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.9 13.3  
127 13.2 10.7 16.1

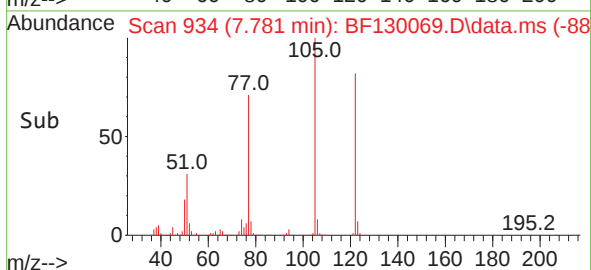
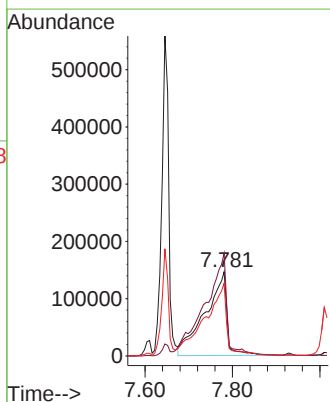
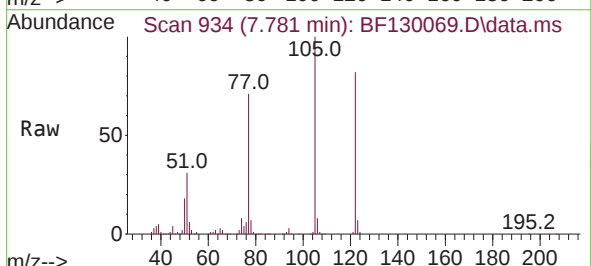
Manual Integrations  
APPROVED

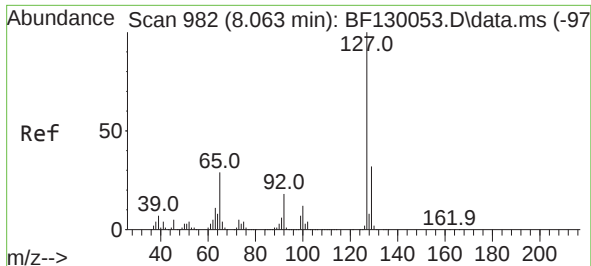
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#32  
Benzoic acid  
Concen: 42.154 ng  
RT: 7.781 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

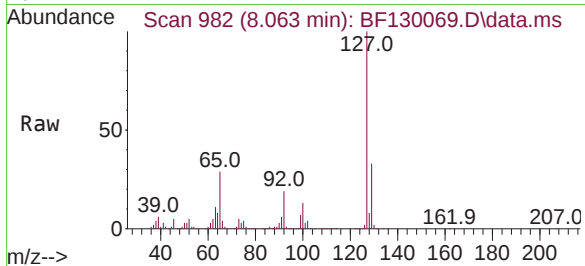
Tgt Ion:122 Resp: 510182  
Ion Ratio Lower Upper  
122 100  
105 122.1 99.9 139.9  
77 86.2 65.9 105.9





#33  
4-Chloroaniline  
Concen: 37.499 ng  
RT: 8.063 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

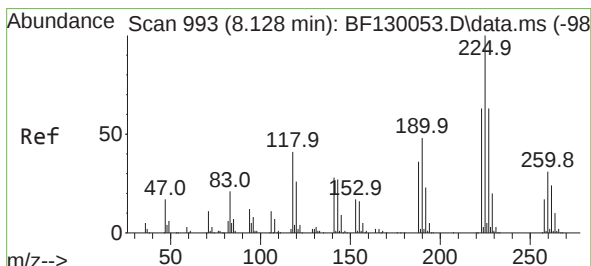
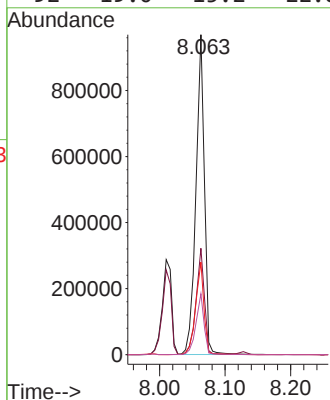
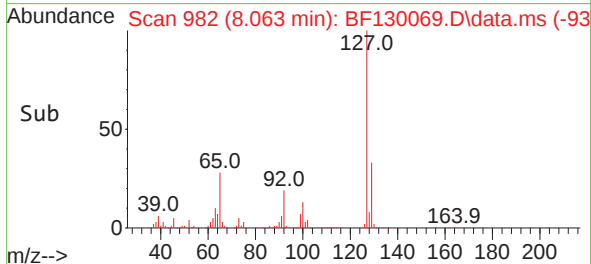
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.2  | 26.7  | 40.1  |
| 65      | 28.9  | 24.2  | 36.2  |
| 92      | 19.0  | 15.2  | 22.8  |

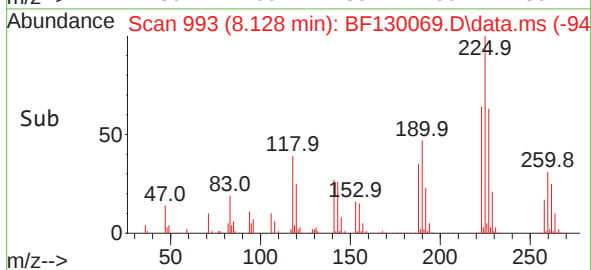
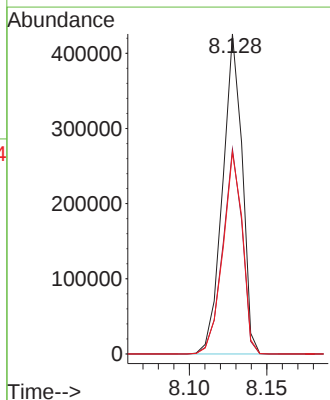
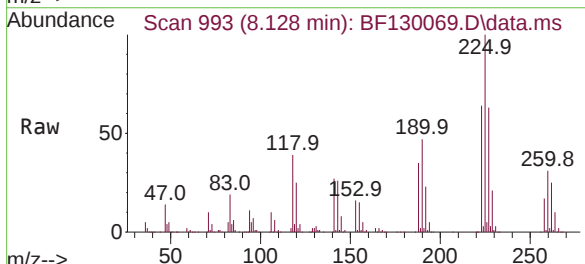
Manual Integrations  
APPROVED

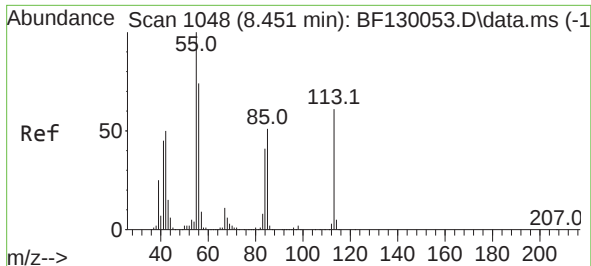
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#34  
Hexachlorobutadiene  
Concen: 38.046 ng  
RT: 8.128 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

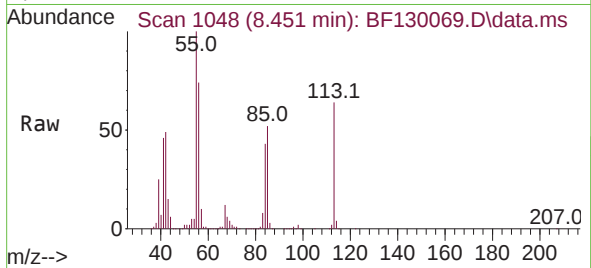
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 50.2  | 75.2  |
| 227     | 63.0  | 50.6  | 75.8  |





#35  
Caprolactam  
Concen: 40.243 ng  
RT: 8.451 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

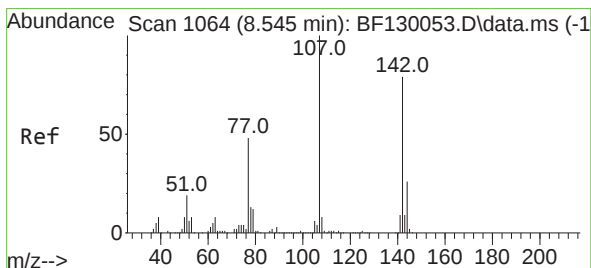
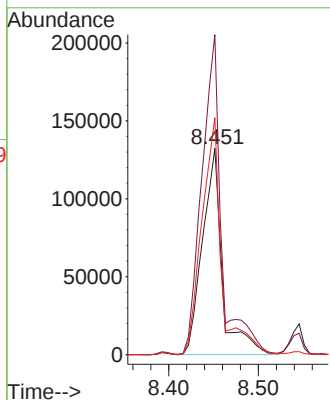
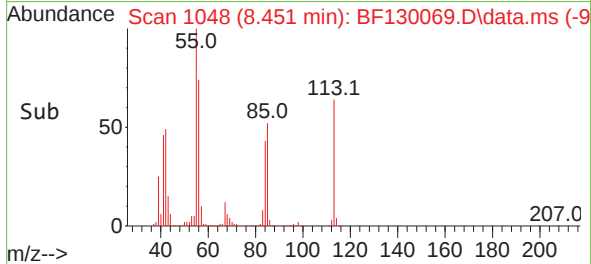
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 202175  
Ion Ratio Lower Upper  
113 100  
55 155.2 148.8 188.8  
56 114.9 109.1 149.1

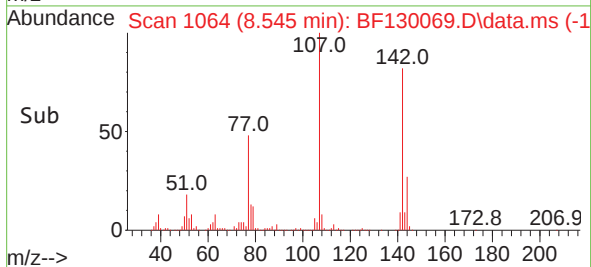
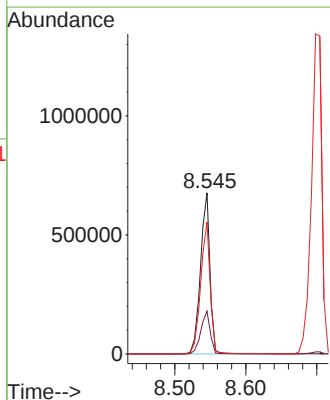
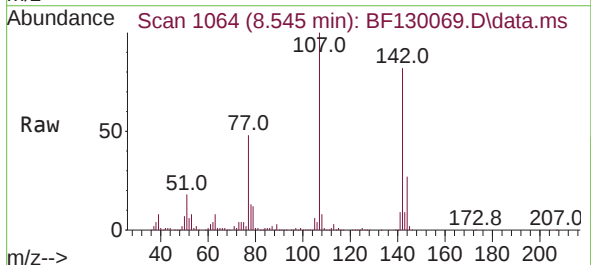
Manual Integrations  
APPROVED

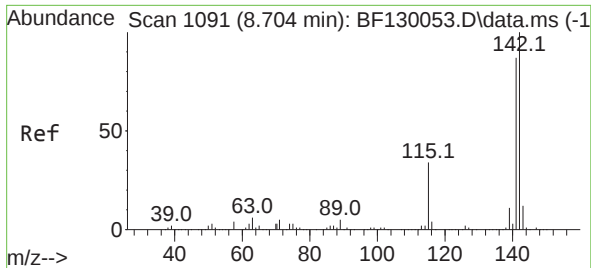
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#36  
4-Chloro-3-methylphenol  
Concen: 38.006 ng  
RT: 8.545 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

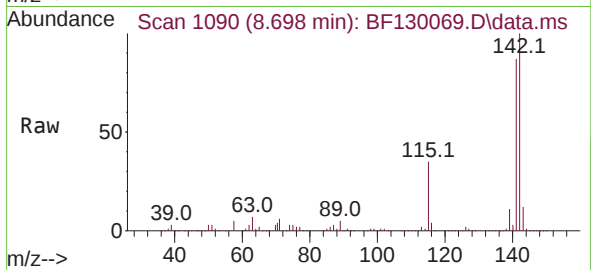
Tgt Ion:107 Resp: 623481  
Ion Ratio Lower Upper  
107 100  
144 26.5 19.9 29.9  
142 81.8 60.2 90.4





#37  
2-Methylnaphthalene  
Concen: 36.946 ng  
RT: 8.698 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

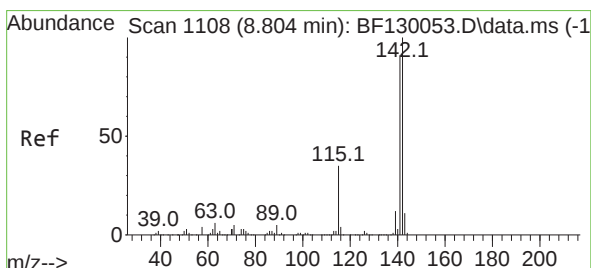
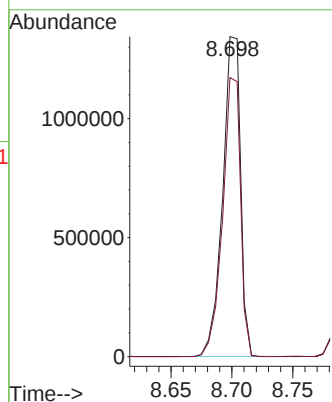
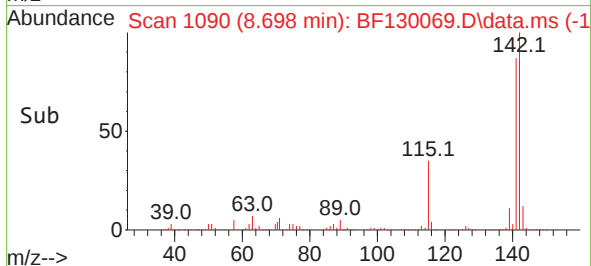
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



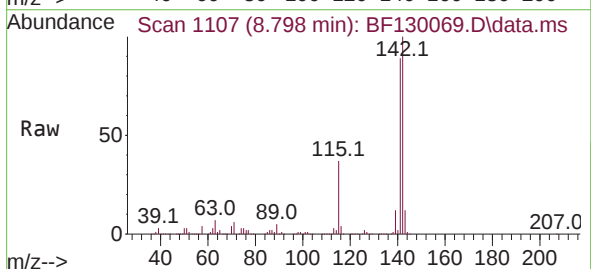
Tgt Ion:142 Resp: 1376645  
Ion Ratio Lower Upper  
142 100  
141 87.2 70.9 106.3

Manual Integrations  
APPROVED

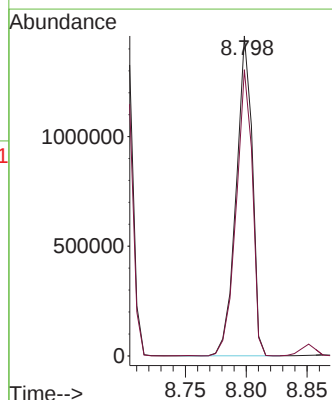
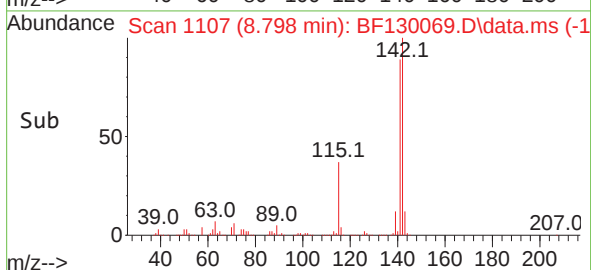
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

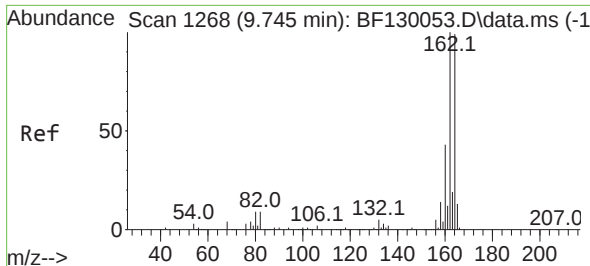


#38  
1-Methylnaphthalene  
Concen: 37.087 ng  
RT: 8.798 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:142 Resp: 1343211  
Ion Ratio Lower Upper  
142 100  
141 89.4 73.5 110.3





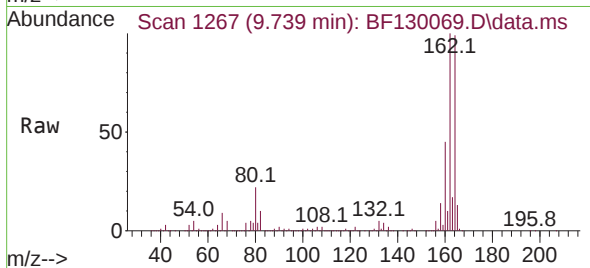
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.739 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

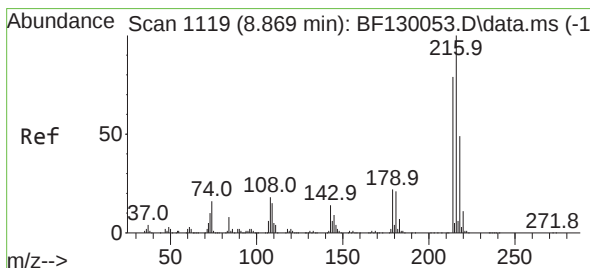
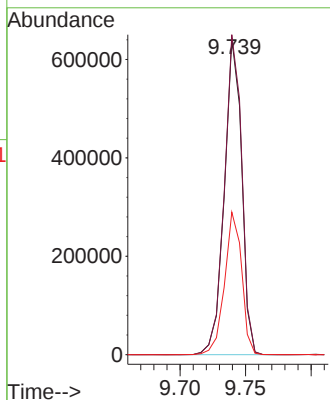
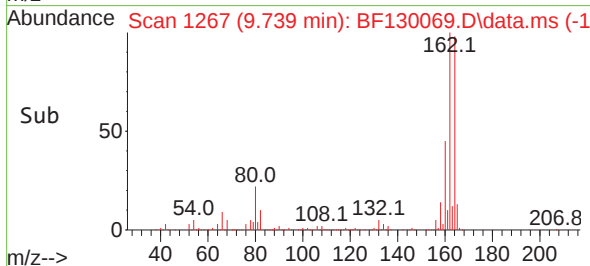


Tgt Ion:164 Resp: 589586  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.0 123.0  
160 45.1 35.4 53.0

Manual Integrations

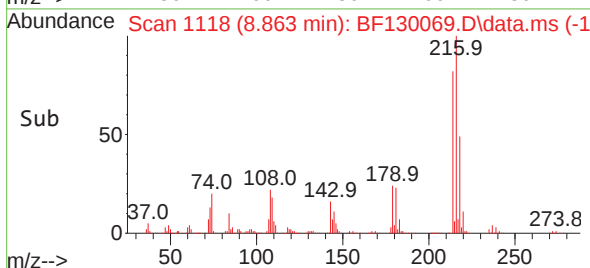
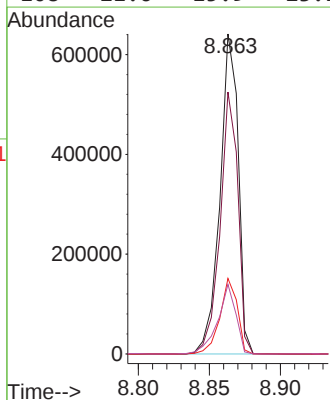
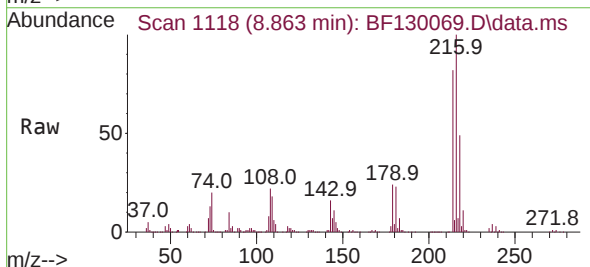
APPROVED

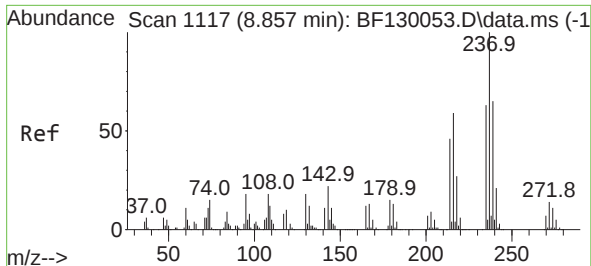
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.341 ng  
RT: 8.863 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

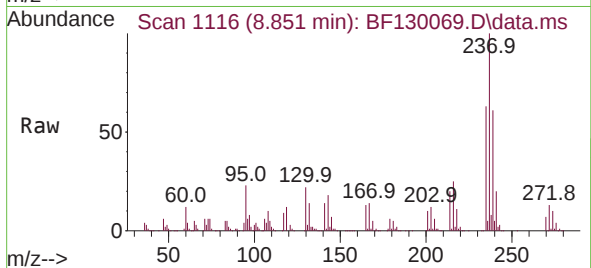
Tgt Ion:216 Resp: 574081  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.1 94.7  
179 22.6 18.1 27.1  
108 21.6 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 39.833 ng  
RT: 8.851 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

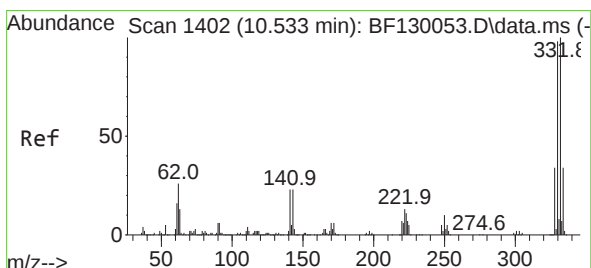
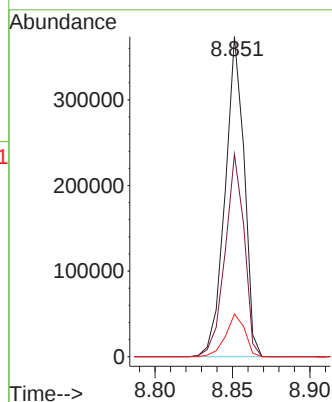
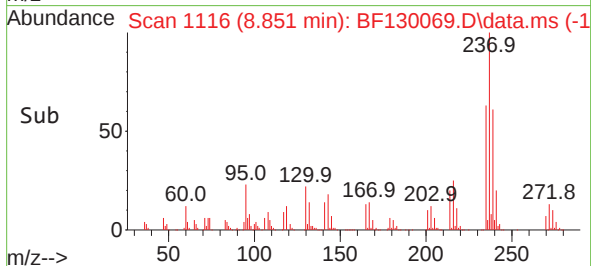
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



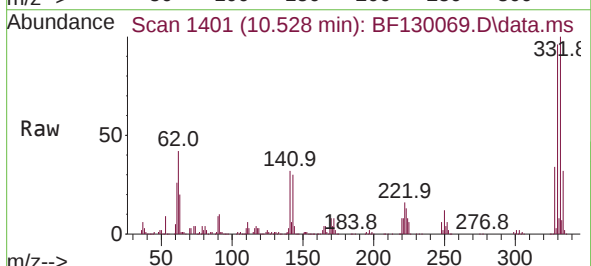
Tgt Ion:237 Resp: 320042  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.5 81.5  
272 13.3 0.0 33.3

Manual Integrations  
APPROVED

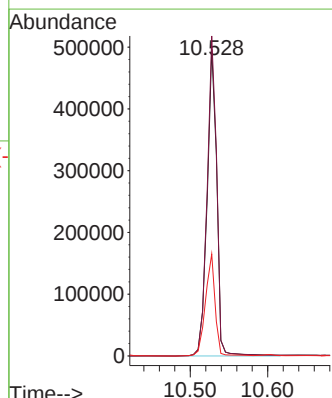
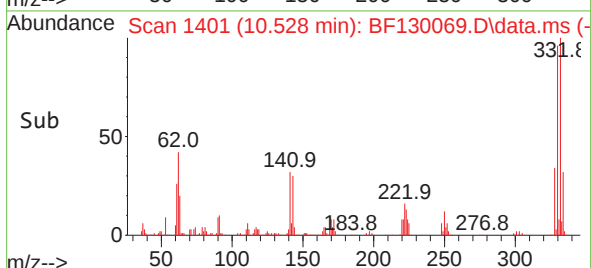
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

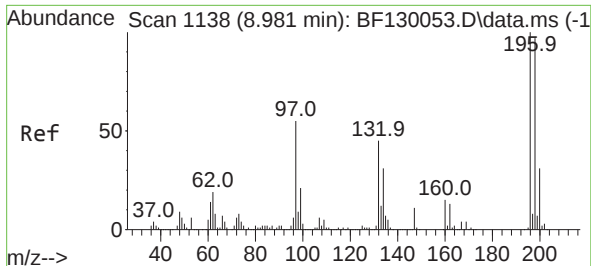


#42  
2,4,6-Tribromophenol  
Concen: 80.090 ng  
RT: 10.528 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



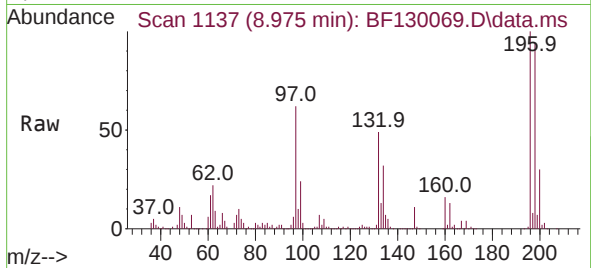
Tgt Ion:330 Resp: 429835  
Ion Ratio Lower Upper  
330 100  
332 103.7 82.6 124.0  
141 33.2 27.6 41.4





#43  
2,4,6-Trichlorophenol  
Concen: 37.625 ng  
RT: 8.975 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

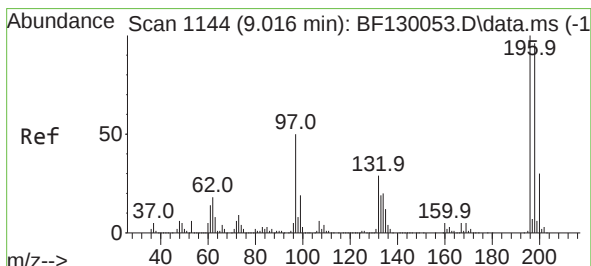
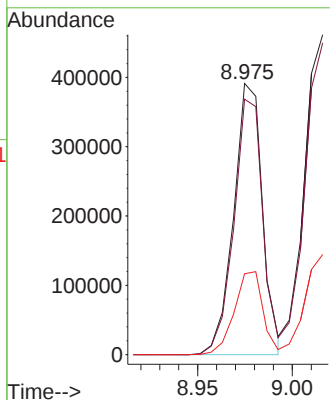
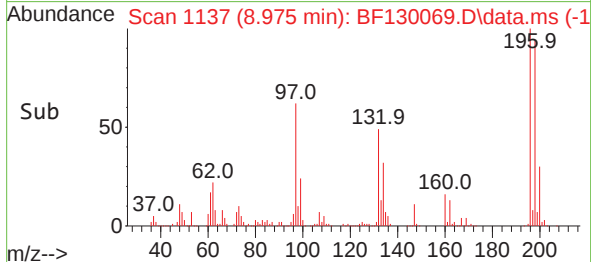
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 412900  
Ion Ratio Lower Upper  
196 100  
198 94.2 79.0 118.4  
200 29.8 25.1 37.7

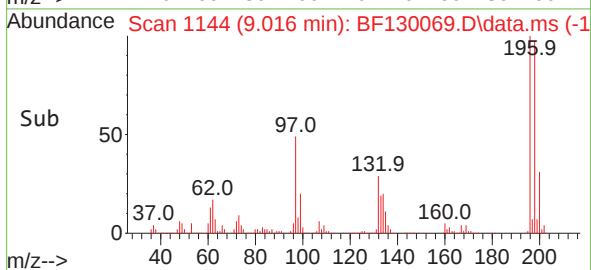
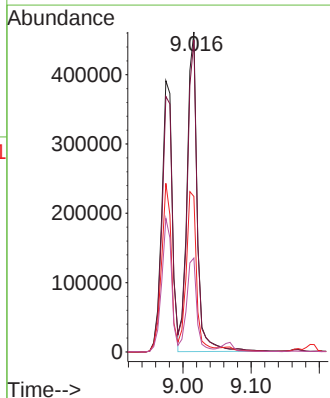
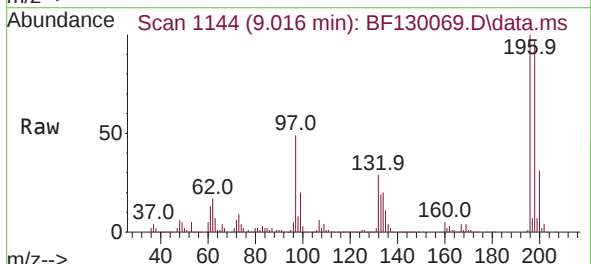
Manual Integrations  
APPROVED

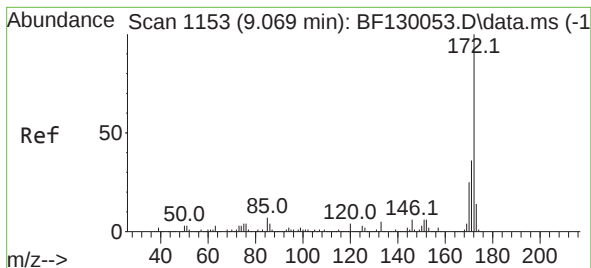
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#44  
2,4,5-Trichlorophenol  
Concen: 40.188 ng  
RT: 9.016 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion:196 Resp: 478012  
Ion Ratio Lower Upper  
196 100  
198 97.4 76.4 114.6  
97 48.6 46.5 69.7  
132 29.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 70.797 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130069.D

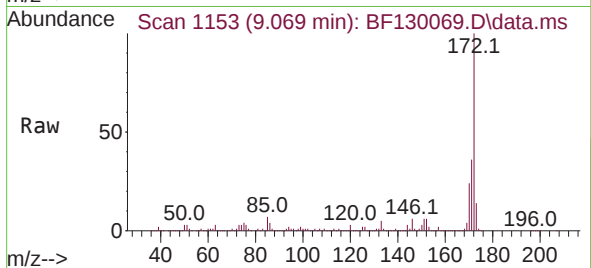
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 2517602

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

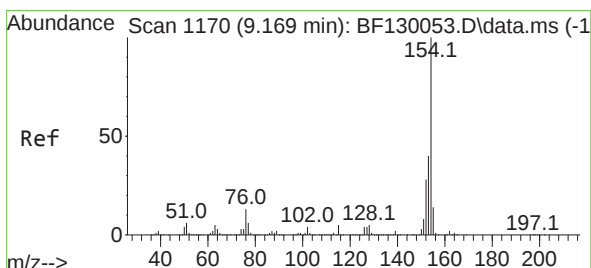
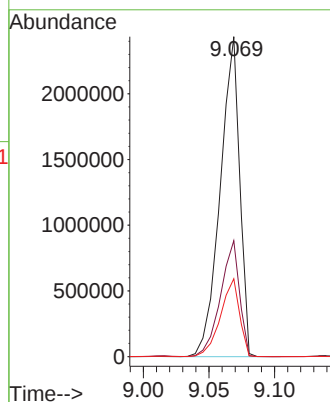
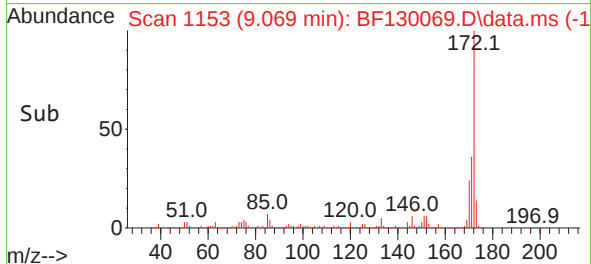
170 24.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#46

1,1'-Biphenyl

Concen: 36.724 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

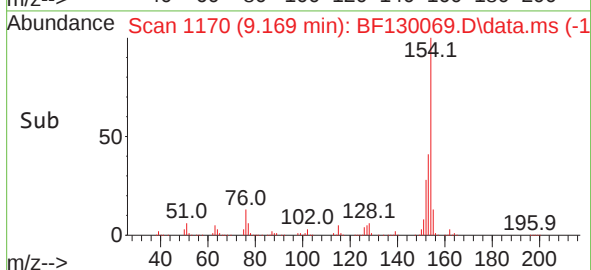
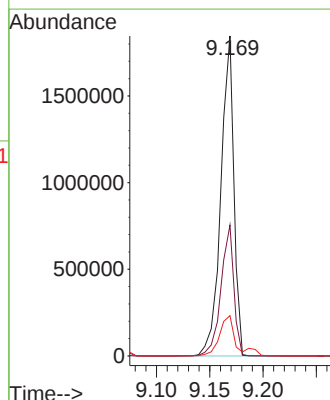
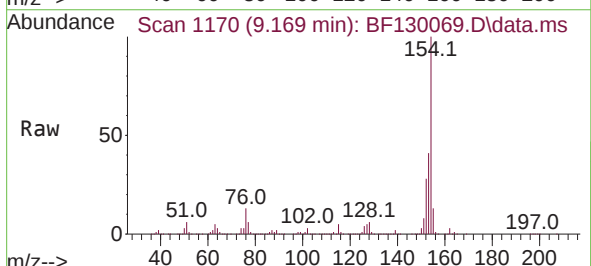
Tgt Ion:154 Resp: 1573031

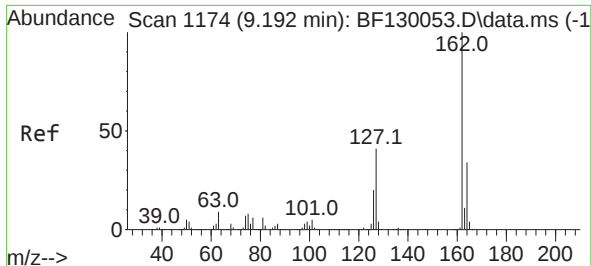
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 12.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 37.369 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1282495

Ion Ratio Lower Upper

162 100

127 39.1 33.1 49.7

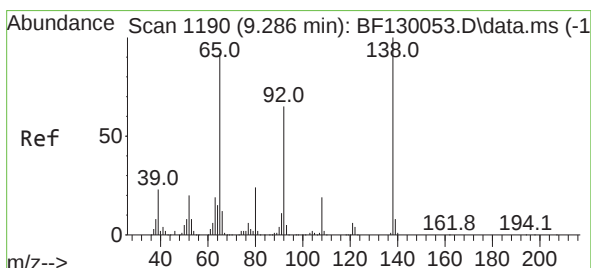
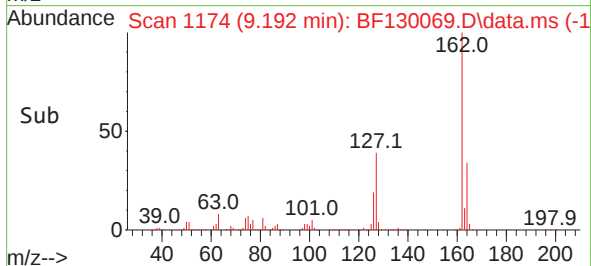
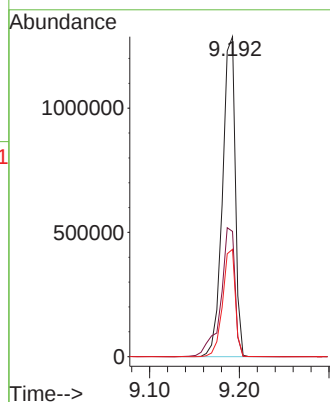
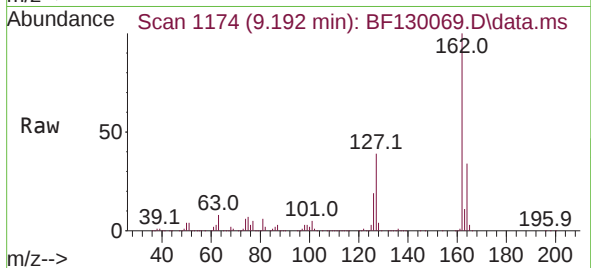
164 33.5 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#48

2-Nitroaniline

Concen: 45.704 ng

RT: 9.287 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

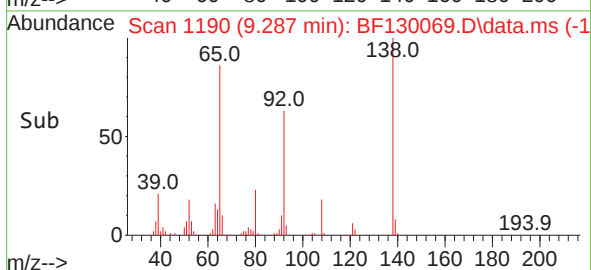
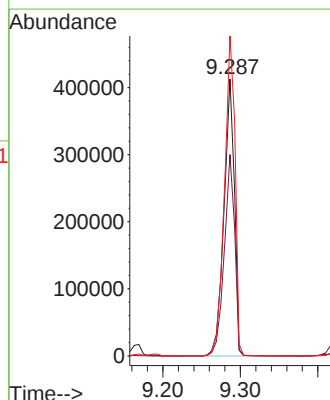
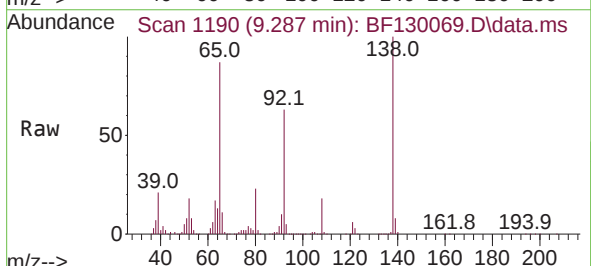
Tgt Ion: 65 Resp: 386533

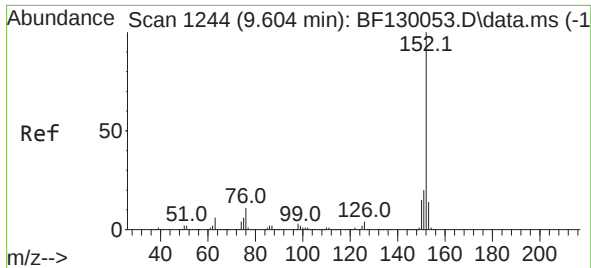
Ion Ratio Lower Upper

65 100

92 72.8 55.0 82.4

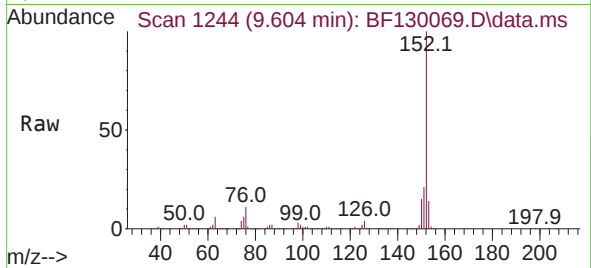
138 115.6 81.3 121.9





#49  
Acenaphthylene  
Concen: 36.986 ng  
RT: 9.604 min Scan# 1244  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

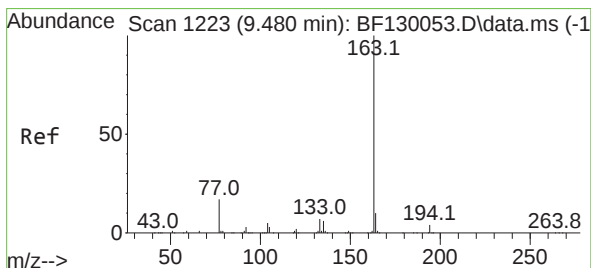
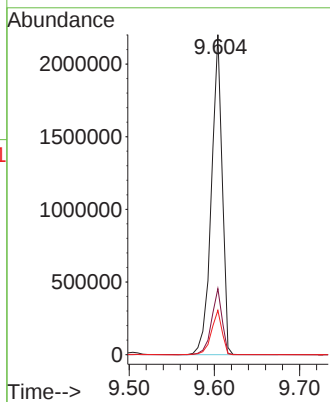
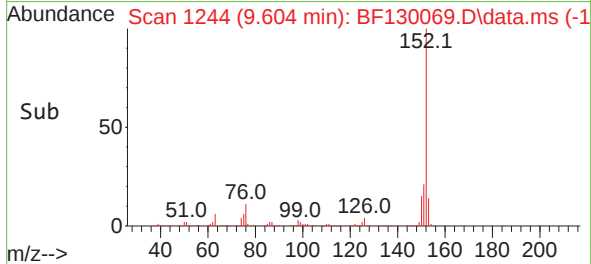
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 1927538  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 13.8 10.6 16.0

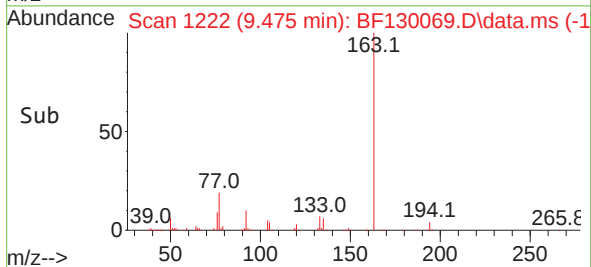
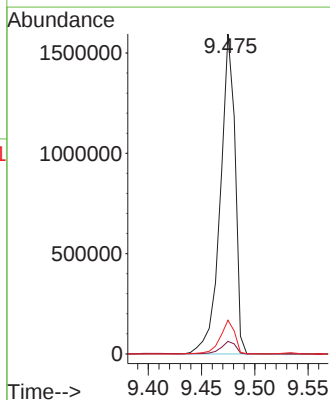
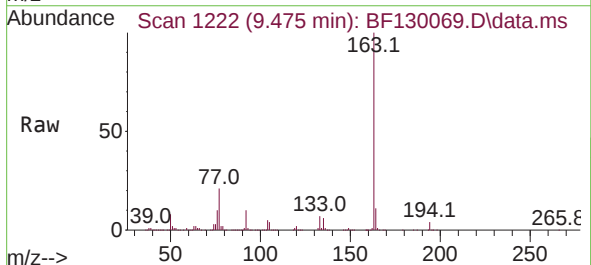
Manual Integrations  
APPROVED

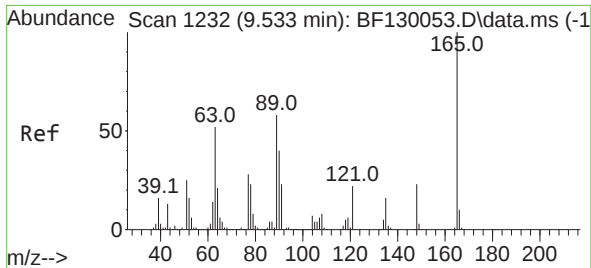
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#50  
Dimethylphthalate  
Concen: 38.400 ng  
RT: 9.475 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion:163 Resp: 1542079  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.5 8.2 12.2





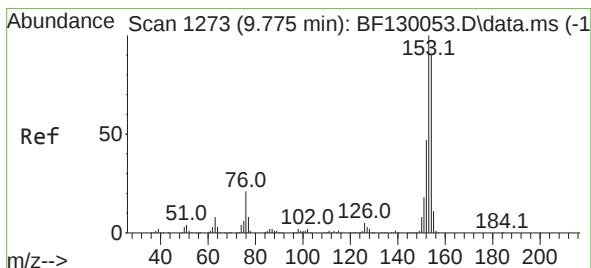
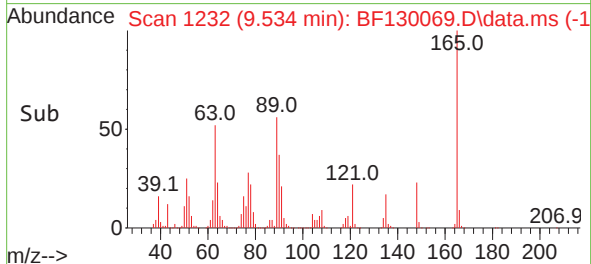
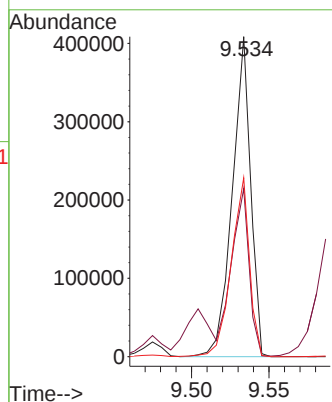
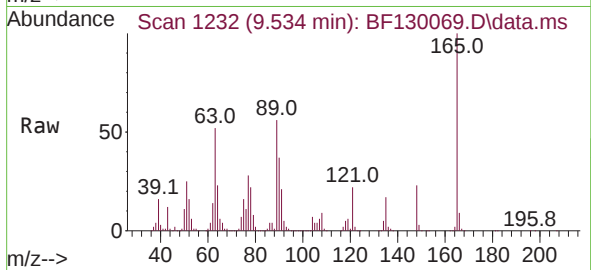
#51  
2,6-Dinitrotoluene  
Concen: 43.049 ng  
RT: 9.534 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 337051  
Ion Ratio Lower Upper  
165 100  
63 52.5 47.8 71.8  
89 55.9 47.2 70.8

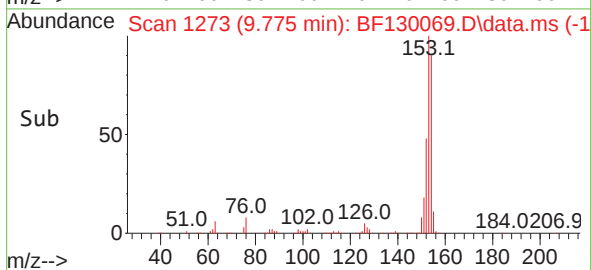
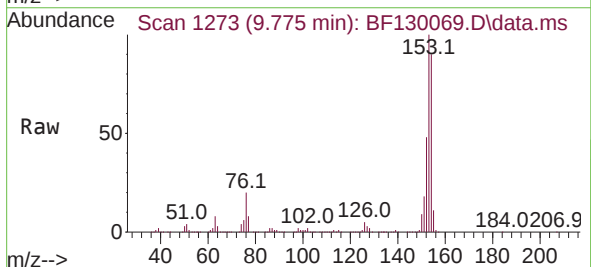
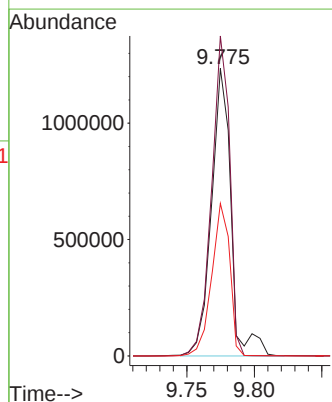
Manual Integrations  
APPROVED

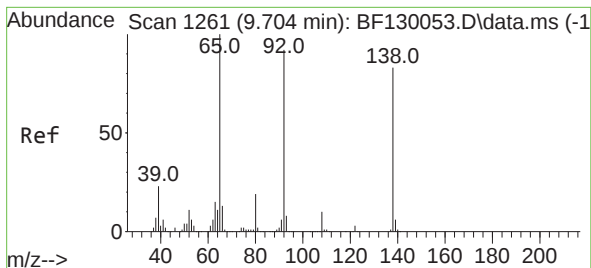
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#52  
Acenaphthene  
Concen: 37.648 ng m  
RT: 9.775 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

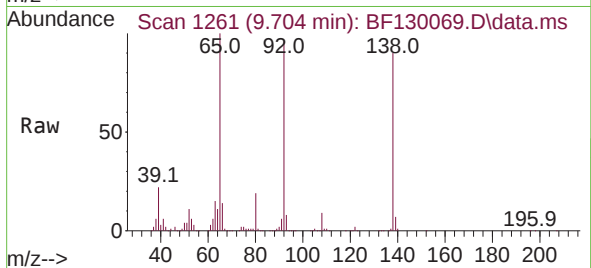
Tgt Ion:154 Resp: 1236529  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.8 134.6  
152 53.0 42.1 63.1





#53  
3-Nitroaniline  
Concen: 42.556 ng  
RT: 9.704 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

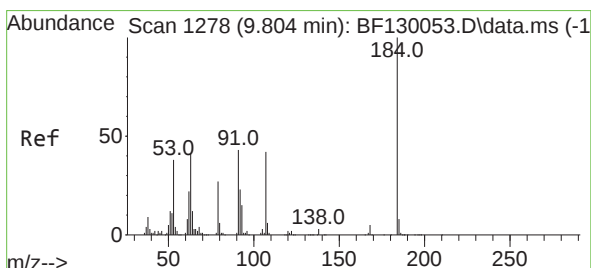
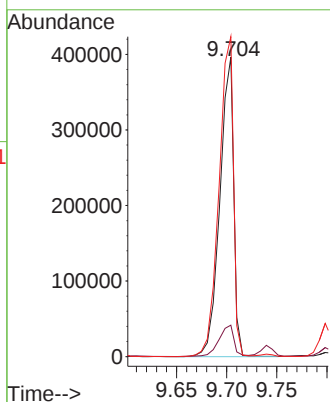
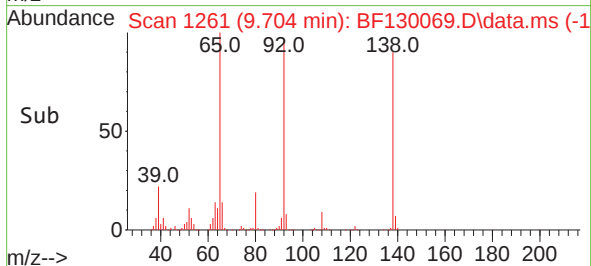
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



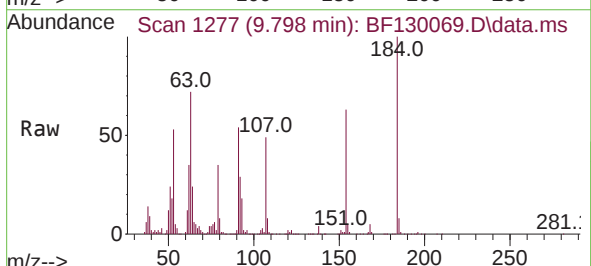
Tgt Ion:138 Resp: 382441  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.4 12.6  
92 106.9 89.8 134.8

Manual Integrations  
APPROVED

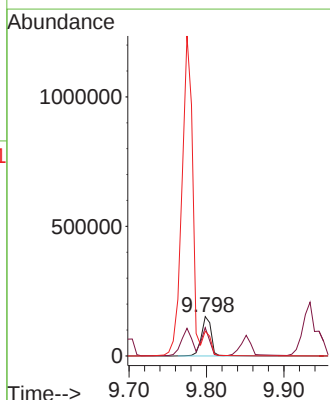
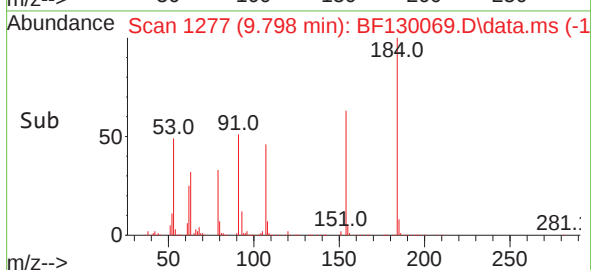
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

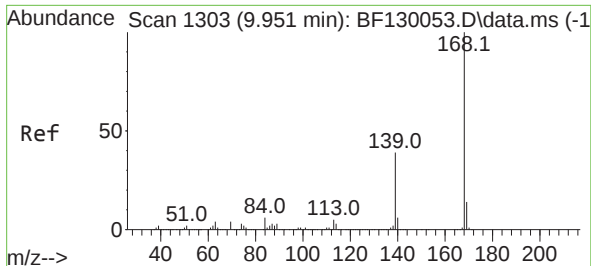


#54  
2,4-Dinitrophenol  
Concen: 41.846 ng  
RT: 9.798 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:184 Resp: 133484  
Ion Ratio Lower Upper  
184 100  
63 71.9 59.6 89.4  
154 63.1 55.3 82.9





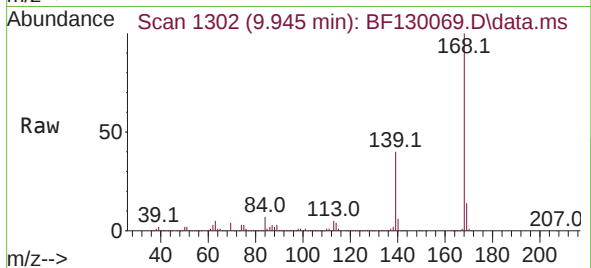
#55  
Dibenzenofuran  
Concen: 37.514 ng  
RT: 9.945 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

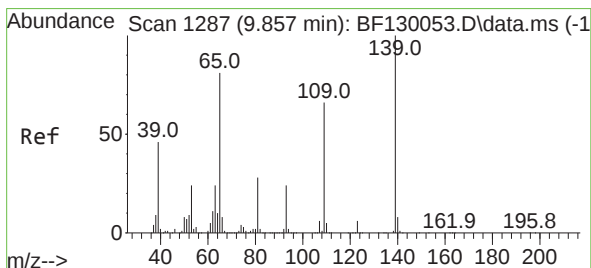
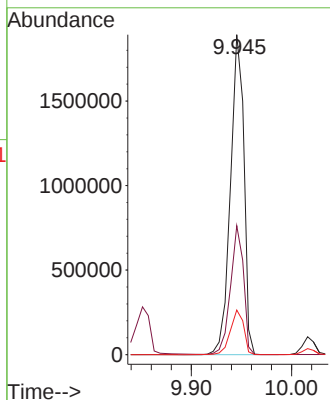
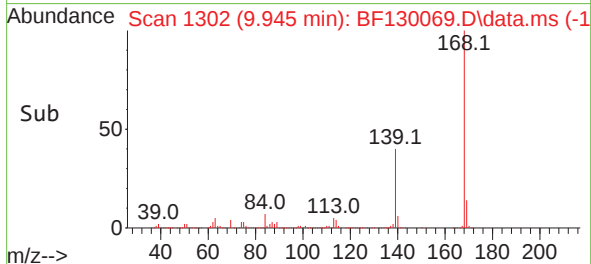


Tgt Ion:168 Resp: 1764338  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.3 46.9  
169 13.9 10.7 16.1

Manual Integrations

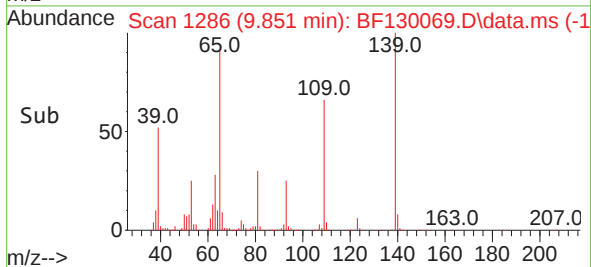
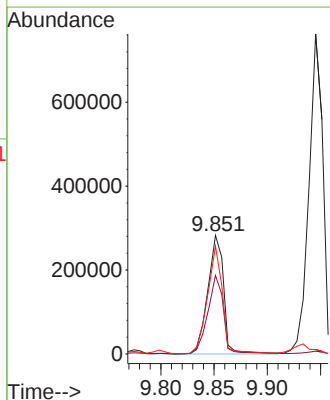
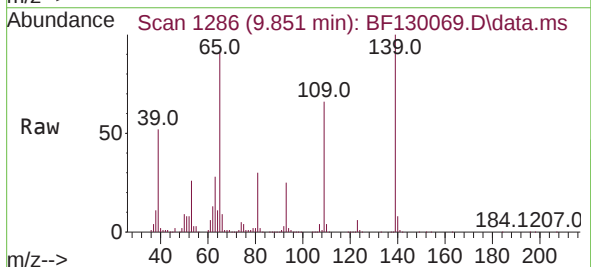
APPROVED

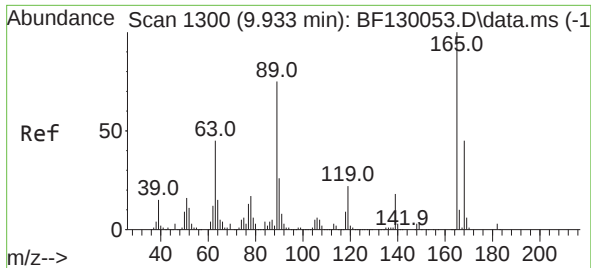
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#56  
4-Nitrophenol  
Concen: 42.083 ng  
RT: 9.851 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion:139 Resp: 291569  
Ion Ratio Lower Upper  
139 100  
109 66.2 52.9 92.9  
65 91.0 79.5 119.5





#57  
2,4-Dinitrotoluene  
Concen: 46.131 ng  
RT: 9.934 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

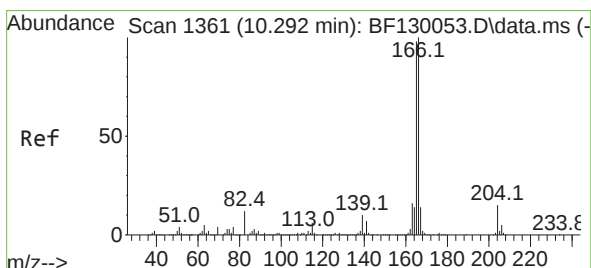
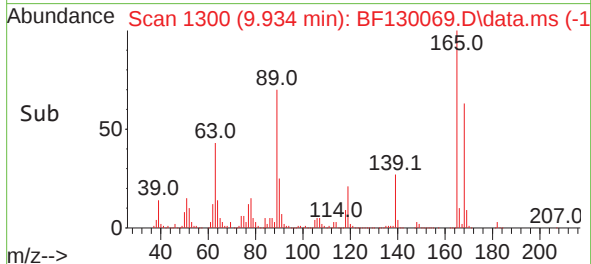
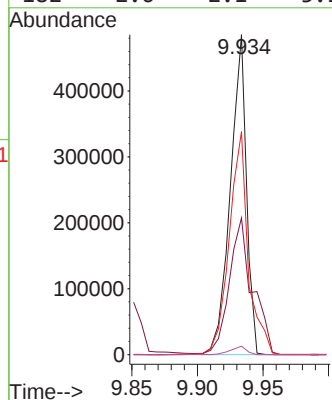
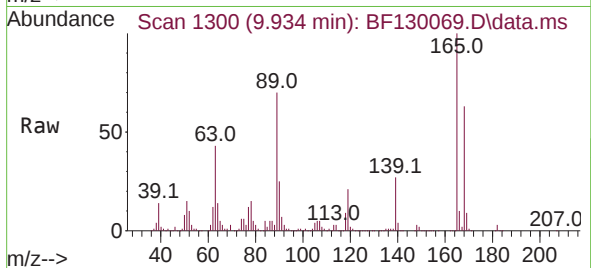
SSTDCCC040

Tgt Ion:165 Resp: 415839  
Ion Ratio Lower Upper  
165 100  
63 42.7 48.4 72.6  
89 69.7 62.3 93.5  
182 2.6 2.1 3.1

Manual Integrations

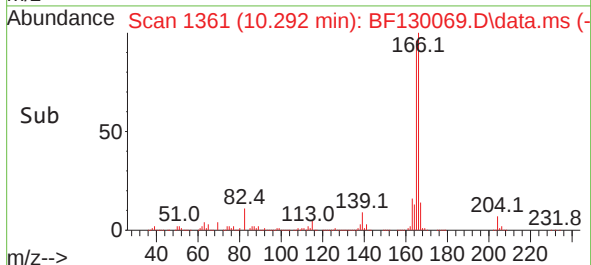
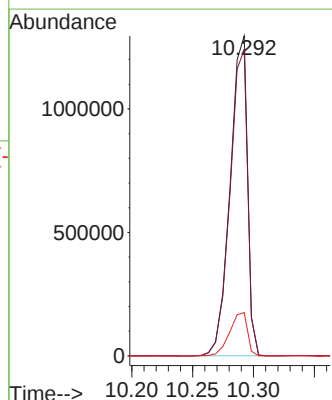
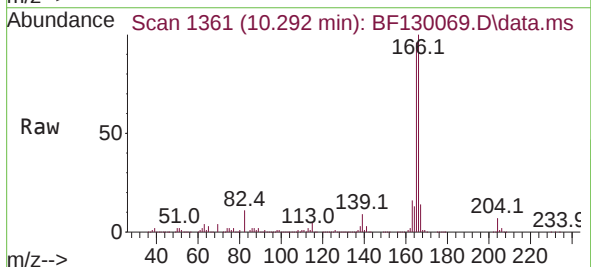
APPROVED

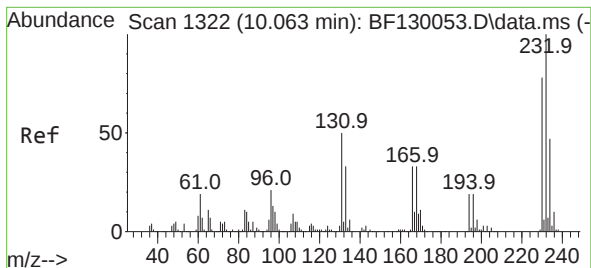
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#58  
Fluorene  
Concen: 36.034 ng  
RT: 10.292 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

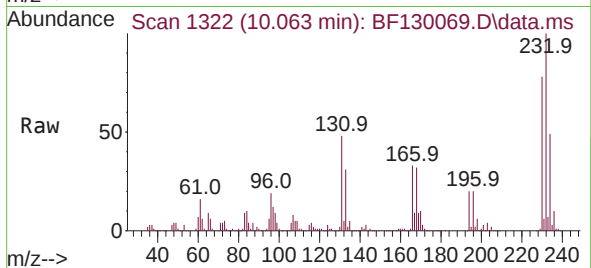
Tgt Ion:166 Resp: 1289495  
Ion Ratio Lower Upper  
166 100  
165 95.8 77.9 116.9  
167 13.5 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.509 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

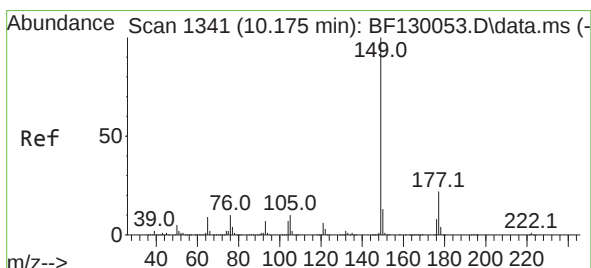
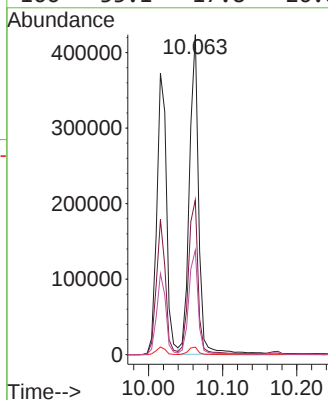
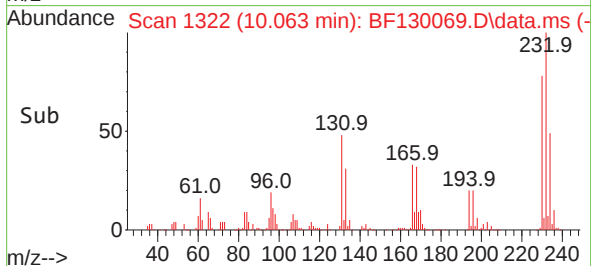
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDC040



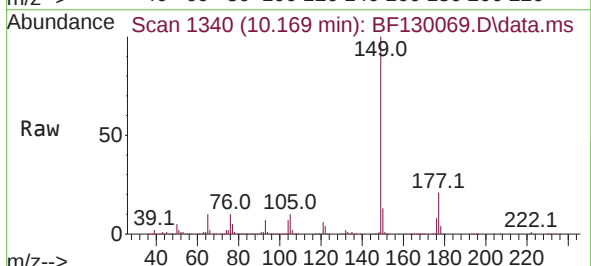
Tgt Ion:232 Resp: 364997  
Ion Ratio Lower Upper  
232 100  
131 50.0 29.9 44.9  
130 2.5 1.5 2.3  
166 33.1 17.8 26.8

Manual Integrations  
APPROVED

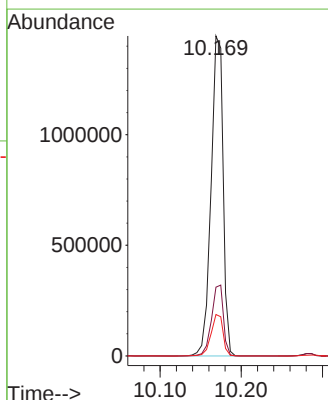
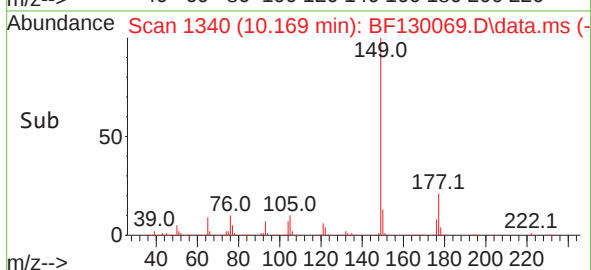
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

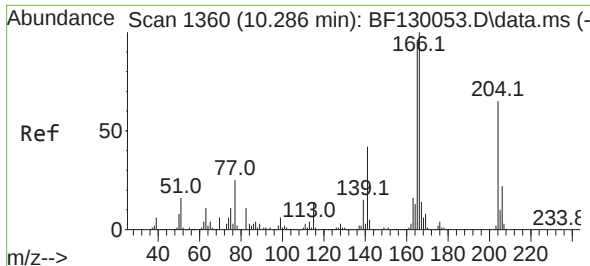


#60  
Diethylphthalate  
Concen: 38.461 ng  
RT: 10.169 min Scan# 1340  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:149 Resp: 1494212  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.7 26.5  
150 12.9 10.1 15.1





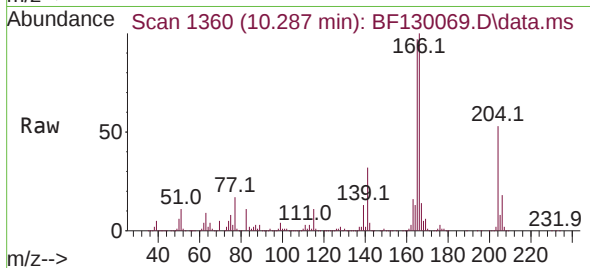
#61  
4-Chlorophenyl-phenylether  
Concen: 36.850 ng  
RT: 10.287 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

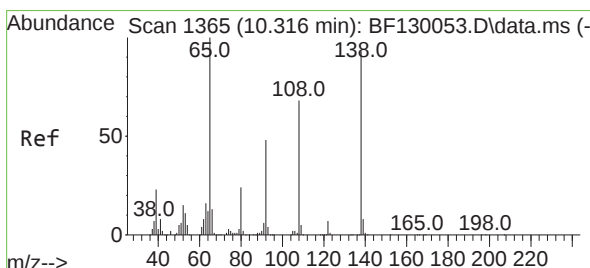
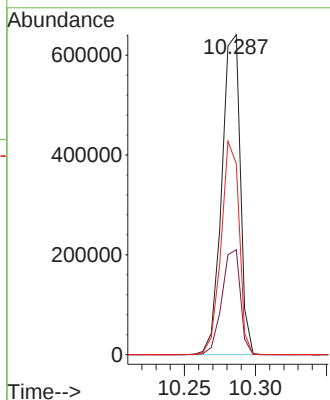
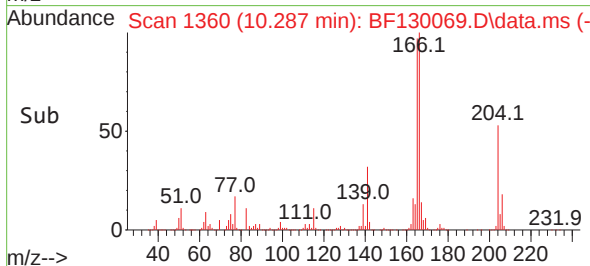


Tgt Ion:204 Resp: 58294  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 59.7 52.6 79.0

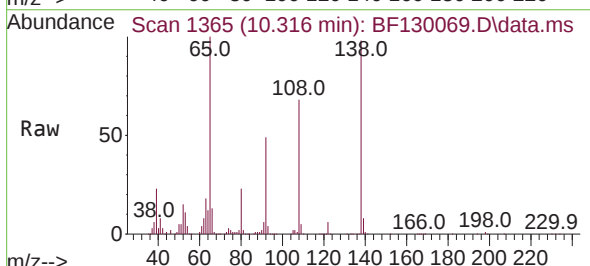
Manual Integrations

APPROVED

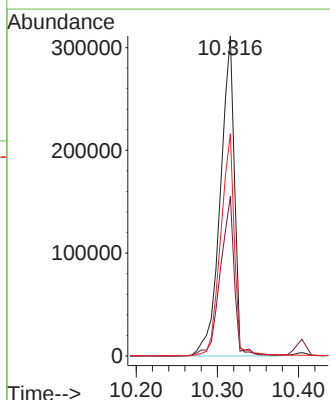
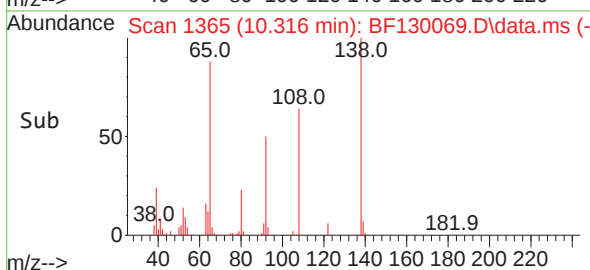
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

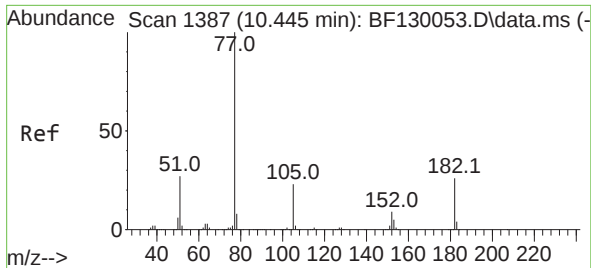


#62  
4-Nitroaniline  
Concen: 43.146 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:138 Resp: 377097  
Ion Ratio Lower Upper  
138 100  
92 49.8 30.3 70.3  
108 69.4 55.7 95.7





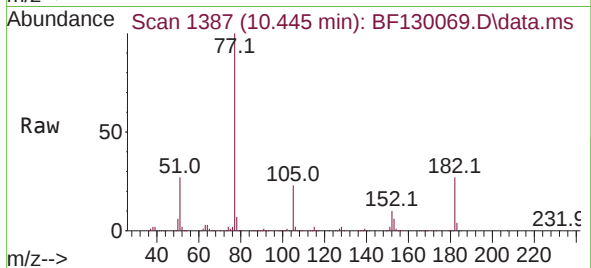
#63  
Azobenzene  
Concen: 37.196 ng  
RT: 10.445 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

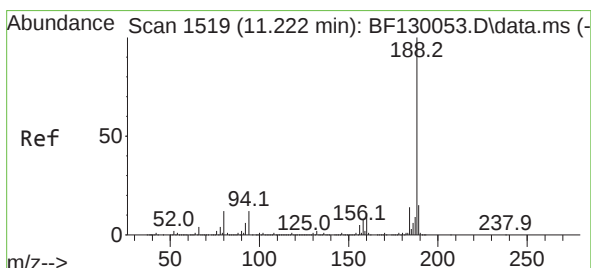
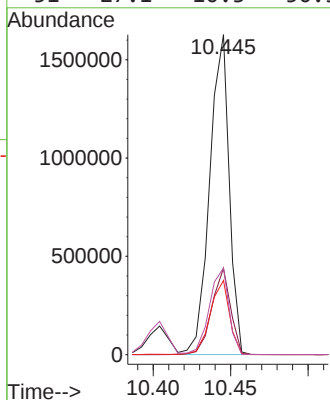
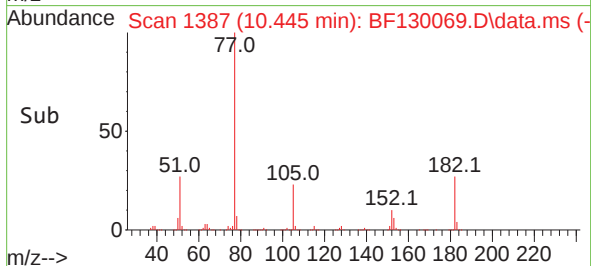


Tgt Ion: 77 Resp: 1422776  
Ion Ratio Lower Upper  
77 100  
182 27.0 2.2 42.2  
105 23.2 0.8 40.8  
51 27.1 10.3 50.3

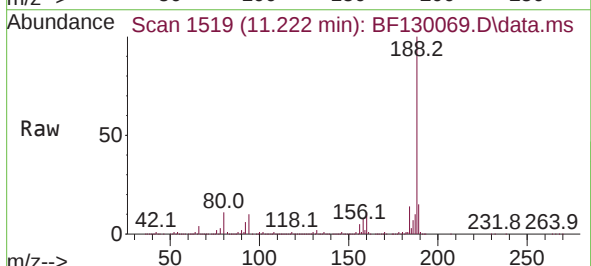
Manual Integrations

APPROVED

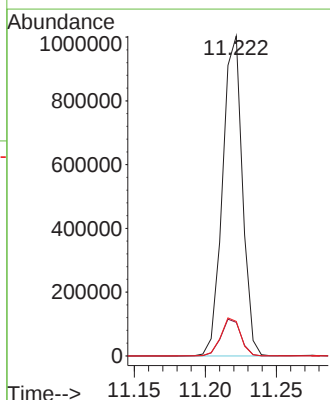
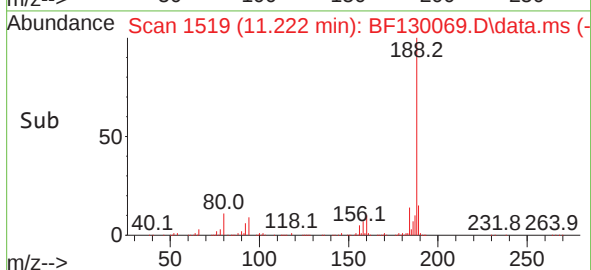
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

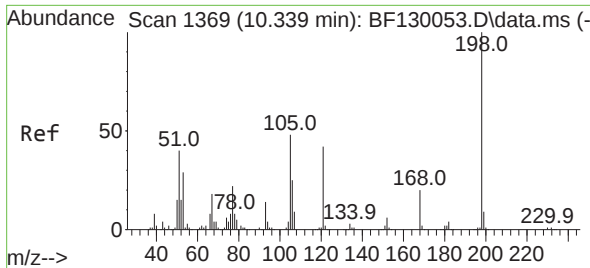


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.222 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



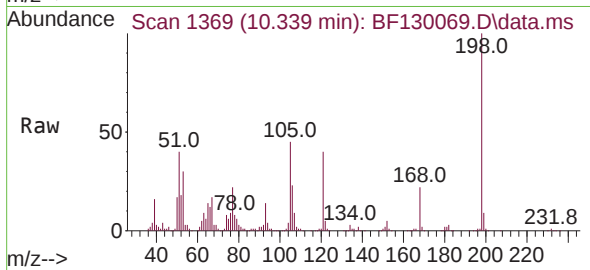
Tgt Ion:188 Resp: 975774  
Ion Ratio Lower Upper  
188 100  
94 10.5 7.4 11.2  
80 10.8 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.020 ng  
RT: 10.339 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

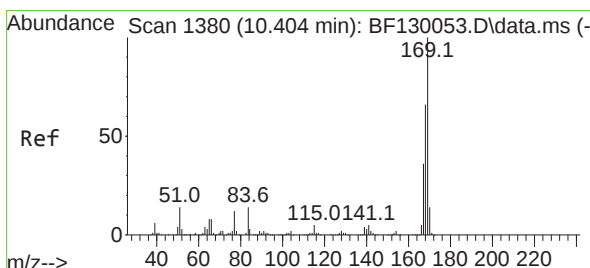
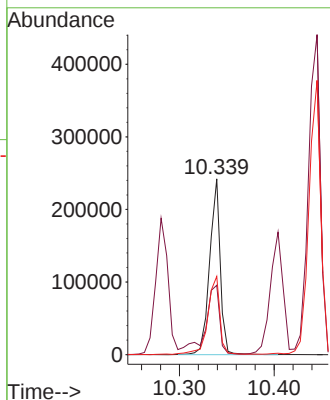
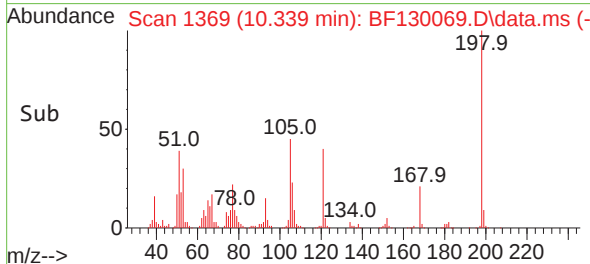
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



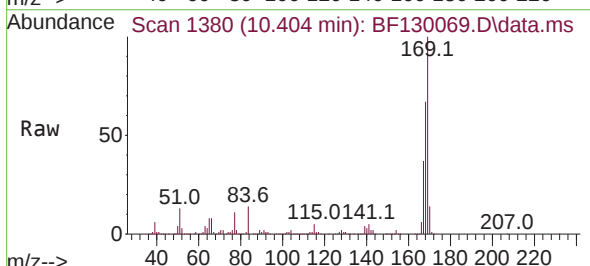
Tgt Ion:198 Resp: 189048  
Ion Ratio Lower Upper  
198 100  
51 39.5 29.4 69.4  
105 44.5 29.2 69.2

Manual Integrations  
APPROVED

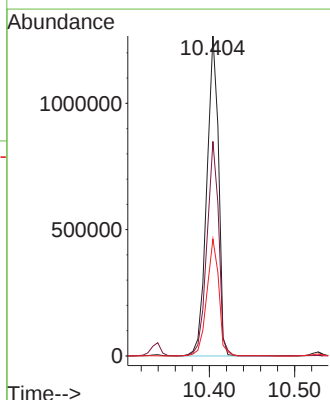
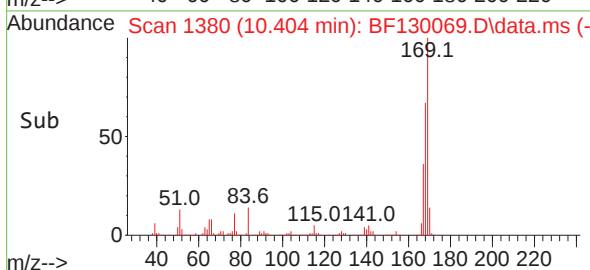
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

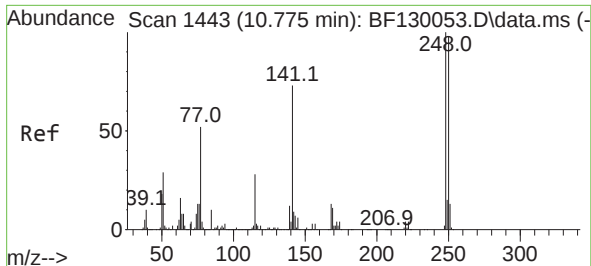


#66  
n-Nitrosodiphenylamine  
Concen: 37.168 ng  
RT: 10.404 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



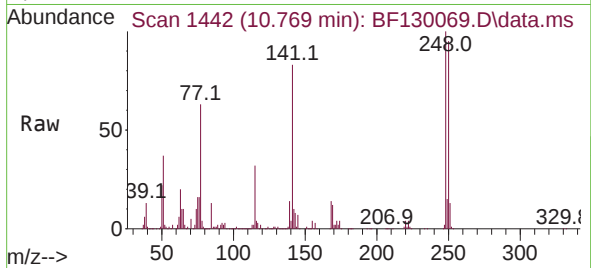
Tgt Ion:169 Resp: 1212391  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.4 80.2  
167 36.5 29.1 43.7





#67  
4-Bromophenyl-phenylether  
Concen: 38.401 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

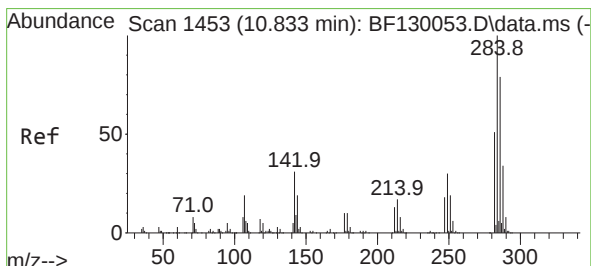
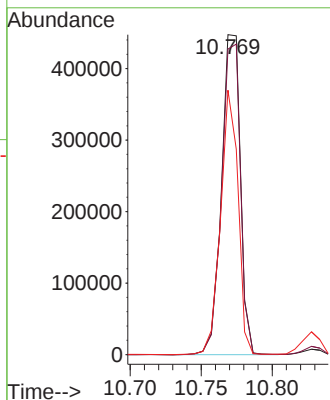
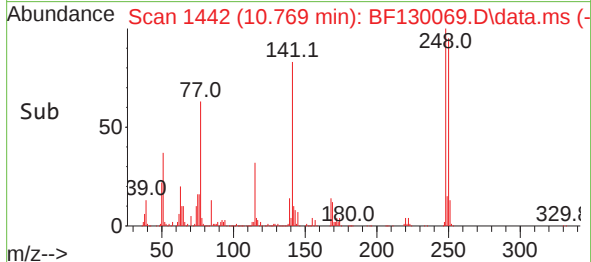
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



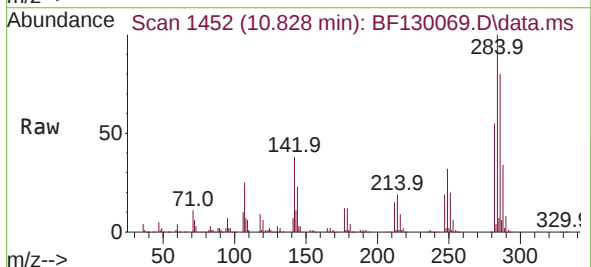
Tgt Ion:248 Resp: 416792  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.8 116.6  
141 82.6 66.2 99.2

Manual Integrations  
APPROVED

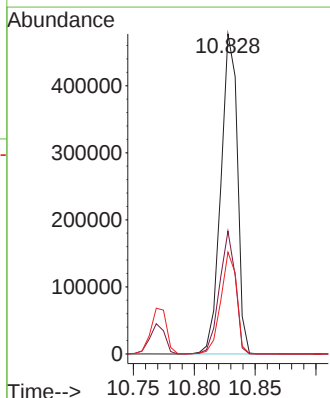
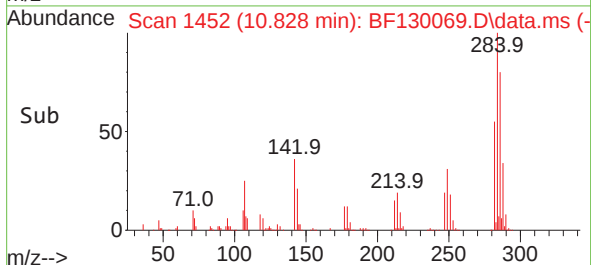
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

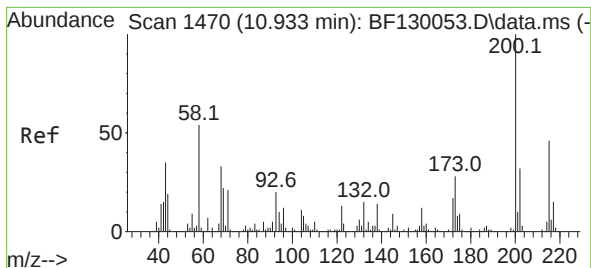


#68  
Hexachlorobenzene  
Concen: 38.091 ng  
RT: 10.828 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:284 Resp: 450482  
Ion Ratio Lower Upper  
284 100  
142 38.4 31.4 47.0  
249 31.8 25.7 38.5





#69

Atrazine

Concen: 39.334 ng

RT: 10.934 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

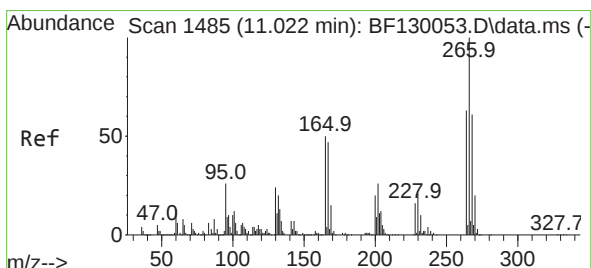
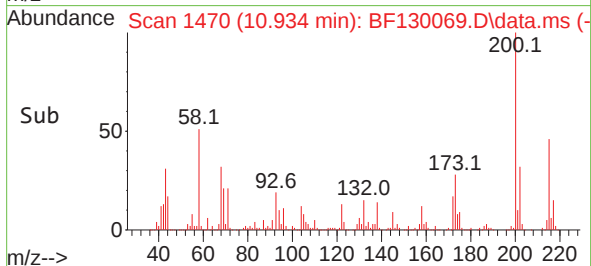
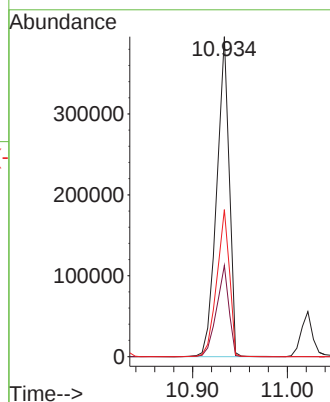
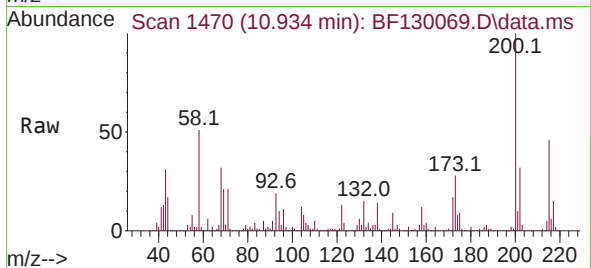
Tgt Ion:200 Resp: 362986  
 Ion Ratio Lower Upper  
 200 100  
 173 28.5 6.4 46.4  
 215 45.9 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#70

Pentachlorophenol

Concen: 39.032 ng

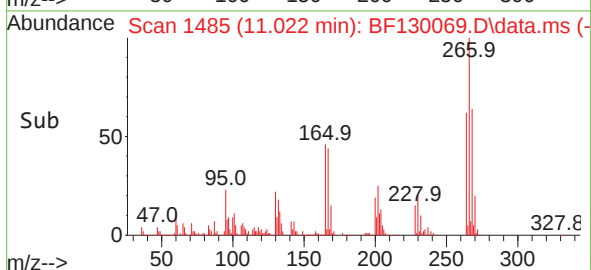
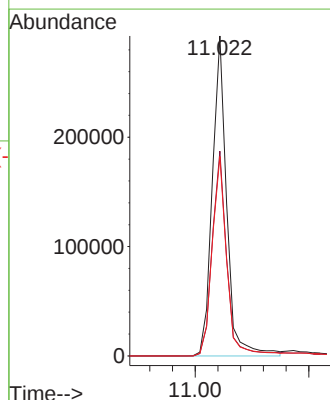
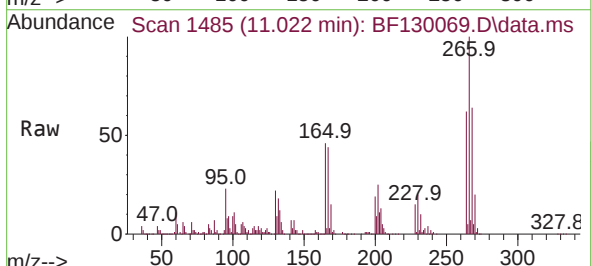
RT: 11.022 min Scan# 1485

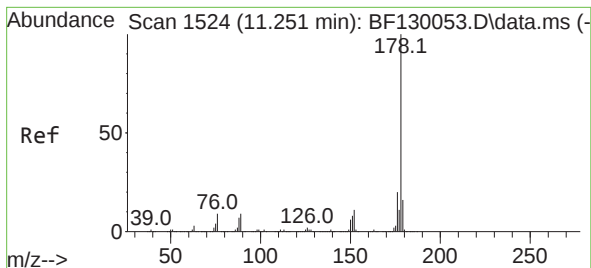
Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Tgt Ion:266 Resp: 258126  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 49.0 73.4  
 264 62.3 47.9 71.9





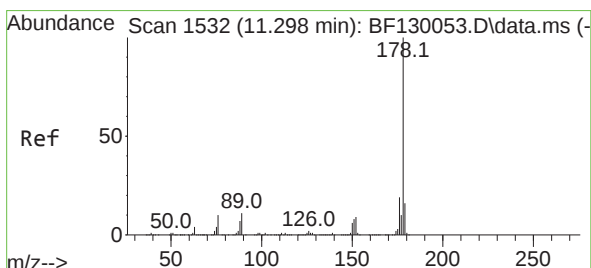
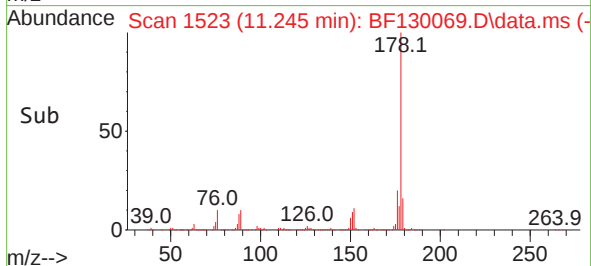
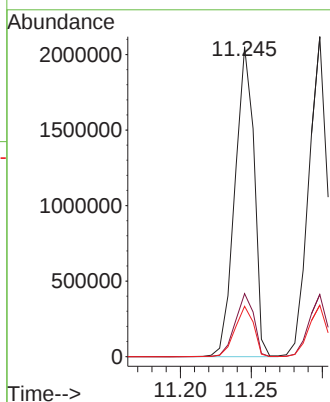
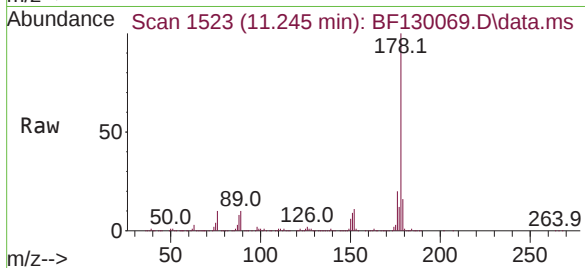
#71  
Phenanthrene  
Concen: 36.225 ng  
RT: 11.245 min Scan# 1124  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 1916948  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.5 23.3  
179 16.2 12.5 18.7

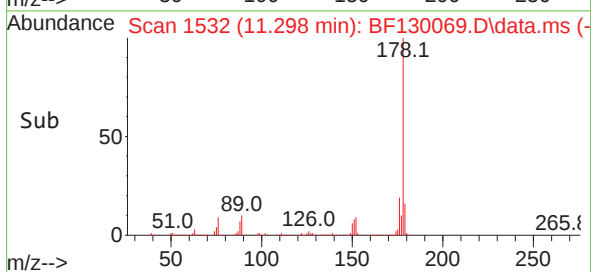
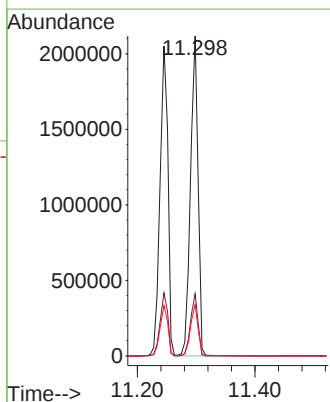
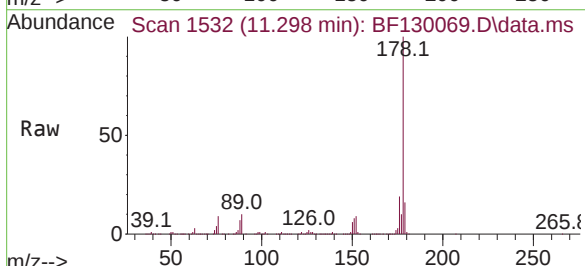
Manual Integrations  
APPROVED

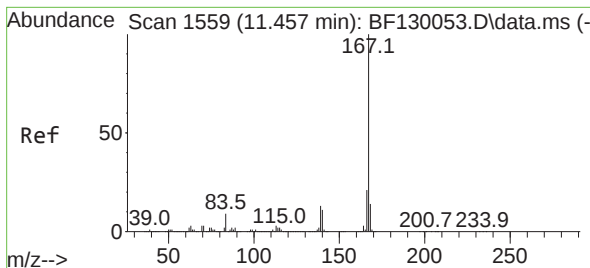
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#72  
Anthracene  
Concen: 36.560 ng  
RT: 11.298 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion:178 Resp: 1901881  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.1 22.7  
179 16.1 12.6 18.8





#73

Carbazole

Concen: 37.471 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1797506

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

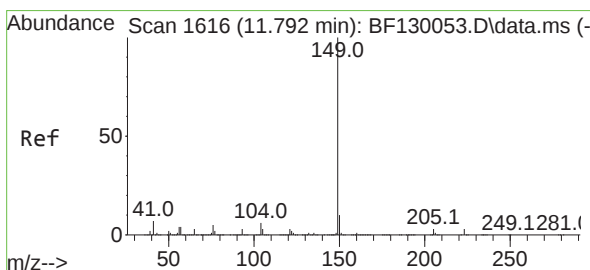
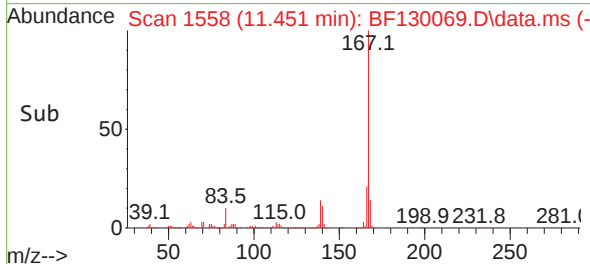
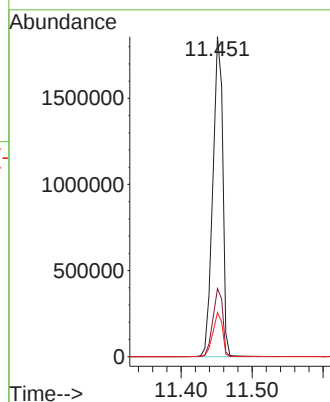
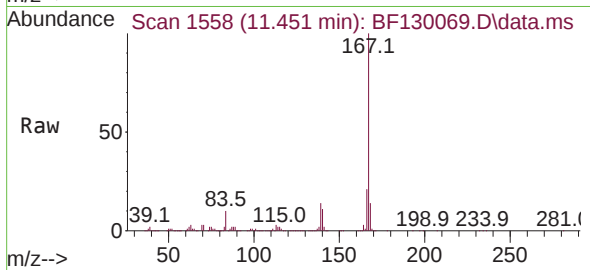
139 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#74

Di-n-butylphthalate

Concen: 38.050 ng

RT: 11.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

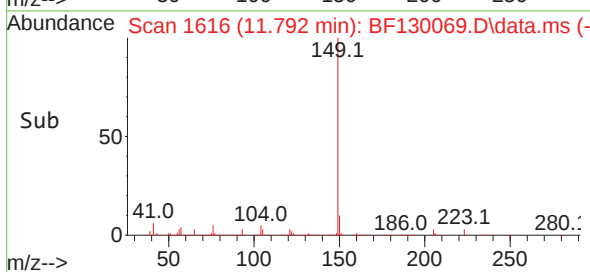
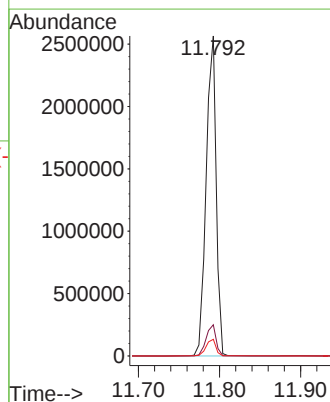
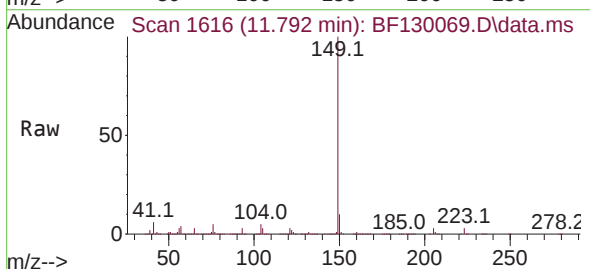
Tgt Ion:149 Resp: 2201001

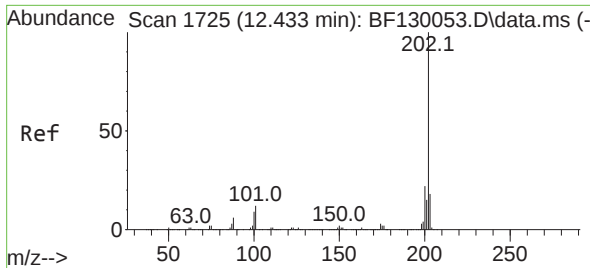
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

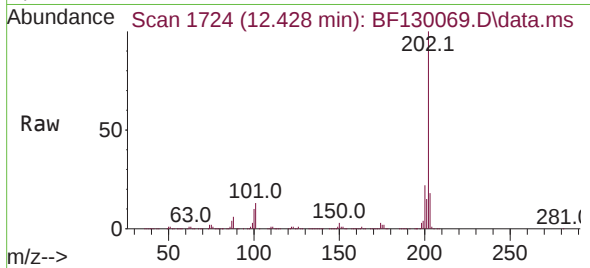
104 5.2 4.2 6.4





#75  
Fluoranthene  
Concen: 36.913 ng  
RT: 12.428 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

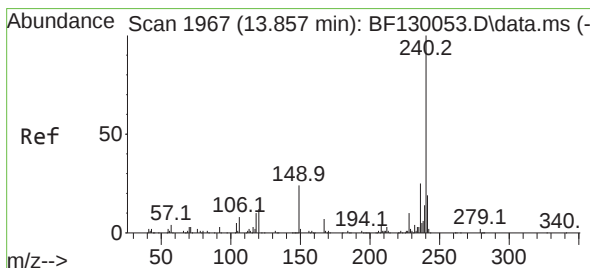
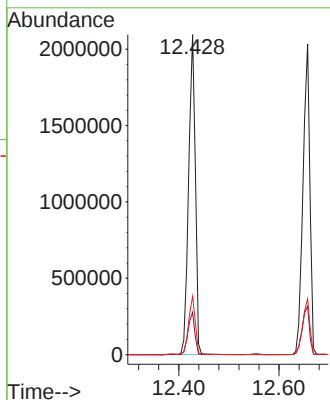
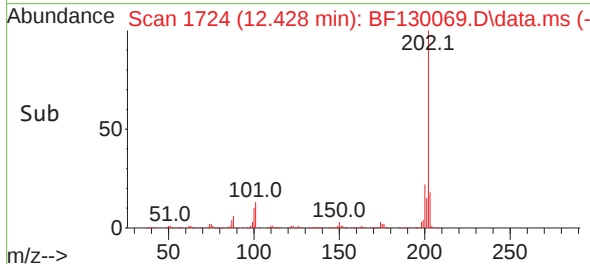
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



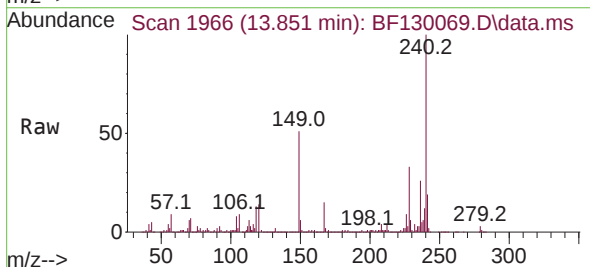
Tgt Ion:202 Resp: 1936989  
Ion Ratio Lower Upper  
202 100  
101 13.2 0.0 30.7  
203 18.2 0.0 37.5

Manual Integrations  
APPROVED

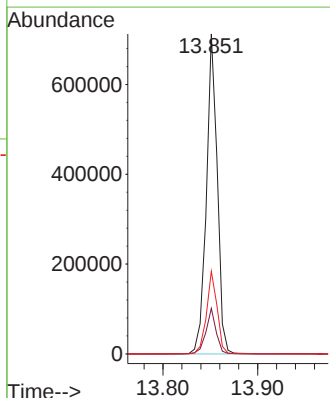
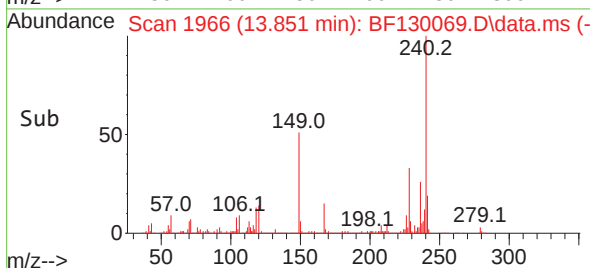
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

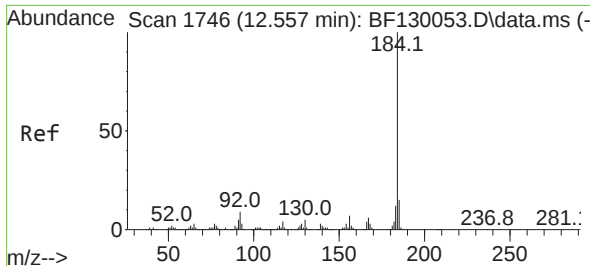


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



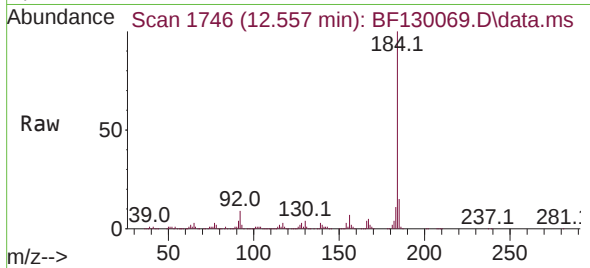
Tgt Ion:240 Resp: 571137  
Ion Ratio Lower Upper  
240 100  
120 14.2 9.2 13.8#  
236 25.8 20.7 31.1





#77  
Benzidine  
Concen: 45.541 ng  
RT: 12.557 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

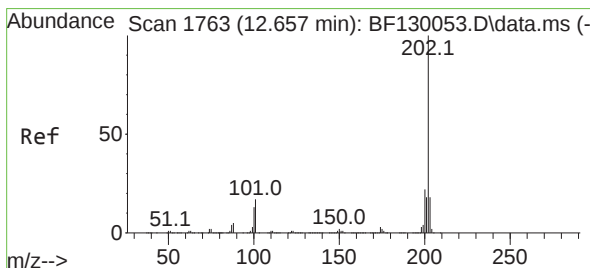
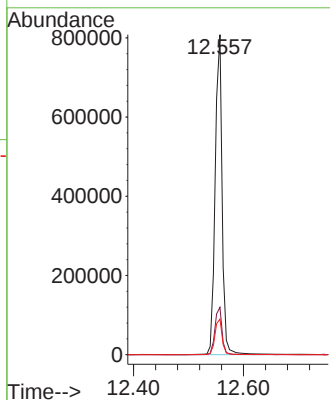
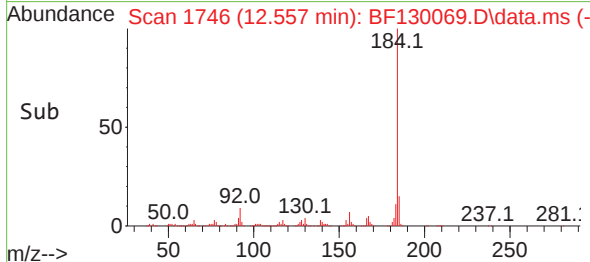
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



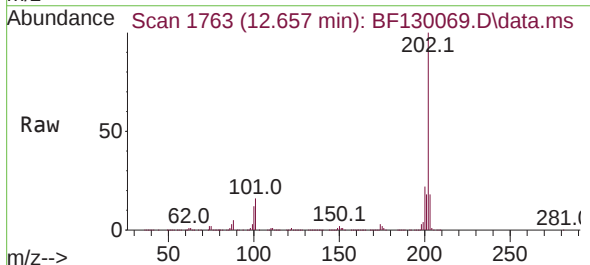
Tgt Ion:184 Resp: 702244  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.4 17.2  
183 11.1 9.4 14.2

Manual Integrations  
APPROVED

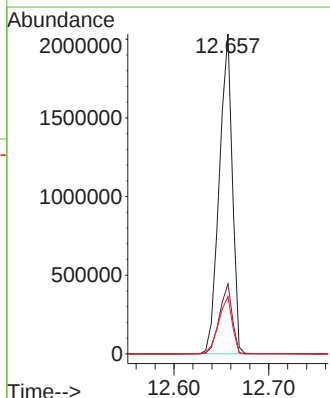
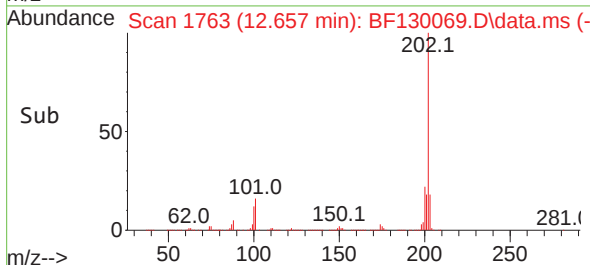
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

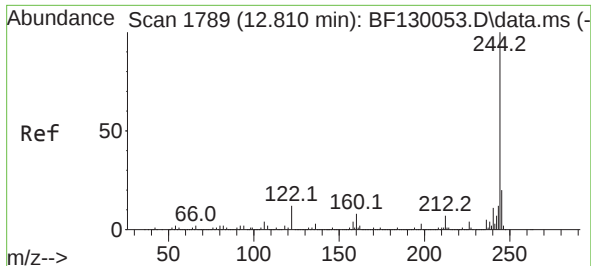


#78  
Pyrene  
Concen: 37.956 ng  
RT: 12.657 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



Tgt Ion:202 Resp: 1944390  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.6  
203 17.9 14.1 21.1





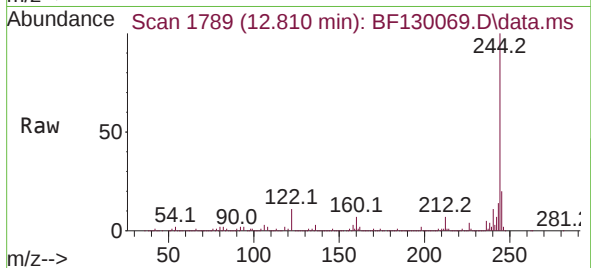
#79  
 Terphenyl-d14  
 Concen: 75.626 ng  
 RT: 12.810 min Scan# 1789  
 Delta R.T. 0.000 min  
 Lab File: BF130069.D  
 Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

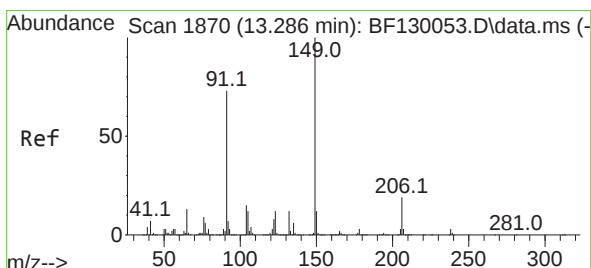
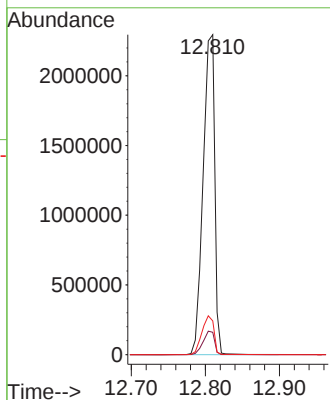
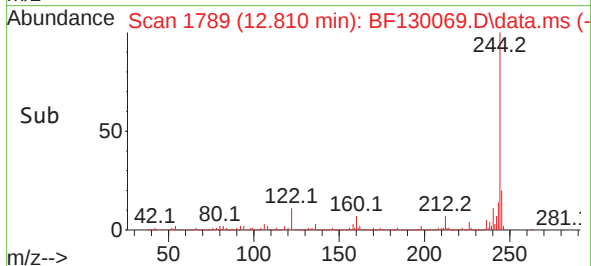


Tgt Ion:244 Resp: 2490762  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 10.5 9.9 14.9

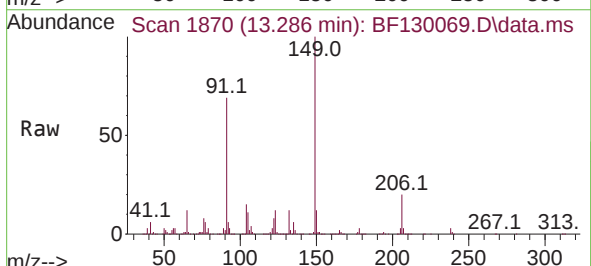
Manual Integrations

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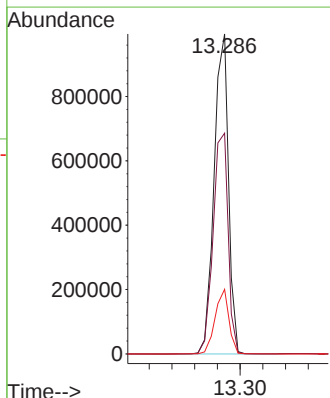
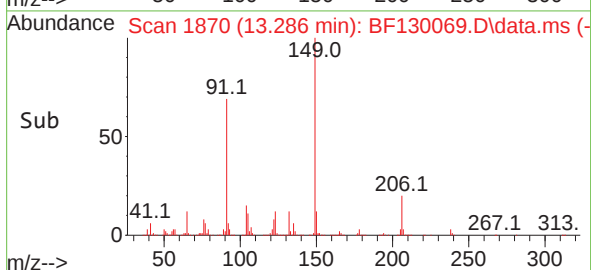
Reviewed By :Christian Giraldo 09/02/2022  
 Supervised By :Jagrut Upadhyay 09/02/2022

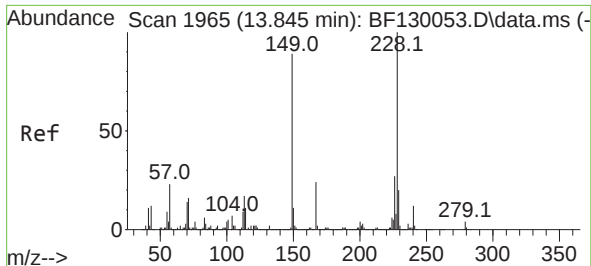


#80  
 Butylbenzylphthalate  
 Concen: 42.903 ng  
 RT: 13.286 min Scan# 1870  
 Delta R.T. 0.000 min  
 Lab File: BF130069.D  
 Acq: 01 Sep 2022 09:44



Tgt Ion:149 Resp: 874192  
 Ion Ratio Lower Upper  
 149 100  
 91 69.0 55.4 83.0  
 206 20.2 15.8 23.6





#81

Benzo(a)anthracene

Concen: 36.750 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1438432

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

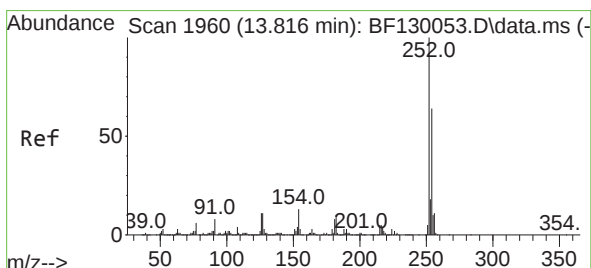
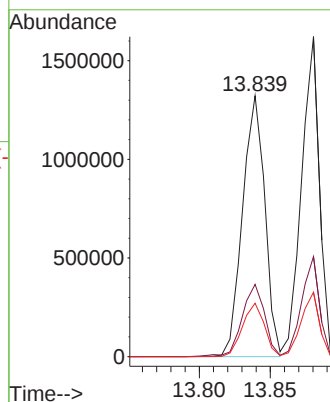
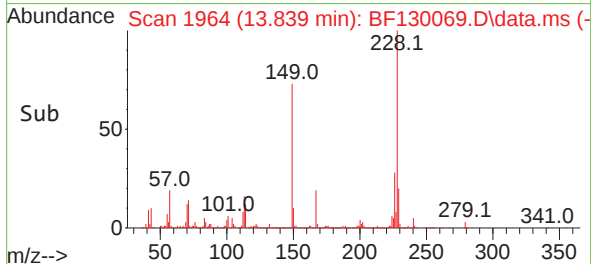
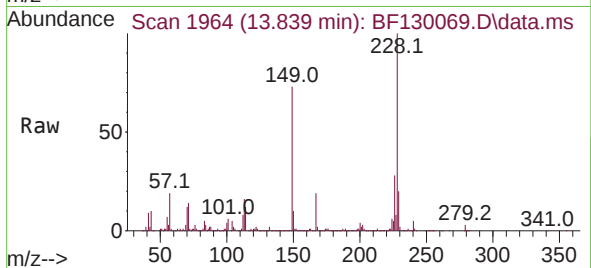
229 20.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#82

3,3'-Dichlorobenzidine

Concen: 40.009 ng

RT: 13.810 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

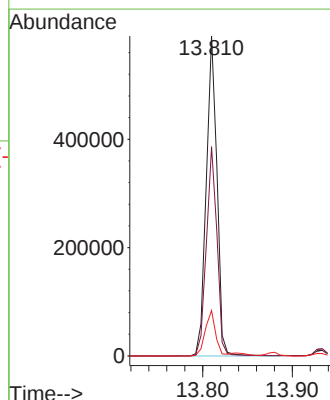
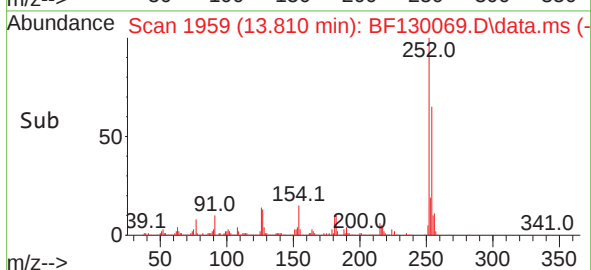
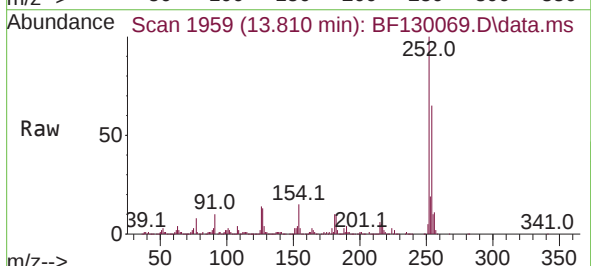
Tgt Ion:252 Resp: 488341

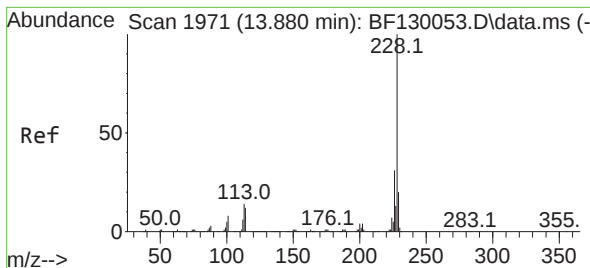
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 14.2 10.2 15.4





#83

Chrysene

Concen: 37.035 ng

RT: 13.880 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130069.D

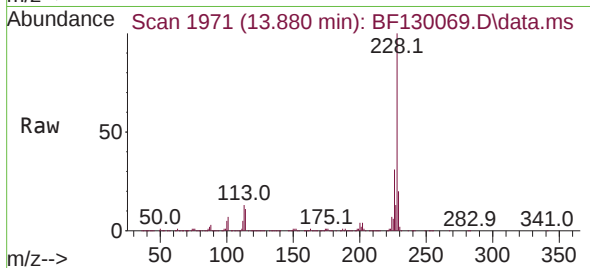
Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 142914

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

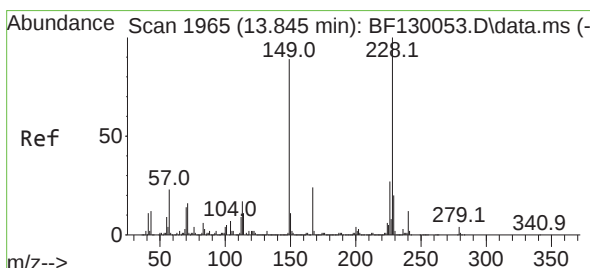
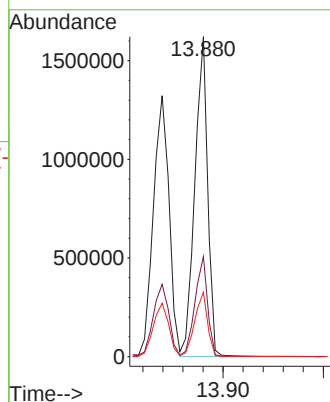
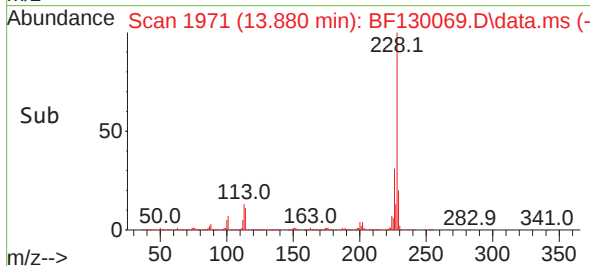
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#84

Bis(2-ethylhexyl)phthalate

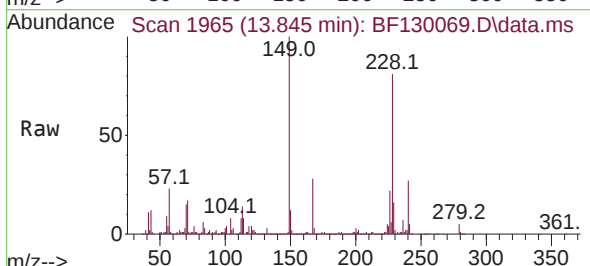
Concen: 40.596 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44



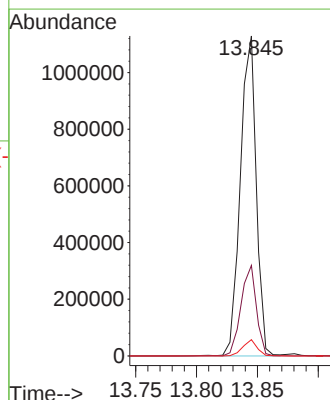
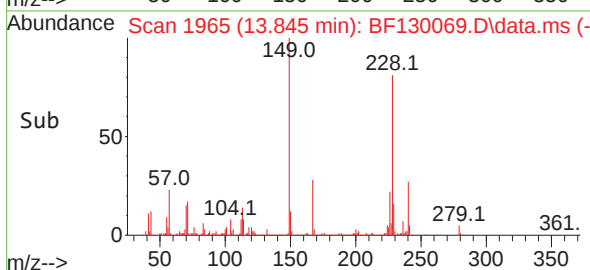
Tgt Ion:149 Resp: 1028184

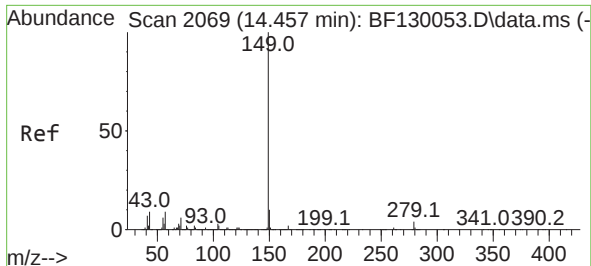
Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

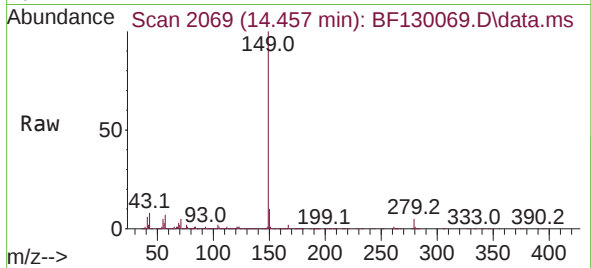
279 5.1 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 43.537 ng  
RT: 14.457 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

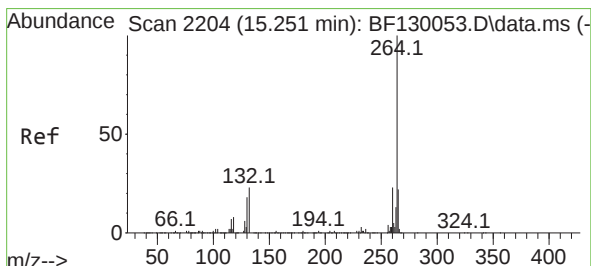
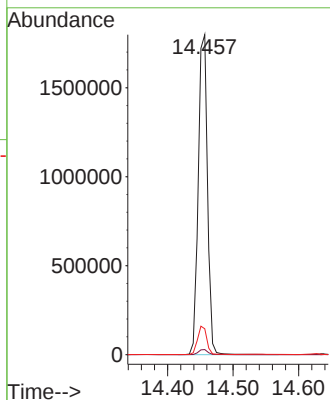
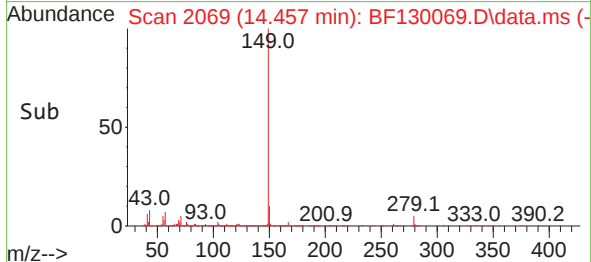
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 1741824  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.9 7.8 11.6

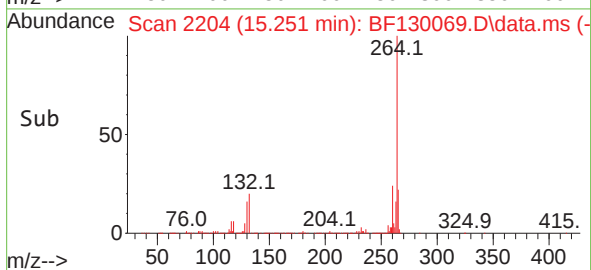
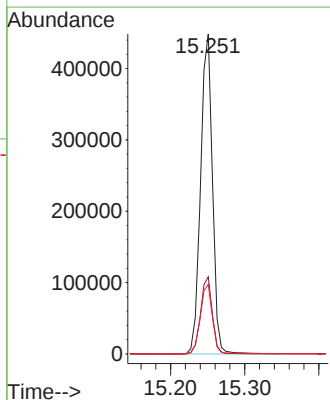
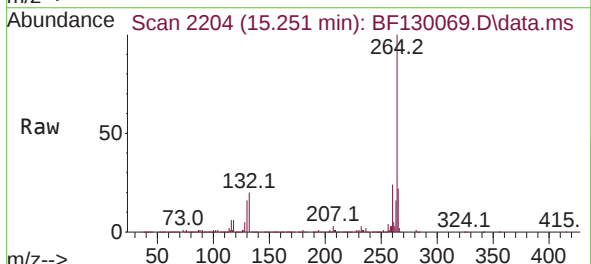
Manual Integrations  
APPROVED

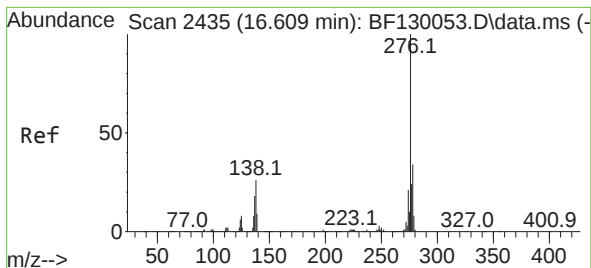
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.251 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion:264 Resp: 497564  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.1 28.7  
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.994 ng

RT: 16.598 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 131265

Ion Ratio Lower Upper

276 100

138 29.7 19.8 29.8

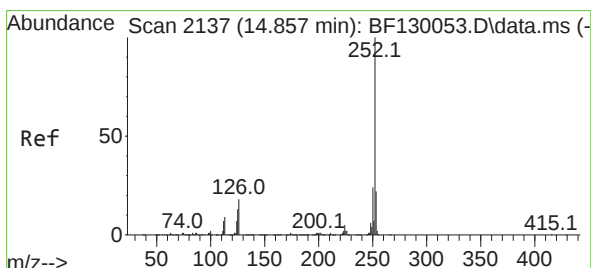
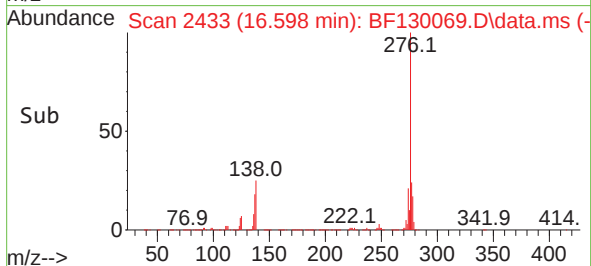
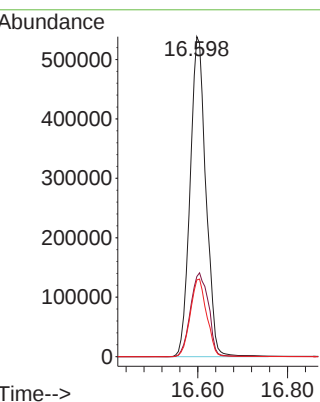
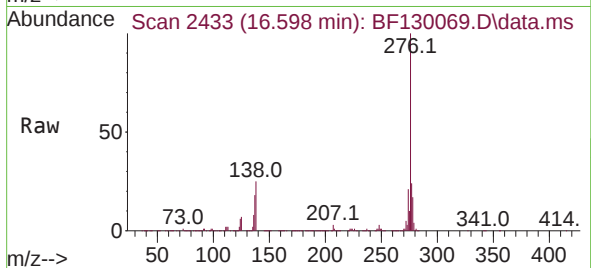
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#88

Benzo(b)fluoranthene

Concen: 38.544 ng

RT: 14.857 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF130069.D

Acq: 01 Sep 2022 09:44

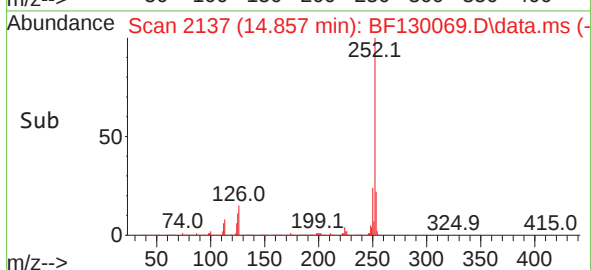
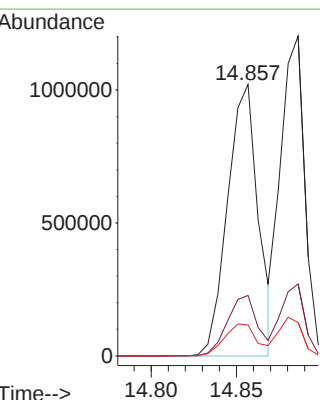
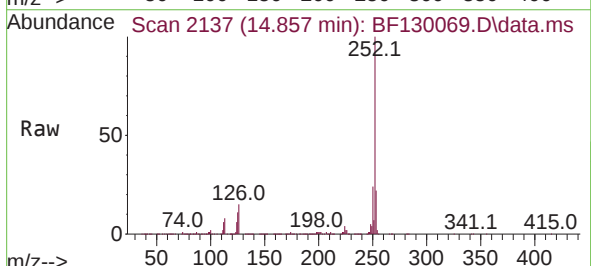
Tgt Ion:252 Resp: 1278924

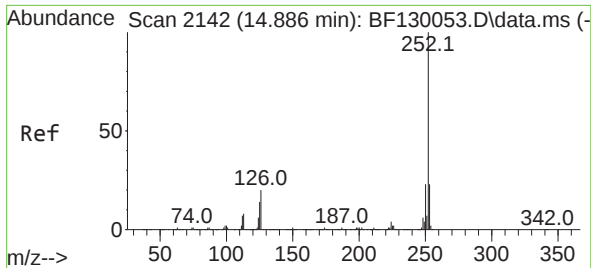
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

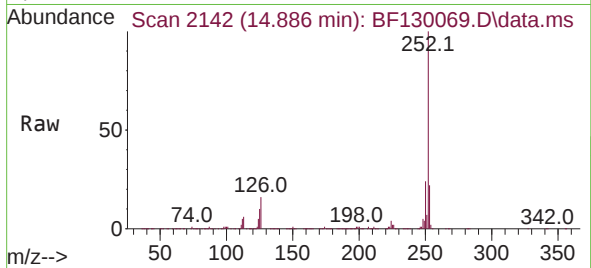
125 11.4 8.3 12.5





#89  
Benzo(k)fluoranthene  
Concen: 37.173 ng  
RT: 14.886 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

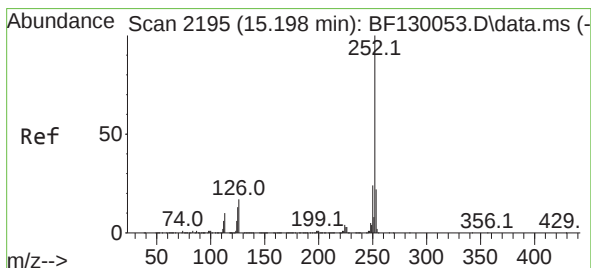
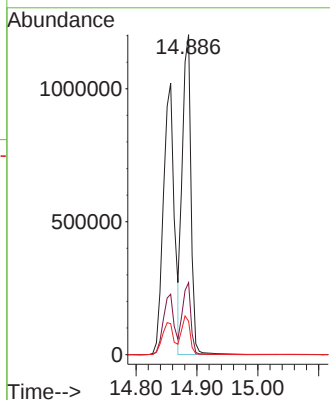
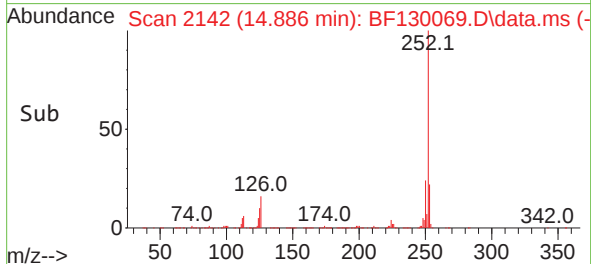
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



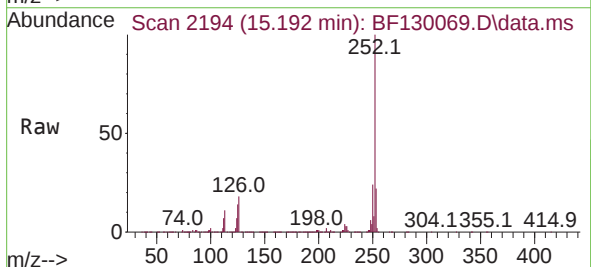
Tgt Ion:252 Resp: 1192905  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.1 25.7  
125 10.4 8.3 12.5

Manual Integrations  
APPROVED

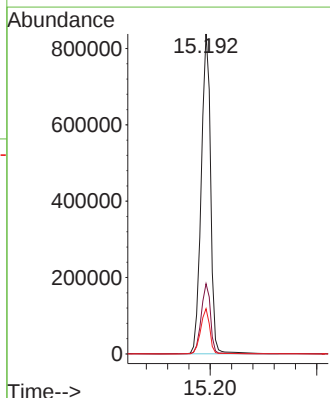
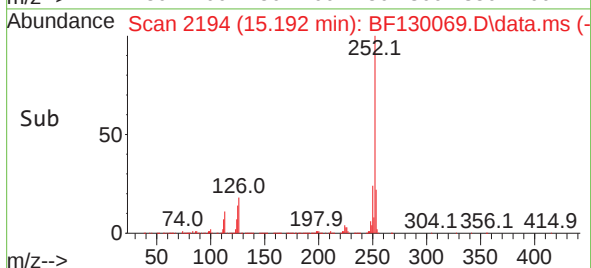
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

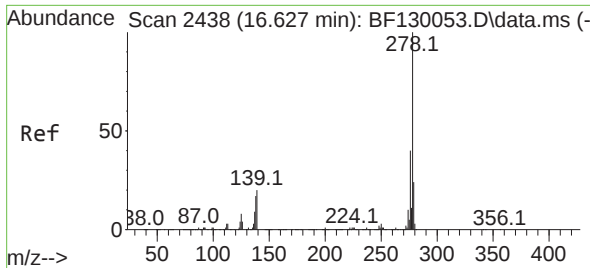


#90  
Benzo(a)pyrene  
Concen: 38.646 ng  
RT: 15.192 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44



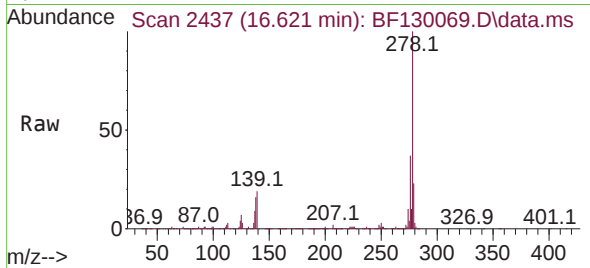
Tgt Ion:252 Resp: 1018938  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 14.1 8.8 13.2#





#91  
Dibenzo(a,h)anthracene  
Concen: 40.458 ng  
RT: 16.621 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

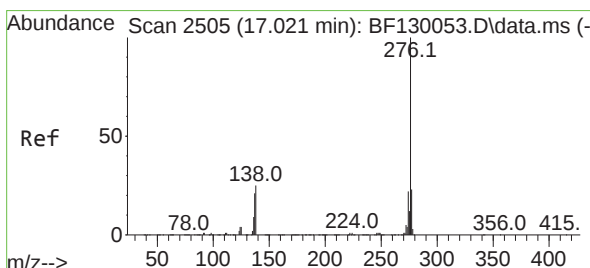
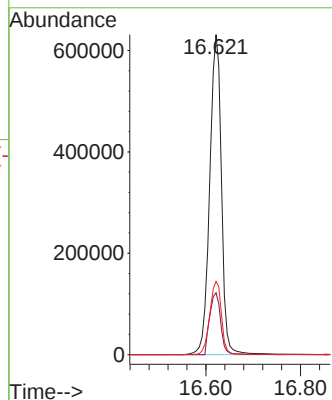
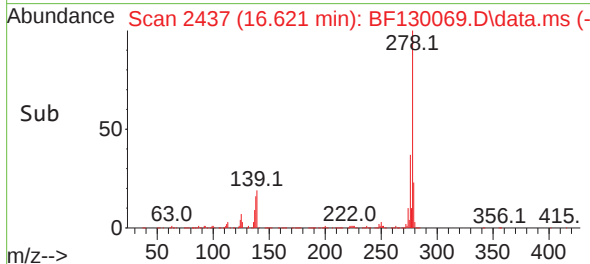
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 278 Resp: 1086576  
Ion Ratio Lower Upper  
278 100  
139 19.3 12.2 18.4  
279 22.9 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 09/02/2022  
Supervised By : Jagrut Upadhyay 09/02/2022



#92  
Benzo(g,h,i)perylene  
Concen: 39.511 ng  
RT: 17.010 min Scan# 2503  
Delta R.T. -0.012 min  
Lab File: BF130069.D  
Acq: 01 Sep 2022 09:44

Tgt Ion: 276 Resp: 1061677  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.2 27.4  
138 26.2 15.8 23.8#

