

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041922\  
 Data File : BF127838.D  
 Acq On : 19 Apr 2022 13:06  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022  
 Supervised By : Jagrut Upadhyay 04/20/2022

Quant Time: Apr 19 15:06:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 19 15:01:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.946  | 152  | 93868    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.228  | 136  | 335451   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.986  | 164  | 196679   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.480 | 188  | 355791   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.127 | 240  | 274767   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.645 | 264  | 203722   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 304466   | 52.705 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 307742   | 40.721 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 333077   | 44.266 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.781 | 330  | 107104   | 51.174 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.304  | 172  | 614927   | 44.230 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.069 | 244  | 713039   | 42.834 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.805  | 88   | 58527    | 21.360 | ng    | 87       |
| 3) Pyridine                   | 3.569  | 79   | 171034   | 23.699 | ng    | 84       |
| 4) n-Nitrosodimethylamine     | 3.534  | 42   | 91055    | 23.461 | ng    | # 90     |
| 6) Aniline                    | 6.610  | 93   | 175660   | 19.489 | ng    | 95       |
| 8) 2-Chlorophenol             | 6.728  | 128  | 123291   | 21.039 | ng    | 97       |
| 9) Benzaldehyde               | 6.498  | 77   | 97231    | 22.766 | ng    | 98       |
| 10) Phenol                    | 6.575  | 94   | 155090   | 20.523 | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 6.675  | 93   | 121874   | 19.529 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 6.887  | 146  | 143742   | 21.467 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.963  | 146  | 145230   | 21.456 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.116  | 146  | 137562   | 21.262 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.081  | 79   | 135527   | 20.513 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.216  | 45   | 178773   | 18.148 | ng    | 93       |
| 17) 2-Methylphenol            | 7.187  | 107  | 102966   | 20.200 | ng    | 94       |
| 18) Hexachloroethane          | 7.457  | 117  | 56330    | 21.810 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 100608   | 20.583 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.340  | 107  | 137610   | 21.185 | ng    | # 68     |
| 22) Acetophenone              | 7.351  | 105  | 187807   | 20.835 | ng    | # 86     |
| 24) Nitrobenzene              | 7.528  | 77   | 155952   | 21.381 | ng    | 96       |
| 25) Isophorone                | 7.763  | 82   | 259578   | 19.770 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.840  | 139  | 63184    | 24.104 | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 7.869  | 122  | 99113    | 19.312 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 7.969  | 93   | 156975   | 19.390 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.081  | 162  | 115734   | 20.934 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.163  | 180  | 135403   | 21.280 | ng    | 98       |
| 31) Naphthalene               | 8.251  | 128  | 361730   | 20.579 | ng    | 99       |
| 32) Benzoic acid              | 7.969  | 122  | 69721    | 18.725 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.298  | 127  | 141109   | 20.384 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.363  | 225  | 101028   | 23.082 | ng    | 96       |
| 35) Caprolactam               | 8.657  | 113  | 30699m   | 18.788 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.769  | 107  | 123759   | 21.352 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.940  | 142  | 249734   | 21.242 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.039  | 142  | 237970   | 20.971 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.104  | 216  | 142204   | 22.044 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.087  | 237  | 89573    | 23.051 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.216  | 196  | 90809    | 20.735 | ng    | 97       |

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Manual Integrations  
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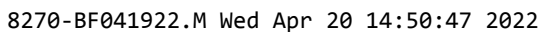
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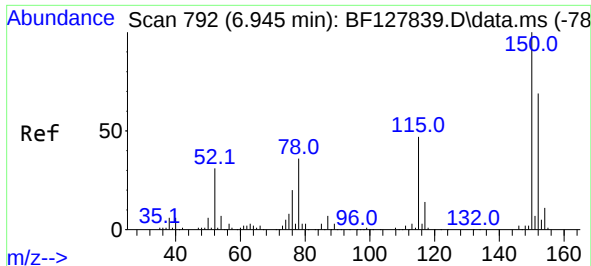
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.251  | 196  | 95361    | 21.578 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.404  | 154  | 313374   | 20.834 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.434  | 162  | 248753   | 20.810 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.528  | 65   | 87157    | 23.477 | ng    | 98       |
| 49) Acenaphthylene            | 9.851  | 152  | 376432   | 20.704 | ng    | 99       |
| 50) Dimethylphthalate         | 9.704  | 163  | 299963   | 21.041 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.769  | 165  | 58458    | 21.754 | ng    | 96       |
| 52) Acenaphthene              | 10.022 | 154  | 245379   | 21.421 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.939  | 138  | 59920    | 21.107 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.039 | 184  | 34428    | 29.534 | ng    | # 79     |
| 55) Dibenzofuran              | 10.192 | 168  | 352720   | 21.101 | ng    | 93       |
| 56) 4-Nitrophenol             | 10.086 | 139  | 47158    | 21.149 | ng    | # 79     |
| 57) 2,4-Dinitrotoluene        | 10.169 | 165  | 80329    | 24.111 | ng    | 94       |
| 58) Fluorene                  | 10.539 | 166  | 274189   | 22.200 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.310 | 232  | 83057    | 21.568 | ng    | 96       |
| 60) Diethylphthalate          | 10.404 | 149  | 289728   | 21.237 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.528 | 204  | 150907   | 22.238 | ng    | 92       |
| 62) 4-Nitroaniline            | 10.551 | 138  | 61105    | 22.854 | ng    | # 75     |
| 63) Azobenzene                | 10.686 | 77   | 309155   | 20.280 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.581 | 198  | 47446    | 27.609 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.645 | 169  | 230685   | 20.587 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248  | 96865    | 22.433 | ng    | 93       |
| 68) Hexachlorobenzene         | 11.086 | 284  | 102808   | 21.780 | ng    | 98       |
| 69) Atrazine                  | 11.169 | 200  | 81104    | 21.785 | ng    | 96       |
| 70) Pentachlorophenol         | 11.281 | 266  | 59018    | 20.934 | ng    | 99       |
| 71) Phenanthrene              | 11.504 | 178  | 394638   | 20.935 | ng    | 100      |
| 72) Anthracene                | 11.557 | 178  | 398703   | 21.382 | ng    | 99       |
| 73) Carbazole                 | 11.710 | 167  | 364156   | 20.842 | ng    | 98       |
| 74) Di-n-butylphthalate       | 12.033 | 149  | 451683   | 21.625 | ng    | 98       |
| 75) Fluoranthene              | 12.698 | 202  | 449060   | 21.830 | ng    | 97       |
| 77) Benzidine                 | 12.816 | 184  | 150106   | 20.931 | ng    | 99       |
| 78) Pyrene                    | 12.927 | 202  | 445723   | 19.210 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.539 | 149  | 180365   | 20.878 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.116 | 228  | 381964   | 20.814 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.080 | 252  | 125016   | 21.852 | ng    | # 98     |
| 83) Chrysene                  | 14.157 | 228  | 355450   | 20.178 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149  | 241108   | 19.800 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.716 | 149  | 350673   | 19.695 | ng    | 94       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.192 | 276  | 257715   | 20.247 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.192 | 252  | 269025   | 20.528 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 283170   | 21.786 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.574 | 252  | 219617   | 20.617 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.210 | 278  | 214827   | 20.831 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.662 | 276  | 210875   | 19.945 | ng    | 97       |

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

## Manual Integrations

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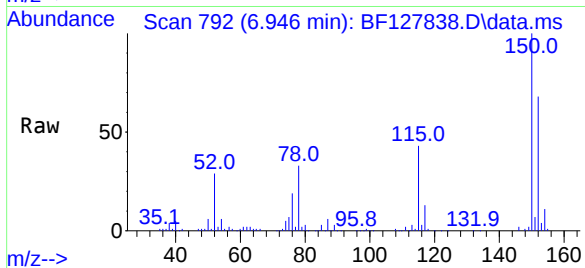
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.946 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
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SSTDICC020

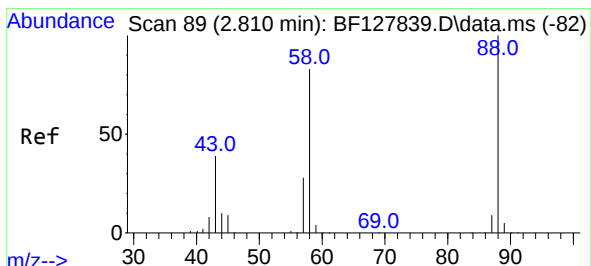
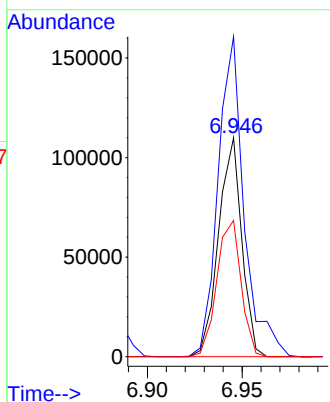
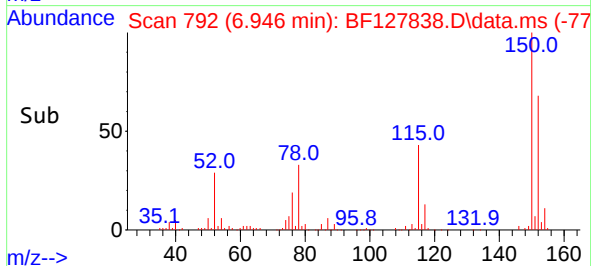


Tgt Ion:152 Resp: 9386  
Ion Ratio Lower Upper  
152 100  
150 146.2 117.2 175.8  
115 62.2 49.8 74.6

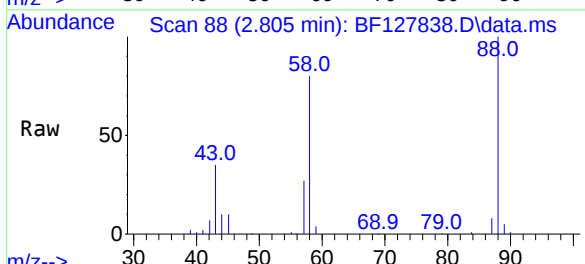
Manual Integrations

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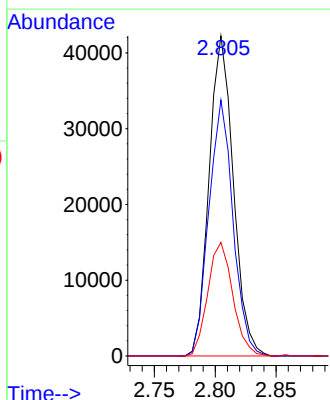
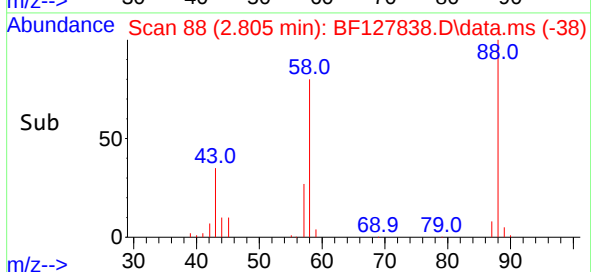
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

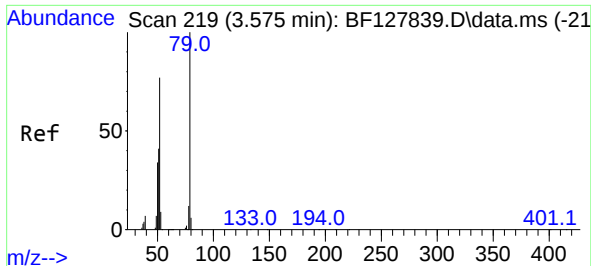


#2  
1,4-Dioxane  
Concen: 21.360 ng  
RT: 2.805 min Scan# 88  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



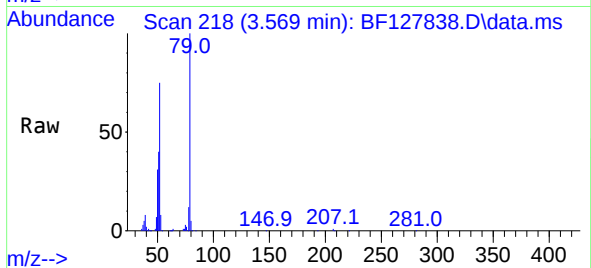
Tgt Ion: 88 Resp: 58527  
Ion Ratio Lower Upper  
88 100  
58 79.5 77.0 115.4  
43 36.7 31.3 46.9





#3  
Pyridine  
Concen: 23.699 ng  
RT: 3.569 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

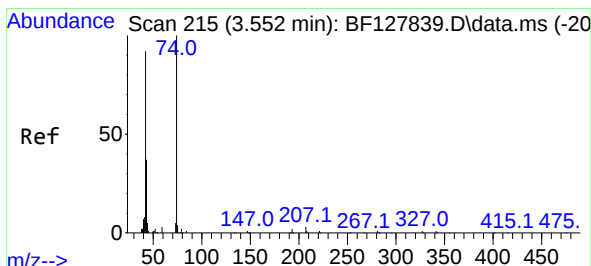
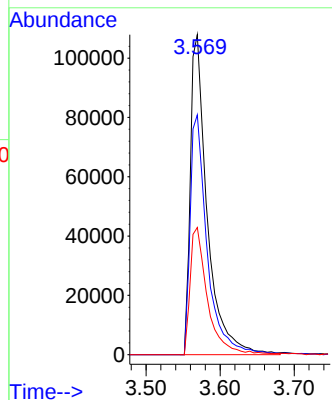
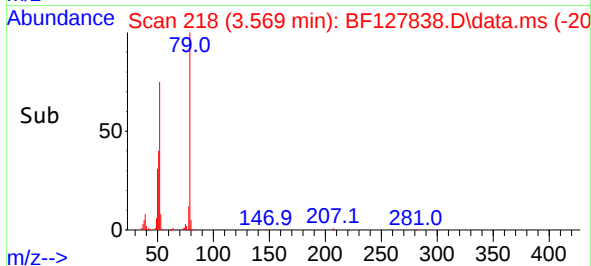
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 79 Resp: 171034  
Ion Ratio Lower Upper  
79 100  
52 75.0 74.2 111.4  
51 39.7 36.7 55.1

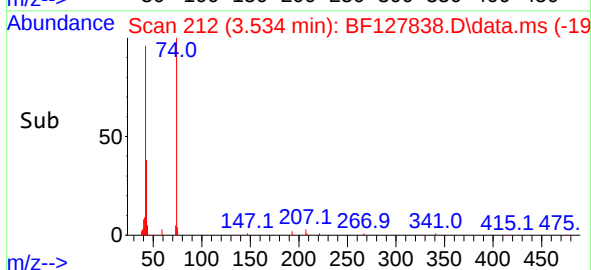
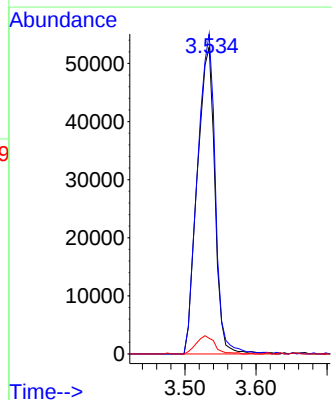
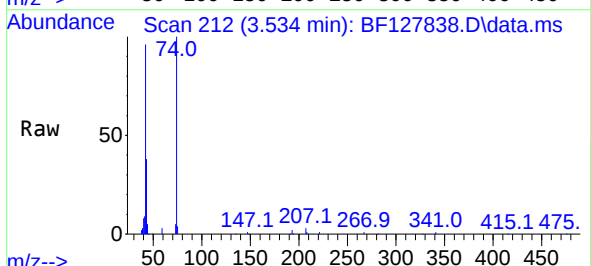
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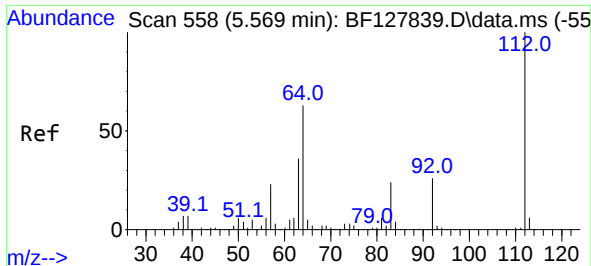
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#4  
n-Nitrosodimethylamine  
Concen: 23.461 ng  
RT: 3.534 min Scan# 212  
Delta R.T. -0.018 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion: 42 Resp: 91055  
Ion Ratio Lower Upper  
42 100  
74 104.3 92.4 138.6  
44 5.1 6.0 9.0#





#5  
2-Fluorophenol  
Concen: 52.705 ng  
RT: 5.563 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

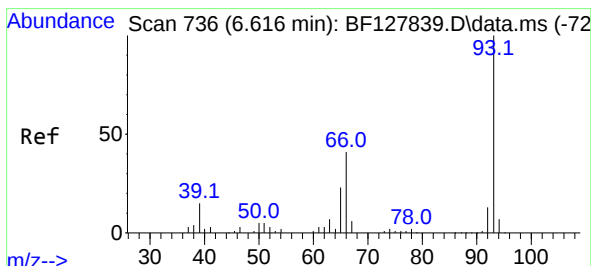
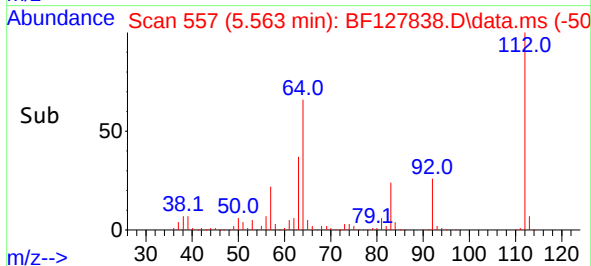
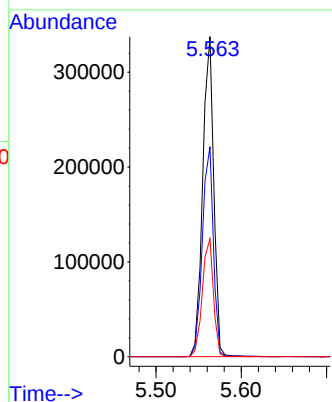
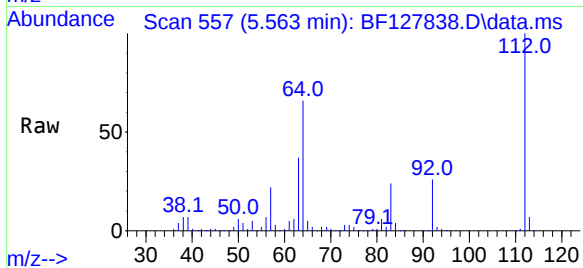
SSTDICC020

Tgt Ion:112 Resp: 304460  
Ion Ratio Lower Upper  
112 100  
64 65.6 58.4 87.6  
63 36.8 30.1 45.1

Manual Integrations

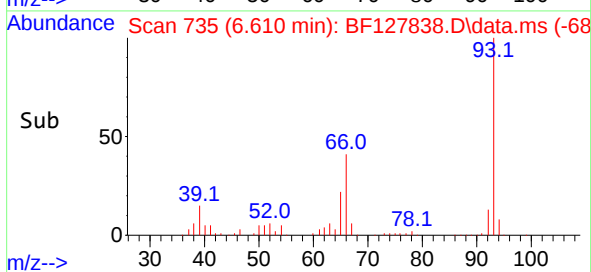
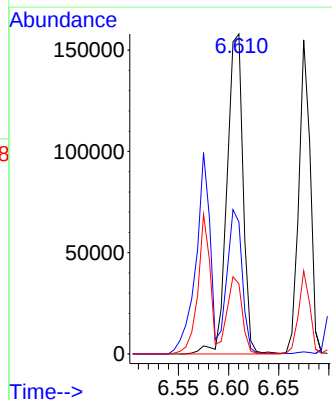
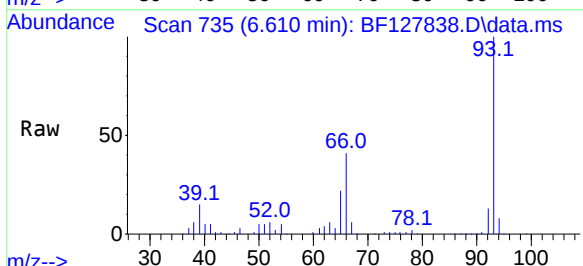
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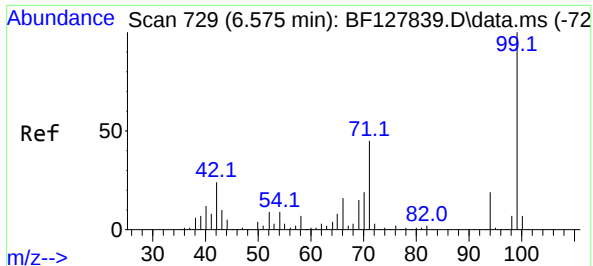
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#6  
Aniline  
Concen: 19.489 ng  
RT: 6.610 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

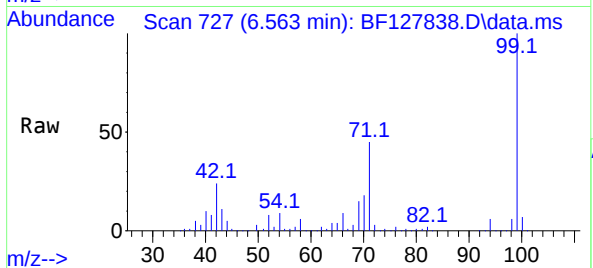
Tgt Ion: 93 Resp: 175660  
Ion Ratio Lower Upper  
93 100  
66 41.3 36.2 54.4  
65 21.9 18.4 27.6





#7  
Phenol-d6  
Concen: 40.721 ng  
RT: 6.563 min Scan# 712  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

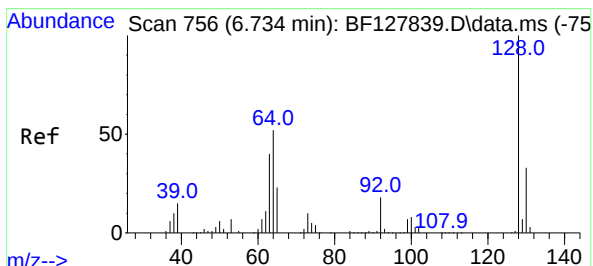
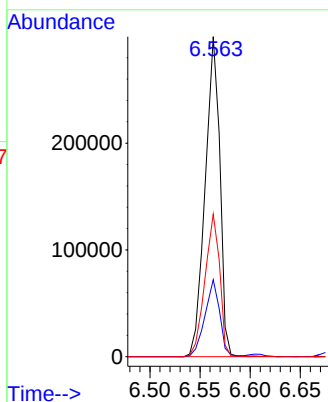
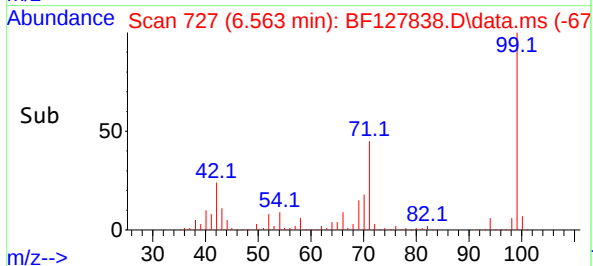
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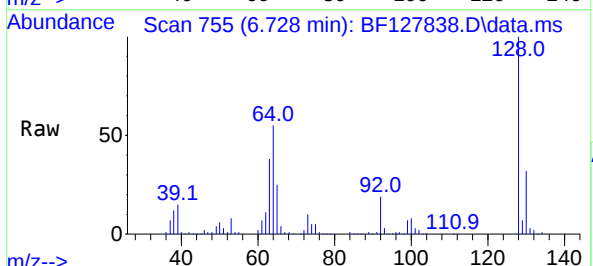
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Ion Ratio Lower Upper  
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71 44.5 29.6 44.4

Manual Integrations  
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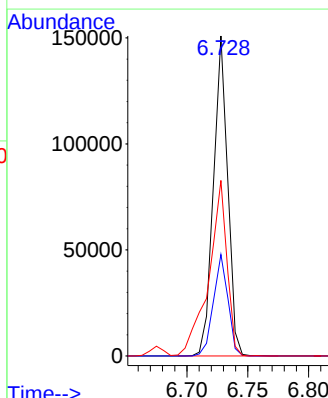
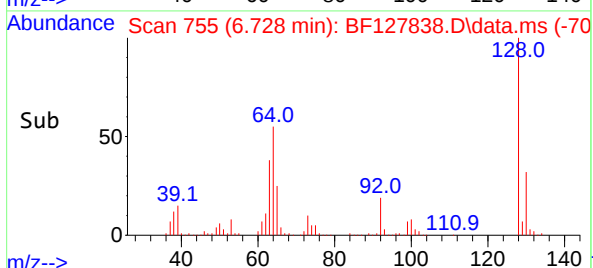
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

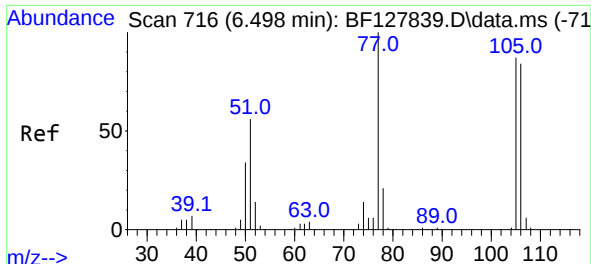


#8  
2-Chlorophenol  
Concen: 21.039 ng  
RT: 6.728 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:128 Resp: 123291  
Ion Ratio Lower Upper  
128 100  
130 31.7 11.3 51.3  
64 54.8 38.4 78.4





#9  
Benzaldehyde  
Concen: 22.766 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

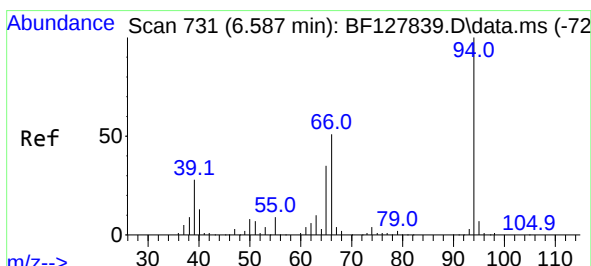
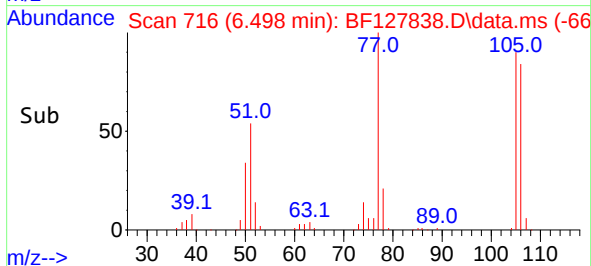
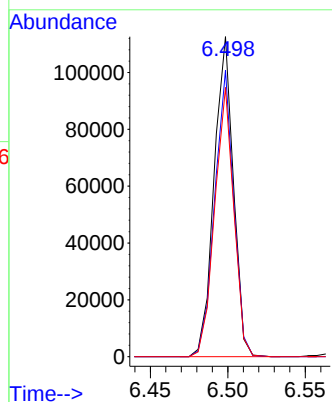
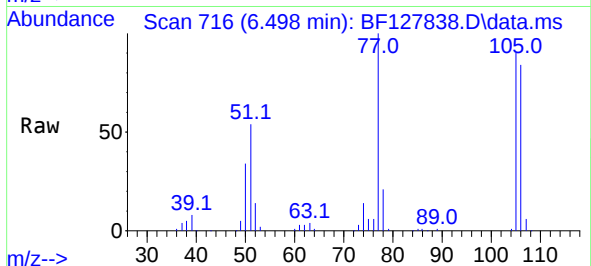
SSTDICC020

Tgt Ion: 77 Resp: 9723  
Ion Ratio Lower Upper  
77 100  
105 89.5 66.8 106.8  
106 84.1 64.3 104.3

Manual Integrations

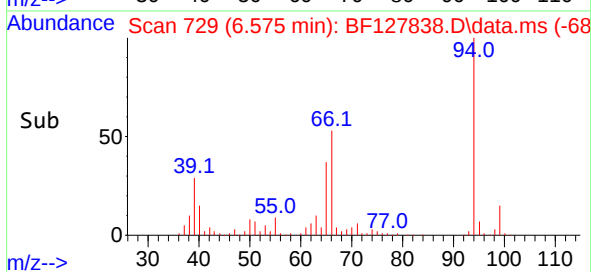
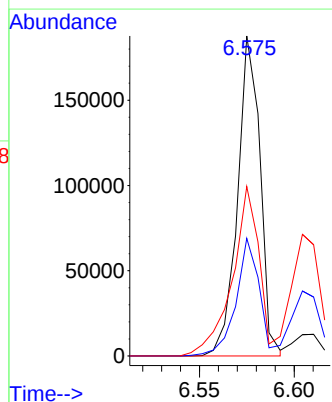
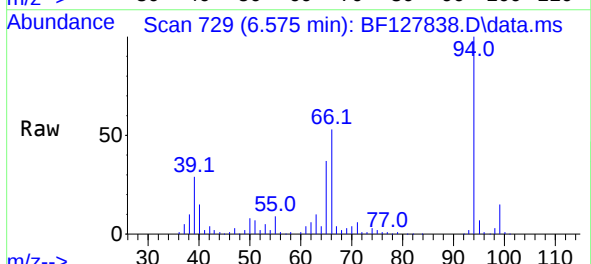
APPROVED

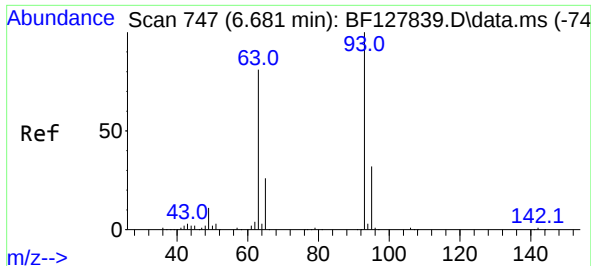
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#10  
Phenol  
Concen: 20.523 ng  
RT: 6.575 min Scan# 729  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

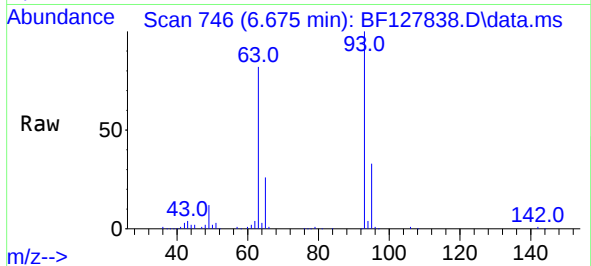
Tgt Ion: 94 Resp: 155090  
Ion Ratio Lower Upper  
94 100  
65 36.8 13.1 53.1  
66 53.0 24.9 64.9





#11  
bis(2-Chloroethyl)ether  
Concen: 19.529 ng  
RT: 6.675 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

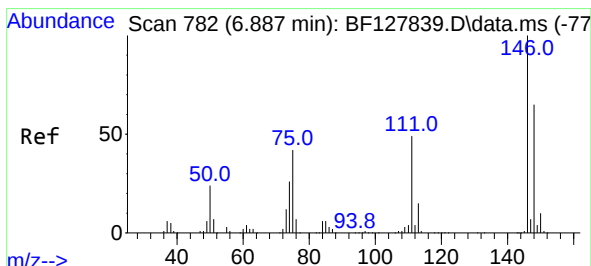
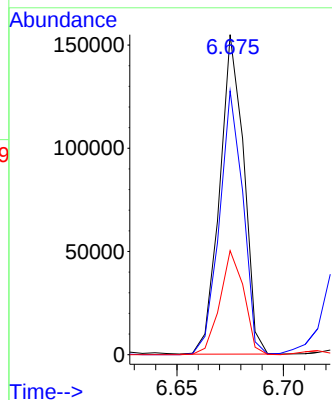
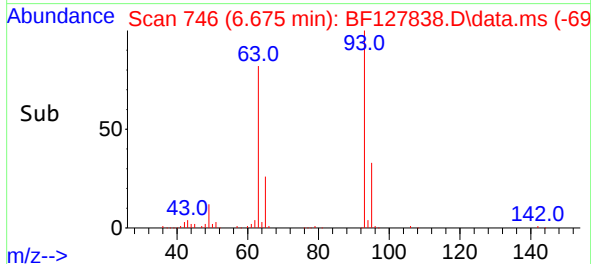
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



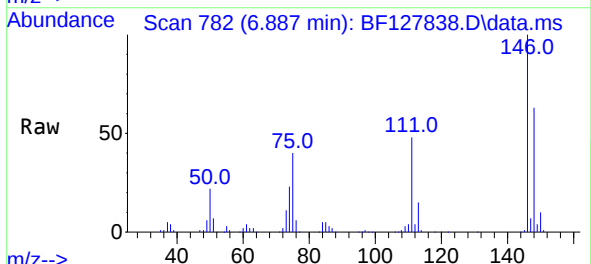
Tgt Ion: 93 Resp: 121874  
Ion Ratio Lower Upper  
93 100  
63 82.4 69.6 109.6  
95 32.5 11.6 51.6

Manual Integrations  
APPROVED

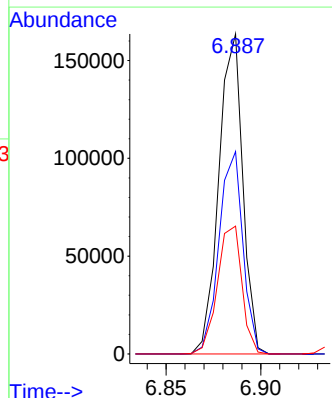
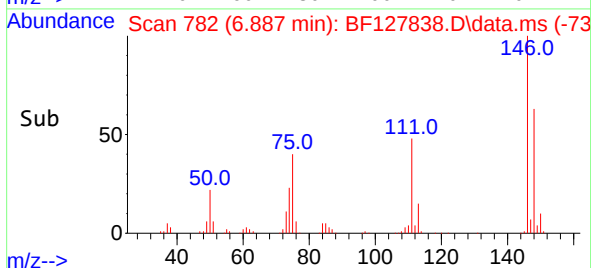
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

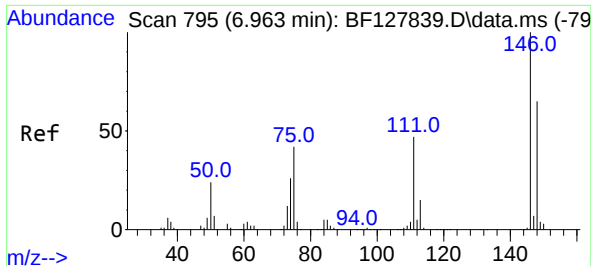


#12  
1,3-Dichlorobenzene  
Concen: 21.467 ng  
RT: 6.887 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



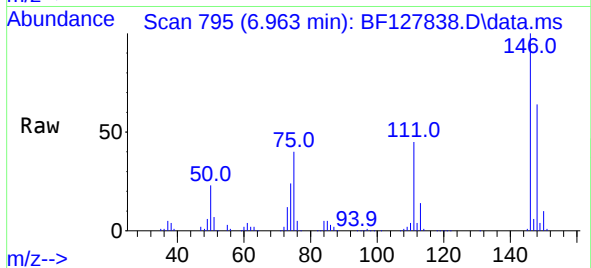
Tgt Ion:146 Resp: 143742  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.6 76.0  
75 39.9 32.4 48.6





#13  
1,4-Dichlorobenzene  
Concen: 21.456 ng  
RT: 6.963 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

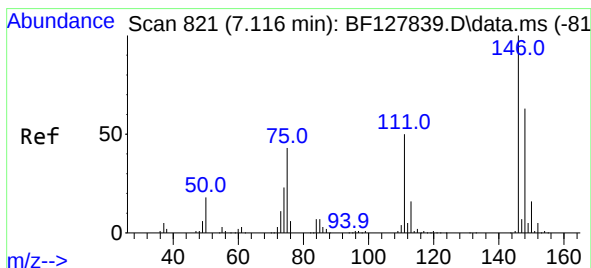
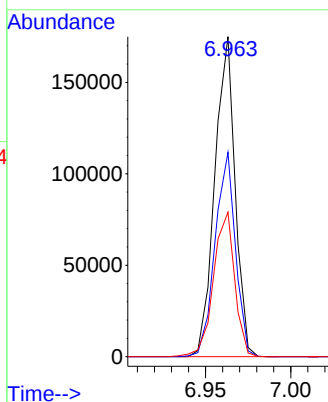
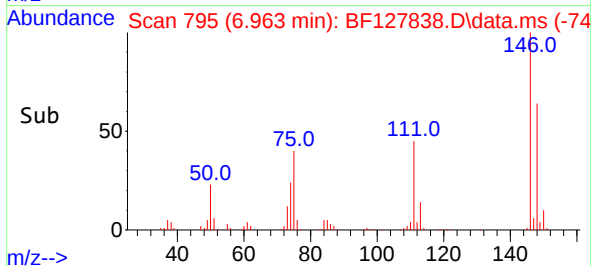
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



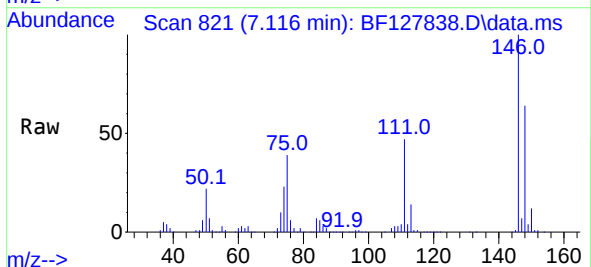
Tgt Ion:146 Resp: 145230  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.3 76.9  
111 45.2 34.2 51.4

Manual Integrations  
APPROVED

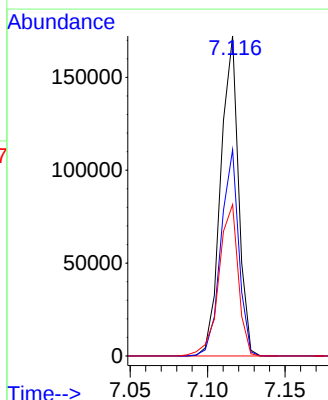
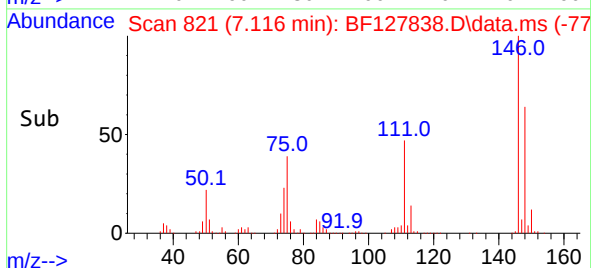
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

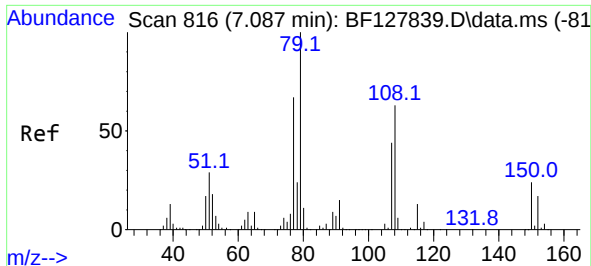


#14  
1,2-Dichlorobenzene  
Concen: 21.262 ng  
RT: 7.116 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:146 Resp: 137562  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.2  
111 47.3 36.4 54.6





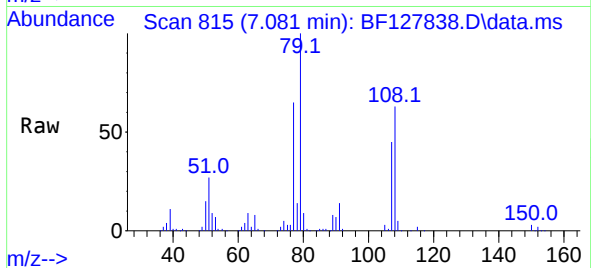
#15  
Benzyl Alcohol  
Concen: 20.513 ng  
RT: 7.081 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

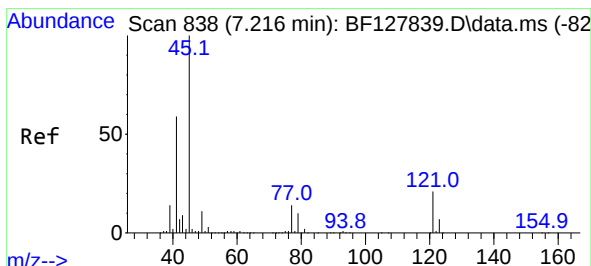
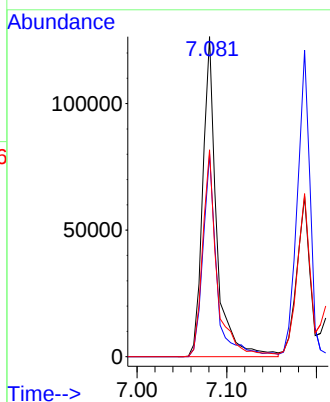
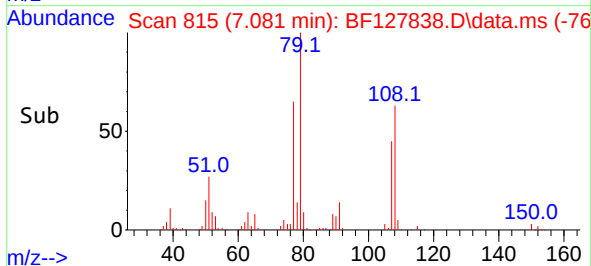


Tgt Ion: 79 Resp: 135527  
Ion Ratio Lower Upper  
79 100  
108 63.3 52.2 78.2  
77 64.7 48.3 72.5

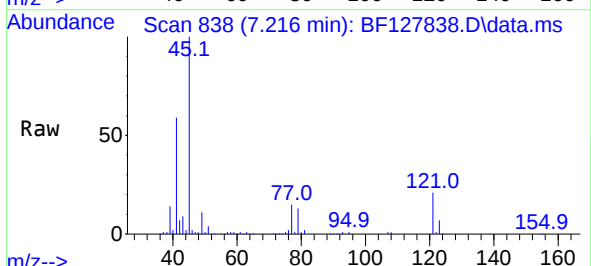
Manual Integrations

APPROVED

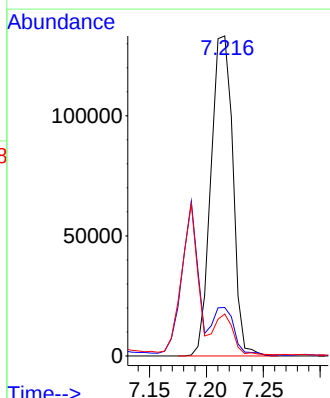
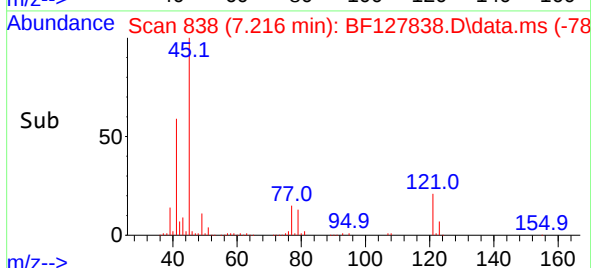
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

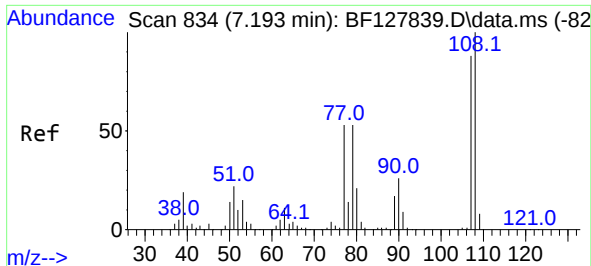


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 18.148 ng  
RT: 7.216 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion: 45 Resp: 178773  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 32.9  
79 13.1 0.0 29.9





#17  
2-Methylphenol  
Concen: 20.200 ng  
RT: 7.187 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

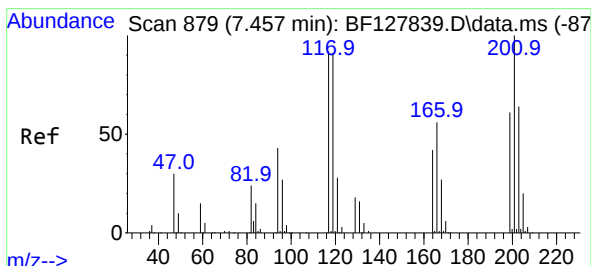
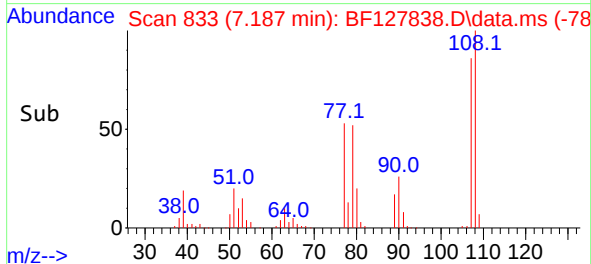
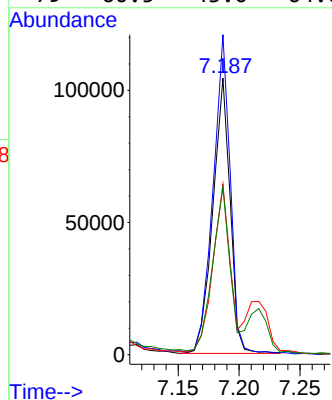
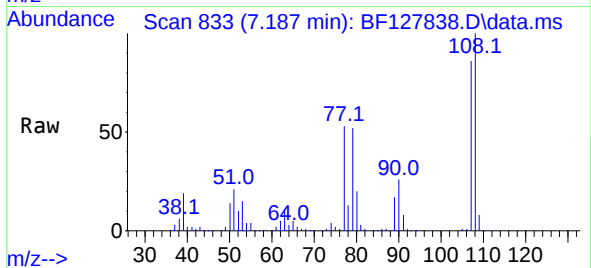
SSTDICC020

Tgt Ion:107 Resp: 102960  
Ion Ratio Lower Upper  
107 100  
108 115.7 90.7 136.1  
77 61.6 42.9 64.3  
79 60.5 43.0 64.6

Manual Integrations

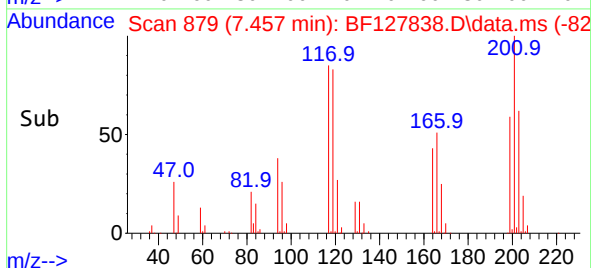
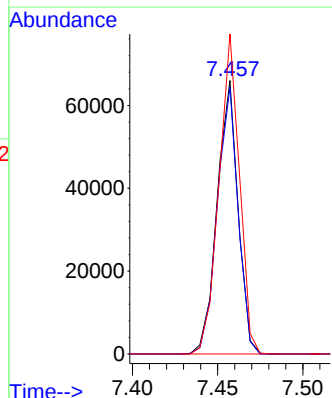
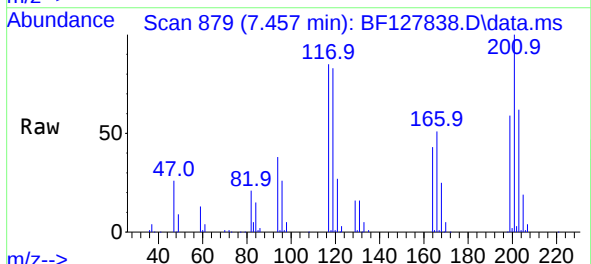
APPROVED

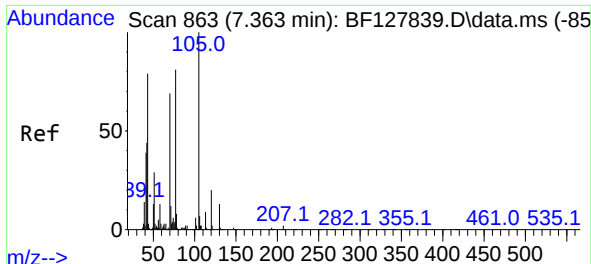
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#18  
Hexachloroethane  
Concen: 21.810 ng  
RT: 7.457 min Scan# 879  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

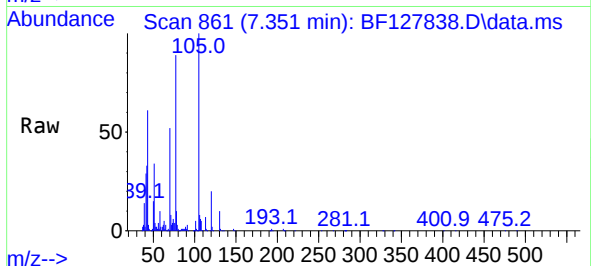
Tgt Ion:117 Resp: 56330  
Ion Ratio Lower Upper  
117 100  
119 97.6 77.6 116.4  
201 117.0 88.2 132.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 20.583 ng  
RT: 7.351 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

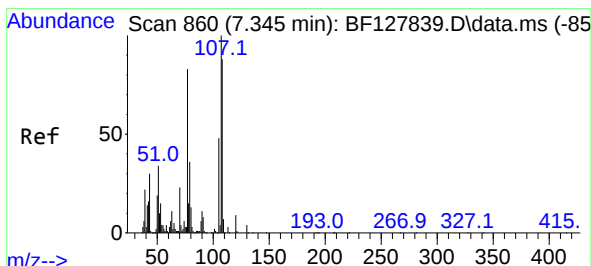
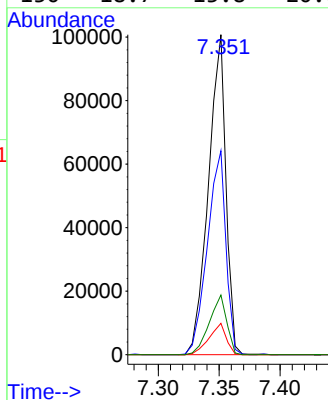
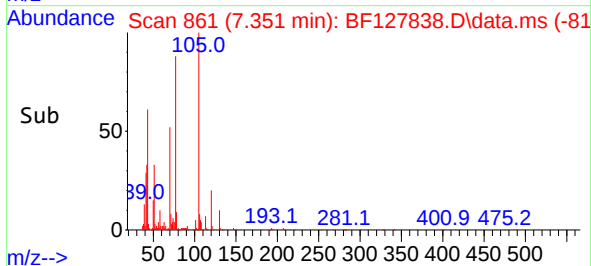
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



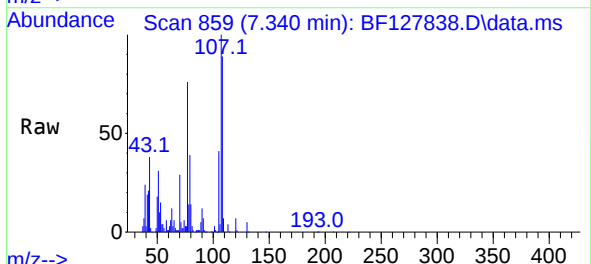
Tgt Ion: 70 Resp: 100608  
Ion Ratio Lower Upper  
70 100  
42 63.7 53.0 79.6  
101 9.8 6.8 10.2  
130 18.7 13.8 20.6

Manual Integrations  
APPROVED

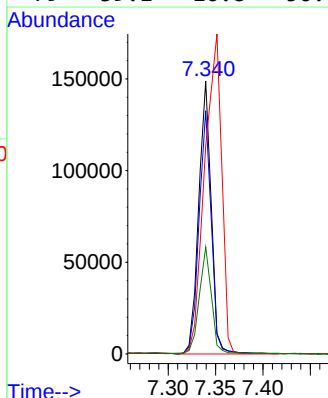
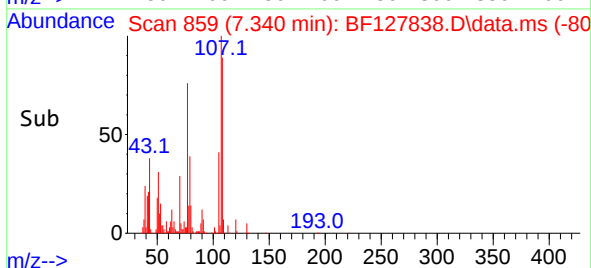
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

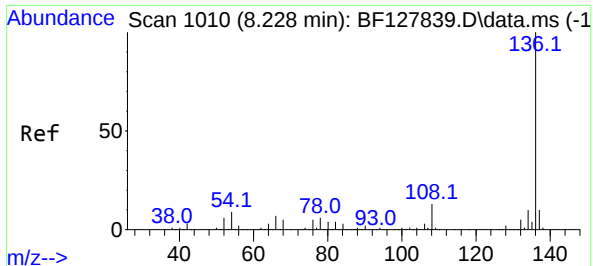


#20  
3+4-Methylphenols  
Concen: 21.185 ng  
RT: 7.340 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:107 Resp: 137610  
Ion Ratio Lower Upper  
107 100  
108 89.1 70.7 110.7  
77 76.3 127.9 167.9#  
79 39.1 16.8 56.8





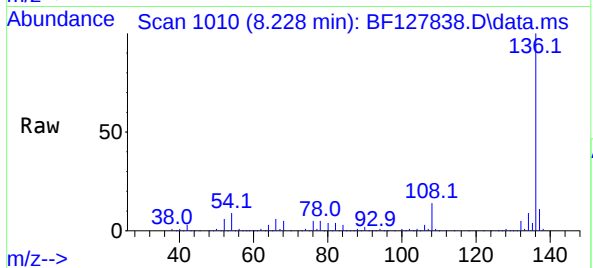
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

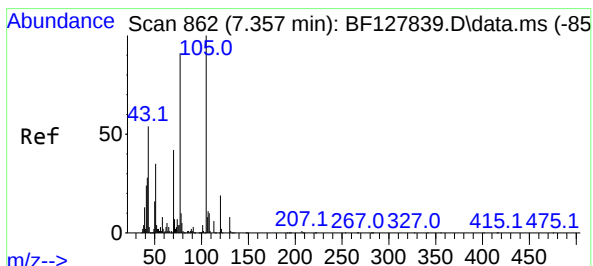
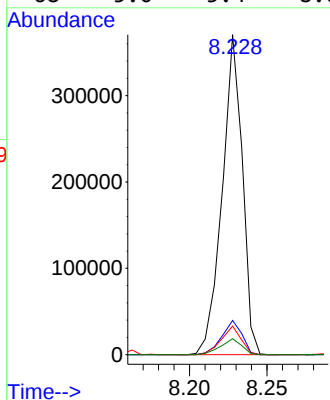
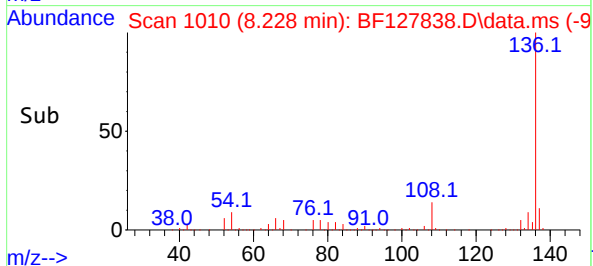


Tgt Ion:136 Resp: 33545  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.9 9.2 13.8  
68 5.0 5.4 8.0#

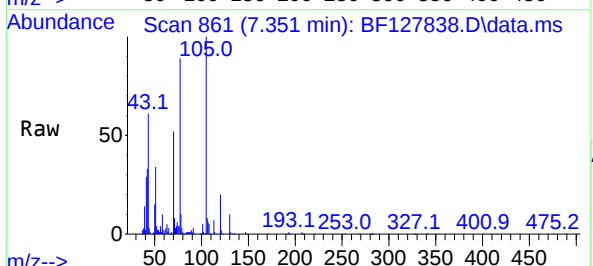
Manual Integrations

APPROVED

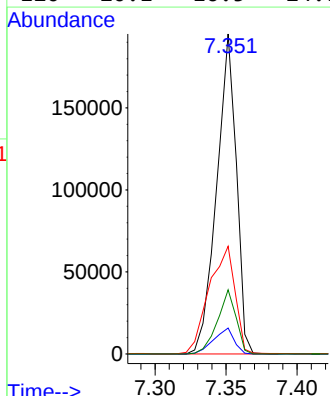
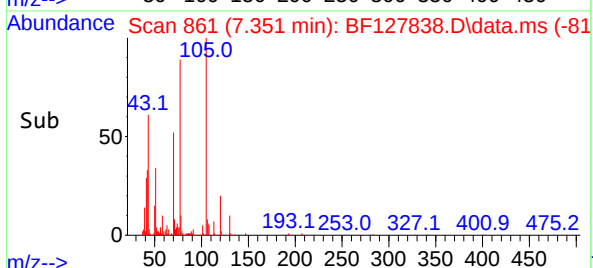
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

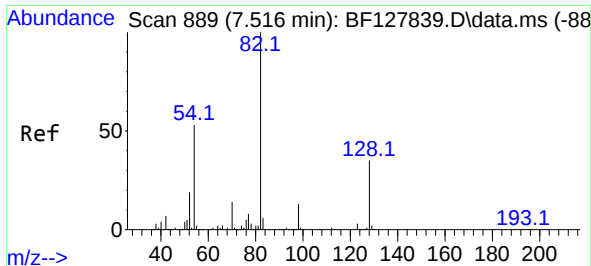


#22  
Acetophenone  
Concen: 20.835 ng  
RT: 7.351 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:105 Resp: 187807  
Ion Ratio Lower Upper  
105 100  
71 8.1 7.3 10.9  
51 33.6 38.8 58.2#  
120 20.1 16.5 24.7





#23  
Nitrobenzene-d5  
Concen: 44.266 ng  
RT: 7.510 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

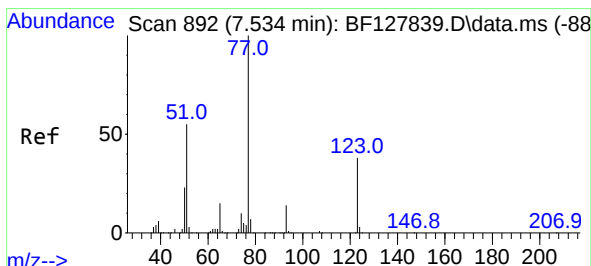
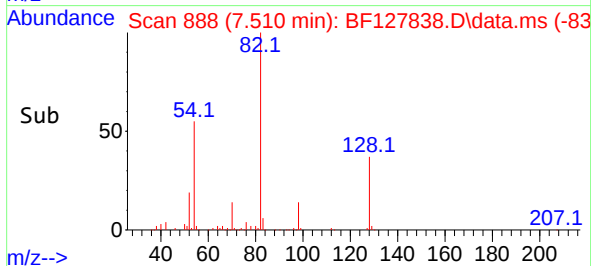
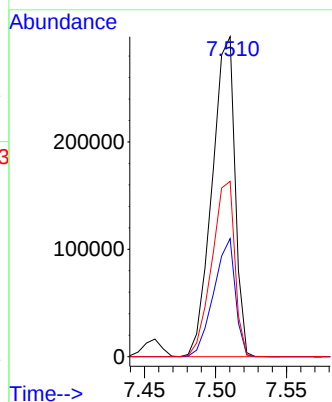
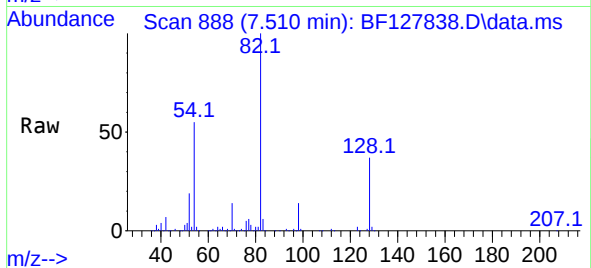
SSTDICC020

Tgt Ion: 82 Resp: 33307  
Ion Ratio Lower Upper  
82 100  
128 36.9 30.6 45.8  
54 54.8 48.2 72.2

Manual Integrations

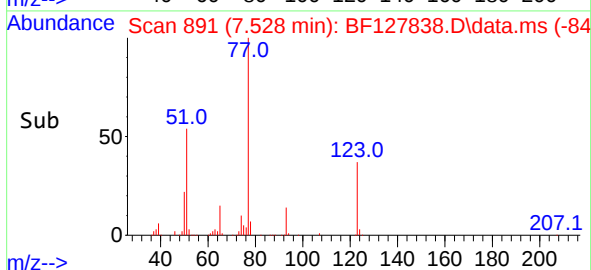
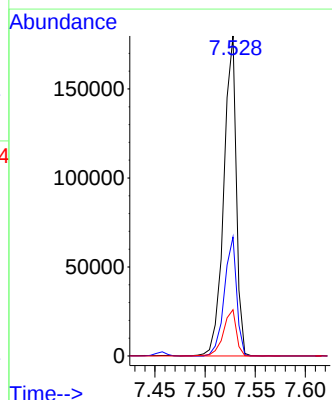
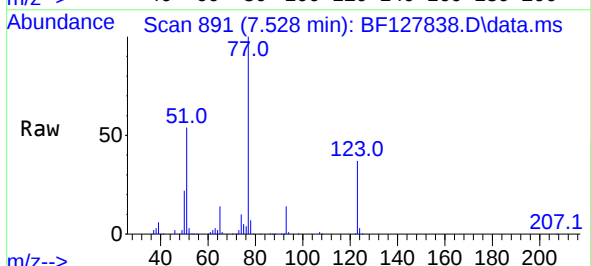
APPROVED

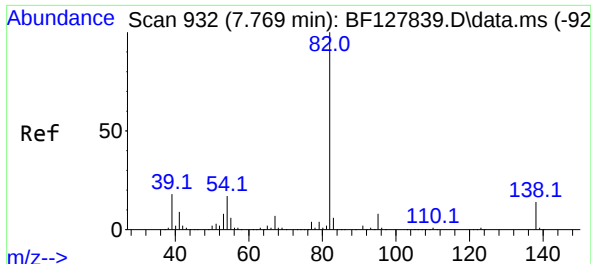
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#24  
Nitrobenzene  
Concen: 21.381 ng  
RT: 7.528 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion: 77 Resp: 155952  
Ion Ratio Lower Upper  
77 100  
123 37.2 32.0 48.0  
65 14.5 12.2 18.2





#25  
Isophorone  
Concen: 19.770 ng  
RT: 7.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

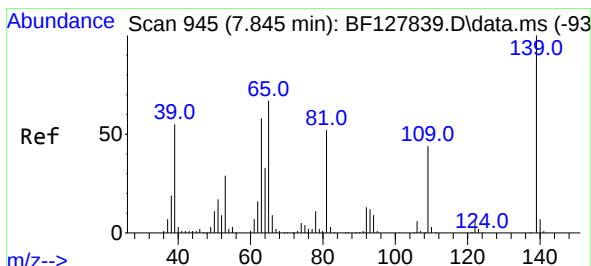
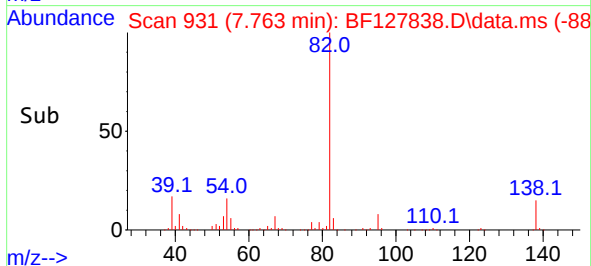
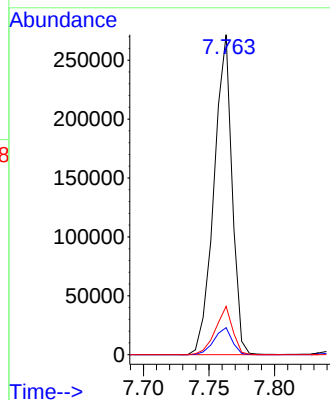
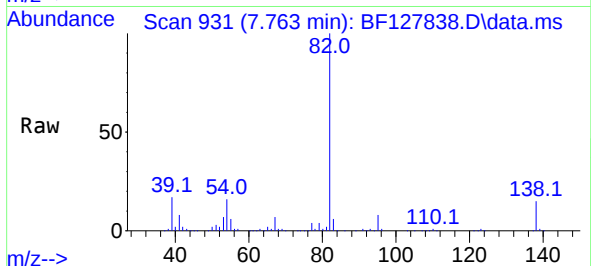
SSTDICC020

Tgt Ion: 82 Resp: 259578  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.8  
138 15.1 11.6 17.4

Manual Integrations

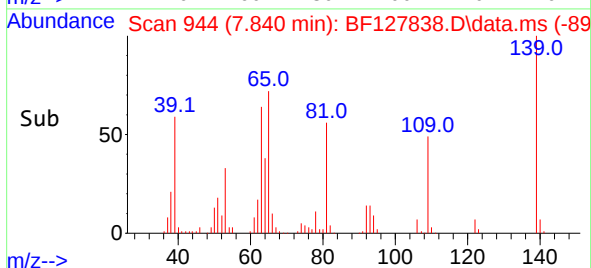
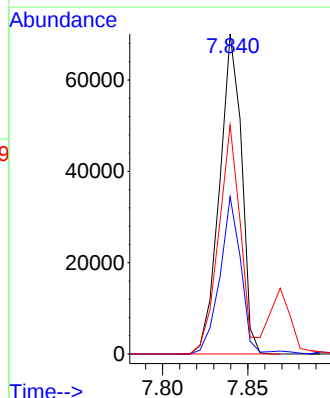
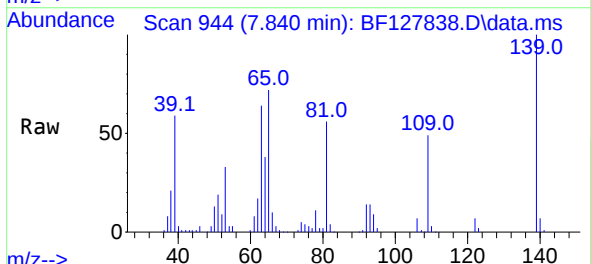
APPROVED

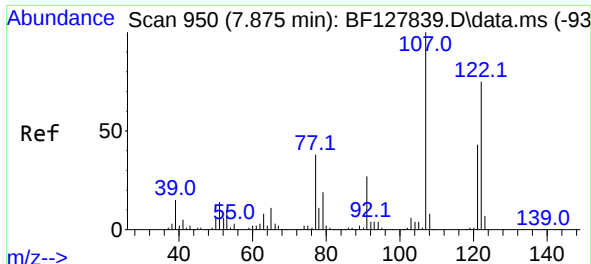
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#26  
2-Nitrophenol  
Concen: 24.104 ng  
RT: 7.840 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:139 Resp: 63184  
Ion Ratio Lower Upper  
139 100  
109 49.2 28.2 42.2#  
65 71.5 55.3 82.9





#27  
2,4-Dimethylphenol  
Concen: 19.312 ng  
RT: 7.869 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

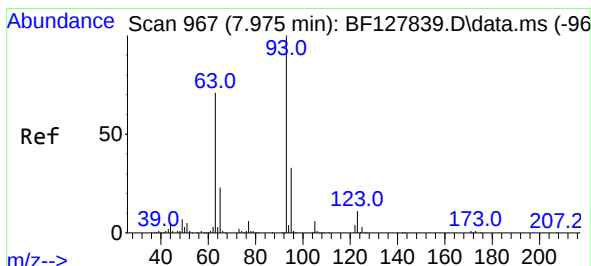
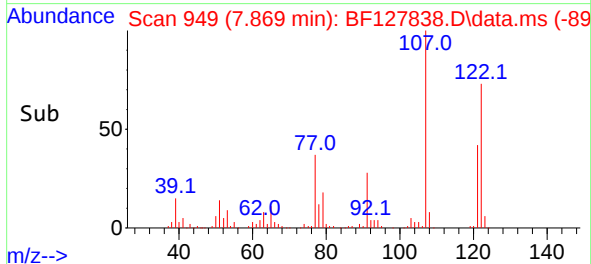
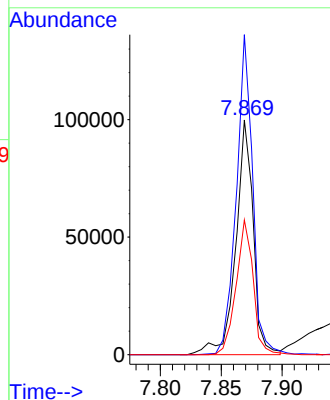
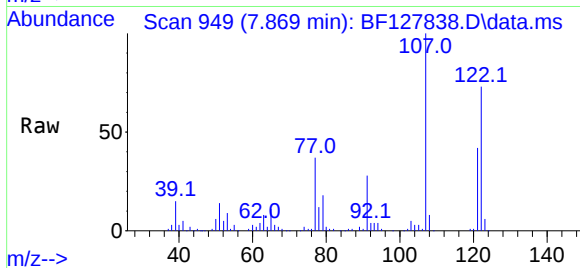
SSTDICC020

Tgt Ion:122 Resp: 9911  
Ion Ratio Lower Upper  
122 100  
107 136.3 93.0 139.4  
121 57.4 44.9 67.3

Manual Integrations

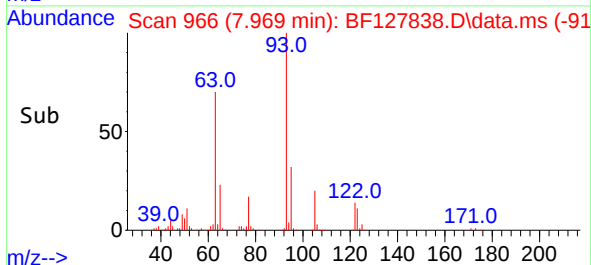
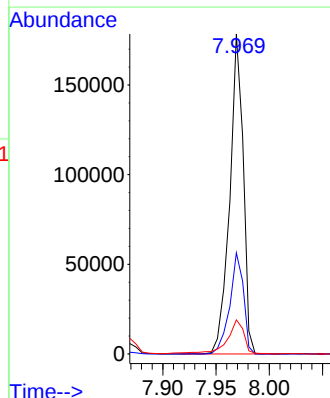
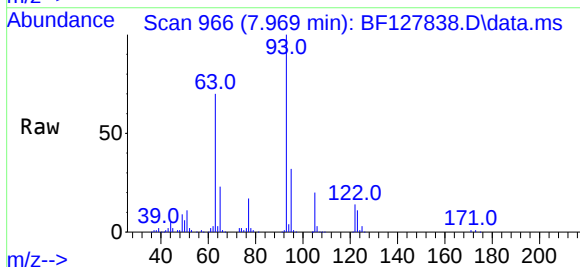
APPROVED

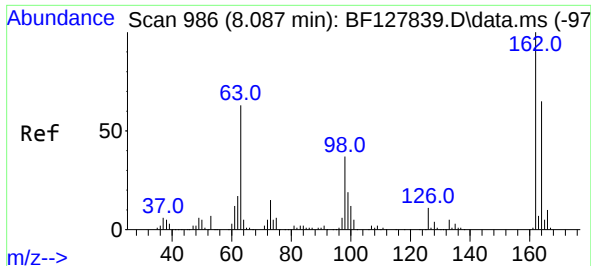
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 19.390 ng  
RT: 7.969 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion: 93 Resp: 156975  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.3 39.5  
123 10.6 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 20.934 ng

RT: 8.081 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 115734

Ion Ratio Lower Upper

162 100

164 63.3 43.7 83.7

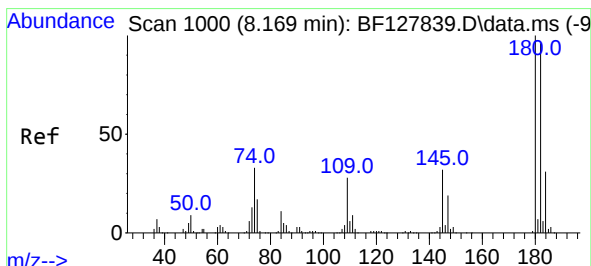
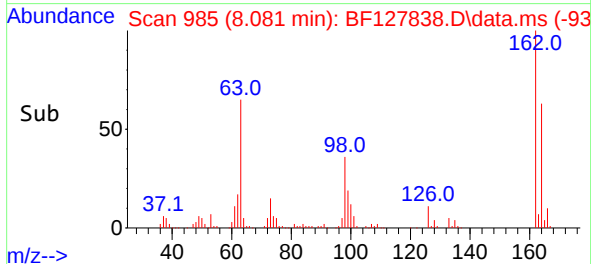
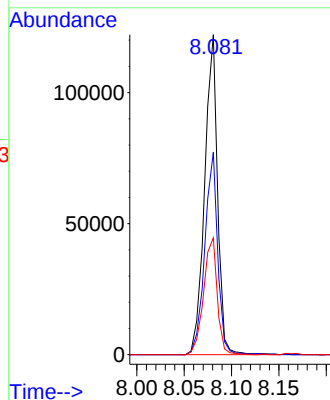
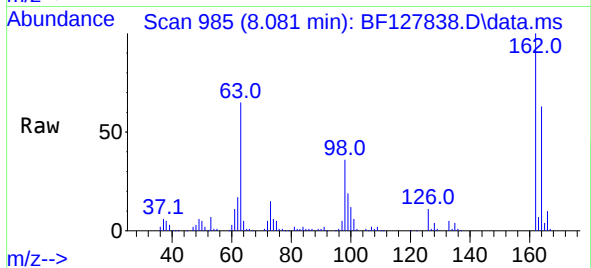
98 36.5 23.5 63.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 21.280 ng

RT: 8.163 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

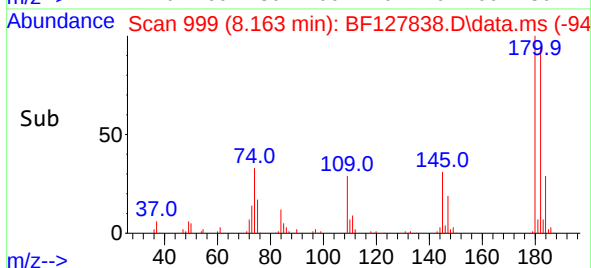
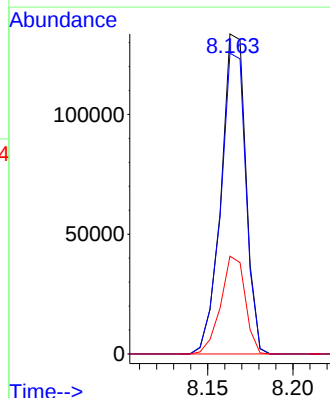
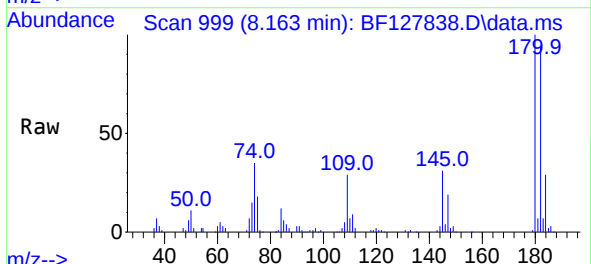
Tgt Ion:180 Resp: 135403

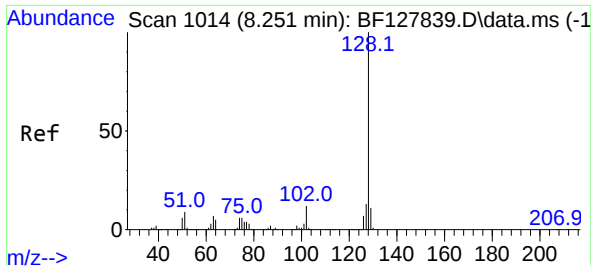
Ion Ratio Lower Upper

180 100

182 94.0 73.8 110.6

145 30.6 23.3 34.9





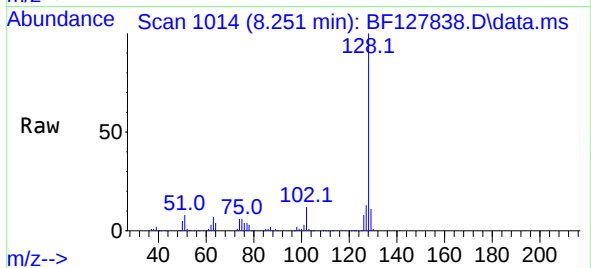
#31  
Naphthalene  
Concen: 20.579 ng  
RT: 8.251 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

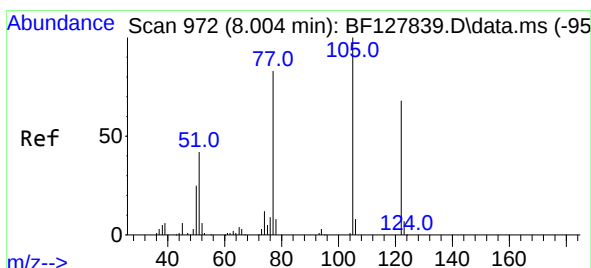
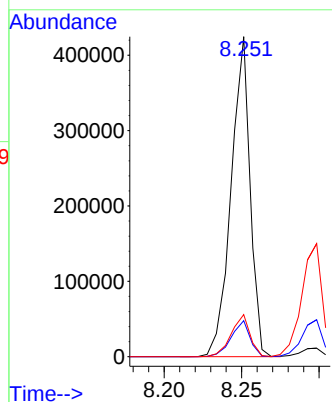
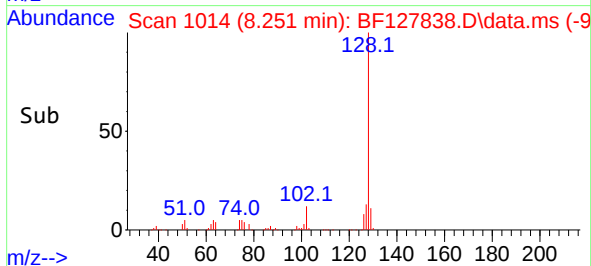


Tgt Ion:128 Resp: 361730  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.4 12.6  
127 13.1 10.2 15.2

Manual Integrations

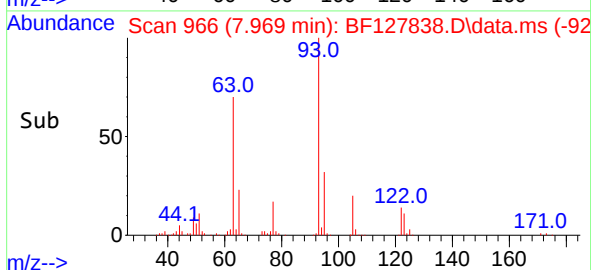
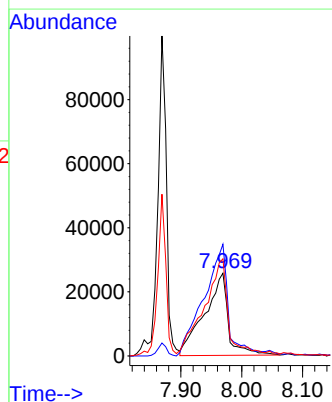
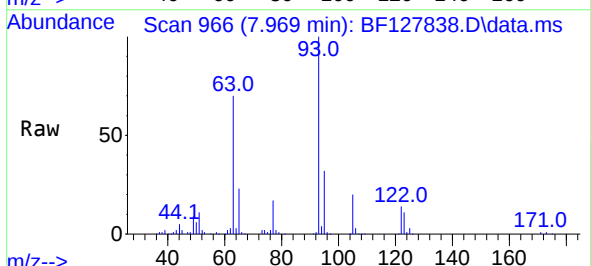
APPROVED

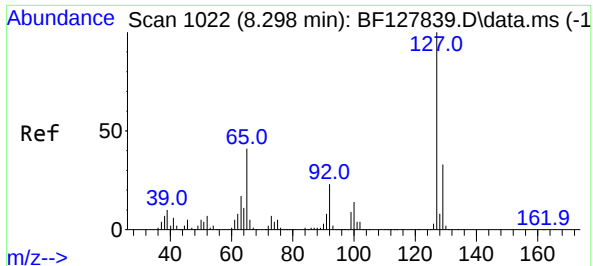
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#32  
Benzoic acid  
Concen: 18.725 ng  
RT: 7.969 min Scan# 966  
Delta R.T. -0.035 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:122 Resp: 69721  
Ion Ratio Lower Upper  
122 100  
105 135.1 117.1 157.1  
77 117.5 93.0 133.0





#33  
4-Chloroaniline  
Concen: 20.384 ng  
RT: 8.298 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

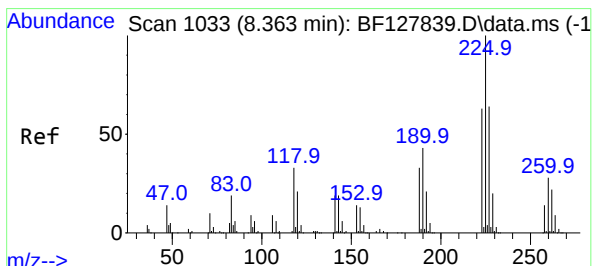
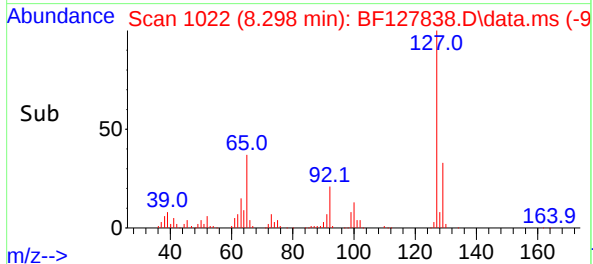
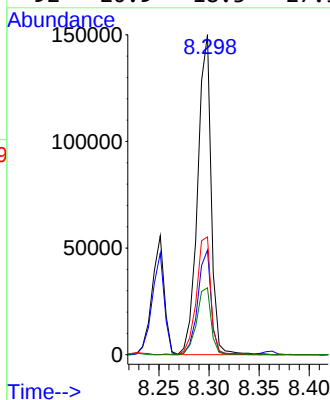
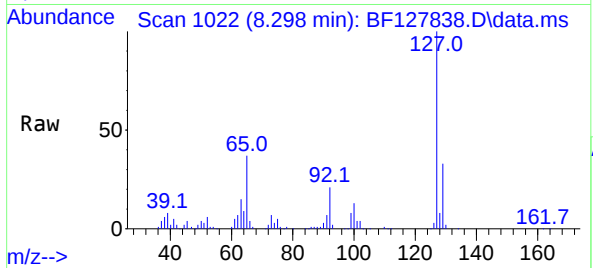
SSTDICC020

Tgt Ion:127 Resp: 141109  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.9 38.9  
65 36.8 31.4 47.0  
92 20.9 18.3 27.5

Manual Integrations

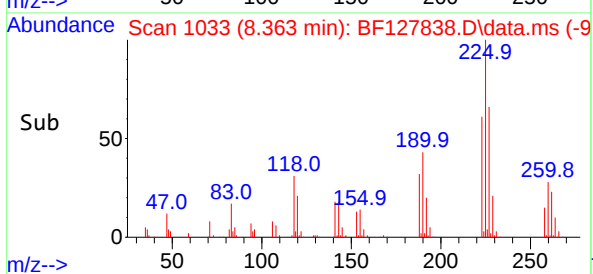
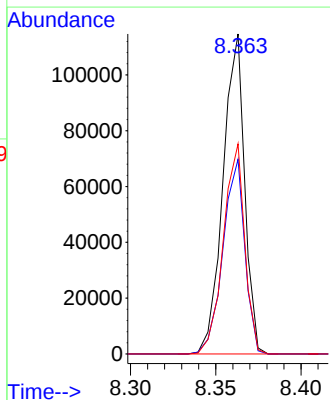
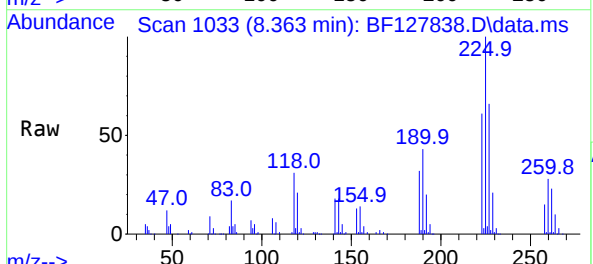
APPROVED

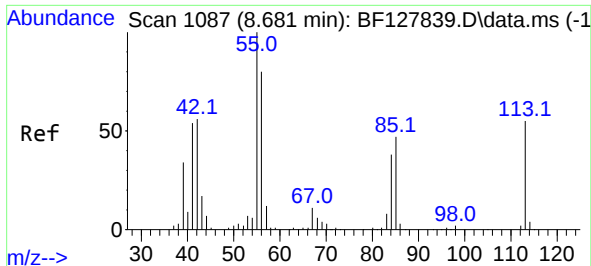
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#34  
Hexachlorobutadiene  
Concen: 23.082 ng  
RT: 8.363 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

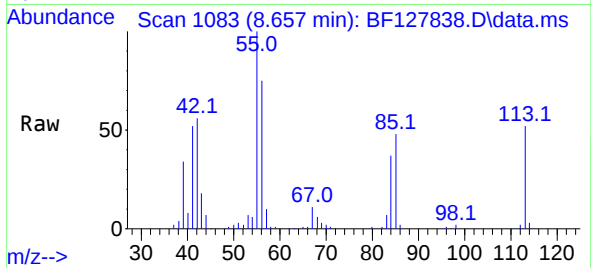
Tgt Ion:225 Resp: 101028  
Ion Ratio Lower Upper  
225 100  
223 60.9 50.6 76.0  
227 65.7 49.6 74.4





#35  
Caprolactam  
Concen: 18.788 ng m  
RT: 8.657 min Scan# 1083  
Delta R.T. -0.024 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

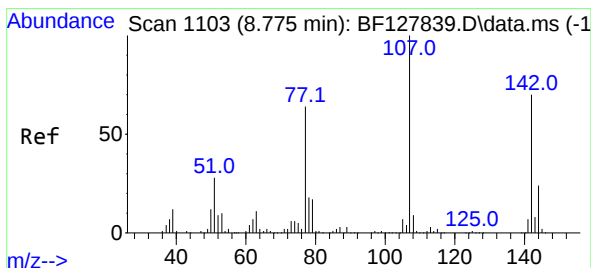
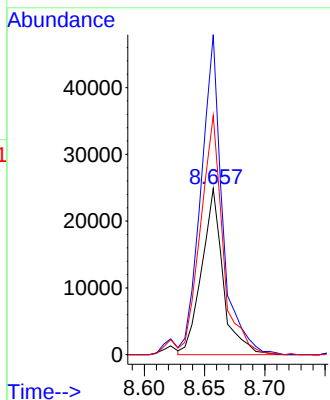
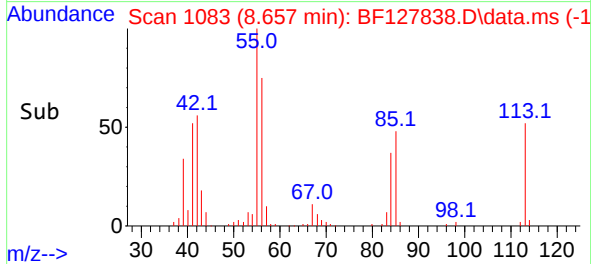
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:113 Resp: 3069  
Ion Ratio Lower Upper  
113 100  
55 192.8 218.7 258.7  
56 144.1 156.2 196.2

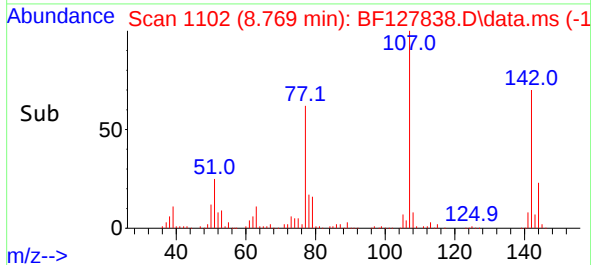
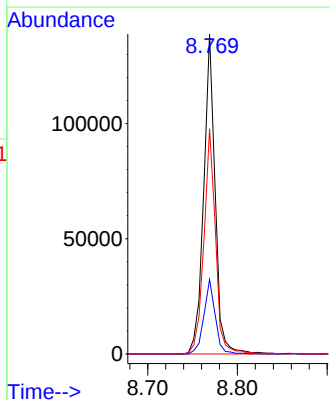
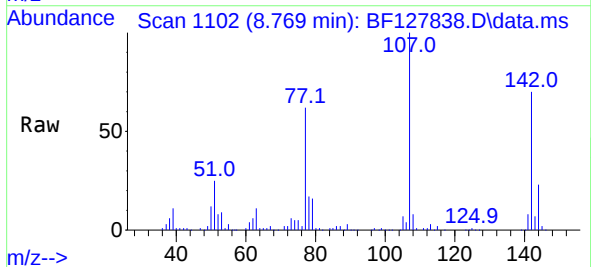
Manual Integrations  
APPROVED

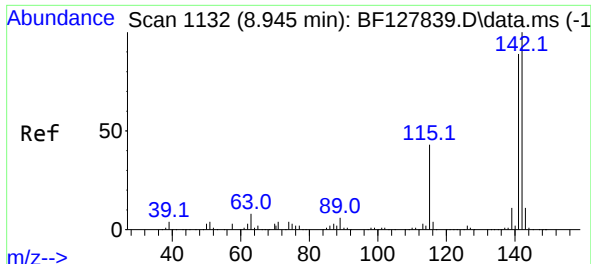
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#36  
4-Chloro-3-methylphenol  
Concen: 21.352 ng  
RT: 8.769 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:107 Resp: 123759  
Ion Ratio Lower Upper  
107 100  
144 23.3 19.3 28.9  
142 70.4 59.8 89.8





#37

2-Methylnaphthalene

Concen: 21.242 ng

RT: 8.940 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 249734

Ion Ratio Lower Upper

142 100

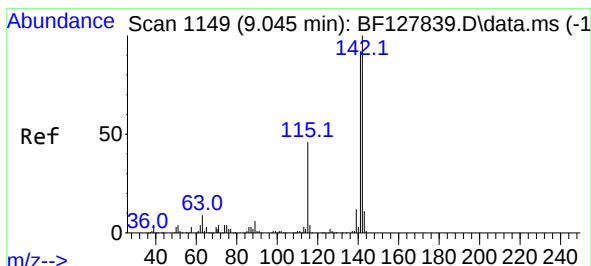
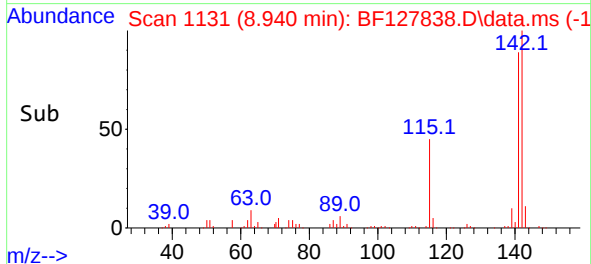
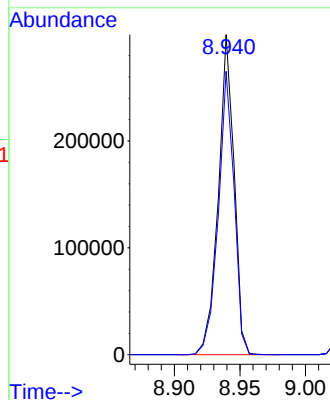
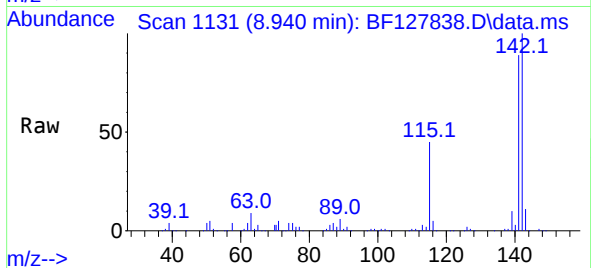
141 88.5 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#38

1-Methylnaphthalene

Concen: 20.971 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF127838.D

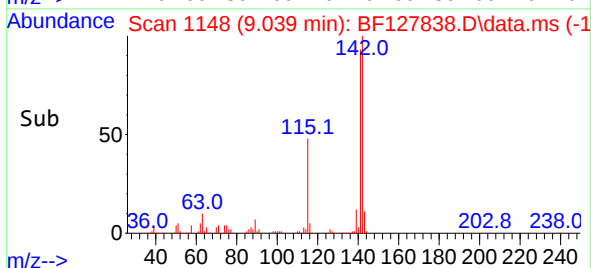
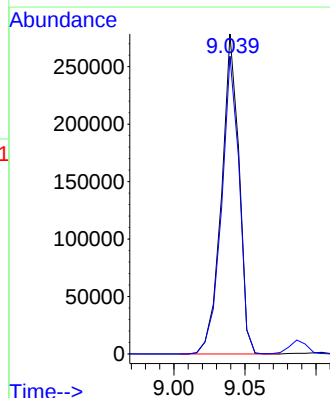
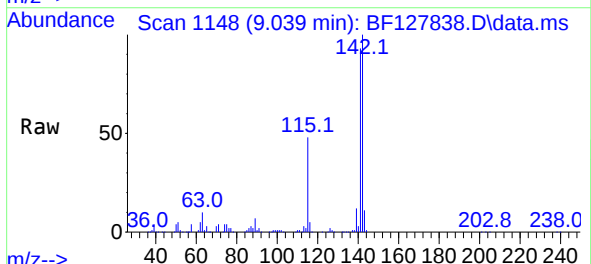
Acq: 19 Apr 2022 13:06

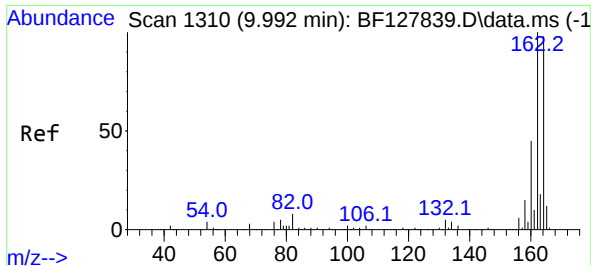
Tgt Ion:142 Resp: 237970

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF127838.D

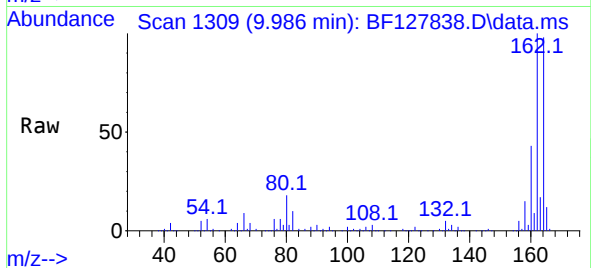
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 196679

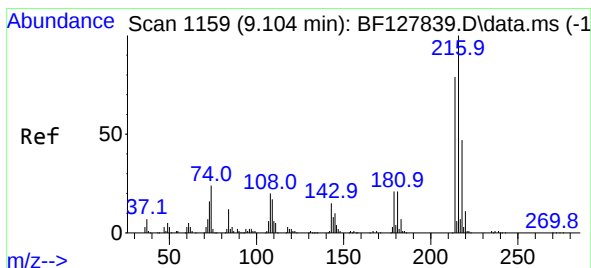
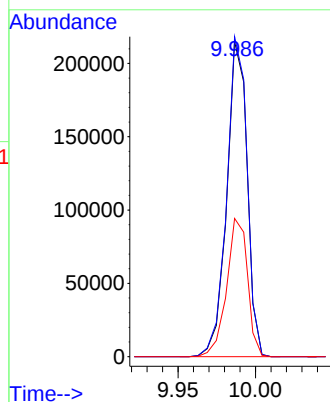
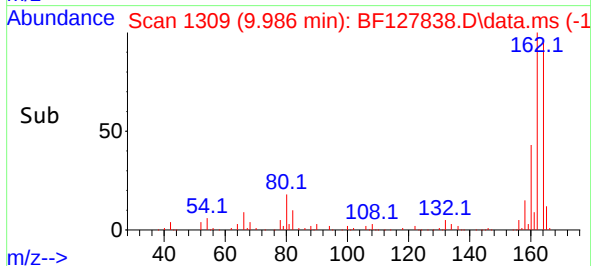
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.5 | 81.2  | 121.8 |
| 160 | 43.9  | 34.6  | 52.0  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.044 ng

RT: 9.104 min Scan# 1159

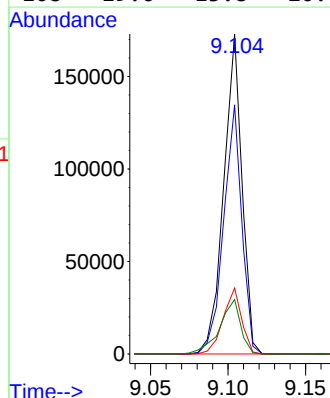
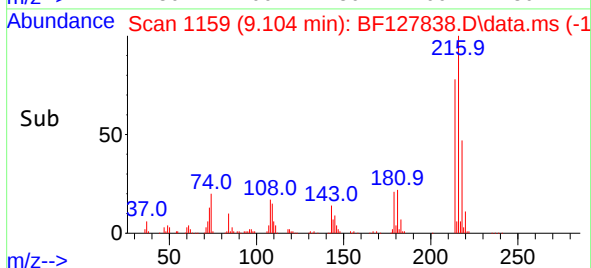
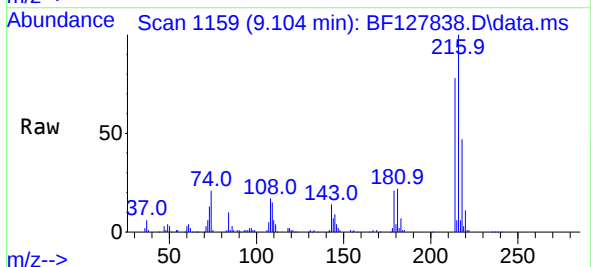
Delta R.T. 0.000 min

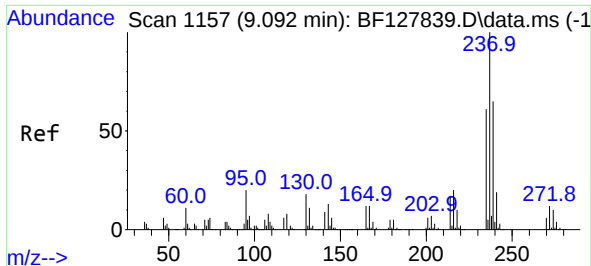
Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Tgt Ion:216 Resp: 142204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.2  | 63.0  | 94.4  |
| 179 | 20.8  | 15.5  | 23.3  |
| 108 | 19.6  | 13.8  | 20.6  |





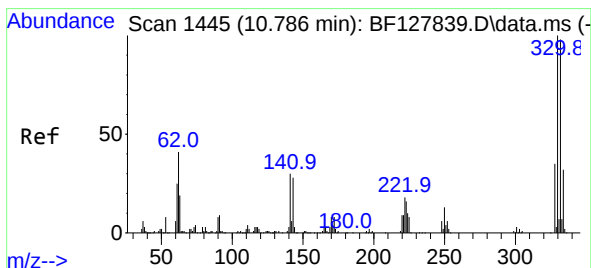
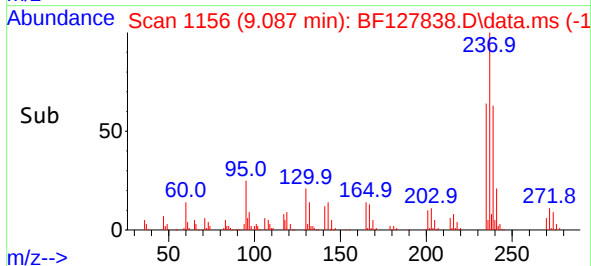
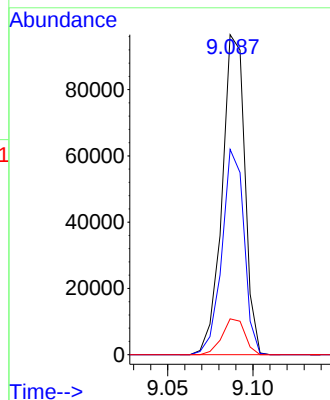
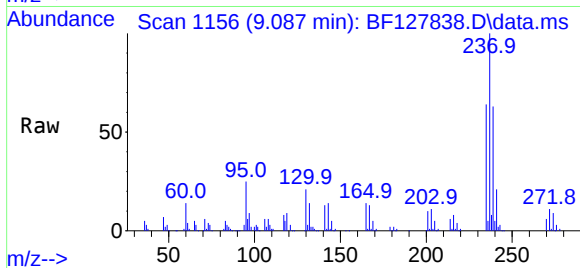
#41  
Hexachlorocyclopentadiene  
Concen: 23.051 ng  
RT: 9.087 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:237 Resp: 8957  
Ion Ratio Lower Upper  
237 100  
235 64.2 40.4 80.4  
272 11.2 0.0 31.8

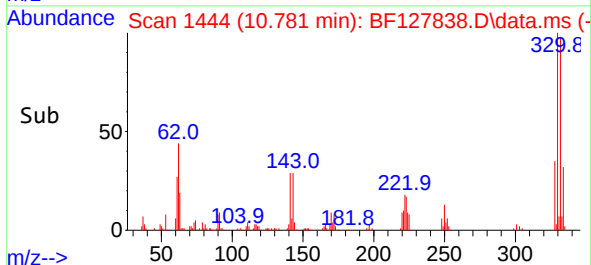
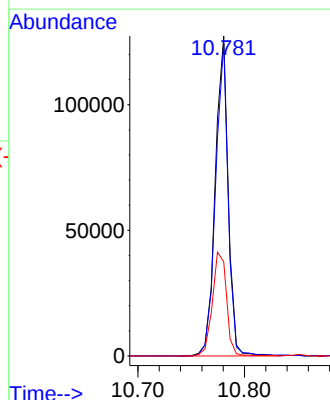
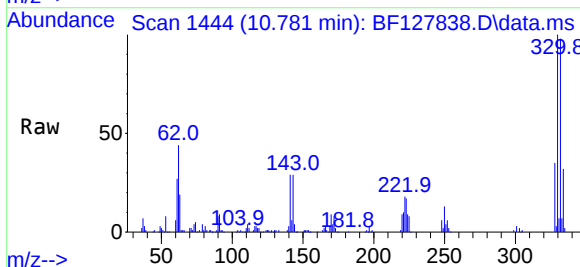
Manual Integrations  
APPROVED

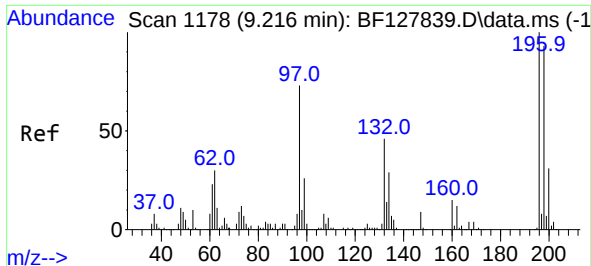
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#42  
2,4,6-Tribromophenol  
Concen: 51.174 ng  
RT: 10.781 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:330 Resp: 107104  
Ion Ratio Lower Upper  
330 100  
332 95.1 79.1 118.7  
141 35.7 26.2 39.4





#43  
2,4,6-Trichlorophenol  
Concen: 20.735 ng  
RT: 9.216 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

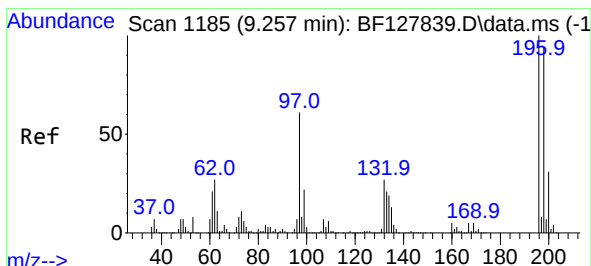
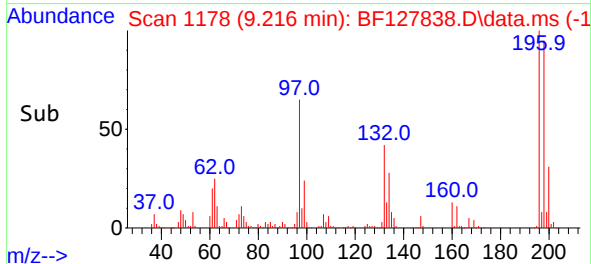
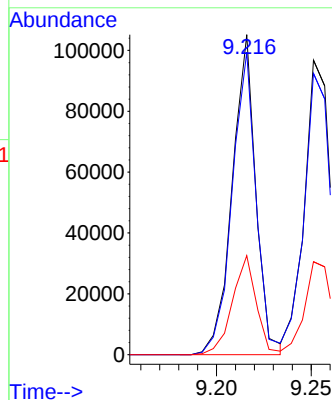
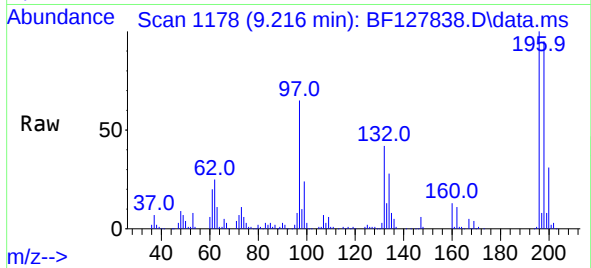
SSTDICC020

Tgt Ion:196 Resp: 90809  
Ion Ratio Lower Upper  
196 100  
198 94.6 77.8 116.6  
200 30.9 25.9 38.9

Manual Integrations

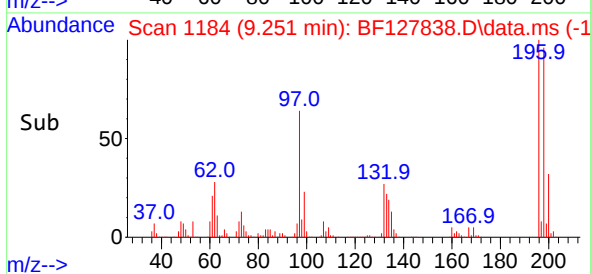
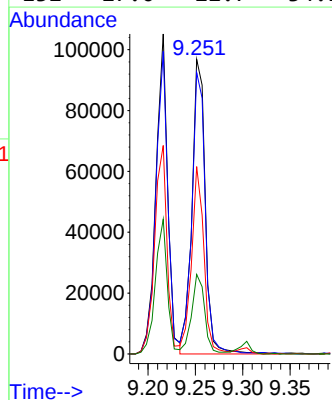
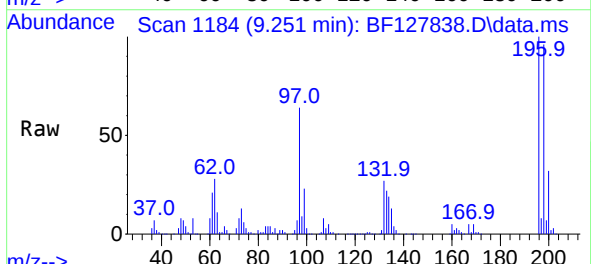
APPROVED

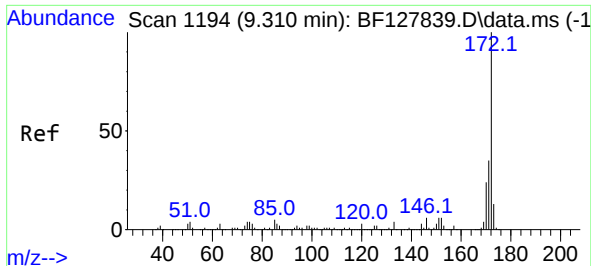
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#44  
2,4,5-Trichlorophenol  
Concen: 21.578 ng  
RT: 9.251 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:196 Resp: 95361  
Ion Ratio Lower Upper  
196 100  
198 95.5 75.3 112.9  
97 63.6 46.8 70.2  
132 27.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 44.230 ng

RT: 9.304 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 61492

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

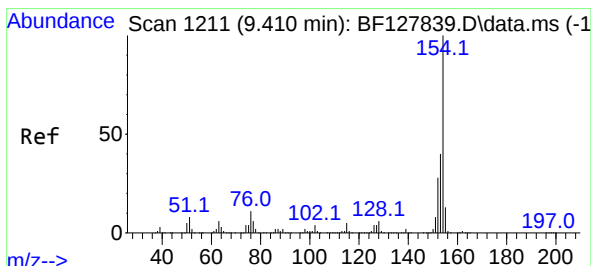
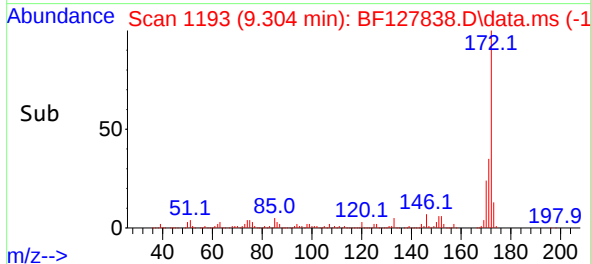
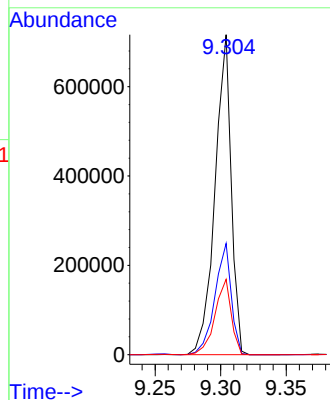
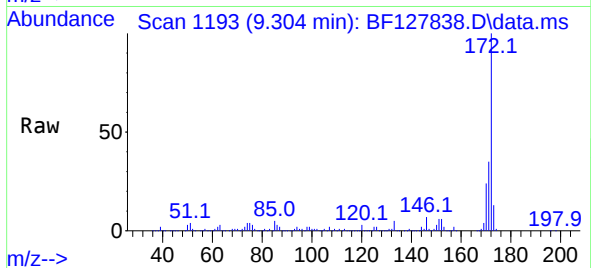
170 23.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#46

1,1'-Biphenyl

Concen: 20.834 ng

RT: 9.404 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

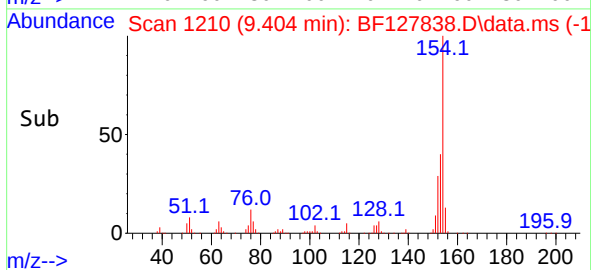
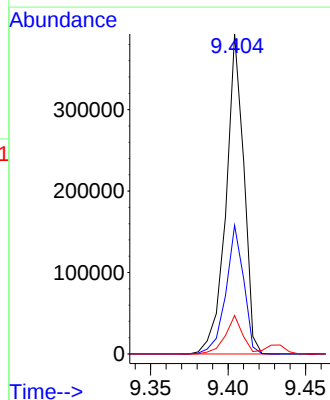
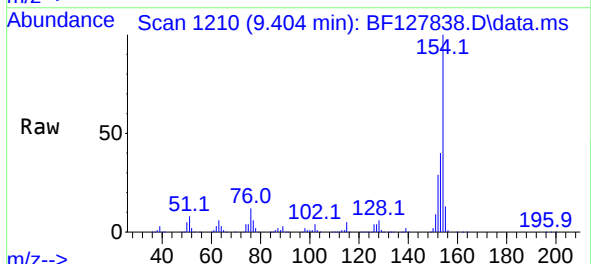
Tgt Ion:154 Resp: 313374

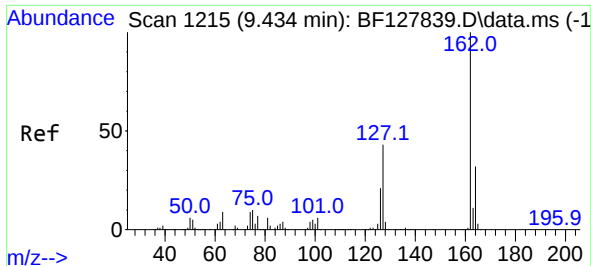
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 12.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 20.810 ng

RT: 9.434 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 24875

Ion Ratio Lower Upper

162 100

127 41.6 31.8 47.6

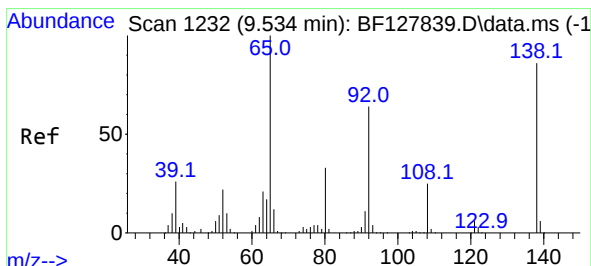
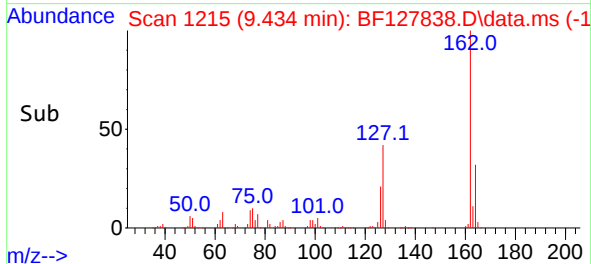
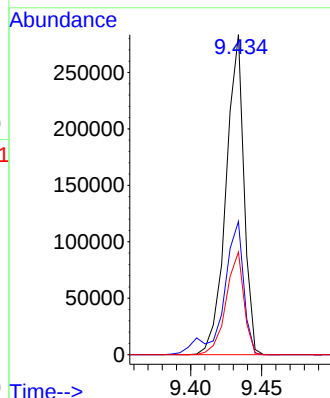
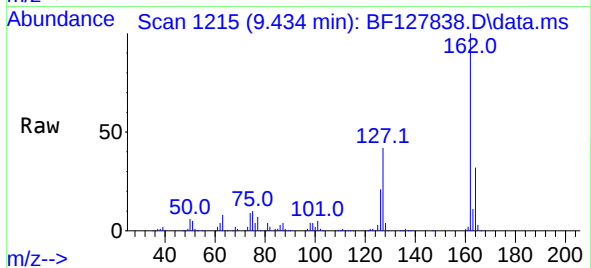
164 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#48

2-Nitroaniline

Concen: 23.477 ng

RT: 9.528 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

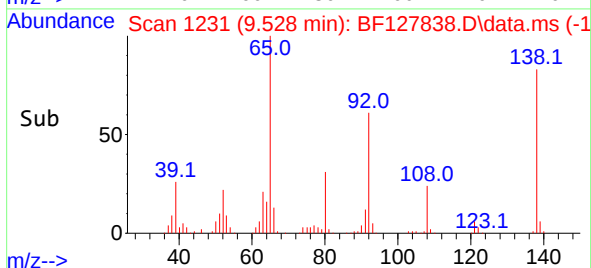
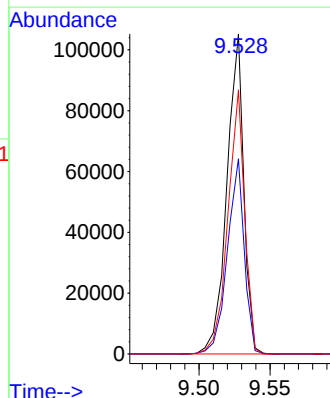
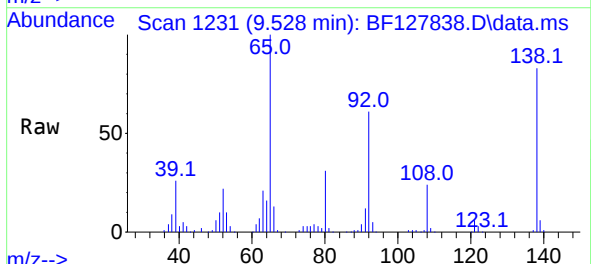
Tgt Ion: 65 Resp: 87157

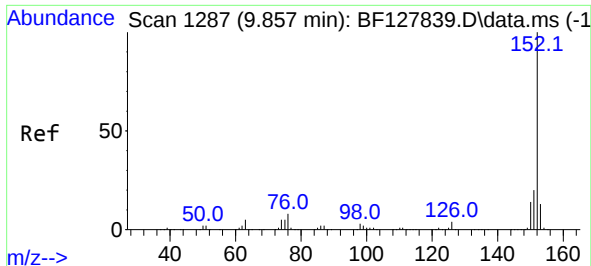
Ion Ratio Lower Upper

65 100

92 61.0 50.0 75.0

138 82.6 64.1 96.1





#49

Acenaphthylene

Concen: 20.704 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 37643

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

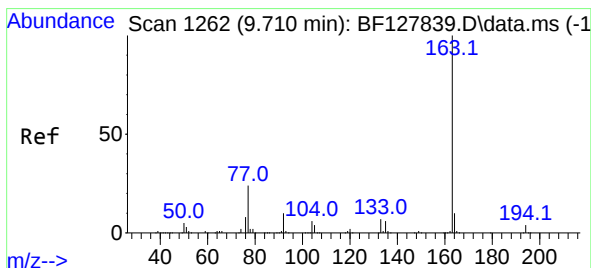
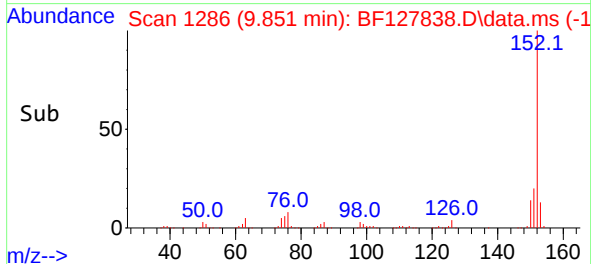
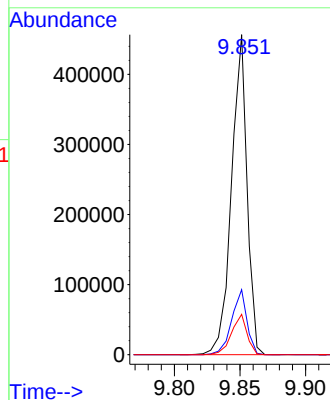
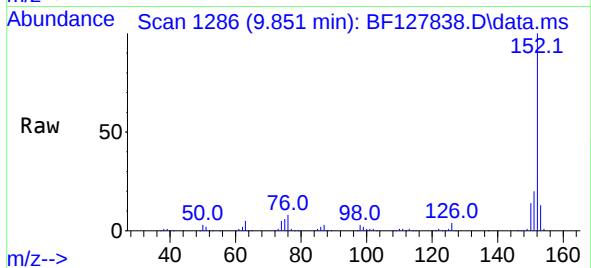
153 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022

Supervised By :Jagrut Upadhyay 04/20/2022



#50

Dimethylphthalate

Concen: 21.041 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF127838.D

Acq: 19 Apr 2022 13:06

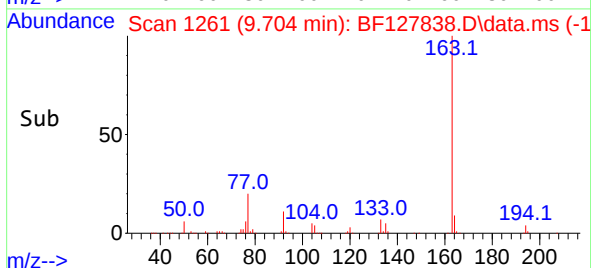
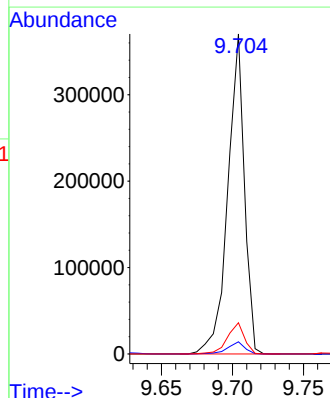
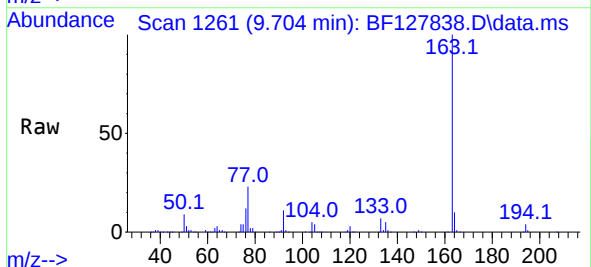
Tgt Ion:163 Resp: 299963

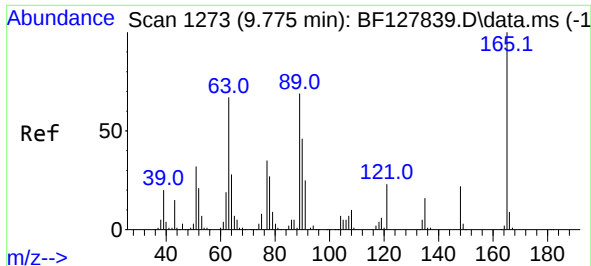
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 9.7 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 21.754 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

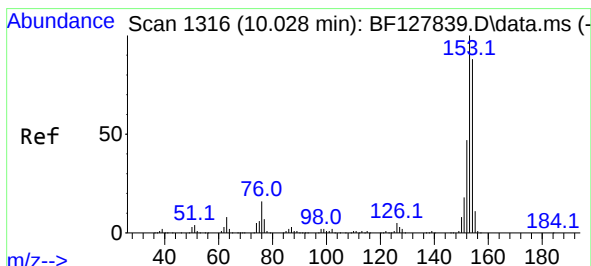
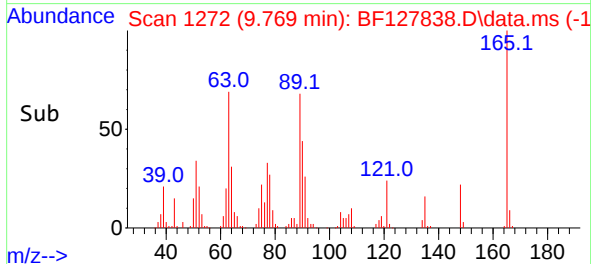
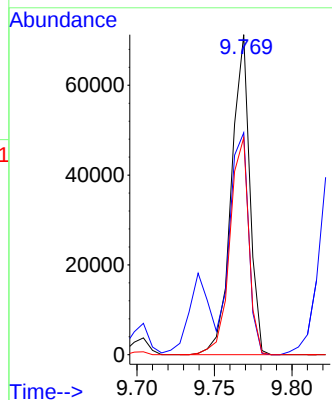
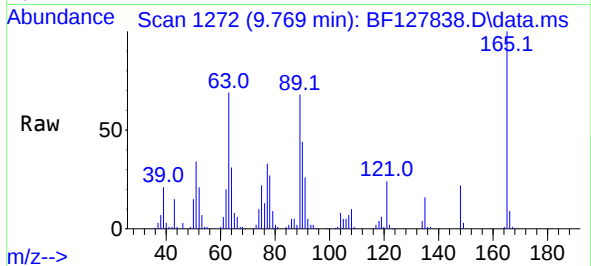
SSTDICC020

Tgt Ion:165 Resp: 58458  
Ion Ratio Lower Upper  
165 100  
63 69.4 58.3 87.5  
89 67.8 51.5 77.3

Manual Integrations

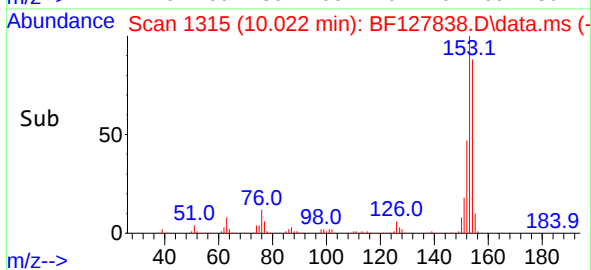
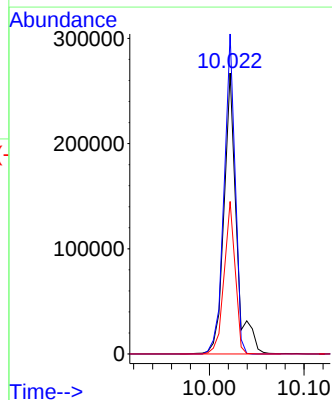
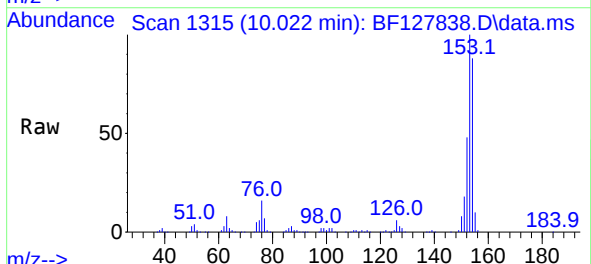
APPROVED

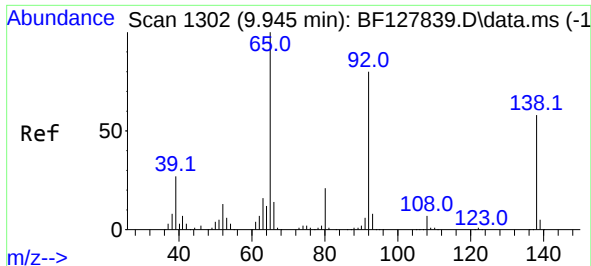
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#52  
Acenaphthene  
Concen: 21.421 ng  
RT: 10.022 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:154 Resp: 245379  
Ion Ratio Lower Upper  
154 100  
153 113.9 87.6 131.4  
152 54.3 42.9 64.3





#53  
3-Nitroaniline  
Concen: 21.107 ng  
RT: 9.939 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

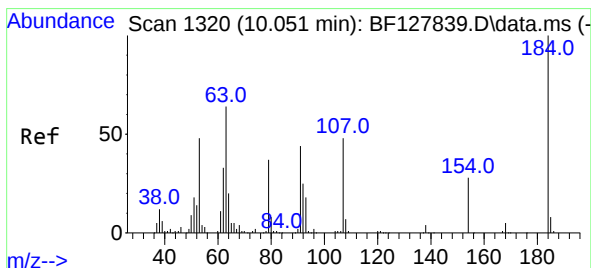
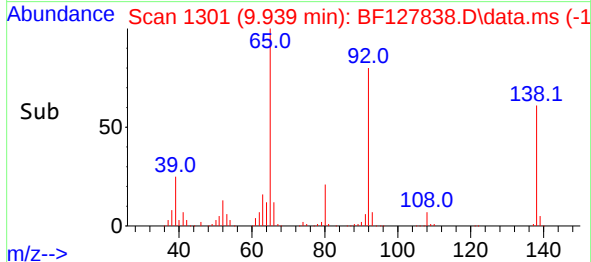
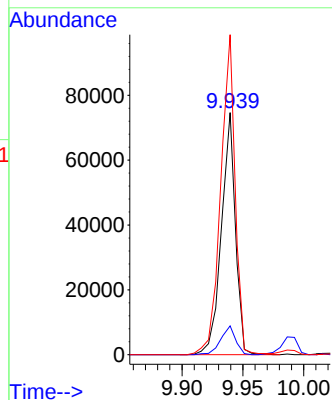
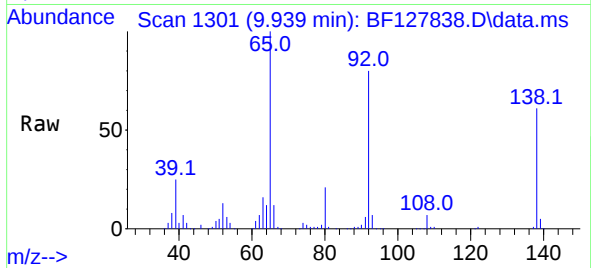
SSTDICC020

Tgt Ion:138 Resp: 59920  
Ion Ratio Lower Upper  
138 100  
108 11.9 9.4 14.0  
92 132.2 106.1 159.1

Manual Integrations

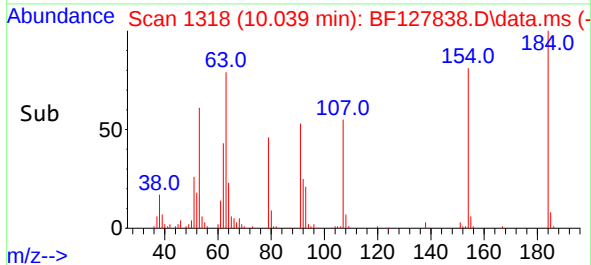
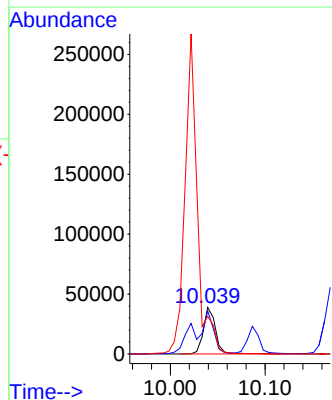
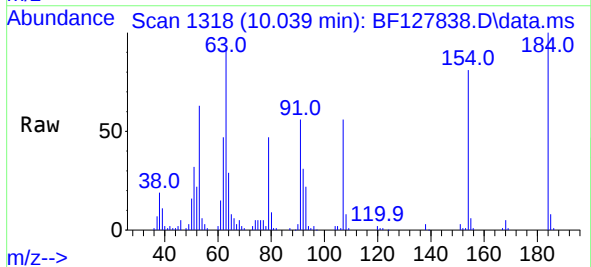
APPROVED

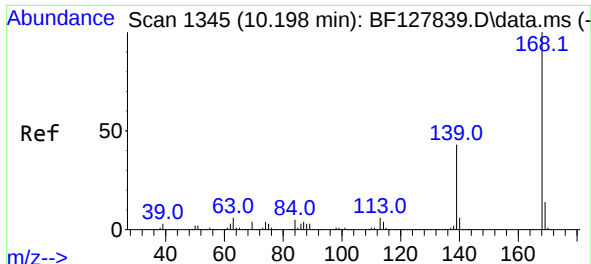
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#54  
2,4-Dinitrophenol  
Concen: 29.534 ng  
RT: 10.039 min Scan# 1318  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:184 Resp: 34428  
Ion Ratio Lower Upper  
184 100  
63 92.5 58.1 87.1#  
154 81.2 53.2 79.8#





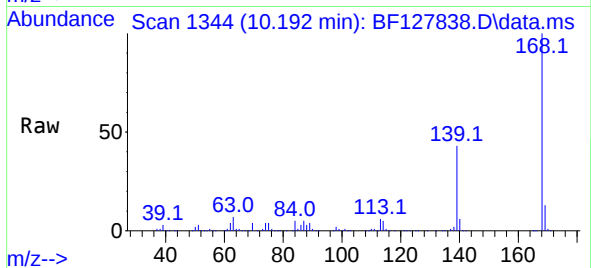
#55  
Dibenzofuran  
Concen: 21.101 ng  
RT: 10.192 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

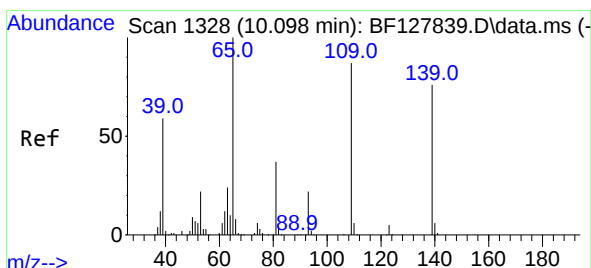
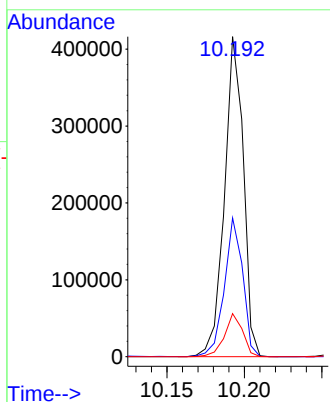
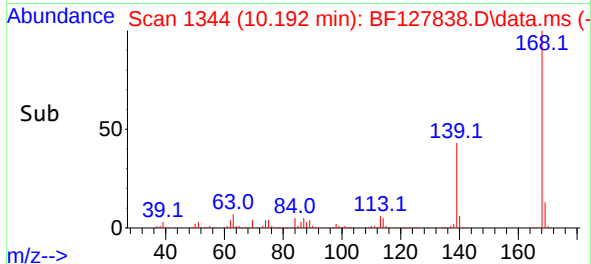


Tgt Ion:168 Resp: 352720  
Ion Ratio Lower Upper  
168 100  
139 43.4 30.3 45.5  
169 13.4 10.8 16.2

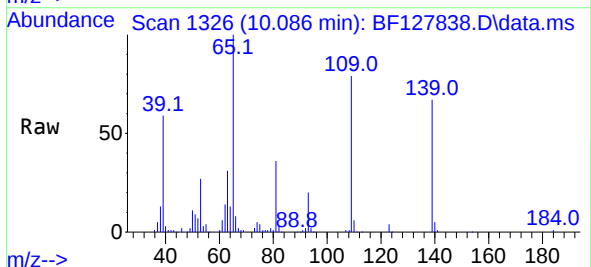
Manual Integrations

APPROVED

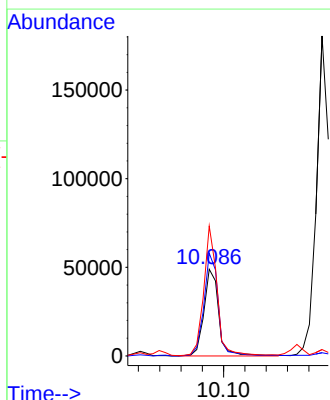
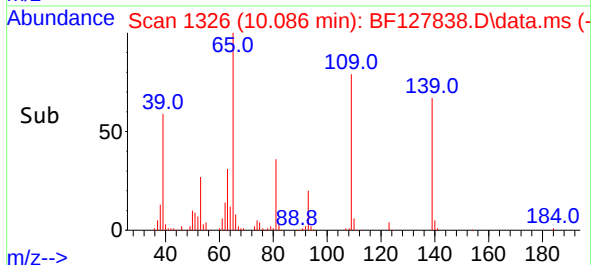
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

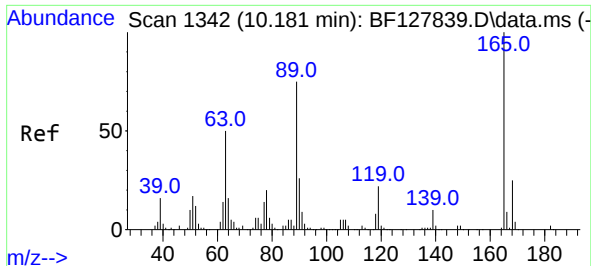


#56  
4-Nitrophenol  
Concen: 21.149 ng  
RT: 10.086 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:139 Resp: 47158  
Ion Ratio Lower Upper  
139 100  
109 118.6 64.3 104.3#  
65 149.9 117.5 157.5





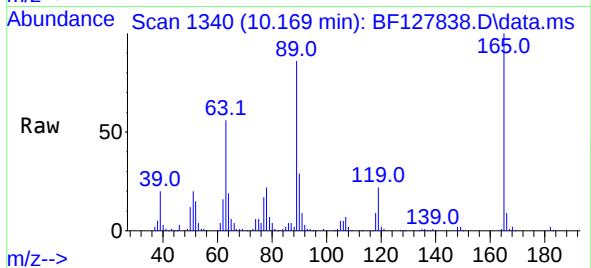
#57  
2,4-Dinitrotoluene  
Concen: 24.111 ng  
RT: 10.169 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

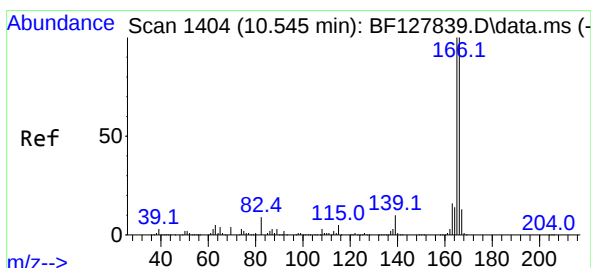
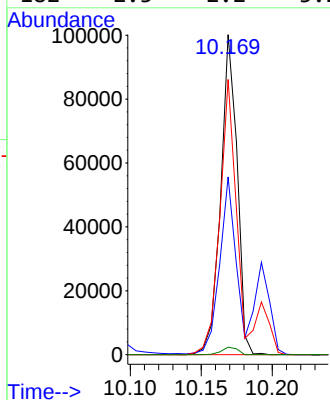
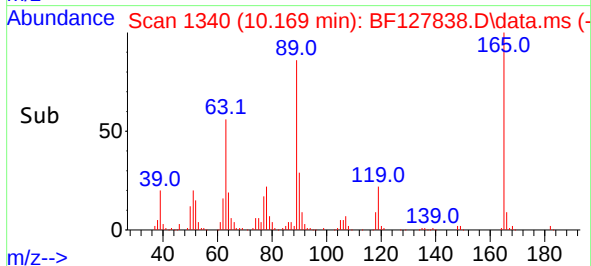


Tgt Ion:165 Resp: 80329  
Ion Ratio Lower Upper  
165 100  
63 55.6 53.1 79.7  
89 86.0 69.2 103.8  
182 2.3 2.2 3.2

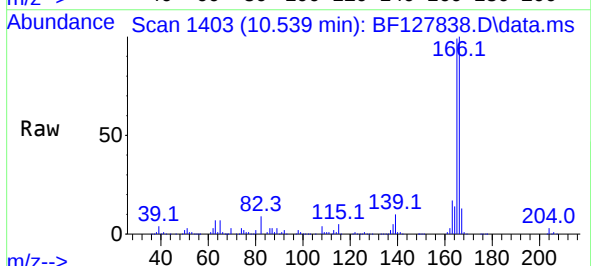
Manual Integrations

APPROVED

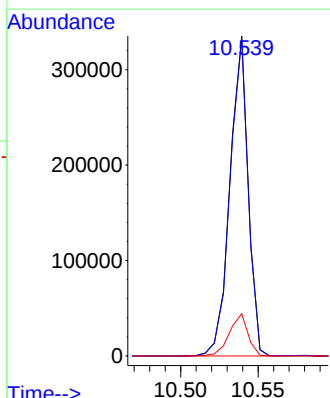
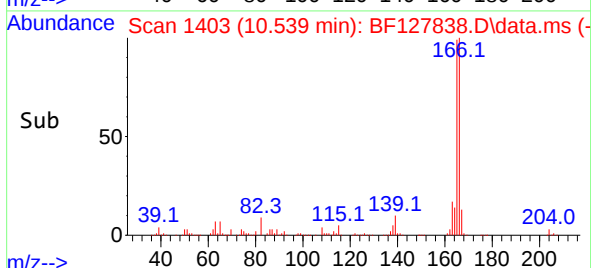
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

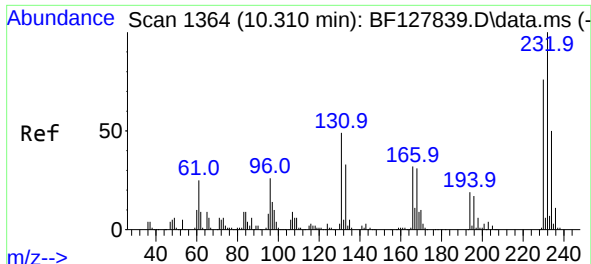


#58  
Fluorene  
Concen: 22.200 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



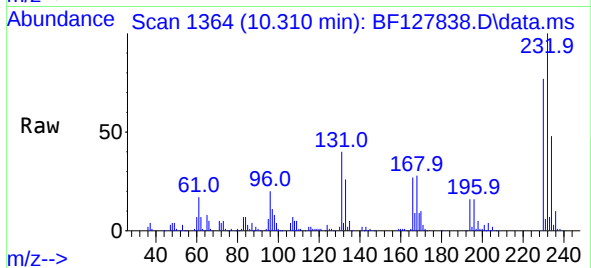
Tgt Ion:166 Resp: 274189  
Ion Ratio Lower Upper  
166 100  
165 99.2 78.1 117.1  
167 13.2 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.568 ng  
RT: 10.310 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

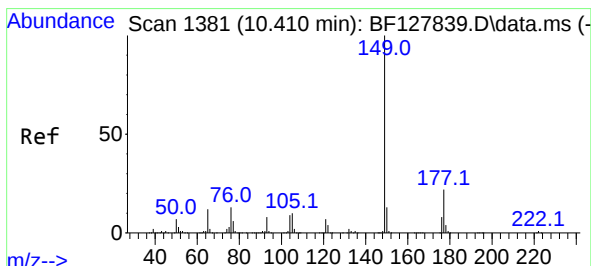
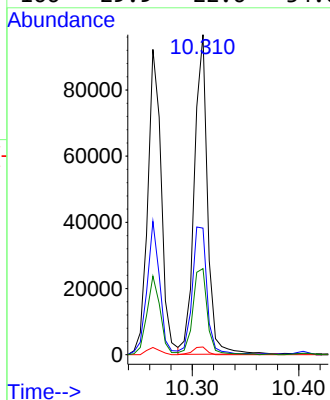
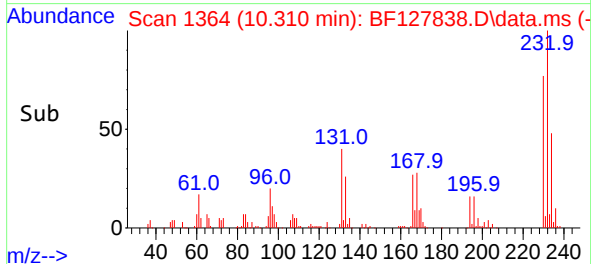
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



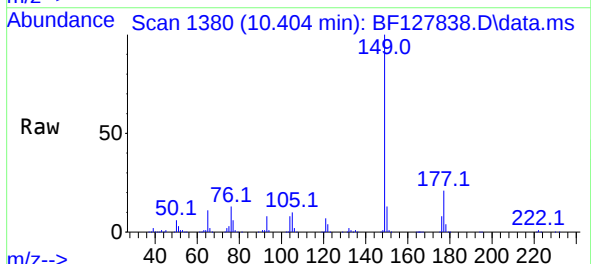
Tgt Ion:232 Resp: 8305  
Ion Ratio Lower Upper  
232 100  
131 44.4 33.4 50.0  
130 2.6 1.8 2.6  
166 29.9 22.6 34.0

Manual Integrations  
APPROVED

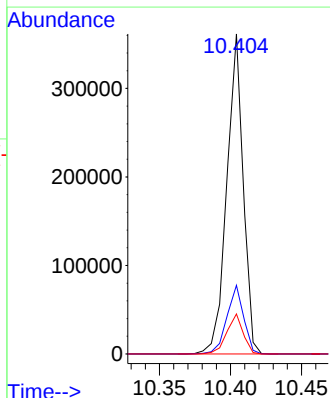
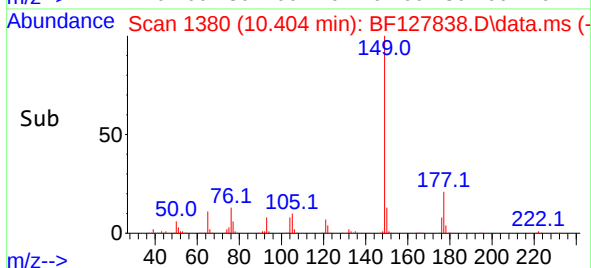
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

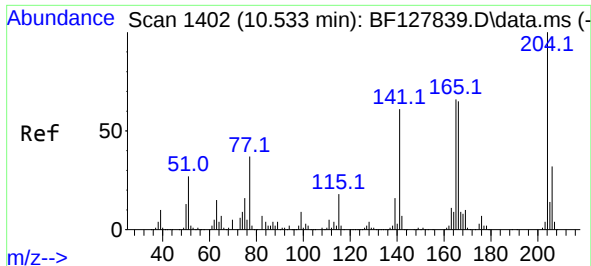


#60  
Diethylphthalate  
Concen: 21.237 ng  
RT: 10.404 min Scan# 1380  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:149 Resp: 289728  
Ion Ratio Lower Upper  
149 100  
177 21.5 18.9 28.3  
150 12.5 10.0 15.0





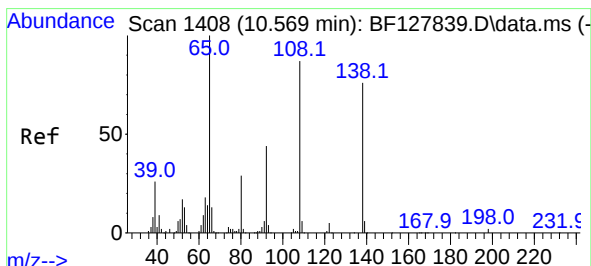
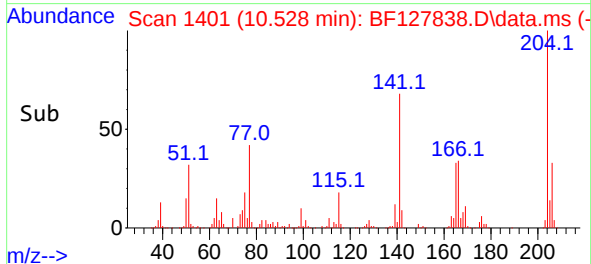
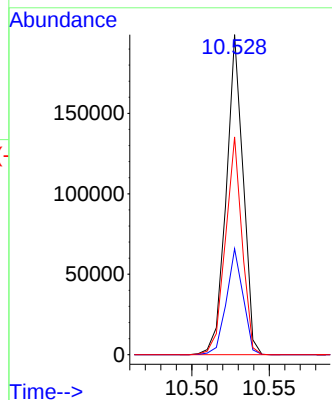
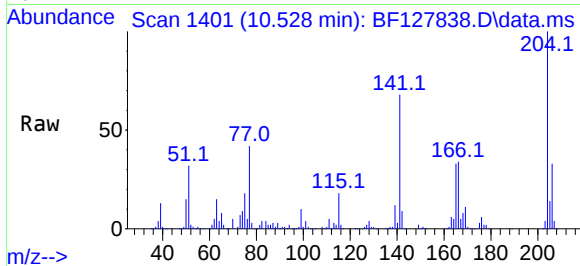
#61  
4-Chlorophenyl-phenylether  
Concen: 22.238 ng  
RT: 10.528 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:204 Resp: 15090  
Ion Ratio Lower Upper  
204 100  
206 33.1 25.9 38.9  
141 68.1 47.8 71.8

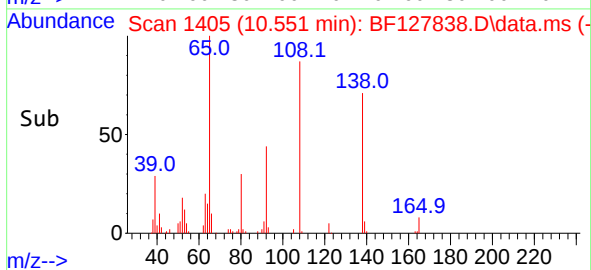
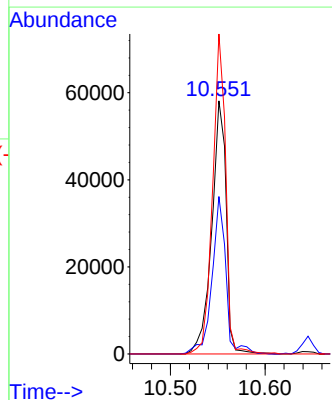
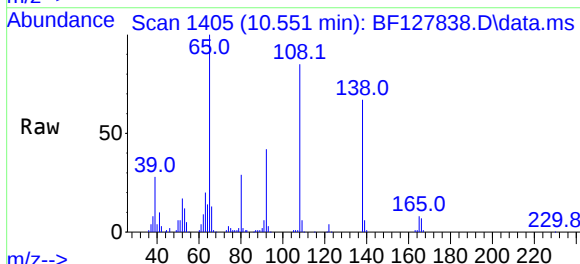
Manual Integrations  
APPROVED

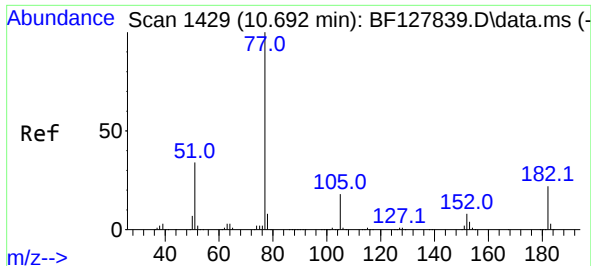
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#62  
4-Nitroaniline  
Concen: 22.854 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. -0.018 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:138 Resp: 61105  
Ion Ratio Lower Upper  
138 100  
92 62.2 40.5 80.5  
108 126.4 69.2 109.2#





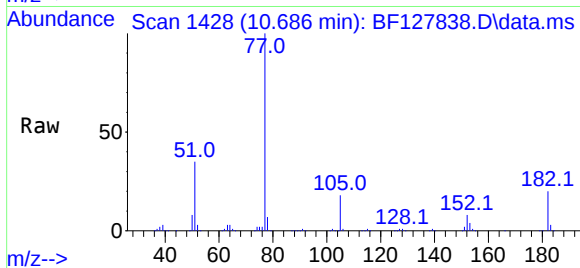
#63  
Azobenzene  
Concen: 20.280 ng  
RT: 10.686 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

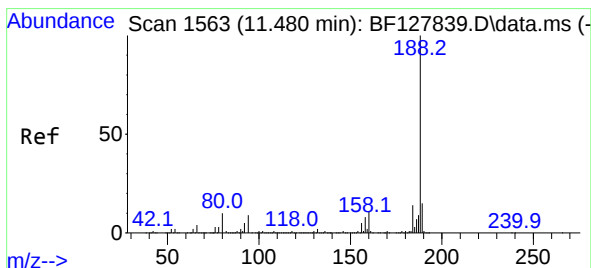
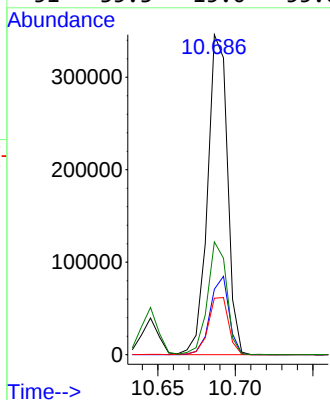
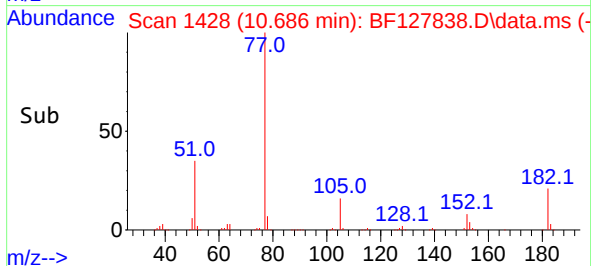


Tgt Ion: 77 Resp: 30915  
Ion Ratio Lower Upper  
77 100  
182 20.4 4.5 44.5  
105 17.7 0.3 40.3  
51 35.3 15.0 55.0

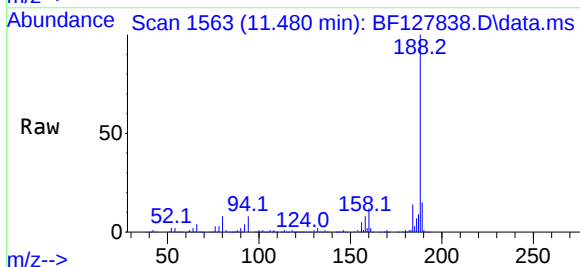
Manual Integrations

APPROVED

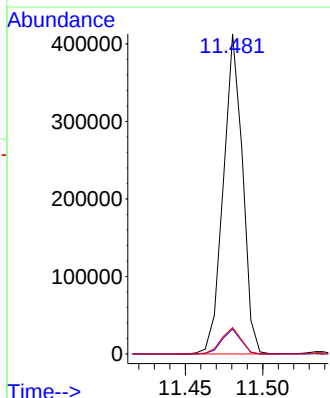
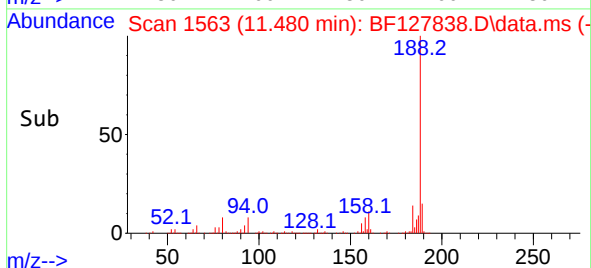
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

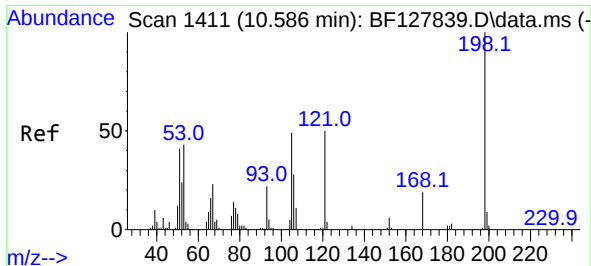


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:188 Resp: 355791  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.4 11.0  
80 8.2 8.0 12.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 27.609 ng  
RT: 10.581 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

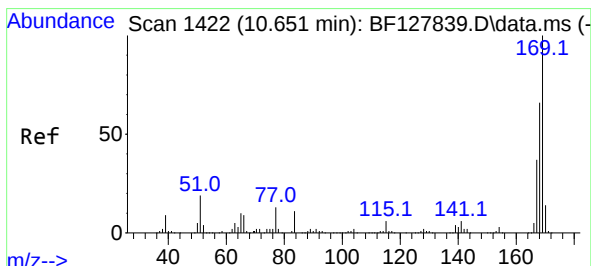
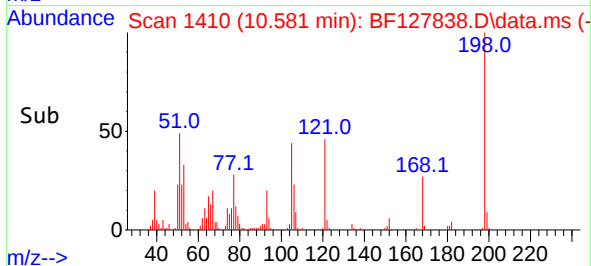
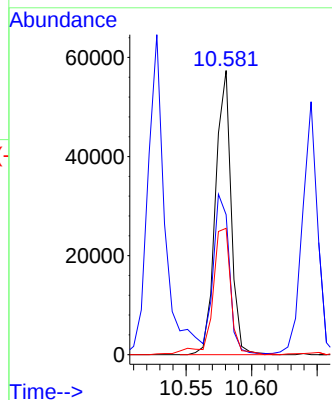
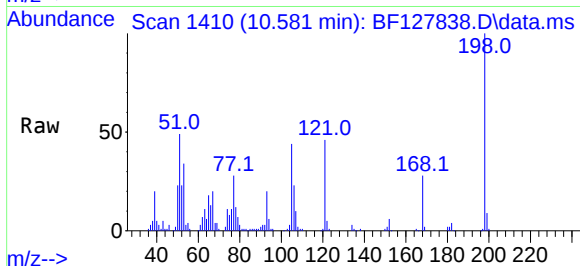
SSTDICC020

Tgt Ion:198 Resp: 47440  
Ion Ratio Lower Upper  
198 100  
51 49.3 42.7 82.7  
105 44.5 25.4 65.4

Manual Integrations

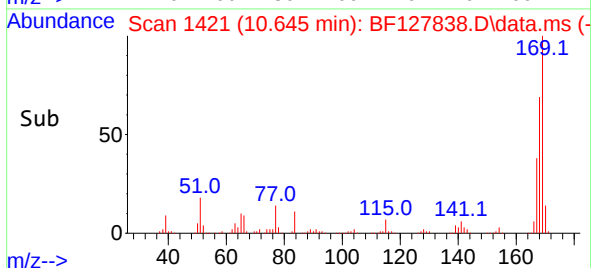
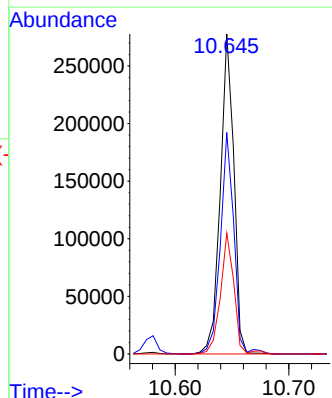
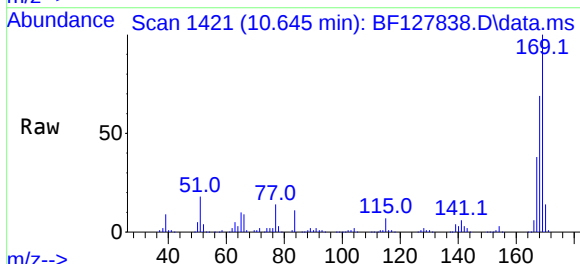
APPROVED

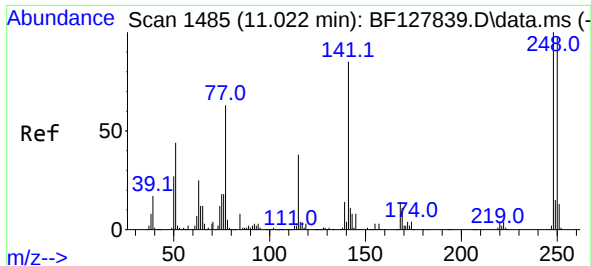
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#66  
n-Nitrosodiphenylamine  
Concen: 20.587 ng  
RT: 10.645 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:169 Resp: 230685  
Ion Ratio Lower Upper  
169 100  
168 69.2 52.7 79.1  
167 37.8 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 22.433 ng  
RT: 11.022 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

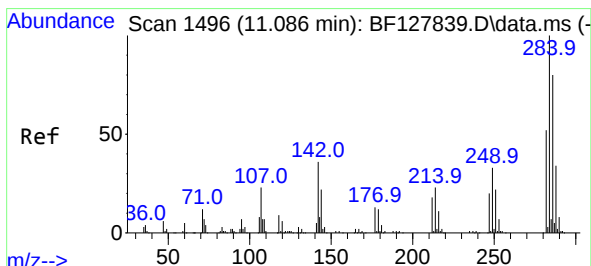
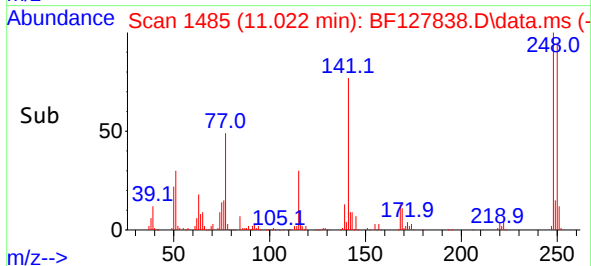
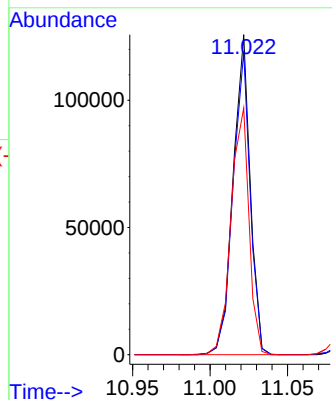
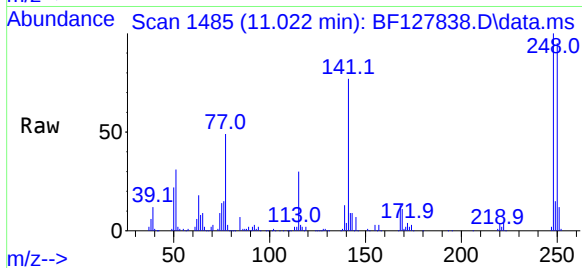
SSTDICC020

Tgt Ion:248 Resp: 9686  
Ion Ratio Lower Upper  
248 100  
250 94.5 76.6 115.0  
141 77.1 52.2 78.2

Manual Integrations

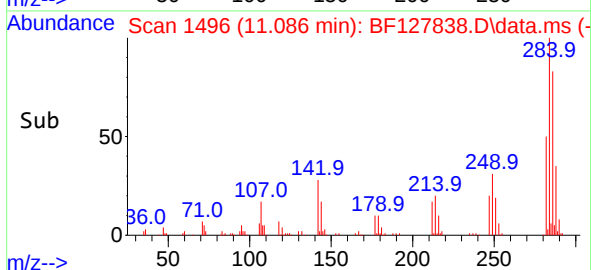
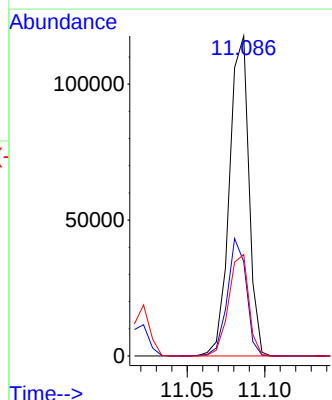
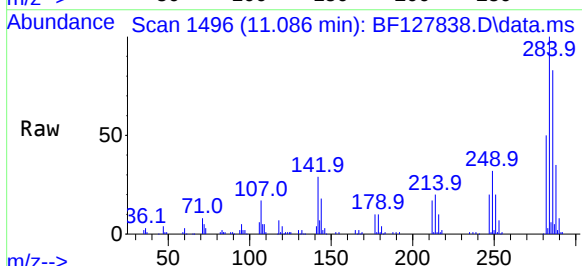
APPROVED

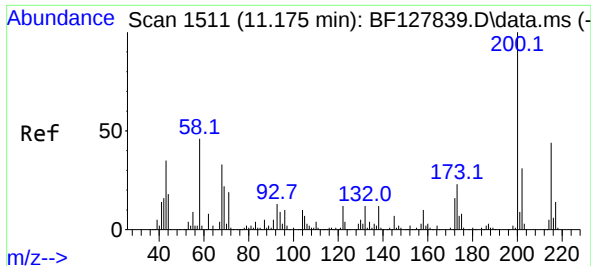
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#68  
Hexachlorobenzene  
Concen: 21.780 ng  
RT: 11.086 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:284 Resp: 102808  
Ion Ratio Lower Upper  
284 100  
142 29.5 23.8 35.8  
249 31.7 23.9 35.9





#69  
Atrazine  
Concen: 21.785 ng  
RT: 11.169 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

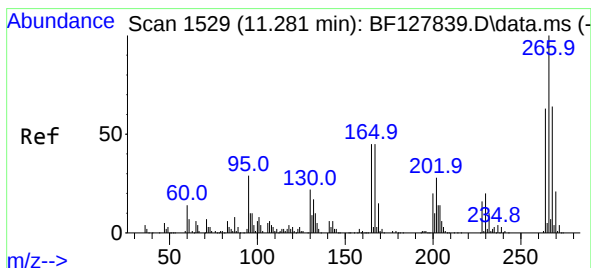
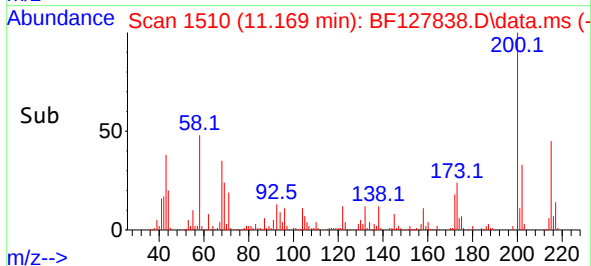
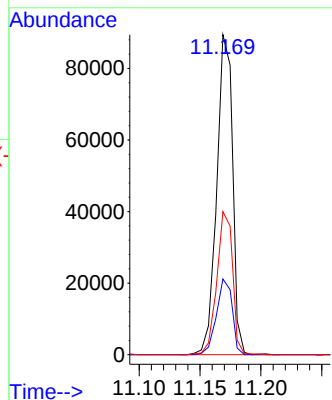
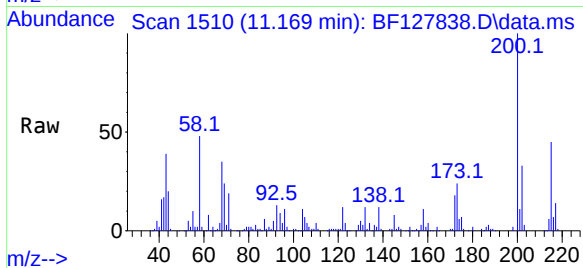
SSTDICC020

Tgt Ion:200 Resp: 81104  
Ion Ratio Lower Upper  
200 100  
173 23.7 2.9 42.9  
215 44.7 28.0 68.0

Manual Integrations

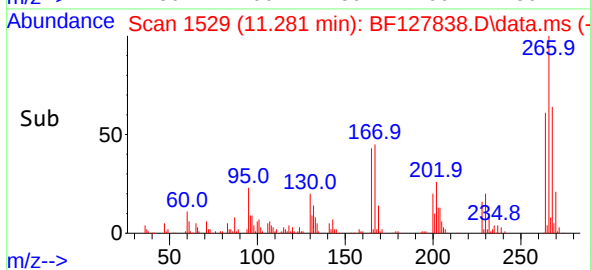
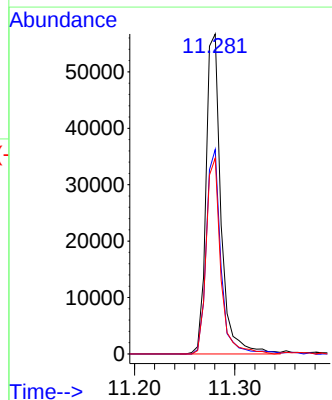
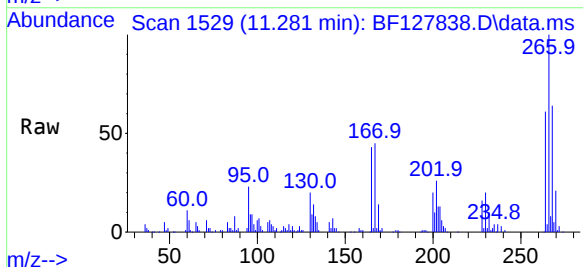
APPROVED

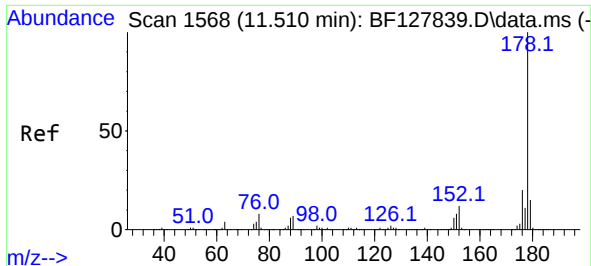
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#70  
Pentachlorophenol  
Concen: 20.934 ng  
RT: 11.281 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:266 Resp: 59018  
Ion Ratio Lower Upper  
266 100  
268 63.9 50.4 75.6  
264 61.2 48.5 72.7





#71  
Phenanthrene  
Concen: 20.935 ng  
RT: 11.504 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

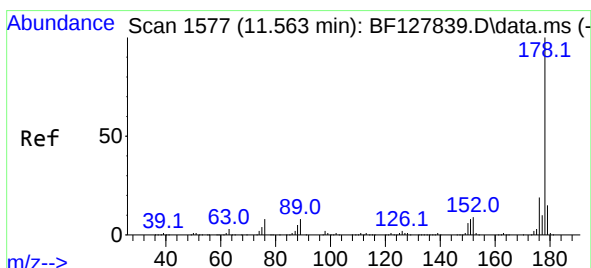
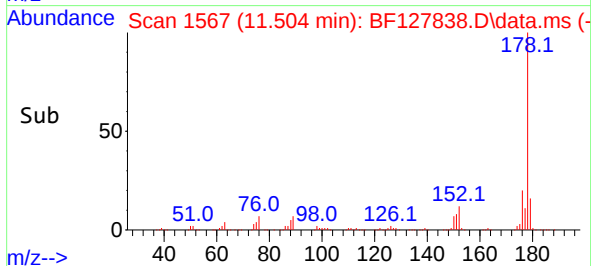
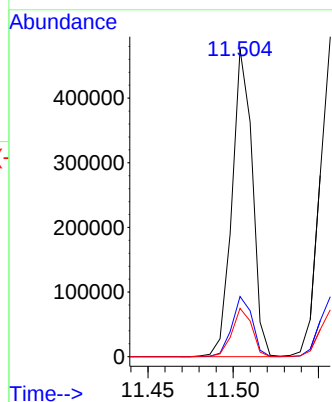
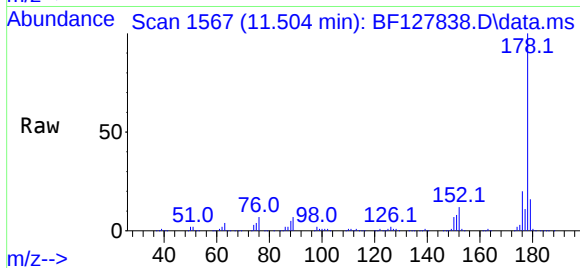
SSTDICC020

Tgt Ion:178 Resp: 394638  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.7 12.4 18.6

Manual Integrations

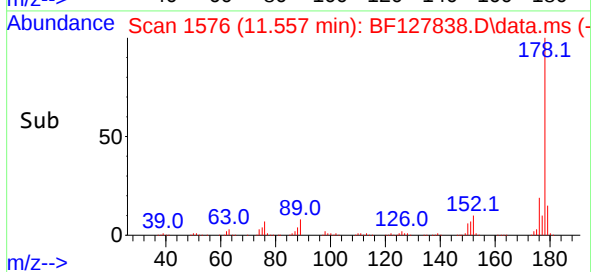
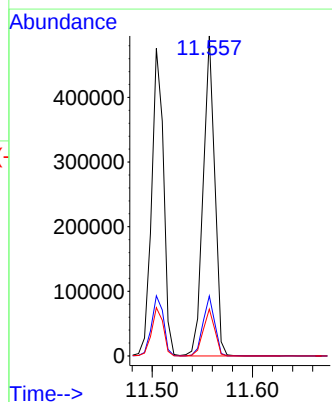
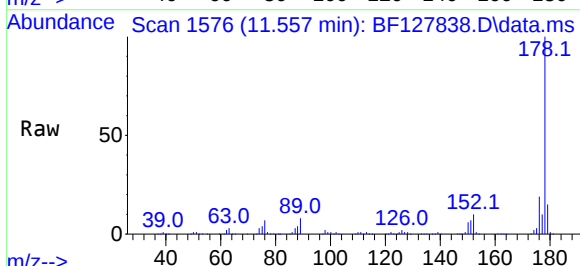
APPROVED

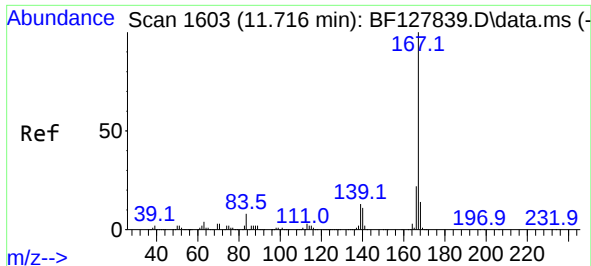
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#72  
Anthracene  
Concen: 21.382 ng  
RT: 11.557 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

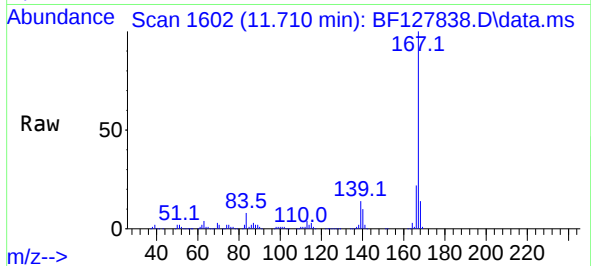
Tgt Ion:178 Resp: 398703  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 22.0  
179 14.7 12.4 18.6





#73  
 Carbazole  
 Concen: 20.842 ng  
 RT: 11.710 min Scan# 1602  
 Delta R.T. -0.006 min  
 Lab File: BF127838.D  
 Acq: 19 Apr 2022 13:06

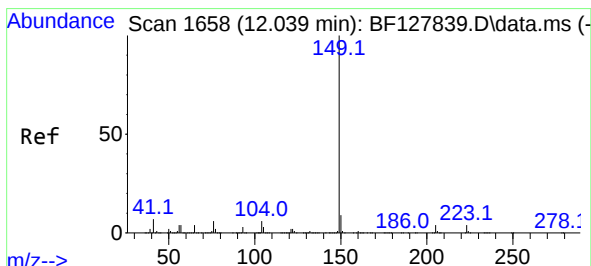
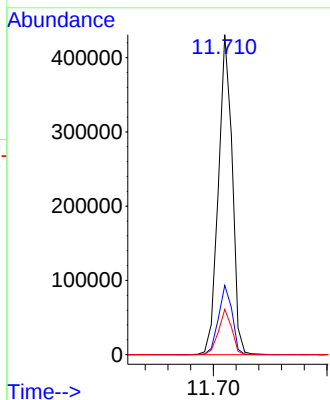
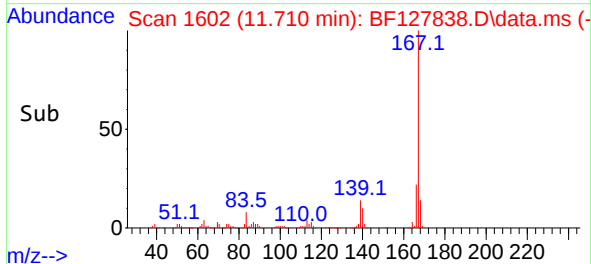
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



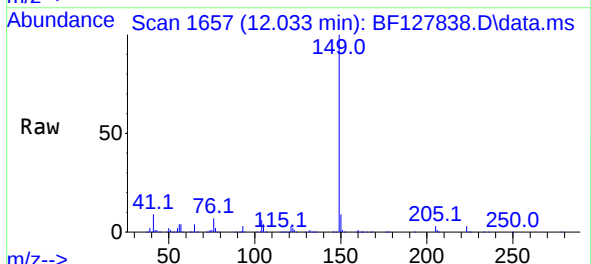
Tgt Ion:167 Resp: 364150  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.0 25.4  
 139 14.1 10.5 15.7

Manual Integrations  
 APPROVED

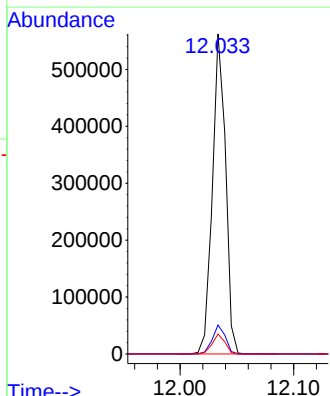
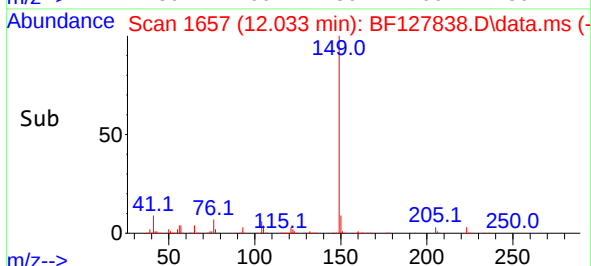
Reviewed By :Christian Giraldo 04/20/2022  
 Supervised By :Jagrut Upadhyay 04/20/2022

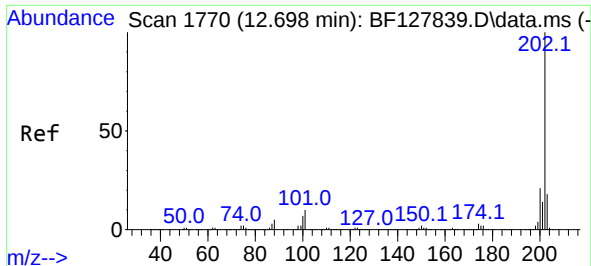


#74  
 Di-n-butylphthalate  
 Concen: 21.625 ng  
 RT: 12.033 min Scan# 1657  
 Delta R.T. -0.006 min  
 Lab File: BF127838.D  
 Acq: 19 Apr 2022 13:06



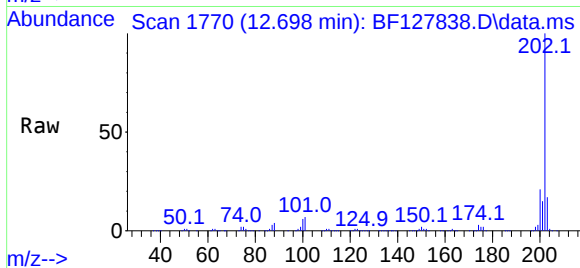
Tgt Ion:149 Resp: 451683  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 6.2 4.2 6.2





#75  
Fluoranthene  
Concen: 21.830 ng  
RT: 12.698 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

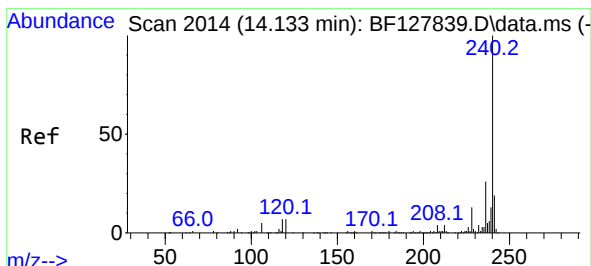
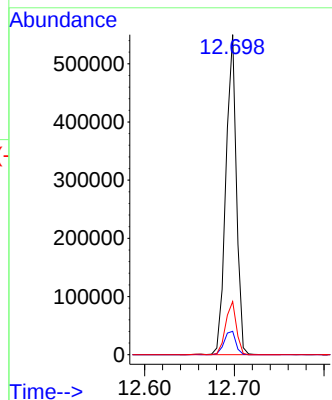
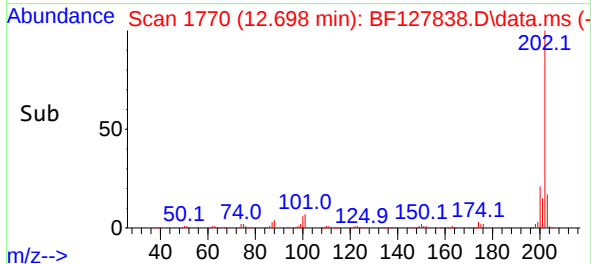
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



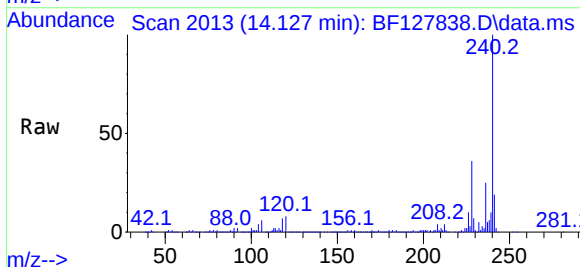
Tgt Ion:202 Resp: 449060  
Ion Ratio Lower Upper  
202 100  
101 7.3 0.0 29.0  
203 16.6 0.0 37.7

Manual Integrations  
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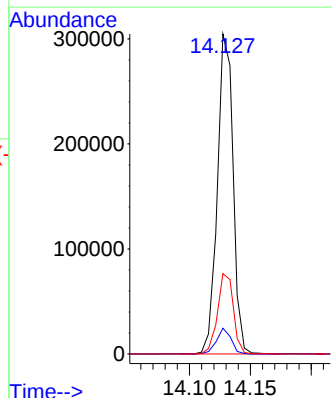
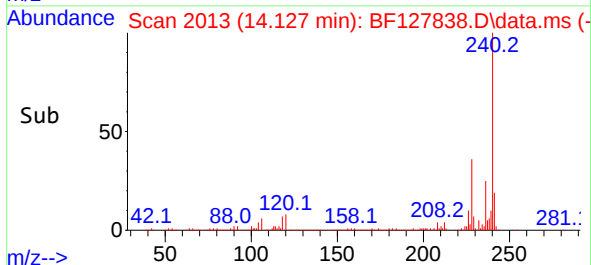
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

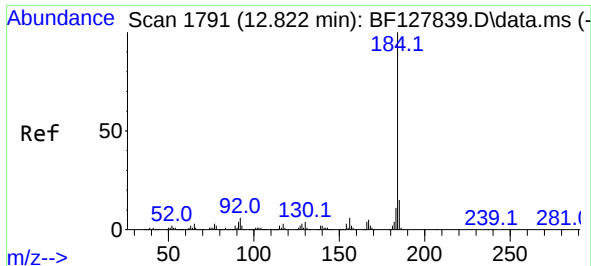


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



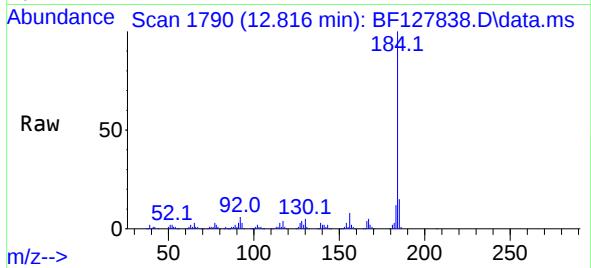
Tgt Ion:240 Resp: 274767  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.1 10.7  
236 25.1 20.7 31.1





#77  
Benzidine  
Concen: 20.931 ng  
RT: 12.816 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

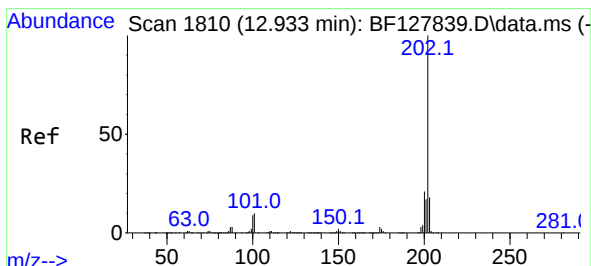
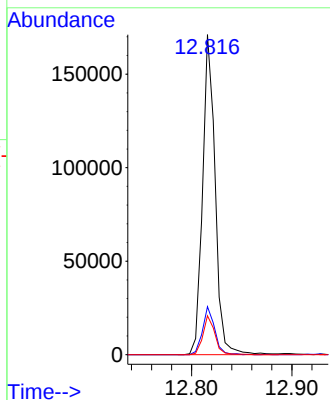
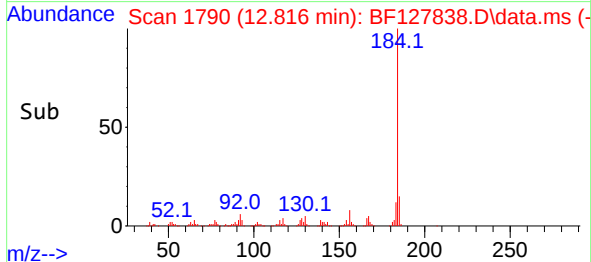
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



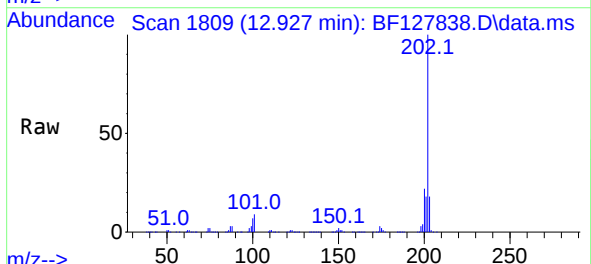
Tgt Ion:184 Resp: 150100  
Ion Ratio Lower Upper  
184 100  
185 15.0 12.2 18.2  
183 12.2 9.4 14.0

Manual Integrations  
APPROVED

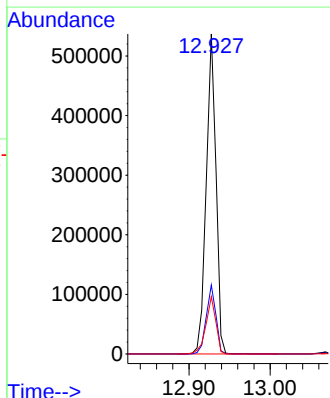
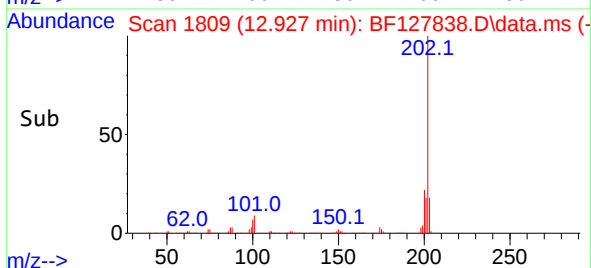
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

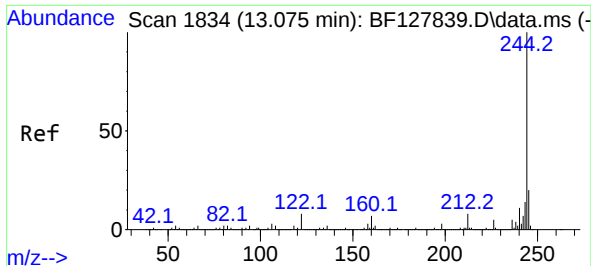


#78  
Pyrene  
Concen: 19.210 ng  
RT: 12.927 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:202 Resp: 445723  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 17.9 14.3 21.5





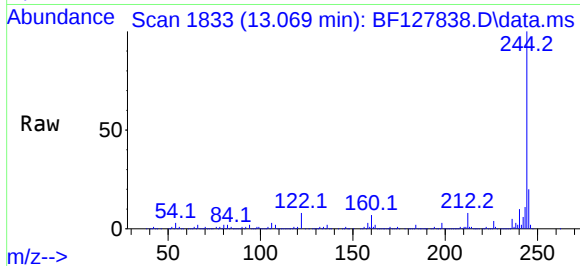
#79  
 Terphenyl-d14  
 Concen: 42.834 ng  
 RT: 13.069 min Scan# 1833  
 Delta R.T. -0.006 min  
 Lab File: BF127838.D  
 Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

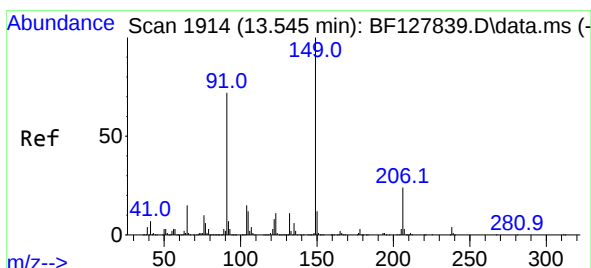
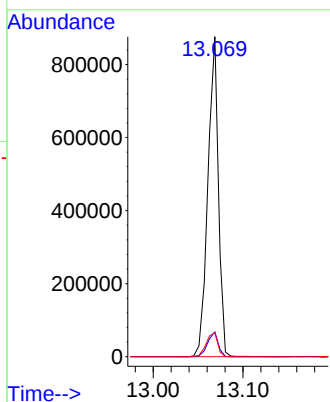
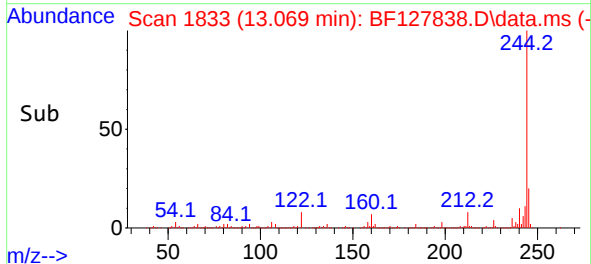


Tgt Ion:244 Resp: 713039  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.7 8.5  
 122 7.5 6.2 9.2

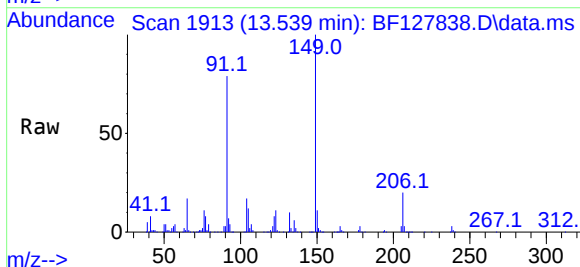
Manual Integrations

APPROVED

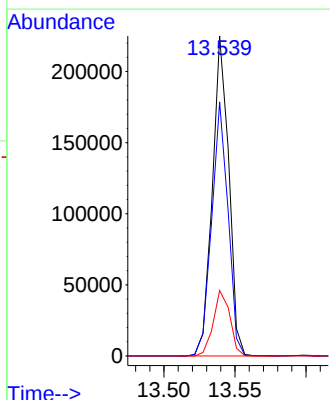
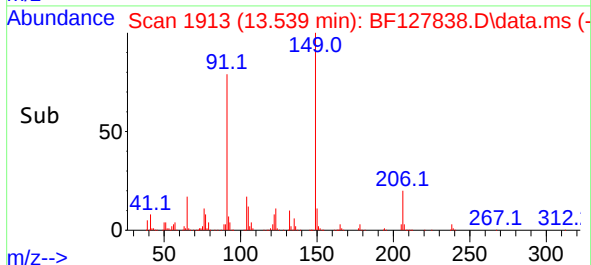
Reviewed By :Christian Giraldo 04/20/2022  
 Supervised By :Jagrut Upadhyay 04/20/2022

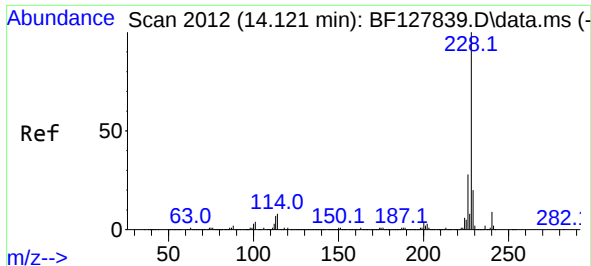


#80  
 Butylbenzylphthalate  
 Concen: 20.878 ng  
 RT: 13.539 min Scan# 1913  
 Delta R.T. -0.006 min  
 Lab File: BF127838.D  
 Acq: 19 Apr 2022 13:06



Tgt Ion:149 Resp: 180365  
 Ion Ratio Lower Upper  
 149 100  
 91 79.4 69.1 103.7  
 206 20.5 17.7 26.5





#81  
Benzo(a)anthracene  
Concen: 20.814 ng  
RT: 14.116 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

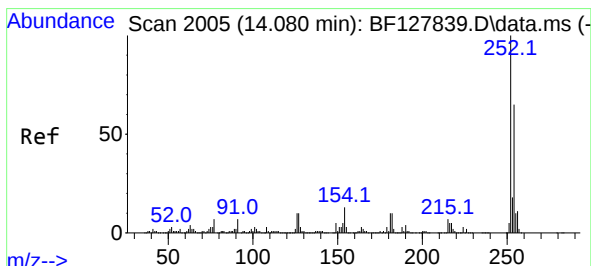
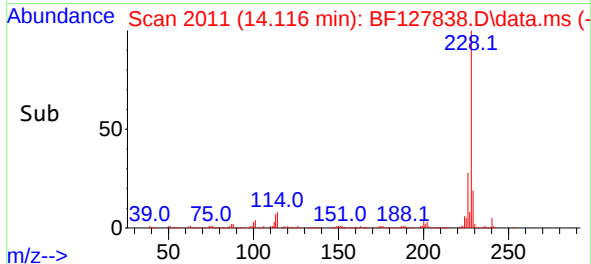
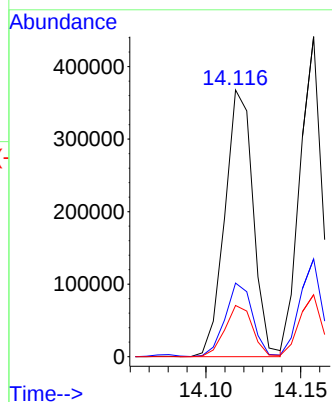
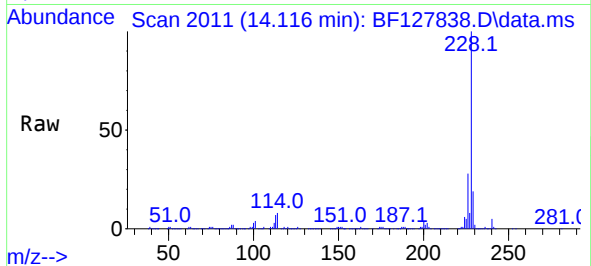
SSTDICC020

Tgt Ion:228 Resp: 381964  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.6 32.4  
229 19.2 15.4 23.2

Manual Integrations

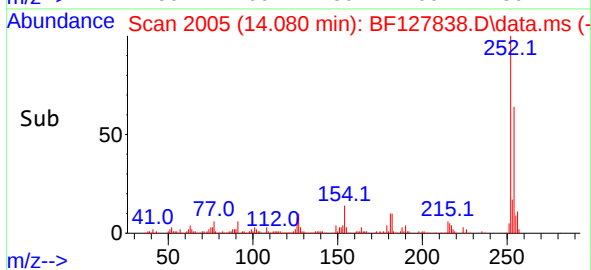
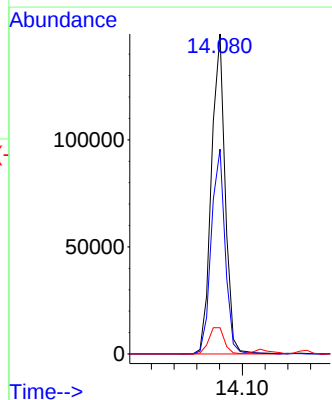
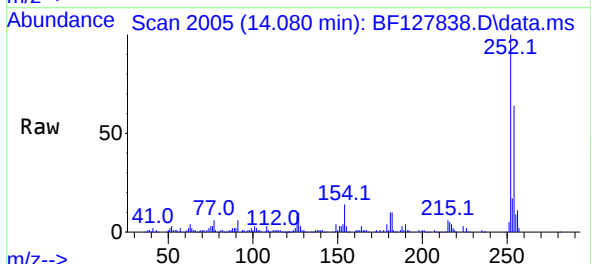
APPROVED

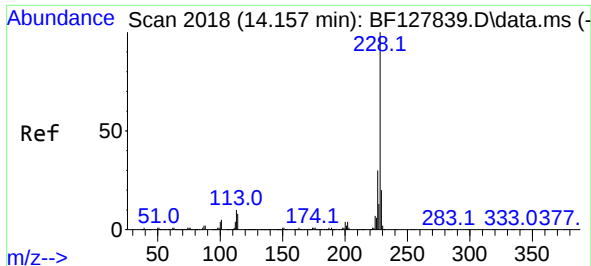
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 21.852 ng  
RT: 14.080 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

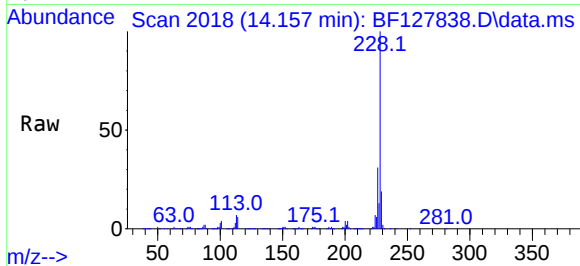
Tgt Ion:252 Resp: 125016  
Ion Ratio Lower Upper  
252 100  
254 64.0 50.2 75.4  
126 8.2 8.7 13.1#





#83  
Chrysene  
Concen: 20.178 ng  
RT: 14.157 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

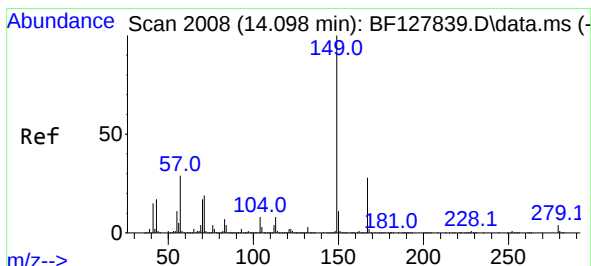
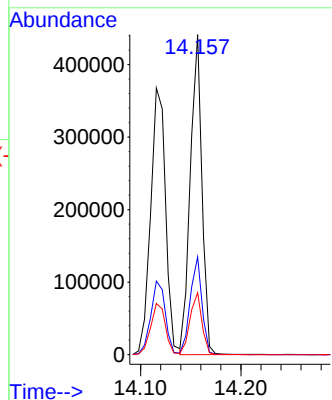
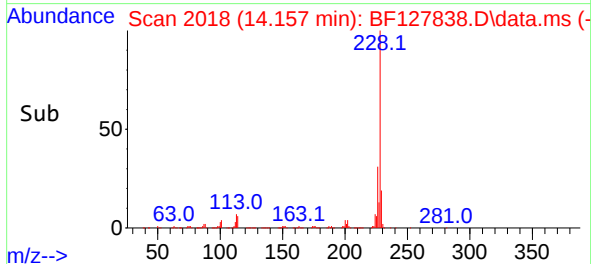
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



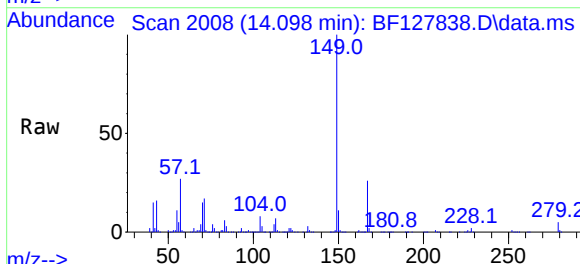
Tgt Ion:228 Resp: 355450  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.2 36.4  
229 19.4 15.4 23.2

Manual Integrations  
APPROVED

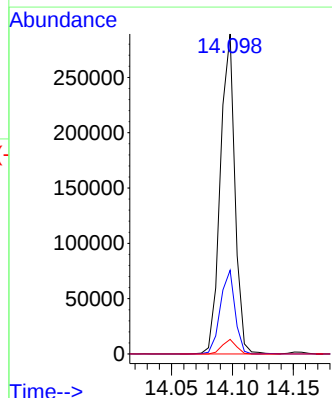
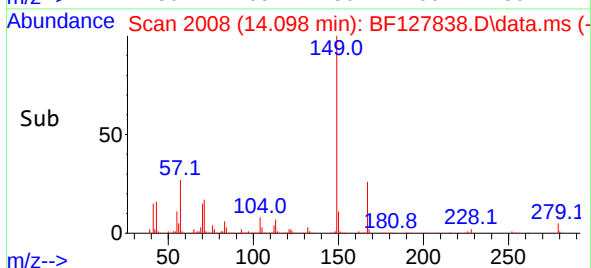
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

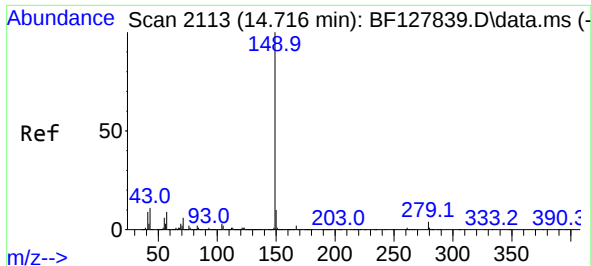


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.800 ng  
RT: 14.098 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



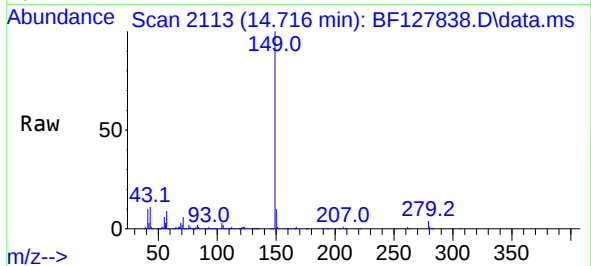
Tgt Ion:149 Resp: 241108  
Ion Ratio Lower Upper  
149 100  
167 26.1 22.9 34.3  
279 4.5 3.2 4.8





#85  
Di-n-octyl phthalate  
Concen: 19.695 ng  
RT: 14.716 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

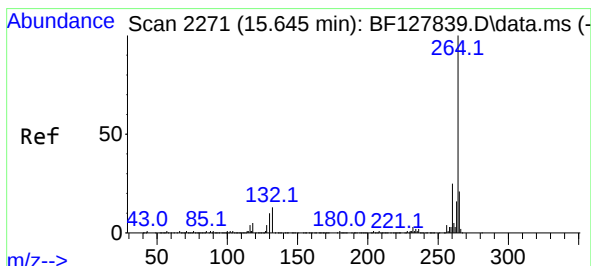
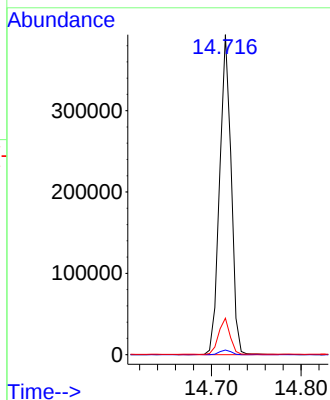
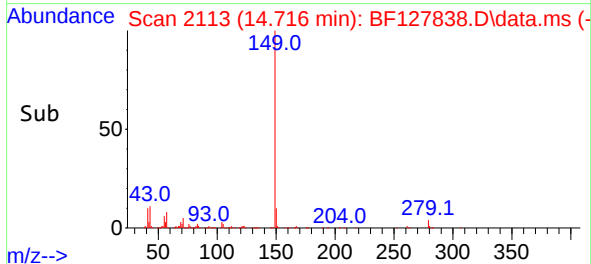
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 350673  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.0 11.0 16.6

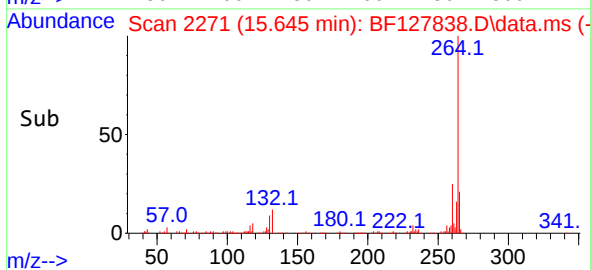
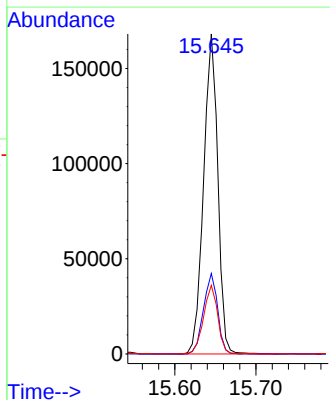
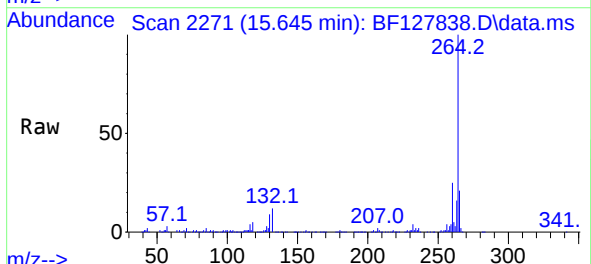
Manual Integrations  
APPROVED

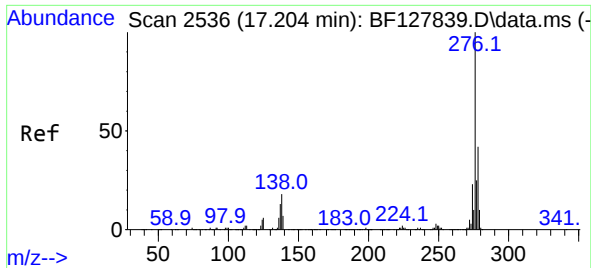
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.645 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:264 Resp: 203722  
Ion Ratio Lower Upper  
264 100  
260 25.1 19.1 28.7  
265 21.5 17.4 26.2





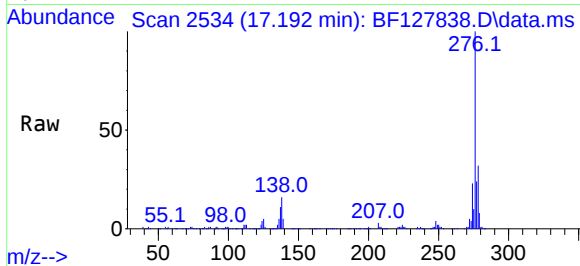
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 20.247 ng  
RT: 17.192 min Scan# 2194  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

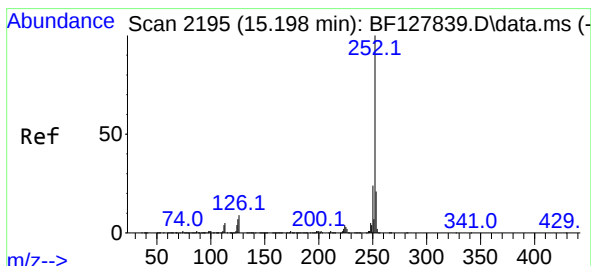
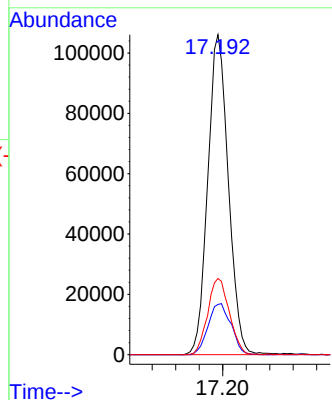
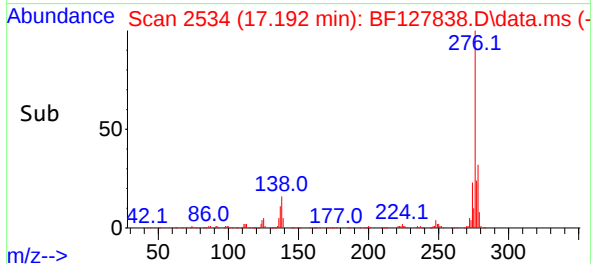


Tgt Ion:276 Resp: 257715  
Ion Ratio Lower Upper  
276 100  
138 17.7 17.1 25.7  
277 25.0 19.9 29.9

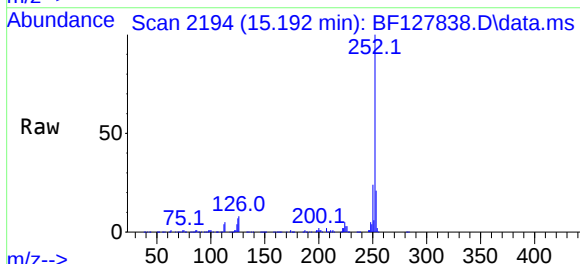
Manual Integrations

APPROVED

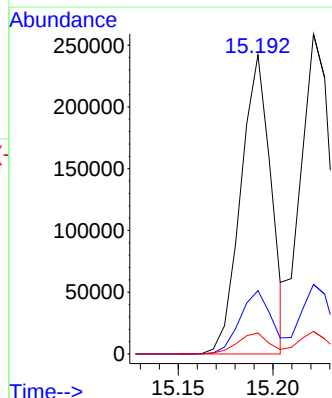
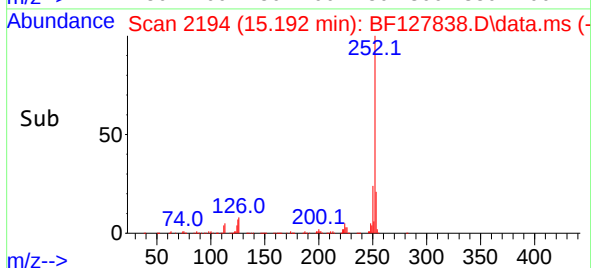
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

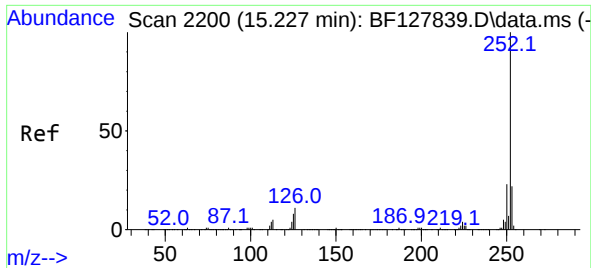


#88  
Benzo(b)fluoranthene  
Concen: 20.528 ng  
RT: 15.192 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:252 Resp: 269025  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.9 26.9  
125 7.0 7.0 10.4





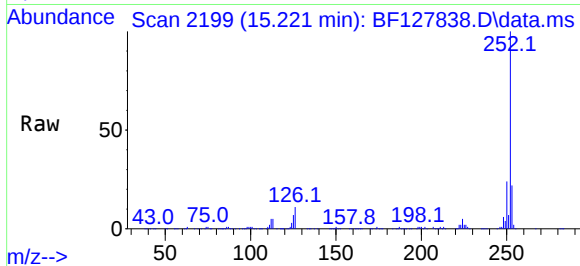
#89  
Benzo(k)fluoranthene  
Concen: 21.786 ng  
RT: 15.221 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

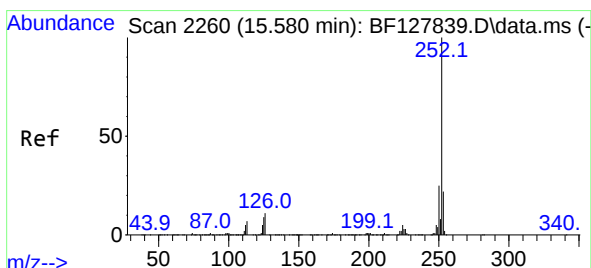
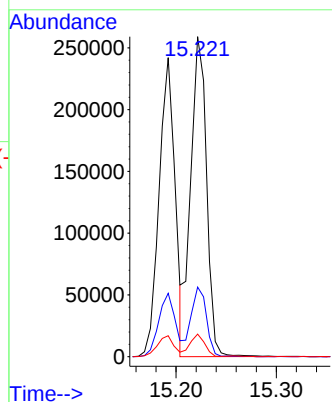
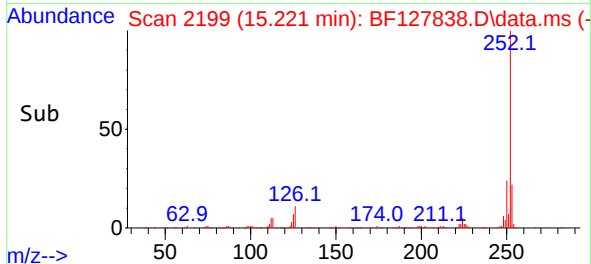


Tgt Ion:252 Resp: 283170  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 7.1 6.9 10.3

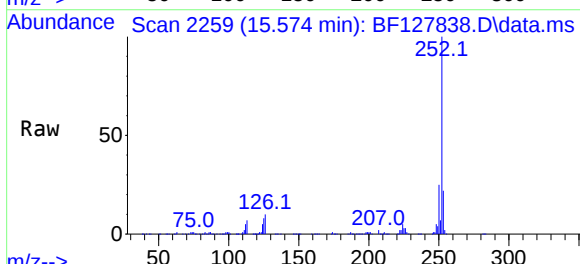
Manual Integrations

APPROVED

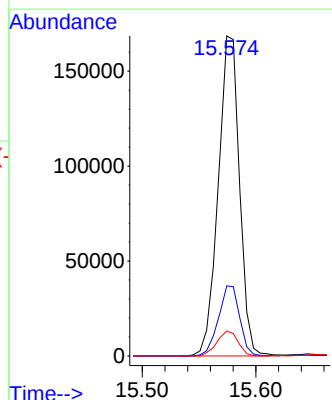
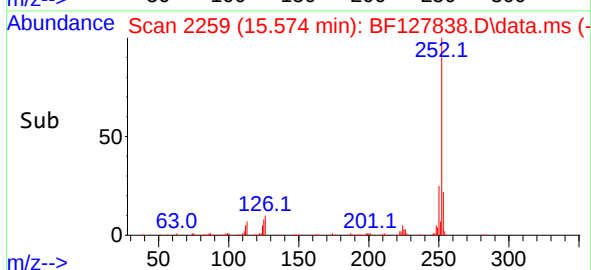
Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022

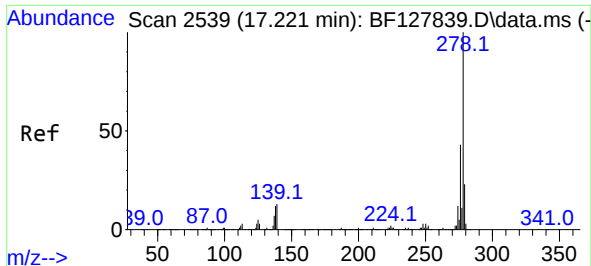


#90  
Benzo(a)pyrene  
Concen: 20.617 ng  
RT: 15.574 min Scan# 2259  
Delta R.T. -0.006 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06



Tgt Ion:252 Resp: 219617  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 7.8 6.7 10.1





#91  
Dibenzo(a,h)anthracene  
Concen: 20.831 ng  
RT: 17.210 min Scan# 21482  
Delta R.T. -0.012 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Instrument :

BNA\_F

ClientSampleId :

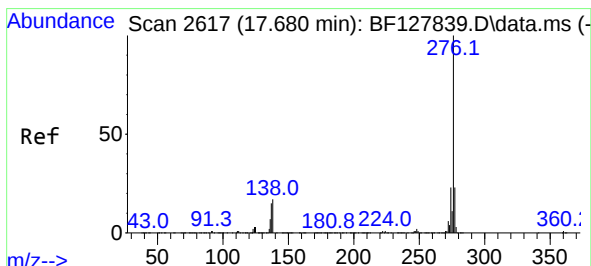
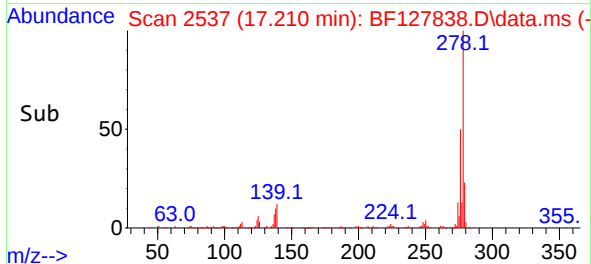
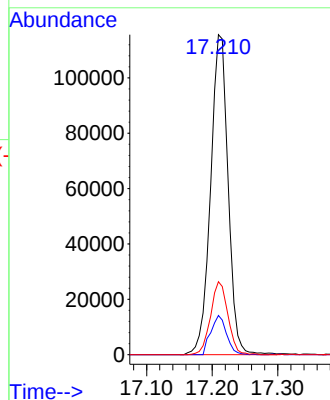
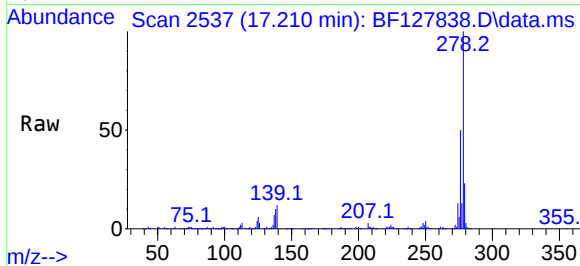
SSTDICC020

Tgt Ion:278 Resp: 21482  
Ion Ratio Lower Upper  
278 100  
139 12.2 10.8 16.2  
279 22.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2022  
Supervised By :Jagrut Upadhyay 04/20/2022



#92  
Benzo(g,h,i)perylene  
Concen: 19.945 ng  
RT: 17.662 min Scan# 2614  
Delta R.T. -0.018 min  
Lab File: BF127838.D  
Acq: 19 Apr 2022 13:06

Tgt Ion:276 Resp: 210875  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.0 28.4  
138 16.1 14.6 22.0

