

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052922\  
 Data File : BF128563.D  
 Acq On : 29 May 2022 11:07  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022  
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 00:49:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 165376   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 601813   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 328592   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 592757   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.009 | 240  | 377474   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.468 | 264  | 318242   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 776164   | 77.741 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 980578   | 77.029 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 931012   | 89.244 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 276833   | 88.512 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1661739  | 82.161 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1645003  | 84.193 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.598  | 88   | 169976   | 38.181 | ng    | 98       |
| 3) Pyridine                   | 3.340  | 79   | 440707   | 38.236 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.298  | 42   | 246694   | 40.844 | ng    | 90       |
| 6) Aniline                    | 6.504  | 93   | 566687   | 38.149 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 408103   | 39.421 | ng    | 98       |
| 9) Benzaldehyde               | 6.392  | 77   | 262416   | 50.528 | ng    | 98       |
| 10) Phenol                    | 6.481  | 94   | 497497m  | 39.439 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 389269   | 37.697 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 468778   | 39.855 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 467499   | 39.296 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 433110   | 39.554 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 387204   | 39.881 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 678103   | 37.105 | ng    | 98       |
| 17) 2-Methylphenol            | 7.092  | 107  | 336411   | 38.180 | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 171868   | 40.954 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 292505   | 37.476 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 411921   | 38.697 | ng    | 94       |
| 22) Acetophenone              | 7.251  | 105  | 553806   | 39.909 | ng    | # 93     |
| 24) Nitrobenzene              | 7.428  | 77   | 441924   | 42.849 | ng    | 97       |
| 25) Isophorone                | 7.663  | 82   | 746271   | 38.778 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 204758   | 47.502 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 338515m  | 39.509 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 474100   | 37.959 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 357046   | 40.267 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 386846   | 40.277 | ng    | 99       |
| 31) Naphthalene               | 8.145  | 128  | 1160263  | 39.391 | ng    | 100      |
| 32) Benzoic acid              | 7.892  | 122  | 271835m  | 44.882 | ng    |          |
| 33) 4-Chloroaniline           | 8.192  | 127  | 454339   | 38.740 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 261485   | 43.119 | ng    | 98       |
| 35) Caprolactam               | 8.575  | 113  | 102921   | 37.642 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 377774   | 41.472 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 729816   | 39.254 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 710291   | 39.280 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 376214   | 41.694 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 218633   | 43.104 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 269320   | 40.475 | ng    | 96       |

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

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

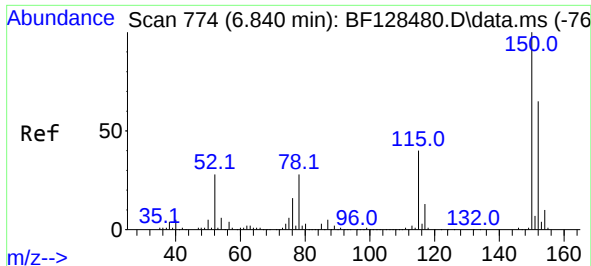
Reviewed By : Christian Giraldo 05/31/2022  
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 00:49:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 283129   | 41.296 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 921519   | 39.939 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.327  | 162  | 727534   | 40.168 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 245933   | 48.830 | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 1112231  | 39.973 | ng    | 99       |
| 50) Dimethylphthalate         | 9.604  | 163  | 856868   | 40.201 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 180242   | 46.141 | ng    | # 85     |
| 52) Acenaphthene              | 9.916  | 154  | 712905   | 41.527 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.833  | 138  | 197835   | 43.853 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.933  | 184  | 88246    | 47.561 | ng    | 96       |
| 55) Dibenzofuran              | 10.086 | 168  | 1024354  | 40.216 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 156131   | 42.650 | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 238551   | 51.044 | ng    | 91       |
| 58) Fluorene                  | 10.427 | 166  | 747687   | 40.775 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 231619   | 41.687 | ng    | 98       |
| 60) Diethylphthalate          | 10.304 | 149  | 860561   | 41.563 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.421 | 204  | 389818   | 41.900 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.451 | 138  | 196598   | 45.516 | ng    | 95       |
| 63) Azobenzene                | 10.580 | 77   | 850106   | 40.329 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.474 | 198  | 127200   | 46.615 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 715827   | 40.336 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 257636   | 42.068 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 284189   | 42.021 | ng    | 96       |
| 69) Atrazine                  | 11.069 | 200  | 215674   | 39.158 | ng    | 98       |
| 70) Pentachlorophenol         | 11.169 | 266  | 171223   | 41.546 | ng    | 99       |
| 71) Phenanthrene              | 11.392 | 178  | 1119003  | 39.851 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1115571  | 39.773 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 1040771  | 38.719 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1289094  | 40.746 | ng    | 99       |
| 75) Fluoranthene              | 12.580 | 202  | 1146103  | 38.177 | ng    | 98       |
| 77) Benzidine                 | 12.698 | 184  | 336291   | 38.625 | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 1149604  | 40.426 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 488148   | 40.697 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 875912   | 39.040 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 231227   | 40.248 | ng    | 96       |
| 83) Chrysene                  | 14.033 | 228  | 890719   | 38.766 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 624753   | 43.064 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.604 | 149  | 1011267  | 39.600 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 833178   | 44.389 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 752839   | 38.028 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 748559   | 40.811 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 631747   | 39.774 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.950 | 278  | 693953   | 44.590 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 695604   | 45.062 | ng    | 97       |

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





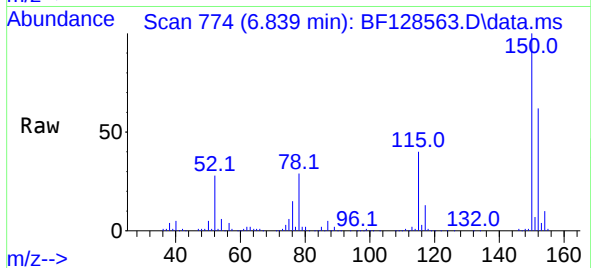
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

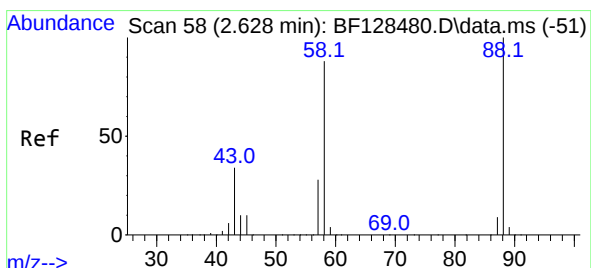
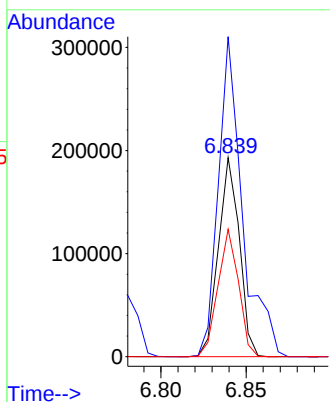
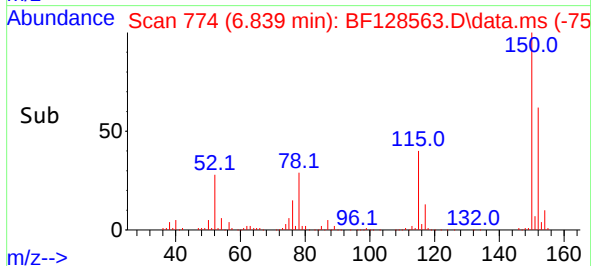


Tgt Ion:152 Resp: 165370  
Ion Ratio Lower Upper  
152 100  
150 160.8 123.7 185.5  
115 64.0 49.9 74.9

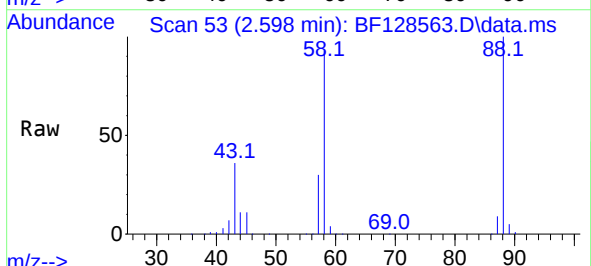
Manual Integrations

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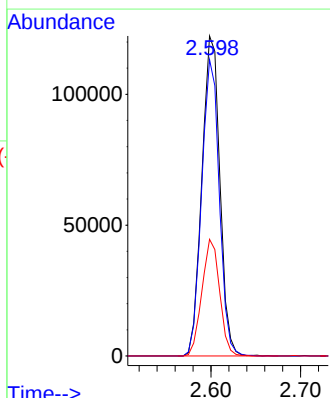
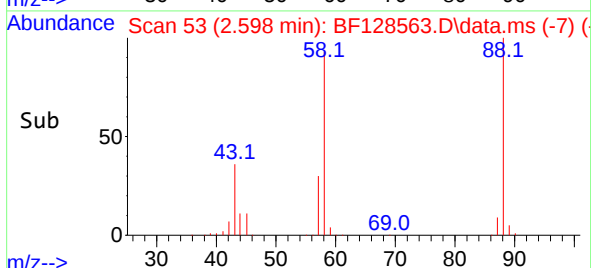
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

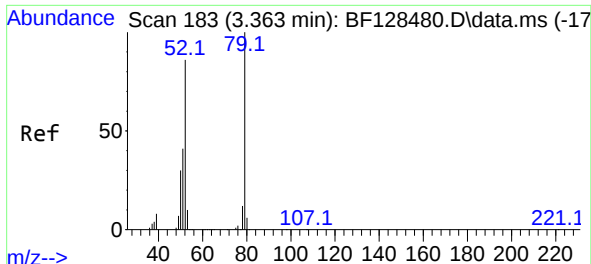


#2  
1,4-Dioxane  
Concen: 38.181 ng  
RT: 2.598 min Scan# 53  
Delta R.T. -0.030 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



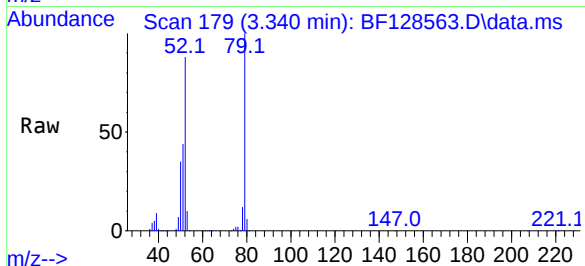
Tgt Ion: 88 Resp: 169976  
Ion Ratio Lower Upper  
88 100  
58 91.0 71.8 107.8  
43 36.0 26.6 39.8





#3  
Pyridine  
Concen: 38.236 ng  
RT: 3.340 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

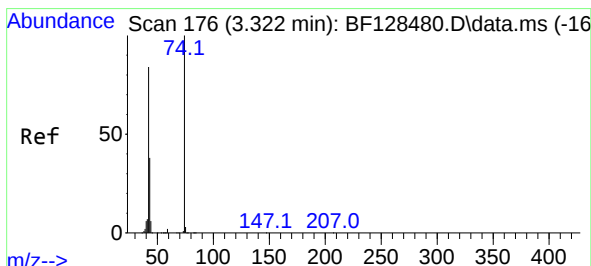
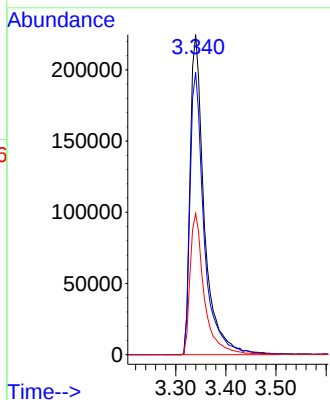
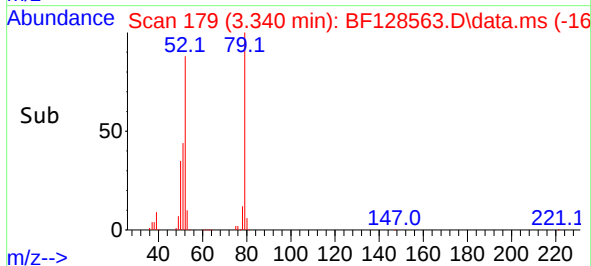
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 44070  
Ion Ratio Lower Upper  
79 100  
52 88.2 68.6 102.8  
51 44.1 32.9 49.3

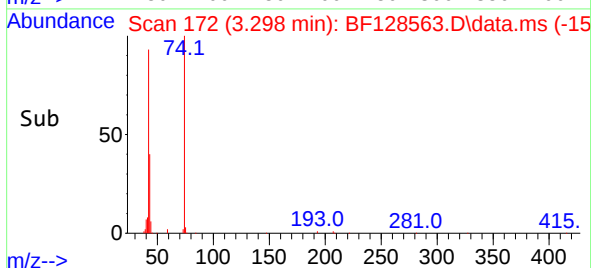
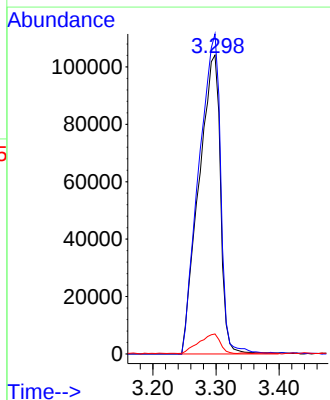
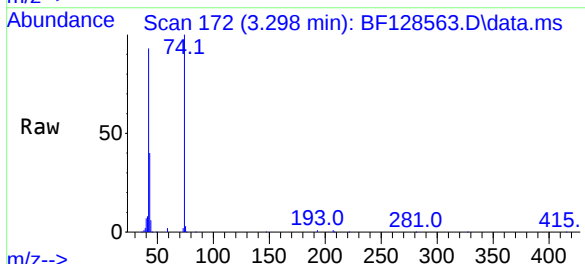
Manual Integrations  
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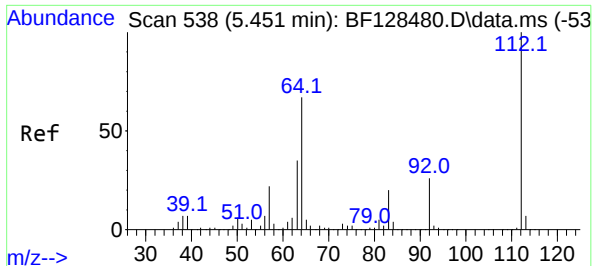
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#4  
n-Nitrosodimethylamine  
Concen: 40.844 ng  
RT: 3.298 min Scan# 172  
Delta R.T. -0.024 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion: 42 Resp: 246694  
Ion Ratio Lower Upper  
42 100  
74 107.1 94.8 142.2  
44 6.7 6.6 10.0





#5  
2-Fluorophenol  
Concen: 77.741 ng  
RT: 5.451 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

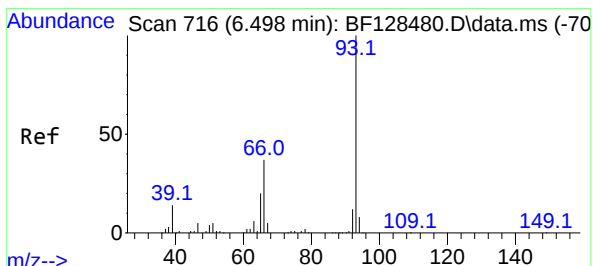
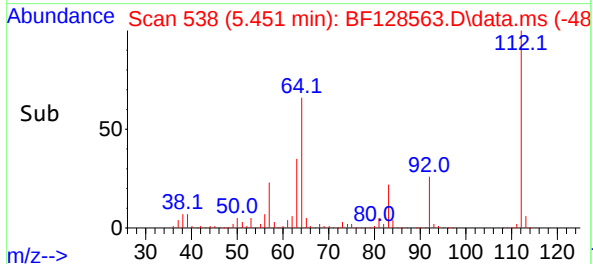
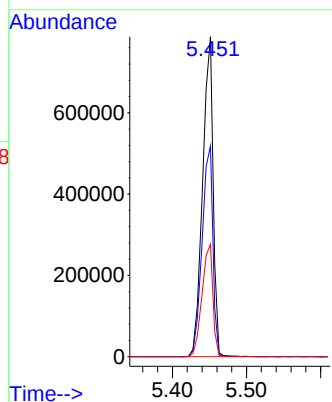
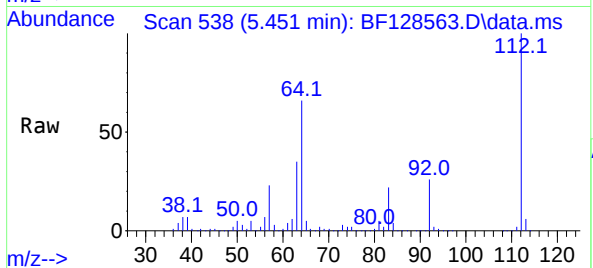
SSTDCCC040

Tgt Ion:112 Resp: 776164  
Ion Ratio Lower Upper  
112 100  
64 65.9 53.3 79.9  
63 35.1 28.0 42.0

Manual Integrations

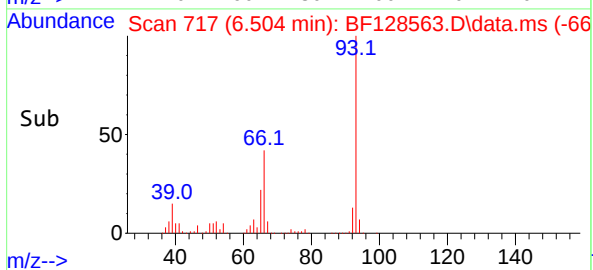
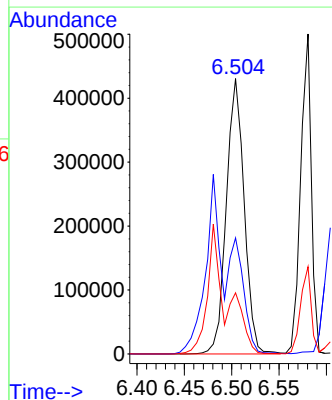
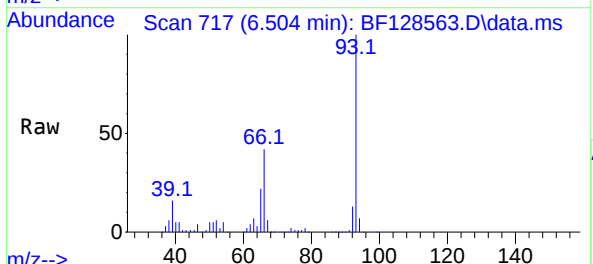
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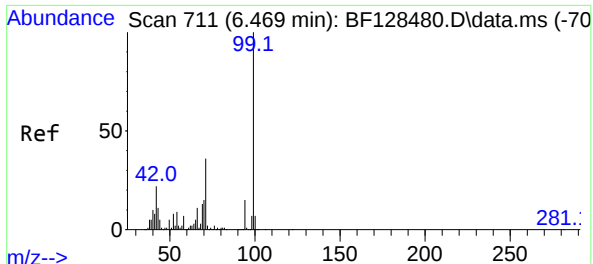
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#6  
Aniline  
Concen: 38.149 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

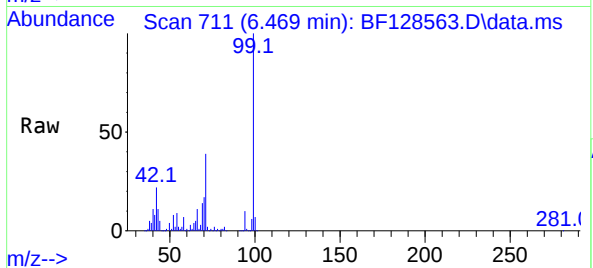
Tgt Ion: 93 Resp: 566687  
Ion Ratio Lower Upper  
93 100  
66 42.1 32.5 48.7  
65 22.2 16.4 24.6





#7  
Phenol-d6  
Concen: 77.029 ng  
RT: 6.469 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

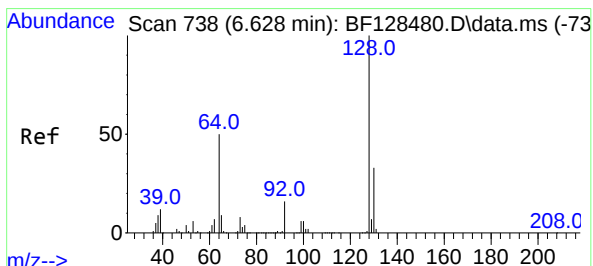
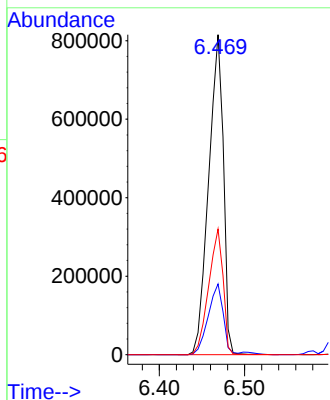
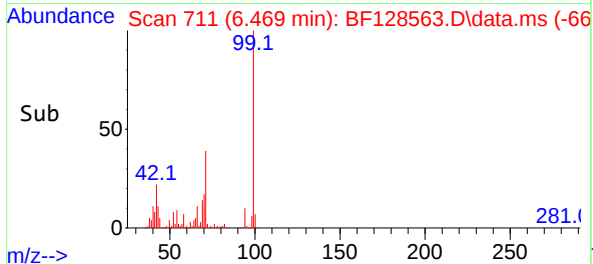
Instrument :  
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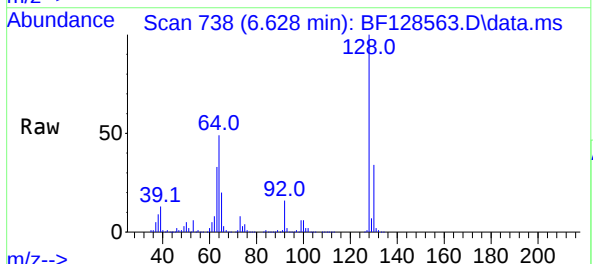
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Ion Ratio Lower Upper  
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42 22.1 17.3 25.9  
71 39.2 28.9 43.3

Manual Integrations  
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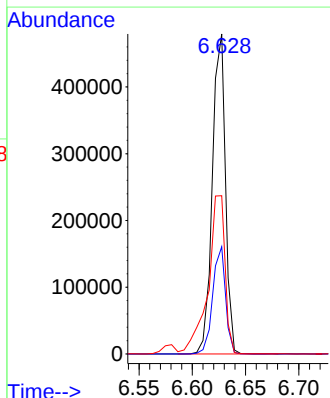
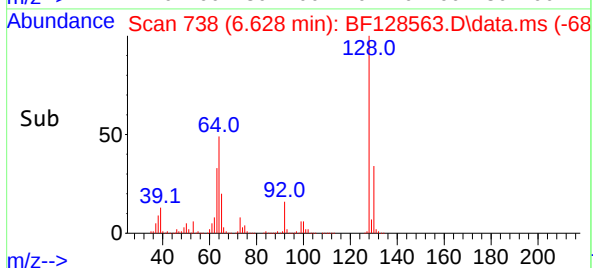
Reviewed By :Christian Giraldo 05/31/2022  
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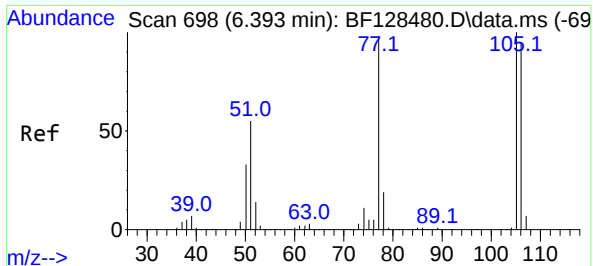


#8  
2-Chlorophenol  
Concen: 39.421 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:128 Resp: 408103  
Ion Ratio Lower Upper  
128 100  
130 33.5 13.1 53.1  
64 49.5 30.9 70.9





#9  
Benzaldehyde  
Concen: 50.528 ng  
RT: 6.392 min Scan# 698  
Delta R.T. -0.001 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

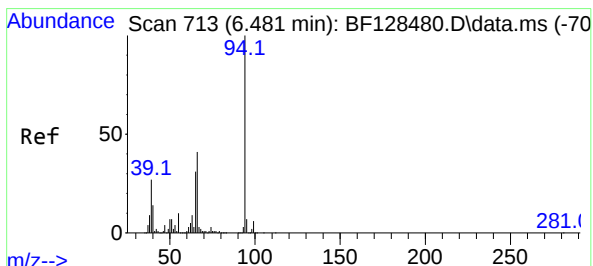
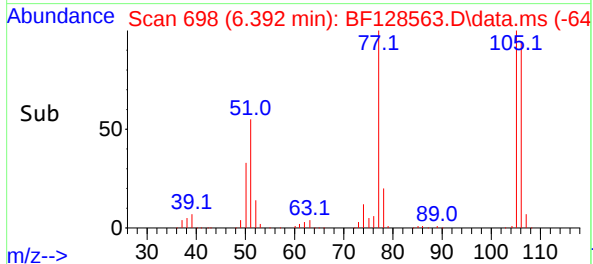
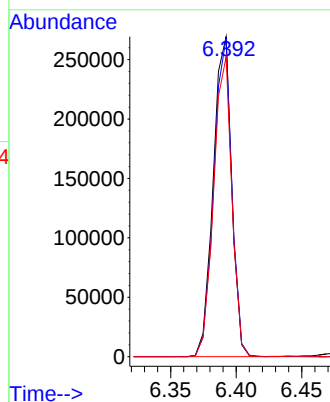
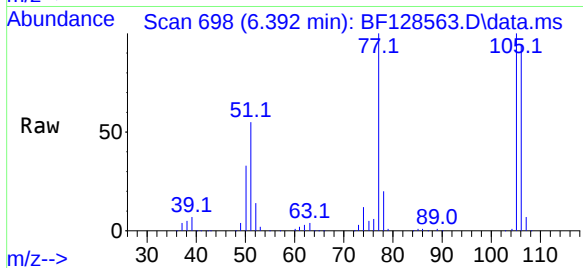
SSTDCCC040

Tgt Ion: 77 Resp: 262410  
Ion Ratio Lower Upper  
77 100  
105 99.5 81.6 121.6  
106 93.7 76.1 116.1

Manual Integrations

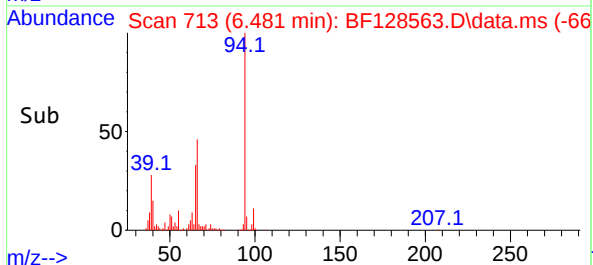
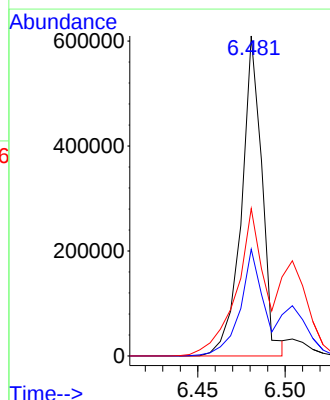
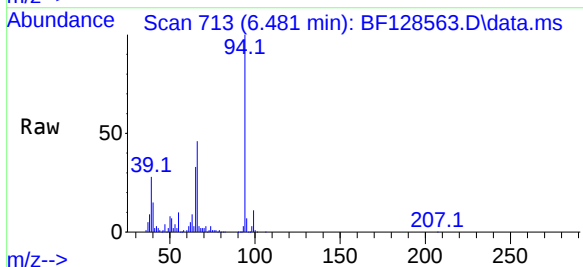
APPROVED

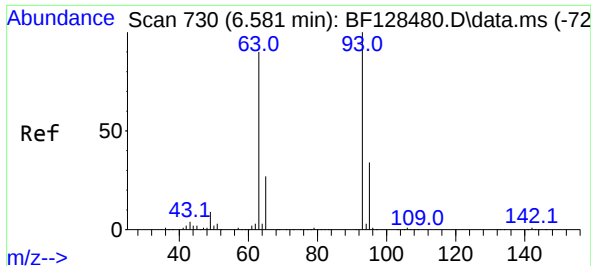
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#10  
Phenol  
Concen: 39.439 ng m  
RT: 6.481 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion: 94 Resp: 497497  
Ion Ratio Lower Upper  
94 100  
65 33.3 11.4 51.4  
66 46.1 21.4 61.4





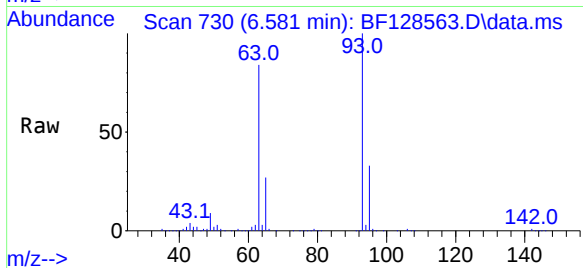
#11  
bis(2-Chloroethyl)ether  
Concen: 37.697 ng  
RT: 6.581 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

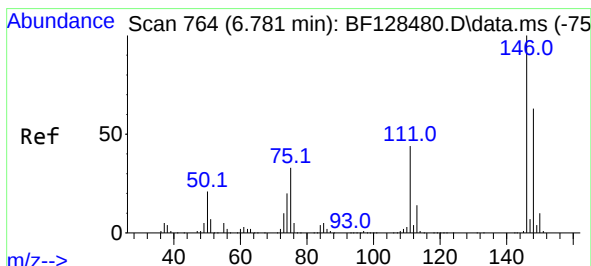
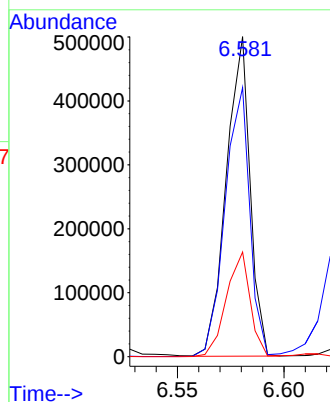
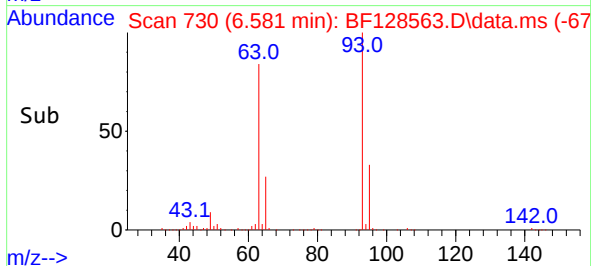


Tgt Ion: 93 Resp: 389269  
Ion Ratio Lower Upper  
93 100  
63 84.1 67.4 107.4  
95 32.7 12.7 52.7

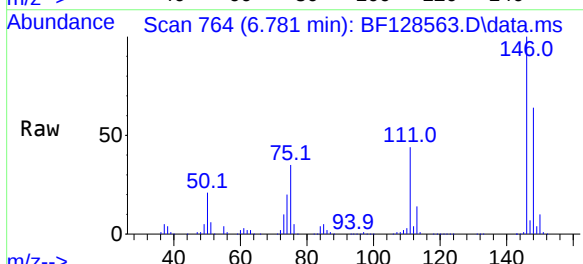
Manual Integrations

APPROVED

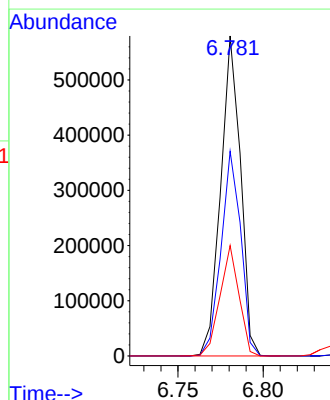
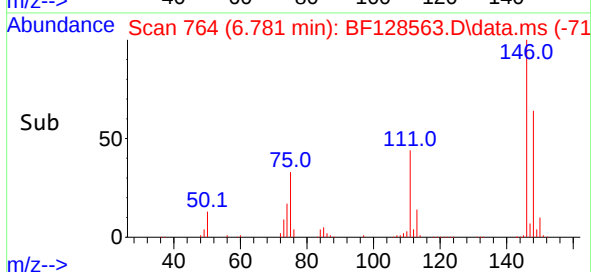
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

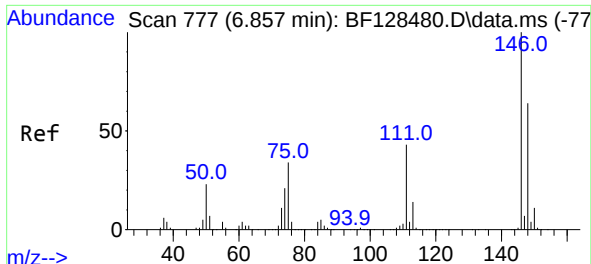


#12  
1,3-Dichlorobenzene  
Concen: 39.855 ng  
RT: 6.781 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



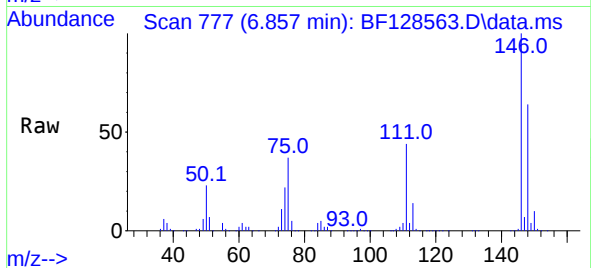
Tgt Ion:146 Resp: 468778  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 75.8  
75 34.5 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 39.296 ng  
RT: 6.857 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

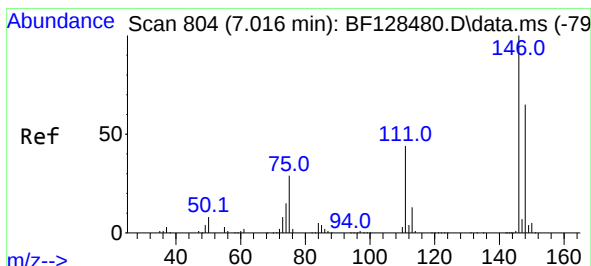
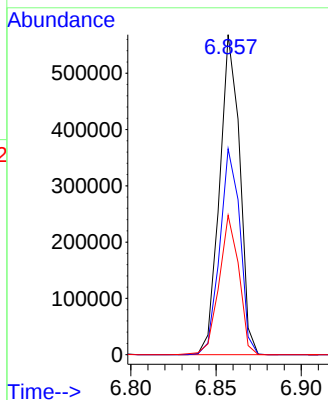
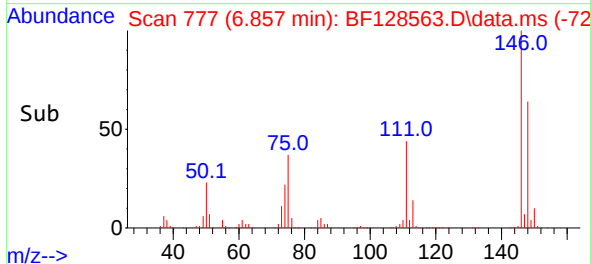
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



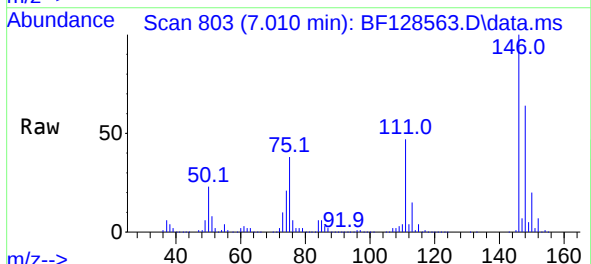
Tgt Ion:146 Resp: 467499  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.1 76.7  
111 43.5 34.2 51.4

Manual Integrations  
APPROVED

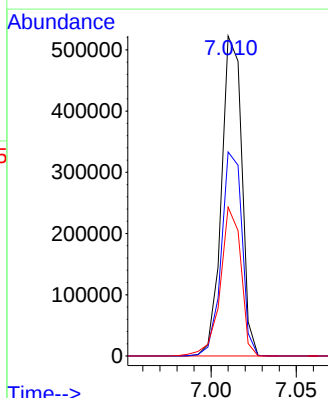
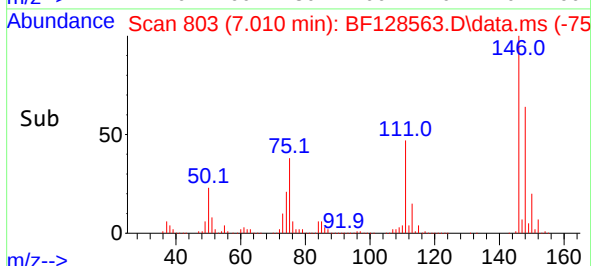
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

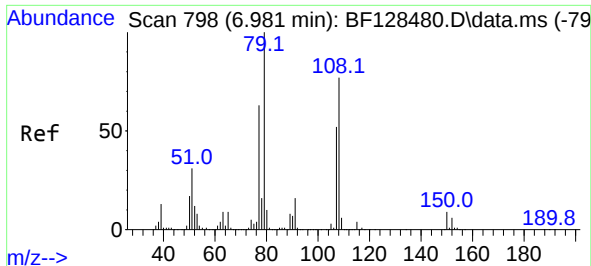


#14  
1,2-Dichlorobenzene  
Concen: 39.554 ng  
RT: 7.010 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



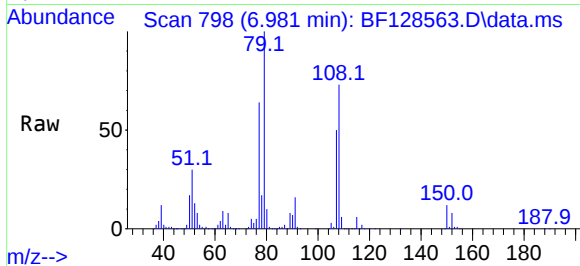
Tgt Ion:146 Resp: 433110  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.8 77.8  
111 46.5 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 39.881 ng  
RT: 6.981 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

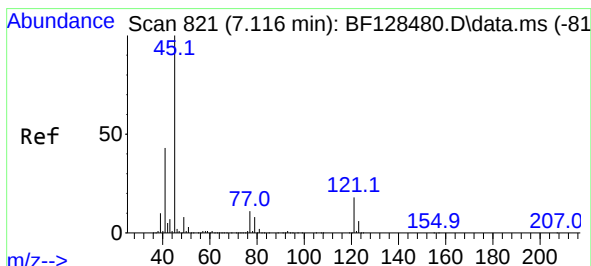
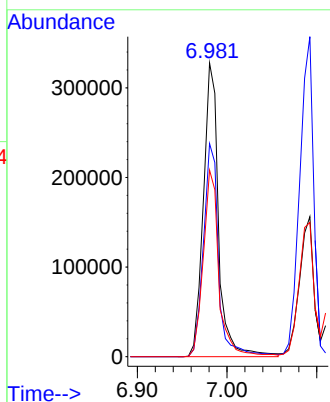
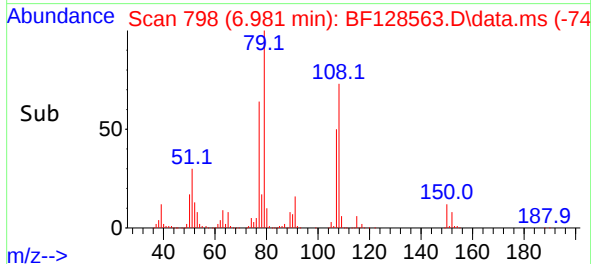
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



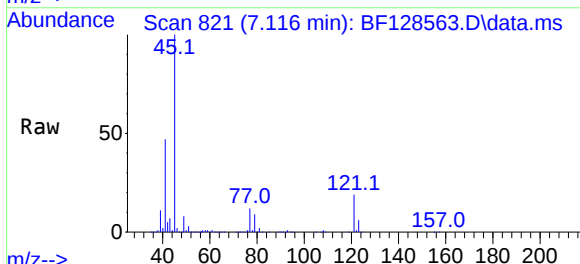
Tgt Ion: 79 Resp: 387204  
Ion Ratio Lower Upper  
79 100  
108 72.5 61.8 92.6  
77 63.5 50.2 75.4

Manual Integrations  
APPROVED

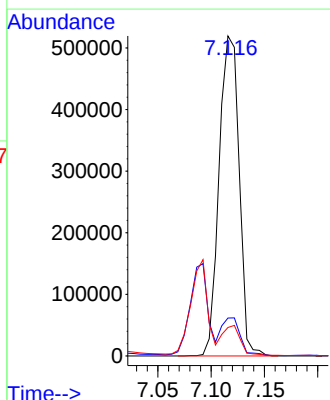
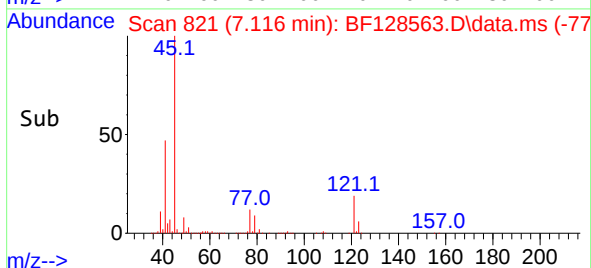
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

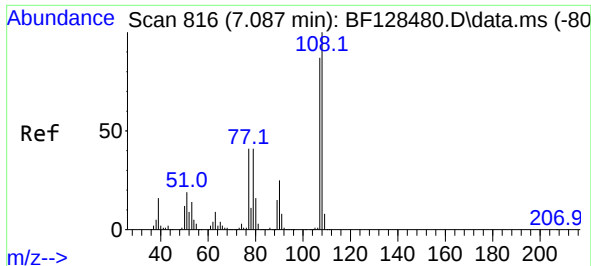


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.105 ng  
RT: 7.116 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



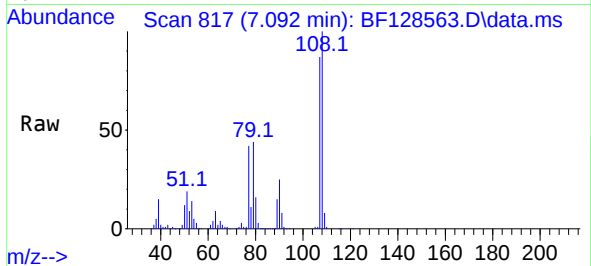
Tgt Ion: 45 Resp: 678103  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 31.3  
79 8.9 0.0 28.3





#17  
2-Methylphenol  
Concen: 38.180 ng  
RT: 7.092 min Scan# 816  
Delta R.T. 0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

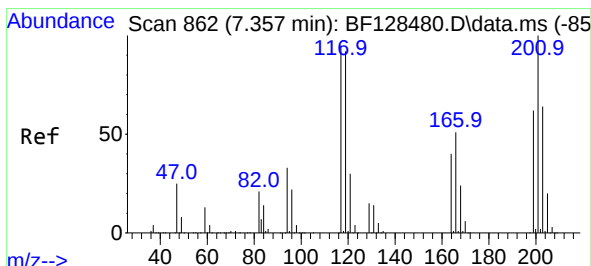
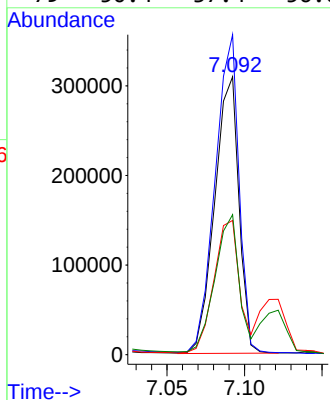
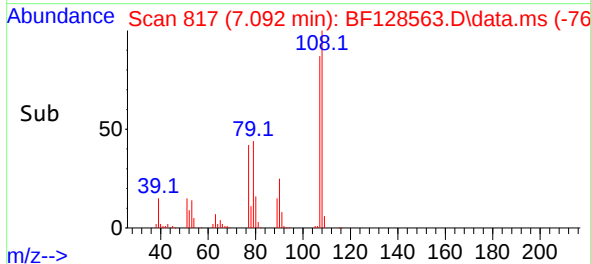
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 33641  
Ion Ratio Lower Upper  
107 100  
108 115.2 91.9 137.9  
77 48.3 37.8 56.8  
79 50.4 37.4 56.0

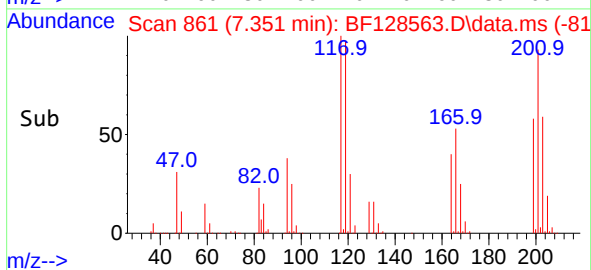
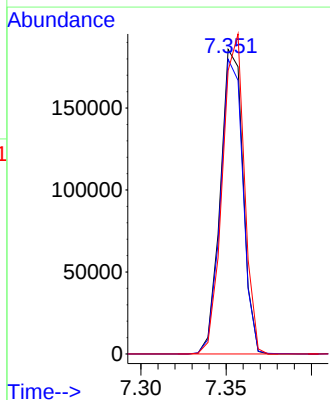
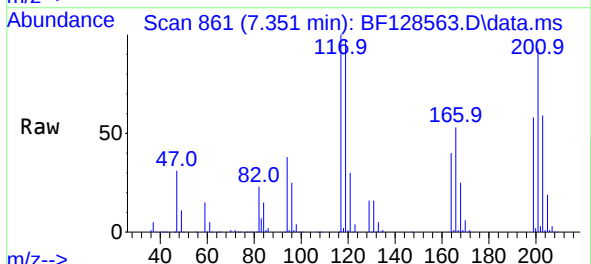
Manual Integrations  
APPROVED

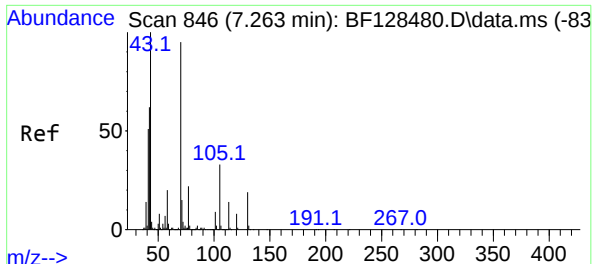
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#18  
Hexachloroethane  
Concen: 40.954 ng  
RT: 7.351 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

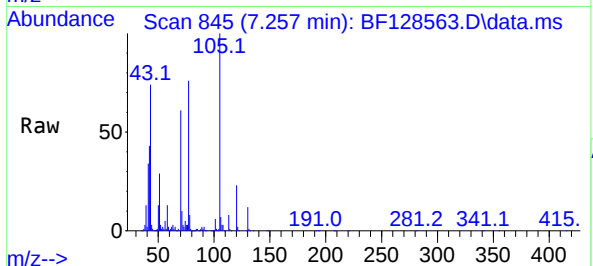
Tgt Ion:117 Resp: 171868  
Ion Ratio Lower Upper  
117 100  
119 96.8 77.4 116.2  
201 93.0 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.476 ng  
RT: 7.257 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

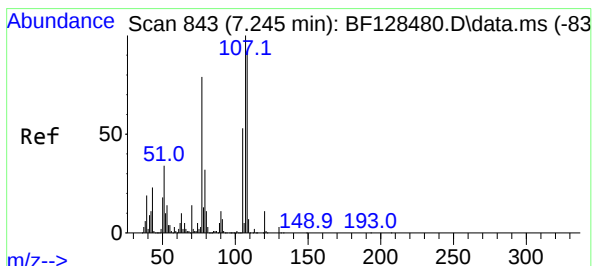
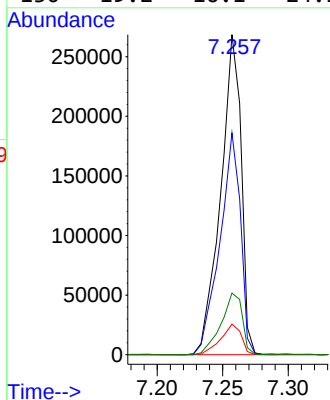
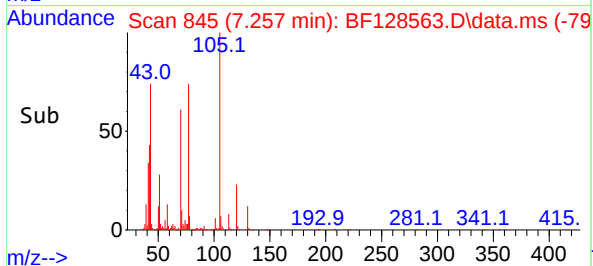
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



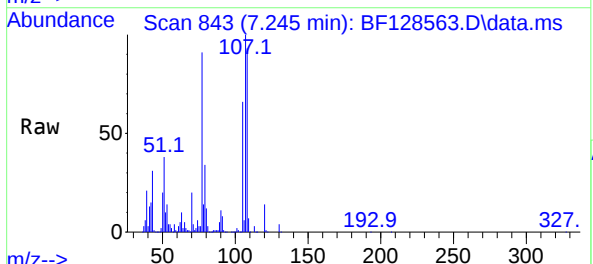
Tgt Ion: 70 Resp: 292509  
Ion Ratio Lower Upper  
70 100  
42 69.3 52.3 78.5  
101 9.5 7.5 11.3  
130 19.2 16.1 24.1

Manual Integrations  
APPROVED

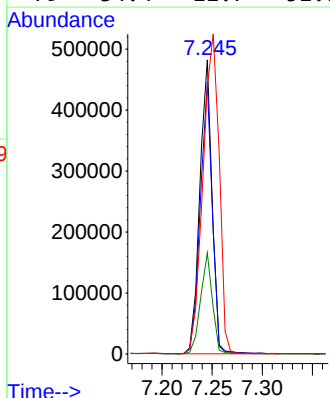
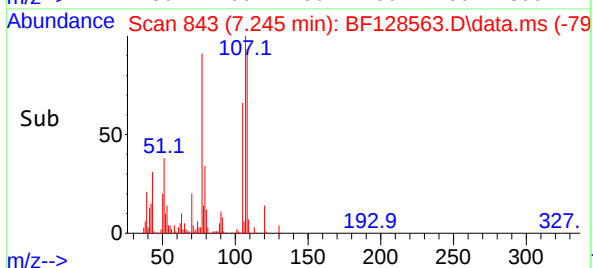
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

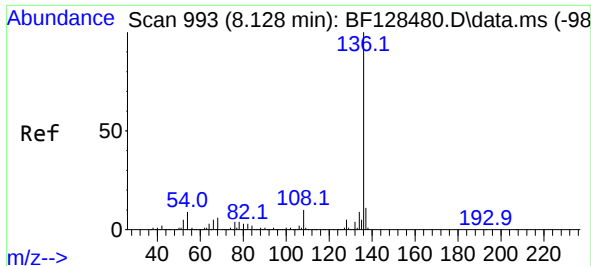


#20  
3+4-Methylphenols  
Concen: 38.697 ng  
RT: 7.245 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:107 Resp: 411921  
Ion Ratio Lower Upper  
107 100  
108 92.5 71.8 111.8  
77 91.1 59.3 99.3  
79 34.4 11.7 51.7





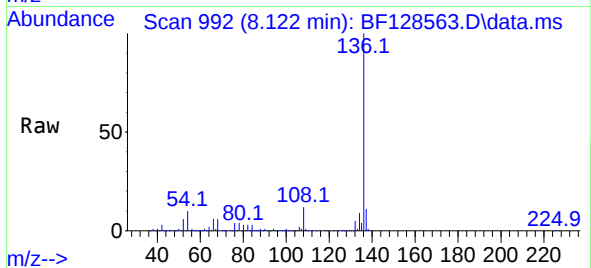
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

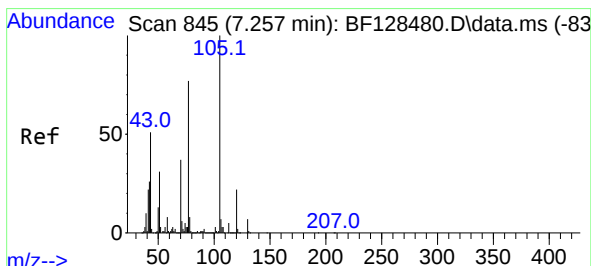
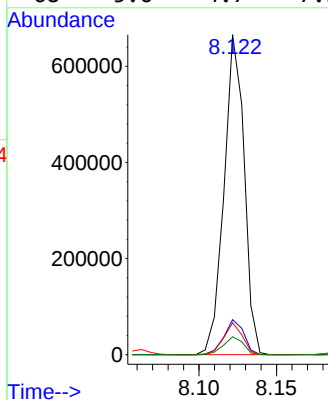
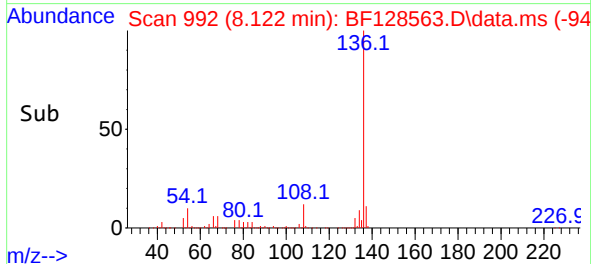


Tgt Ion:136 Resp: 601811  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.0 7.5 11.3  
68 5.6 4.7 7.1

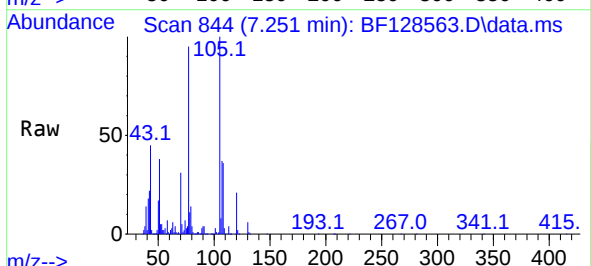
Manual Integrations

APPROVED

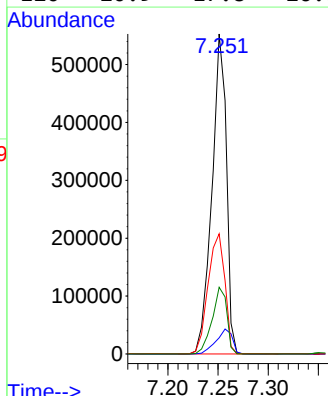
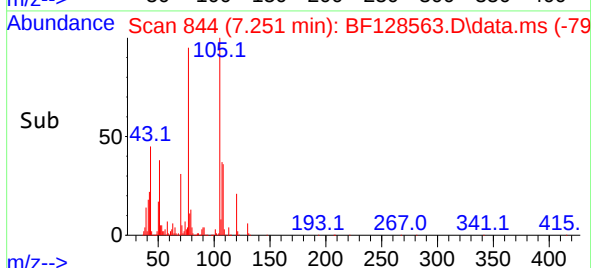
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

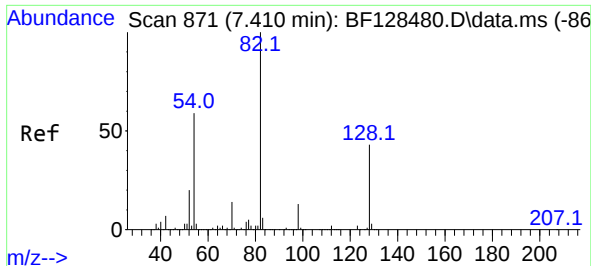


#22  
Acetophenone  
Concen: 39.909 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:105 Resp: 553806  
Ion Ratio Lower Upper  
105 100  
71 5.0 5.0 7.4  
51 37.5 25.0 37.4#  
120 20.9 17.8 26.8





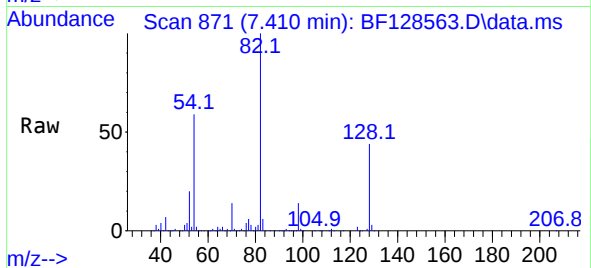
#23  
Nitrobenzene-d5  
Concen: 89.244 ng  
RT: 7.410 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

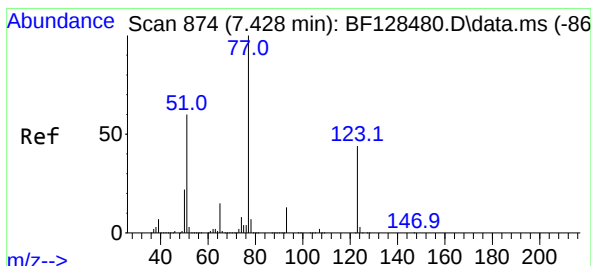
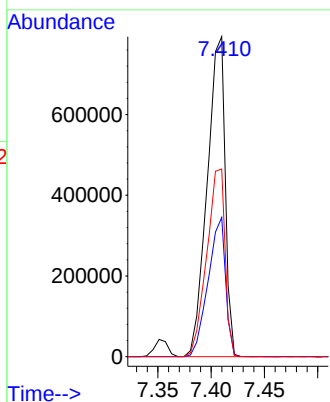
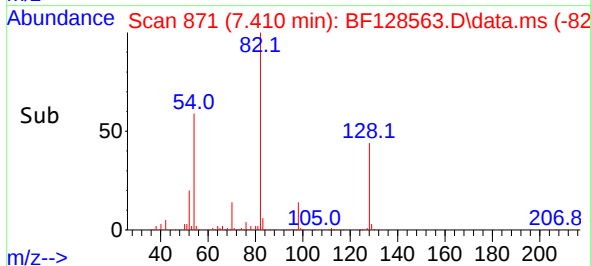


Tgt Ion: 82 Resp: 931012  
Ion Ratio Lower Upper  
82 100  
128 43.5 34.0 51.0  
54 58.7 46.9 70.3

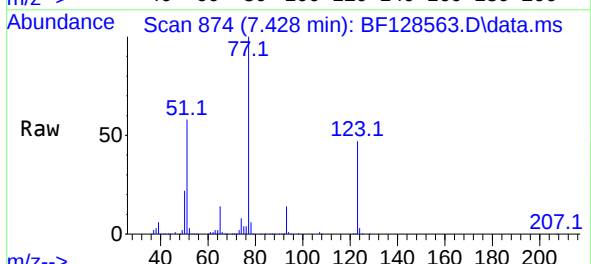
Manual Integrations

APPROVED

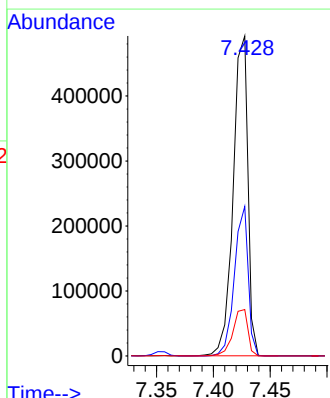
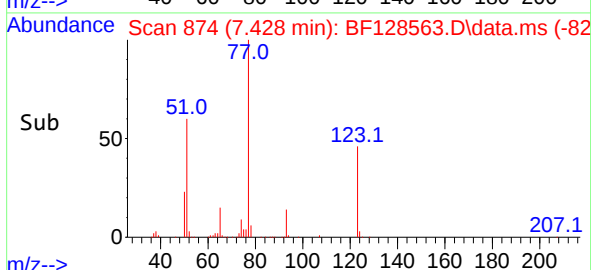
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

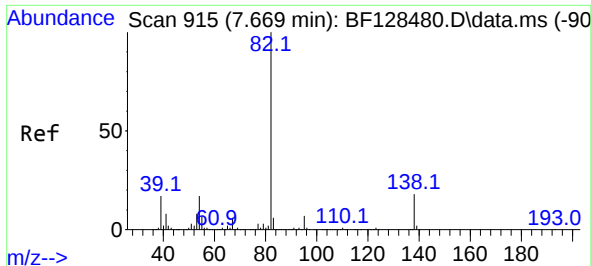


#24  
Nitrobenzene  
Concen: 42.849 ng  
RT: 7.428 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



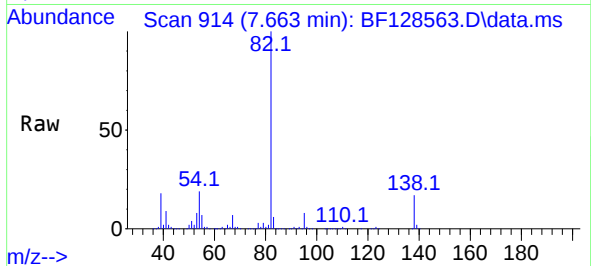
Tgt Ion: 77 Resp: 441924  
Ion Ratio Lower Upper  
77 100  
123 46.7 35.4 53.2  
65 14.5 11.8 17.8





#25  
Isophorone  
Concen: 38.778 ng  
RT: 7.663 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

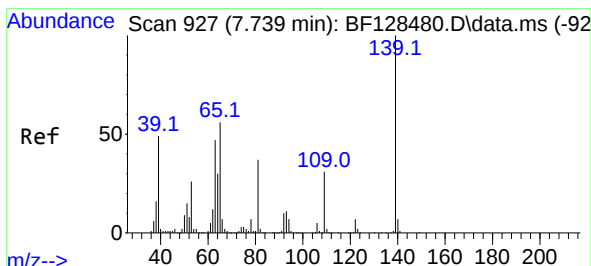
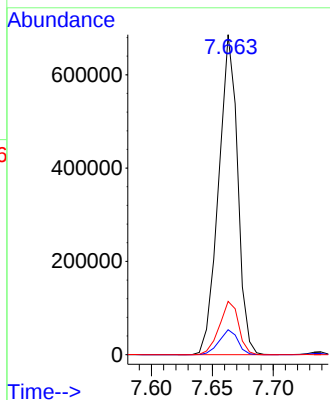
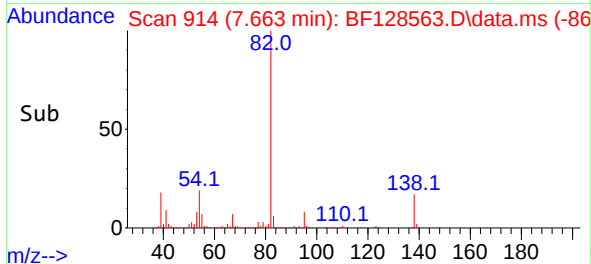
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 74627  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.7 8.5  
138 16.6 14.2 21.2

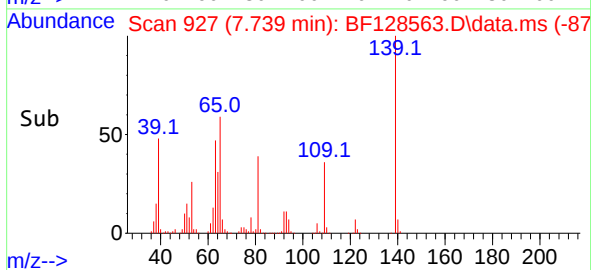
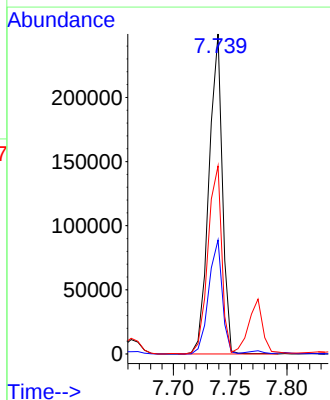
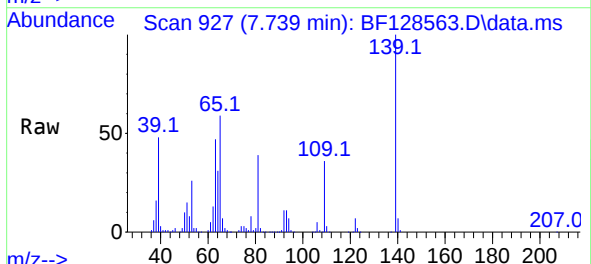
Manual Integrations  
APPROVED

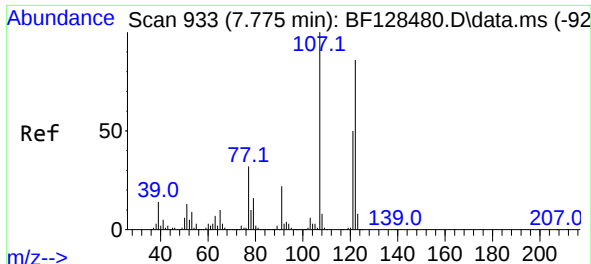
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#26  
2-Nitrophenol  
Concen: 47.502 ng  
RT: 7.739 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion:139 Resp: 204758  
Ion Ratio Lower Upper  
139 100  
109 35.6 25.0 37.4  
65 58.7 45.1 67.7





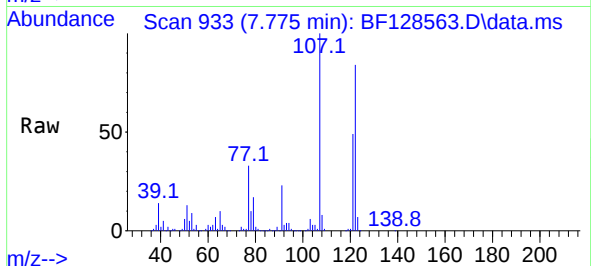
#27  
2,4-Dimethylphenol  
Concen: 39.509 ng m  
RT: 7.775 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

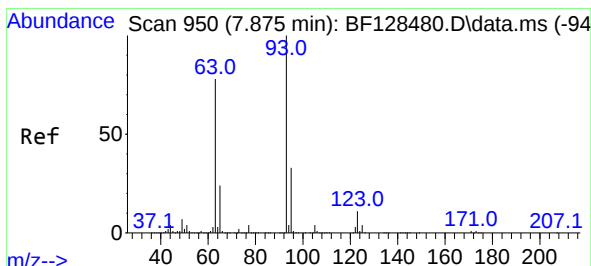
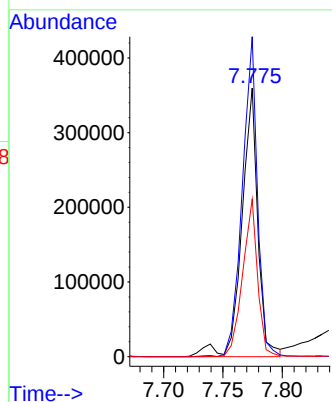


Tgt Ion:122 Resp: 33851  
Ion Ratio Lower Upper  
122 100  
107 119.1 93.0 139.6  
121 58.6 46.6 70.0

Manual Integrations

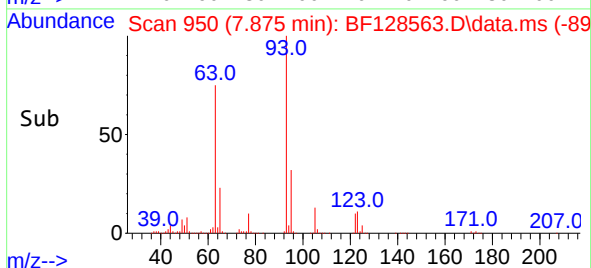
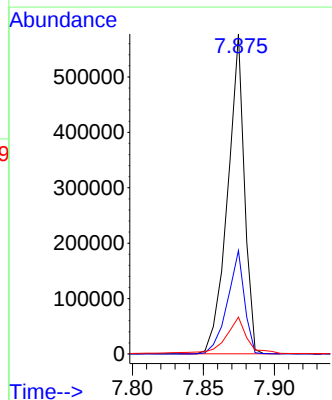
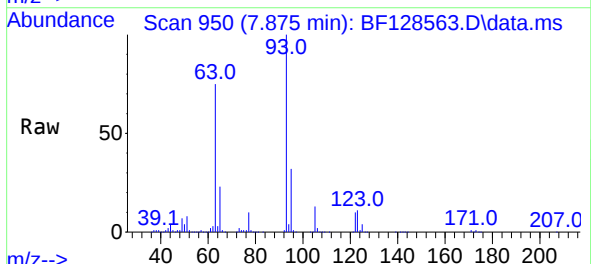
APPROVED

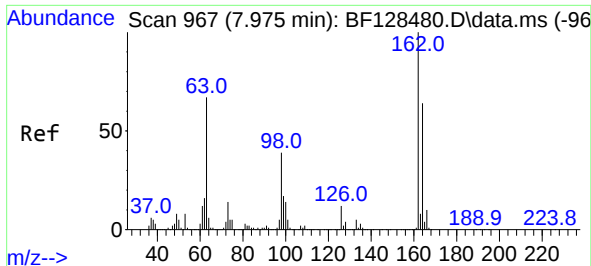
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.959 ng  
RT: 7.875 min Scan# 950  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion: 93 Resp: 474100  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.8 40.2  
123 11.5 9.2 13.8





#29  
2,4-Dichlorophenol  
Concen: 40.267 ng  
RT: 7.975 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

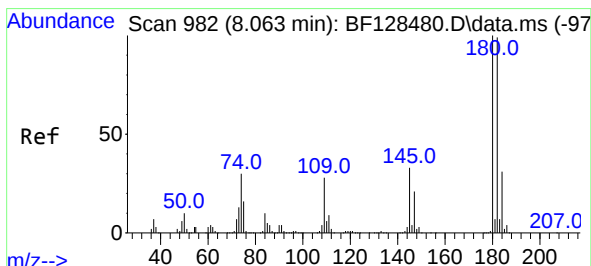
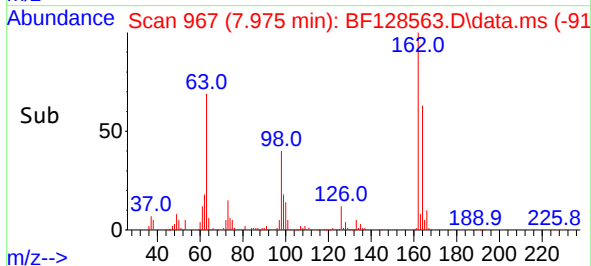
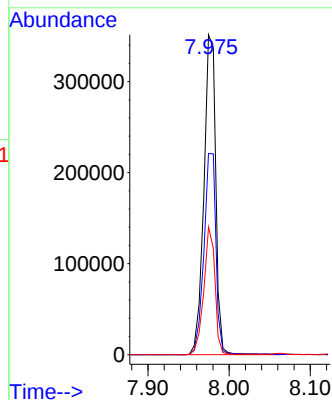
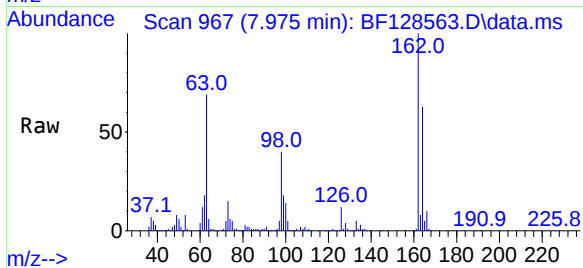
SSTDCCC040

Tgt Ion:162 Resp: 357040  
Ion Ratio Lower Upper  
162 100  
164 62.9 44.2 84.2  
98 39.9 19.6 59.6

Manual Integrations

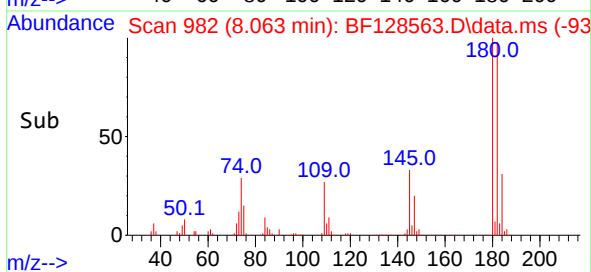
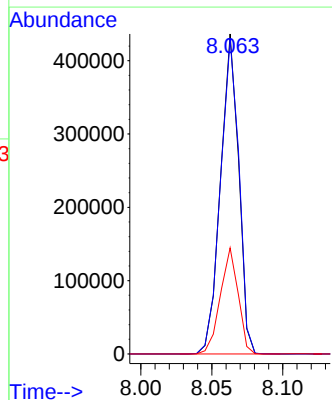
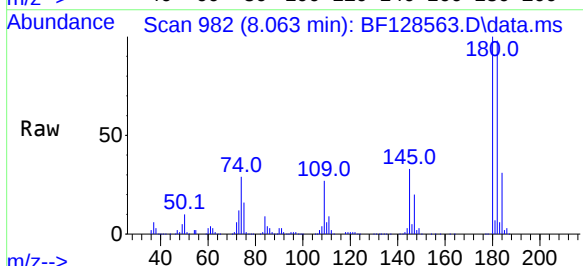
APPROVED

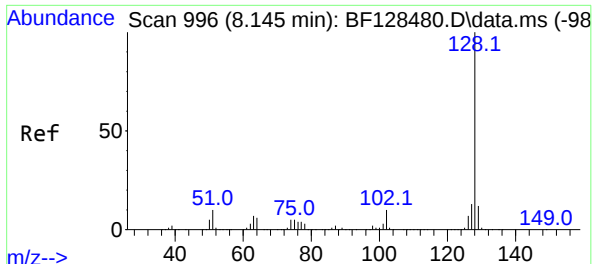
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 40.277 ng  
RT: 8.063 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion:180 Resp: 386846  
Ion Ratio Lower Upper  
180 100  
182 98.4 79.2 118.8  
145 33.2 26.2 39.2





#31

Naphthalene

Concen: 39.391 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF128563.D

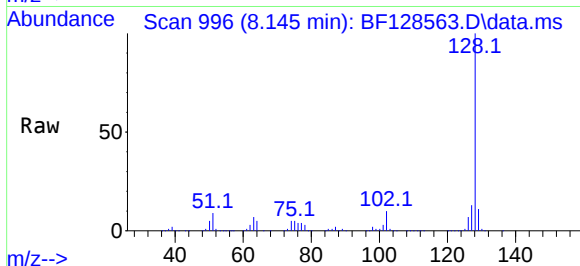
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:128 Resp: 116026

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

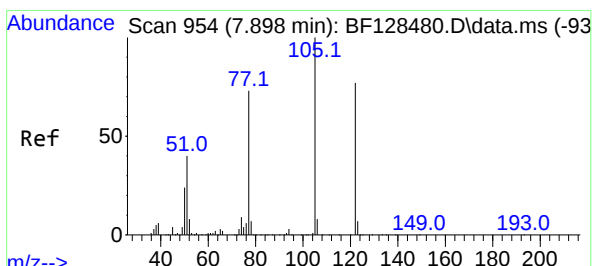
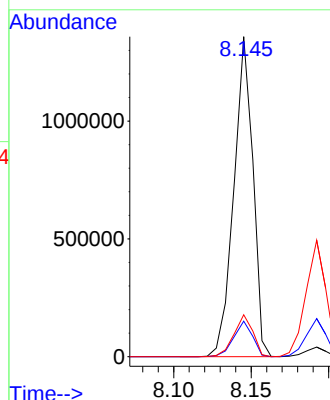
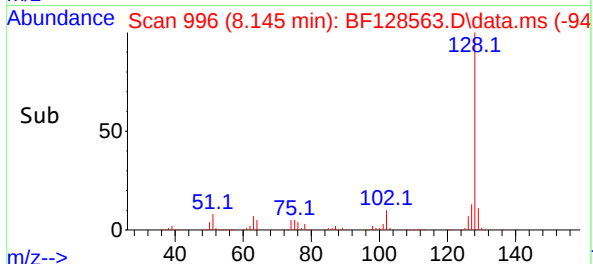
127 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#32

Benzoic acid

Concen: 44.882 ng m

RT: 7.892 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

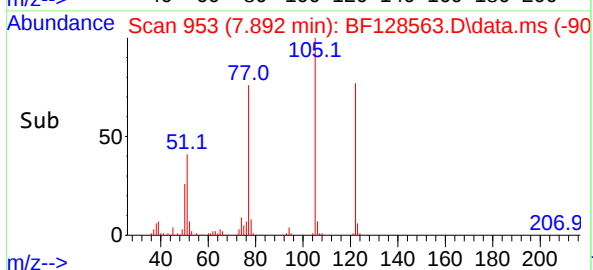
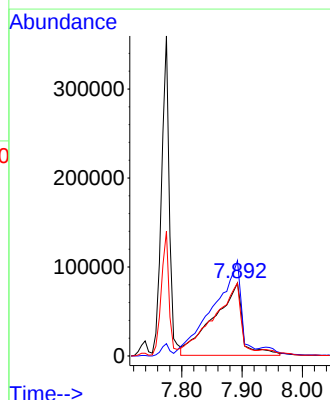
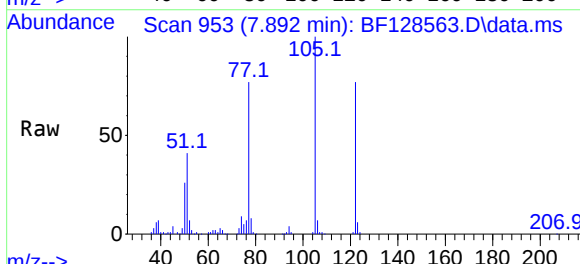
Tgt Ion:122 Resp: 271835

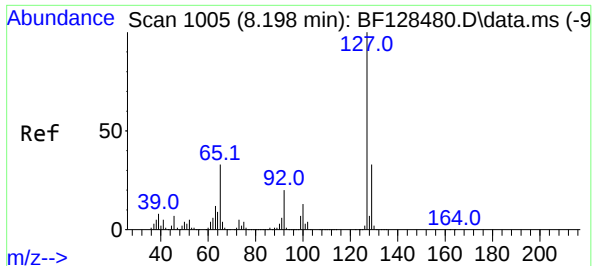
Ion Ratio Lower Upper

122 100

105 130.5 107.1 147.1

77 99.9 74.2 114.2





#33

4-Chloroaniline

Concen: 38.740 ng

RT: 8.192 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 454339

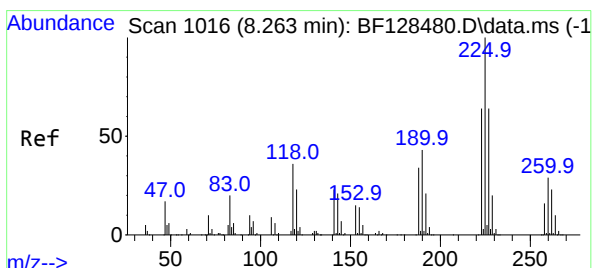
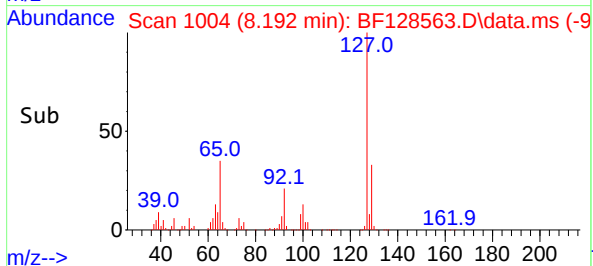
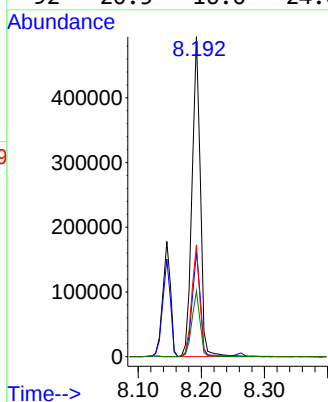
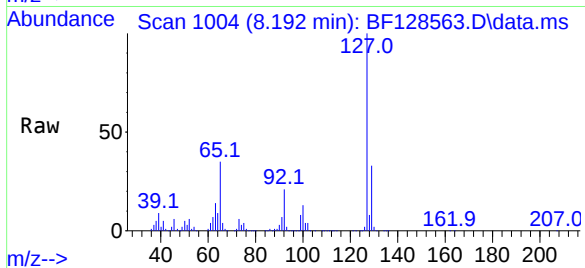
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.7  | 26.4  | 39.6  |
| 65  | 35.0  | 26.4  | 39.6  |
| 92  | 20.5  | 16.0  | 24.0  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#34

Hexachlorobutadiene

Concen: 43.119 ng

RT: 8.263 min Scan# 1016

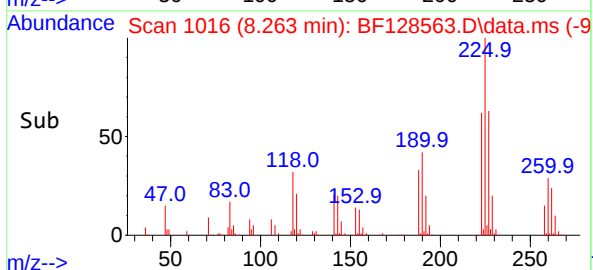
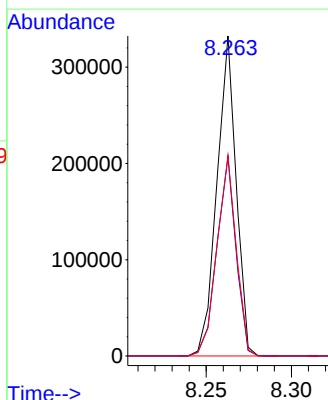
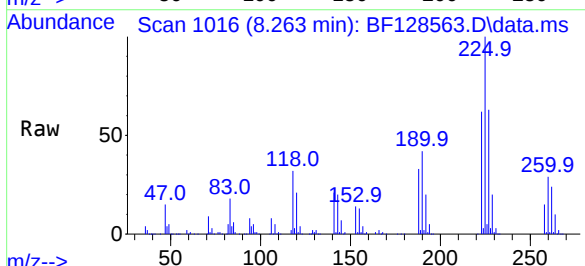
Delta R.T. -0.000 min

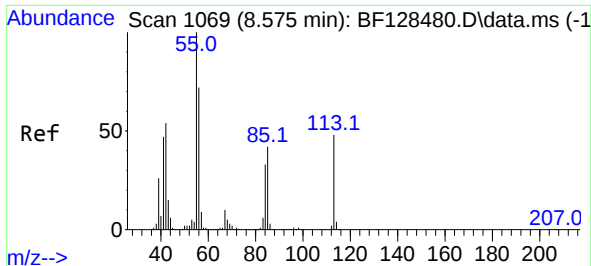
Lab File: BF128563.D

Acq: 29 May 2022 11:07

Tgt Ion:225 Resp: 261485

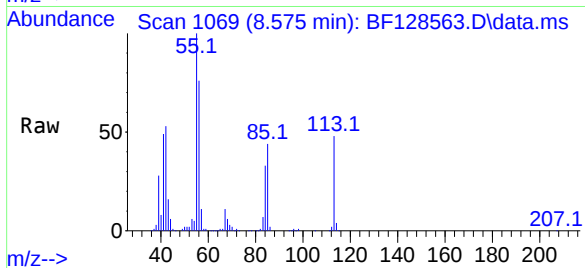
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.1  | 51.0  | 76.6  |
| 227 | 62.6  | 51.1  | 76.7  |





#35  
Caprolactam  
Concen: 37.642 ng  
RT: 8.575 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

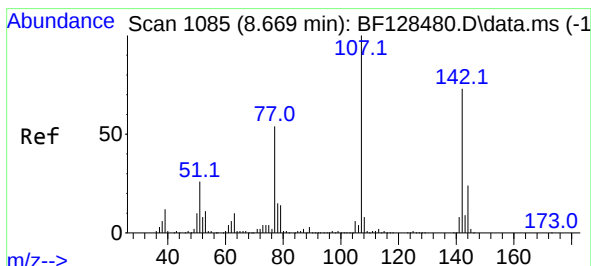
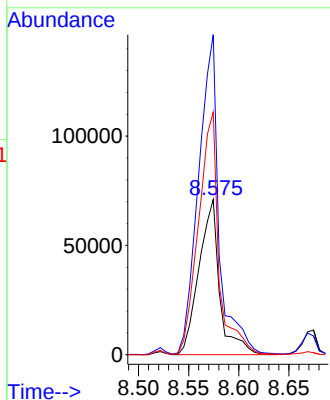
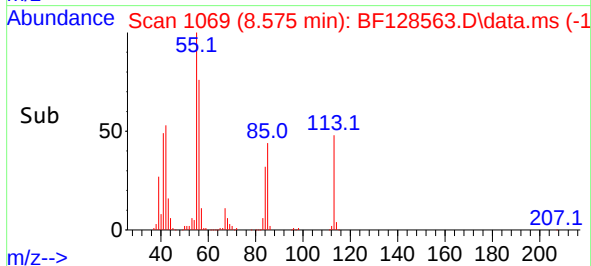
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



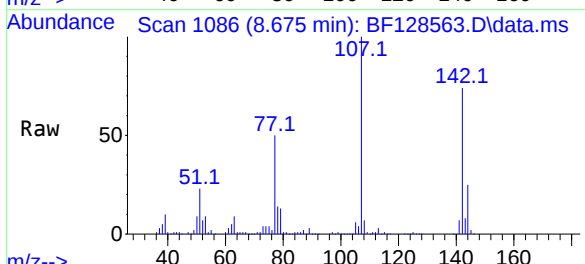
Tgt Ion:113 Resp: 102920  
Ion Ratio Lower Upper  
113 100  
55 206.2 188.5 228.5  
56 156.3 130.6 170.6

Manual Integrations  
APPROVED

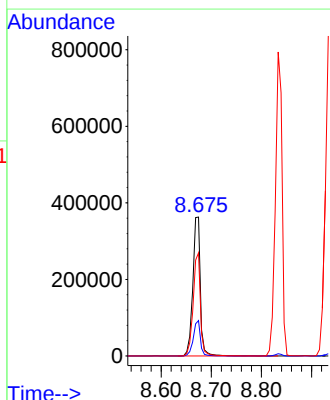
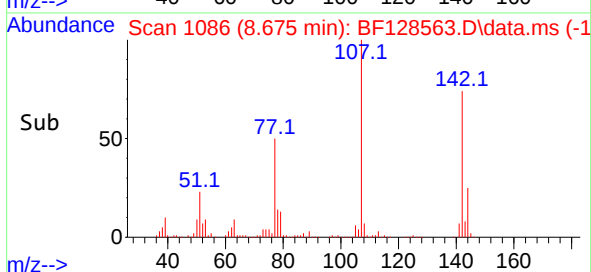
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

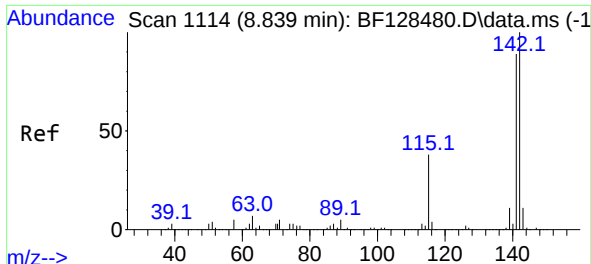


#36  
4-Chloro-3-methylphenol  
Concen: 41.472 ng  
RT: 8.675 min Scan# 1086  
Delta R.T. 0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:107 Resp: 377774  
Ion Ratio Lower Upper  
107 100  
144 25.5 19.5 29.3  
142 74.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.254 ng

RT: 8.833 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 729810

Ion Ratio Lower Upper

142 100

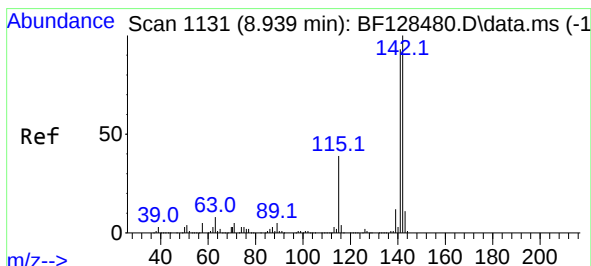
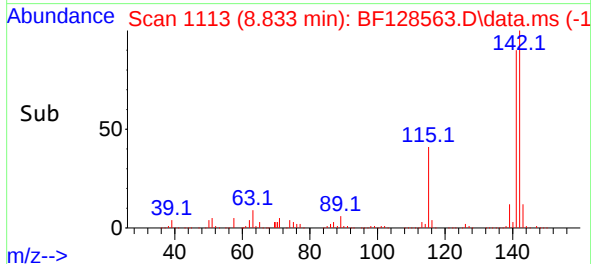
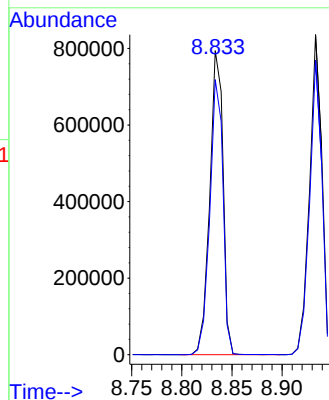
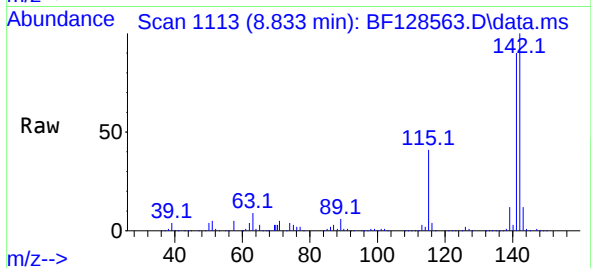
141 90.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#38

1-Methylnaphthalene

Concen: 39.280 ng

RT: 8.933 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF128563.D

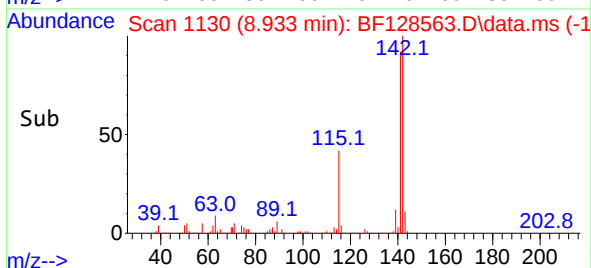
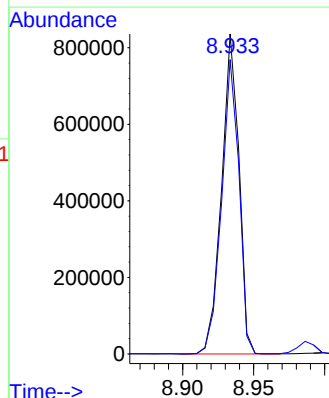
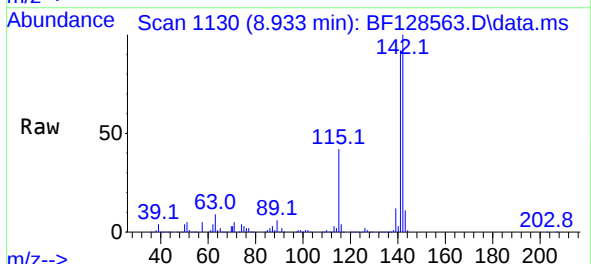
Acq: 29 May 2022 11:07

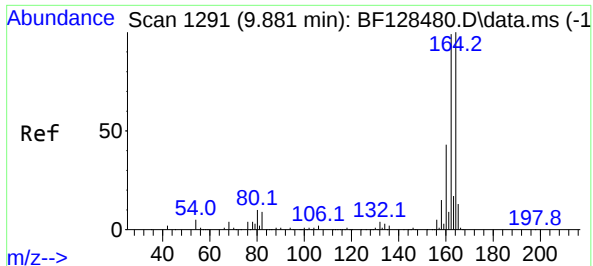
Tgt Ion:142 Resp: 710291

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





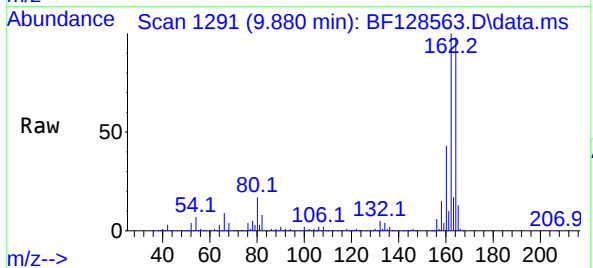
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

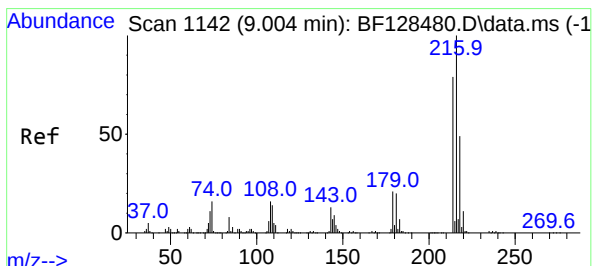
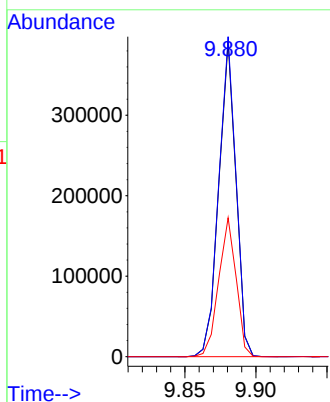
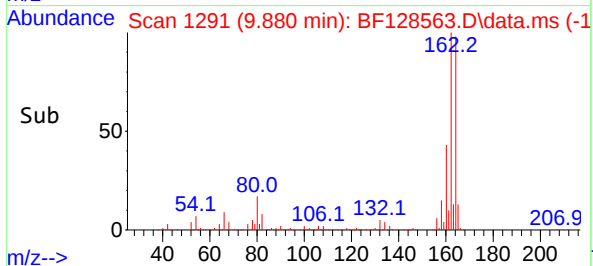


Tgt Ion:164 Resp: 328592  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.5 119.3  
160 44.1 34.2 51.4

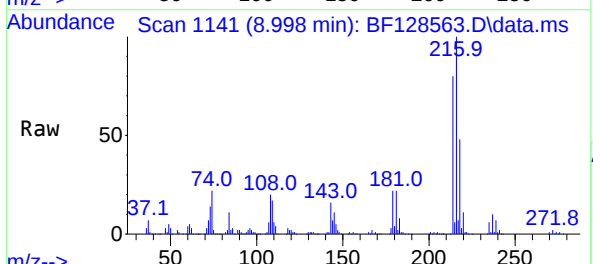
Manual Integrations

APPROVED

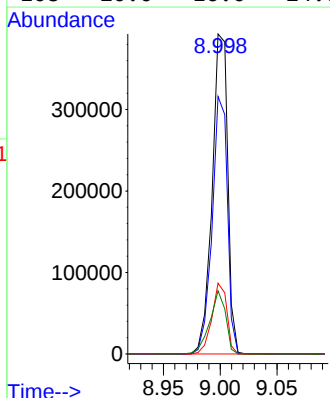
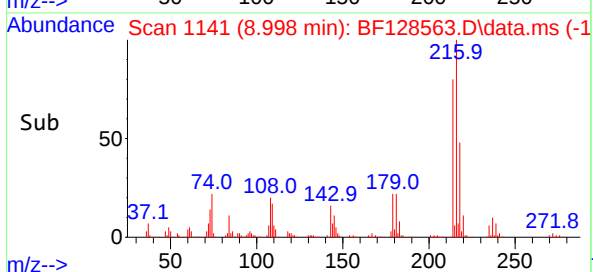
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

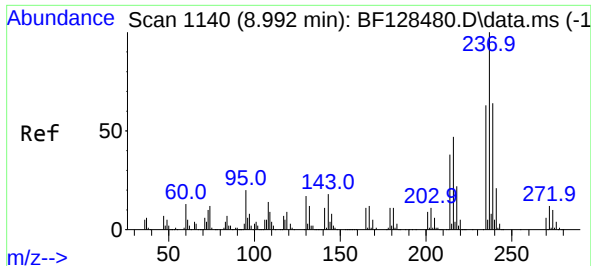


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.694 ng  
RT: 8.998 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



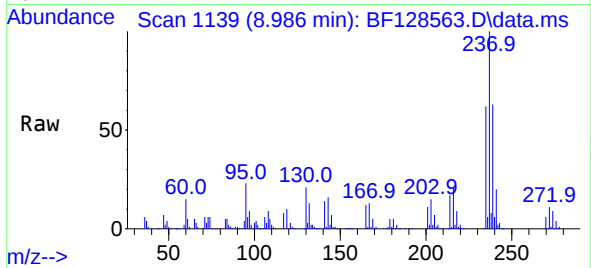
Tgt Ion:216 Resp: 376214  
Ion Ratio Lower Upper  
216 100  
214 78.5 63.6 95.4  
179 21.1 17.0 25.6  
108 20.0 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 43.104 ng  
RT: 8.986 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

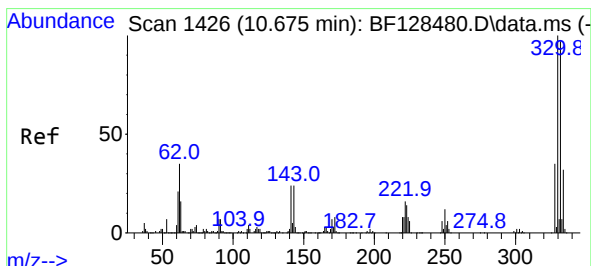
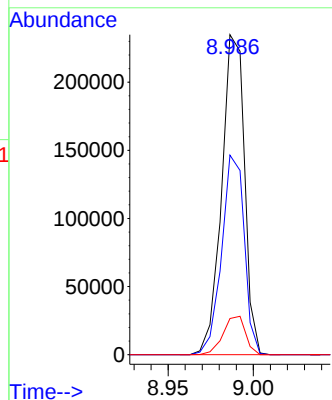
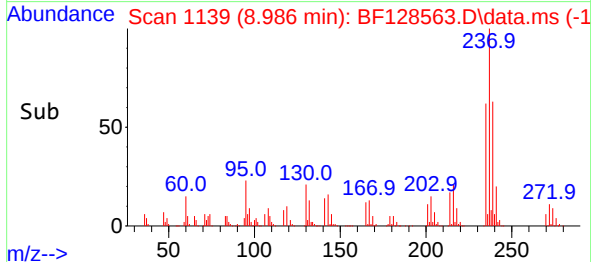
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



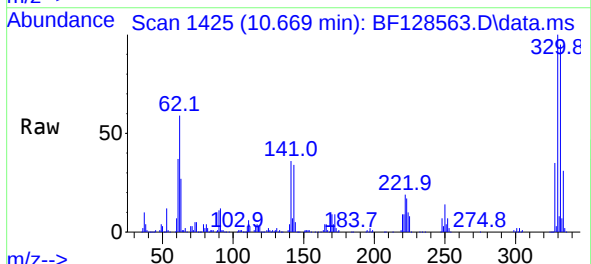
Tgt Ion:237 Resp: 218633  
Ion Ratio Lower Upper  
237 100  
235 62.3 43.2 83.2  
272 11.3 0.0 31.9

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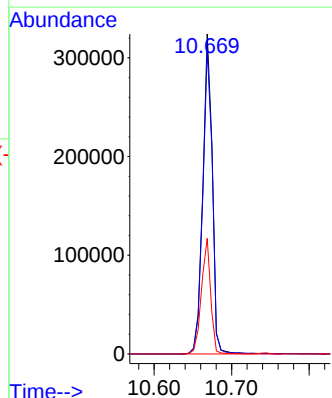
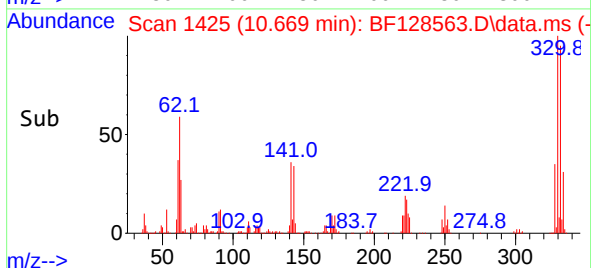
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

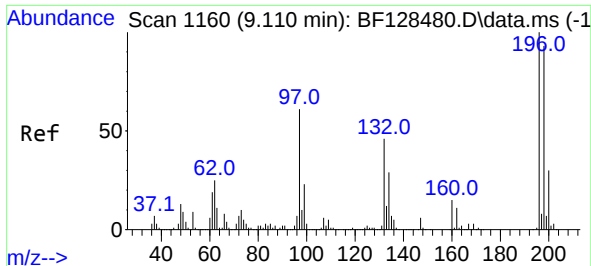


#42  
2,4,6-Tribromophenol  
Concen: 88.512 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



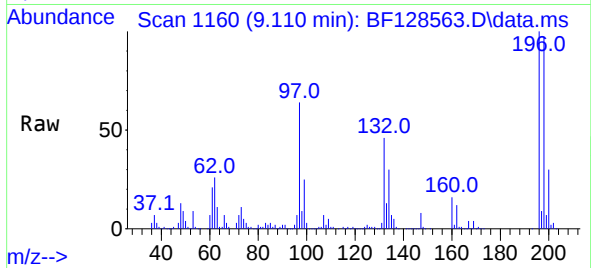
Tgt Ion:330 Resp: 276833  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.8 115.2  
141 35.0 28.0 42.0





#43  
2,4,6-Trichlorophenol  
Concen: 40.475 ng  
RT: 9.110 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

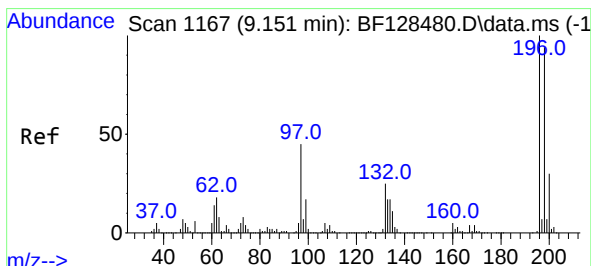
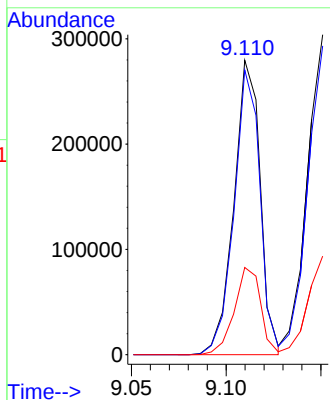
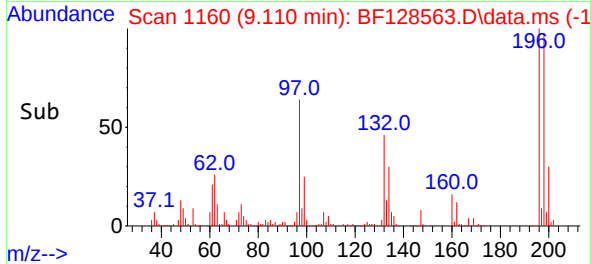
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



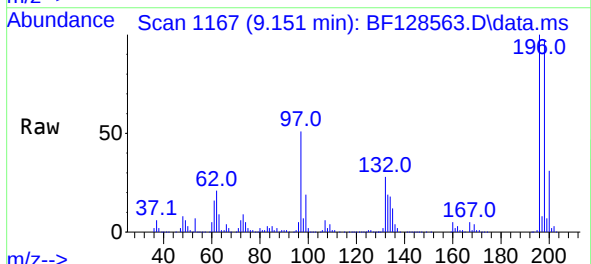
Tgt Ion:196 Resp: 269320  
Ion Ratio Lower Upper  
196 100  
198 96.7 74.0 111.0  
200 29.6 24.1 36.1

Manual Integrations  
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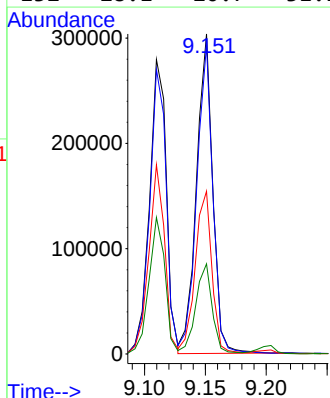
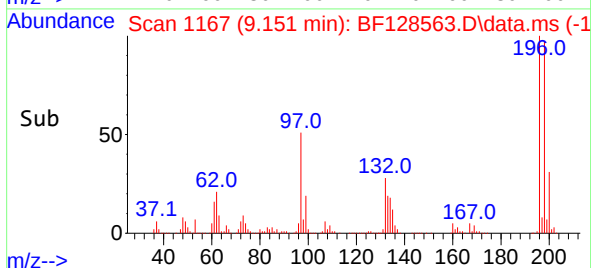
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

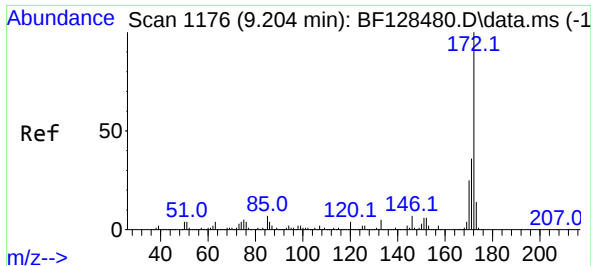


#44  
2,4,5-Trichlorophenol  
Concen: 41.296 ng  
RT: 9.151 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:196 Resp: 283129  
Ion Ratio Lower Upper  
196 100  
198 96.5 75.7 113.5  
97 50.8 36.4 54.6  
132 28.1 20.7 31.1





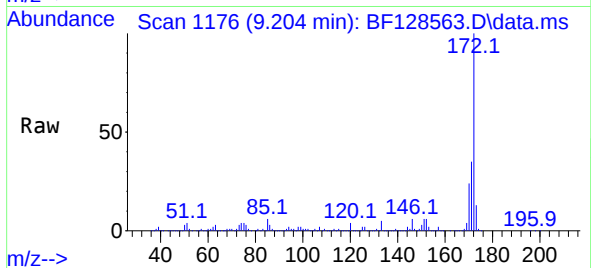
#45  
2-Fluorobiphenyl  
Concen: 82.161 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

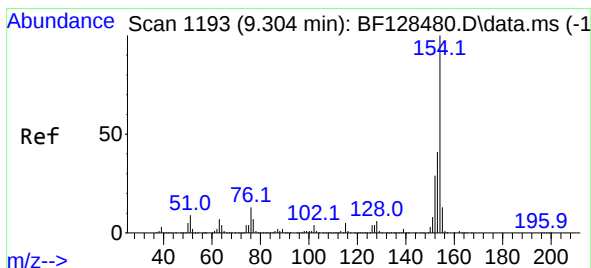
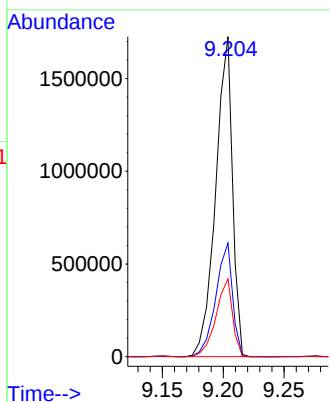
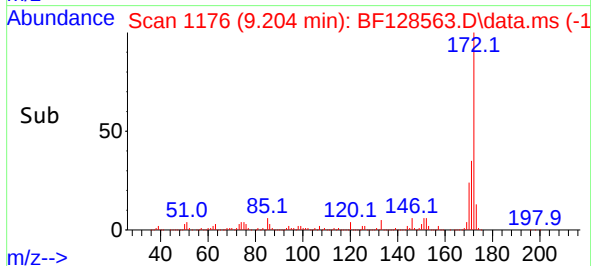


Tgt Ion:172 Resp: 1661739  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 24.3 19.8 29.8

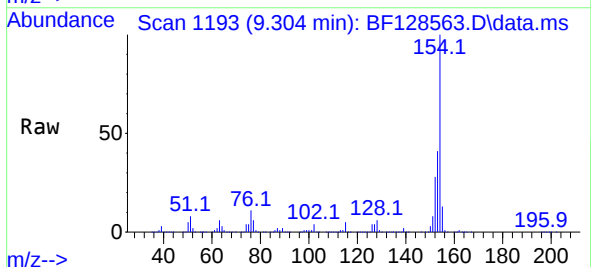
Manual Integrations

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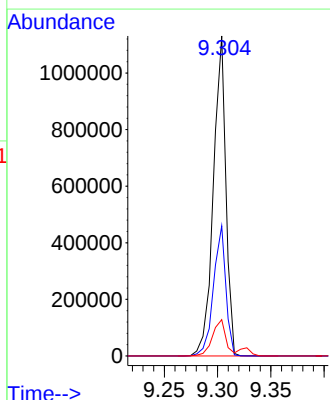
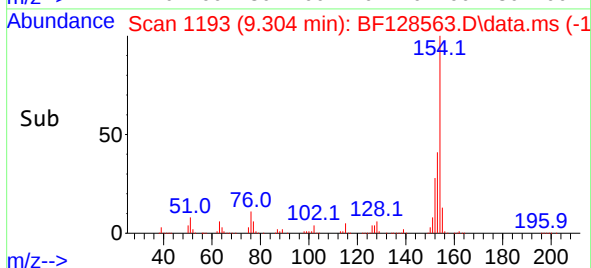
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

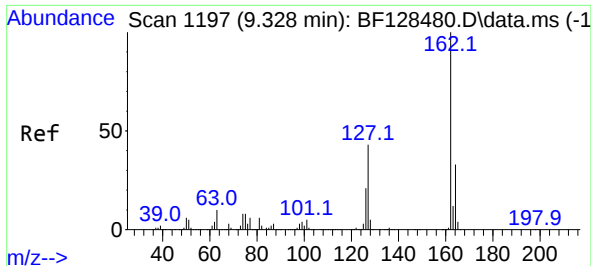


#46  
1,1'-Biphenyl  
Concen: 39.939 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:154 Resp: 921519  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.6 60.6  
76 11.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.168 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

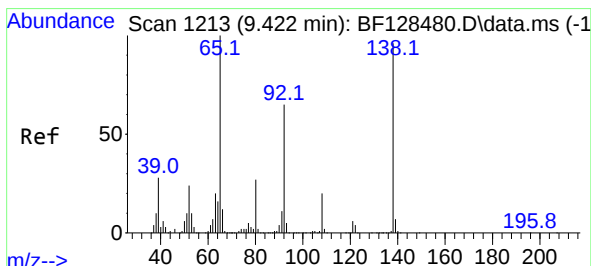
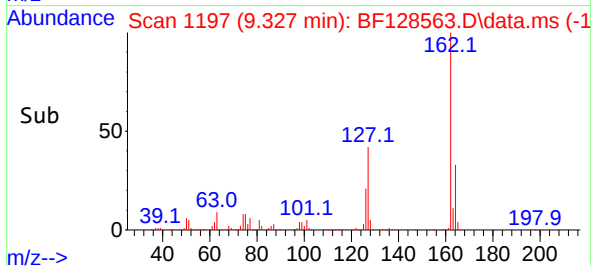
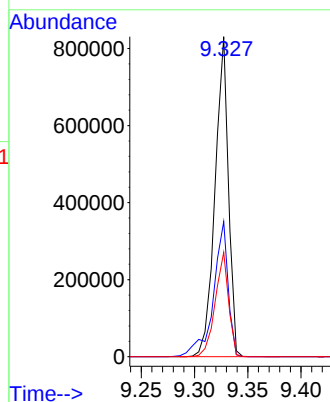
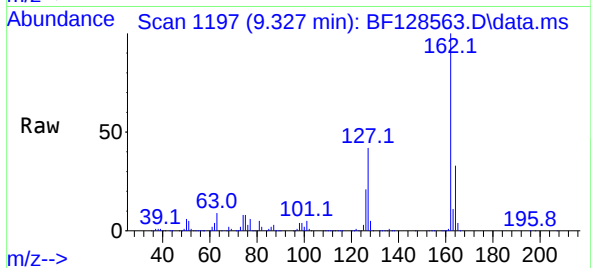
Tgt Ion:162 Resp: 727534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.2  | 34.5  | 51.7  |
| 164 | 32.6  | 26.5  | 39.7  |

Manual Integrations

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Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#48

2-Nitroaniline

Concen: 48.830 ng

RT: 9.422 min Scan# 1213

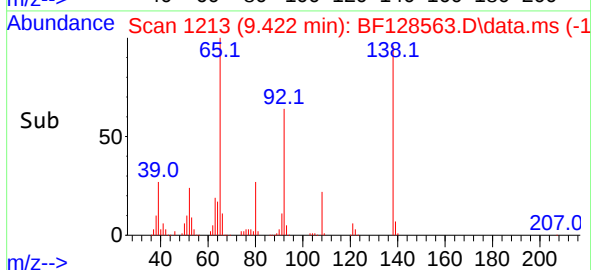
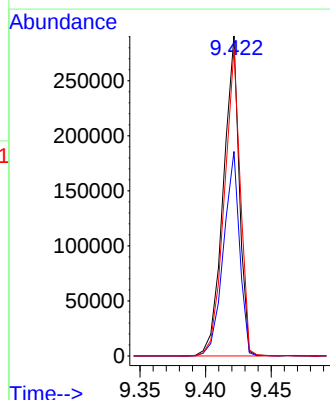
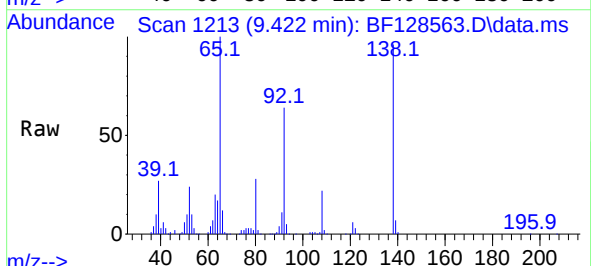
Delta R.T. -0.000 min

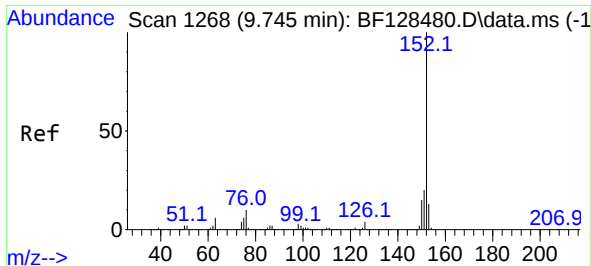
Lab File: BF128563.D

Acq: 29 May 2022 11:07

Tgt Ion: 65 Resp: 245933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 63.9  | 51.9  | 77.9  |
| 138 | 95.9  | 76.4  | 114.6 |





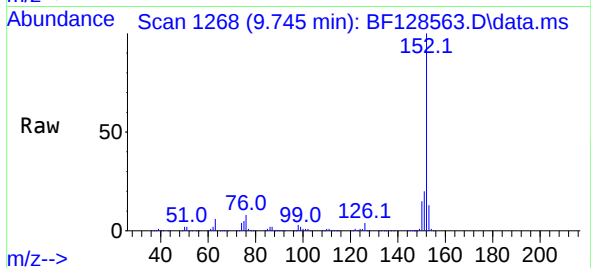
#49  
Acenaphthylene  
Concen: 39.973 ng  
RT: 9.745 min Scan# 111223  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

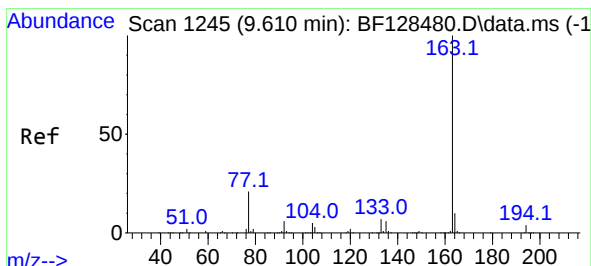
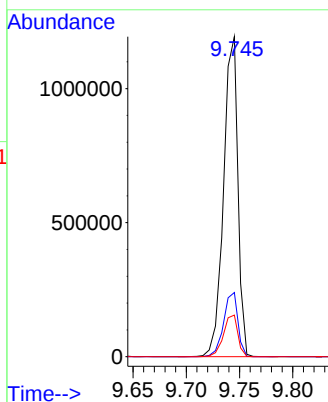
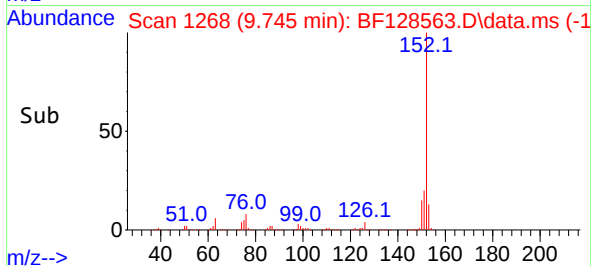


Tgt Ion:152 Resp: 111223  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4  
153 13.0 10.7 16.1

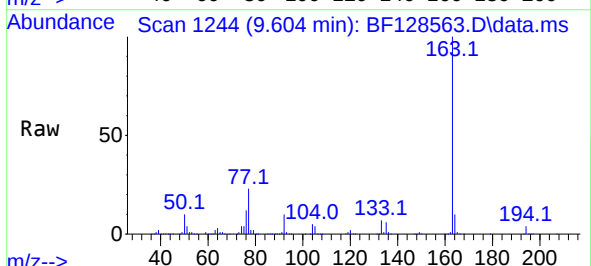
Manual Integrations

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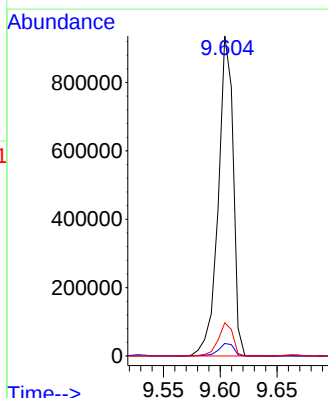
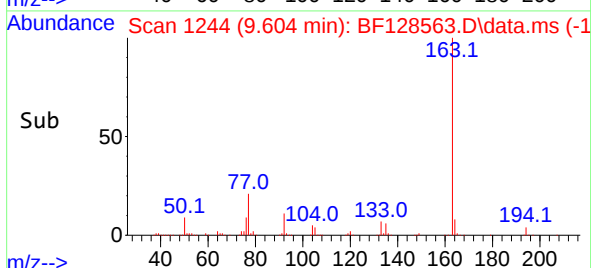
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

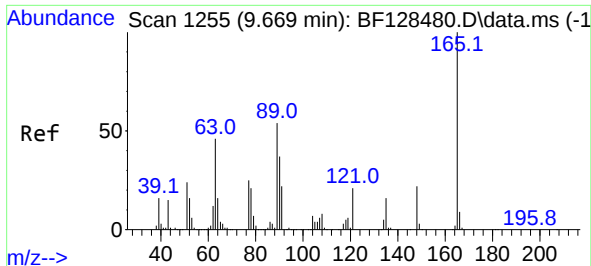


#50  
Dimethylphthalate  
Concen: 40.201 ng  
RT: 9.604 min Scan# 1244  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:163 Resp: 856868  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.3 8.2 12.2





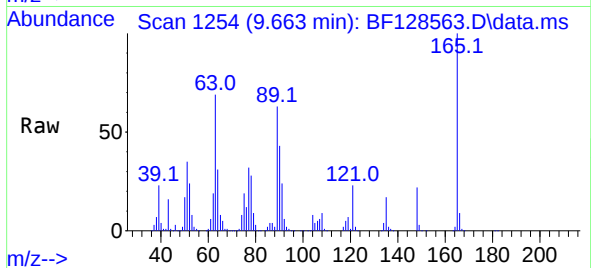
#51  
2,6-Dinitrotoluene  
Concen: 46.141 ng  
RT: 9.663 min Scan# 1255  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

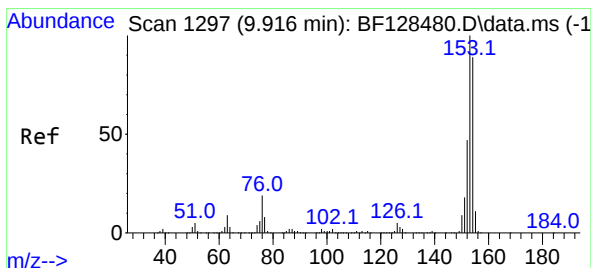
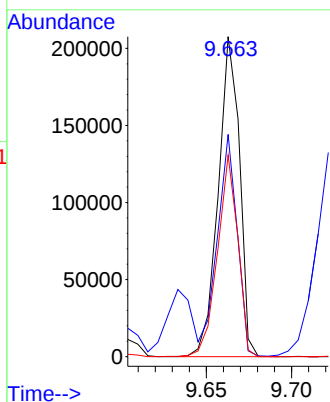
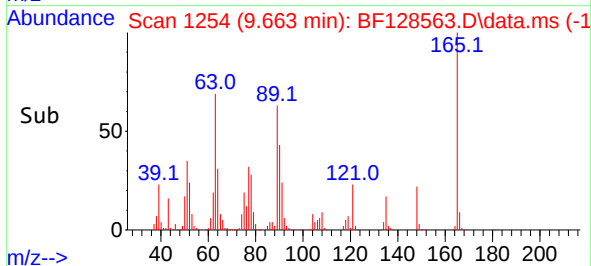


Tgt Ion:165 Resp: 18024  
Ion Ratio Lower Upper  
165 100  
63 69.5 44.9 67.3  
89 63.0 43.6 65.4

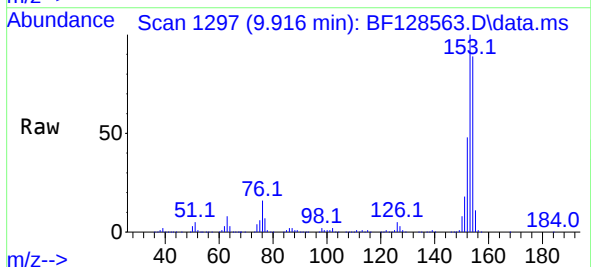
Manual Integrations

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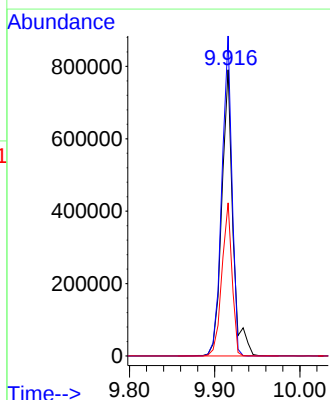
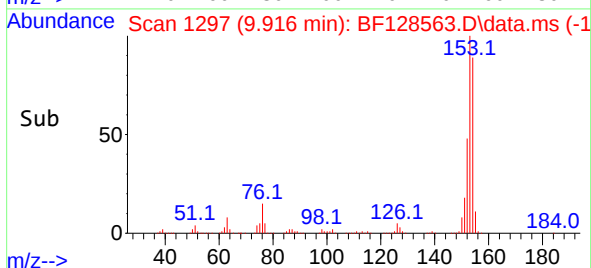
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

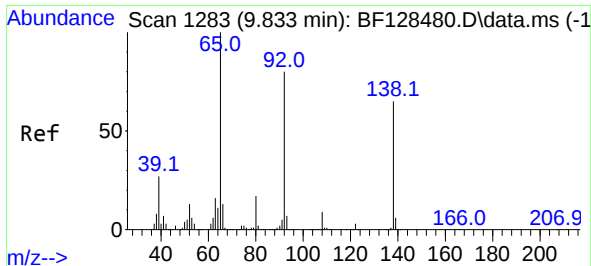


#52  
Acenaphthene  
Concen: 41.527 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:154 Resp: 712905  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.6 134.4  
152 53.5 42.4 63.6





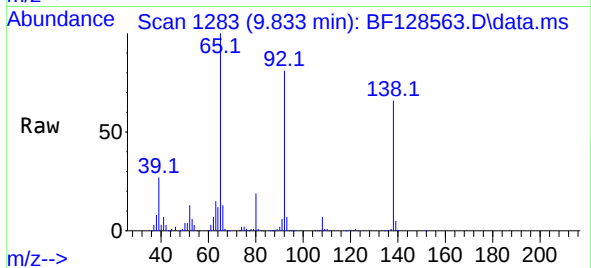
#53  
3-Nitroaniline  
Concen: 43.853 ng  
RT: 9.833 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

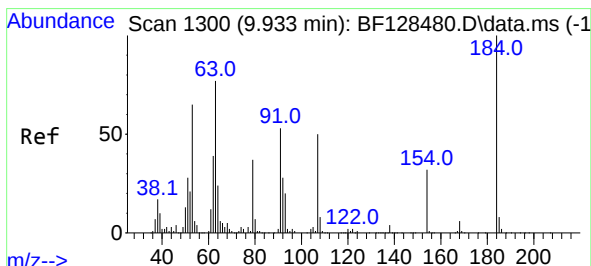
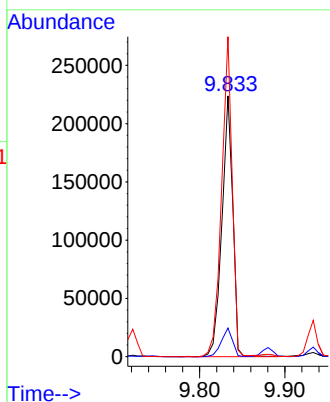
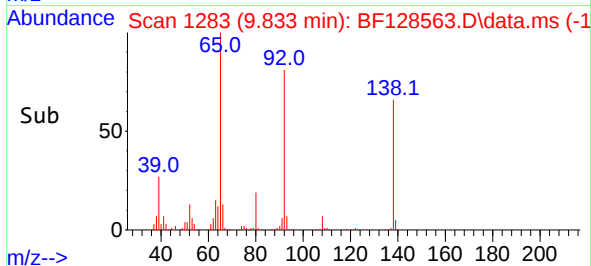


Tgt Ion:138 Resp: 197835  
Ion Ratio Lower Upper  
138 100  
108 11.0 10.9 16.3  
92 122.7 98.2 147.2

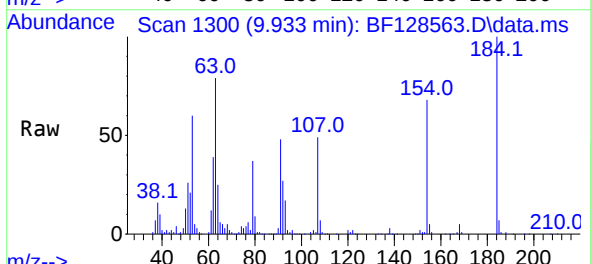
Manual Integrations

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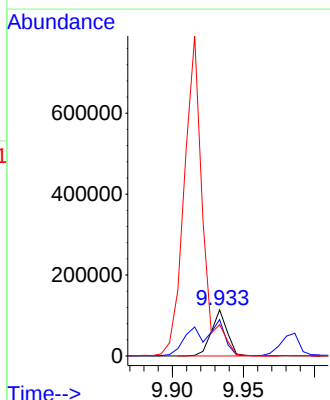
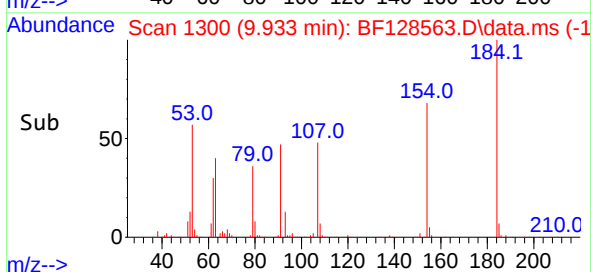
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

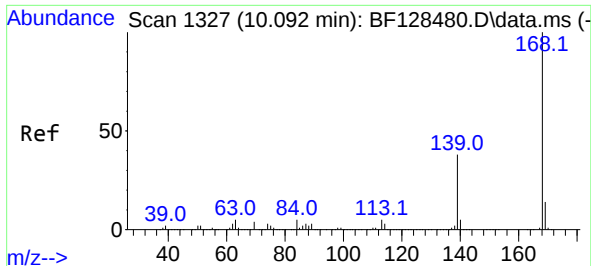


#54  
2,4-Dinitrophenol  
Concen: 47.561 ng  
RT: 9.933 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



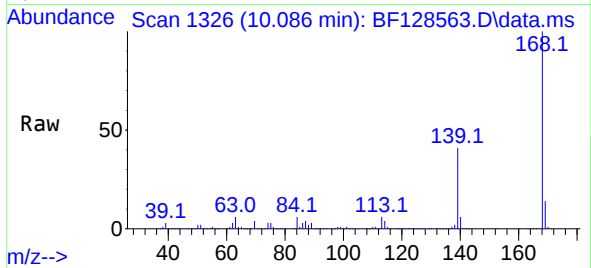
Tgt Ion:184 Resp: 88246  
Ion Ratio Lower Upper  
184 100  
63 78.6 64.5 96.7  
154 68.1 50.6 75.8





#55  
Dibenzenofuran  
Concen: 40.216 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

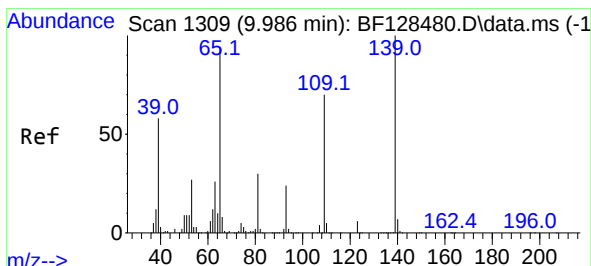
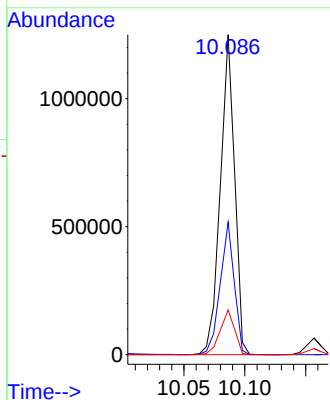
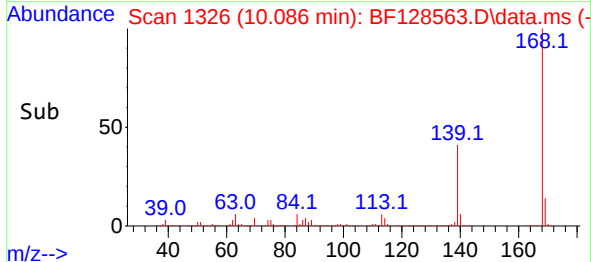
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 1024354  
Ion Ratio Lower Upper  
168 100  
139 41.4 30.6 46.0  
169 14.0 11.0 16.6

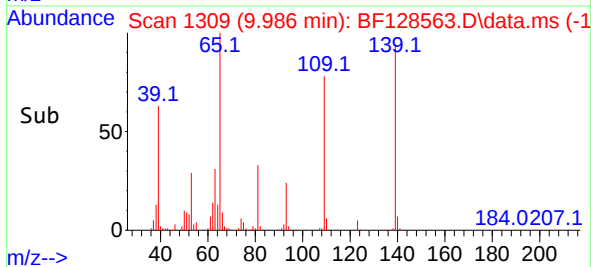
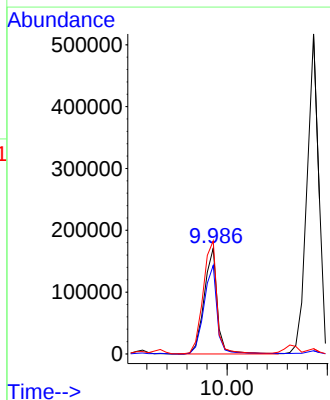
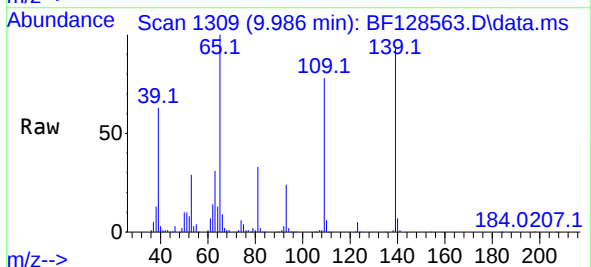
Manual Integrations  
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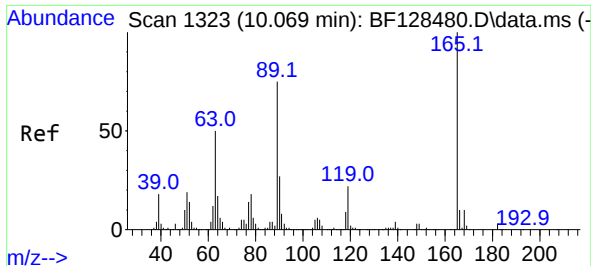
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#56  
4-Nitrophenol  
Concen: 42.650 ng  
RT: 9.986 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion:139 Resp: 156131  
Ion Ratio Lower Upper  
139 100  
109 83.8 50.7 90.7  
65 107.0 74.5 114.5





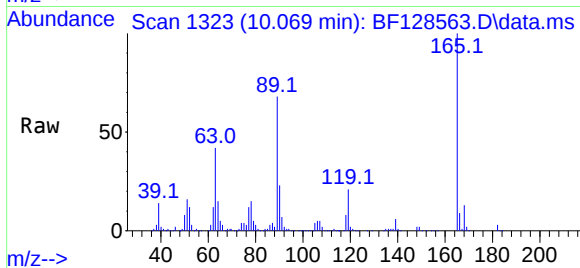
#57  
2,4-Dinitrotoluene  
Concen: 51.044 ng  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

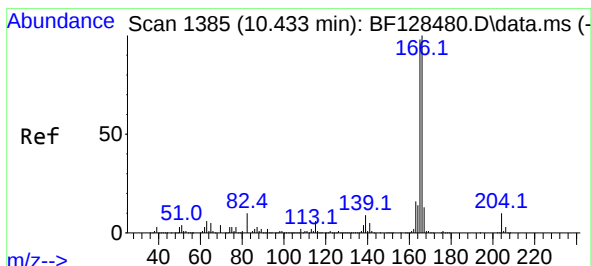
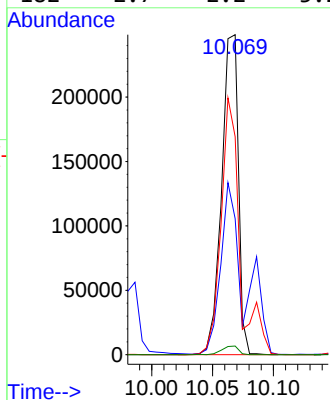
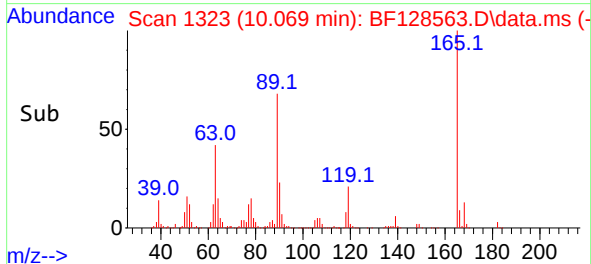


Tgt Ion:165 Resp: 23855  
Ion Ratio Lower Upper  
165 100  
63 42.5 39.8 59.6  
89 68.1 60.2 90.2  
182 2.7 2.2 3.2

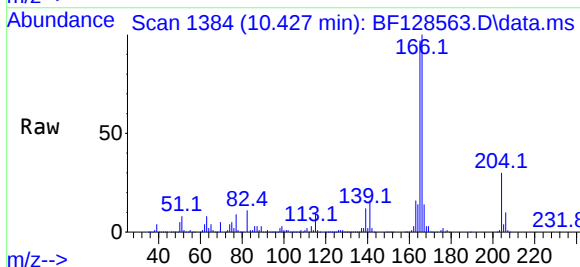
Manual Integrations

APPROVED

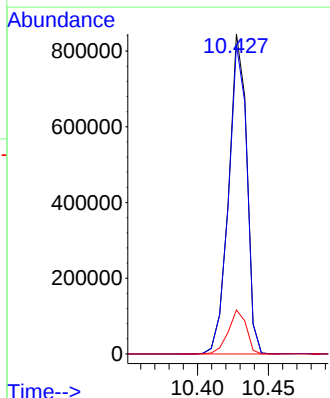
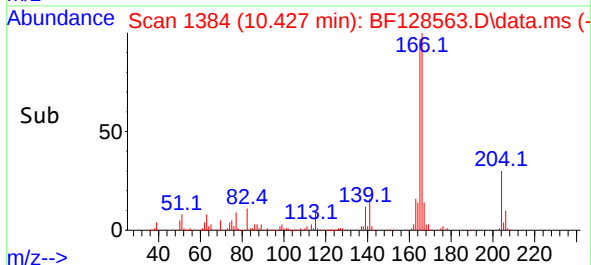
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

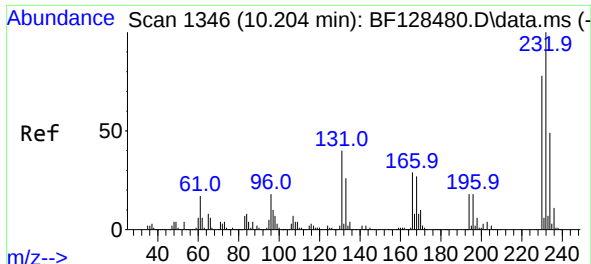


#58  
Fluorene  
Concen: 40.775 ng  
RT: 10.427 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:166 Resp: 747687  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.1 117.1  
167 13.7 10.5 15.7





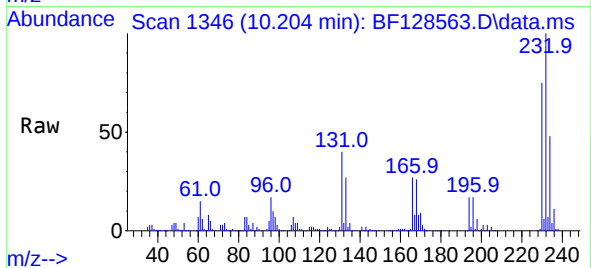
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.687 ng  
RT: 10.204 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

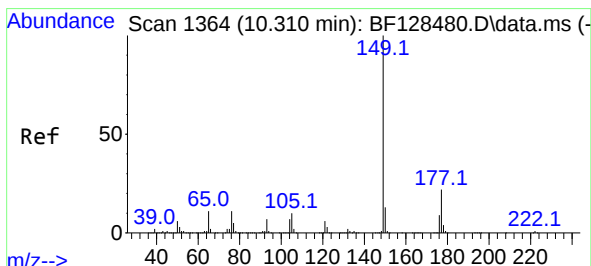
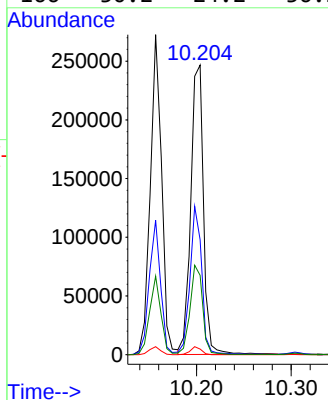
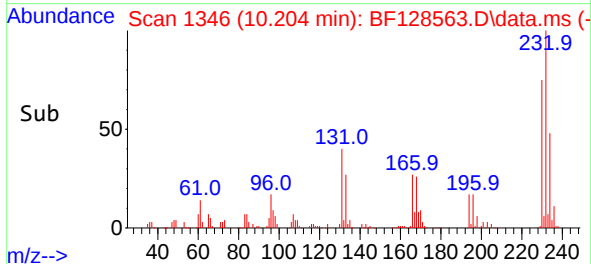


Tgt Ion:232 Resp: 231619  
Ion Ratio Lower Upper  
232 100  
131 47.5 36.1 54.1  
130 2.3 1.8 2.8  
166 30.2 24.2 36.2

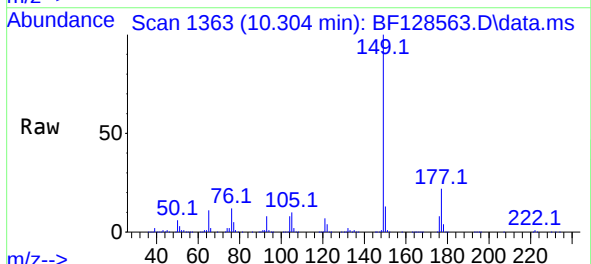
Manual Integrations

APPROVED

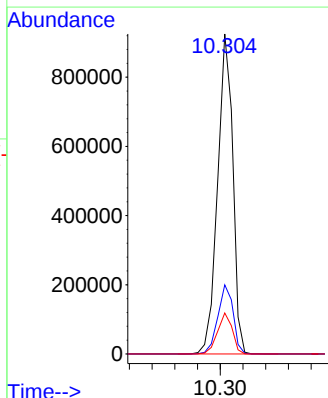
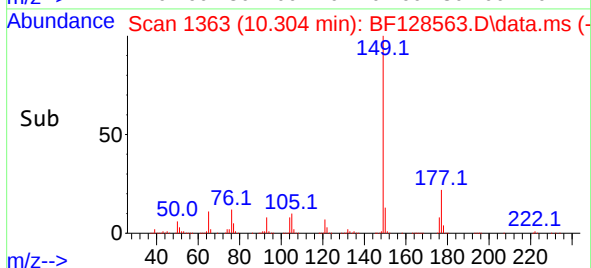
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

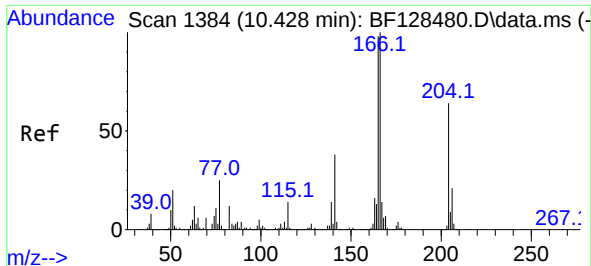


#60  
Diethylphthalate  
Concen: 41.563 ng  
RT: 10.304 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



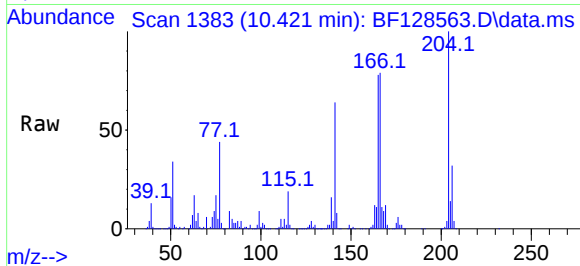
Tgt Ion:149 Resp: 860561  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.3 25.9  
150 12.8 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 41.900 ng  
RT: 10.421 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

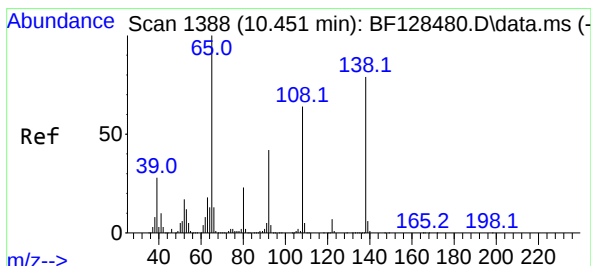
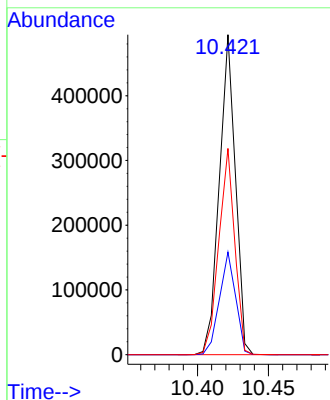
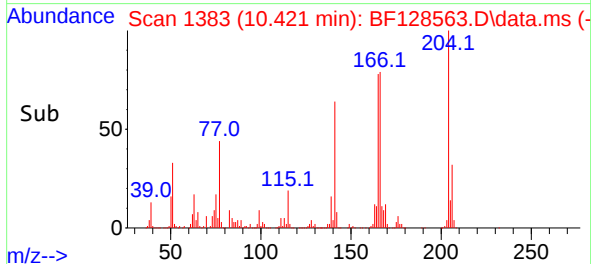
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



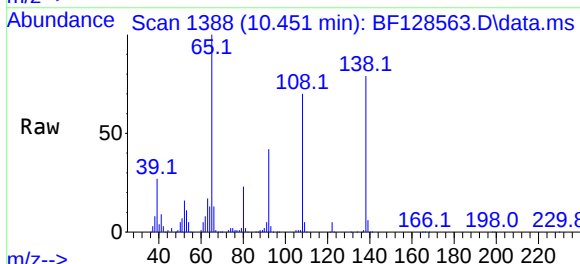
Tgt Ion:204 Resp: 389818  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.8 38.6  
141 64.4 47.0 70.4

Manual Integrations  
APPROVED

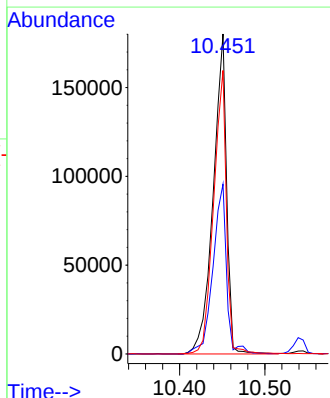
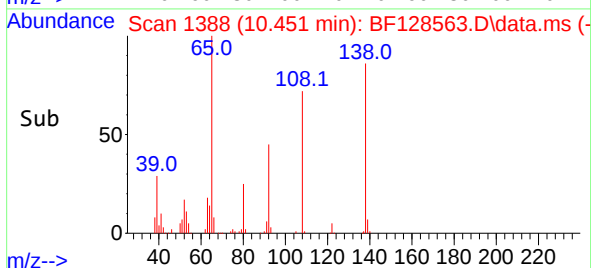
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

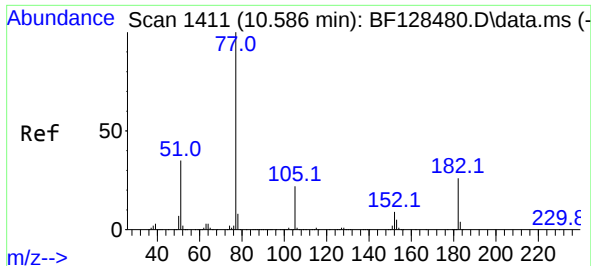


#62  
4-Nitroaniline  
Concen: 45.516 ng  
RT: 10.451 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:138 Resp: 196598  
Ion Ratio Lower Upper  
138 100  
92 53.0 33.5 73.5  
108 88.6 61.0 101.0





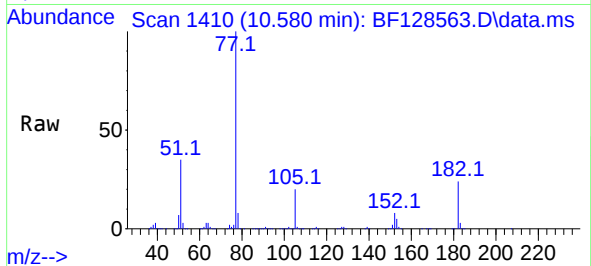
#63  
Azobenzene  
Concen: 40.329 ng  
RT: 10.580 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

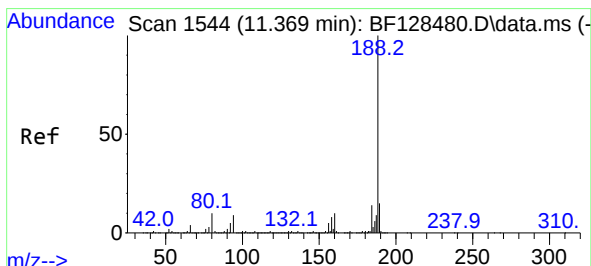
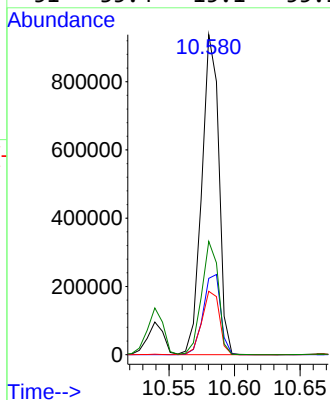
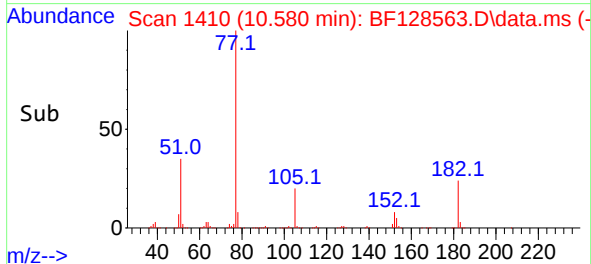


Tgt Ion: 77 Resp: 850100  
Ion Ratio Lower Upper  
77 100  
182 23.9 5.6 45.6  
105 19.8 1.6 41.6  
51 35.4 15.1 55.1

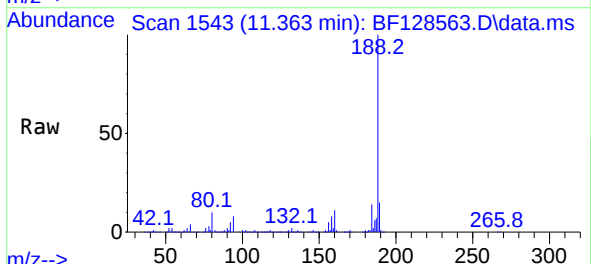
Manual Integrations

APPROVED

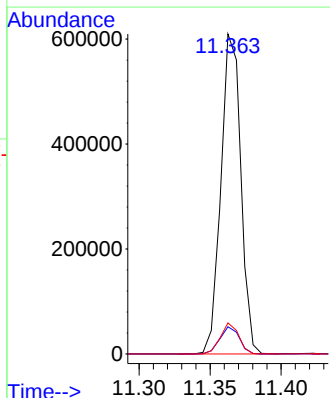
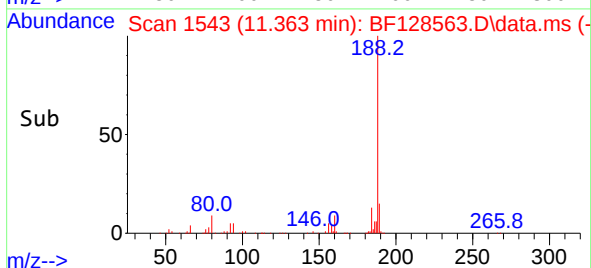
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

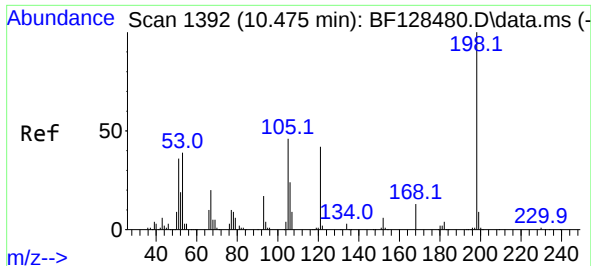


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:188 Resp: 592757  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.0 10.6  
80 9.7 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.615 ng  
RT: 10.474 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

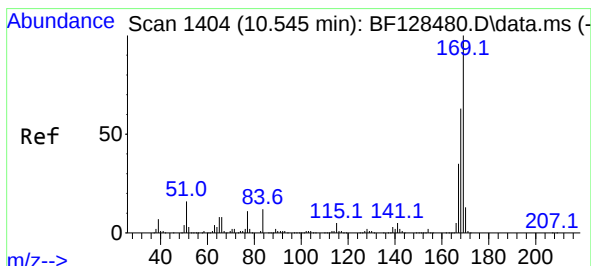
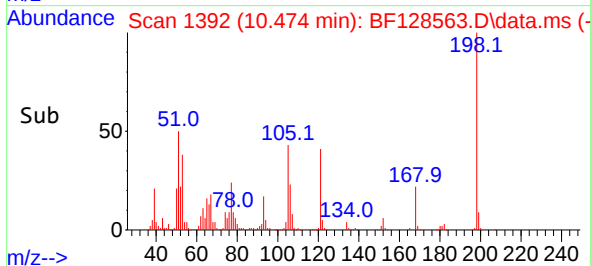
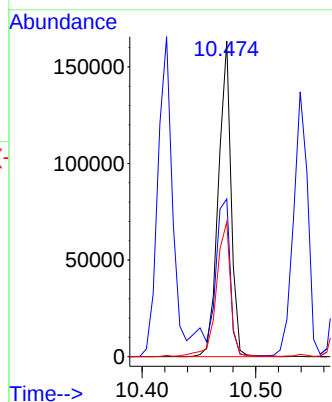
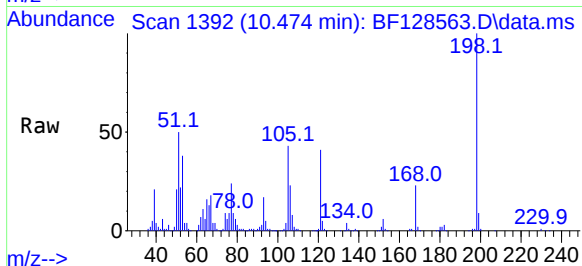
SSTDCCC040

Tgt Ion:198 Resp: 127200  
Ion Ratio Lower Upper  
198 100  
51 50.0 37.6 77.6  
105 42.7 27.0 67.0

Manual Integrations

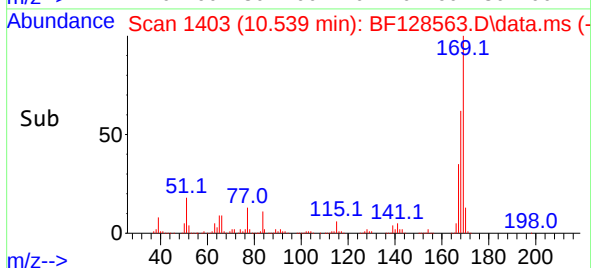
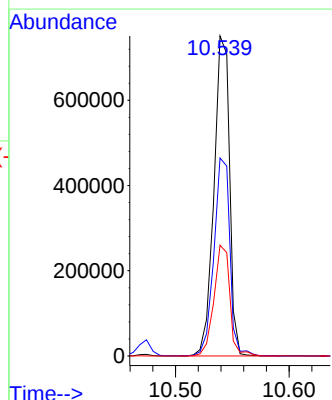
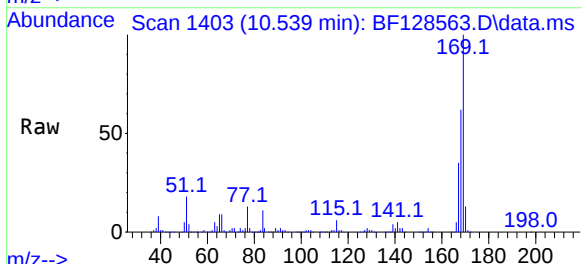
APPROVED

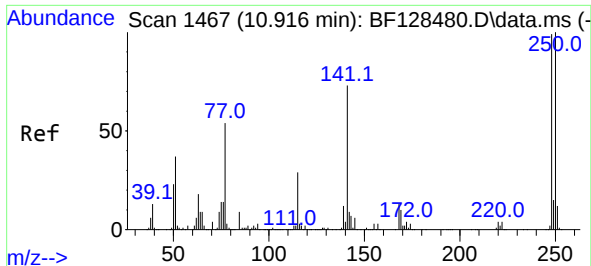
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#66  
n-Nitrosodiphenylamine  
Concen: 40.336 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion:169 Resp: 715827  
Ion Ratio Lower Upper  
169 100  
168 61.8 50.1 75.1  
167 34.6 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 42.068 ng  
RT: 10.910 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

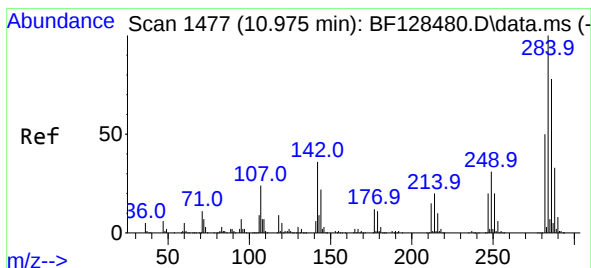
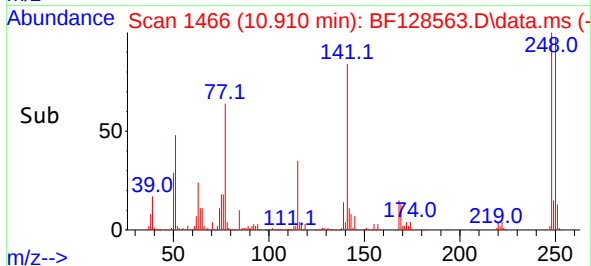
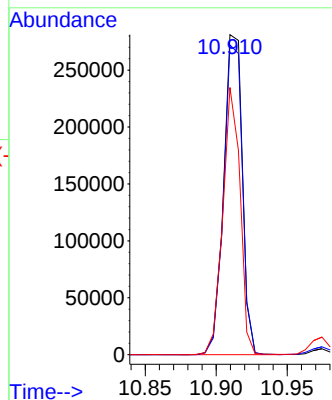
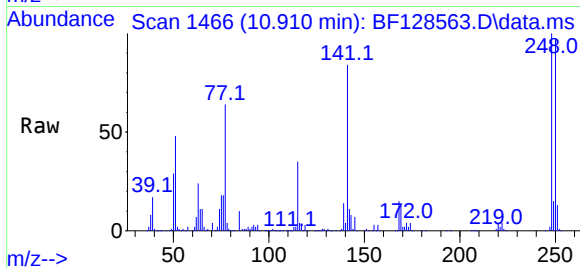
SSTDCCC040

Tgt Ion:248 Resp: 257630  
Ion Ratio Lower Upper  
248 100  
250 96.8 80.6 120.8  
141 83.5 58.9 88.3

Manual Integrations

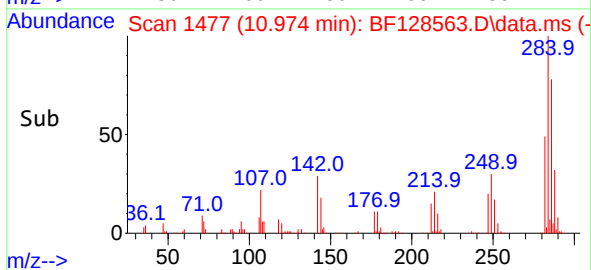
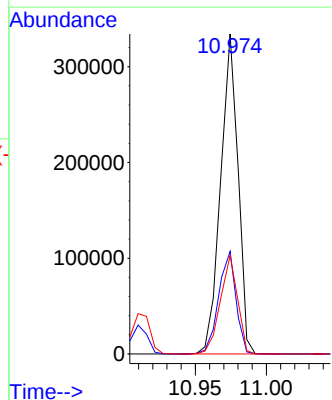
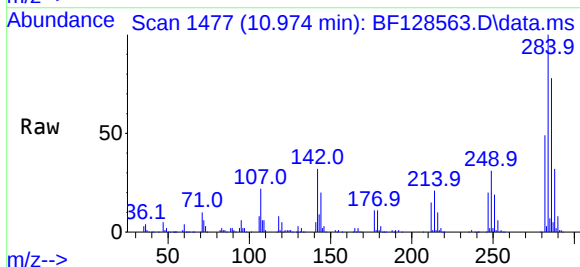
APPROVED

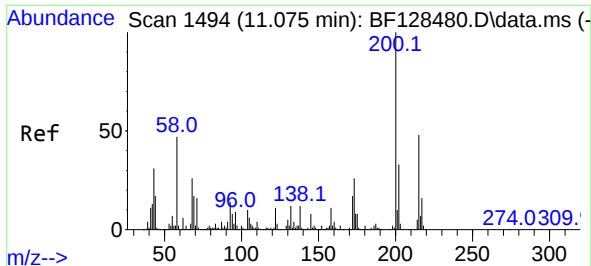
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#68  
Hexachlorobenzene  
Concen: 42.021 ng  
RT: 10.974 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

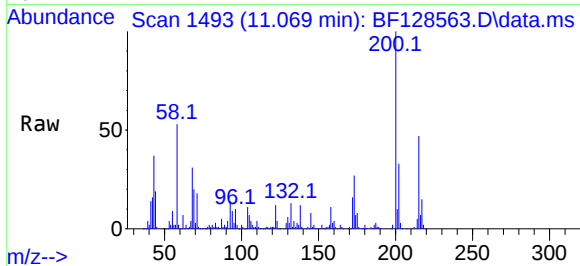
Tgt Ion:284 Resp: 284189  
Ion Ratio Lower Upper  
284 100  
142 32.1 29.0 43.4  
249 30.8 25.0 37.6





#69  
Atrazine  
Concen: 39.158 ng  
RT: 11.069 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

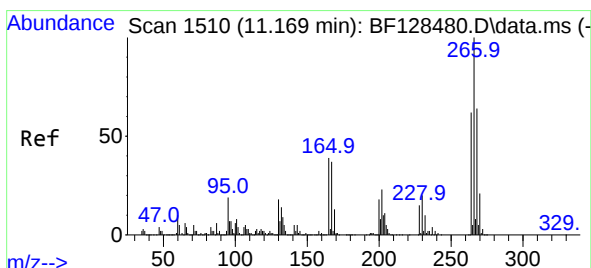
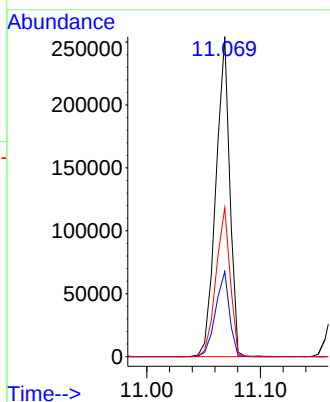
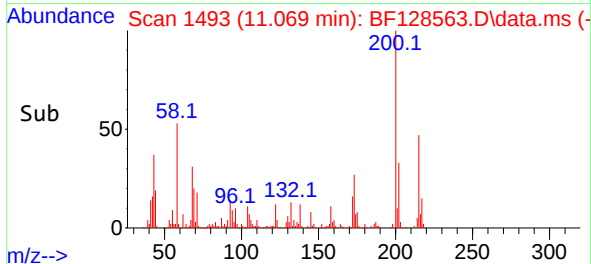
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



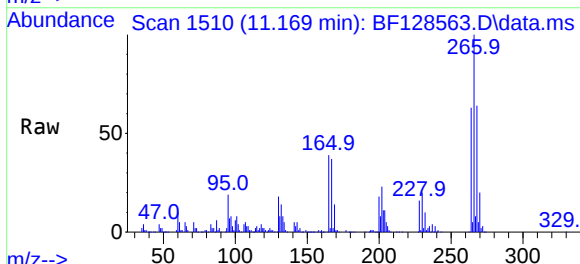
Tgt Ion:200 Resp: 215674  
Ion Ratio Lower Upper  
200 100  
173 26.6 6.3 46.3  
215 46.5 28.3 68.3

Manual Integrations  
APPROVED

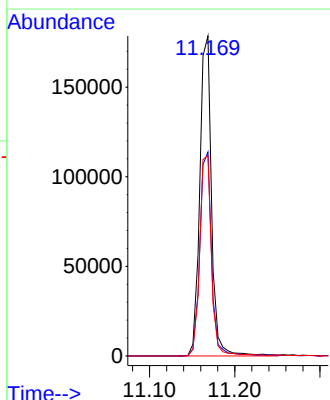
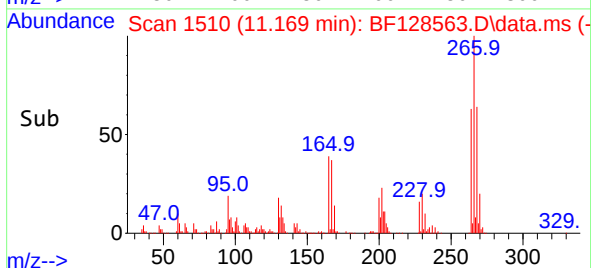
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

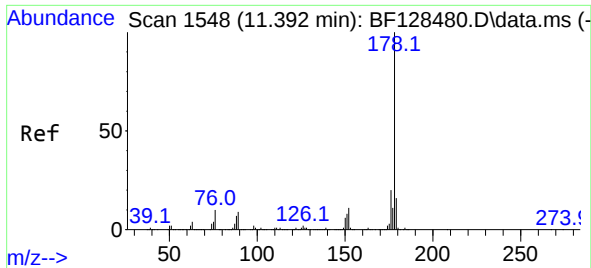


#70  
Pentachlorophenol  
Concen: 41.546 ng  
RT: 11.169 min Scan# 1510  
Delta R.T. -0.001 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



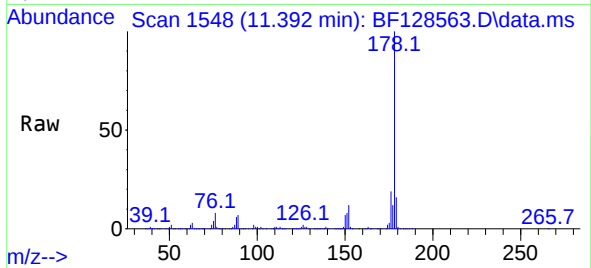
Tgt Ion:266 Resp: 171223  
Ion Ratio Lower Upper  
266 100  
268 63.8 51.0 76.4  
264 62.6 49.4 74.2





#71  
Phenanthrene  
Concen: 39.851 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

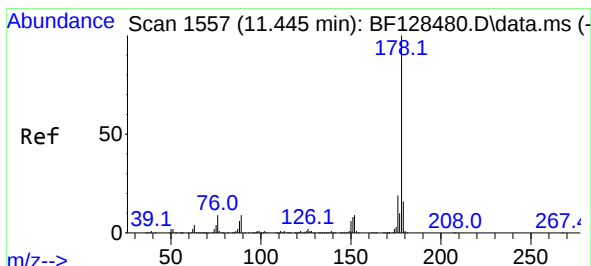
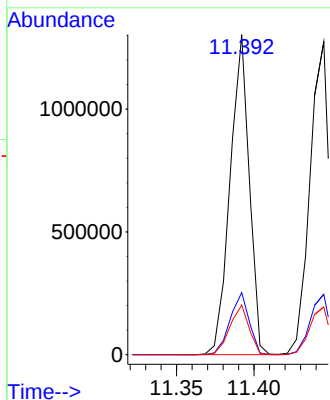
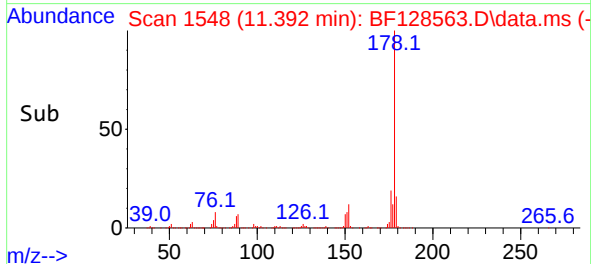
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



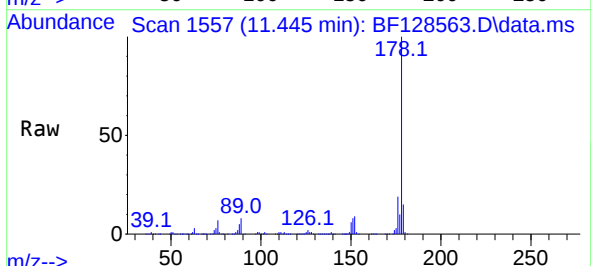
Tgt Ion:178 Resp: 1119000  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 15.5 12.6 19.0

Manual Integrations  
APPROVED

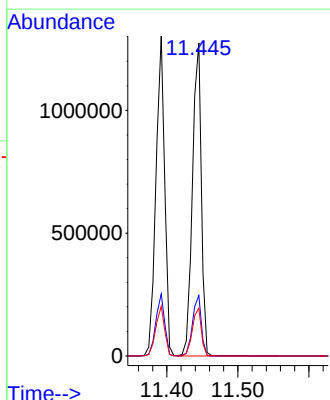
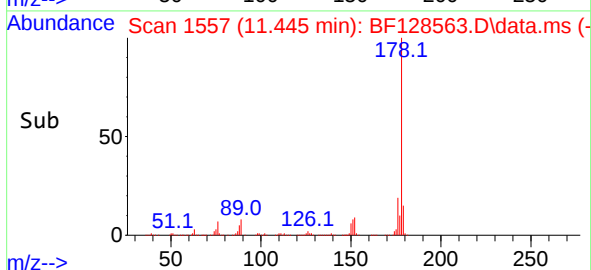
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

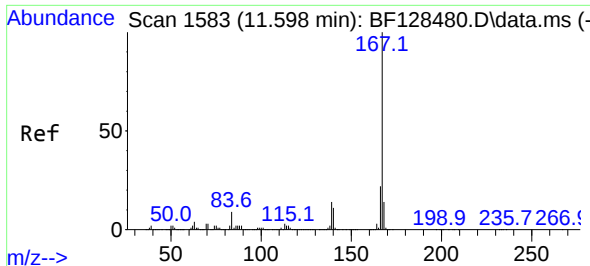


#72  
Anthracene  
Concen: 39.773 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:178 Resp: 1115571  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.3 12.6 19.0





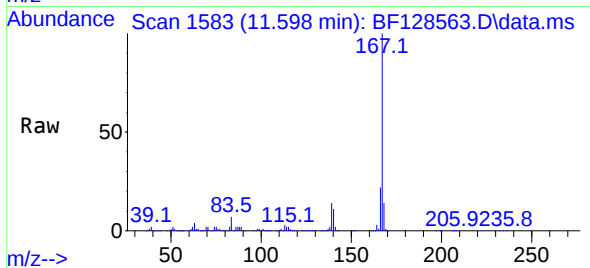
#73  
 Carbazole  
 Concen: 38.719 ng  
 RT: 11.598 min Scan# 1583  
 Delta R.T. -0.000 min  
 Lab File: BF128563.D  
 Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

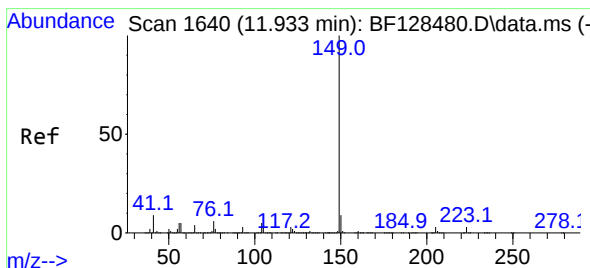
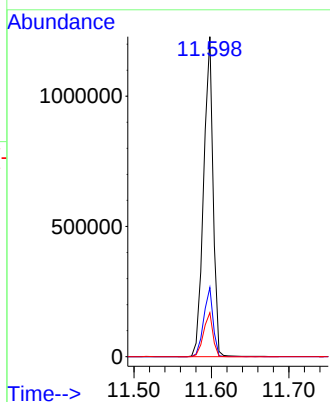
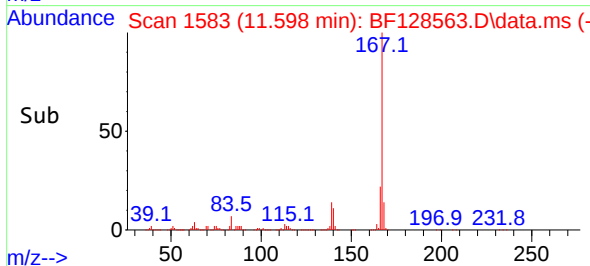


Tgt Ion:167 Resp: 104077  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.7 26.5  
 139 13.8 11.2 16.8

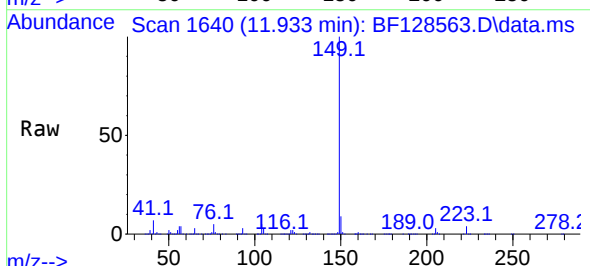
Manual Integrations

APPROVED

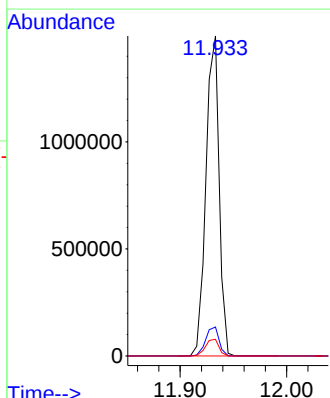
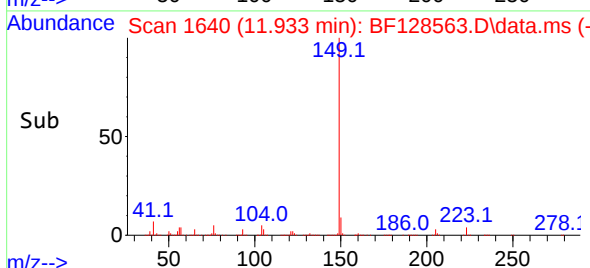
Reviewed By :Christian Giraldo 05/31/2022  
 Supervised By :Jagrut Upadhyay 05/31/2022

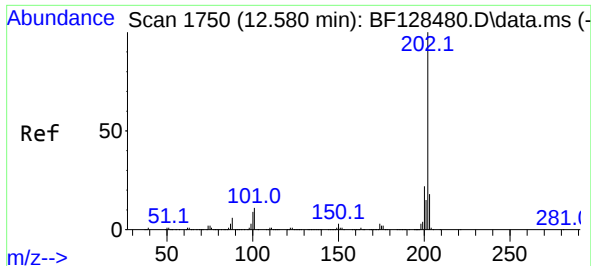


#74  
 Di-n-butylphthalate  
 Concen: 40.746 ng  
 RT: 11.933 min Scan# 1640  
 Delta R.T. -0.000 min  
 Lab File: BF128563.D  
 Acq: 29 May 2022 11:07



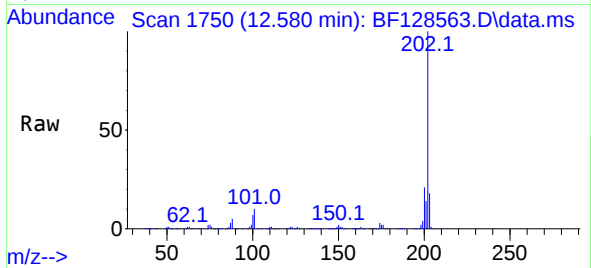
Tgt Ion:149 Resp: 1289094  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 5.2 4.4 6.6





#75  
Fluoranthene  
Concen: 38.177 ng  
RT: 12.580 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

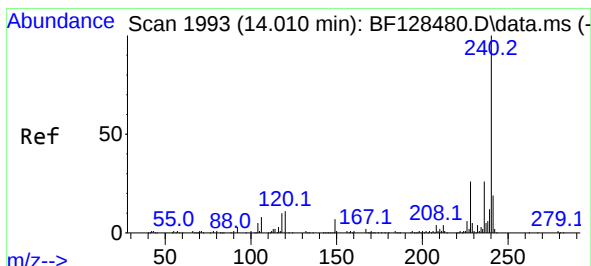
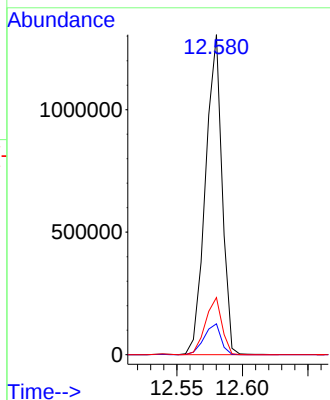
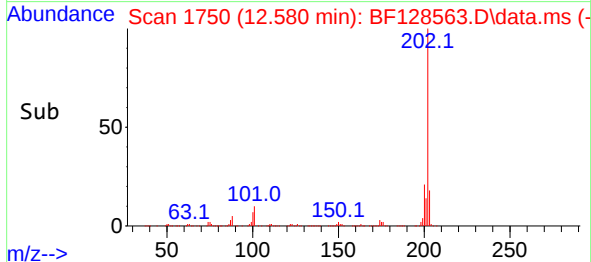
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



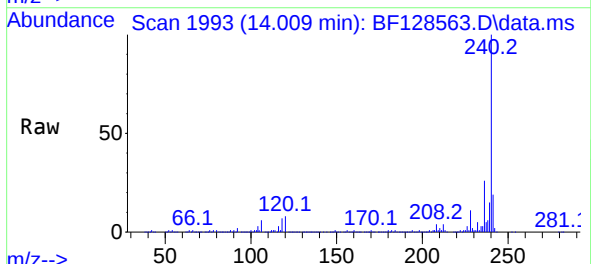
Tgt Ion:202 Resp: 114610  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.4  
203 17.8 0.0 38.0

Manual Integrations  
APPROVED

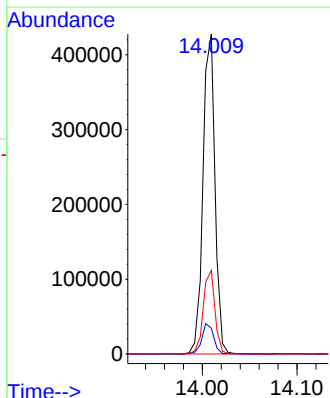
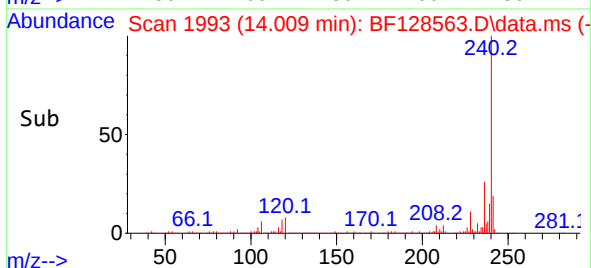
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

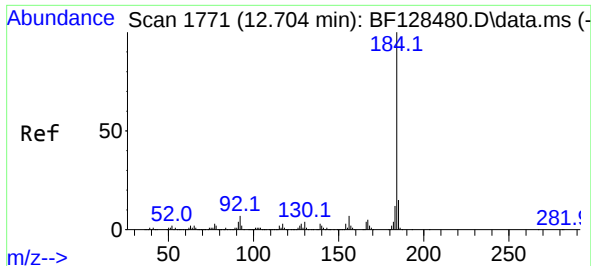


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.009 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



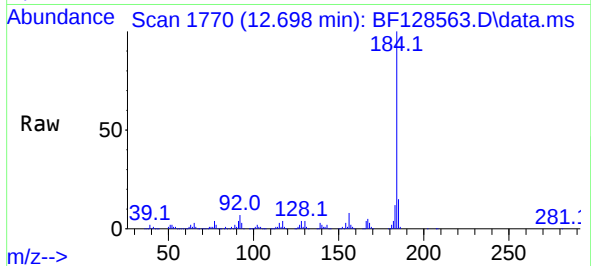
Tgt Ion:240 Resp: 377474  
Ion Ratio Lower Upper  
240 100  
120 8.0 8.9 13.3#  
236 26.2 20.8 31.2





#77  
Benzidine  
Concen: 38.625 ng  
RT: 12.698 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

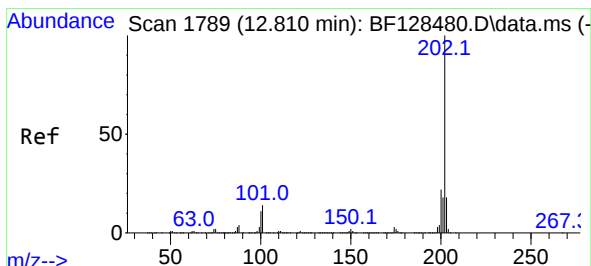
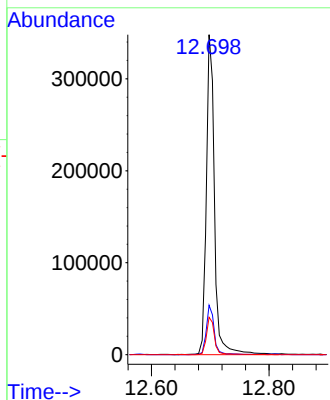
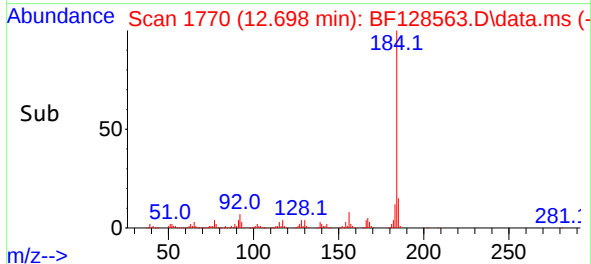
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



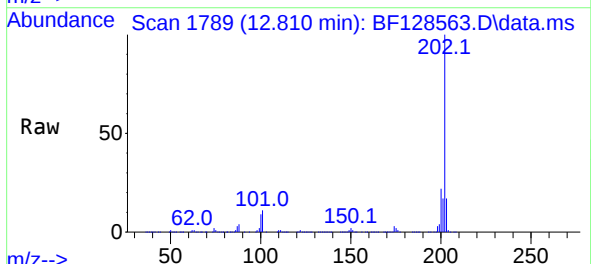
Tgt Ion:184 Resp: 33629  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.9 17.9  
183 11.7 9.3 13.9

Manual Integrations  
APPROVED

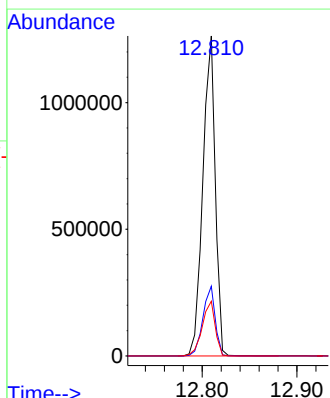
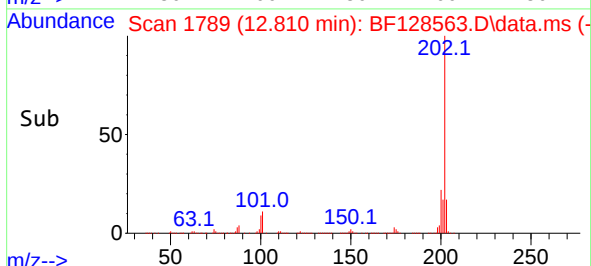
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

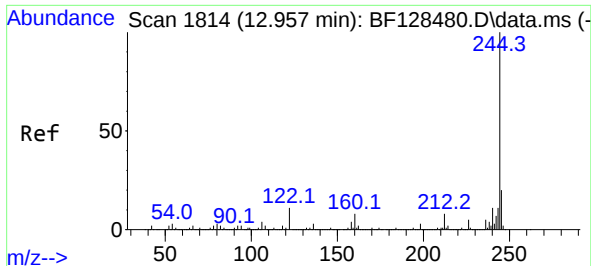


#78  
Pyrene  
Concen: 40.426 ng  
RT: 12.810 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:202 Resp: 1149604  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.7 26.5  
203 17.1 14.6 21.8





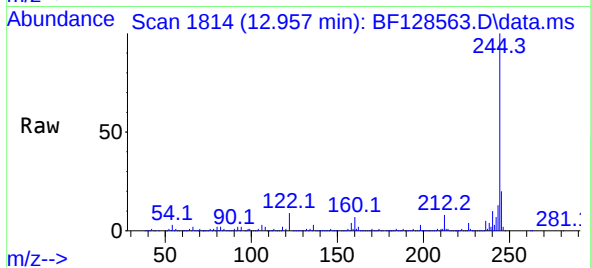
#79  
Terphenyl-d14  
Concen: 84.193 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

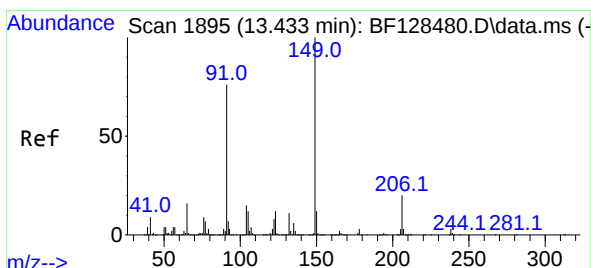
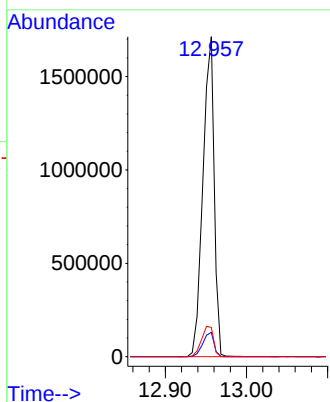
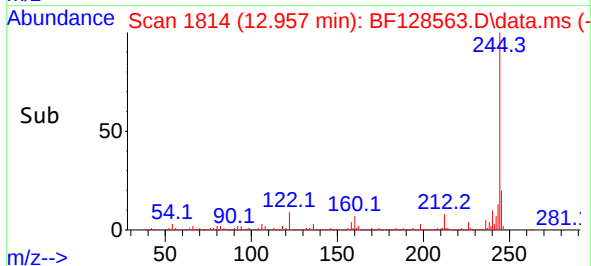


Tgt Ion:244 Resp: 1645000  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.1 9.1  
122 9.1 8.8 13.2

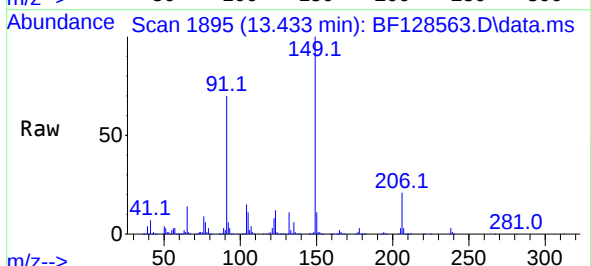
Manual Integrations

APPROVED

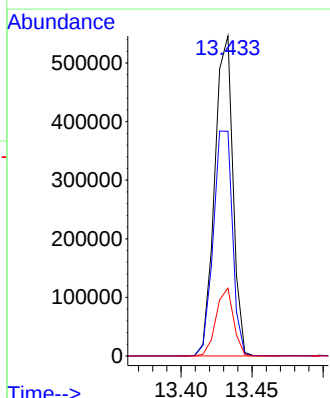
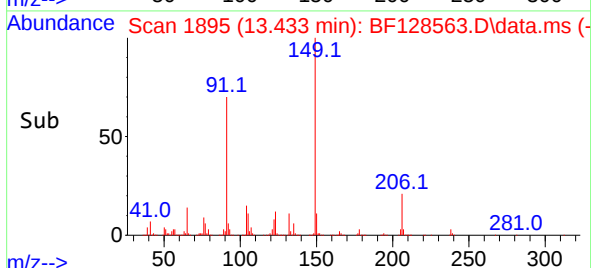
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

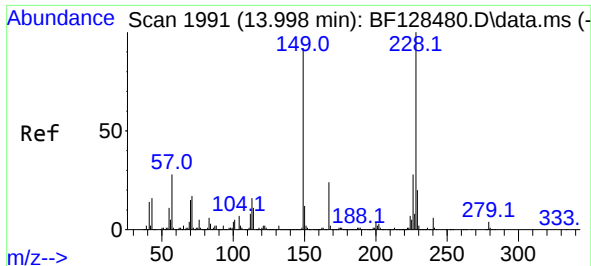


#80  
Butylbenzylphthalate  
Concen: 40.697 ng  
RT: 13.433 min Scan# 1895  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:149 Resp: 488148  
Ion Ratio Lower Upper  
149 100  
91 70.2 61.2 91.8  
206 21.2 15.7 23.5





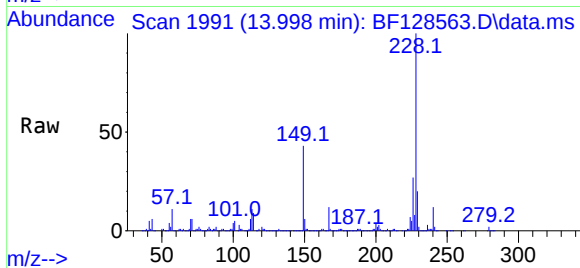
#81  
Benzo(a)anthracene  
Concen: 39.040 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

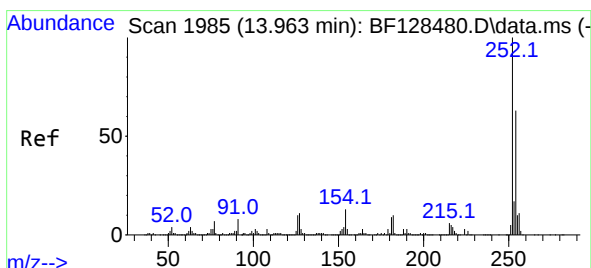
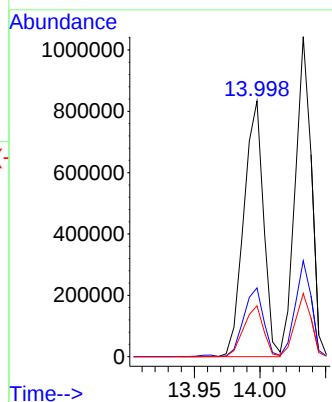
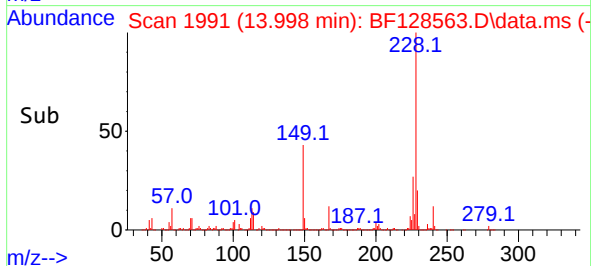


Tgt Ion:228 Resp: 875912  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.1 33.1  
229 19.9 15.8 23.8

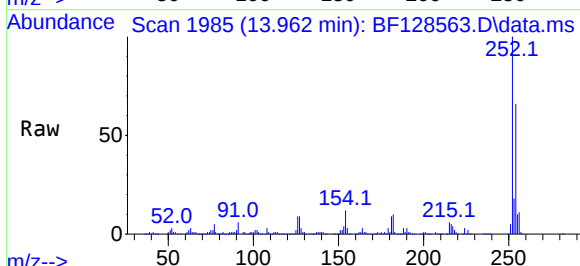
Manual Integrations

APPROVED

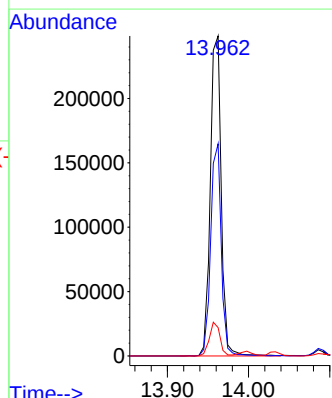
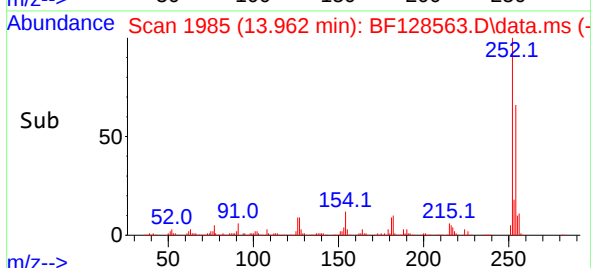
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

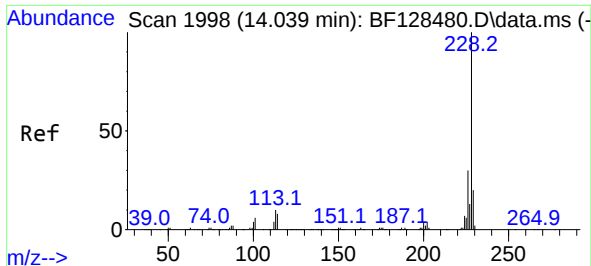


#82  
3,3'-Dichlorobenzidine  
Concen: 40.248 ng  
RT: 13.962 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



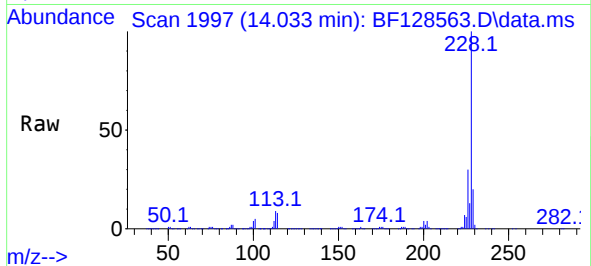
Tgt Ion:252 Resp: 231227  
Ion Ratio Lower Upper  
252 100  
254 66.3 50.2 75.4  
126 8.8 8.2 12.4





#83  
Chrysene  
Concen: 38.766 ng  
RT: 14.033 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

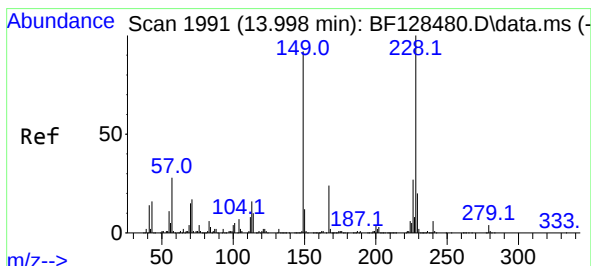
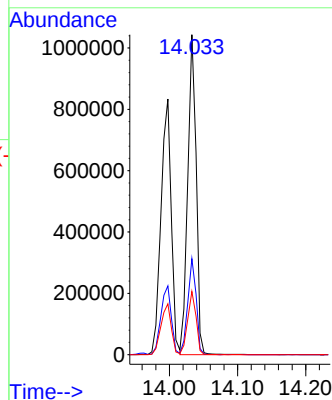
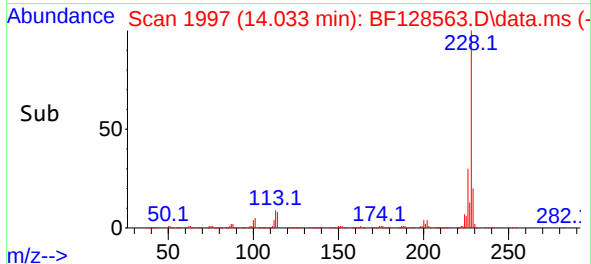
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



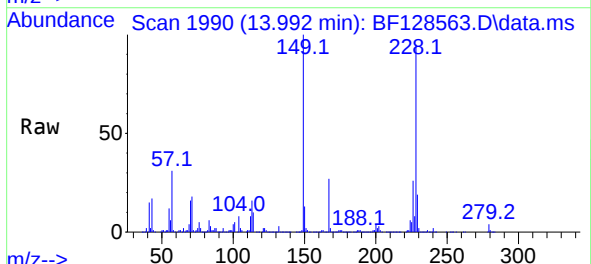
Tgt Ion:228 Resp: 890719  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.3 36.5  
229 19.8 15.9 23.9

Manual Integrations  
APPROVED

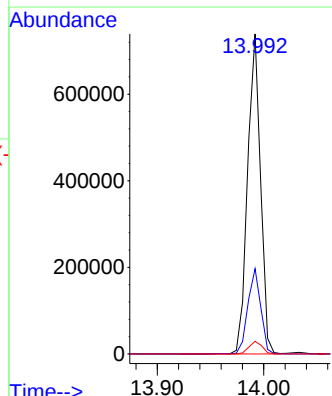
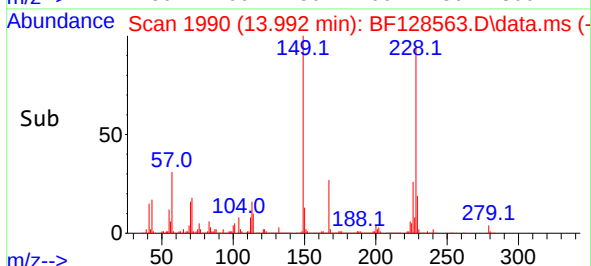
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

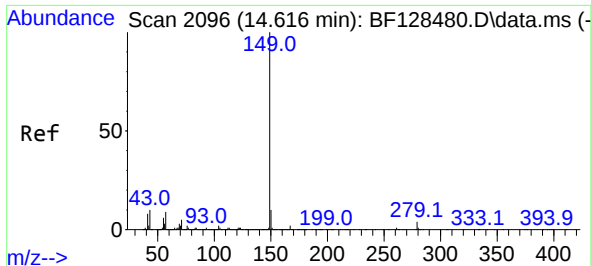


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.064 ng  
RT: 13.992 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



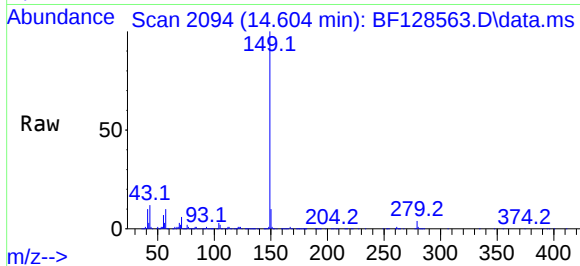
Tgt Ion:149 Resp: 624753  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.0 31.4  
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 39.600 ng  
RT: 14.604 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

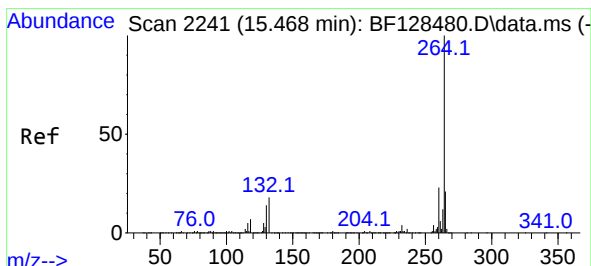
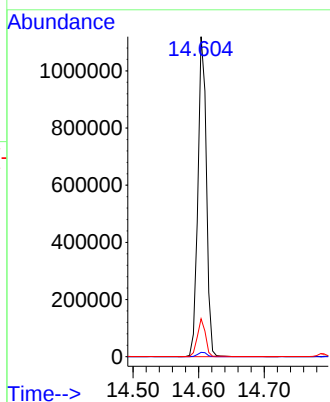
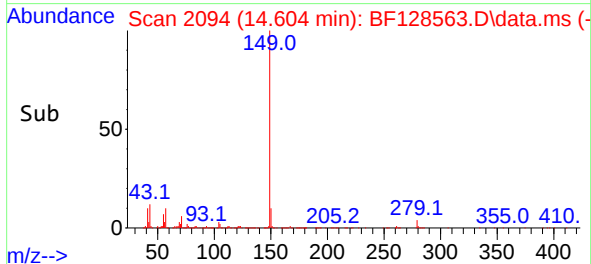
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 101126  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.4 9.2 13.8

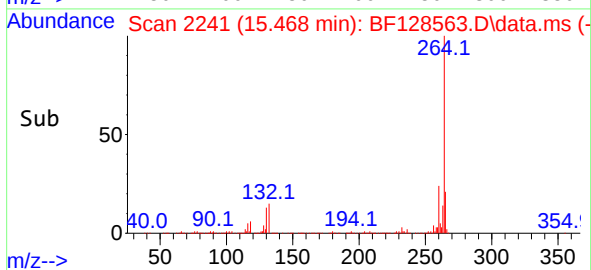
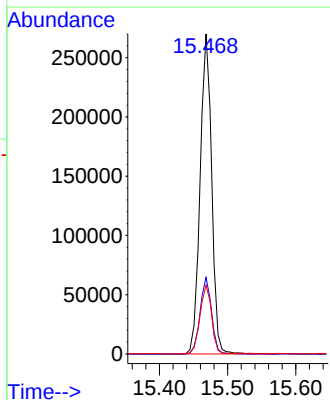
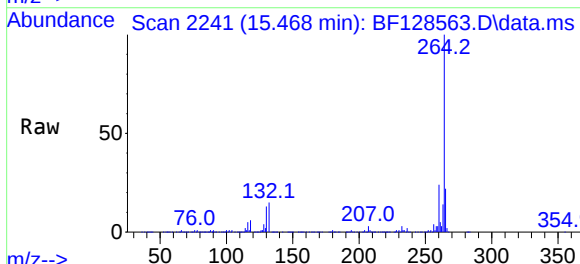
Manual Integrations  
APPROVED

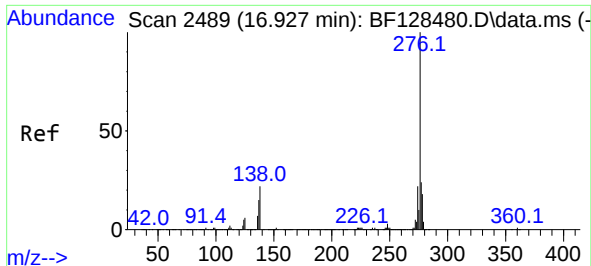
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Tgt Ion:264 Resp: 318242  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.4 27.6  
265 21.5 17.2 25.8





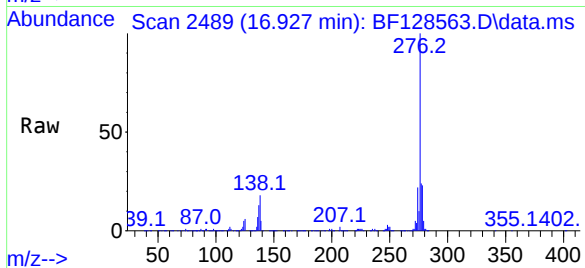
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.389 ng  
RT: 16.927 min Scan# 2489  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

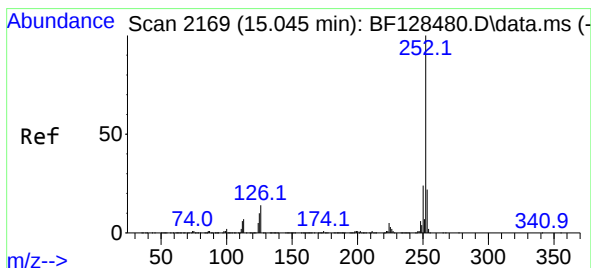
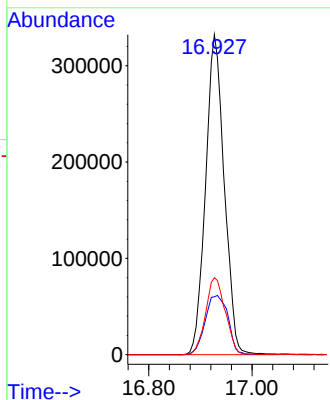
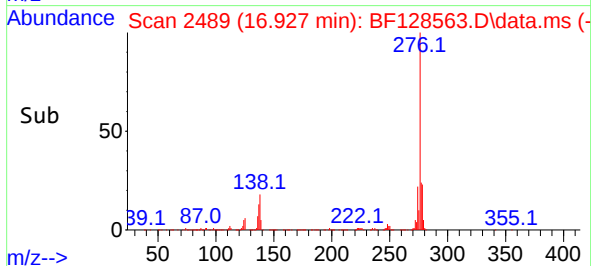


Tgt Ion:276 Resp: 833178  
Ion Ratio Lower Upper  
276 100  
138 22.6 21.1 31.7  
277 25.5 20.3 30.5

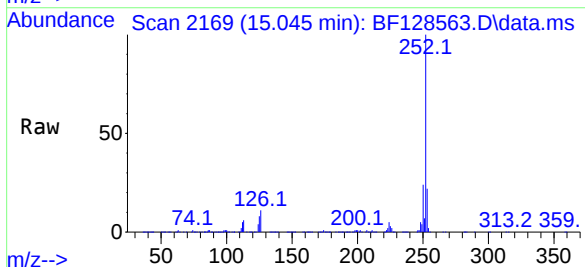
Manual Integrations

APPROVED

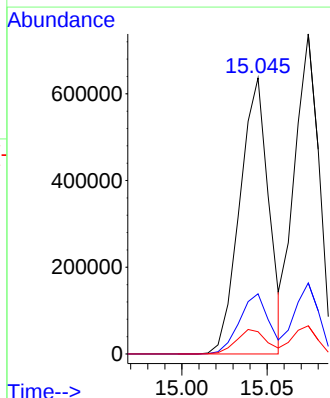
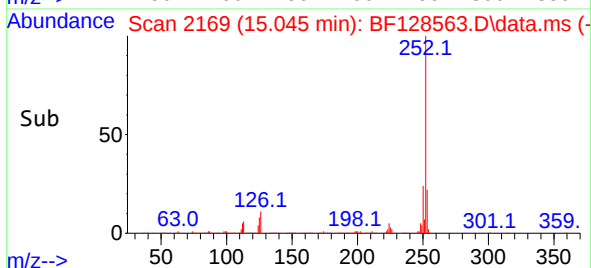
Reviewed By :Christian Giraldo 05/31/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

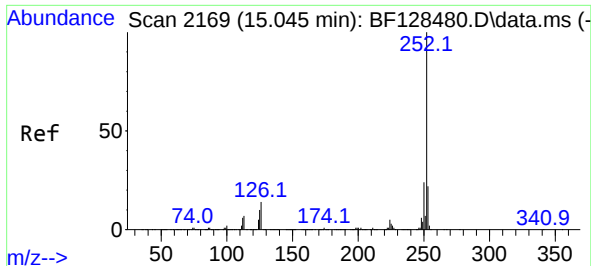


#88  
Benzo(b)fluoranthene  
Concen: 38.028 ng  
RT: 15.045 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion:252 Resp: 752839  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 8.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.811 ng

RT: 15.074 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 748559

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

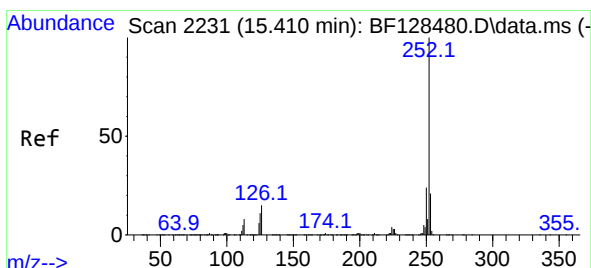
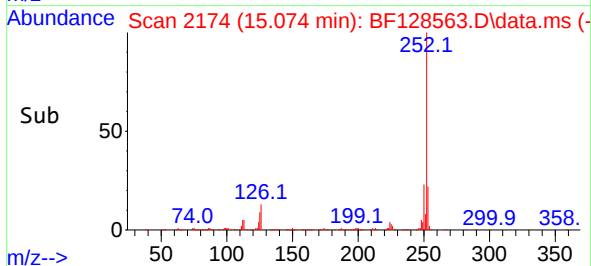
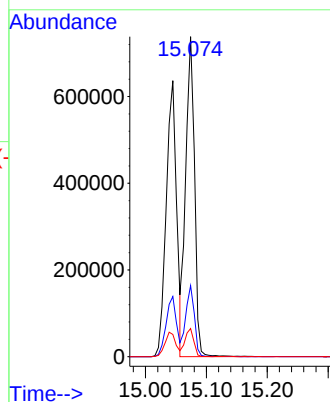
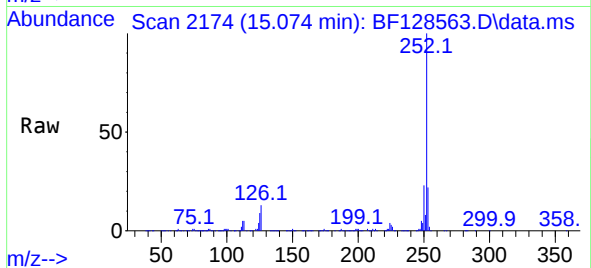
125 8.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2022

Supervised By :Jagrut Upadhyay 05/31/2022



#90

Benzo(a)pyrene

Concen: 39.774 ng

RT: 15.409 min Scan# 2231

Delta R.T. -0.000 min

Lab File: BF128563.D

Acq: 29 May 2022 11:07

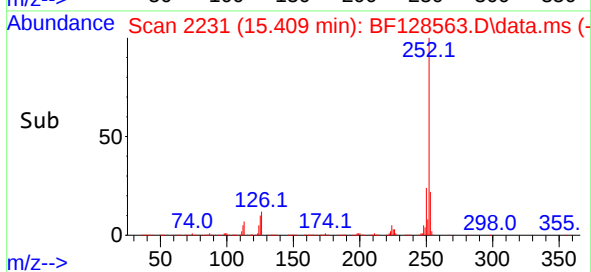
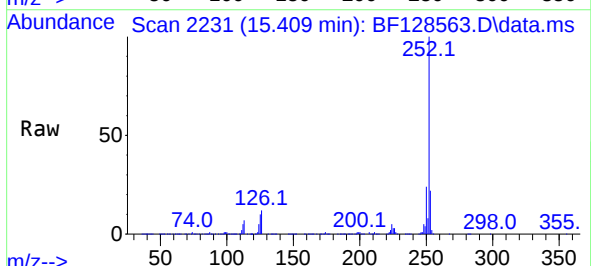
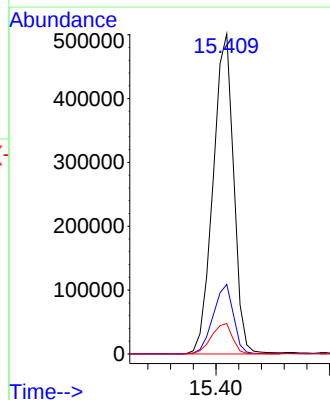
Tgt Ion:252 Resp: 631747

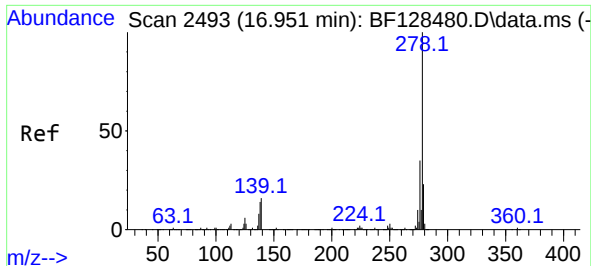
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.5 8.8 13.2





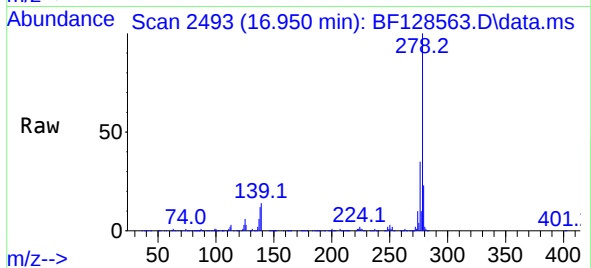
#91  
Dibenzo(a,h)anthracene  
Concen: 44.590 ng  
RT: 16.950 min Scan# 2493  
Delta R.T. -0.000 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

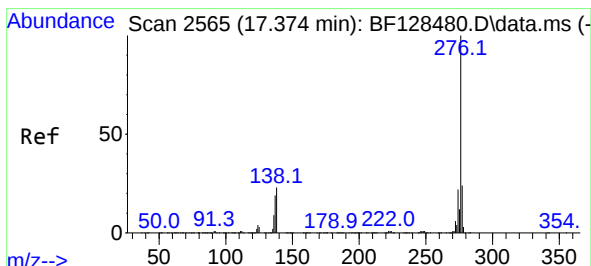
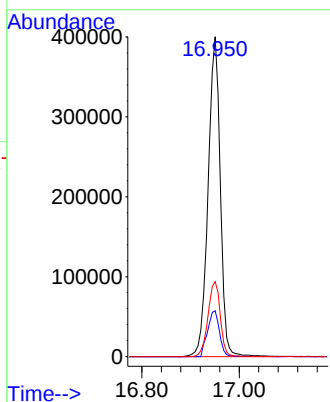
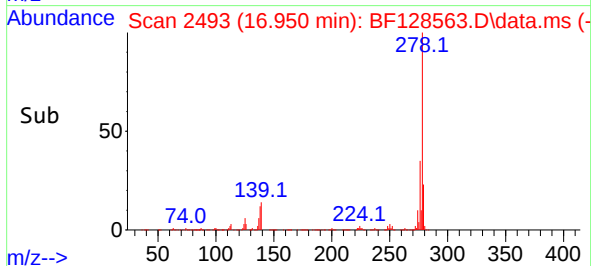


Tgt Ion: 278 Resp: 69395  
Ion Ratio Lower Upper  
278 100  
139 14.4 12.8 19.2  
279 23.5 18.6 28.0

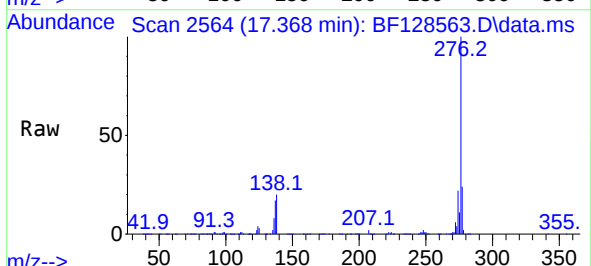
Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/31/2022  
Supervised By : Jagrut Upadhyay 05/31/2022



#92  
Benzo(g,h,i)perylene  
Concen: 45.062 ng  
RT: 17.368 min Scan# 2564  
Delta R.T. -0.006 min  
Lab File: BF128563.D  
Acq: 29 May 2022 11:07



Tgt Ion: 276 Resp: 695604  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.1 28.7  
138 19.7 18.0 27.0

