

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041122\  
 Data File : BF127745.D  
 Acq On : 11 Apr 2022 18:21  
 Operator : CG\JU  
 Sample : N2337-02MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B250-CUMSD

Quant Time: Apr 12 04:56:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/12/2022  
 Supervised By : Jagrut Upadhyay 04/13/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.969  | 152  | 135630   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 495896   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.016 | 164  | 280046   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 451041   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.157 | 240  | 293337   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.686 | 264  | 306743   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.592  | 112  | 875357   | 104.871 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.592  | 99   | 1134264  | 103.874 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.534  | 82   | 811002   | 72.909  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.810 | 330  | 324980   | 109.050 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.328  | 172  | 1316568  | 66.507  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.092 | 244  | 1068958  | 60.150  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.875  | 88   | 147904   | 37.358  | ng    | 84       |
| 3) Pyridine                   | 3.634  | 79   | 386477   | 37.063  | ng    | 85       |
| 4) n-Nitrosodimethylamine     | 3.604  | 42   | 238542   | 42.537  | ng    | # 99     |
| 6) Aniline                    | 6.634  | 93   | 480039   | 36.859  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 418158   | 49.386  | ng    | 94       |
| 9) Benzaldehyde               | 6.522  | 77   | 310938   | 60.536  | ng    | 95       |
| 10) Phenol                    | 6.604  | 94   | 515977m  | 47.256  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.704  | 93   | 418507   | 46.413  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 441523   | 45.636  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.987  | 146  | 448425   | 45.851  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.139  | 146  | 430439   | 46.044  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.110  | 79   | 421984   | 44.204  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239  | 45   | 608767   | 42.771  | ng    | 96       |
| 17) 2-Methylphenol            | 7.216  | 107  | 348773   | 47.354  | ng    | 99       |
| 18) Hexachloroethane          | 7.481  | 117  | 171118   | 45.853  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 316482   | 44.811  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.369  | 107  | 418699   | 44.610  | ng    | # 75     |
| 22) Acetophenone              | 7.381  | 105  | 574897   | 43.142  | ng    | # 84     |
| 24) Nitrobenzene              | 7.551  | 77   | 496444   | 46.041  | ng    | 98       |
| 25) Isophorone                | 7.792  | 82   | 921782   | 47.491  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.869  | 139  | 208057   | 53.692  | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.898  | 122  | 386179   | 50.901  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 7.998  | 93   | 521308   | 43.558  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.104  | 162  | 374360   | 45.805  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.192  | 180  | 418710   | 44.515  | ng    | 96       |
| 31) Naphthalene               | 8.275  | 128  | 1164961  | 44.832  | ng    | 99       |
| 32) Benzoic acid              | 8.016  | 122  | 213317   | 38.754  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.316  | 127  | 140735   | 13.752  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.386  | 225  | 288204   | 44.543  | ng    | 98       |
| 35) Caprolactam               | 8.704  | 113  | 117024m  | 48.446  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.798  | 107  | 396442   | 46.267  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.969  | 142  | 775925   | 44.646  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.069  | 142  | 750422   | 44.735  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.133  | 216  | 431746   | 47.004  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.116  | 237  | 362432   | 65.504  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.245  | 196  | 278794   | 44.707  | ng    | 99       |

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 Acq On : 11 Apr 2022 18:21  
 Operator : CG\JU  
 Sample : N2337-02MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

B250-CUMSD

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 04/12/2022  
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 04:56:07 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

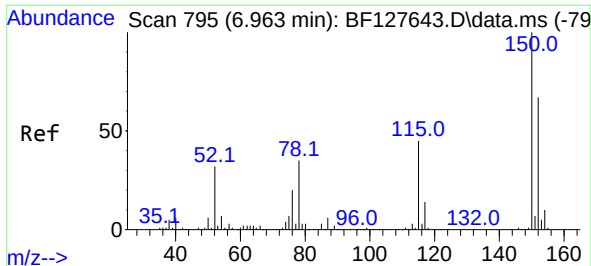
QLast Update : Wed Apr 06 13:55:27 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.280  | 196  | 294041   | 46.729 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.433  | 154  | 978125   | 45.670 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.457  | 162  | 776341   | 45.613 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.557  | 65   | 264906   | 50.114 | ng    | 88       |
| 49) Acenaphthylene            | 9.880  | 152  | 1233020  | 47.628 | ng    | 100      |
| 50) Dimethylphthalate         | 9.733  | 163  | 954407   | 47.017 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.798  | 165  | 200656   | 52.441 | ng    | 93       |
| 52) Acenaphthene              | 10.051 | 154  | 744236   | 45.630 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.969  | 138  | 119003   | 29.440 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 10.069 | 184  | 87357    | 48.315 | ng    | 95       |
| 55) Dibenzofuran              | 10.222 | 168  | 1065589  | 44.771 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.127 | 139  | 268325   | 84.511 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 10.198 | 165  | 265121   | 55.887 | ng    | 91       |
| 58) Fluorene                  | 10.569 | 166  | 796511   | 45.293 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.333 | 232  | 239190   | 43.623 | ng    | 99       |
| 60) Diethylphthalate          | 10.433 | 149  | 889859   | 45.810 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.557 | 204  | 440115   | 45.548 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.586 | 138  | 165538   | 43.482 | ng    | 93       |
| 63) Azobenzene                | 10.716 | 77   | 901395   | 41.528 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 74808    | 34.339 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.675 | 169  | 717950   | 50.541 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248  | 286252   | 52.293 | ng    | # 92     |
| 68) Hexachlorobenzene         | 11.110 | 284  | 306724   | 51.258 | ng    | 97       |
| 69) Atrazine                  | 11.204 | 200  | 268939   | 56.982 | ng    | 99       |
| 70) Pentachlorophenol         | 11.304 | 266  | 283333   | 79.278 | ng    | 99       |
| 71) Phenanthrene              | 11.533 | 178  | 1095114  | 45.825 | ng    | 99       |
| 72) Anthracene                | 11.586 | 178  | 1094125  | 46.285 | ng    | 99       |
| 73) Carbazole                 | 11.739 | 167  | 924073   | 41.718 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 1240771  | 46.859 | ng    | 99       |
| 75) Fluoranthene              | 12.727 | 202  | 1063359  | 40.776 | ng    | 98       |
| 77) Benzidine                 | 12.845 | 184  | 330245   | 43.134 | ng    | 100      |
| 78) Pyrene                    | 12.957 | 202  | 1052126  | 42.475 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.568 | 149  | 399261   | 43.291 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.145 | 228  | 945501   | 48.260 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.110 | 252  | 284500   | 46.580 | ng    | # 97     |
| 83) Chrysene                  | 14.186 | 228  | 872965   | 46.419 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149  | 548334   | 42.179 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 922251   | 48.518 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.256 | 276  | 781815   | 40.794 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.233 | 252  | 980681   | 49.698 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.262 | 252  | 914624   | 46.733 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.621 | 252  | 906162   | 56.499 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.280 | 278  | 672529   | 43.310 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 17.733 | 276  | 632791   | 39.750 | ng    | 99       |

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





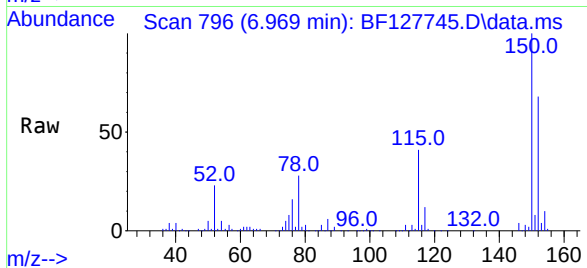
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.969 min Scan# 79  
 Delta R.T. 0.006 min  
 Lab File: BF127745.D  
 Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

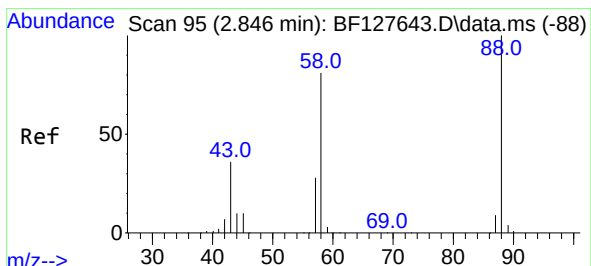
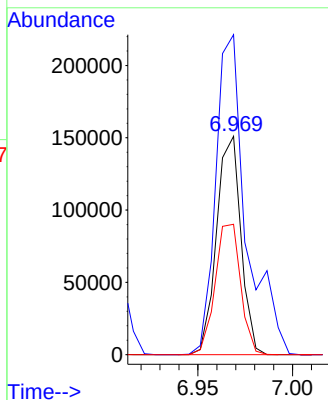
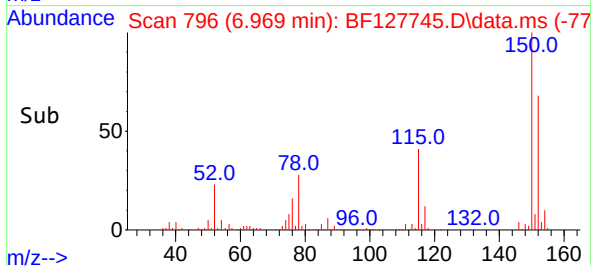


Tgt Ion:152 Resp: 135630  
 Ion Ratio Lower Upper  
 152 100  
 150 146.5 117.2 175.8  
 115 59.7 49.8 74.6

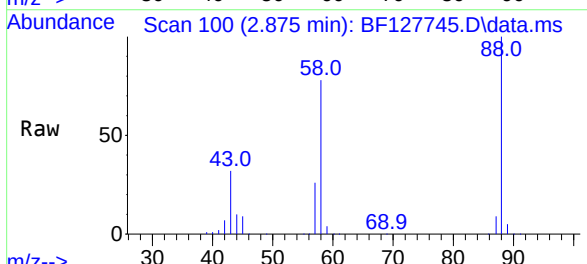
Manual Integrations

APPROVED

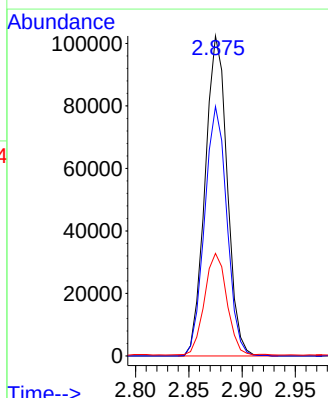
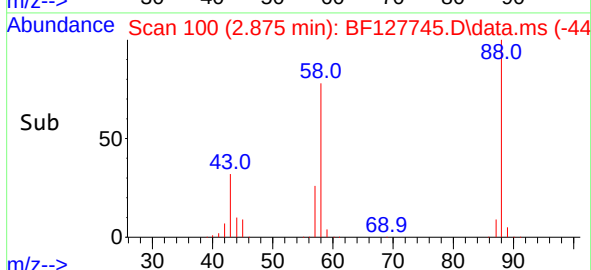
Reviewed By :Christian Giraldo 04/12/2022  
 Supervised By :Jagrut Upadhyay 04/13/2022

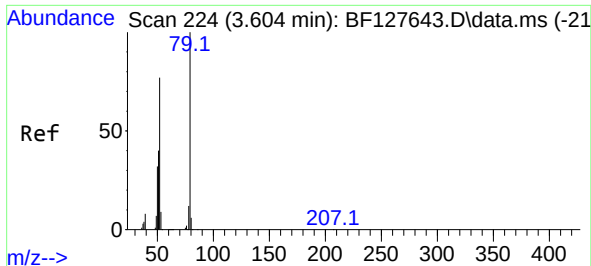


#2  
 1,4-Dioxane  
 Concen: 37.358 ng  
 RT: 2.875 min Scan# 100  
 Delta R.T. 0.029 min  
 Lab File: BF127745.D  
 Acq: 11 Apr 2022 18:21



Tgt Ion: 88 Resp: 147904  
 Ion Ratio Lower Upper  
 88 100  
 58 78.6 77.0 115.4  
 43 32.5 31.3 46.9





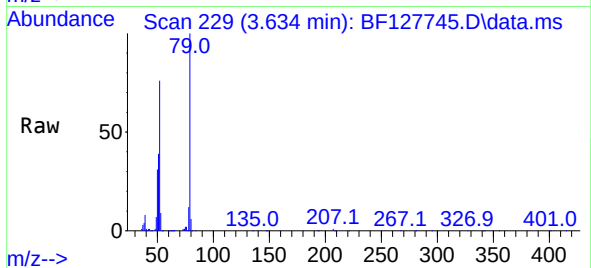
#3  
Pyridine  
Concen: 37.063 ng  
RT: 3.634 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

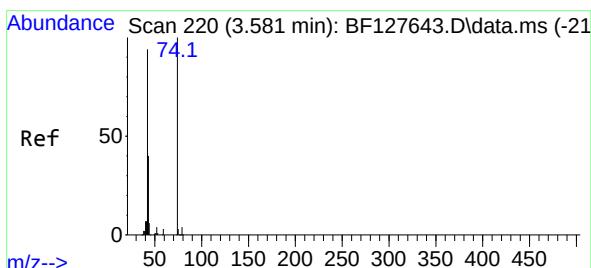
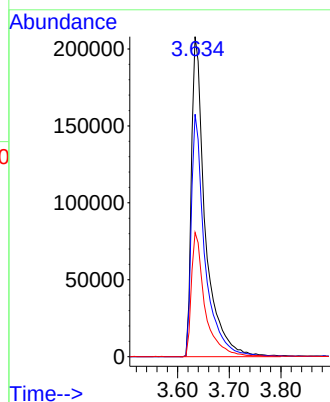
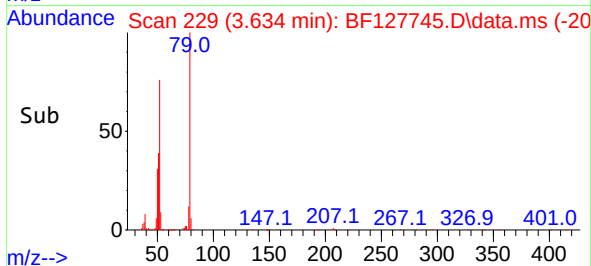


Tgt Ion: 79 Resp: 38647  
Ion Ratio Lower Upper  
79 100  
52 75.8 74.2 111.4  
51 38.8 36.7 55.1

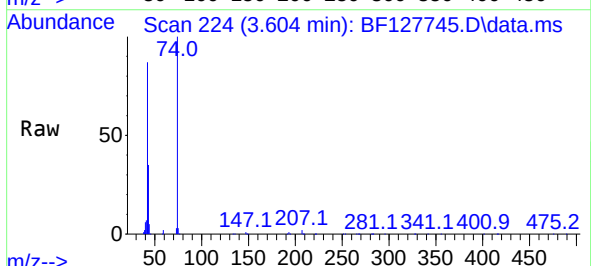
Manual Integrations

APPROVED

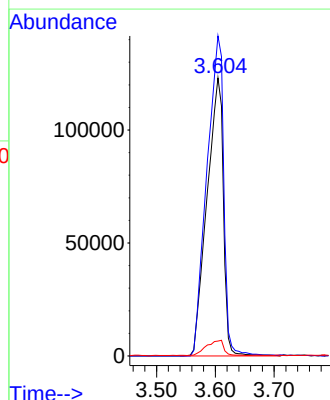
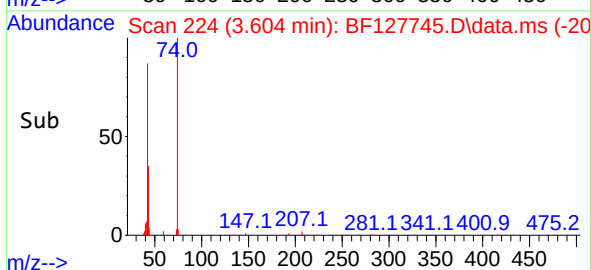
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

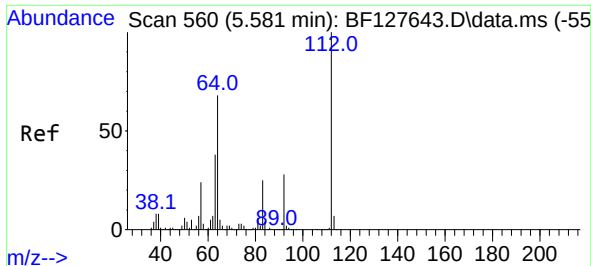


#4  
n-Nitrosodimethylamine  
Concen: 42.537 ng  
RT: 3.604 min Scan# 224  
Delta R.T. 0.023 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion: 42 Resp: 238542  
Ion Ratio Lower Upper  
42 100  
74 115.0 92.4 138.6  
44 5.3 6.0 9.0





#5  
2-Fluorophenol  
Concen: 104.871 ng  
RT: 5.592 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

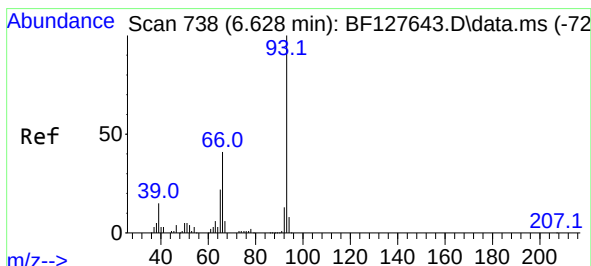
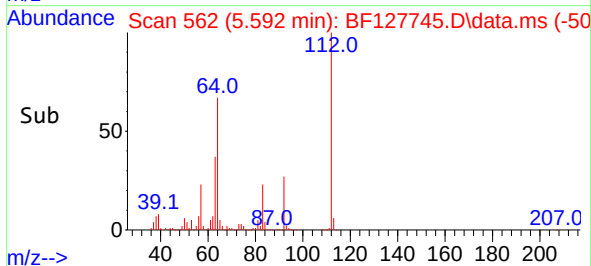
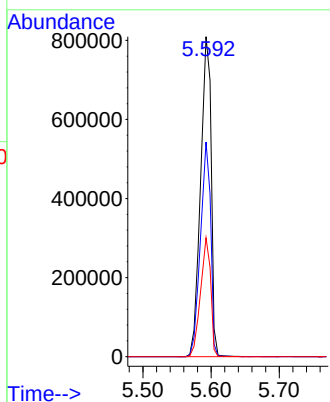
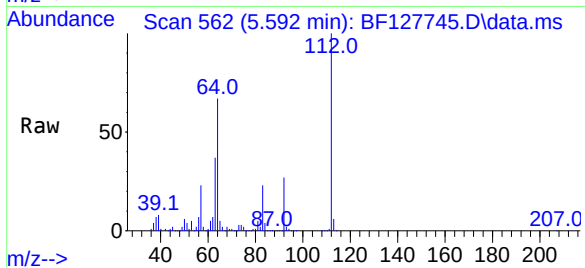
B250-CUMSD

Tgt Ion:112 Resp: 87535  
Ion Ratio Lower Upper  
112 100  
64 67.1 58.4 87.6  
63 37.1 30.1 45.1

Manual Integrations

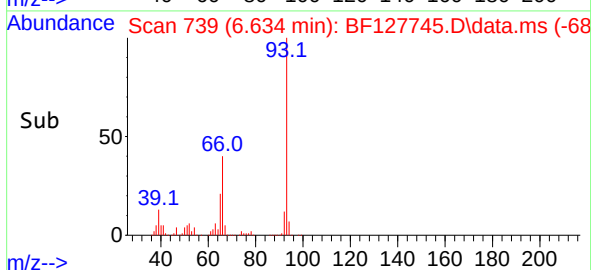
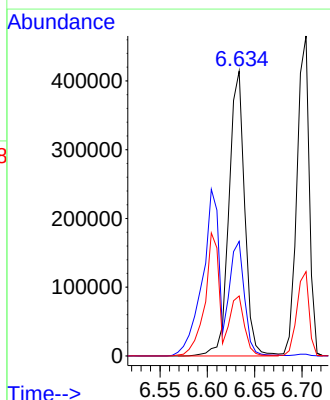
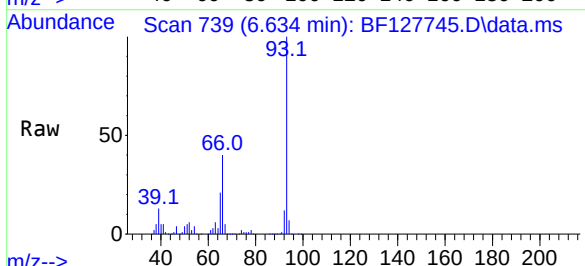
APPROVED

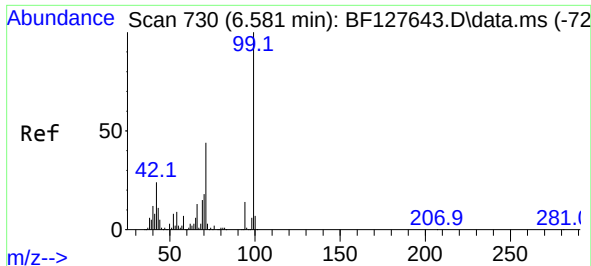
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#6  
Aniline  
Concen: 36.859 ng  
RT: 6.634 min Scan# 739  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

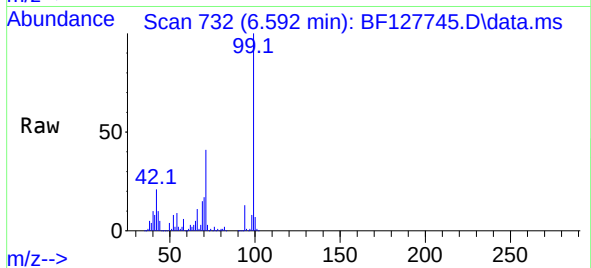
Tgt Ion: 93 Resp: 480039  
Ion Ratio Lower Upper  
93 100  
66 40.2 36.2 54.4  
65 21.1 18.4 27.6





#7  
Phenol-d6  
Concen: 103.874 ng  
RT: 6.592 min Scan# 713  
Delta R.T. 0.012 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

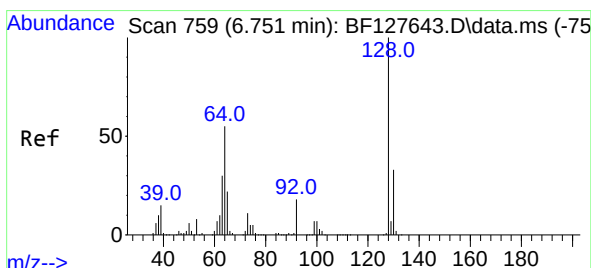
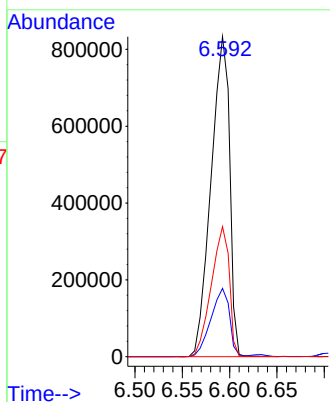
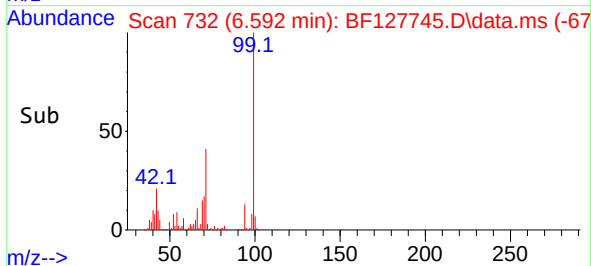
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



Tgt Ion: 99 Resp: 1134264  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.8 26.6  
71 40.6 29.6 44.4

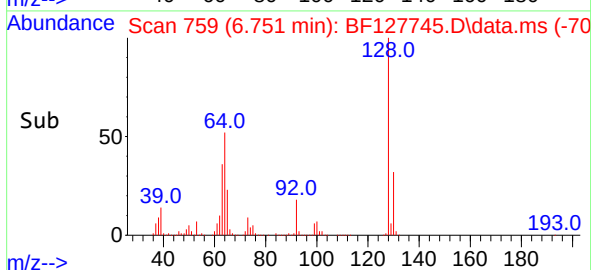
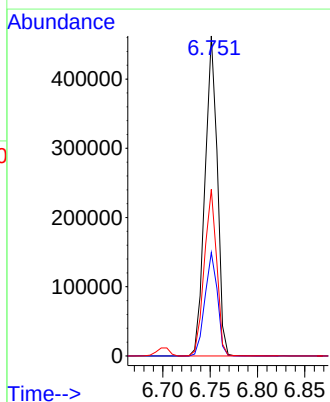
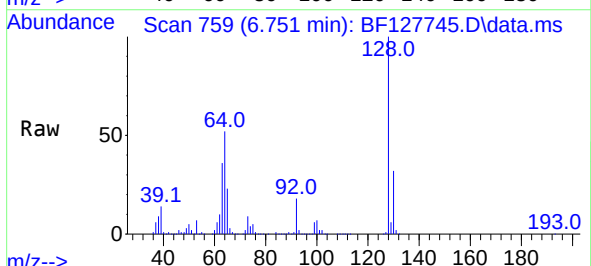
Manual Integrations  
APPROVED

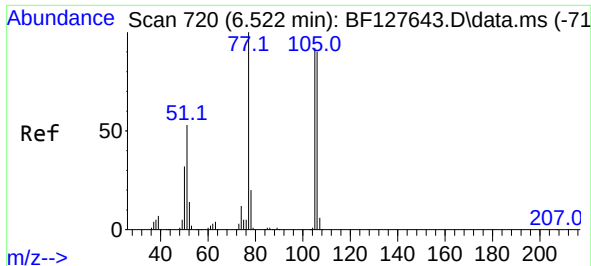
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#8  
2-Chlorophenol  
Concen: 49.386 ng  
RT: 6.751 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

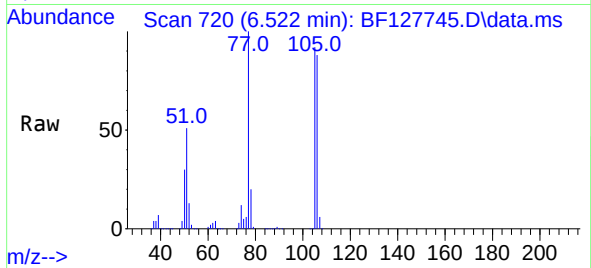
Tgt Ion:128 Resp: 418158  
Ion Ratio Lower Upper  
128 100  
130 32.3 11.3 51.3  
64 52.1 38.4 78.4





#9  
Benzaldehyde  
Concen: 60.536 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

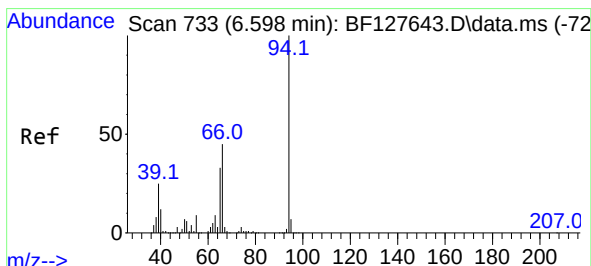
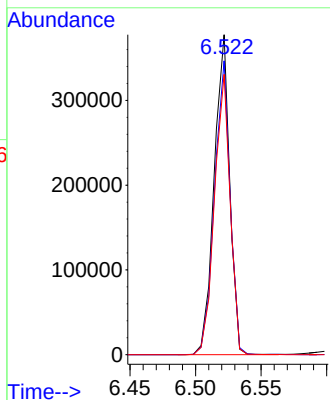
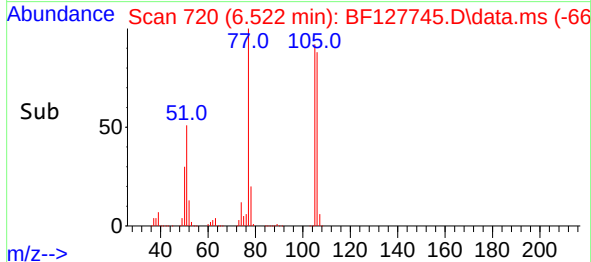
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



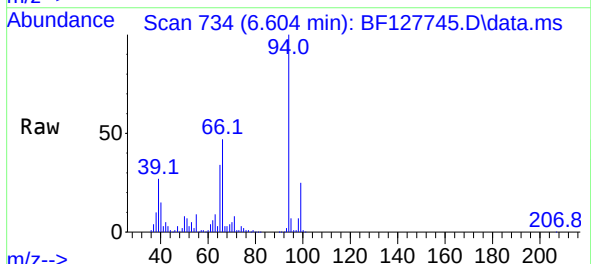
Tgt Ion: 77 Resp: 310938  
Ion Ratio Lower Upper  
77 100  
105 91.9 66.8 106.8  
106 87.6 64.3 104.3

Manual Integrations  
APPROVED

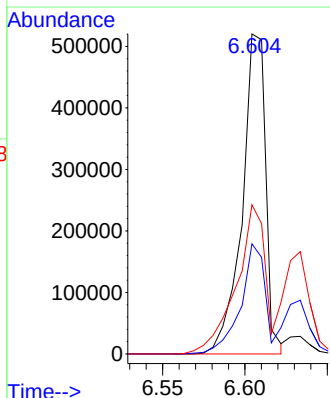
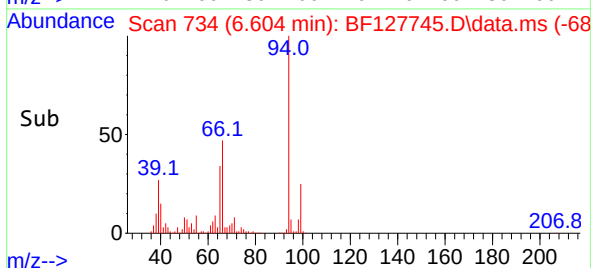
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



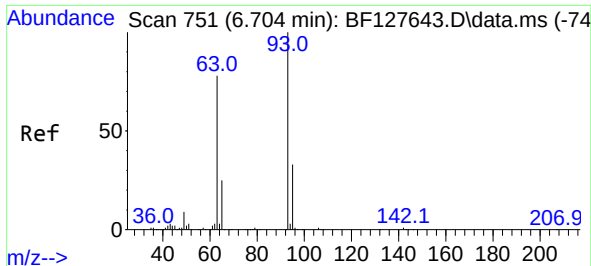
#10  
Phenol  
Concen: 47.256 ng m  
RT: 6.604 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion: 94 Resp: 515977  
Ion Ratio Lower Upper  
94 100  
65 34.4 13.1 53.1  
66 46.6 24.9 64.9







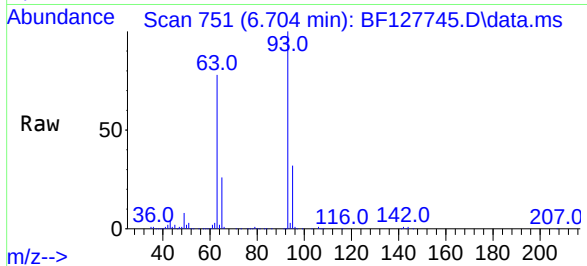
#11  
bis(2-Chloroethyl)ether  
Concen: 46.413 ng  
RT: 6.704 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

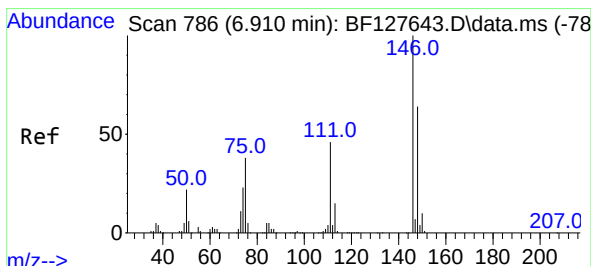
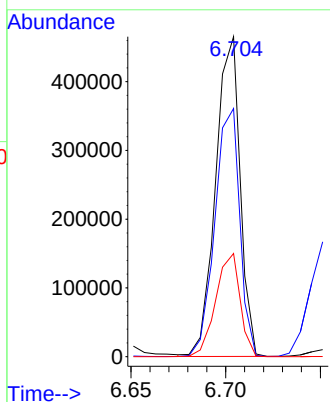
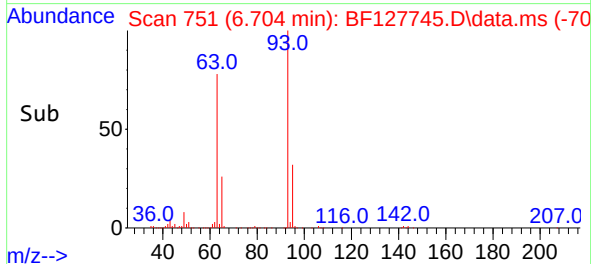


Tgt Ion: 93 Resp: 418507  
Ion Ratio Lower Upper  
93 100  
63 77.6 69.6 109.6  
95 32.3 11.6 51.6

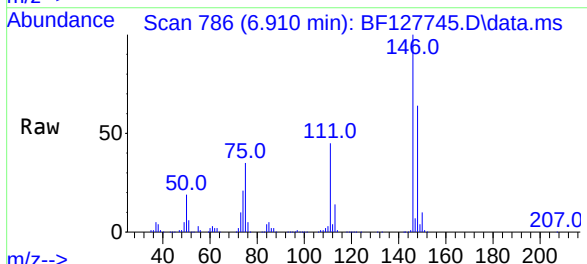
Manual Integrations

APPROVED

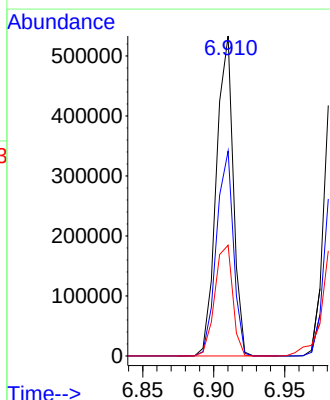
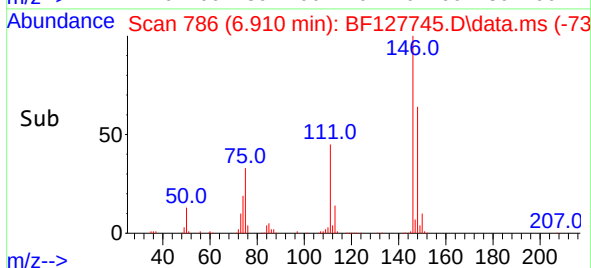
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

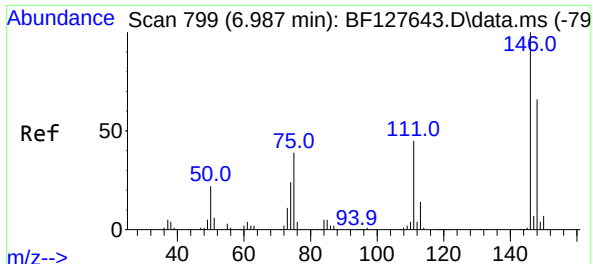


#12  
1,3-Dichlorobenzene  
Concen: 45.636 ng  
RT: 6.910 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:146 Resp: 441523  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 76.0  
75 34.6 32.4 48.6





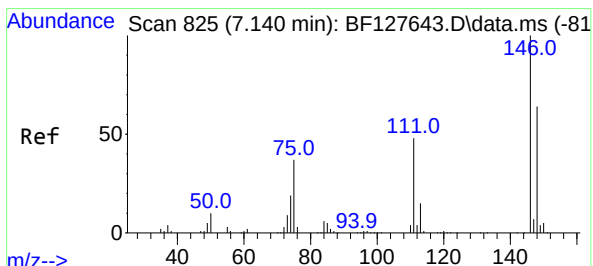
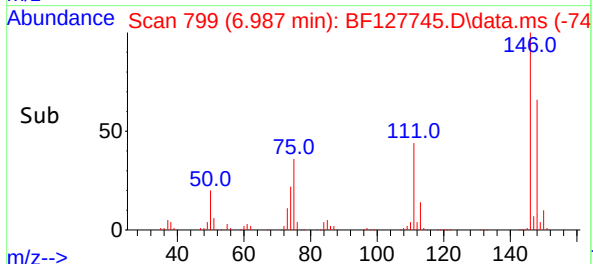
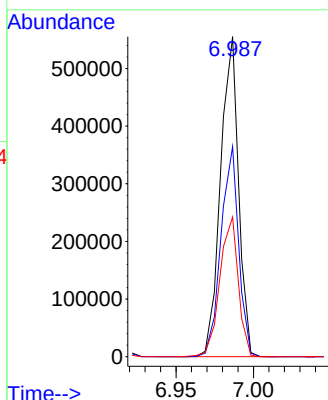
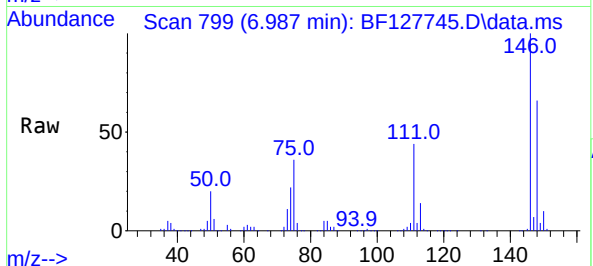
#13  
1,4-Dichlorobenzene  
Concen: 45.851 ng  
RT: 6.987 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD

Tgt Ion:146 Resp: 448425  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.3 76.9  
111 43.7 34.2 51.4

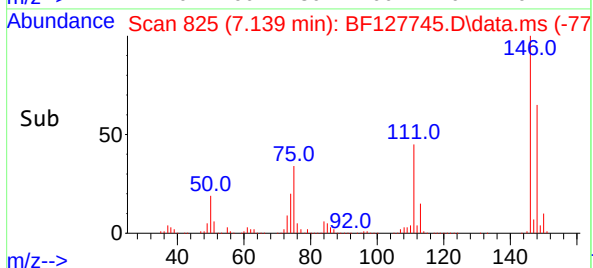
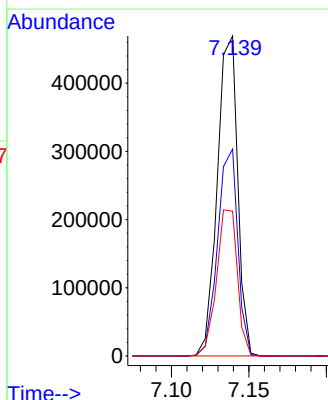
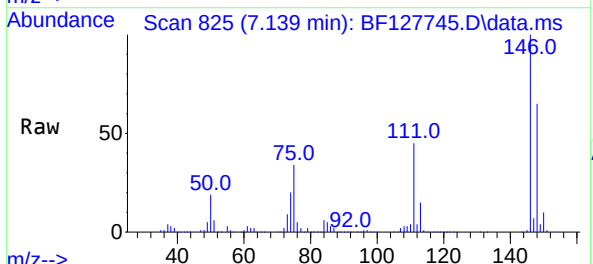
Manual Integrations  
APPROVED

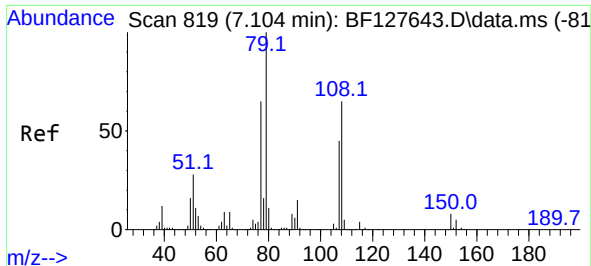
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#14  
1,2-Dichlorobenzene  
Concen: 46.044 ng  
RT: 7.139 min Scan# 825  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:146 Resp: 430439  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.4 77.2  
111 45.3 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 44.204 ng  
RT: 7.110 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

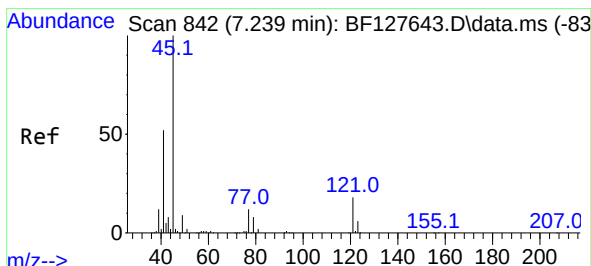
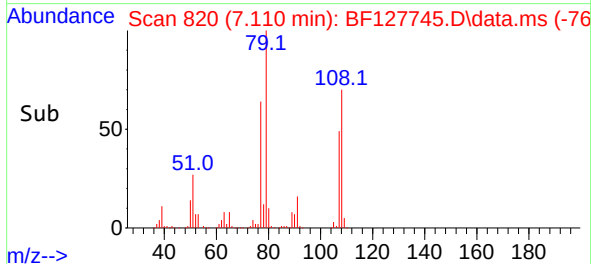
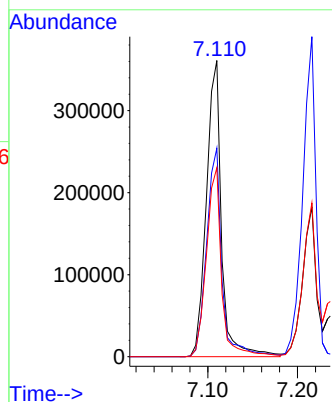
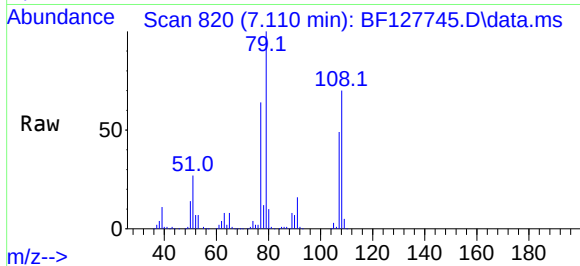
ClientSampleId :

B250-CUMSD

Tgt Ion: 79 Resp: 421984  
Ion Ratio Lower Upper  
79 100  
108 70.4 52.2 78.2  
77 63.8 48.3 72.5

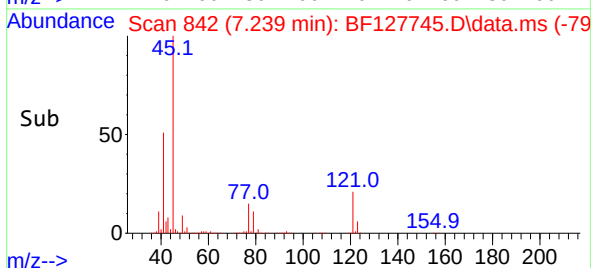
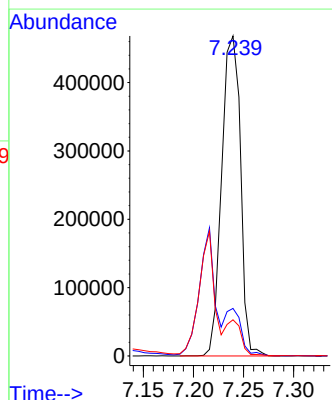
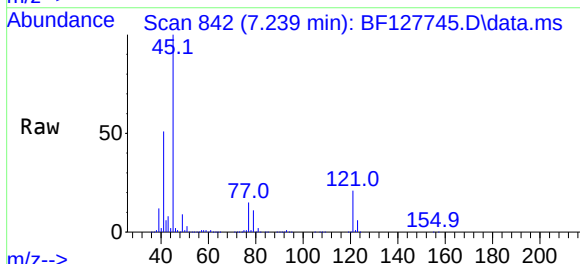
Manual Integrations  
APPROVED

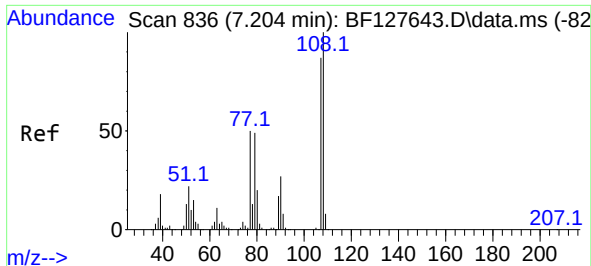
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.771 ng  
RT: 7.239 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

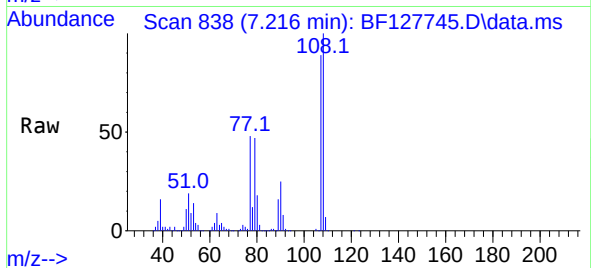
Tgt Ion: 45 Resp: 608767  
Ion Ratio Lower Upper  
45 100  
77 14.9 0.0 32.9  
79 11.3 0.0 29.9





#17  
2-Methylphenol  
Concen: 47.354 ng  
RT: 7.216 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

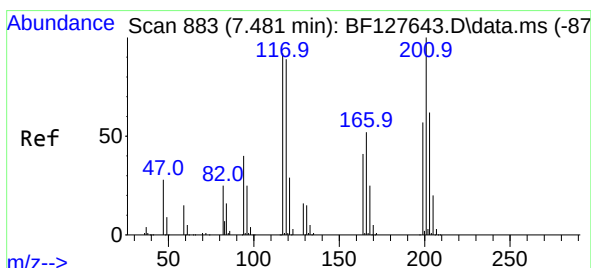
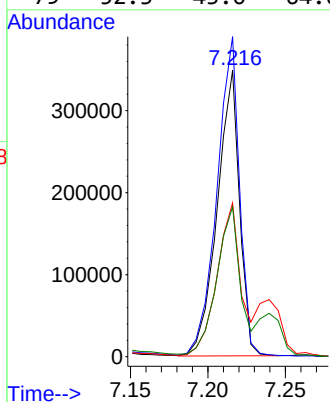
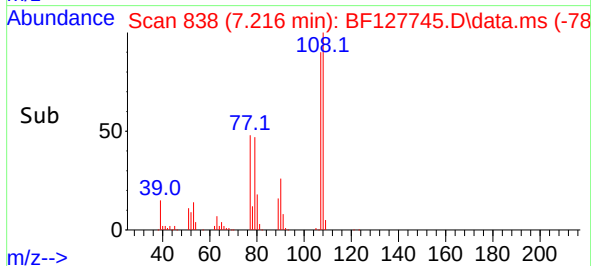
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



Tgt Ion:107 Resp: 34877  
Ion Ratio Lower Upper  
107 100  
108 111.8 90.7 136.1  
77 53.7 42.9 64.3  
79 52.3 43.0 64.6

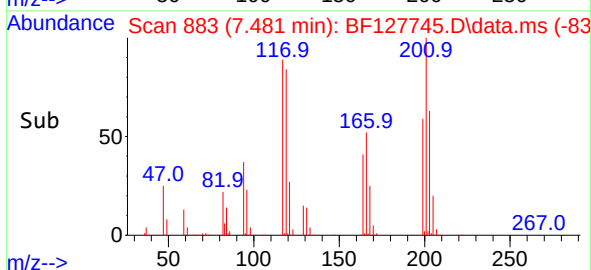
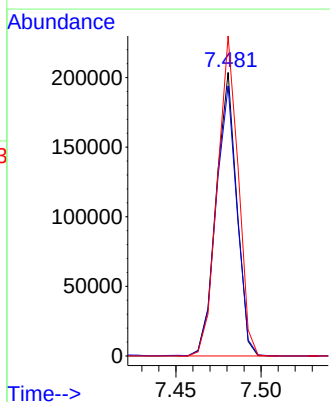
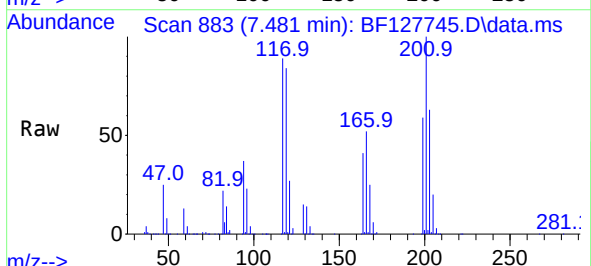
Manual Integrations  
APPROVED

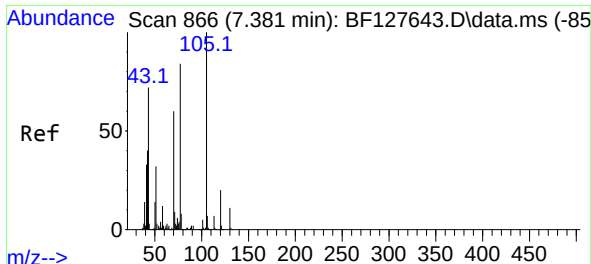
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#18  
Hexachloroethane  
Concen: 45.853 ng  
RT: 7.481 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

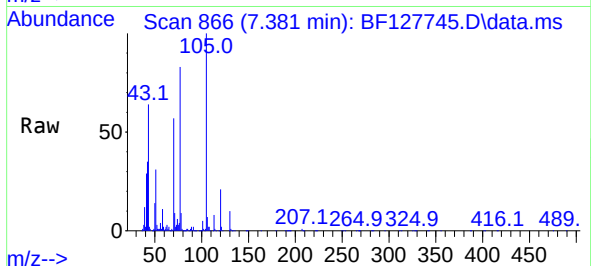
Tgt Ion:117 Resp: 171118  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.6 116.4  
201 112.8 88.2 132.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.811 ng  
RT: 7.381 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

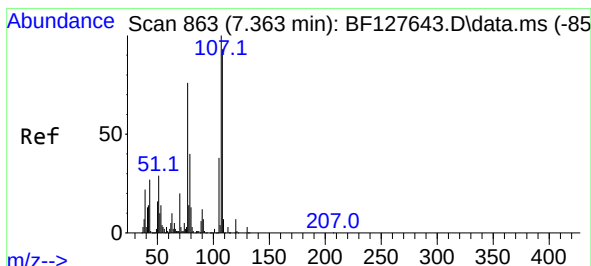
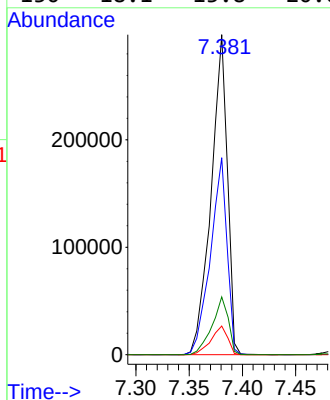
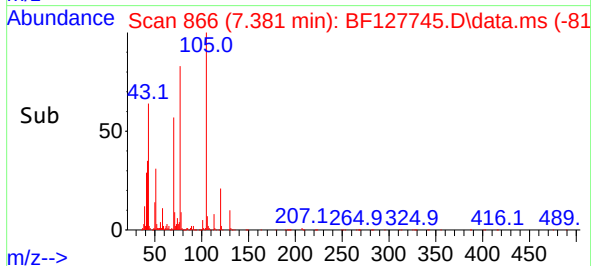
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



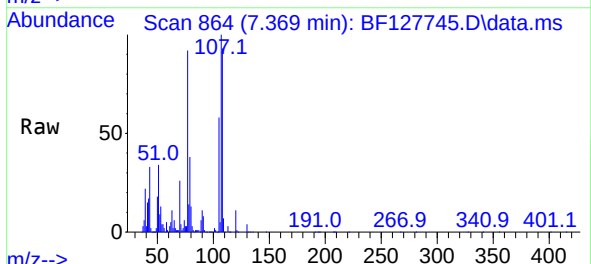
Tgt Ion: 70 Resp: 31648  
Ion Ratio Lower Upper  
70 100  
42 61.6 53.0 79.6  
101 8.9 6.8 10.2  
130 18.1 13.8 20.6

Manual Integrations  
APPROVED

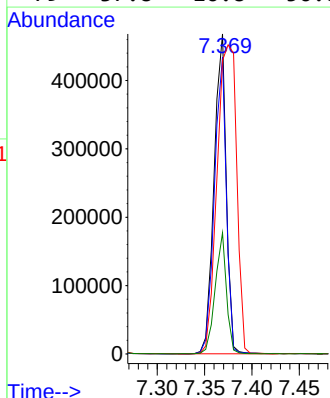
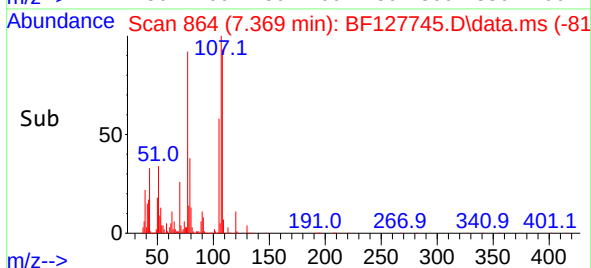
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

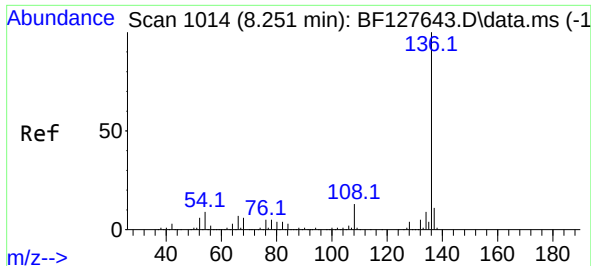


#20  
3+4-Methylphenols  
Concen: 44.610 ng  
RT: 7.369 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:107 Resp: 418699  
Ion Ratio Lower Upper  
107 100  
108 92.8 70.7 110.7  
77 91.7 127.9 167.9#  
79 37.8 16.8 56.8





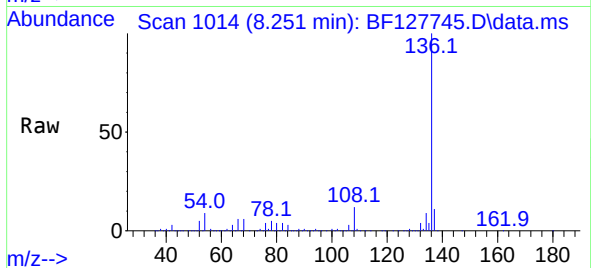
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.251 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

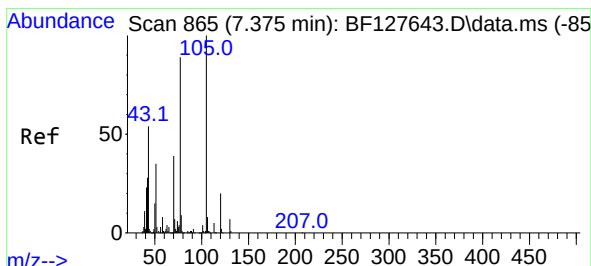
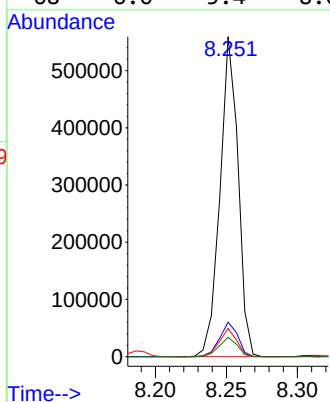
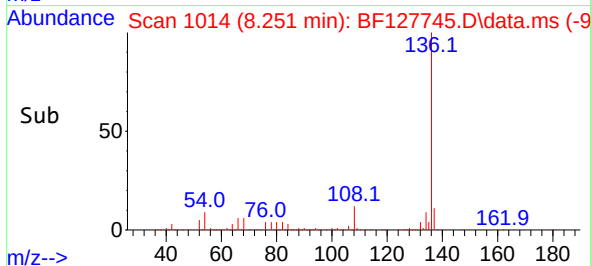


Tgt Ion:136 Resp: 495890  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.8 9.2 13.8  
68 6.0 5.4 8.0

Manual Integrations

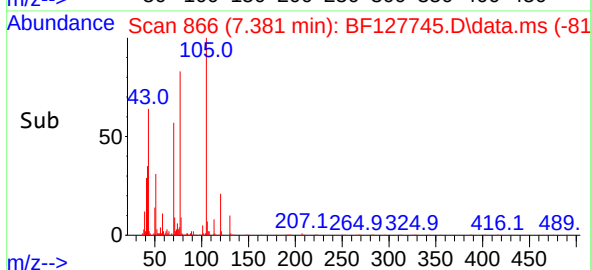
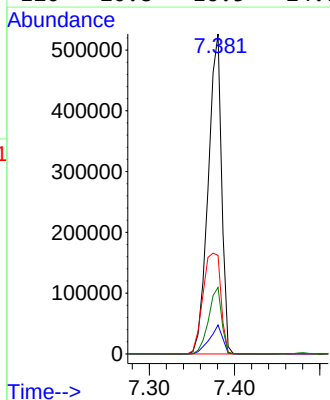
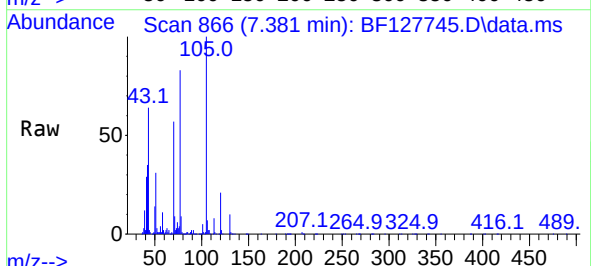
APPROVED

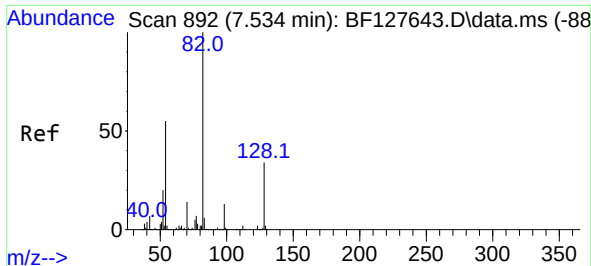
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#22  
Acetophenone  
Concen: 43.142 ng  
RT: 7.381 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

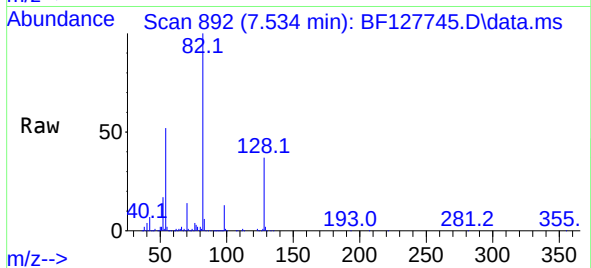
Tgt Ion:105 Resp: 574897  
Ion Ratio Lower Upper  
105 100  
71 9.1 7.3 10.9  
51 30.8 38.8 58.2  
120 20.8 16.5 24.7





#23  
Nitrobenzene-d5  
Concen: 72.909 ng  
RT: 7.534 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

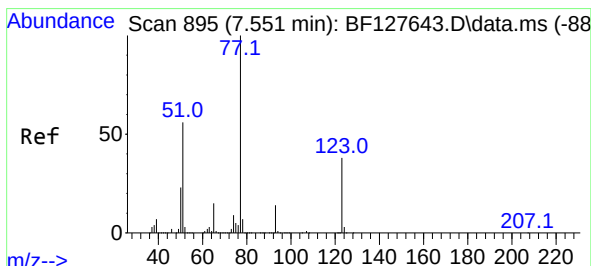
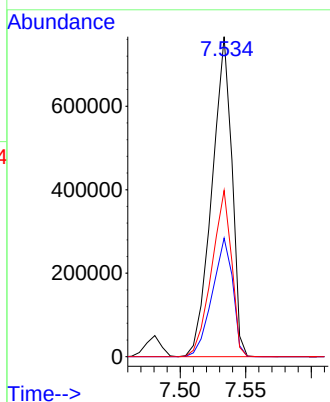
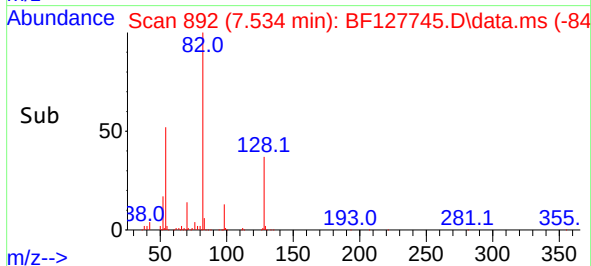
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



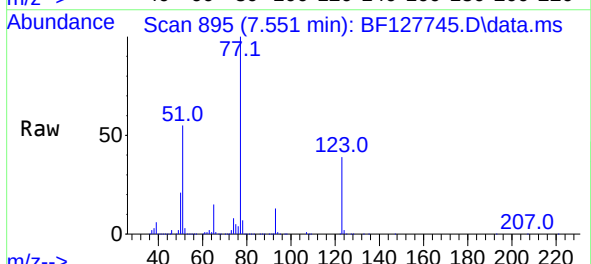
Tgt Ion: 82 Resp: 811002  
Ion Ratio Lower Upper  
82 100  
128 37.0 30.6 45.8  
54 52.0 48.2 72.2

Manual Integrations  
APPROVED

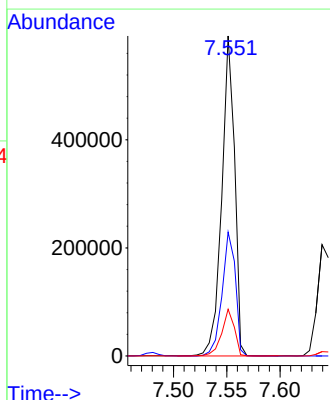
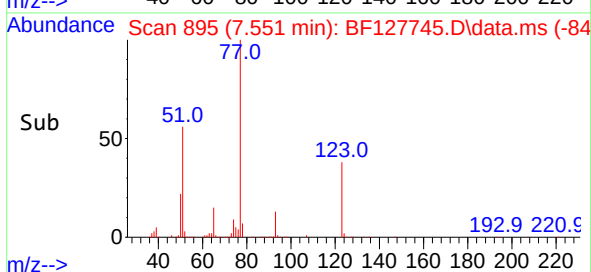
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

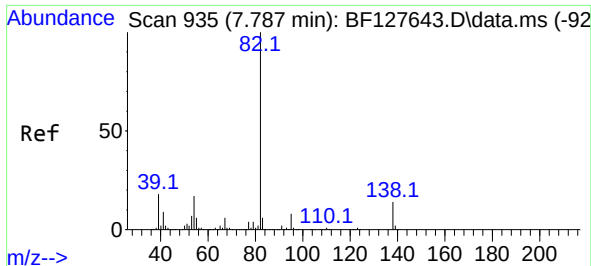


#24  
Nitrobenzene  
Concen: 46.041 ng  
RT: 7.551 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion: 77 Resp: 496444  
Ion Ratio Lower Upper  
77 100  
123 38.7 32.0 48.0  
65 14.6 12.2 18.2





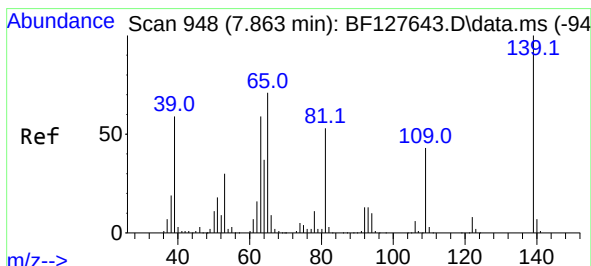
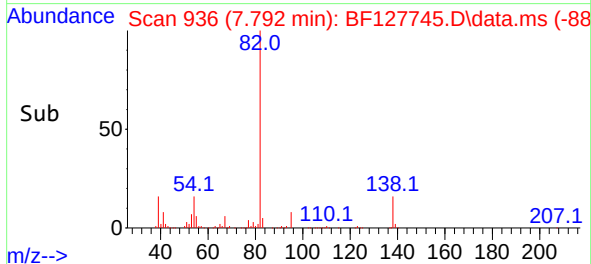
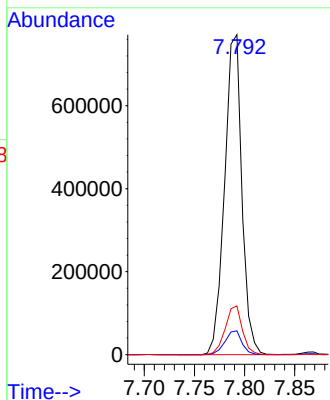
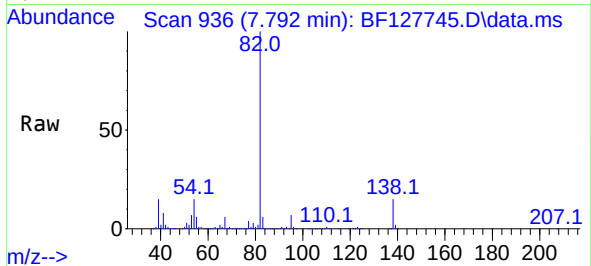
#25  
Isophorone  
Concen: 47.491 ng  
RT: 7.792 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD

Tgt Ion: 82 Resp: 92178  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.8  
138 15.2 11.6 17.4

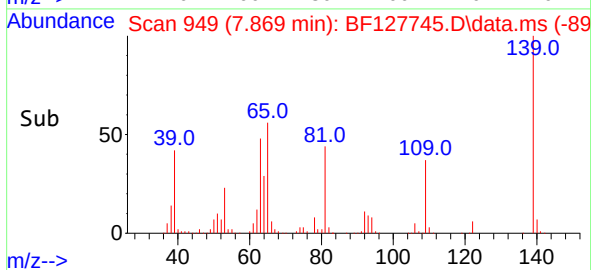
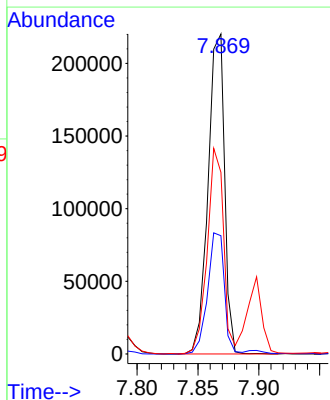
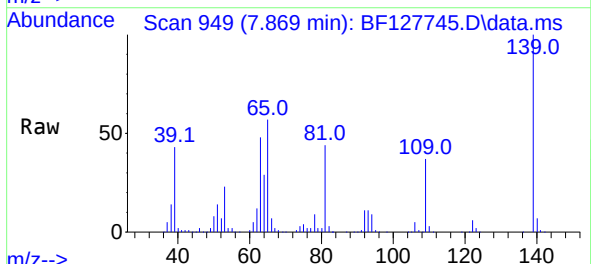
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

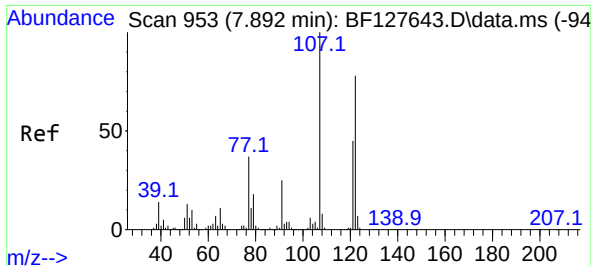


#26  
2-Nitrophenol  
Concen: 53.692 ng  
RT: 7.869 min Scan# 949  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:139 Resp: 208057  
Ion Ratio Lower Upper  
139 100  
109 37.0 28.2 42.2  
65 56.8 55.3 82.9







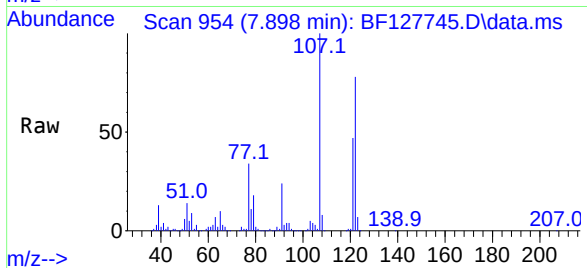
#27  
2,4-Dimethylphenol  
Concen: 50.901 ng  
RT: 7.898 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

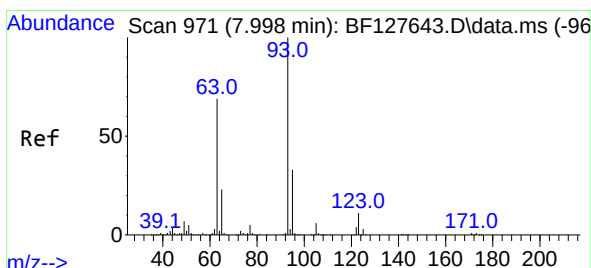
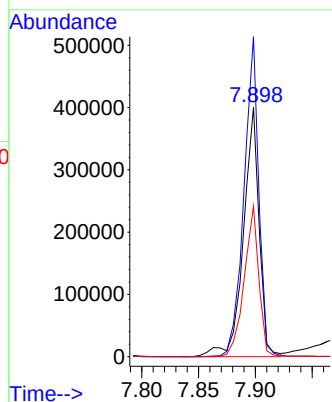
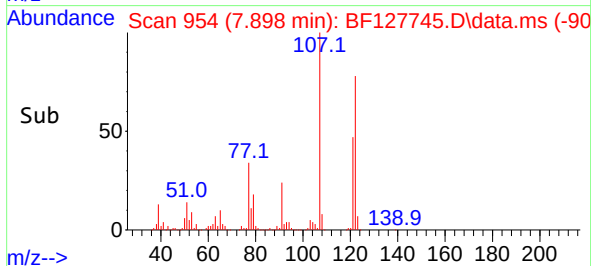


Tgt Ion:122 Resp: 386179  
Ion Ratio Lower Upper  
122 100  
107 128.2 93.0 139.4  
121 60.2 44.9 67.3

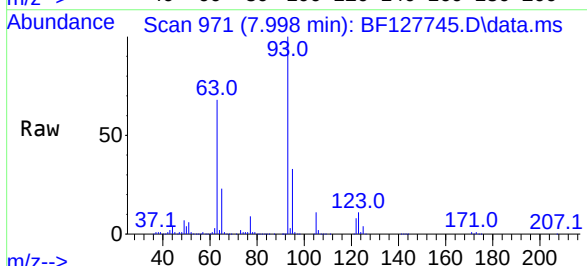
Manual Integrations

APPROVED

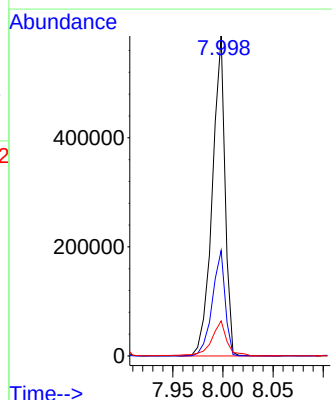
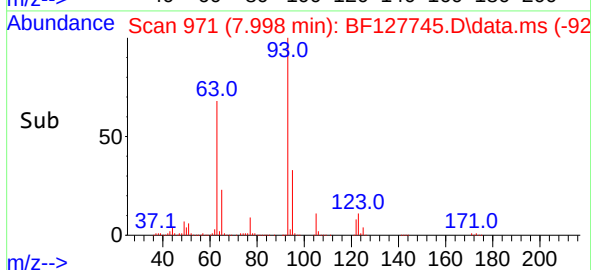
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

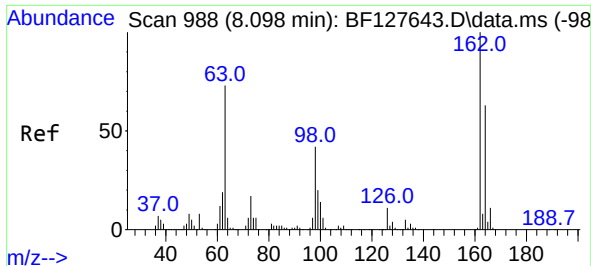


#28  
bis(2-Chloroethoxy)methane  
Concen: 43.558 ng  
RT: 7.998 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion: 93 Resp: 521308  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.3 39.5  
123 11.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.805 ng

RT: 8.104 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

Tgt Ion:162 Resp: 374360

Ion Ratio Lower Upper

162 100

164 62.9 43.7 83.7

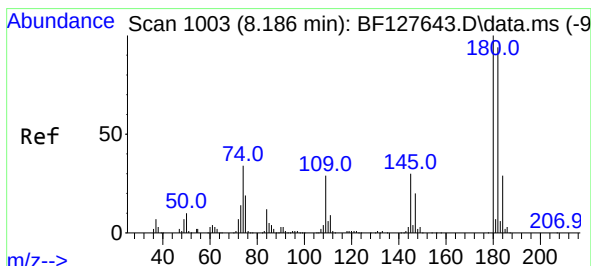
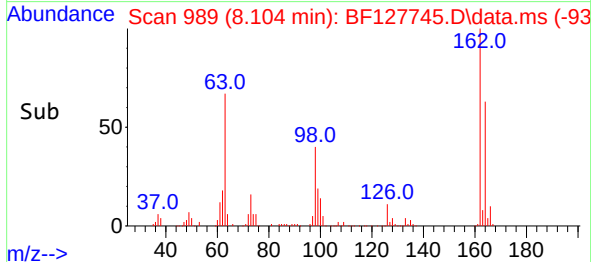
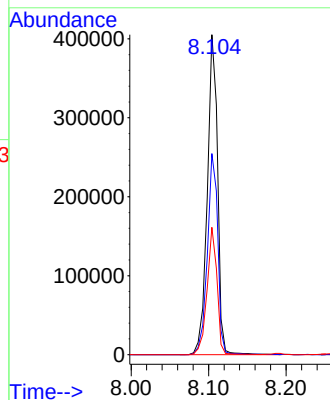
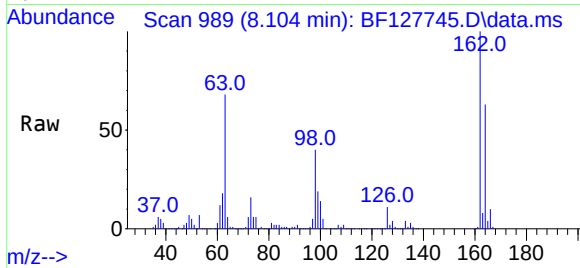
98 39.8 23.5 63.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.515 ng

RT: 8.192 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

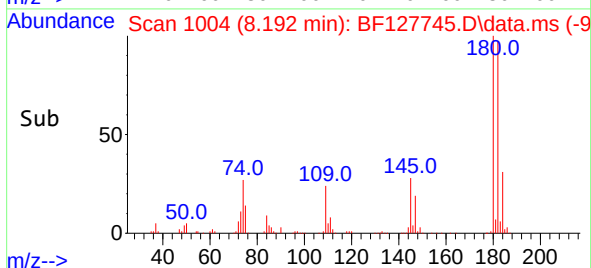
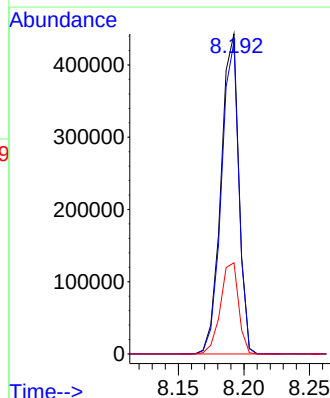
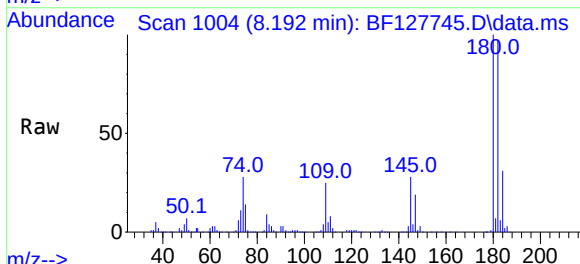
Tgt Ion:180 Resp: 418710

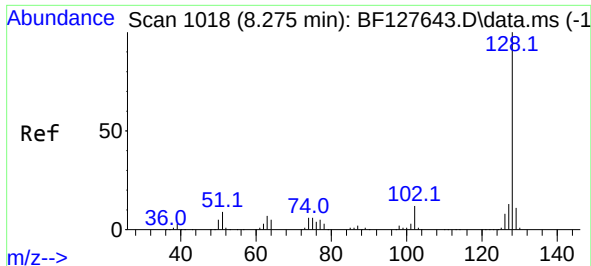
Ion Ratio Lower Upper

180 100

182 97.5 73.8 110.6

145 28.5 23.3 34.9





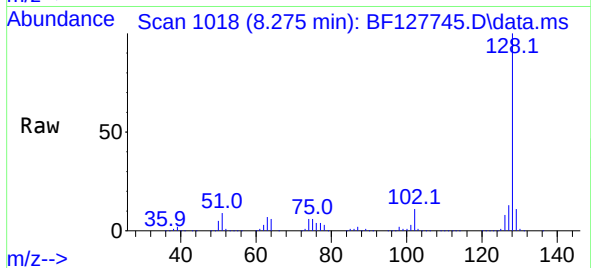
#31  
Naphthalene  
Concen: 44.832 ng  
RT: 8.275 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

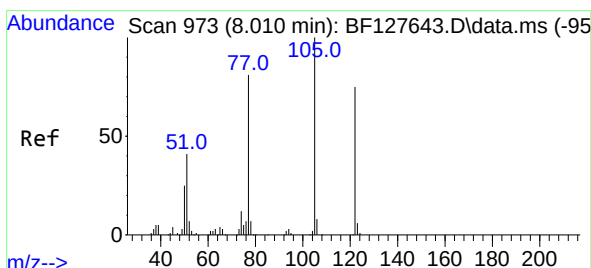
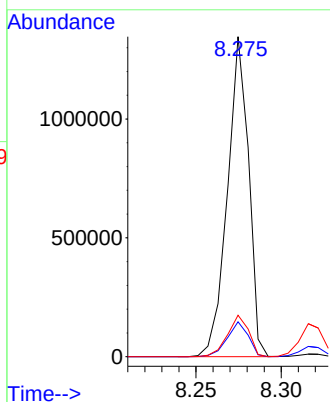
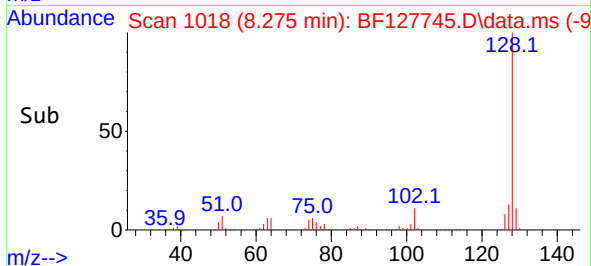


Tgt Ion:128 Resp: 116496  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.4 12.6  
127 13.0 10.2 15.2

Manual Integrations

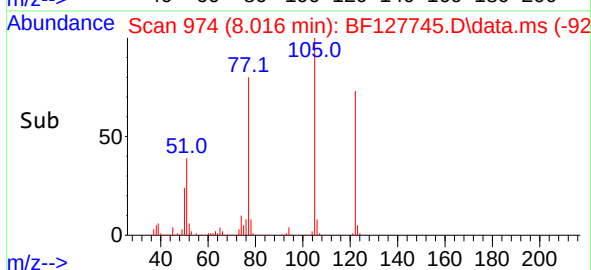
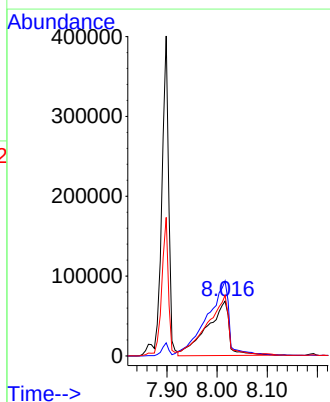
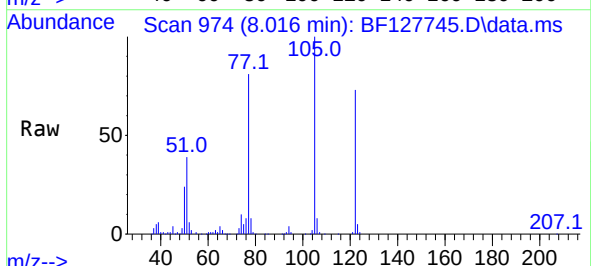
APPROVED

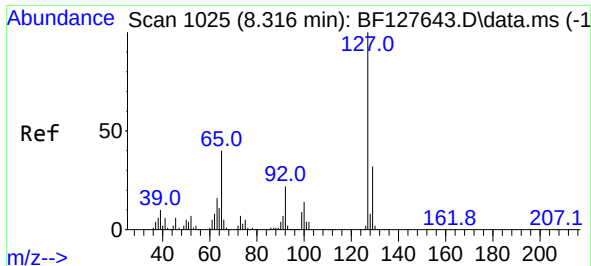
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#32  
Benzoic acid  
Concen: 38.754 ng  
RT: 8.016 min Scan# 974  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:122 Resp: 213317  
Ion Ratio Lower Upper  
122 100  
105 136.6 117.1 157.1  
77 110.4 93.0 133.0





#33  
4-Chloroaniline  
Concen: 13.752 ng  
RT: 8.316 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

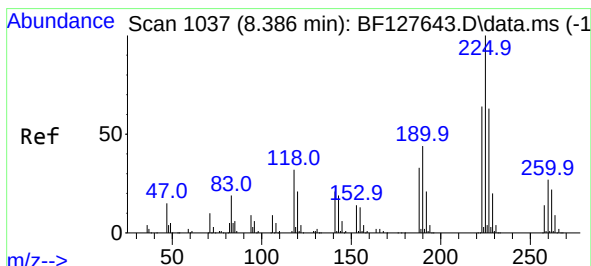
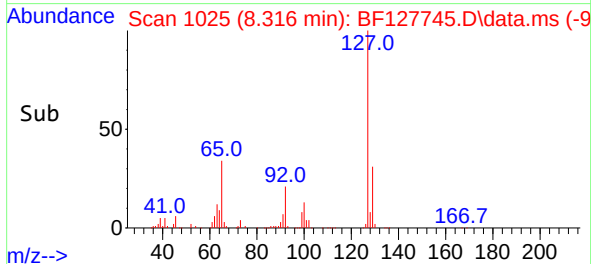
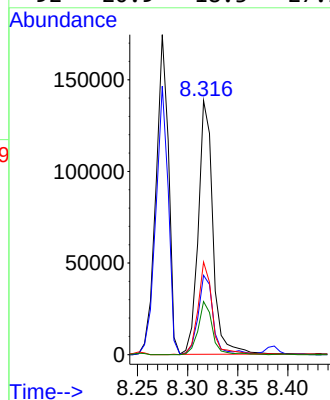
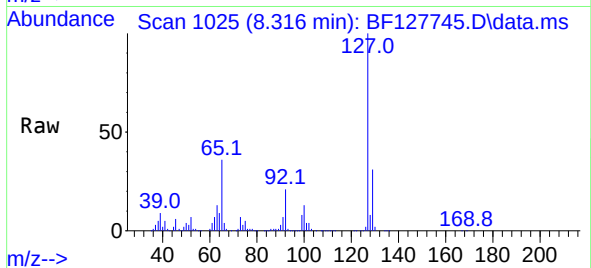
B250-CUMSD

Tgt Ion:127 Resp: 140735  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.9 38.9  
65 36.5 31.4 47.0  
92 20.9 18.3 27.5

Manual Integrations

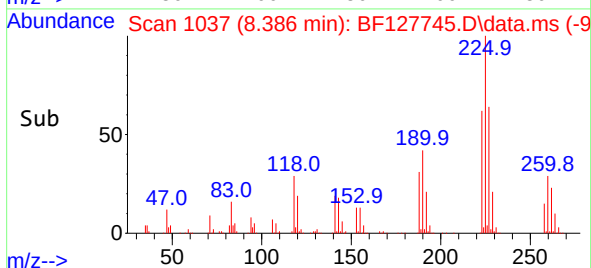
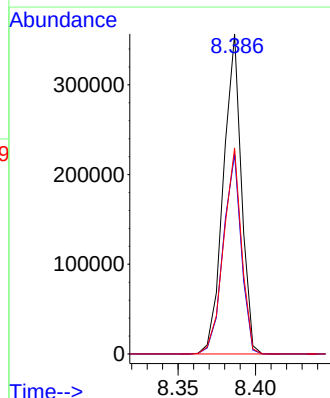
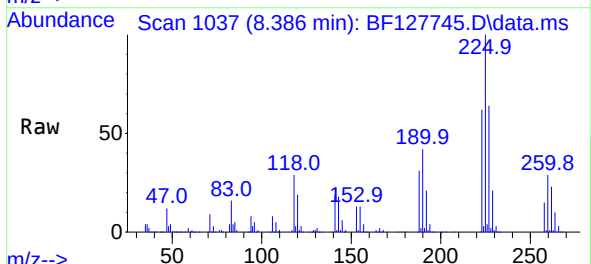
APPROVED

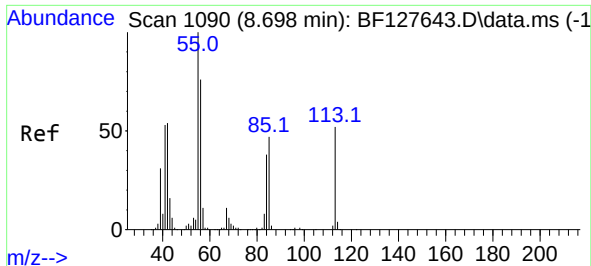
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#34  
Hexachlorobutadiene  
Concen: 44.543 ng  
RT: 8.386 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

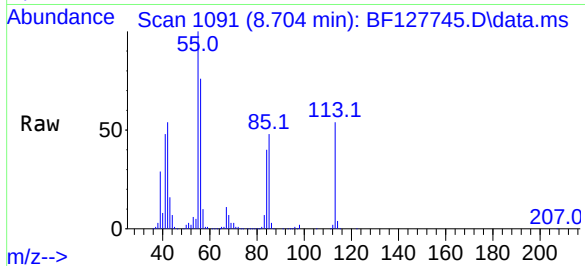
Tgt Ion:225 Resp: 288204  
Ion Ratio Lower Upper  
225 100  
223 62.4 50.6 76.0  
227 64.4 49.6 74.4





#35  
Caprolactam  
Concen: 48.446 ng m  
RT: 8.704 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

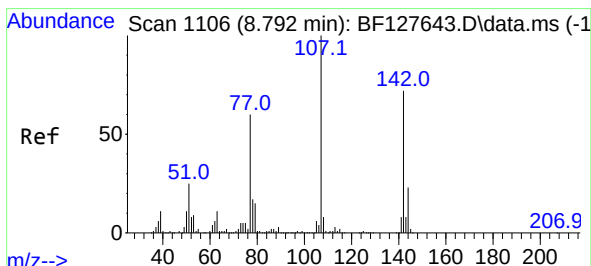
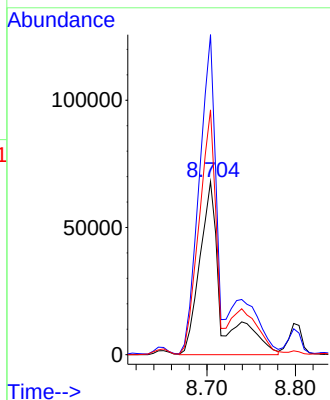
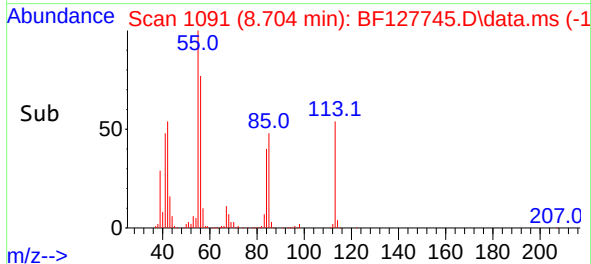
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



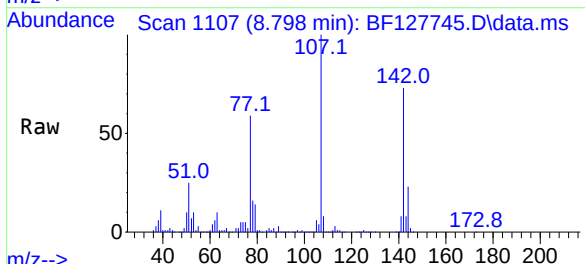
Tgt Ion:113 Resp: 117024  
Ion Ratio Lower Upper  
113 100  
55 184.8 218.7 258.7  
56 141.4 156.2 196.2

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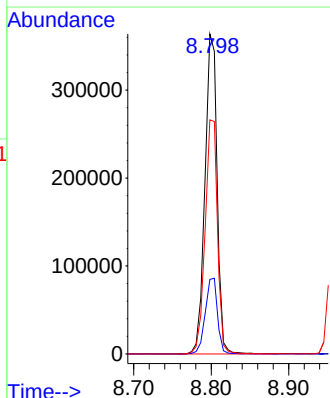
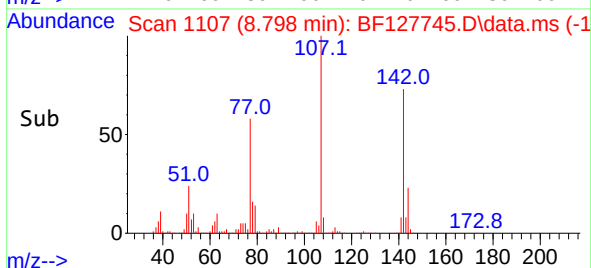
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

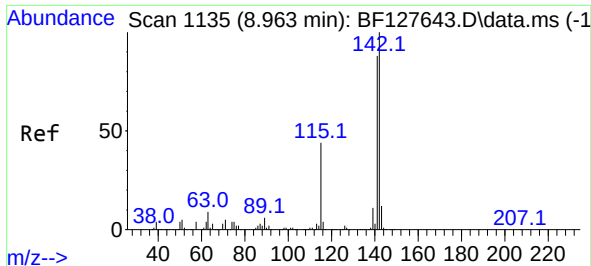


#36  
4-Chloro-3-methylphenol  
Concen: 46.267 ng  
RT: 8.798 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:107 Resp: 396442  
Ion Ratio Lower Upper  
107 100  
144 23.3 19.3 28.9  
142 73.2 59.8 89.8





#37

2-Methylnaphthalene

Concen: 44.646 ng

RT: 8.969 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

Tgt Ion:142 Resp: 775925

Ion Ratio Lower Upper

142 100

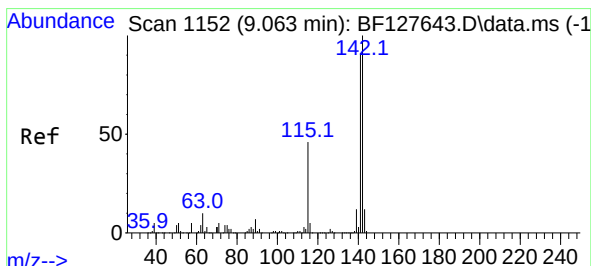
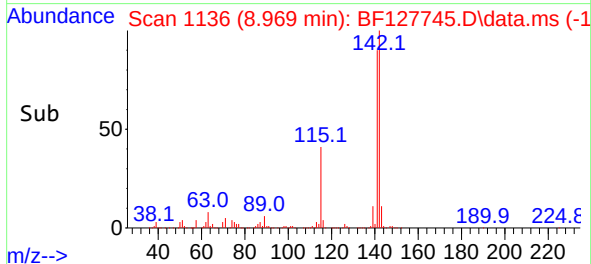
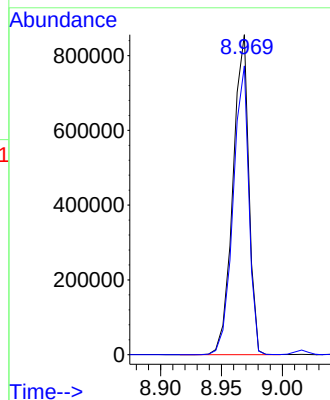
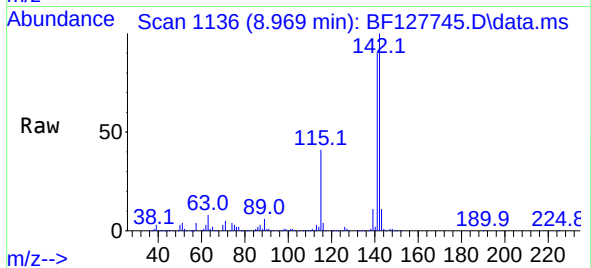
141 90.3 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/12/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#38

1-Methylnaphthalene

Concen: 44.735 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF127745.D

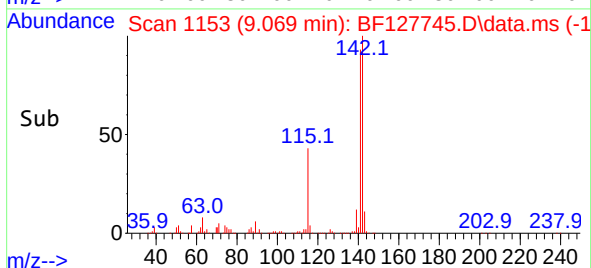
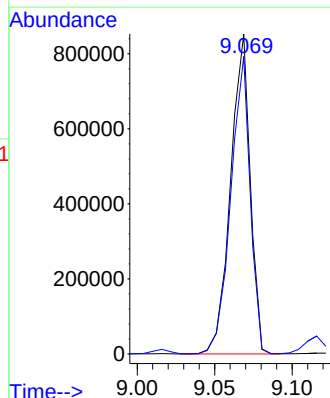
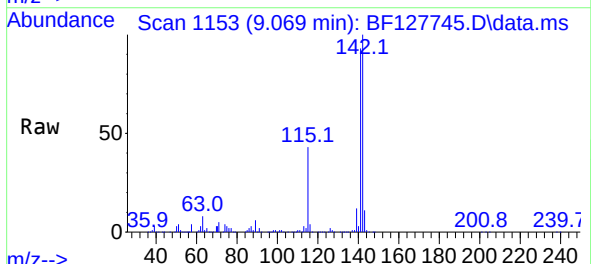
Acq: 11 Apr 2022 18:21

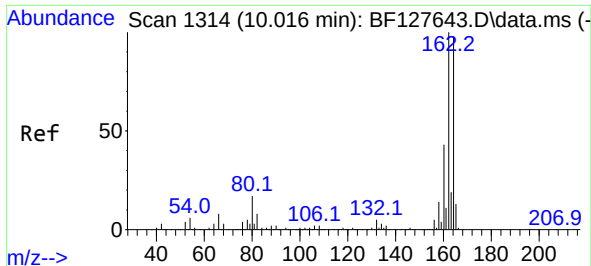
Tgt Ion:142 Resp: 750422

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.2





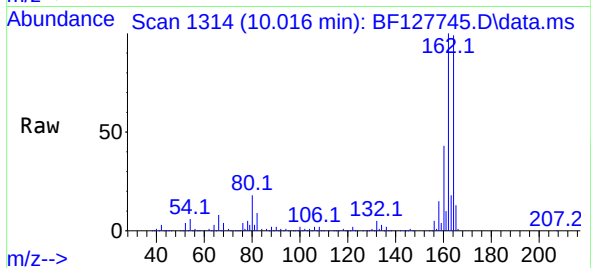
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.016 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

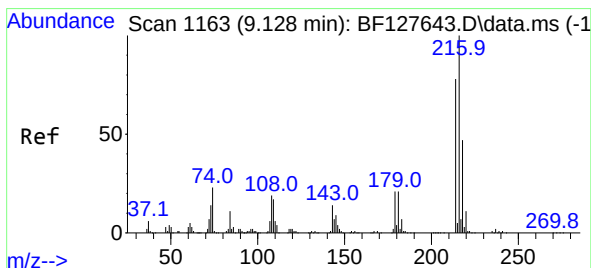
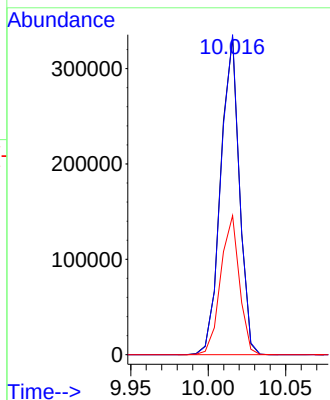
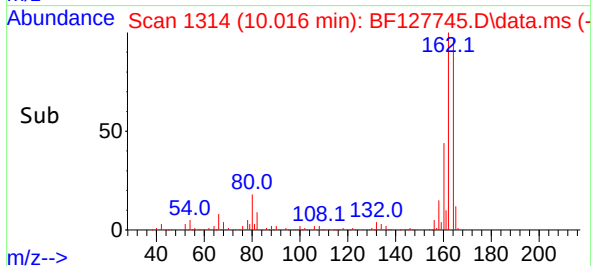


Tgt Ion:164 Resp: 280040  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.2 121.8  
160 43.8 34.6 52.0

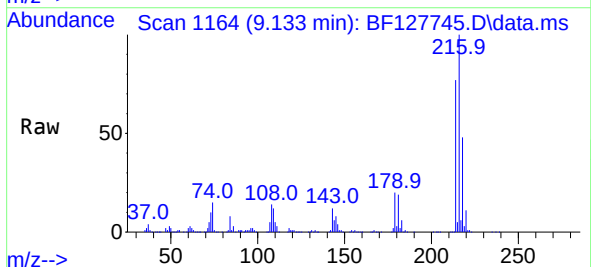
Manual Integrations

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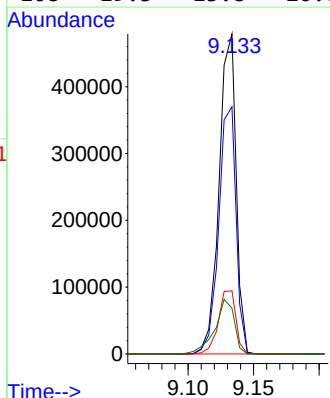
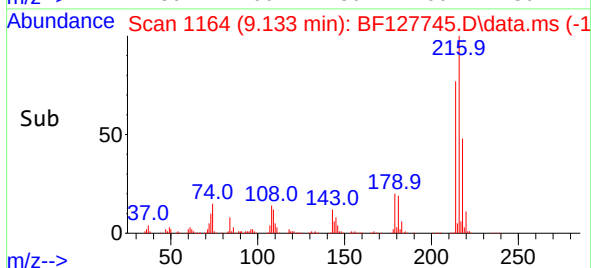
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

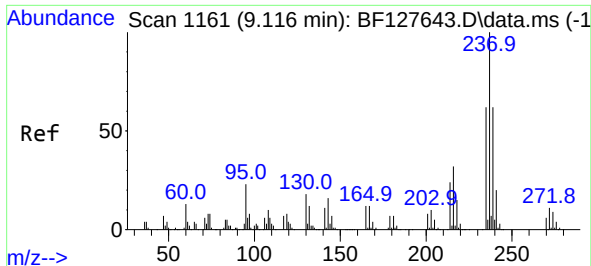


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.004 ng  
RT: 9.133 min Scan# 1164  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:216 Resp: 431746  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.0 94.4  
179 20.4 15.5 23.3  
108 19.3 13.8 20.6





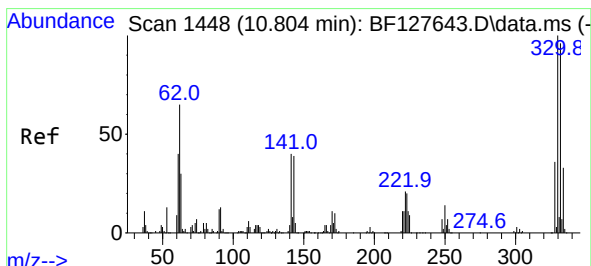
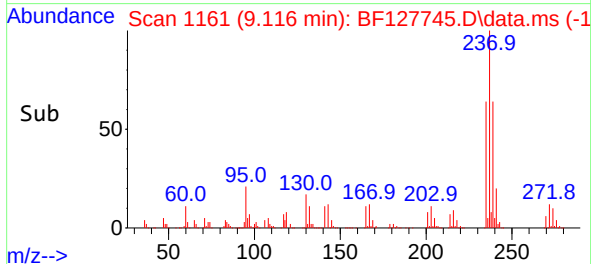
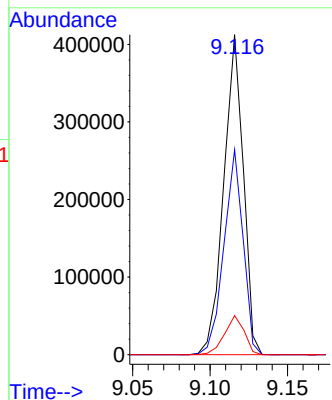
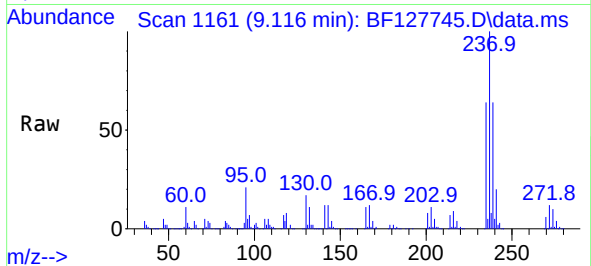
#41  
Hexachlorocyclopentadiene  
Concen: 65.504 ng  
RT: 9.116 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD

Tgt Ion:237 Resp: 362432  
Ion Ratio Lower Upper  
237 100  
235 64.1 40.4 80.4  
272 12.2 0.0 31.8

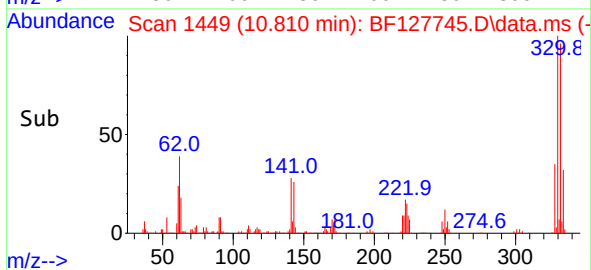
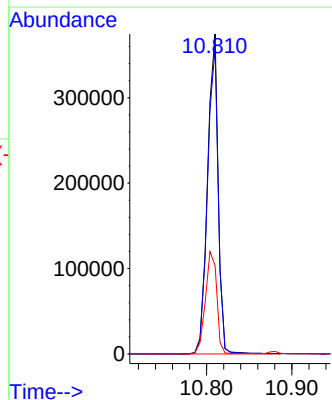
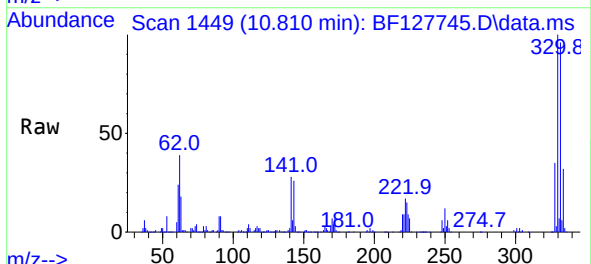
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

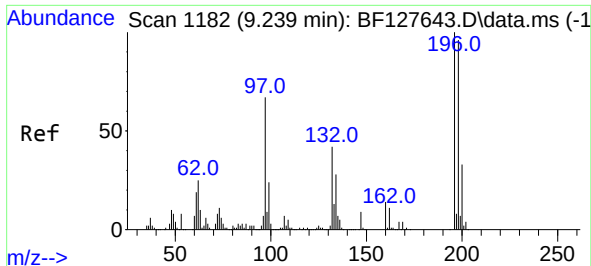


#42  
2,4,6-Tribromophenol  
Concen: 109.050 ng  
RT: 10.810 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:330 Resp: 324980  
Ion Ratio Lower Upper  
330 100  
332 96.5 79.1 118.7  
141 34.2 26.2 39.4







#43  
2,4,6-Trichlorophenol  
Concen: 44.707 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

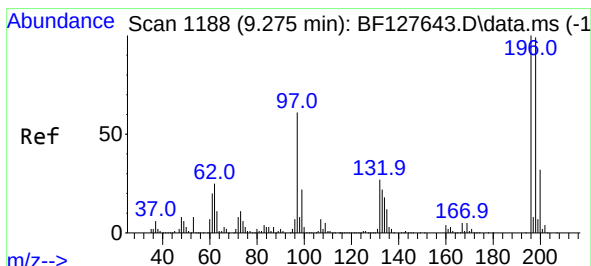
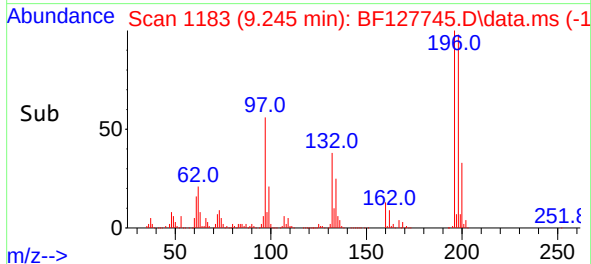
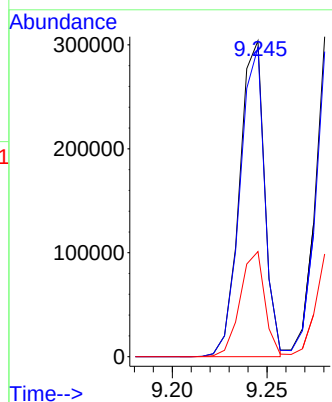
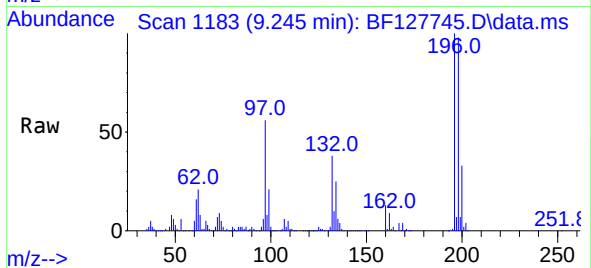
B250-CUMSD

Tgt Ion:196 Resp: 278794  
Ion Ratio Lower Upper  
196 100  
198 98.0 77.8 116.6  
200 33.3 25.9 38.9

Manual Integrations

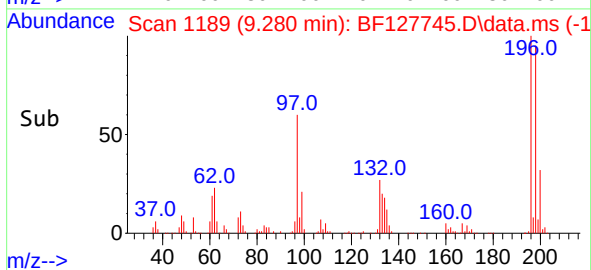
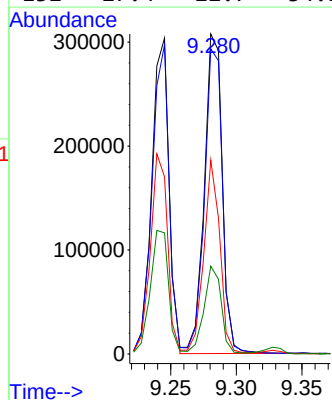
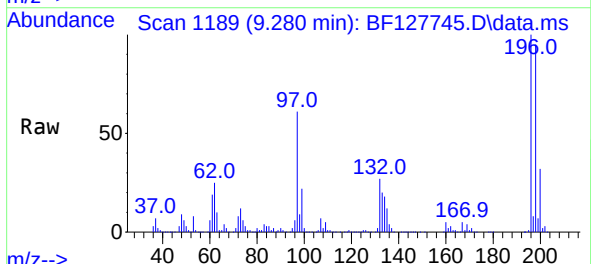
APPROVED

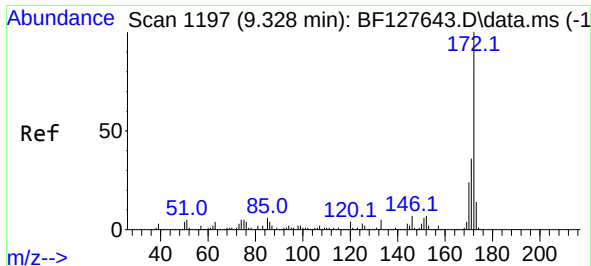
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#44  
2,4,5-Trichlorophenol  
Concen: 46.729 ng  
RT: 9.280 min Scan# 1189  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:196 Resp: 294041  
Ion Ratio Lower Upper  
196 100  
198 95.3 75.3 112.9  
97 60.6 46.8 70.2  
132 27.4 22.7 34.1





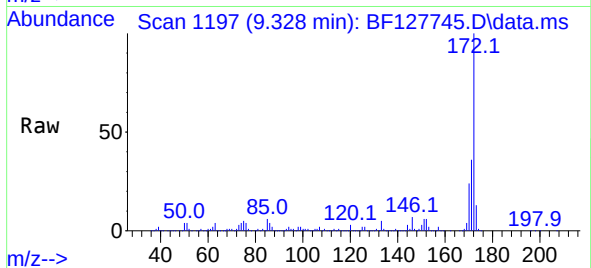
#45  
2-Fluorobiphenyl  
Concen: 66.507 ng  
RT: 9.328 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

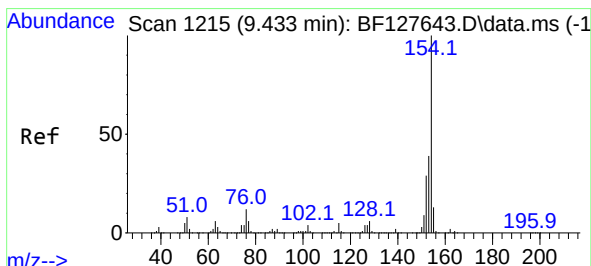
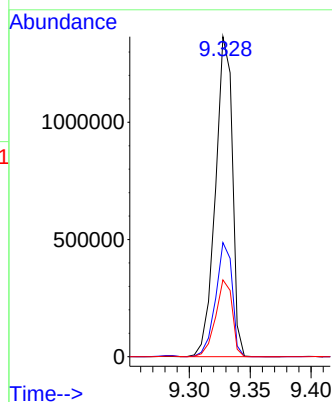
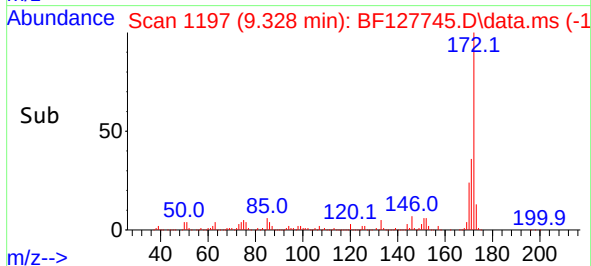


Tgt Ion:172 Resp: 131656  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 24.0 18.6 27.8

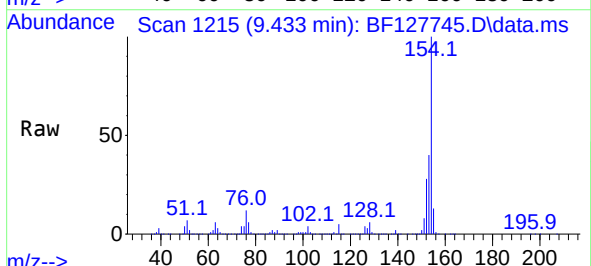
Manual Integrations

APPROVED

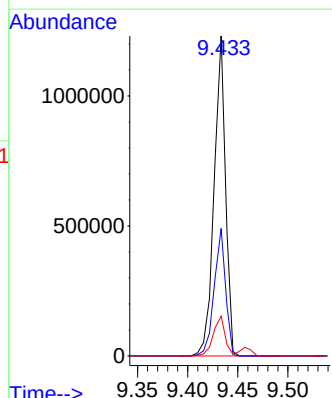
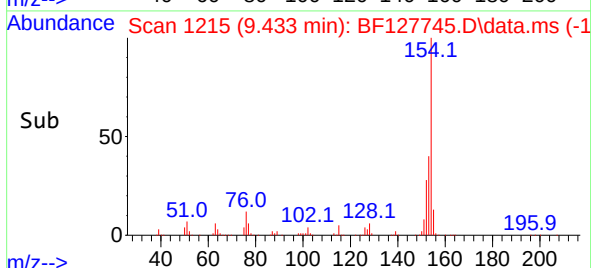
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

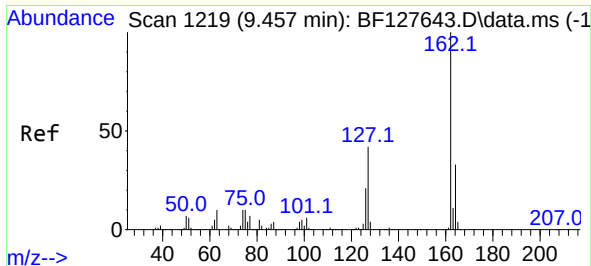


#46  
1,1'-Biphenyl  
Concen: 45.670 ng  
RT: 9.433 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:154 Resp: 978125  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.3 60.3  
76 12.4 0.0 33.9





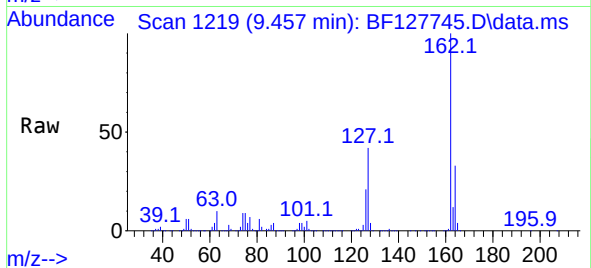
#47  
2-Chloronaphthalene  
Concen: 45.613 ng  
RT: 9.457 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

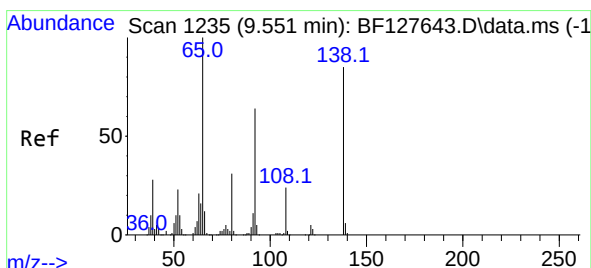
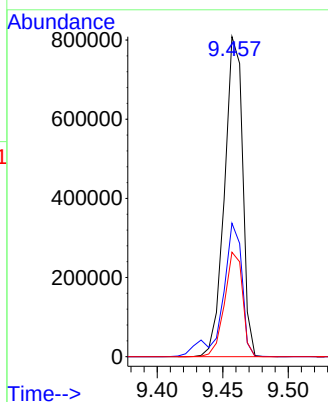
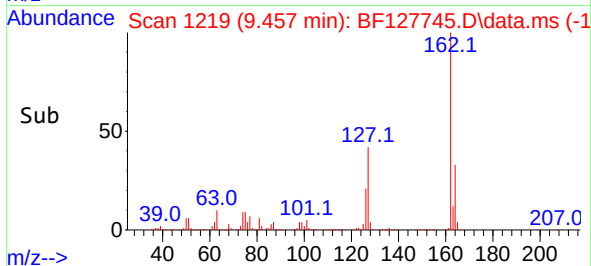


Tgt Ion:162 Resp: 77634  
Ion Ratio Lower Upper  
162 100  
127 41.7 31.8 47.6  
164 32.6 26.4 39.6

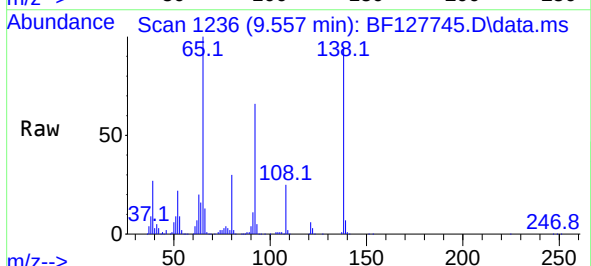
Manual Integrations

APPROVED

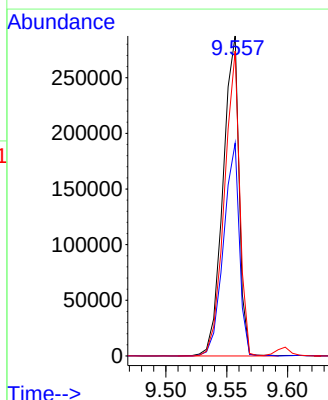
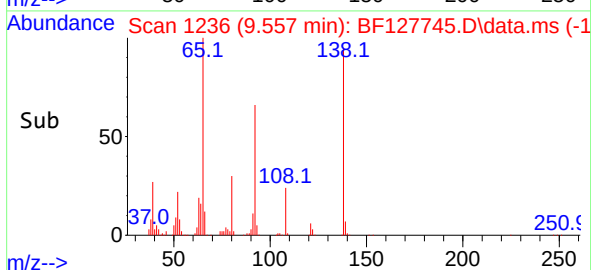
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

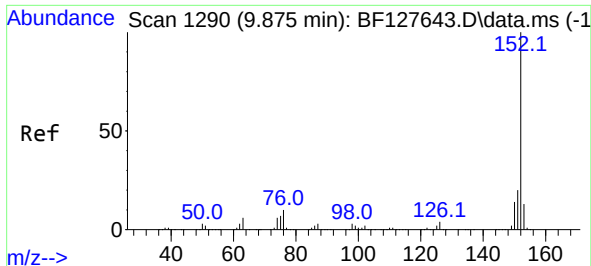


#48  
2-Nitroaniline  
Concen: 50.114 ng  
RT: 9.557 min Scan# 1236  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion: 65 Resp: 264906  
Ion Ratio Lower Upper  
65 100  
92 66.5 50.0 75.0  
138 95.3 64.1 96.1





#49

Acenaphthylene

Concen: 47.628 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

Tgt Ion:152 Resp: 1233020

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

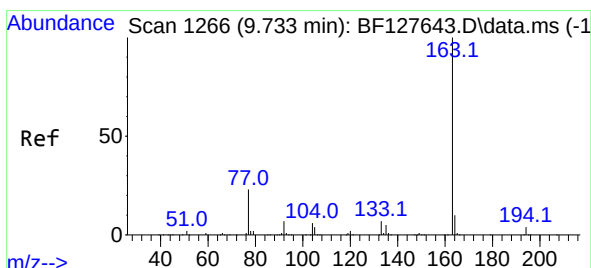
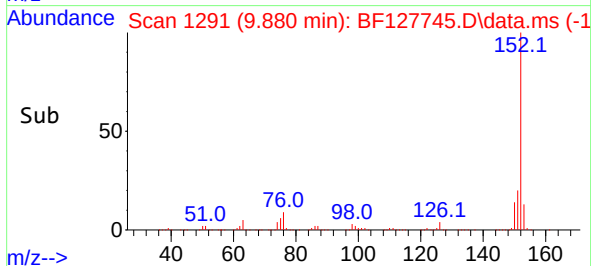
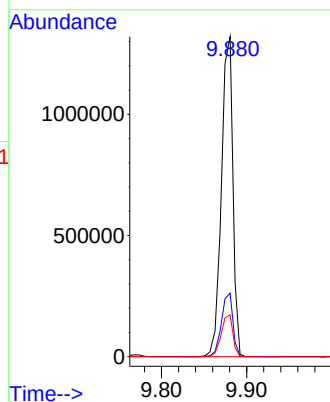
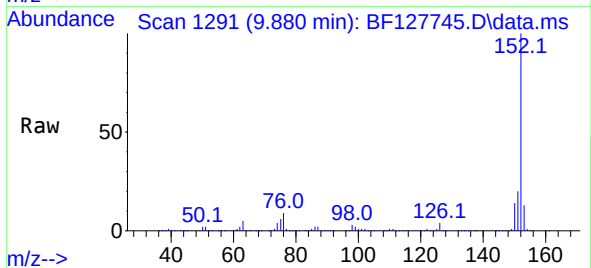
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2022

Supervised By :Jagrut Upadhyay 04/13/2022



#50

Dimethylphthalate

Concen: 47.017 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

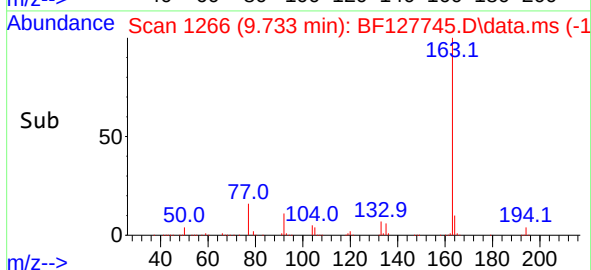
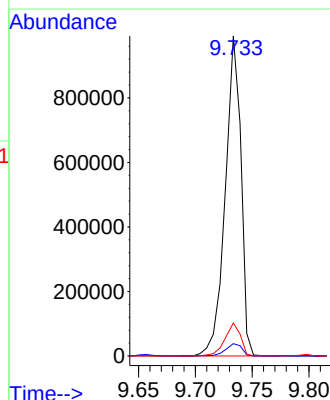
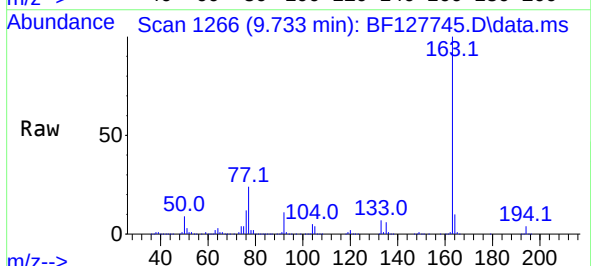
Tgt Ion:163 Resp: 954407

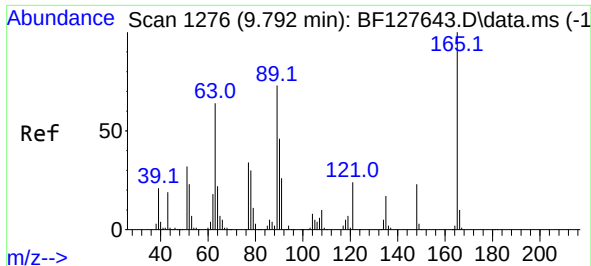
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 52.441 ng  
RT: 9.798 min Scan# 1276  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

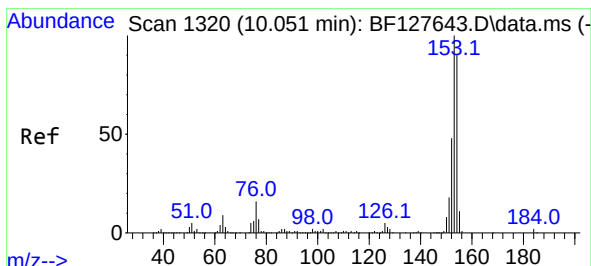
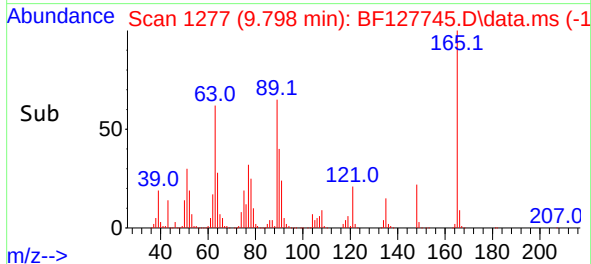
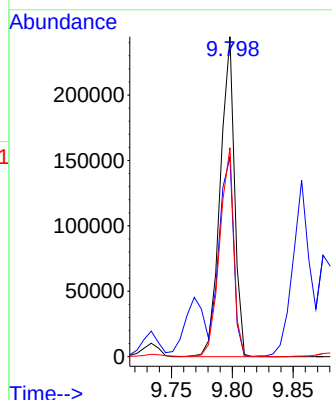
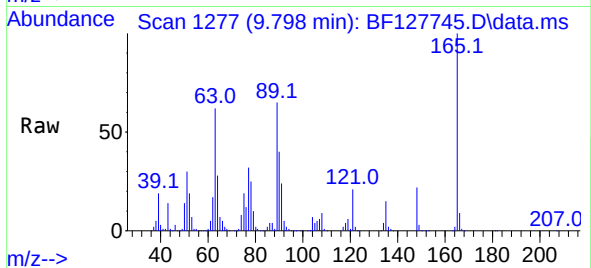
B250-CUMSD

Tgt Ion:165 Resp: 200650  
Ion Ratio Lower Upper  
165 100  
63 62.4 58.3 87.5  
89 65.3 51.5 77.3

Manual Integrations

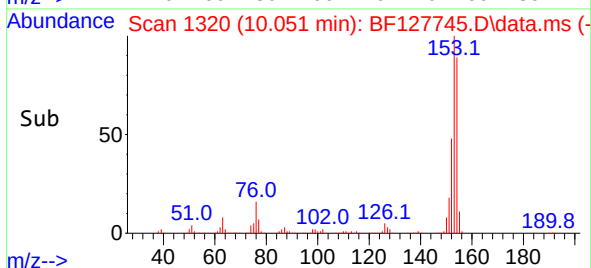
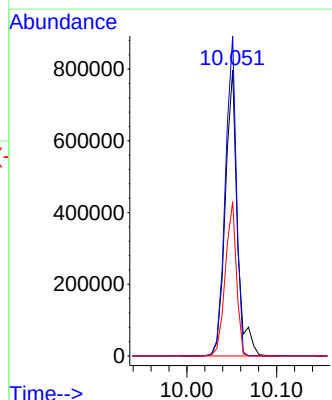
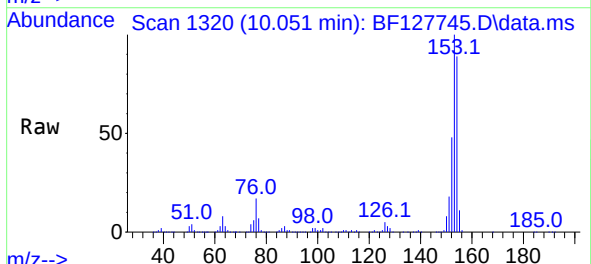
APPROVED

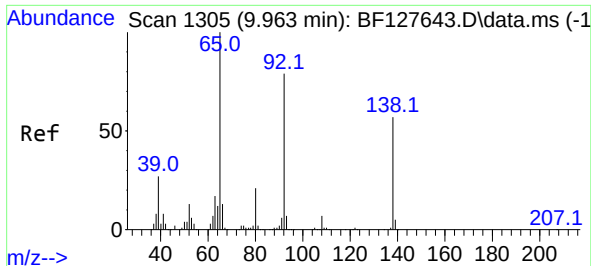
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#52  
Acenaphthene  
Concen: 45.630 ng  
RT: 10.051 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:154 Resp: 744236  
Ion Ratio Lower Upper  
154 100  
153 111.9 87.6 131.4  
152 54.0 42.9 64.3





#53  
3-Nitroaniline  
Concen: 29.440 ng  
RT: 9.969 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

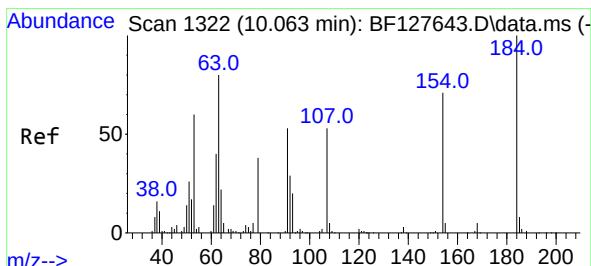
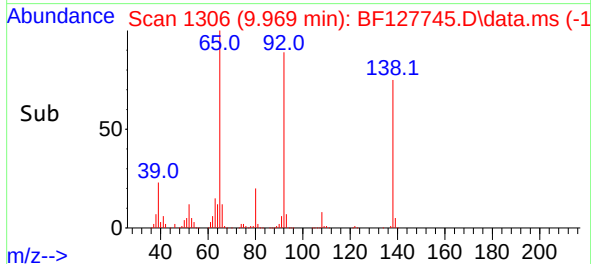
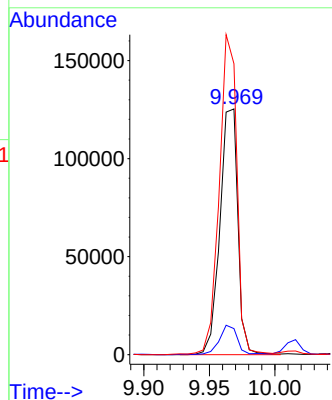
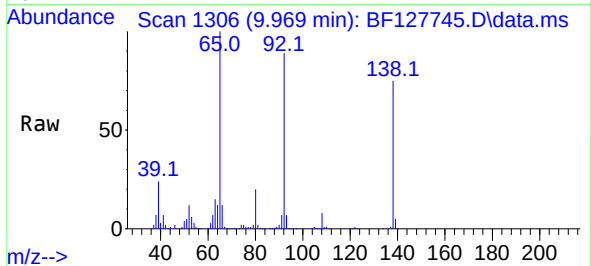
B250-CUMSD

Tgt Ion:138 Resp: 11900  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.4 14.0  
92 118.4 106.1 159.1

Manual Integrations

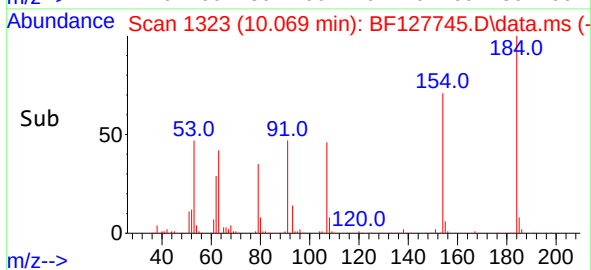
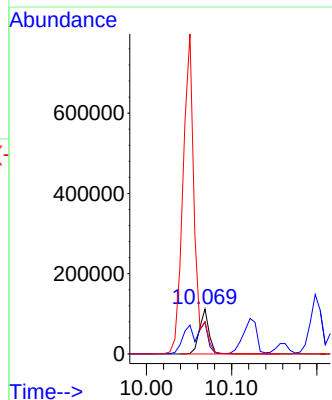
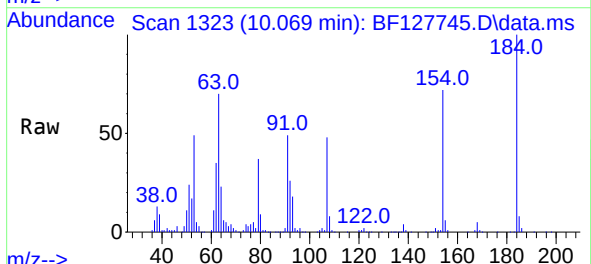
APPROVED

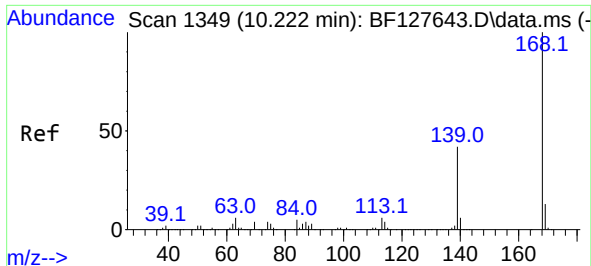
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#54  
2,4-Dinitrophenol  
Concen: 48.315 ng  
RT: 10.069 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:184 Resp: 87357  
Ion Ratio Lower Upper  
184 100  
63 70.2 58.1 87.1  
154 71.6 53.2 79.8





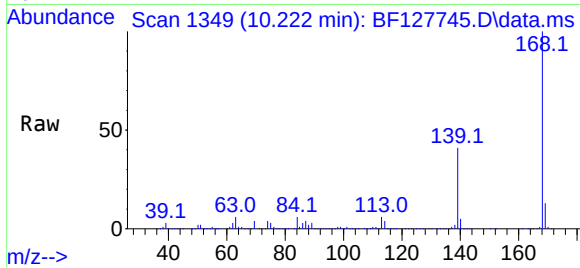
#55  
Dibenzenofuran  
Concen: 44.771 ng  
RT: 10.222 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

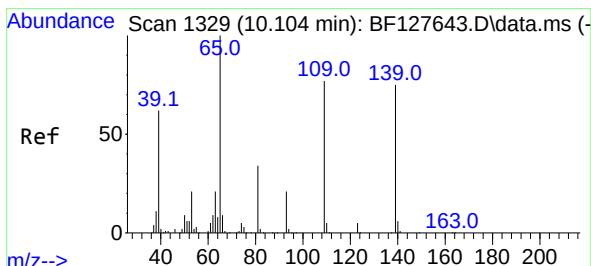
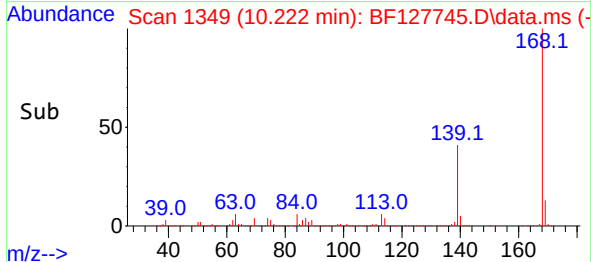
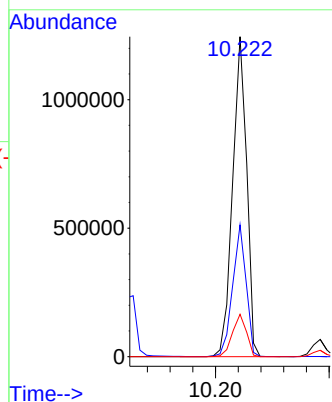


Tgt Ion:168 Resp: 1065589  
Ion Ratio Lower Upper  
168 100  
139 41.2 30.3 45.5  
169 13.2 10.8 16.2

Manual Integrations

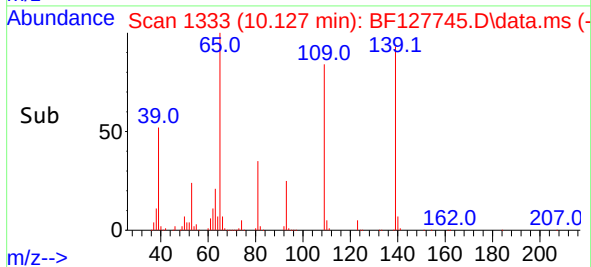
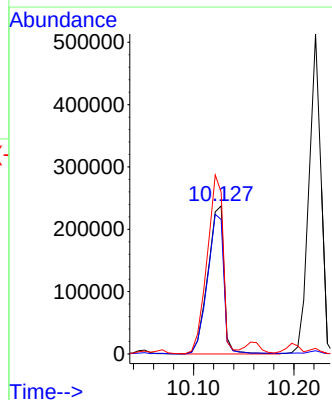
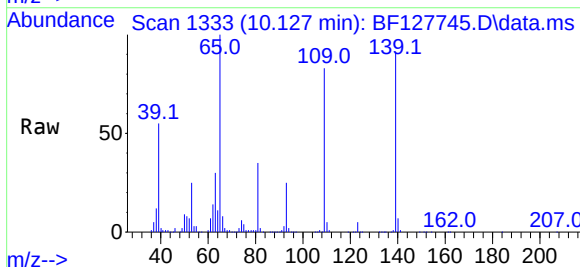
APPROVED

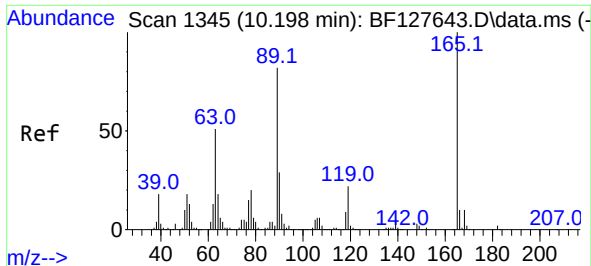
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#56  
4-Nitrophenol  
Concen: 84.511 ng  
RT: 10.127 min Scan# 1333  
Delta R.T. 0.023 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:139 Resp: 268325  
Ion Ratio Lower Upper  
139 100  
109 90.8 64.3 104.3  
65 109.3 117.5 157.5#





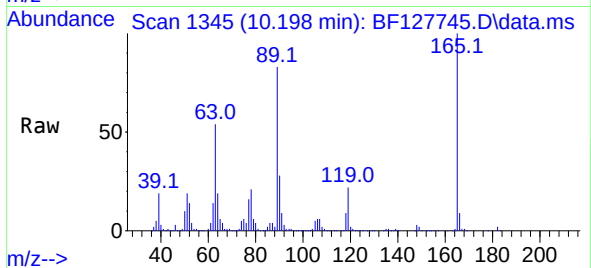
#57  
2,4-Dinitrotoluene  
Concen: 55.887 ng  
RT: 10.198 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

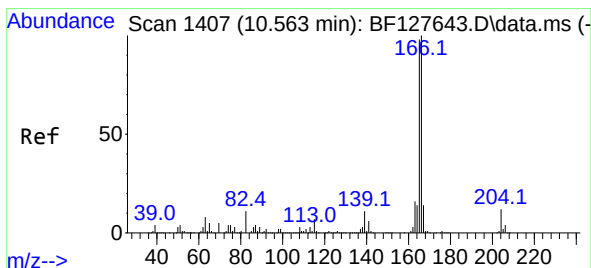
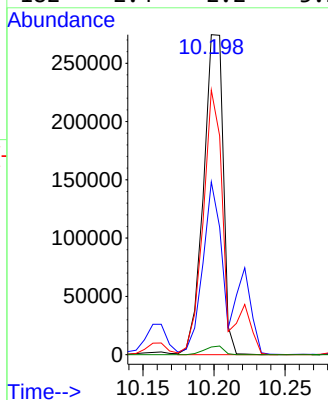
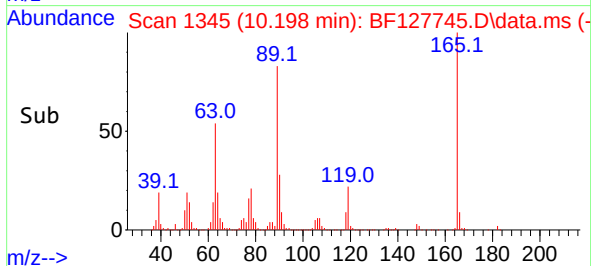


Tgt Ion:165 Resp: 26512  
Ion Ratio Lower Upper  
165 100  
63 54.0 53.1 79.7  
89 82.7 69.2 103.8  
182 2.4 2.2 3.2

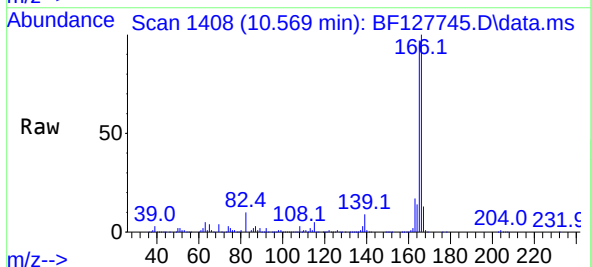
Manual Integrations

APPROVED

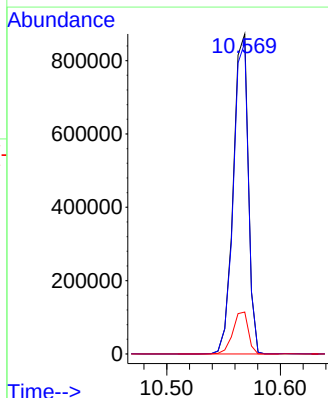
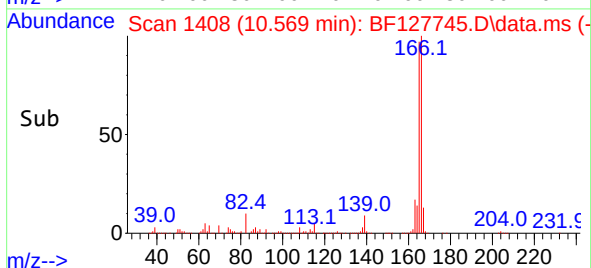
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



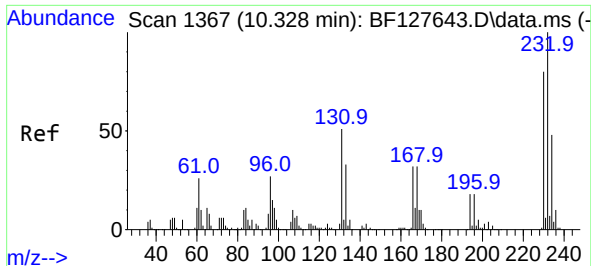
#58  
Fluorene  
Concen: 45.293 ng  
RT: 10.569 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:166 Resp: 796511  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.1 117.1  
167 13.1 10.5 15.7







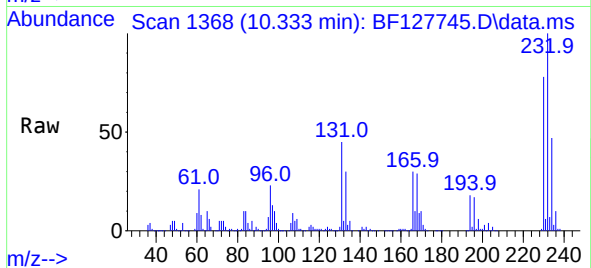
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.623 ng  
RT: 10.333 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

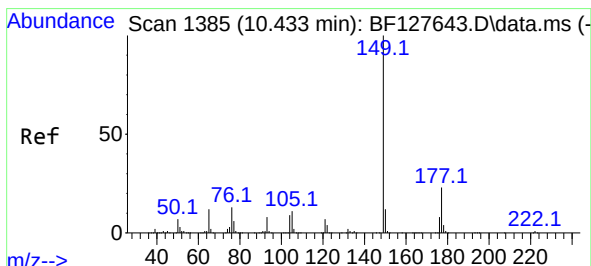
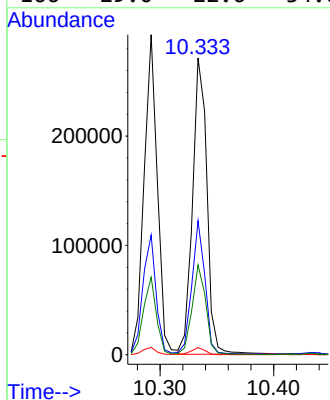
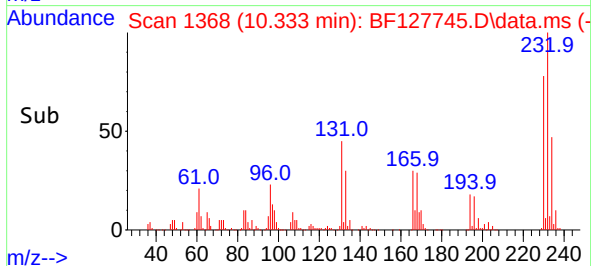


Tgt Ion:232 Resp: 239190  
Ion Ratio Lower Upper  
232 100  
131 41.8 33.4 50.0  
130 2.4 1.8 2.6  
166 29.0 22.6 34.0

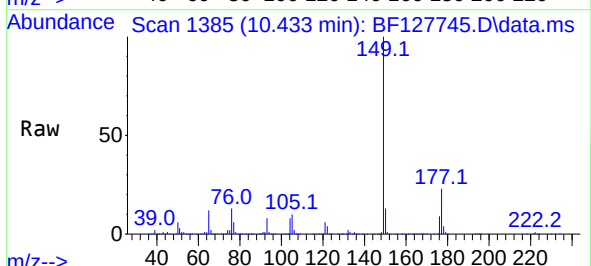
Manual Integrations

APPROVED

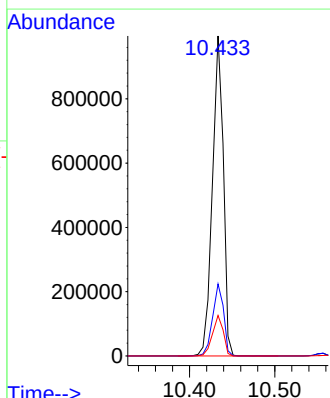
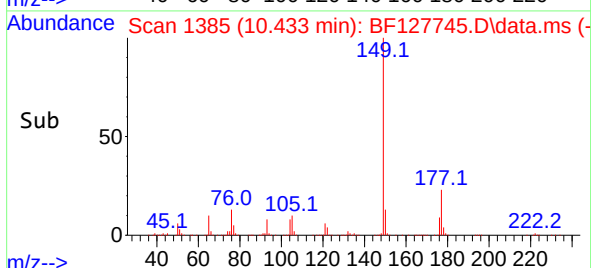
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

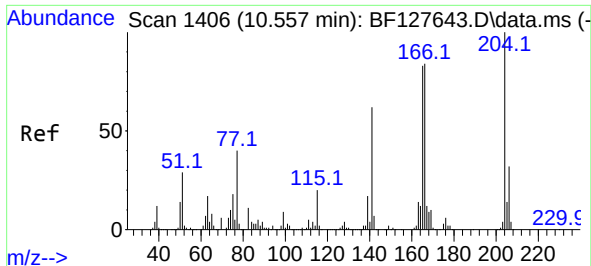


#60  
Diethylphthalate  
Concen: 45.810 ng  
RT: 10.433 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:149 Resp: 889859  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.9 28.3  
150 12.6 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 45.548 ng  
RT: 10.557 min Scan# 1406  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

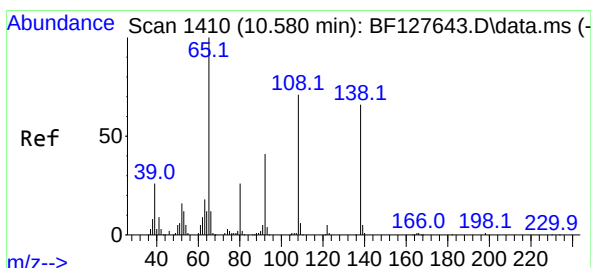
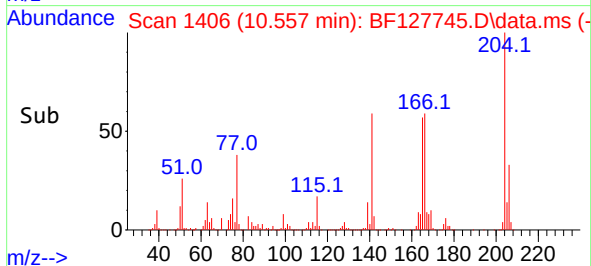
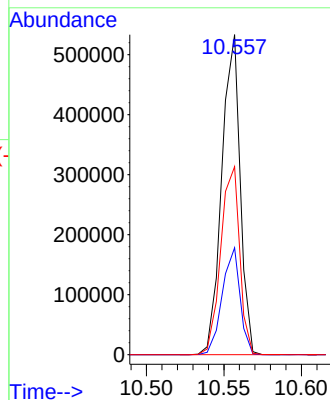
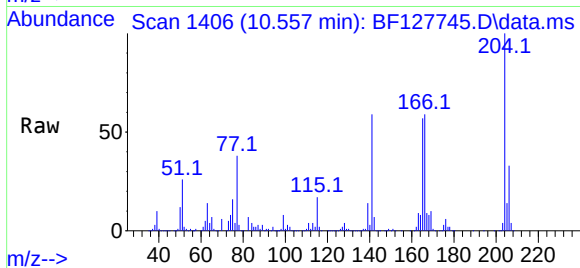
B250-CUMSD

Tgt Ion:204 Resp: 440111  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.9 38.9  
141 58.7 47.8 71.8

Manual Integrations

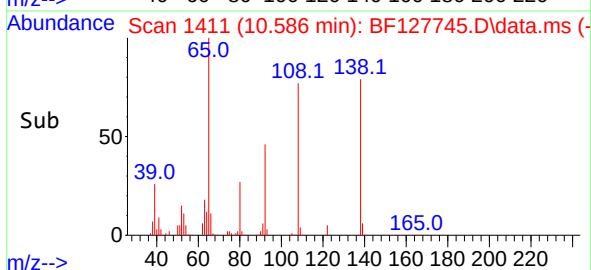
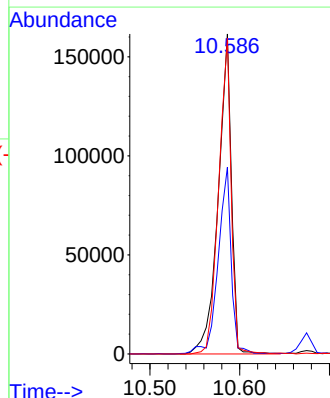
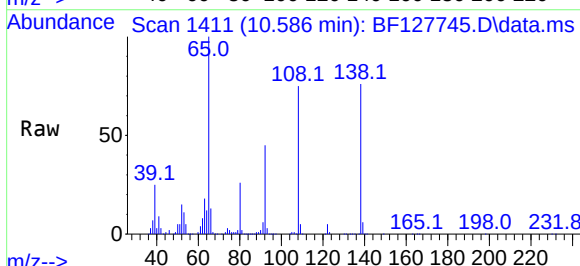
APPROVED

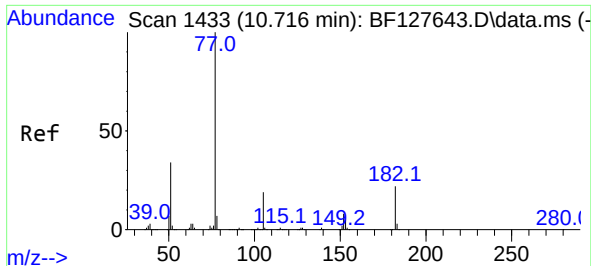
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#62  
4-Nitroaniline  
Concen: 43.482 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

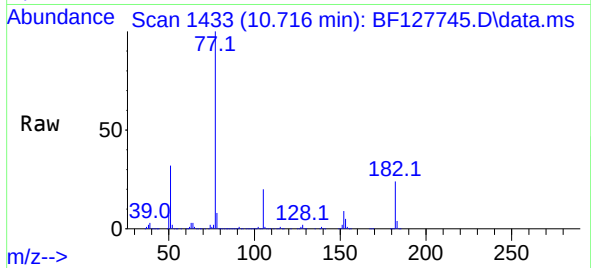
Tgt Ion:138 Resp: 165538  
Ion Ratio Lower Upper  
138 100  
92 58.3 40.5 80.5  
108 98.8 69.2 109.2





#63  
Azobenzene  
Concen: 41.528 ng  
RT: 10.716 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

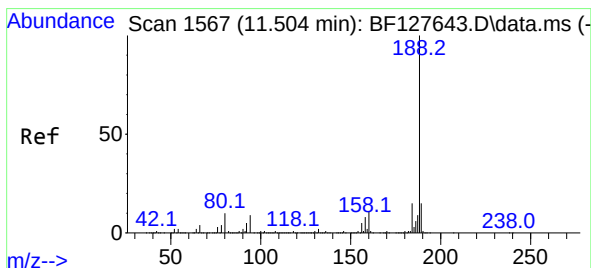
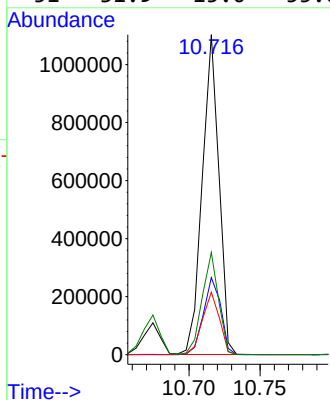
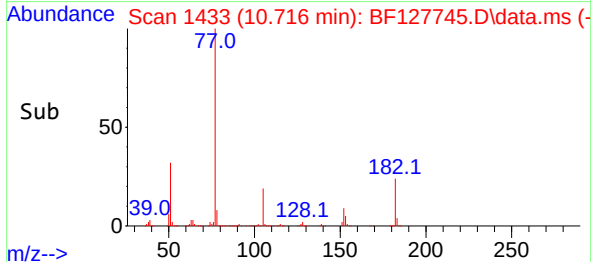
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



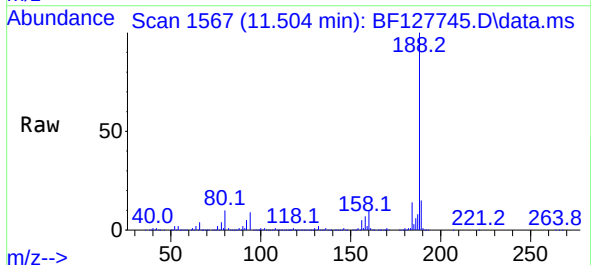
Tgt Ion: 77 Resp: 90139  
Ion Ratio Lower Upper  
77 100  
182 24.1 4.5 44.5  
105 19.5 0.3 40.3  
51 31.9 15.0 55.0

Manual Integrations  
APPROVED

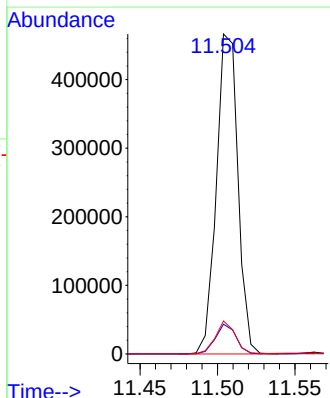
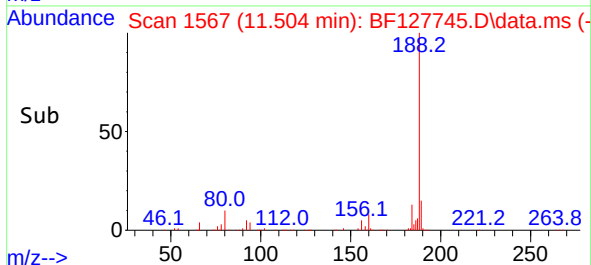
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

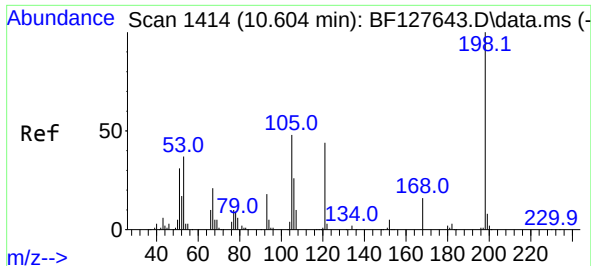


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.504 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:188 Resp: 451041  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.4 11.0  
80 10.3 8.0 12.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.339 ng  
RT: 10.604 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

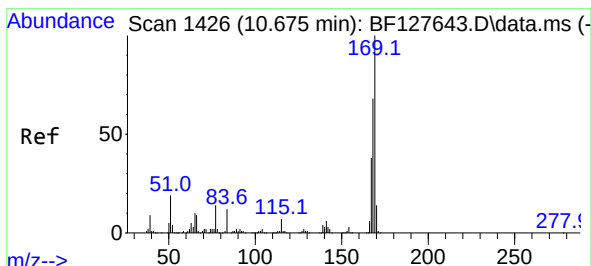
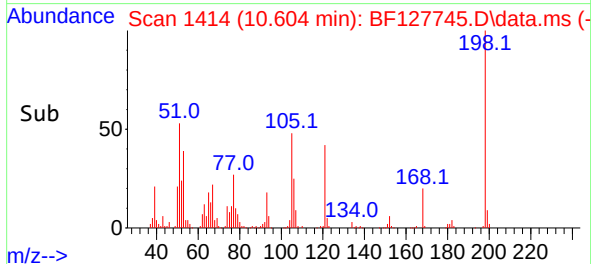
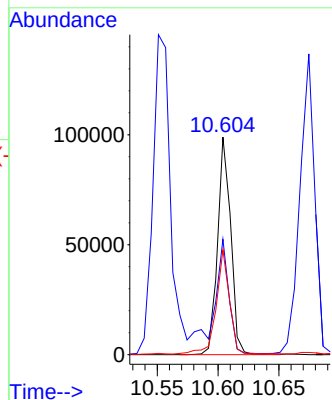
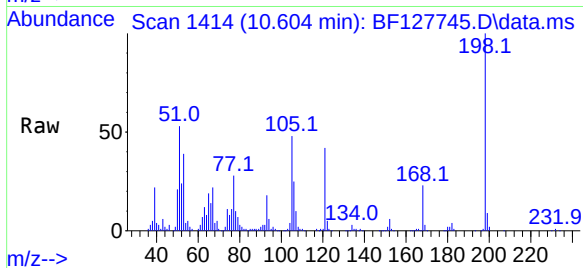
B250-CUMSD

Tgt Ion:198 Resp: 74808  
Ion Ratio Lower Upper  
198 100  
51 53.0 42.7 82.7  
105 48.2 25.4 65.4

Manual Integrations

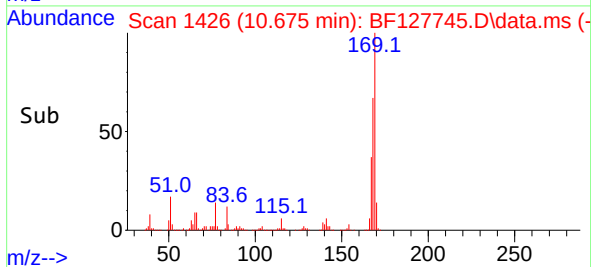
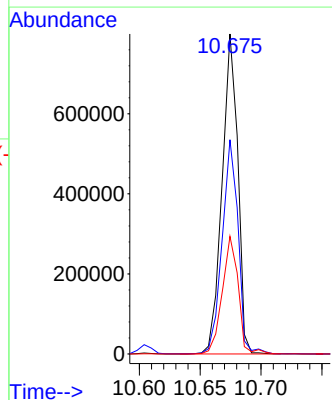
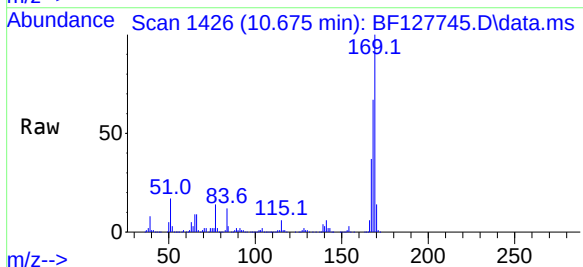
APPROVED

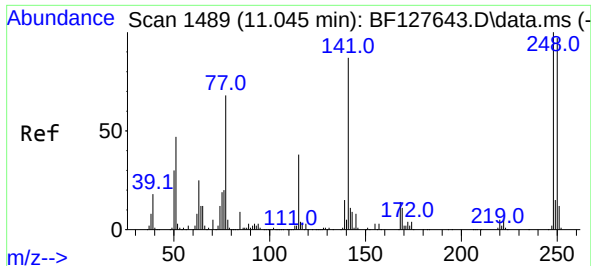
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#66  
n-Nitrosodiphenylamine  
Concen: 50.541 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:169 Resp: 717950  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.7 79.1  
167 36.8 28.9 43.3





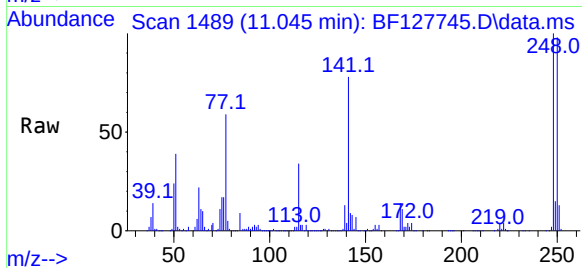
#67  
4-Bromophenyl-phenylether  
Concen: 52.293 ng  
RT: 11.045 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

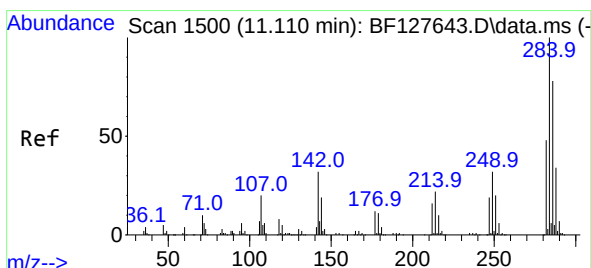
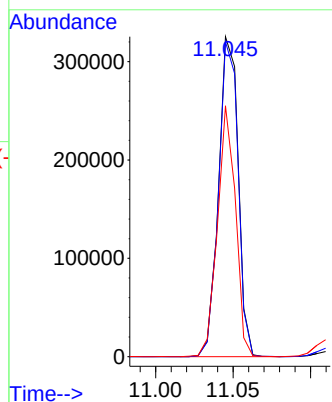
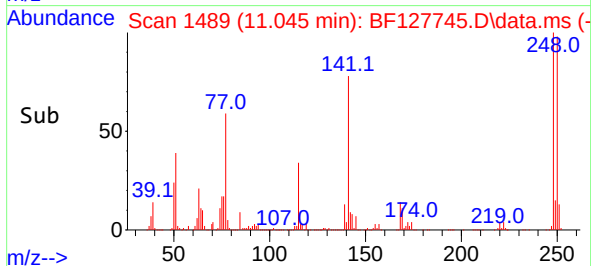


Tgt Ion:248 Resp: 286252  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.6 115.0  
141 78.4 52.2 78.2

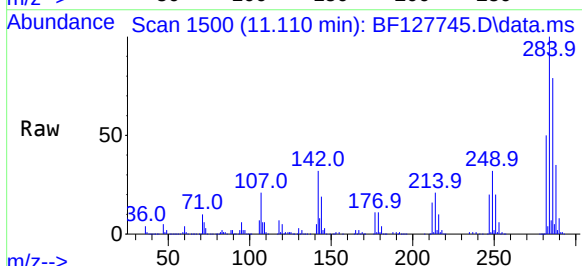
Manual Integrations

APPROVED

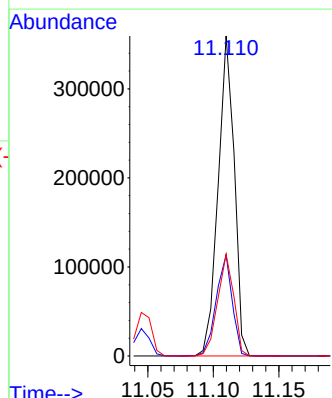
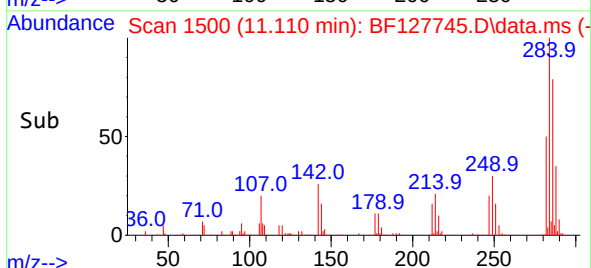
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

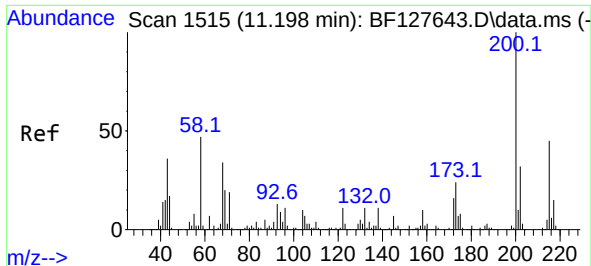


#68  
Hexachlorobenzene  
Concen: 51.258 ng  
RT: 11.110 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



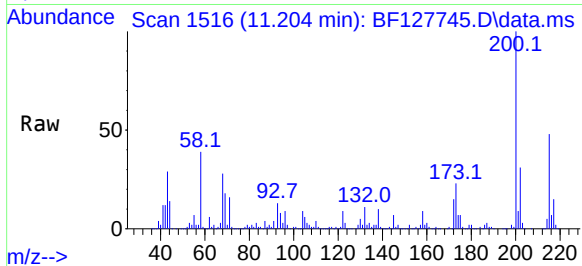
Tgt Ion:284 Resp: 306724  
Ion Ratio Lower Upper  
284 100  
142 31.6 23.8 35.8  
249 31.8 23.9 35.9





#69  
Atrazine  
Concen: 56.982 ng  
RT: 11.204 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

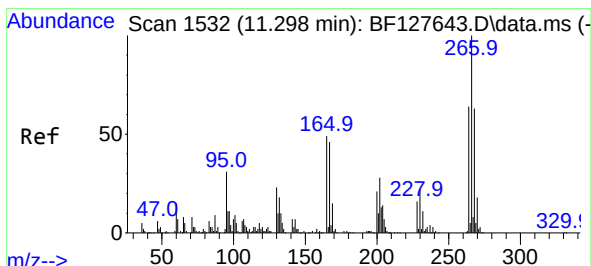
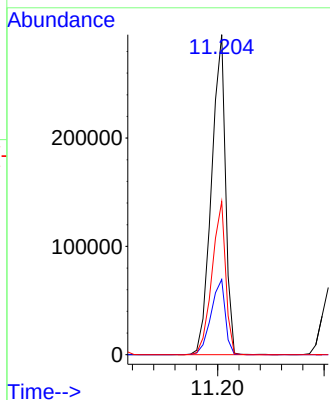
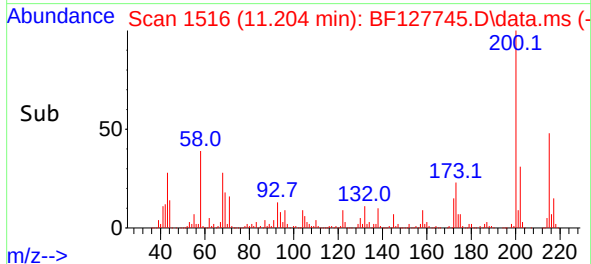
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



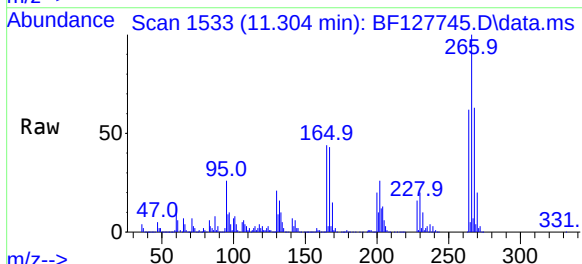
Tgt Ion:200 Resp: 268939  
Ion Ratio Lower Upper  
200 100  
173 23.5 2.9 42.9  
215 47.8 28.0 68.0

Manual Integrations  
APPROVED

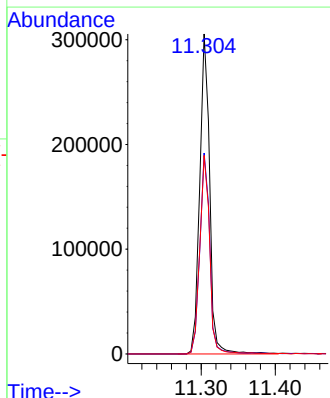
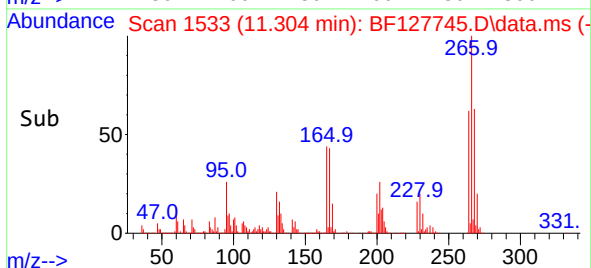
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

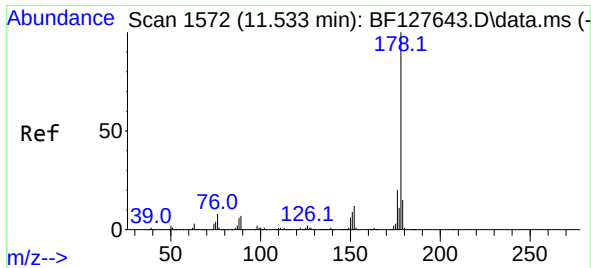


#70  
Pentachlorophenol  
Concen: 79.278 ng  
RT: 11.304 min Scan# 1533  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:266 Resp: 283333  
Ion Ratio Lower Upper  
266 100  
268 62.8 50.4 75.6  
264 62.0 48.5 72.7





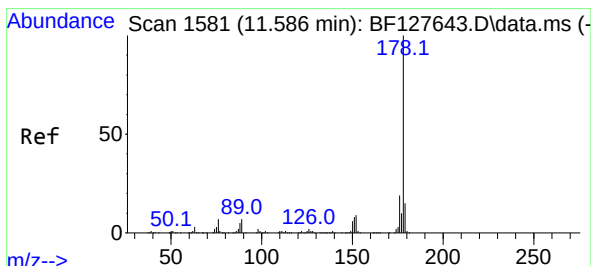
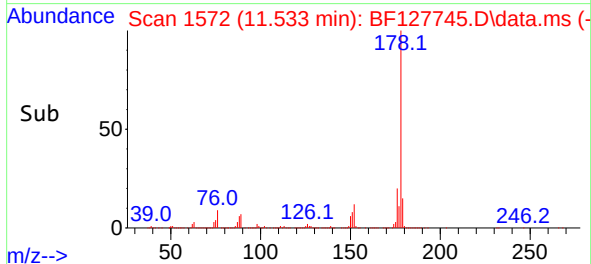
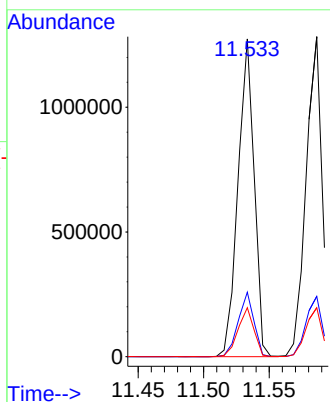
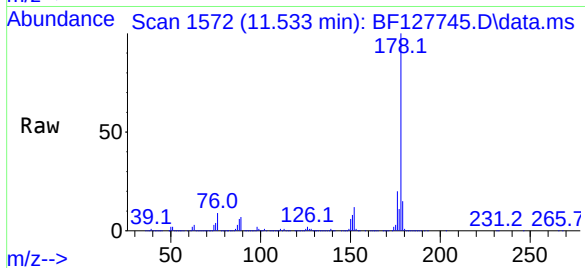
#71  
Phenanthrene  
Concen: 45.825 ng  
RT: 11.533 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD

Tgt Ion:178 Resp: 1095114  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.4 23.2  
179 15.4 12.4 18.6

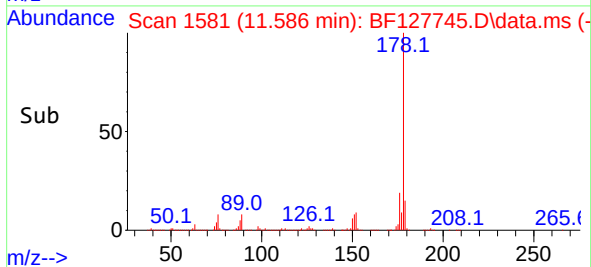
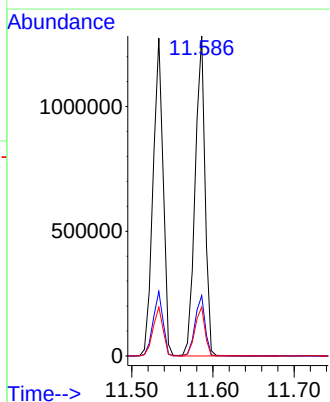
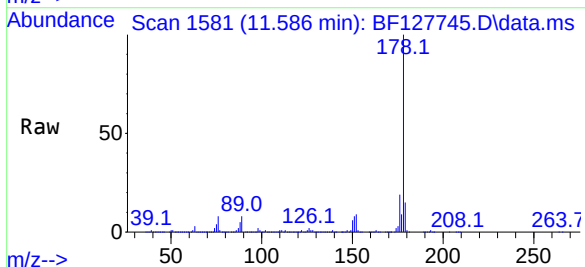
Manual Integrations  
APPROVED

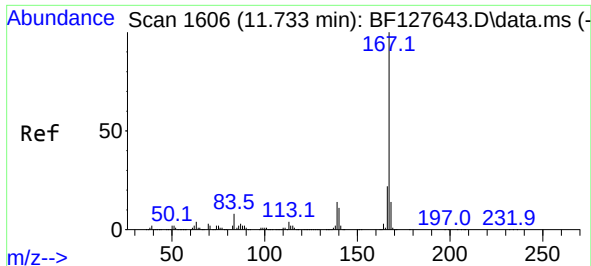
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#72  
Anthracene  
Concen: 46.285 ng  
RT: 11.586 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

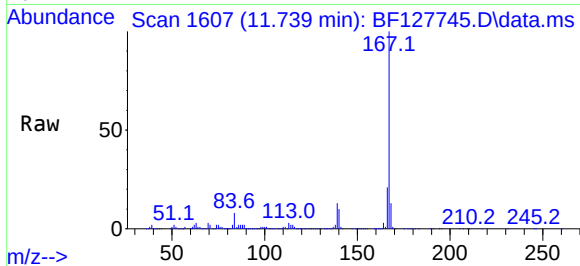
Tgt Ion:178 Resp: 1094125  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.6 22.0  
179 15.3 12.4 18.6





#73  
 Carbazole  
 Concen: 41.718 ng  
 RT: 11.739 min Scan# 1607  
 Delta R.T. 0.006 min  
 Lab File: BF127745.D  
 Acq: 11 Apr 2022 18:21

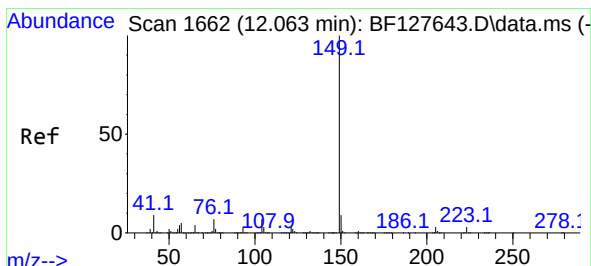
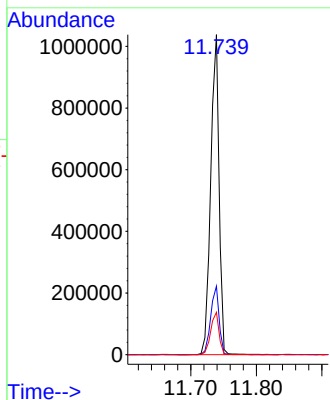
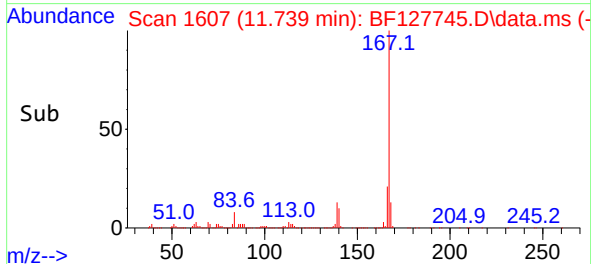
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B250-CUMSD



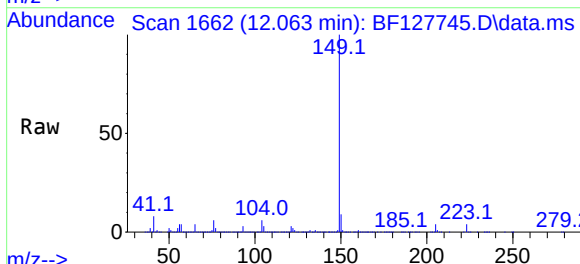
Tgt Ion:167 Resp: 924071  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.4  
 139 13.3 10.5 15.7

Manual Integrations  
 APPROVED

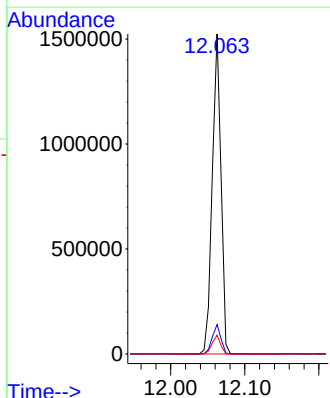
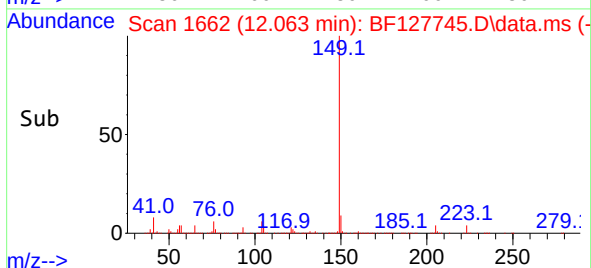
Reviewed By :Christian Giraldo 04/12/2022  
 Supervised By :Jagrut Upadhyay 04/13/2022



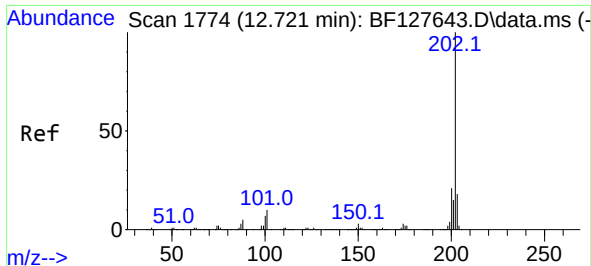
#74  
 Di-n-butylphthalate  
 Concen: 46.859 ng  
 RT: 12.063 min Scan# 1662  
 Delta R.T. -0.000 min  
 Lab File: BF127745.D  
 Acq: 11 Apr 2022 18:21



Tgt Ion:149 Resp: 1240771  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 5.8 4.2 6.2

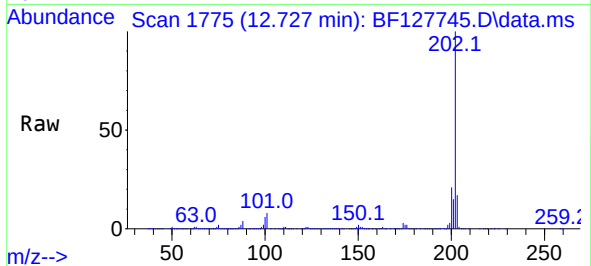






#75  
Fluoranthene  
Concen: 40.776 ng  
RT: 12.727 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

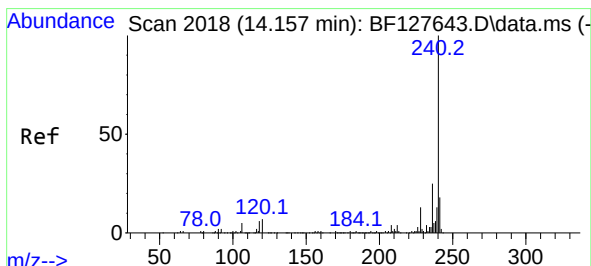
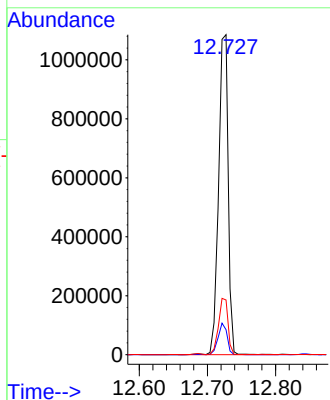
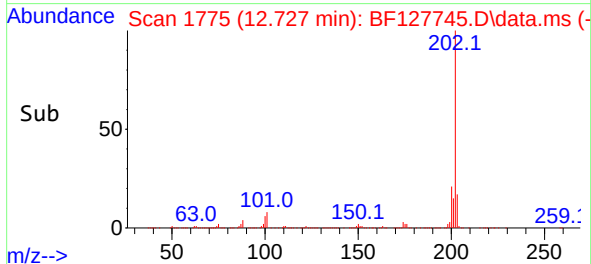
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



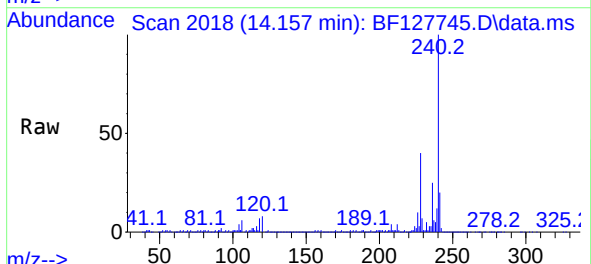
Tgt Ion:202 Resp: 1063359  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 29.0  
203 17.1 0.0 37.7

Manual Integrations  
APPROVED

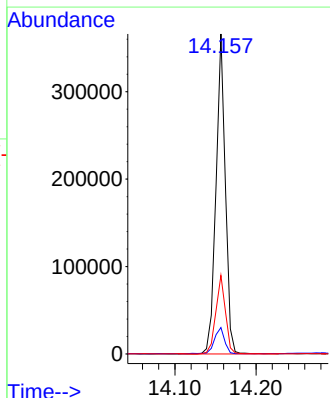
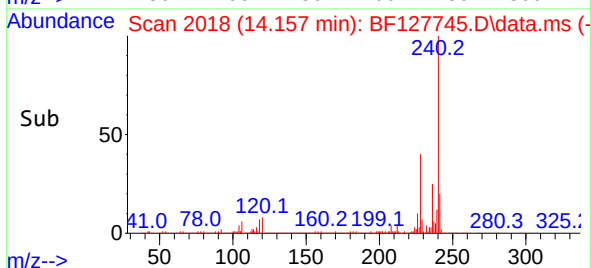
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

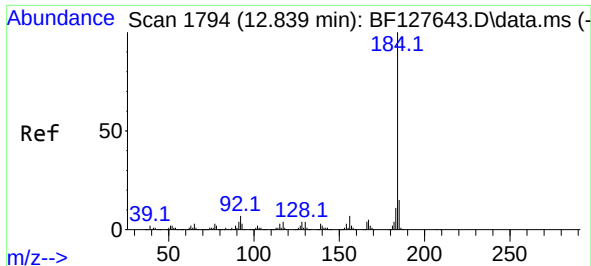


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.157 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



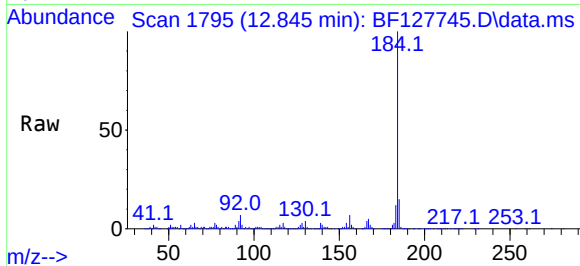
Tgt Ion:240 Resp: 293337  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.1 10.7  
236 24.5 20.7 31.1





#77  
Benzidine  
Concen: 43.134 ng  
RT: 12.845 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

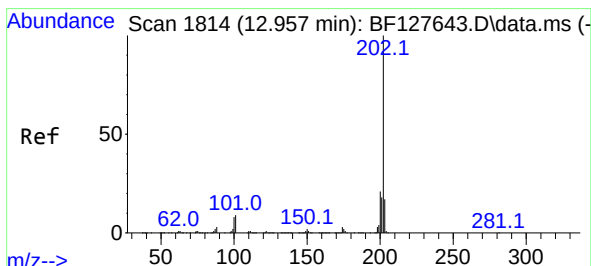
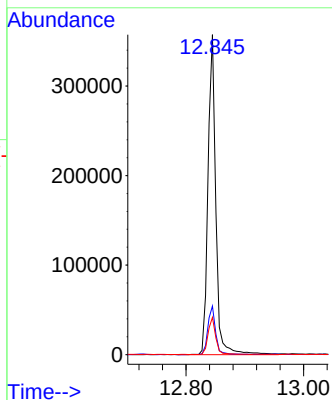
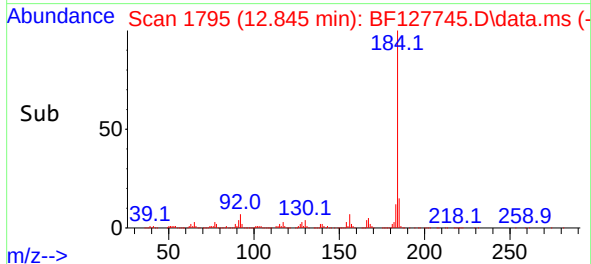
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



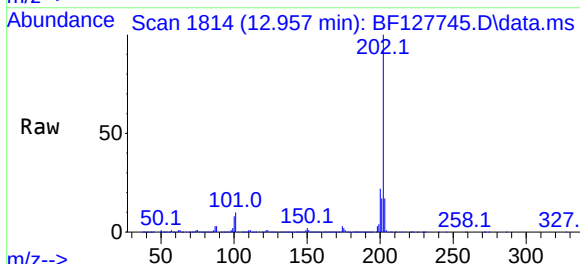
Tgt Ion:184 Resp: 330245  
Ion Ratio Lower Upper  
184 100  
185 15.2 12.2 18.2  
183 11.6 9.4 14.0

Manual Integrations  
APPROVED

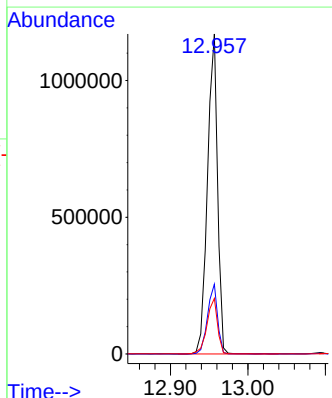
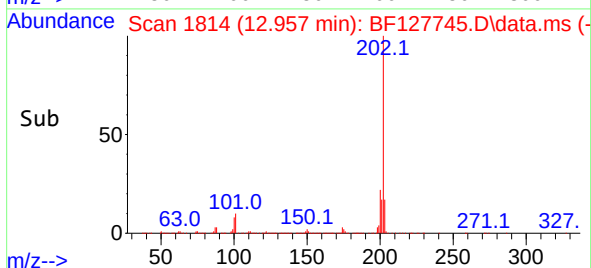
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

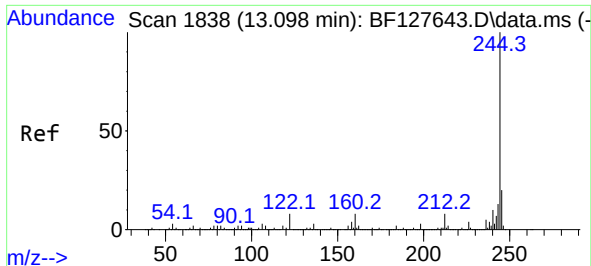


#78  
Pyrene  
Concen: 42.475 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:202 Resp: 1052126  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.1 25.7  
203 17.3 14.3 21.5





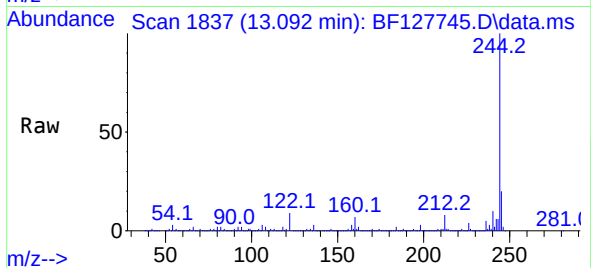
#79  
Terphenyl-d14  
Concen: 60.150 ng  
RT: 13.092 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

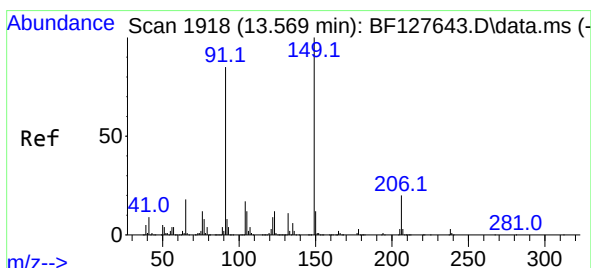
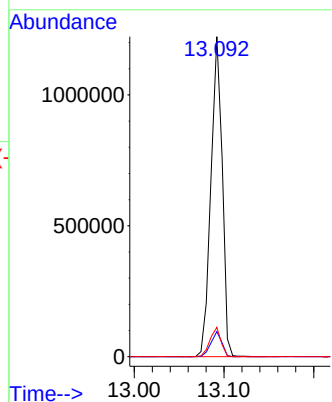
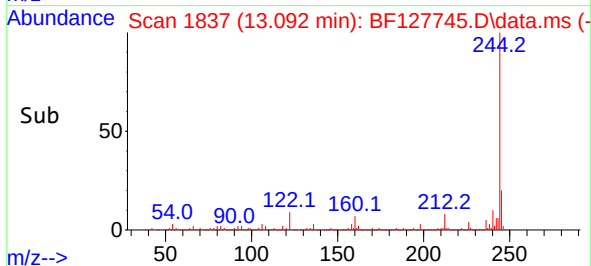


Tgt Ion:244 Resp: 1068958  
Ion Ratio Lower Upper  
244 100  
212 7.9 5.7 8.5  
122 9.1 6.2 9.2

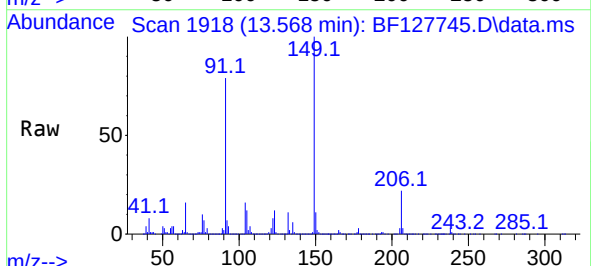
Manual Integrations

APPROVED

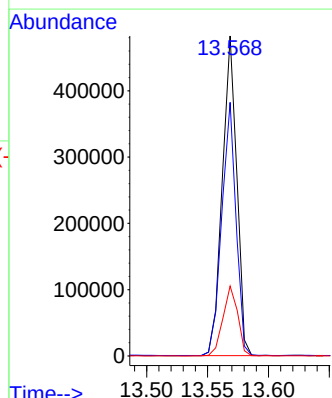
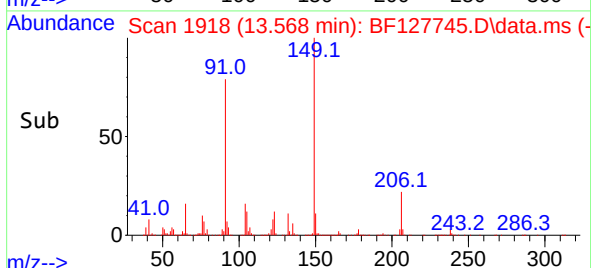
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

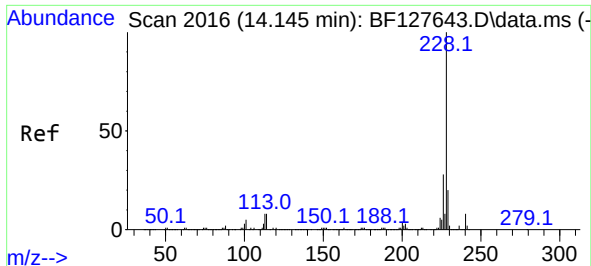


#80  
Butylbenzylphthalate  
Concen: 43.291 ng  
RT: 13.568 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:149 Resp: 399261  
Ion Ratio Lower Upper  
149 100  
91 79.3 69.1 103.7  
206 21.8 17.7 26.5





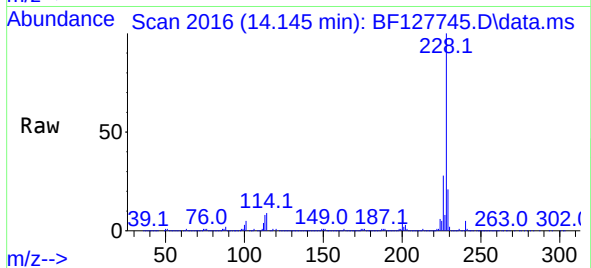
#81  
Benzo(a)anthracene  
Concen: 48.260 ng  
RT: 14.145 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

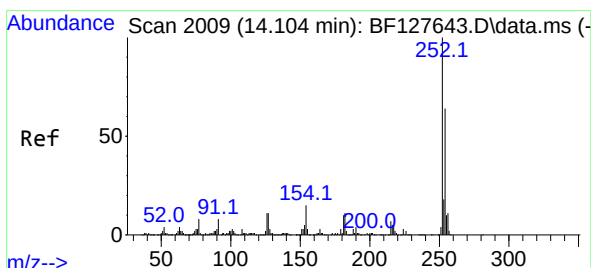
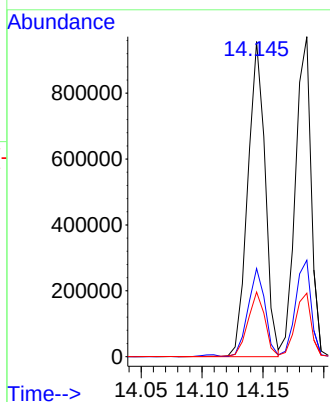
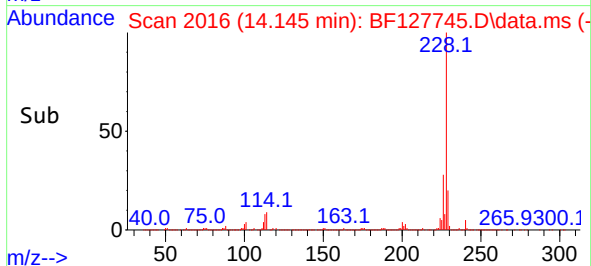


Tgt Ion:228 Resp: 94550  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.6 32.4  
229 20.5 15.4 23.2

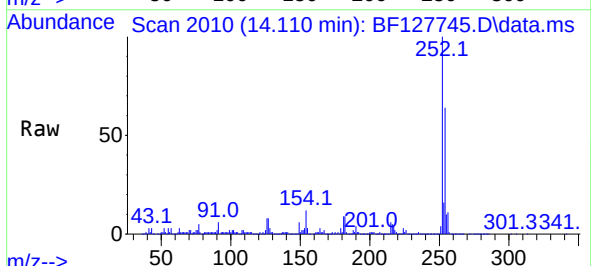
Manual Integrations

APPROVED

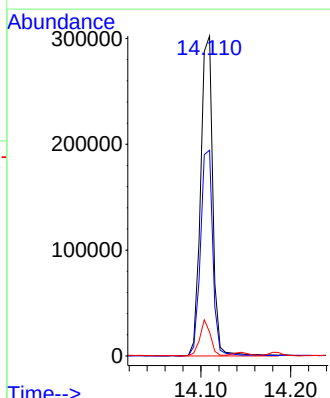
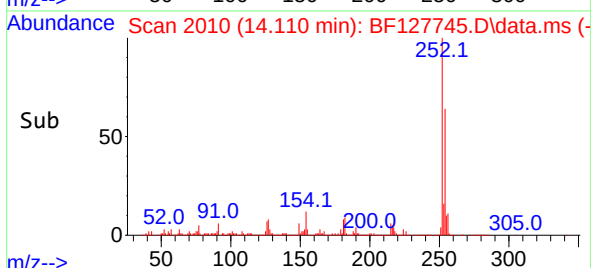
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

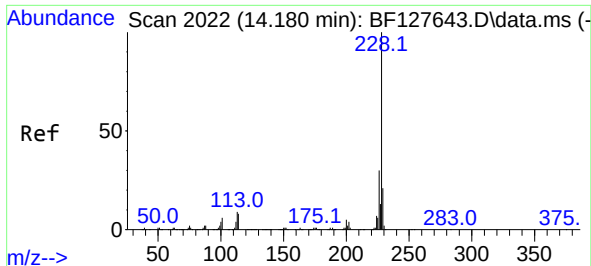


#82  
3,3'-Dichlorobenzidine  
Concen: 46.580 ng  
RT: 14.110 min Scan# 2010  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:252 Resp: 284500  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.2 75.4  
126 7.5 8.7 13.1#





#83  
Chrysene  
Concen: 46.419 ng  
RT: 14.186 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

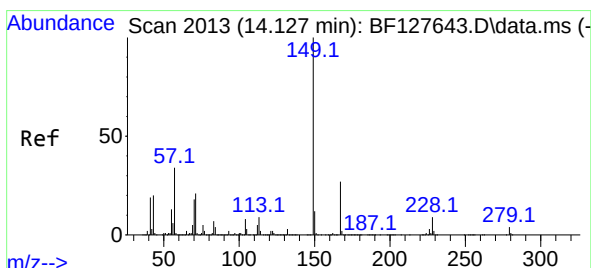
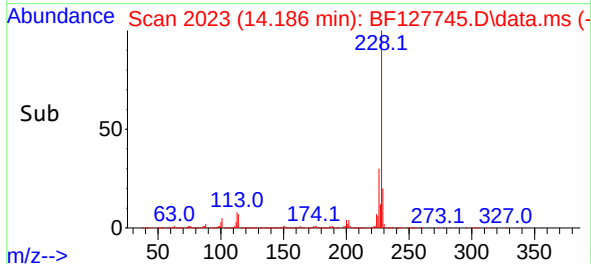
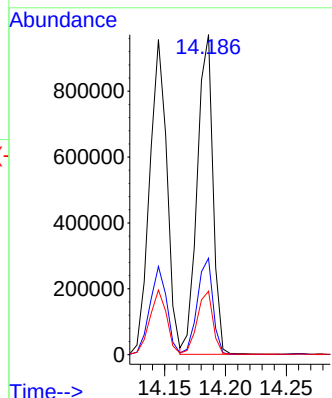
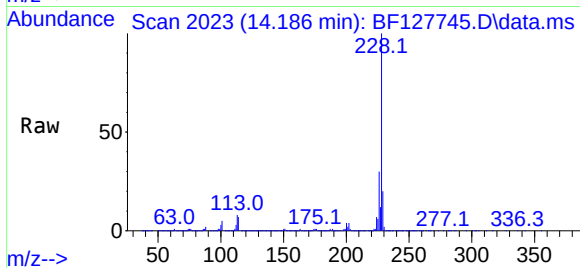
B250-CUMSD

Tgt Ion:228 Resp: 872968  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.2 36.4  
229 19.9 15.4 23.2

Manual Integrations

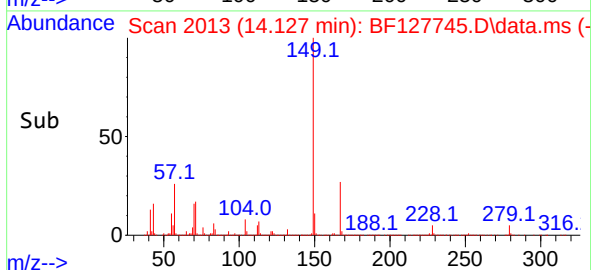
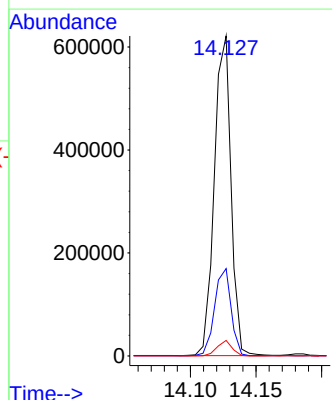
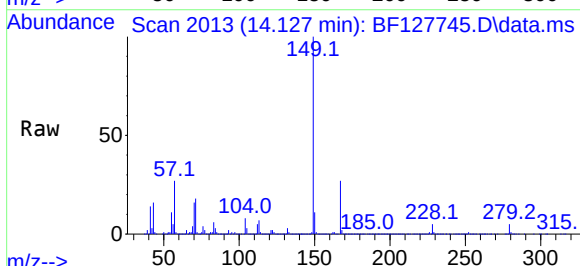
APPROVED

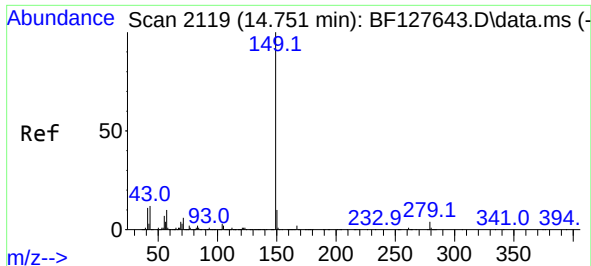
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.179 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

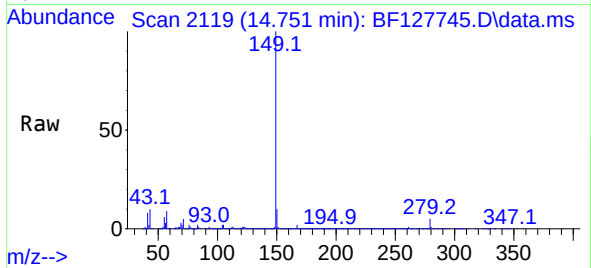
Tgt Ion:149 Resp: 548334  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.9 34.3  
279 4.8 3.2 4.8#





#85  
Di-n-octyl phthalate  
Concen: 48.518 ng  
RT: 14.751 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

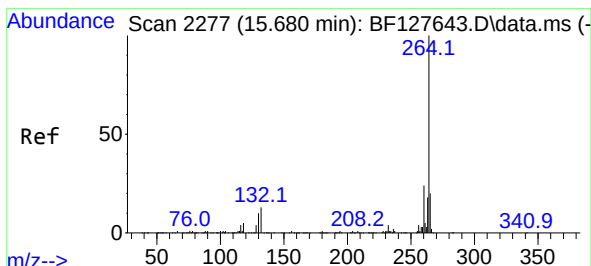
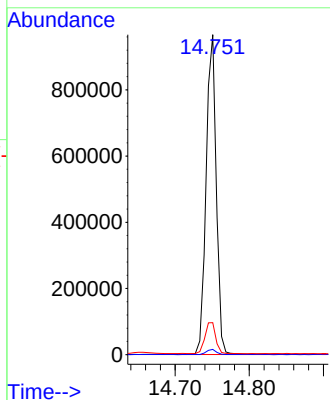
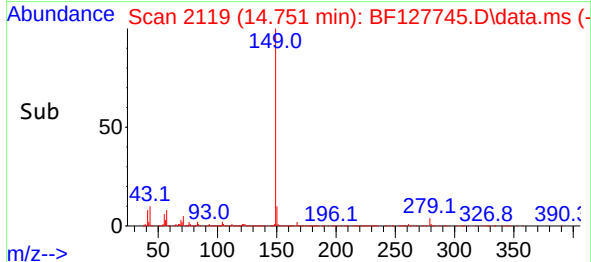
Instrument :  
BNA\_F  
ClientSampleId :  
B250-CUMSD



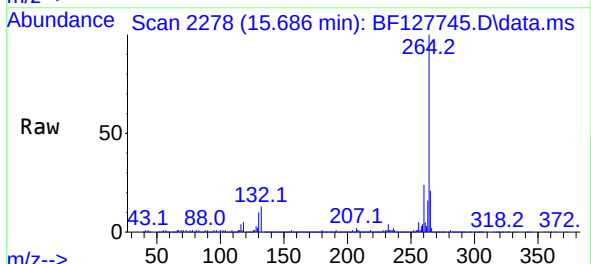
Tgt Ion:149 Resp: 92225  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.4 11.0 16.6

Manual Integrations  
APPROVED

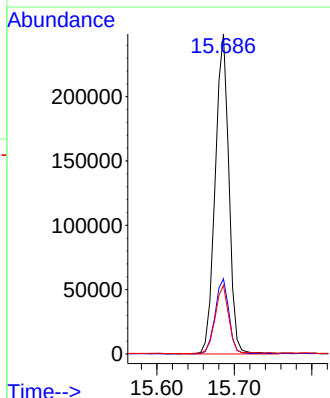
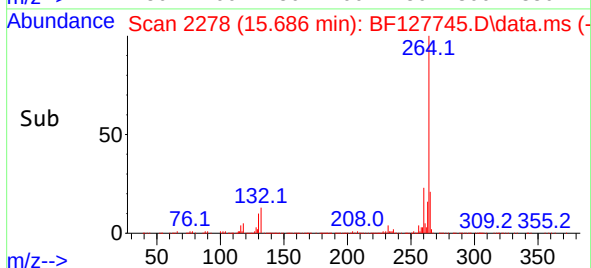
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

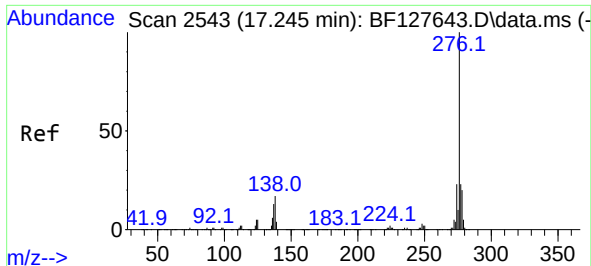


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.686 min Scan# 2278  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:264 Resp: 306743  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.1 28.7  
265 21.5 17.4 26.2





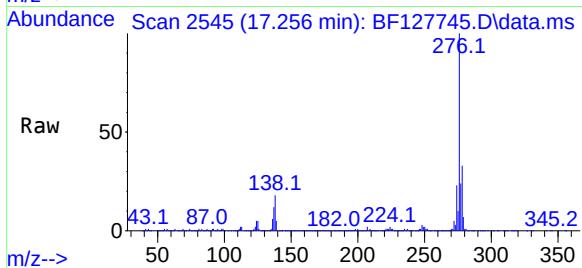
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.794 ng  
RT: 17.256 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

B250-CUMSD

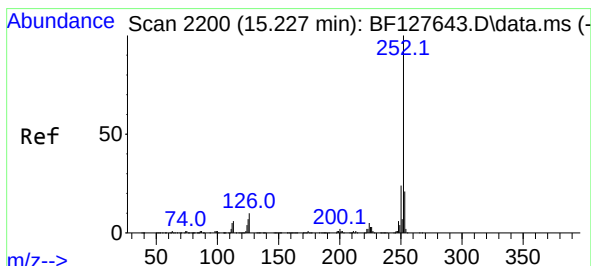
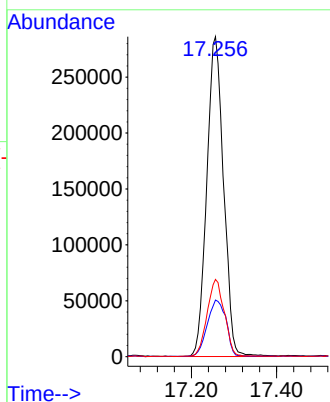
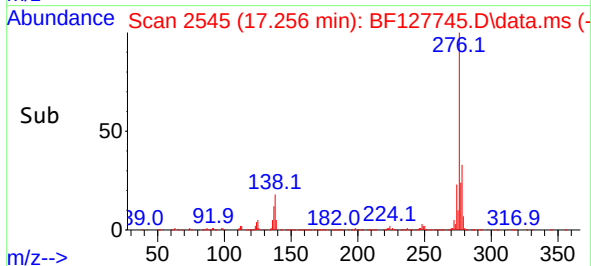


Tgt Ion:276 Resp: 78181  
Ion Ratio Lower Upper  
276 100  
138 19.8 17.1 25.7  
277 24.7 19.9 29.9

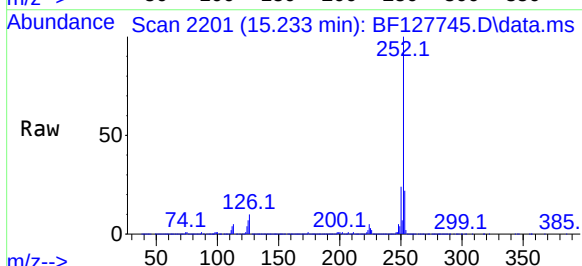
Manual Integrations

APPROVED

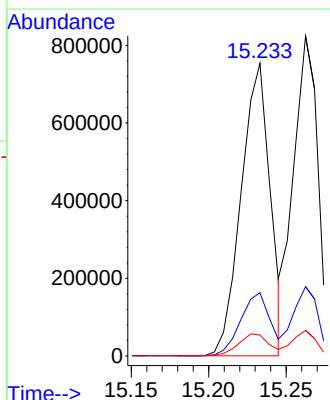
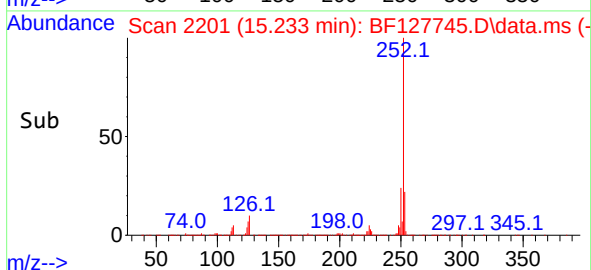
Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022

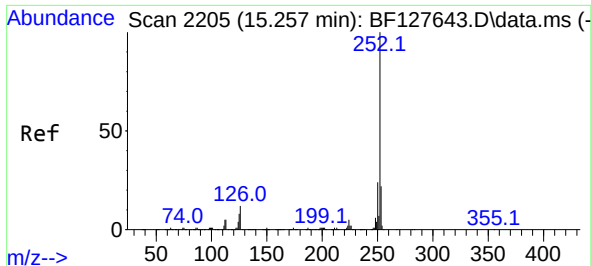


#88  
Benzo(b)fluoranthene  
Concen: 49.698 ng  
RT: 15.233 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21



Tgt Ion:252 Resp: 980681  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 7.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.733 ng

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

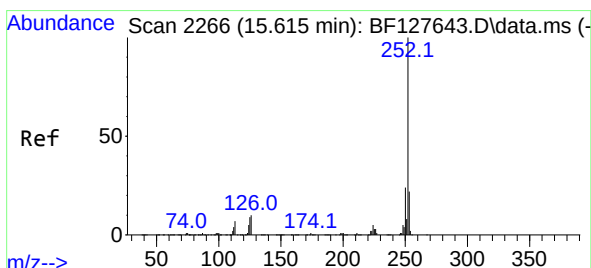
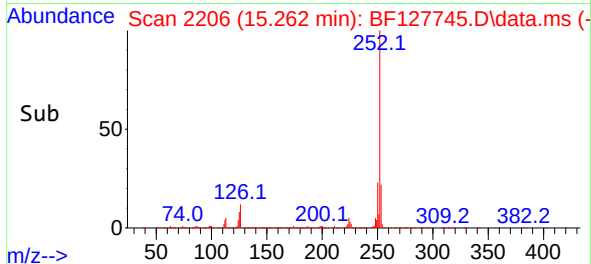
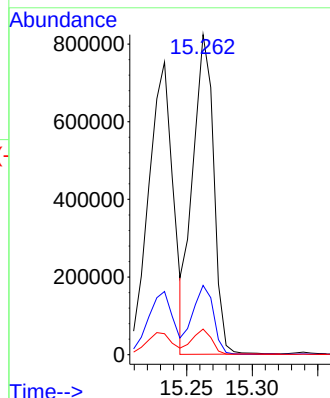
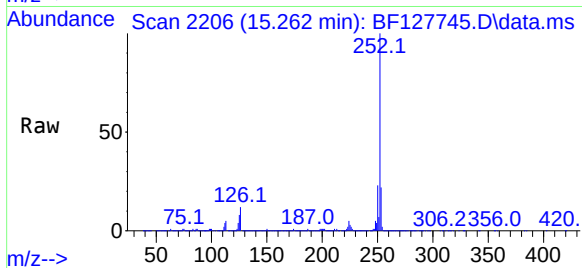
B250-CUMSD

Tgt Ion:252 Resp: 914624  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.3 25.9  
 125 8.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2022  
 Supervised By :Jagrut Upadhyay 04/13/2022



#90

Benzo(a)pyrene

Concen: 56.499 ng

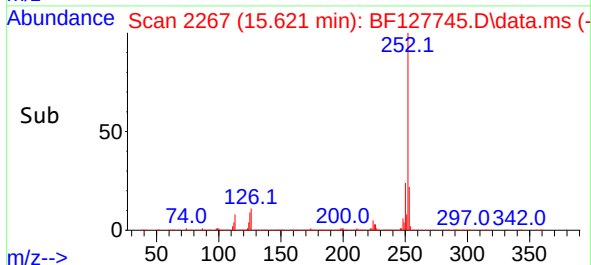
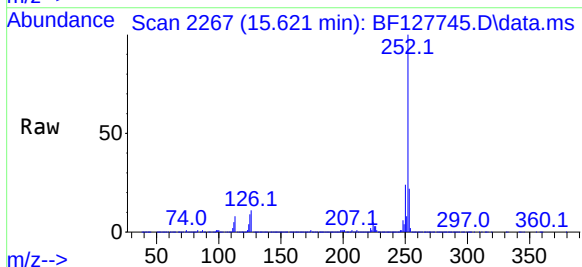
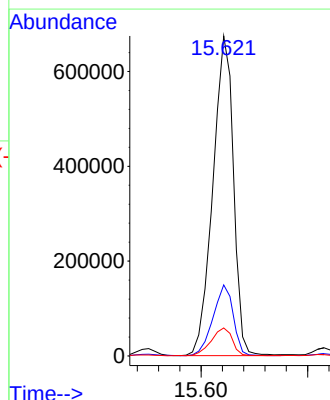
RT: 15.621 min Scan# 2267

Delta R.T. 0.006 min

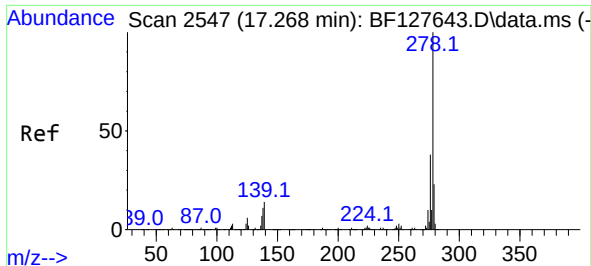
Lab File: BF127745.D

Acq: 11 Apr 2022 18:21

Tgt Ion:252 Resp: 906162  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.0 25.6  
 125 8.7 6.7 10.1







#91  
Dibenzo(a,h)anthracene  
Concen: 43.310 ng  
RT: 17.280 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Instrument :

BNA\_F

ClientSampleId :

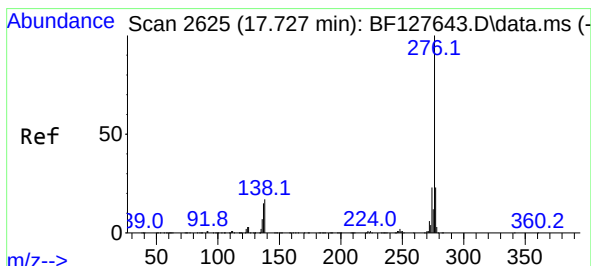
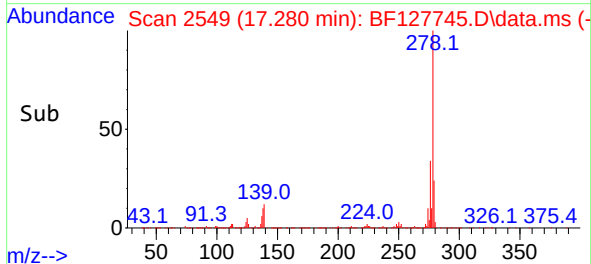
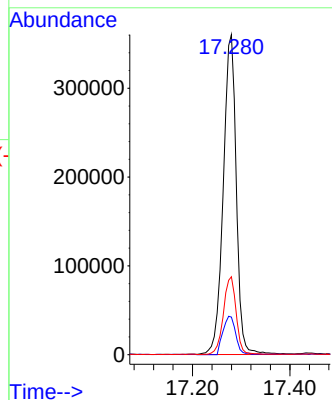
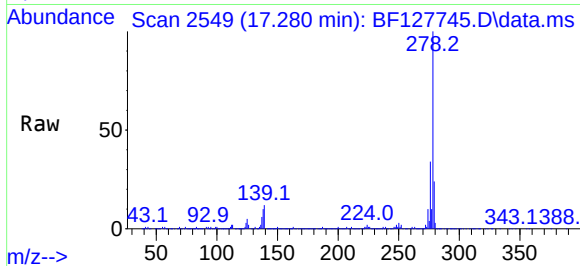
B250-CUMSD

Tgt Ion:278 Resp: 672529  
Ion Ratio Lower Upper  
278 100  
139 11.8 10.8 16.2  
279 24.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2022  
Supervised By :Jagrut Upadhyay 04/13/2022



#92  
Benzo(g,h,i)perylene  
Concen: 39.750 ng  
RT: 17.733 min Scan# 2626  
Delta R.T. 0.006 min  
Lab File: BF127745.D  
Acq: 11 Apr 2022 18:21

Tgt Ion:276 Resp: 632791  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.4  
138 17.5 14.6 22.0

