

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040422\  
 Data File : BF127630.D  
 Acq On : 04 Apr 2022 10:48  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/05/2022  
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 16:24:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 109171   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 384553   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 221431   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 399715   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 321265   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 240827   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 545820   | 79.806 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 723997   | 77.442 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 687609   | 76.433 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 175165   | 74.260 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1102170  | 72.683 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1317893  | 67.154 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.569  | 88   | 141831   | 47.216 | ng    | 93       |
| 3) Pyridine                   | 3.334  | 79   | 342929   | 40.448 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 188676   | 40.532 | ng    | 99       |
| 6) Aniline                    | 6.504  | 93   | 439390   | 39.385 | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 280849   | 40.183 | ng    | 99       |
| 9) Benzaldehyde               | 6.398  | 77   | 194580   | 40.754 | ng    | 93       |
| 10) Phenol                    | 6.492  | 94   | 401586   | 39.444 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 306944   | 41.202 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 298532   | 37.976 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 305133   | 38.589 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 276633   | 35.920 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 256252   | 37.716 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 534988   | 39.907 | ng    | 84       |
| 17) 2-Methylphenol            | 7.098  | 107  | 228568   | 38.751 | ng    | 94       |
| 18) Hexachloroethane          | 7.339  | 117  | 114389   | 39.515 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 216904   | 38.706 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 284333   | 39.083 | ng    | 91       |
| 22) Acetophenone              | 7.251  | 105  | 372276   | 37.871 | ng    | 98       |
| 24) Nitrobenzene              | 7.428  | 77   | 346573   | 40.395 | ng    | 100      |
| 25) Isophorone                | 7.663  | 82   | 599553   | 41.843 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 144808   | 40.244 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 218533   | 40.374 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 386724   | 41.548 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 247150   | 40.222 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 270462   | 37.773 | ng    | 97       |
| 31) Naphthalene               | 8.139  | 128  | 789747   | 38.682 | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 112814   | 37.743 | ng    | 94       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 322273   | 40.735 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 169130   | 37.197 | ng    | 98       |
| 35) Caprolactam               | 8.586  | 113  | 83142m   | 43.890 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 264653   | 39.697 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 520149   | 39.621 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 492317   | 37.925 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 266991   | 37.922 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 53099    | 33.694 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 167348   | 39.322 | ng    | 97       |

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

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

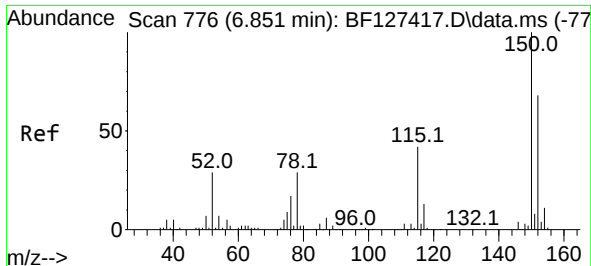
Reviewed By : Christian Giraldo 04/05/2022  
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 16:24:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 172253   | 39.319 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 636661   | 38.069 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 503201   | 38.209 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 208565   | 41.322 | ng    | 99       |
| 49) Acenaphthylene            | 9.739  | 152  | 739284   | 37.132 | ng    | 99       |
| 50) Dimethylphthalate         | 9.598  | 163  | 610324   | 39.620 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 127873   | 39.545 | ng    | 86       |
| 52) Acenaphthene              | 9.910  | 154  | 453096   | 39.005 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 146591   | 41.327 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 47894    | 34.856 | ng    | 92       |
| 55) Dibenzofuran              | 10.080 | 168  | 670079   | 39.579 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 80052    | 44.342 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 155117   | 37.268 | ng    | # 86     |
| 58) Fluorene                  | 10.427 | 166  | 544053   | 40.168 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 148089   | 38.234 | ng    | 99       |
| 60) Diethylphthalate          | 10.298 | 149  | 566028   | 40.229 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 296587   | 37.252 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 140169   | 42.188 | ng    | 95       |
| 63) Azobenzene                | 10.575 | 77   | 667160   | 40.186 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 102956   | 41.860 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 470480   | 38.667 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 179328   | 38.427 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.975 | 284  | 194225   | 38.128 | ng    | 99       |
| 69) Atrazine                  | 11.063 | 200  | 158690   | 39.176 | ng    | 97       |
| 70) Pentachlorophenol         | 11.180 | 266  | 60845    | 35.071 | ng    | 98       |
| 71) Phenanthrene              | 11.392 | 178  | 808603   | 38.803 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 804053   | 38.881 | ng    | 99       |
| 73) Carbazole                 | 11.610 | 167  | 784131   | 39.649 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 887597   | 43.359 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 922204   | 40.235 | ng    | 98       |
| 77) Benzidine                 | 12.710 | 184  | 298796   | 39.006 | ng    | 99       |
| 78) Pyrene                    | 12.816 | 202  | 932681   | 33.827 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 371690   | 40.960 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.010 | 228  | 810097   | 37.706 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 244967   | 38.795 | ng    | 99       |
| 83) Chrysene                  | 14.051 | 228  | 783897   | 38.531 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 463002   | 44.138 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 787082   | 56.386 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 497822   | 30.549 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.068 | 252  | 644127   | 42.420 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.098 | 252  | 600375   | 38.140 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 502916   | 40.357 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 420829   | 31.279 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 410613   | 29.527 | ng    | 97       |

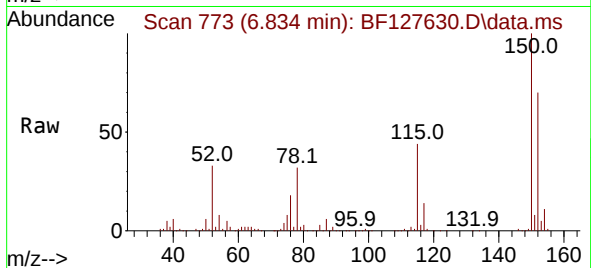
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

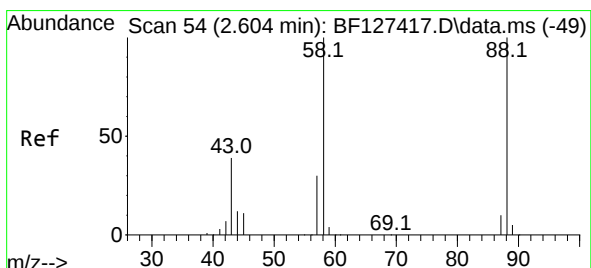
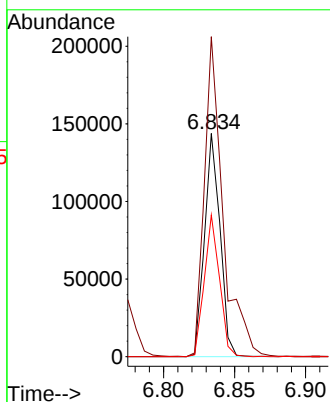
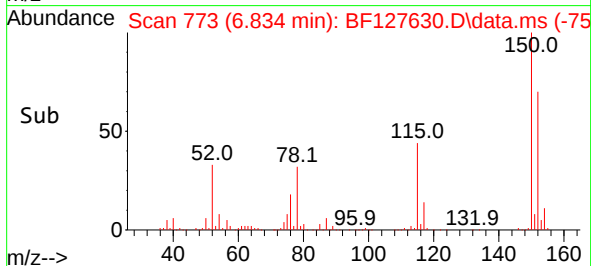
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 10917  
Ion Ratio Lower Upper  
152 100  
150 143.3 117.2 175.8  
115 63.4 49.8 74.6

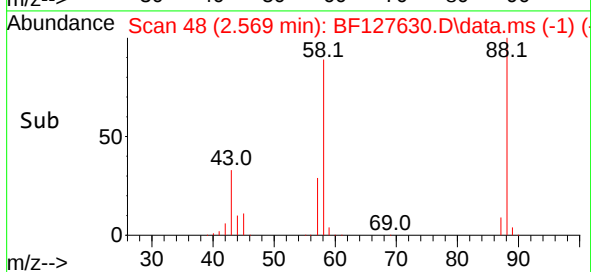
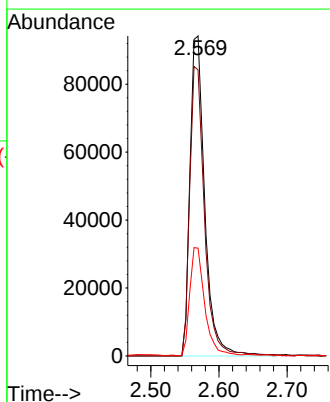
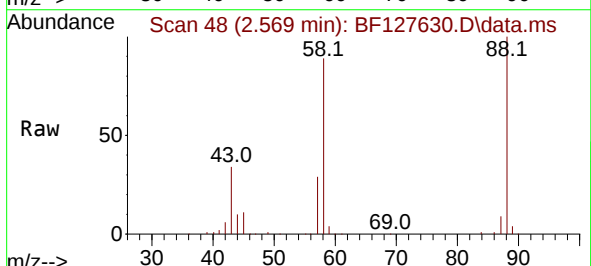
Manual Integrations  
APPROVED

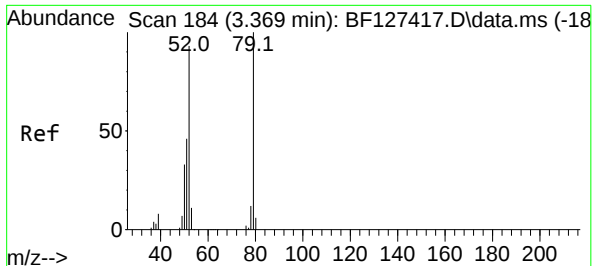
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#2  
1,4-Dioxane  
Concen: 47.216 ng  
RT: 2.569 min Scan# 48  
Delta R.T. -0.018 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

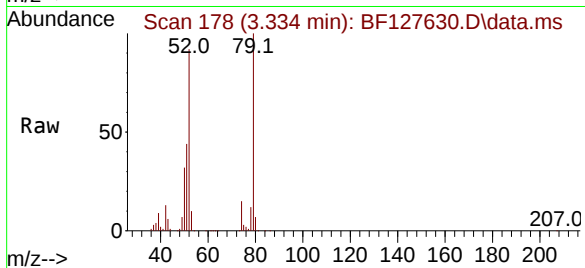
Tgt Ion: 88 Resp: 141831  
Ion Ratio Lower Upper  
88 100  
58 90.0 77.0 115.4  
43 34.4 31.3 46.9





#3  
Pyridine  
Concen: 40.448 ng  
RT: 3.334 min Scan# 175  
Delta R.T. -0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

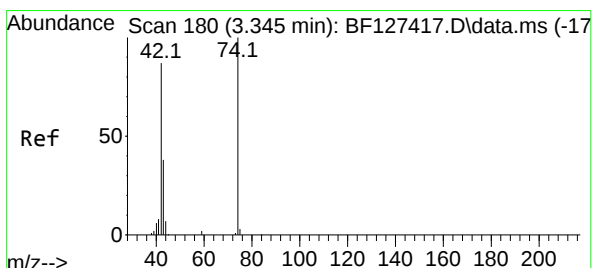
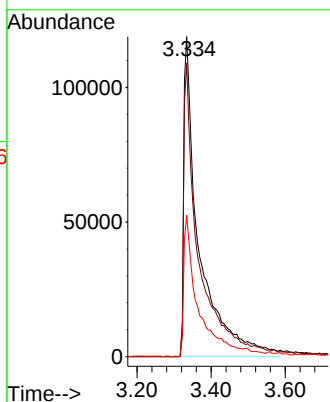
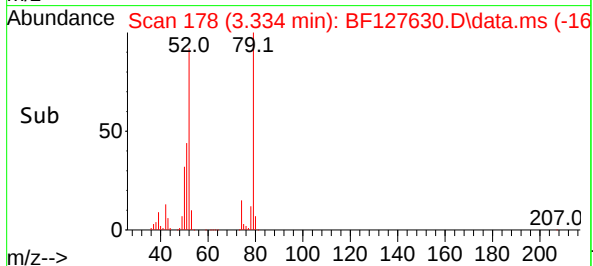
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



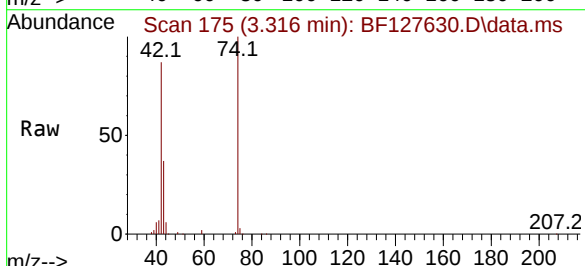
Tgt Ion: 79 Resp: 342929  
Ion Ratio Lower Upper  
79 100  
52 91.8 74.2 111.4  
51 44.2 36.7 55.1

Manual Integrations  
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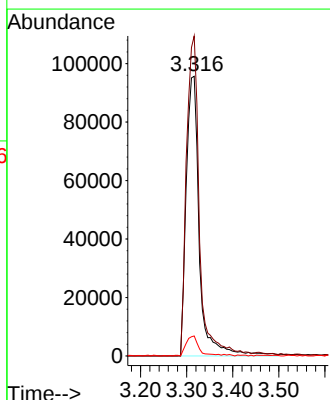
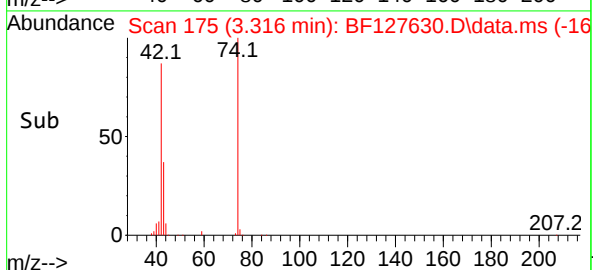
Reviewed By :Christian Giraldo 04/05/2022  
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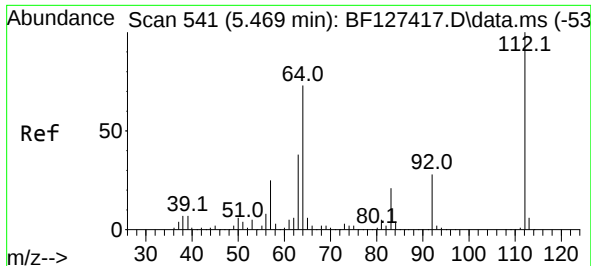


#4  
n-Nitrosodimethylamine  
Concen: 40.532 ng  
RT: 3.316 min Scan# 175  
Delta R.T. -0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion: 42 Resp: 188676  
Ion Ratio Lower Upper  
42 100  
74 114.4 92.4 138.6  
44 7.2 6.0 9.0





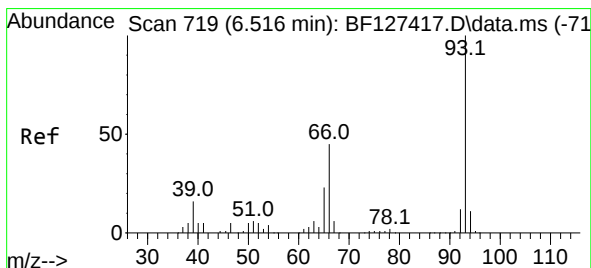
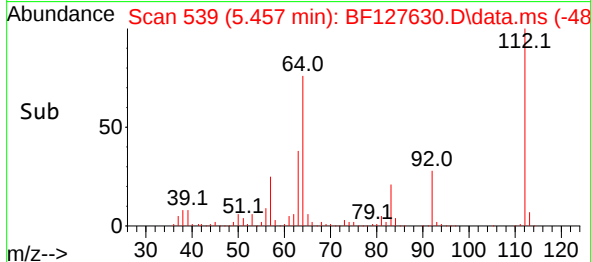
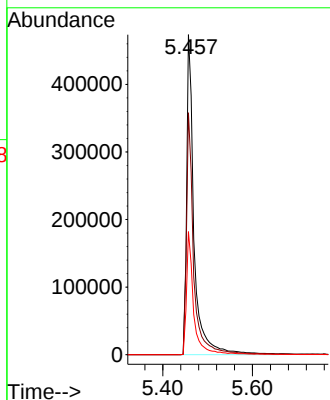
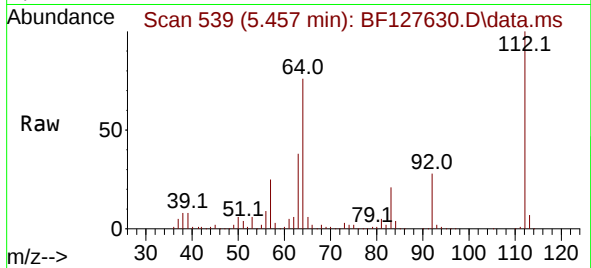
#5  
2-Fluorophenol  
Concen: 79.806 ng  
RT: 5.457 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:112 Resp: 545820  
Ion Ratio Lower Upper  
112 100  
64 75.6 58.4 87.6  
63 38.5 30.1 45.1

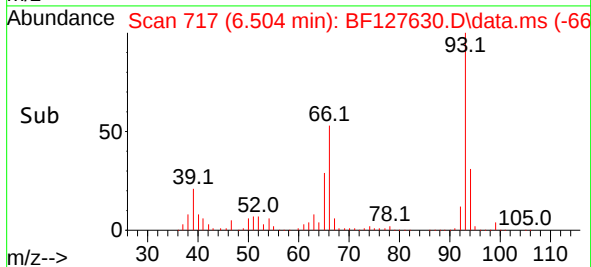
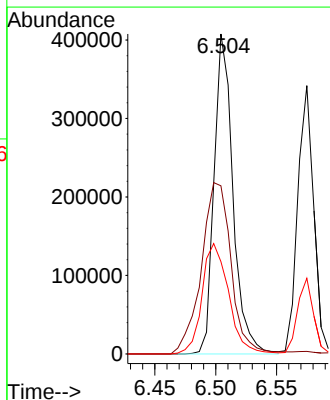
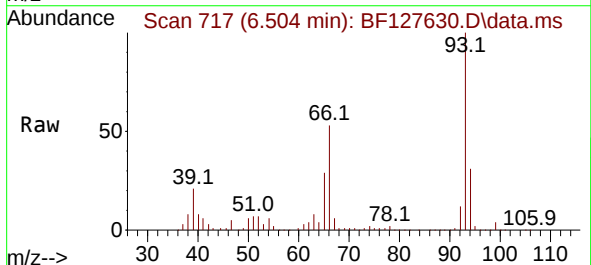
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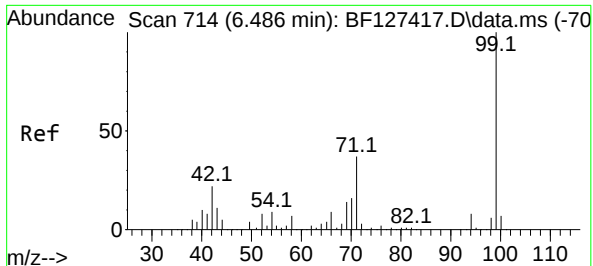
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#6  
Aniline  
Concen: 39.385 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

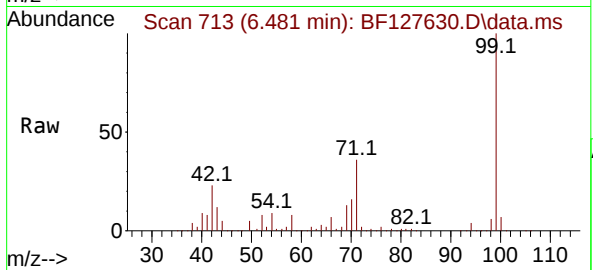
Tgt Ion: 93 Resp: 439390  
Ion Ratio Lower Upper  
93 100  
66 52.5 36.2 54.4  
65 28.8 18.4 27.6#





#7  
Phenol-d6  
Concen: 77.442 ng  
RT: 6.481 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

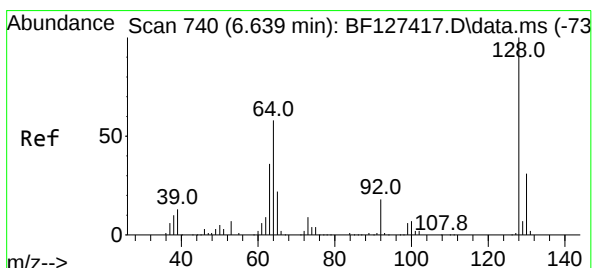
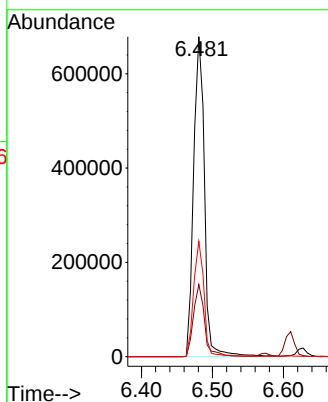
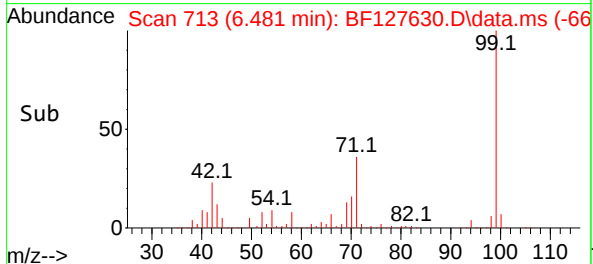
Instrument :  
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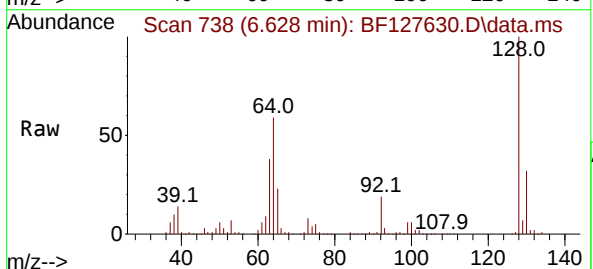
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Ion Ratio Lower Upper  
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42 22.6 17.8 26.6  
71 36.0 29.6 44.4

Manual Integrations  
APPROVED

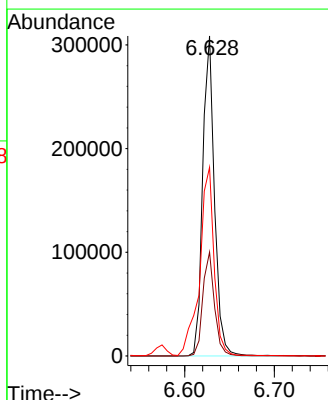
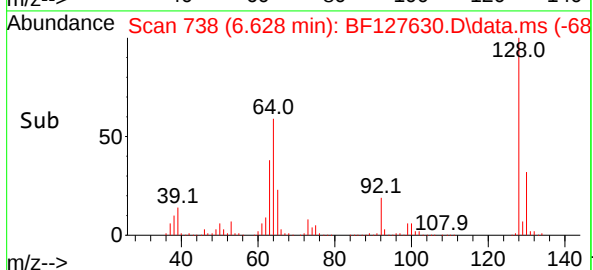
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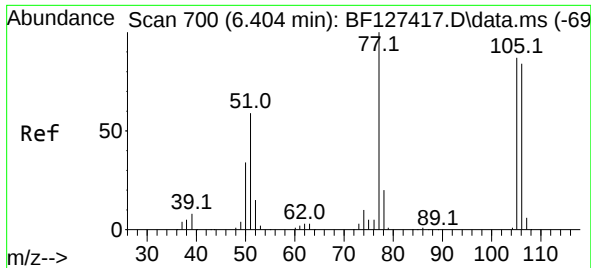


#8  
2-Chlorophenol  
Concen: 40.183 ng  
RT: 6.628 min Scan# 738  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion:128 Resp: 280849  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.3 51.3  
64 59.0 38.4 78.4





#9  
Benzaldehyde  
Concen: 40.754 ng  
RT: 6.398 min Scan# 699  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

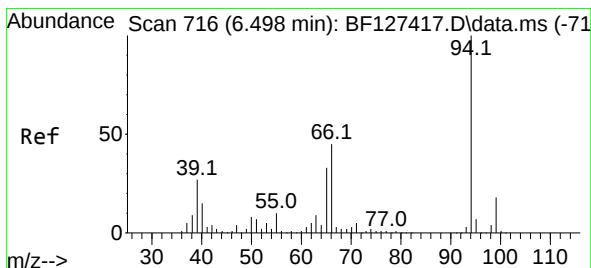
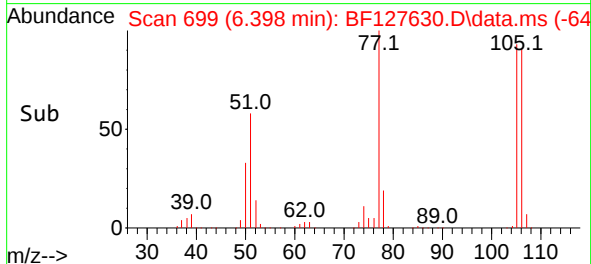
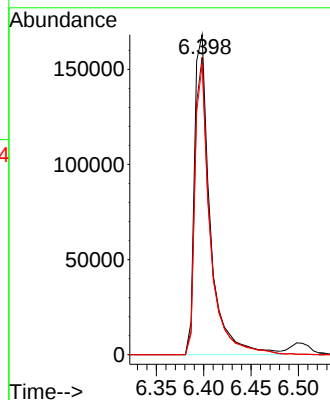
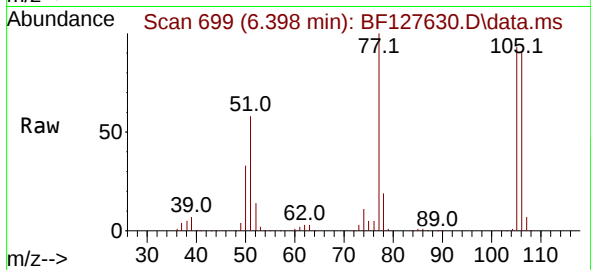
SSTDCCC040

Tgt Ion: 77 Resp: 194586  
Ion Ratio Lower Upper  
77 100  
105 93.0 66.8 106.8  
106 90.6 64.3 104.3

Manual Integrations

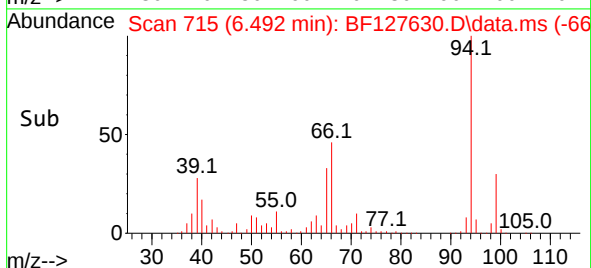
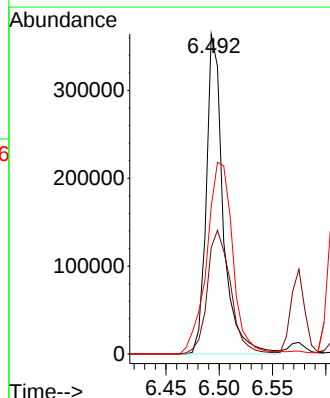
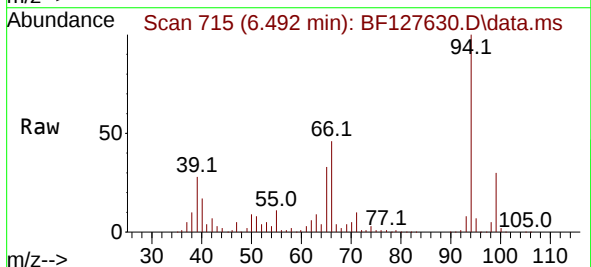
APPROVED

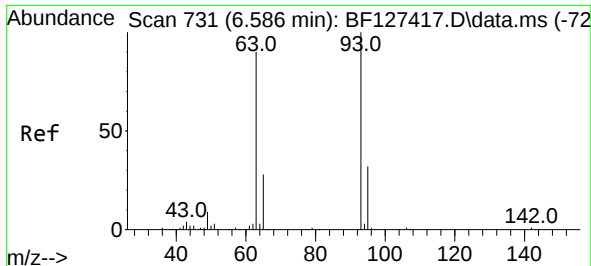
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#10  
Phenol  
Concen: 39.444 ng  
RT: 6.492 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion: 94 Resp: 401586  
Ion Ratio Lower Upper  
94 100  
65 33.3 13.1 53.1  
66 46.0 24.9 64.9





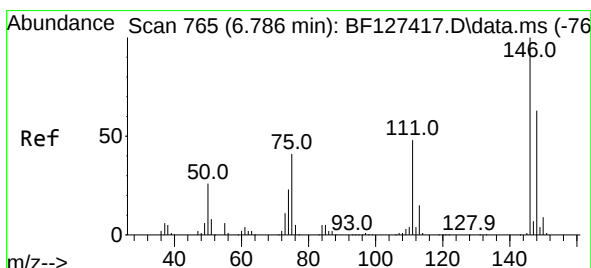
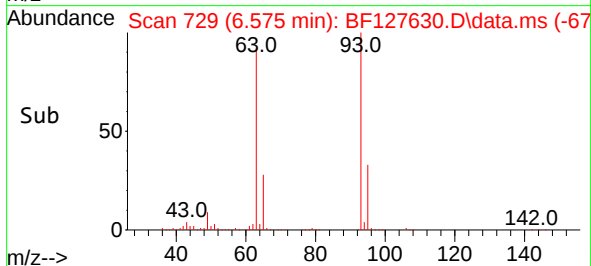
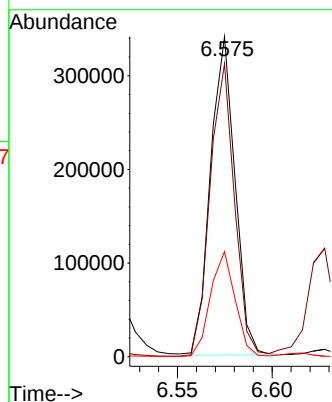
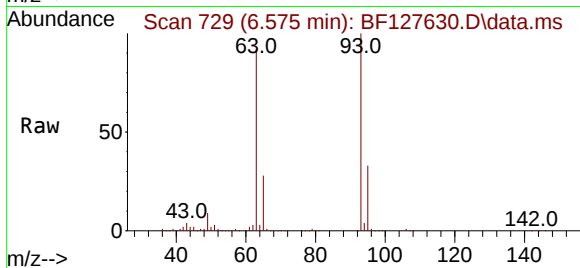
#11  
bis(2-Chloroethyl)ether  
Concen: 41.202 ng  
RT: 6.575 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 306944  
Ion Ratio Lower Upper  
93 100  
63 91.6 69.6 109.6  
95 32.9 11.6 51.6

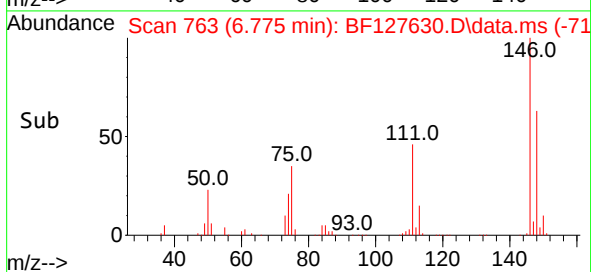
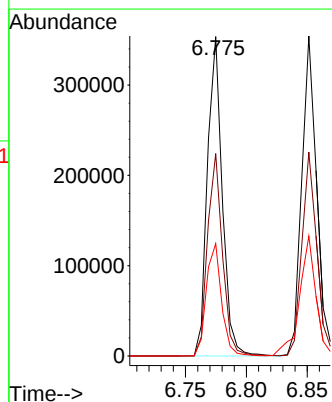
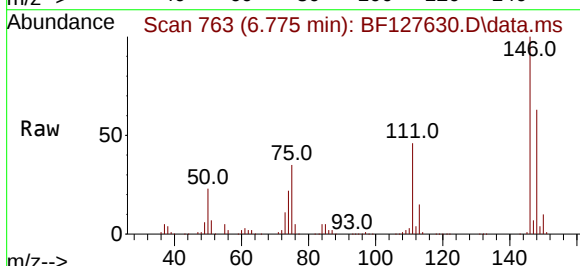
Manual Integrations  
APPROVED

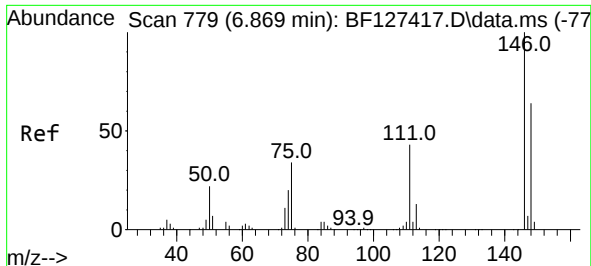
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#12  
1,3-Dichlorobenzene  
Concen: 37.976 ng  
RT: 6.775 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

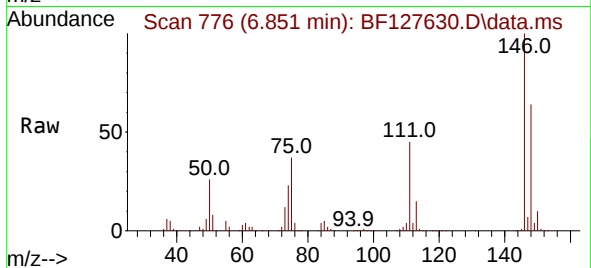
Tgt Ion:146 Resp: 298532  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.6 76.0  
75 35.2 32.4 48.6





#13  
1,4-Dichlorobenzene  
Concen: 38.589 ng  
RT: 6.851 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

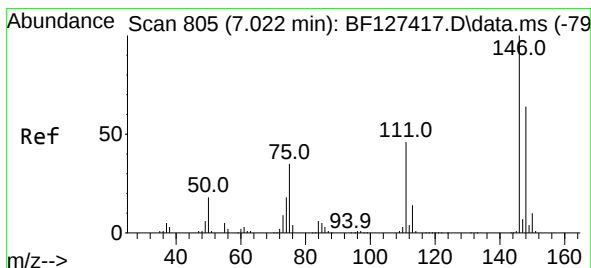
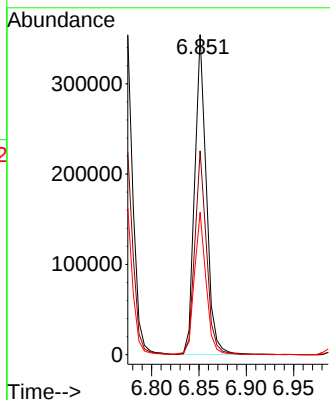
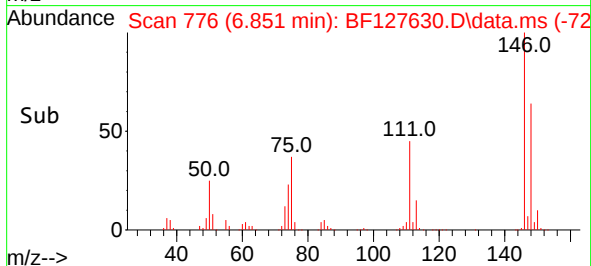
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



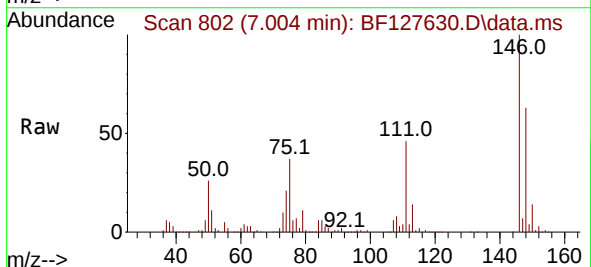
Tgt Ion:146 Resp: 30513  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.3 76.9  
111 44.5 34.2 51.4

Manual Integrations  
APPROVED

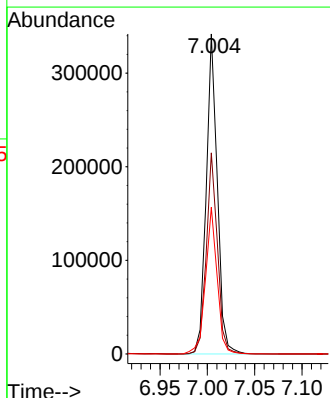
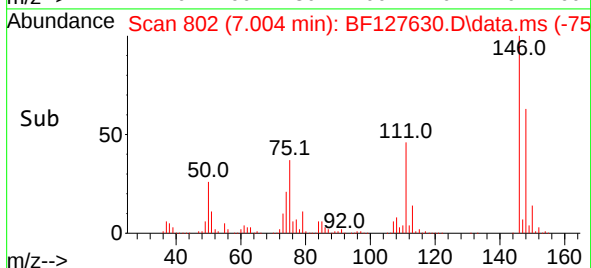
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

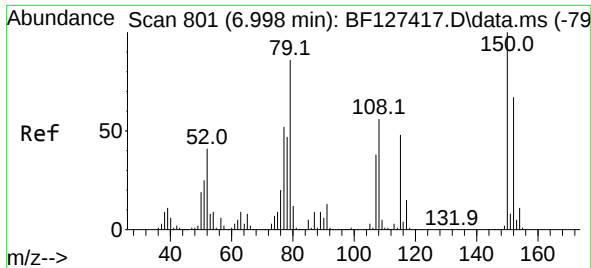


#14  
1,2-Dichlorobenzene  
Concen: 35.920 ng  
RT: 7.004 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



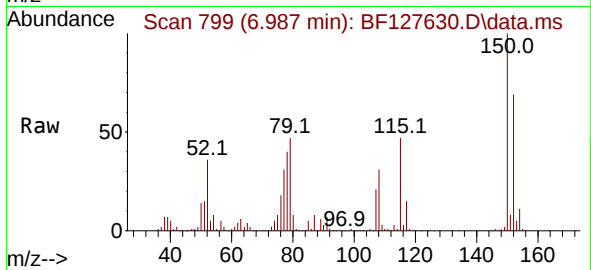
Tgt Ion:146 Resp: 276633  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.4 77.2  
111 45.9 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 37.716 ng  
RT: 6.987 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

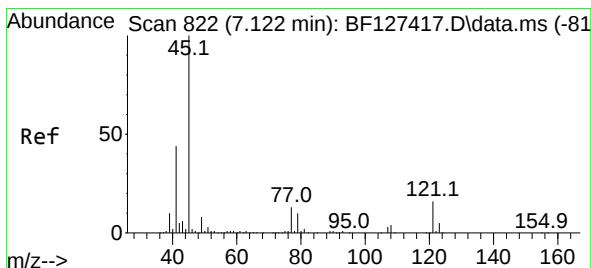
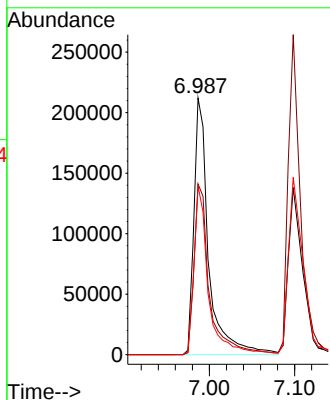
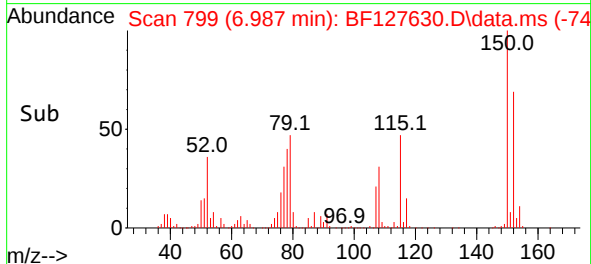
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



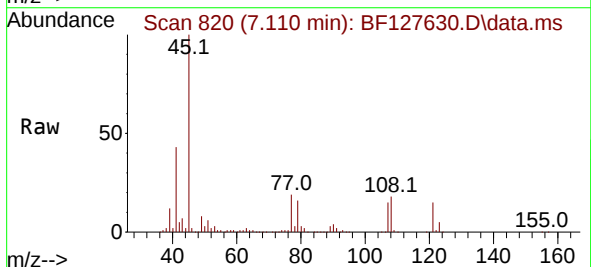
Tgt Ion: 79 Resp: 256252  
Ion Ratio Lower Upper  
79 100  
108 66.5 52.2 78.2  
77 65.7 48.3 72.5

Manual Integrations  
APPROVED

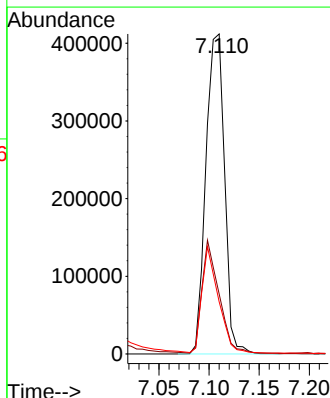
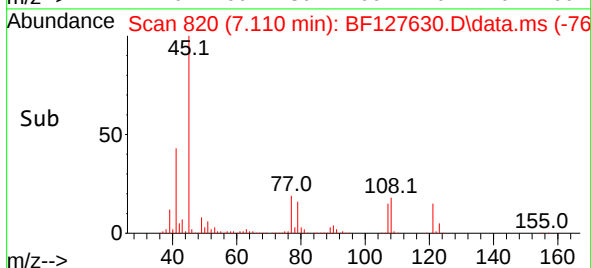
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

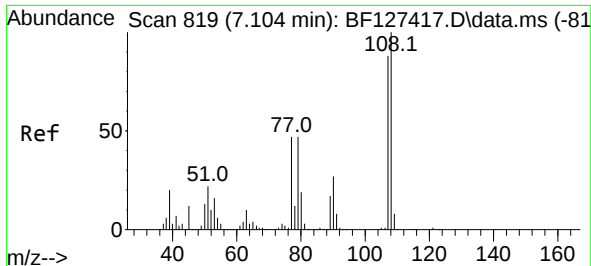


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.907 ng  
RT: 7.110 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



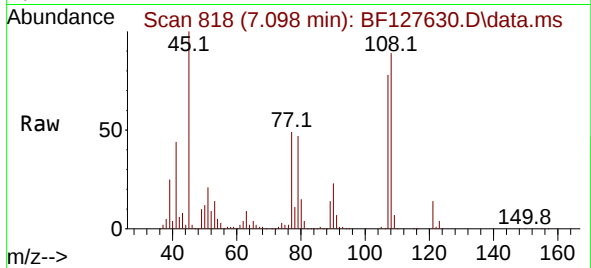
Tgt Ion: 45 Resp: 534988  
Ion Ratio Lower Upper  
45 100  
77 18.8 0.0 32.9  
79 16.3 0.0 29.9





#17  
2-Methylphenol  
Concen: 38.751 ng  
RT: 7.098 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

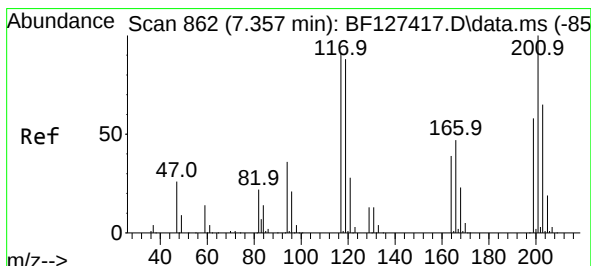
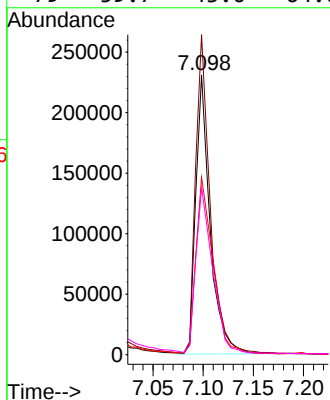
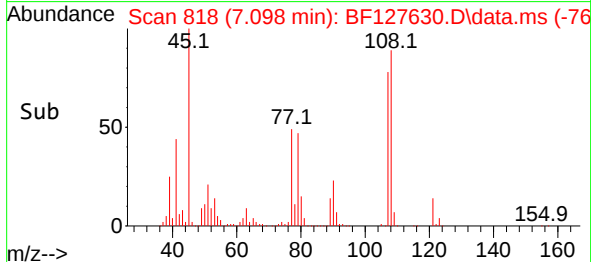
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 22856  
Ion Ratio Lower Upper  
107 100  
108 114.4 90.7 136.1  
77 63.4 42.9 64.3  
79 59.7 43.0 64.6

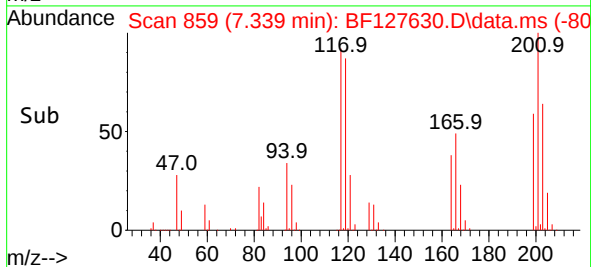
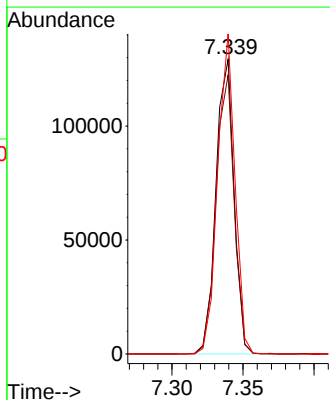
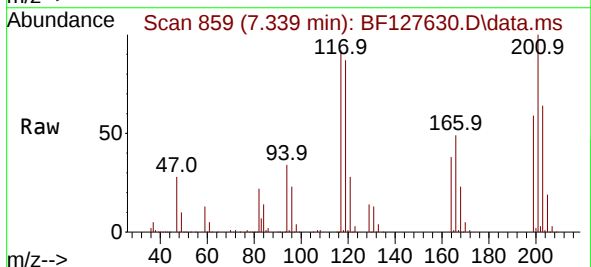
Manual Integrations  
APPROVED

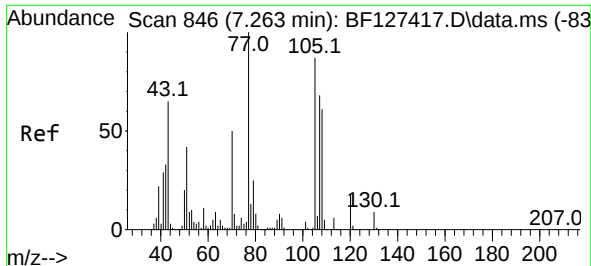
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#18  
Hexachloroethane  
Concen: 39.515 ng  
RT: 7.339 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion:117 Resp: 114389  
Ion Ratio Lower Upper  
117 100  
119 94.7 77.6 116.4  
201 108.6 88.2 132.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.706 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF127630.D

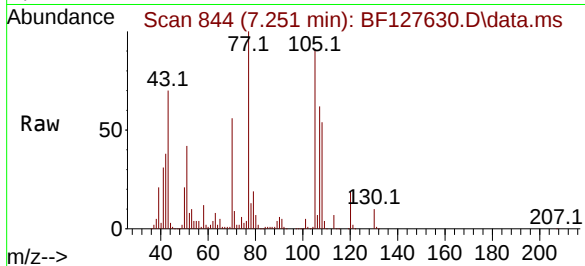
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 216904

Ion Ratio Lower Upper

70 100

42 67.5 53.0 79.6

101 8.7 6.8 10.2

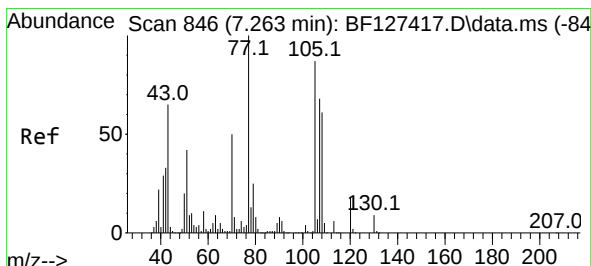
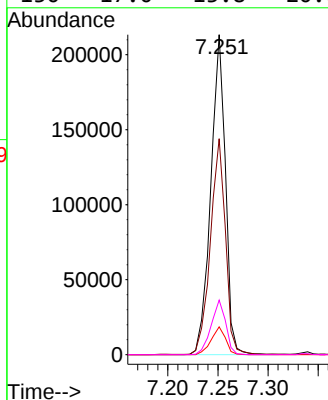
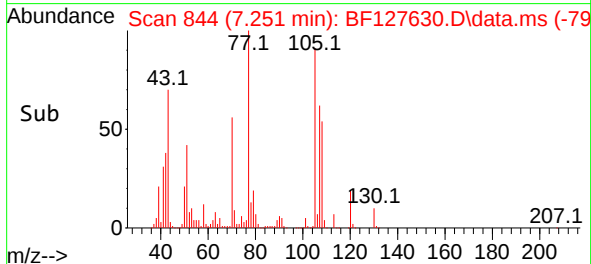
130 17.0 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#20

3+4-Methylphenols

Concen: 39.083 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Tgt Ion:107 Resp: 284333

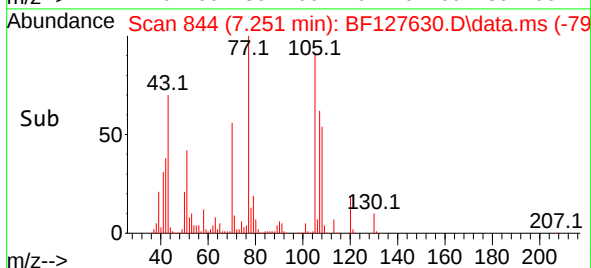
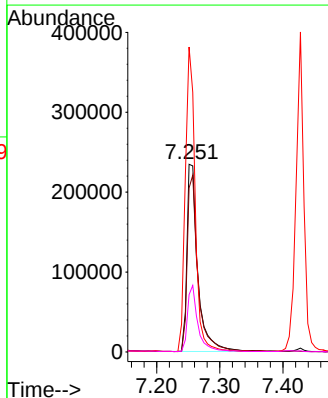
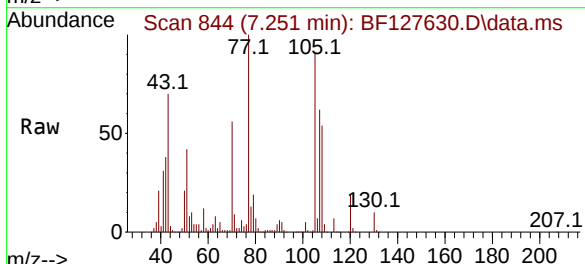
Ion Ratio Lower Upper

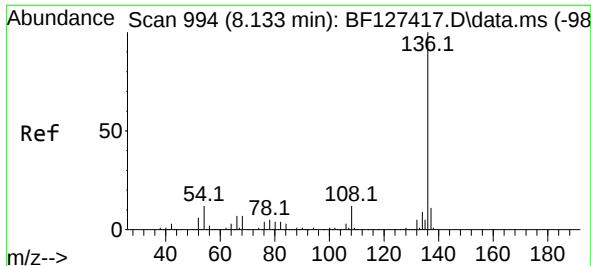
107 100

108 87.4 70.7 110.7

77 162.5 127.9 167.9

79 30.6 16.8 56.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

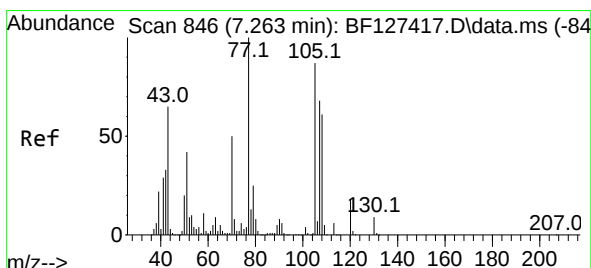
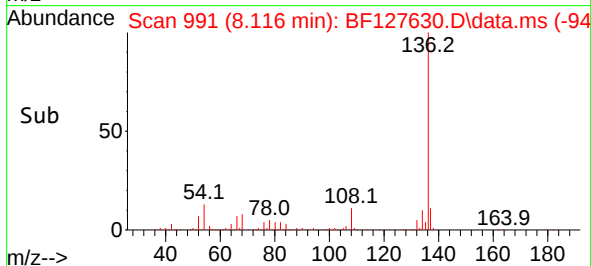
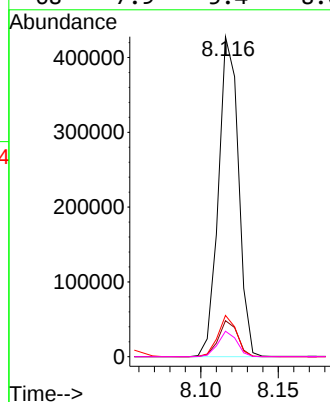
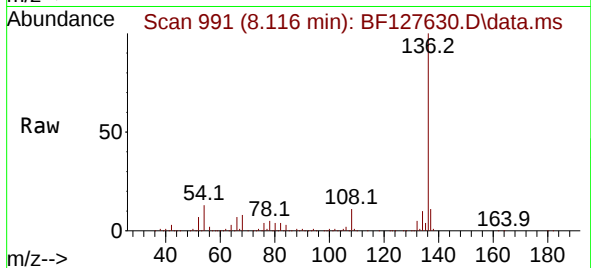
|             |             |
|-------------|-------------|
| Tgt Ion:136 | Resp: 38455 |
| Ion Ratio   | Lower Upper |
| 136 100     |             |
| 137 11.2    | 8.6 13.0    |
| 54 12.9     | 9.2 13.8    |
| 68 7.9      | 5.4 8.0     |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#22

Acetophenone

Concen: 37.871 ng

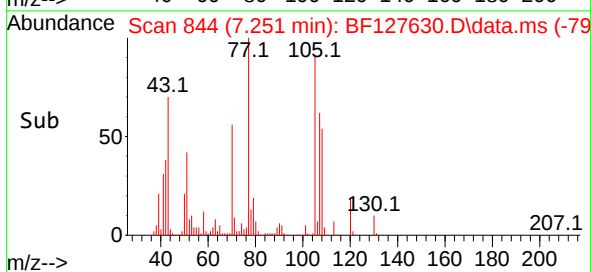
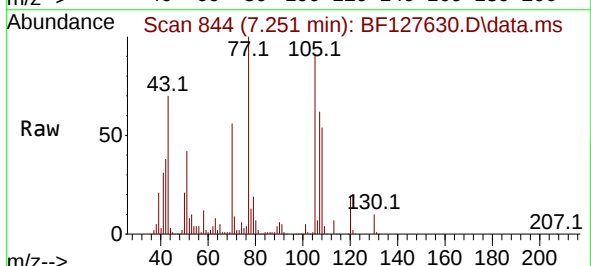
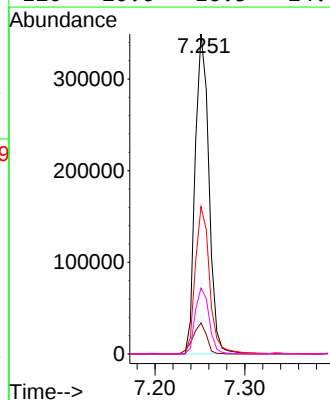
RT: 7.251 min Scan# 844

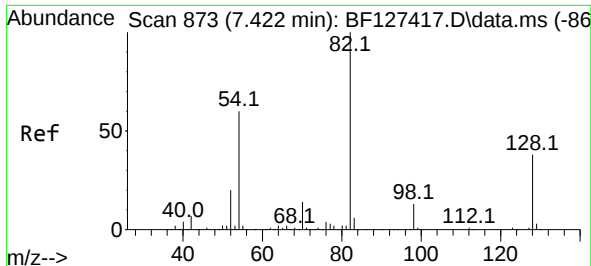
Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

|             |              |
|-------------|--------------|
| Tgt Ion:105 | Resp: 372276 |
| Ion Ratio   | Lower Upper  |
| 105 100     |              |
| 71 9.7      | 7.3 10.9     |
| 51 46.1     | 38.8 58.2    |
| 120 20.6    | 16.5 24.7    |





#23

Nitrobenzene-d5

Concen: 76.433 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127630.D

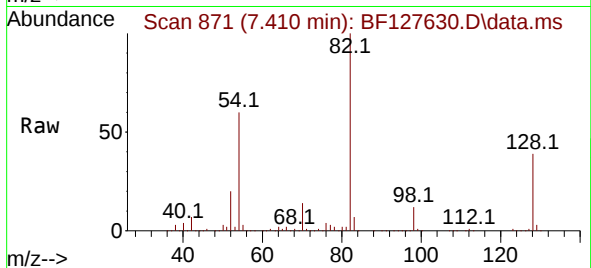
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



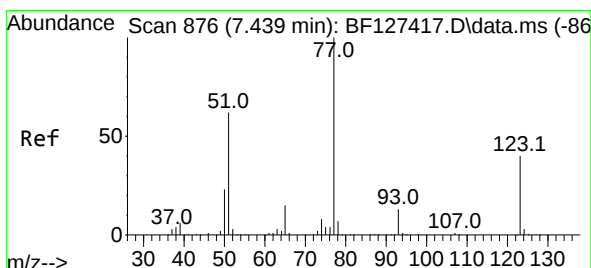
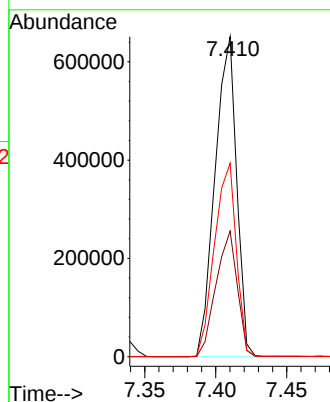
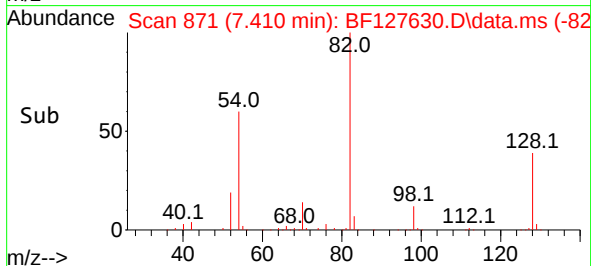
Tgt Ion: 82 Resp: 687609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.3  | 30.6  | 45.8  |
| 54  | 60.4  | 48.2  | 72.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#24

Nitrobenzene

Concen: 40.395 ng

RT: 7.428 min Scan# 874

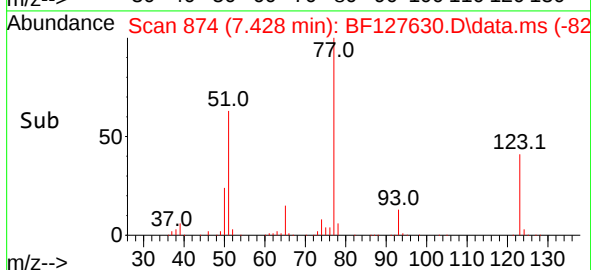
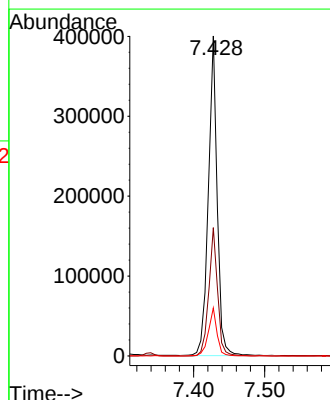
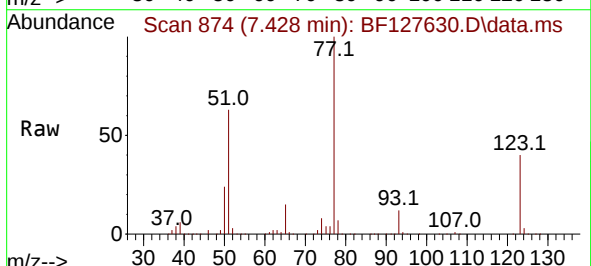
Delta R.T. 0.000 min

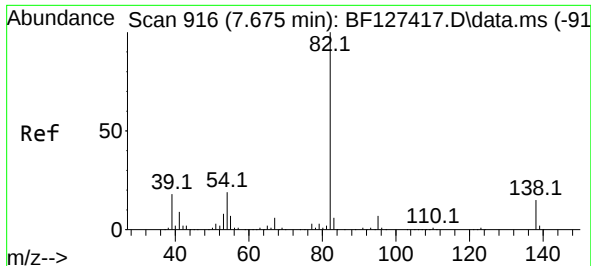
Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Tgt Ion: 77 Resp: 346573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.1  | 32.0  | 48.0  |
| 65  | 15.0  | 12.2  | 18.2  |





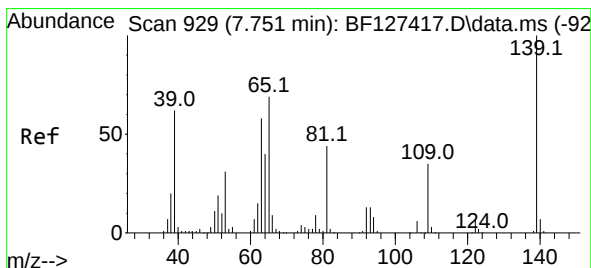
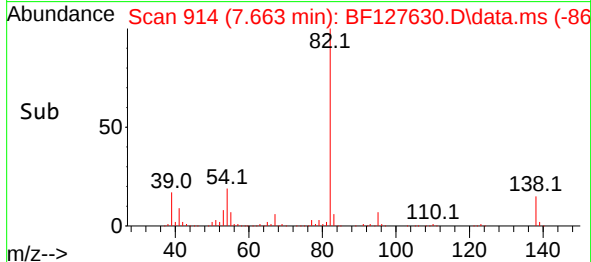
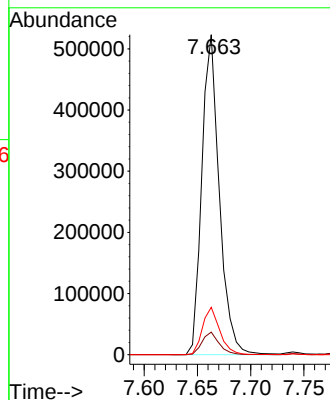
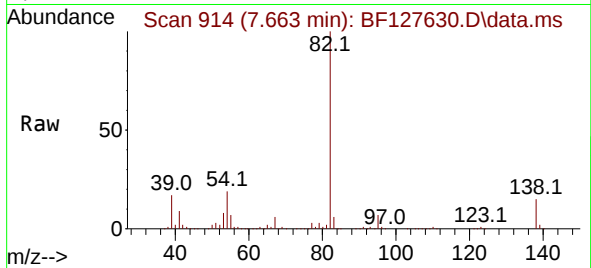
#25  
Isophorone  
Concen: 41.843 ng  
RT: 7.663 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 59955  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.8  
138 14.8 11.6 17.4

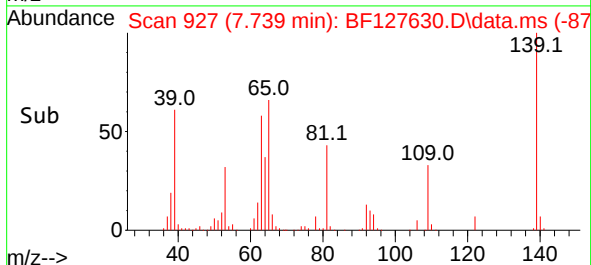
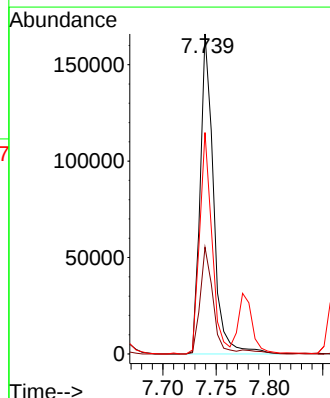
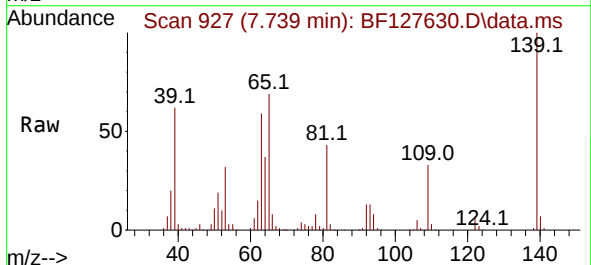
Manual Integrations  
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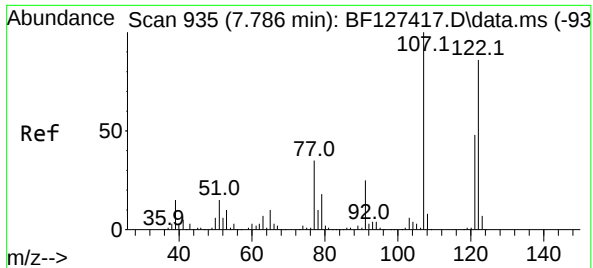
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#26  
2-Nitrophenol  
Concen: 40.244 ng  
RT: 7.739 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion:139 Resp: 144808  
Ion Ratio Lower Upper  
139 100  
109 33.4 28.2 42.2  
65 69.2 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 40.374 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

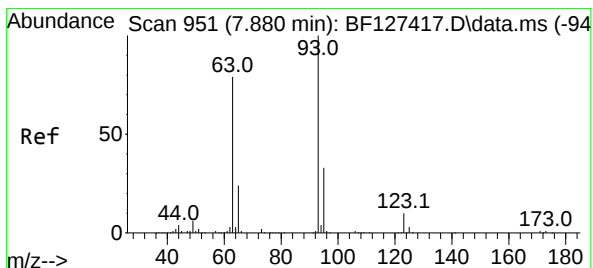
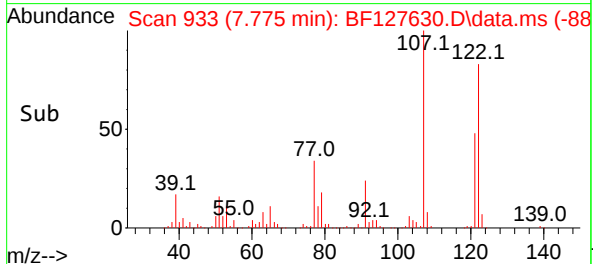
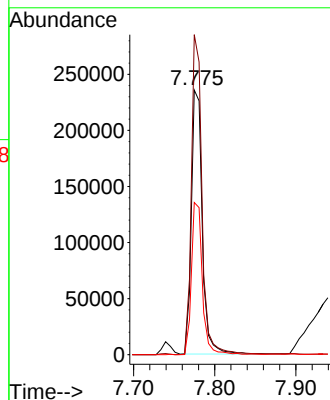
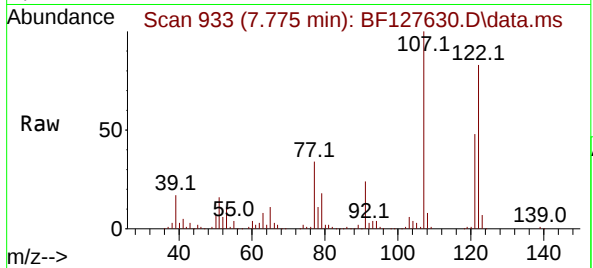
SSTDCCC040

Tgt Ion:122 Resp: 21853  
 Ion Ratio Lower Upper  
 122 100  
 107 120.9 93.0 139.4  
 121 57.5 44.9 67.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/05/2022  
 Supervised By :Jagrut Upadhyay 04/05/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.548 ng

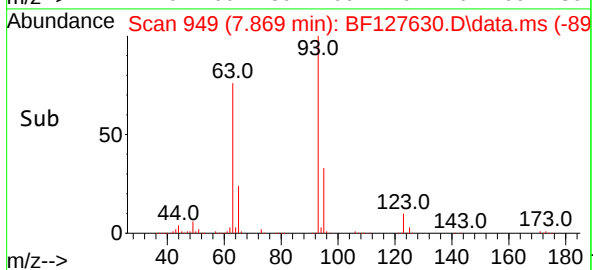
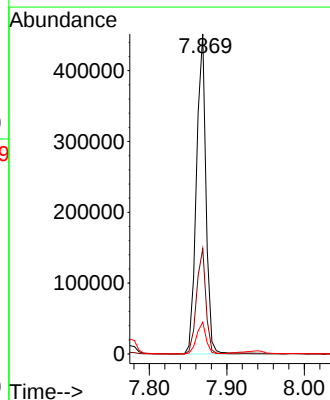
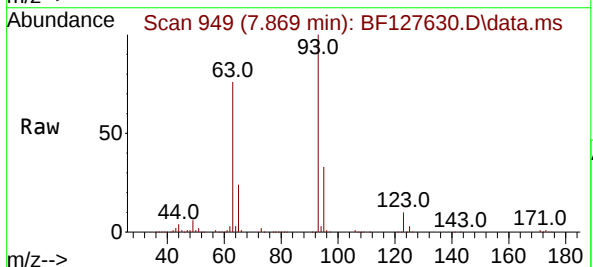
RT: 7.869 min Scan# 949

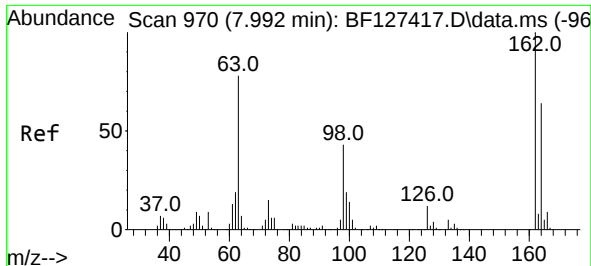
Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Tgt Ion: 93 Resp: 386724  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.3 39.5  
 123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 40.222 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127630.D

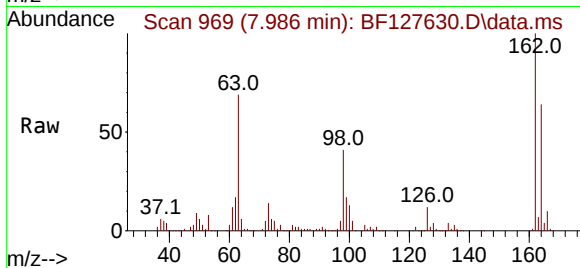
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 247150

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

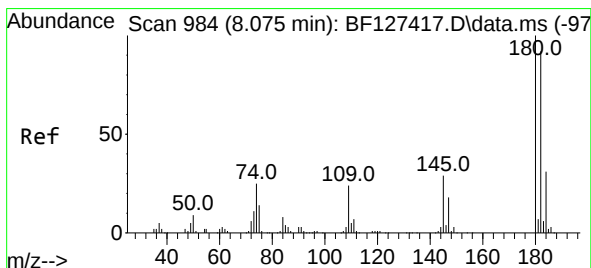
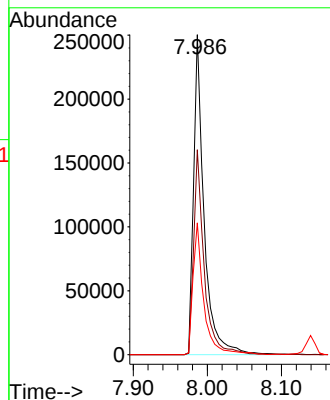
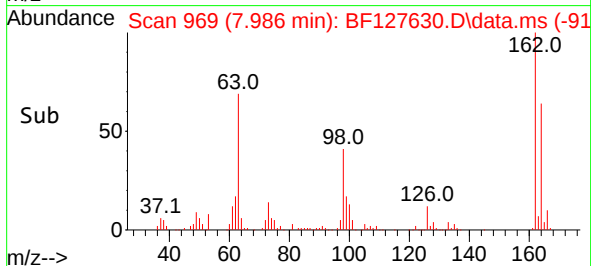
98 41.2 23.5 63.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.773 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

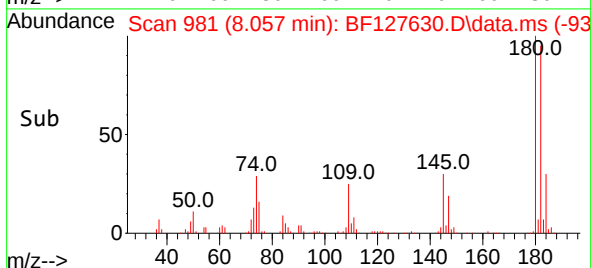
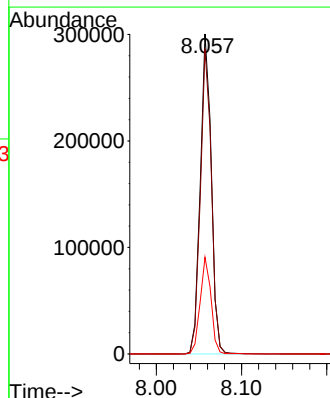
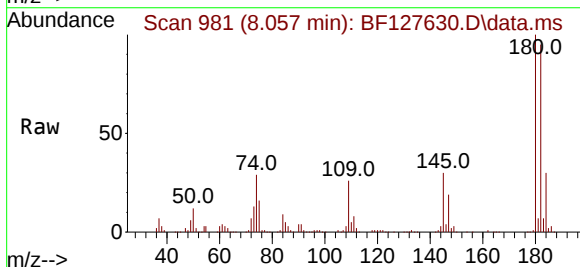
Tgt Ion:180 Resp: 270462

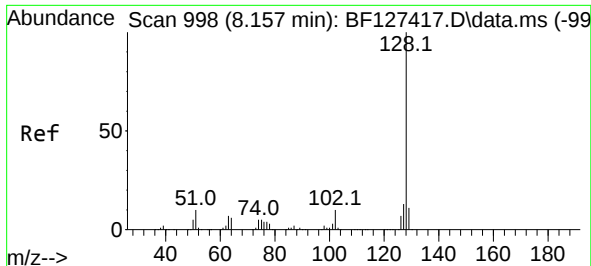
Ion Ratio Lower Upper

180 100

182 95.3 73.8 110.6

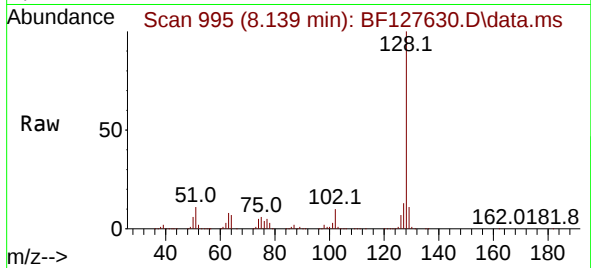
145 30.2 23.3 34.9





#31  
Naphthalene  
Concen: 38.682 ng  
RT: 8.139 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

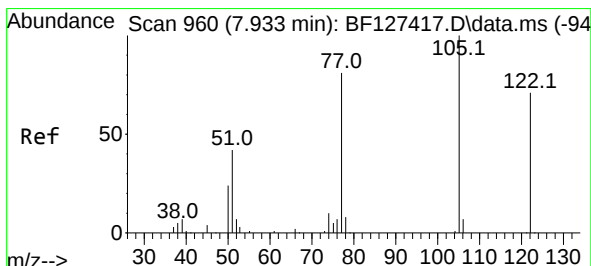
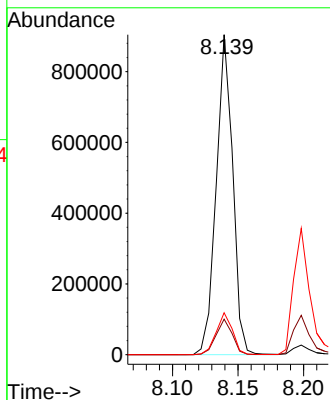
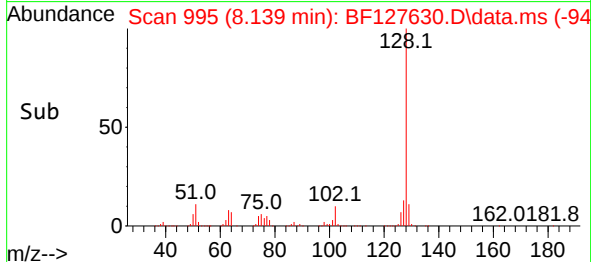
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 78974  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.4 12.6  
127 13.1 10.2 15.2

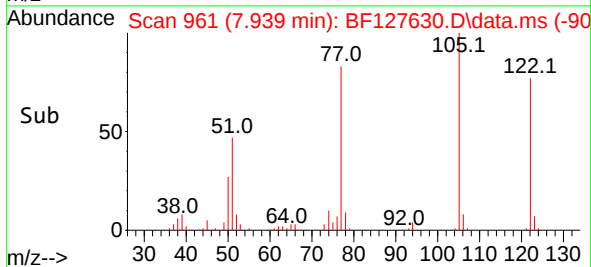
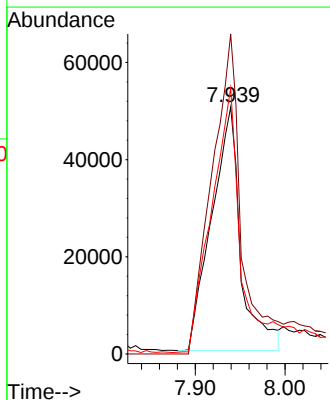
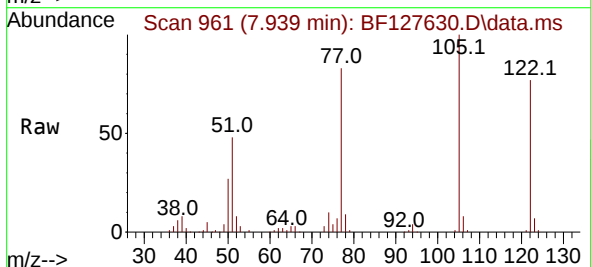
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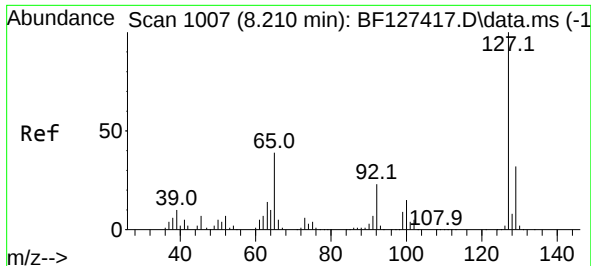
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#32  
Benzoic acid  
Concen: 37.743 ng  
RT: 7.939 min Scan# 961  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion:122 Resp: 112814  
Ion Ratio Lower Upper  
122 100  
105 129.7 117.1 157.1  
77 107.8 93.0 133.0





#33

4-Chloroaniline

Concen: 40.735 ng

RT: 8.198 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 32227

Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 38.1 31.4 47.0

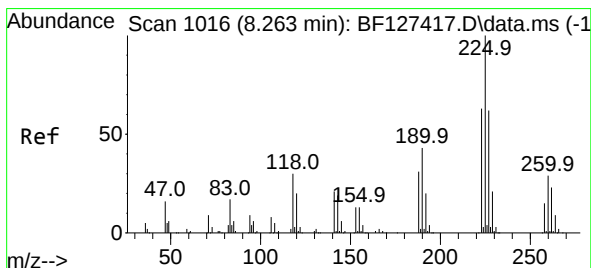
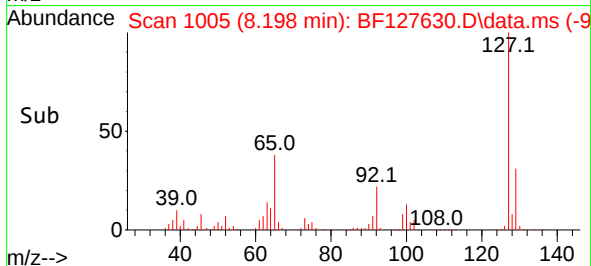
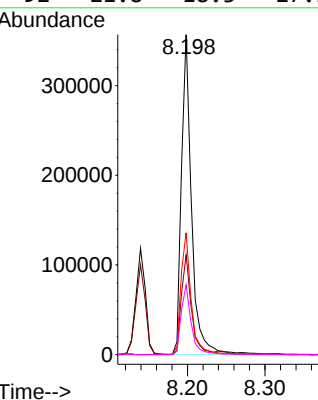
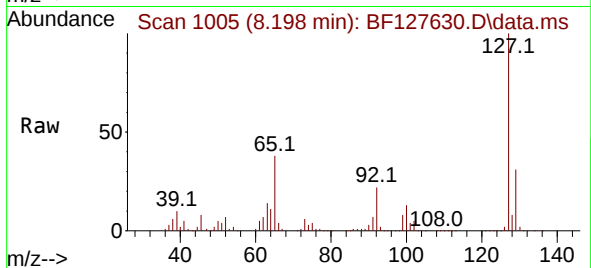
92 21.8 18.3 27.5

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Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#34

Hexachlorobutadiene

Concen: 37.197 ng

RT: 8.245 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

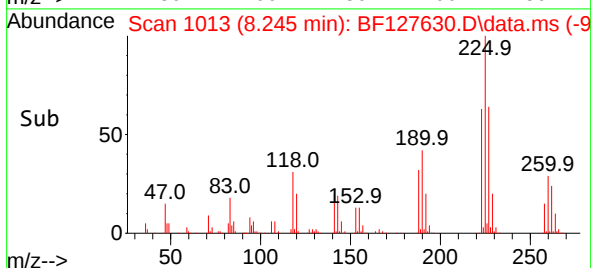
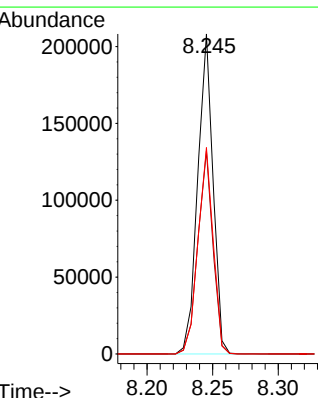
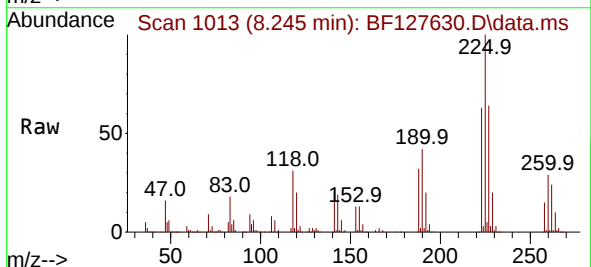
Tgt Ion:225 Resp: 169130

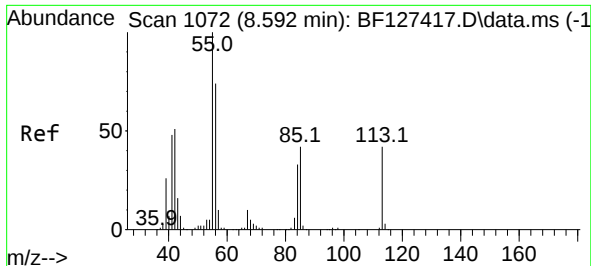
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

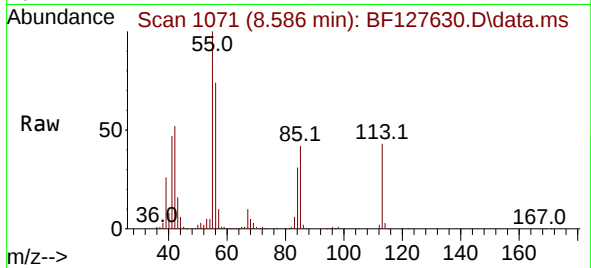
227 64.5 49.6 74.4





#35  
Caprolactam  
Concen: 43.890 ng m  
RT: 8.586 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

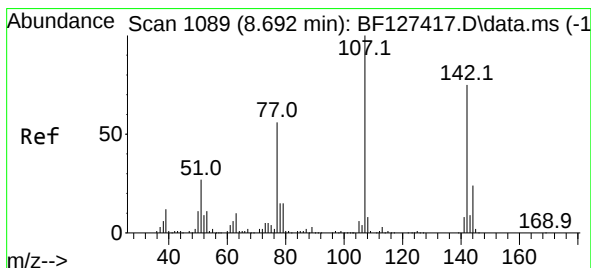
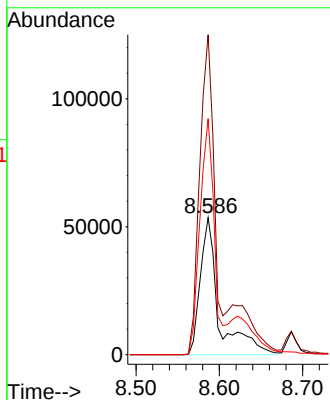
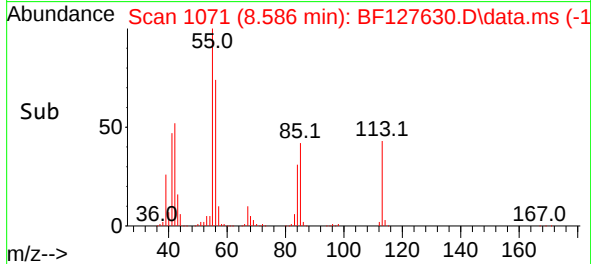
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



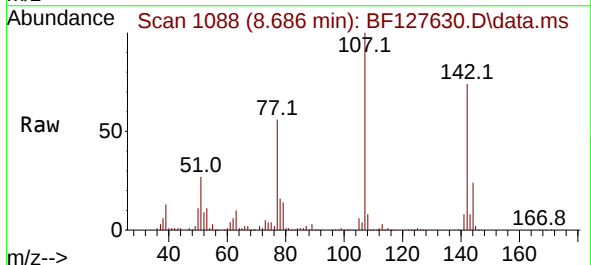
Tgt Ion:113 Resp: 8314  
Ion Ratio Lower Upper  
113 100  
55 233.7 218.7 258.7  
56 172.3 156.2 196.2

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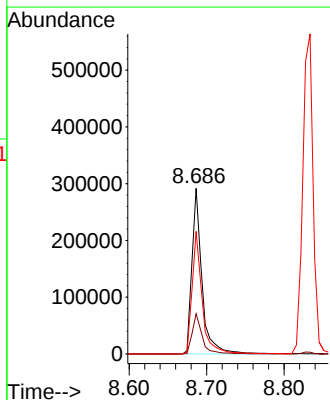
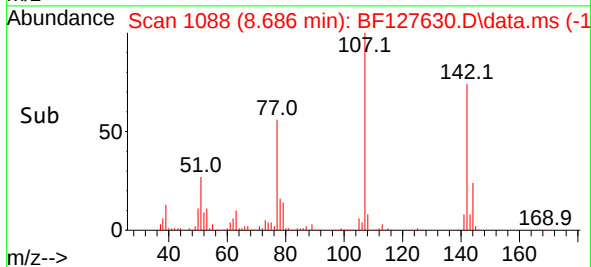
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

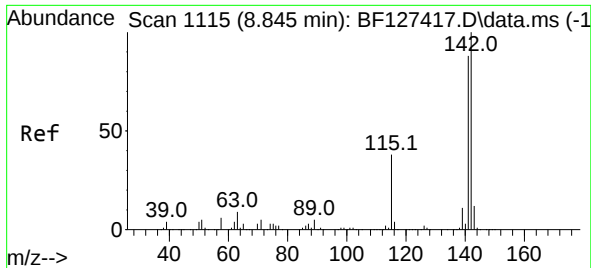


#36  
4-Chloro-3-methylphenol  
Concen: 39.697 ng  
RT: 8.686 min Scan# 1088  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion:107 Resp: 264653  
Ion Ratio Lower Upper  
107 100  
144 24.2 19.3 28.9  
142 74.0 59.8 89.8





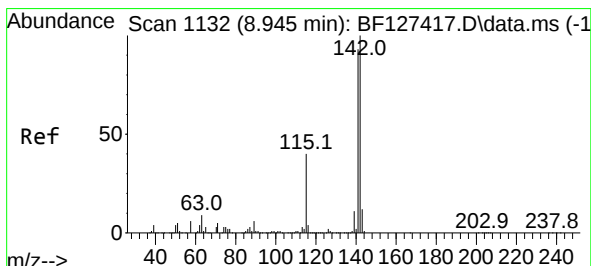
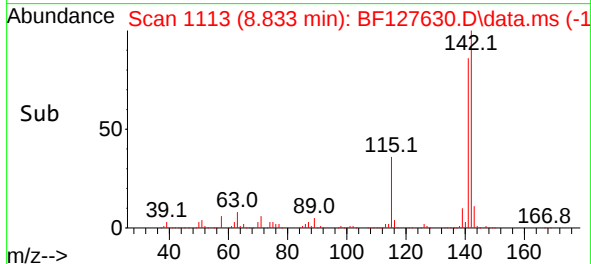
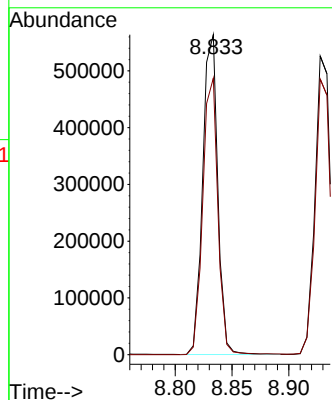
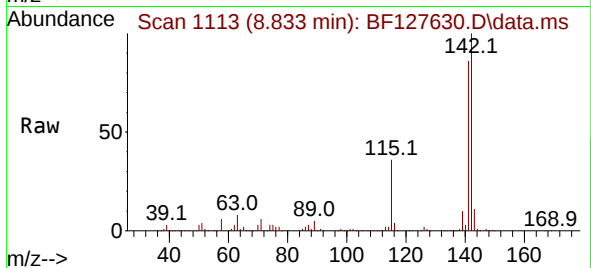
#37  
2-Methylnaphthalene  
Concen: 39.621 ng  
RT: 8.833 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 520149  
Ion Ratio Lower Upper  
142 100  
141 86.4 70.6 106.0

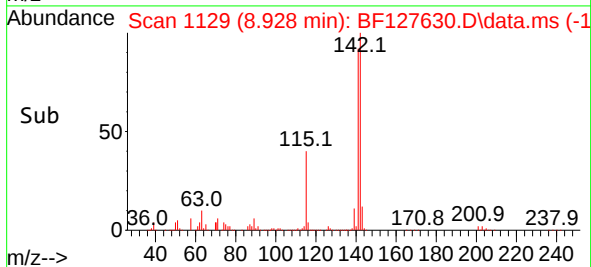
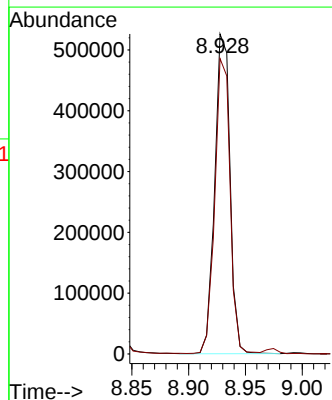
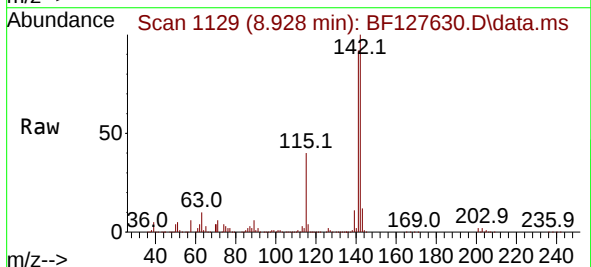
Manual Integrations  
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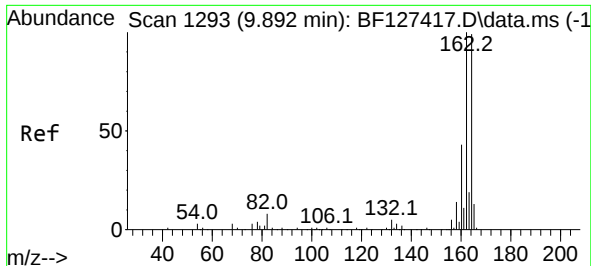
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#38  
1-Methylnaphthalene  
Concen: 37.925 ng  
RT: 8.928 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

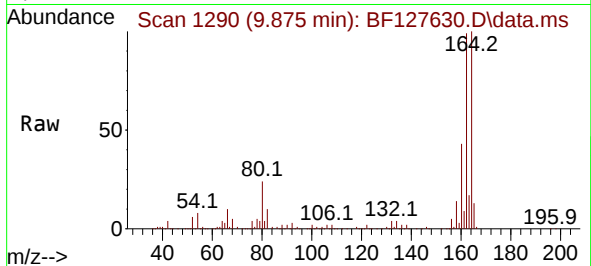
Tgt Ion:142 Resp: 492317  
Ion Ratio Lower Upper  
142 100  
141 92.3 74.2 111.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

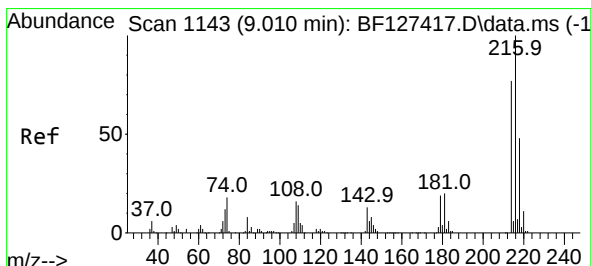
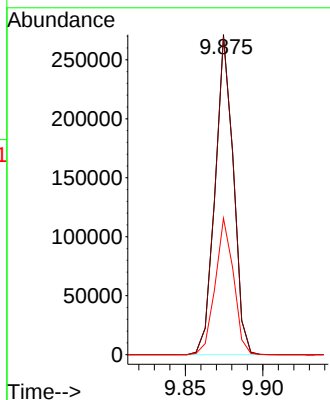
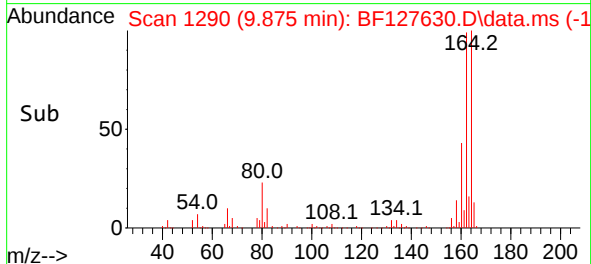
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



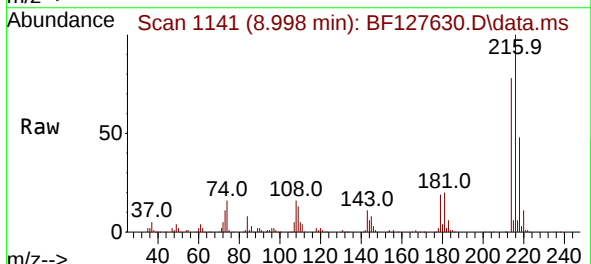
Tgt Ion:164 Resp: 22143  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.2 121.8  
160 42.7 34.6 52.0

Manual Integrations  
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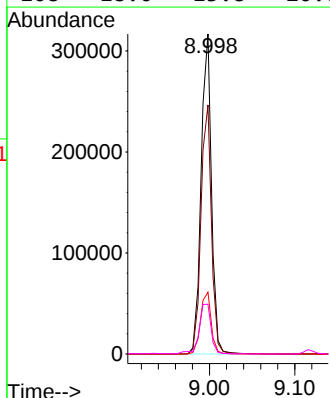
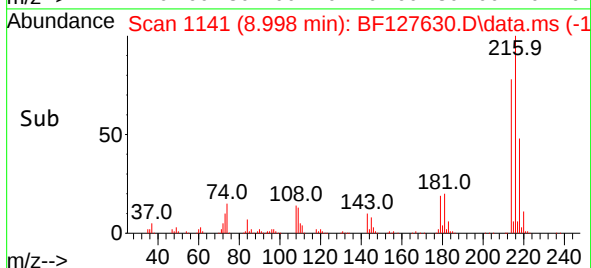
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

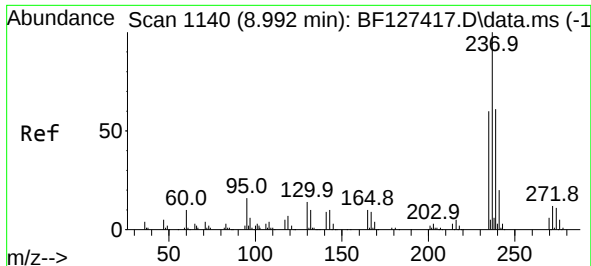


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.922 ng  
RT: 8.998 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



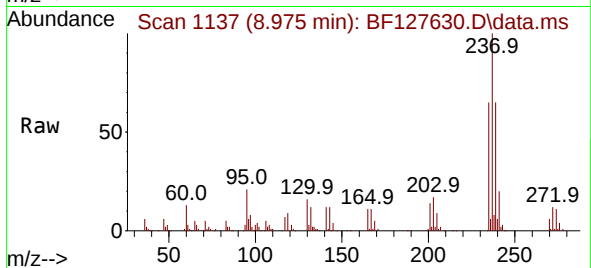
Tgt Ion:216 Resp: 266991  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.0 94.4  
179 19.9 15.5 23.3  
108 18.0 13.8 20.6





#41  
Hexachlorocyclopentadiene  
Concen: 33.694 ng  
RT: 8.975 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

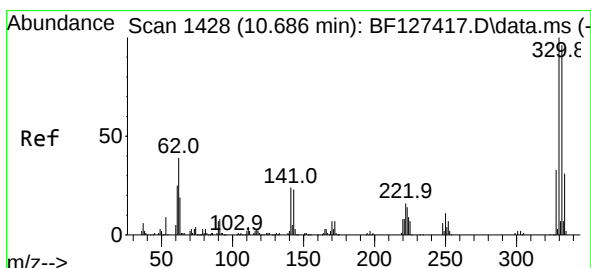
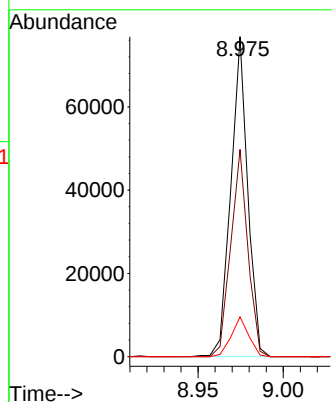
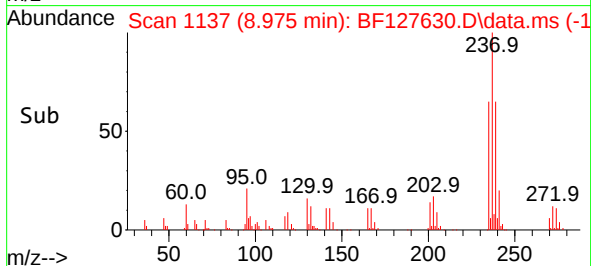
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



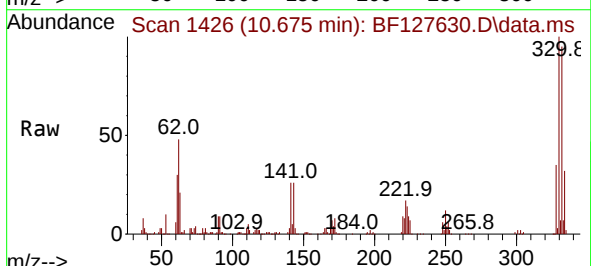
Tgt Ion:237 Resp: 53099  
Ion Ratio Lower Upper  
237 100  
235 64.7 40.4 80.4  
272 12.5 0.0 31.8

Manual Integrations  
APPROVED

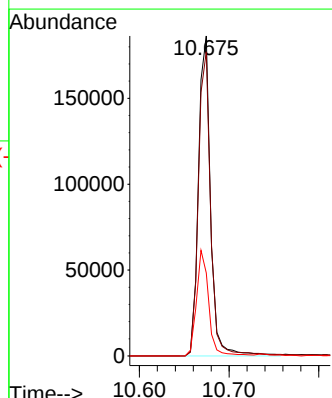
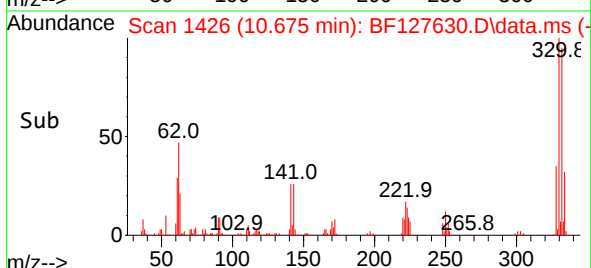
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

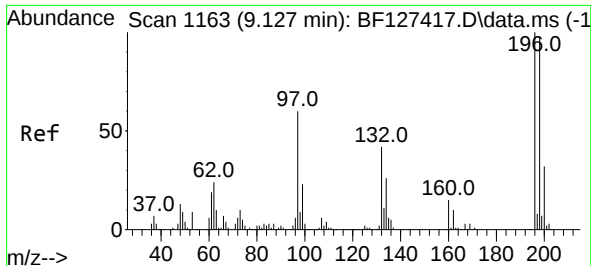


#42  
2,4,6-Tribromophenol  
Concen: 74.260 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



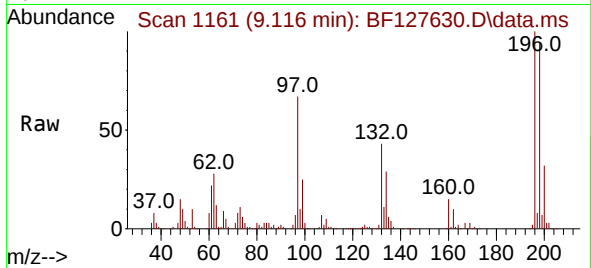
Tgt Ion:330 Resp: 175165  
Ion Ratio Lower Upper  
330 100  
332 96.9 79.1 118.7  
141 33.0 26.2 39.4





#43  
2,4,6-Trichlorophenol  
Concen: 39.322 ng  
RT: 9.116 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

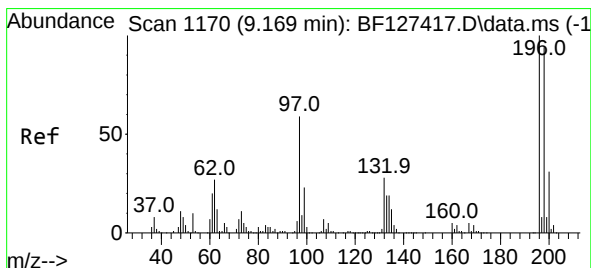
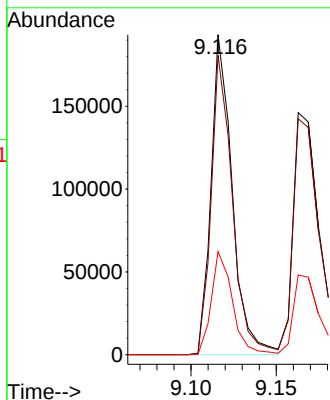
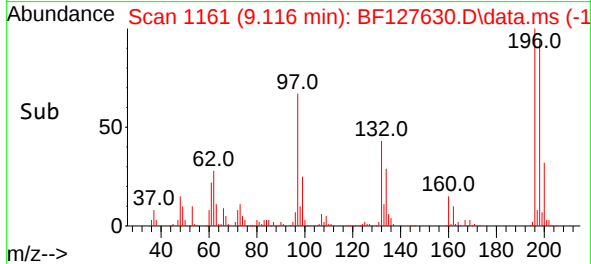
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



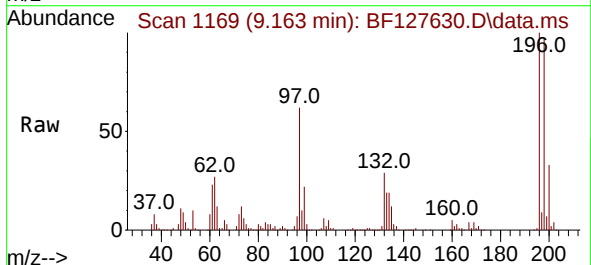
Tgt Ion:196 Resp: 167348  
Ion Ratio Lower Upper  
196 100  
198 93.5 77.8 116.6  
200 32.2 25.9 38.9

Manual Integrations  
APPROVED

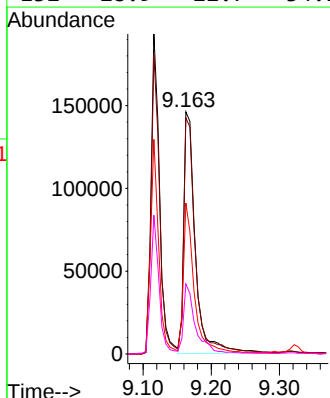
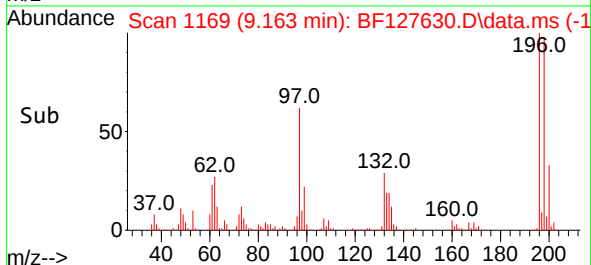
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

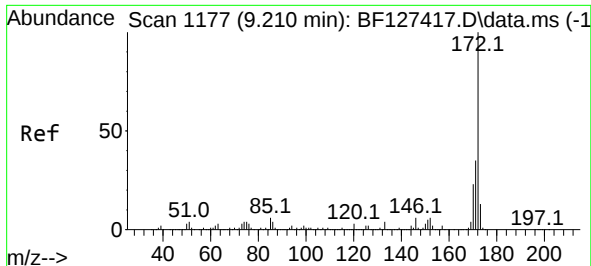


#44  
2,4,5-Trichlorophenol  
Concen: 39.319 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



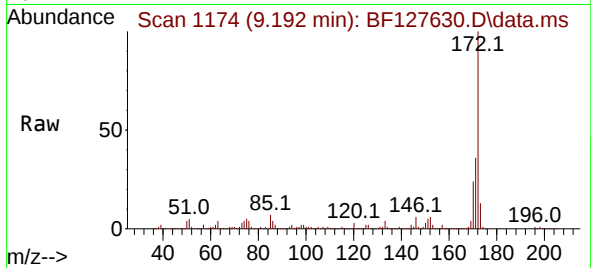
Tgt Ion:196 Resp: 172253  
Ion Ratio Lower Upper  
196 100  
198 97.5 75.3 112.9  
97 62.3 46.8 70.2  
132 28.9 22.7 34.1





#45  
2-Fluorobiphenyl  
Concen: 72.683 ng  
RT: 9.192 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

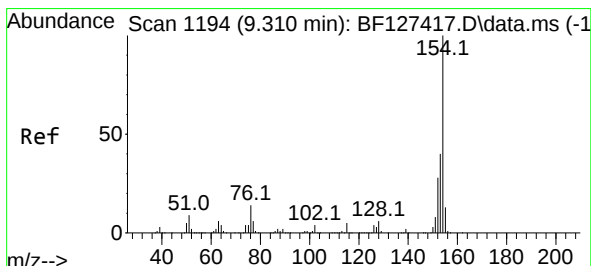
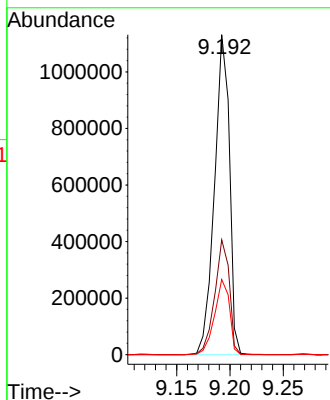
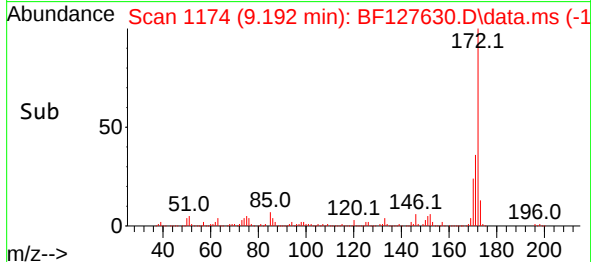
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:172 Resp: 1102170  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.4 42.6  
170 23.5 18.6 27.8

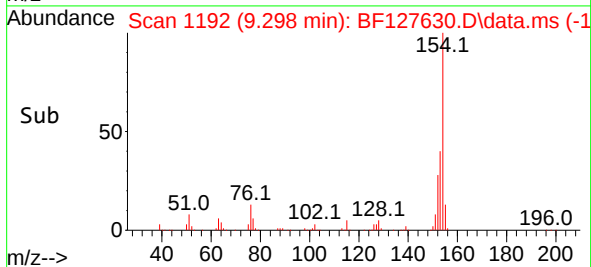
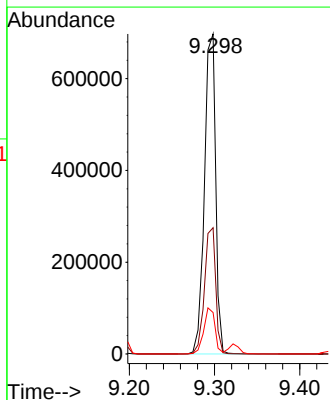
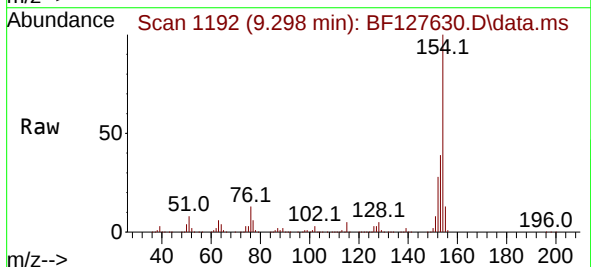
Manual Integrations  
APPROVED

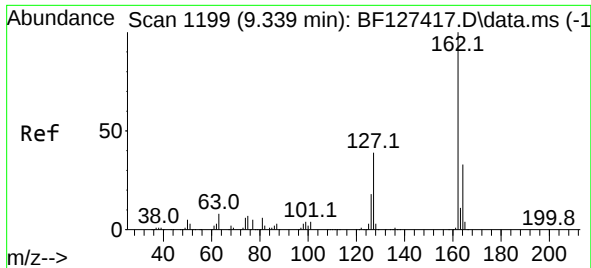
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#46  
1,1'-Biphenyl  
Concen: 38.069 ng  
RT: 9.298 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

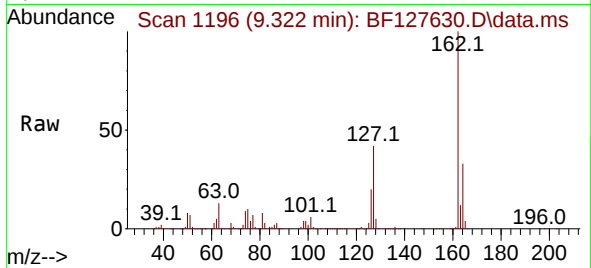
Tgt Ion:154 Resp: 636661  
Ion Ratio Lower Upper  
154 100  
153 39.5 20.3 60.3  
76 13.0 0.0 33.9





#47  
2-Chloronaphthalene  
Concen: 38.209 ng  
RT: 9.322 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

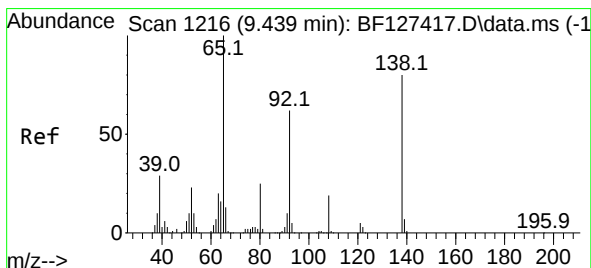
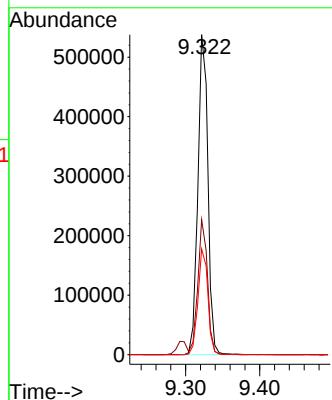
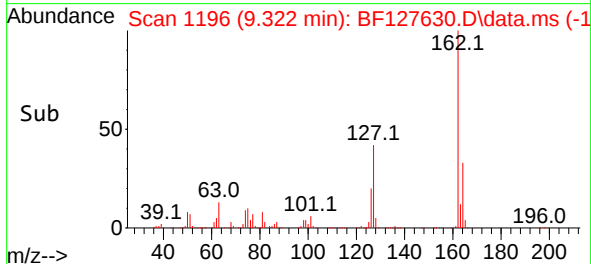
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 50320  
Ion Ratio Lower Upper  
162 100  
127 42.2 31.8 47.6  
164 33.0 26.4 39.6

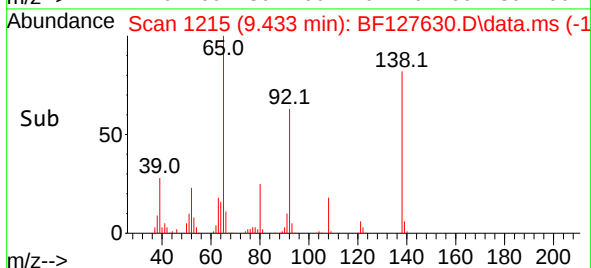
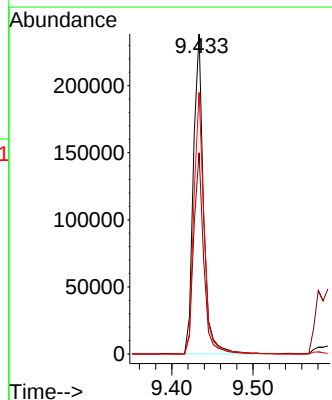
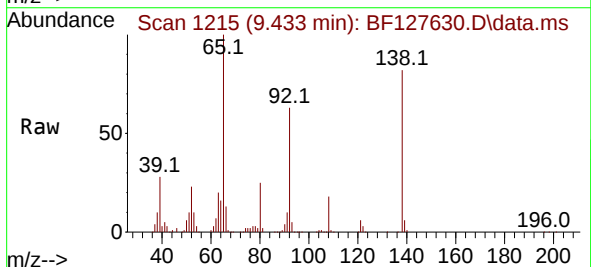
Manual Integrations  
APPROVED

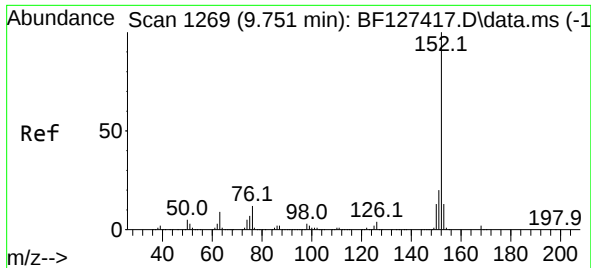
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#48  
2-Nitroaniline  
Concen: 41.322 ng  
RT: 9.433 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

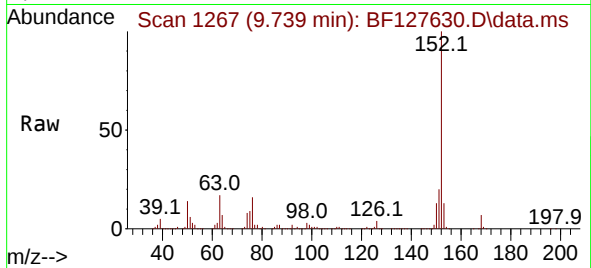
Tgt Ion: 65 Resp: 208565  
Ion Ratio Lower Upper  
65 100  
92 62.9 50.0 75.0  
138 81.8 64.1 96.1





#49  
Acenaphthylene  
Concen: 37.132 ng  
RT: 9.739 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

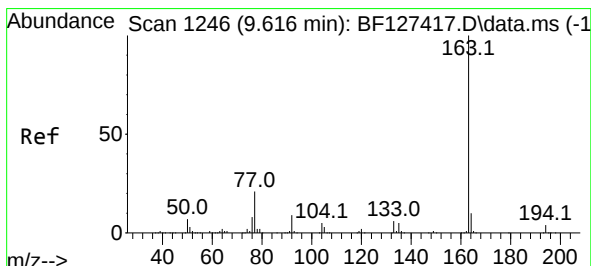
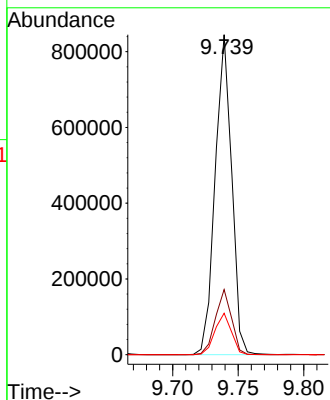
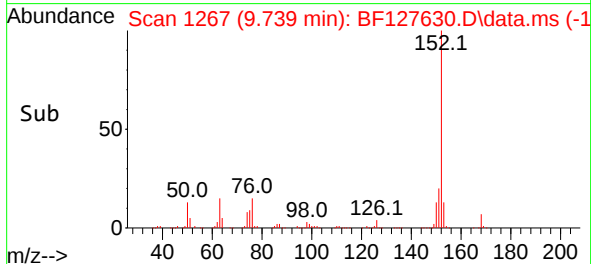
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



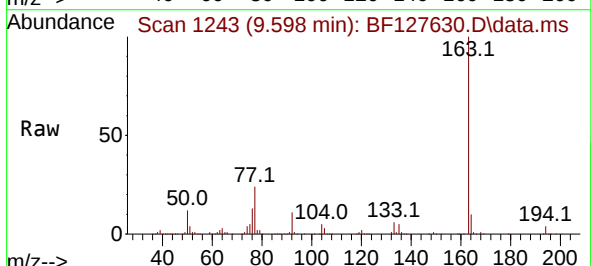
Tgt Ion:152 Resp: 739284  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.8 23.8  
153 13.0 10.5 15.7

Manual Integrations  
APPROVED

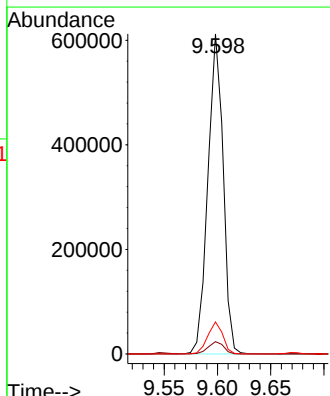
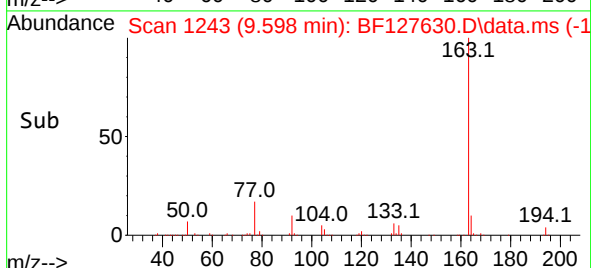
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

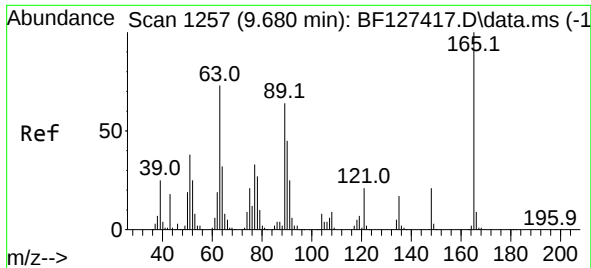


#50  
Dimethylphthalate  
Concen: 39.620 ng  
RT: 9.598 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



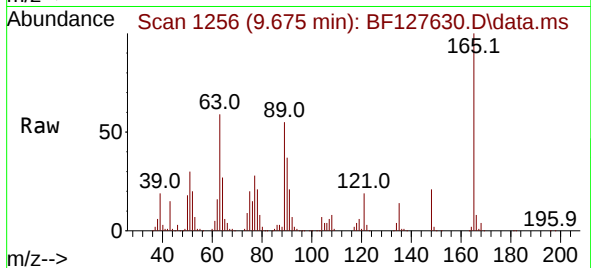
Tgt Ion:163 Resp: 610324  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.0 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 39.545 ng  
RT: 9.675 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

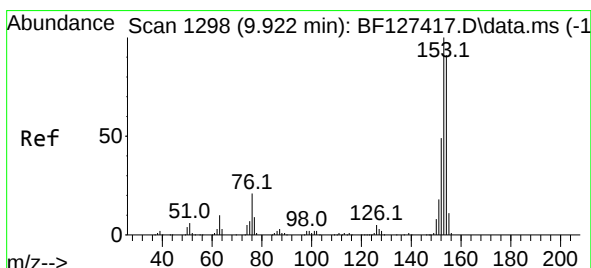
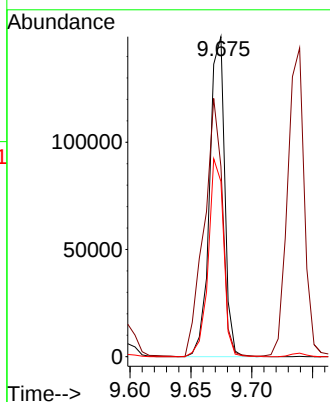
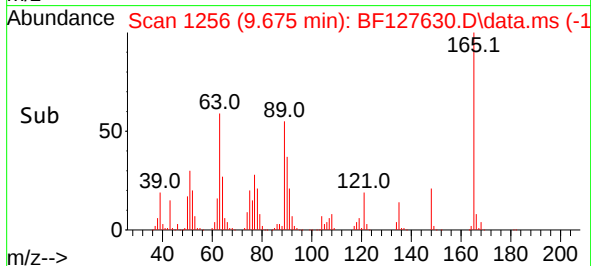
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



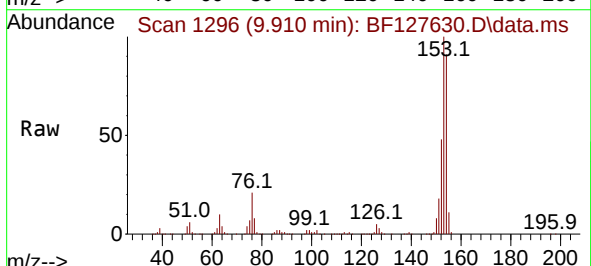
Tgt Ion:165 Resp: 12787  
Ion Ratio Lower Upper  
165 100  
63 59.5 58.3 87.5  
89 54.7 51.5 77.3

Manual Integrations  
APPROVED

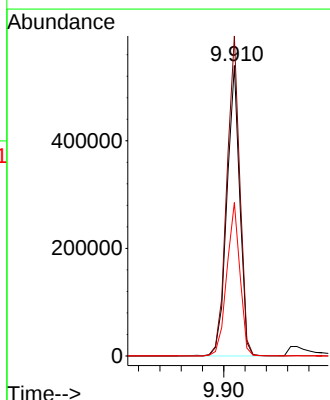
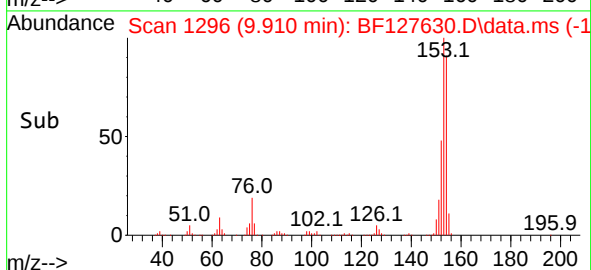
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

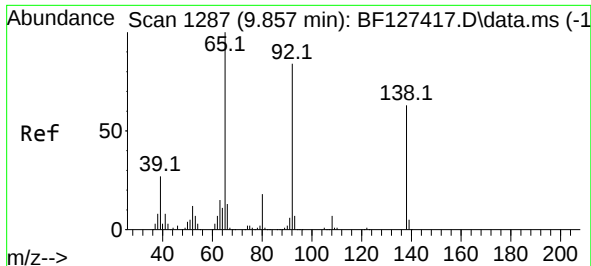


#52  
Acenaphthene  
Concen: 39.005 ng  
RT: 9.910 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion:154 Resp: 453096  
Ion Ratio Lower Upper  
154 100  
153 110.2 87.6 131.4  
152 52.9 42.9 64.3





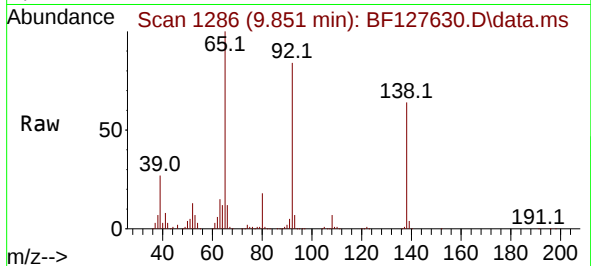
#53  
3-Nitroaniline  
Concen: 41.327 ng  
RT: 9.851 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

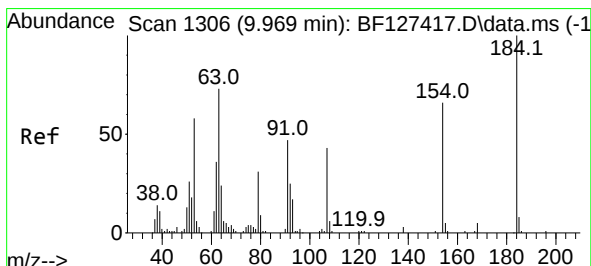
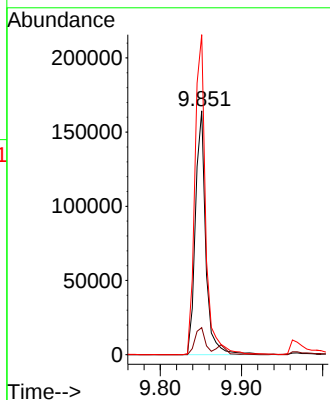
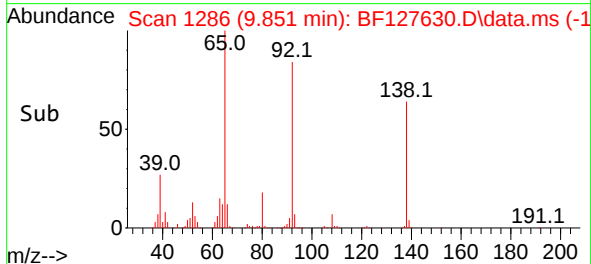


Tgt Ion:138 Resp: 14659  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.4 14.0  
92 131.2 106.1 159.1

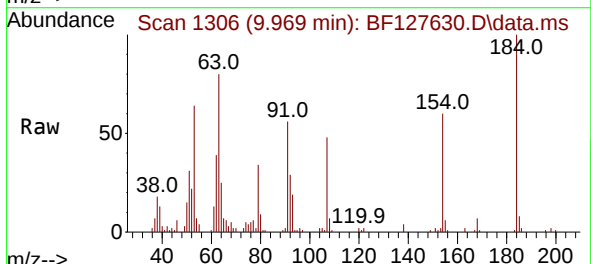
Manual Integrations

APPROVED

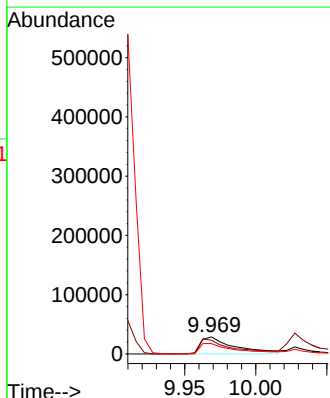
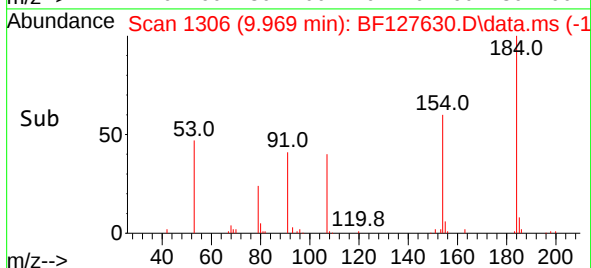
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

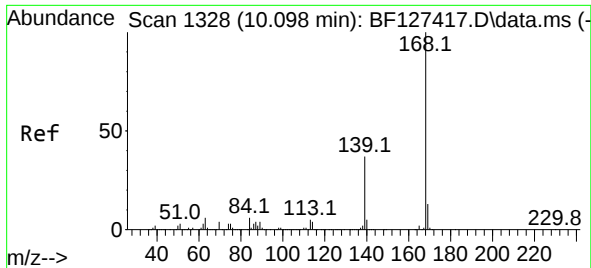


#54  
2,4-Dinitrophenol  
Concen: 34.856 ng  
RT: 9.969 min Scan# 1306  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



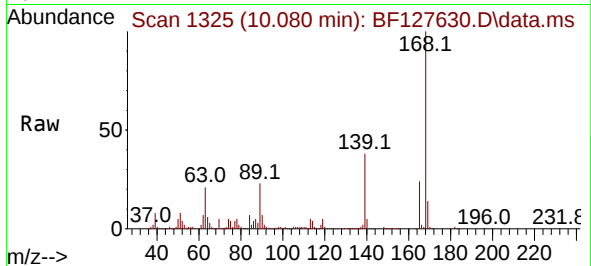
Tgt Ion:184 Resp: 47894  
Ion Ratio Lower Upper  
184 100  
63 80.3 58.1 87.1  
154 60.4 53.2 79.8





#55  
Dibenzenofuran  
Concen: 39.579 ng  
RT: 10.080 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

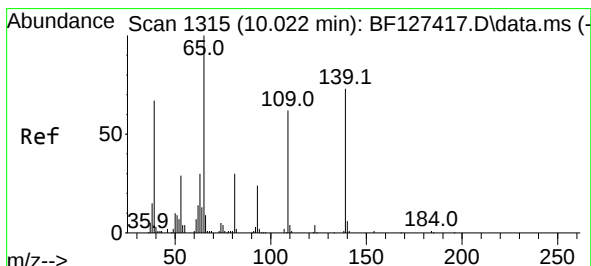
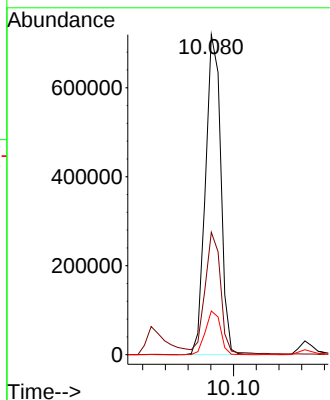
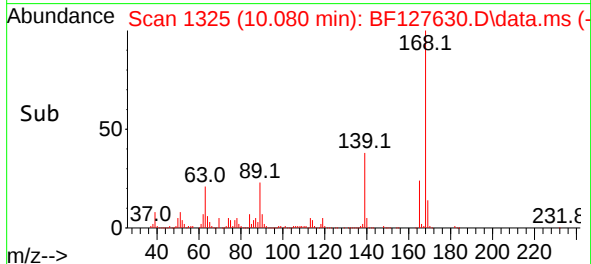
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 670079  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.3 45.5  
169 13.6 10.8 16.2

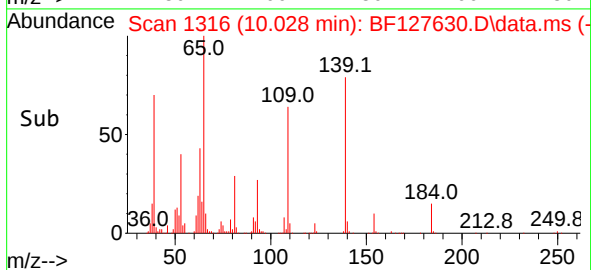
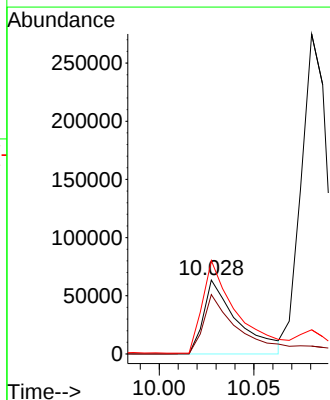
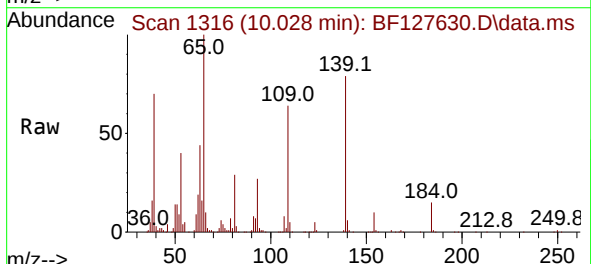
Manual Integrations  
APPROVED

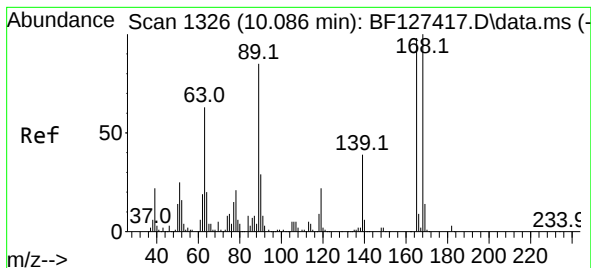
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#56  
4-Nitrophenol  
Concen: 44.342 ng  
RT: 10.028 min Scan# 1316  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

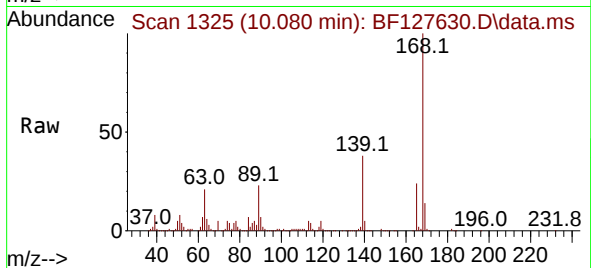
Tgt Ion:139 Resp: 80052  
Ion Ratio Lower Upper  
139 100  
109 80.4 64.3 104.3  
65 126.4 117.5 157.5





#57  
2,4-Dinitrotoluene  
Concen: 37.268 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

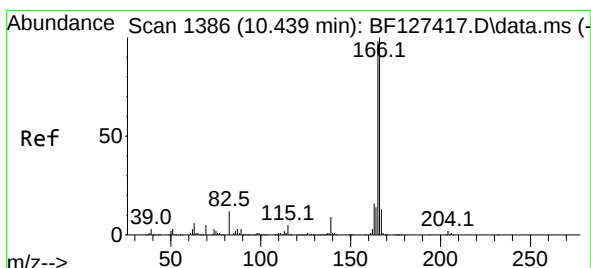
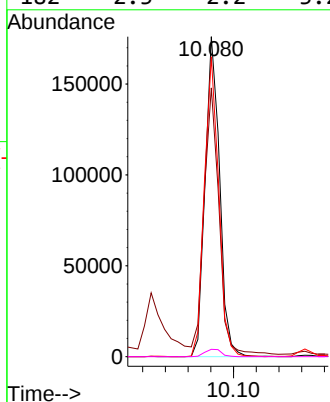
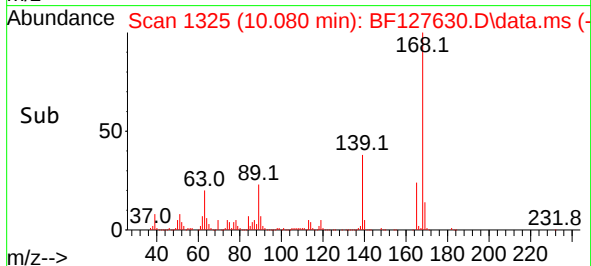
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



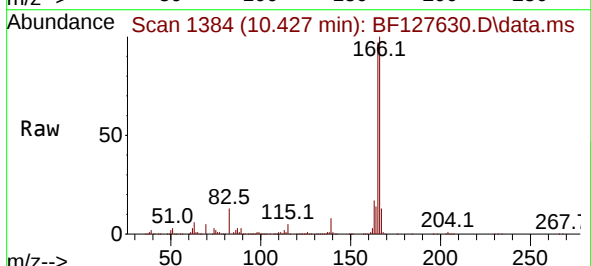
Tgt Ion:165 Resp: 15511  
Ion Ratio Lower Upper  
165 100  
63 84.0 53.1 79.7  
89 93.7 69.2 103.8  
182 2.3 2.2 3.2

Manual Integrations  
APPROVED

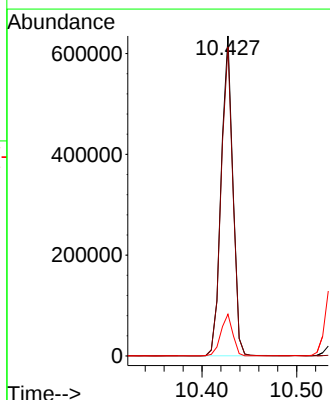
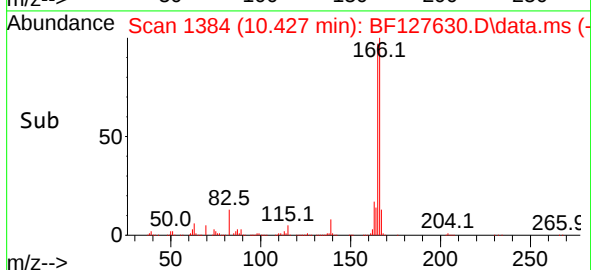
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

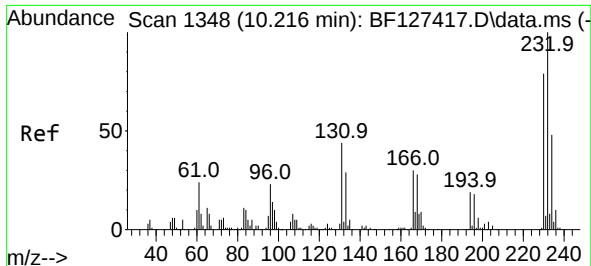


#58  
Fluorene  
Concen: 40.168 ng  
RT: 10.427 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



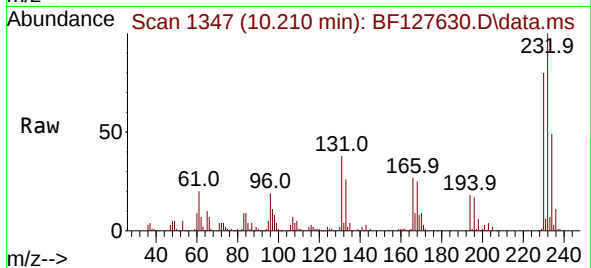
Tgt Ion:166 Resp: 544053  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.1 117.1  
167 13.0 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.234 ng  
RT: 10.210 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

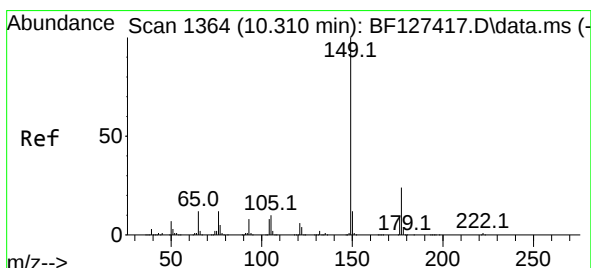
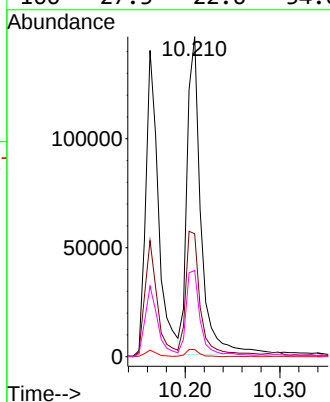
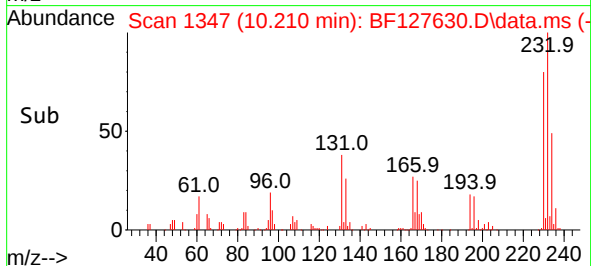
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



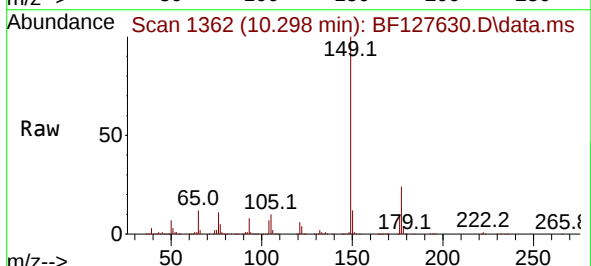
Tgt Ion:232 Resp: 148089  
Ion Ratio Lower Upper  
232 100  
131 42.0 33.4 50.0  
130 2.3 1.8 2.6  
166 27.3 22.6 34.0

Manual Integrations  
APPROVED

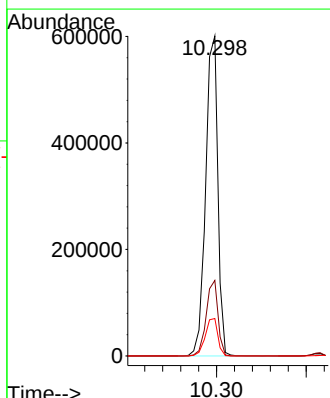
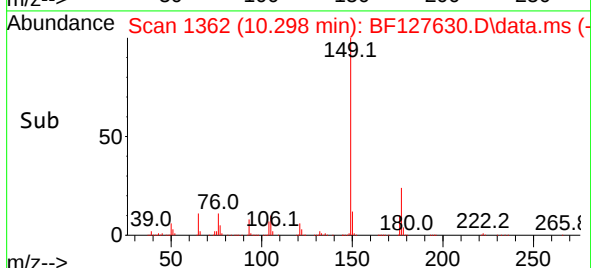
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

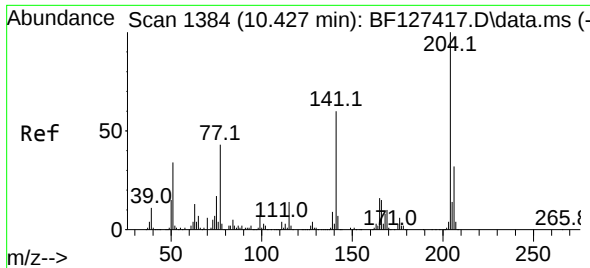


#60  
Diethylphthalate  
Concen: 40.229 ng  
RT: 10.298 min Scan# 1362  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



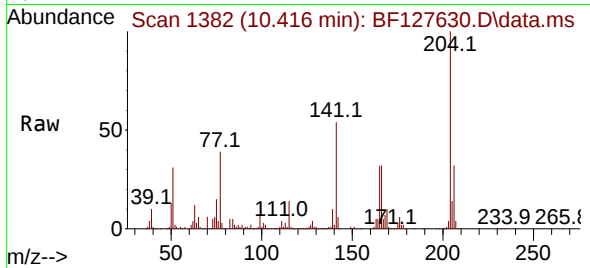
Tgt Ion:149 Resp: 566028  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.9 28.3  
150 11.7 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 37.252 ng  
RT: 10.416 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

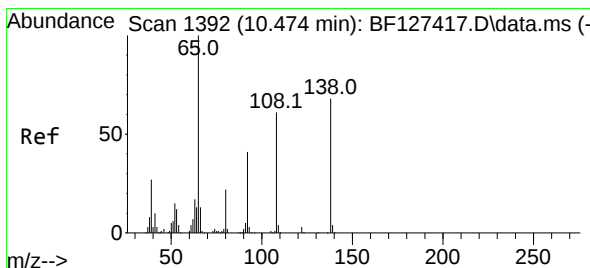
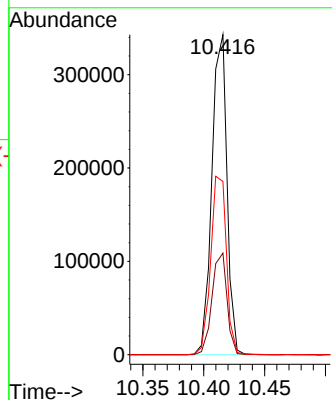
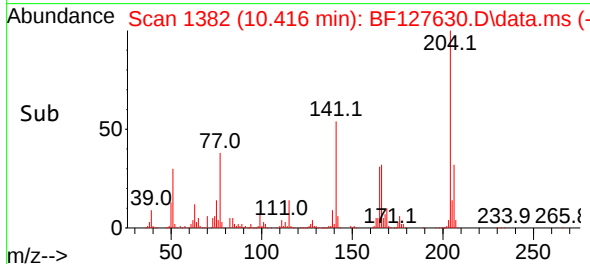
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



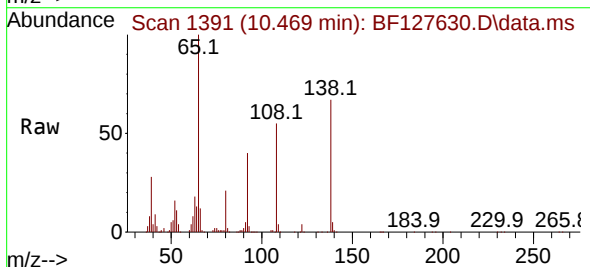
Tgt Ion:204 Resp: 29658  
Ion Ratio Lower Upper  
204 100  
206 31.8 25.9 38.9  
141 54.2 47.8 71.8

Manual Integrations  
APPROVED

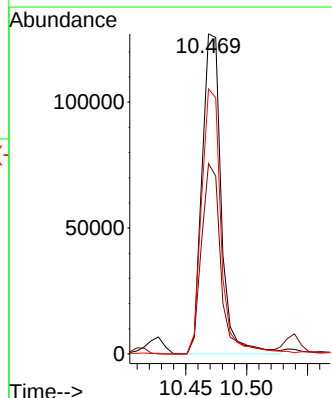
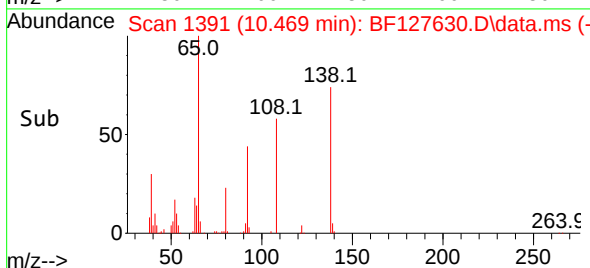
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

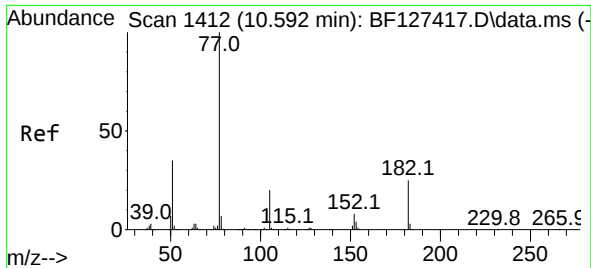


#62  
4-Nitroaniline  
Concen: 42.188 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



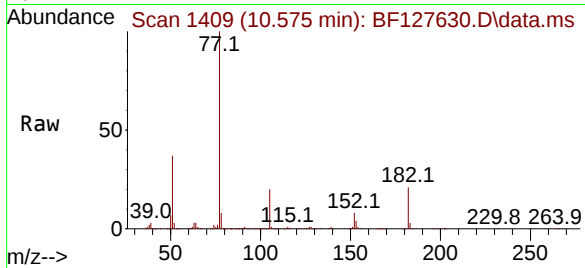
Tgt Ion:138 Resp: 140169  
Ion Ratio Lower Upper  
138 100  
92 59.5 40.5 80.5  
108 82.8 69.2 109.2





#63  
Azobenzene  
Concen: 40.186 ng  
RT: 10.575 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

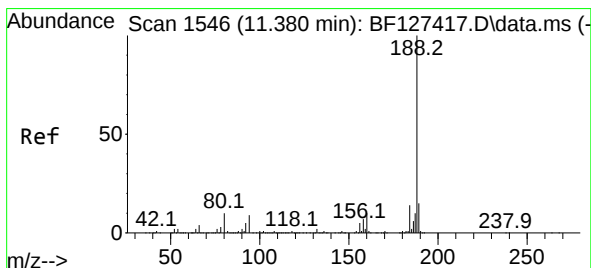
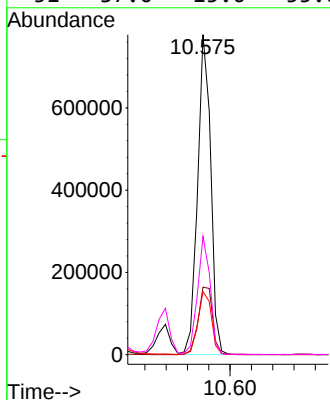
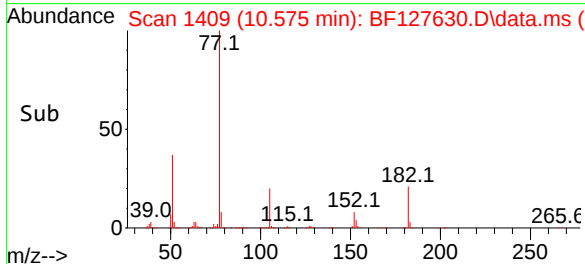
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



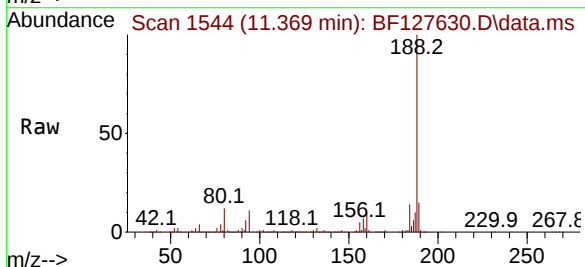
Tgt Ion: 77 Resp: 667160  
Ion Ratio Lower Upper  
77 100  
182 21.1 4.5 44.5  
105 19.7 0.3 40.3  
51 37.0 15.0 55.0

Manual Integrations  
APPROVED

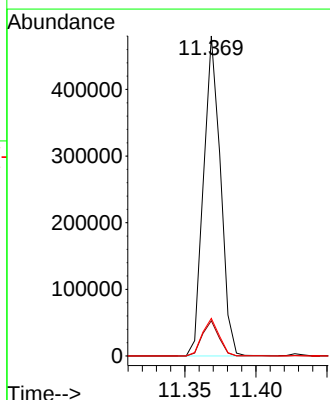
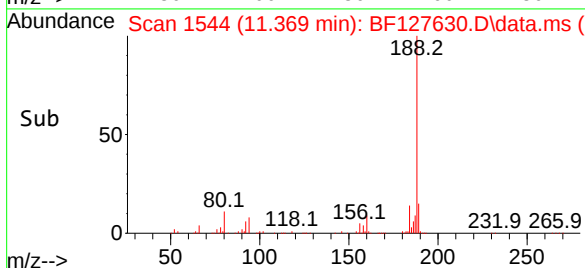
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

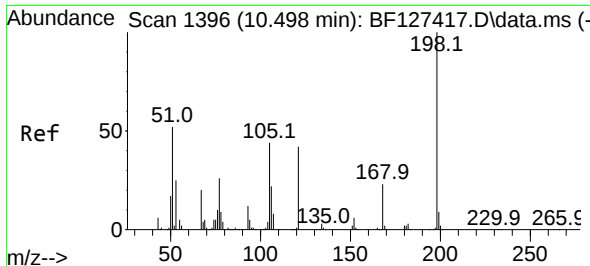


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1544  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



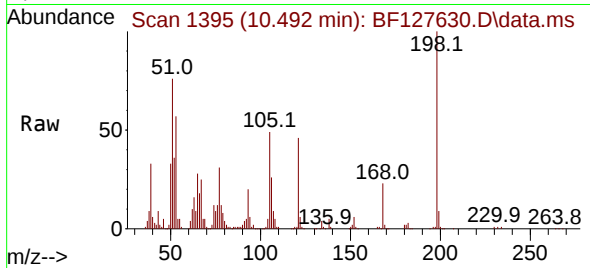
Tgt Ion:188 Resp: 399715  
Ion Ratio Lower Upper  
188 100  
94 11.0 7.4 11.0  
80 11.7 8.0 12.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.860 ng  
RT: 10.492 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

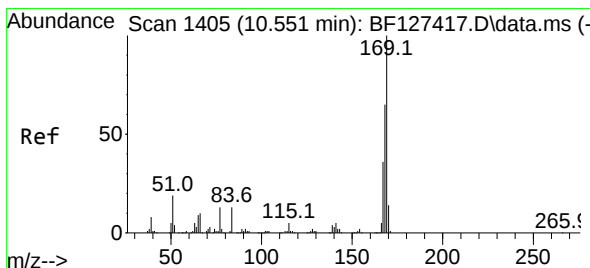
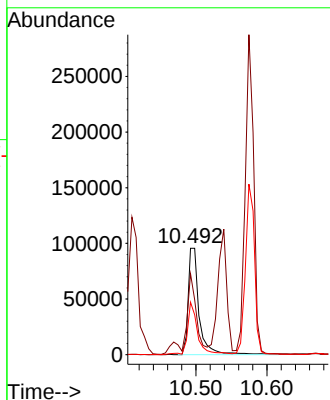
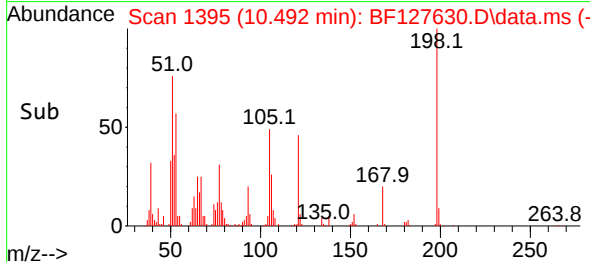
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 102950  
Ion Ratio Lower Upper  
198 100  
51 76.0 42.7 82.7  
105 49.2 25.4 65.4

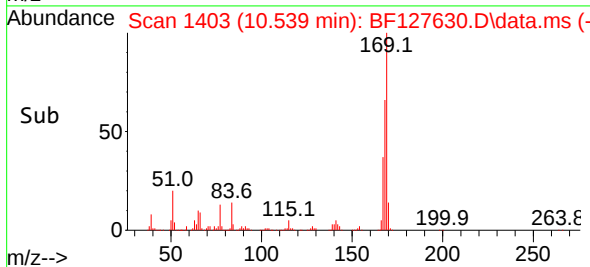
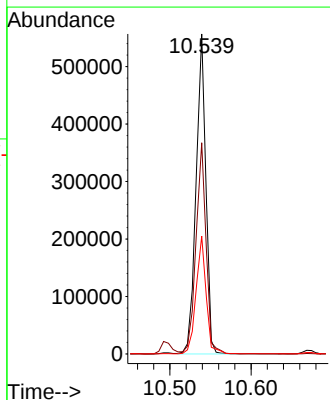
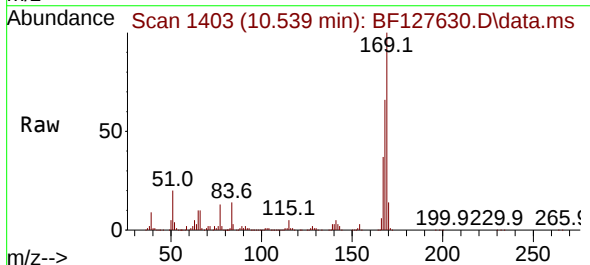
Manual Integrations  
APPROVED

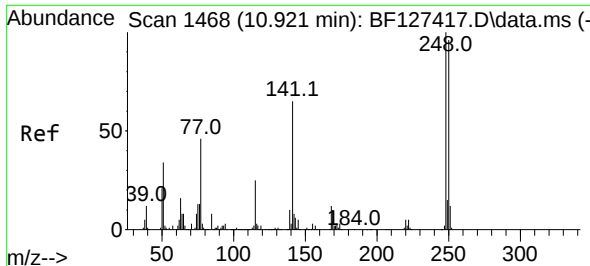
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#66  
n-Nitrosodiphenylamine  
Concen: 38.667 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

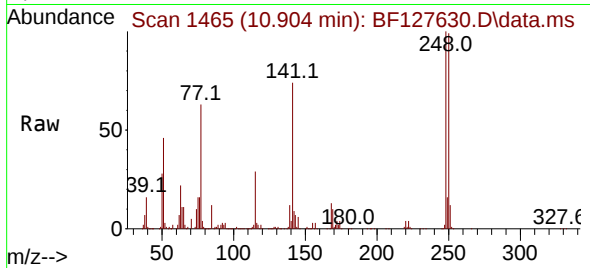
Tgt Ion:169 Resp: 470480  
Ion Ratio Lower Upper  
169 100  
168 66.0 52.7 79.1  
167 36.9 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 38.427 ng  
RT: 10.904 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

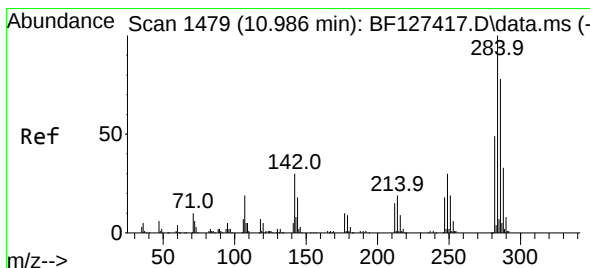
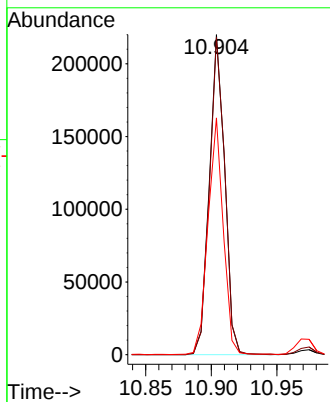
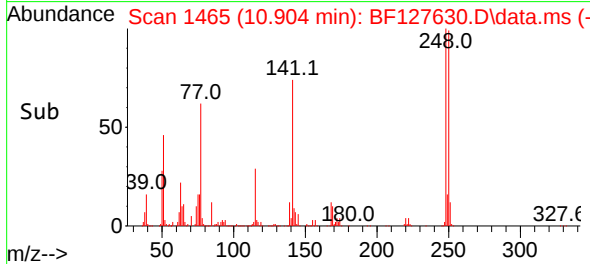
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:248 Resp: 179328  
Ion Ratio Lower Upper  
248 100  
250 99.1 76.6 115.0  
141 74.0 52.2 78.2

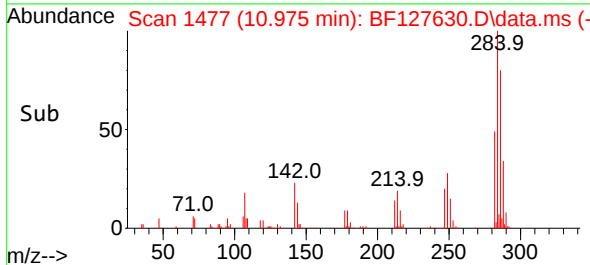
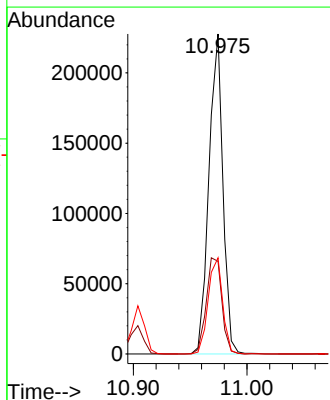
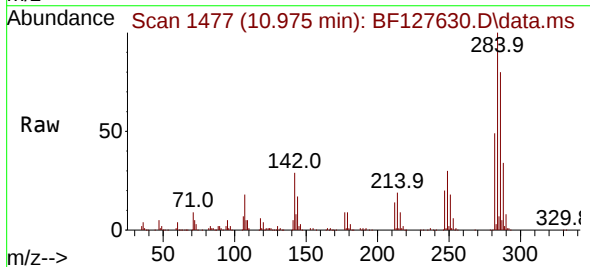
Manual Integrations  
APPROVED

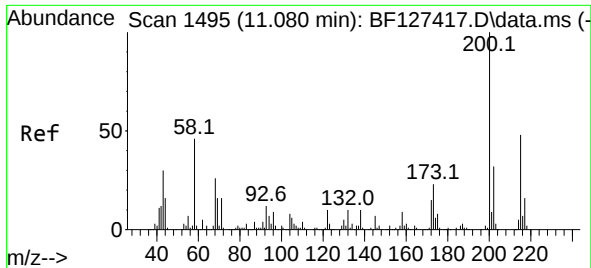
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#68  
Hexachlorobenzene  
Concen: 38.128 ng  
RT: 10.975 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

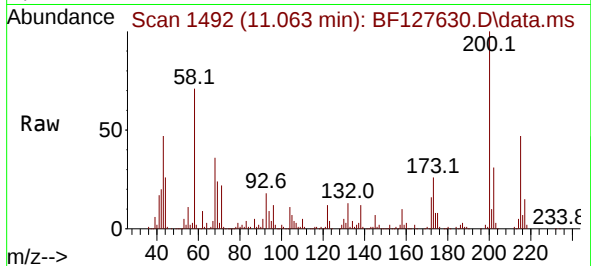
Tgt Ion:284 Resp: 194225  
Ion Ratio Lower Upper  
284 100  
142 28.9 23.8 35.8  
249 30.1 23.9 35.9





#69  
 Atrazine  
 Concen: 39.176 ng  
 RT: 11.063 min Scan# 1495  
 Delta R.T. 0.000 min  
 Lab File: BF127630.D  
 Acq: 04 Apr 2022 10:48

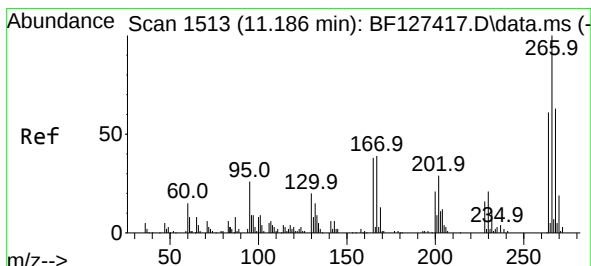
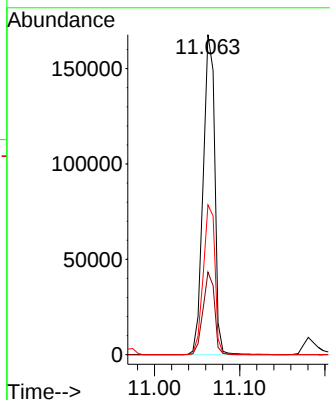
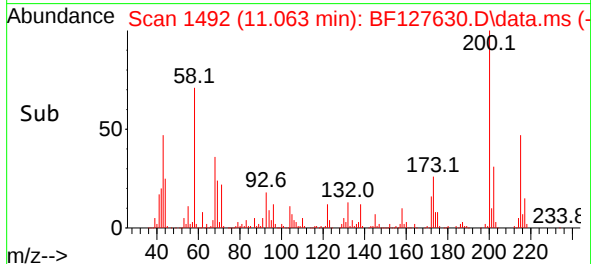
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



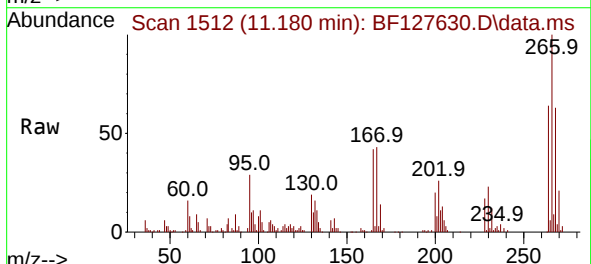
Tgt Ion:200 Resp: 158690  
 Ion Ratio Lower Upper  
 200 100  
 173 25.8 2.9 42.9  
 215 46.8 28.0 68.0

Manual Integrations  
 APPROVED

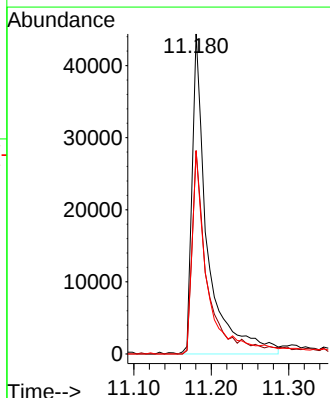
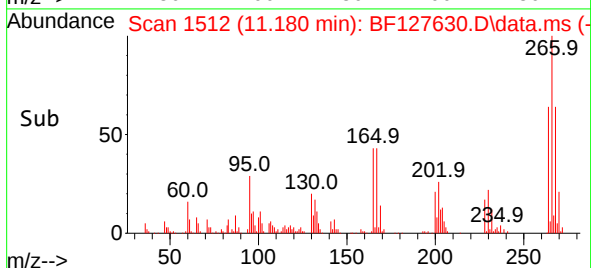
Reviewed By :Christian Giraldo 04/05/2022  
 Supervised By :Jagrut Upadhyay 04/05/2022

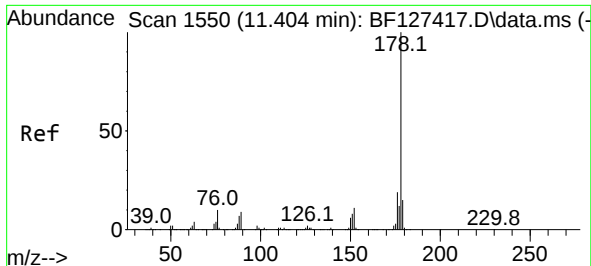


#70  
 Pentachlorophenol  
 Concen: 35.071 ng  
 RT: 11.180 min Scan# 1512  
 Delta R.T. 0.006 min  
 Lab File: BF127630.D  
 Acq: 04 Apr 2022 10:48



Tgt Ion:266 Resp: 60845  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.4 75.6  
 264 63.5 48.5 72.7





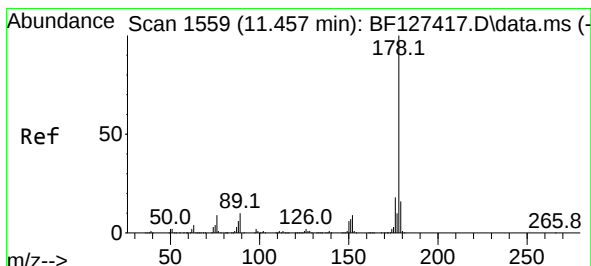
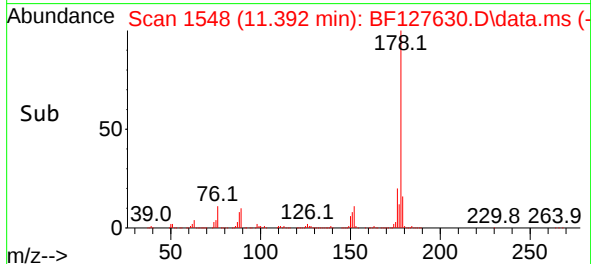
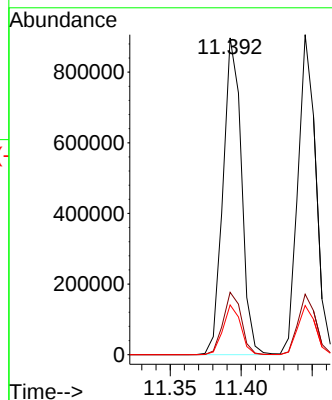
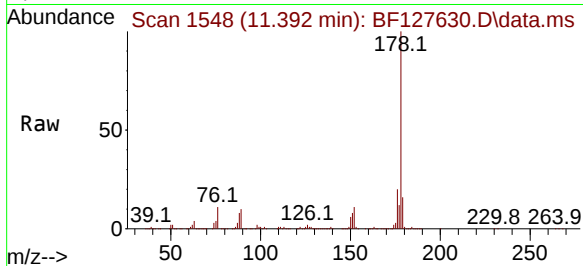
#71  
Phenanthrene  
Concen: 38.803 ng  
RT: 11.392 min Scan# 1548  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 808600  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.2  
179 15.7 12.4 18.6

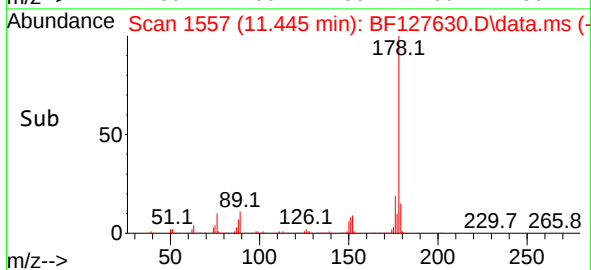
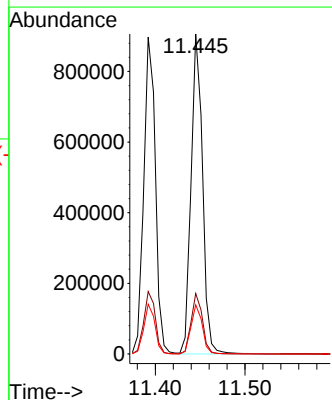
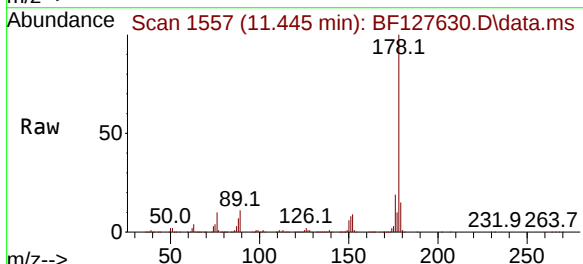
Manual Integrations  
APPROVED

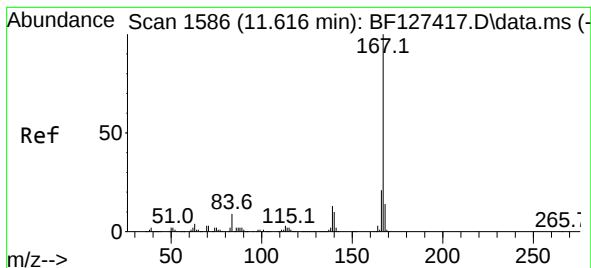
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#72  
Anthracene  
Concen: 38.881 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion:178 Resp: 804053  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.6 22.0  
179 15.4 12.4 18.6





#73

Carbazole

Concen: 39.649 ng

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

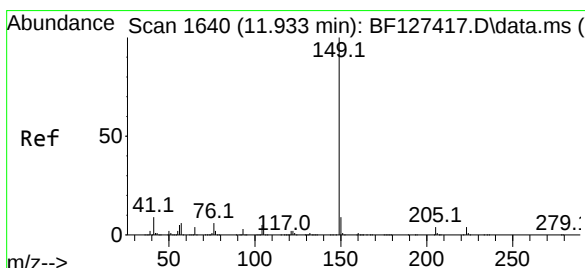
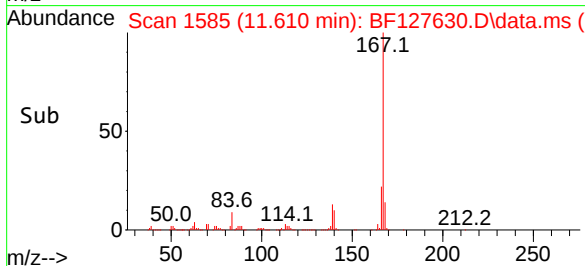
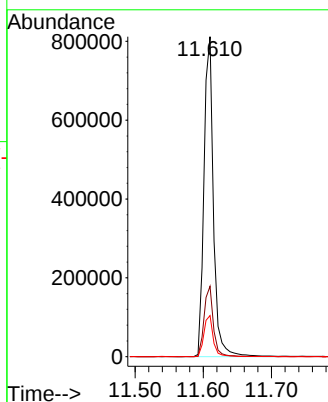
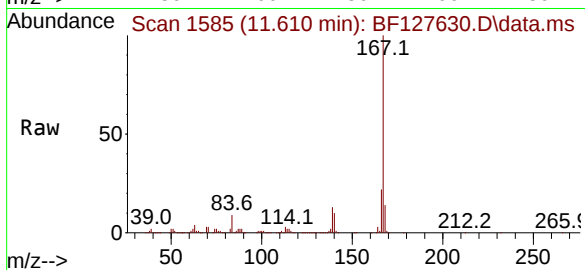
SSTDCCC040

Tgt Ion:167 Resp: 78413  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.0 25.4  
 139 12.9 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2022  
 Supervised By :Jagrut Upadhyay 04/05/2022



#74

Di-n-butylphthalate

Concen: 43.359 ng

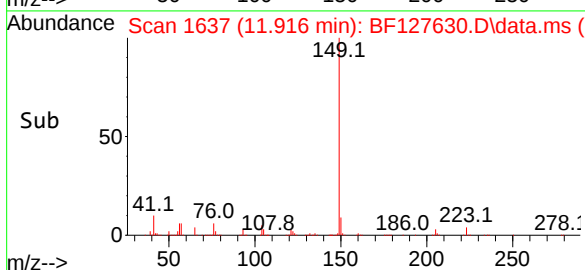
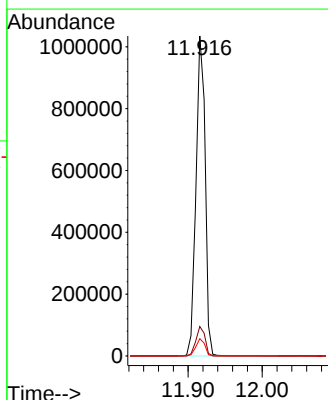
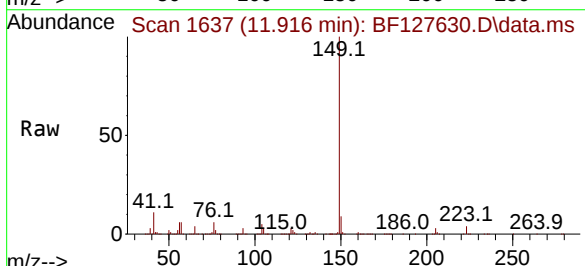
RT: 11.916 min Scan# 1637

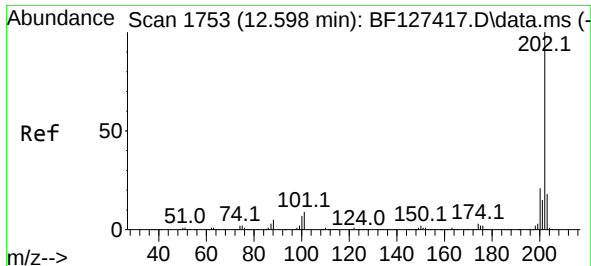
Delta R.T. 0.000 min

Lab File: BF127630.D

Acq: 04 Apr 2022 10:48

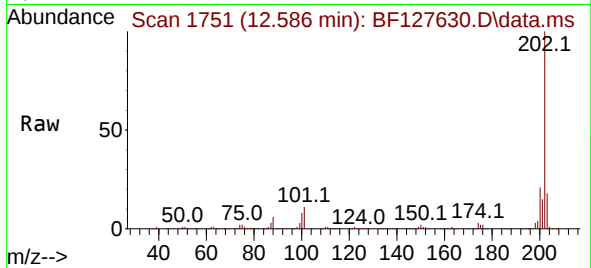
Tgt Ion:149 Resp: 887597  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 5.4 4.2 6.2





#75  
Fluoranthene  
Concen: 40.235 ng  
RT: 12.586 min Scan# 1751  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

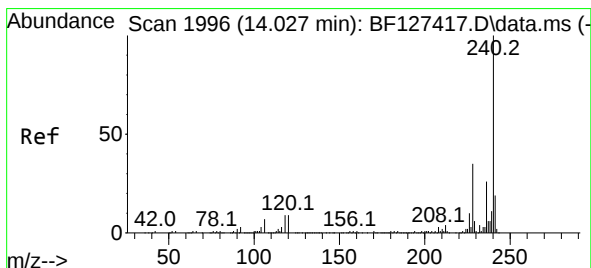
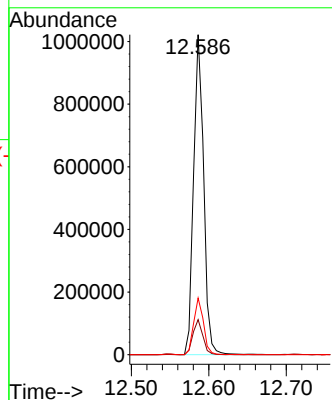
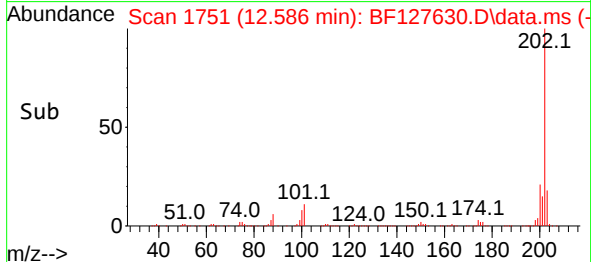
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



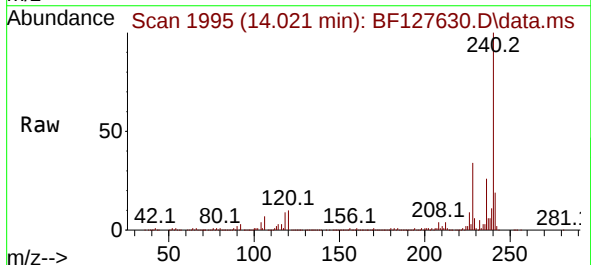
Tgt Ion:202 Resp: 922204  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 29.0  
203 17.7 0.0 37.7

Manual Integrations  
APPROVED

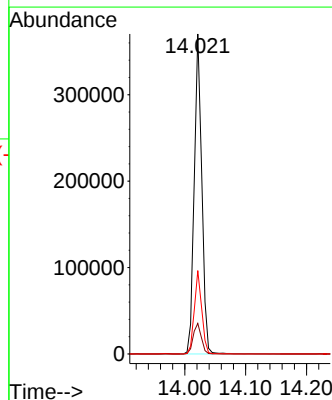
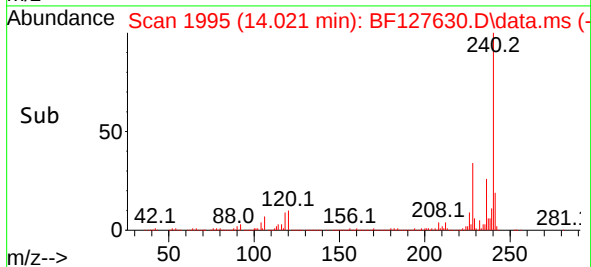
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

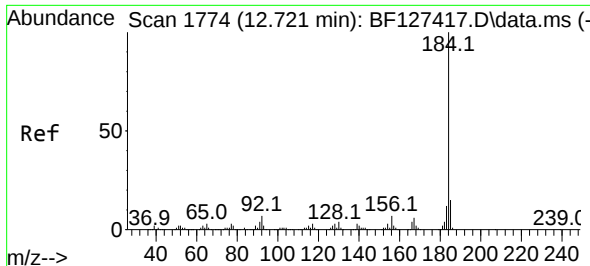


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



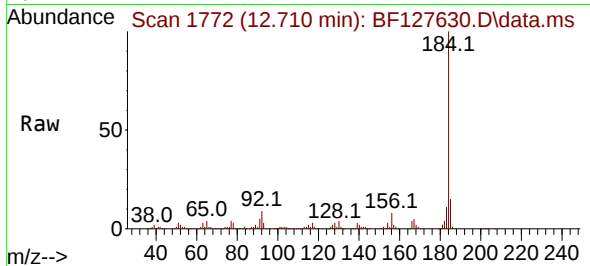
Tgt Ion:240 Resp: 321265  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.1 10.7  
236 26.0 20.7 31.1





#77  
Benzidine  
Concen: 39.006 ng  
RT: 12.710 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

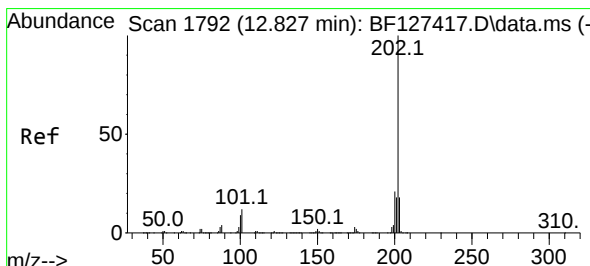
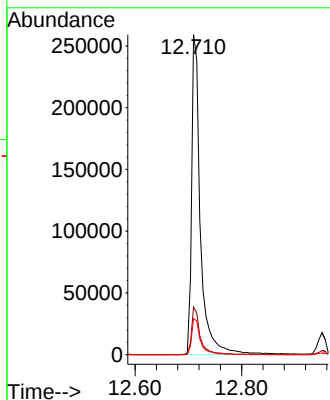
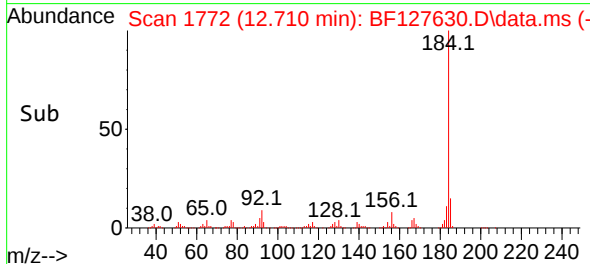
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 298790  
Ion Ratio Lower Upper  
184 100  
185 14.9 12.2 18.2  
183 11.2 9.4 14.0

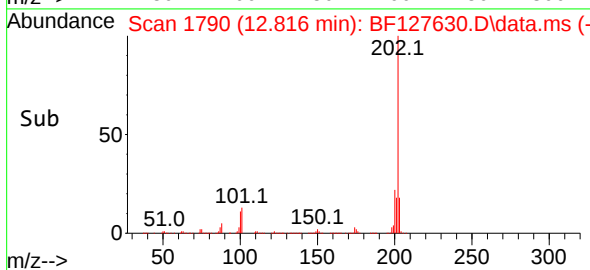
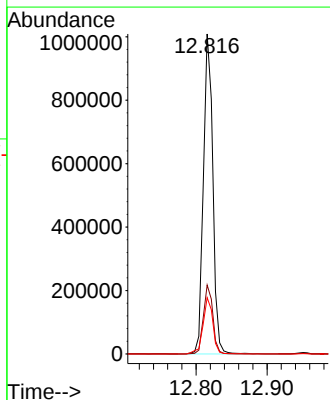
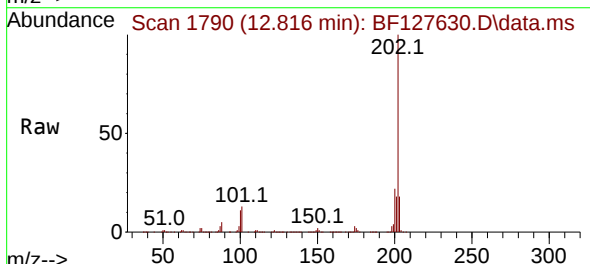
Manual Integrations  
APPROVED

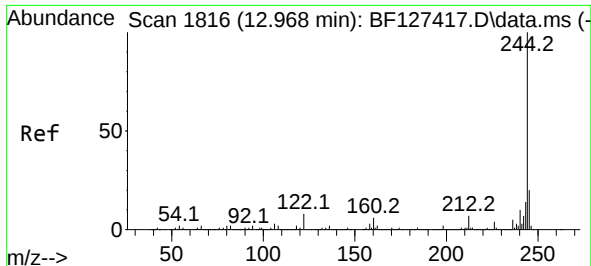
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#78  
Pyrene  
Concen: 33.827 ng  
RT: 12.816 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Tgt Ion:202 Resp: 932681  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 17.6 14.3 21.5





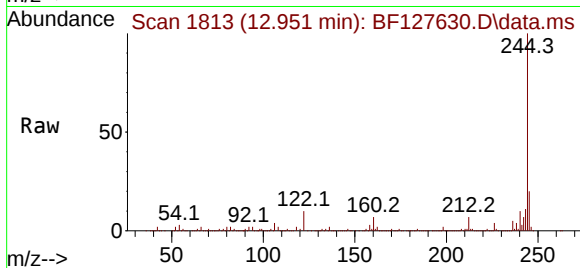
#79  
 Terphenyl-d14  
 Concen: 67.154 ng  
 RT: 12.951 min Scan# 1813  
 Delta R.T. 0.000 min  
 Lab File: BF127630.D  
 Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

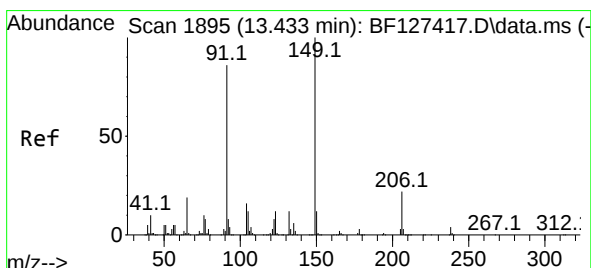
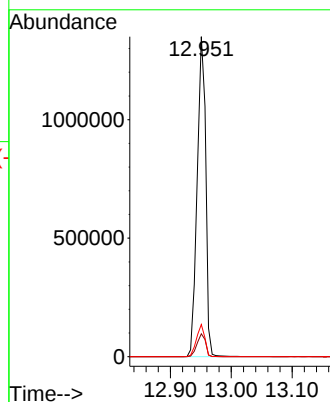
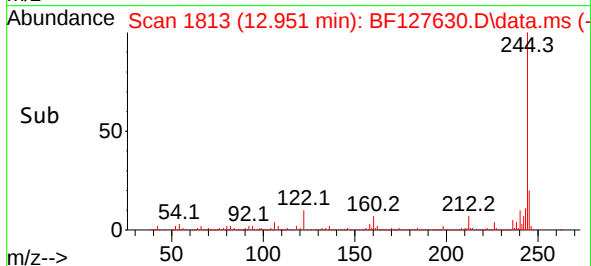


Tgt Ion:244 Resp: 131789  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 10.1 6.2 9.2

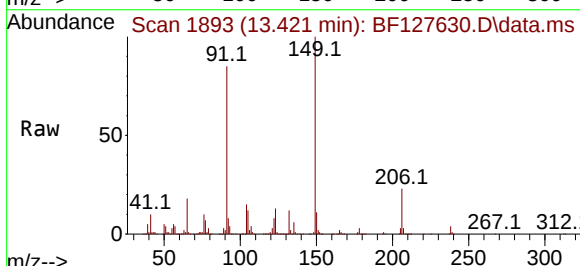
Manual Integrations

APPROVED

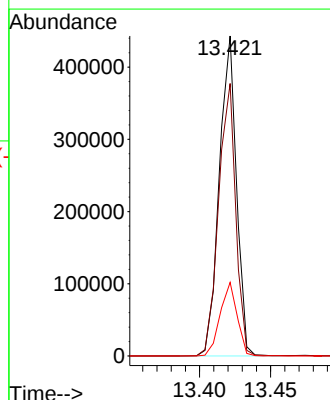
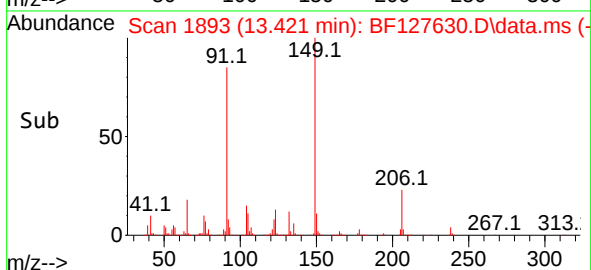
Reviewed By :Christian Giraldo 04/05/2022  
 Supervised By :Jagrut Upadhyay 04/05/2022

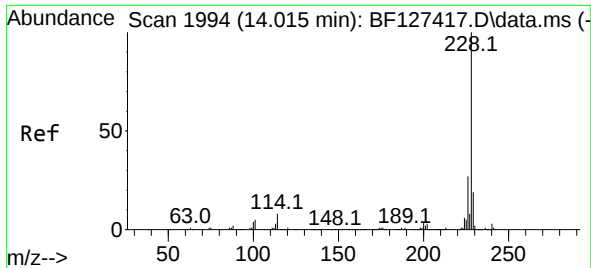


#80  
 Butylbenzylphthalate  
 Concen: 40.960 ng  
 RT: 13.421 min Scan# 1893  
 Delta R.T. 0.006 min  
 Lab File: BF127630.D  
 Acq: 04 Apr 2022 10:48



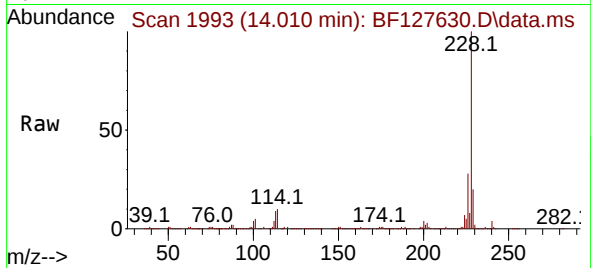
Tgt Ion:149 Resp: 371690  
 Ion Ratio Lower Upper  
 149 100  
 91 85.2 69.1 103.7  
 206 23.0 17.7 26.5





#81  
Benzo(a)anthracene  
Concen: 37.706 ng  
RT: 14.010 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

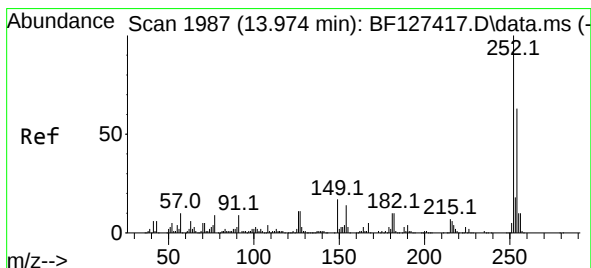
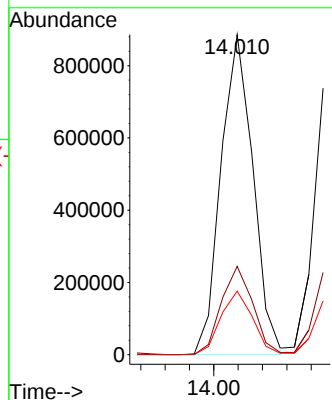
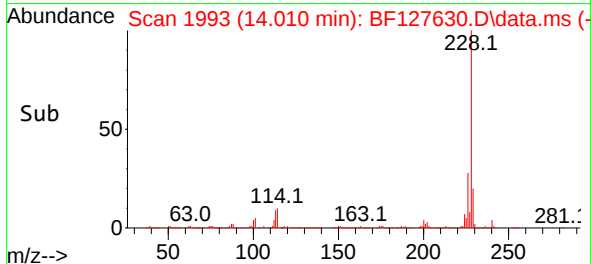
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



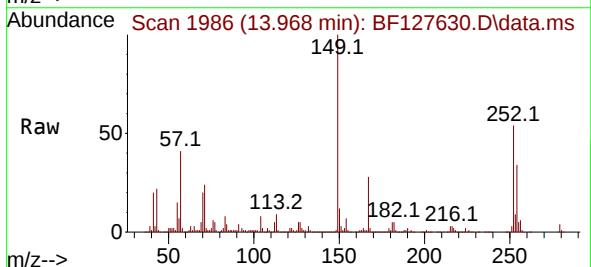
Tgt Ion:228 Resp: 810097  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.6 32.4  
229 19.8 15.4 23.2

Manual Integrations  
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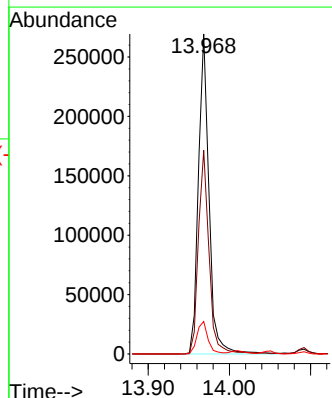
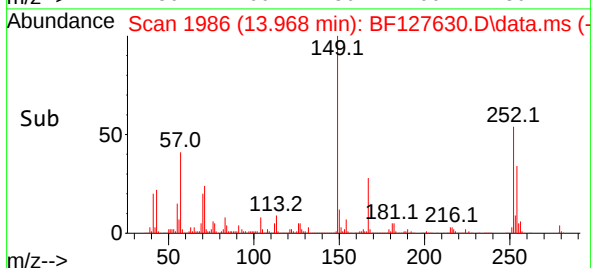
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

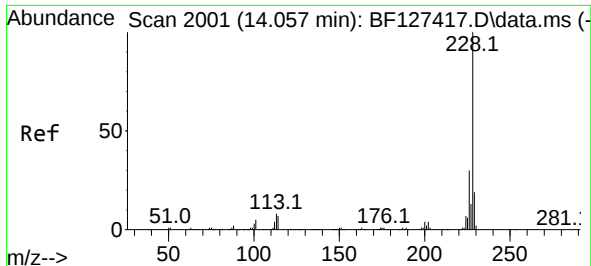


#82  
3,3'-Dichlorobenzidine  
Concen: 38.795 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



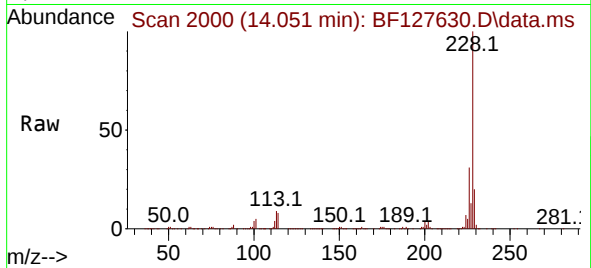
Tgt Ion:252 Resp: 244967  
Ion Ratio Lower Upper  
252 100  
254 63.7 50.2 75.4  
126 10.2 8.7 13.1





#83  
Chrysene  
Concen: 38.531 ng  
RT: 14.051 min Scan# 2001  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

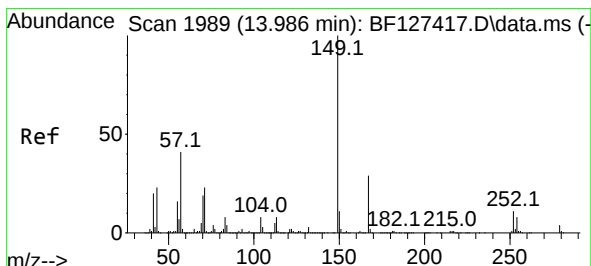
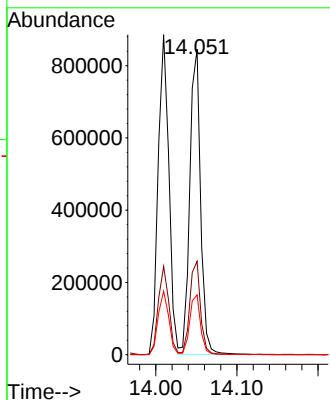
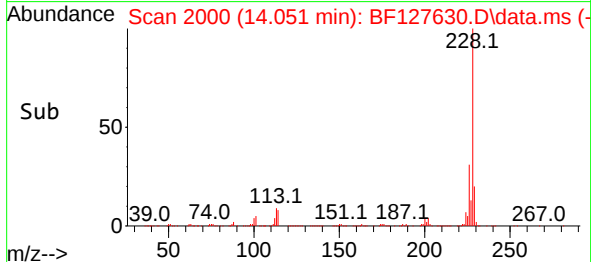
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



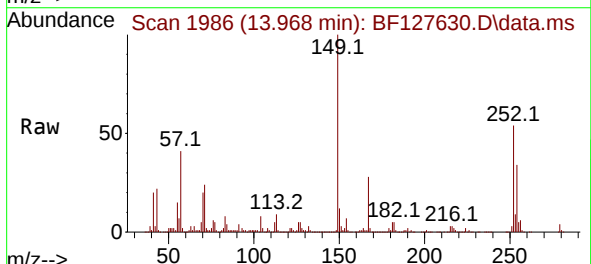
Tgt Ion:228 Resp: 78389  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.2 36.4  
229 19.6 15.4 23.2

Manual Integrations  
APPROVED

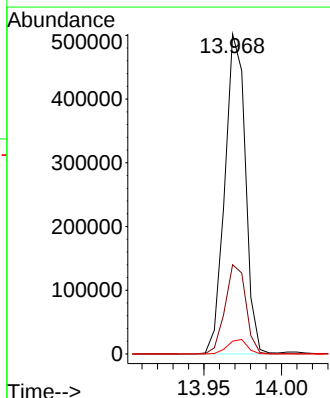
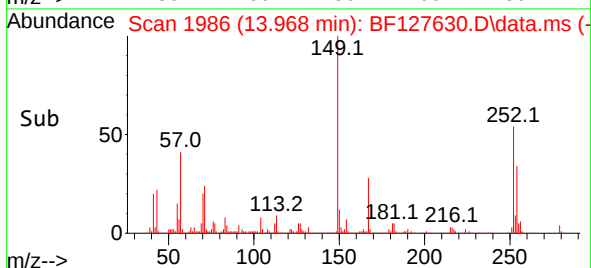
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

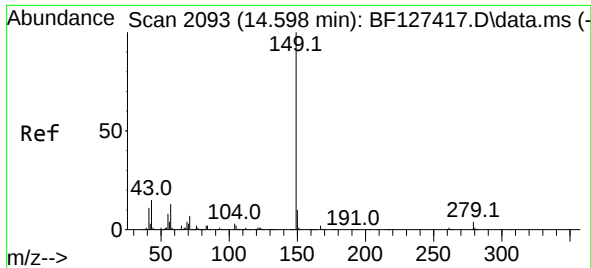


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.138 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



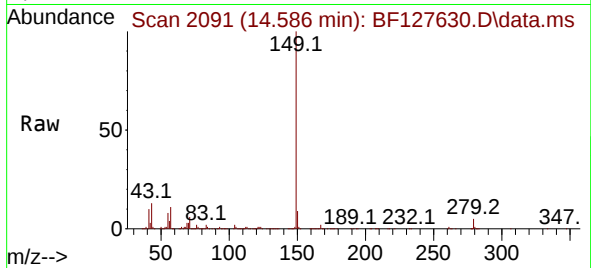
Tgt Ion:149 Resp: 463002  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.9 34.3  
279 4.0 3.2 4.8





#85  
Di-n-octyl phthalate  
Concen: 56.386 ng  
RT: 14.586 min Scan# 2091  
Delta R.T. 0.000 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

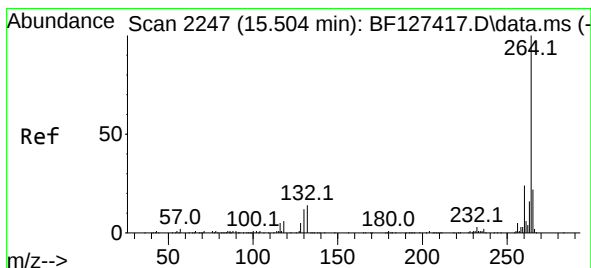
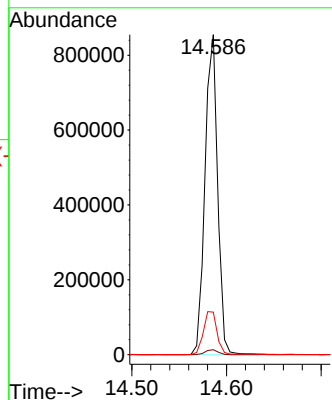
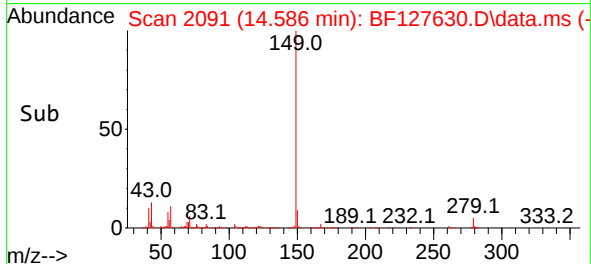
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



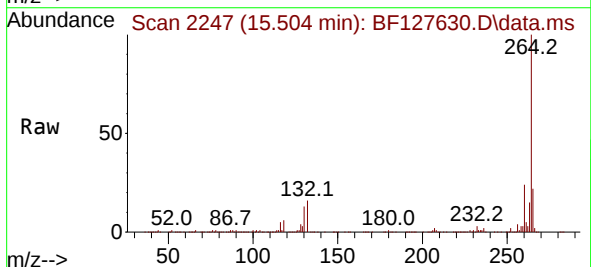
Tgt Ion:149 Resp: 787082  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 14.5 11.0 16.6

Manual Integrations  
APPROVED

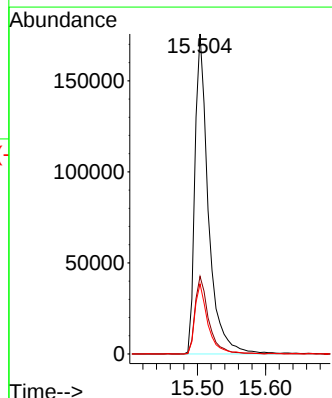
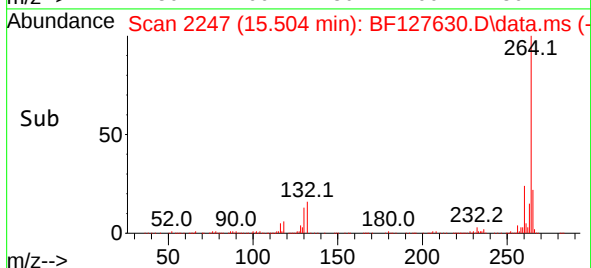
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

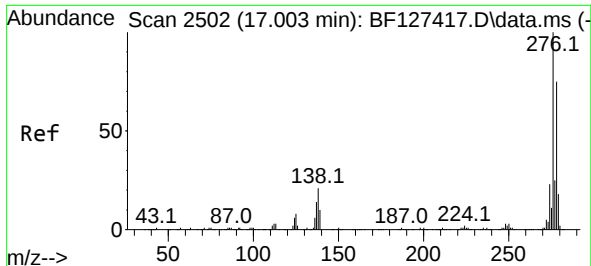


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.504 min Scan# 2247  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion:264 Resp: 240827  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.1 28.7  
265 21.9 17.4 26.2





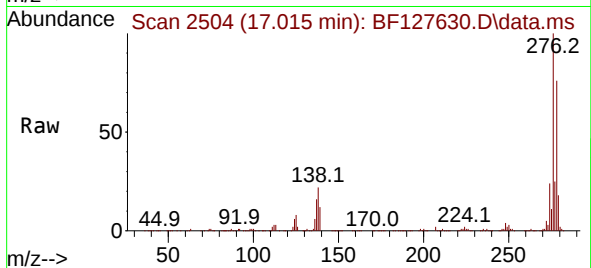
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 30.549 ng  
RT: 17.015 min Scan# 2504  
Delta R.T. 0.024 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

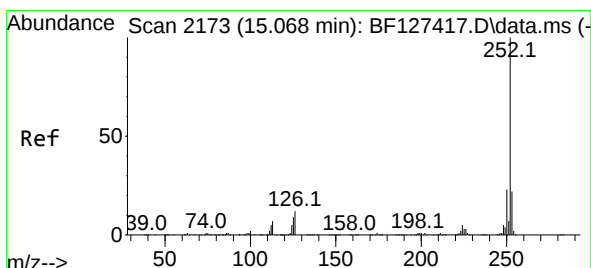
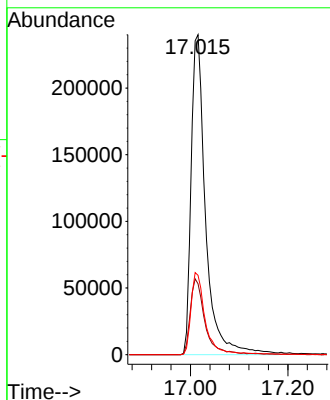
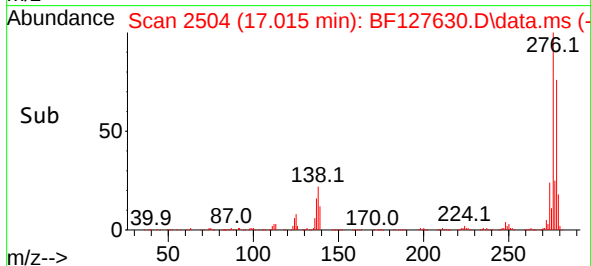


Tgt Ion:276 Resp: 49782  
Ion Ratio Lower Upper  
276 100  
138 23.8 17.1 25.7  
277 25.5 19.9 29.9

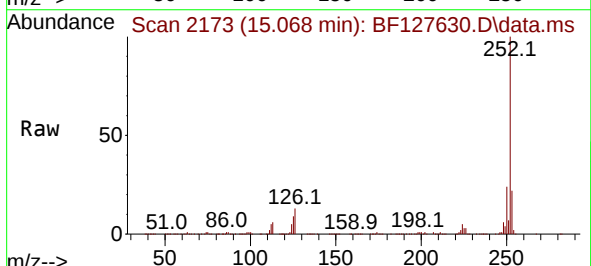
Manual Integrations

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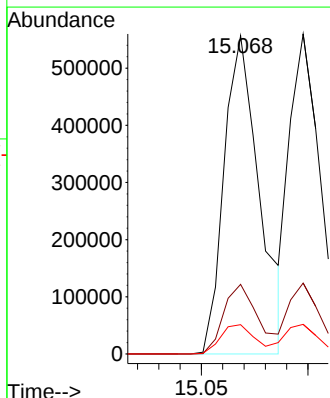
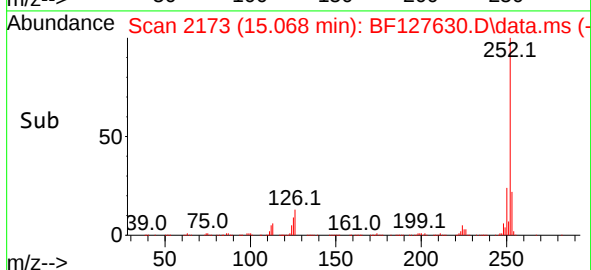
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

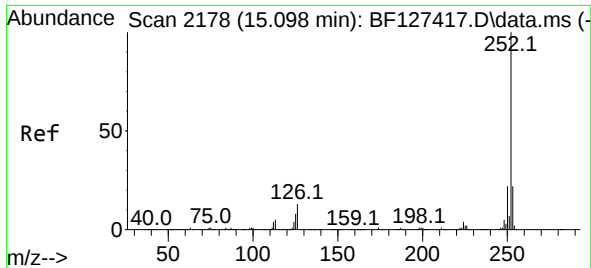


#88  
Benzo(b)fluoranthene  
Concen: 42.420 ng  
RT: 15.068 min Scan# 2173  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



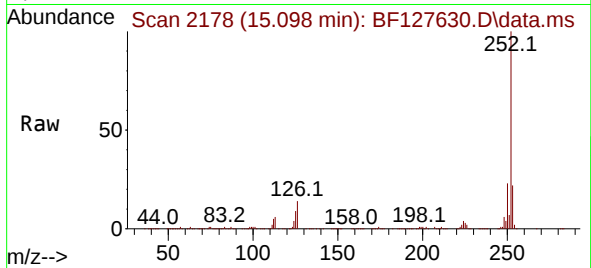
Tgt Ion:252 Resp: 644127  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.9 26.9  
125 9.2 7.0 10.4





#89  
Benzo(k)fluoranthene  
Concen: 38.140 ng  
RT: 15.098 min Scan# 2178  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

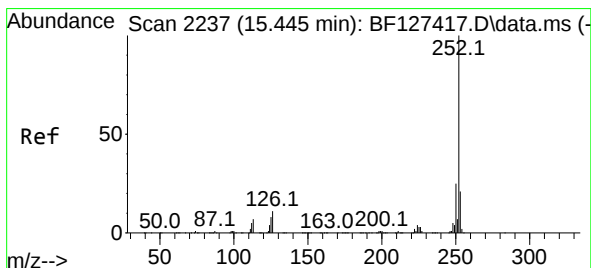
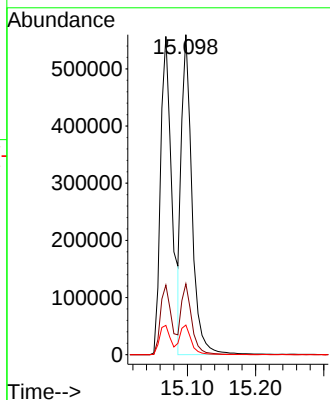
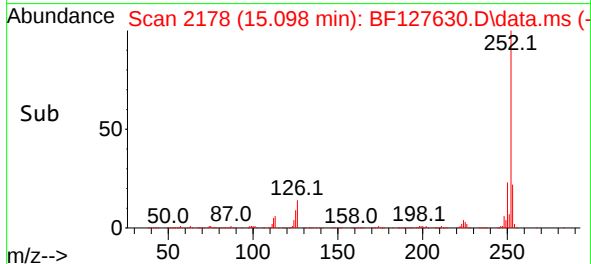
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



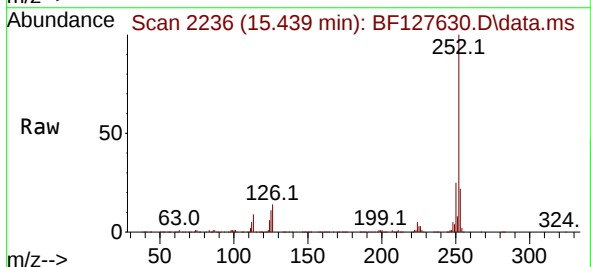
Tgt Ion:252 Resp: 600375  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 9.3 6.9 10.3

Manual Integrations  
APPROVED

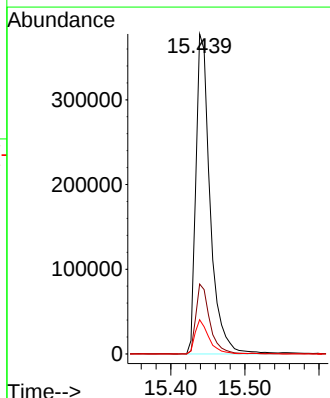
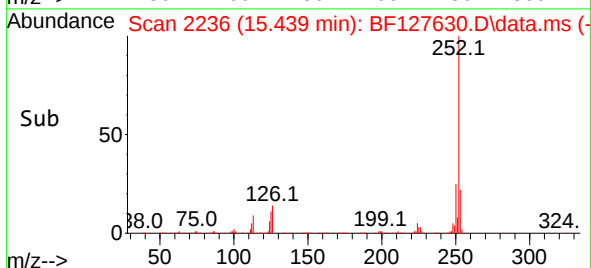
Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022

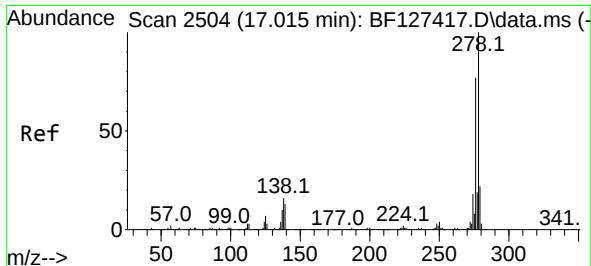


#90  
Benzo(a)pyrene  
Concen: 40.357 ng  
RT: 15.439 min Scan# 2236  
Delta R.T. 0.012 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



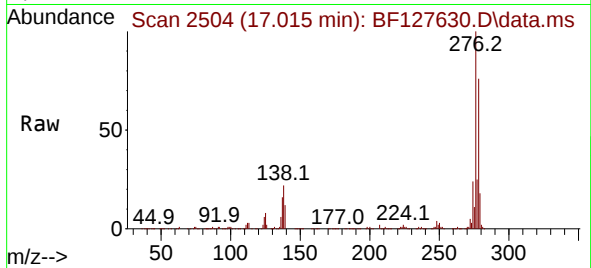
Tgt Ion:252 Resp: 502916  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.0 25.6  
125 10.7 6.7 10.1#





#91  
Dibenzo(a,h)anthracene  
Concen: 31.279 ng  
RT: 17.015 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48

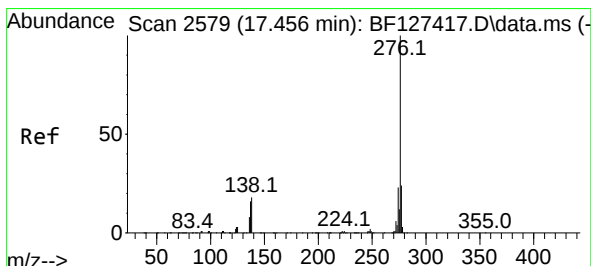
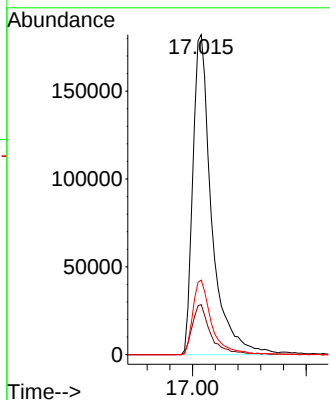
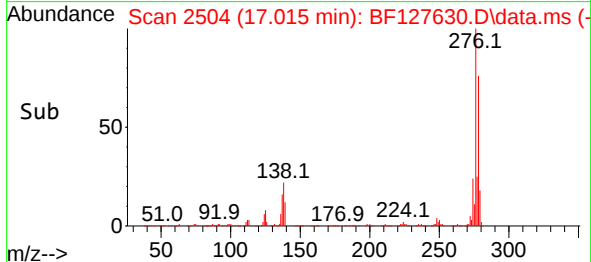
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



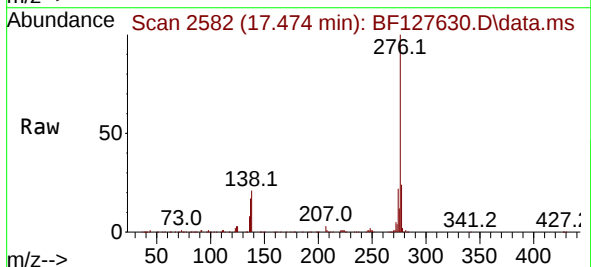
Tgt Ion:278 Resp: 420829  
Ion Ratio Lower Upper  
278 100  
139 15.6 10.8 16.2  
279 23.3 17.7 26.5

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/05/2022  
Supervised By :Jagrut Upadhyay 04/05/2022



#92  
Benzo(g,h,i)perylene  
Concen: 29.527 ng  
RT: 17.474 min Scan# 2582  
Delta R.T. 0.030 min  
Lab File: BF127630.D  
Acq: 04 Apr 2022 10:48



Tgt Ion:276 Resp: 410613  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.4  
138 20.9 14.6 22.0

