

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
 Data File : BF127066.D  
 Acq On : 25 Feb 2022 12:45  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 02/28/2022  
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:38:29 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 24 02:10:57 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 75509    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 296206   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.951  | 164  | 159410   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 289728   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.092 | 240  | 172381   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.586 | 264  | 122610   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 390306   | 79.891 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 518158   | 78.601 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.475  | 82   | 537401   | 81.892 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 165727   | 90.295 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 894703   | 82.626 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 1018670  | 86.871 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 76202    | 34.086 | ng    | # 92     |
| 3) Pyridine                   | 3.457  | 79   | 205651   | 35.072 | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 115538   | 40.223 | ng    | # 58     |
| 6) Aniline                    | 6.569  | 93   | 289913   | 37.117 | ng    | 92       |
| 8) 2-Chlorophenol             | 6.692  | 128  | 210400   | 40.138 | ng    | 97       |
| 9) Benzaldehyde               | 6.457  | 77   | 138280   | 34.460 | ng    | 98       |
| 10) Phenol                    | 6.551  | 94   | 261620m  | 39.276 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.639  | 93   | 193860   | 37.106 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 230703   | 40.799 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 233857   | 40.794 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 224884   | 41.137 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.045  | 79   | 224810   | 40.480 | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 280517   | 34.098 | ng    | 94       |
| 17) 2-Methylphenol            | 7.157  | 107  | 175224   | 38.636 | ng    | # 91     |
| 18) Hexachloroethane          | 7.416  | 117  | 91732    | 41.746 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 166411   | 39.175 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.310  | 107  | 234025   | 39.738 | ng    | 97       |
| 22) Acetophenone              | 7.316  | 105  | 314230   | 40.292 | ng    | # 98     |
| 24) Nitrobenzene              | 7.492  | 77   | 246289   | 39.729 | ng    | 96       |
| 25) Isophorone                | 7.728  | 82   | 408188   | 37.590 | ng    | # 98     |
| 26) 2-Nitrophenol             | 7.804  | 139  | 111472   | 42.233 | ng    | # 74     |
| 27) 2,4-Dimethylphenol        | 7.839  | 122  | 170622m  | 39.350 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.933  | 93   | 246464   | 37.438 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.045  | 162  | 173437   | 42.545 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 191855   | 42.095 | ng    | 97       |
| 31) Naphthalene               | 8.216  | 128  | 624952   | 40.417 | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 132147m  | 42.973 | ng    |          |
| 33) 4-Chloroaniline           | 8.257  | 127  | 243206   | 39.961 | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 117132   | 44.021 | ng    | 98       |
| 35) Caprolactam               | 8.639  | 113  | 54510    | 38.291 | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 8.739  | 107  | 219517   | 42.134 | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 406287   | 40.494 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 393026   | 40.907 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 173203   | 41.276 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 88989    | 39.101 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.180  | 196  | 125670   | 40.833 | ng    | 99       |

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 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

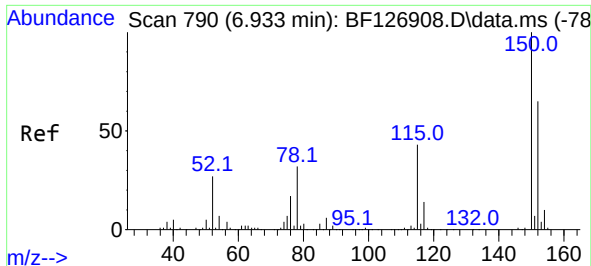
Reviewed By : Christian Giraldo 02/28/2022  
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:38:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 24 02:10:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.222  | 196  | 135040   | 41.696 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 494947   | 39.189 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 367428   | 39.231 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.492  | 65   | 146772   | 39.712 | ng    | 98       |
| 49) Acenaphthylene            | 9.816  | 152  | 603162   | 39.647 | ng    | 98       |
| 50) Dimethylphthalate         | 9.669  | 163  | 448963   | 39.402 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 94889    | 40.932 | ng    | # 86     |
| 52) Acenaphthene              | 9.986  | 154  | 396906m  | 40.116 | ng    |          |
| 53) 3-Nitroaniline            | 9.904  | 138  | 111465   | 39.334 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 53076    | 43.256 | ng    | # 83     |
| 55) Dibenzofuran              | 10.157 | 168  | 542225   | 39.855 | ng    | # 89     |
| 56) 4-Nitrophenol             | 10.063 | 139  | 85463    | 40.833 | ng    | # 76     |
| 57) 2,4-Dinitrotoluene        | 10.139 | 165  | 130747   | 41.713 | ng    | # 95     |
| 58) Fluorene                  | 10.498 | 166  | 431062   | 40.676 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.274 | 232  | 108707   | 42.338 | ng    | 96       |
| 60) Diethylphthalate          | 10.369 | 149  | 479412   | 40.266 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 209620   | 41.949 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.522 | 138  | 112949   | 40.363 | ng    | # 69     |
| 63) Azobenzene                | 10.651 | 77   | 502172   | 37.878 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.545 | 198  | 74360    | 43.681 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 368367   | 38.774 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 129421   | 39.980 | ng    | 92       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 144804   | 41.552 | ng    | 93       |
| 69) Atrazine                  | 11.133 | 200  | 119058   | 40.406 | ng    | 98       |
| 70) Pentachlorophenol         | 11.239 | 266  | 77084    | 40.521 | ng    | 97       |
| 71) Phenanthrene              | 11.469 | 178  | 649032   | 40.023 | ng    | 99       |
| 72) Anthracene                | 11.521 | 178  | 641880   | 39.760 | ng    | 100      |
| 73) Carbazole                 | 11.674 | 167  | 588910   | 39.778 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 729182   | 38.312 | ng    | # 98     |
| 75) Fluoranthene              | 12.657 | 202  | 624576   | 40.563 | ng    | 95       |
| 77) Benzidine                 | 12.774 | 184  | 211753m  | 45.202 | ng    |          |
| 78) Pyrene                    | 12.892 | 202  | 624725   | 41.714 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 274802   | 38.759 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 466625   | 40.153 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 152189   | 41.554 | ng    | # 97     |
| 83) Chrysene                  | 14.115 | 228  | 431609   | 39.495 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 329495   | 35.398 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 439720   | 32.810 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 346003   | 43.037 | ng    | # 82     |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 311596   | 37.838 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 15.174 | 252  | 321995   | 40.539 | ng    | # 93     |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 255005   | 39.644 | ng    | # 92     |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 282350   | 42.463 | ng    | # 90     |
| 92) Benzo(g,h,i)perylene      | 17.586 | 276  | 285764   | 43.593 | ng    | # 82     |

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





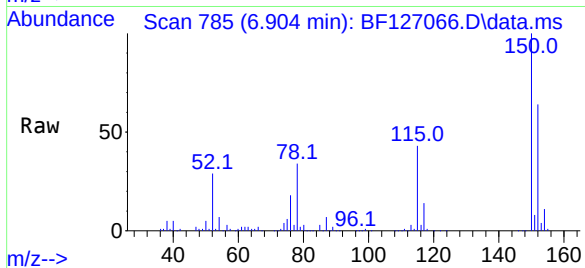
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

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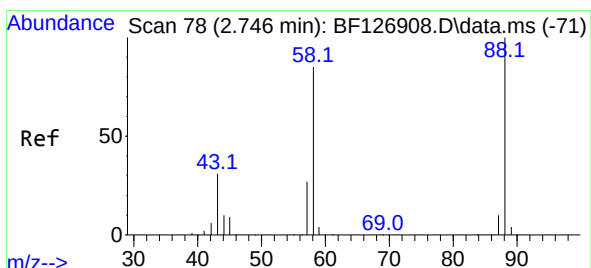
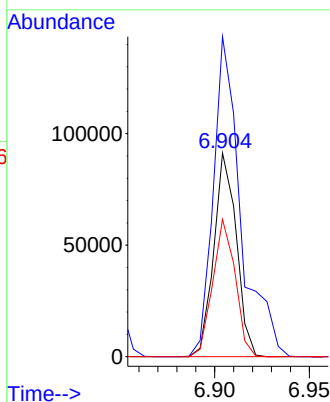
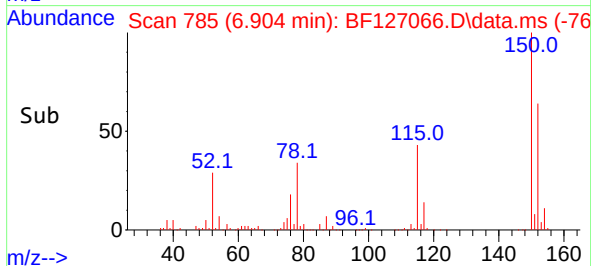


Tgt Ion:152 Resp: 75509  
Ion Ratio Lower Upper  
152 100  
150 157.1 128.1 192.1  
115 67.5 56.7 85.1

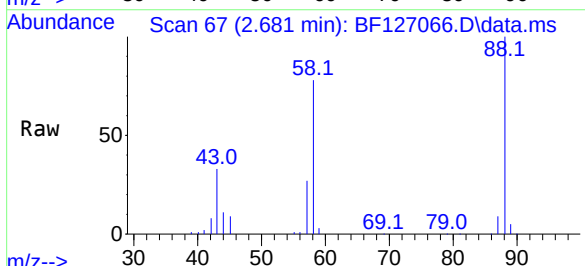
Manual Integrations

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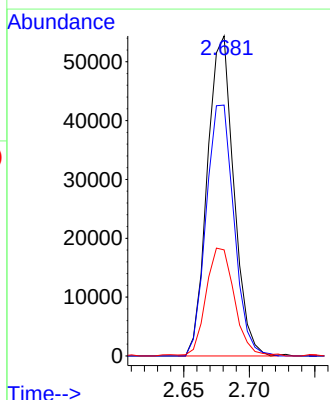
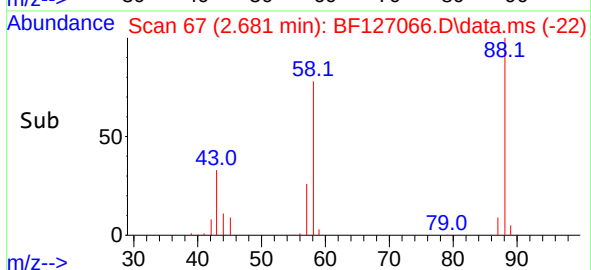
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

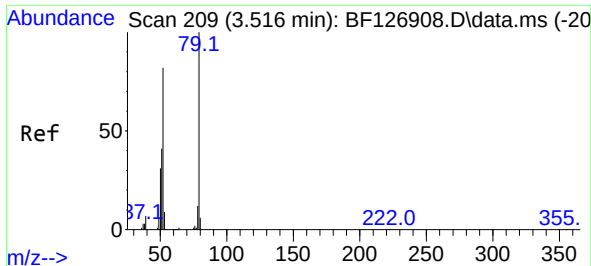


#2  
1,4-Dioxane  
Concen: 34.086 ng  
RT: 2.681 min Scan# 67  
Delta R.T. -0.035 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion: 88 Resp: 76202  
Ion Ratio Lower Upper  
88 100  
58 82.4 62.8 94.2  
43 36.5 22.3 33.5#





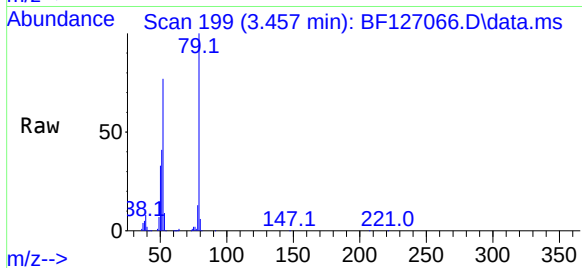
#3  
Pyridine  
Concen: 35.072 ng  
RT: 3.457 min Scan# 191  
Delta R.T. -0.029 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

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SSTDCCC040

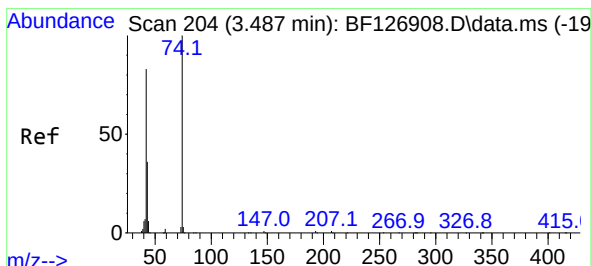
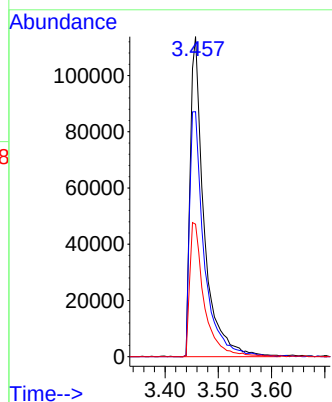
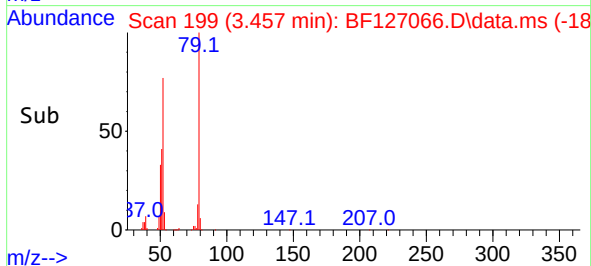


Tgt Ion: 79 Resp: 20565  
Ion Ratio Lower Upper  
79 100  
52 76.5 56.2 84.4  
51 41.4 26.7 40.1

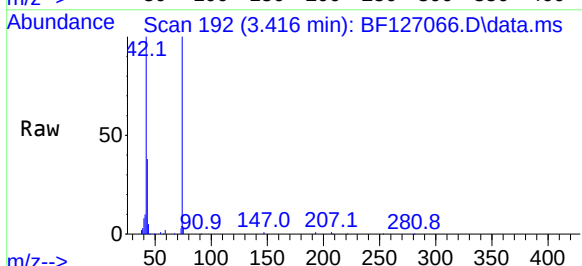
Manual Integrations

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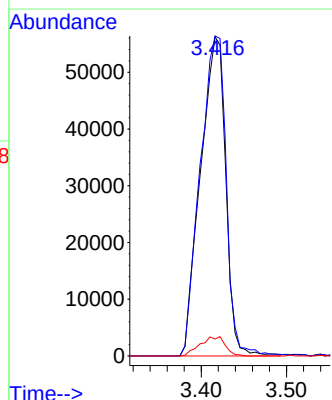
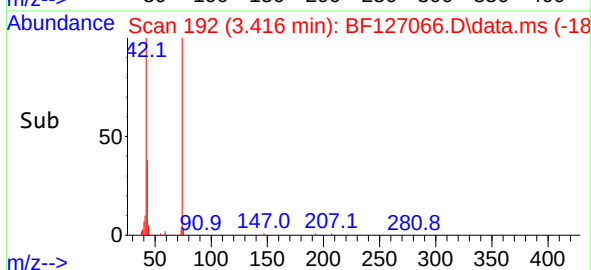
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

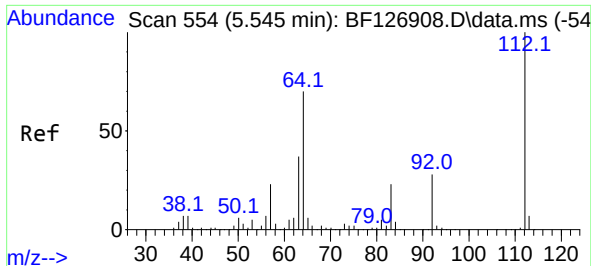


#4  
n-Nitrosodimethylamine  
Concen: 40.223 ng  
RT: 3.416 min Scan# 192  
Delta R.T. -0.041 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion: 42 Resp: 115538  
Ion Ratio Lower Upper  
42 100  
74 100.2 125.6 188.4#  
44 5.3 5.7 8.5#





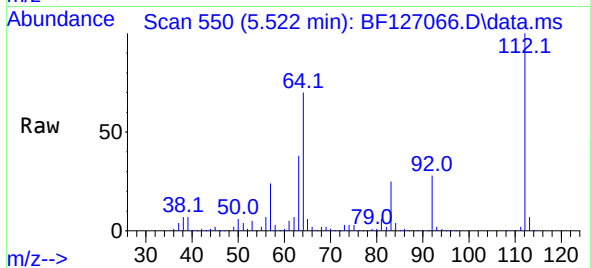
#5  
2-Fluorophenol  
Concen: 79.891 ng  
RT: 5.522 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

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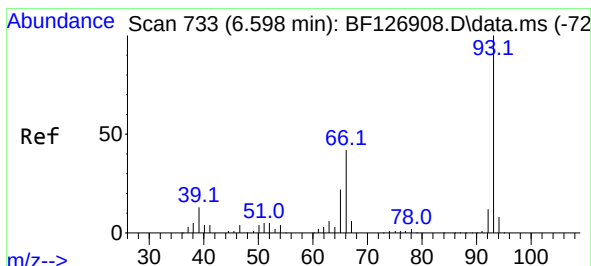
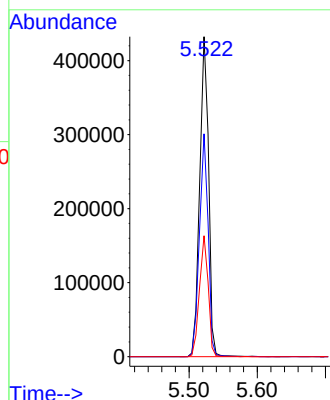


Tgt Ion:112 Resp: 390300  
Ion Ratio Lower Upper  
112 100  
64 69.7 49.5 74.3  
63 37.8 23.9 35.9

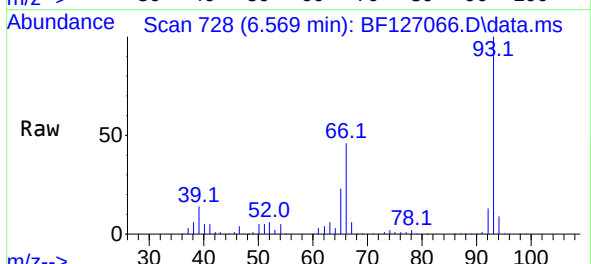
Manual Integrations

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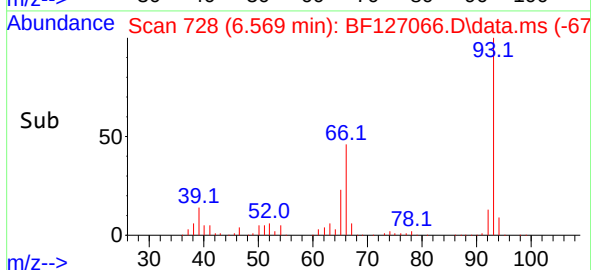
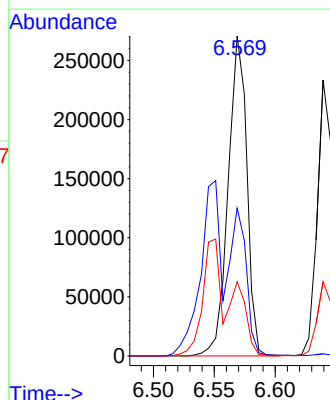
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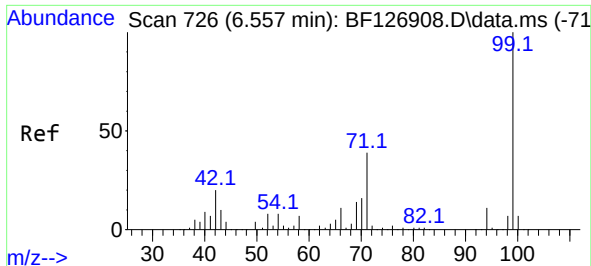


#6  
Aniline  
Concen: 37.117 ng  
RT: 6.569 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion: 93 Resp: 289913  
Ion Ratio Lower Upper  
93 100  
66 46.2 32.2 48.4  
65 23.2 16.3 24.5





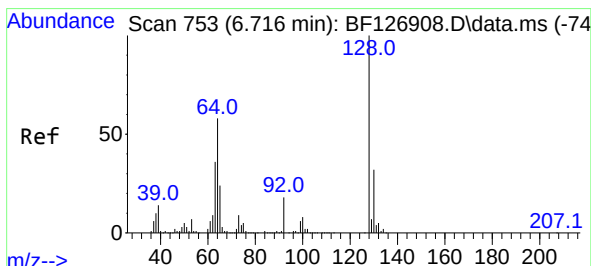
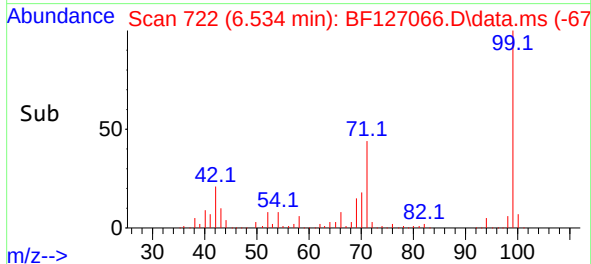
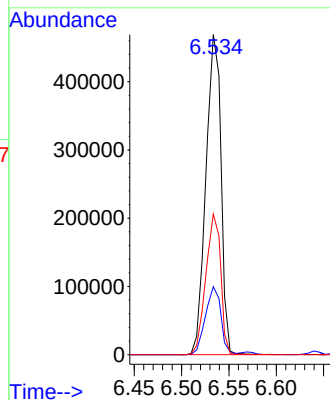
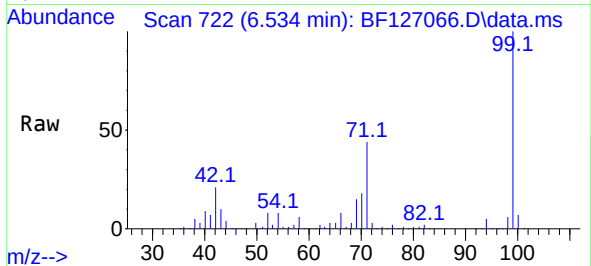
#7  
Phenol-d6  
Concen: 78.601 ng  
RT: 6.534 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 51815  
Ion Ratio Lower Upper  
99 100  
42 21.2 14.2 21.4  
71 43.9 24.3 36.5

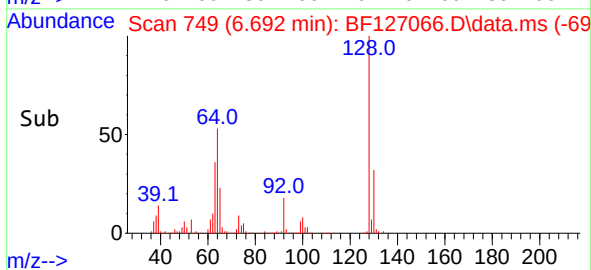
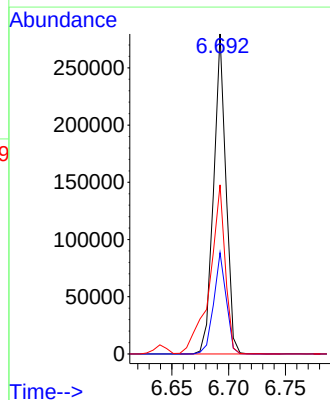
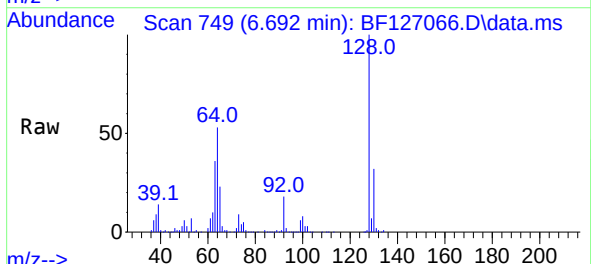
Manual Integrations  
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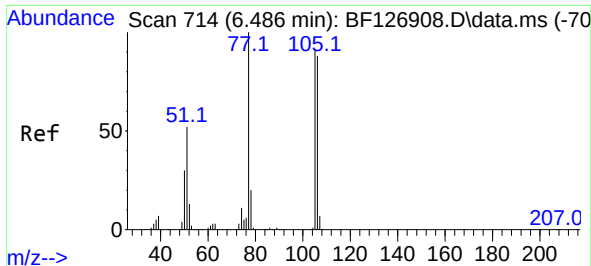
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#8  
2-Chlorophenol  
Concen: 40.138 ng  
RT: 6.692 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

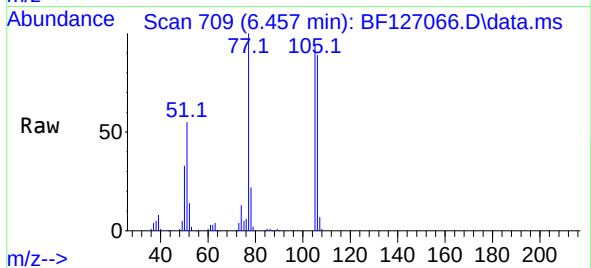
Tgt Ion:128 Resp: 210400  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.7 52.7  
64 52.9 35.6 75.6





#9  
Benzaldehyde  
Concen: 34.460 ng  
RT: 6.457 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

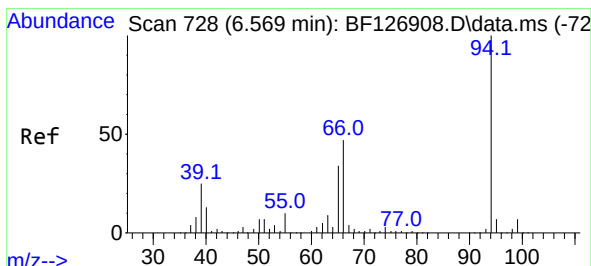
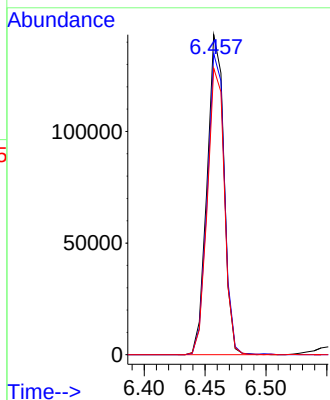
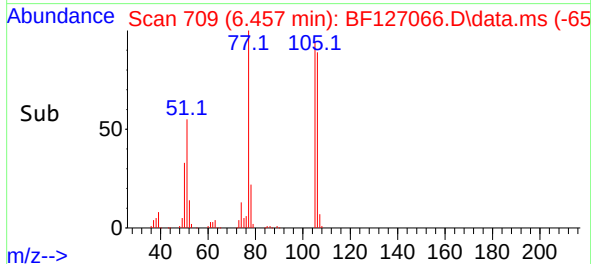
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



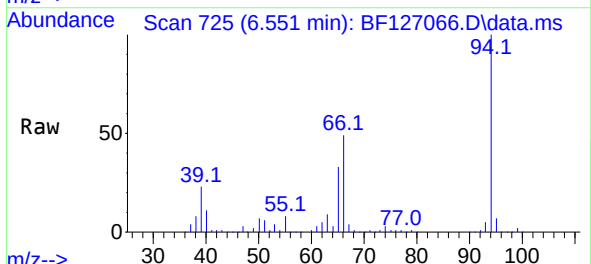
Tgt Ion: 77 Resp: 138280  
Ion Ratio Lower Upper  
77 100  
105 94.1 74.9 114.9  
106 89.5 72.4 112.4

Manual Integrations  
APPROVED

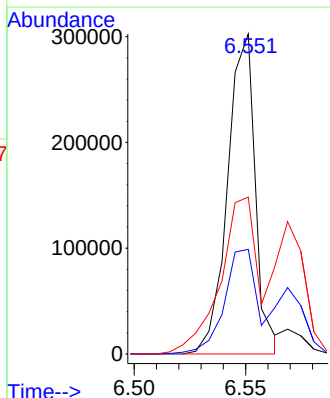
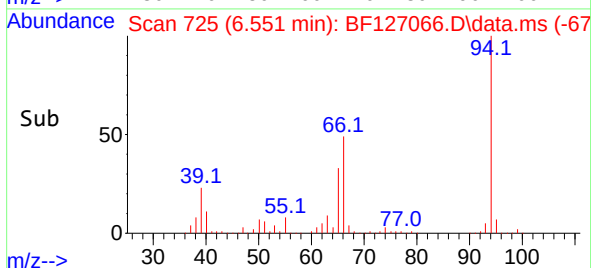
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



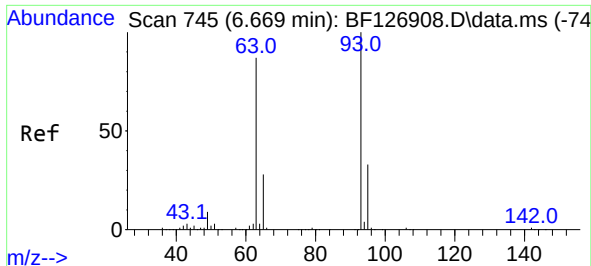
#10  
Phenol  
Concen: 39.276 ng m  
RT: 6.551 min Scan# 725  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion: 94 Resp: 261620  
Ion Ratio Lower Upper  
94 100  
65 32.7 7.2 47.2  
66 49.0 14.5 54.5

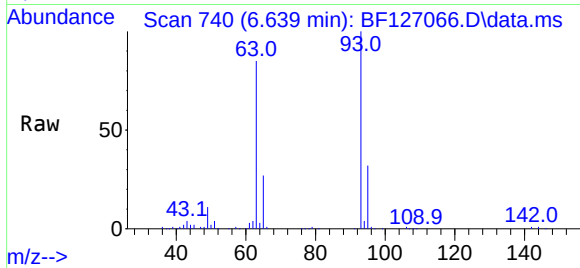






#11  
bis(2-Chloroethyl)ether  
Concen: 37.106 ng  
RT: 6.639 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

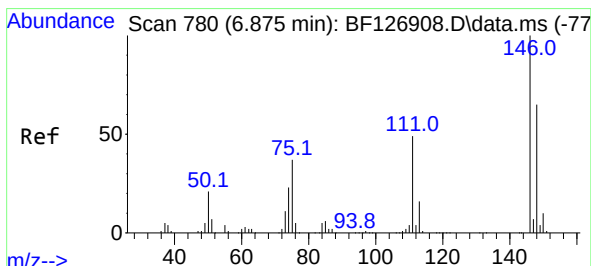
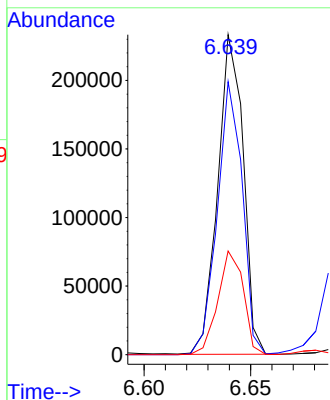
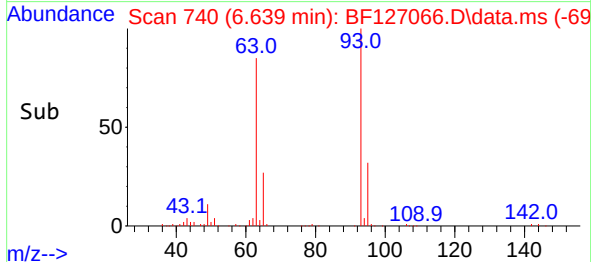
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



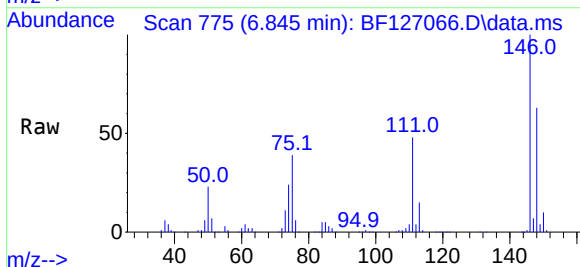
Tgt Ion: 93 Resp: 193860  
Ion Ratio Lower Upper  
93 100  
63 85.3 60.5 100.5  
95 32.4 12.9 52.9

Manual Integrations  
APPROVED

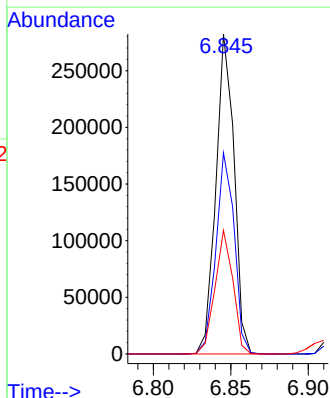
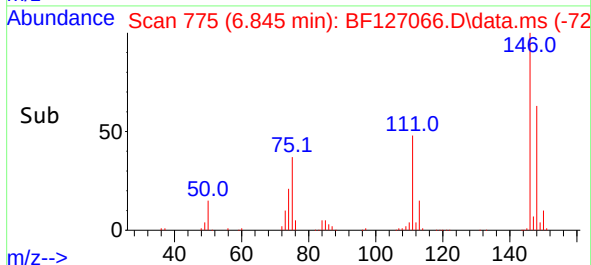
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

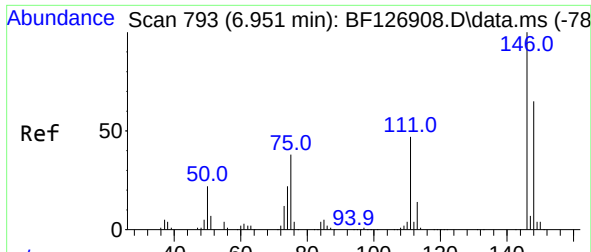


#12  
1,3-Dichlorobenzene  
Concen: 40.799 ng  
RT: 6.845 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:146 Resp: 230703  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.9 76.3  
75 38.7 28.4 42.6





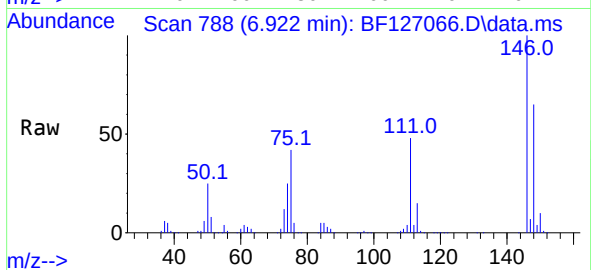
#13  
1,4-Dichlorobenzene  
Concen: 40.794 ng  
RT: 6.922 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

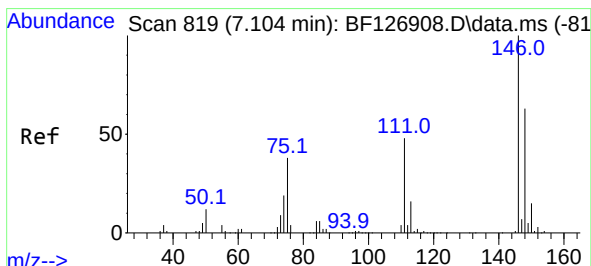
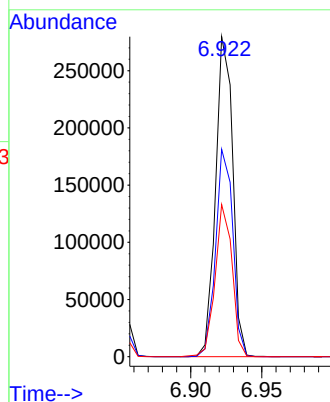
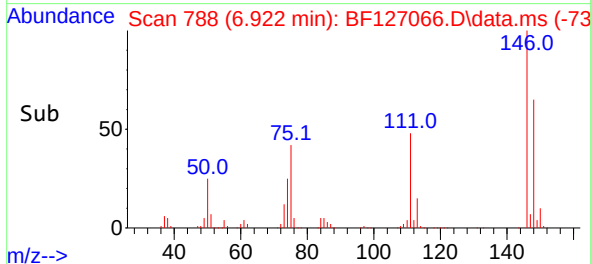


Tgt Ion:146 Resp: 23385  
Ion Ratio Lower Upper  
146 100  
148 64.8 49.8 74.6  
111 47.6 36.1 54.1

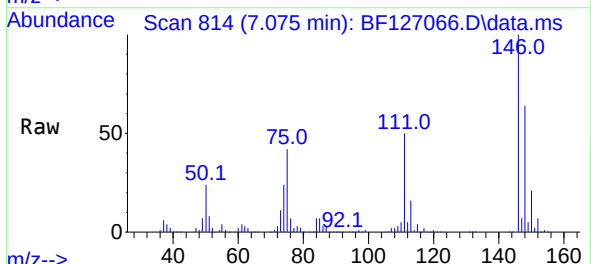
Manual Integrations

APPROVED

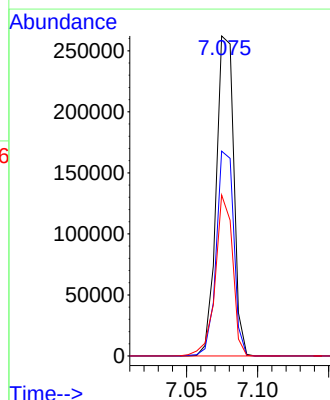
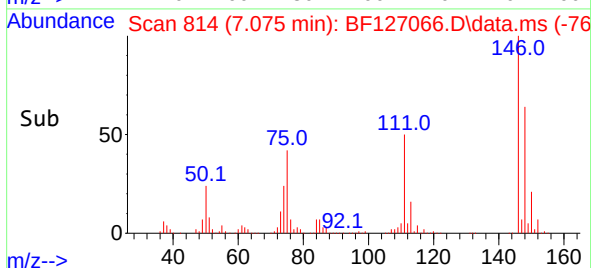
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

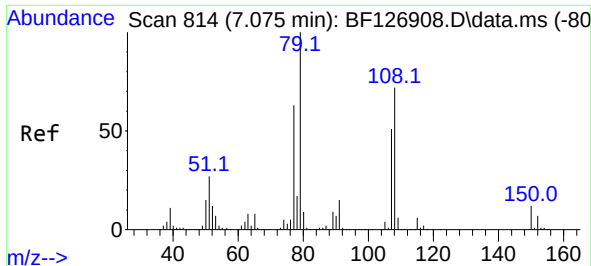


#14  
1,2-Dichlorobenzene  
Concen: 41.137 ng  
RT: 7.075 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:146 Resp: 224884  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.6 77.4  
111 50.3 40.2 60.2





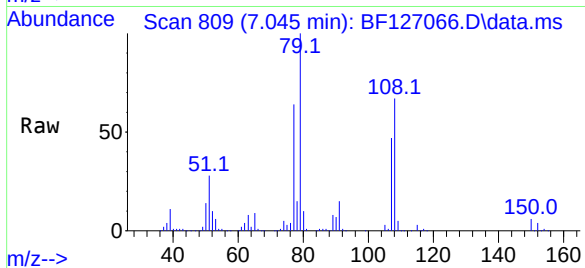
#15  
Benzyl Alcohol  
Concen: 40.480 ng  
RT: 7.045 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

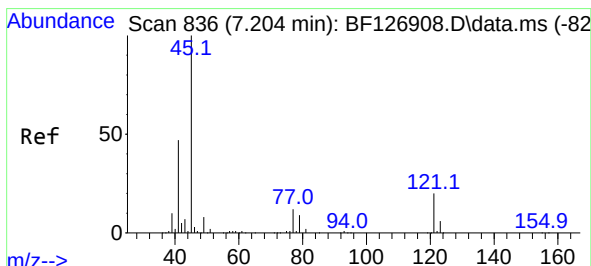
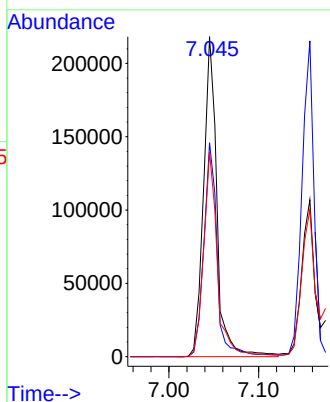
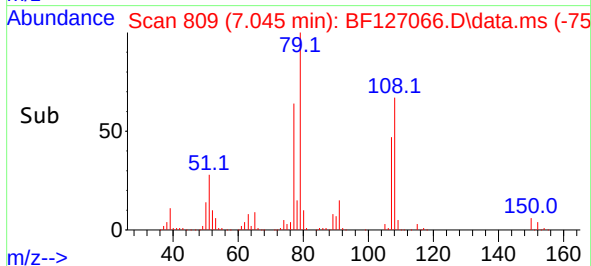


Tgt Ion: 79 Resp: 224810  
Ion Ratio Lower Upper  
79 100  
108 66.8 63.2 94.8  
77 63.9 49.4 74.2

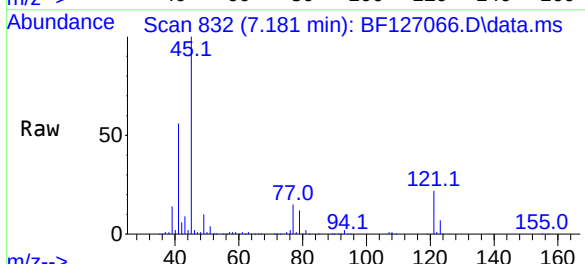
Manual Integrations

APPROVED

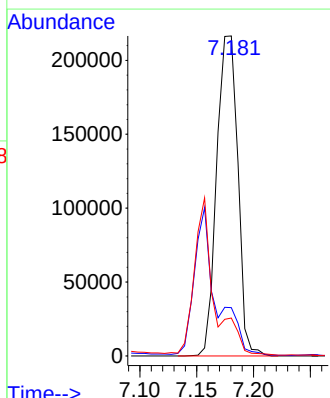
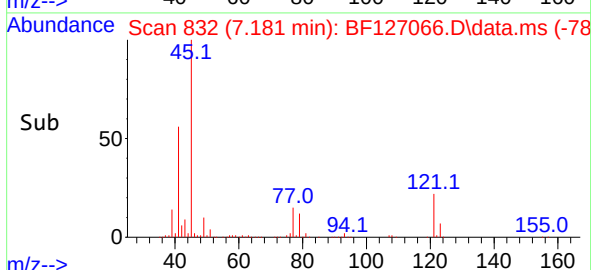
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

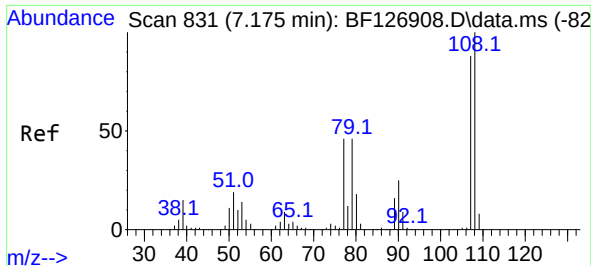


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.098 ng  
RT: 7.181 min Scan# 832  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion: 45 Resp: 280517  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 32.4  
79 11.9 0.0 29.8





#17  
2-Methylphenol  
Concen: 38.636 ng  
RT: 7.157 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

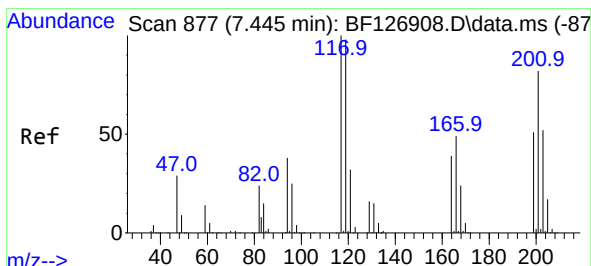
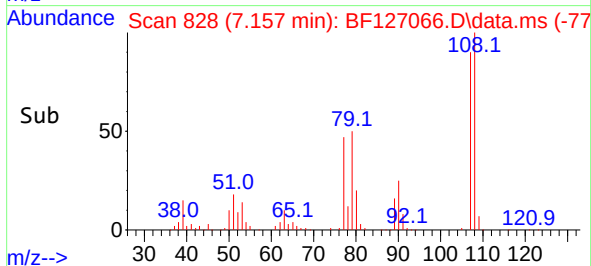
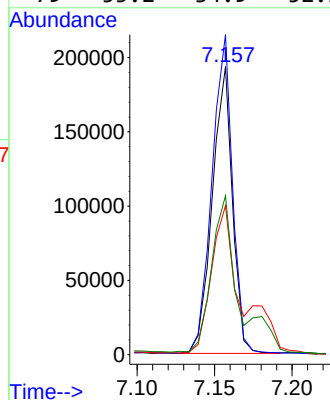
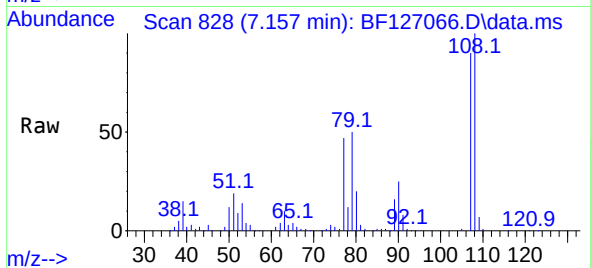
SSTDCCC040

Tgt Ion:107 Resp: 175224  
Ion Ratio Lower Upper  
107 100  
108 111.1 93.4 140.0  
77 51.7 36.1 54.1  
79 55.2 34.9 52.3#

Manual Integrations

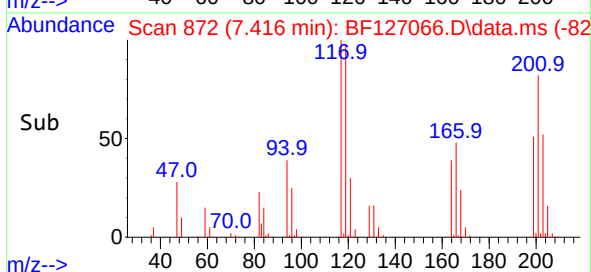
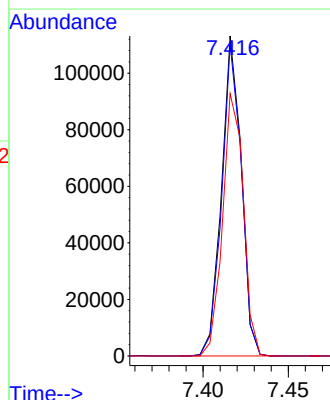
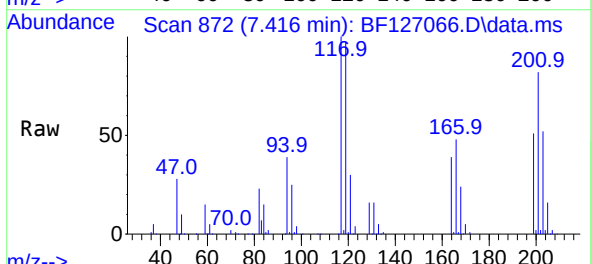
APPROVED

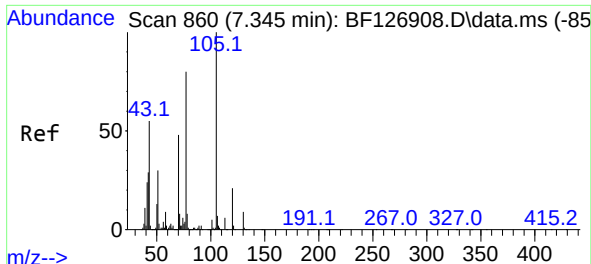
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#18  
Hexachloroethane  
Concen: 41.746 ng  
RT: 7.416 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

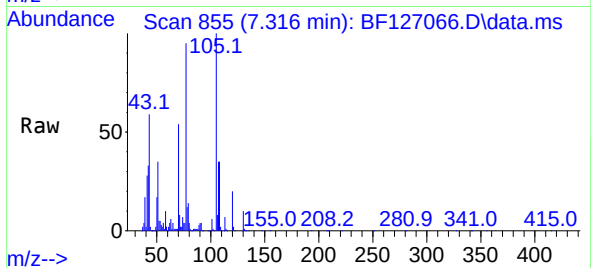
Tgt Ion:117 Resp: 91732  
Ion Ratio Lower Upper  
117 100  
119 97.4 75.4 113.0  
201 82.0 56.8 85.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.175 ng  
RT: 7.316 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

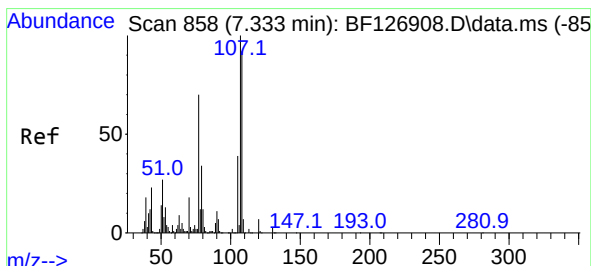
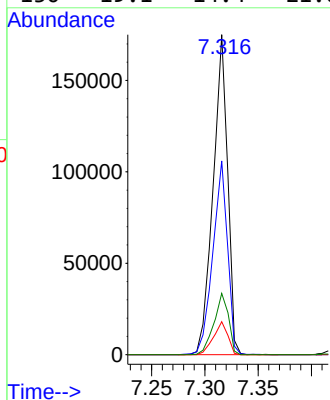
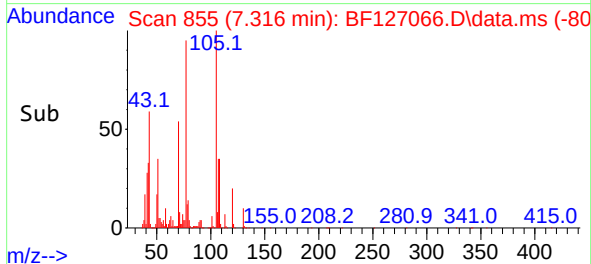
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



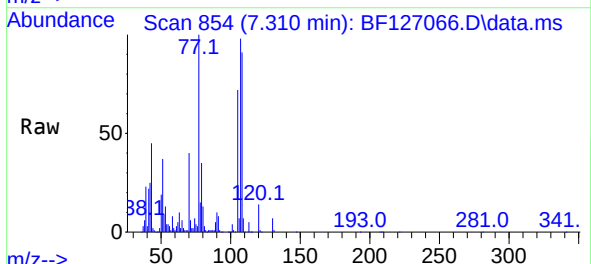
Tgt Ion: 70 Resp: 16641  
Ion Ratio Lower Upper  
70 100  
42 60.5 45.8 68.8  
101 10.3 6.9 10.3  
130 19.1 14.4 21.6

Manual Integrations  
APPROVED

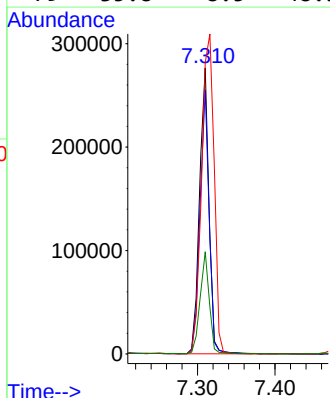
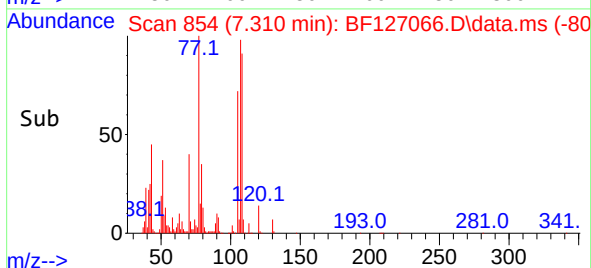
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

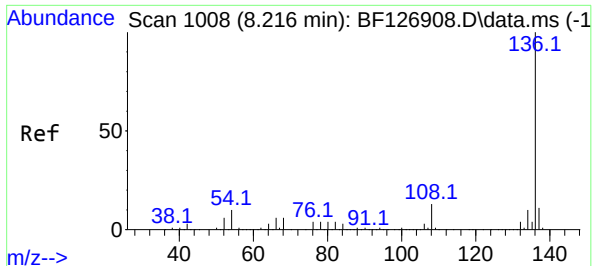


#20  
3+4-Methylphenols  
Concen: 39.738 ng  
RT: 7.310 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:107 Resp: 234025  
Ion Ratio Lower Upper  
107 100  
108 92.2 72.4 112.4  
77 101.9 83.8 123.8  
79 35.8 8.5 48.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

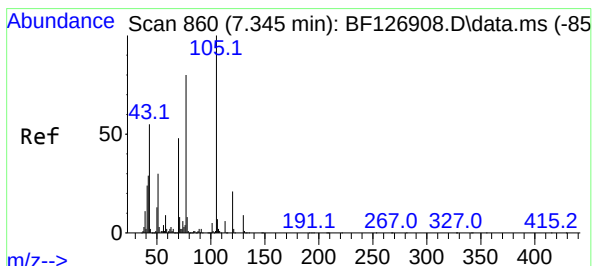
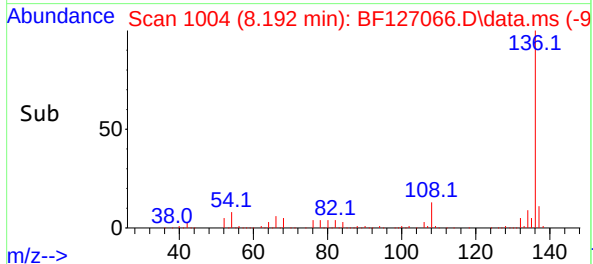
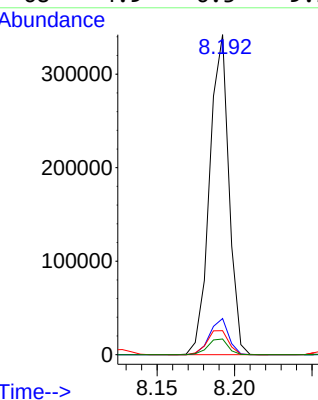
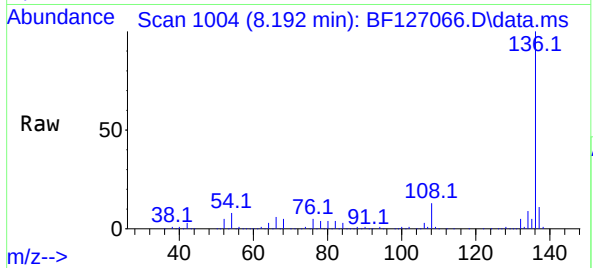
SSTDCCC040

Tgt Ion:136 Resp: 296200  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 7.5 7.8 11.6  
68 4.9 6.3 9.5#

Manual Integrations

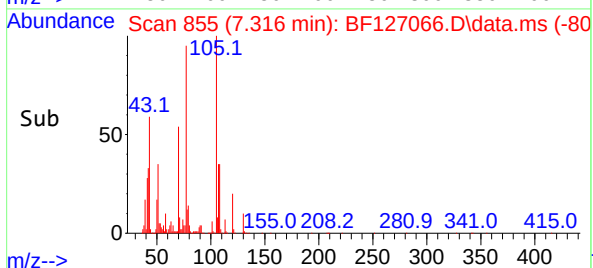
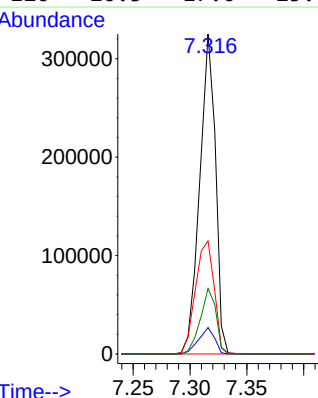
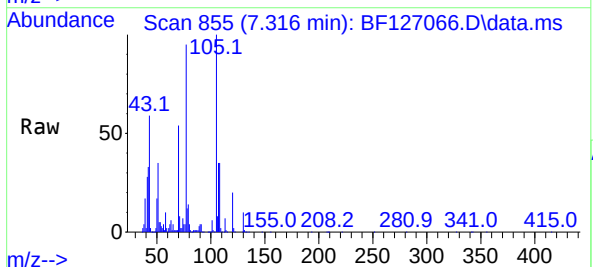
APPROVED

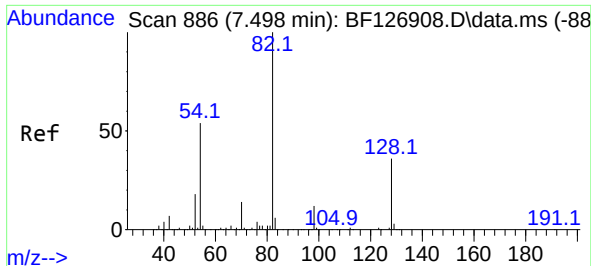
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#22  
Acetophenone  
Concen: 40.292 ng  
RT: 7.316 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:105 Resp: 314230  
Ion Ratio Lower Upper  
105 100  
71 8.3 5.4 8.0#  
51 35.4 27.4 41.0  
120 20.5 17.0 25.6





#23  
Nitrobenzene-d5  
Concen: 81.892 ng  
RT: 7.475 min Scan# 881  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

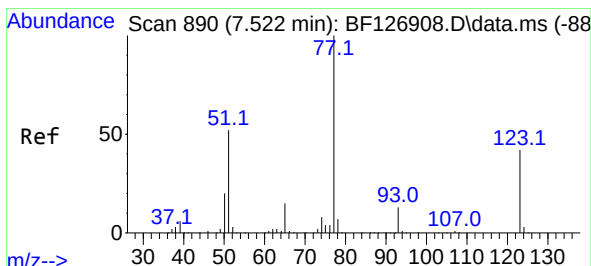
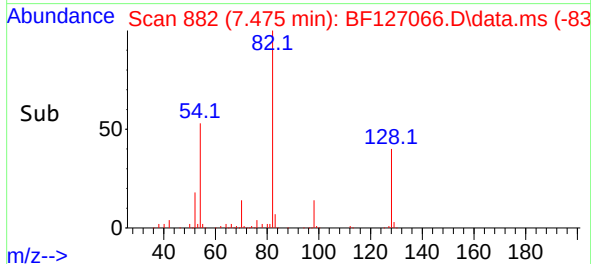
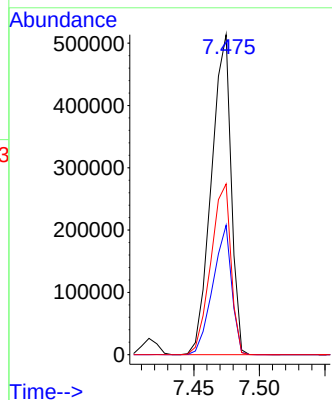
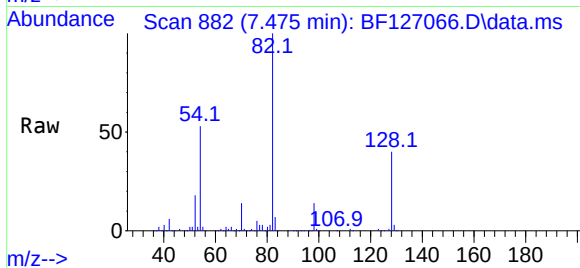
SSTDCCC040

Tgt Ion: 82 Resp: 53740  
Ion Ratio Lower Upper  
82 100  
128 40.5 32.7 49.1  
54 53.3 41.7 62.5

Manual Integrations

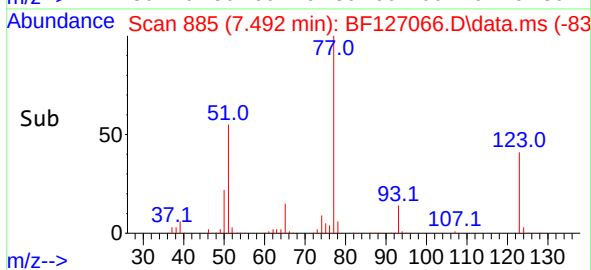
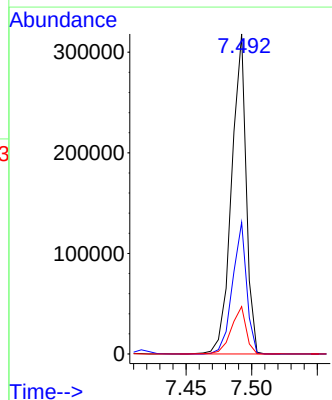
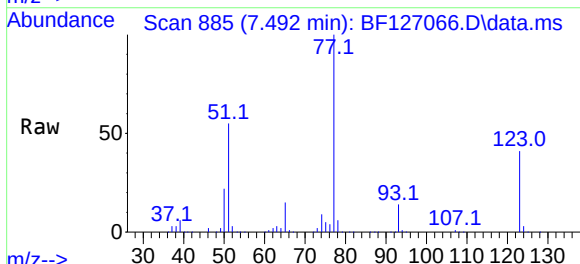
APPROVED

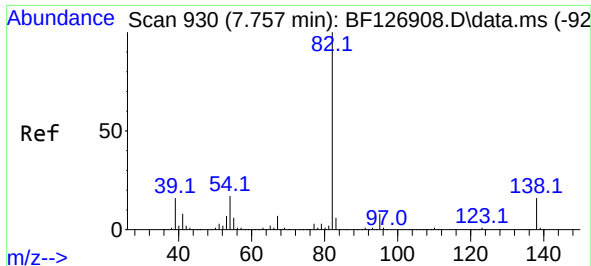
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#24  
Nitrobenzene  
Concen: 39.729 ng  
RT: 7.492 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion: 77 Resp: 246289  
Ion Ratio Lower Upper  
77 100  
123 41.1 34.6 52.0  
65 14.8 10.6 15.8





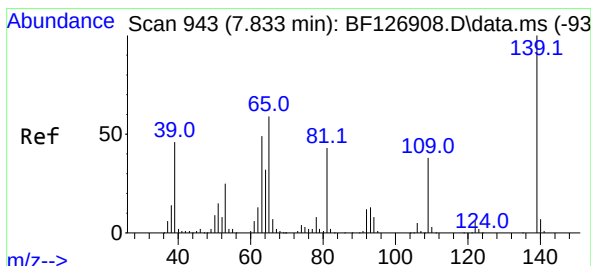
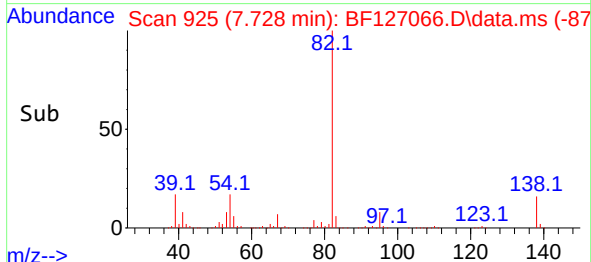
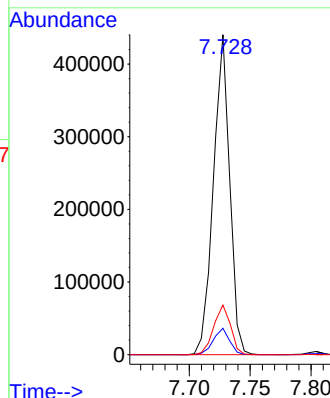
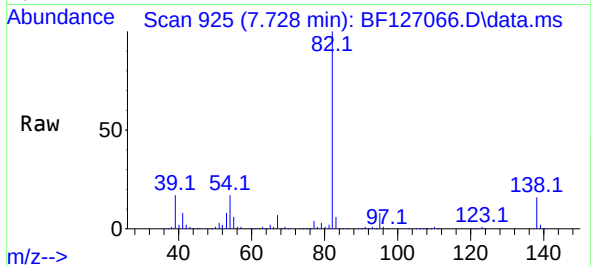
#25  
Isophorone  
Concen: 37.590 ng  
RT: 7.728 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 40818  
Ion Ratio Lower Upper  
82 100  
95 8.2 5.0 7.4  
138 15.5 12.3 18.5

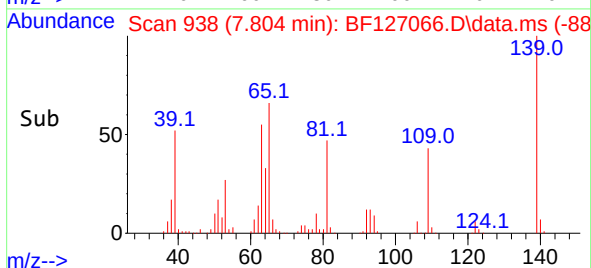
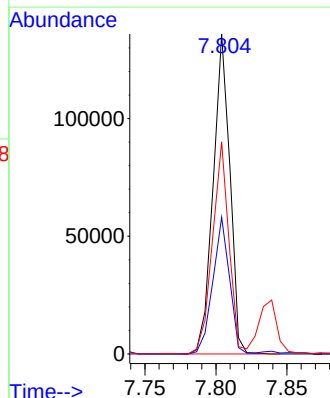
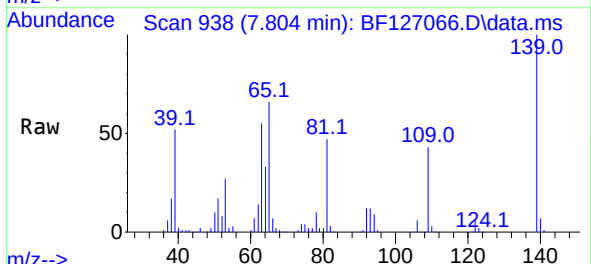
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



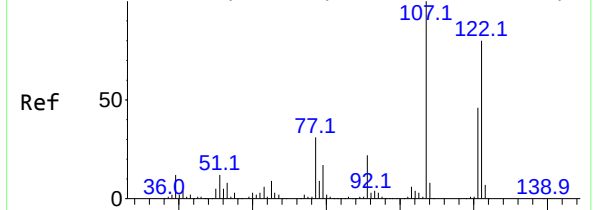
#26  
2-Nitrophenol  
Concen: 42.233 ng  
RT: 7.804 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:139 Resp: 111472  
Ion Ratio Lower Upper  
139 100  
109 42.7 20.0 30.0#  
65 66.3 40.8 61.2#



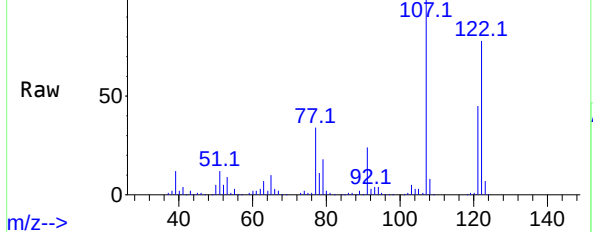


Abundance Scan 948 (7.863 min): BF126908.D\data.ms (-93



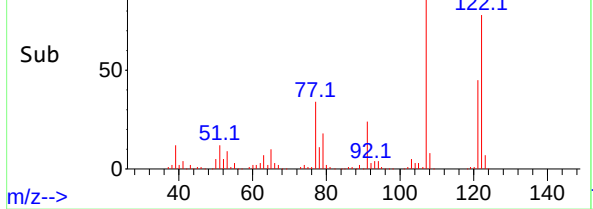
m/z-->

Abundance Scan 944 (7.839 min): BF127066.D\data.ms



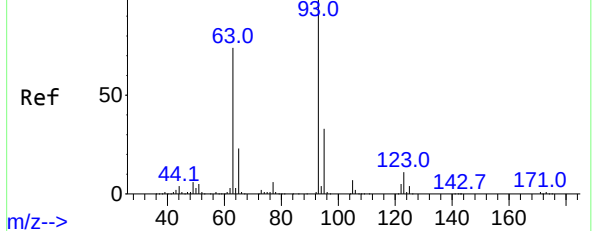
m/z-->

Abundance Scan 944 (7.839 min): BF127066.D\data.ms (-89



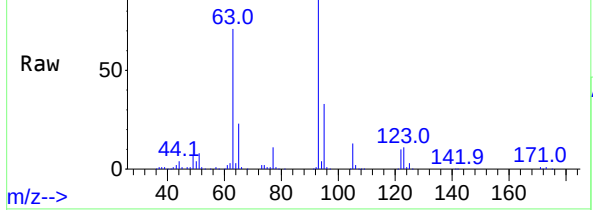
m/z-->

Abundance Scan 965 (7.963 min): BF126908.D\data.ms (-95



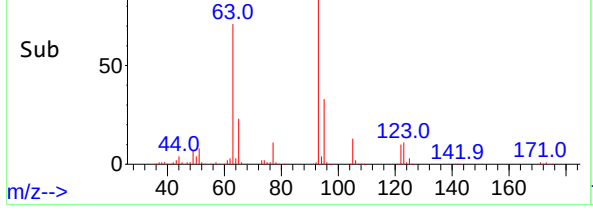
m/z-->

Abundance Scan 960 (7.933 min): BF127066.D\data.ms



m/z-->

Abundance Scan 960 (7.933 min): BF127066.D\data.ms (-91



m/z-->

#27

2,4-Dimethylphenol

Concen: 39.350 ng m

RT: 7.839 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127066.D

Acq: 25 Feb 2022 12:45

Tgt Ion:122 Resp: 17062

Ion Ratio Lower Upper

122 100

107 128.5 91.2 136.8

121 58.3 44.4 66.6

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

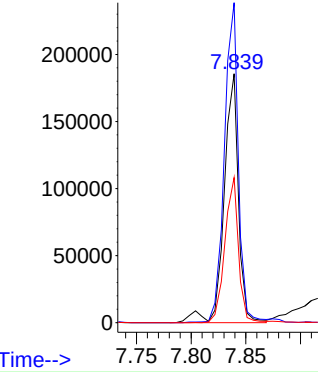
Manual Integrations

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Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022

Abundance



Time-->

#28

bis(2-Chloroethoxy)methane

Concen: 37.438 ng

RT: 7.933 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF127066.D

Acq: 25 Feb 2022 12:45

Tgt Ion: 93 Resp: 246464

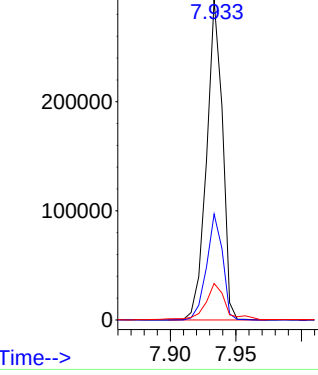
Ion Ratio Lower Upper

93 100

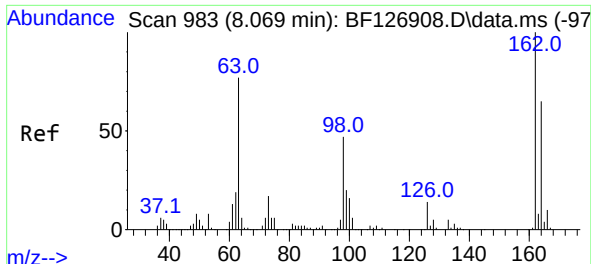
95 33.1 25.4 38.2

123 11.4 8.9 13.3

Abundance



Time-->



#29  
2,4-Dichlorophenol  
Concen: 42.545 ng  
RT: 8.045 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

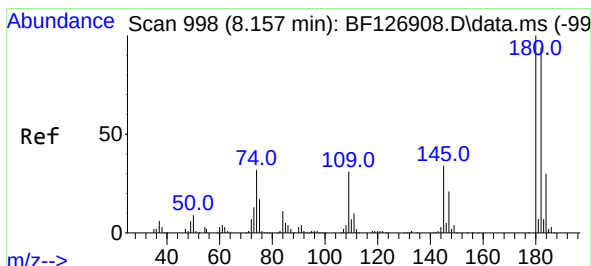
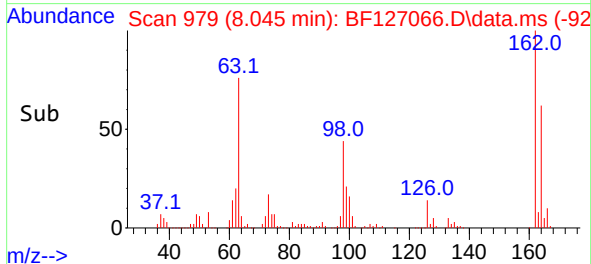
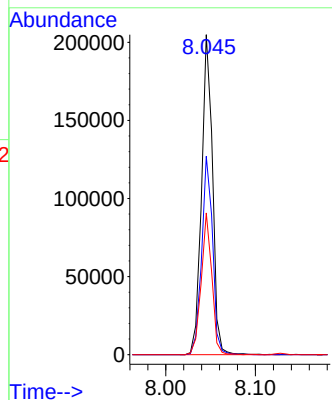
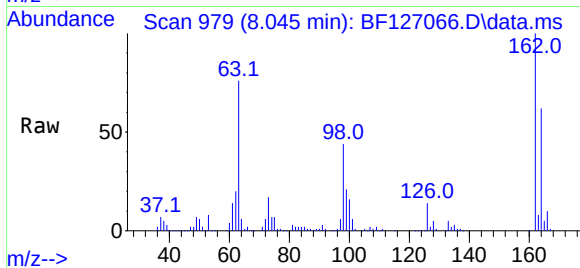
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 17343  
Ion Ratio Lower Upper  
162 100  
164 62.0 43.8 83.8  
98 44.3 23.6 63.6

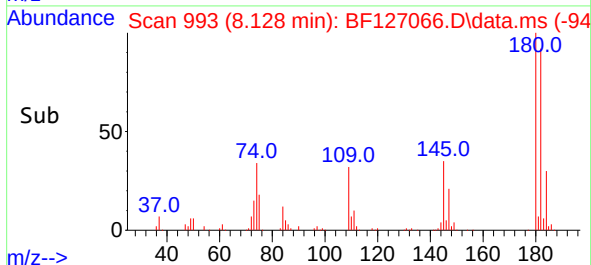
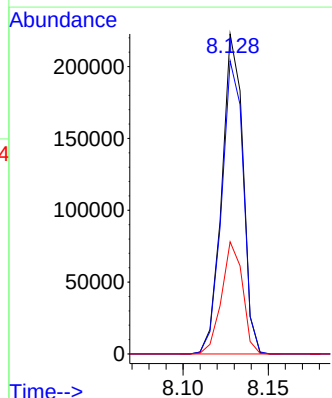
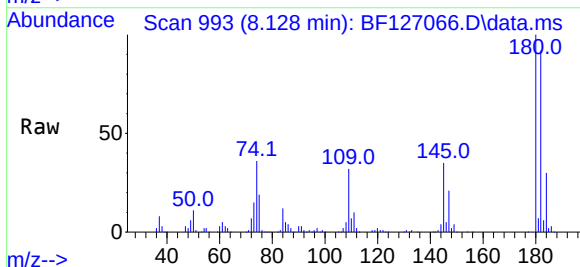
Manual Integrations  
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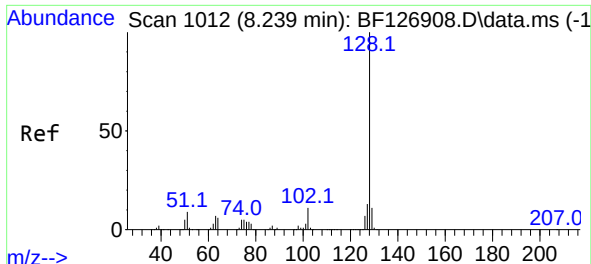
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 42.095 ng  
RT: 8.128 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

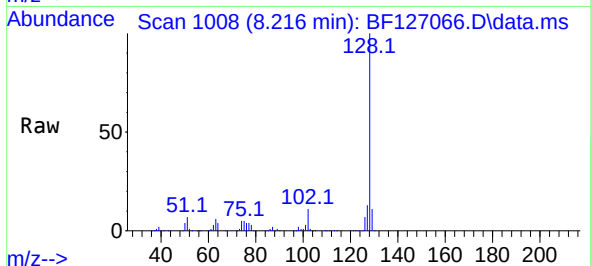
Tgt Ion:180 Resp: 191855  
Ion Ratio Lower Upper  
180 100  
182 91.6 75.5 113.3  
145 35.1 26.2 39.2





#31  
Naphthalene  
Concen: 40.417 ng  
RT: 8.216 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

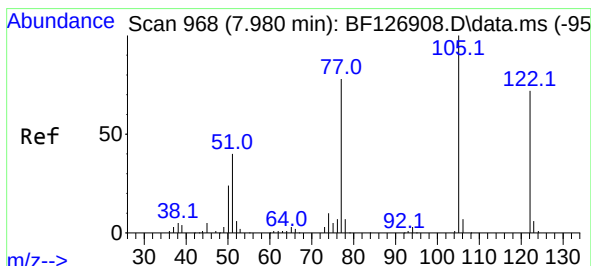
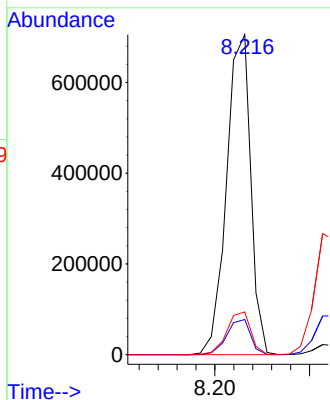
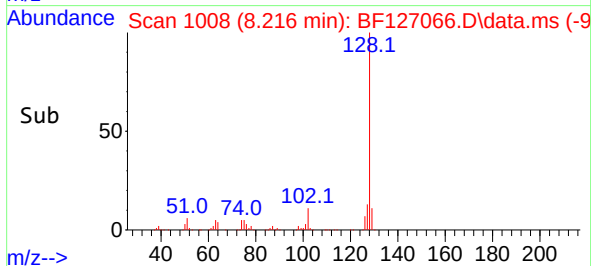
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



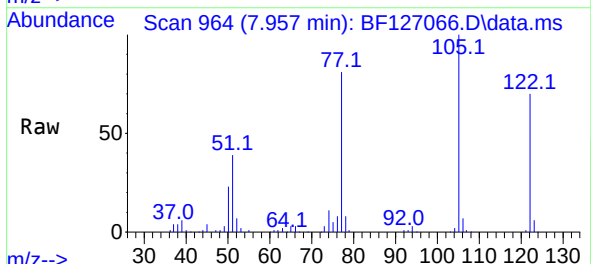
Tgt Ion:128 Resp: 624952  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.4 10.3 15.5

Manual Integrations  
APPROVED

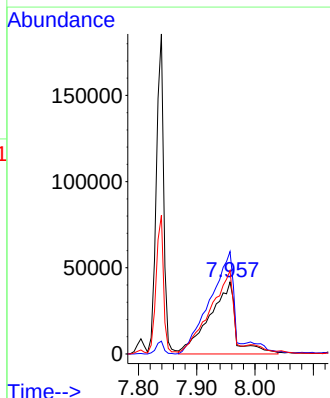
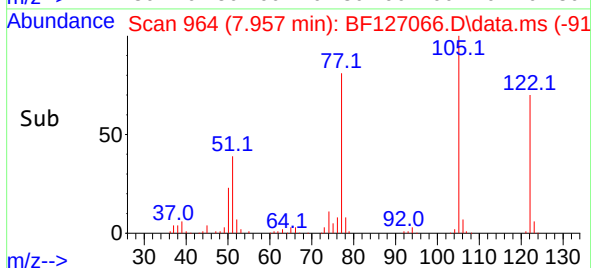
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

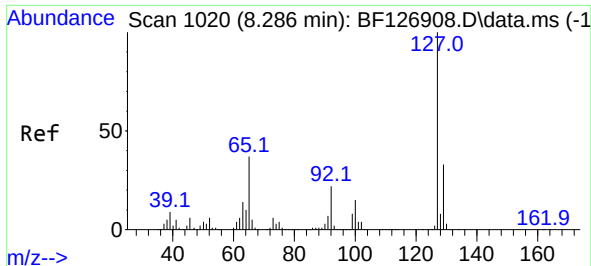


#32  
Benzoic acid  
Concen: 42.973 ng m  
RT: 7.957 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:122 Resp: 132147  
Ion Ratio Lower Upper  
122 100  
105 142.3 101.0 141.0#  
77 115.8 74.5 114.5#





#33  
4-Chloroaniline  
Concen: 39.961 ng  
RT: 8.257 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

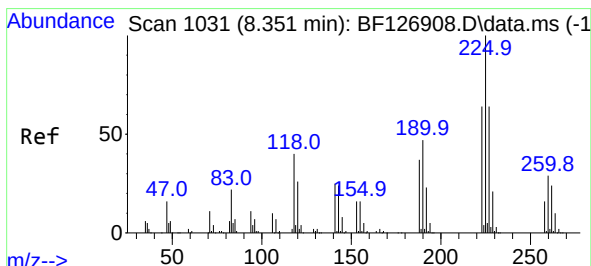
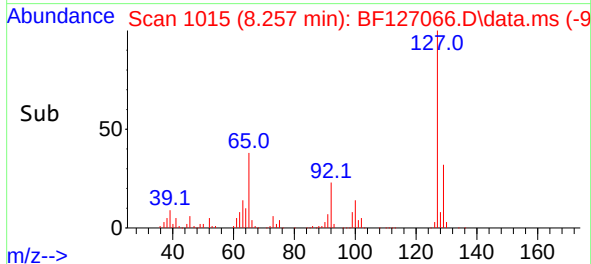
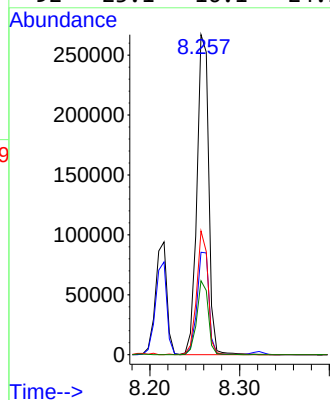
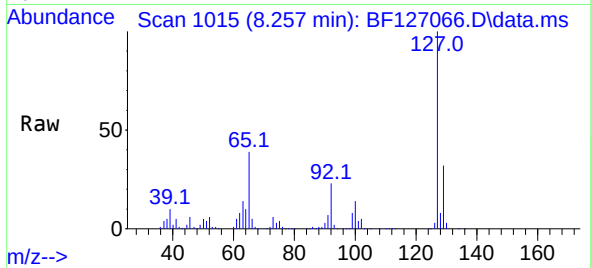
SSTDCCC040

Tgt Ion:127 Resp: 243200  
Ion Ratio Lower Upper  
127 100  
129 32.0 26.5 39.7  
65 38.6 26.6 39.8  
92 23.1 16.1 24.1

Manual Integrations

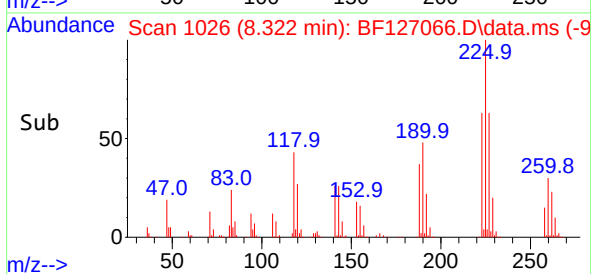
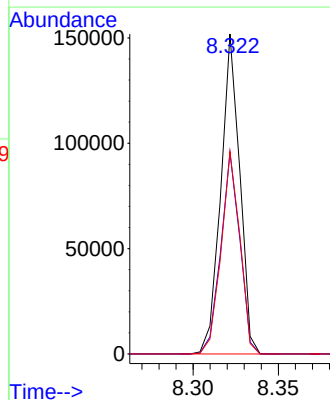
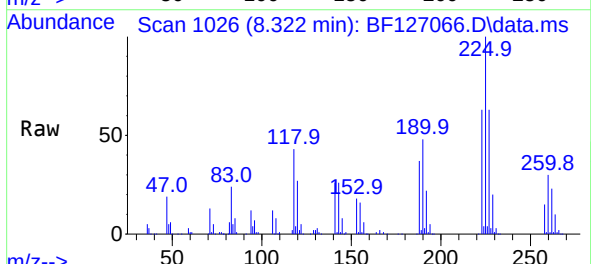
APPROVED

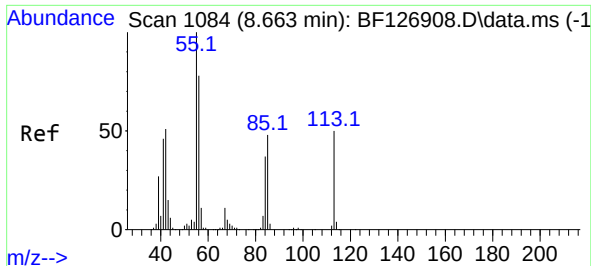
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#34  
Hexachlorobutadiene  
Concen: 44.021 ng  
RT: 8.322 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

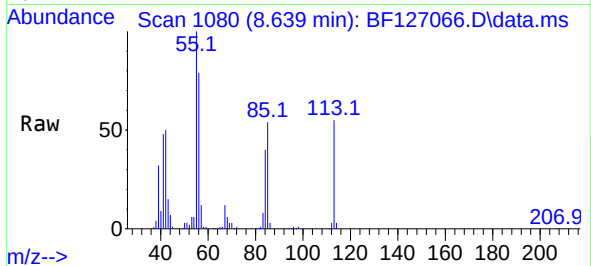
Tgt Ion:225 Resp: 117132  
Ion Ratio Lower Upper  
225 100  
223 63.0 48.6 73.0  
227 63.2 51.4 77.0





#35  
Caprolactam  
Concen: 38.291 ng  
RT: 8.639 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

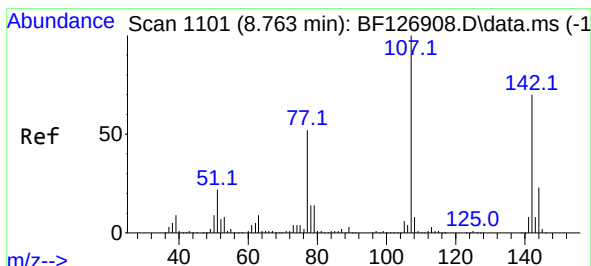
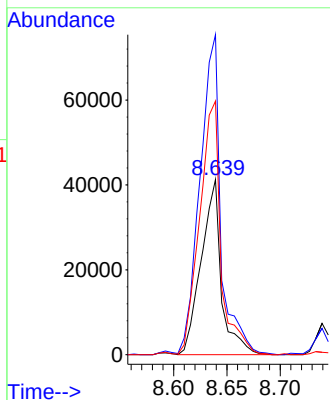
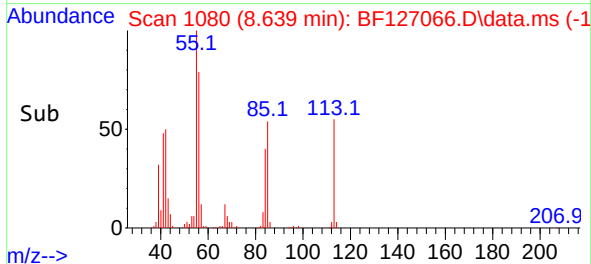
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 54510  
Ion Ratio Lower Upper  
113 100  
55 182.7 183.9 223.9  
56 144.8 129.9 169.9

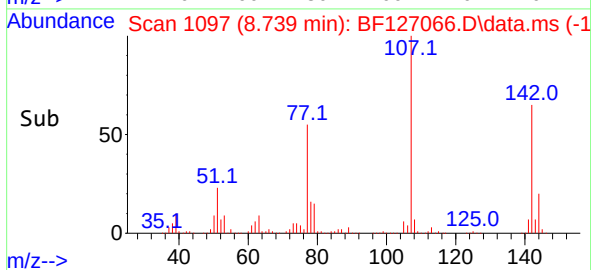
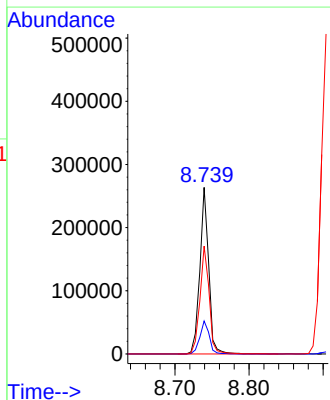
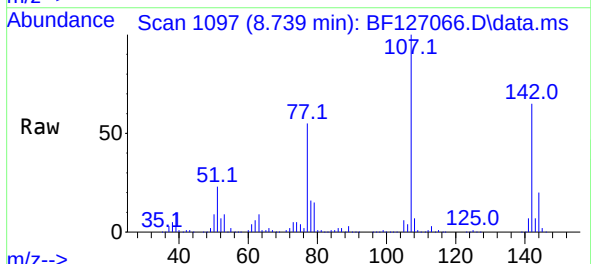
Manual Integrations  
APPROVED

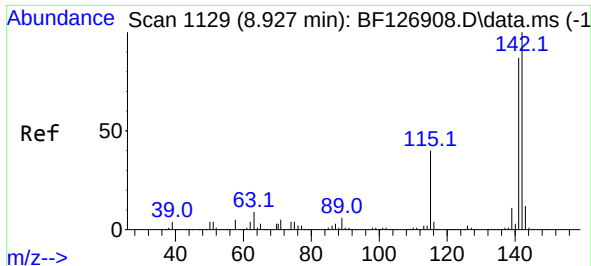
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#36  
4-Chloro-3-methylphenol  
Concen: 42.134 ng  
RT: 8.739 min Scan# 1097  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:107 Resp: 219517  
Ion Ratio Lower Upper  
107 100  
144 19.8 18.5 27.7  
142 64.7 58.1 87.1





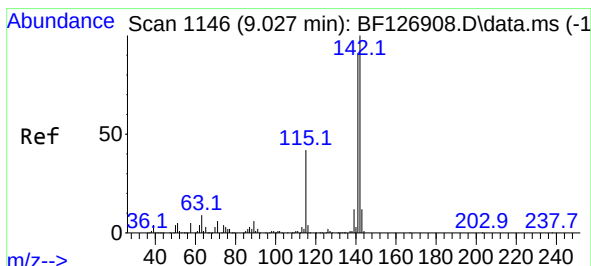
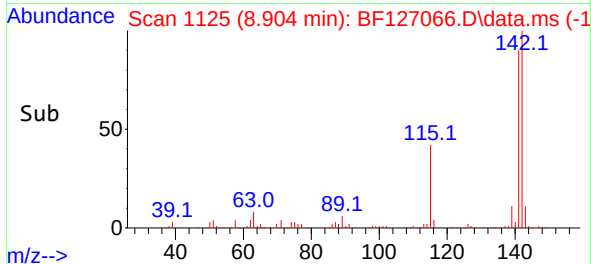
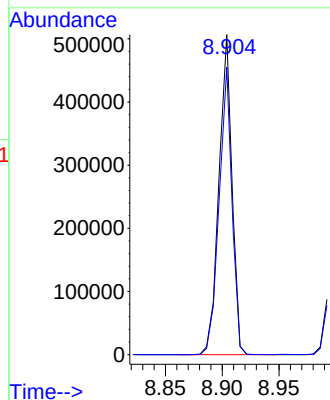
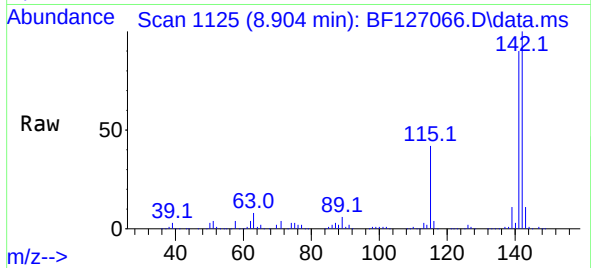
#37  
2-Methylnaphthalene  
Concen: 40.494 ng  
RT: 8.904 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 40628  
Ion Ratio Lower Upper  
142 100  
141 89.8 68.6 102.8

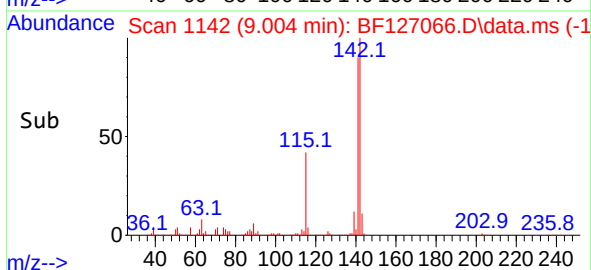
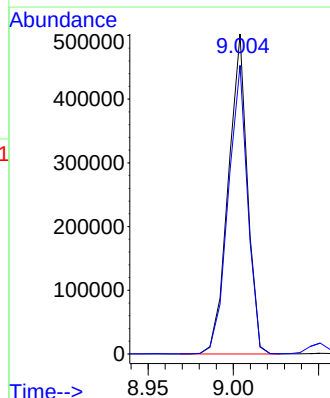
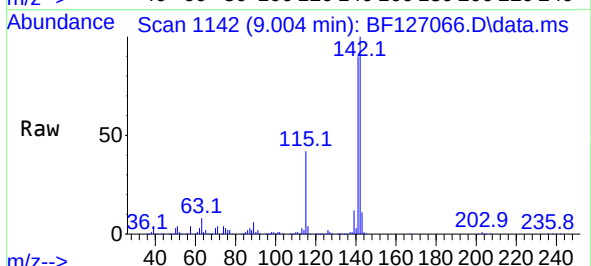
Manual Integrations  
APPROVED

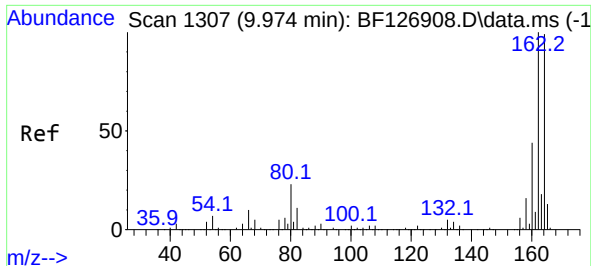
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#38  
1-Methylnaphthalene  
Concen: 40.907 ng  
RT: 9.004 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:142 Resp: 393026  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.1 108.1





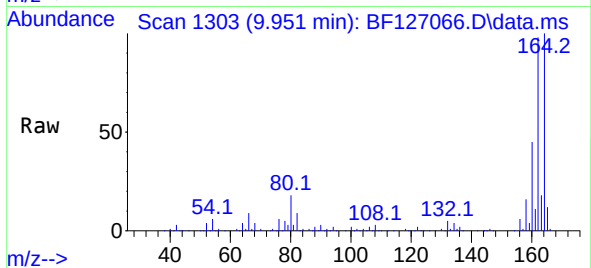
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

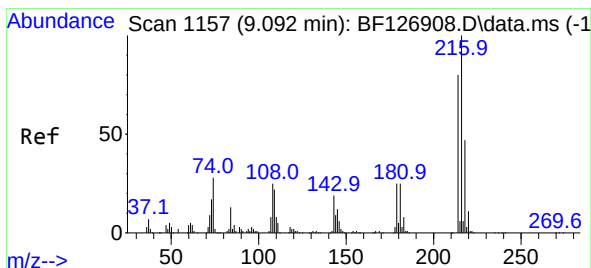
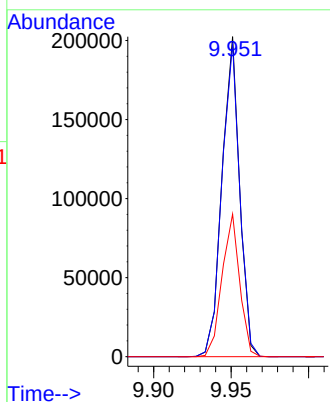
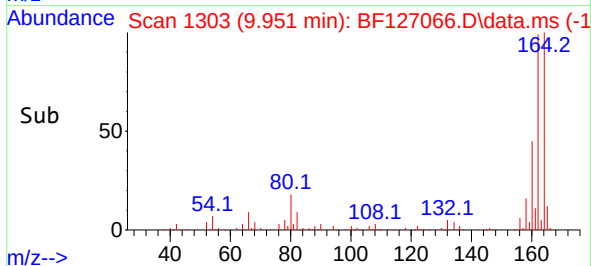


Tgt Ion:164 Resp: 159410  
Ion Ratio Lower Upper  
164 100  
162 97.9 81.4 122.0  
160 44.6 36.6 54.8

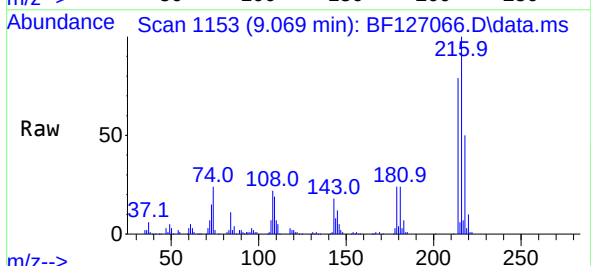
Manual Integrations

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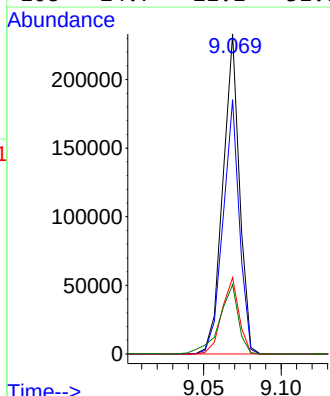
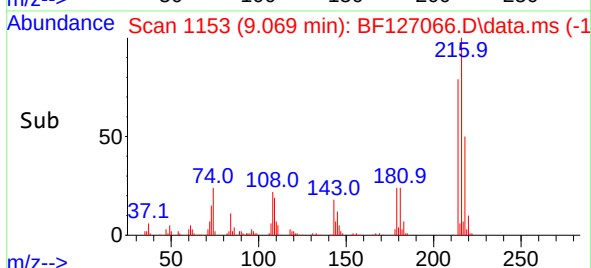
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

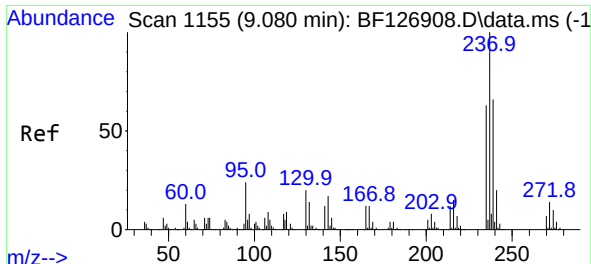


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.276 ng  
RT: 9.069 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:216 Resp: 173203  
Ion Ratio Lower Upper  
216 100  
214 78.3 64.6 96.8  
179 24.6 19.5 29.3  
108 24.7 21.1 31.7





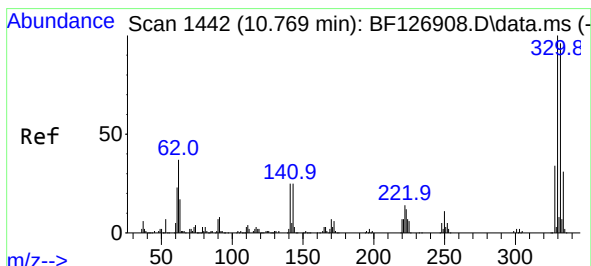
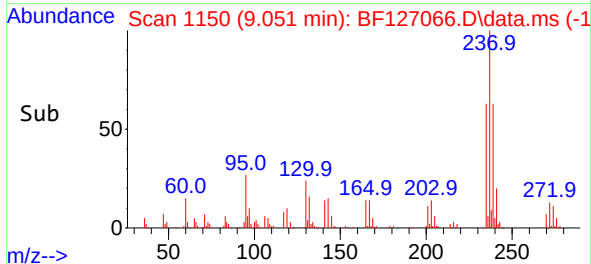
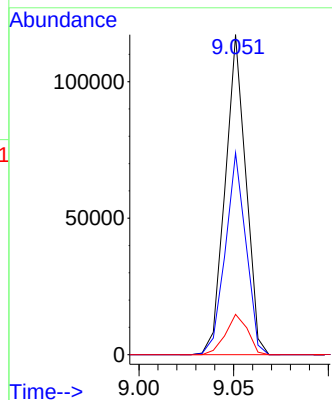
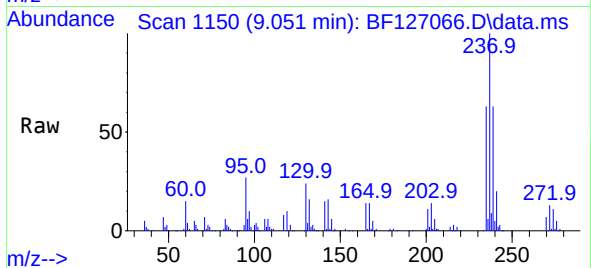
#41  
Hexachlorocyclopentadiene  
Concen: 39.101 ng  
RT: 9.051 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 88989  
Ion Ratio Lower Upper  
237 100  
235 63.1 38.9 78.9  
272 12.6 0.0 33.5

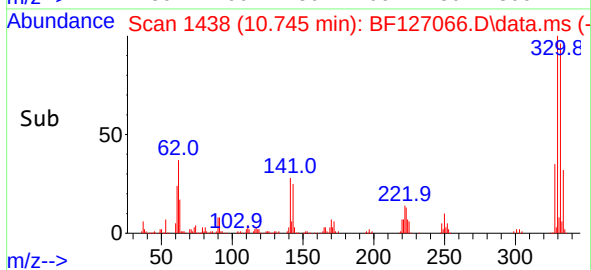
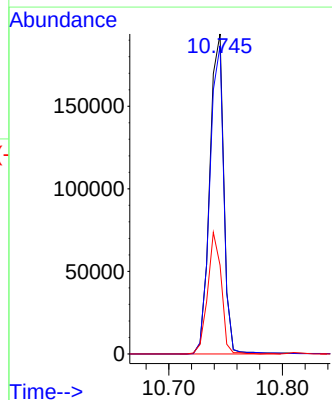
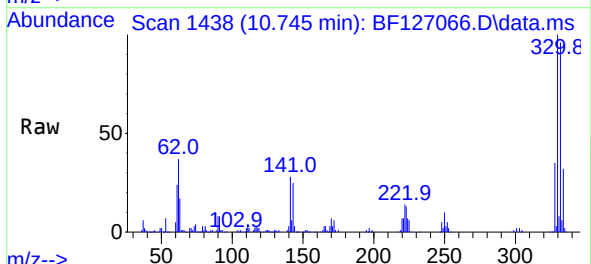
Manual Integrations  
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Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

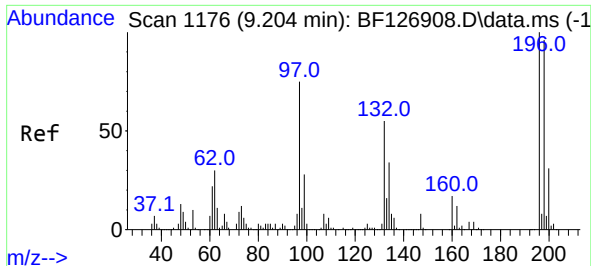


#42  
2,4,6-Tribromophenol  
Concen: 90.295 ng  
RT: 10.745 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:330 Resp: 165727  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.0 114.0  
141 36.9 30.1 45.1







#43  
2,4,6-Trichlorophenol  
Concen: 40.833 ng  
RT: 9.180 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

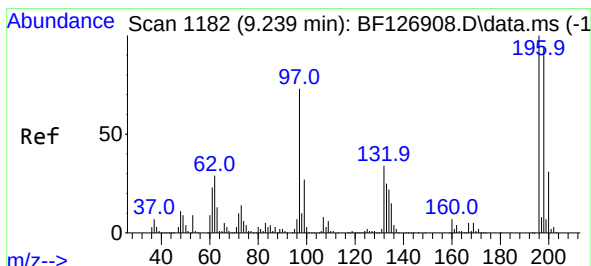
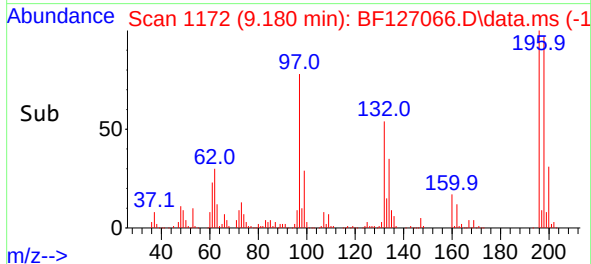
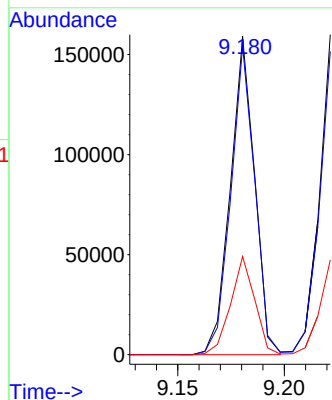
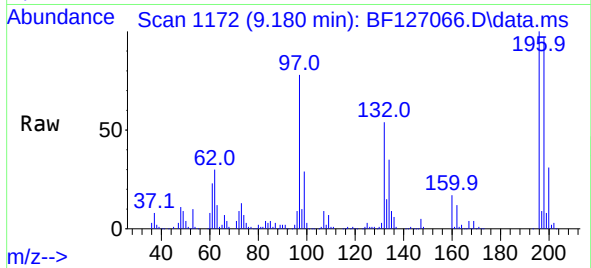
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Tgt Ion:196 Resp: 125670  
Ion Ratio Lower Upper  
196 100  
198 97.1 78.5 117.7  
200 30.9 24.9 37.3

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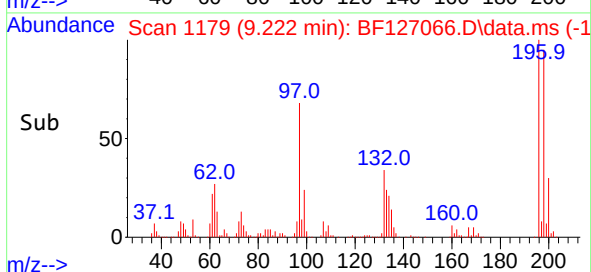
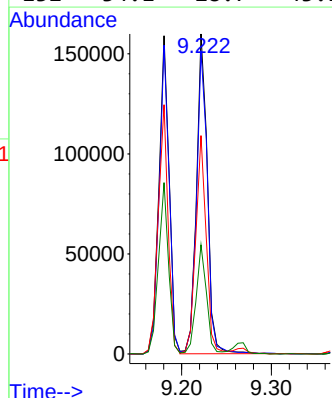
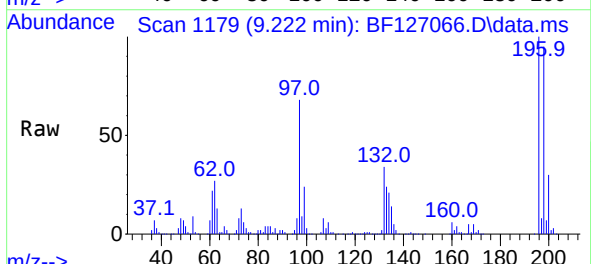
APPROVED

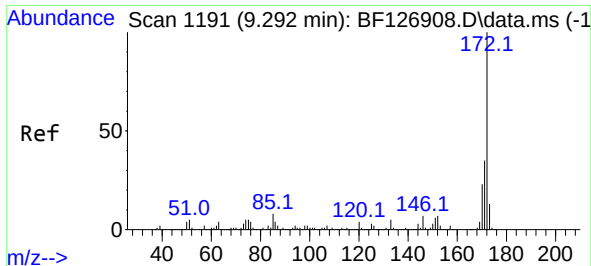
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#44  
2,4,5-Trichlorophenol  
Concen: 41.696 ng  
RT: 9.222 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:196 Resp: 135040  
Ion Ratio Lower Upper  
196 100  
198 94.8 82.0 123.0  
97 68.3 53.5 80.3  
132 34.1 28.7 43.1





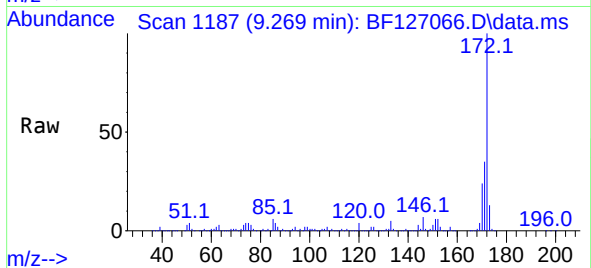
#45  
2-Fluorobiphenyl  
Concen: 82.626 ng  
RT: 9.269 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

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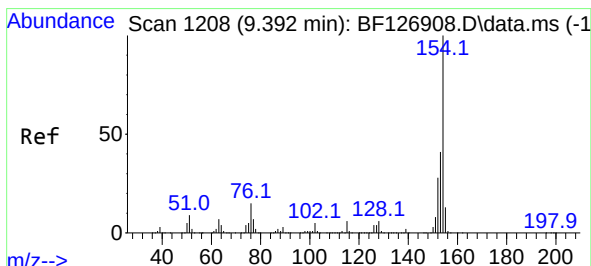
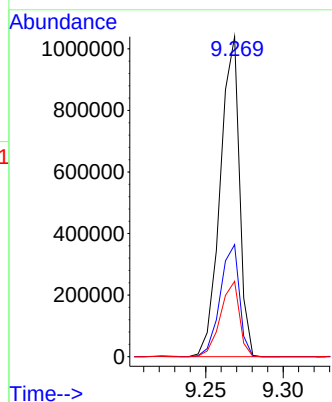
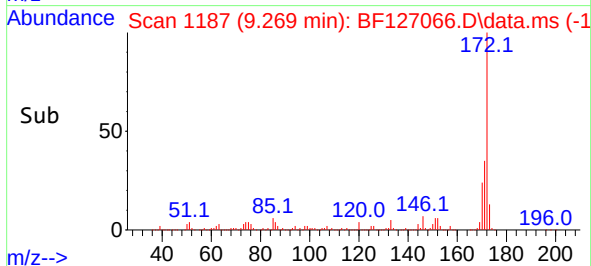


Tgt Ion:172 Resp: 89470  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.3 42.5  
170 23.5 19.0 28.6

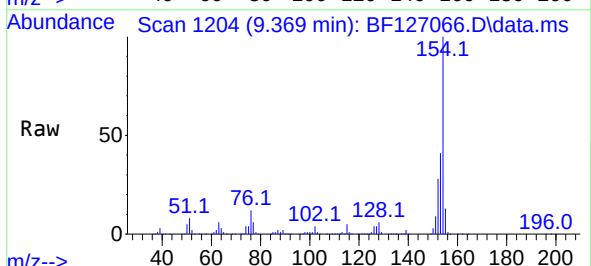
Manual Integrations

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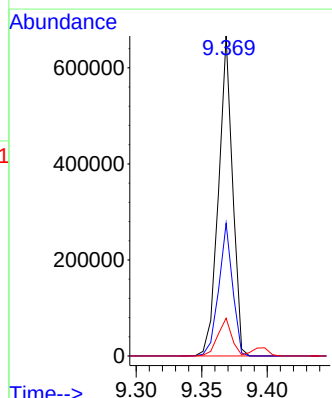
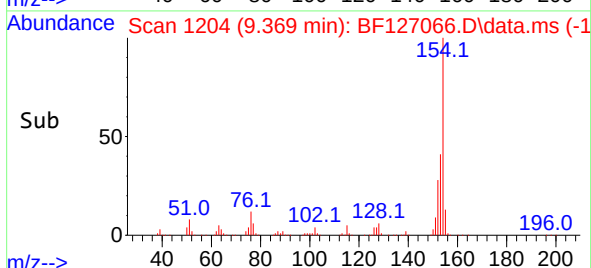
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

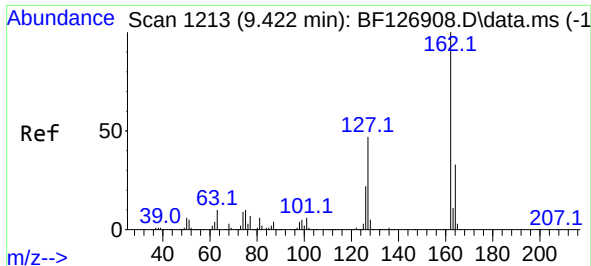


#46  
1,1'-Biphenyl  
Concen: 39.189 ng  
RT: 9.369 min Scan# 1204  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:154 Resp: 494947  
Ion Ratio Lower Upper  
154 100  
153 41.5 19.0 59.0  
76 11.8 0.0 34.5





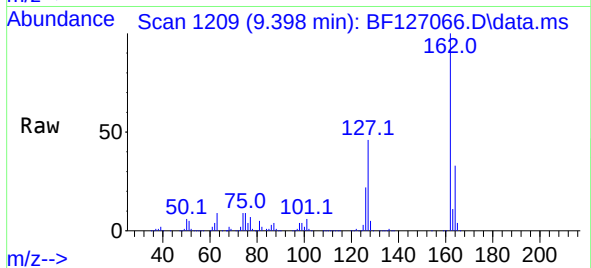
#47  
2-Chloronaphthalene  
Concen: 39.231 ng  
RT: 9.398 min Scan# 1209  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

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ClientSampleId :

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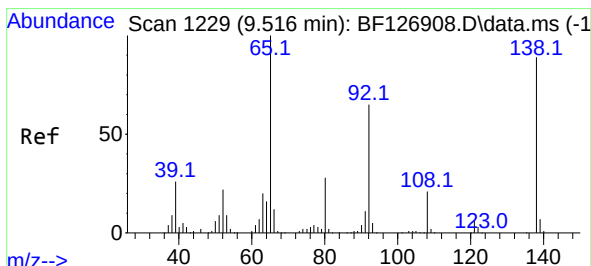
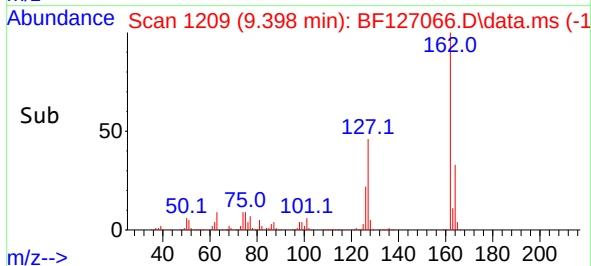
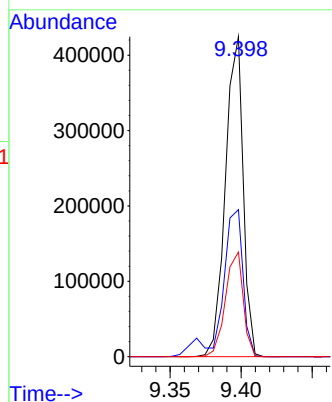


Tgt Ion:162 Resp: 367428  
Ion Ratio Lower Upper  
162 100  
127 45.9 33.5 50.3  
164 32.7 26.2 39.4

Manual Integrations

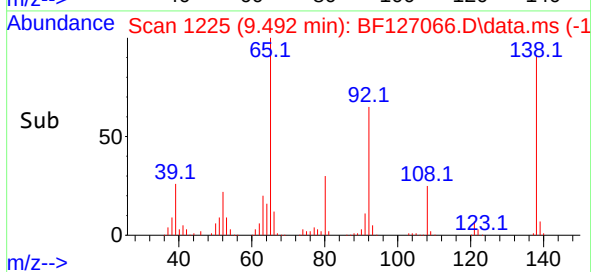
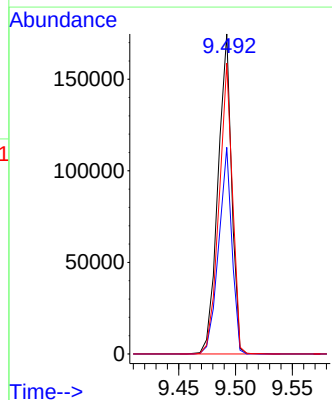
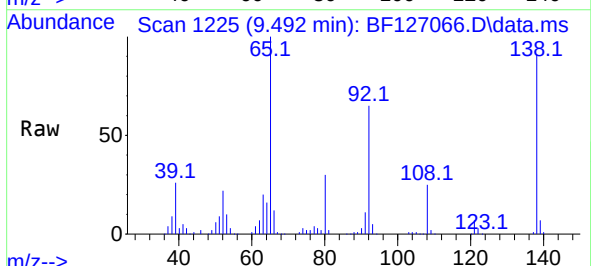
APPROVED

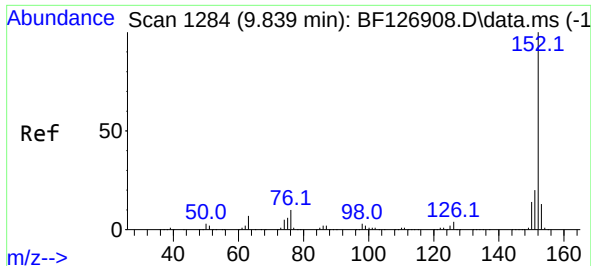
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#48  
2-Nitroaniline  
Concen: 39.712 ng  
RT: 9.492 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion: 65 Resp: 146772  
Ion Ratio Lower Upper  
65 100  
92 64.5 54.4 81.6  
138 90.8 72.5 108.7





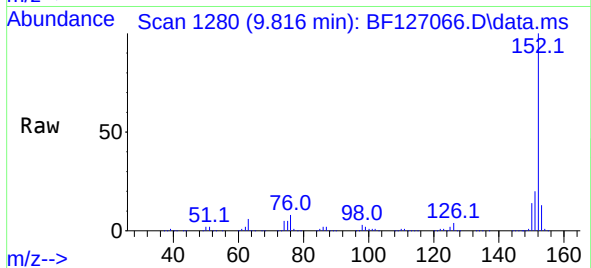
#49  
Acenaphthylene  
Concen: 39.647 ng  
RT: 9.816 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

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ClientSampleId :

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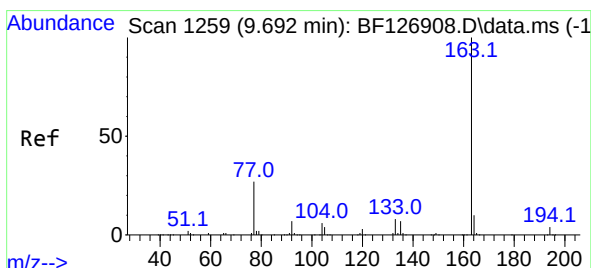
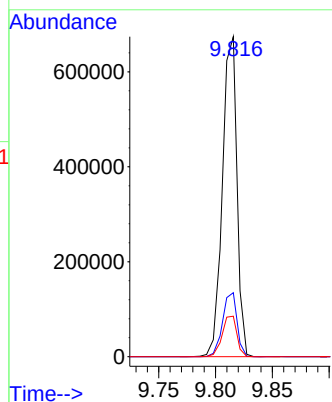
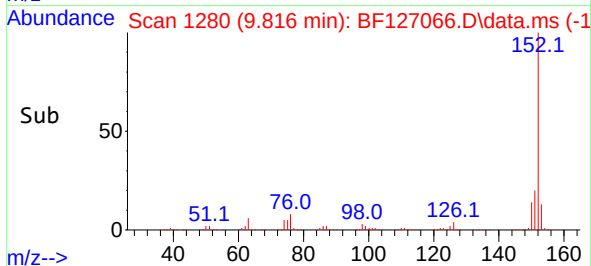


Tgt Ion:152 Resp: 603162  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.7 23.5  
153 12.7 11.4 17.0

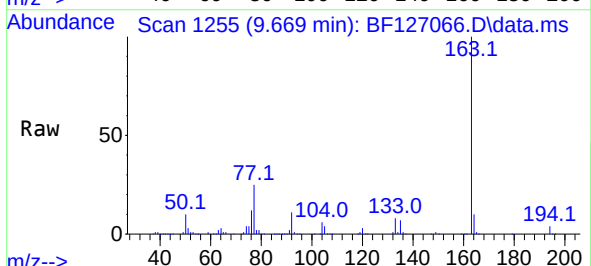
Manual Integrations

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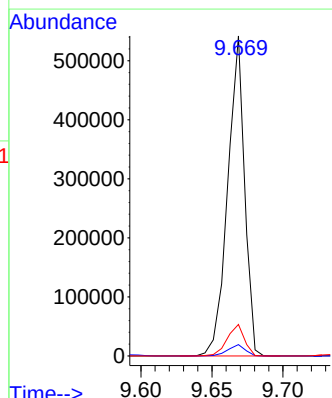
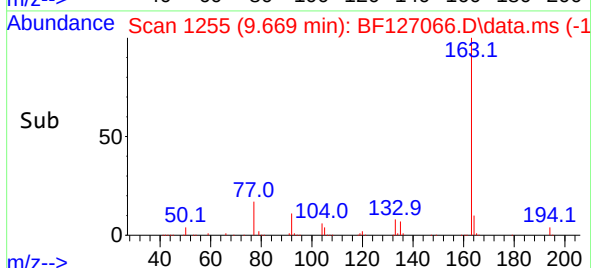
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

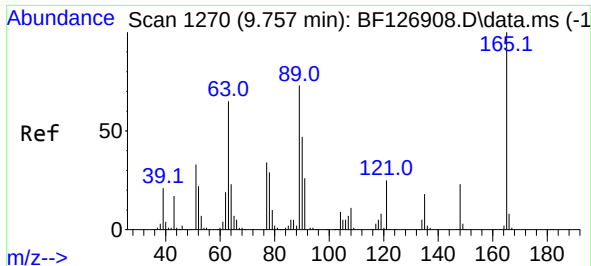


#50  
Dimethylphthalate  
Concen: 39.402 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:163 Resp: 448963  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.6 3.8  
164 9.8 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 40.932 ng  
RT: 9.733 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

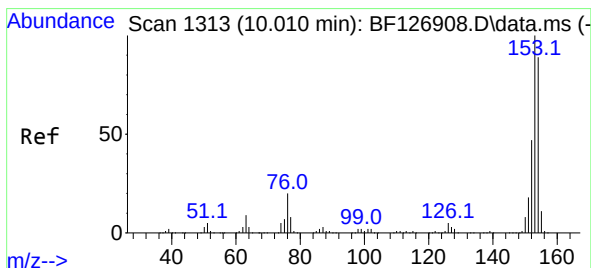
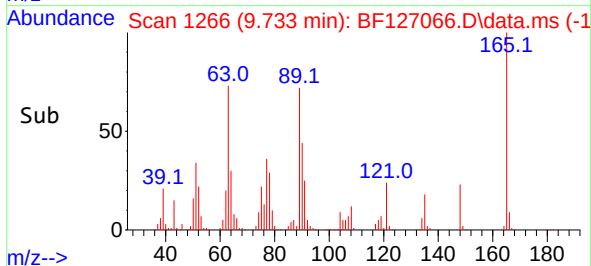
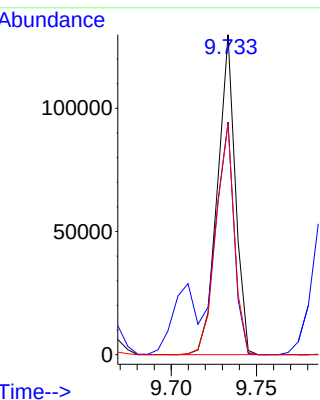
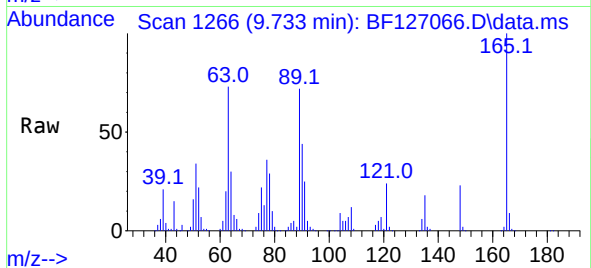
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Tgt Ion:165 Resp: 94889  
Ion Ratio Lower Upper  
165 100  
63 72.7 48.4 72.6  
89 72.2 50.5 75.7

Manual Integrations

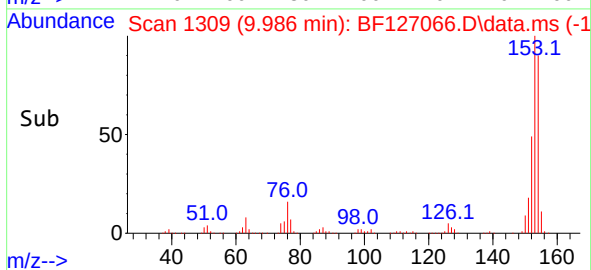
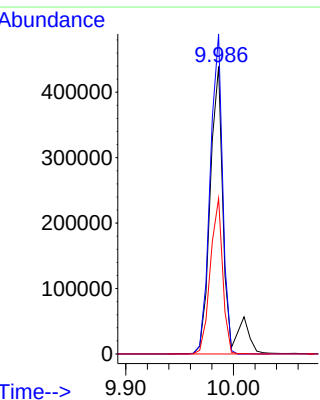
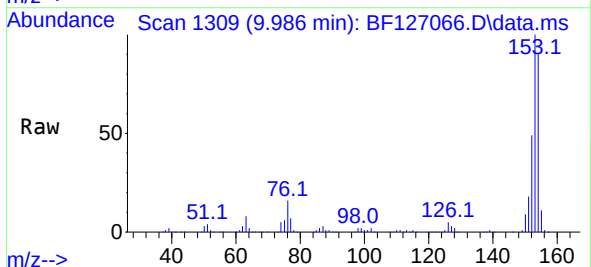
APPROVED

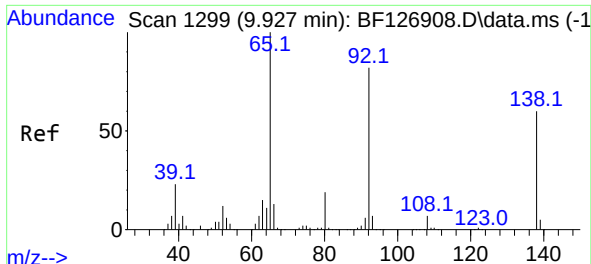
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#52  
Acenaphthene  
Concen: 40.116 ng m  
RT: 9.986 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:154 Resp: 396906  
Ion Ratio Lower Upper  
154 100  
153 111.3 87.8 131.6  
152 54.1 39.4 59.2





#53  
3-Nitroaniline  
Concen: 39.334 ng  
RT: 9.904 min Scan# 11146  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

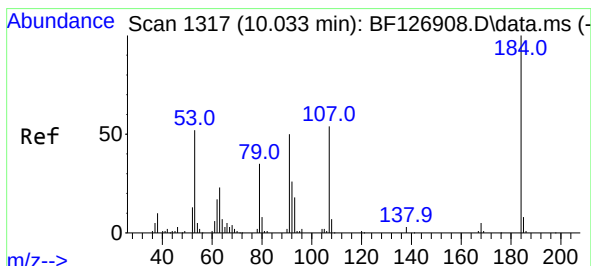
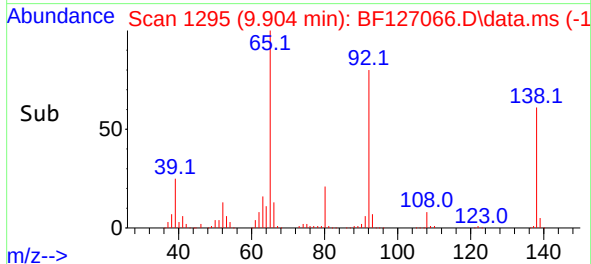
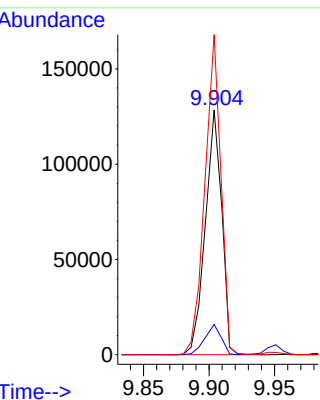
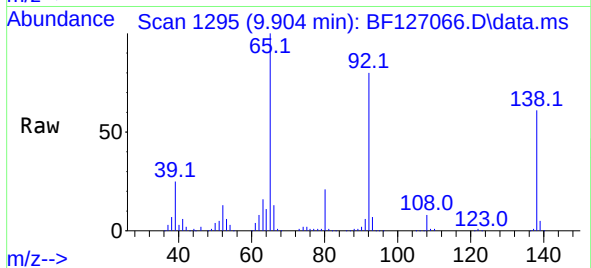
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Tgt Ion:138 Resp: 11146  
Ion Ratio Lower Upper  
138 100  
108 12.4 8.6 13.0  
92 130.7 105.0 157.6

Manual Integrations

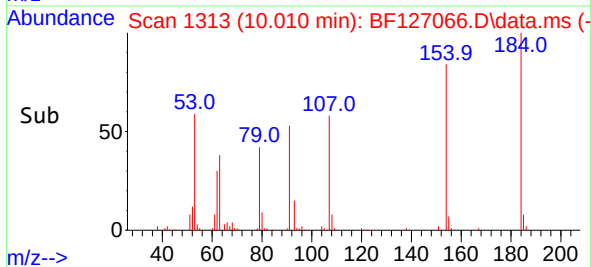
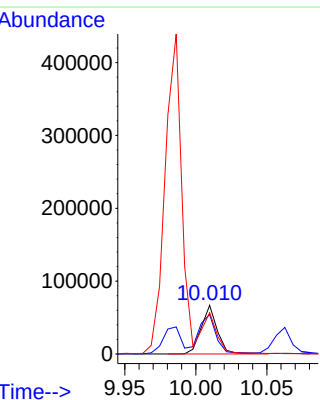
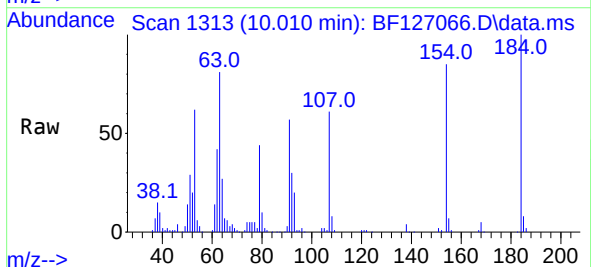
APPROVED

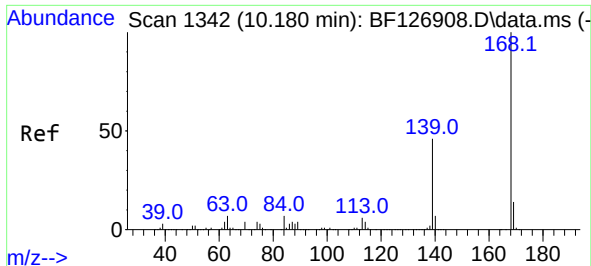
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#54  
2,4-Dinitrophenol  
Concen: 43.256 ng  
RT: 10.010 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:184 Resp: 53076  
Ion Ratio Lower Upper  
184 100  
63 81.0 70.4 105.6  
154 84.8 49.7 74.5#





#55  
Dibenzofuran  
Concen: 39.855 ng  
RT: 10.157 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

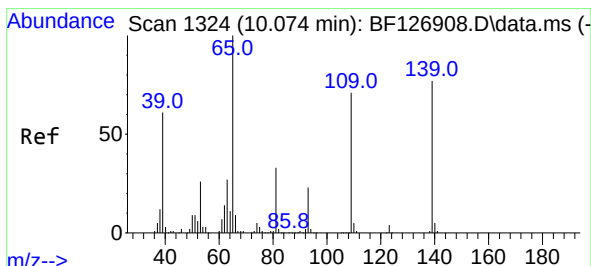
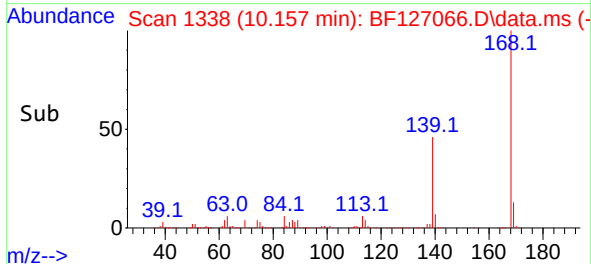
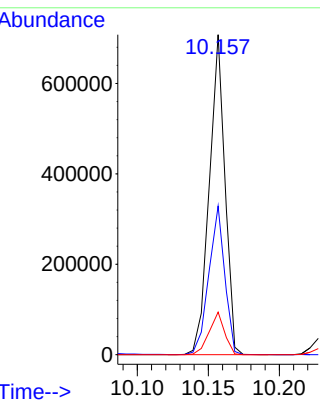
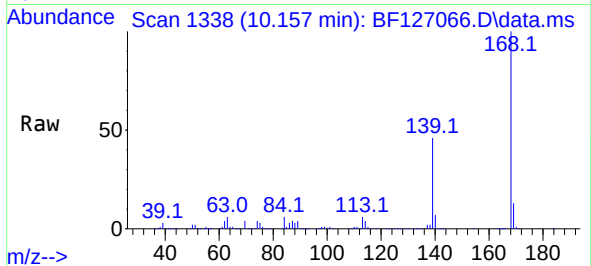
SSTDCCC040

Tgt Ion:168 Resp: 542225  
Ion Ratio Lower Upper  
168 100  
139 46.5 30.6 46.0  
169 13.3 10.0 15.0

Manual Integrations

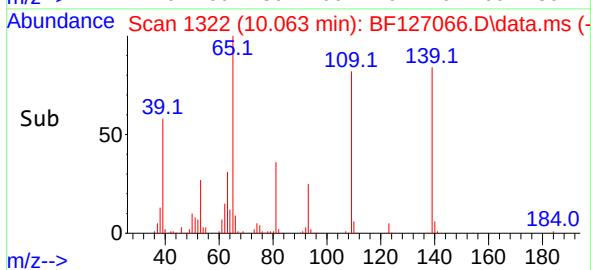
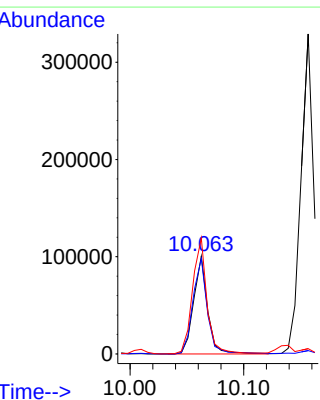
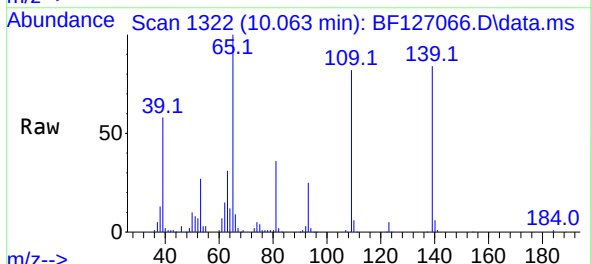
APPROVED

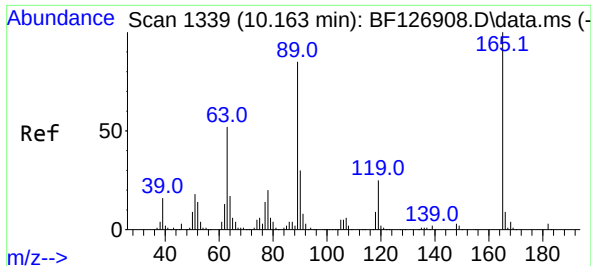
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#56  
4-Nitrophenol  
Concen: 40.833 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:139 Resp: 85463  
Ion Ratio Lower Upper  
139 100  
109 97.7 44.1 84.1#  
65 118.5 85.5 125.5





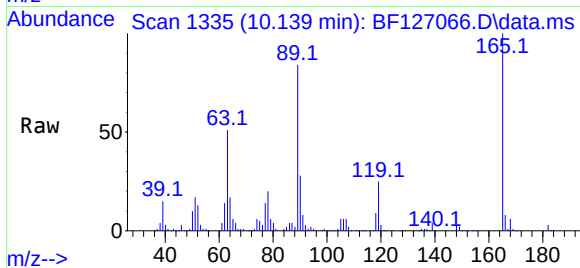
#57  
2,4-Dinitrotoluene  
Concen: 41.713 ng  
RT: 10.139 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

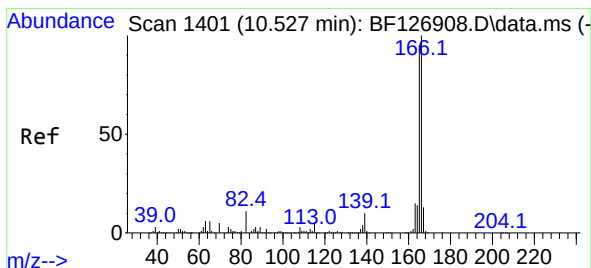
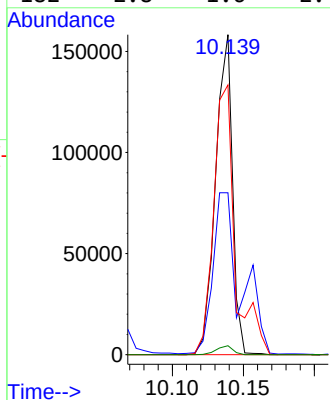
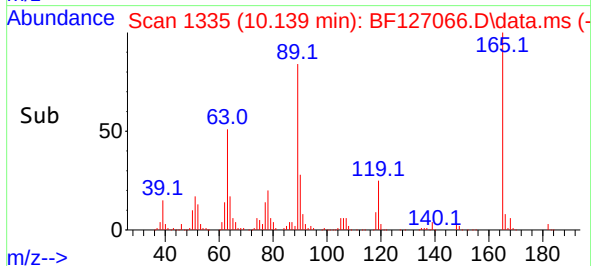


Tgt Ion:165 Resp: 13074  
Ion Ratio Lower Upper  
165 100  
63 50.6 43.0 64.6  
89 84.3 71.0 106.4  
182 2.8 1.6 2.4#

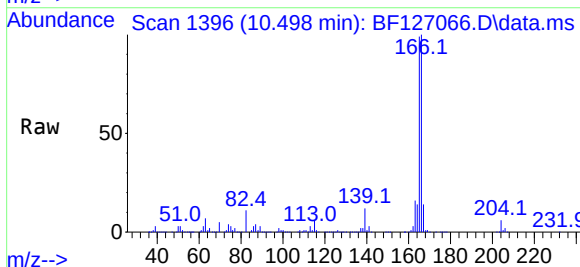
Manual Integrations

APPROVED

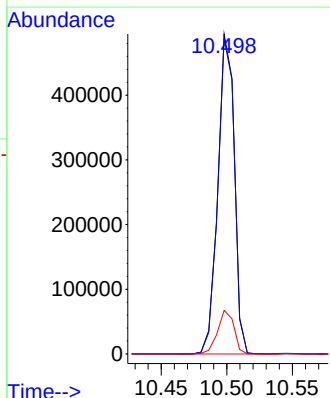
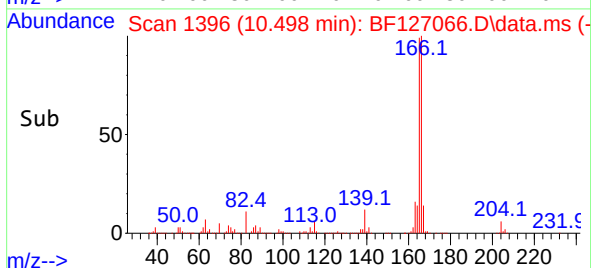
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



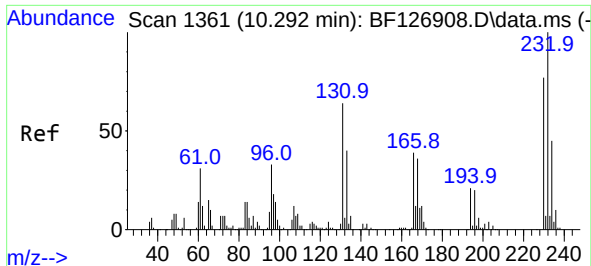
#58  
Fluorene  
Concen: 40.676 ng  
RT: 10.498 min Scan# 1396  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:166 Resp: 431062  
Ion Ratio Lower Upper  
166 100  
165 98.6 77.7 116.5  
167 13.6 10.7 16.1







#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.338 ng  
RT: 10.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

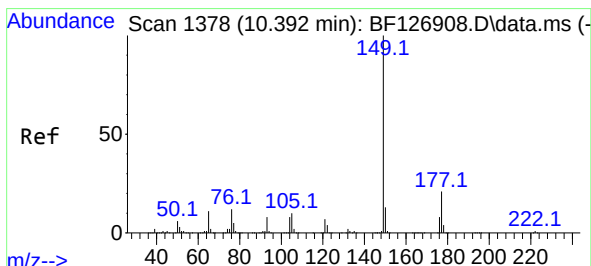
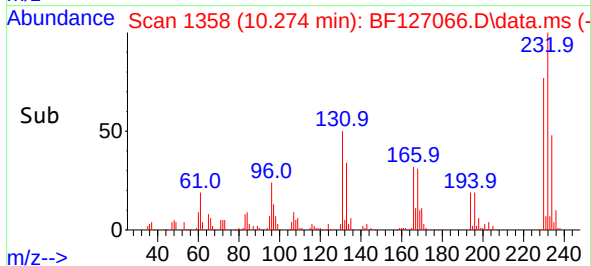
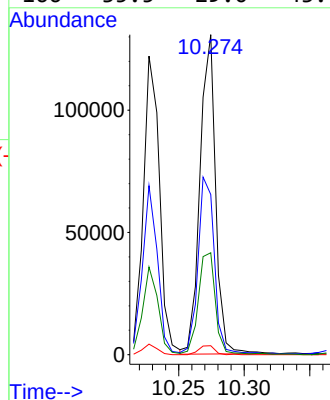
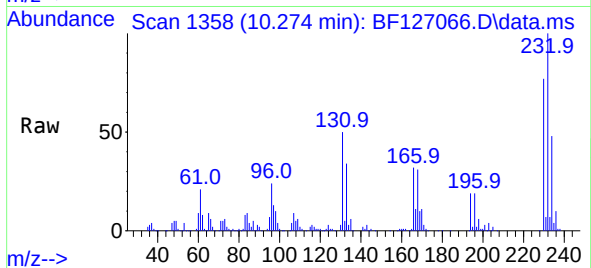
SSTDCCC040

Tgt Ion:232 Resp: 10870  
Ion Ratio Lower Upper  
232 100  
131 58.4 50.0 75.0  
130 2.9 2.2 3.2  
166 35.5 29.0 43.4

Manual Integrations

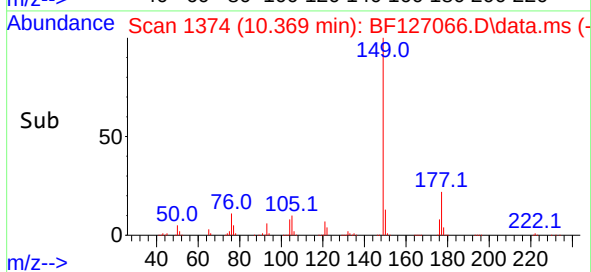
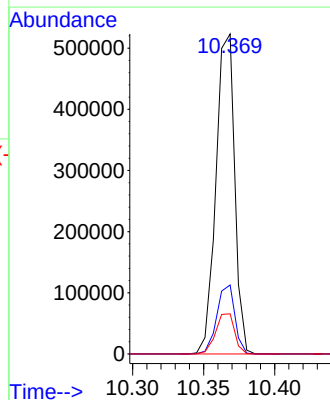
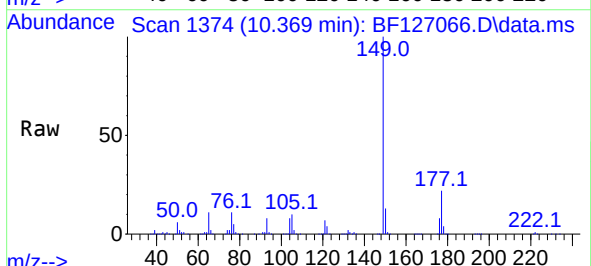
APPROVED

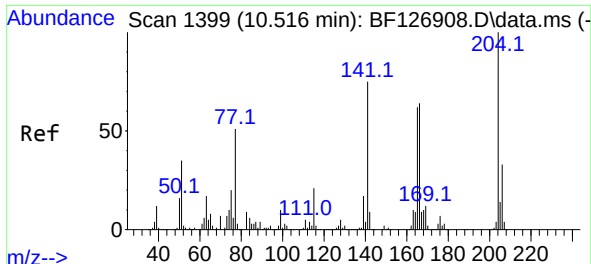
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#60  
Diethylphthalate  
Concen: 40.266 ng  
RT: 10.369 min Scan# 1374  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:149 Resp: 479412  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.7 25.1  
150 12.5 9.8 14.8





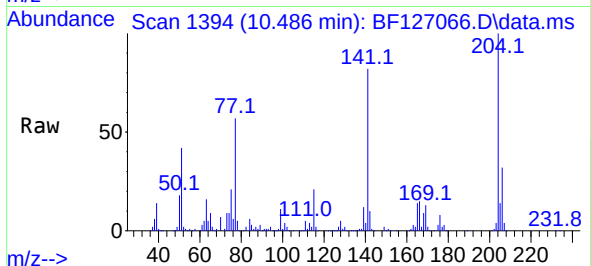
#61  
4-Chlorophenyl-phenylether  
Concen: 41.949 ng  
RT: 10.486 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

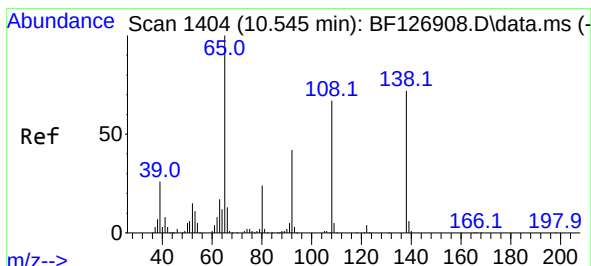
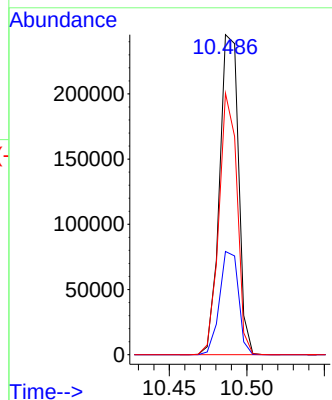
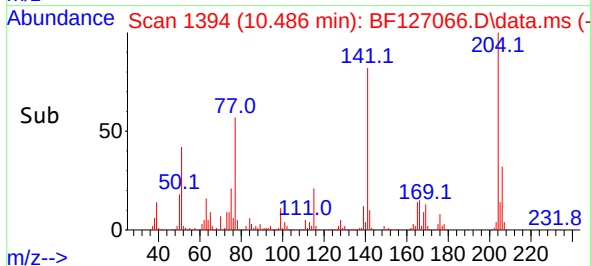


Tgt Ion:204 Resp: 209620  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.3 39.5  
141 81.7 59.0 88.6

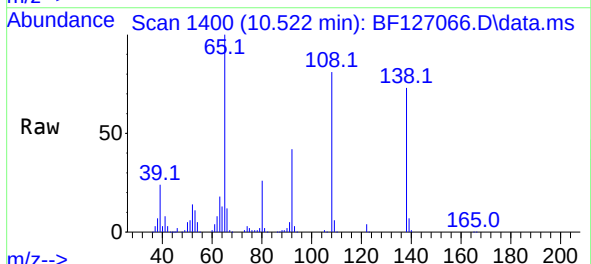
Manual Integrations

APPROVED

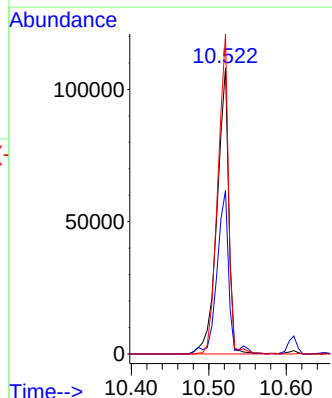
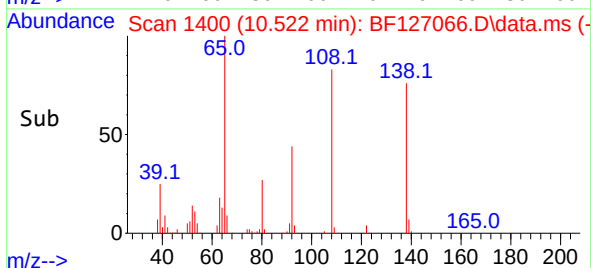
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

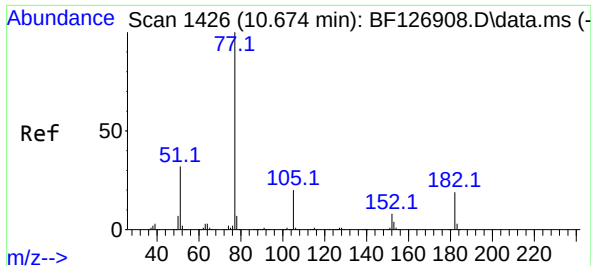


#62  
4-Nitroaniline  
Concen: 40.363 ng  
RT: 10.522 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



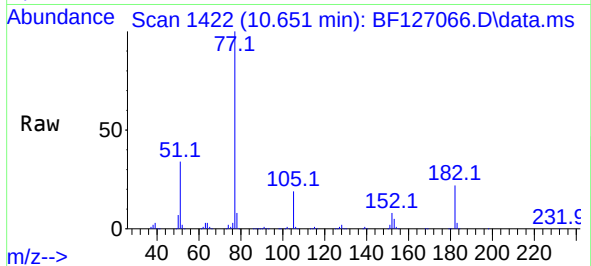
Tgt Ion:138 Resp: 112949  
Ion Ratio Lower Upper  
138 100  
92 57.1 36.2 76.2  
108 111.8 46.7 86.7#





#63  
Azobenzene  
Concen: 37.878 ng  
RT: 10.651 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

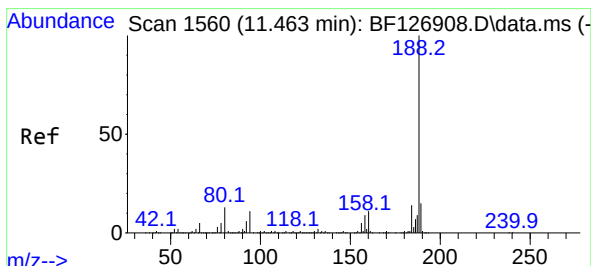
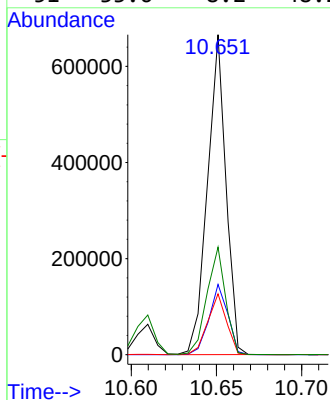
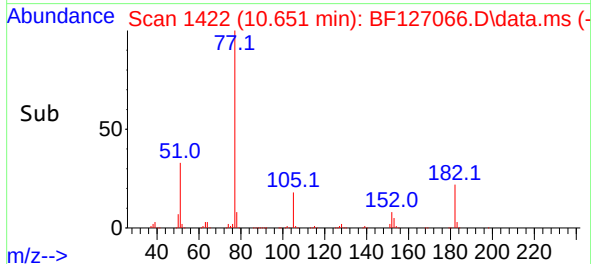
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



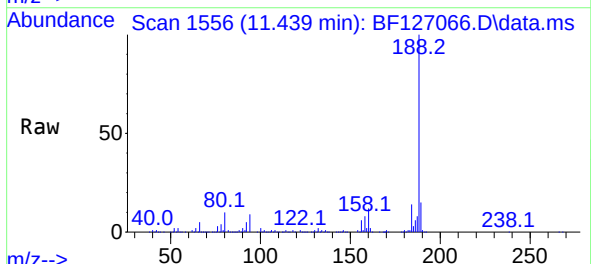
Tgt Ion: 77 Resp: 502172  
Ion Ratio Lower Upper  
77 100  
182 21.9 0.0 39.0  
105 19.0 3.2 43.2  
51 33.6 8.2 48.2

Manual Integrations  
APPROVED

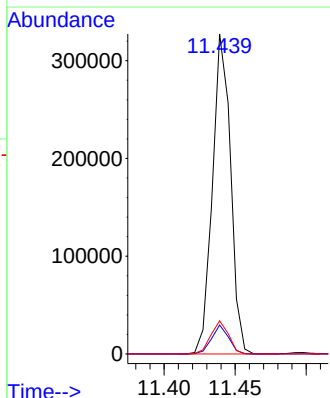
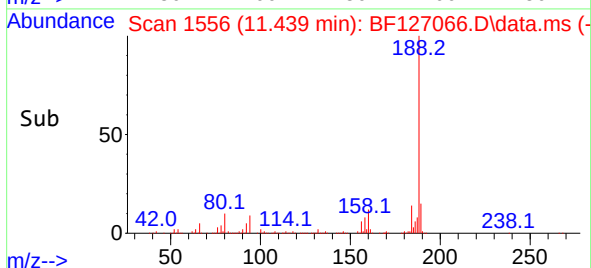
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

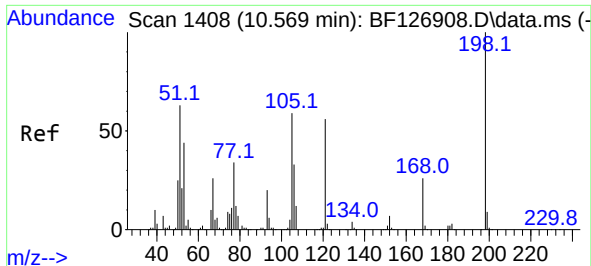


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



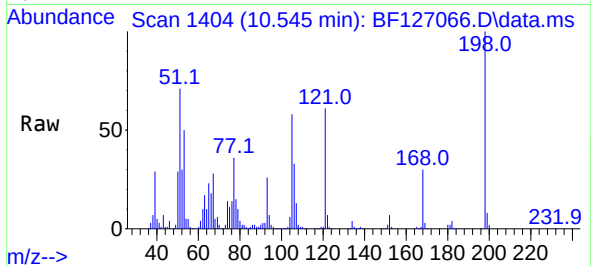
Tgt Ion:188 Resp: 289728  
Ion Ratio Lower Upper  
188 100  
94 9.0 10.1 15.1#  
80 10.4 11.8 17.6#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.681 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

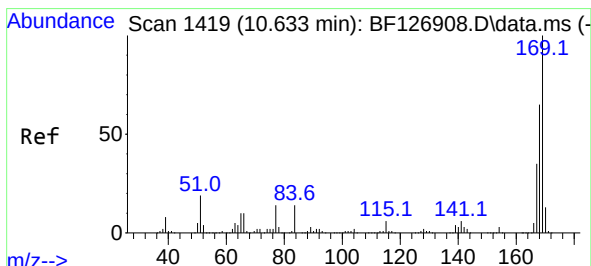
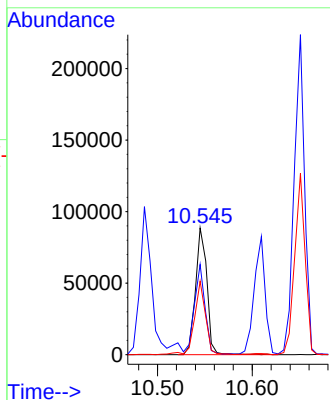
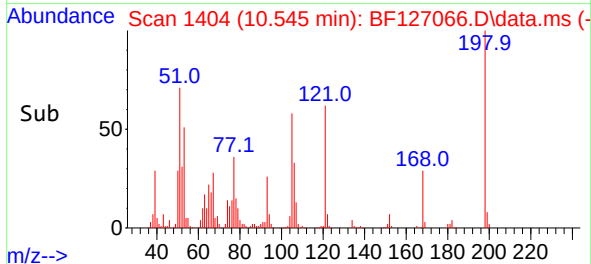
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



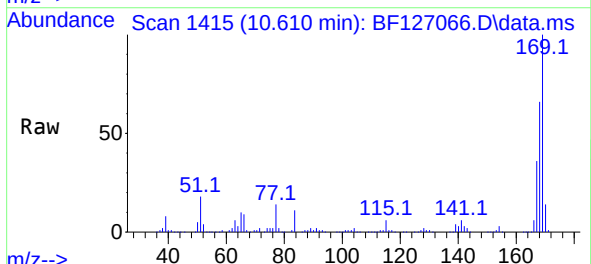
Tgt Ion:198 Resp: 74360  
Ion Ratio Lower Upper  
198 100  
51 71.2 32.0 72.0  
105 58.0 32.7 72.7

Manual Integrations  
APPROVED

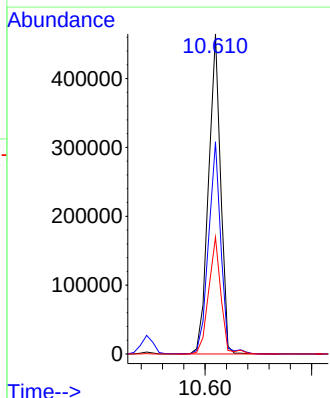
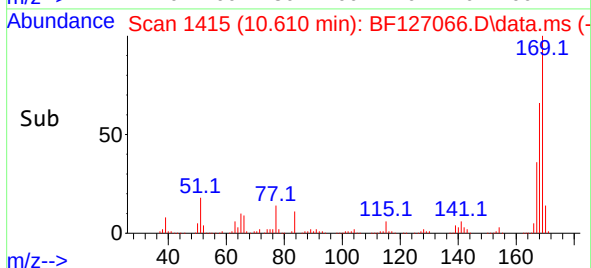
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

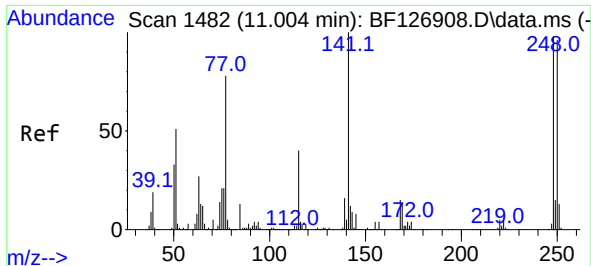


#66  
n-Nitrosodiphenylamine  
Concen: 38.774 ng  
RT: 10.610 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:169 Resp: 368367  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.4 80.0  
167 36.5 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 39.980 ng  
RT: 10.980 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

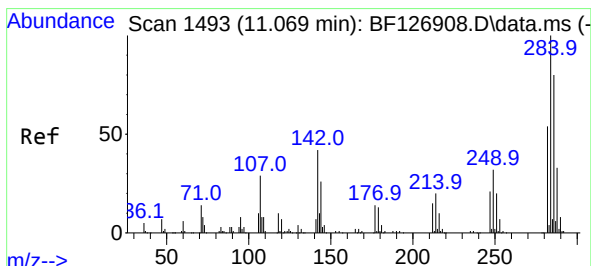
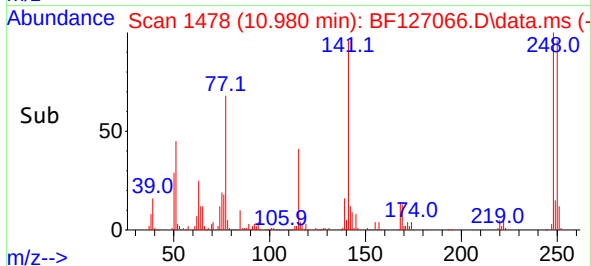
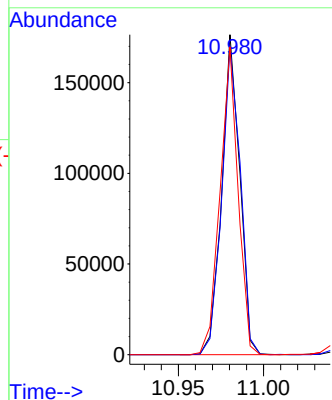
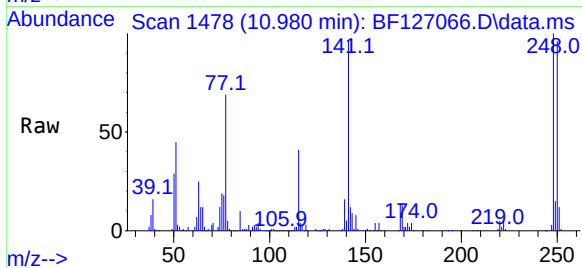
SSTDCCC040

Tgt Ion:248 Resp: 12942  
Ion Ratio Lower Upper  
248 100  
250 96.4 76.2 114.4  
141 96.3 66.2 99.4

Manual Integrations

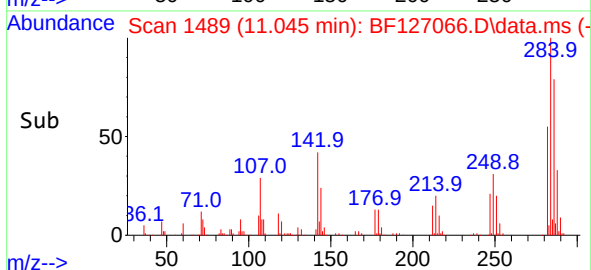
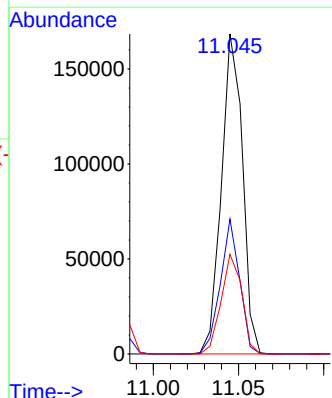
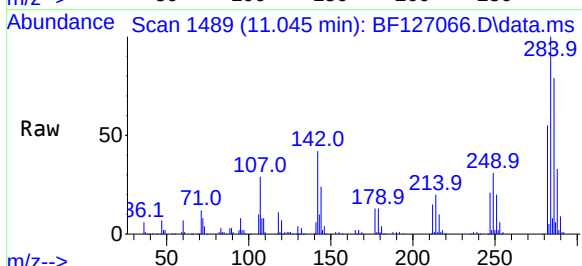
APPROVED

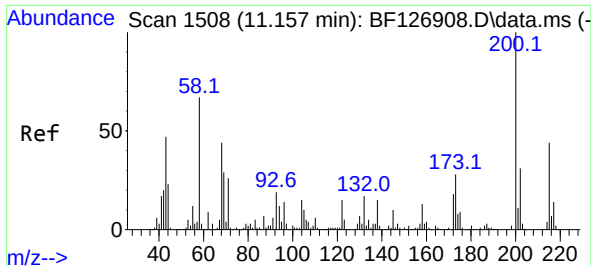
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#68  
Hexachlorobenzene  
Concen: 41.552 ng  
RT: 11.045 min Scan# 1489  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

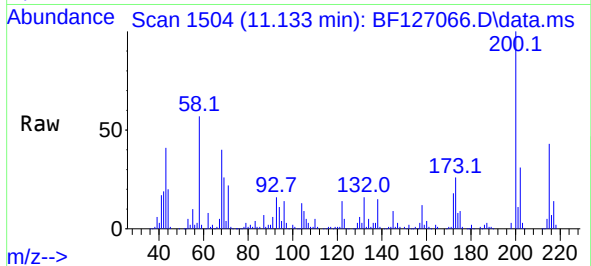
Tgt Ion:284 Resp: 144804  
Ion Ratio Lower Upper  
284 100  
142 42.2 30.7 46.1  
249 31.2 21.1 31.7





#69  
Atrazine  
Concen: 40.406 ng  
RT: 11.133 min Scan# 119058  
Delta R.T. -0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

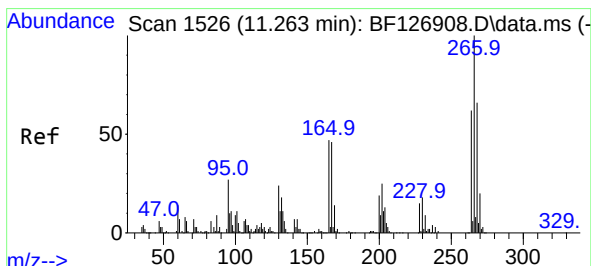
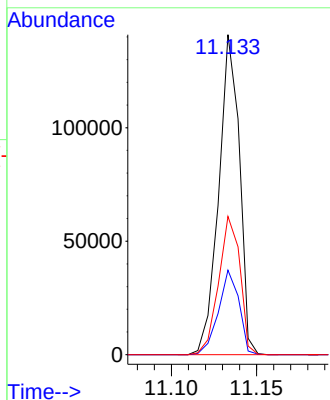
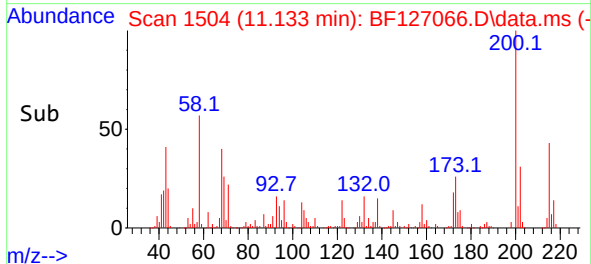
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



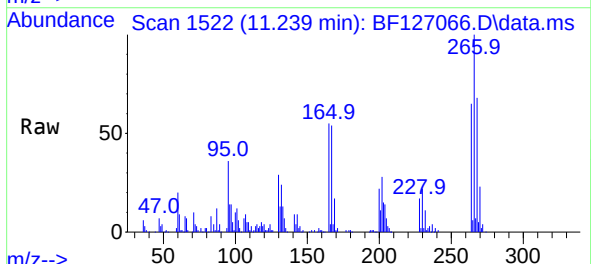
Tgt Ion:200 Resp: 119058  
Ion Ratio Lower Upper  
200 100  
173 26.4 9.2 49.2  
215 43.2 23.2 63.2

Manual Integrations  
APPROVED

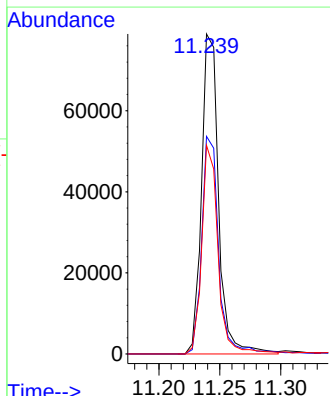
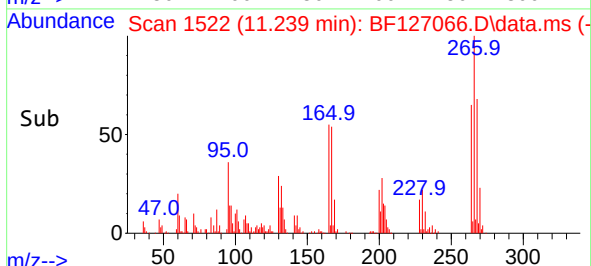
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

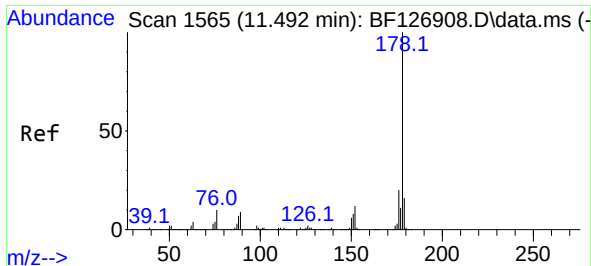


#70  
Pentachlorophenol  
Concen: 40.521 ng  
RT: 11.239 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:266 Resp: 77084  
Ion Ratio Lower Upper  
266 100  
268 68.0 52.3 78.5  
264 65.2 50.4 75.6





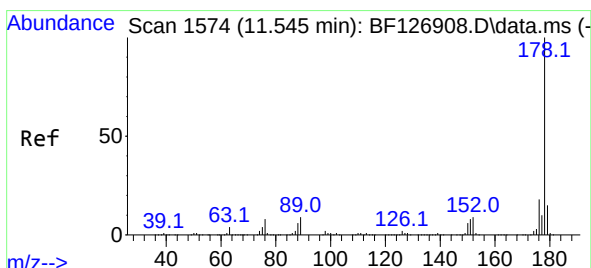
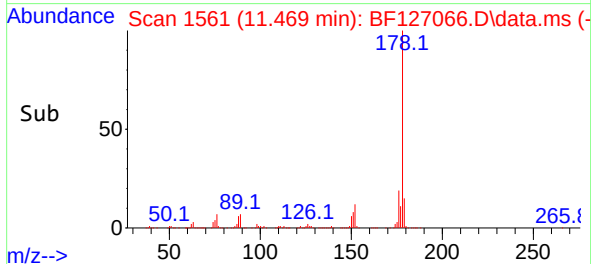
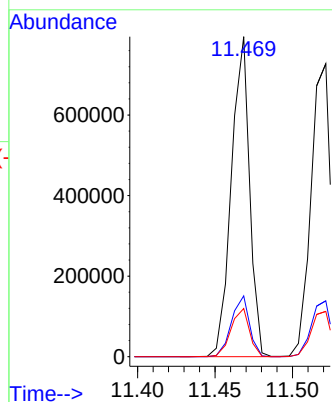
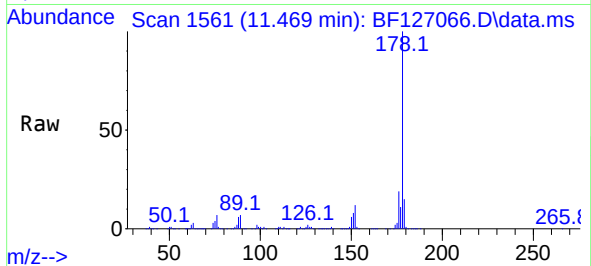
#71  
Phenanthrene  
Concen: 40.023 ng  
RT: 11.469 min Scan# 11469  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 649032  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.7 23.5  
179 15.1 12.3 18.5

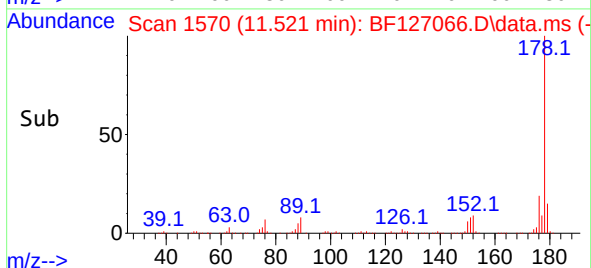
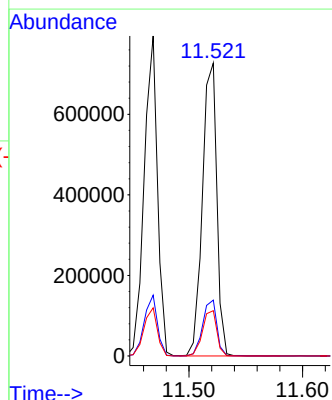
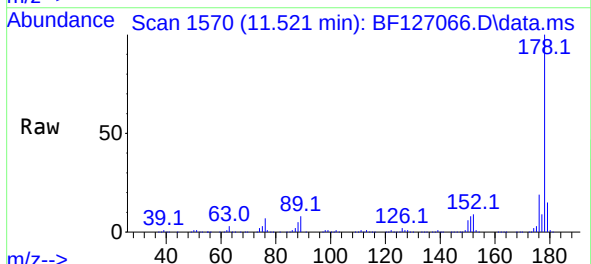
Manual Integrations  
APPROVED

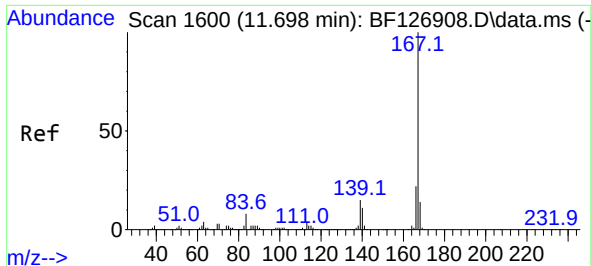
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#72  
Anthracene  
Concen: 39.760 ng  
RT: 11.521 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:178 Resp: 641880  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.6  
179 15.4 12.5 18.7





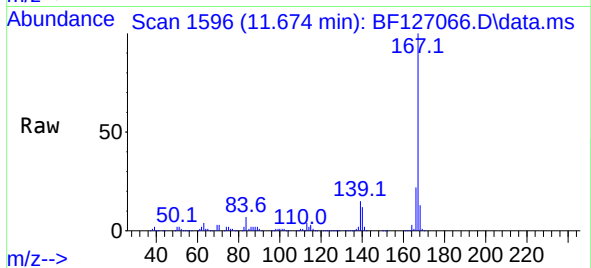
#73  
 Carbazole  
 Concen: 39.778 ng  
 RT: 11.674 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF127066.D  
 Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

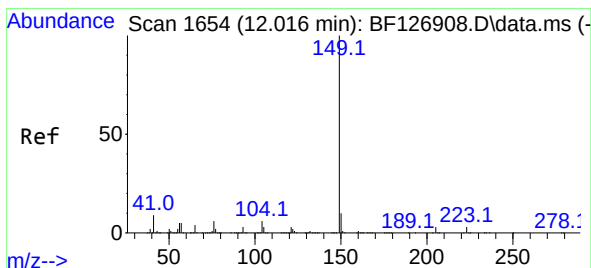
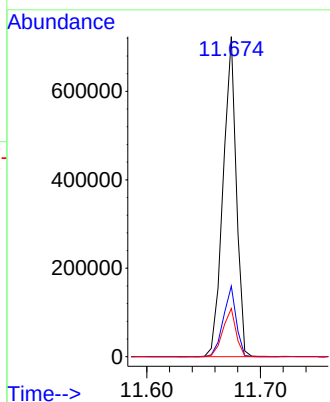
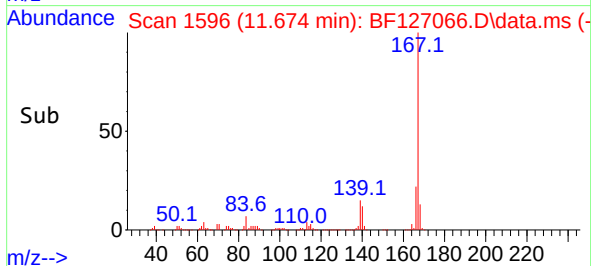


Tgt Ion:167 Resp: 588910  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 16.9 25.3  
 139 15.1 11.3 16.9

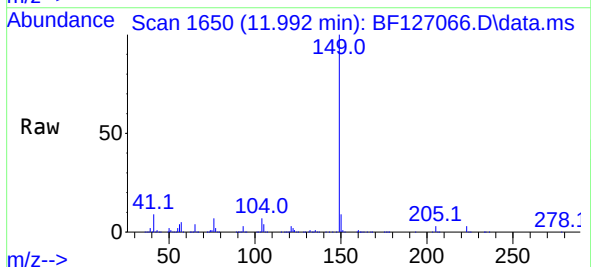
Manual Integrations

APPROVED

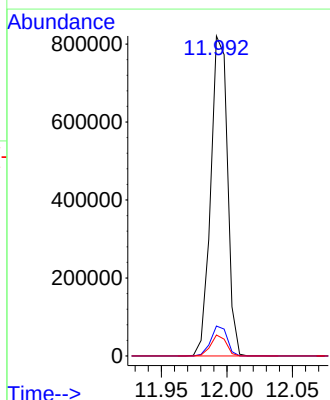
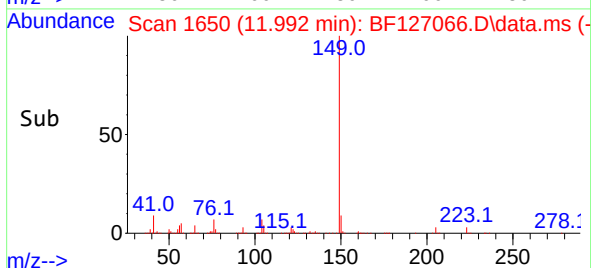
Reviewed By :Christian Giraldo 02/28/2022  
 Supervised By :Jagrut Upadhyay 02/28/2022



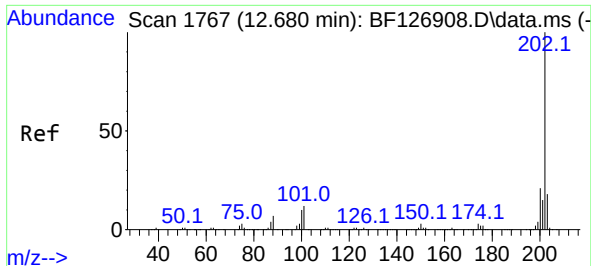
#74  
 Di-n-butylphthalate  
 Concen: 38.312 ng  
 RT: 11.992 min Scan# 1650  
 Delta R.T. -0.000 min  
 Lab File: BF127066.D  
 Acq: 25 Feb 2022 12:45



Tgt Ion:149 Resp: 729182  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 6.5 4.2 6.2







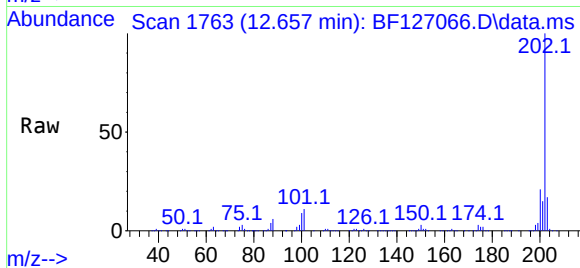
#75  
Fluoranthene  
Concen: 40.563 ng  
RT: 12.657 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

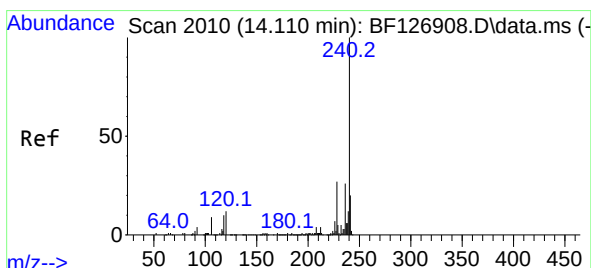
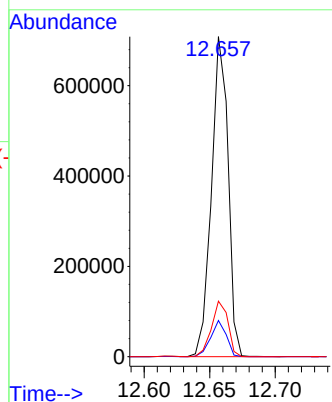
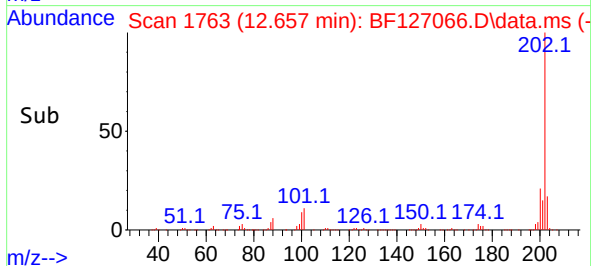


Tgt Ion:202 Resp: 624570  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 35.7  
203 17.3 0.0 37.1

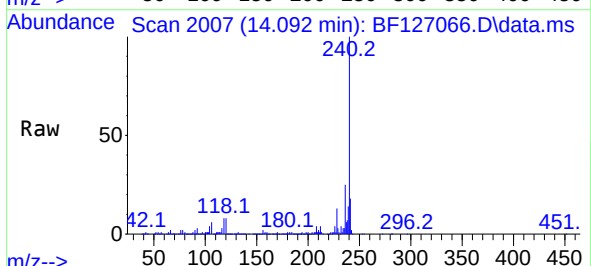
Manual Integrations

APPROVED

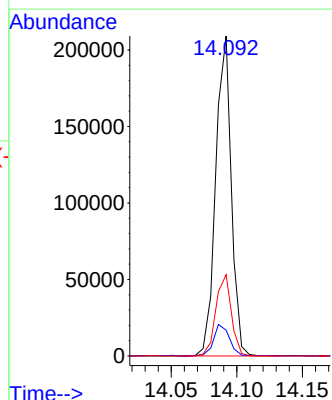
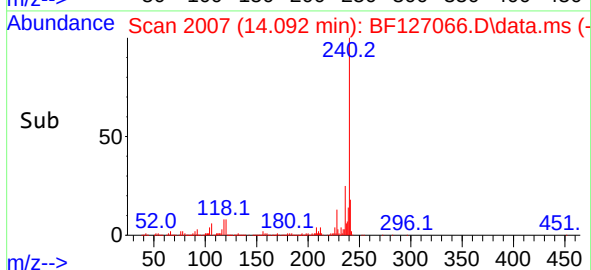
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

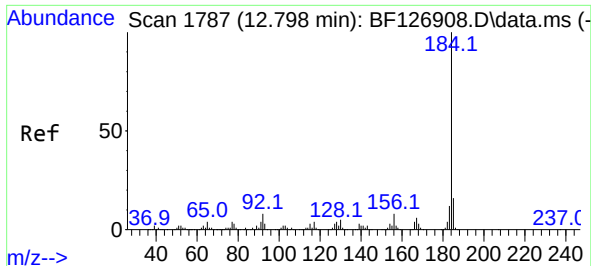


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



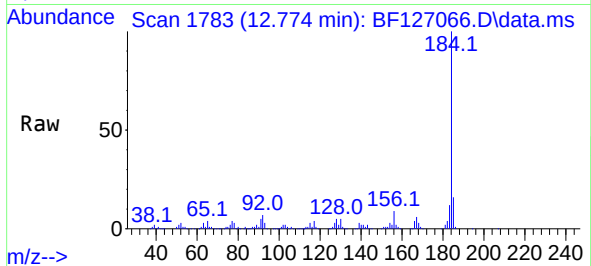
Tgt Ion:240 Resp: 172381  
Ion Ratio Lower Upper  
240 100  
120 8.1 14.4 21.6#  
236 25.4 20.5 30.7





#77  
Benzidine  
Concen: 45.202 ng m  
RT: 12.774 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

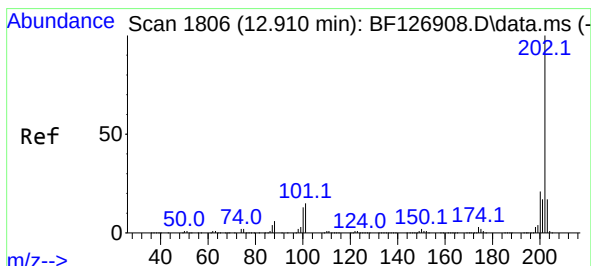
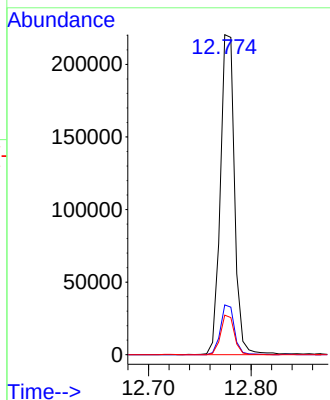
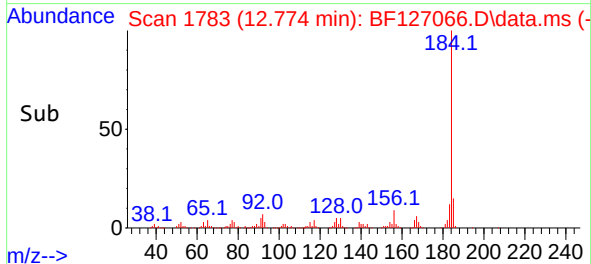
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



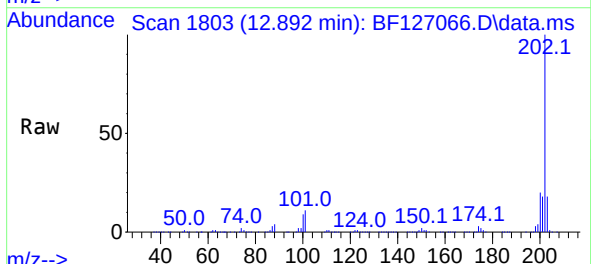
Tgt Ion:184 Resp: 21175  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.8 17.8  
183 12.4 8.2 12.2

Manual Integrations  
APPROVED

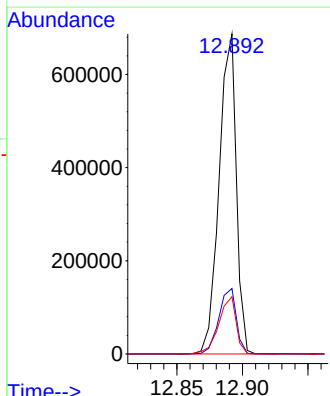
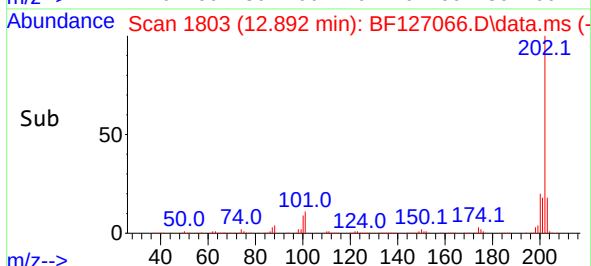
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

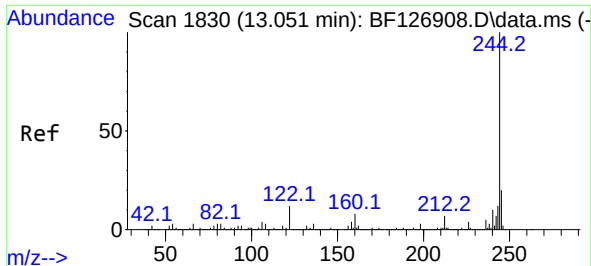


#78  
Pyrene  
Concen: 41.714 ng  
RT: 12.892 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:202 Resp: 624725  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.6 24.8  
203 17.9 13.8 20.8





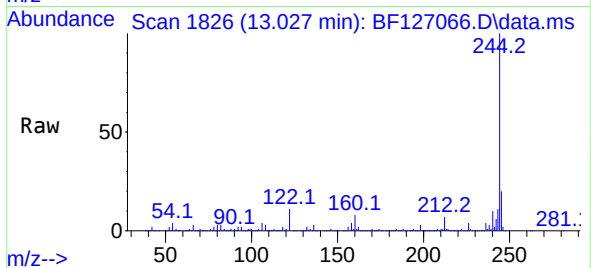
#79  
Terphenyl-d14  
Concen: 86.871 ng  
RT: 13.027 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

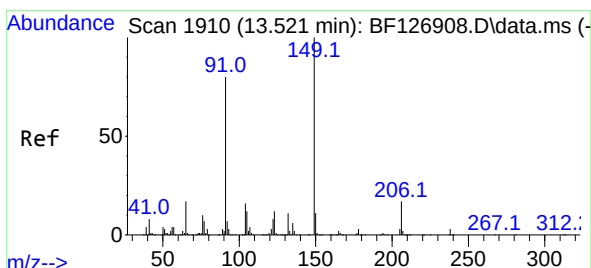
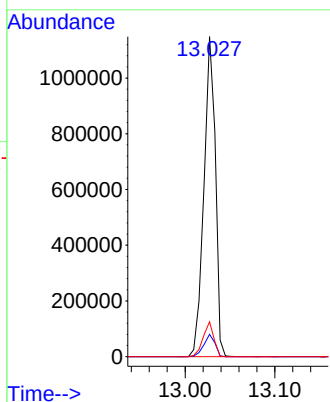
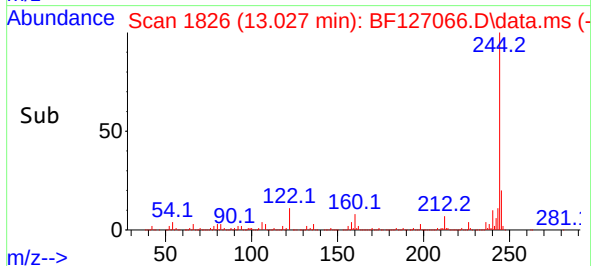


Tgt Ion:244 Resp: 1018670  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.0 7.4  
122 10.9 13.3 19.9

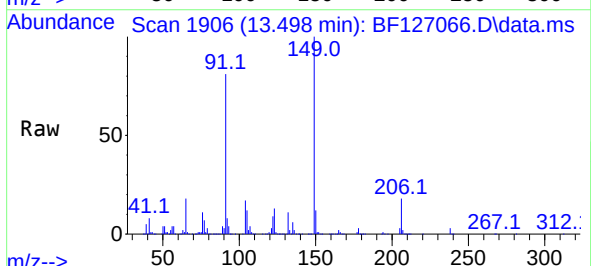
Manual Integrations

APPROVED

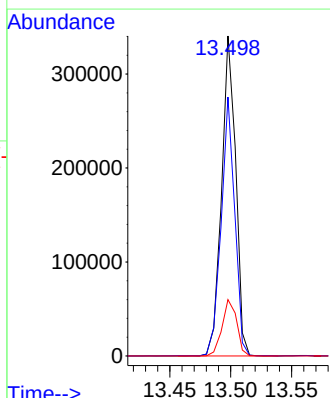
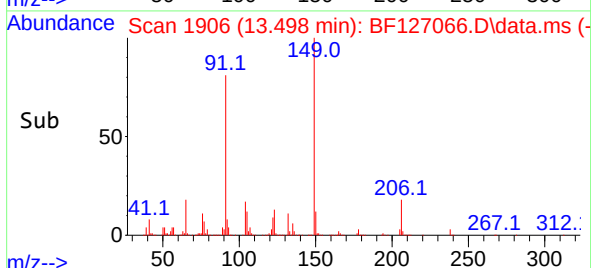
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022

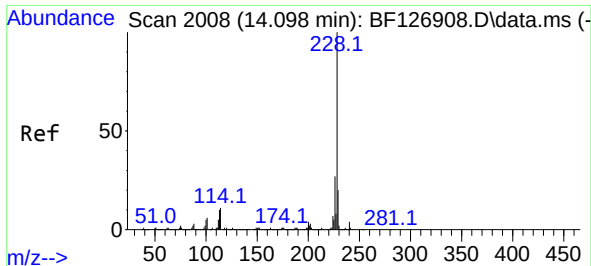


#80  
Butylbenzylphthalate  
Concen: 38.759 ng  
RT: 13.498 min Scan# 1906  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:149 Resp: 274802  
Ion Ratio Lower Upper  
149 100  
91 80.9 70.5 105.7  
206 17.6 12.6 19.0





#81  
Benzo(a)anthracene  
Concen: 40.153 ng  
RT: 14.080 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

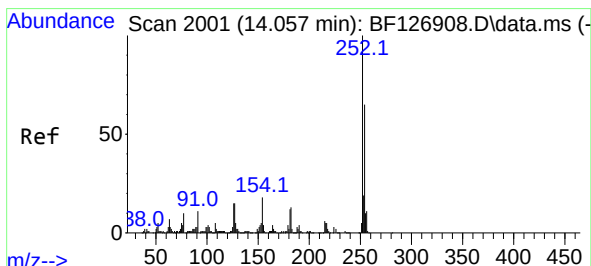
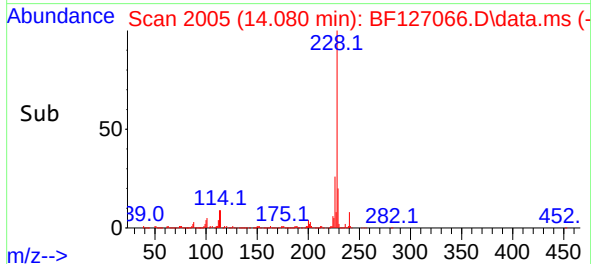
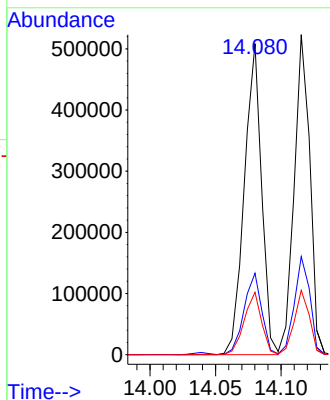
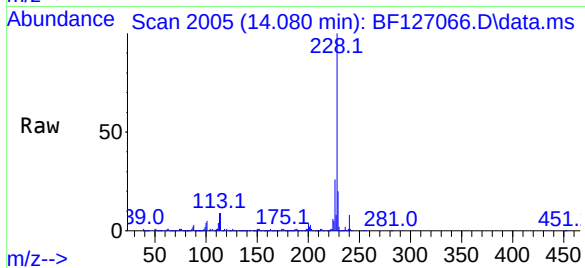
SSTDCCC040

Tgt Ion:228 Resp: 466625  
Ion Ratio Lower Upper  
228 100  
226 26.2 21.4 32.0  
229 20.0 15.4 23.2

Manual Integrations

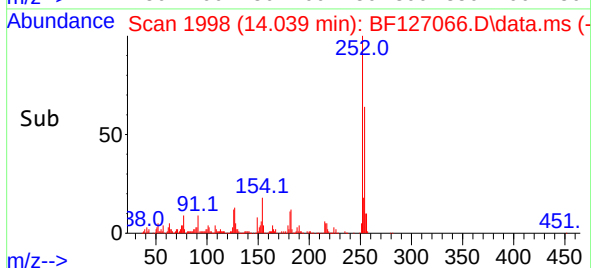
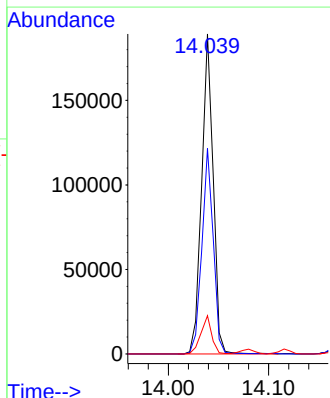
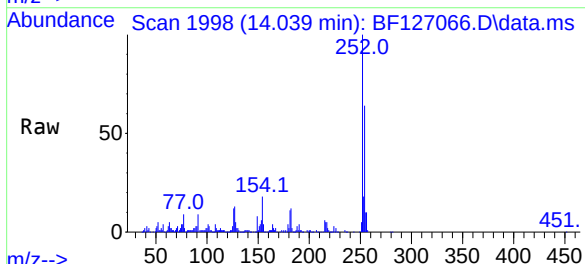
APPROVED

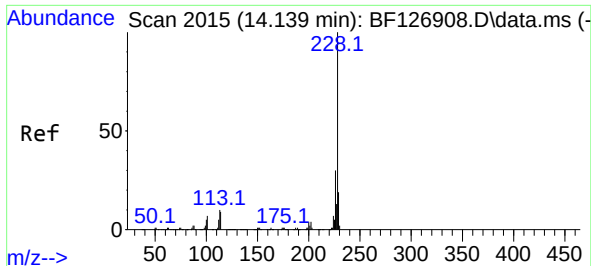
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 41.554 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:252 Resp: 152189  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.0 76.4  
126 12.0 13.4 20.0#





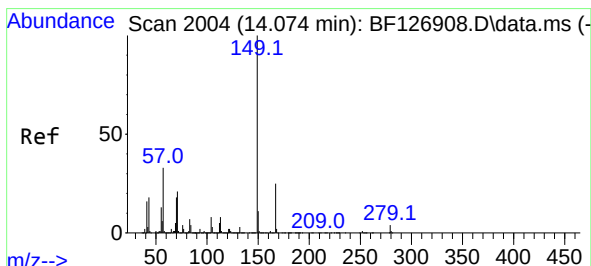
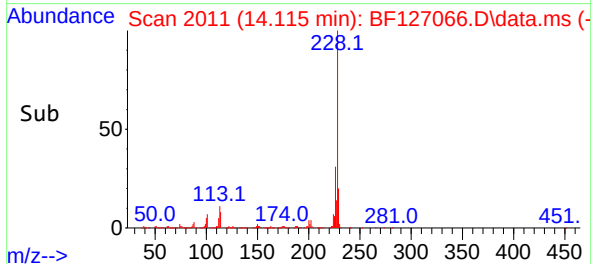
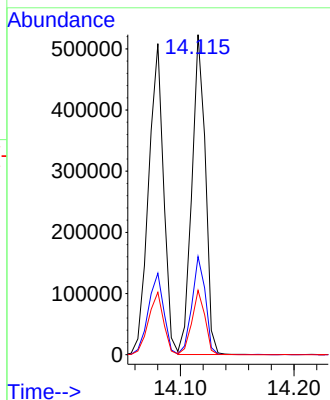
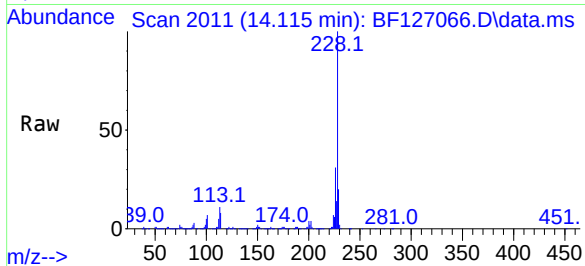
#83  
Chrysene  
Concen: 39.495 ng  
RT: 14.115 min Scan# 2011  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 431609  
Ion Ratio Lower Upper  
228 100  
226 30.7 23.7 35.5  
229 20.1 15.5 23.3

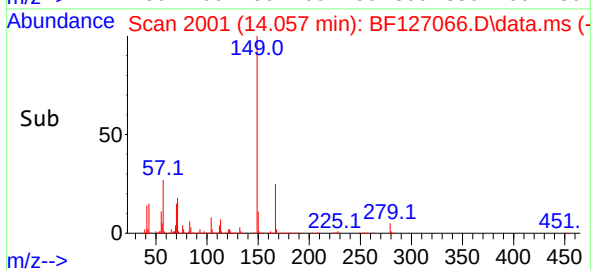
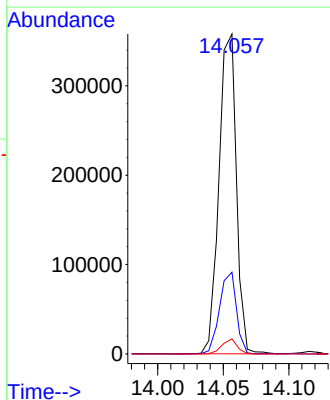
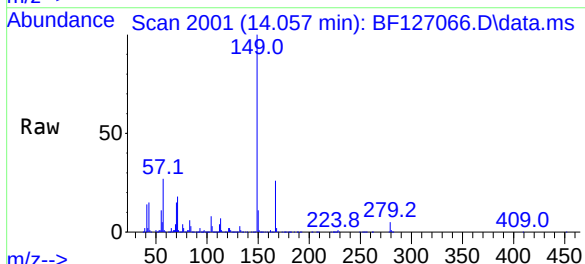
Manual Integrations  
APPROVED

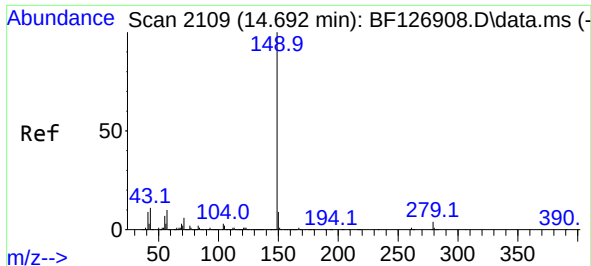
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 35.398 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

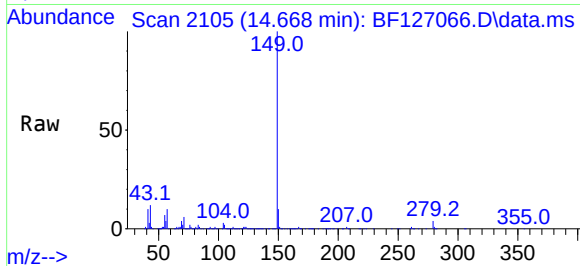
Tgt Ion:149 Resp: 329495  
Ion Ratio Lower Upper  
149 100  
167 25.5 21.4 32.2  
279 4.7 2.4 3.6#





#85  
Di-n-octyl phthalate  
Concen: 32.810 ng  
RT: 14.668 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

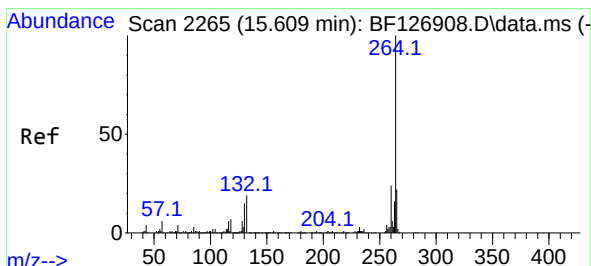
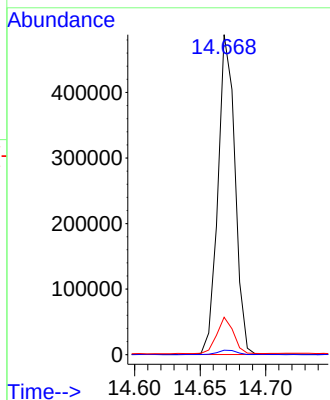
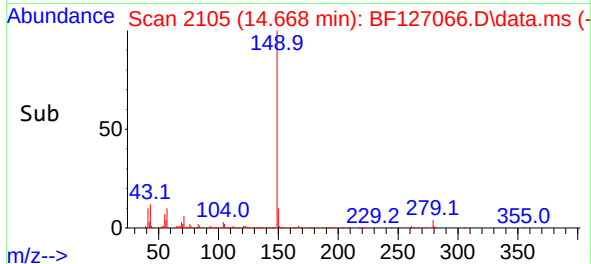
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 439720  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 11.1 9.9 14.9

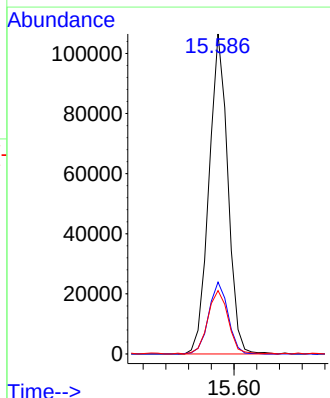
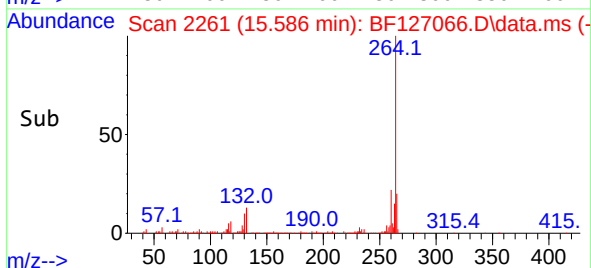
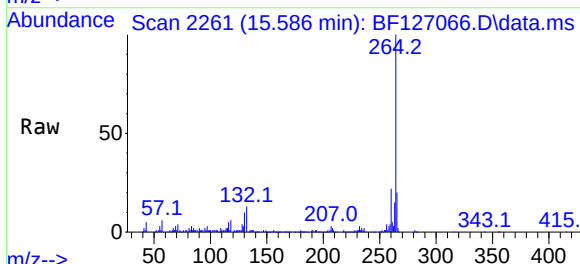
Manual Integrations  
APPROVED

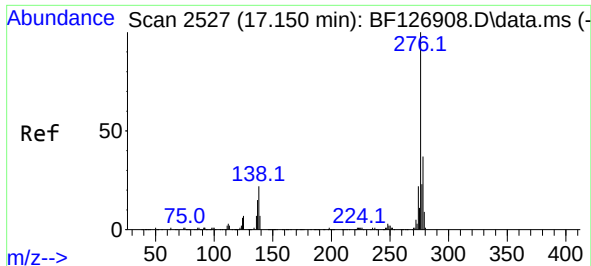
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.586 min Scan# 2261  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:264 Resp: 122610  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.2 28.8  
265 19.8 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.037 ng  
RT: 17.121 min Scan# 2186  
Delta R.T. 0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

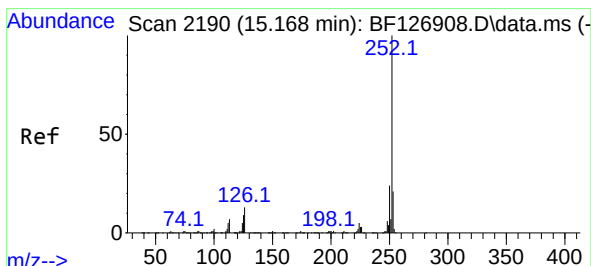
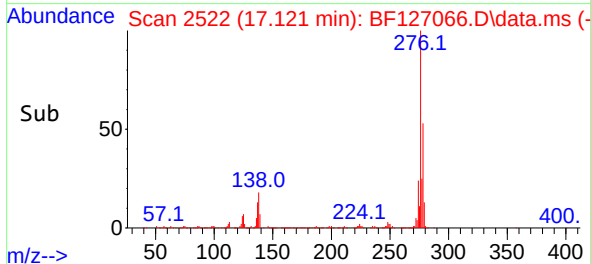
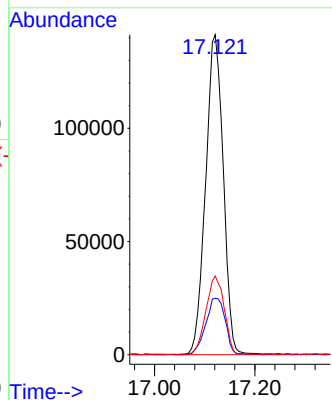
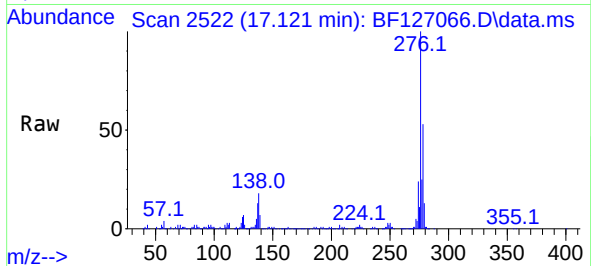
SSTDCCC040

Tgt Ion:276 Resp: 34600  
Ion Ratio Lower Upper  
276 100  
138 19.5 29.2 43.8  
277 25.6 19.8 29.8

Manual Integrations

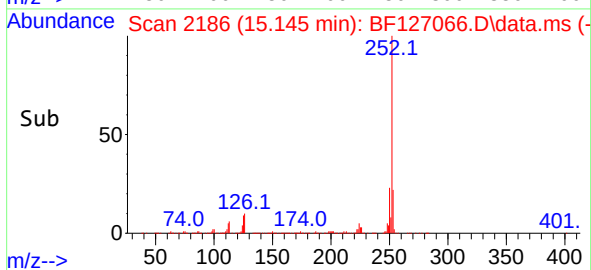
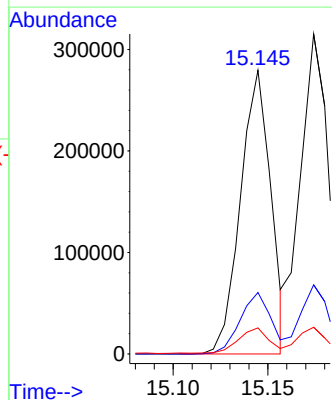
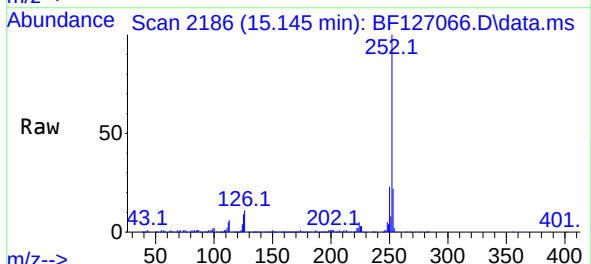
APPROVED

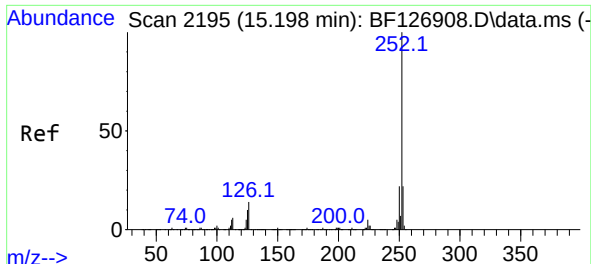
Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#88  
Benzo(b)fluoranthene  
Concen: 37.838 ng  
RT: 15.145 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

Tgt Ion:252 Resp: 311596  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 9.2 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 40.539 ng

RT: 15.174 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF127066.D

Acq: 25 Feb 2022 12:45

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 32199

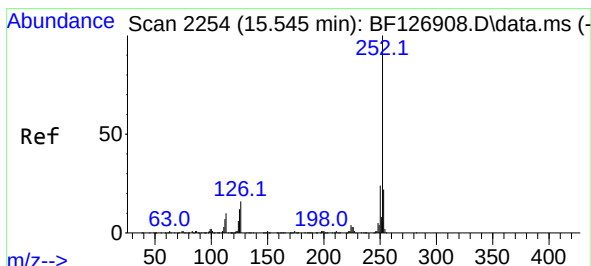
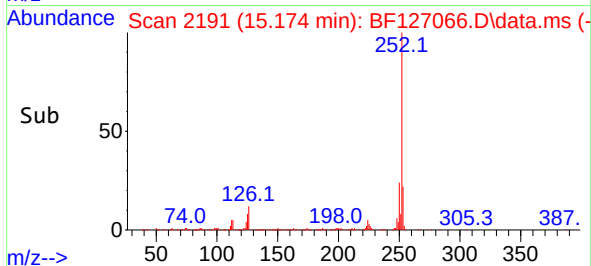
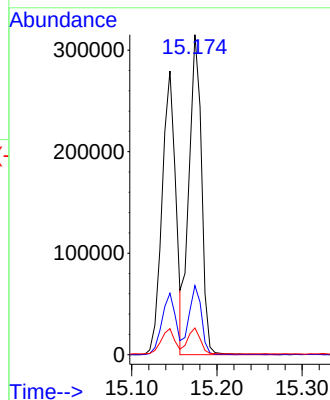
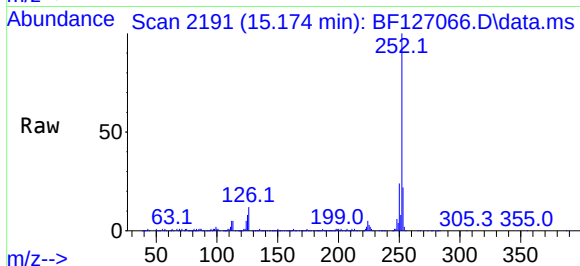
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 17.5  | 26.3  |
| 125 | 8.3   | 11.8  | 17.6  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#90

Benzo(a)pyrene

Concen: 39.644 ng

RT: 15.527 min Scan# 2251

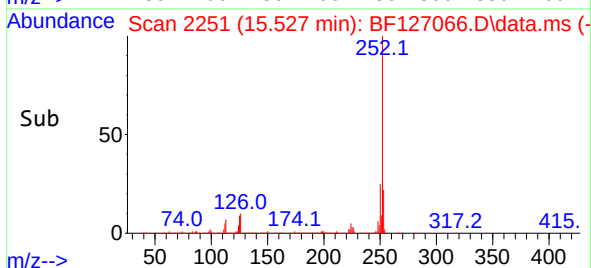
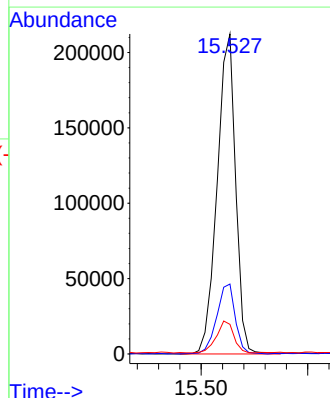
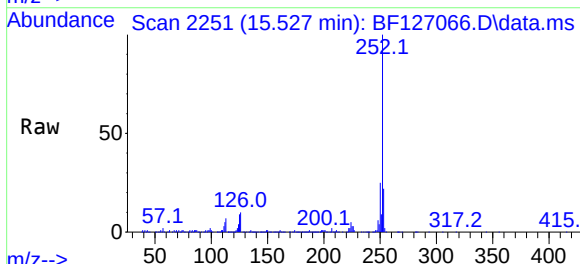
Delta R.T. 0.006 min

Lab File: BF127066.D

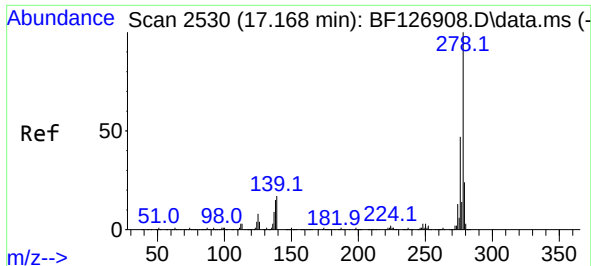
Acq: 25 Feb 2022 12:45

Tgt Ion:252 Resp: 255005

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.1  | 25.7  |
| 125 | 9.3   | 13.0  | 19.6  |

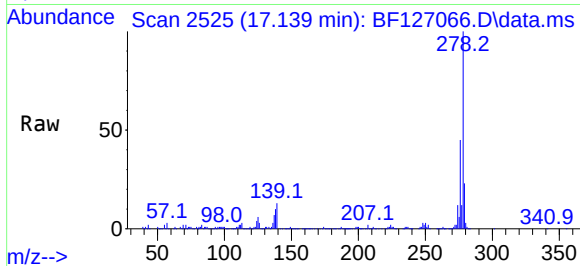






#91  
Dibenzo(a,h)anthracene  
Concen: 42.463 ng  
RT: 17.139 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45

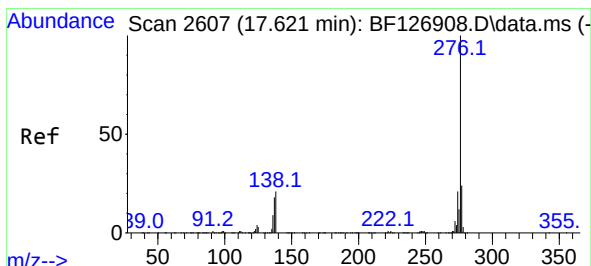
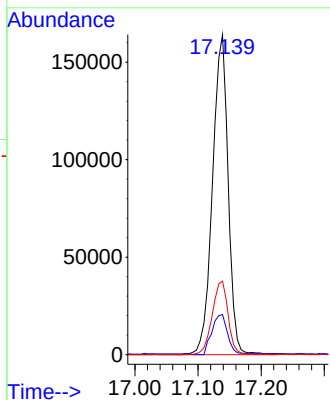
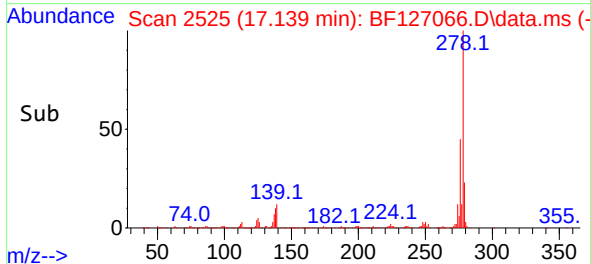
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



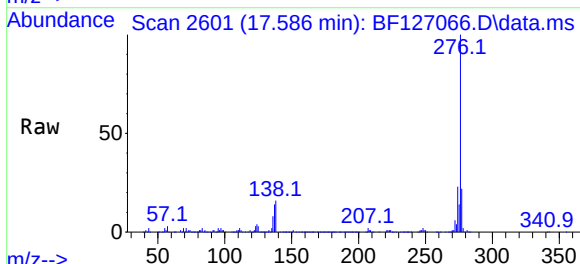
Tgt Ion:278 Resp: 282350  
Ion Ratio Lower Upper  
278 100  
139 12.5 18.0 27.0  
279 23.0 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/28/2022  
Supervised By :Jagrut Upadhyay 02/28/2022



#92  
Benzo(g,h,i)perylene  
Concen: 43.593 ng  
RT: 17.586 min Scan# 2601  
Delta R.T. 0.006 min  
Lab File: BF127066.D  
Acq: 25 Feb 2022 12:45



Tgt Ion:276 Resp: 285764  
Ion Ratio Lower Upper  
276 100  
277 21.5 18.5 27.7  
138 16.3 25.9 38.9

