

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031422\  
 Data File : BF127311.D  
 Acq On : 14 Mar 2022 10:15  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022  
 Supervised By : Jagrut Upadhyay 03/15/2022

Quant Time: Mar 14 12:17:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 121029   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 421447   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.910  | 164  | 237691   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 411484   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.051 | 240  | 283156   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.533 | 264  | 224945   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 561473   | 74.577 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 766624   | 74.021 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 744983   | 73.002 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 187296   | 73.199 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1197871  | 71.250 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1284551  | 78.117 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 141211   | 36.174 | ng    | # 84     |
| 3) Pyridine                   | 3.434  | 79   | 376397   | 36.234 | ng    | # 77     |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 198223   | 34.441 | ng    | # 66     |
| 6) Aniline                    | 6.540  | 93   | 475344   | 38.404 | ng    | 94       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 292440   | 37.547 | ng    | 93       |
| 9) Benzaldehyde               | 6.428  | 77   | 198466   | 35.086 | ng    | 97       |
| 10) Phenol                    | 6.516  | 94   | 430212   | 37.814 | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 322895   | 38.218 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 329636   | 37.704 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 332277   | 37.885 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 303150   | 36.725 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 285009   | 36.714 | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140  | 45   | 599520   | 37.812 | ng    | 100      |
| 17) 2-Methylphenol            | 7.122  | 107  | 248220   | 37.488 | ng    | # 92     |
| 18) Hexachloroethane          | 7.381  | 117  | 124916   | 37.076 | ng    | # 75     |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 230139   | 35.608 | ng    | 89       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 297886   | 34.691 | ng    | # 85     |
| 22) Acetophenone              | 7.287  | 105  | 397806   | 34.475 | ng    | # 95     |
| 24) Nitrobenzene              | 7.457  | 77   | 360260   | 37.325 | ng    | 94       |
| 25) Isophorone                | 7.692  | 82   | 616523   | 37.571 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 154308   | 38.604 | ng    | # 77     |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 232787   | 38.795 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 400202   | 38.491 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 260992   | 37.980 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 298028   | 38.042 | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 840125   | 37.369 | ng    | 99       |
| 32) Benzoic acid              | 7.945  | 122  | 154232   | 38.500 | ng    | 89       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 324532   | 37.242 | ng    | # 92     |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 192784   | 36.902 | ng    | 98       |
| 35) Caprolactam               | 8.610  | 113  | 79402    | 38.679 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 279037   | 37.465 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 546120   | 37.177 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 528339   | 37.412 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 281265   | 37.380 | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 114386   | 39.668 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 183581   | 38.656 | ng    | 97       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

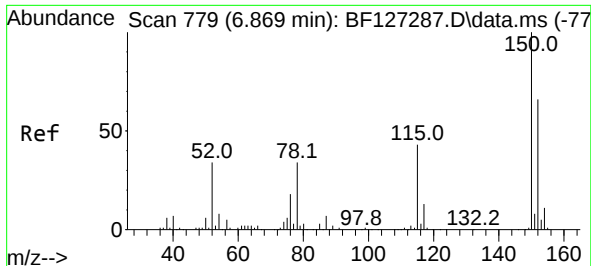
Reviewed By : Christian Giraldo 03/15/2022  
 Supervised By : Jagrut Upadhyay 03/15/2022

Quant Time: Mar 14 12:17:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 197870   | 39.258 | ng    | # 87     |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 669607   | 37.326 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 533116   | 38.176 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 206698   | 38.470 | ng    | 89       |
| 49) Acenaphthylene            | 9.775  | 152  | 801210   | 37.491 | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 632954   | 37.162 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 133938   | 38.876 | ng    | 95       |
| 52) Acenaphthene              | 9.945  | 154  | 468725   | 36.795 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 142973   | 38.081 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 61894    | 34.877 | ng    | 97       |
| 55) Dibenzofuran              | 10.122 | 168  | 725993   | 36.684 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 90167    | 39.512 | ng    | 82       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 172003   | 37.945 | ng    | # 90     |
| 58) Fluorene                  | 10.463 | 166  | 548636   | 35.752 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 171547   | 40.956 | ng    | # 75     |
| 60) Diethylphthalate          | 10.333 | 149  | 572024   | 36.819 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 304574   | 36.623 | ng    | # 87     |
| 62) 4-Nitroaniline            | 10.492 | 138  | 140532   | 37.562 | ng    | # 83     |
| 63) Azobenzene                | 10.616 | 77   | 671710   | 37.612 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 102474   | 40.391 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 480709   | 37.616 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 188513   | 38.005 | ng    | 90       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 204589   | 37.846 | ng    | # 88     |
| 69) Atrazine                  | 11.098 | 200  | 172901   | 39.208 | ng    | 94       |
| 70) Pentachlorophenol         | 11.210 | 266  | 90771m   | 41.588 | ng    |          |
| 71) Phenanthrene              | 11.428 | 178  | 792666   | 36.492 | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 796557   | 37.029 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 744016   | 36.727 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 879693   | 37.127 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 883364   | 36.371 | ng    | 92       |
| 77) Benzidine                 | 12.739 | 184  | 270066   | 37.506 | ng    | 98       |
| 78) Pyrene                    | 12.851 | 202  | 884777   | 40.117 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 347505   | 40.941 | ng    | # 95     |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 732302   | 38.410 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.998 | 252  | 220294   | 37.161 | ng    | # 97     |
| 83) Chrysene                  | 14.074 | 228  | 685915   | 38.680 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 449533   | 39.343 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 682131   | 39.443 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 545744   | 40.273 | ng    | # 86     |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 543984   | 36.842 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 556643   | 40.094 | ng    | # 93     |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 448381   | 38.563 | ng    | # 93     |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 456387   | 40.466 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 449573   | 40.865 | ng    | # 86     |

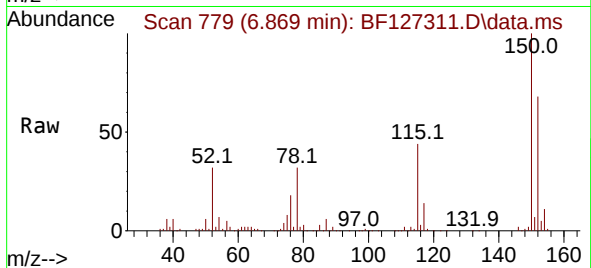
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

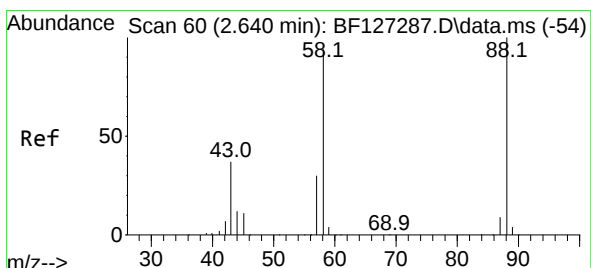
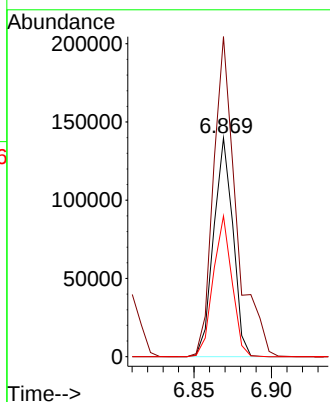
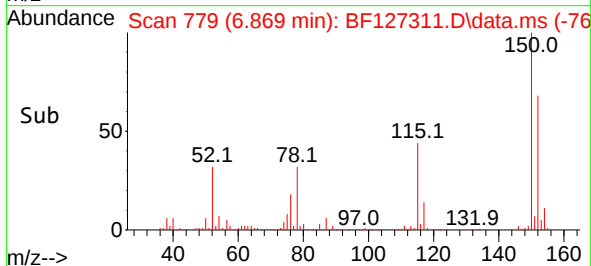
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 121029  
Ion Ratio Lower Upper  
152 100  
150 146.3 128.1 192.1  
115 64.3 56.7 85.1

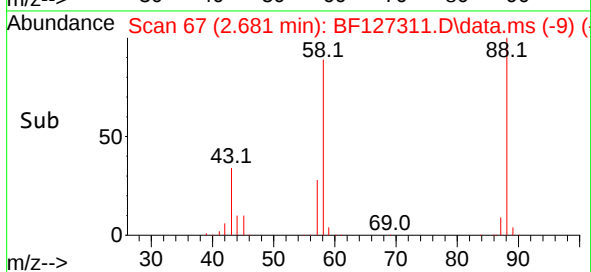
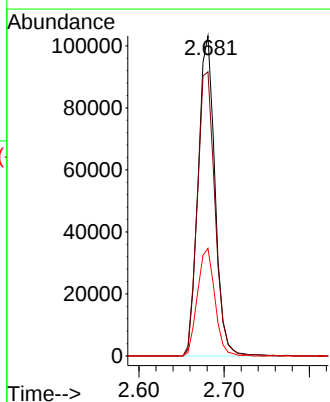
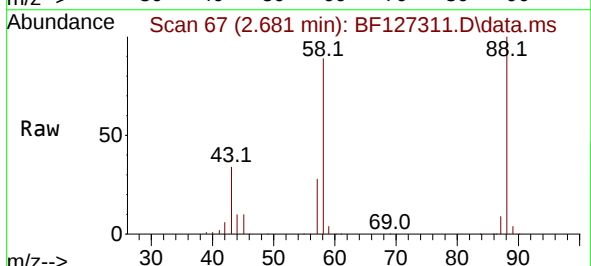
Manual Integrations  
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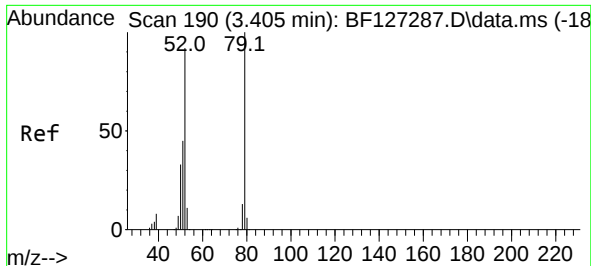
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#2  
1,4-Dioxane  
Concen: 36.174 ng  
RT: 2.681 min Scan# 67  
Delta R.T. 0.041 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

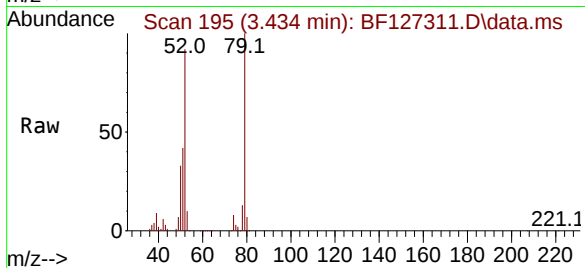
Tgt Ion: 88 Resp: 141211  
Ion Ratio Lower Upper  
88 100  
58 93.0 62.8 94.2  
43 34.8 22.3 33.5#





#3  
Pyridine  
Concen: 36.234 ng  
RT: 3.434 min Scan# 190  
Delta R.T. 0.029 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

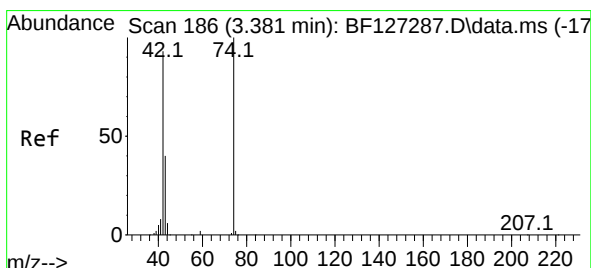
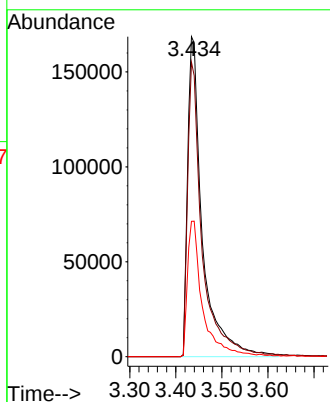
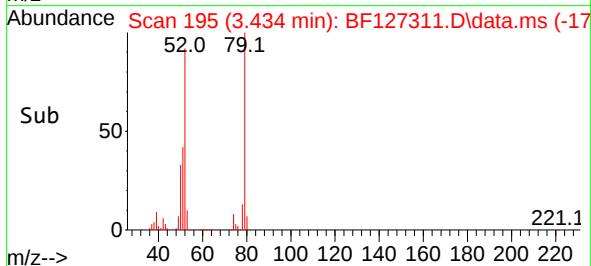
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 376397  
Ion Ratio Lower Upper  
79 100  
52 92.0 56.2 84.4  
51 42.3 26.7 40.1

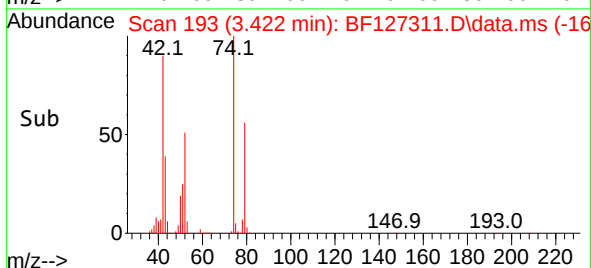
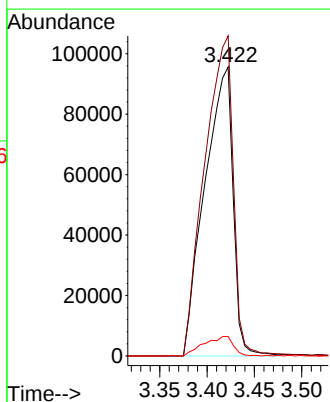
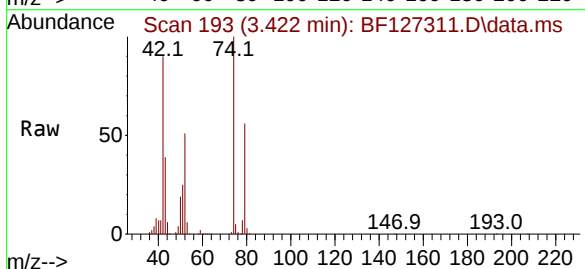
Manual Integrations  
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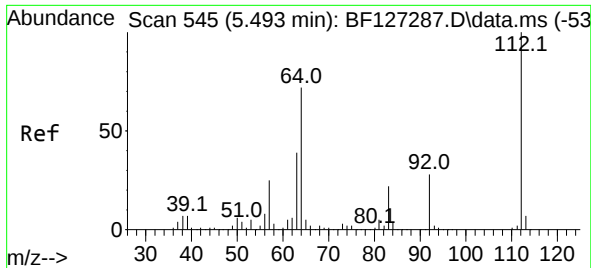
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#4  
n-Nitrosodimethylamine  
Concen: 34.441 ng  
RT: 3.422 min Scan# 193  
Delta R.T. 0.041 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion: 42 Resp: 198223  
Ion Ratio Lower Upper  
42 100  
74 110.7 125.6 188.4  
44 6.7 5.7 8.5





#5  
2-Fluorophenol  
Concen: 74.577 ng  
RT: 5.493 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

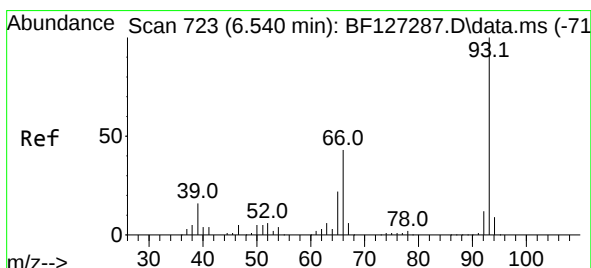
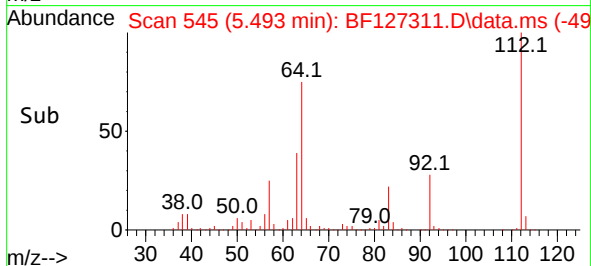
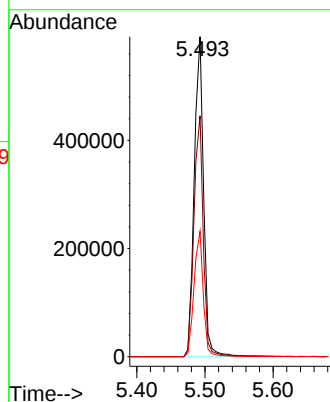
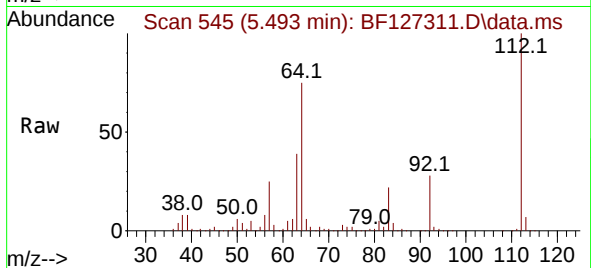
SSTDCCC040

Tgt Ion:112 Resp: 56147  
Ion Ratio Lower Upper  
112 100  
64 75.3 49.5 74.3  
63 39.2 23.9 35.9

Manual Integrations

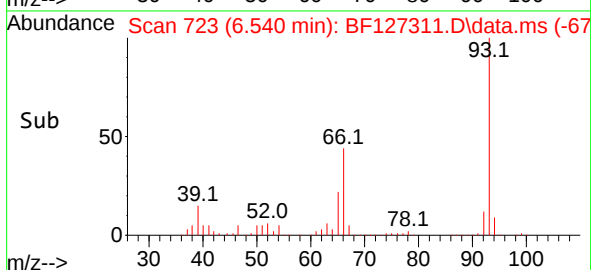
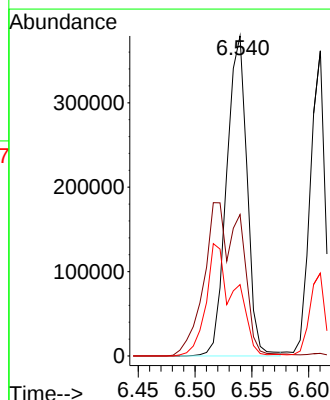
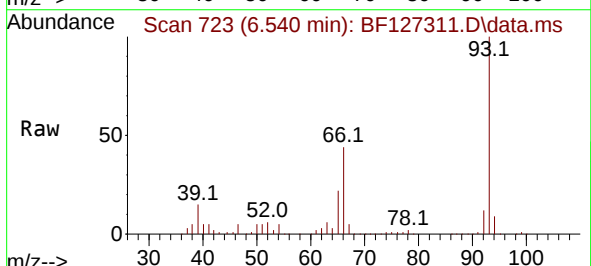
APPROVED

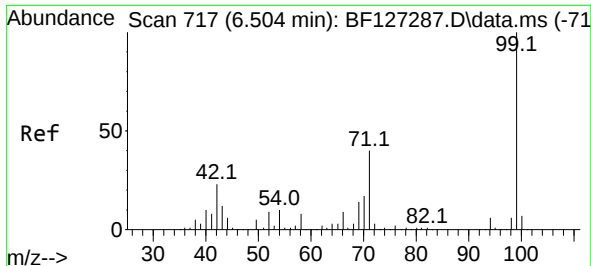
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#6  
Aniline  
Concen: 38.404 ng  
RT: 6.540 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

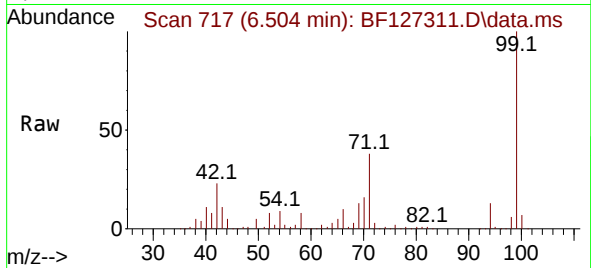
Tgt Ion: 93 Resp: 475344  
Ion Ratio Lower Upper  
93 100  
66 44.2 32.2 48.4  
65 22.3 16.3 24.5





#7  
Phenol-d6  
Concen: 74.021 ng  
RT: 6.504 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

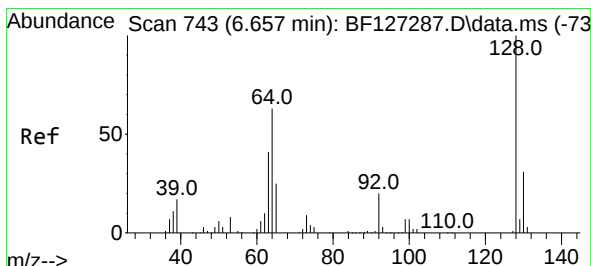
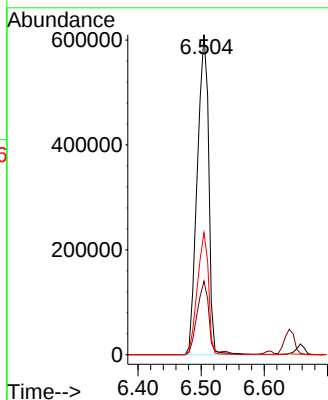
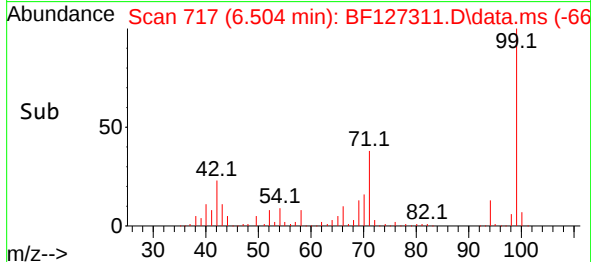
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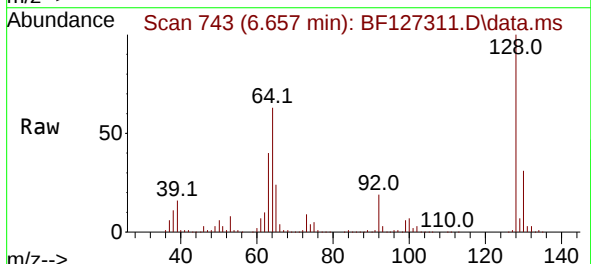
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Ion Ratio Lower Upper  
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42 23.0 14.2 21.4  
71 38.2 24.3 36.5

Manual Integrations  
APPROVED

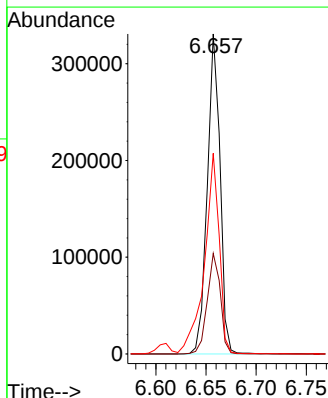
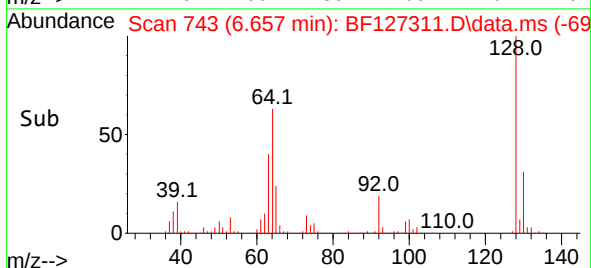
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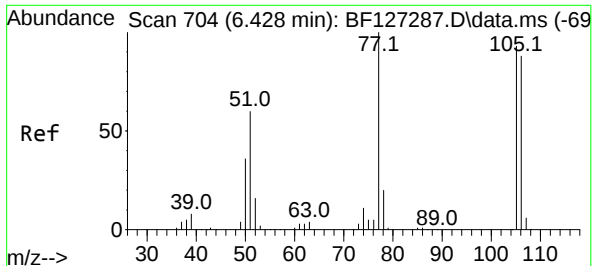


#8  
2-Chlorophenol  
Concen: 37.547 ng  
RT: 6.657 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



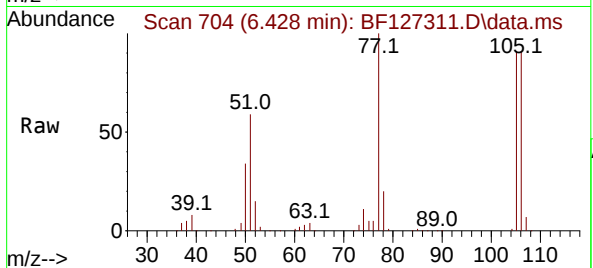
Tgt Ion:128 Resp: 292440  
Ion Ratio Lower Upper  
128 100  
130 31.4 12.7 52.7  
64 62.7 35.6 75.6





#9  
Benzaldehyde  
Concen: 35.086 ng  
RT: 6.428 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

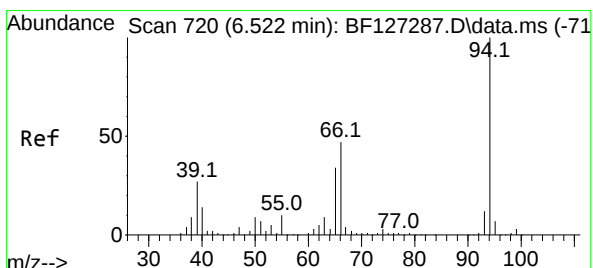
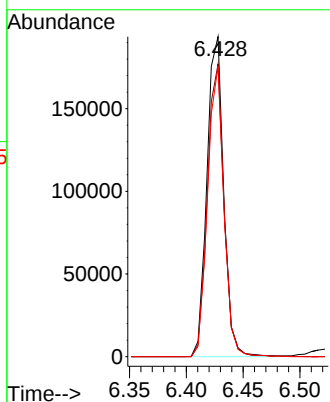
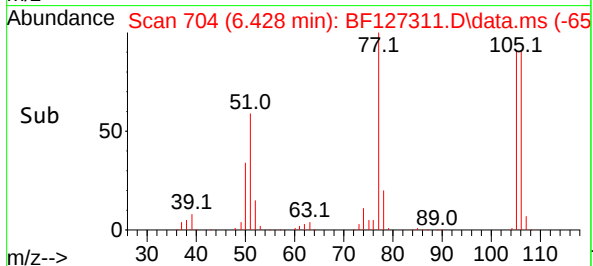
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 198460  
Ion Ratio Lower Upper  
77 100  
105 91.5 74.9 114.9  
106 90.7 72.4 112.4

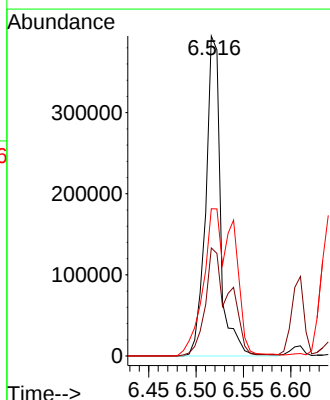
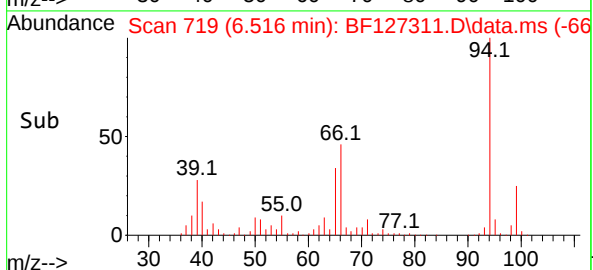
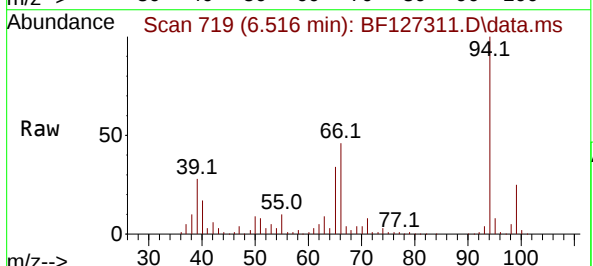
Manual Integrations  
APPROVED

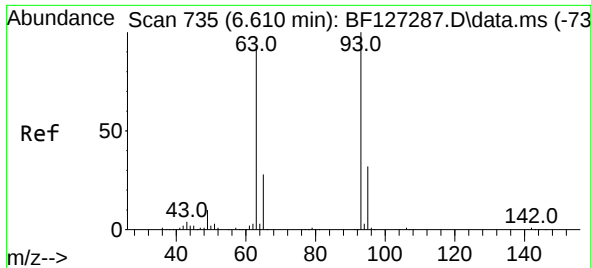
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#10  
Phenol  
Concen: 37.814 ng  
RT: 6.516 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion: 94 Resp: 430212  
Ion Ratio Lower Upper  
94 100  
65 33.7 7.2 47.2  
66 46.0 14.5 54.5





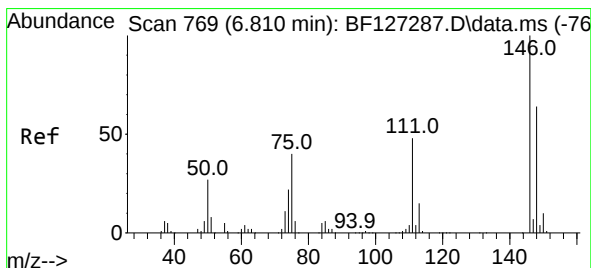
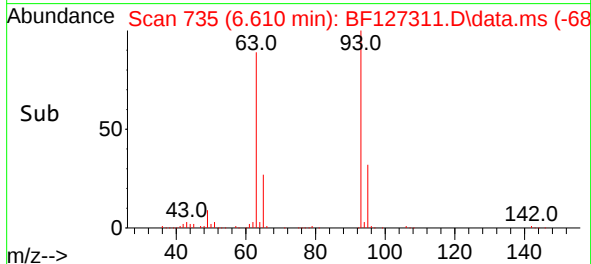
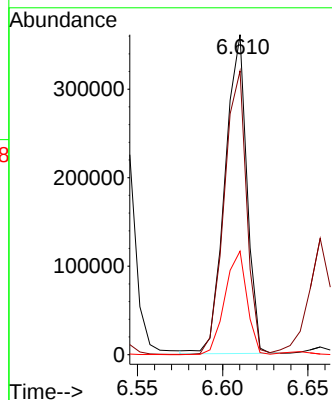
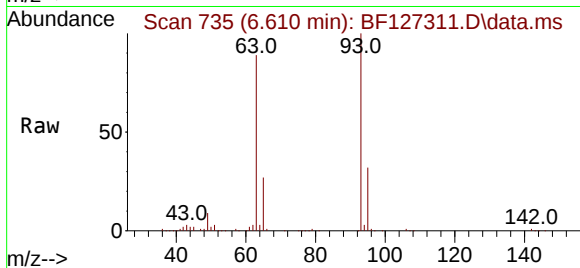
#11  
bis(2-Chloroethyl)ether  
Concen: 38.218 ng  
RT: 6.610 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDCCC040

Tgt Ion: 93 Resp: 32289  
Ion Ratio Lower Upper  
93 100  
63 88.7 60.5 100.5  
95 32.4 12.9 52.9

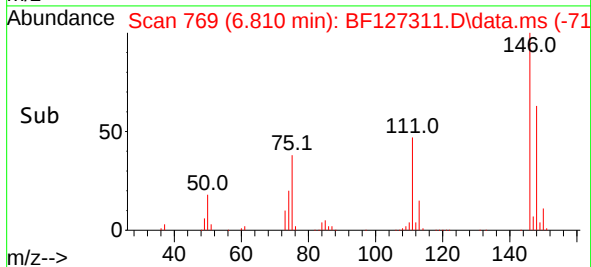
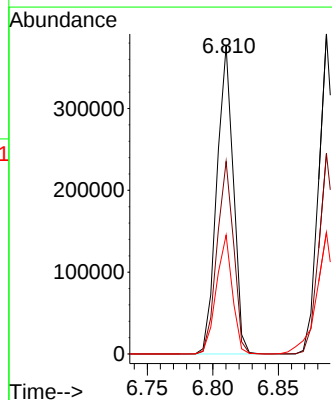
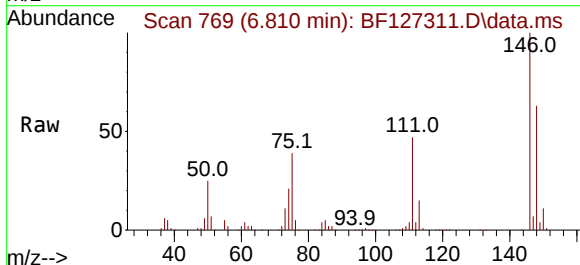
Manual Integrations  
APPROVED

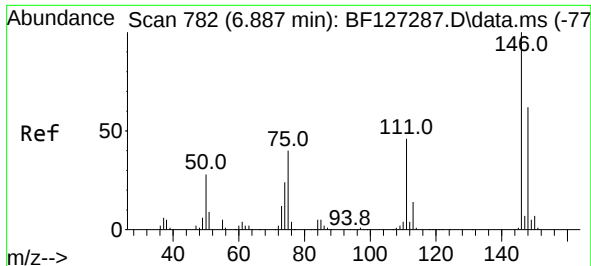
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#12  
1,3-Dichlorobenzene  
Concen: 37.704 ng  
RT: 6.810 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:146 Resp: 329636  
Ion Ratio Lower Upper  
146 100  
148 62.5 50.9 76.3  
75 38.6 28.4 42.6





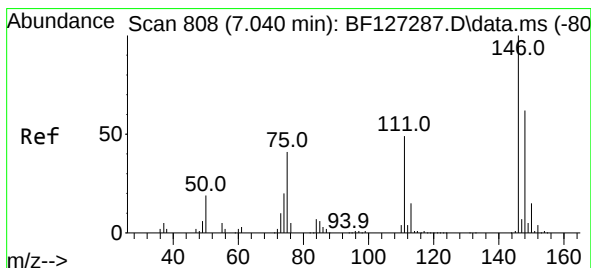
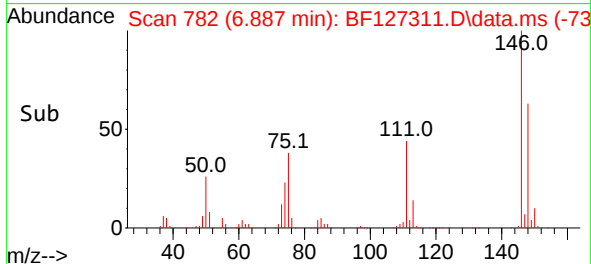
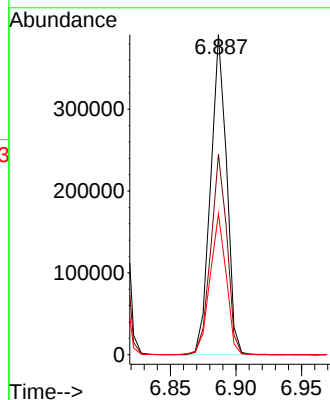
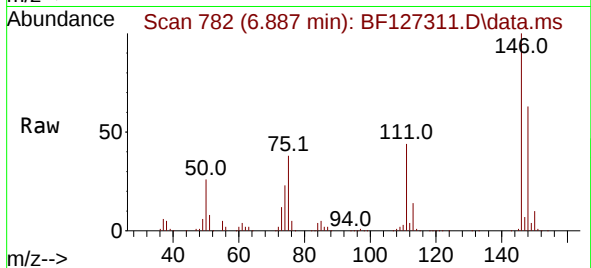
#13  
1,4-Dichlorobenzene  
Concen: 37.885 ng  
RT: 6.887 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 33227  
Ion Ratio Lower Upper  
146 100  
148 62.6 49.8 74.6  
111 44.1 36.1 54.1

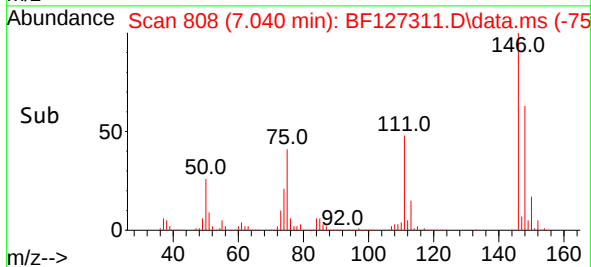
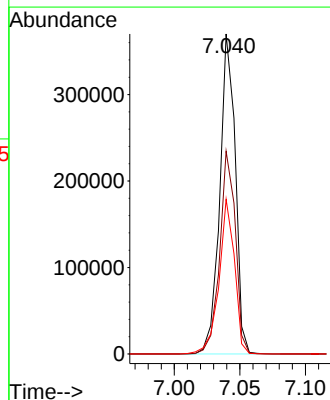
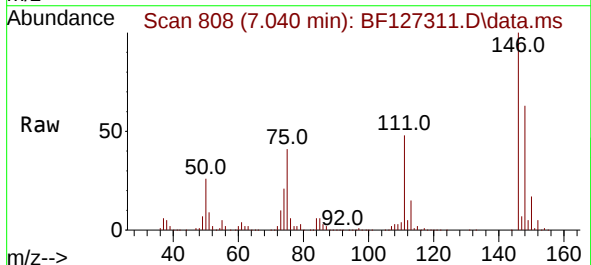
Manual Integrations  
APPROVED

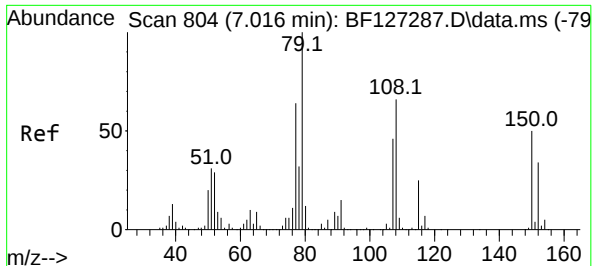
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#14  
1,2-Dichlorobenzene  
Concen: 36.725 ng  
RT: 7.040 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

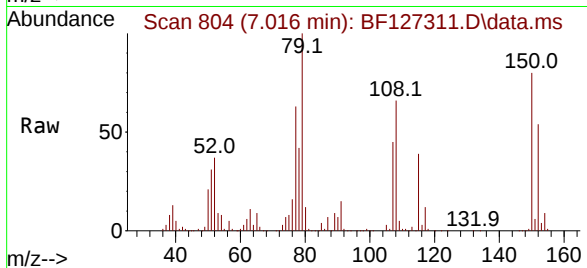
Tgt Ion:146 Resp: 303150  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.6 77.4  
111 48.4 40.2 60.2





#15  
Benzyl Alcohol  
Concen: 36.714 ng  
RT: 7.016 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

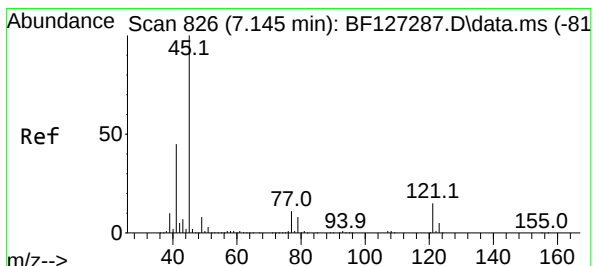
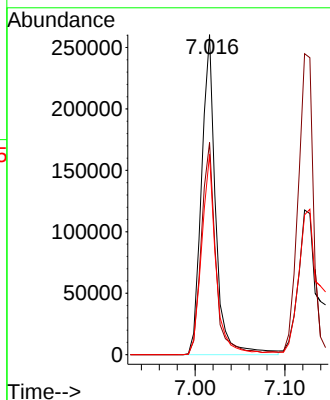
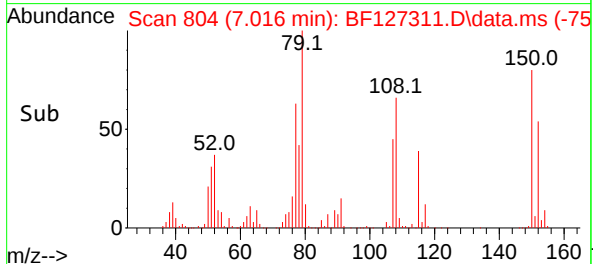
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 285009  
Ion Ratio Lower Upper  
79 100  
108 66.3 63.2 94.8  
77 62.5 49.4 74.2

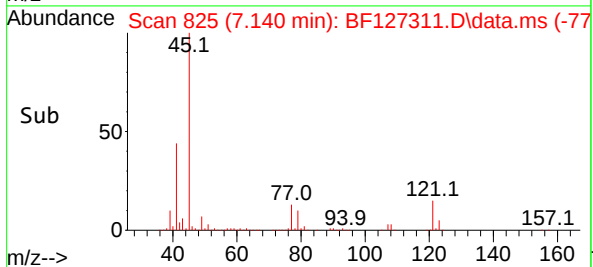
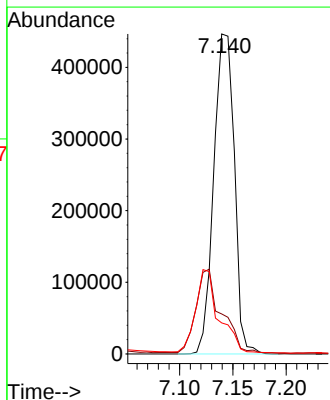
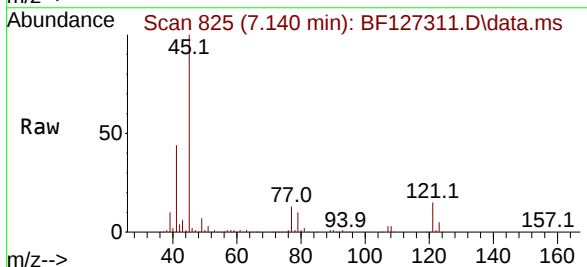
Manual Integrations  
APPROVED

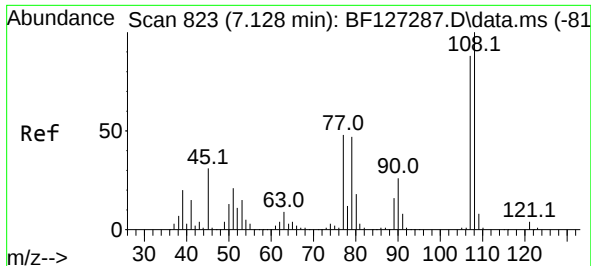
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.812 ng  
RT: 7.140 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

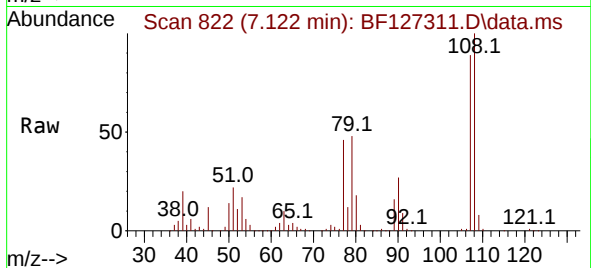
Tgt Ion: 45 Resp: 599520  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 32.4  
79 9.7 0.0 29.8





#17  
2-Methylphenol  
Concen: 37.488 ng  
RT: 7.122 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

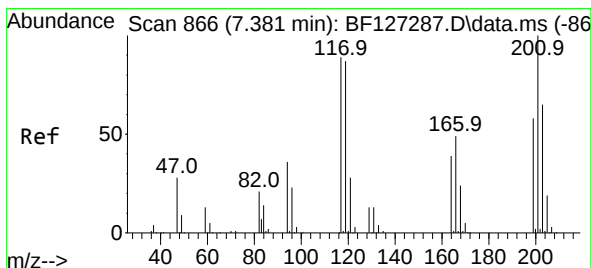
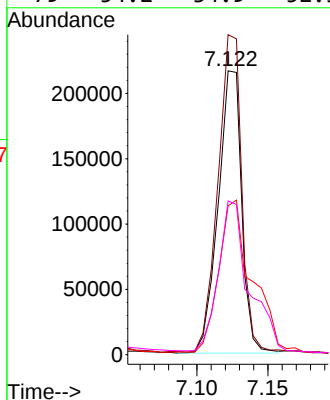
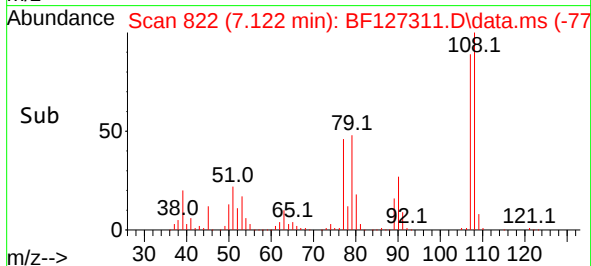
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 248220  
Ion Ratio Lower Upper  
107 100  
108 112.8 93.4 140.0  
77 52.4 36.1 54.1  
79 54.2 34.9 52.3#

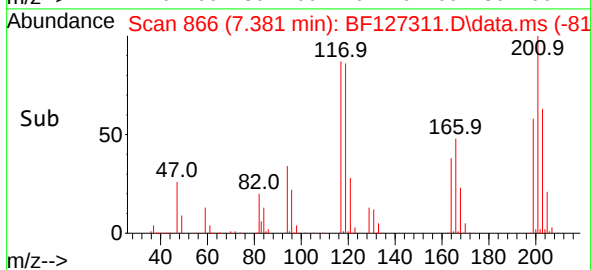
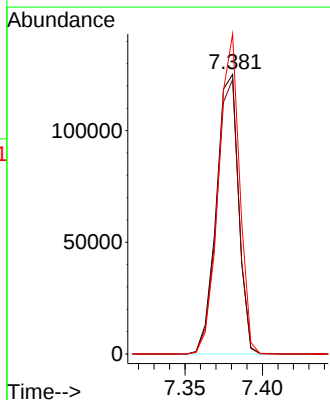
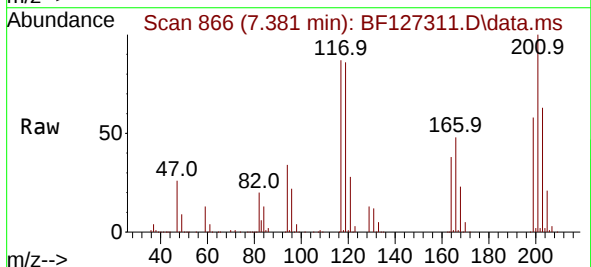
Manual Integrations  
APPROVED

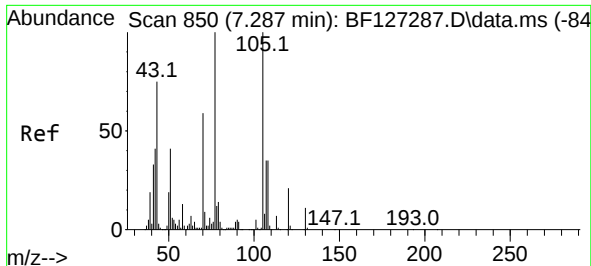
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#18  
Hexachloroethane  
Concen: 37.076 ng  
RT: 7.381 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:117 Resp: 124916  
Ion Ratio Lower Upper  
117 100  
119 98.1 75.4 113.0  
201 114.5 56.8 85.2#





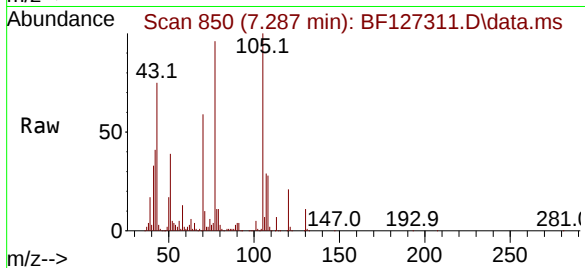
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.608 ng  
RT: 7.287 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

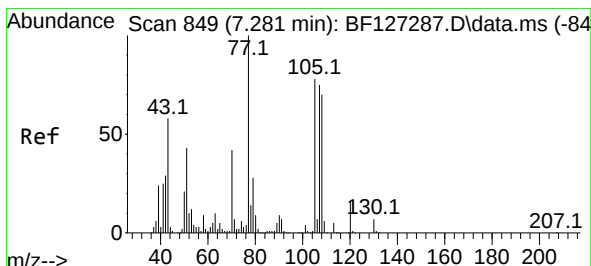
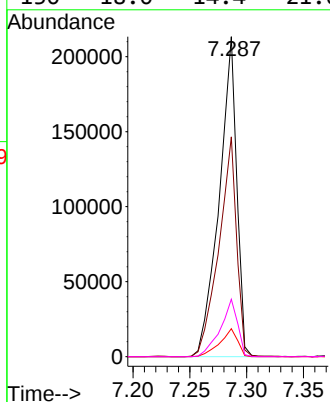
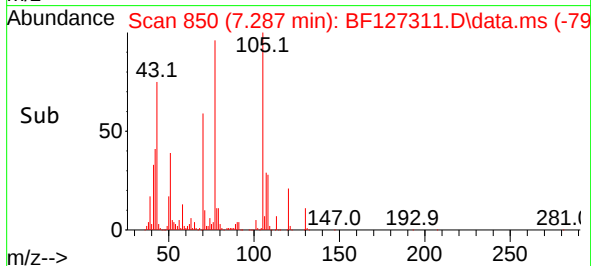


Tgt Ion: 70 Resp: 230139  
Ion Ratio Lower Upper  
70 100  
42 68.7 45.8 68.8  
101 8.8 6.9 10.3  
130 18.0 14.4 21.6

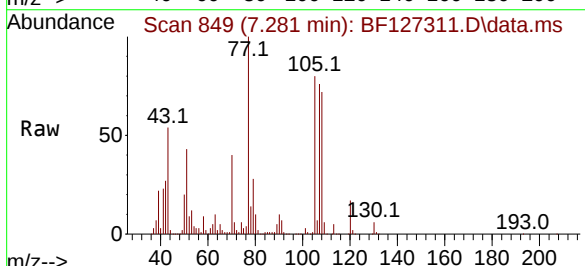
Manual Integrations

APPROVED

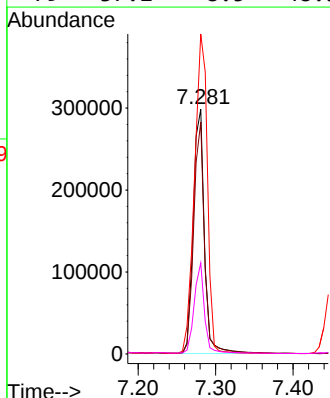
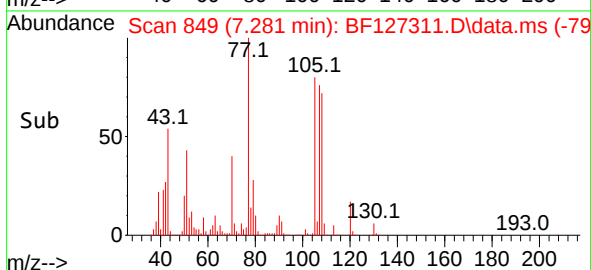
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

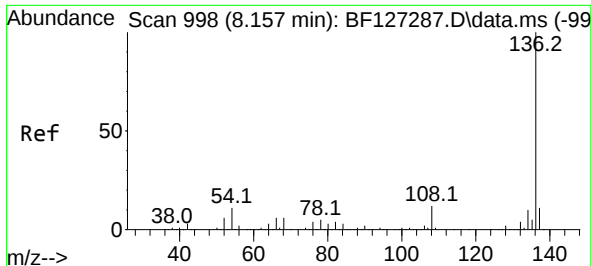


#20  
3+4-Methylphenols  
Concen: 34.691 ng  
RT: 7.281 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



Tgt Ion:107 Resp: 297886  
Ion Ratio Lower Upper  
107 100  
108 94.7 72.4 112.4  
77 130.8 83.8 123.8#  
79 37.2 8.5 48.5





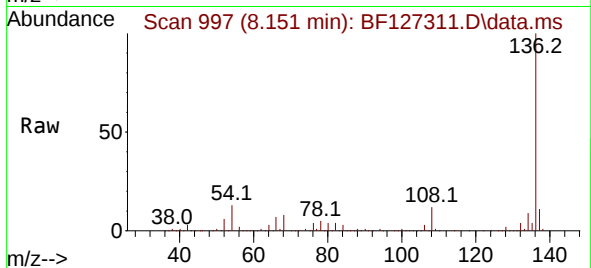
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

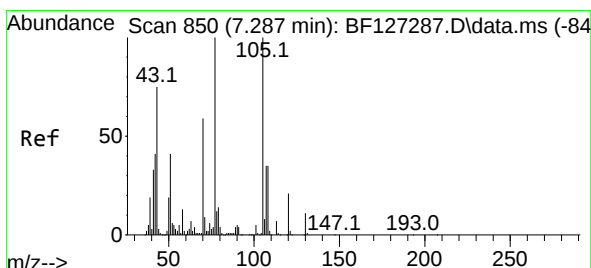
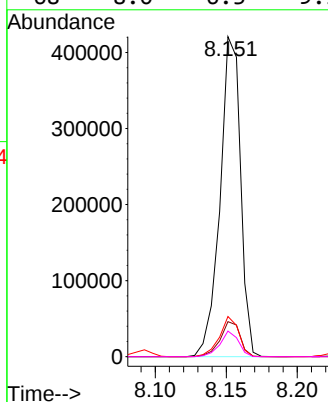
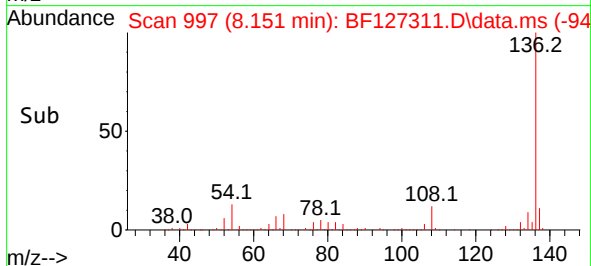


Tgt Ion:136 Resp: 421447  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 12.5 7.8 11.6  
68 8.0 6.3 9.5

Manual Integrations

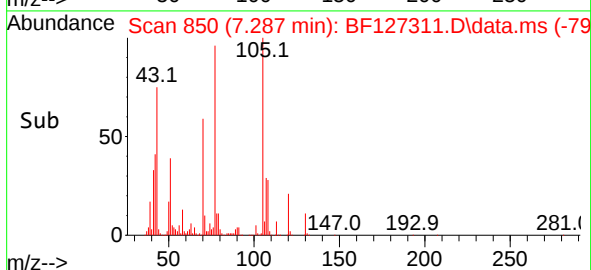
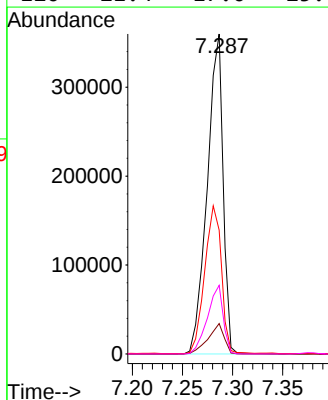
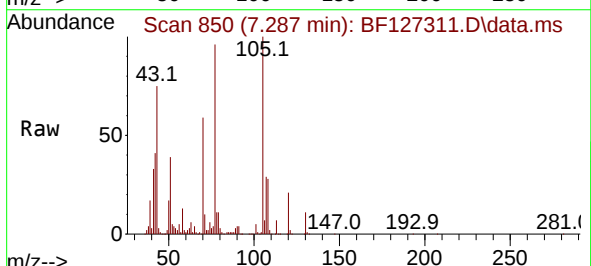
APPROVED

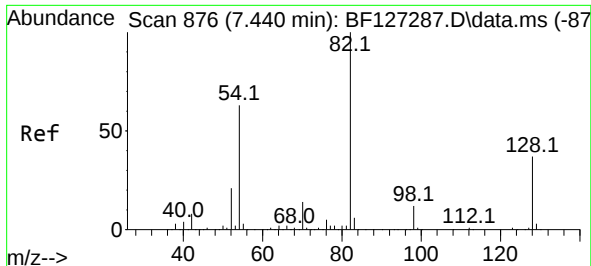
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#22  
Acetophenone  
Concen: 34.475 ng  
RT: 7.287 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:105 Resp: 397806  
Ion Ratio Lower Upper  
105 100  
71 9.5 5.4 8.0#  
51 38.7 27.4 41.0  
120 21.4 17.0 25.6





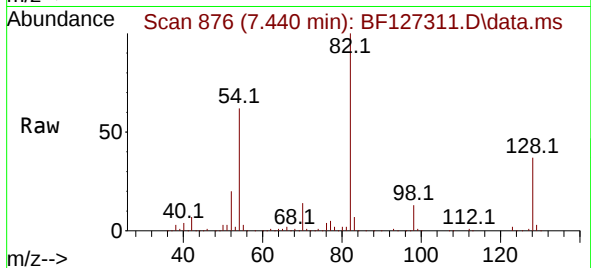
#23  
Nitrobenzene-d5  
Concen: 73.002 ng  
RT: 7.440 min Scan# 876  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

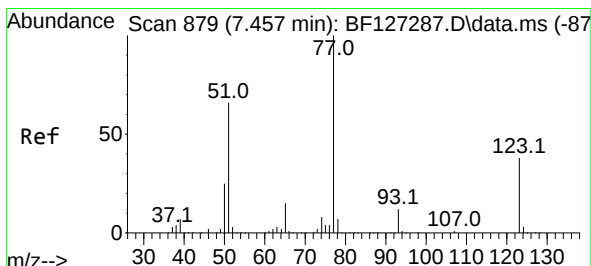
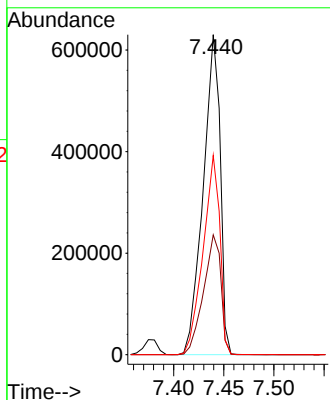
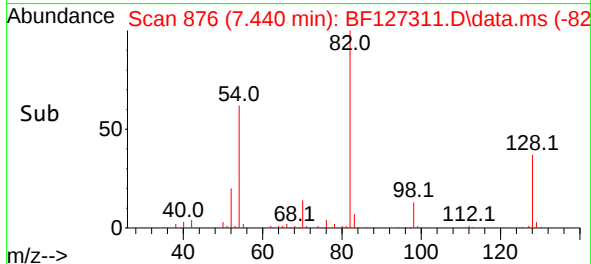


Tgt Ion: 82 Resp: 74498  
Ion Ratio Lower Upper  
82 100  
128 37.4 32.7 49.1  
54 62.3 41.7 62.5

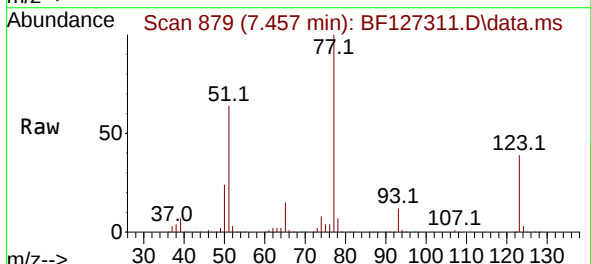
Manual Integrations

APPROVED

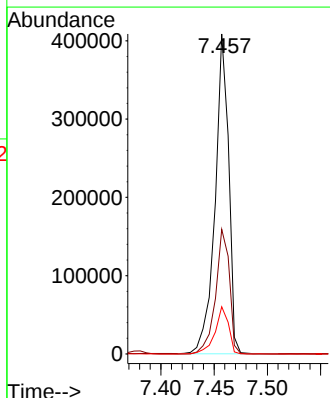
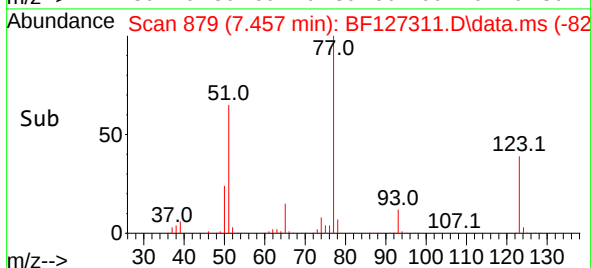
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#24  
Nitrobenzene  
Concen: 37.325 ng  
RT: 7.457 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



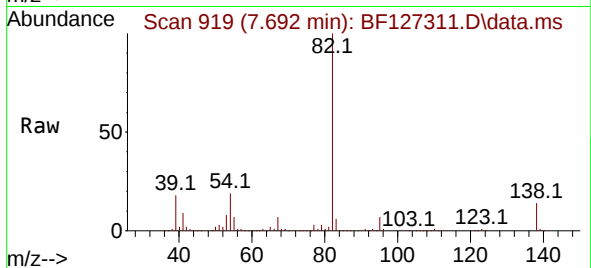
Tgt Ion: 77 Resp: 360260  
Ion Ratio Lower Upper  
77 100  
123 38.9 34.6 52.0  
65 14.8 10.6 15.8





#25  
Isophorone  
Concen: 37.571 ng  
RT: 7.692 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

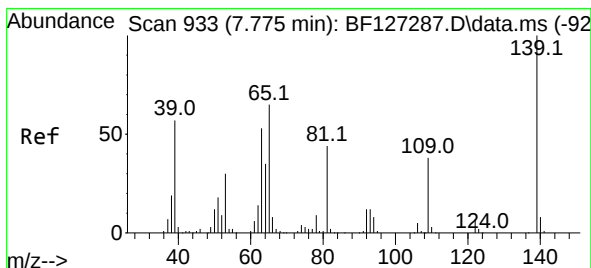
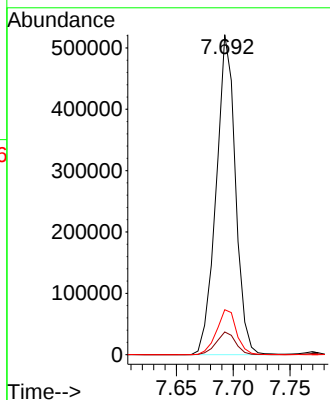
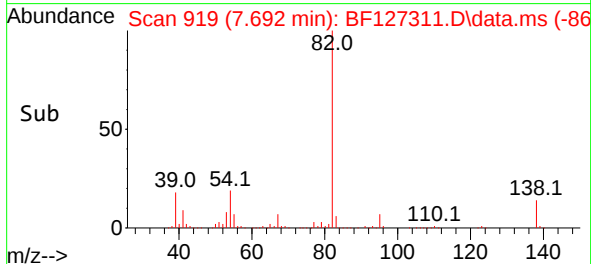
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDCCC040



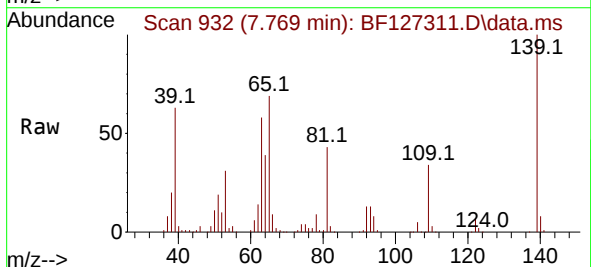
Tgt Ion: 82 Resp: 61652  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.0 7.4  
138 14.1 12.3 18.5

Manual Integrations  
APPROVED

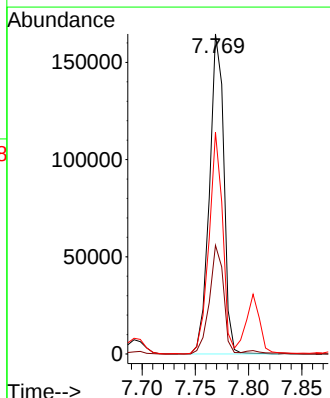
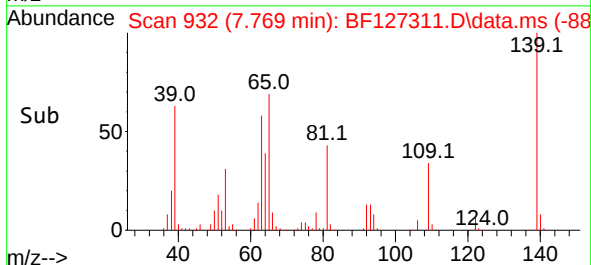
Reviewed By : Christian Giraldo 03/15/2022  
Supervised By : Jagrut Upadhyay 03/15/2022

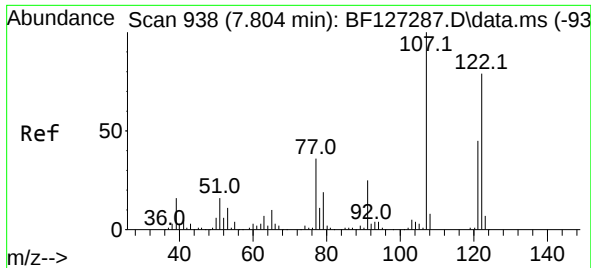


#26  
2-Nitrophenol  
Concen: 38.604 ng  
RT: 7.769 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



Tgt Ion: 139 Resp: 154308  
Ion Ratio Lower Upper  
139 100  
109 34.0 20.0 30.0#  
65 69.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 38.795 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

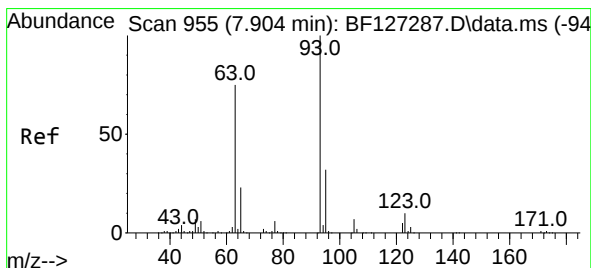
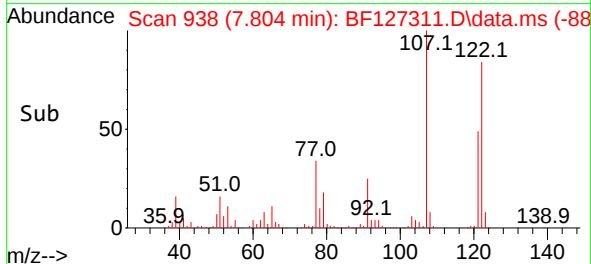
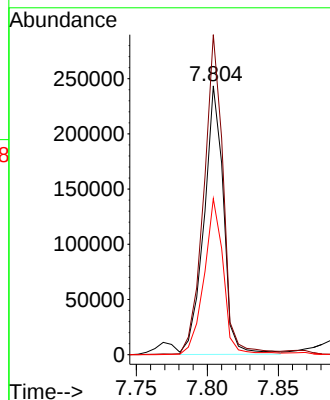
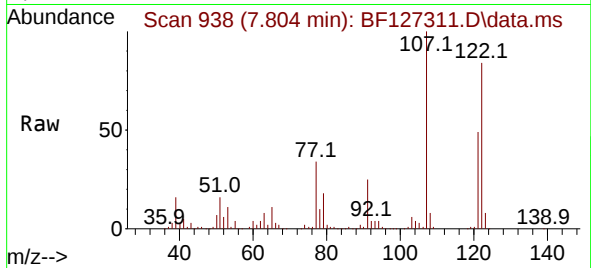
|             |             |
|-------------|-------------|
| Tgt Ion:122 | Resp: 23278 |
| Ion Ratio   | Lower Upper |
| 122 100     |             |
| 107 119.0   | 91.2 136.8  |
| 121 58.0    | 44.4 66.6   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#28

bis(2-Chloroethoxy)methane

Concen: 38.491 ng

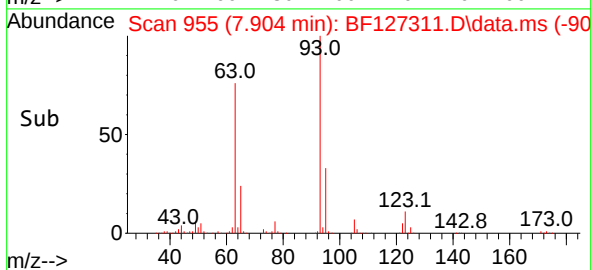
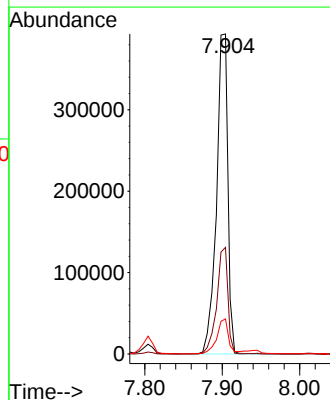
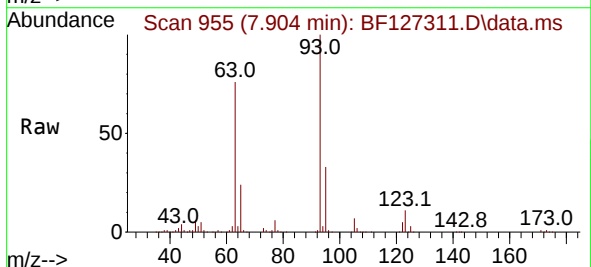
RT: 7.904 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

|             |              |
|-------------|--------------|
| Tgt Ion: 93 | Resp: 400202 |
| Ion Ratio   | Lower Upper  |
| 93 100      |              |
| 95 33.3     | 25.4 38.2    |
| 123 10.9    | 8.9 13.3     |





#29

2,4-Dichlorophenol

Concen: 37.980 ng

RT: 8.016 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127311.D

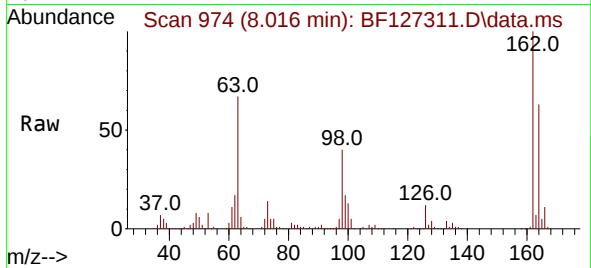
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



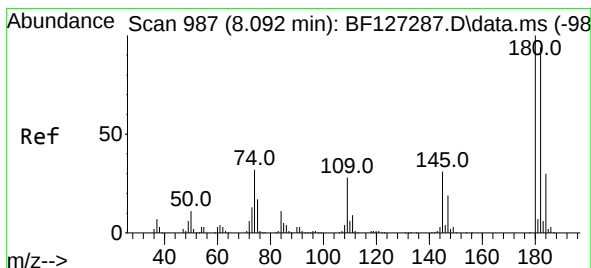
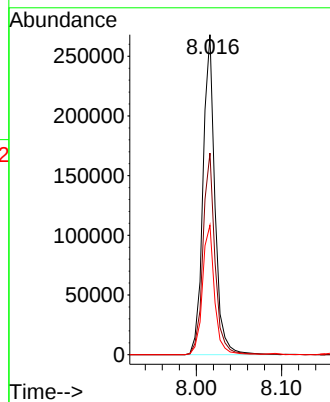
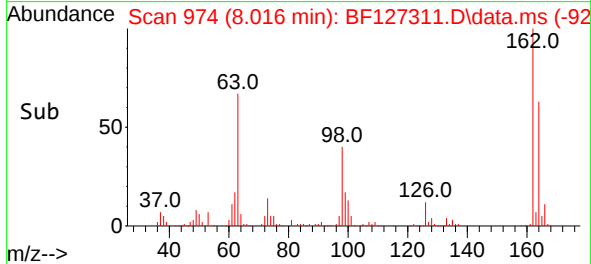
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 260992    |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 63.0  | 43.8 83.8 |
| 98          | 40.5  | 23.6 63.6 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.042 ng

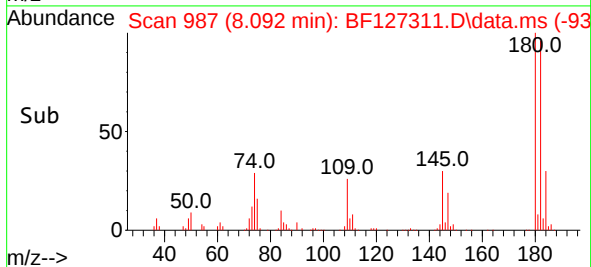
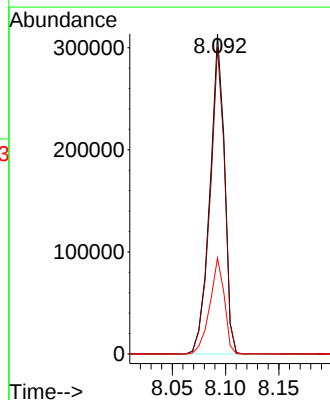
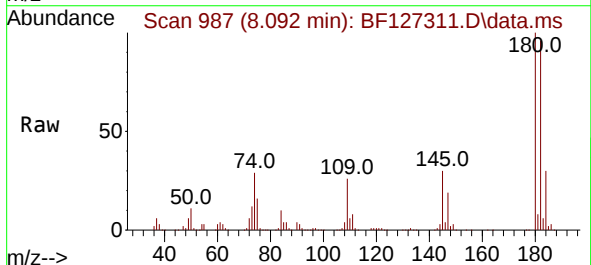
RT: 8.092 min Scan# 987

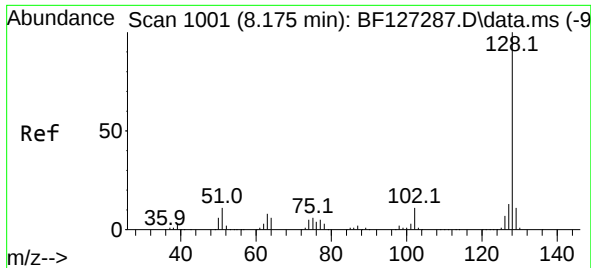
Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

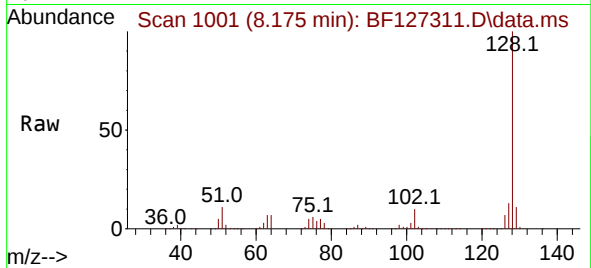
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 298028     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.9  | 75.5 113.3 |
| 145         | 30.0  | 26.2 39.2  |





#31  
Naphthalene  
Concen: 37.369 ng  
RT: 8.175 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

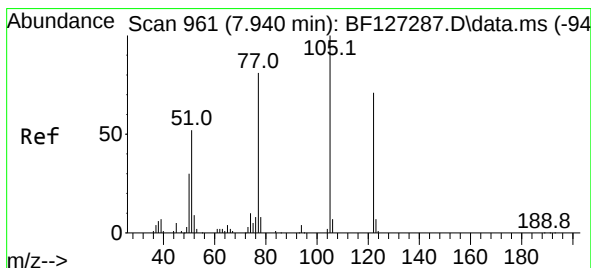
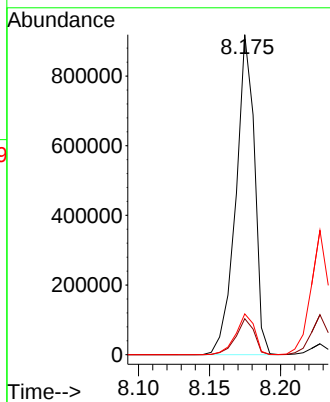
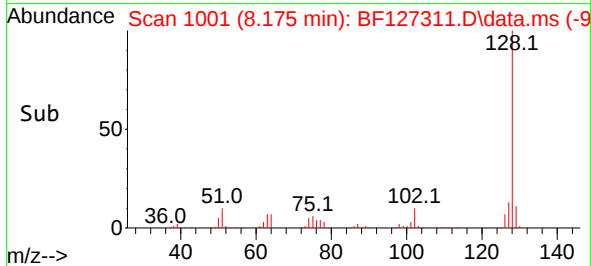
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 840125  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 12.8 10.3 15.5

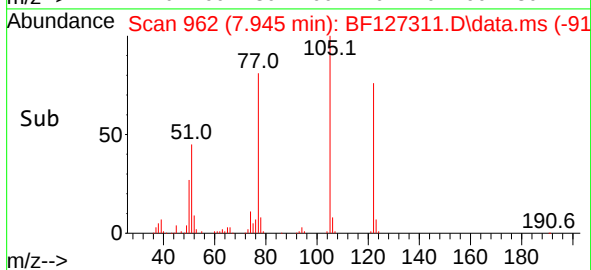
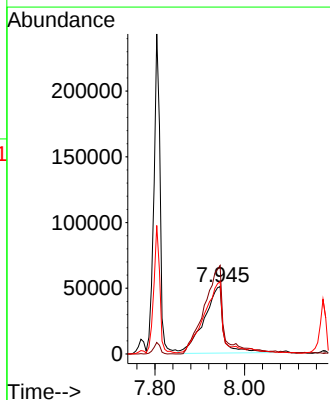
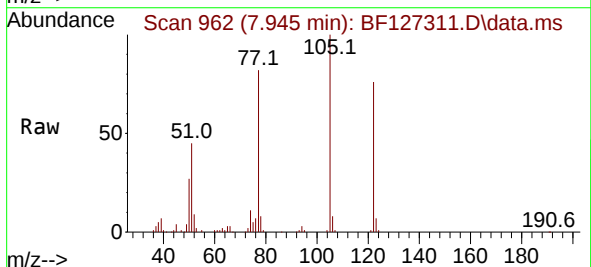
Manual Integrations  
APPROVED

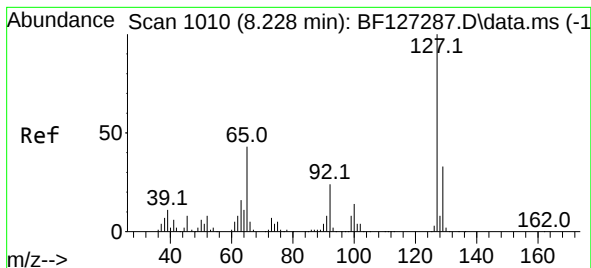
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#32  
Benzoic acid  
Concen: 38.500 ng  
RT: 7.945 min Scan# 962  
Delta R.T. 0.005 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:122 Resp: 154232  
Ion Ratio Lower Upper  
122 100  
105 131.3 101.0 141.0  
77 107.3 74.5 114.5





#33  
4-Chloroaniline  
Concen: 37.242 ng  
RT: 8.228 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

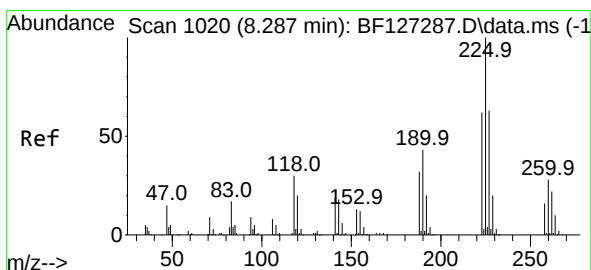
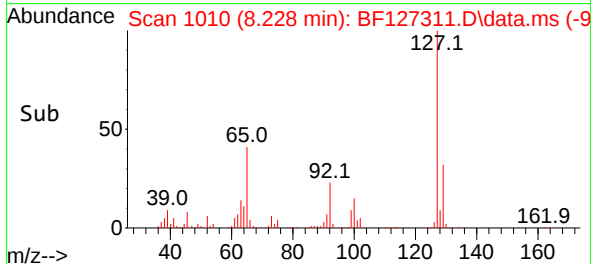
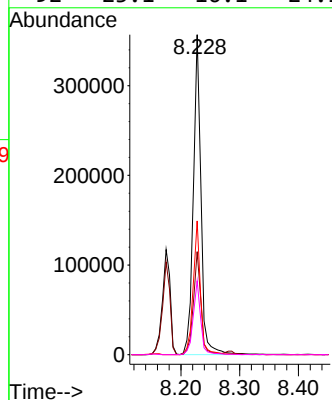
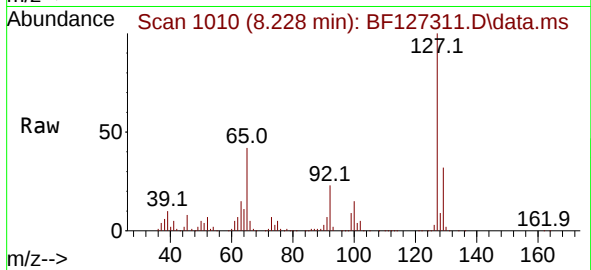
SSTDCCC040

Tgt Ion:127 Resp: 32453  
Ion Ratio Lower Upper  
127 100  
129 32.2 26.5 39.7  
65 41.8 26.6 39.8  
92 23.1 16.1 24.1

Manual Integrations

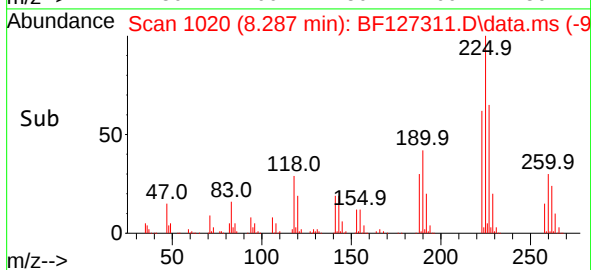
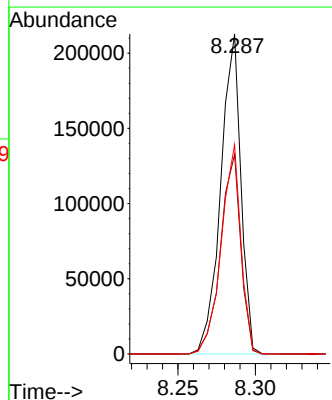
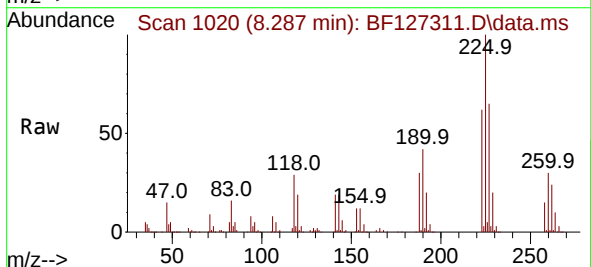
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#34  
Hexachlorobutadiene  
Concen: 36.902 ng  
RT: 8.287 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

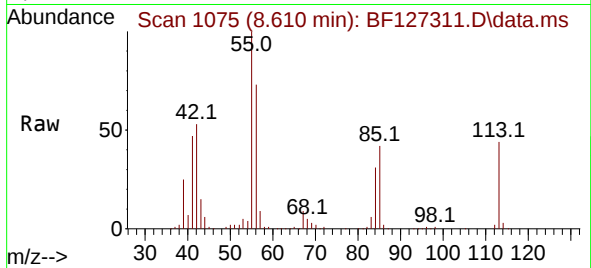
Tgt Ion:225 Resp: 192784  
Ion Ratio Lower Upper  
225 100  
223 62.3 48.6 73.0  
227 65.4 51.4 77.0





#35  
Caprolactam  
Concen: 38.679 ng  
RT: 8.610 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

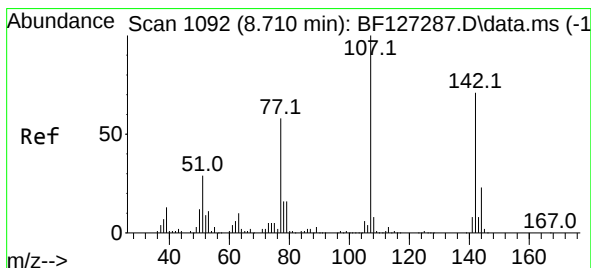
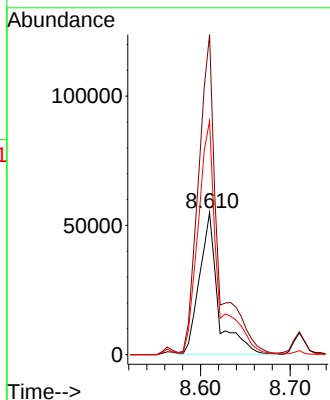
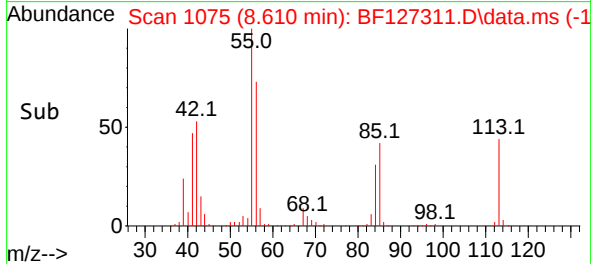
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 79402  
Ion Ratio Lower Upper  
113 100  
55 225.5 183.9 223.9  
56 164.8 129.9 169.9

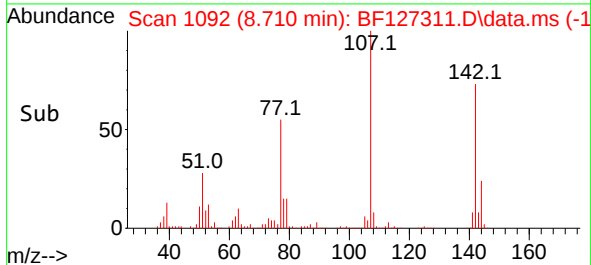
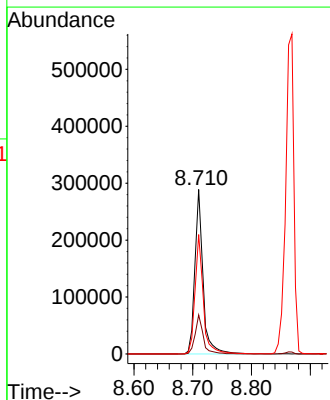
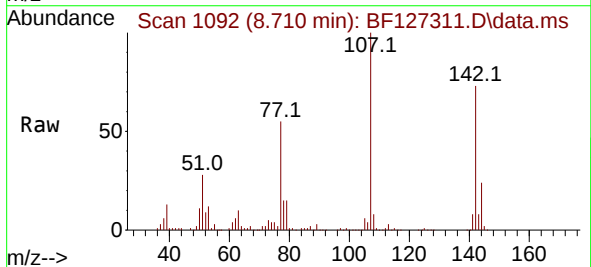
Manual Integrations  
APPROVED

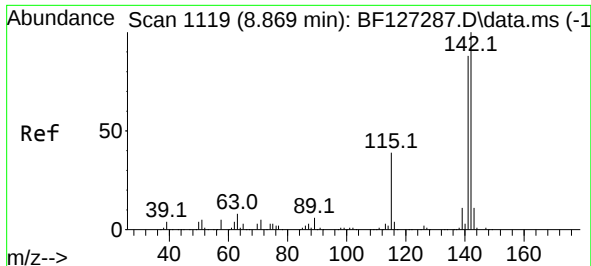
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#36  
4-Chloro-3-methylphenol  
Concen: 37.465 ng  
RT: 8.710 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:107 Resp: 279037  
Ion Ratio Lower Upper  
107 100  
144 23.7 18.5 27.7  
142 72.6 58.1 87.1





#37  
2-Methylnaphthalene  
Concen: 37.177 ng  
RT: 8.869 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

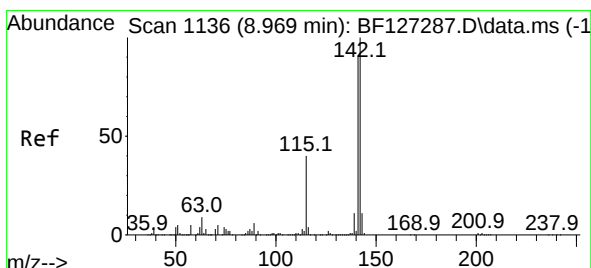
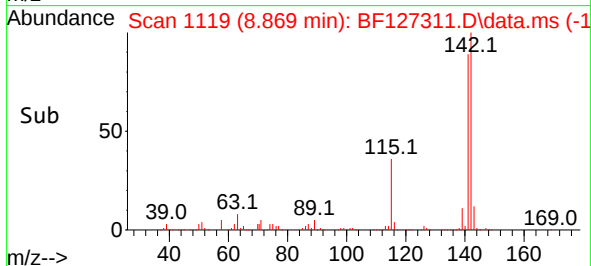
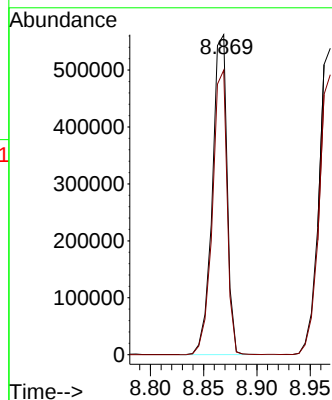
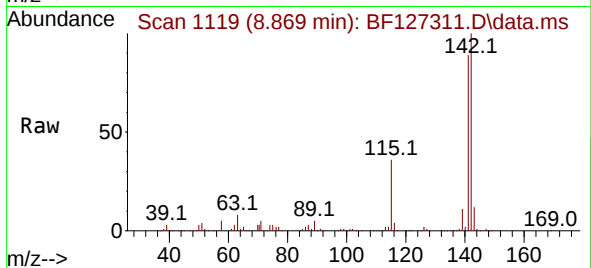
SSTDCCC040

Tgt Ion:142 Resp: 546120  
Ion Ratio Lower Upper  
142 100  
141 88.9 68.6 102.8

Manual Integrations

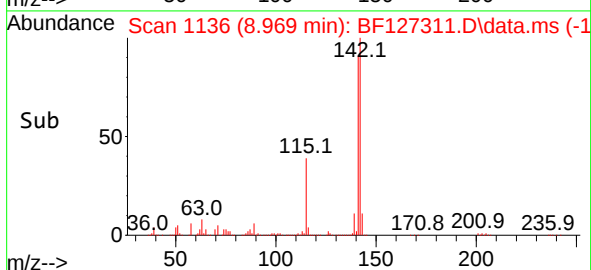
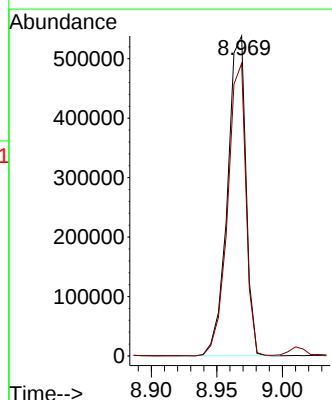
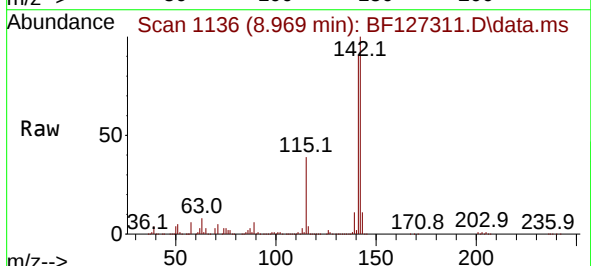
APPROVED

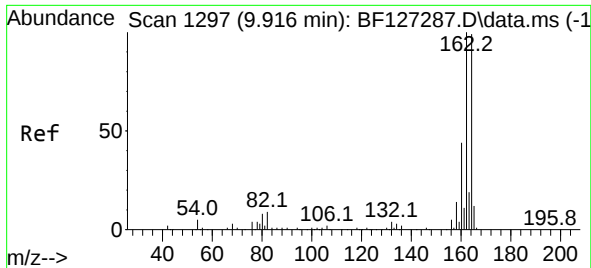
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#38  
1-Methylnaphthalene  
Concen: 37.412 ng  
RT: 8.969 min Scan# 1136  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

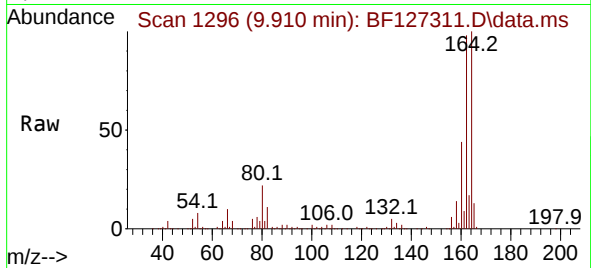
Tgt Ion:142 Resp: 528339  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.1 108.1





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

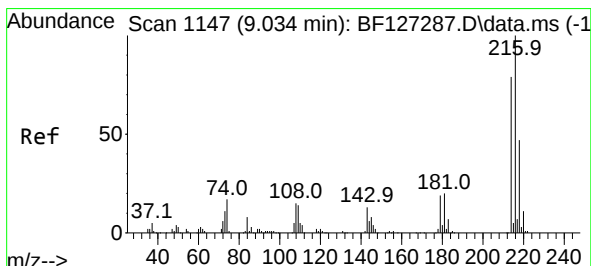
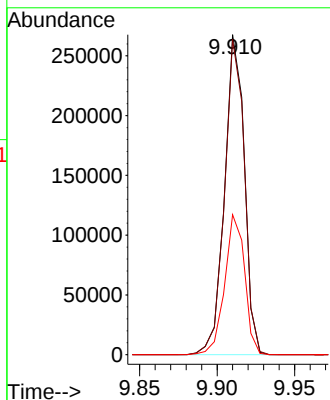
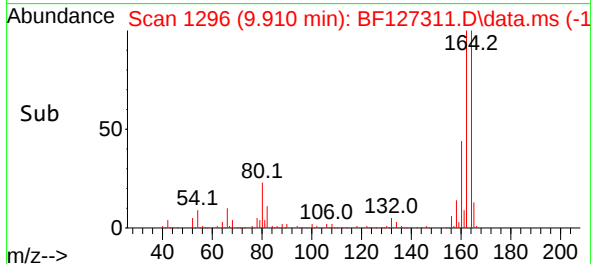
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



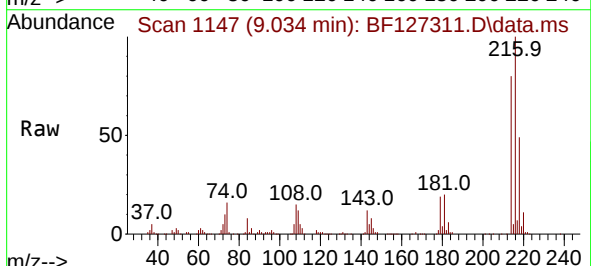
Tgt Ion:164 Resp: 23769  
Ion Ratio Lower Upper  
164 100  
162 98.5 81.4 122.0  
160 43.8 36.6 54.8

Manual Integrations  
APPROVED

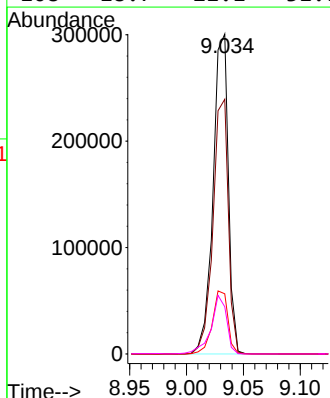
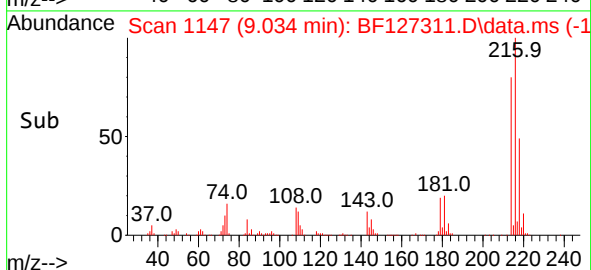
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

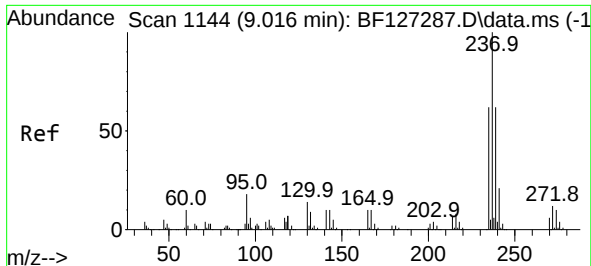


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.380 ng  
RT: 9.034 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



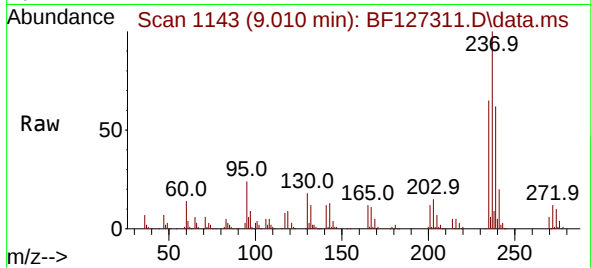
Tgt Ion:216 Resp: 281265  
Ion Ratio Lower Upper  
216 100  
214 80.1 64.6 96.8  
179 20.0 19.5 29.3  
108 18.7 21.1 31.7#





#41  
Hexachlorocyclopentadiene  
Concen: 39.668 ng  
RT: 9.010 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

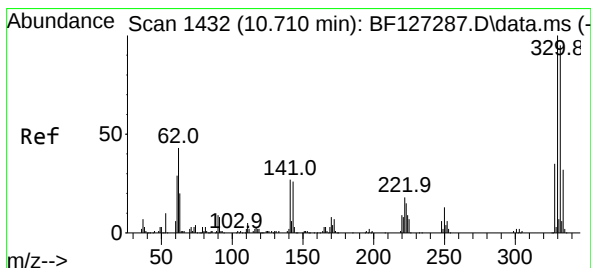
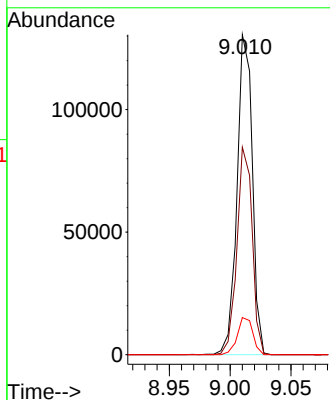
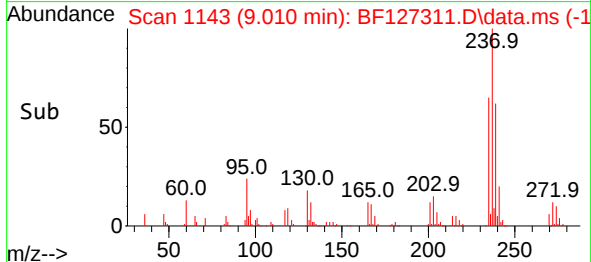
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



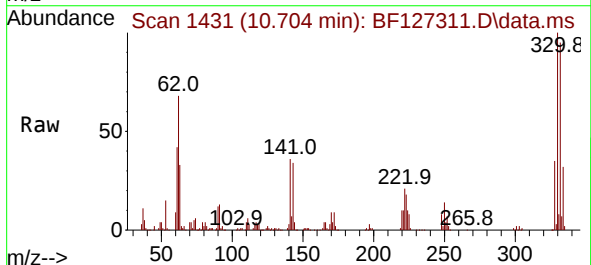
Tgt Ion:237 Resp: 114380  
Ion Ratio Lower Upper  
237 100  
235 64.8 38.9 78.9  
272 11.6 0.0 33.5

Manual Integrations  
APPROVED

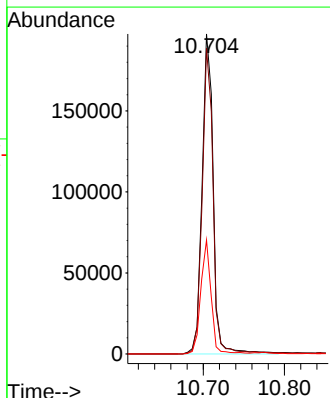
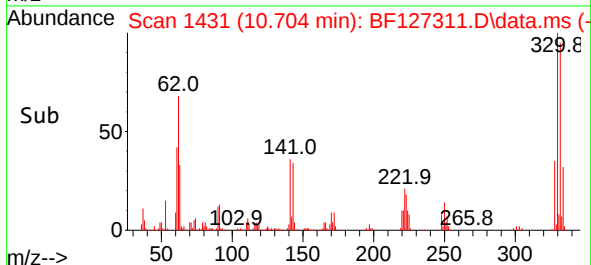
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

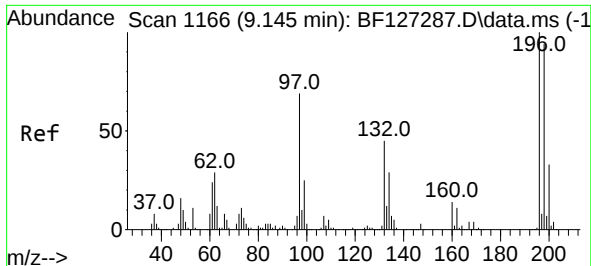


#42  
2,4,6-Tribromophenol  
Concen: 73.199 ng  
RT: 10.704 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



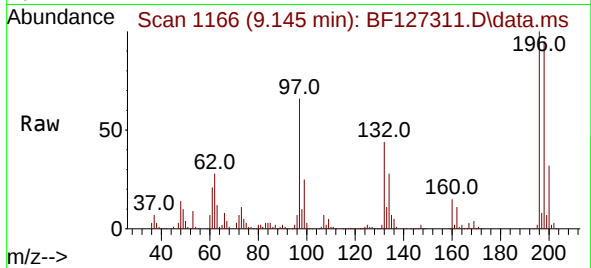
Tgt Ion:330 Resp: 187296  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.0 114.0  
141 33.2 30.1 45.1





#43  
2,4,6-Trichlorophenol  
Concen: 38.656 ng  
RT: 9.145 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

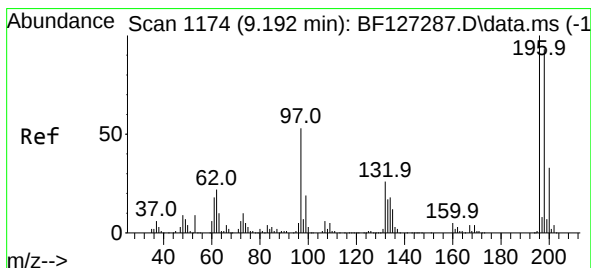
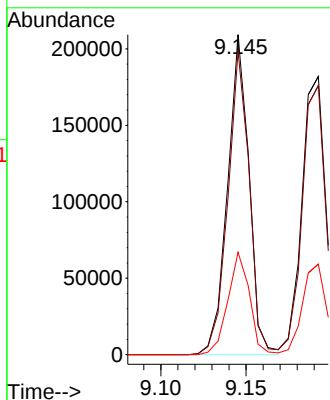
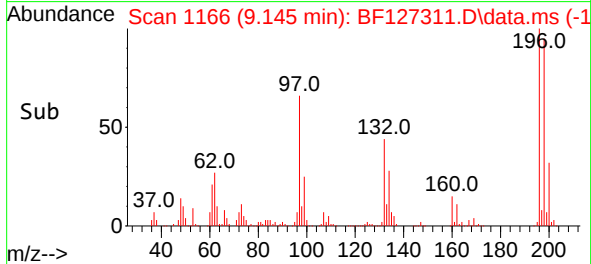
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 18358  
Ion Ratio Lower Upper  
196 100  
198 95.0 78.5 117.7  
200 32.0 24.9 37.3

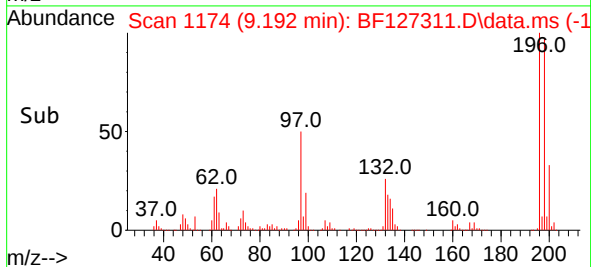
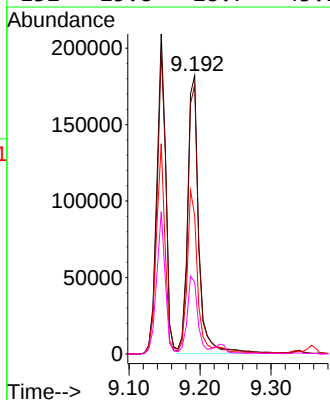
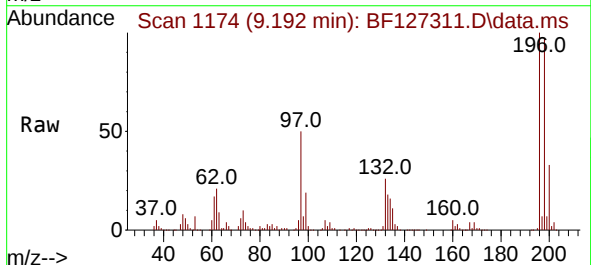
Manual Integrations  
APPROVED

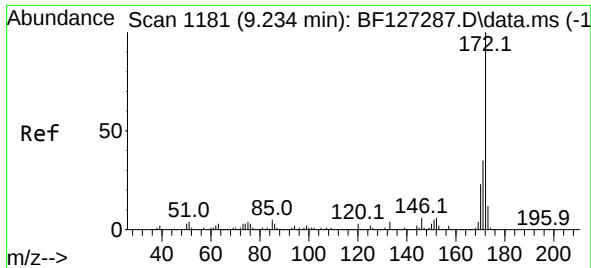
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#44  
2,4,5-Trichlorophenol  
Concen: 39.258 ng  
RT: 9.192 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

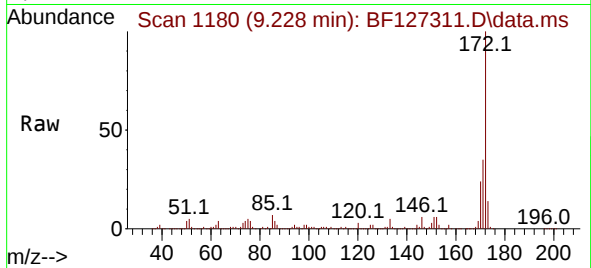
Tgt Ion:196 Resp: 197870  
Ion Ratio Lower Upper  
196 100  
198 96.7 82.0 123.0  
97 49.7 53.5 80.3#  
132 25.8 28.7 43.1#





#45  
2-Fluorobiphenyl  
Concen: 71.250 ng  
RT: 9.228 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

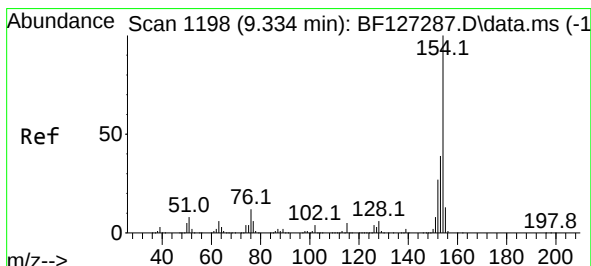
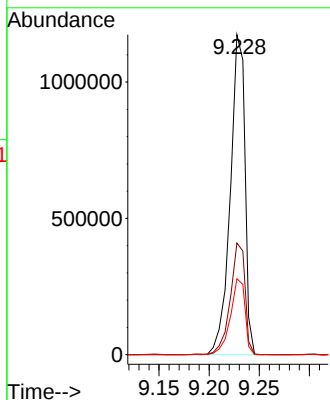
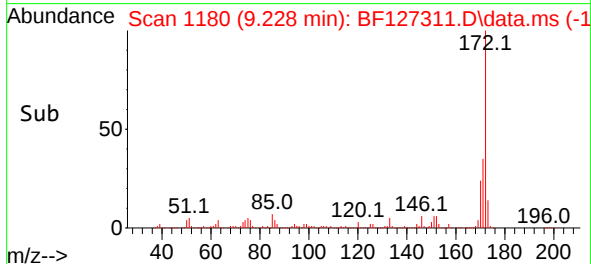
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



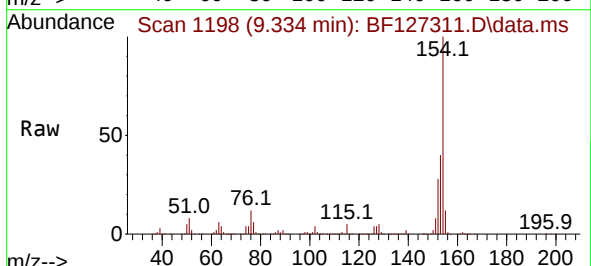
Tgt Ion:172 Resp: 119787  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.3 42.5  
170 23.8 19.0 28.6

Manual Integrations  
APPROVED

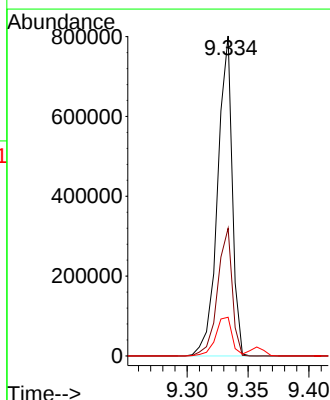
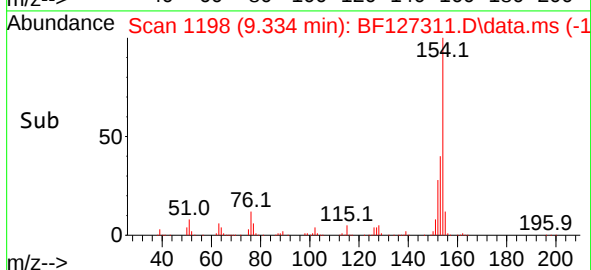
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

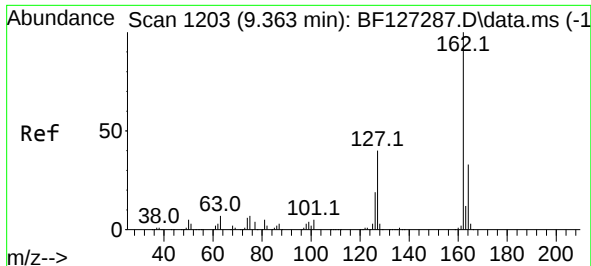


#46  
1,1'-Biphenyl  
Concen: 37.326 ng  
RT: 9.334 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



Tgt Ion:154 Resp: 669607  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.0 59.0  
76 12.1 0.0 34.5





#47  
2-Chloronaphthalene  
Concen: 38.176 ng  
RT: 9.357 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

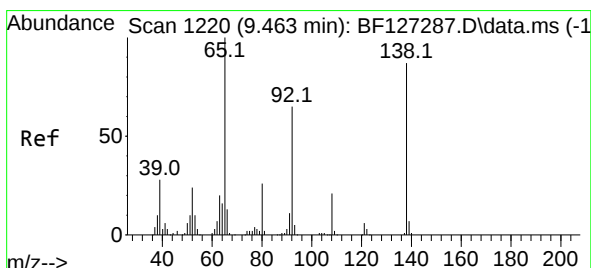
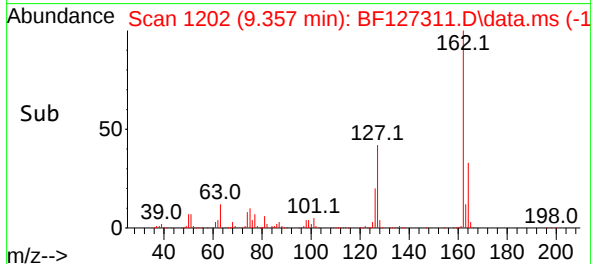
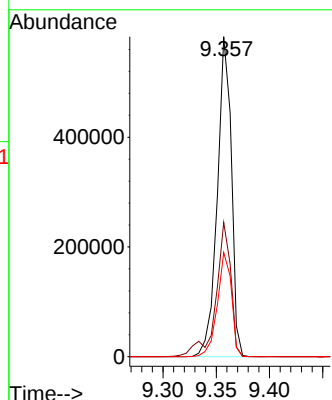
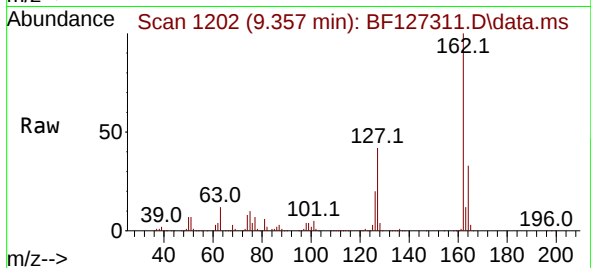
SSTDCCC040

Tgt Ion:162 Resp: 533110  
Ion Ratio Lower Upper  
162 100  
127 41.9 33.5 50.3  
164 32.6 26.2 39.4

Manual Integrations

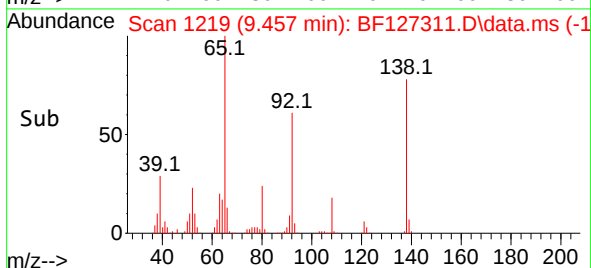
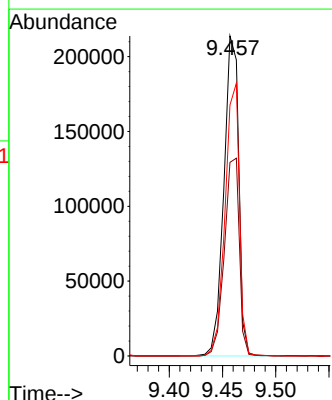
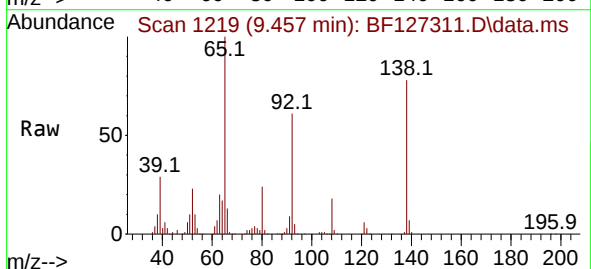
APPROVED

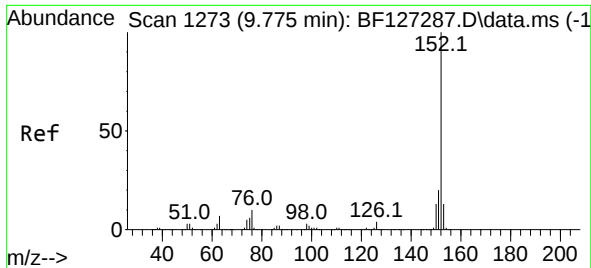
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#48  
2-Nitroaniline  
Concen: 38.470 ng  
RT: 9.457 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion: 65 Resp: 206698  
Ion Ratio Lower Upper  
65 100  
92 60.5 54.4 81.6  
138 78.4 72.5 108.7





#49  
Acenaphthylene  
Concen: 37.491 ng  
RT: 9.775 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

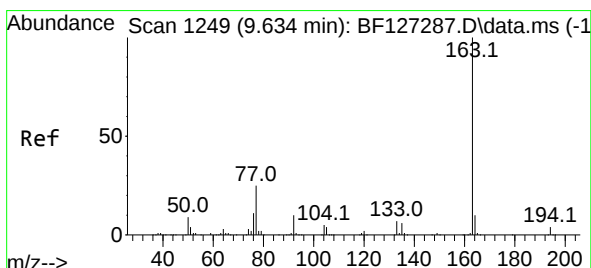
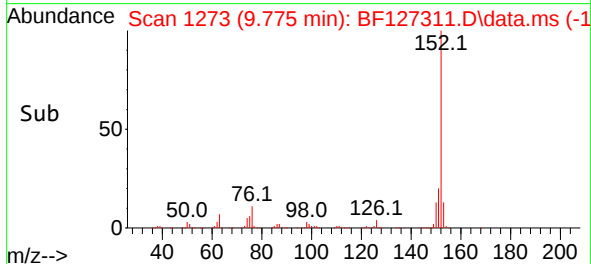
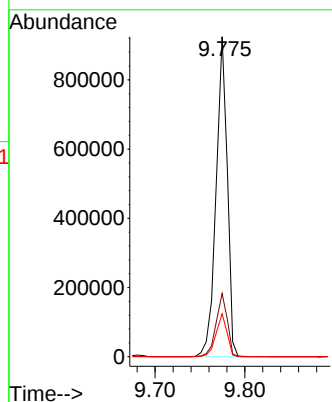
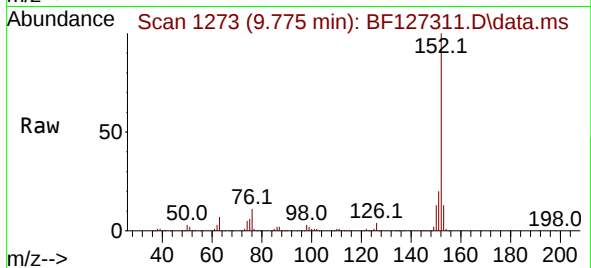
SSTDCCC040

Tgt Ion:152 Resp: 801210  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.7 23.5  
153 13.4 11.4 17.0

Manual Integrations

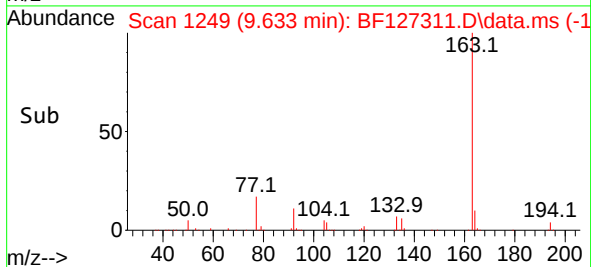
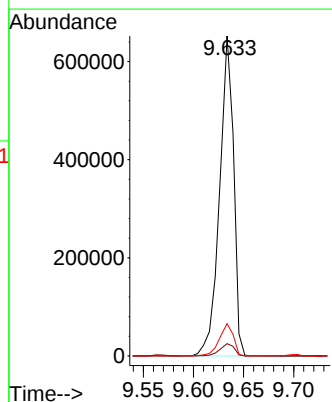
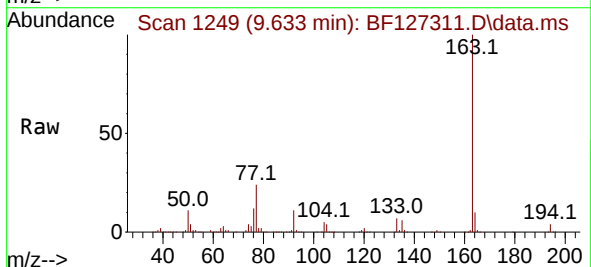
APPROVED

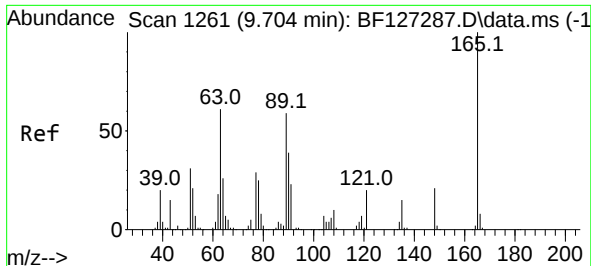
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#50  
Dimethylphthalate  
Concen: 37.162 ng  
RT: 9.633 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:163 Resp: 632954  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.6 3.8#  
164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 38.876 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 133938

Ion Ratio Lower Upper

165 100

63 59.8 48.4 72.6

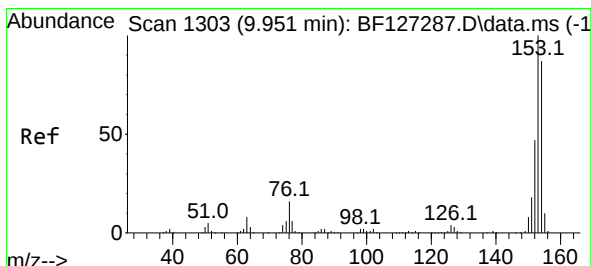
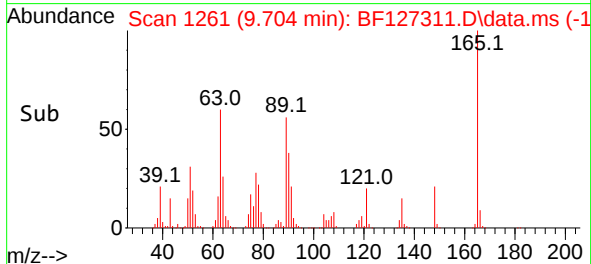
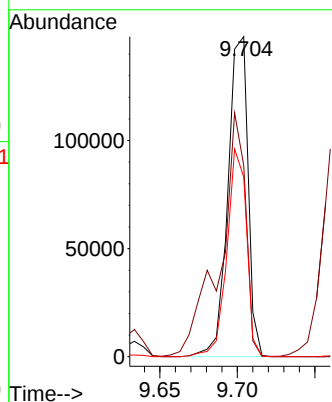
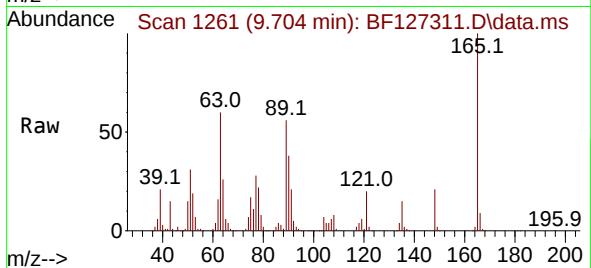
89 56.2 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#52

Acenaphthene

Concen: 36.795 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

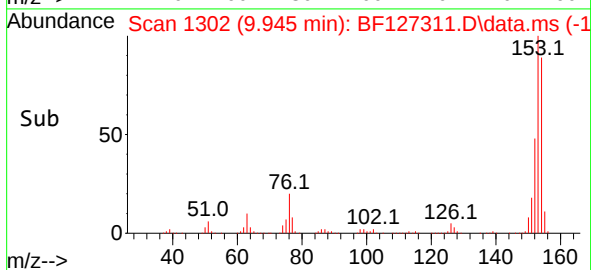
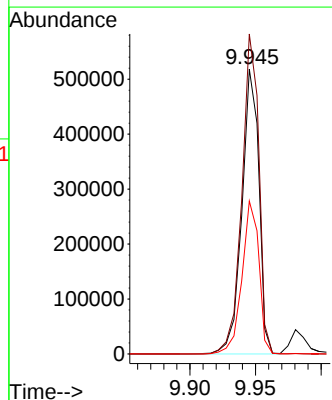
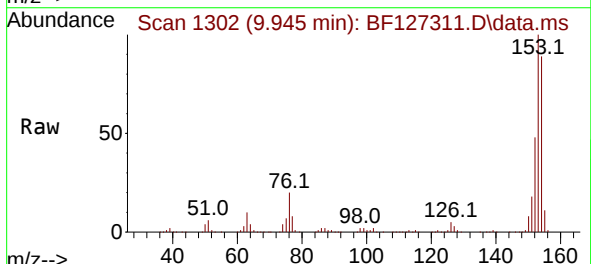
Tgt Ion:154 Resp: 468725

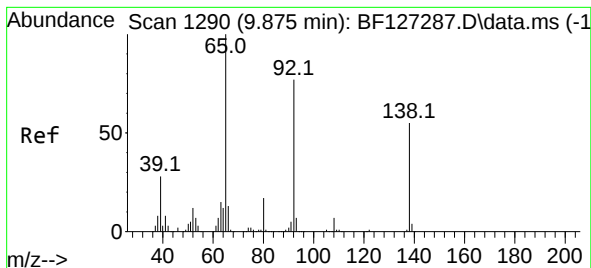
Ion Ratio Lower Upper

154 100

153 112.3 87.8 131.6

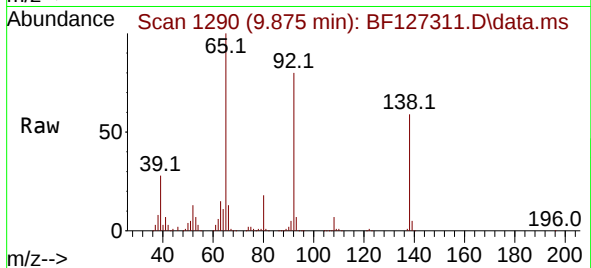
152 53.7 39.4 59.2





#53  
3-Nitroaniline  
Concen: 38.081 ng  
RT: 9.875 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

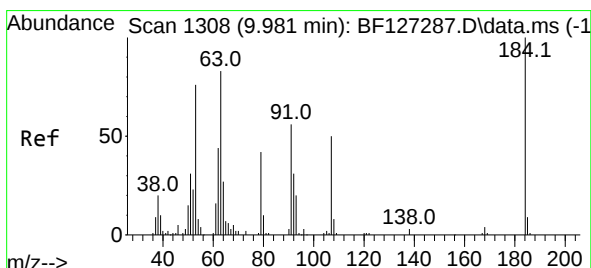
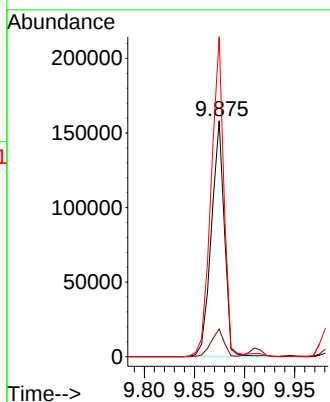
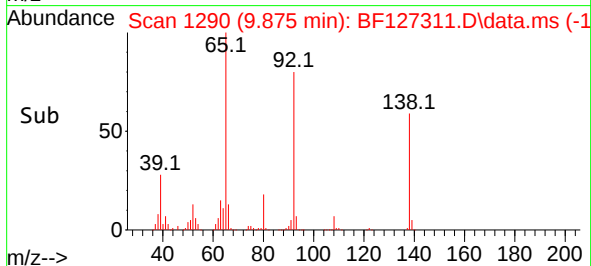
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 14297  
Ion Ratio Lower Upper  
138 100  
108 11.7 8.6 13.0  
92 135.6 105.0 157.6

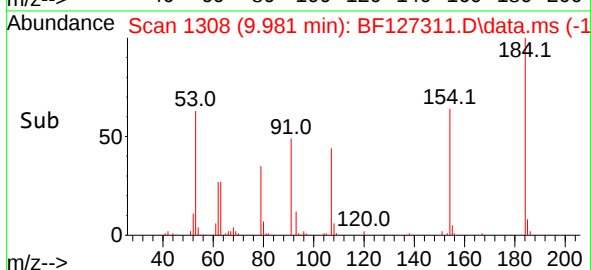
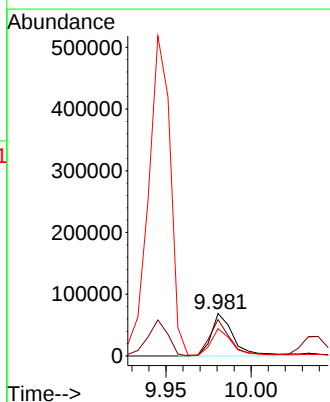
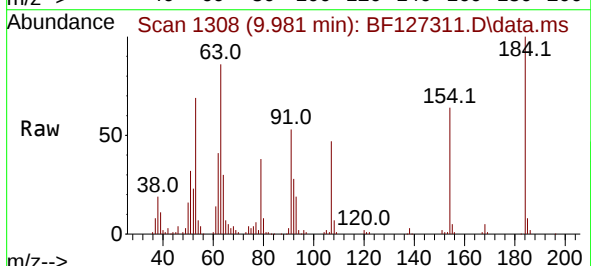
Manual Integrations  
APPROVED

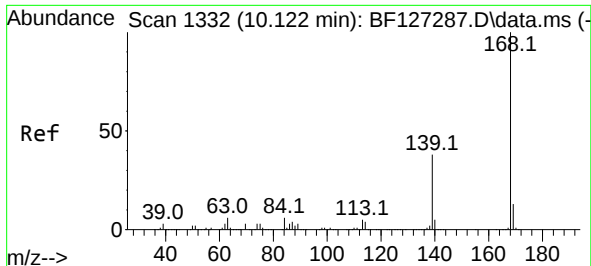
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#54  
2,4-Dinitrophenol  
Concen: 34.877 ng  
RT: 9.981 min Scan# 1308  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:184 Resp: 61894  
Ion Ratio Lower Upper  
184 100  
63 85.6 70.4 105.6  
154 64.4 49.7 74.5





#55

Dibenzenofuran

Concen: 36.684 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

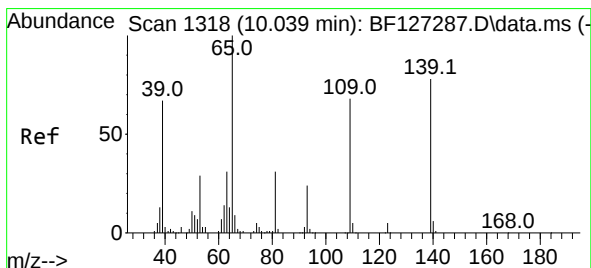
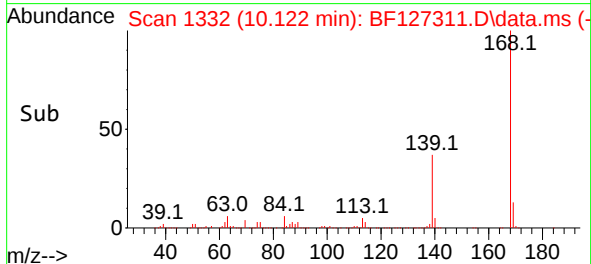
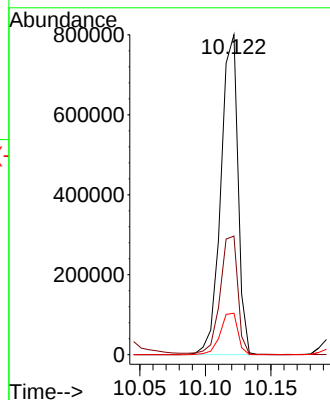
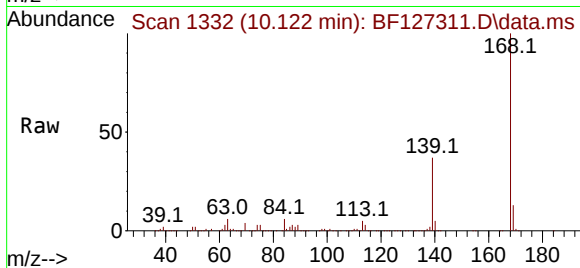
SSTDCCC040

Tgt Ion:168 Resp: 72599  
 Ion Ratio Lower Upper  
 168 100  
 139 37.1 30.6 46.0  
 169 12.9 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
 Supervised By :Jagrut Upadhyay 03/15/2022



#56

4-Nitrophenol

Concen: 39.512 ng

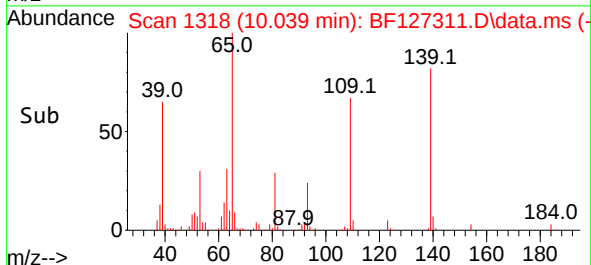
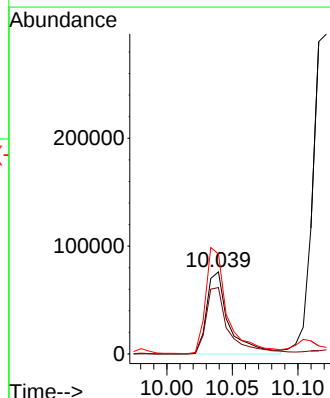
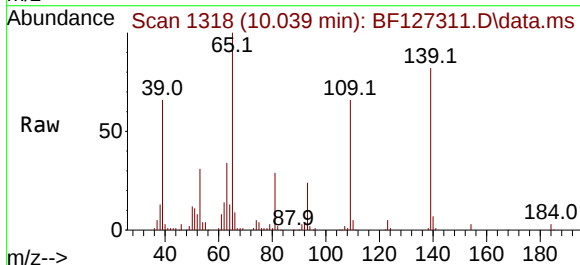
RT: 10.039 min Scan# 1318

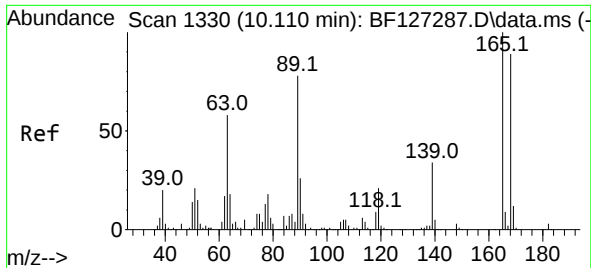
Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Tgt Ion:139 Resp: 90167  
 Ion Ratio Lower Upper  
 139 100  
 109 81.0 44.1 84.1  
 65 122.2 85.5 125.5





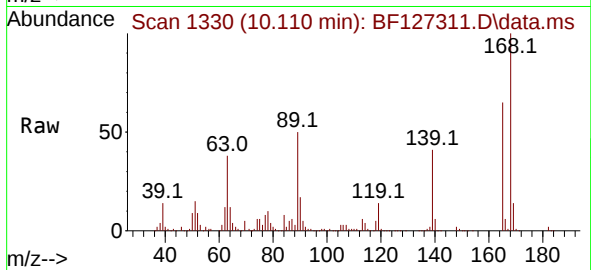
#57  
2,4-Dinitrotoluene  
Concen: 37.945 ng  
RT: 10.110 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

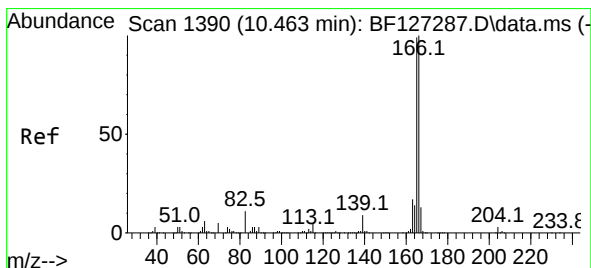
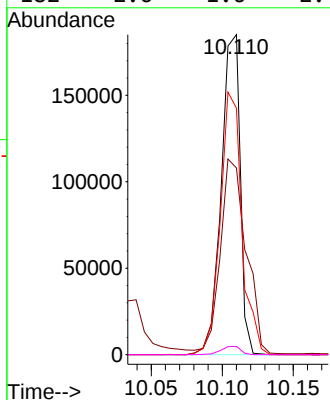
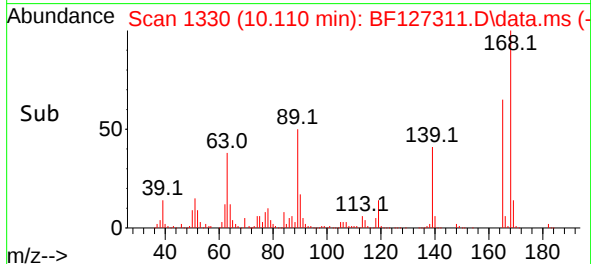


Tgt Ion:165 Resp: 172000  
Ion Ratio Lower Upper  
165 100  
63 58.4 43.0 64.6  
89 77.0 71.0 106.4  
182 2.6 1.6 2.4#

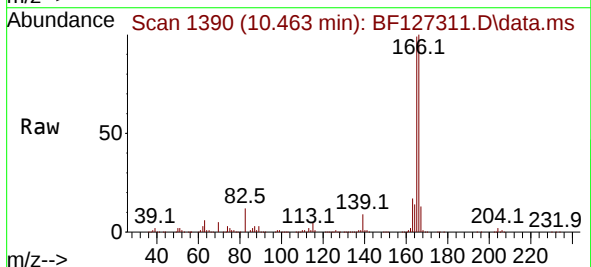
Manual Integrations

APPROVED

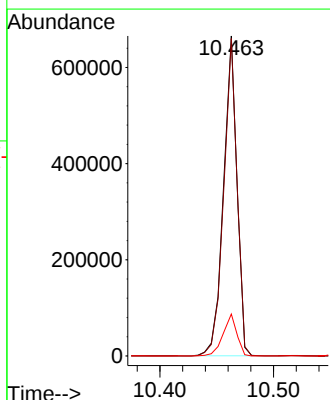
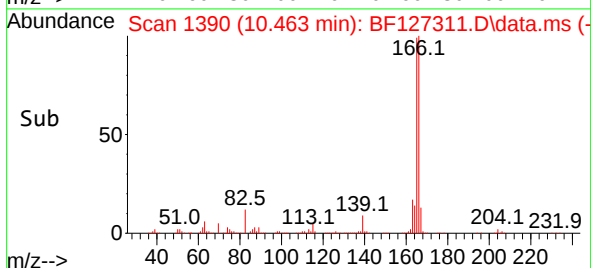
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

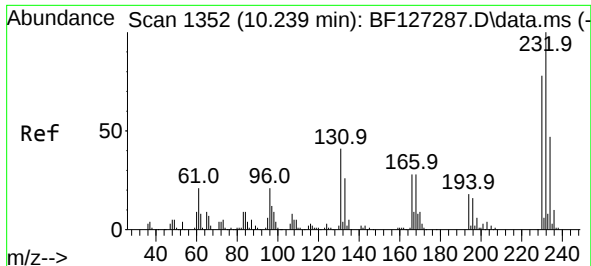


#58  
Fluorene  
Concen: 35.752 ng  
RT: 10.463 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



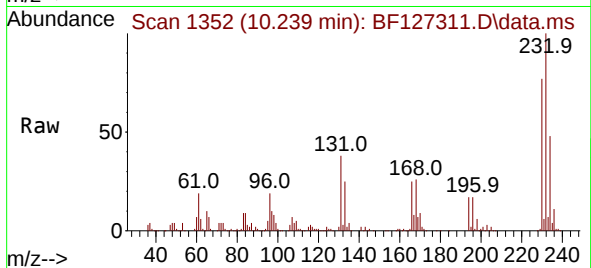
Tgt Ion:166 Resp: 548636  
Ion Ratio Lower Upper  
166 100  
165 99.2 77.7 116.5  
167 13.1 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.956 ng  
RT: 10.239 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

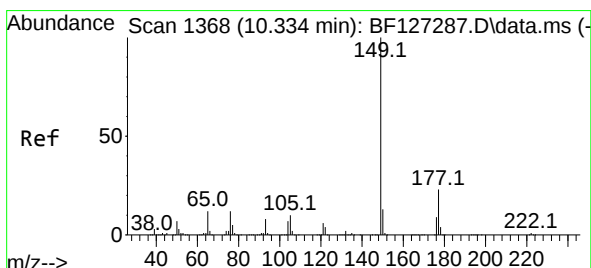
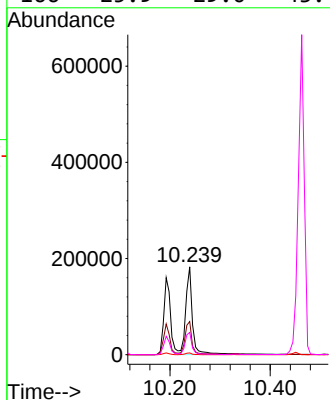
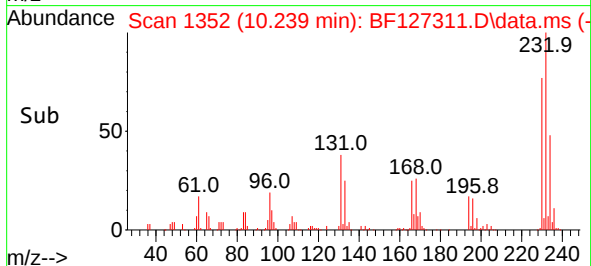
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 17154  
Ion Ratio Lower Upper  
232 100  
131 39.3 50.0 75.0  
130 2.0 2.2 3.2  
166 25.9 29.0 43.4

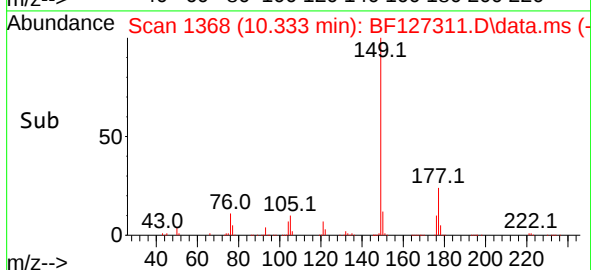
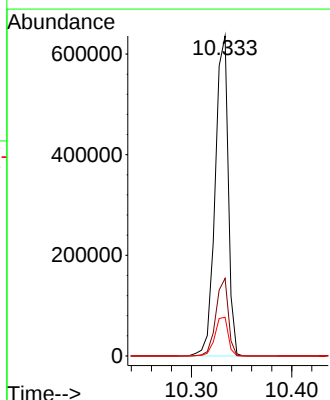
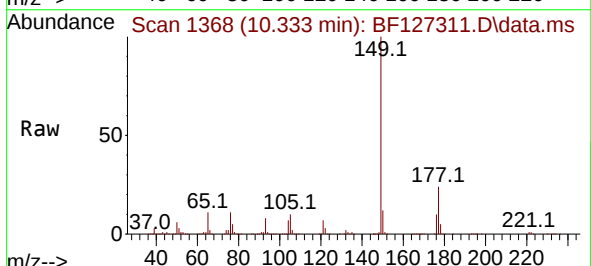
Manual Integrations  
APPROVED

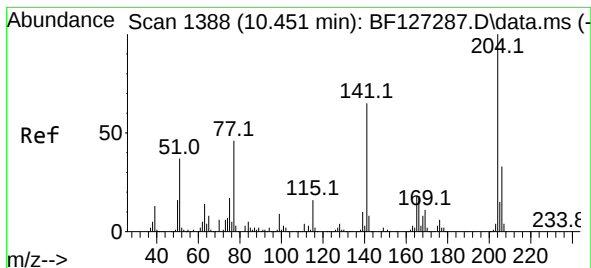
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#60  
Diethylphthalate  
Concen: 36.819 ng  
RT: 10.333 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

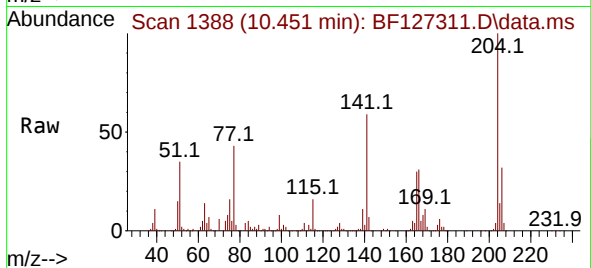
Tgt Ion:149 Resp: 572024  
Ion Ratio Lower Upper  
149 100  
177 24.3 16.7 25.1  
150 12.1 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 36.623 ng  
RT: 10.451 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

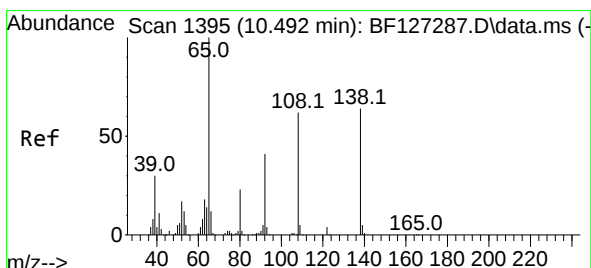
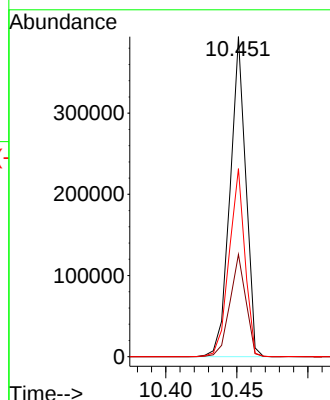
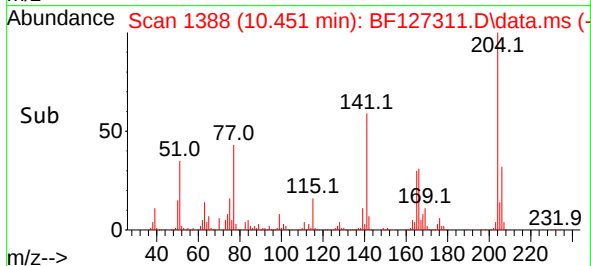
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:204 Resp: 304574  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.3 39.5  
141 58.8 59.0 88.6

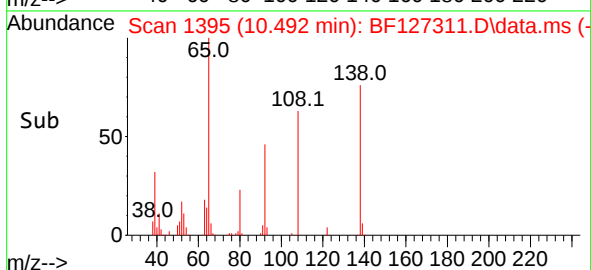
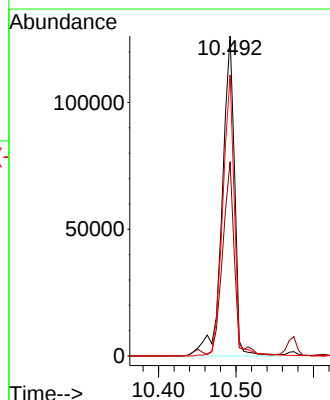
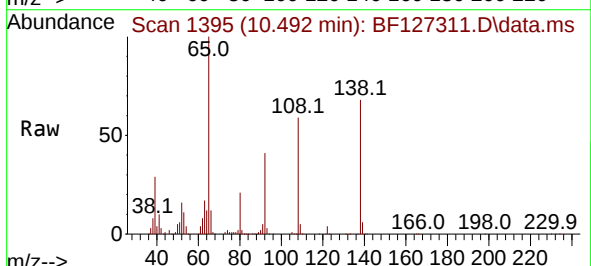
Manual Integrations  
APPROVED

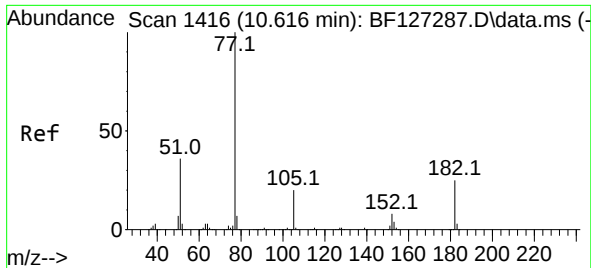
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#62  
4-Nitroaniline  
Concen: 37.562 ng  
RT: 10.492 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

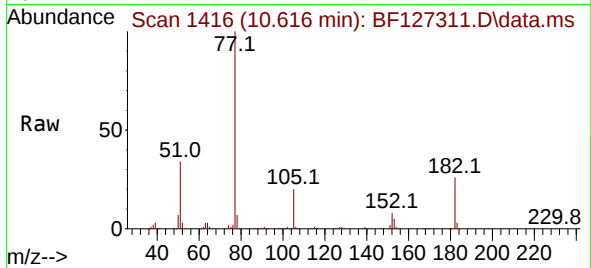
Tgt Ion:138 Resp: 140532  
Ion Ratio Lower Upper  
138 100  
92 60.7 36.2 76.2  
108 87.8 46.7 86.7





#63  
Azobenzene  
Concen: 37.612 ng  
RT: 10.616 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

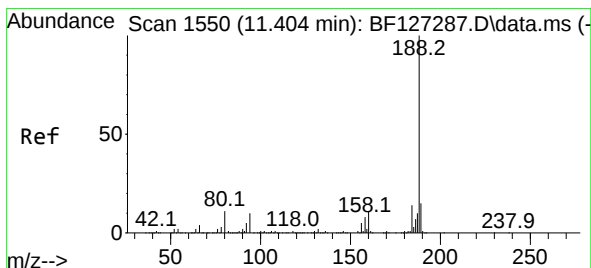
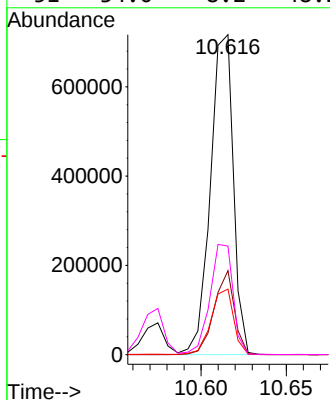
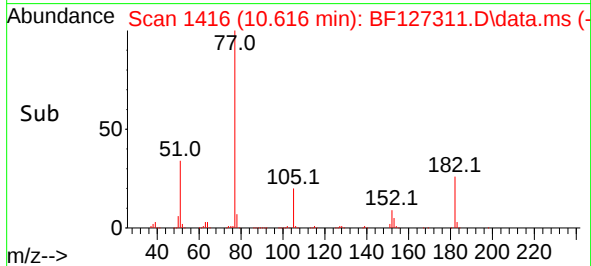
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 671710  
Ion Ratio Lower Upper  
77 100  
182 26.2 0.0 39.0  
105 20.5 3.2 43.2  
51 34.0 8.2 48.2

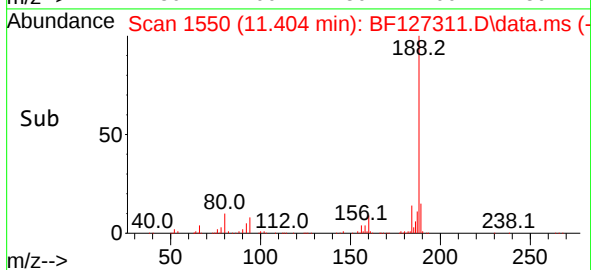
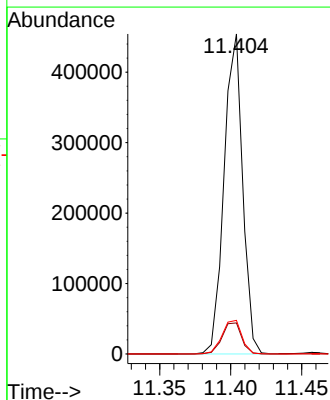
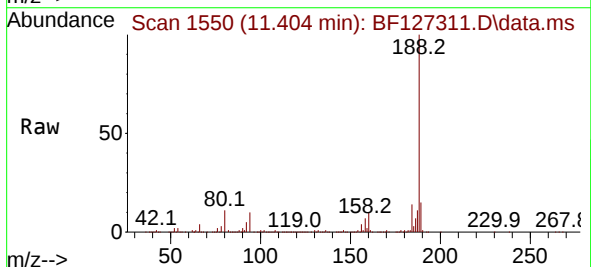
Manual Integrations  
APPROVED

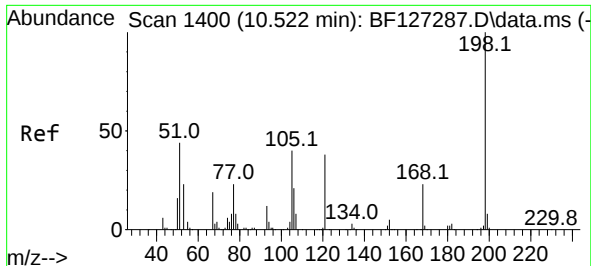
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:188 Resp: 411484  
Ion Ratio Lower Upper  
188 100  
94 9.7 10.1 15.1#  
80 10.5 11.8 17.6#





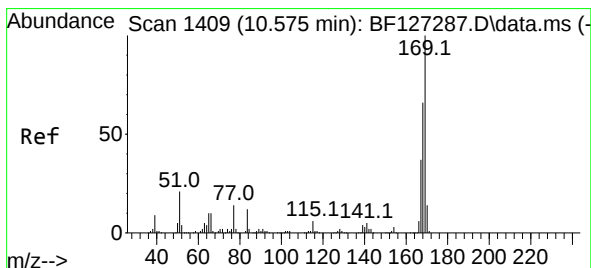
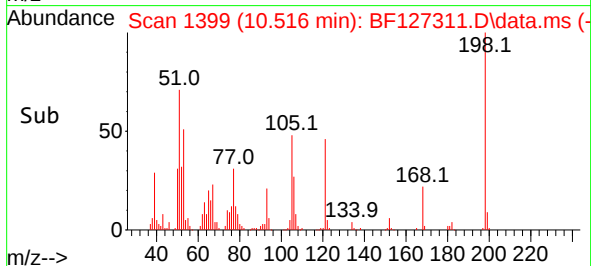
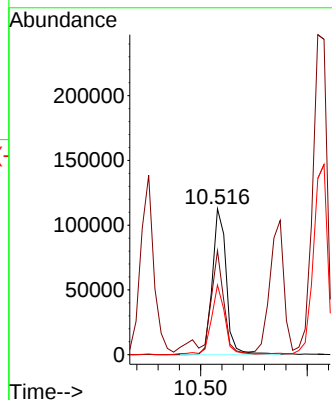
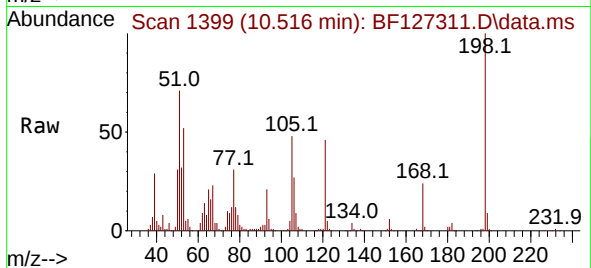
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.391 ng  
RT: 10.516 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 102474  
Ion Ratio Lower Upper  
198 100  
51 71.3 32.0 72.0  
105 47.7 32.7 72.7

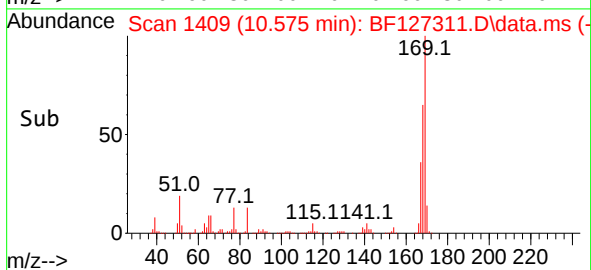
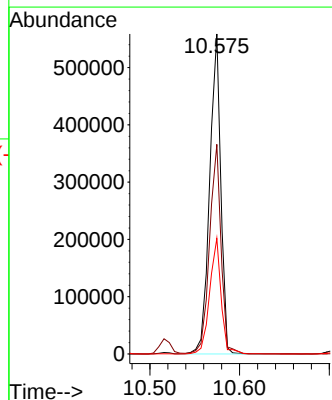
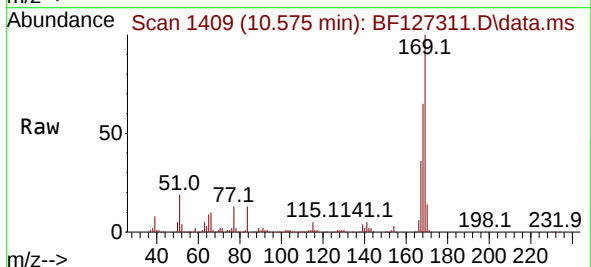
Manual Integrations  
APPROVED

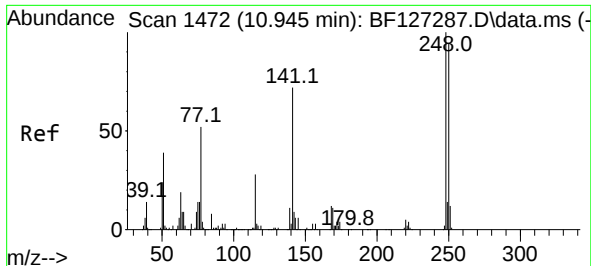
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#66  
n-Nitrosodiphenylamine  
Concen: 37.616 ng  
RT: 10.575 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

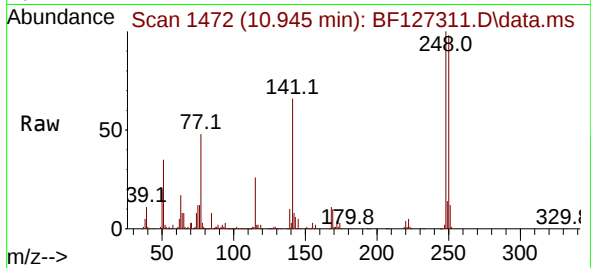
Tgt Ion:169 Resp: 480709  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.4 80.0  
167 36.1 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 38.005 ng  
RT: 10.945 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

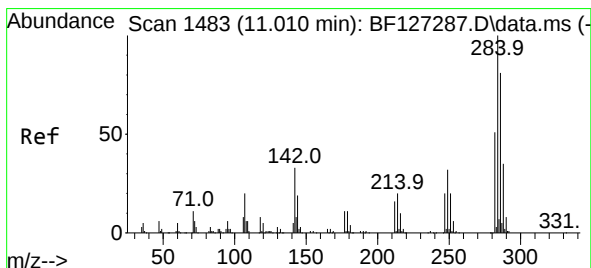
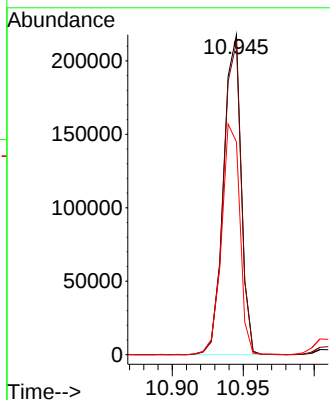
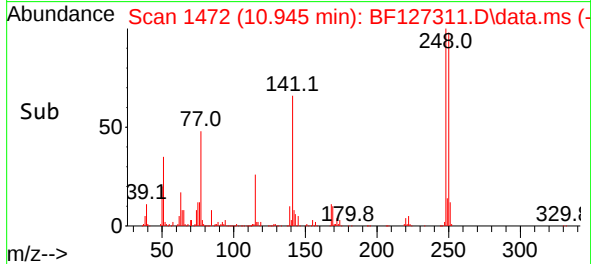
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:248 Resp: 18851  
Ion Ratio Lower Upper  
248 100  
250 97.6 76.2 114.4  
141 66.5 66.2 99.4

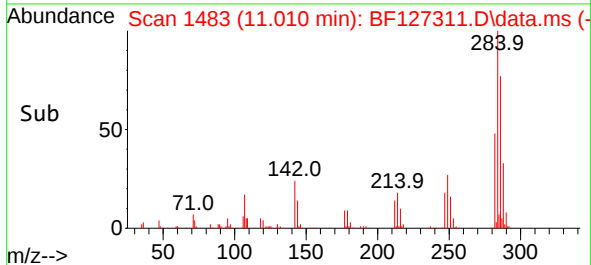
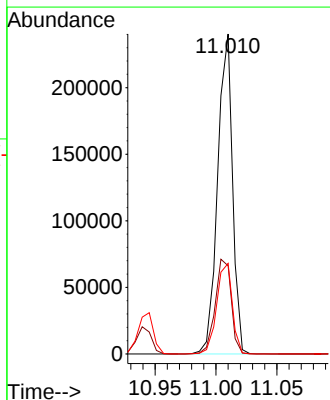
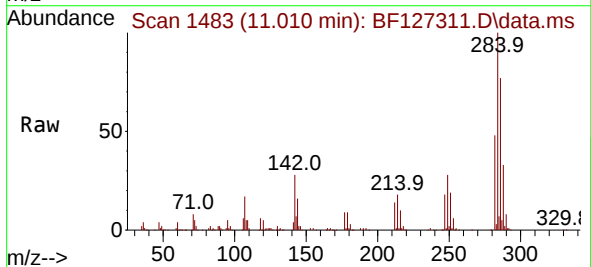
Manual Integrations  
APPROVED

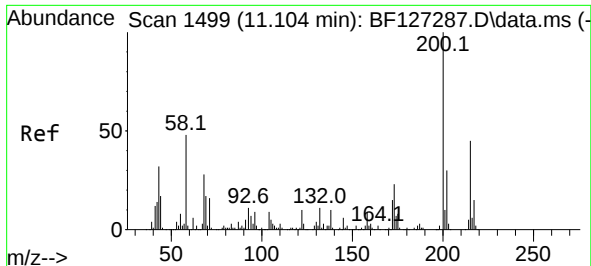
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#68  
Hexachlorobenzene  
Concen: 37.846 ng  
RT: 11.010 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

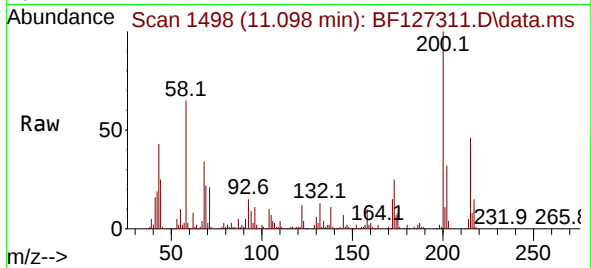
Tgt Ion:284 Resp: 204589  
Ion Ratio Lower Upper  
284 100  
142 27.5 30.7 46.1#  
249 28.3 21.1 31.7





#69  
Atrazine  
Concen: 39.208 ng  
RT: 11.098 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

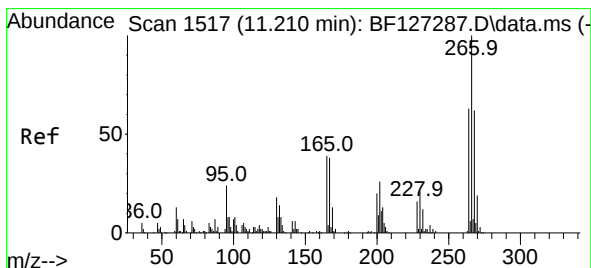
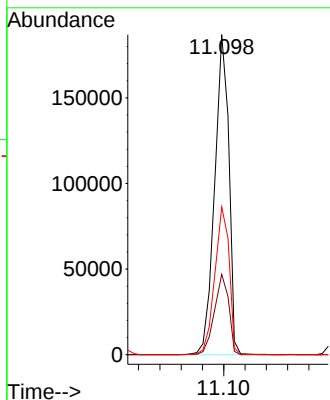
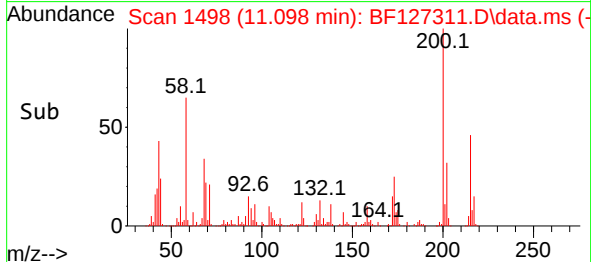
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:200 Resp: 17290  
Ion Ratio Lower Upper  
200 100  
173 25.1 9.2 49.2  
215 46.1 23.2 63.2

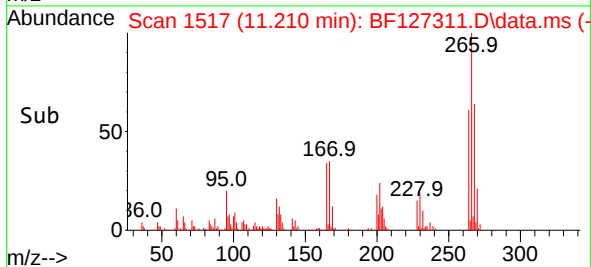
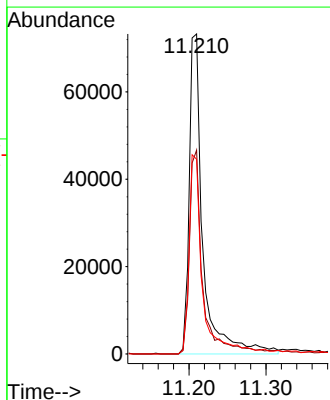
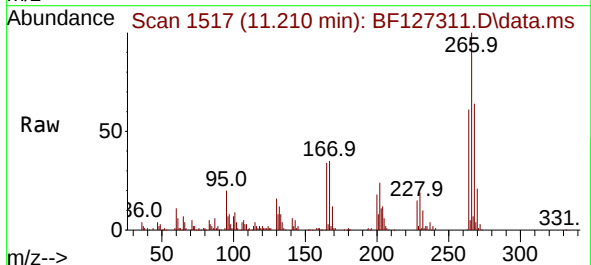
Manual Integrations  
APPROVED

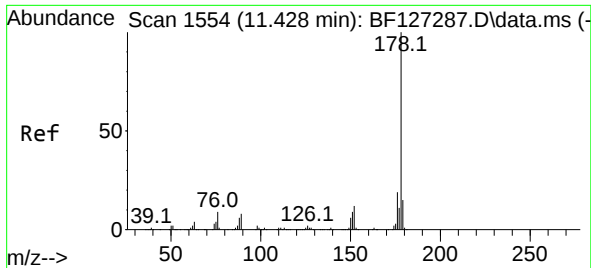
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#70  
Pentachlorophenol  
Concen: 41.588 ng m  
RT: 11.210 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:266 Resp: 90771  
Ion Ratio Lower Upper  
266 100  
268 63.7 52.3 78.5  
264 60.8 50.4 75.6





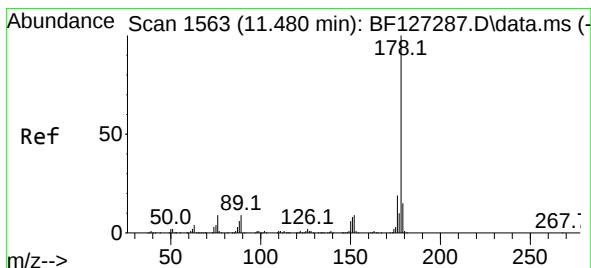
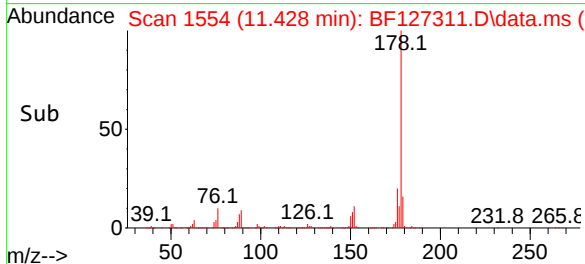
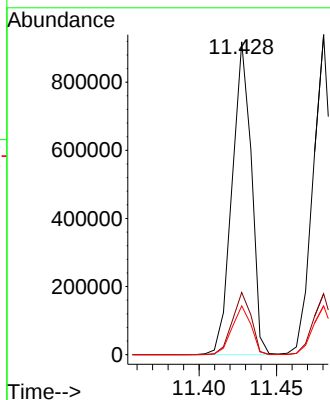
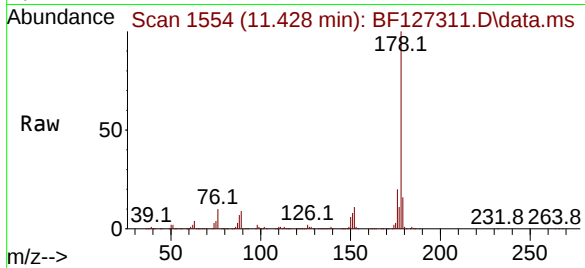
#71  
Phenanthrene  
Concen: 36.492 ng  
RT: 11.428 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 792660  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.7 23.5  
179 15.6 12.3 18.5

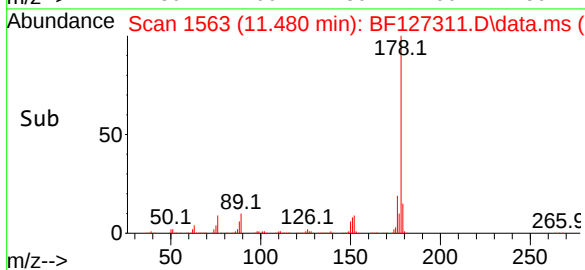
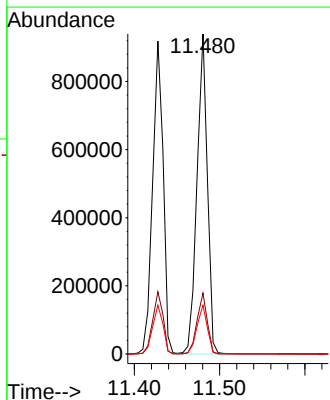
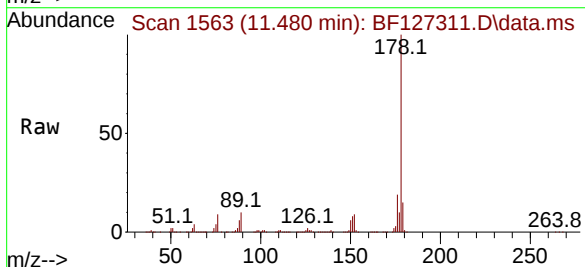
Manual Integrations  
APPROVED

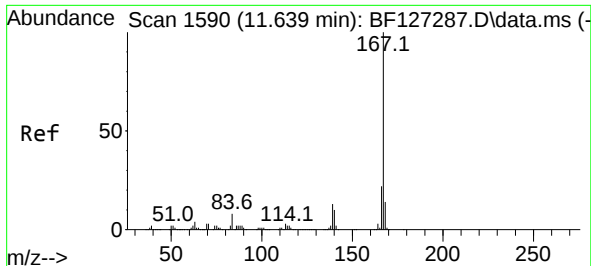
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#72  
Anthracene  
Concen: 37.029 ng  
RT: 11.480 min Scan# 1563  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

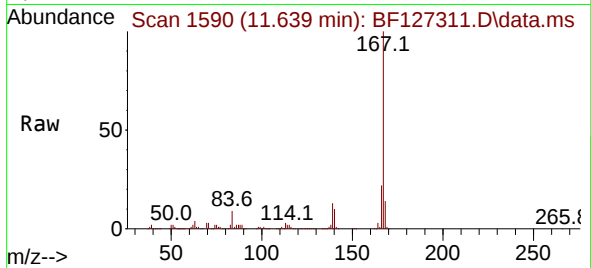
Tgt Ion:178 Resp: 796557  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.6  
179 15.3 12.5 18.7





#73  
 Carbazole  
 Concen: 36.727 ng  
 RT: 11.639 min Scan# 1590  
 Delta R.T. -0.000 min  
 Lab File: BF127311.D  
 Acq: 14 Mar 2022 10:15

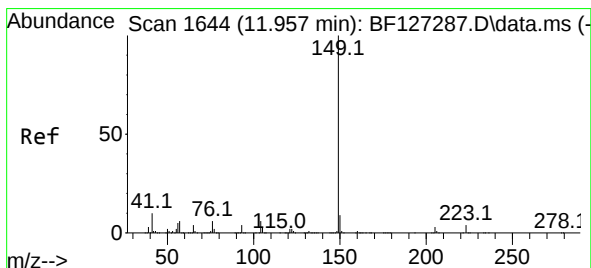
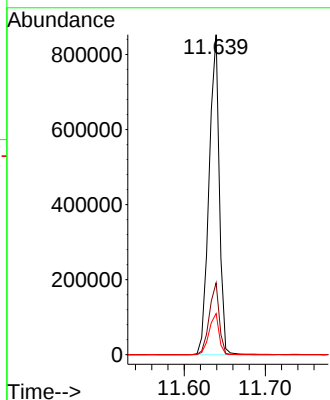
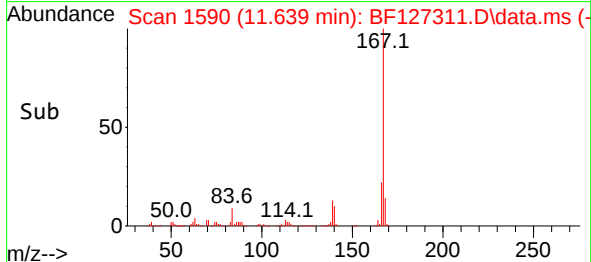
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



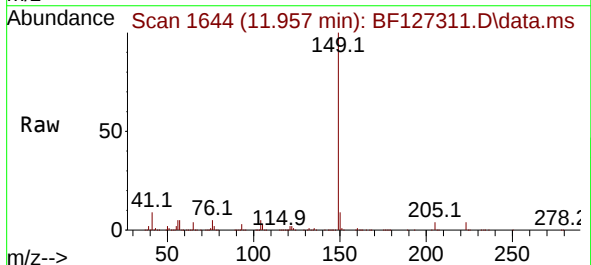
Tgt Ion:167 Resp: 744010  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 16.9 25.3  
 139 12.9 11.3 16.9

Manual Integrations  
 APPROVED

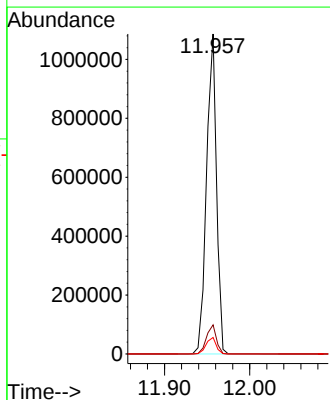
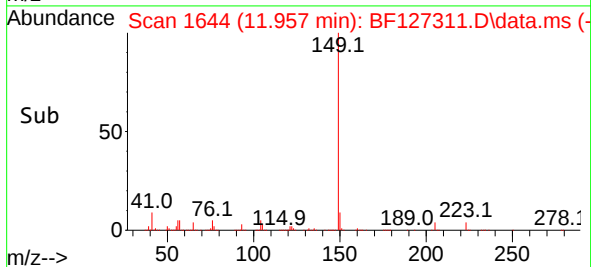
Reviewed By :Christian Giraldo 03/15/2022  
 Supervised By :Jagrut Upadhyay 03/15/2022

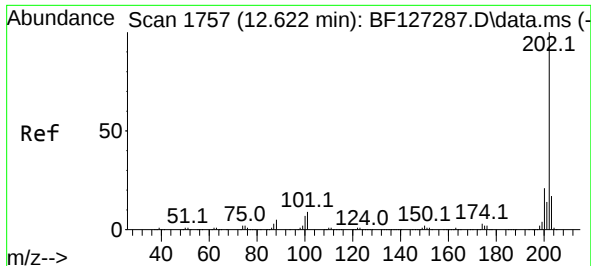


#74  
 Di-n-butylphthalate  
 Concen: 37.127 ng  
 RT: 11.957 min Scan# 1644  
 Delta R.T. -0.000 min  
 Lab File: BF127311.D  
 Acq: 14 Mar 2022 10:15



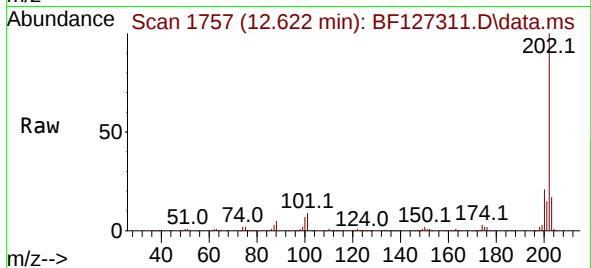
Tgt Ion:149 Resp: 879693  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.2 10.8  
 104 5.2 4.2 6.2





#75  
Fluoranthene  
Concen: 36.371 ng  
RT: 12.622 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

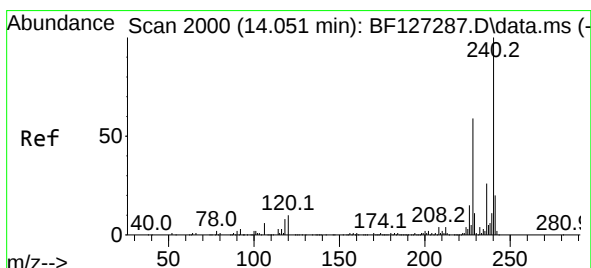
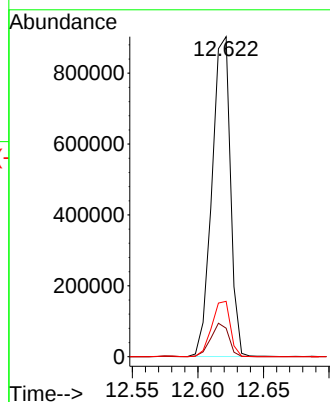
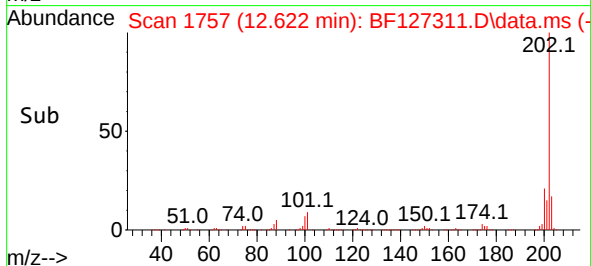
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



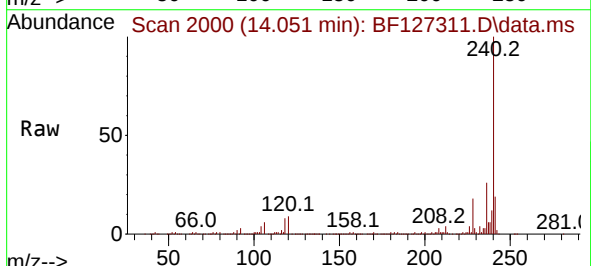
Tgt Ion:202 Resp: 883364  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 35.7  
203 17.3 0.0 37.1

Manual Integrations  
APPROVED

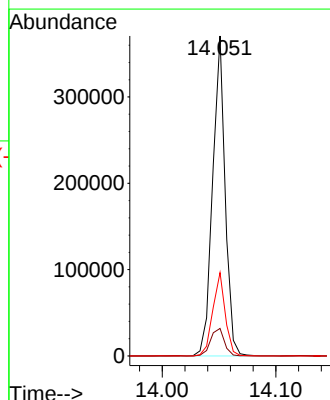
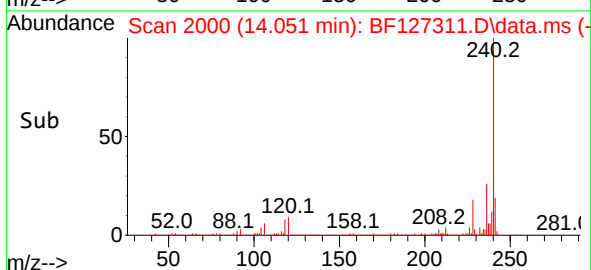
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

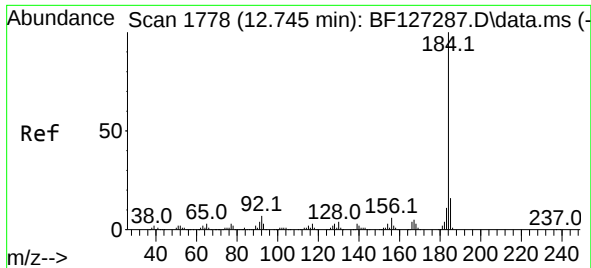


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2000  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



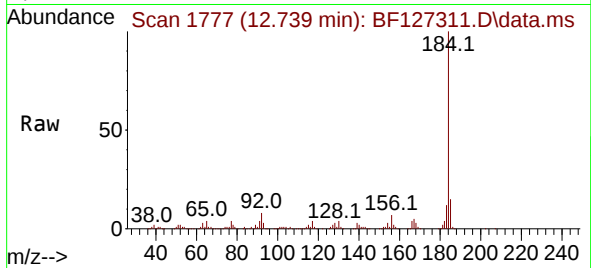
Tgt Ion:240 Resp: 283156  
Ion Ratio Lower Upper  
240 100  
120 8.6 14.4 21.6#  
236 26.0 20.5 30.7





#77  
Benzidine  
Concen: 37.506 ng  
RT: 12.739 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

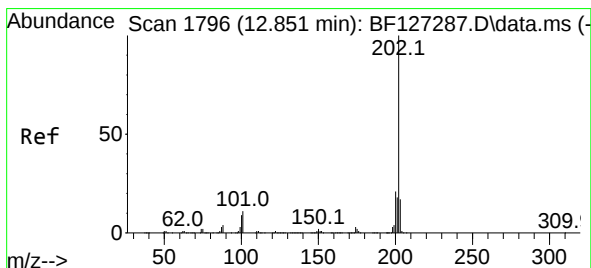
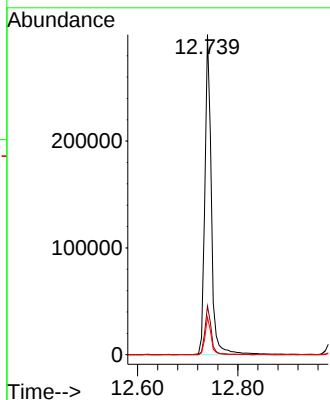
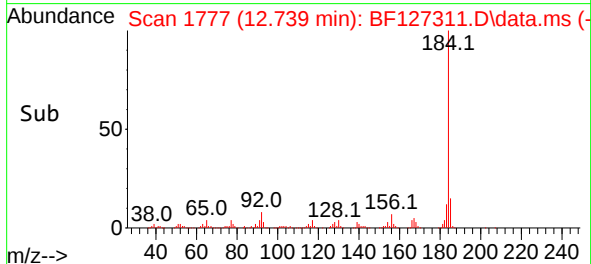
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 270060  
Ion Ratio Lower Upper  
184 100  
185 15.2 11.8 17.8  
183 11.7 8.2 12.2

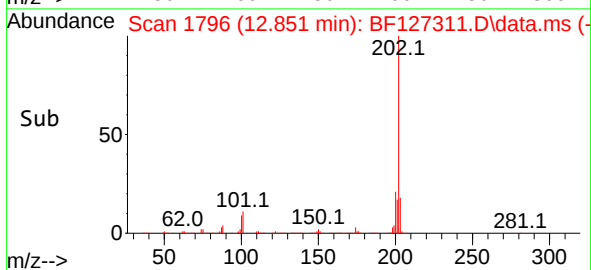
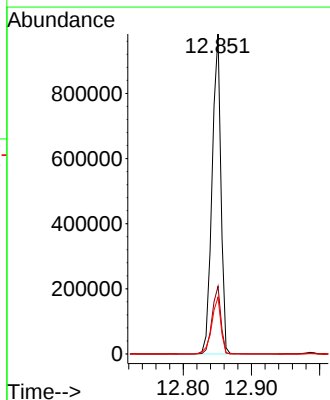
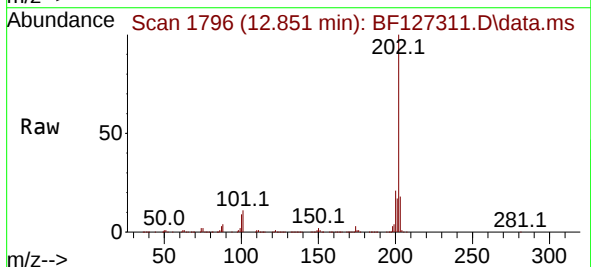
Manual Integrations  
APPROVED

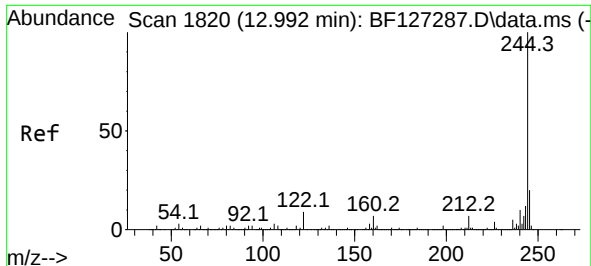
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#78  
Pyrene  
Concen: 40.117 ng  
RT: 12.851 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:202 Resp: 884777  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.6 24.8  
203 17.8 13.8 20.8





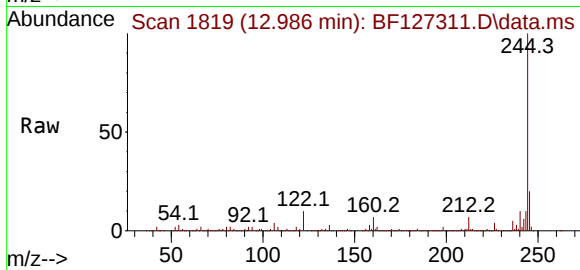
#79  
 Terphenyl-d14  
 Concen: 78.117 ng  
 RT: 12.986 min Scan# 1819  
 Delta R.T. -0.006 min  
 Lab File: BF127311.D  
 Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

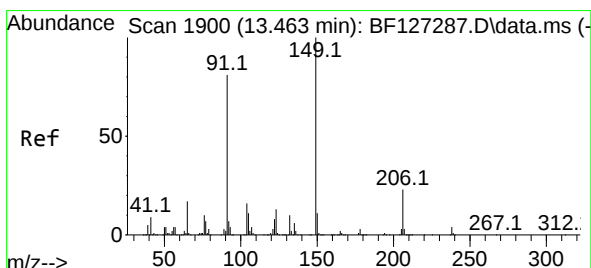
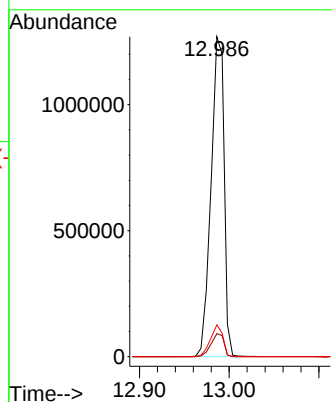
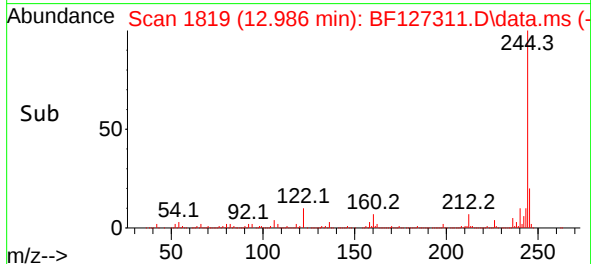


Tgt Ion:244 Resp: 128455  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.0 7.4  
 122 10.0 13.3 19.9

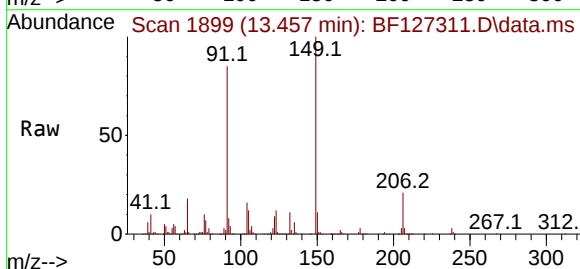
Manual Integrations

APPROVED

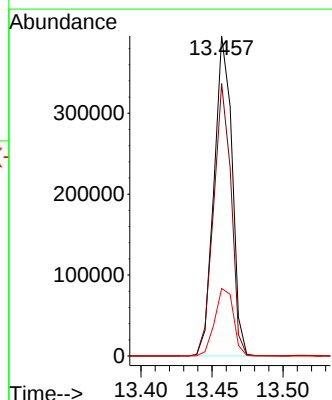
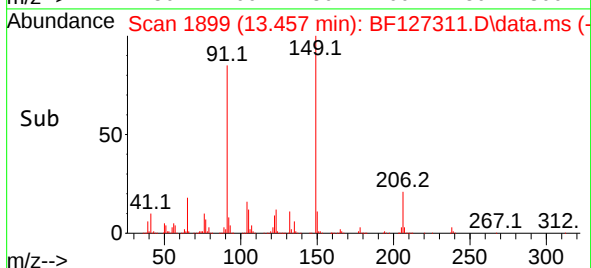
Reviewed By :Christian Giraldo 03/15/2022  
 Supervised By :Jagrut Upadhyay 03/15/2022

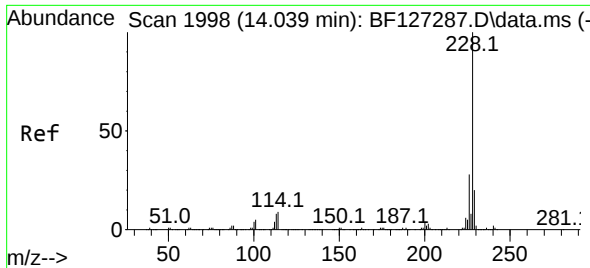


#80  
 Butylbenzylphthalate  
 Concen: 40.941 ng  
 RT: 13.457 min Scan# 1899  
 Delta R.T. -0.006 min  
 Lab File: BF127311.D  
 Acq: 14 Mar 2022 10:15



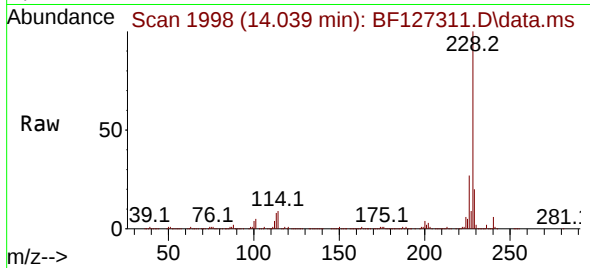
Tgt Ion:149 Resp: 347505  
 Ion Ratio Lower Upper  
 149 100  
 91 85.1 70.5 105.7  
 206 21.1 12.6 19.0





#81  
Benzo(a)anthracene  
Concen: 38.410 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

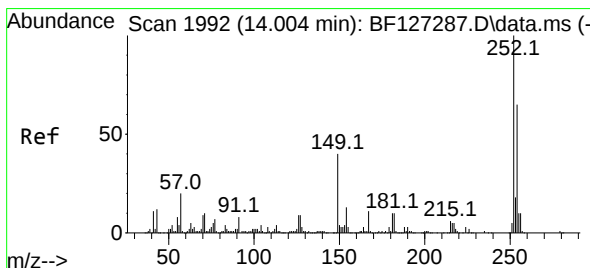
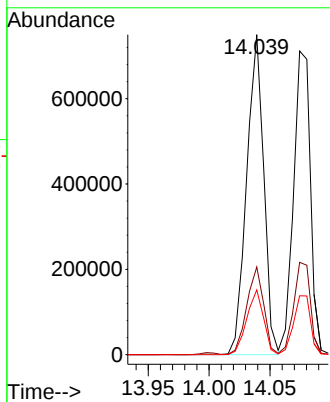
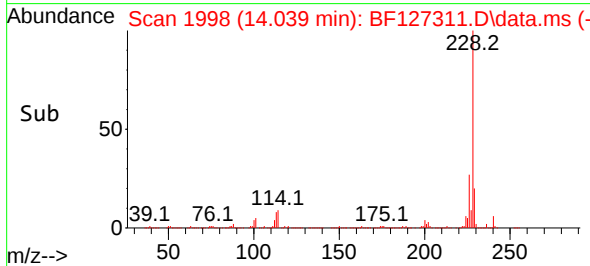
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



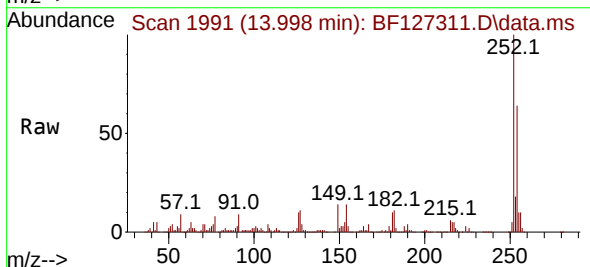
Tgt Ion:228 Resp: 732302  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.4 32.0  
229 20.3 15.4 23.2

Manual Integrations  
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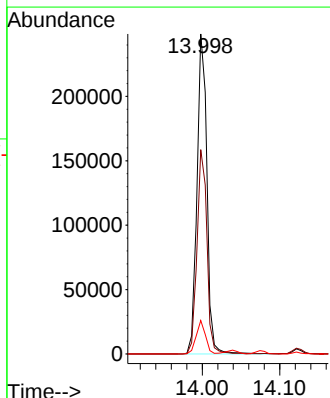
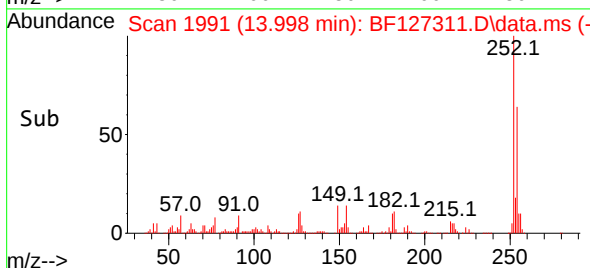
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

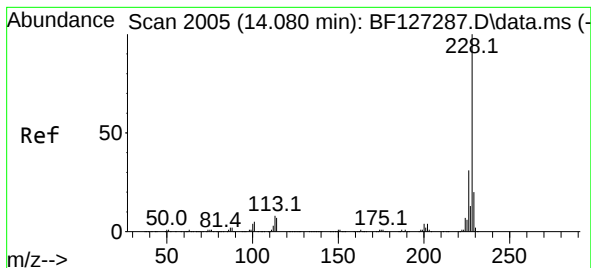


#82  
3,3'-Dichlorobenzidine  
Concen: 37.161 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



Tgt Ion:252 Resp: 220294  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.0 76.4  
126 10.5 13.4 20.0#





#83

Chrysene

Concen: 38.680 ng

RT: 14.074 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 685915

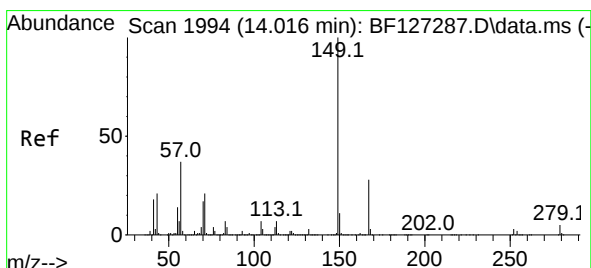
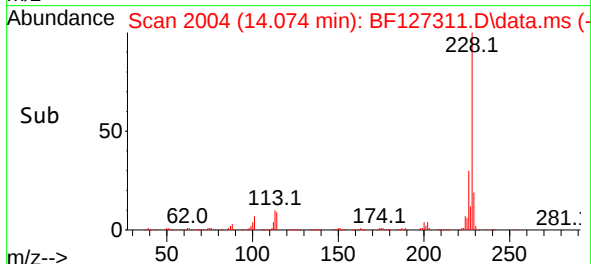
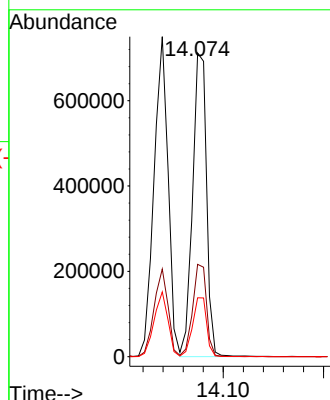
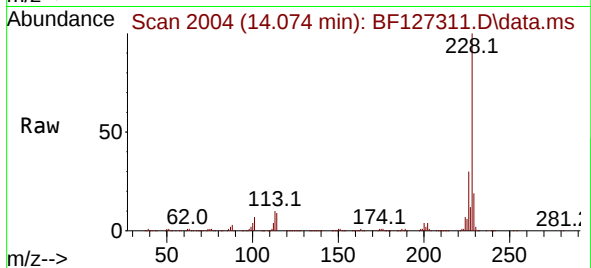
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.4  | 23.7  | 35.5  |
| 229 | 19.4  | 15.5  | 23.3  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.343 ng

RT: 14.010 min Scan# 1993

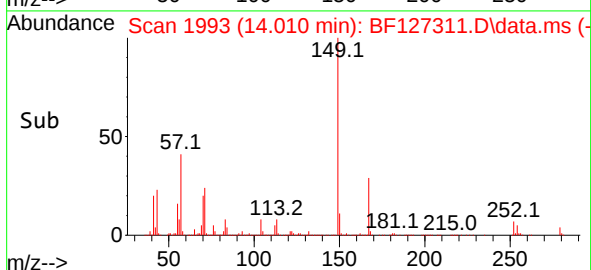
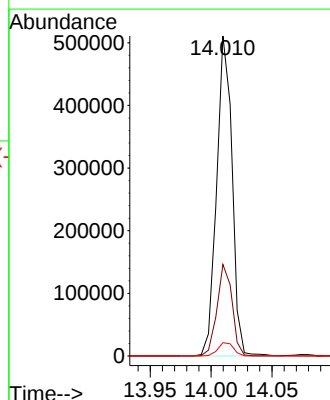
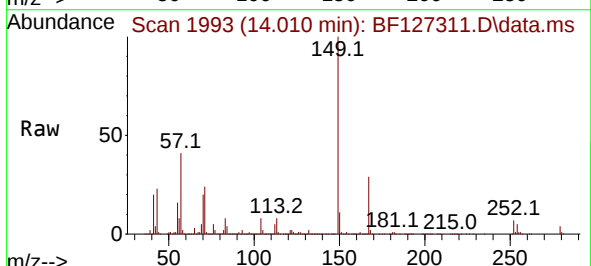
Delta R.T. -0.006 min

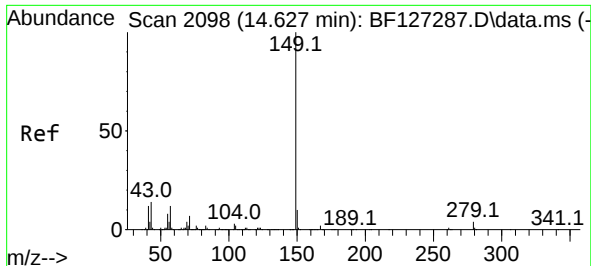
Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Tgt Ion:149 Resp: 449533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.6  | 21.4  | 32.2  |
| 279 | 4.2   | 2.4   | 3.6#  |





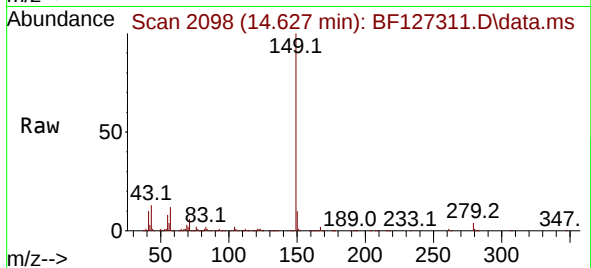
#85  
Di-n-octyl phthalate  
Concen: 39.443 ng  
RT: 14.627 min Scan# 2098  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

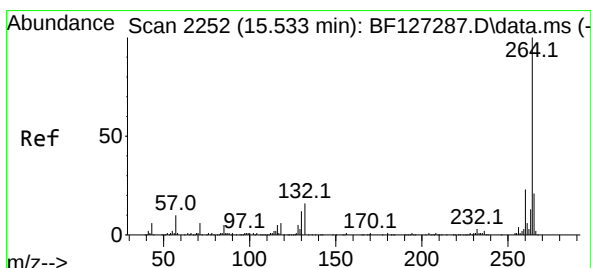
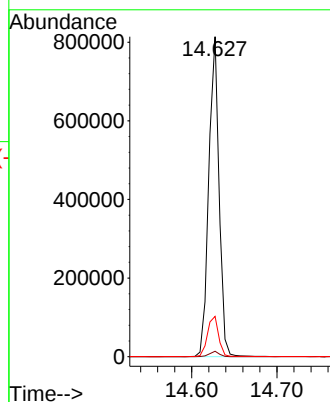
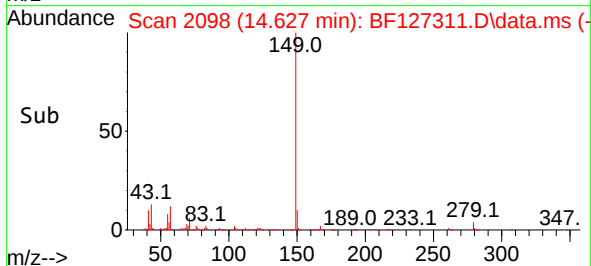


Tgt Ion:149 Resp: 68213  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 13.7 9.9 14.9

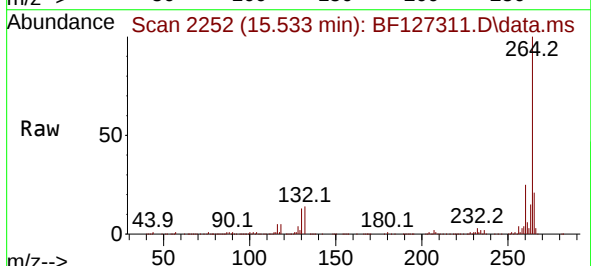
Manual Integrations

APPROVED

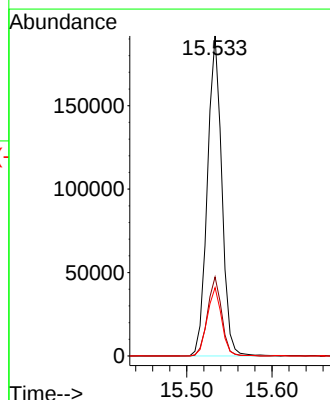
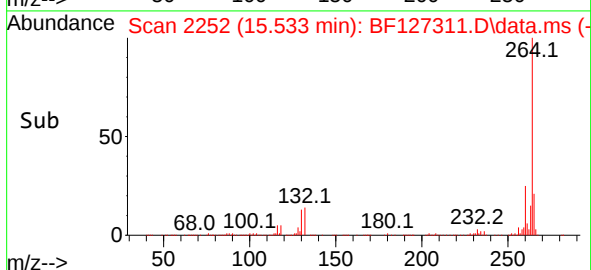
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022

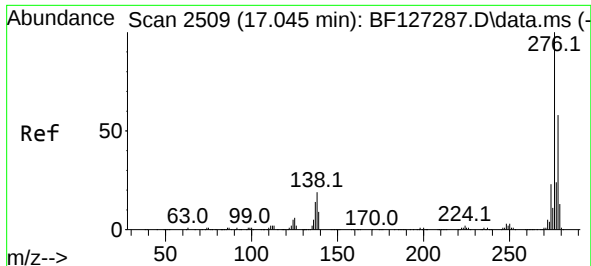


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15



Tgt Ion:264 Resp: 224945  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.2 28.8  
265 21.3 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.273 ng  
RT: 17.039 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

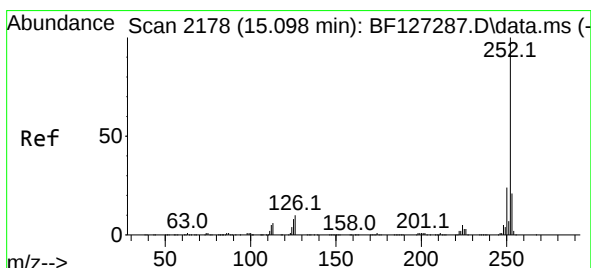
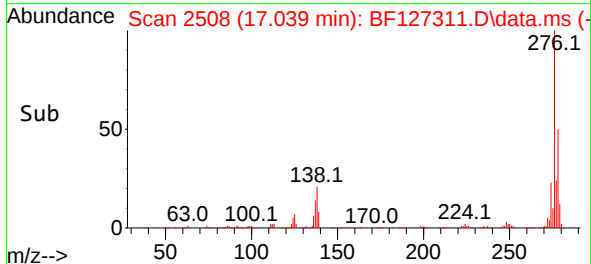
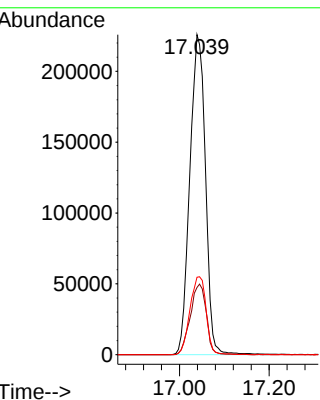
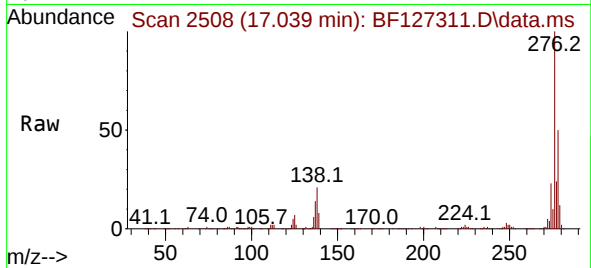
SSTDCCC040

Tgt Ion:276 Resp: 545744  
Ion Ratio Lower Upper  
276 100  
138 22.7 29.2 43.8  
277 25.1 19.8 29.8

Manual Integrations

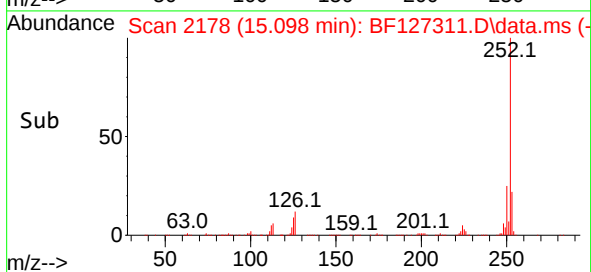
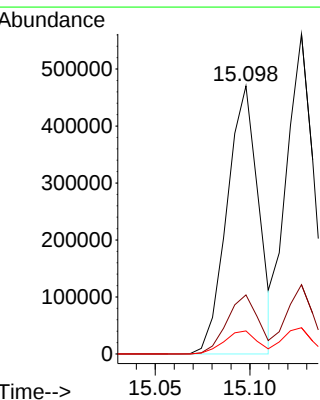
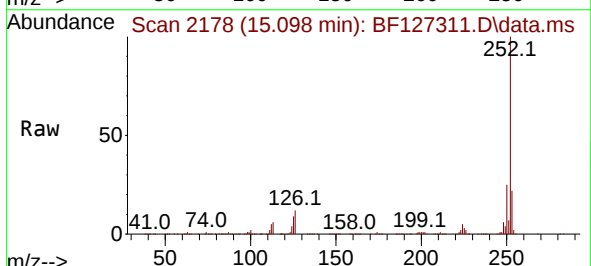
APPROVED

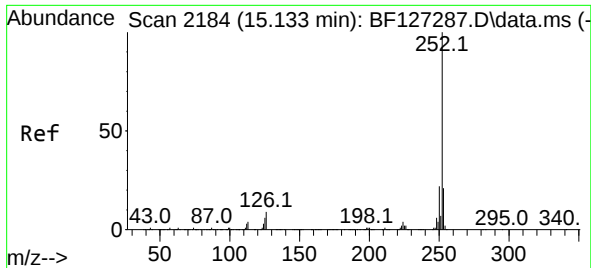
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#88  
Benzo(b)fluoranthene  
Concen: 36.842 ng  
RT: 15.098 min Scan# 2178  
Delta R.T. -0.000 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

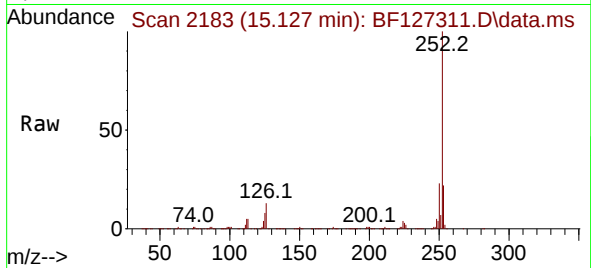
Tgt Ion:252 Resp: 543984  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 8.6 12.4 18.6#





#89  
Benzo(k)fluoranthene  
Concen: 40.094 ng  
RT: 15.127 min Scan# 2184  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

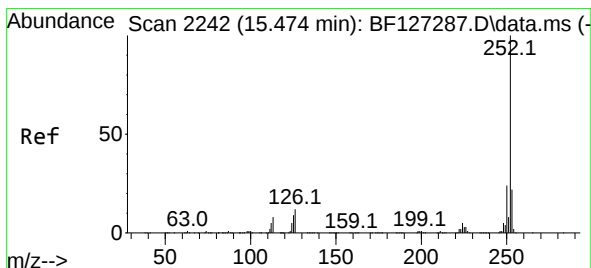
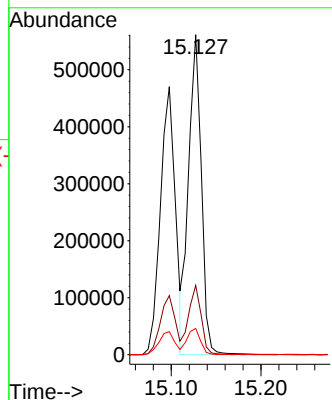
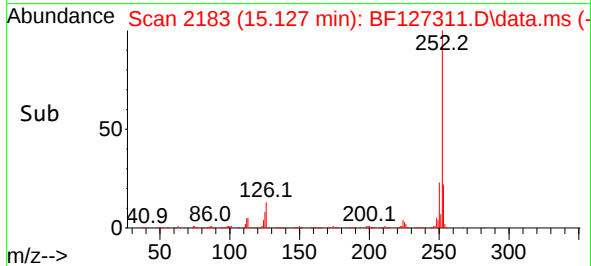
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 55664  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 8.2 11.8 17.6

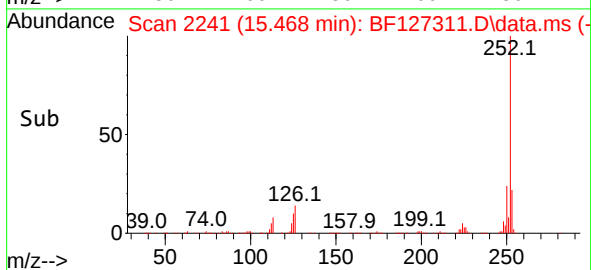
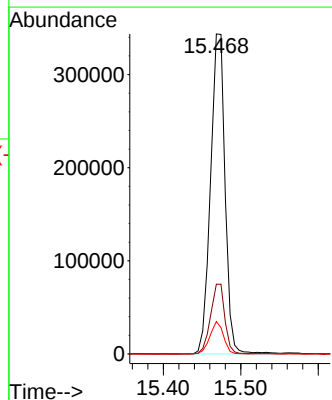
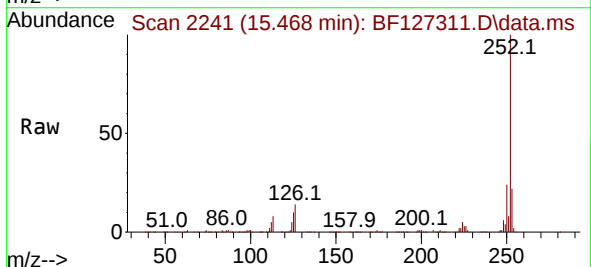
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :Jagrut Upadhyay 03/15/2022



#90  
Benzo(a)pyrene  
Concen: 38.563 ng  
RT: 15.468 min Scan# 2241  
Delta R.T. -0.006 min  
Lab File: BF127311.D  
Acq: 14 Mar 2022 10:15

Tgt Ion:252 Resp: 448381  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 10.2 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 40.466 ng

RT: 17.057 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 45638

Ion Ratio Lower Upper

278 100

139 14.3 18.0 27.0

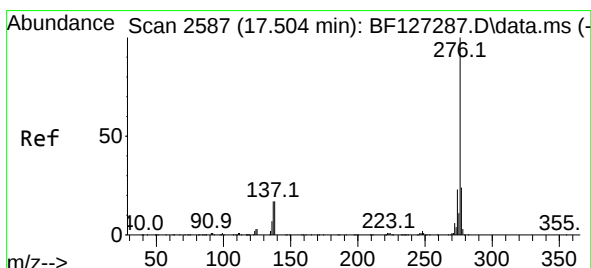
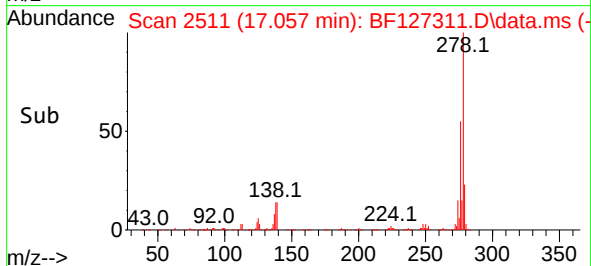
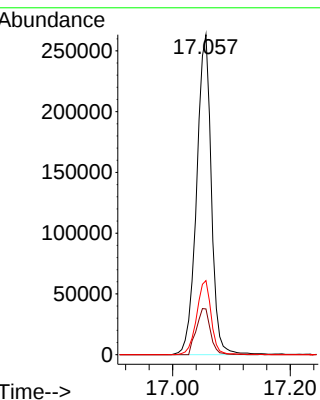
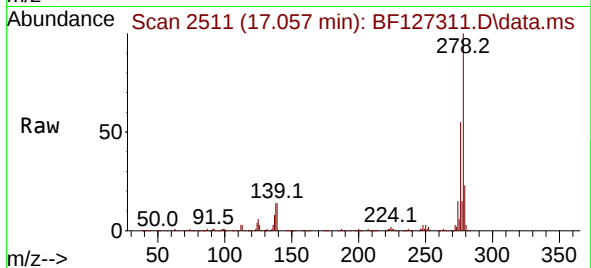
279 23.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/15/2022

Supervised By :Jagrut Upadhyay 03/15/2022



#92

Benzo(g,h,i)perylene

Concen: 40.865 ng

RT: 17.504 min Scan# 2587

Delta R.T. -0.000 min

Lab File: BF127311.D

Acq: 14 Mar 2022 10:15

Tgt Ion:276 Resp: 449573

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 18.7 25.9 38.9

