

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090122\  
 Data File : BF130080.D  
 Acq On : 01 Sep 2022 16:26  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022  
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 04:00:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 247195   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.986  | 136  | 964365   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.739  | 164  | 511092   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.216 | 188  | 880840   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.851 | 240  | 546405   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.251 | 264  | 456905   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.304  | 112  | 1135558  | 77.986 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.339  | 99   | 1431334  | 78.847 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.275  | 82   | 1243590  | 82.874 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.527 | 330  | 395695   | 85.052 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.063  | 172  | 2222726  | 72.104 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.804 | 244  | 2383578  | 75.647 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.357  | 88   | 265213   | 38.974 | ng    | 95       |
| 3) Pyridine                   | 3.057  | 79   | 723182   | 39.632 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.010  | 42   | 272450   | 37.966 | ng    | # 78     |
| 6) Aniline                    | 6.369  | 93   | 894747   | 39.313 | ng    | # 50     |
| 8) 2-Chlorophenol             | 6.487  | 128  | 629791   | 39.406 | ng    | 99       |
| 9) Benzaldehyde               | 6.257  | 77   | 404259   | 36.383 | ng    | 93       |
| 10) Phenol                    | 6.351  | 94   | 809178   | 39.435 | ng    | # 61     |
| 11) bis(2-Chloroethyl)ether   | 6.445  | 93   | 603282   | 38.696 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.645  | 146  | 680541   | 38.412 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.722  | 146  | 684479   | 38.355 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.875  | 146  | 623494   | 38.434 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.851  | 79   | 470828   | 38.479 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.987  | 45   | 789931   | 37.281 | ng    | # 52     |
| 17) 2-Methylphenol            | 6.957  | 107  | 527016   | 39.194 | ng    | # 86     |
| 18) Hexachloroethane          | 7.216  | 117  | 253333   | 39.311 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.128  | 70   | 415296   | 37.974 | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.116  | 107  | 609824   | 38.675 | ng    | # 77     |
| 22) Acetophenone              | 7.122  | 105  | 794831   | 36.891 | ng    | # 97     |
| 24) Nitrobenzene              | 7.292  | 77   | 640661   | 40.145 | ng    | 99       |
| 25) Isophorone                | 7.534  | 82   | 1133729  | 37.328 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.604  | 139  | 324357   | 43.611 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.645  | 122  | 496924   | 38.993 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.745  | 93   | 681111   | 37.333 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.839  | 162  | 536709   | 39.372 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.928  | 180  | 534447   | 37.183 | ng    | 99       |
| 31) Naphthalene               | 8.010  | 128  | 1827615  | 37.576 | ng    | 99       |
| 32) Benzoic acid              | 7.769  | 122  | 421101   | 41.500 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.063  | 127  | 770644   | 39.218 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.128  | 225  | 304659   | 37.010 | ng    | 99       |
| 35) Caprolactam               | 8.439  | 113  | 180814m  | 42.804 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.539  | 107  | 547607   | 39.699 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.698  | 142  | 1188891  | 37.946 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.798  | 142  | 1162767  | 38.182 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.863  | 216  | 490492   | 36.804 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 273794   | 39.310 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.975  | 196  | 376109   | 39.536 | ng    | 96       |

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 Sample : SSTDCCC040  
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Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022  
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 04:00:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

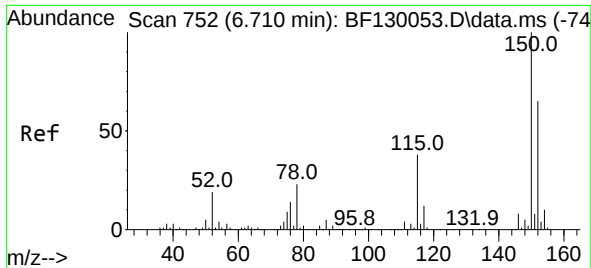
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.010  | 196  | 405896   | 39.365 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.163  | 154  | 1375100  | 37.034 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.186  | 162  | 1121746  | 37.705 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.286  | 65   | 340067   | 46.385 | ng    | 86       |
| 49) Acenaphthylene            | 9.604  | 152  | 1733073  | 38.361 | ng    | 100      |
| 50) Dimethylphthalate         | 9.475  | 163  | 1330755  | 38.227 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.528  | 165  | 304333   | 44.840 | ng    | 97       |
| 52) Acenaphthene              | 9.775  | 154  | 1107579m | 38.901 | ng    |          |
| 53) 3-Nitroaniline            | 9.698  | 138  | 360131   | 46.228 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.798  | 184  | 140584   | 49.101 | ng    | 88       |
| 55) Dibenzofuran              | 9.945  | 168  | 1557587  | 38.204 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.851  | 139  | 284513   | 47.371 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 9.928  | 165  | 395919   | 50.666 | ng    | # 87     |
| 58) Fluorene                  | 10.286 | 166  | 1165223  | 37.562 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.057 | 232  | 324523   | 40.523 | ng    | # 79     |
| 60) Diethylphthalate          | 10.169 | 149  | 1340932  | 39.817 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.280 | 204  | 507809   | 37.031 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.316 | 138  | 364367   | 48.092 | ng    | 89       |
| 63) Azobenzene                | 10.439 | 77   | 1272737  | 38.383 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.333 | 198  | 197608   | 47.697 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.404 | 169  | 1106509  | 37.578 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.769 | 248  | 367861   | 37.546 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.827 | 284  | 399338   | 37.406 | ng    | 97       |
| 69) Atrazine                  | 10.933 | 200  | 333367   | 40.018 | ng    | 98       |
| 70) Pentachlorophenol         | 11.022 | 266  | 260467   | 43.631 | ng    | 97       |
| 71) Phenanthrene              | 11.245 | 178  | 1780879  | 37.281 | ng    | 99       |
| 72) Anthracene                | 11.298 | 178  | 1768385  | 37.658 | ng    | 99       |
| 73) Carbazole                 | 11.451 | 167  | 1694166  | 39.123 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.792 | 149  | 2078460  | 39.804 | ng    | 100      |
| 75) Fluoranthene              | 12.427 | 202  | 1845736  | 38.965 | ng    | 96       |
| 77) Benzidine                 | 12.557 | 184  | 726457   | 49.243 | ng    | 99       |
| 78) Pyrene                    | 12.657 | 202  | 1850107  | 37.750 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.286 | 149  | 834145   | 42.791 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.839 | 228  | 1391849  | 37.170 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 483513   | 41.406 | ng    | 100      |
| 83) Chrysene                  | 13.880 | 228  | 1390269  | 37.658 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 955110   | 39.417 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.457 | 149  | 1499822  | 39.185 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.604 | 276  | 1260917  | 41.836 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.851 | 252  | 1196750m | 39.277 | ng    |          |
| 89) Benzo(k)fluoranthene      | 14.886 | 252  | 1115037  | 37.838 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.192 | 252  | 938707   | 38.771 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 16.621 | 278  | 1036786  | 42.040 | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 17.009 | 276  | 1038558  | 42.090 | ng    | # 92     |

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

## Manual Integrations

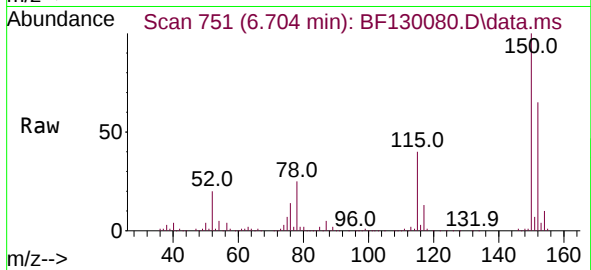
Quant Time: Sep 02 04:00:08 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 31 18:15:32 2022  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.704 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

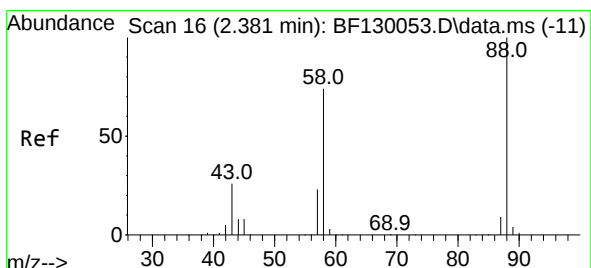
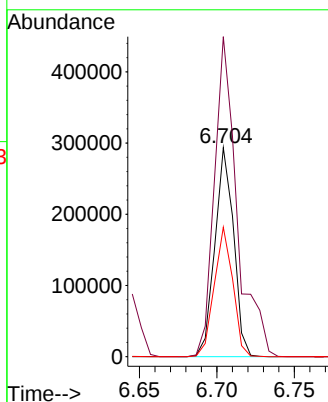
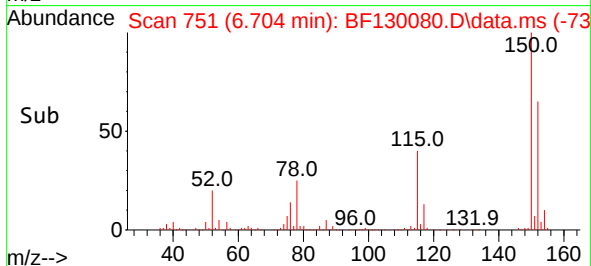
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 152 Resp: 247195  
Ion Ratio Lower Upper  
152 100  
150 153.2 126.9 190.3  
115 62.0 53.4 80.0

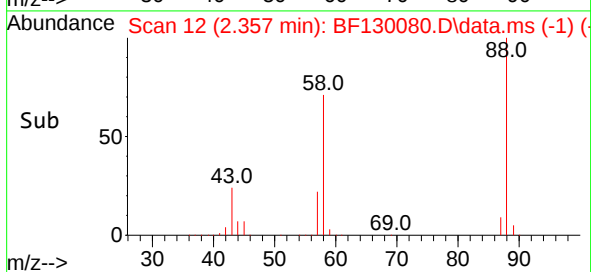
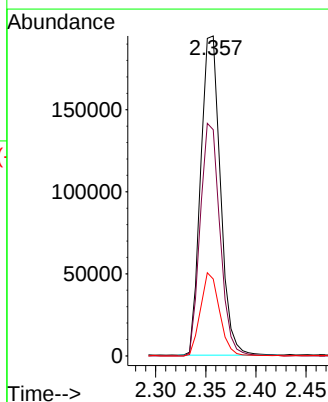
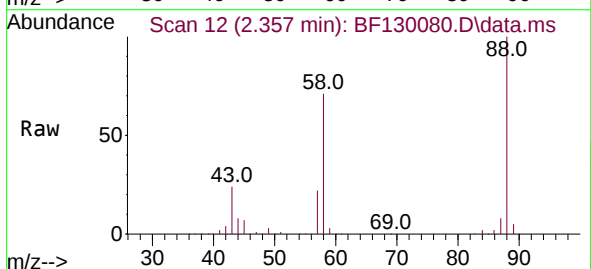
Manual Integrations  
APPROVED

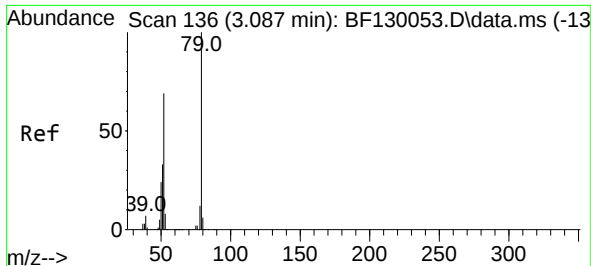
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#2  
1,4-Dioxane  
Concen: 38.974 ng  
RT: 2.357 min Scan# 12  
Delta R.T. -0.024 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

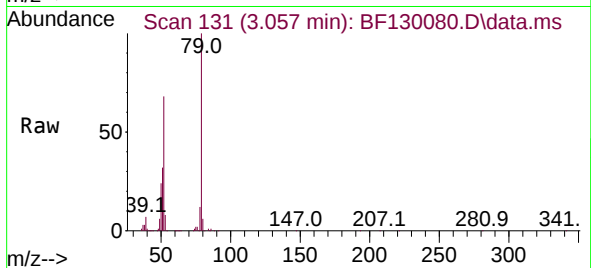
Tgt Ion: 88 Resp: 265213  
Ion Ratio Lower Upper  
88 100  
58 73.1 60.9 91.3  
43 25.3 23.6 35.4





#3  
Pyridine  
Concen: 39.632 ng  
RT: 3.057 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

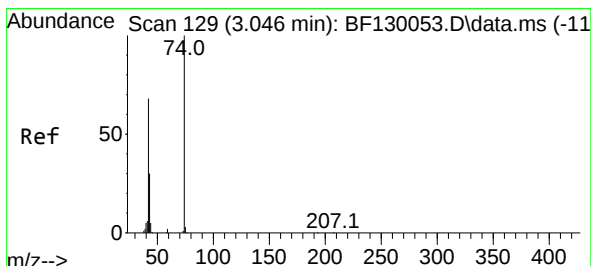
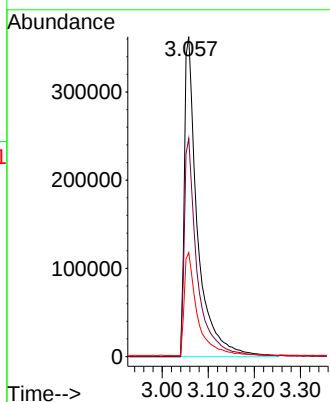
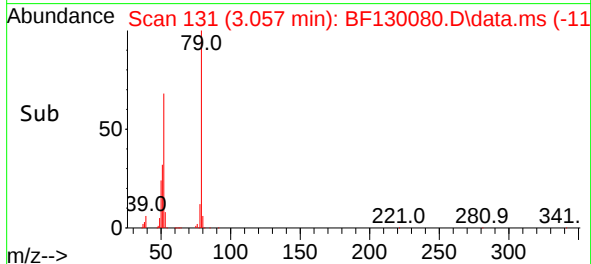
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



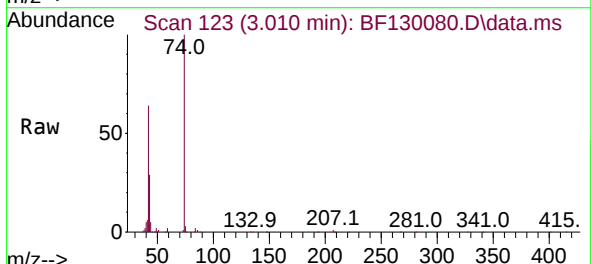
Tgt Ion: 79 Resp: 723182  
Ion Ratio Lower Upper  
79 100  
52 68.1 59.4 89.2  
51 32.5 29.5 44.3

Manual Integrations  
APPROVED

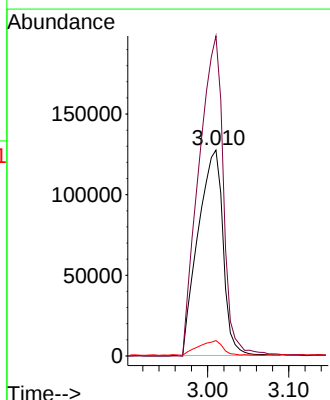
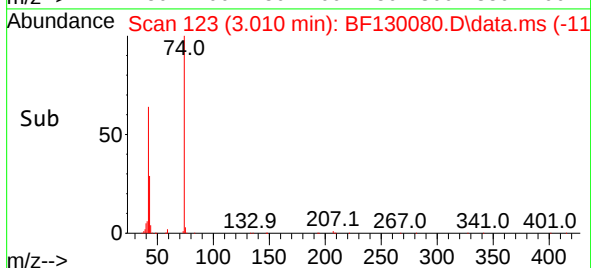
Reviewed By :Christian Giraldo 09/02/2022  
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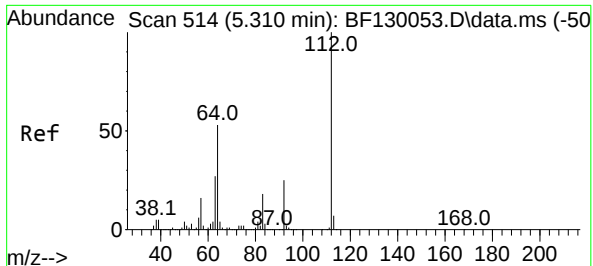


#4  
n-Nitrosodimethylamine  
Concen: 37.966 ng  
RT: 3.010 min Scan# 123  
Delta R.T. -0.035 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



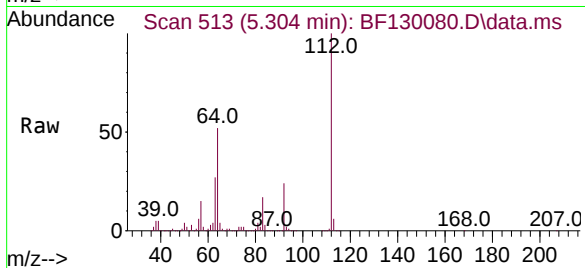
Tgt Ion: 42 Resp: 272450  
Ion Ratio Lower Upper  
42 100  
74 155.4 103.1 154.7#  
44 7.5 5.4 8.2





#5  
2-Fluorophenol  
Concen: 77.986 ng  
RT: 5.304 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

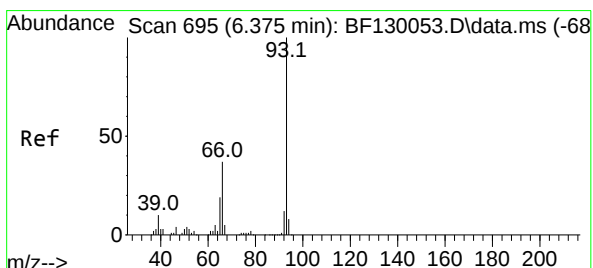
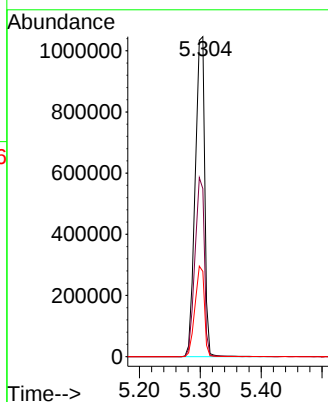
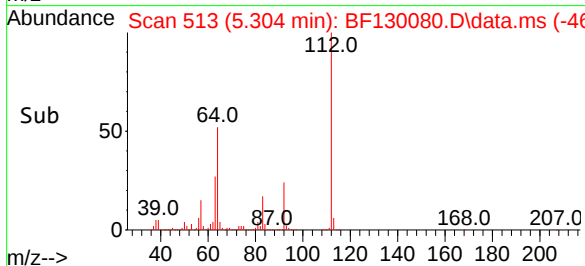
Instrument :  
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Tgt Ion: 112 Resp: 1135558  
Ion Ratio Lower Upper  
112 100  
64 52.5 47.6 71.4  
63 26.6 24.6 37.0

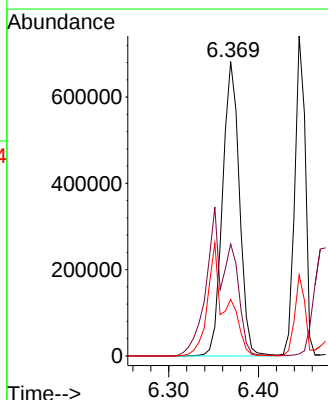
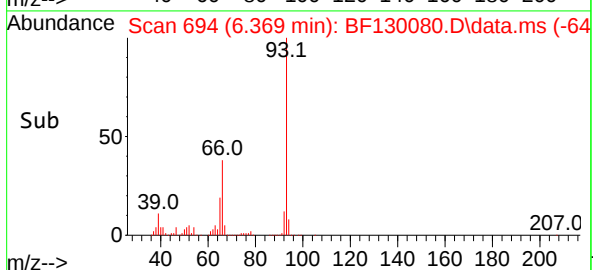
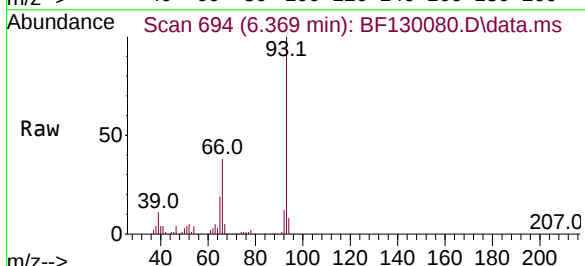
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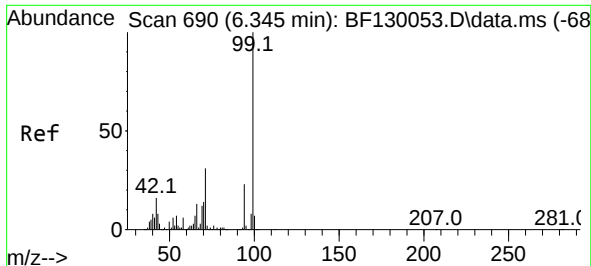
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#6  
Aniline  
Concen: 39.313 ng  
RT: 6.369 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion: 93 Resp: 894747  
Ion Ratio Lower Upper  
93 100  
66 38.0 68.7 103.1#  
65 19.2 41.6 62.4#





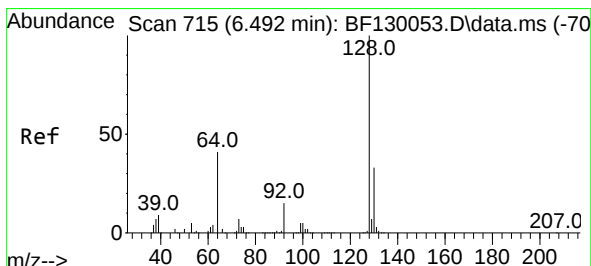
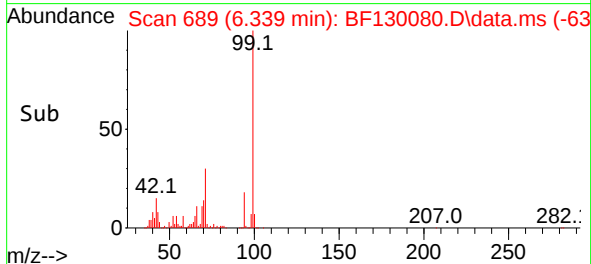
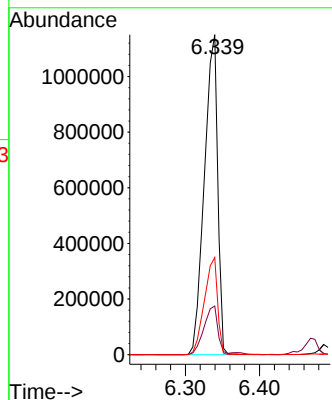
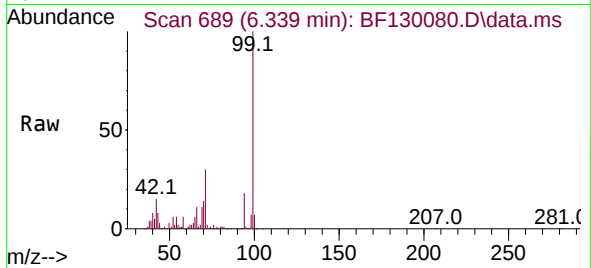
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Phenol-d6  
Concen: 78.847 ng  
RT: 6.339 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 1431334  
Ion Ratio Lower Upper  
99 100  
42 15.2 15.0 22.4  
71 30.3 28.8 43.2

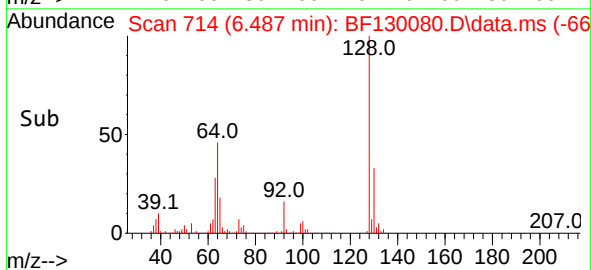
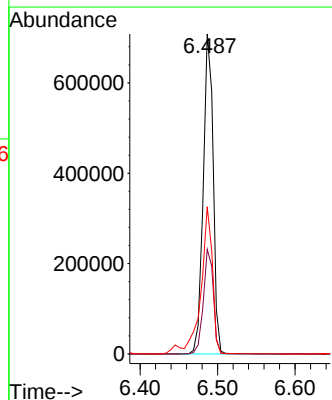
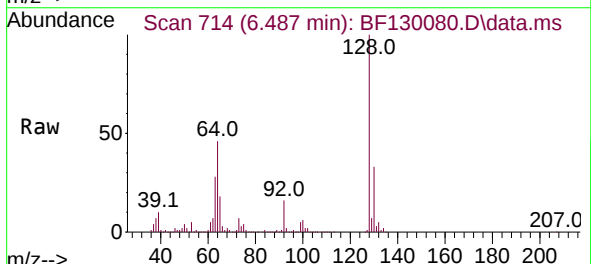
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APPROVED

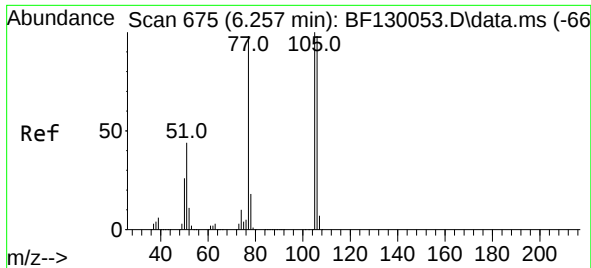
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#8  
2-Chlorophenol  
Concen: 39.406 ng  
RT: 6.487 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

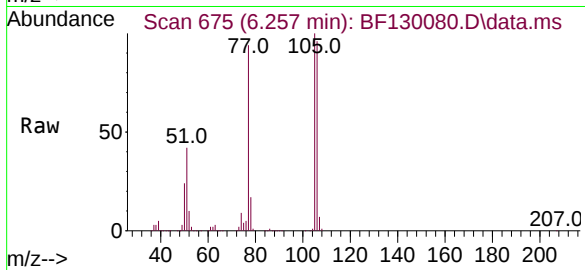
Tgt Ion:128 Resp: 629791  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.5 52.5  
64 46.0 24.9 64.9





#9  
Benzaldehyde  
Concen: 36.383 ng  
RT: 6.257 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

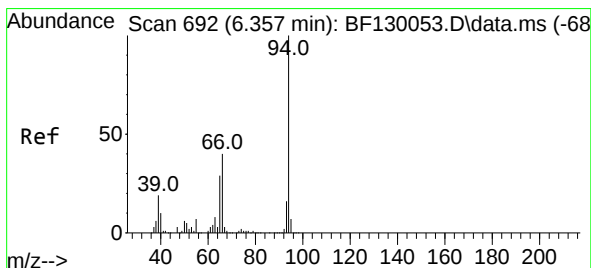
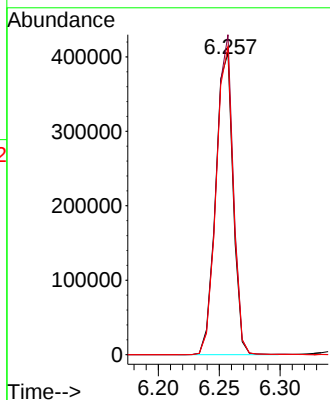
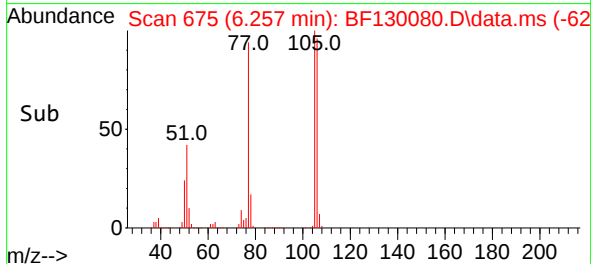
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 404259  
Ion Ratio Lower Upper  
77 100  
105 106.1 80.3 120.3  
106 102.1 74.3 114.3

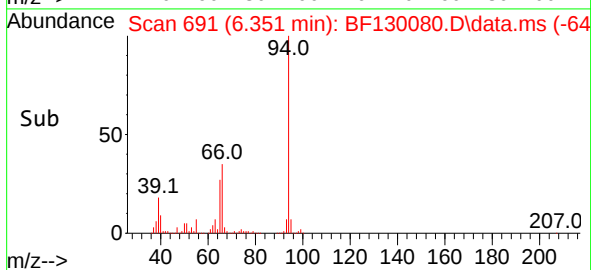
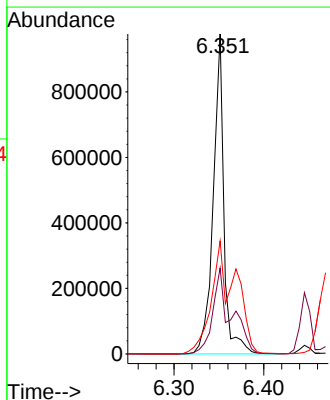
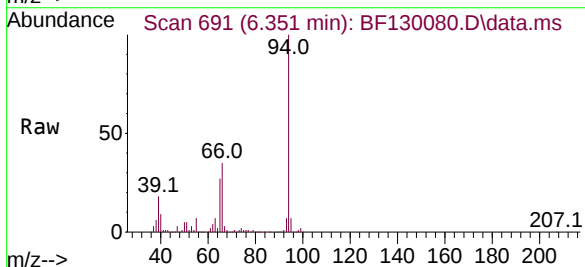
Manual Integrations  
APPROVED

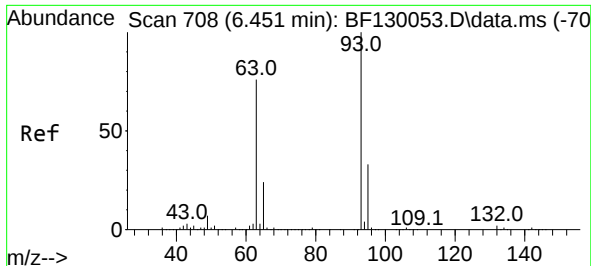
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#10  
Phenol  
Concen: 39.435 ng  
RT: 6.351 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

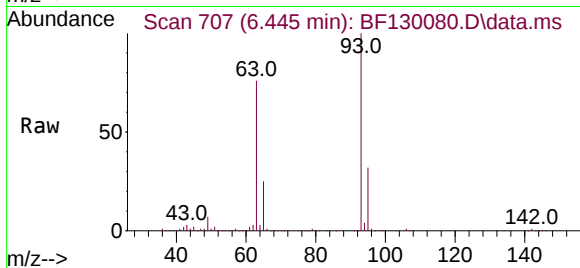
Tgt Ion: 94 Resp: 809178  
Ion Ratio Lower Upper  
94 100  
65 26.8 24.9 64.9  
66 35.3 54.2 94.2#





#11  
bis(2-Chloroethyl)ether  
Concen: 38.696 ng  
RT: 6.445 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

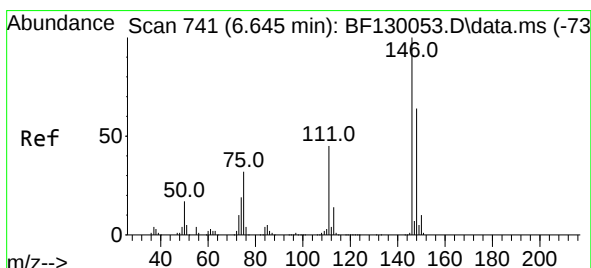
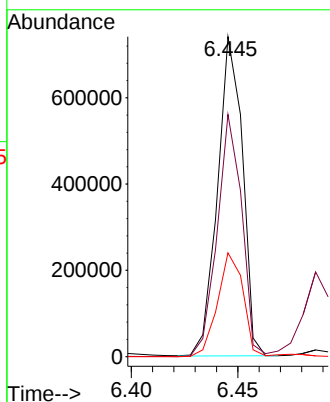
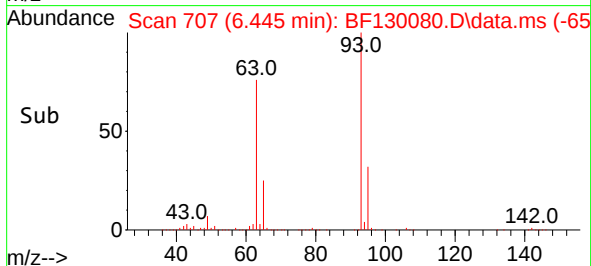
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 603282  
Ion Ratio Lower Upper  
93 100  
63 75.7 55.9 95.9  
95 32.4 12.3 52.3

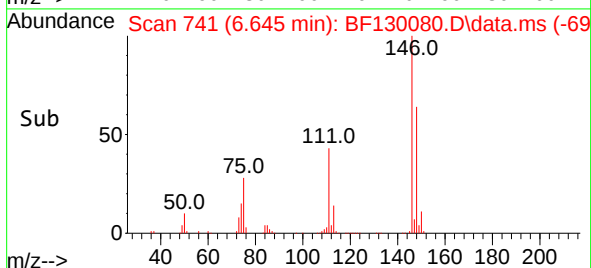
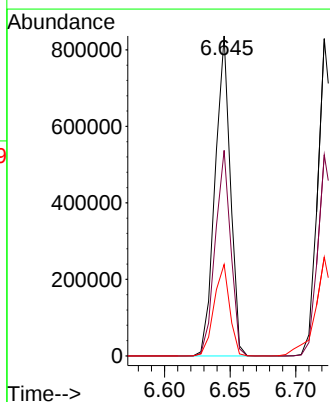
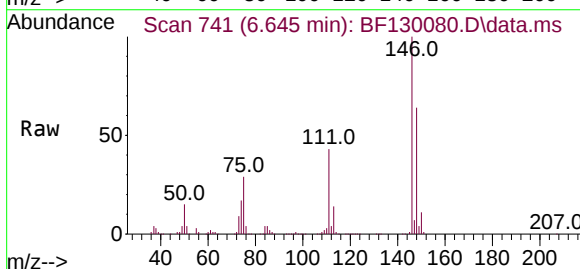
Manual Integrations  
APPROVED

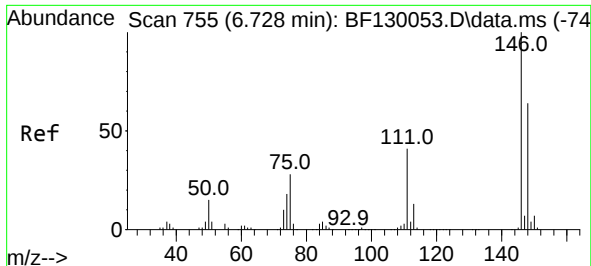
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#12  
1,3-Dichlorobenzene  
Concen: 38.412 ng  
RT: 6.645 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:146 Resp: 680541  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.2 76.8  
75 28.6 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 38.355 ng

RT: 6.722 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 684479

Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

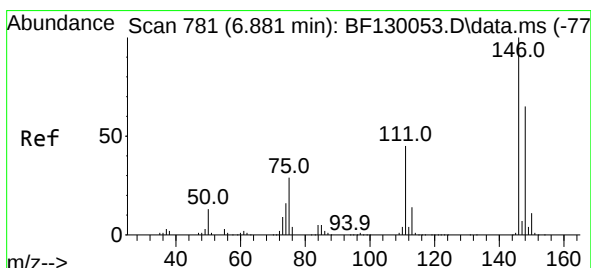
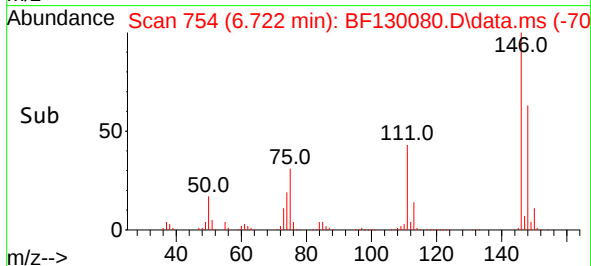
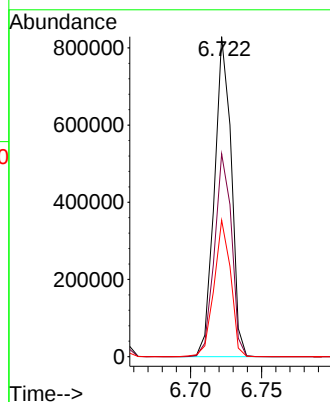
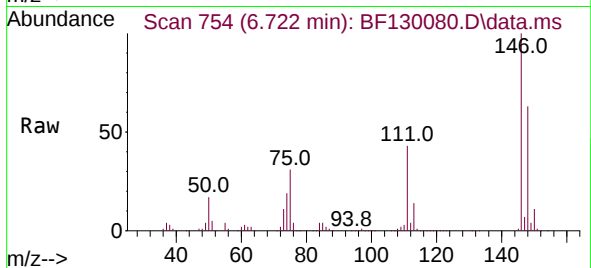
111 42.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#14

1,2-Dichlorobenzene

Concen: 38.434 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

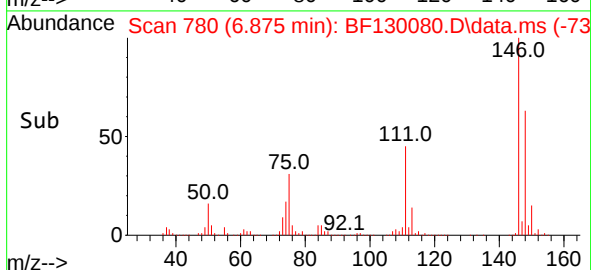
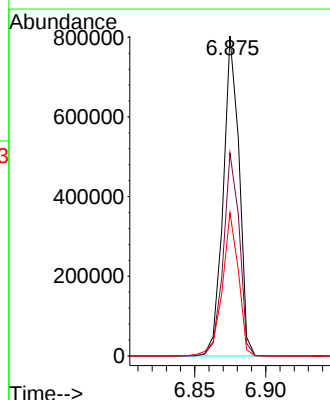
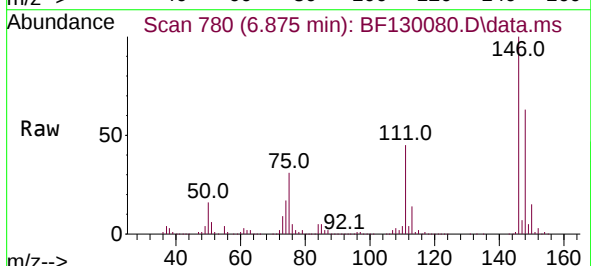
Tgt Ion:146 Resp: 623494

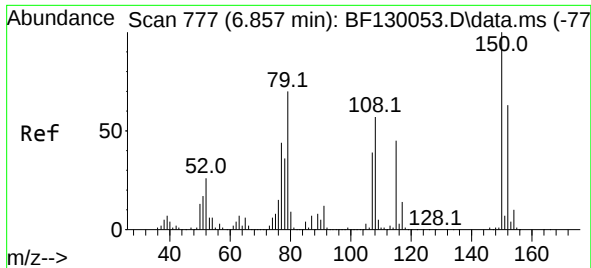
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

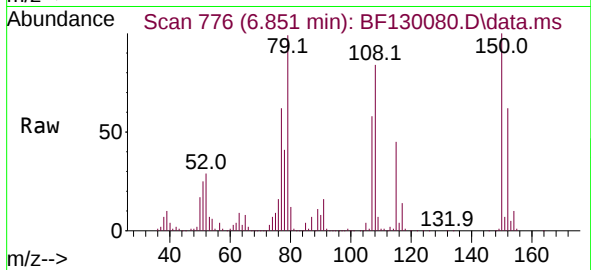
111 44.8 37.2 55.8





#15  
Benzyl Alcohol  
Concen: 38.479 ng  
RT: 6.851 min Scan# 777  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

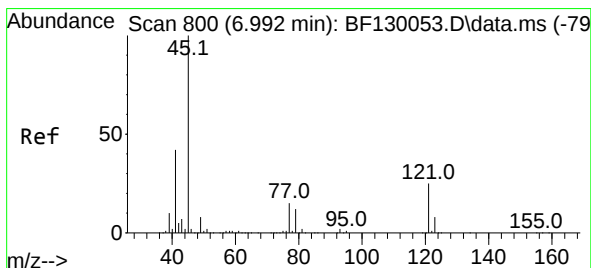
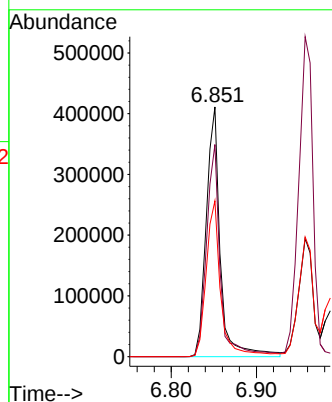
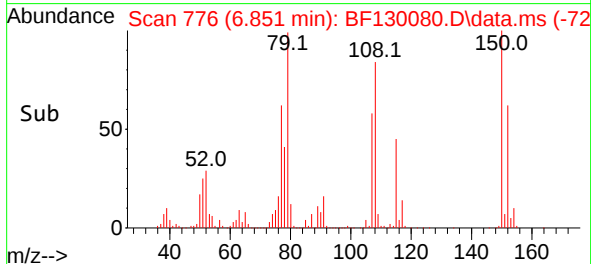
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



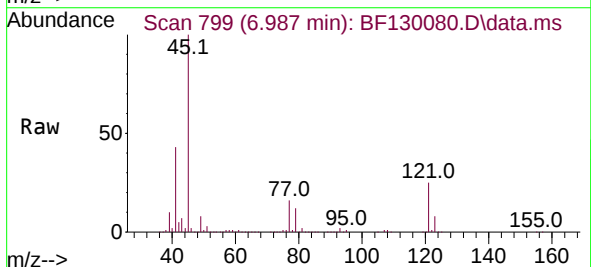
Tgt Ion: 79 Resp: 470828  
Ion Ratio Lower Upper  
79 100  
108 85.0 59.2 88.8  
77 62.4 51.9 77.9

Manual Integrations  
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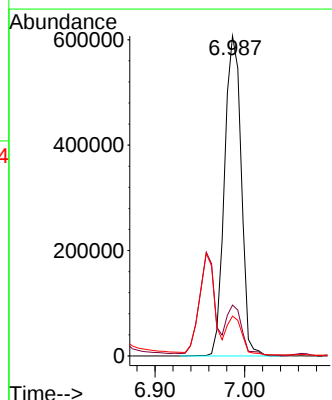
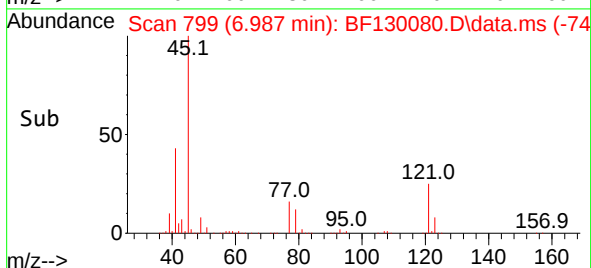
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

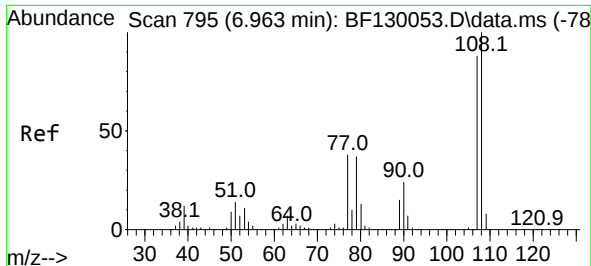


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.281 ng  
RT: 6.987 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



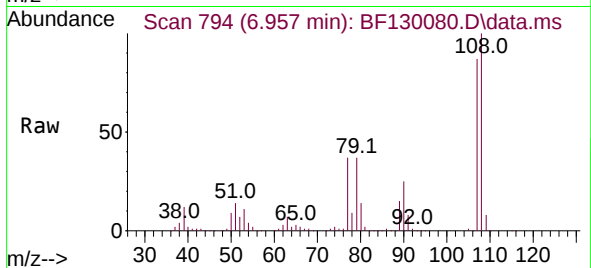
Tgt Ion: 45 Resp: 789931  
Ion Ratio Lower Upper  
45 100  
77 15.9 27.4 67.4#  
79 12.4 24.4 64.4#





#17  
2-Methylphenol  
Concen: 39.194 ng  
RT: 6.957 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

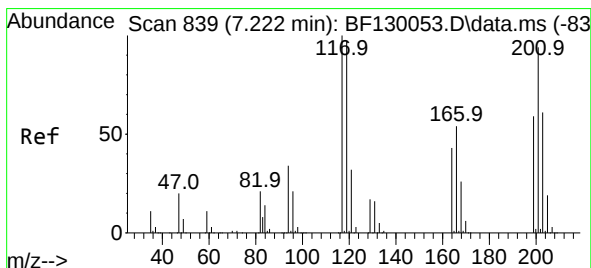
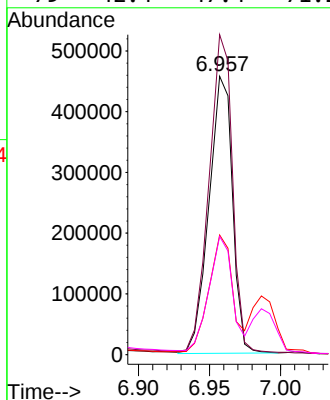
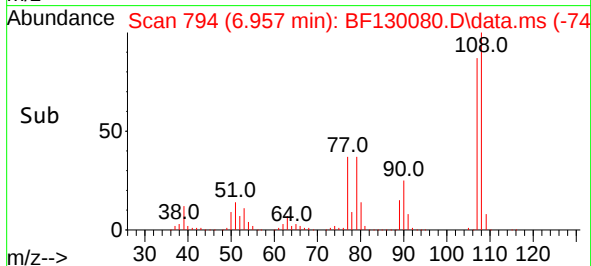
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 527016  
Ion Ratio Lower Upper  
107 100  
108 115.0 90.2 135.2  
77 43.0 51.8 77.8  
79 42.4 47.4 71.2#

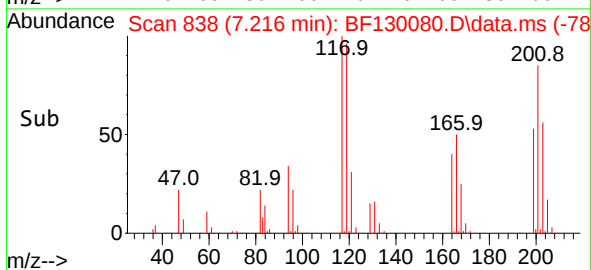
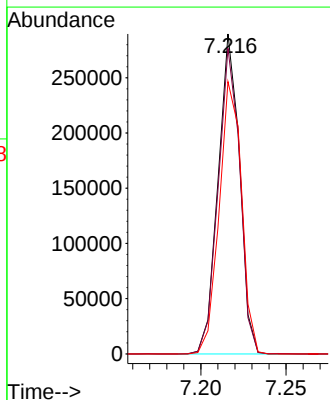
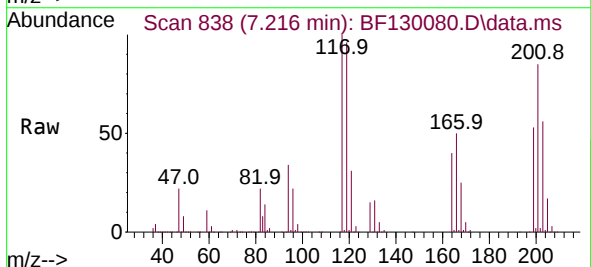
Manual Integrations  
APPROVED

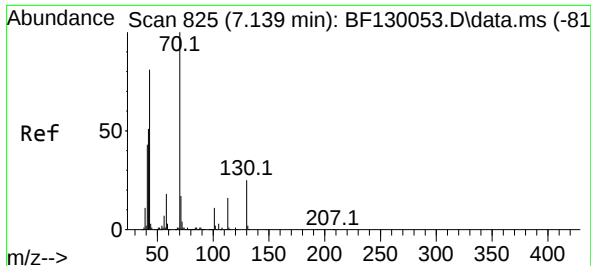
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#18  
Hexachloroethane  
Concen: 39.311 ng  
RT: 7.216 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:117 Resp: 253333  
Ion Ratio Lower Upper  
117 100  
119 95.5 79.1 118.7  
201 85.1 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.974 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 415296

Ion Ratio Lower Upper

70 100

42 52.6 47.6 71.4

101 10.0 8.1 12.1

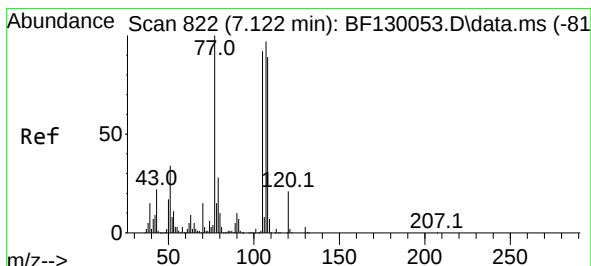
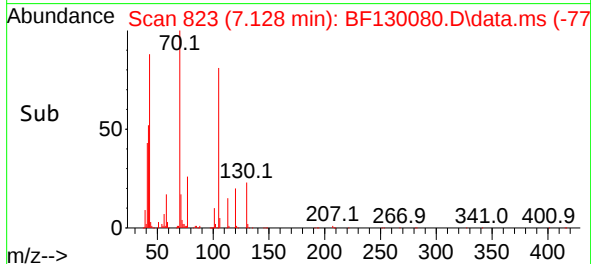
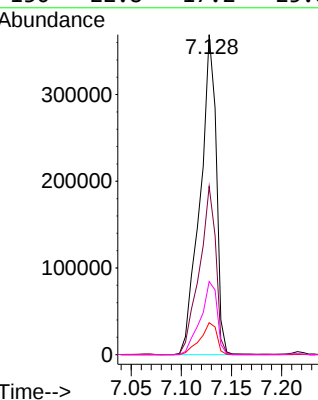
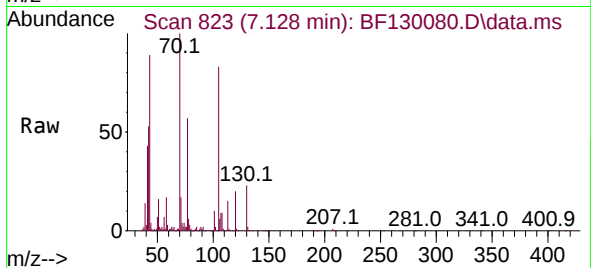
130 22.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#20

3+4-Methylphenols

Concen: 38.675 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Tgt Ion:107 Resp: 609824

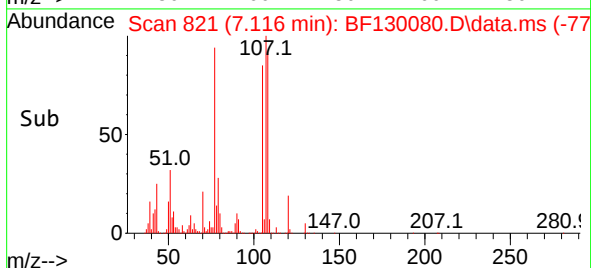
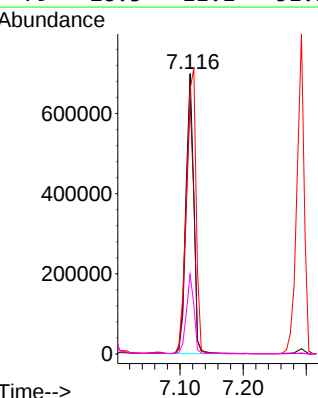
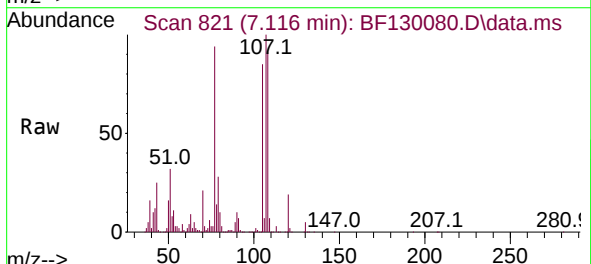
Ion Ratio Lower Upper

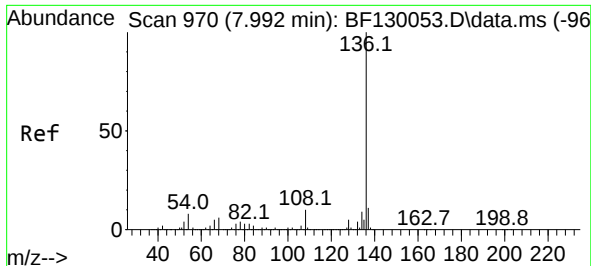
107 100

108 90.6 71.3 111.3

77 94.3 20.4 60.4#

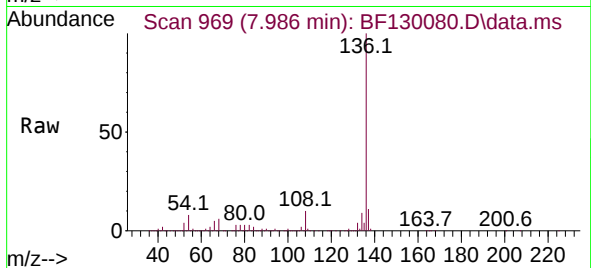
79 28.3 11.1 51.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.986 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

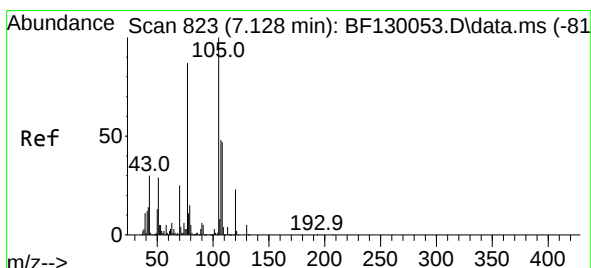
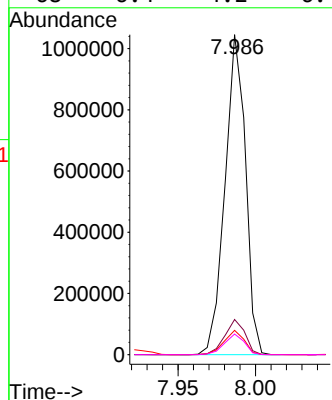
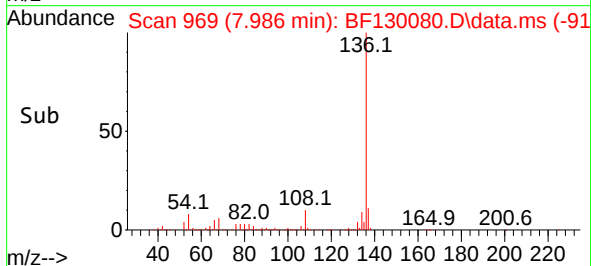
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 964365  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 7.6 6.2 9.2  
68 6.4 4.2 6.4#

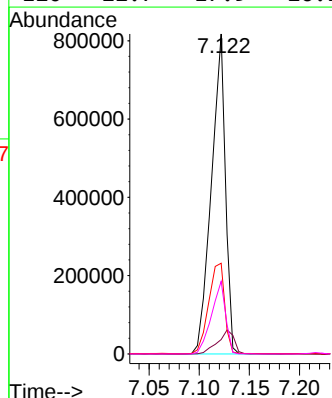
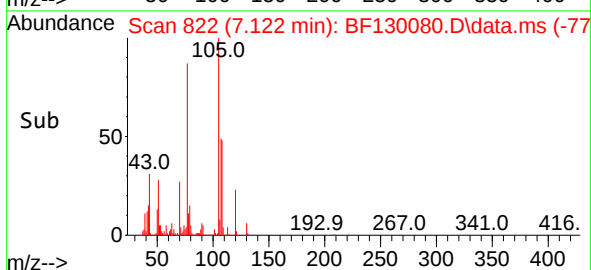
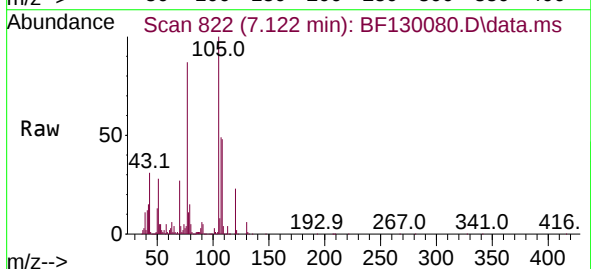
Manual Integrations  
APPROVED

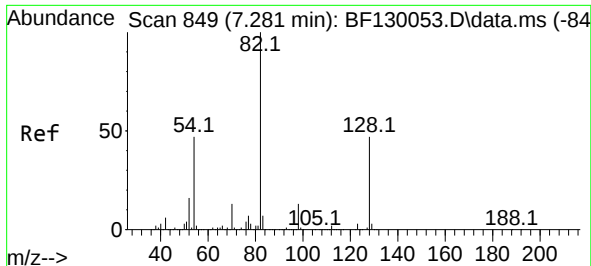
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#22  
Acetophenone  
Concen: 36.891 ng  
RT: 7.122 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:105 Resp: 794831  
Ion Ratio Lower Upper  
105 100  
71 4.5 6.6 9.8#  
51 28.3 23.8 35.8  
120 22.7 17.9 26.9





#23  
Nitrobenzene-d5  
Concen: 82.874 ng  
RT: 7.275 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

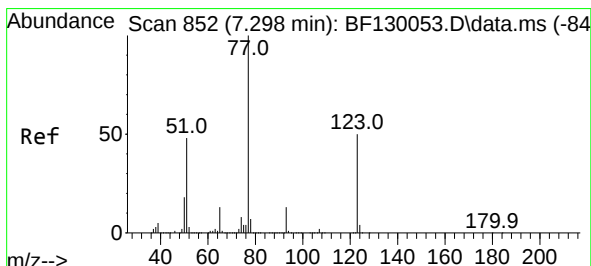
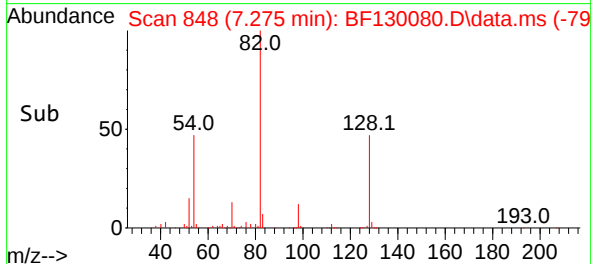
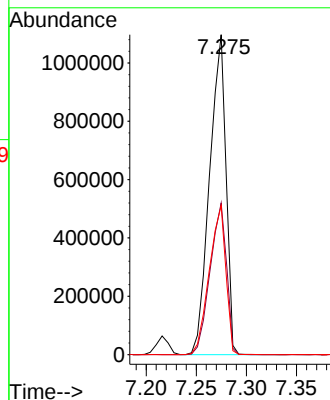
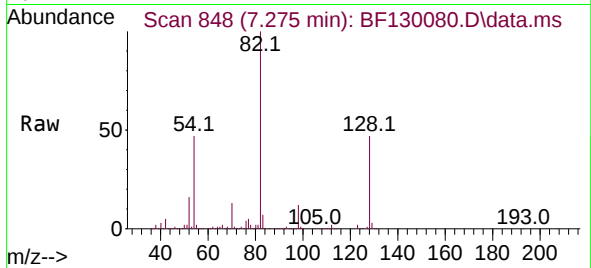
SSTDCCC040

Tgt Ion: 82 Resp: 1243590  
Ion Ratio Lower Upper  
82 100  
128 47.4 36.1 54.1  
54 46.6 40.0 60.0

Manual Integrations

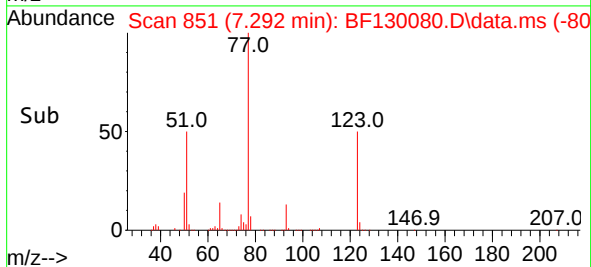
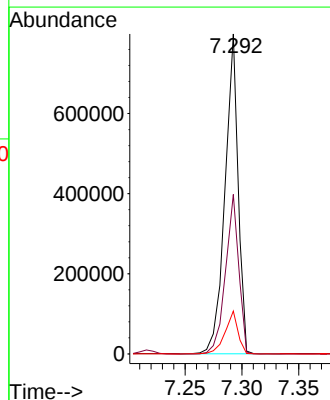
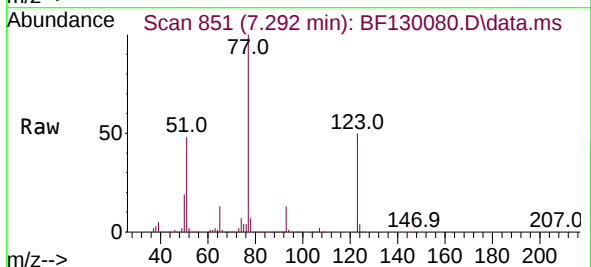
APPROVED

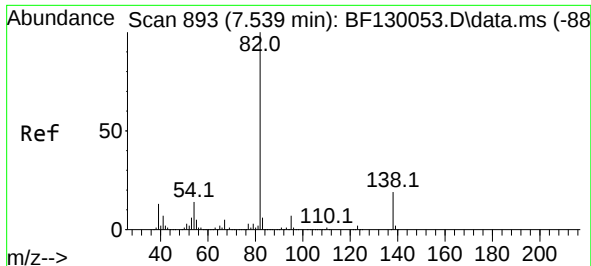
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#24  
Nitrobenzene  
Concen: 40.145 ng  
RT: 7.292 min Scan# 851  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion: 77 Resp: 640661  
Ion Ratio Lower Upper  
77 100  
123 49.8 39.2 58.8  
65 13.4 11.1 16.7





#25  
Isophorone  
Concen: 37.328 ng  
RT: 7.534 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

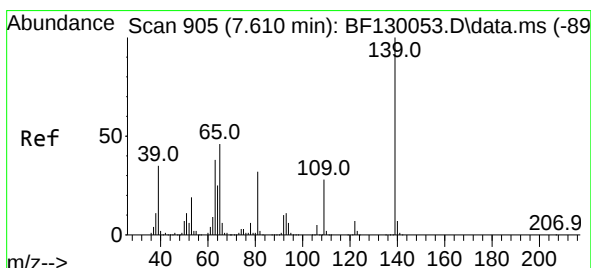
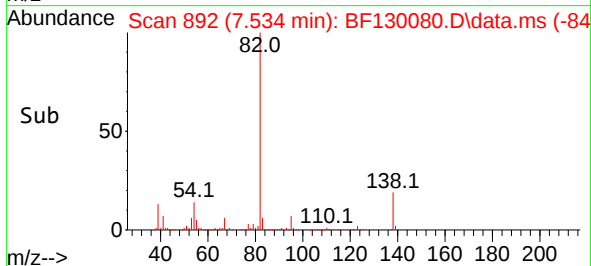
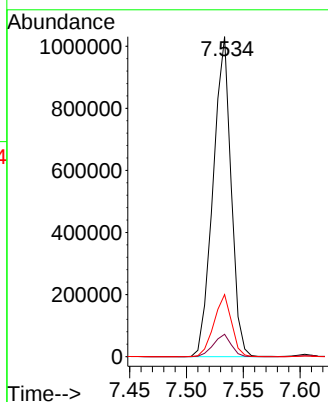
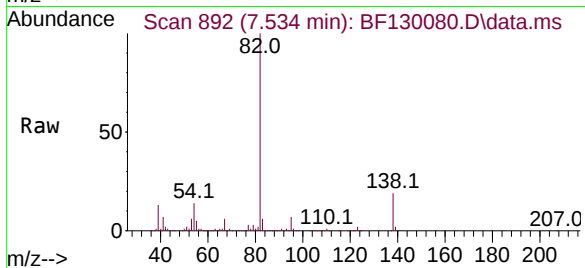
SSTDCCC040

Tgt Ion: 82 Resp: 1133729  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.9 8.9  
138 19.4 14.6 21.8

Manual Integrations

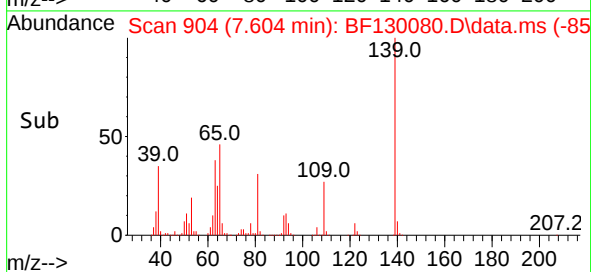
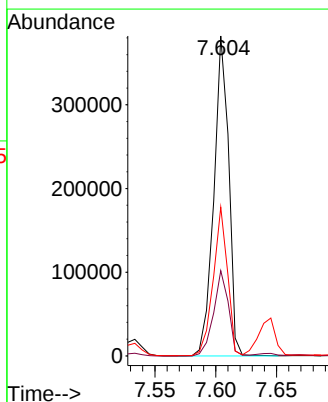
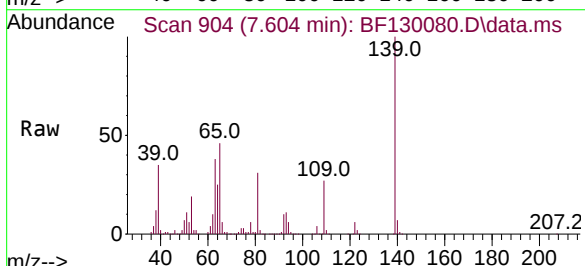
APPROVED

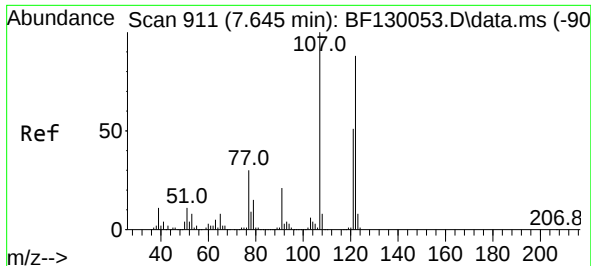
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#26  
2-Nitrophenol  
Concen: 43.611 ng  
RT: 7.604 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

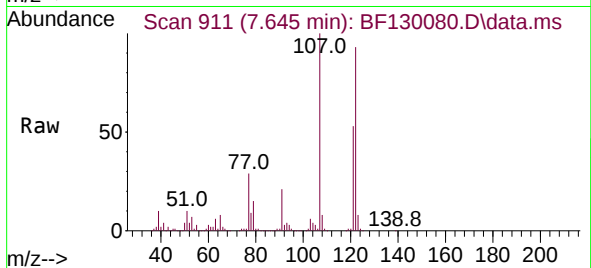
Tgt Ion:139 Resp: 324357  
Ion Ratio Lower Upper  
139 100  
109 26.6 24.4 36.6  
65 46.5 40.9 61.3





#27  
2,4-Dimethylphenol  
Concen: 38.993 ng  
RT: 7.645 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

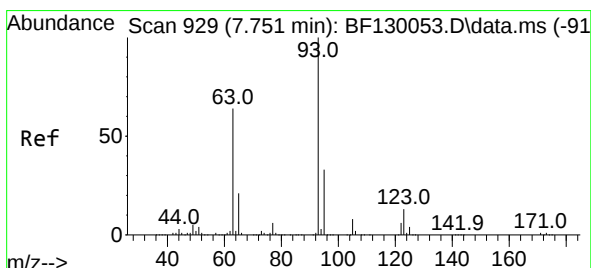
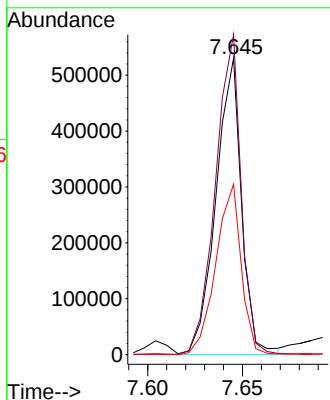
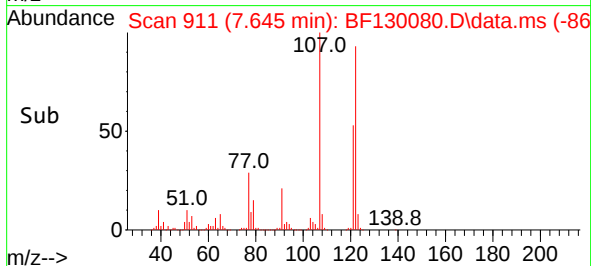
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:122 Resp: 496924  
Ion Ratio Lower Upper  
122 100  
107 107.9 92.2 138.4  
121 57.4 46.1 69.1

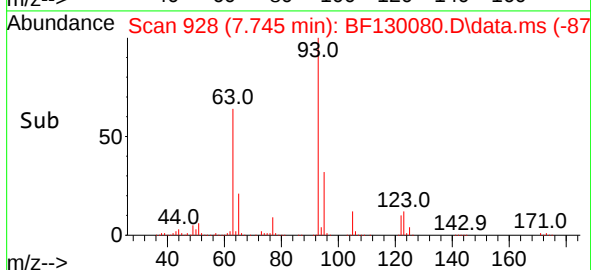
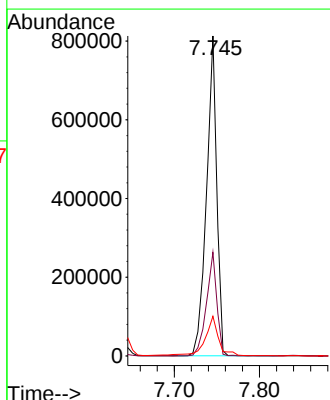
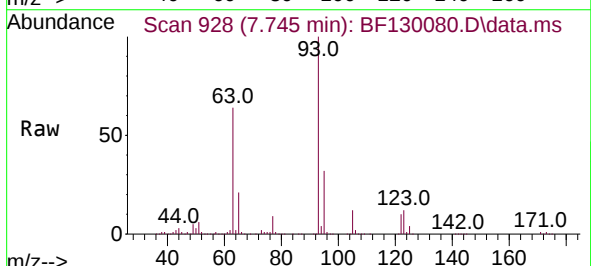
Manual Integrations  
APPROVED

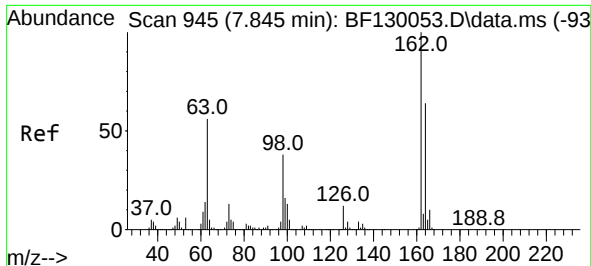
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.333 ng  
RT: 7.745 min Scan# 928  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion: 93 Resp: 681111  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.6 38.4  
123 12.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.372 ng

RT: 7.839 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

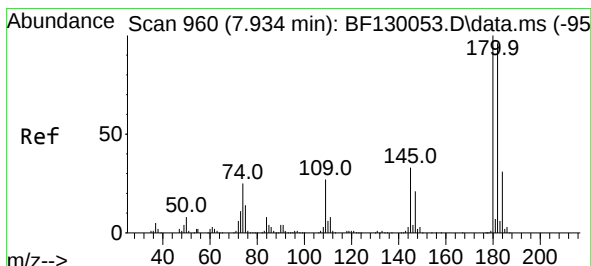
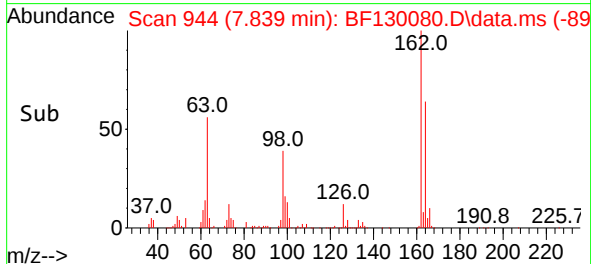
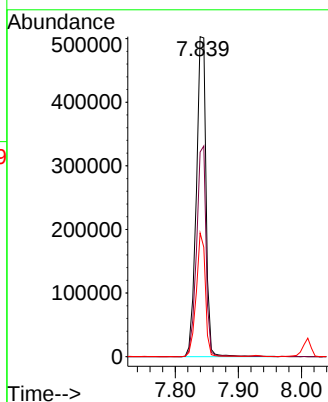
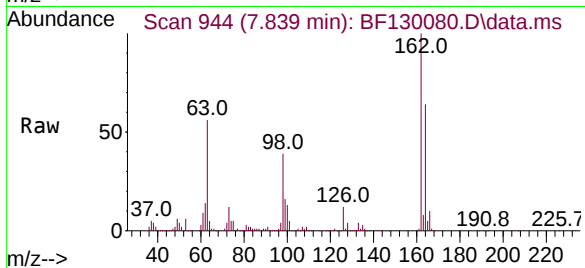
Tgt Ion:162 Resp: 536709  
 Ion Ratio Lower Upper  
 162 100  
 164 63.9 43.7 83.7  
 98 38.6 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.183 ng

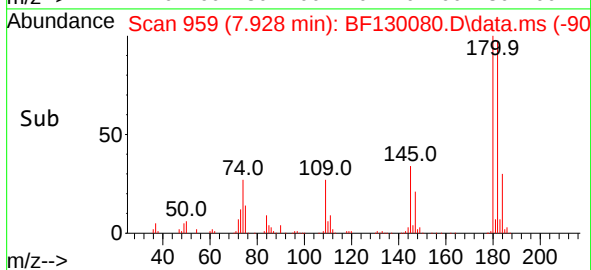
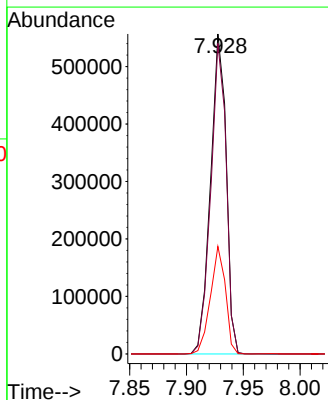
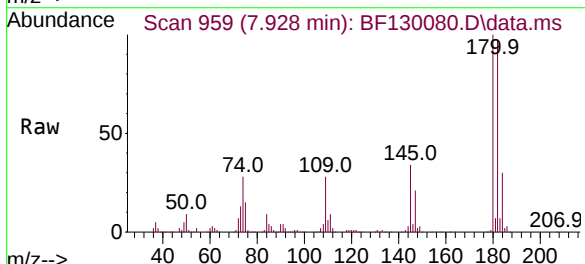
RT: 7.928 min Scan# 959

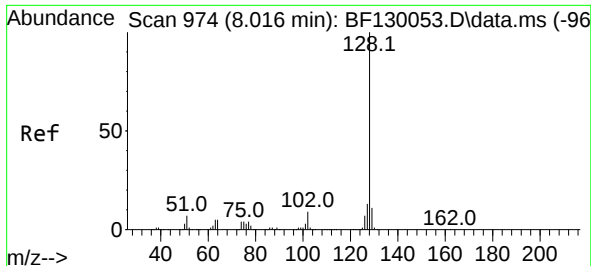
Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

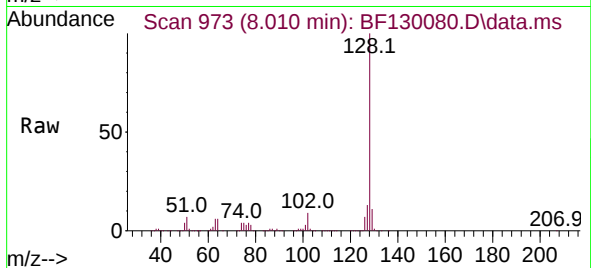
Tgt Ion:180 Resp: 534447  
 Ion Ratio Lower Upper  
 180 100  
 182 97.0 77.6 116.4  
 145 33.6 25.6 38.4





#31  
Naphthalene  
Concen: 37.576 ng  
RT: 8.010 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

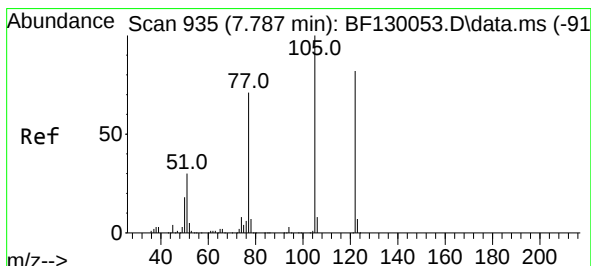
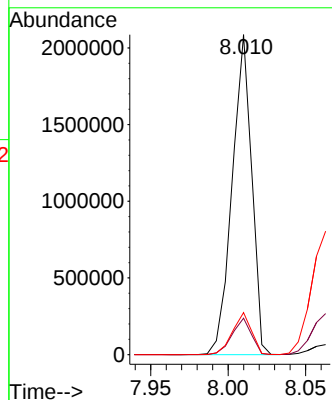
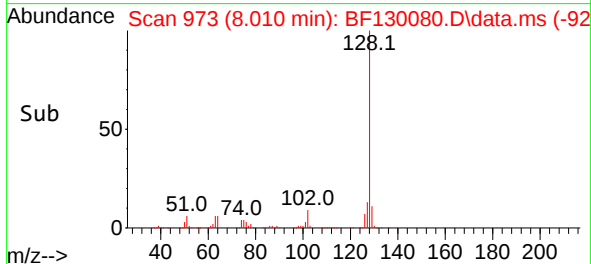
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 1827615  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.1 10.7 16.1

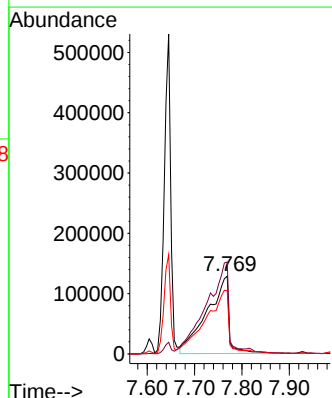
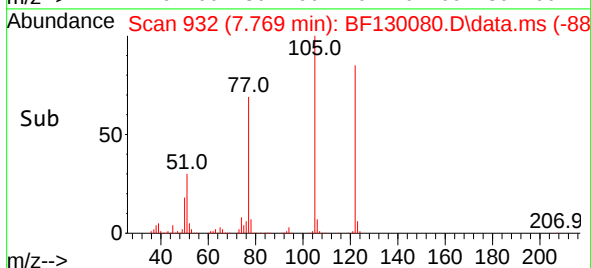
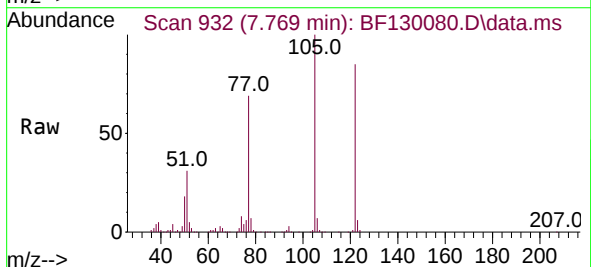
Manual Integrations  
APPROVED

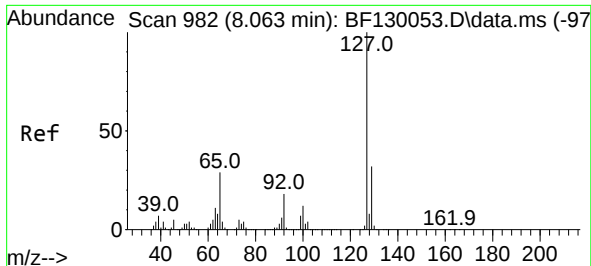
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#32  
Benzoic acid  
Concen: 41.500 ng  
RT: 7.769 min Scan# 932  
Delta R.T. -0.018 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:122 Resp: 421101  
Ion Ratio Lower Upper  
122 100  
105 118.1 99.9 139.9  
77 81.3 65.9 105.9





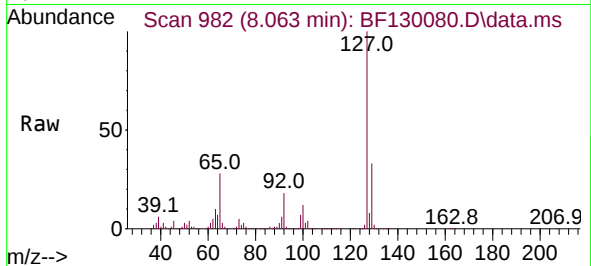
#33  
4-Chloroaniline  
Concen: 39.218 ng  
RT: 8.063 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

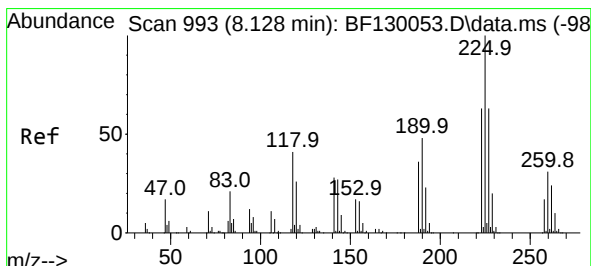
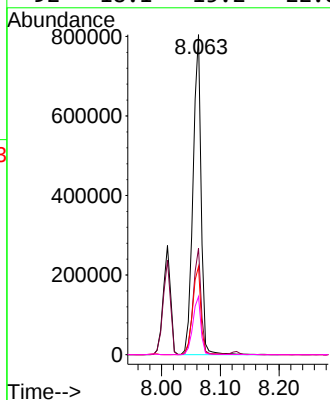
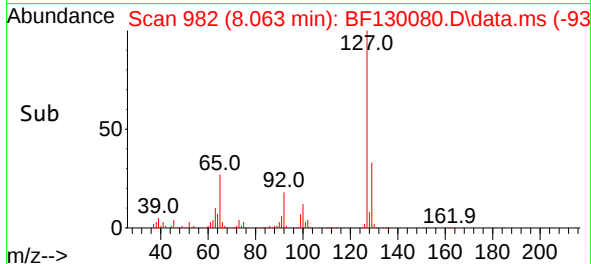


Tgt Ion:127 Resp: 770644  
Ion Ratio Lower Upper  
127 100  
129 33.2 26.7 40.1  
65 27.5 24.2 36.2  
92 18.1 15.2 22.8

Manual Integrations

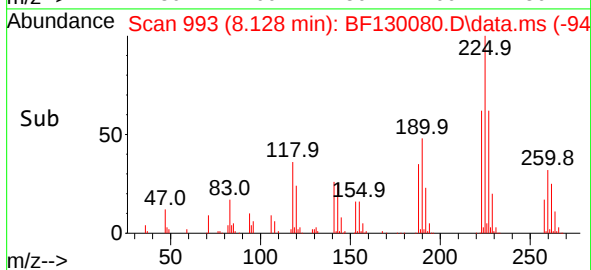
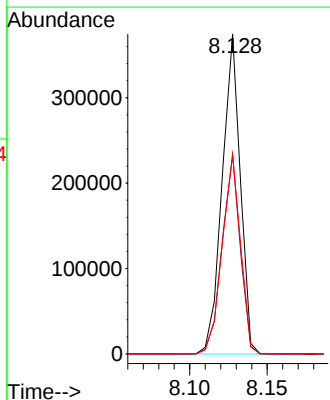
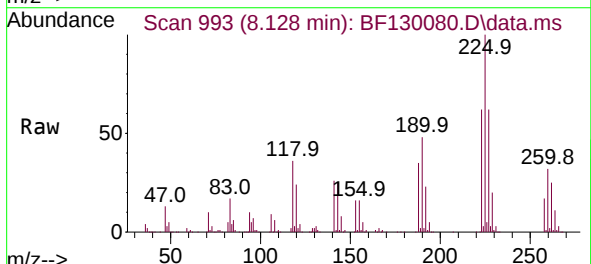
APPROVED

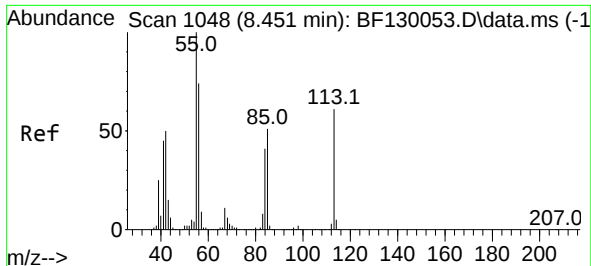
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#34  
Hexachlorobutadiene  
Concen: 37.010 ng  
RT: 8.128 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

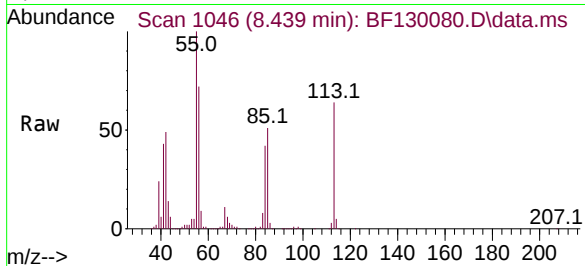
Tgt Ion:225 Resp: 304659  
Ion Ratio Lower Upper  
225 100  
223 62.3 50.2 75.2  
227 62.3 50.6 75.8





#35  
Caprolactam  
Concen: 42.804 ng m  
RT: 8.439 min Scan# 1046  
Delta R.T. -0.012 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

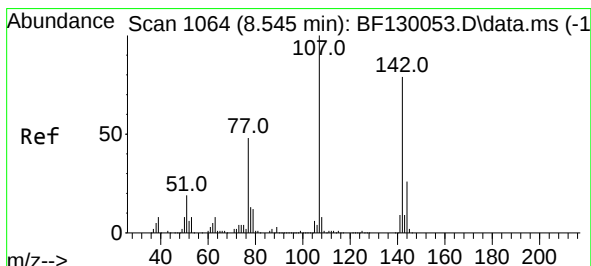
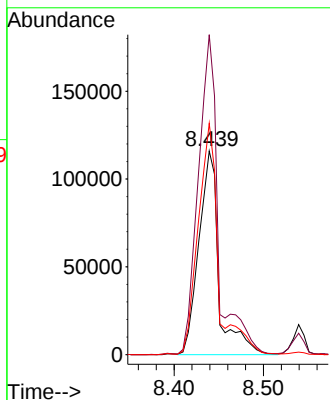
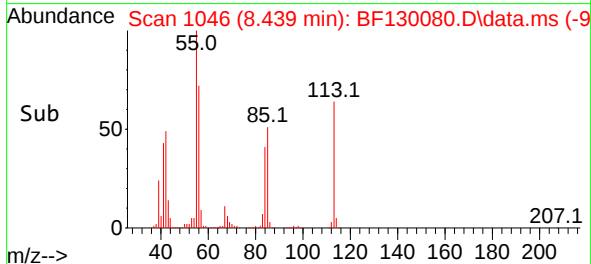
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 180814  
Ion Ratio Lower Upper  
113 100  
55 157.2 148.8 188.8  
56 113.6 109.1 149.1

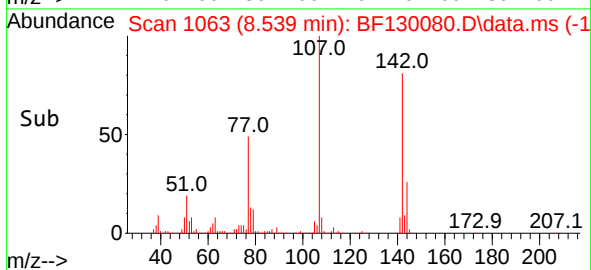
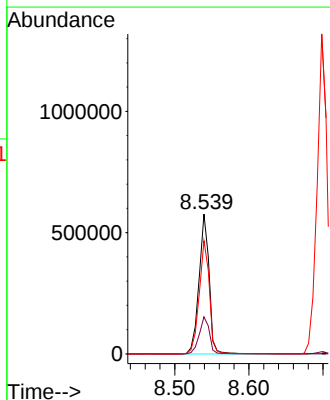
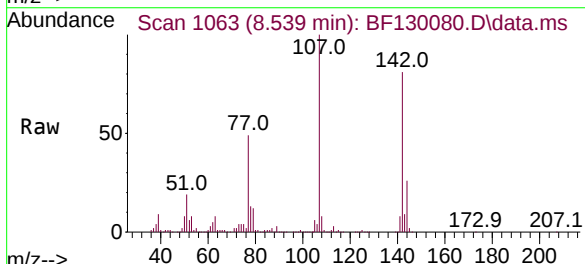
Manual Integrations  
APPROVED

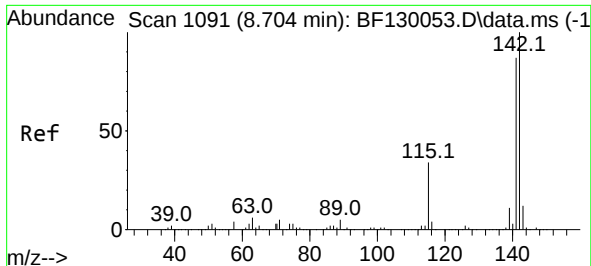
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#36  
4-Chloro-3-methylphenol  
Concen: 39.699 ng  
RT: 8.539 min Scan# 1063  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:107 Resp: 547607  
Ion Ratio Lower Upper  
107 100  
144 26.5 19.9 29.9  
142 81.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 37.946 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 118889

Ion Ratio Lower Upper

142 100

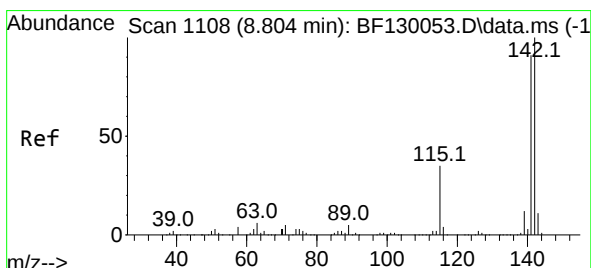
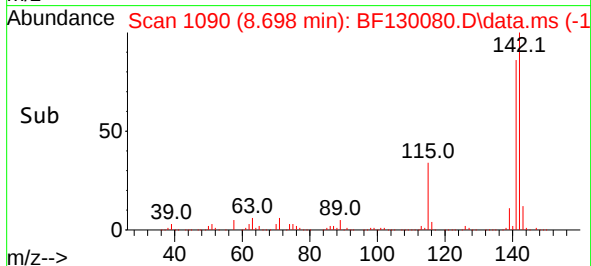
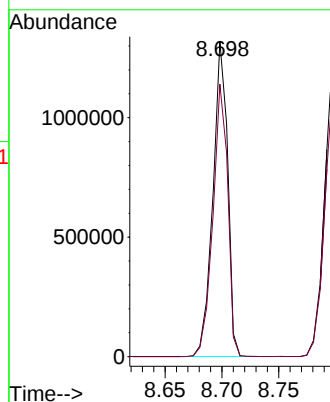
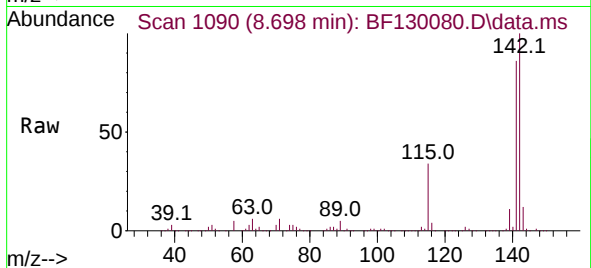
141 86.4 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#38

1-Methylnaphthalene

Concen: 38.182 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130080.D

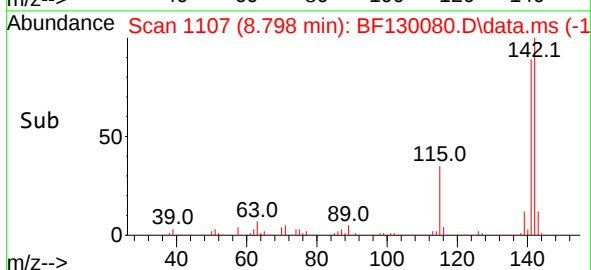
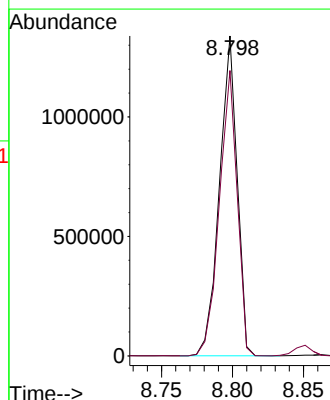
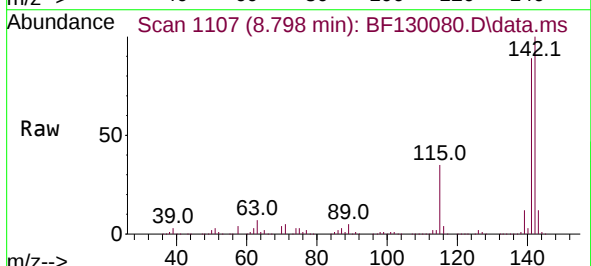
Acq: 01 Sep 2022 16:26

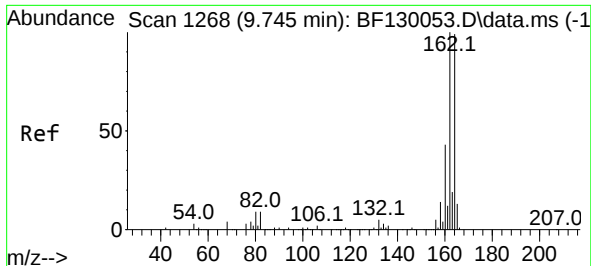
Tgt Ion:142 Resp: 1162767

Ion Ratio Lower Upper

142 100

141 89.2 73.5 110.3





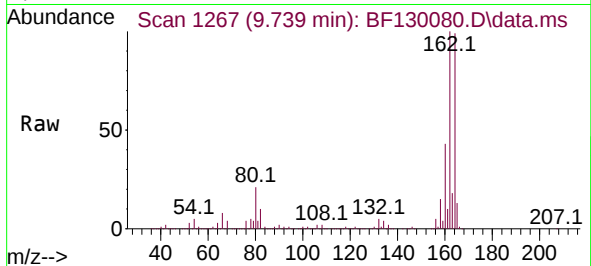
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.739 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

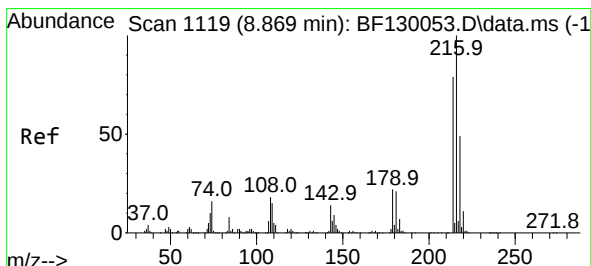
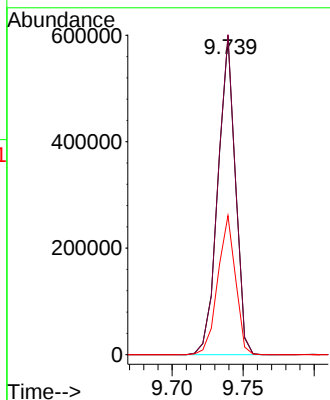
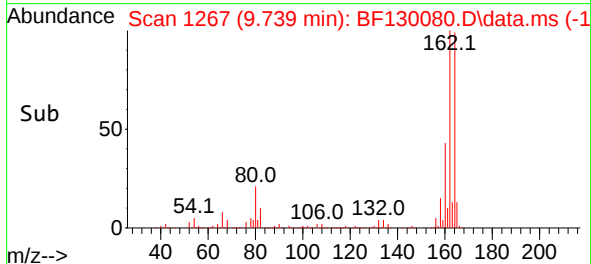


Tgt Ion:164 Resp: 511092  
Ion Ratio Lower Upper  
164 100  
162 100.5 82.0 123.0  
160 43.6 35.4 53.0

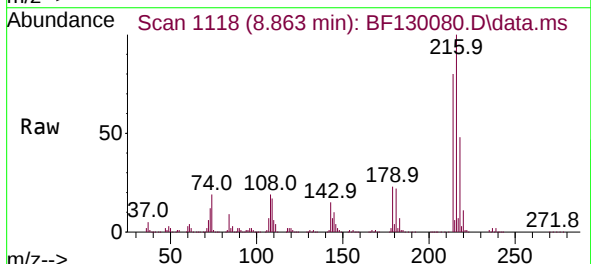
Manual Integrations

APPROVED

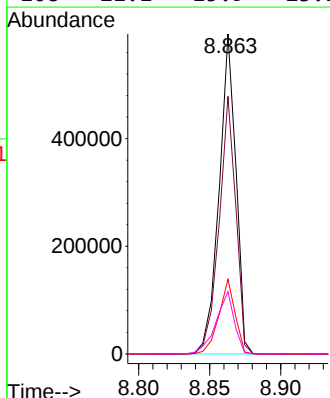
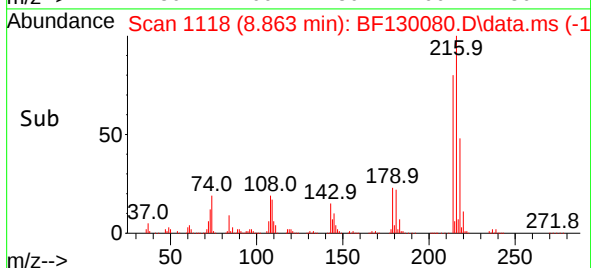
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

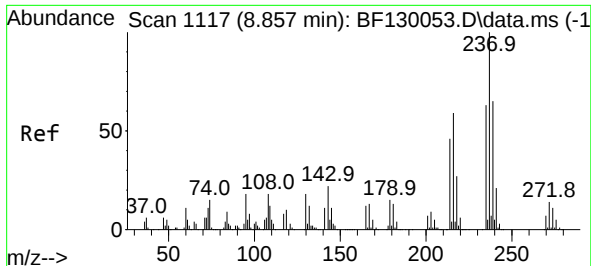


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.804 ng  
RT: 8.863 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



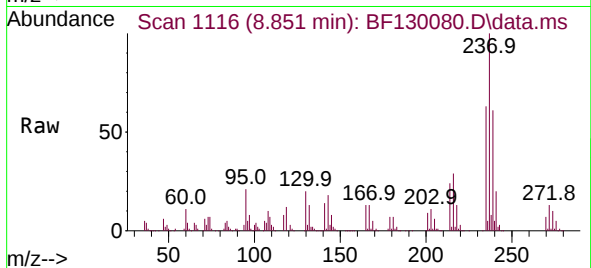
Tgt Ion:216 Resp: 490492  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.1 94.7  
179 22.5 18.1 27.1  
108 21.1 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 39.310 ng  
RT: 8.851 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

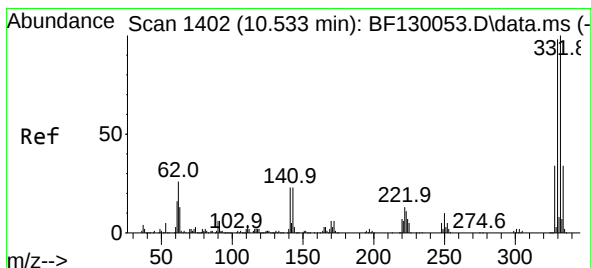
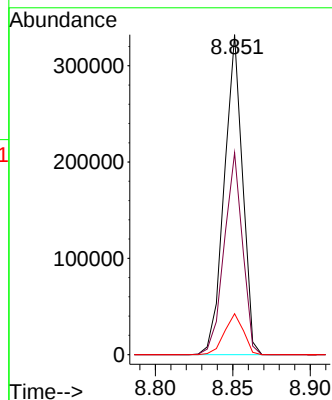
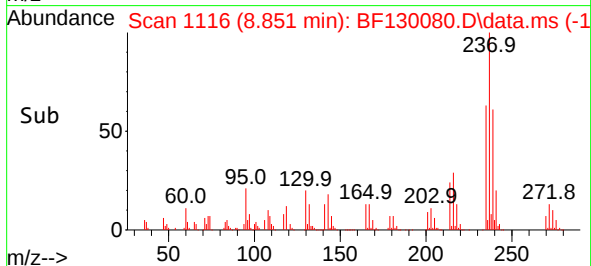
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



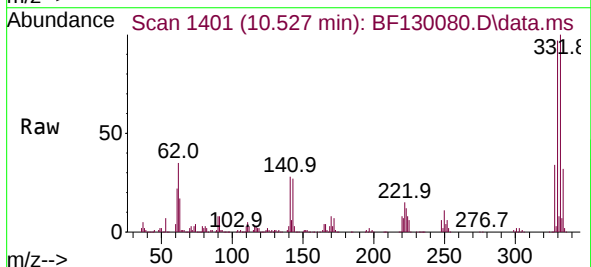
Tgt Ion:237 Resp: 273794  
Ion Ratio Lower Upper  
237 100  
235 63.1 41.5 81.5  
272 12.8 0.0 33.3

Manual Integrations  
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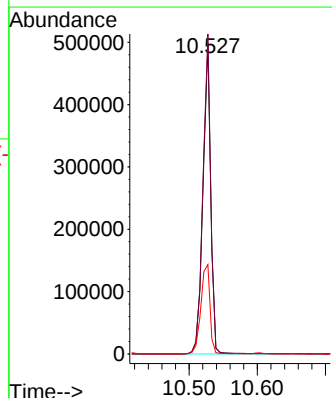
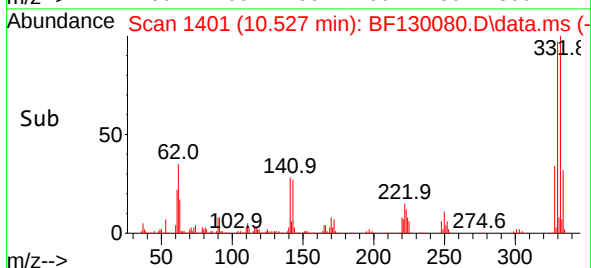
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

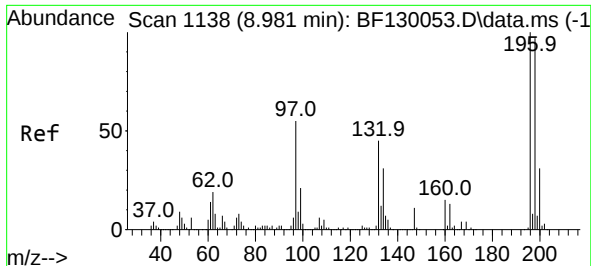


#42  
2,4,6-Tribromophenol  
Concen: 85.052 ng  
RT: 10.527 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:330 Resp: 395695  
Ion Ratio Lower Upper  
330 100  
332 103.2 82.6 124.0  
141 33.7 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 39.536 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 376109

Ion Ratio Lower Upper

196 100

198 93.9 79.0 118.4

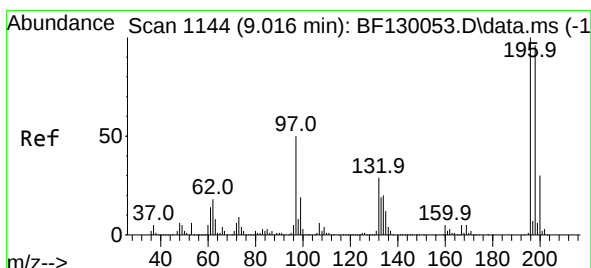
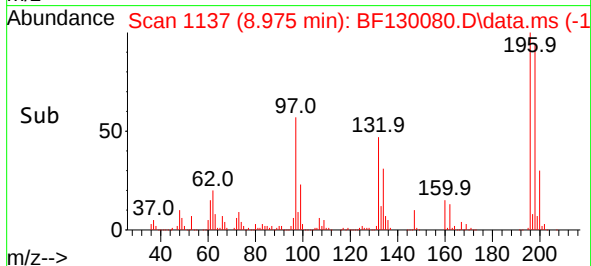
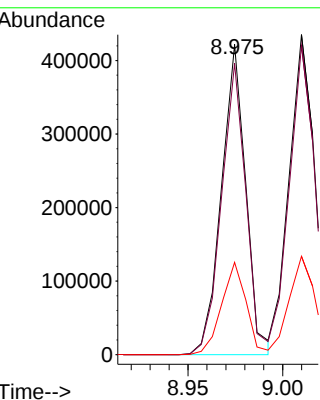
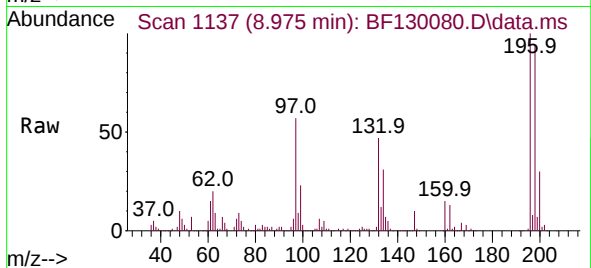
200 29.7 25.1 37.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#44

2,4,5-Trichlorophenol

Concen: 39.365 ng

RT: 9.010 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Tgt Ion:196 Resp: 405896

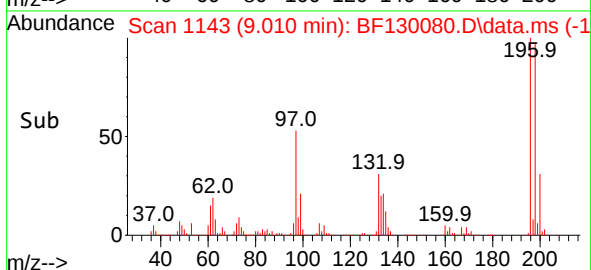
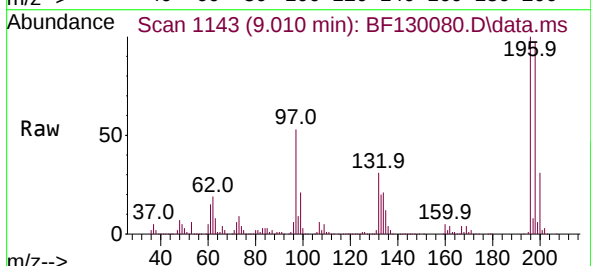
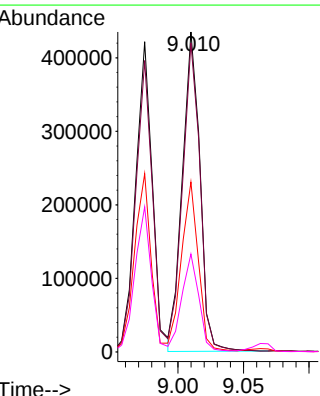
Ion Ratio Lower Upper

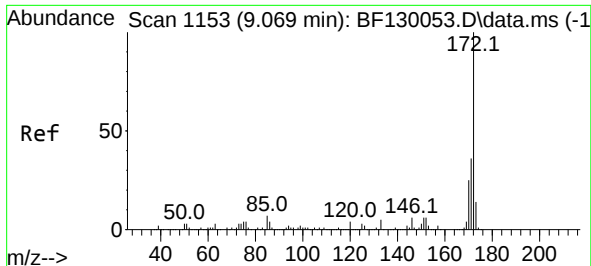
196 100

198 96.6 76.4 114.6

97 53.1 46.5 69.7

132 30.6 25.2 37.8





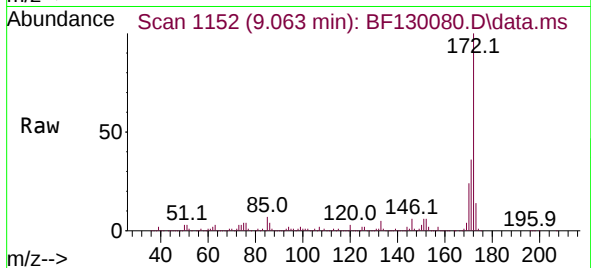
#45  
2-Fluorobiphenyl  
Concen: 72.104 ng  
RT: 9.063 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

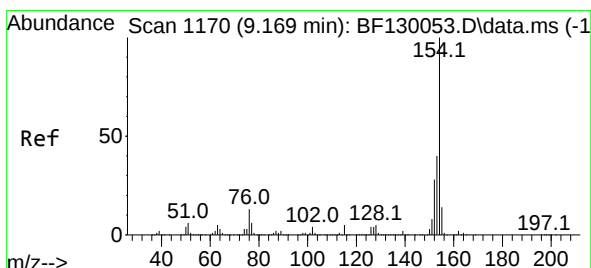
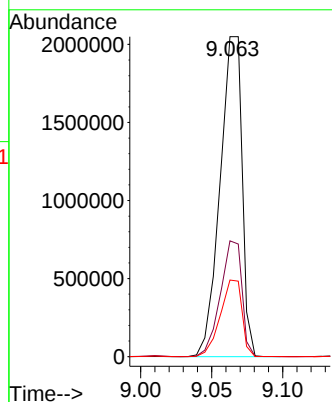
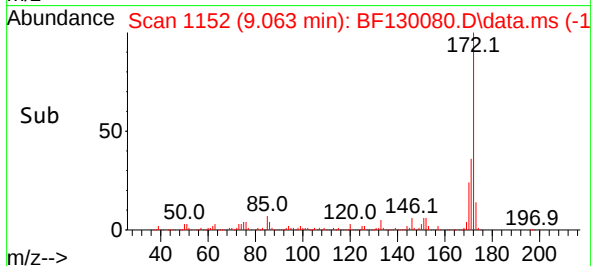


Tgt Ion:172 Resp: 2222726  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.4 42.6  
170 23.9 19.1 28.7

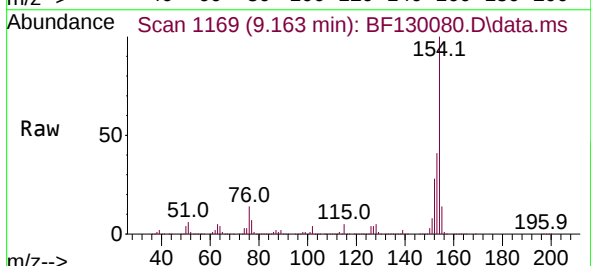
Manual Integrations

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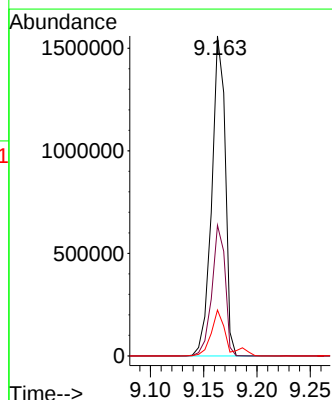
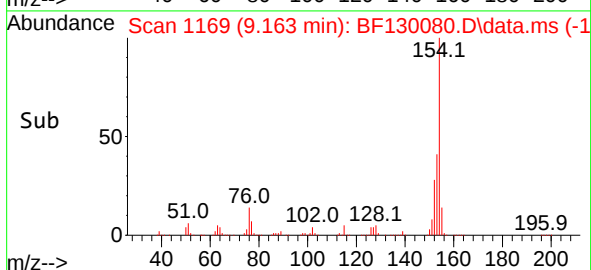
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

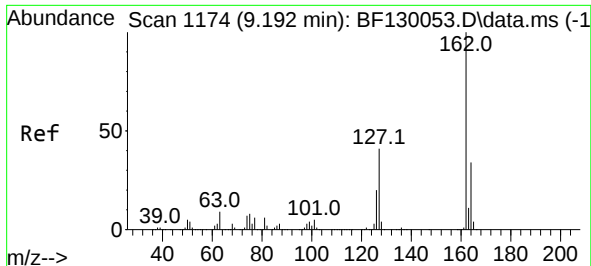


#46  
1,1'-Biphenyl  
Concen: 37.034 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:154 Resp: 1375100  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.2 60.2  
76 14.3 0.0 32.1





#47

2-Chloronaphthalene

Concen: 37.705 ng

RT: 9.186 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1121746

Ion Ratio Lower Upper

162 100

127 41.5 33.1 49.7

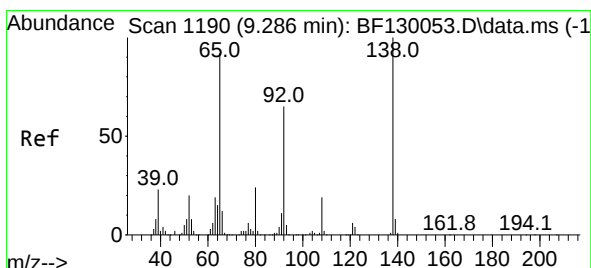
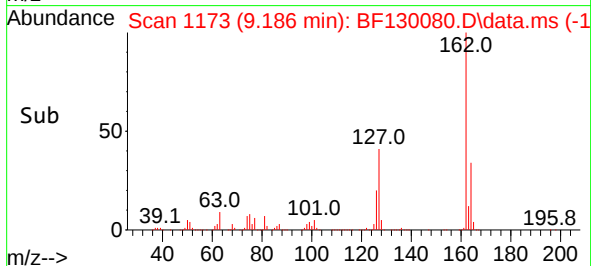
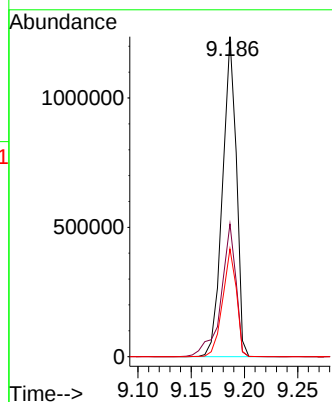
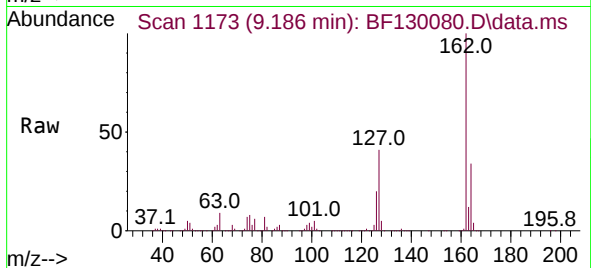
164 33.7 26.7 40.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#48

2-Nitroaniline

Concen: 46.385 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

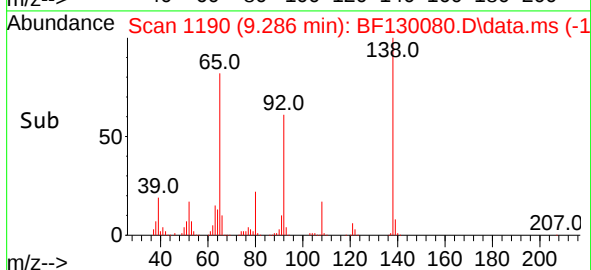
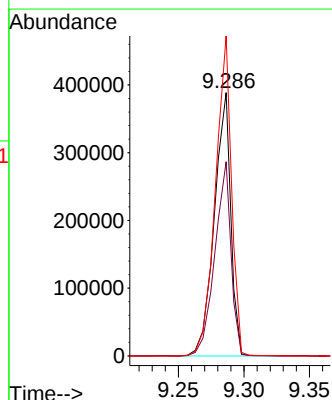
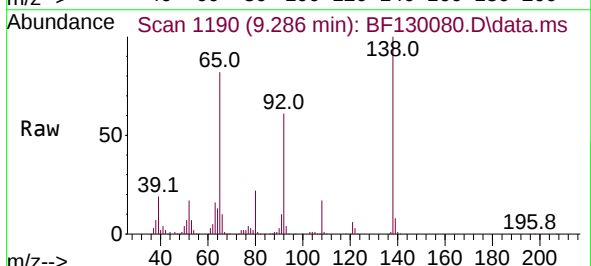
Tgt Ion: 65 Resp: 340067

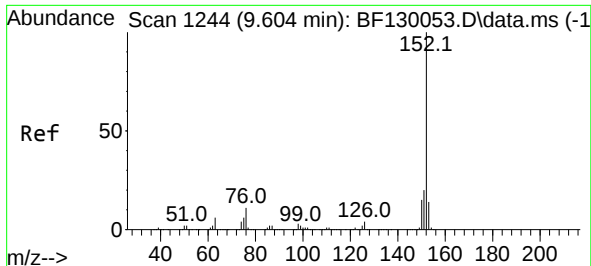
Ion Ratio Lower Upper

65 100

92 73.7 55.0 82.4

138 121.5 81.3 121.9





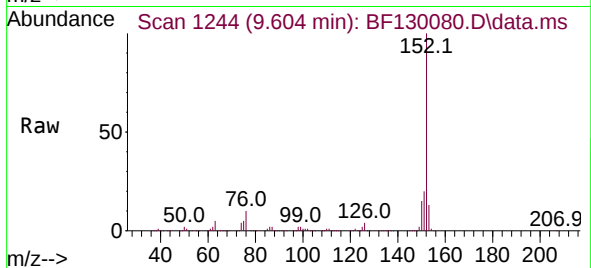
#49  
Acenaphthylene  
Concen: 38.361 ng  
RT: 9.604 min Scan# 1244  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

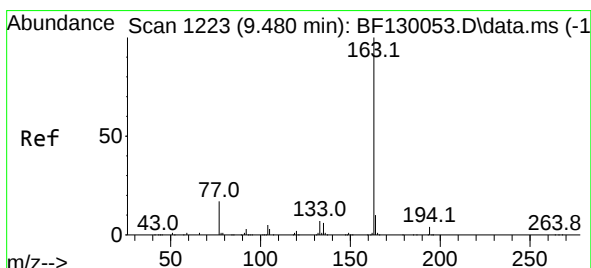
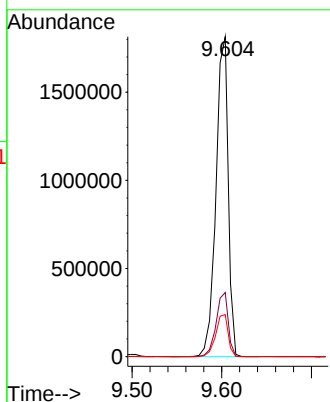
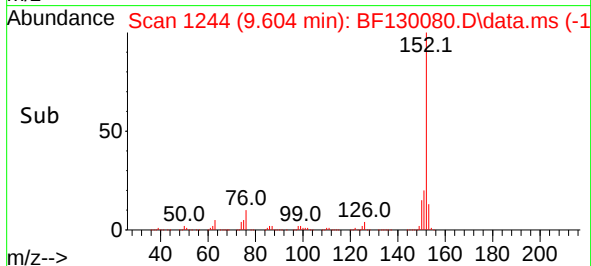


Tgt Ion:152 Resp: 1733073  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.1 10.6 16.0

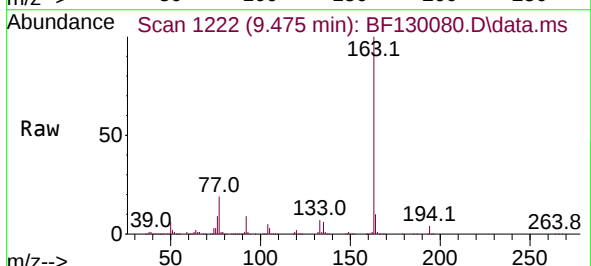
Manual Integrations

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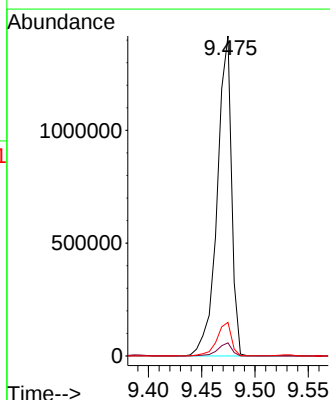
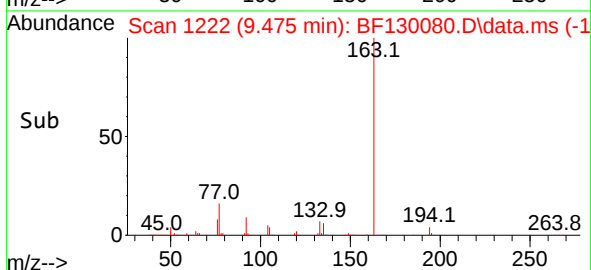
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

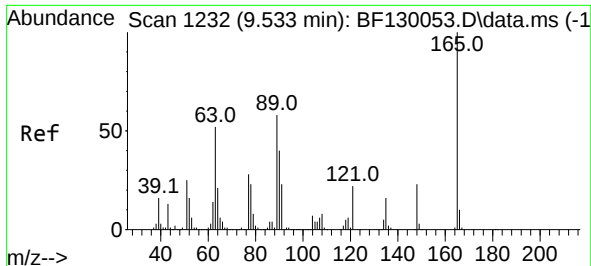


#50  
Dimethylphthalate  
Concen: 38.227 ng  
RT: 9.475 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:163 Resp: 1330755  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.5 8.2 12.2





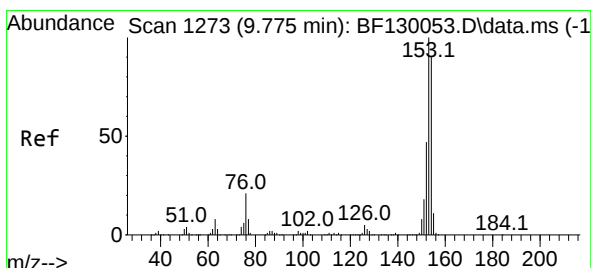
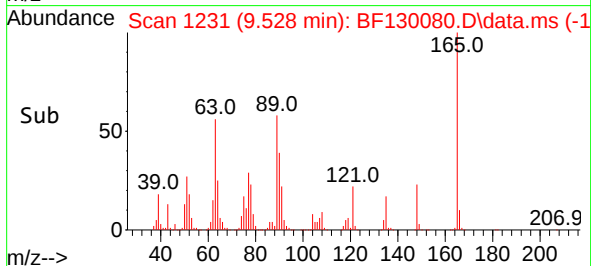
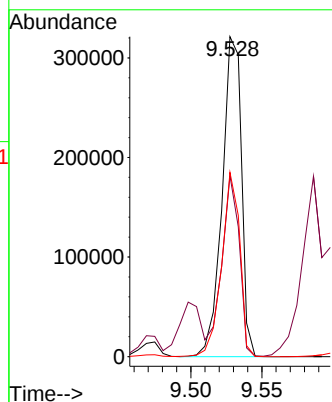
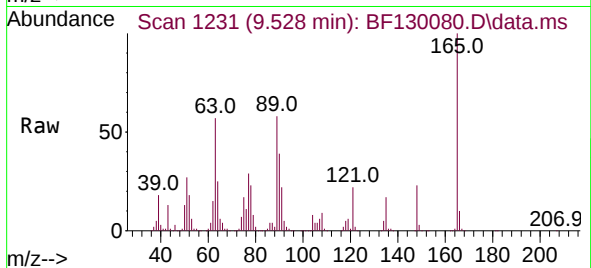
#51  
2,6-Dinitrotoluene  
Concen: 44.840 ng  
RT: 9.528 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 30433  
Ion Ratio Lower Upper  
165 100  
63 56.6 47.8 71.8  
89 57.6 47.2 70.8

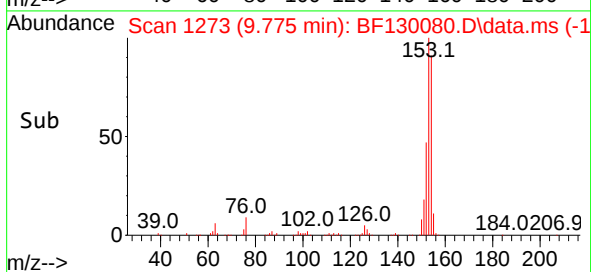
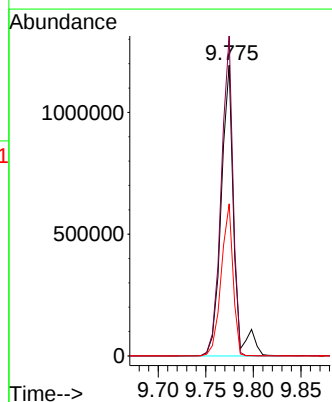
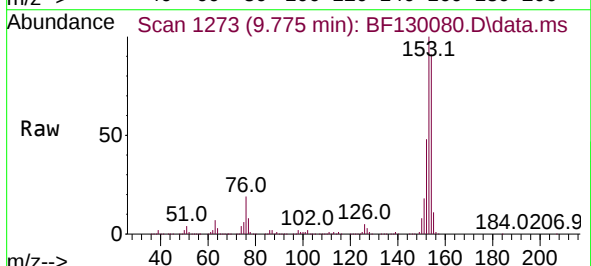
Manual Integrations  
APPROVED

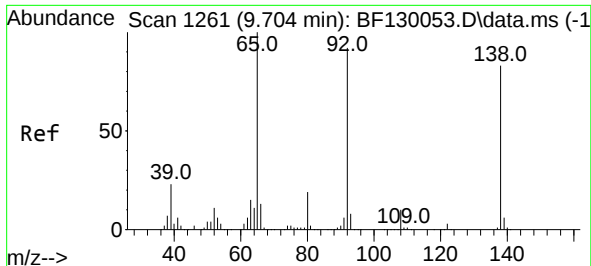
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#52  
Acenaphthene  
Concen: 38.901 ng m  
RT: 9.775 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

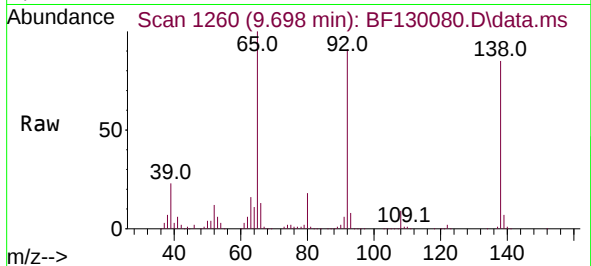
Tgt Ion:154 Resp: 1107579  
Ion Ratio Lower Upper  
154 100  
153 110.1 89.8 134.6  
152 52.3 42.1 63.1





#53  
3-Nitroaniline  
Concen: 46.228 ng  
RT: 9.698 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

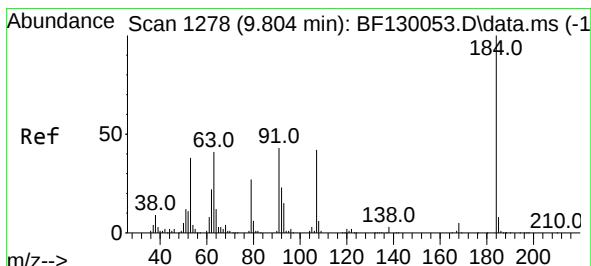
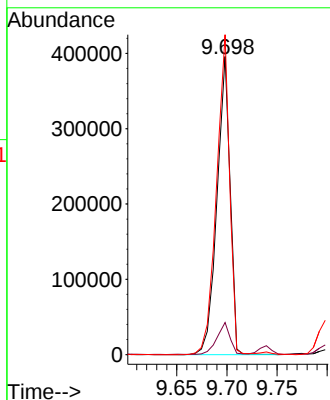
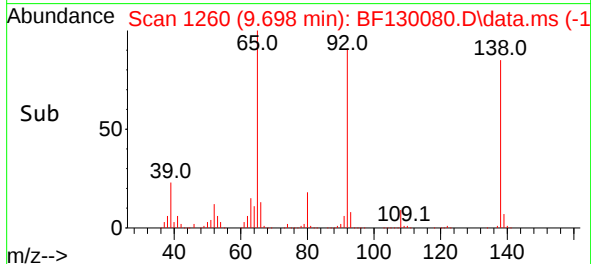
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



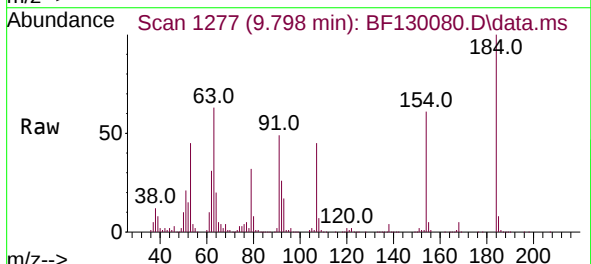
Tgt Ion:138 Resp: 360131  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.4 12.6  
92 107.3 89.8 134.8

Manual Integrations  
APPROVED

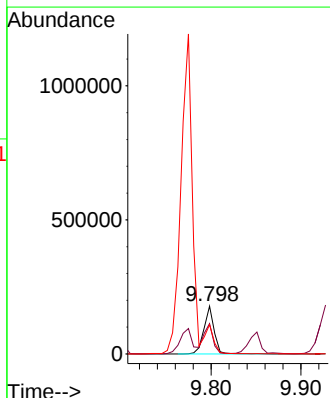
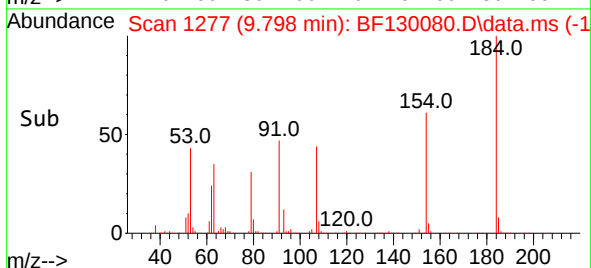
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

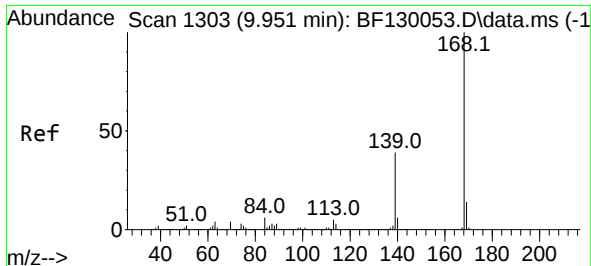


#54  
2,4-Dinitrophenol  
Concen: 49.101 ng  
RT: 9.798 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



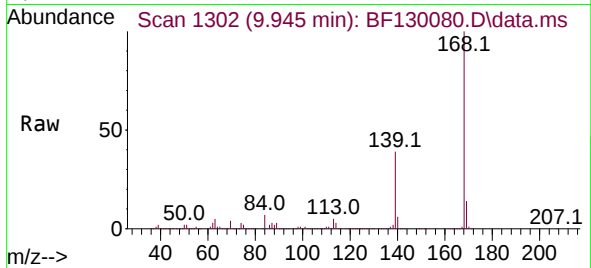
Tgt Ion:184 Resp: 140584  
Ion Ratio Lower Upper  
184 100  
63 63.4 59.6 89.4  
154 61.0 55.3 82.9





#55  
Dibenzofuran  
Concen: 38.204 ng  
RT: 9.945 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

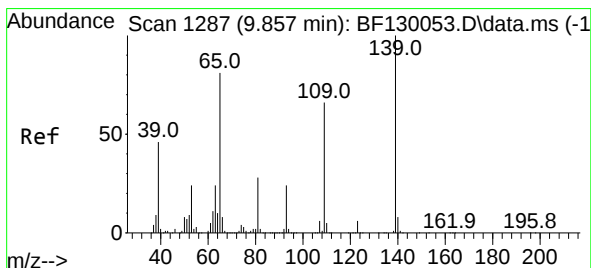
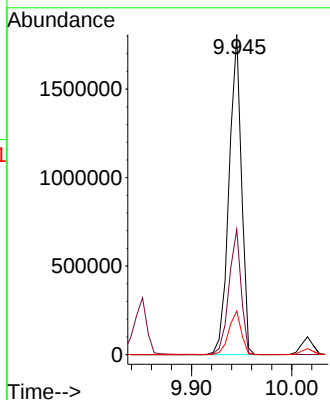
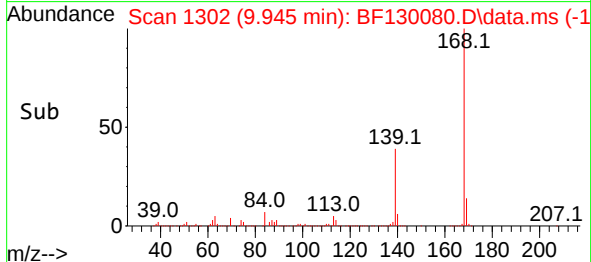
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 155758  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.3 46.9  
169 13.6 10.7 16.1

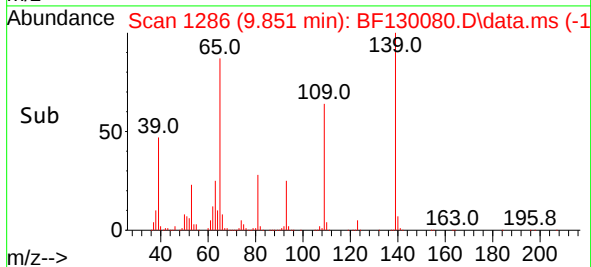
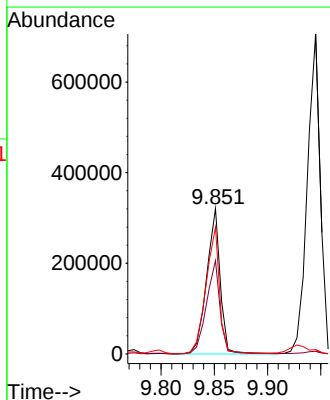
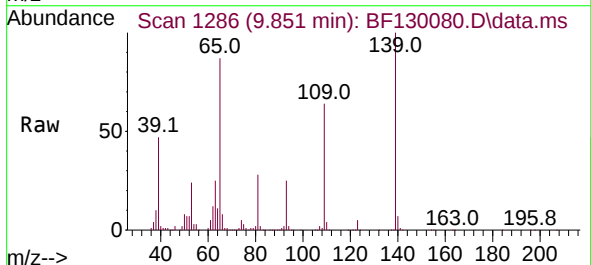
Manual Integrations  
APPROVED

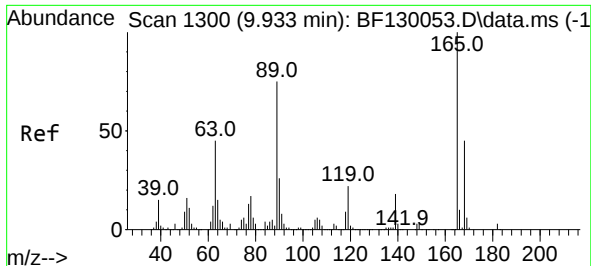
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#56  
4-Nitrophenol  
Concen: 47.371 ng  
RT: 9.851 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:139 Resp: 284513  
Ion Ratio Lower Upper  
139 100  
109 64.2 52.9 92.9  
65 87.1 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 50.666 ng

RT: 9.928 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 395919

Ion Ratio Lower Upper

165 100

63 43.9 48.4 72.6

89 72.0 62.3 93.5

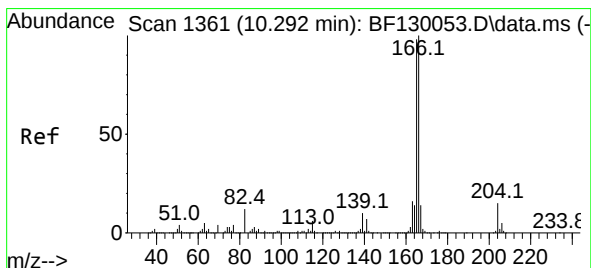
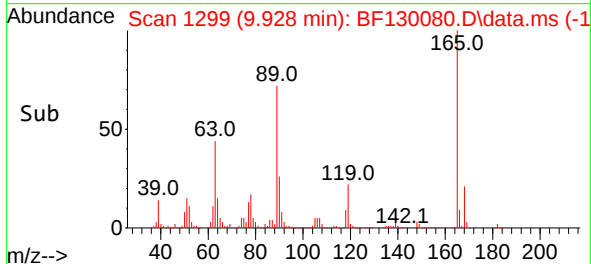
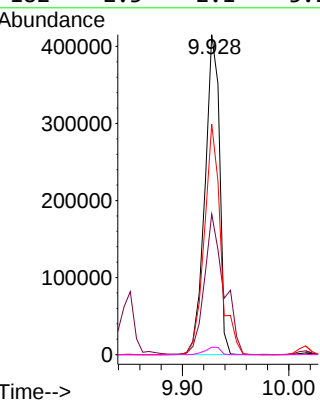
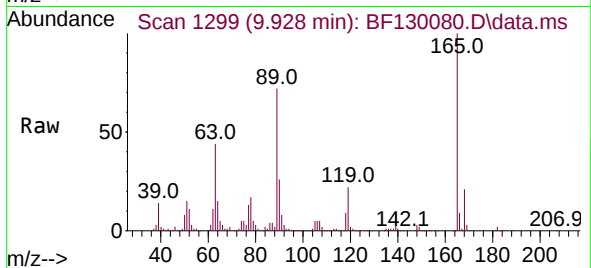
182 2.3 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#58

Fluorene

Concen: 37.562 ng

RT: 10.286 min Scan# 1360

Delta R.T. -0.006 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

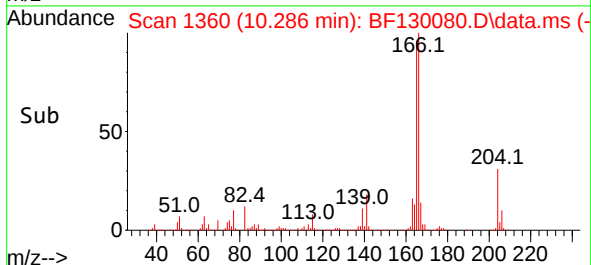
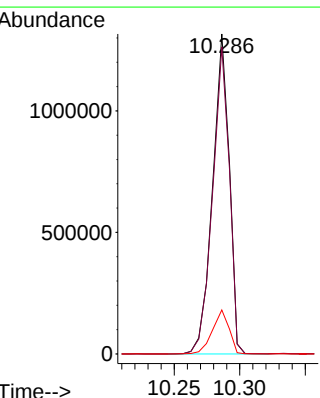
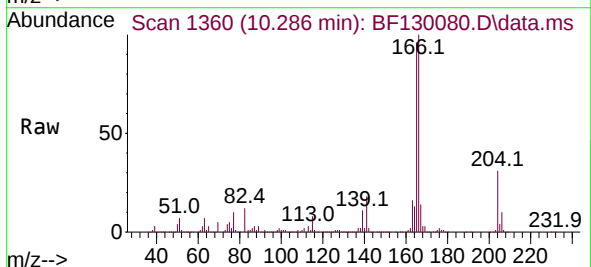
Tgt Ion:166 Resp: 1165223

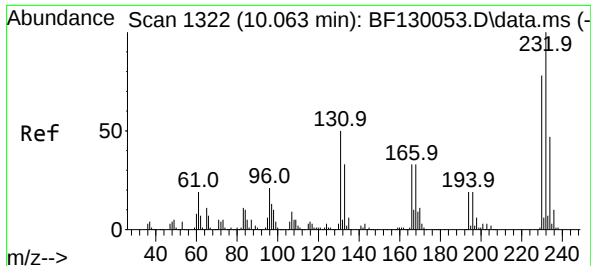
Ion Ratio Lower Upper

166 100

165 95.9 77.9 116.9

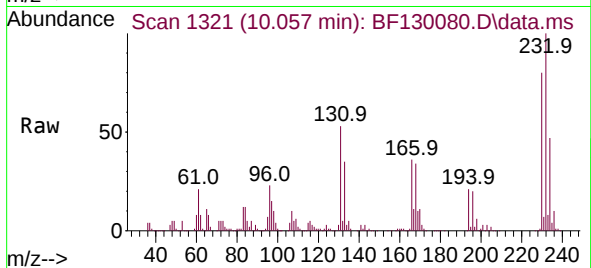
167 13.7 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.523 ng  
RT: 10.057 min Scan# 1322  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

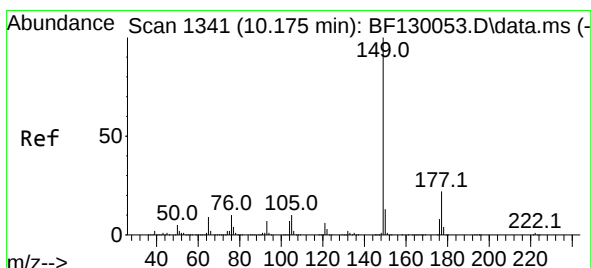
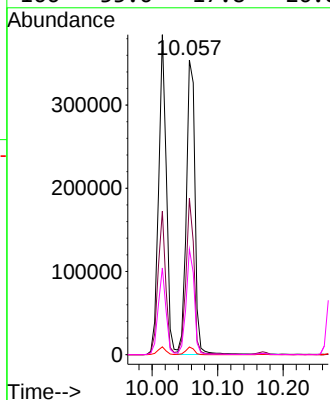
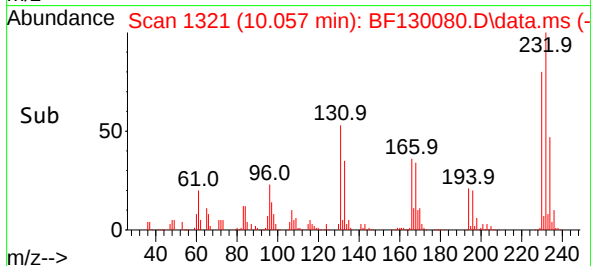
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



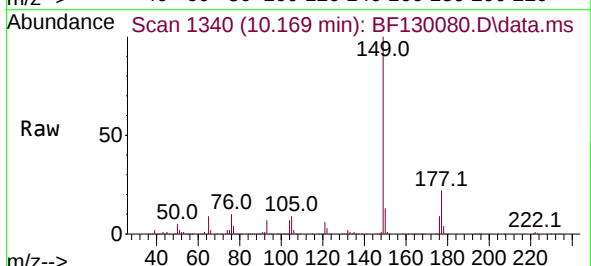
Tgt Ion:232 Resp: 324523  
Ion Ratio Lower Upper  
232 100  
131 49.3 29.9 44.9  
130 2.4 1.5 2.3  
166 33.6 17.8 26.8

Manual Integrations  
APPROVED

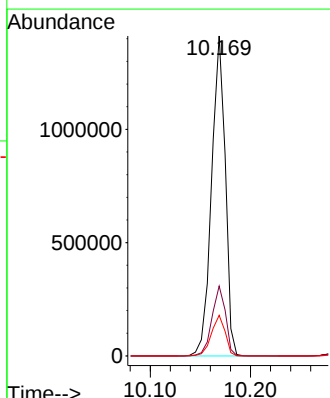
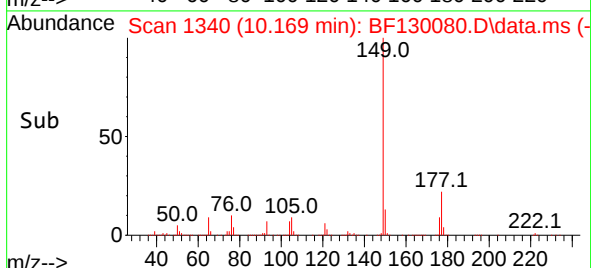
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

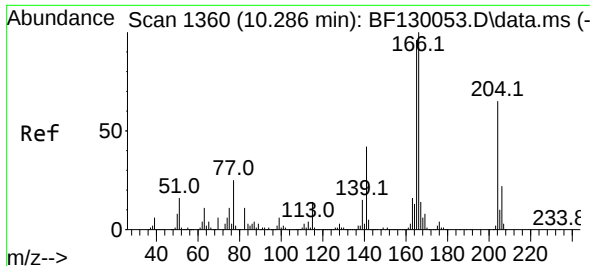


#60  
Diethylphthalate  
Concen: 39.817 ng  
RT: 10.169 min Scan# 1340  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:149 Resp: 1340932  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.7 26.5  
150 12.7 10.1 15.1





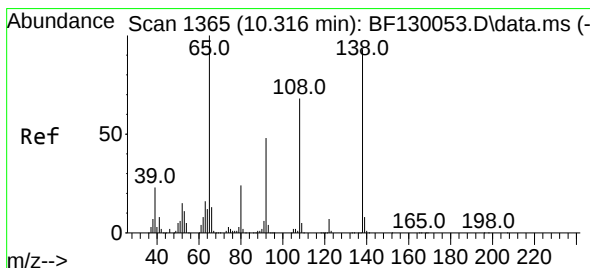
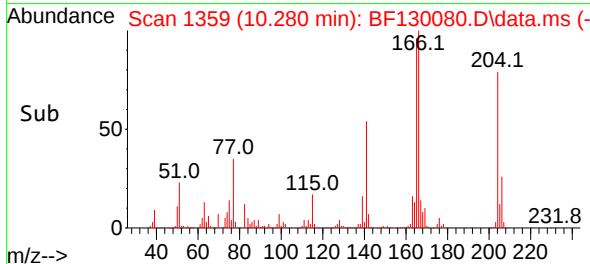
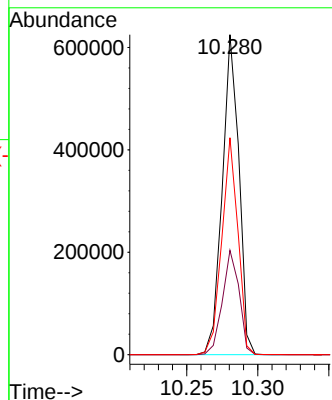
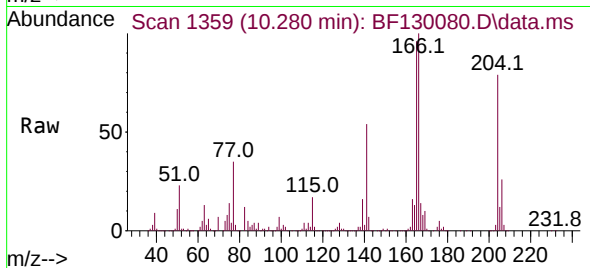
#61  
4-Chlorophenyl-phenylether  
Concen: 37.031 ng  
RT: 10.280 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 507809  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 67.8 52.6 79.0

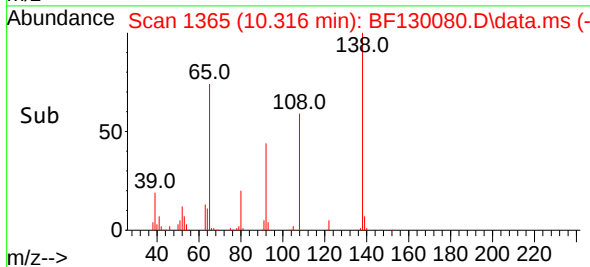
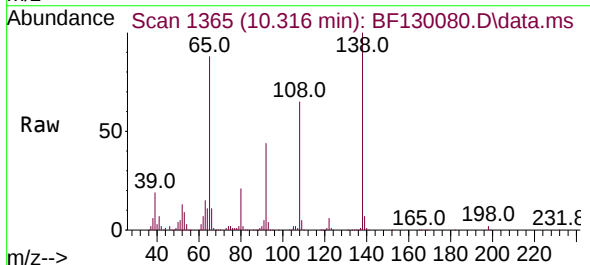
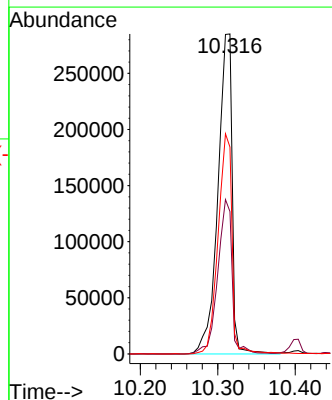
Manual Integrations  
APPROVED

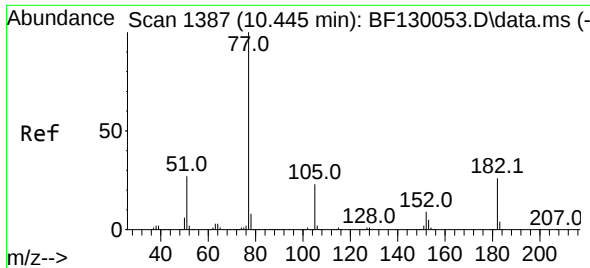
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#62  
4-Nitroaniline  
Concen: 48.092 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Tgt Ion:138 Resp: 364367  
Ion Ratio Lower Upper  
138 100  
92 44.5 30.3 70.3  
108 64.6 55.7 95.7





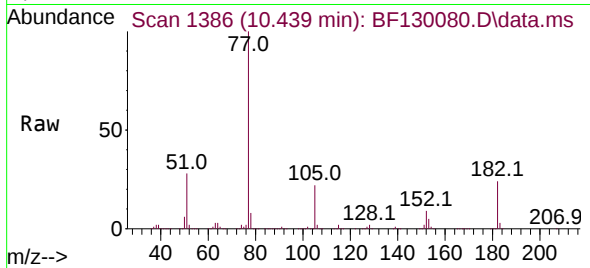
#63  
Azobenzene  
Concen: 38.383 ng  
RT: 10.439 min Scan# 1387  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

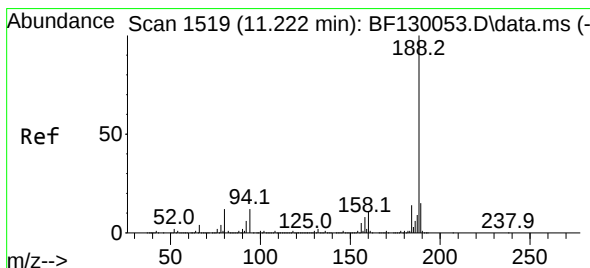
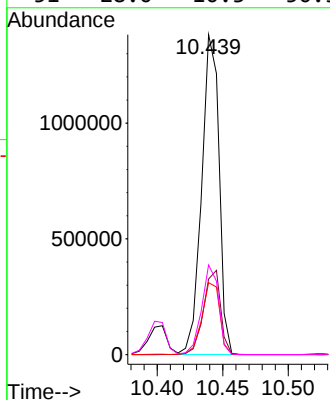
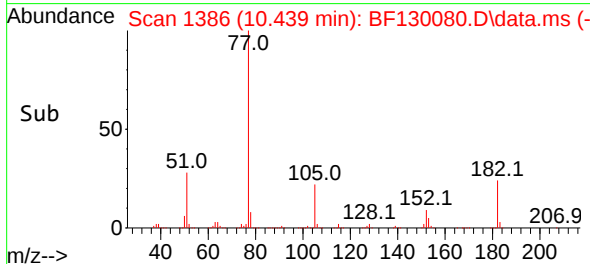


Tgt Ion: 77 Resp: 127273  
Ion Ratio Lower Upper  
77 100  
182 23.6 2.2 42.2  
105 22.5 0.8 40.8  
51 28.0 10.3 50.3

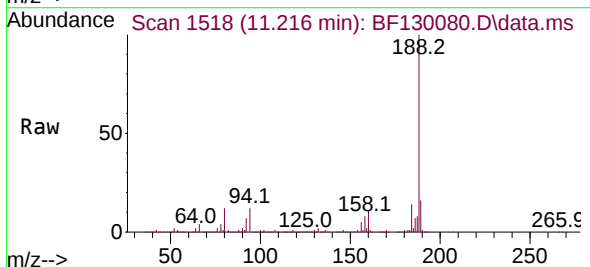
Manual Integrations

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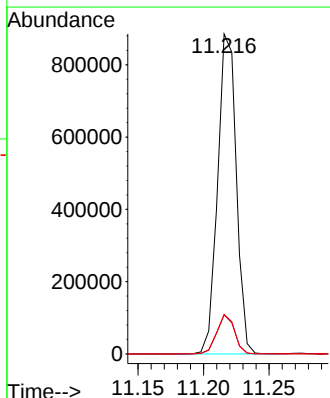
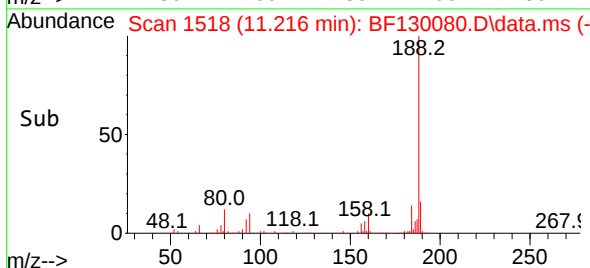
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

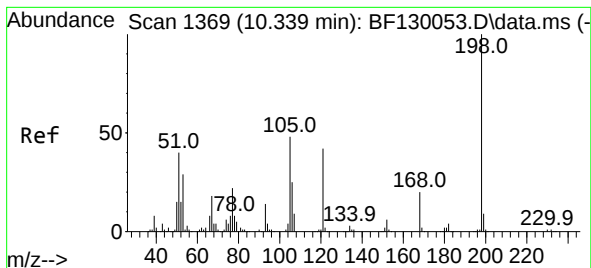


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.216 min Scan# 1518  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:188 Resp: 880840  
Ion Ratio Lower Upper  
188 100  
94 12.2 7.4 11.2#  
80 12.3 7.9 11.9#





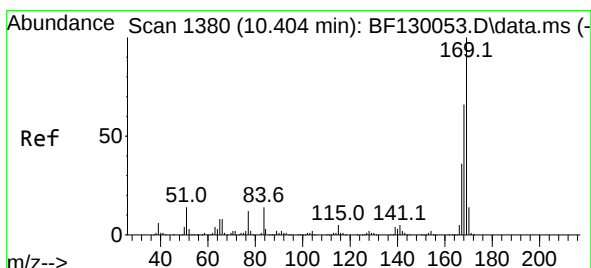
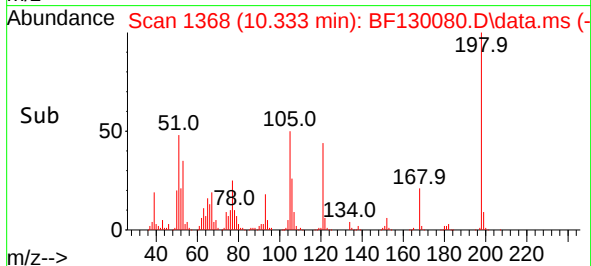
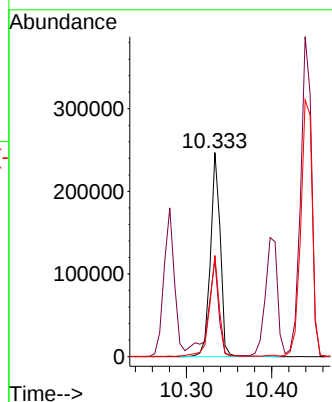
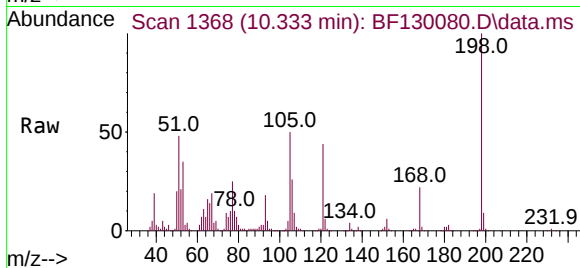
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.697 ng  
RT: 10.333 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 197608  
Ion Ratio Lower Upper  
198 100  
51 47.6 29.4 69.4  
105 49.5 29.2 69.2

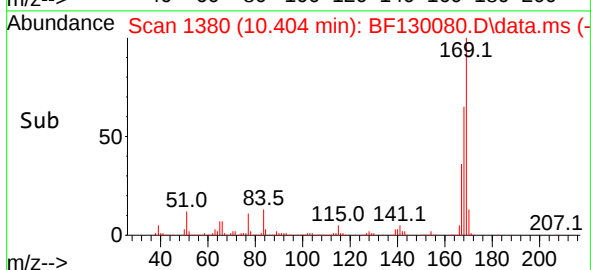
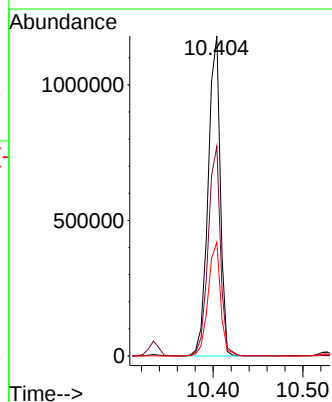
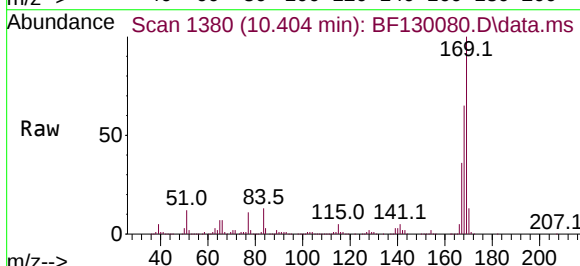
Manual Integrations  
APPROVED

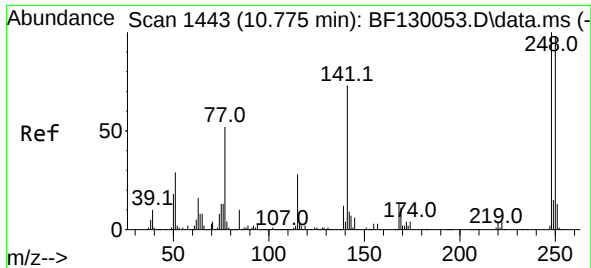
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#66  
n-Nitrosodiphenylamine  
Concen: 37.578 ng  
RT: 10.404 min Scan# 1380  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

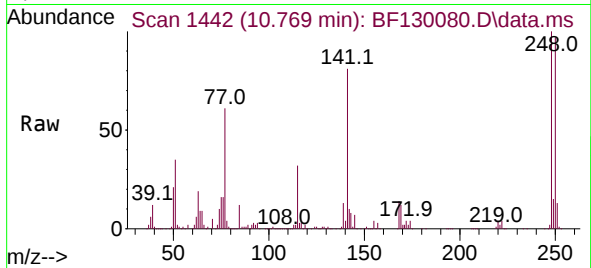
Tgt Ion:169 Resp: 1106509  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.4 80.2  
167 35.6 29.1 43.7





#67  
4-Bromophenyl-phenylether  
Concen: 37.546 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

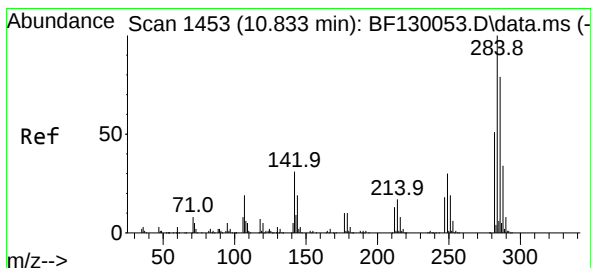
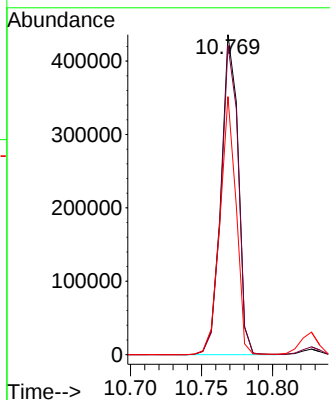
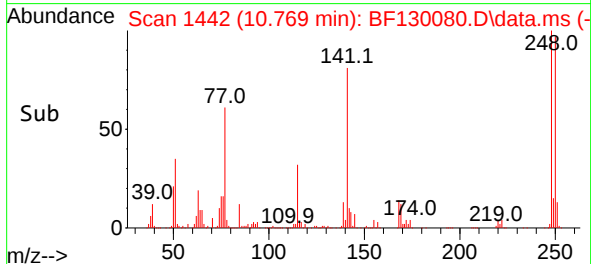
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



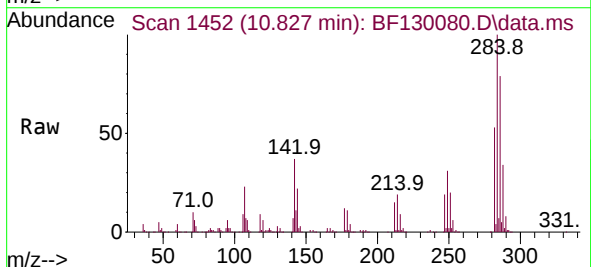
Tgt Ion:248 Resp: 367861  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.8 116.6  
141 80.6 66.2 99.2

Manual Integrations  
APPROVED

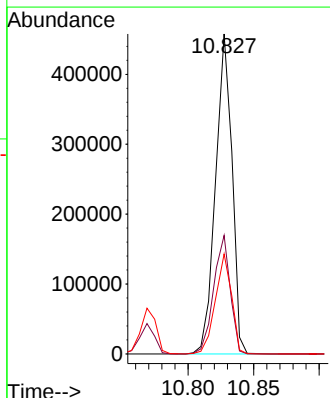
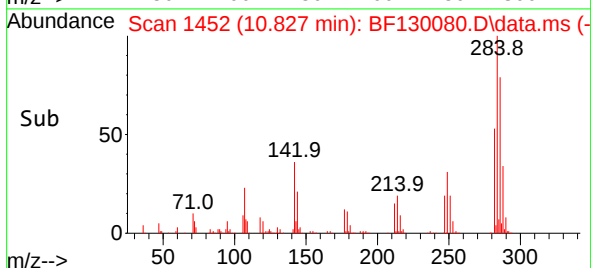
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

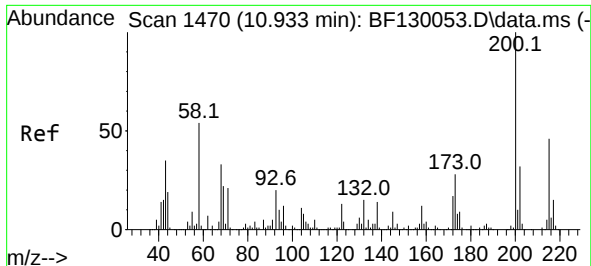


#68  
Hexachlorobenzene  
Concen: 37.406 ng  
RT: 10.827 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



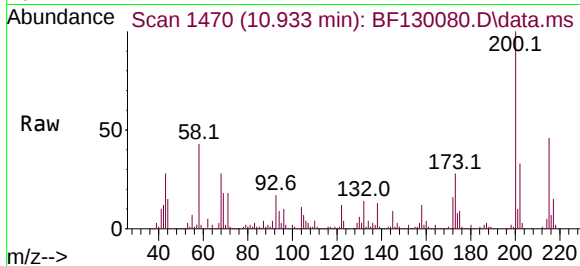
Tgt Ion:284 Resp: 399338  
Ion Ratio Lower Upper  
284 100  
142 37.1 31.4 47.0  
249 31.3 25.7 38.5





#69  
Atrazine  
Concen: 40.018 ng  
RT: 10.933 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

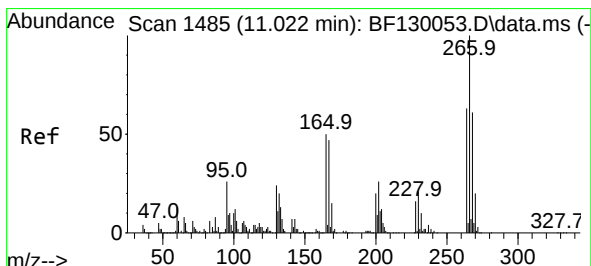
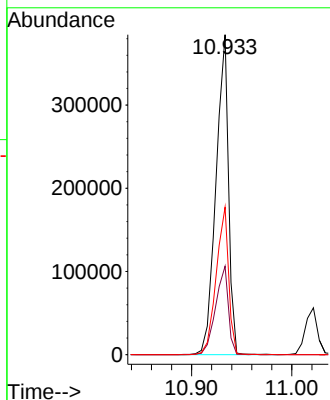
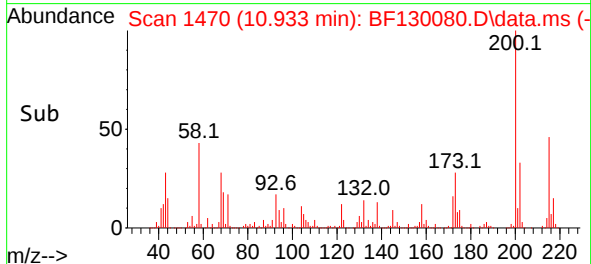
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



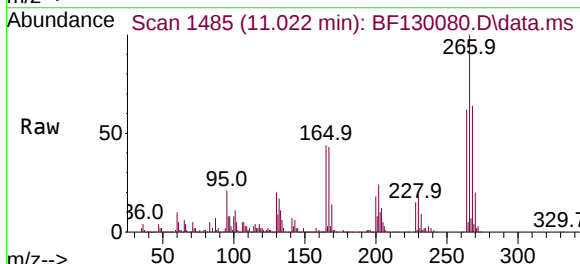
Tgt Ion:200 Resp: 333362  
Ion Ratio Lower Upper  
200 100  
173 27.6 6.4 46.4  
215 46.1 27.1 67.1

Manual Integrations  
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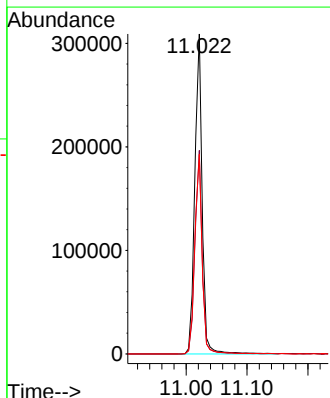
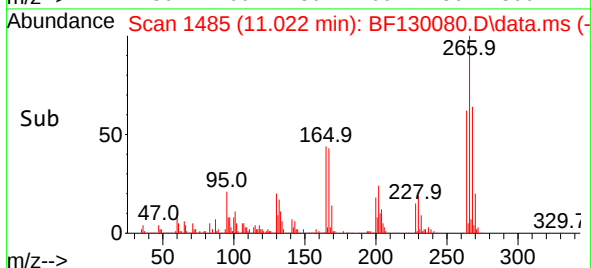
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

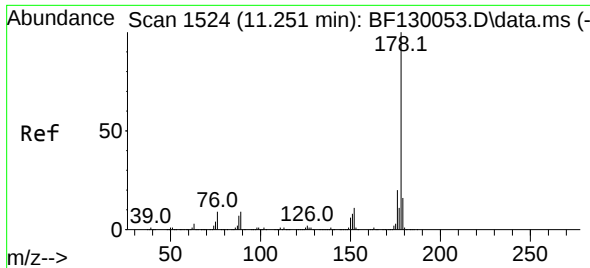


#70  
Pentachlorophenol  
Concen: 43.631 ng  
RT: 11.022 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



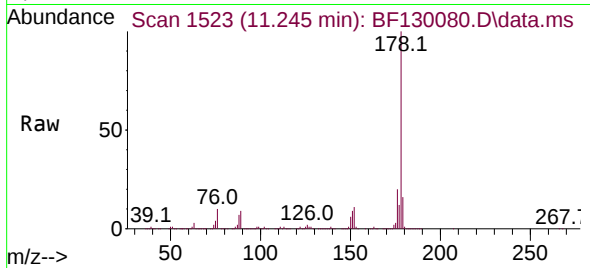
Tgt Ion:266 Resp: 260467  
Ion Ratio Lower Upper  
266 100  
268 63.6 49.0 73.4  
264 62.4 47.9 71.9





#71  
Phenanthrene  
Concen: 37.281 ng  
RT: 11.245 min Scan# 11245  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

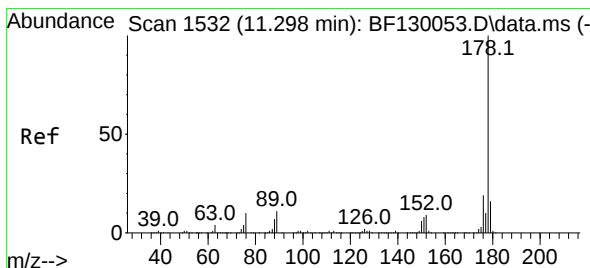
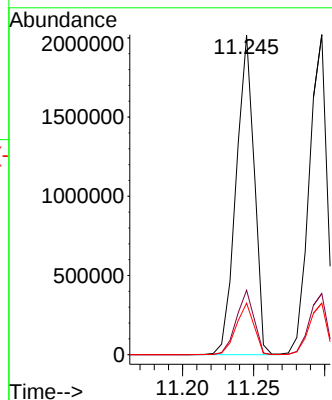
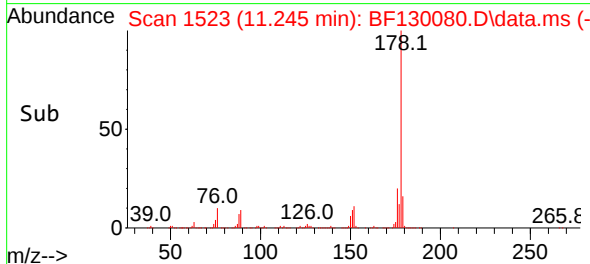
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 1780879  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.5 23.3  
179 16.1 12.5 18.7

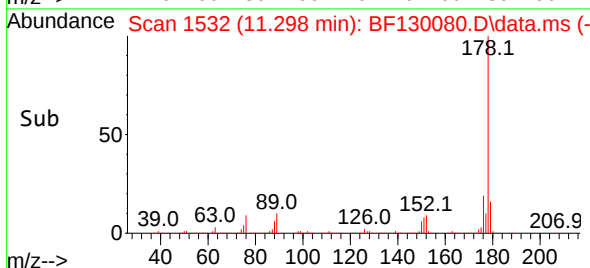
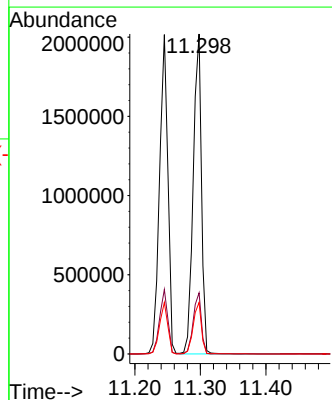
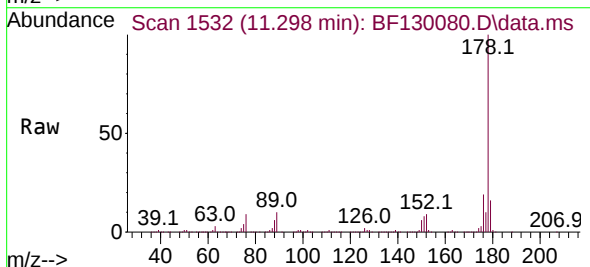
Manual Integrations  
APPROVED

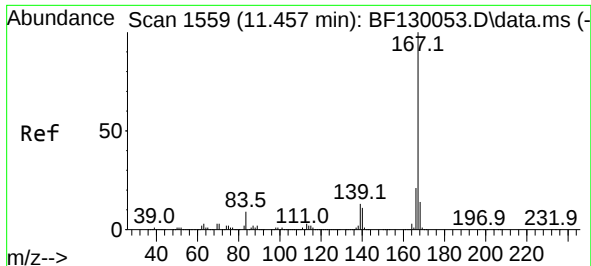
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#72  
Anthracene  
Concen: 37.658 ng  
RT: 11.298 min Scan# 1532  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

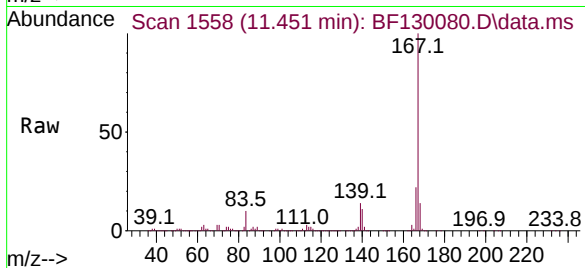
Tgt Ion:178 Resp: 1768385  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.1 22.7  
179 16.1 12.6 18.8





#73  
 Carbazole  
 Concen: 39.123 ng  
 RT: 11.451 min Scan# 1558  
 Delta R.T. -0.006 min  
 Lab File: BF130080.D  
 Acq: 01 Sep 2022 16:26

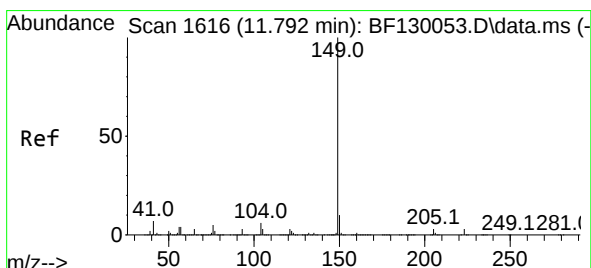
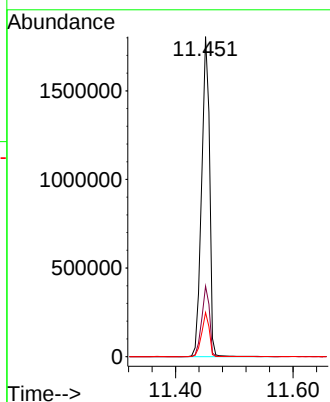
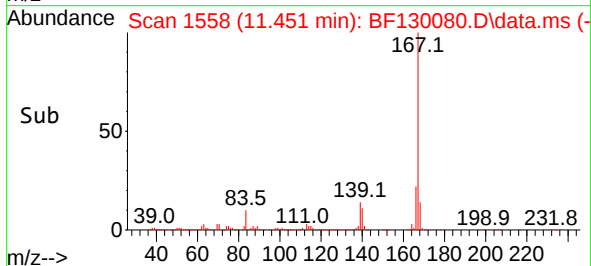
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



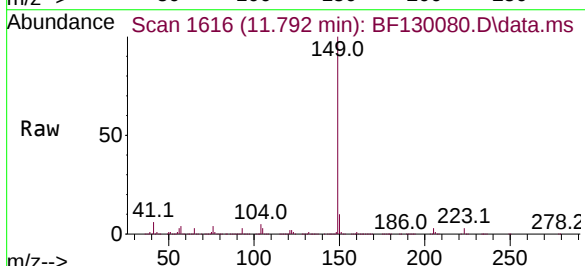
Tgt Ion:167 Resp: 1694166  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.1 25.7  
 139 13.8 11.0 16.6

Manual Integrations  
 APPROVED

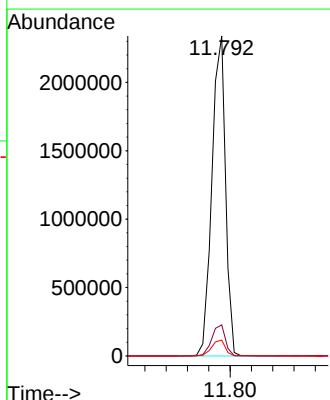
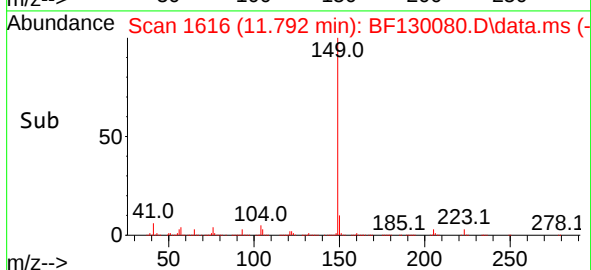
Reviewed By :Christian Giraldo 09/02/2022  
 Supervised By :Jagrut Upadhyay 09/02/2022

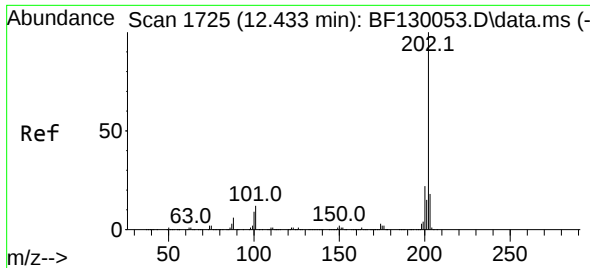


#74  
 Di-n-butylphthalate  
 Concen: 39.804 ng  
 RT: 11.792 min Scan# 1616  
 Delta R.T. -0.000 min  
 Lab File: BF130080.D  
 Acq: 01 Sep 2022 16:26



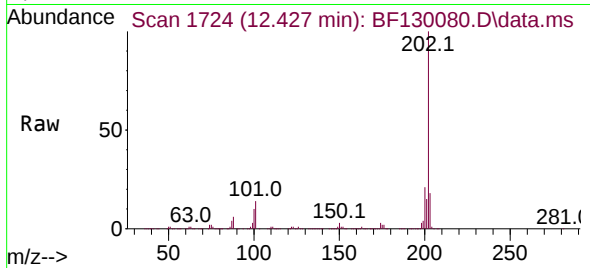
Tgt Ion:149 Resp: 2078460  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.6  
 104 4.9 4.2 6.4





#75  
Fluoranthene  
Concen: 38.965 ng  
RT: 12.427 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

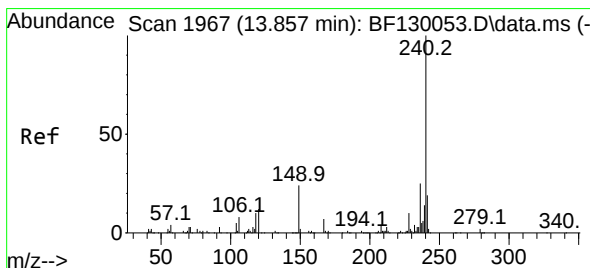
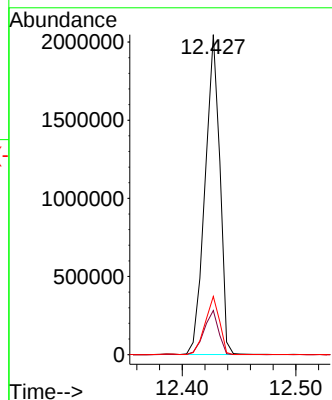
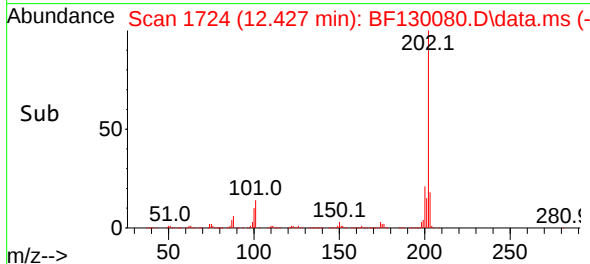
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



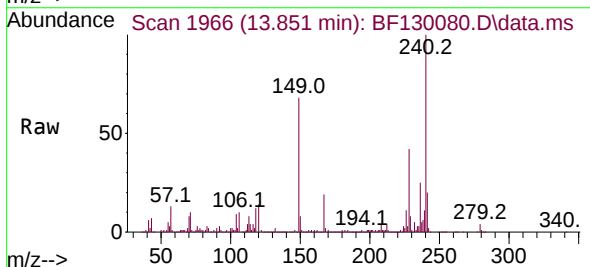
Tgt Ion:202 Resp: 1845736  
Ion Ratio Lower Upper  
202 100  
101 13.8 0.0 30.7  
203 18.2 0.0 37.5

Manual Integrations  
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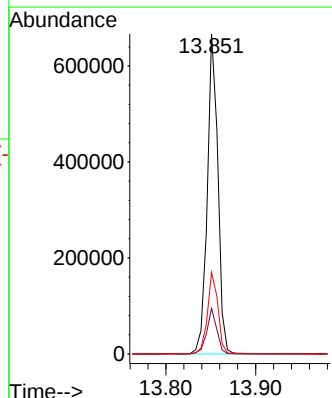
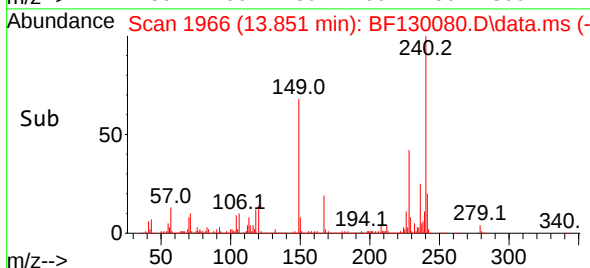
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

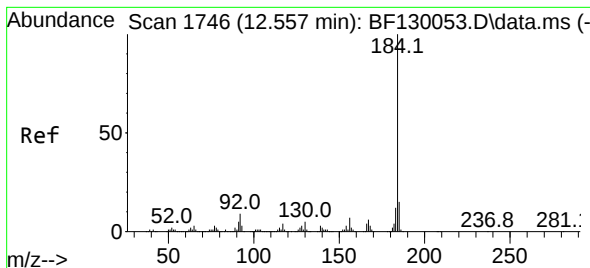


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion:240 Resp: 546405  
Ion Ratio Lower Upper  
240 100  
120 14.2 9.2 13.8#  
236 25.4 20.7 31.1





#77

Benzidine

Concen: 49.243 ng

RT: 12.557 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 726452

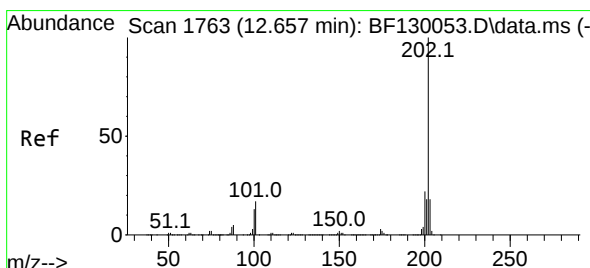
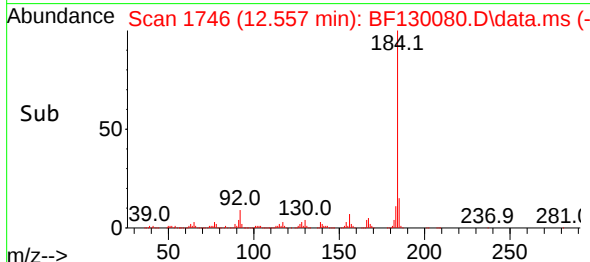
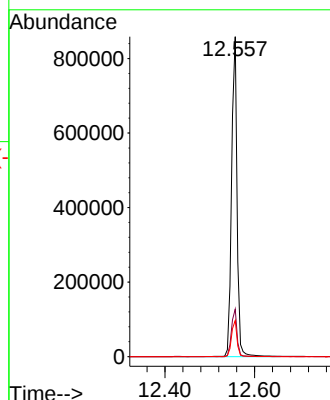
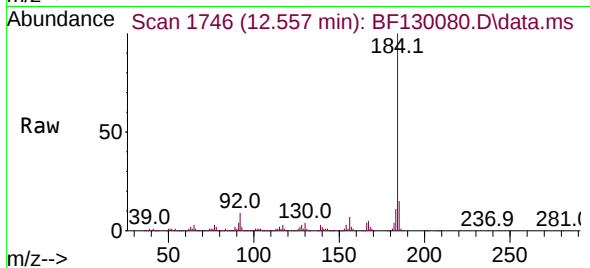
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 11.4  | 17.2  |
| 183 | 11.3  | 9.4   | 14.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#78

Pyrene

Concen: 37.750 ng

RT: 12.657 min Scan# 1763

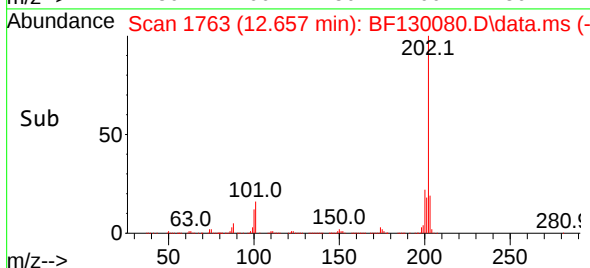
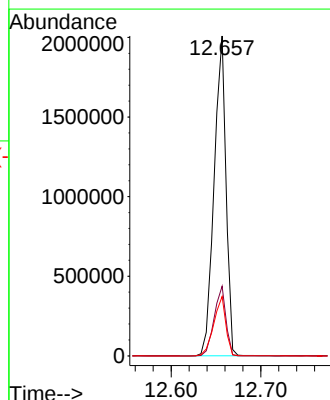
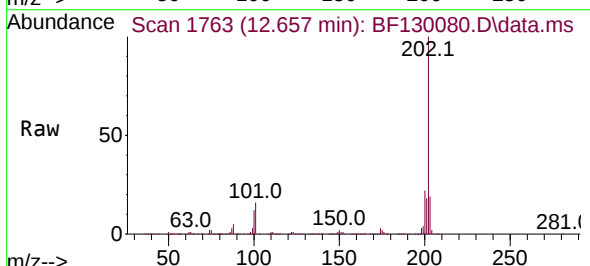
Delta R.T. -0.000 min

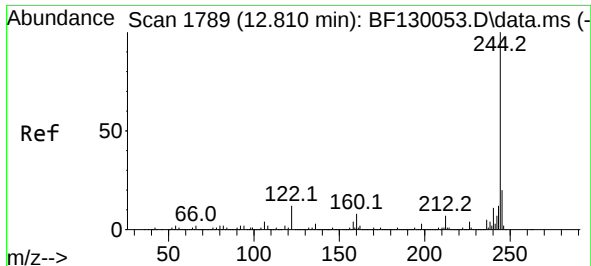
Lab File: BF130080.D

Acq: 01 Sep 2022 16:26

Tgt Ion:202 Resp: 1850107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.8  | 17.0  | 25.6  |
| 203 | 18.6  | 14.1  | 21.1  |





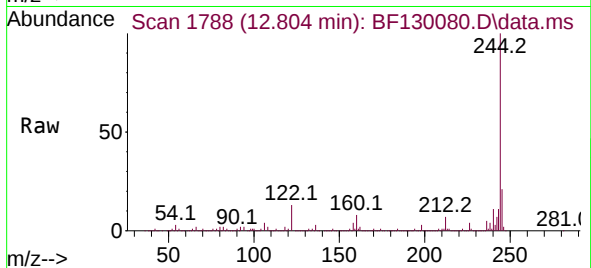
#79  
 Terphenyl-d14  
 Concen: 75.647 ng  
 RT: 12.804 min Scan# 1789  
 Delta R.T. -0.006 min  
 Lab File: BF130080.D  
 Acq: 01 Sep 2022 16:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

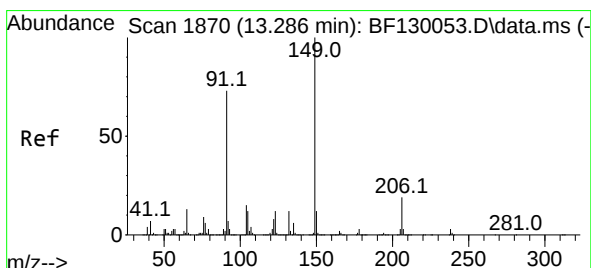
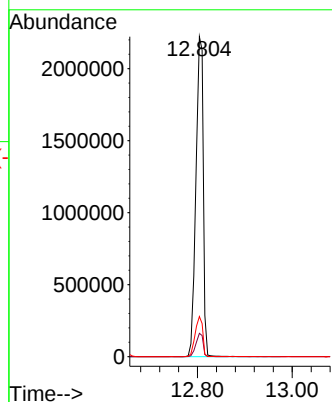
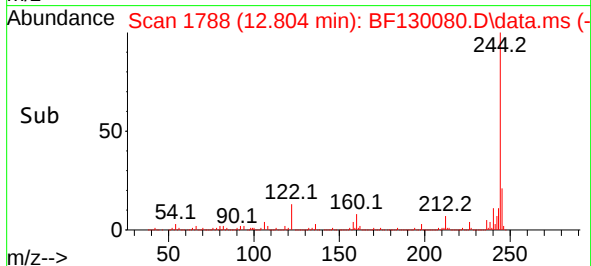


Tgt Ion:244 Resp: 2383578  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 12.5 9.9 14.9

Manual Integrations

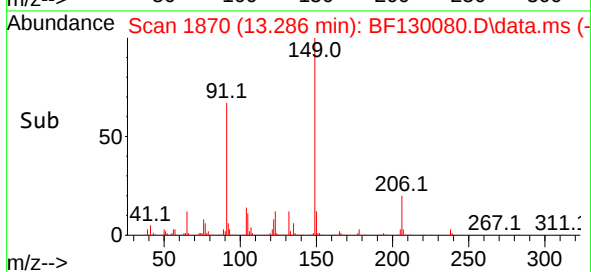
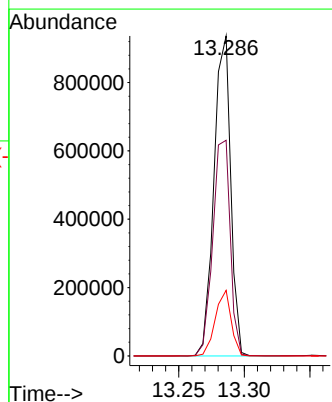
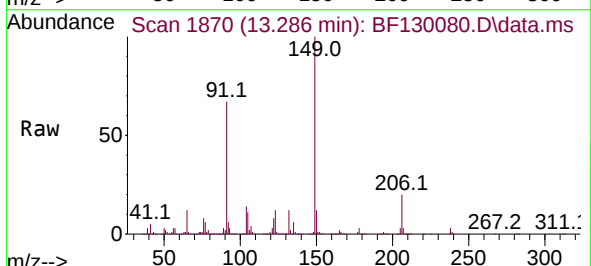
APPROVED

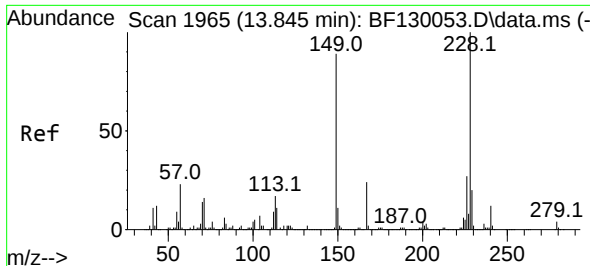
Reviewed By :Christian Giraldo 09/02/2022  
 Supervised By :Jagrut Upadhyay 09/02/2022



#80  
 Butylbenzylphthalate  
 Concen: 42.791 ng  
 RT: 13.286 min Scan# 1870  
 Delta R.T. -0.000 min  
 Lab File: BF130080.D  
 Acq: 01 Sep 2022 16:26

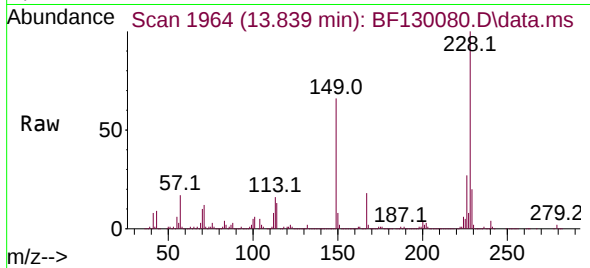
Tgt Ion:149 Resp: 834145  
 Ion Ratio Lower Upper  
 149 100  
 91 67.4 55.4 83.0  
 206 20.5 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 37.170 ng  
RT: 13.839 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

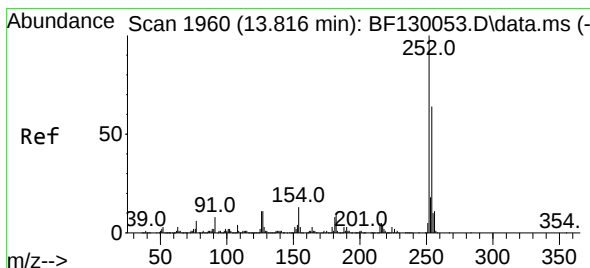
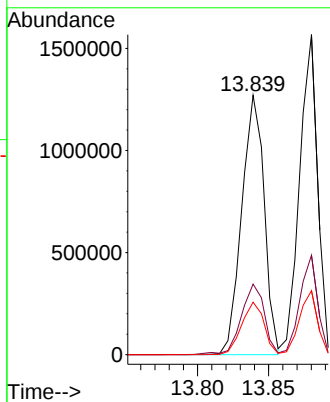
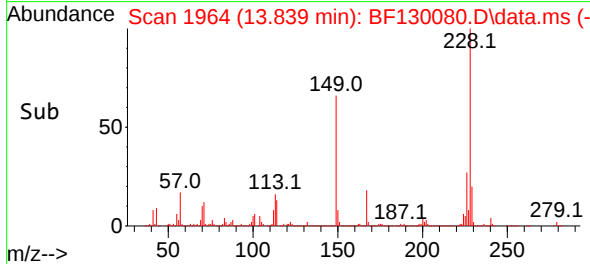
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



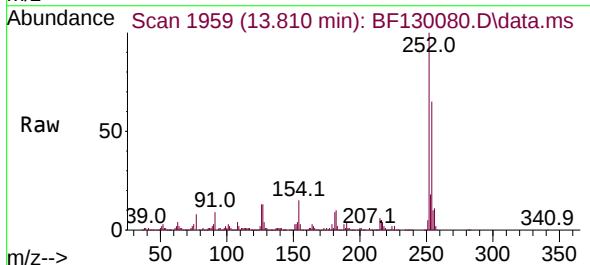
Tgt Ion:228 Resp: 1391849  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.0  
229 20.2 16.1 24.1

Manual Integrations  
APPROVED

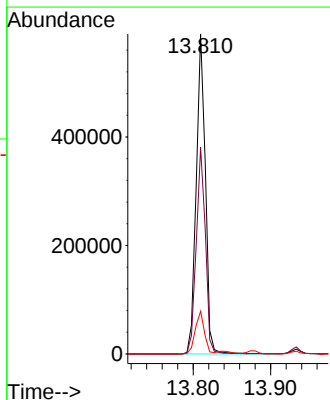
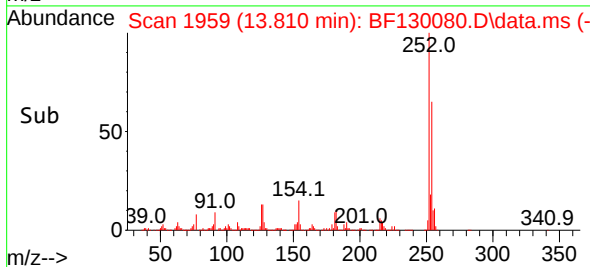
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022

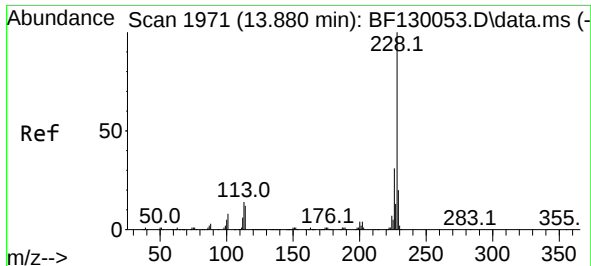


#82  
3,3'-Dichlorobenzidine  
Concen: 41.406 ng  
RT: 13.810 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



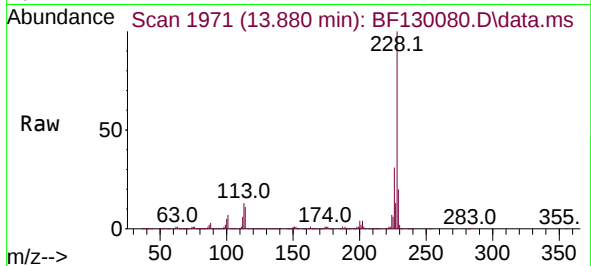
Tgt Ion:252 Resp: 483513  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.4 77.2  
126 13.3 10.2 15.4





#83  
Chrysene  
Concen: 37.658 ng  
RT: 13.880 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

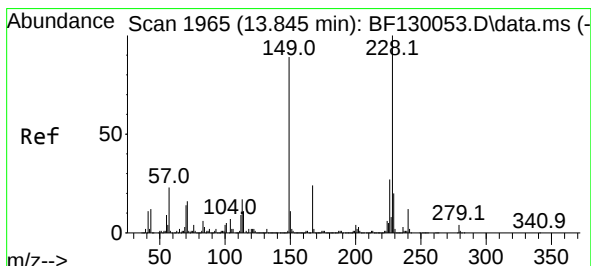
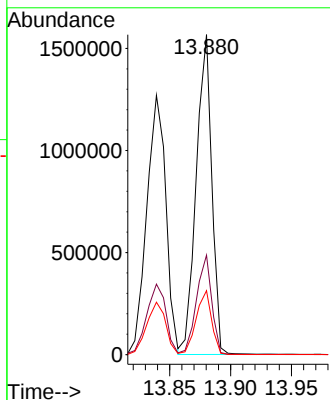
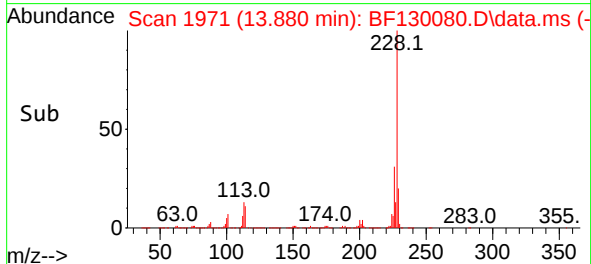
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 1390269  
Ion Ratio Lower Upper  
228 100  
226 31.1 24.4 36.6  
229 20.0 15.9 23.9

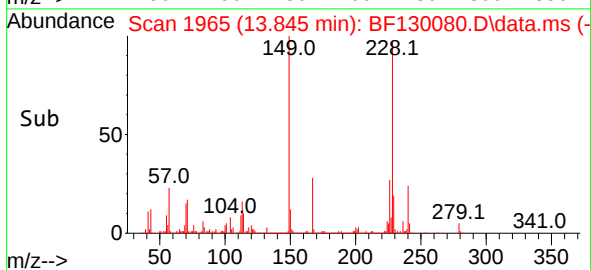
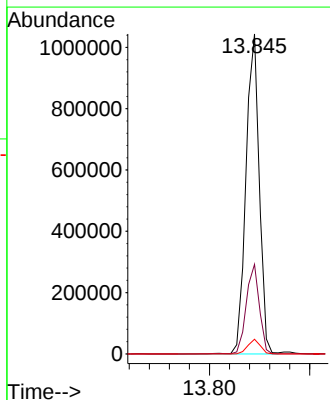
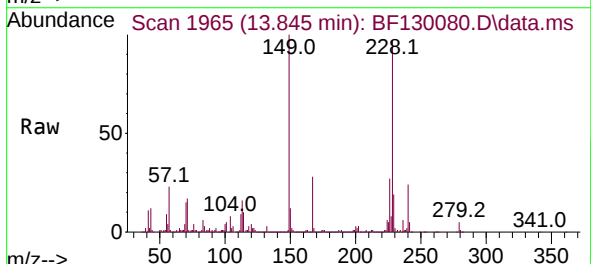
Manual Integrations  
APPROVED

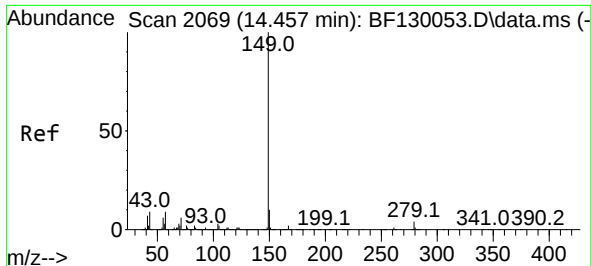
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.417 ng  
RT: 13.845 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

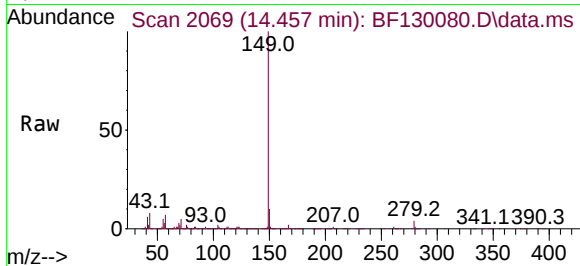
Tgt Ion:149 Resp: 955110  
Ion Ratio Lower Upper  
149 100  
167 28.0 22.0 33.0  
279 4.6 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 39.185 ng  
RT: 14.457 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

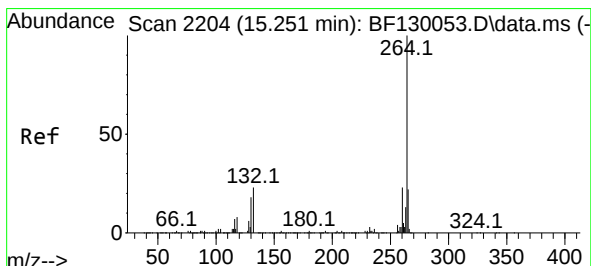
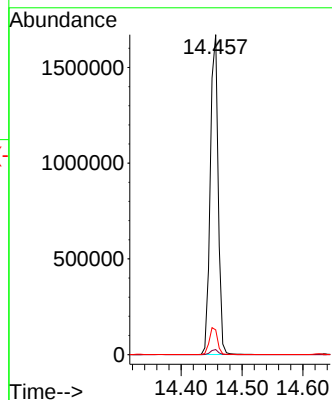
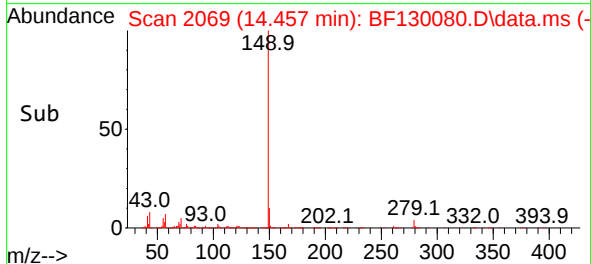
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 1499822  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.9 7.8 11.6

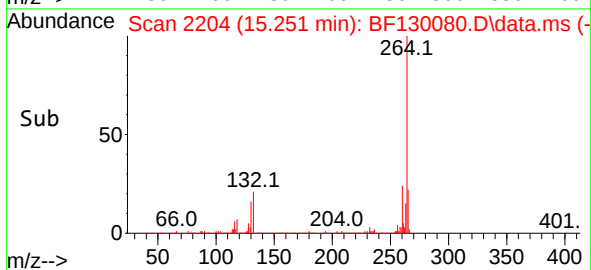
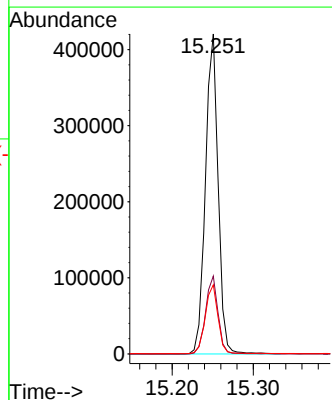
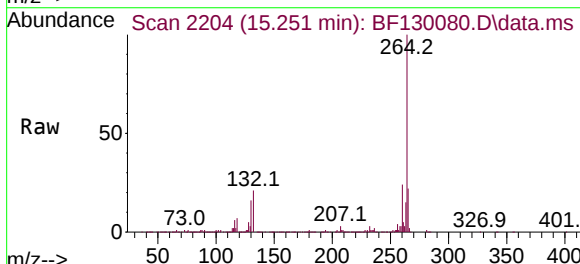
Manual Integrations  
APPROVED

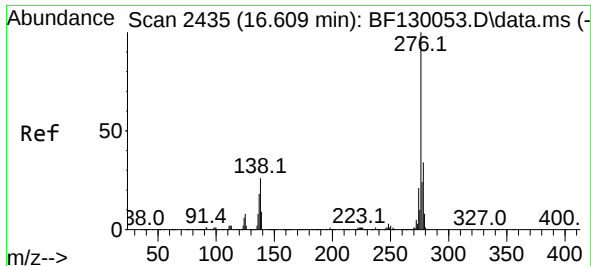
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.251 min Scan# 2204  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

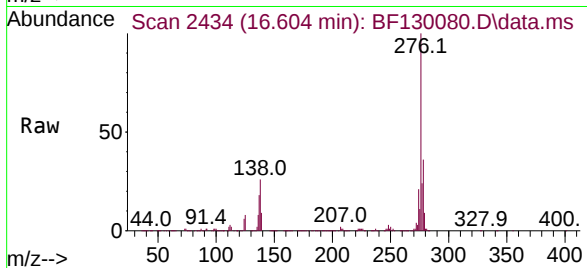
Tgt Ion:264 Resp: 456905  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.1 28.7  
265 21.6 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.836 ng  
RT: 16.604 min Scan# 2435  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

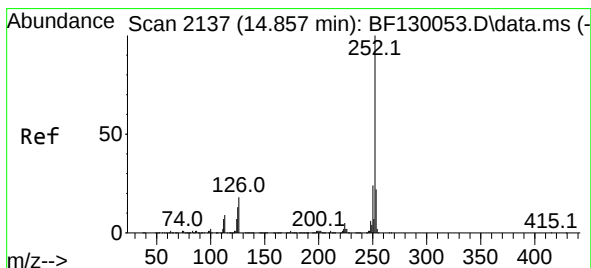
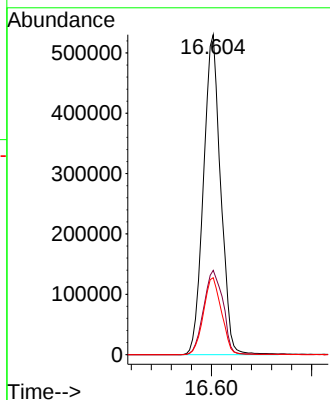
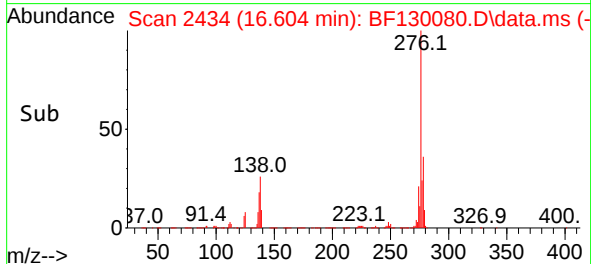
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 276 Resp: 126091  
Ion Ratio Lower Upper  
276 100  
138 29.5 19.8 29.8  
277 25.2 20.4 30.6

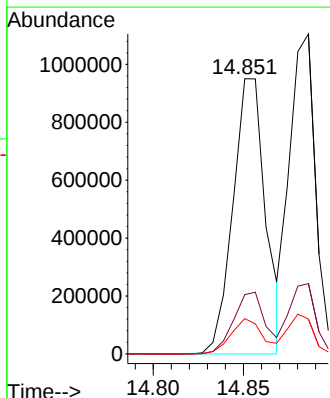
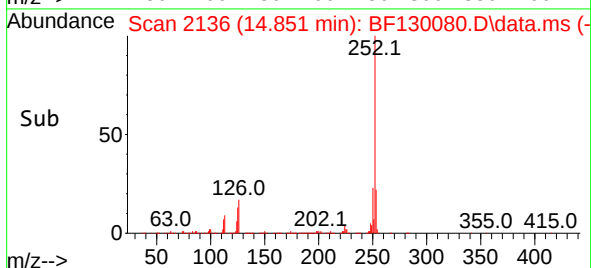
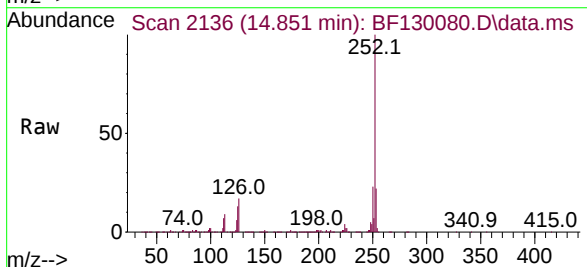
Manual Integrations  
APPROVED

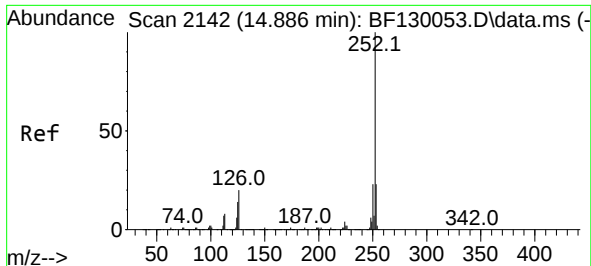
Reviewed By : Christian Giraldo 09/02/2022  
Supervised By : Jagrut Upadhyay 09/02/2022



#88  
Benzo(b)fluoranthene  
Concen: 39.277 ng m  
RT: 14.851 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

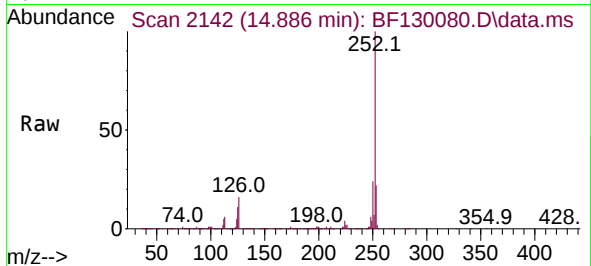
Tgt Ion: 252 Resp: 1196750  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 12.8 8.3 12.5#





#89  
Benzo(k)fluoranthene  
Concen: 37.838 ng  
RT: 14.886 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

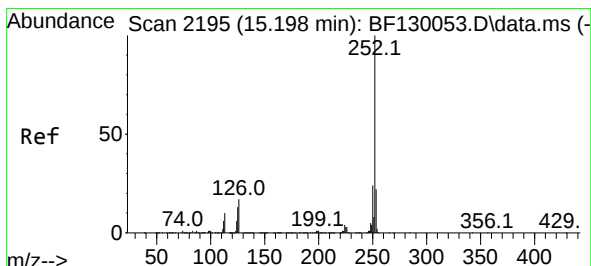
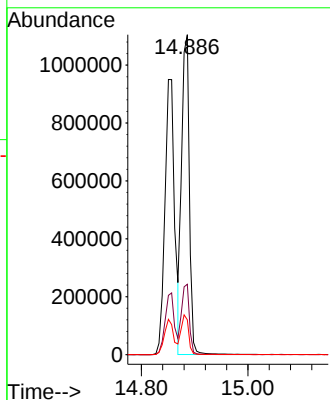
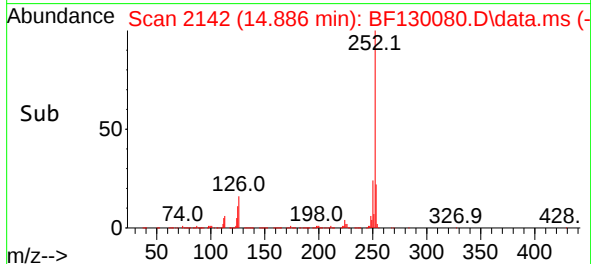
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 1115037  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.1 25.7  
125 10.9 8.3 12.5

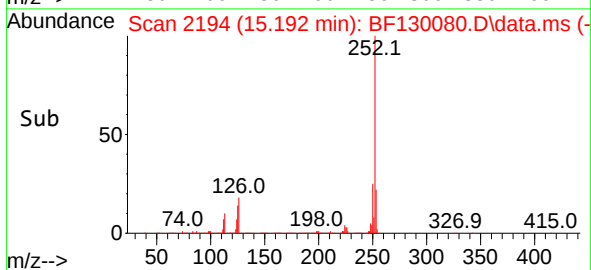
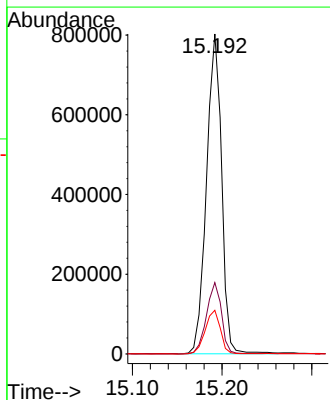
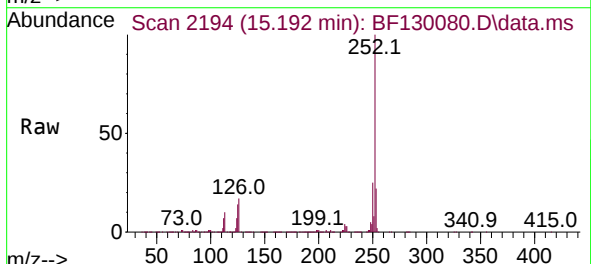
Manual Integrations  
APPROVED

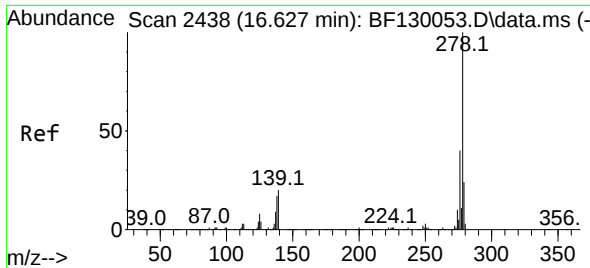
Reviewed By :Christian Giraldo 09/02/2022  
Supervised By :Jagrut Upadhyay 09/02/2022



#90  
Benzo(a)pyrene  
Concen: 38.771 ng  
RT: 15.192 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

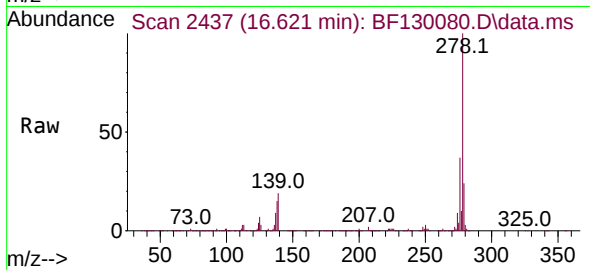
Tgt Ion:252 Resp: 938707  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 13.6 8.8 13.2#





#91  
Dibenzo(a,h)anthracene  
Concen: 42.040 ng  
RT: 16.621 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26

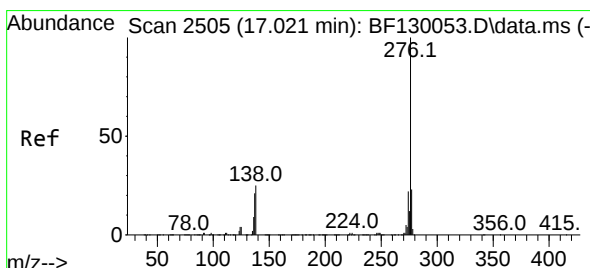
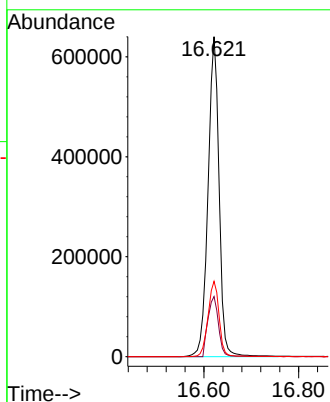
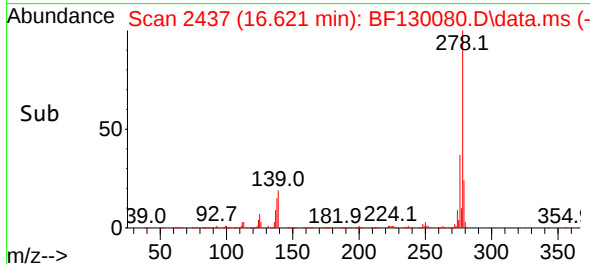
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



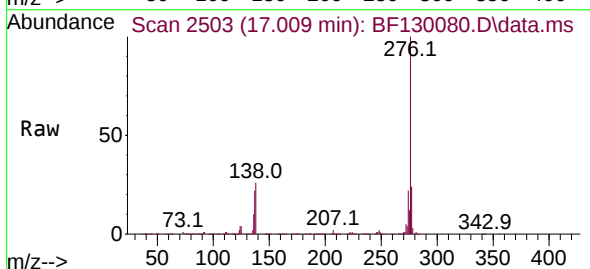
Tgt Ion: 278 Resp: 1036786  
Ion Ratio Lower Upper  
278 100  
139 18.8 12.2 18.4  
279 23.6 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 09/02/2022  
Supervised By : Jagrut Upadhyay 09/02/2022



#92  
Benzo(g,h,i)perylene  
Concen: 42.090 ng  
RT: 17.009 min Scan# 2503  
Delta R.T. -0.012 min  
Lab File: BF130080.D  
Acq: 01 Sep 2022 16:26



Tgt Ion: 276 Resp: 1038558  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.2 27.4  
138 26.2 15.8 23.8

