

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070522\  
 Data File : BF129118.D  
 Acq On : 05 Jul 2022 12:06  
 Operator : CG\JU  
 Sample : PB145980BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145980BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/06/2022  
 Supervised By : Jagrut Upadhyay 07/06/2022

Quant Time: Jul 05 16:36:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 461187   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 1774966  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 930290   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.498 | 188  | 1692227  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 1123318  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.669 | 264  | 956442   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.593  | 112  | 2828387  | 103.684 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.587  | 99   | 3499366  | 103.288 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 2252906  | 75.707  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 1183666  | 117.015 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 3860660  | 66.390  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.086 | 244  | 4361951  | 80.638  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.887  | 88   | 334972   | 27.543  | ng    | 87       |
| 3) Pyridine                   | 3.675  | 79   | 845077   | 28.453  | ng    | 83       |
| 4) n-Nitrosodimethylamine     | 3.611  | 42   | 506806   | 37.663  | ng    | # 75     |
| 6) Aniline                    | 6.622  | 93   | 1451366  | 38.305  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.746  | 128  | 1208805  | 42.177  | ng    | 95       |
| 9) Benzaldehyde               | 6.510  | 77   | 187532   | 8.528   | ng    | 98       |
| 10) Phenol                    | 6.604  | 94   | 1386367m | 40.388  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.693  | 93   | 1137095  | 41.853  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.899  | 146  | 1238676  | 39.261  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.975  | 146  | 1256482  | 39.484  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.128  | 146  | 1218253  | 40.725  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.104  | 79   | 965817   | 40.527  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228  | 45   | 1566786  | 40.376  | ng    | 90       |
| 17) 2-Methylphenol            | 7.204  | 107  | 949342   | 40.706  | ng    | 98       |
| 18) Hexachloroethane          | 7.469  | 117  | 462206   | 41.372  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 782661   | 39.935  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 7.357  | 107  | 1167615  | 39.370  | ng    | 89       |
| 22) Acetophenone              | 7.369  | 105  | 1558227  | 38.269  | ng    | # 95     |
| 24) Nitrobenzene              | 7.546  | 77   | 1207984  | 41.954  | ng    | 94       |
| 25) Isophorone                | 7.781  | 82   | 2244720  | 44.633  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 635845   | 47.516  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.893  | 122  | 1119576  | 46.342  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.987  | 93   | 1375683  | 39.829  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 981582   | 39.834  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.181  | 180  | 1039267  | 38.327  | ng    | 96       |
| 31) Naphthalene               | 8.269  | 128  | 3148735  | 39.077  | ng    | 98       |
| 32) Benzoic acid              | 8.022  | 122  | 781756   | 40.332  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.310  | 127  | 949991   | 29.258  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.381  | 225  | 628671   | 38.828  | ng    | 98       |
| 35) Caprolactam               | 8.698  | 113  | 320509m  | 41.018  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.793  | 107  | 1023313  | 40.873  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 2121518  | 39.127  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 2038408  | 38.712  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 1013386  | 38.754  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.110  | 237  | 1200786  | 86.996  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.234  | 196  | 708045   | 39.753  | ng    | 98       |

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 Sample : PB145980BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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Manual Integrations  
 APPROVED

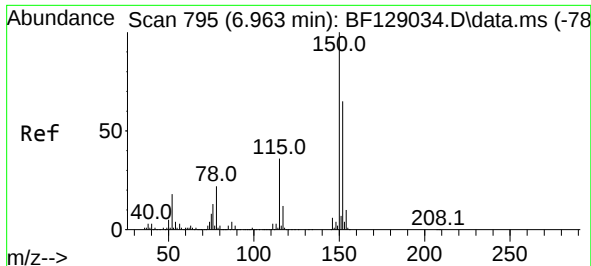
Reviewed By : Christian Giraldo 07/06/2022  
 Supervised By : Jagrut Upadhyay 07/06/2022

Quant Time: Jul 05 16:36:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.275  | 196  | 750456   | 39.612 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 2570874  | 38.439 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 1981334  | 38.362 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.545  | 65   | 612273   | 45.010 | ng    | # 82     |
| 49) Acenaphthylene            | 9.869  | 152  | 3192908  | 40.685 | ng    | 97       |
| 50) Dimethylphthalate         | 9.722  | 163  | 2356360  | 40.488 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.787  | 165  | 539182   | 45.338 | ng    | 96       |
| 52) Acenaphthene              | 10.040 | 154  | 2225372m | 43.533 | ng    |          |
| 53) 3-Nitroaniline            | 9.957  | 138  | 497598   | 35.086 | ng    | # 90     |
| 54) 2,4-Dinitrophenol         | 10.063 | 184  | 644347   | 98.457 | ng    | # 86     |
| 55) Dibenzofuran              | 10.210 | 168  | 2807229  | 37.713 | ng    | 95       |
| 56) 4-Nitrophenol             | 10.122 | 139  | 1018569  | 87.902 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 10.192 | 165  | 731044   | 49.793 | ng    | 95       |
| 58) Fluorene                  | 10.557 | 166  | 2185619  | 37.960 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.328 | 232  | 632214   | 40.280 | ng    | 100      |
| 60) Diethylphthalate          | 10.422 | 149  | 2347956  | 40.262 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204  | 1110426  | 38.707 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.581 | 138  | 612520   | 43.554 | ng    | 88       |
| 63) Azobenzene                | 10.704 | 77   | 2223139  | 38.910 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 378159   | 50.511 | ng    | # 79     |
| 66) n-Nitrosodiphenylamine    | 10.663 | 169  | 1999150  | 38.899 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 11.034 | 248  | 723724   | 40.205 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.104 | 284  | 799764   | 39.900 | ng    | 97       |
| 69) Atrazine                  | 11.192 | 200  | 655918   | 45.355 | ng    | 98       |
| 70) Pentachlorophenol         | 11.298 | 266  | 999730   | 83.738 | ng    | 98       |
| 71) Phenanthrene              | 11.522 | 178  | 3097251  | 38.307 | ng    | 97       |
| 72) Anthracene                | 11.575 | 178  | 3127156  | 39.228 | ng    | 96       |
| 73) Carbazole                 | 11.728 | 167  | 3039083  | 38.046 | ng    | 98       |
| 74) Di-n-butylphthalate       | 12.051 | 149  | 3485032  | 41.379 | ng    | 98       |
| 75) Fluoranthene              | 12.716 | 202  | 3316841  | 39.225 | ng    | 94       |
| 77) Benzidine                 | 12.833 | 184  | 1107135  | 55.351 | ng    | 99       |
| 78) Pyrene                    | 12.945 | 202  | 3354801  | 43.086 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.557 | 149  | 1452039  | 45.776 | ng    | 90       |
| 81) Benzo(a)anthracene        | 14.139 | 228  | 2840942  | 41.420 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.098 | 252  | 866661   | 58.479 | ng    | 97       |
| 83) Chrysene                  | 14.175 | 228  | 2540809  | 39.903 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149  | 1911437  | 45.342 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 2864666  | 46.033 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.233 | 276  | 2512401  | 42.829 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.216 | 252  | 2601391  | 45.226 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.251 | 252  | 2366434  | 42.417 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.610 | 252  | 2368740  | 50.516 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.257 | 278  | 2152362  | 45.010 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 17.715 | 276  | 2192639  | 45.702 | ng    | 98       |

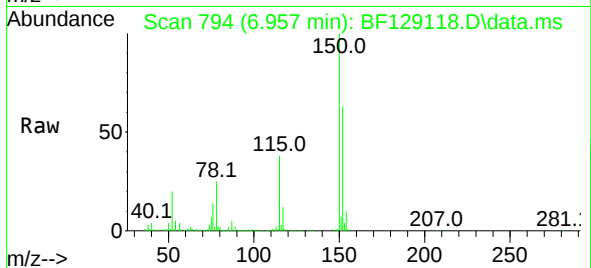
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

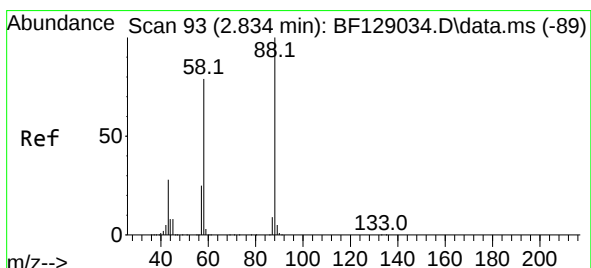
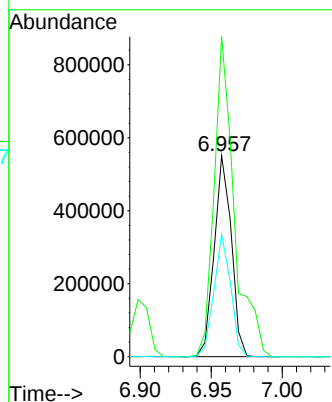
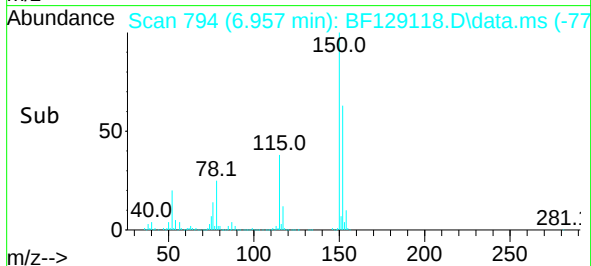
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



Tgt Ion:152 Resp: 46118  
Ion Ratio Lower Upper  
152 100  
150 159.2 123.7 185.5  
115 60.9 49.9 74.9

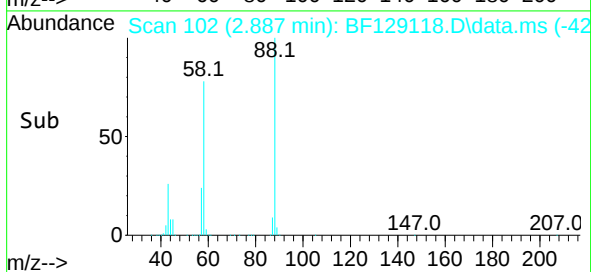
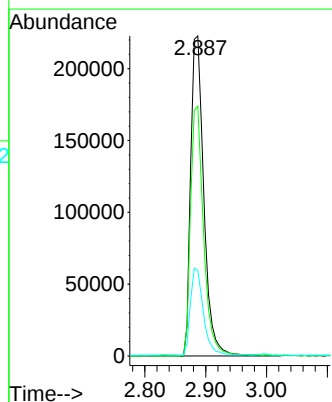
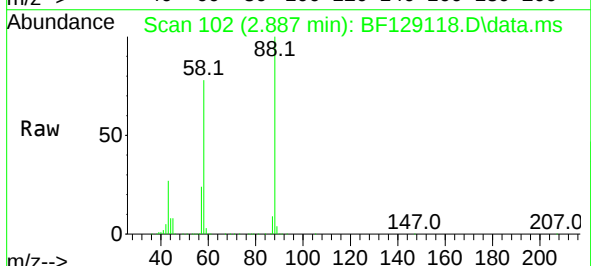
Manual Integrations  
APPROVED

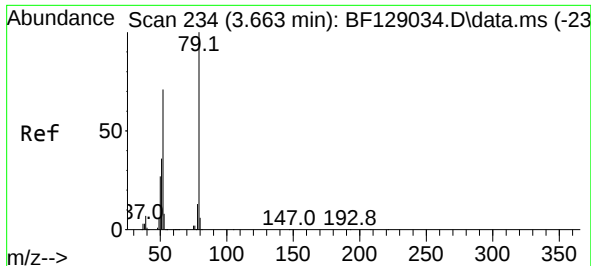
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#2  
1,4-Dioxane  
Concen: 27.543 ng  
RT: 2.887 min Scan# 102  
Delta R.T. 0.053 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

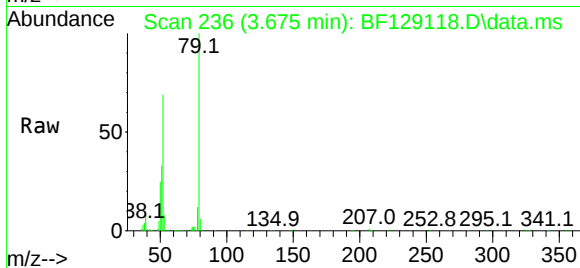
Tgt Ion: 88 Resp: 334972  
Ion Ratio Lower Upper  
88 100  
58 77.5 71.8 107.8  
43 26.7 26.6 39.8





#3  
Pyridine  
Concen: 28.453 ng  
RT: 3.675 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

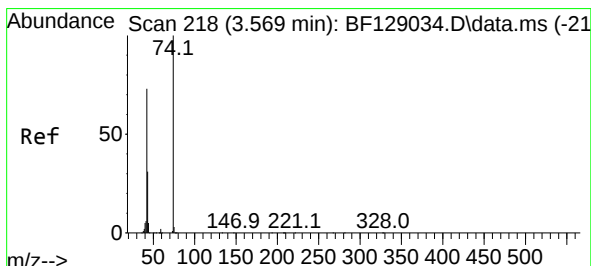
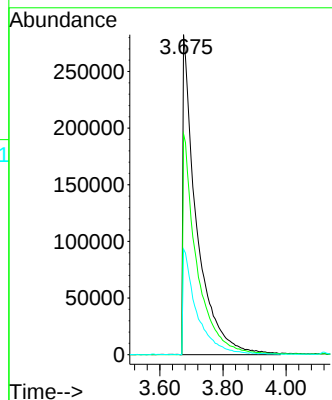
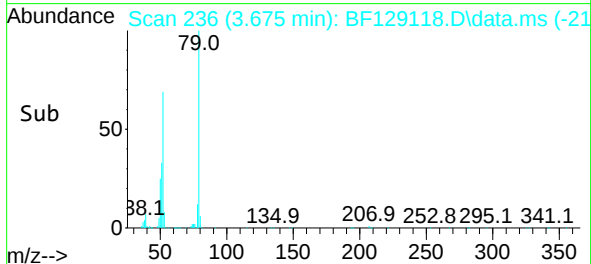
Instrument :  
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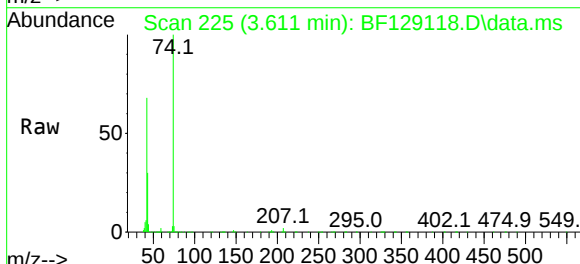
Tgt Ion: 79 Resp: 84507  
Ion Ratio Lower Upper  
79 100  
52 68.9 68.6 102.8  
51 32.9 32.9 49.3

Manual Integrations  
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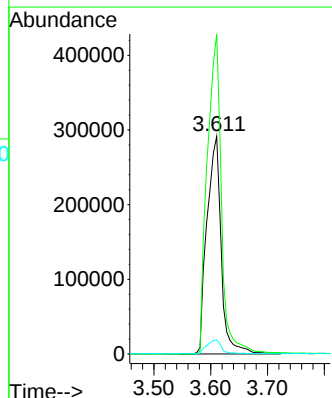
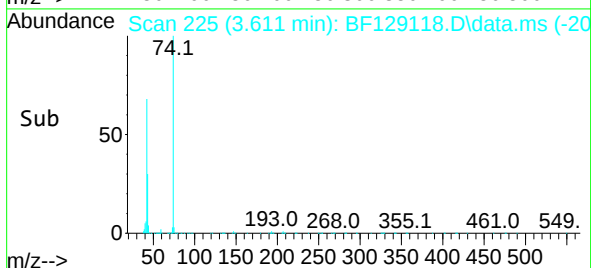
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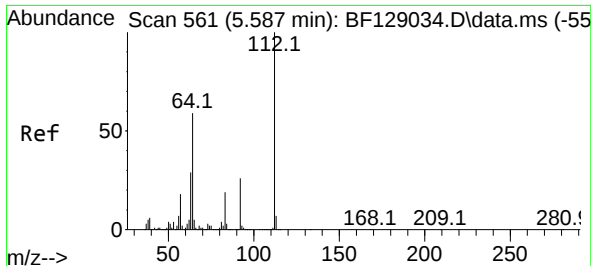


#4  
n-Nitrosodimethylamine  
Concen: 37.663 ng  
RT: 3.611 min Scan# 225  
Delta R.T. 0.041 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



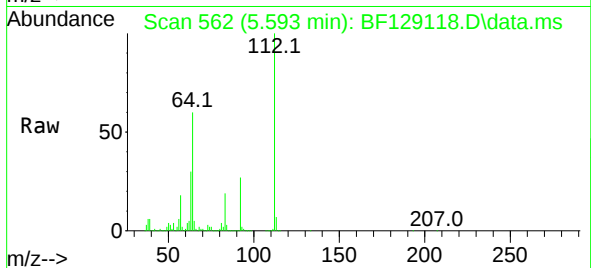
Tgt Ion: 42 Resp: 506806  
Ion Ratio Lower Upper  
42 100  
74 147.0 94.8 142.2#  
44 6.5 6.6 10.0#





#5  
2-Fluorophenol  
Concen: 103.684 ng  
RT: 5.593 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

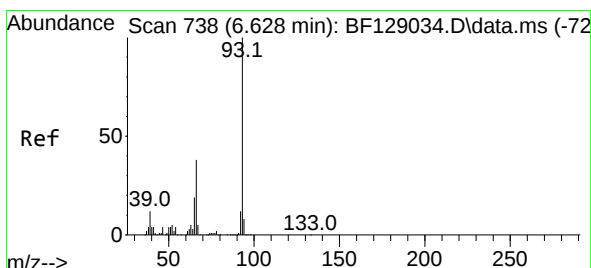
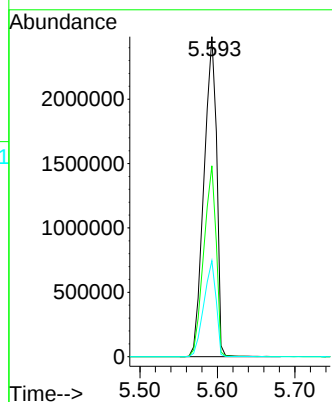
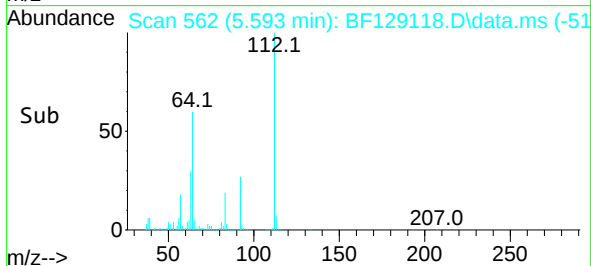
Instrument :  
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Tgt Ion: 112 Resp: 282838  
Ion Ratio Lower Upper  
112 100  
64 59.6 53.3 79.9  
63 30.0 28.0 42.0

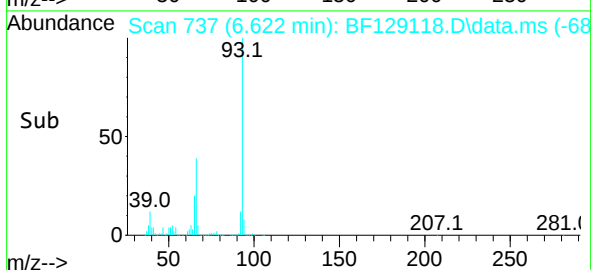
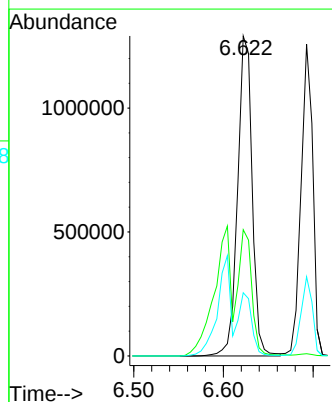
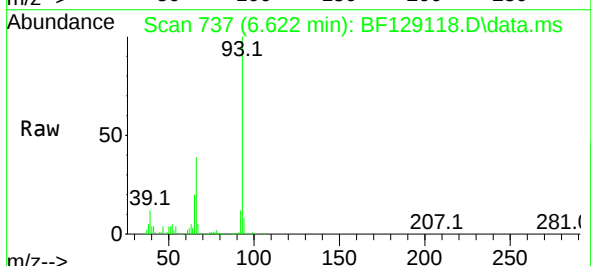
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Supervised By :Jagrut Upadhyay 07/06/2022



#6  
Aniline  
Concen: 38.305 ng  
RT: 6.622 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

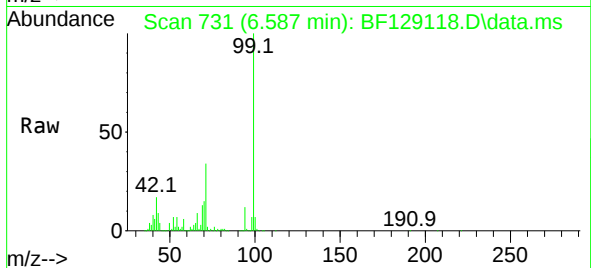
Tgt Ion: 93 Resp: 1451366  
Ion Ratio Lower Upper  
93 100  
66 39.5 32.5 48.7  
65 19.7 16.4 24.6





#7  
Phenol-d6  
Concen: 103.288 ng  
RT: 6.587 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

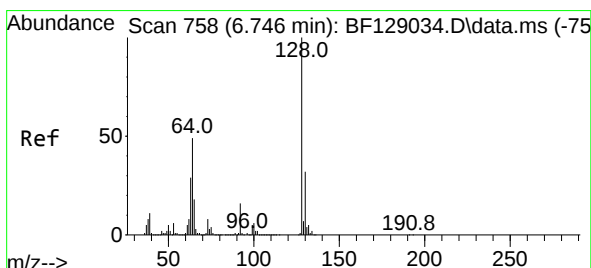
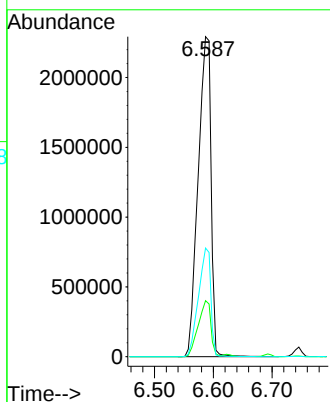
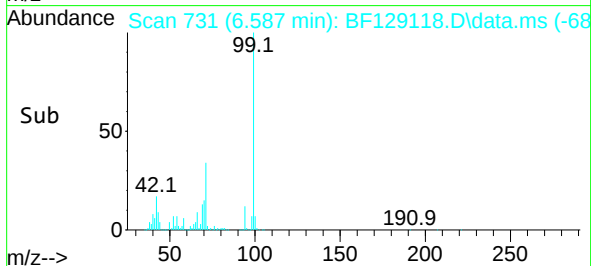
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



Tgt Ion: 99 Resp: 3499360  
Ion Ratio Lower Upper  
99 100  
42 17.5 17.3 25.9  
71 33.9 28.9 43.3

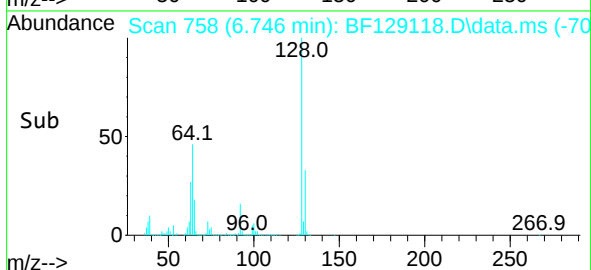
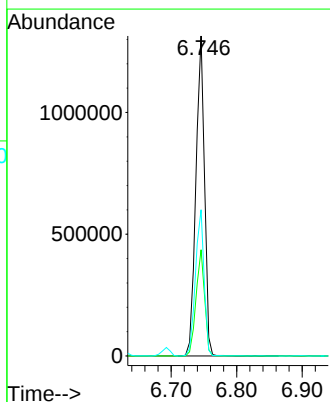
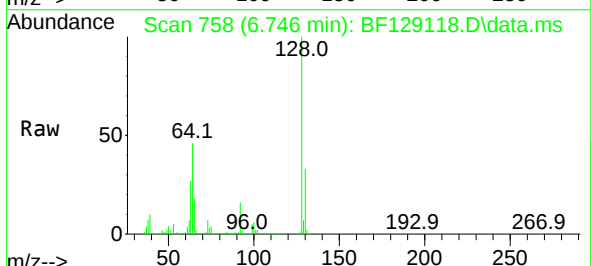
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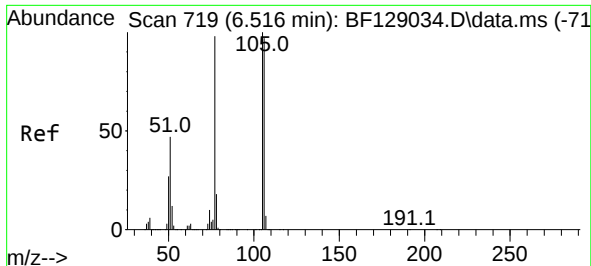
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#8  
2-Chlorophenol  
Concen: 42.177 ng  
RT: 6.746 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

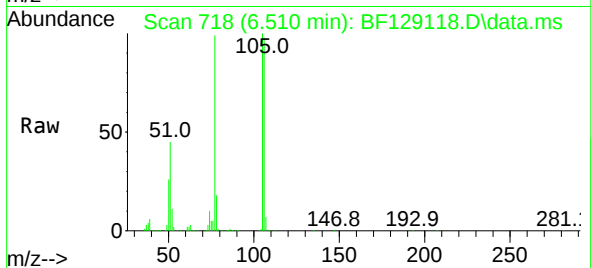
Tgt Ion:128 Resp: 1208805  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.1 53.1  
64 45.7 30.9 70.9





#9  
Benzaldehyde  
Concen: 8.528 ng  
RT: 6.510 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

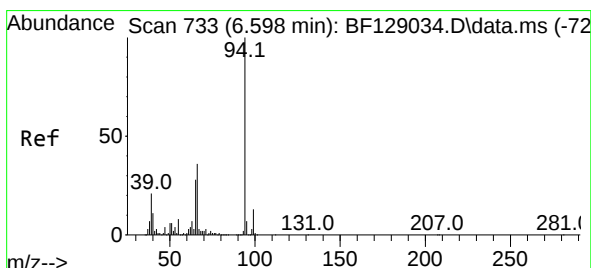
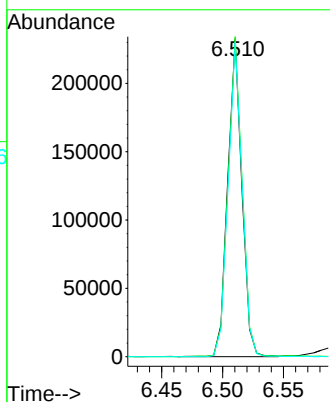
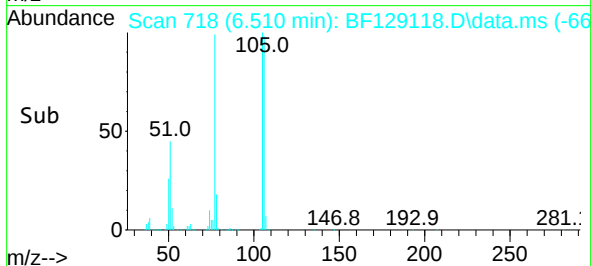
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



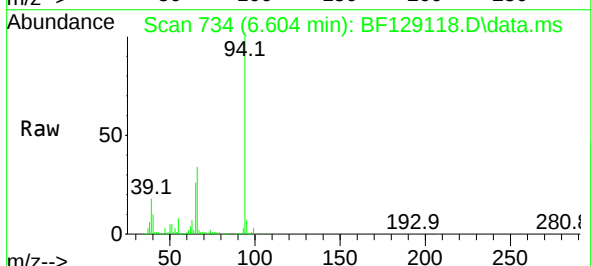
Tgt Ion: 77 Resp: 187532  
Ion Ratio Lower Upper  
77 100  
105 100.8 81.6 121.6  
106 99.1 76.1 116.1

Manual Integrations  
APPROVED

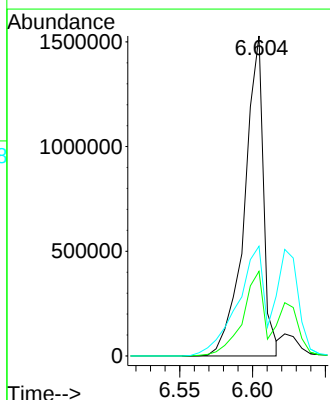
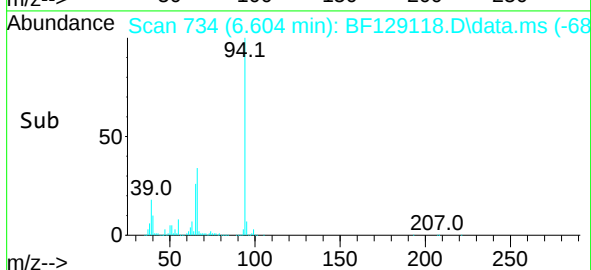
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

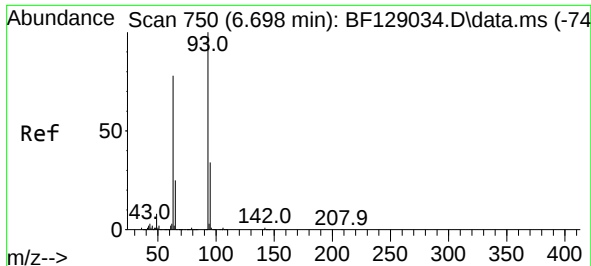


#10  
Phenol  
Concen: 40.388 ng m  
RT: 6.604 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



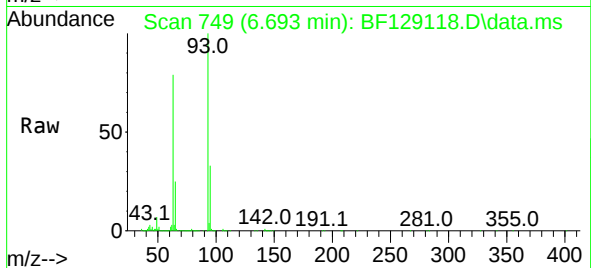
Tgt Ion: 94 Resp: 1386367  
Ion Ratio Lower Upper  
94 100  
65 26.5 11.4 51.4  
66 34.3 21.4 61.4





#11  
bis(2-Chloroethyl)ether  
Concen: 41.853 ng  
RT: 6.693 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

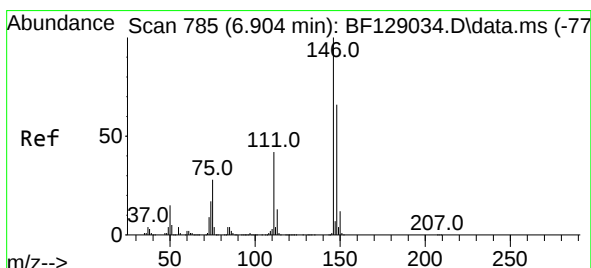
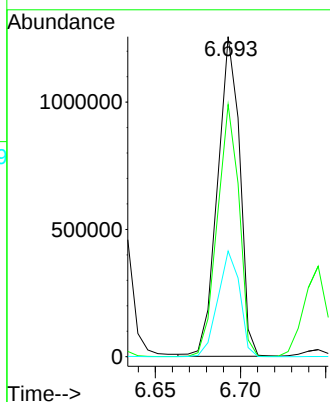
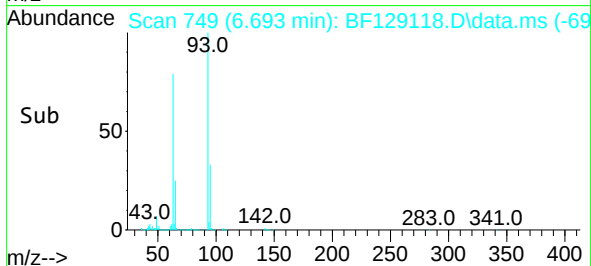
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



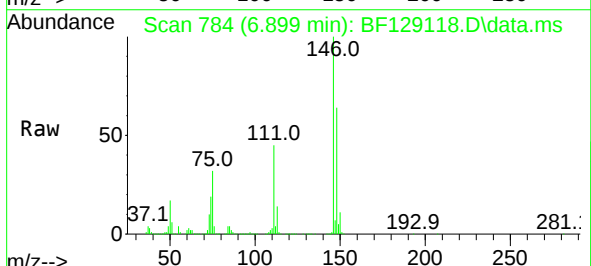
Tgt Ion: 93 Resp: 113709  
Ion Ratio Lower Upper  
93 100  
63 78.8 67.4 107.4  
95 33.0 12.7 52.7

Manual Integrations  
APPROVED

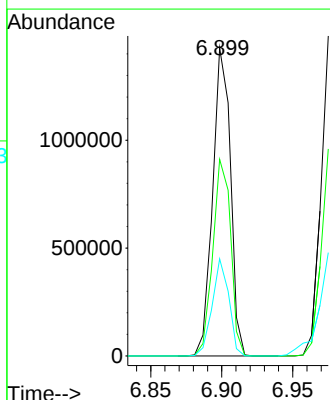
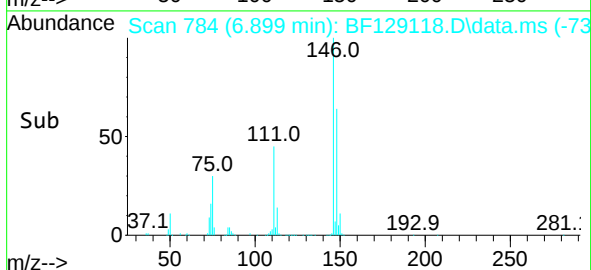
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#12  
1,3-Dichlorobenzene  
Concen: 39.261 ng  
RT: 6.899 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:146 Resp: 1238676  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.6 75.8  
75 31.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.484 ng

RT: 6.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

Tgt Ion:146 Resp: 125648

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

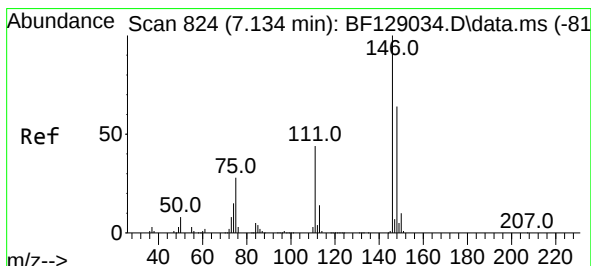
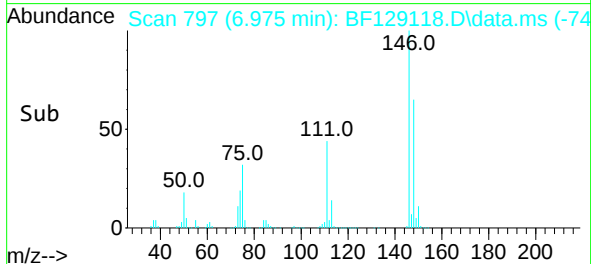
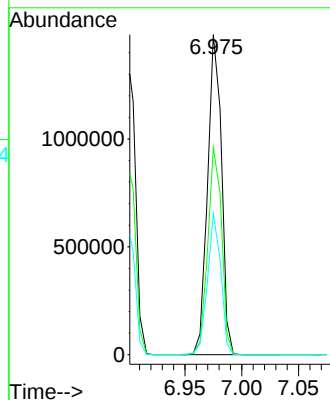
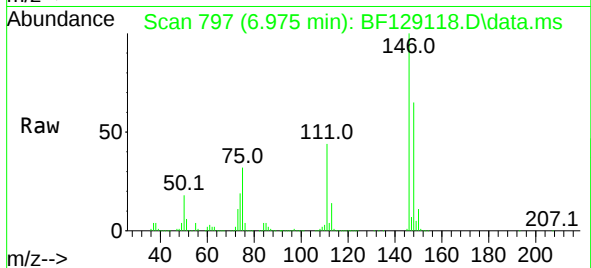
111 44.1 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#14

1,2-Dichlorobenzene

Concen: 40.725 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

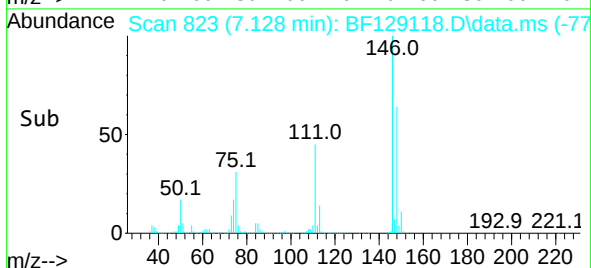
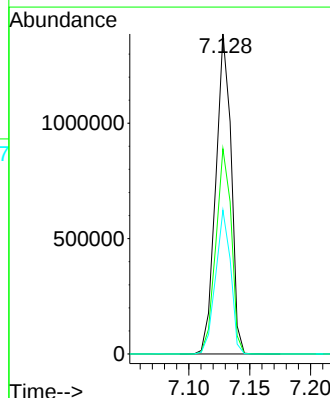
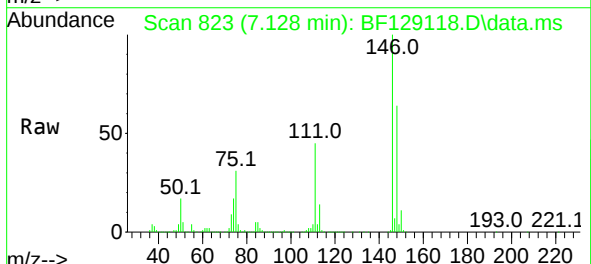
Tgt Ion:146 Resp: 1218253

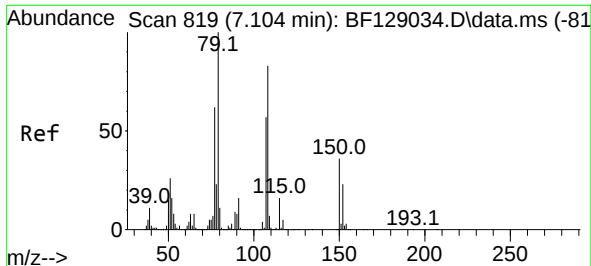
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

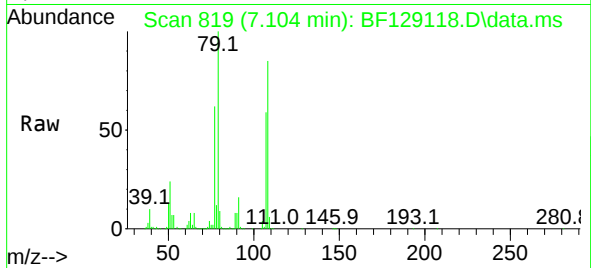
111 45.0 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 40.527 ng  
RT: 7.104 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

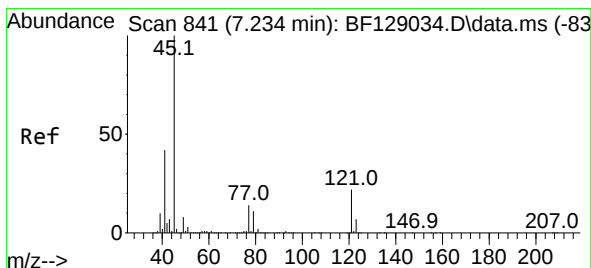
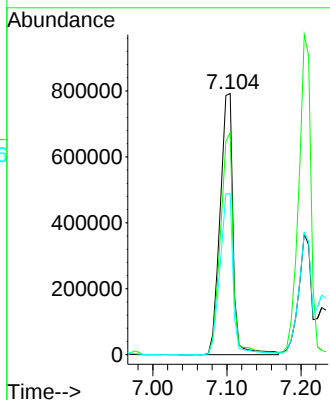
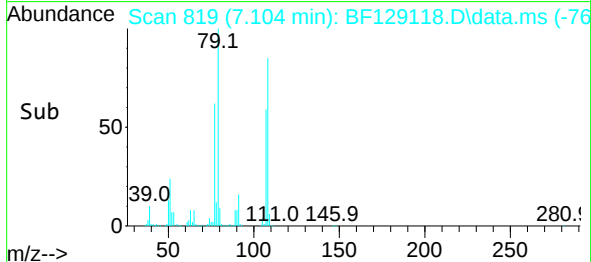
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



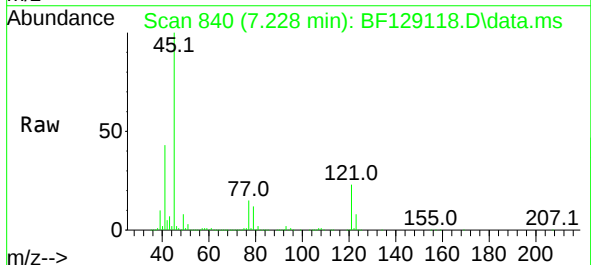
Tgt Ion: 79 Resp: 965817  
Ion Ratio Lower Upper  
79 100  
108 85.1 61.8 92.6  
77 61.7 50.2 75.4

Manual Integrations  
APPROVED

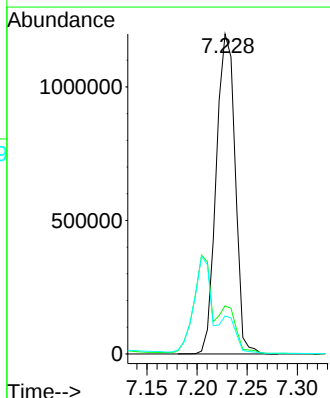
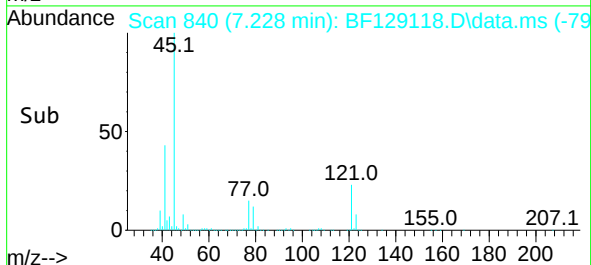
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

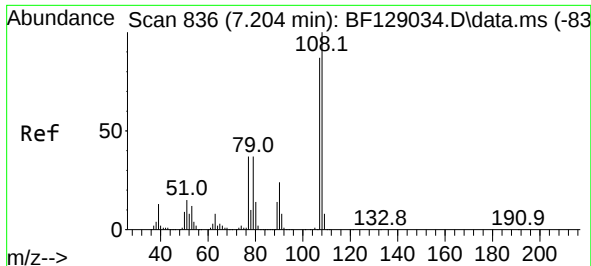


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.376 ng  
RT: 7.228 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion: 45 Resp: 1566786  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 31.3  
79 11.9 0.0 28.3





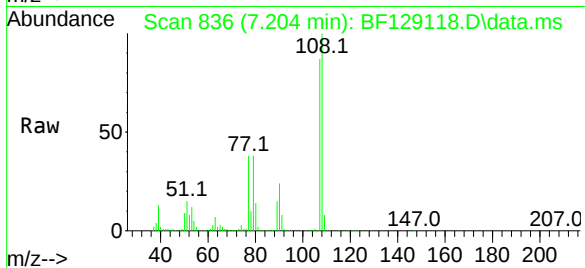
#17  
2-Methylphenol  
Concen: 40.706 ng  
RT: 7.204 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

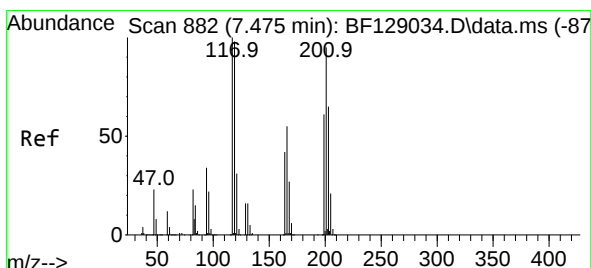
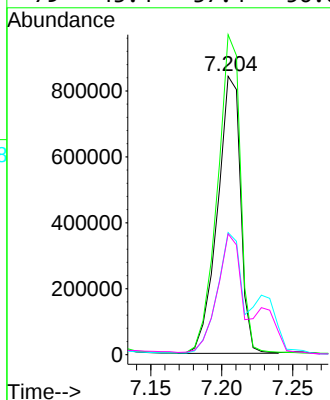
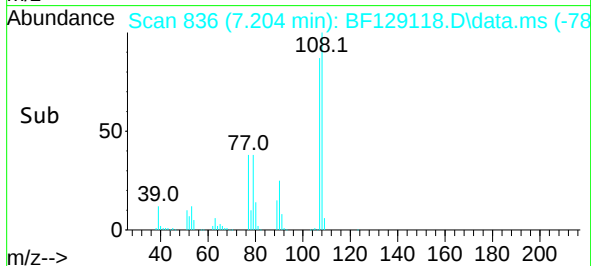


Tgt Ion:107 Resp: 94934  
Ion Ratio Lower Upper  
107 100  
108 115.0 91.9 137.9  
77 43.8 37.8 56.8  
79 43.4 37.4 56.0

Manual Integrations

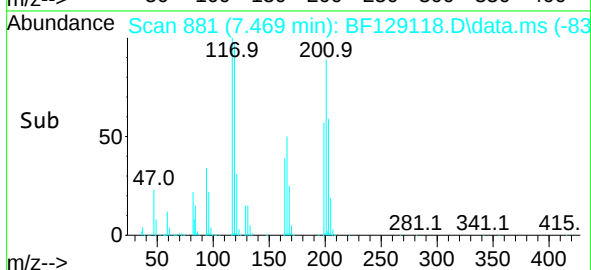
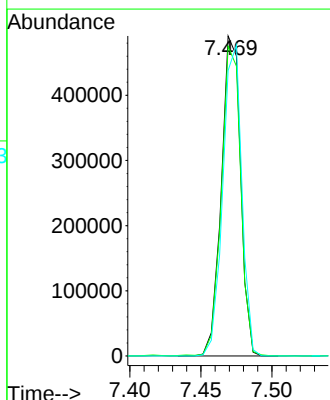
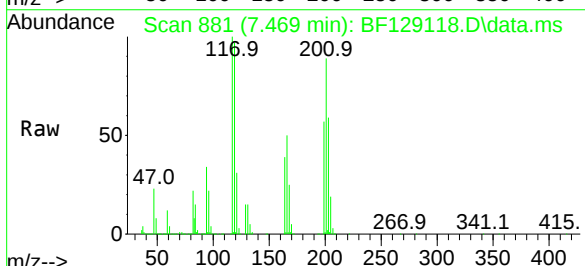
APPROVED

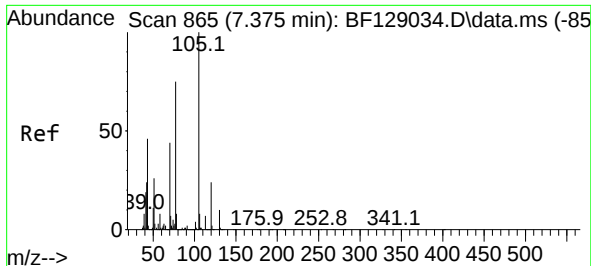
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#18  
Hexachloroethane  
Concen: 41.372 ng  
RT: 7.469 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

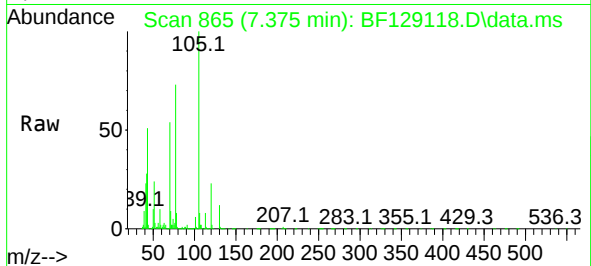
Tgt Ion:117 Resp: 462206  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.4 116.2  
201 89.2 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.935 ng  
RT: 7.375 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

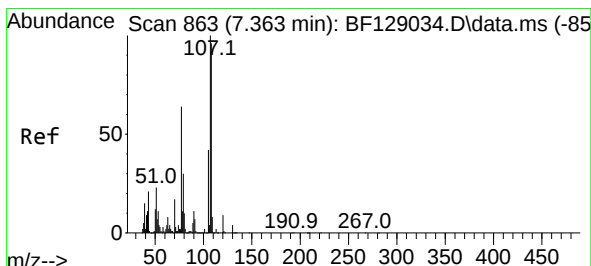
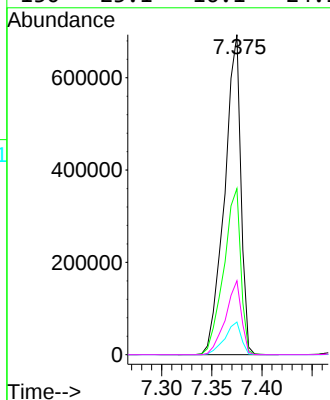
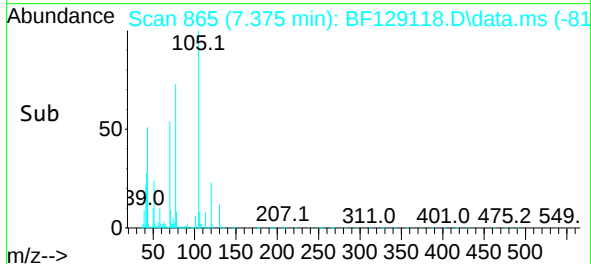
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



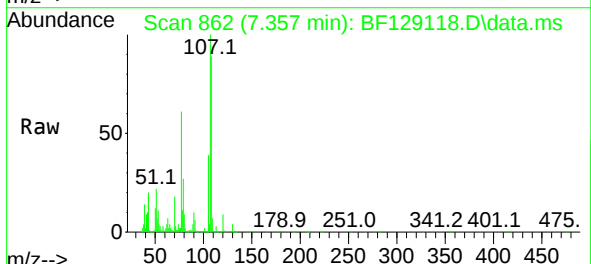
Tgt Ion: 70 Resp: 78266  
Ion Ratio Lower Upper  
70 100  
42 51.9 52.3 78.5  
101 10.2 7.5 11.3  
130 23.1 16.1 24.1

Manual Integrations  
APPROVED

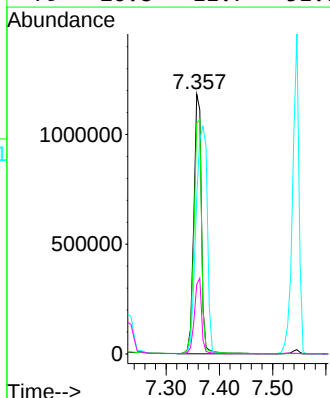
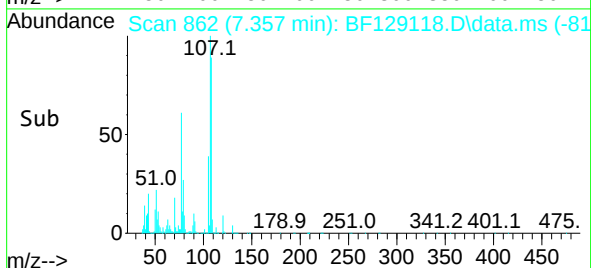
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

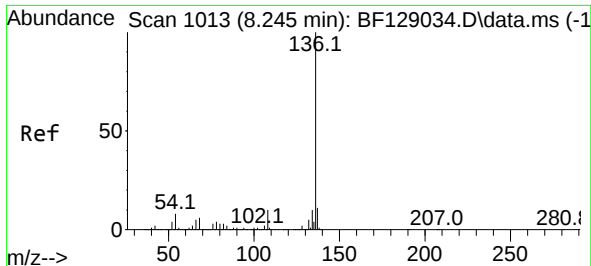


#20  
3+4-Methylphenols  
Concen: 39.370 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:107 Resp: 1167615  
Ion Ratio Lower Upper  
107 100  
108 88.8 71.8 111.8  
77 61.0 59.3 99.3  
79 26.8 11.7 51.7





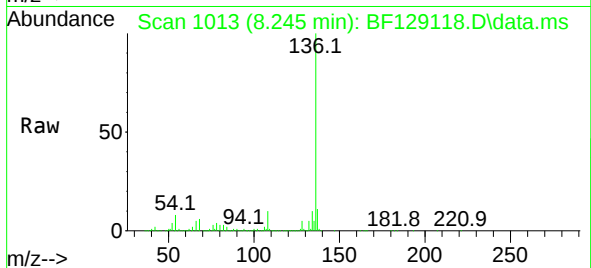
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. 0.001 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

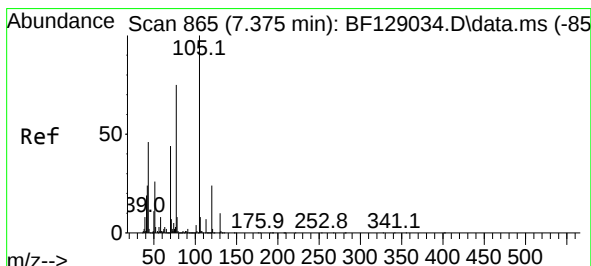
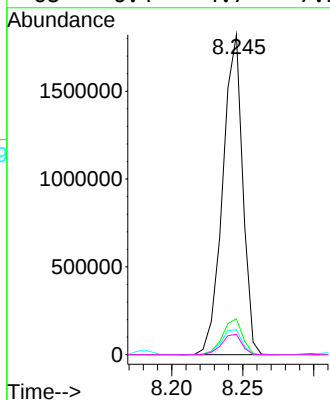
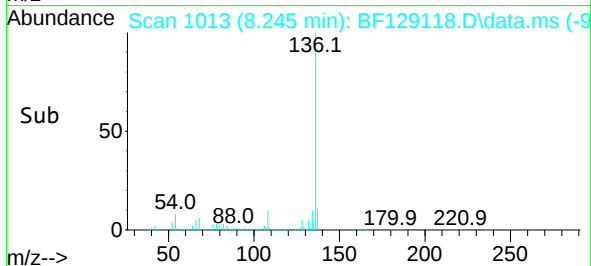


Tgt Ion:136 Resp: 1774960  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.8 7.5 11.3  
68 6.4 4.7 7.1

Manual Integrations

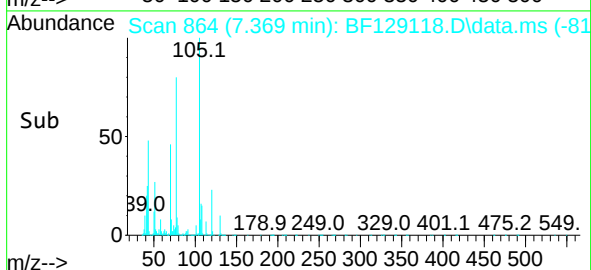
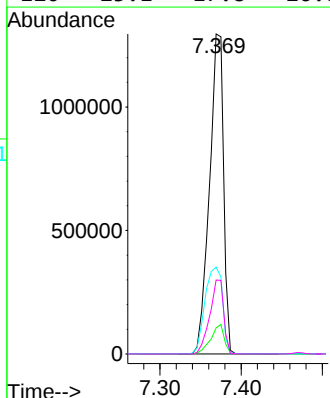
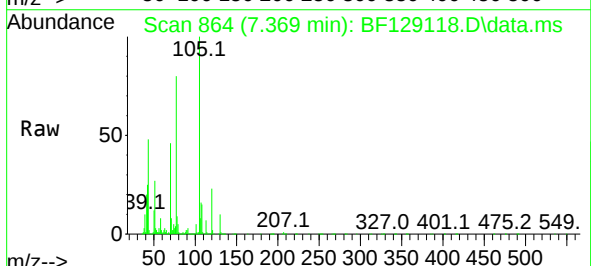
APPROVED

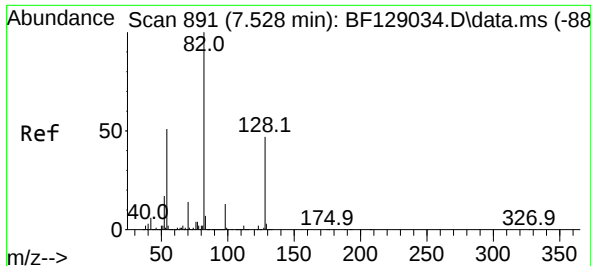
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#22  
Acetophenone  
Concen: 38.269 ng  
RT: 7.369 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Tgt Ion:105 Resp: 1558227  
Ion Ratio Lower Upper  
105 100  
71 8.1 5.0 7.4#  
51 27.1 25.0 37.4  
120 23.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 75.707 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

Tgt Ion: 82 Resp: 2252900

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

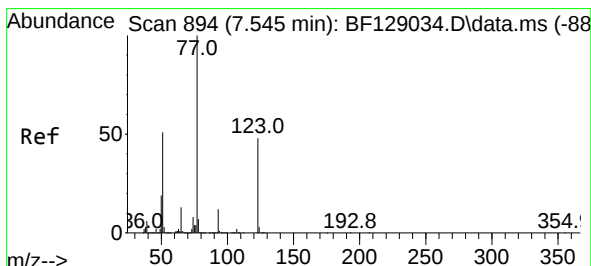
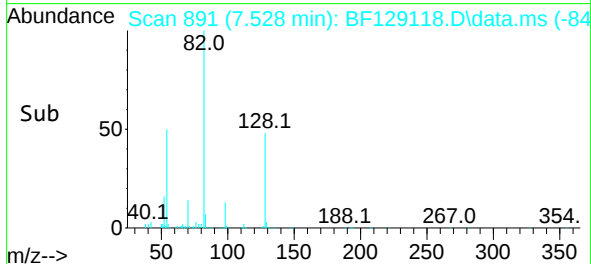
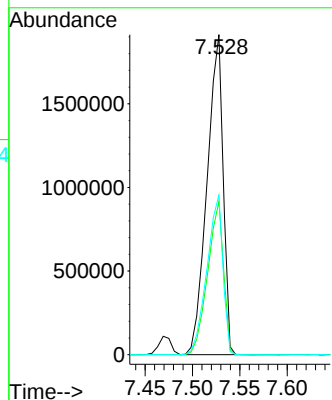
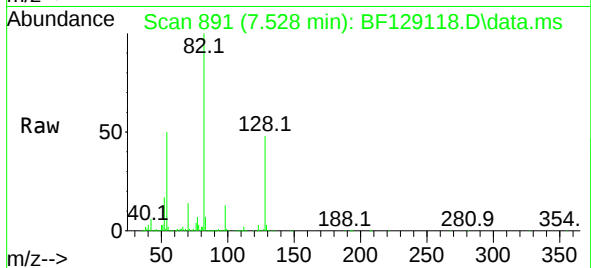
54 49.9 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#24

Nitrobenzene

Concen: 41.954 ng

RT: 7.546 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

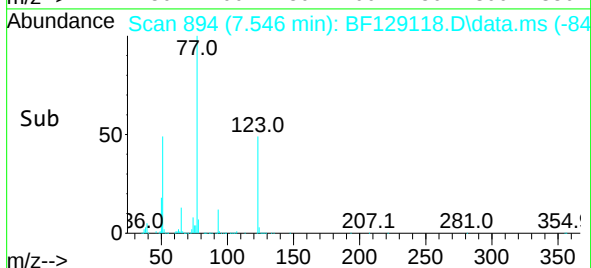
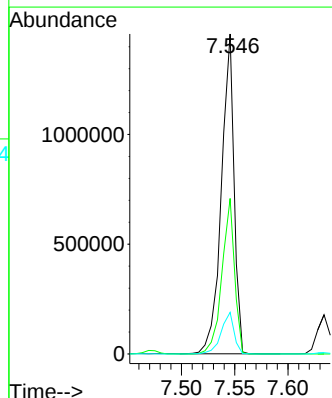
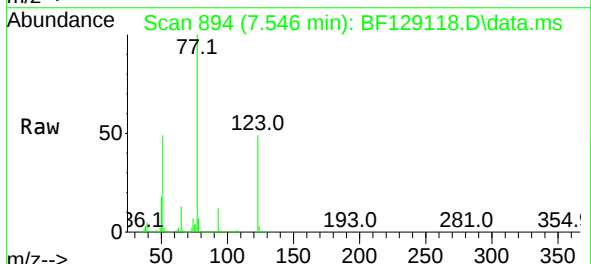
Tgt Ion: 77 Resp: 1207984

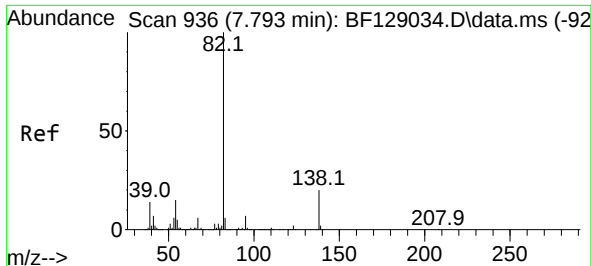
Ion Ratio Lower Upper

77 100

123 48.6 35.4 53.2

65 13.0 11.8 17.8





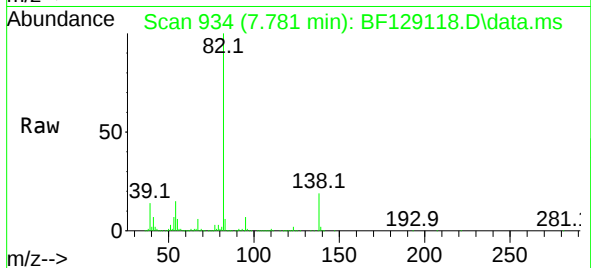
#25  
Isophorone  
Concen: 44.633 ng  
RT: 7.781 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

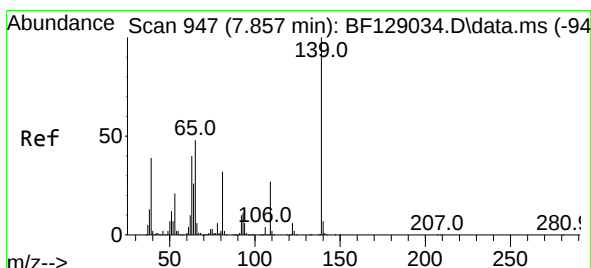
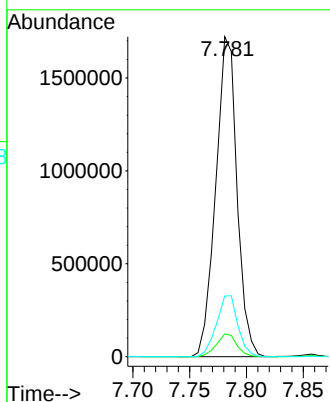
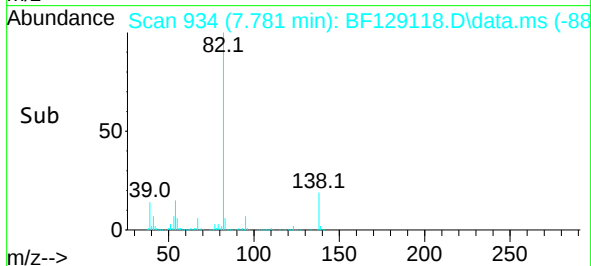
PB145980BS



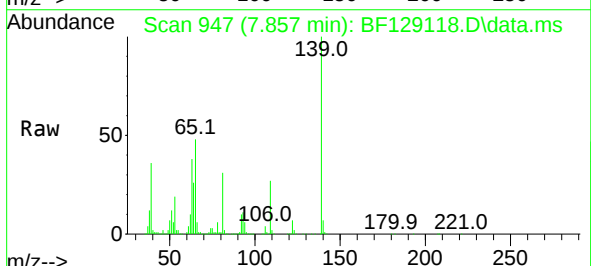
Tgt Ion: 82 Resp: 2244720  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.7 8.5  
138 18.9 14.2 21.2

Manual Integrations  
APPROVED

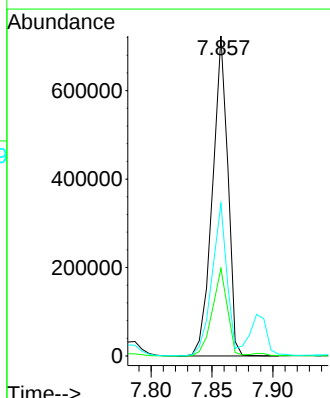
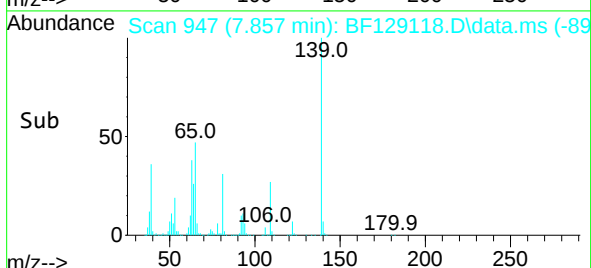
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#26  
2-Nitrophenol  
Concen: 47.516 ng  
RT: 7.857 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:139 Resp: 635845  
Ion Ratio Lower Upper  
139 100  
109 27.3 25.0 37.4  
65 47.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 46.342 ng

RT: 7.893 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129118.D

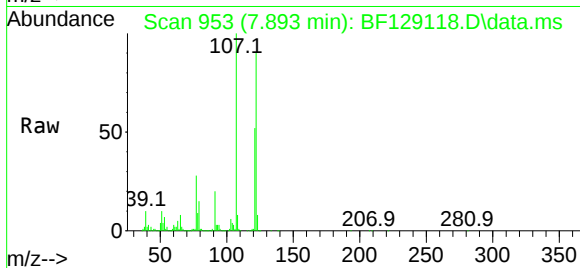
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS



Tgt Ion:122 Resp: 1119570

Ion Ratio Lower Upper

122 100

107 110.8 93.0 139.6

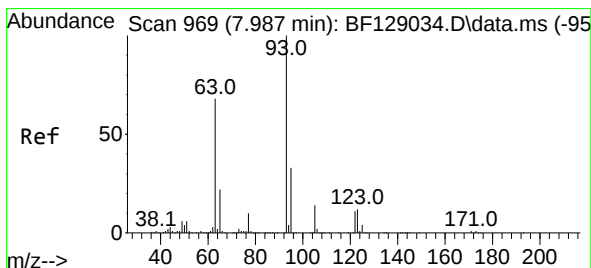
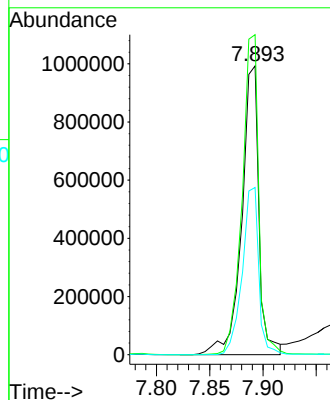
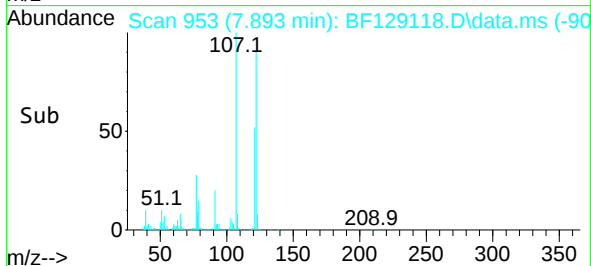
121 57.9 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.829 ng

RT: 7.987 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

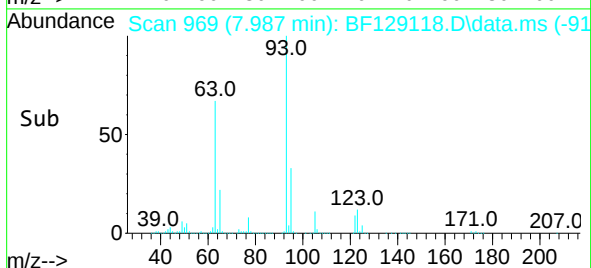
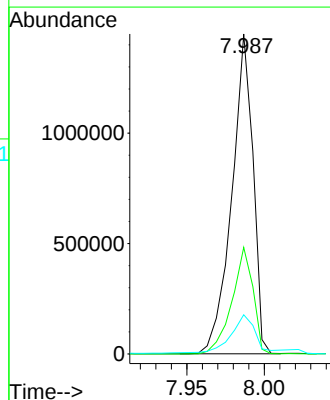
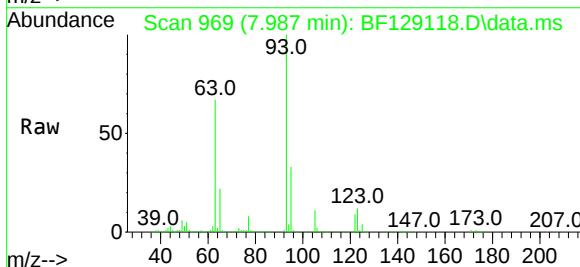
Tgt Ion: 93 Resp: 1375683

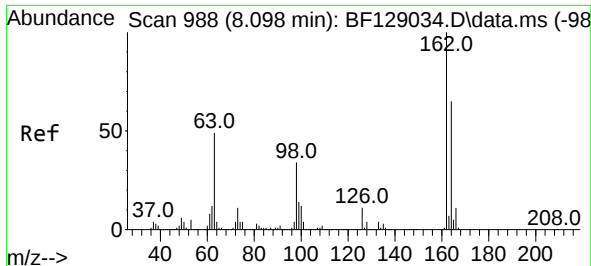
Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.834 ng

RT: 8.098 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

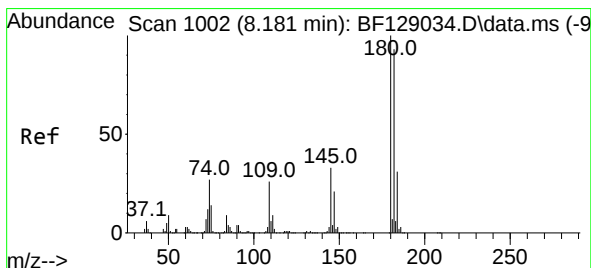
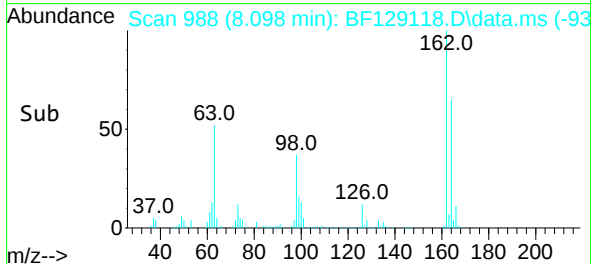
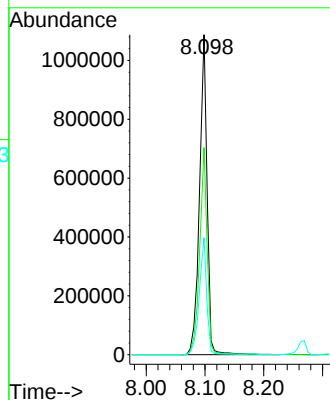
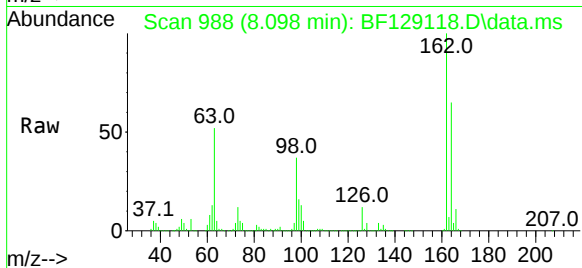
PB145980BS

Tgt Ion:162 Resp: 98158  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 44.2 84.2  
 98 36.5 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022  
 Supervised By :Jagrut Upadhyay 07/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.327 ng

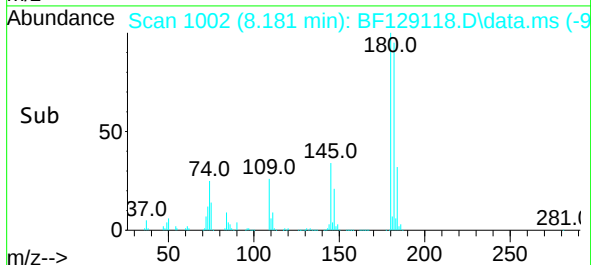
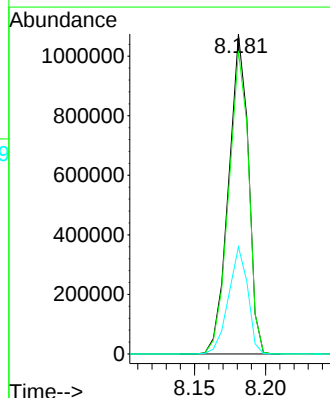
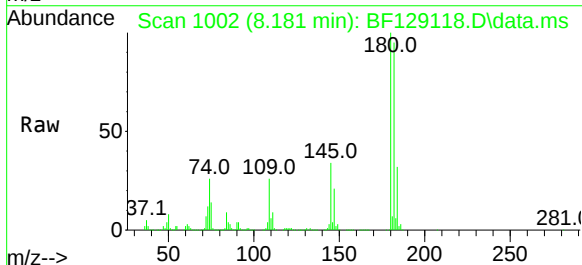
RT: 8.181 min Scan# 1002

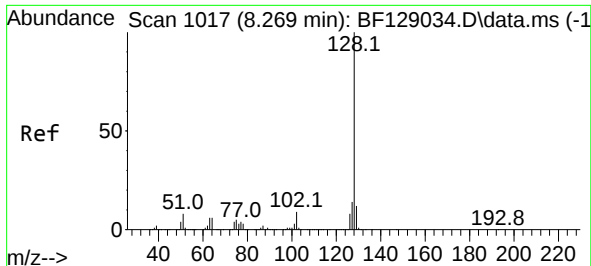
Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Tgt Ion:180 Resp: 1039267  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 79.2 118.8  
 145 33.5 26.2 39.2





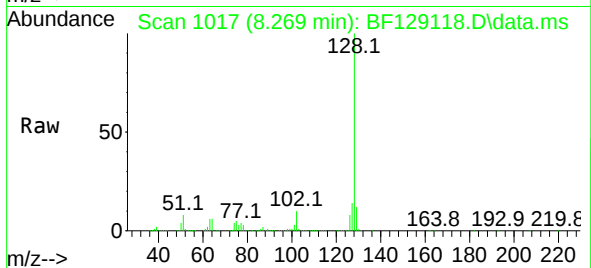
#31  
Naphthalene  
Concen: 39.077 ng  
RT: 8.269 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

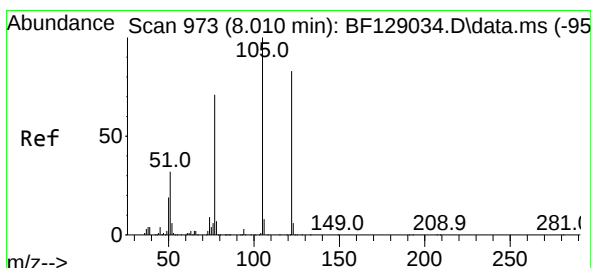
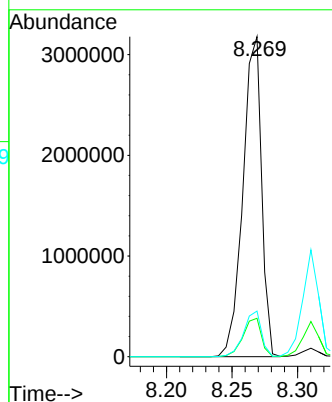
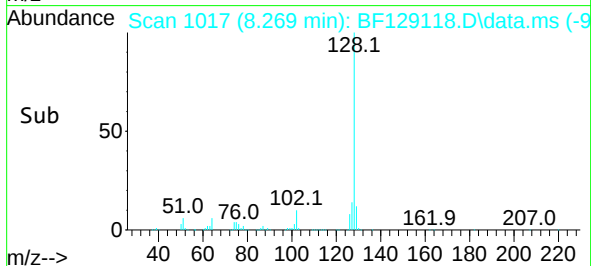


Tgt Ion:128 Resp: 314873  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.2 13.8  
127 14.2 10.5 15.7

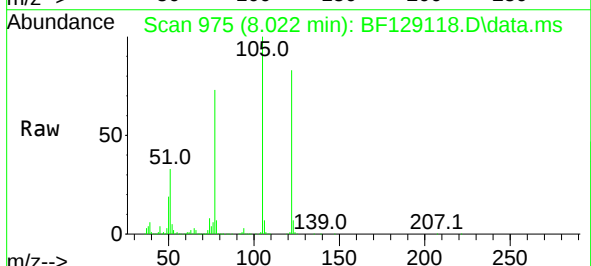
Manual Integrations

APPROVED

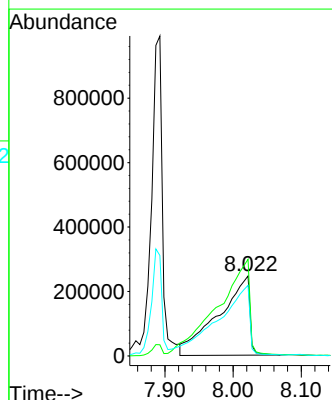
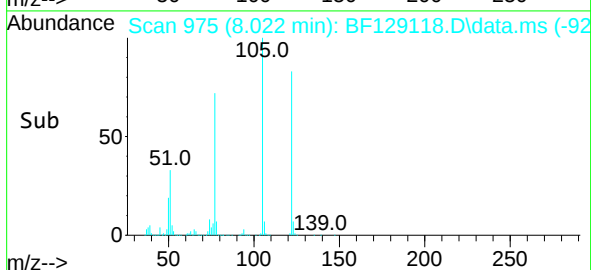
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

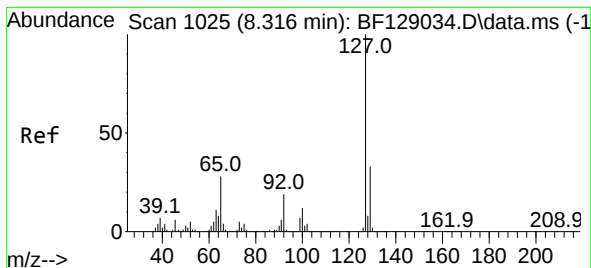


#32  
Benzoic acid  
Concen: 40.332 ng  
RT: 8.022 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:122 Resp: 781756  
Ion Ratio Lower Upper  
122 100  
105 120.7 107.1 147.1  
77 88.2 74.2 114.2





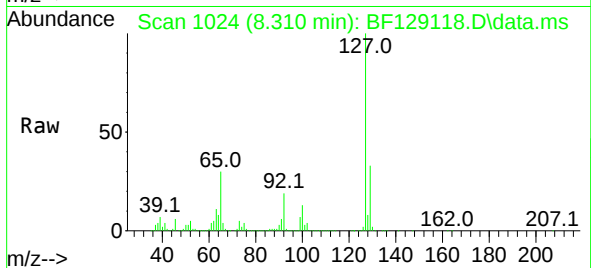
#33  
4-Chloroaniline  
Concen: 29.258 ng  
RT: 8.310 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

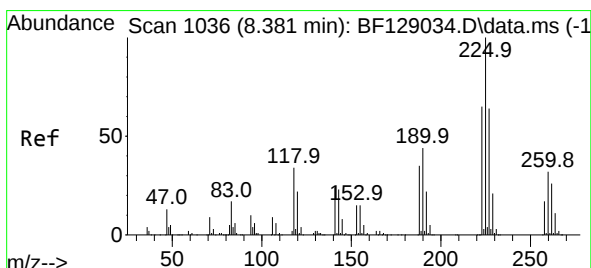
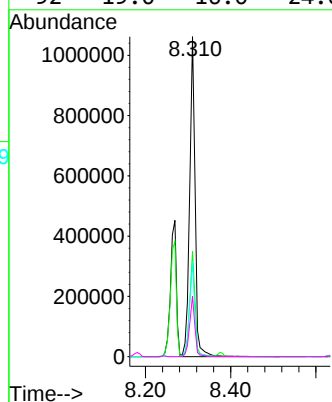
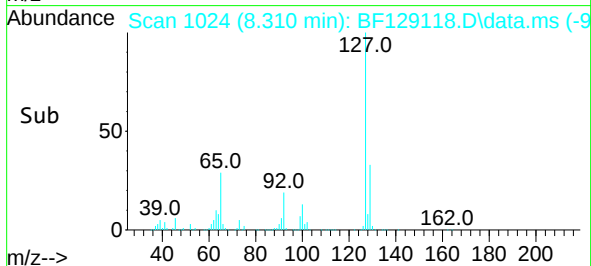


Tgt Ion:127 Resp: 94999  
Ion Ratio Lower Upper  
127 100  
129 33.0 26.4 39.6  
65 29.8 26.4 39.6  
92 19.0 16.0 24.0

Manual Integrations

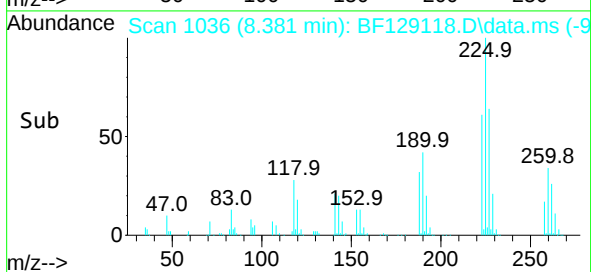
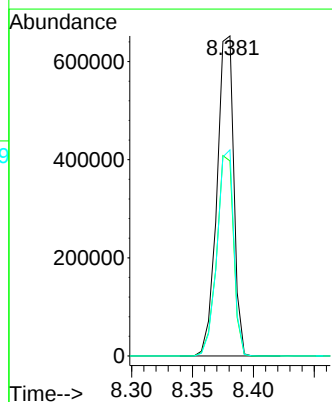
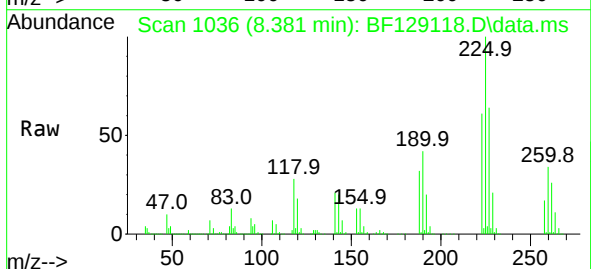
APPROVED

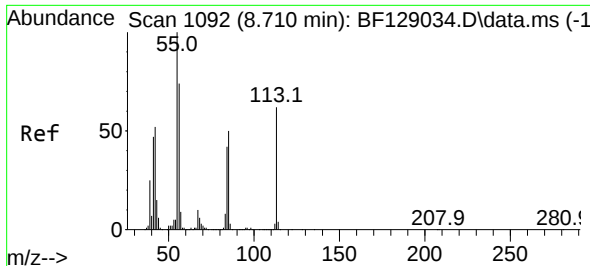
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#34  
Hexachlorobutadiene  
Concen: 38.828 ng  
RT: 8.381 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

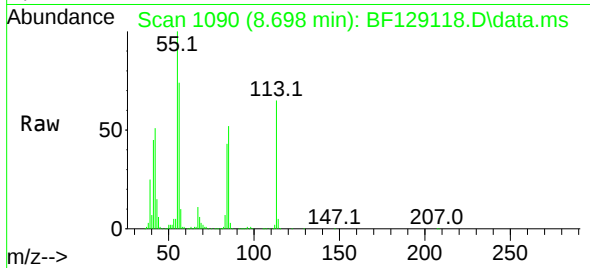
Tgt Ion:225 Resp: 628671  
Ion Ratio Lower Upper  
225 100  
223 61.0 51.0 76.6  
227 64.4 51.1 76.7





#35  
Caprolactam  
Concen: 41.018 ng m  
RT: 8.698 min Scan# 1092  
Delta R.T. -0.012 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

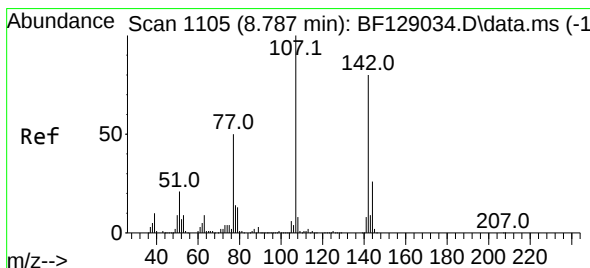
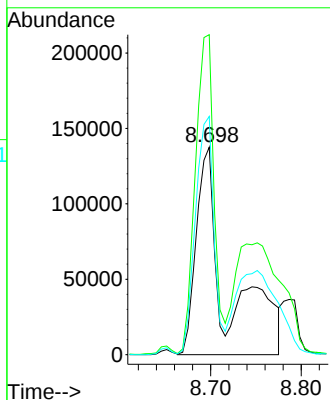
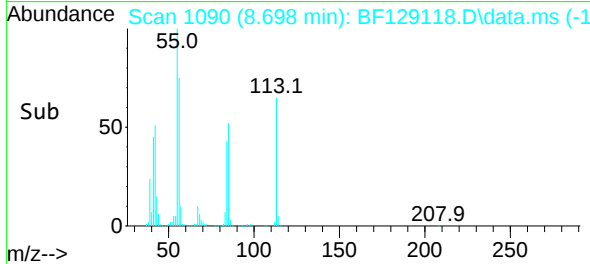
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



Tgt Ion:113 Resp: 320509  
Ion Ratio Lower Upper  
113 100  
55 154.2 188.5 228.5  
56 114.8 130.6 170.6

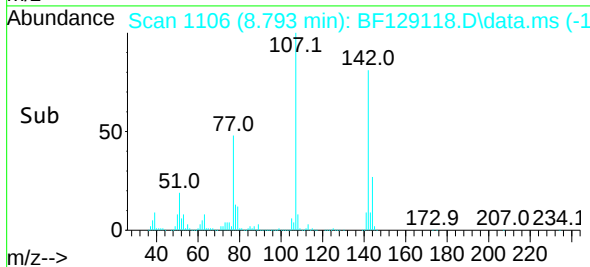
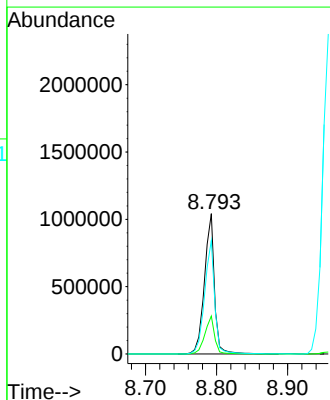
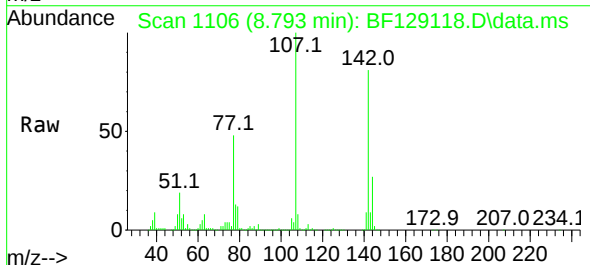
Manual Integrations  
APPROVED

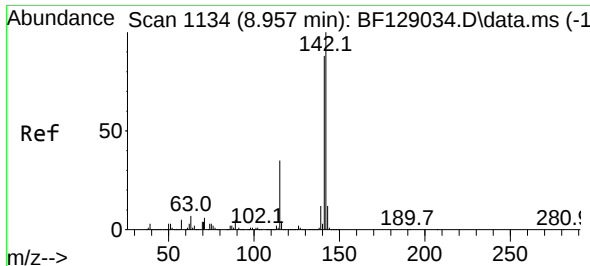
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#36  
4-Chloro-3-methylphenol  
Concen: 40.873 ng  
RT: 8.793 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

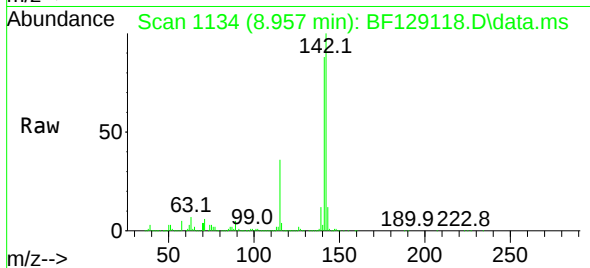
Tgt Ion:107 Resp: 1023313  
Ion Ratio Lower Upper  
107 100  
144 27.0 19.5 29.3  
142 80.8 58.2 87.4





#37  
2-Methylnaphthalene  
Concen: 39.127 ng  
RT: 8.957 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

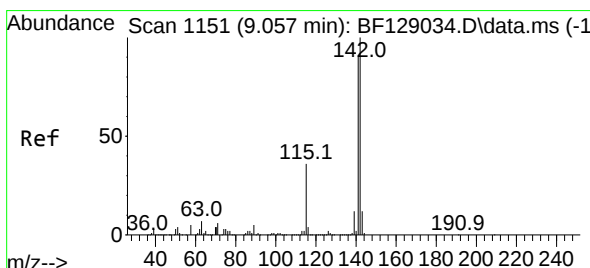
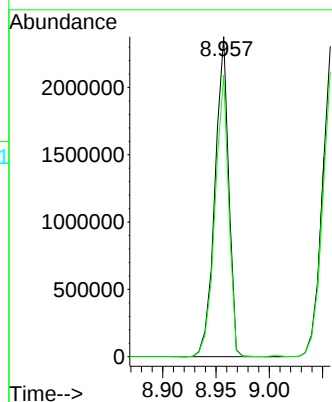
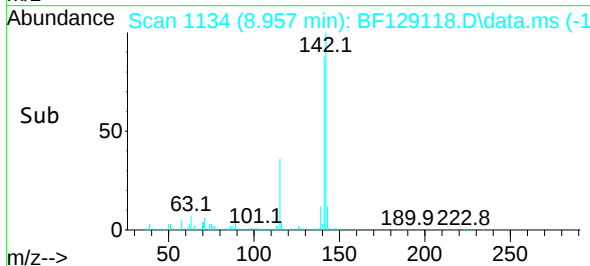
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



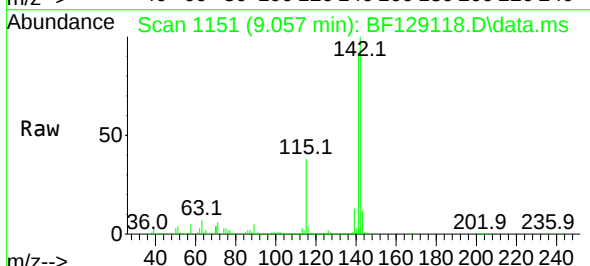
Tgt Ion:142 Resp: 2121518  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.0 106.4

Manual Integrations  
APPROVED

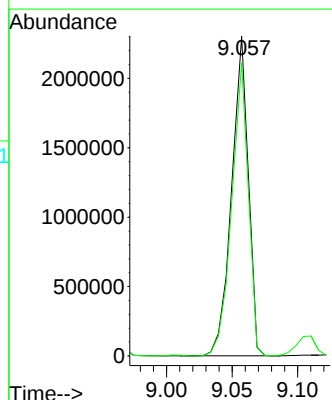
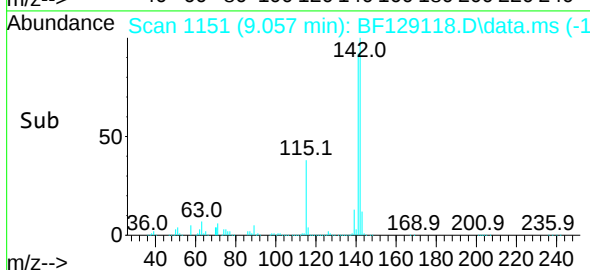
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

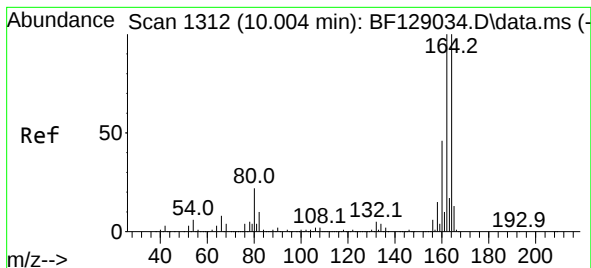


#38  
1-Methylnaphthalene  
Concen: 38.712 ng  
RT: 9.057 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



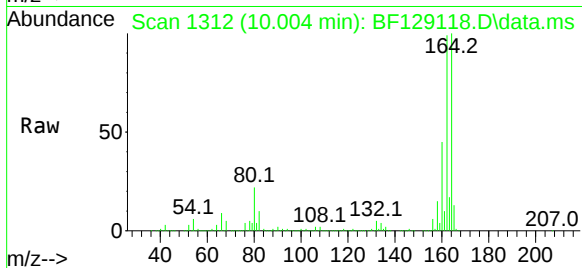
Tgt Ion:142 Resp: 2038408  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.004 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

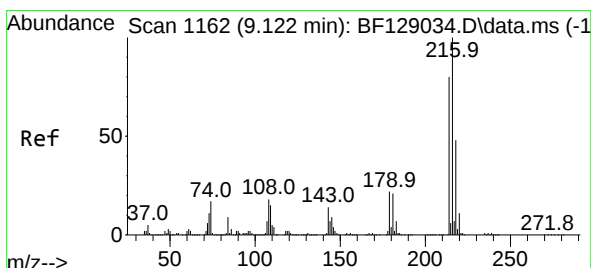
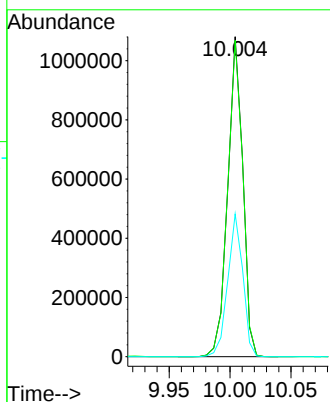
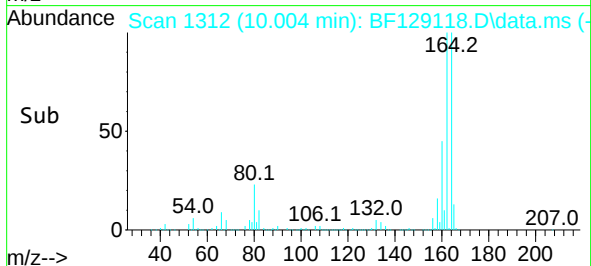
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



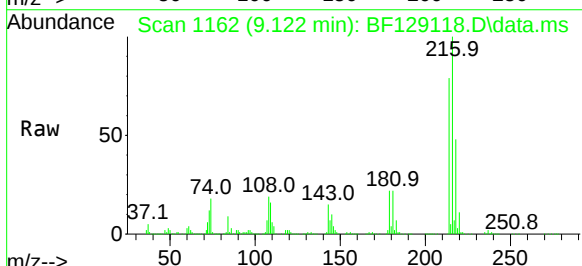
Tgt Ion:164 Resp: 930290  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.5 119.3  
160 44.6 34.2 51.4

Manual Integrations  
APPROVED

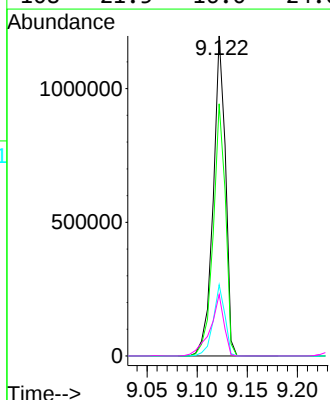
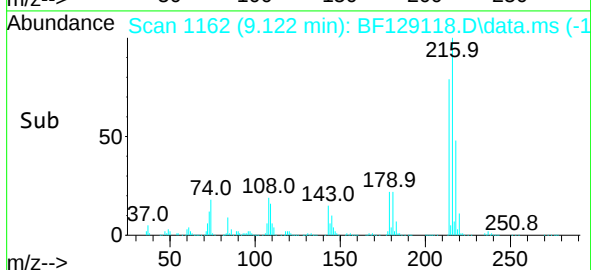
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

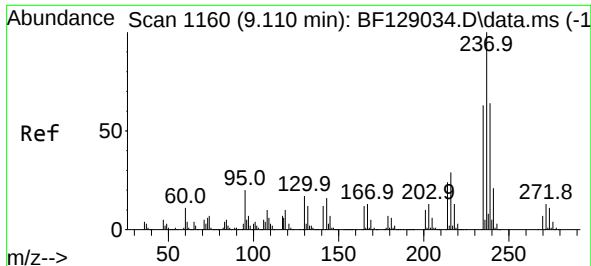


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.754 ng  
RT: 9.122 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



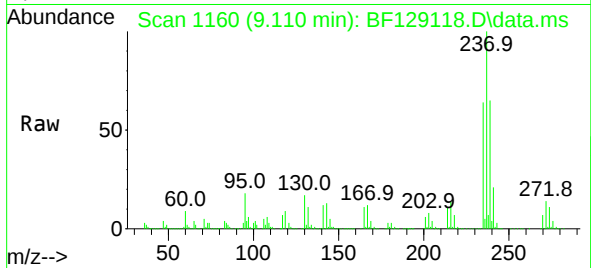
Tgt Ion:216 Resp: 1013386  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.6 95.4  
179 21.3 17.0 25.6  
108 21.5 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 86.996 ng  
RT: 9.110 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

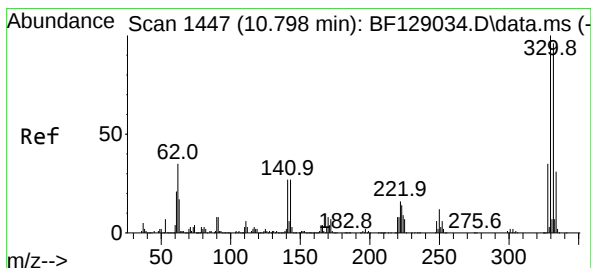
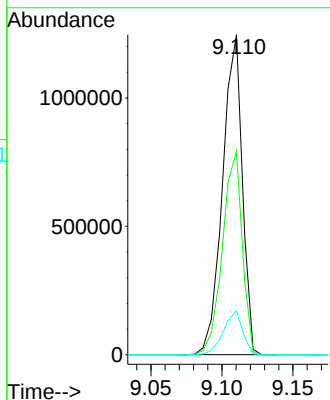
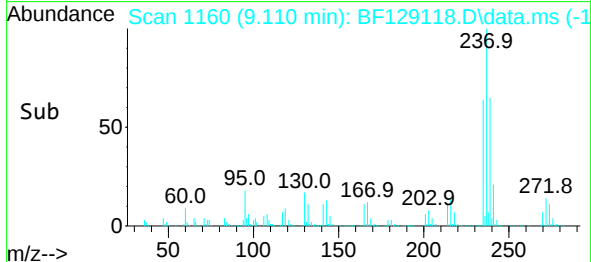
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



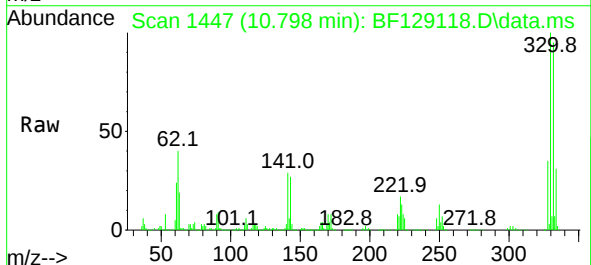
Tgt Ion:237 Resp: 1200780  
Ion Ratio Lower Upper  
237 100  
235 63.6 43.2 83.2  
272 13.7 0.0 31.9

Manual Integrations  
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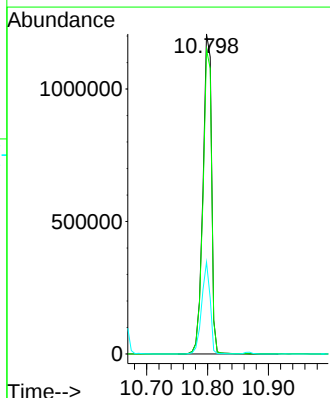
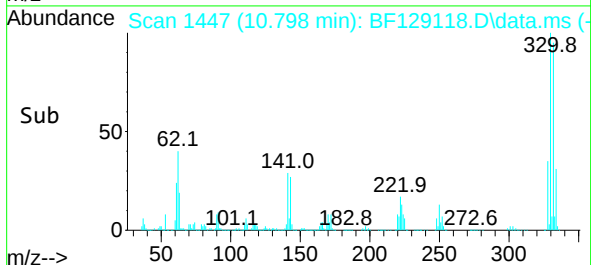
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

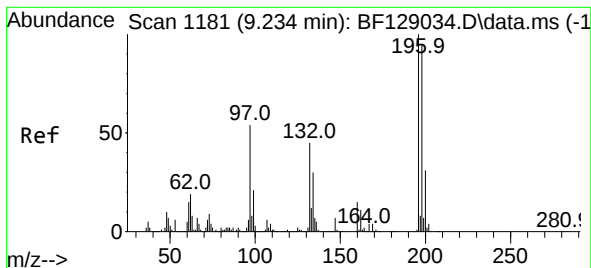


#42  
2,4,6-Tribromophenol  
Concen: 117.015 ng  
RT: 10.798 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:330 Resp: 1183666  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.8 115.2  
141 28.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 39.753 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

Tgt Ion:196 Resp: 708045

Ion Ratio Lower Upper

196 100

198 95.0 74.0 111.0

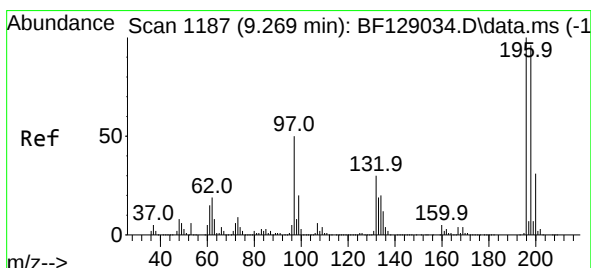
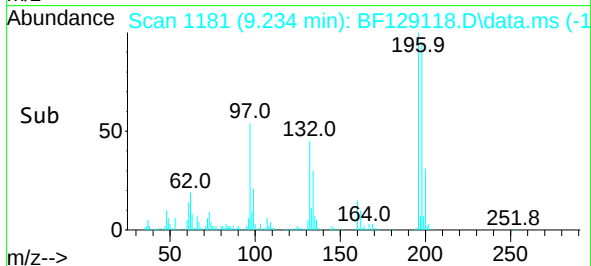
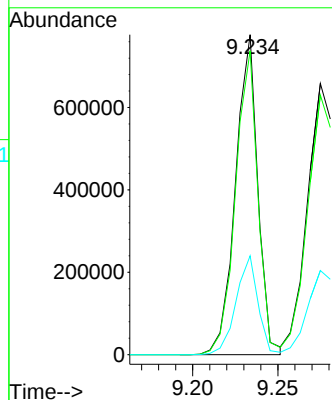
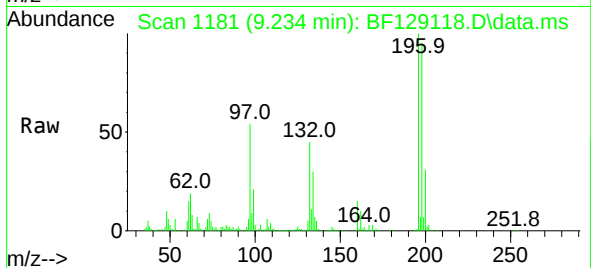
200 30.9 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#44

2,4,5-Trichlorophenol

Concen: 39.612 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Tgt Ion:196 Resp: 750456

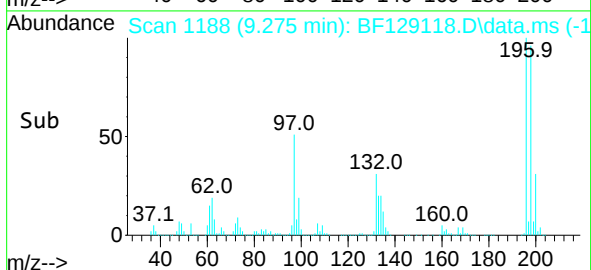
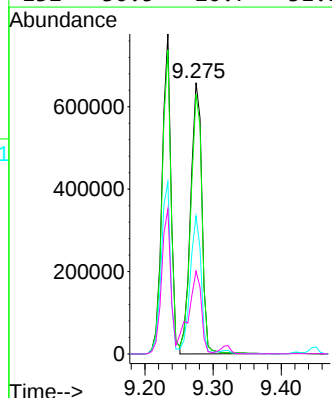
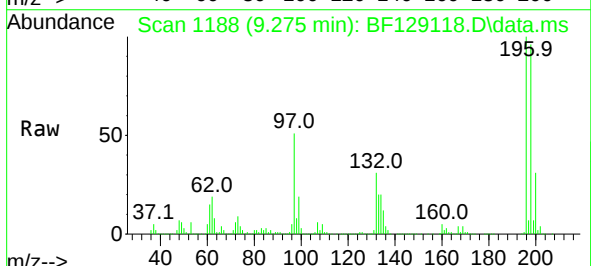
Ion Ratio Lower Upper

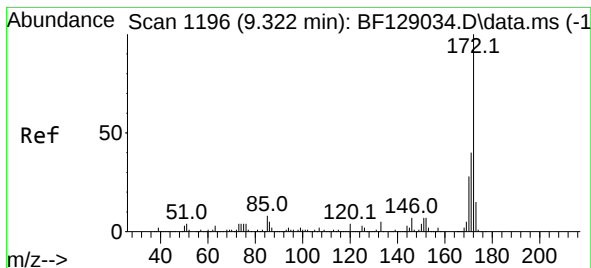
196 100

198 95.7 75.7 113.5

97 50.9 36.4 54.6

132 30.5 20.7 31.1





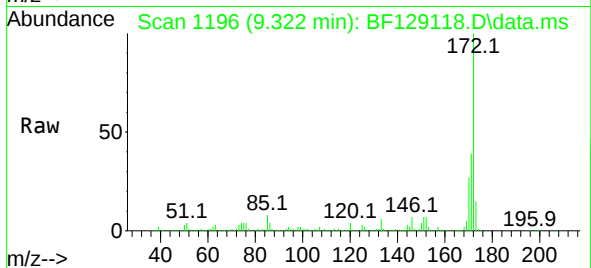
#45  
2-Fluorobiphenyl  
Concen: 66.390 ng  
RT: 9.322 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

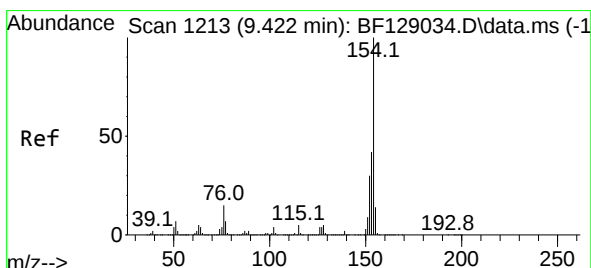
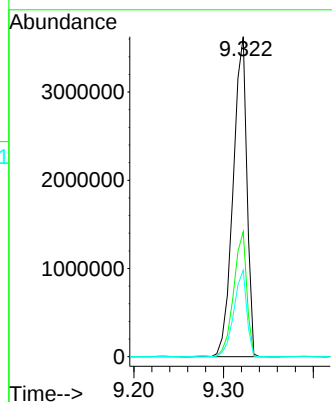
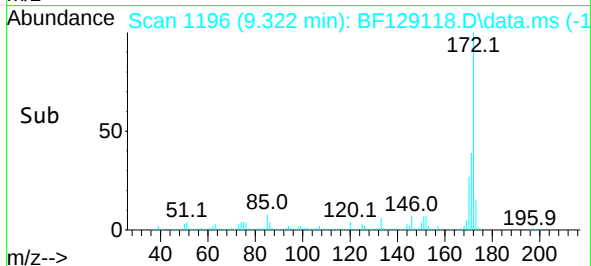


Tgt Ion:172 Resp: 3860660  
Ion Ratio Lower Upper  
172 100  
171 39.1 28.8 43.2  
170 27.0 19.8 29.8

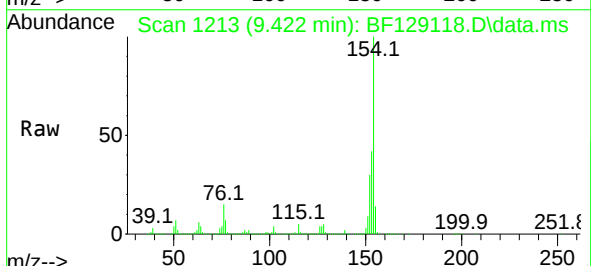
Manual Integrations

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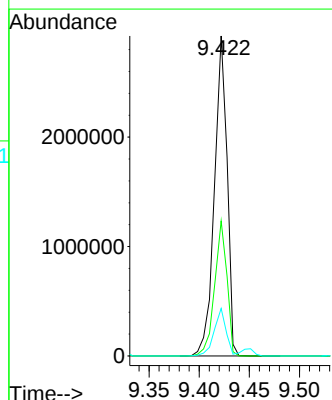
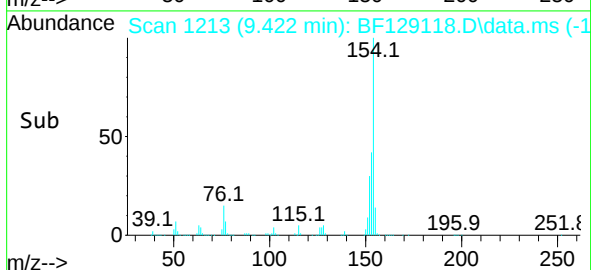
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#46  
1,1'-Biphenyl  
Concen: 38.439 ng  
RT: 9.422 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



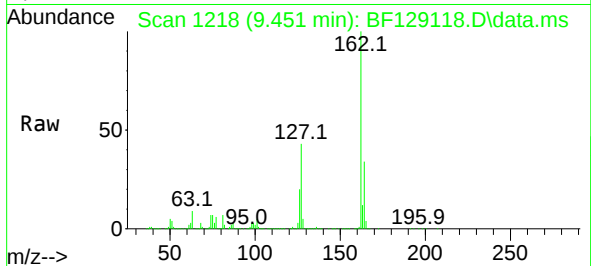
Tgt Ion:154 Resp: 2570874  
Ion Ratio Lower Upper  
154 100  
153 42.2 20.6 60.6  
76 14.8 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 38.362 ng  
RT: 9.451 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

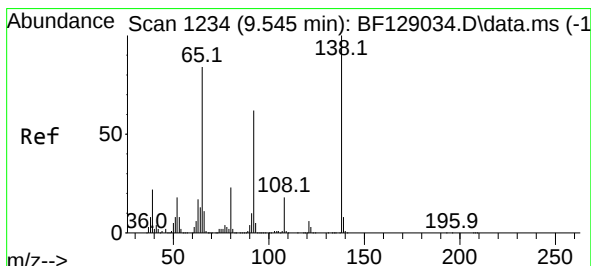
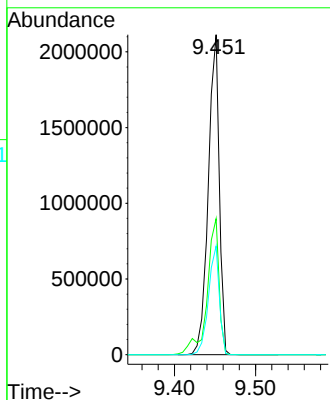
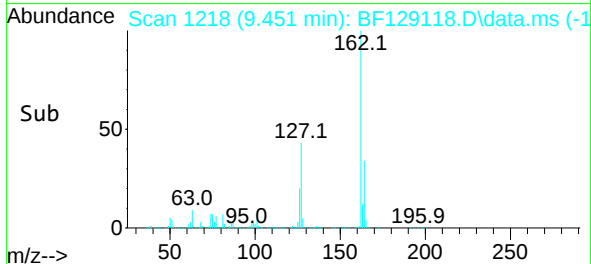
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



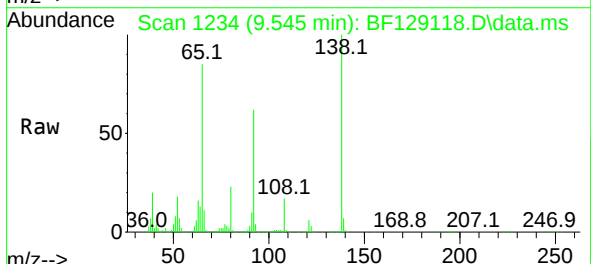
Tgt Ion:162 Resp: 1981334  
Ion Ratio Lower Upper  
162 100  
127 42.5 34.5 51.7  
164 33.9 26.5 39.7

Manual Integrations  
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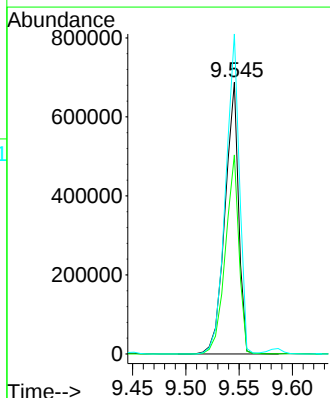
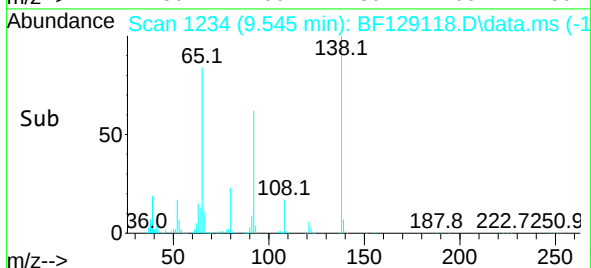
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#48  
2-Nitroaniline  
Concen: 45.010 ng  
RT: 9.545 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion: 65 Resp: 612273  
Ion Ratio Lower Upper  
65 100  
92 73.2 51.9 77.9  
138 117.8 76.4 114.6#





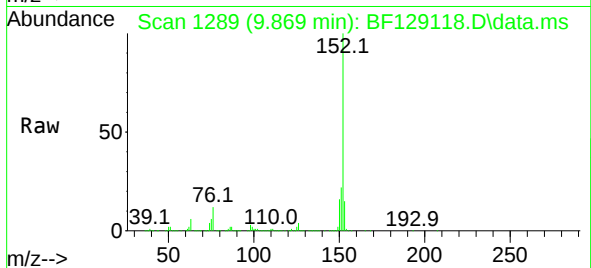
#49  
Acenaphthylene  
Concen: 40.685 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

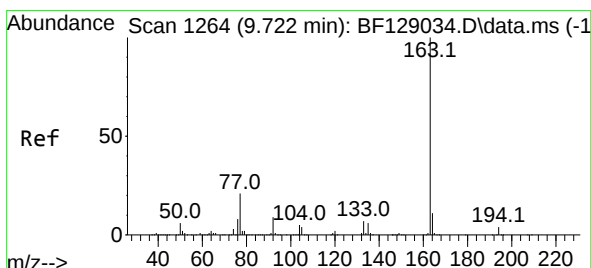
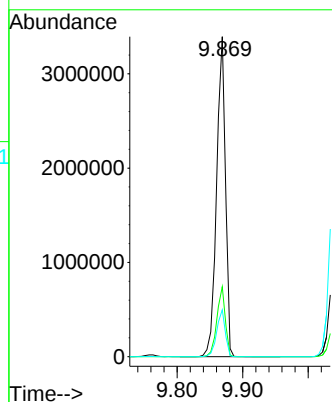
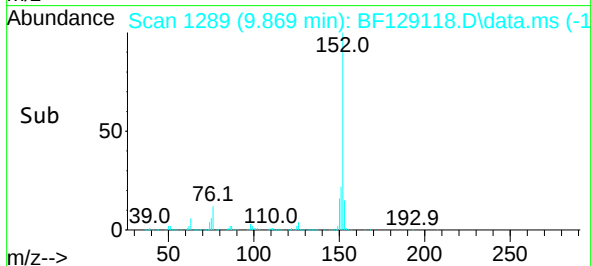


Tgt Ion:152 Resp: 3192908  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.2 24.4  
153 14.7 10.7 16.1

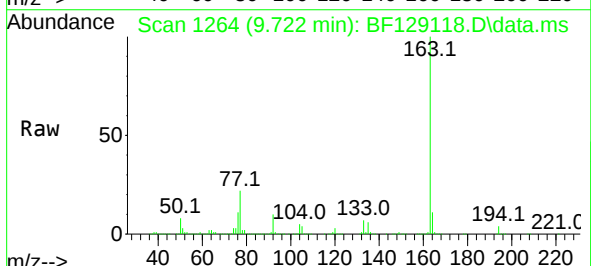
Manual Integrations

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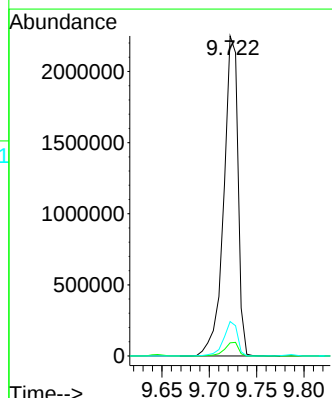
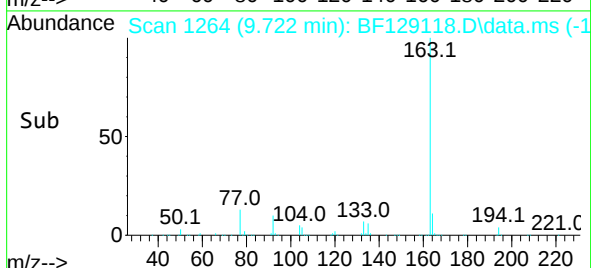
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

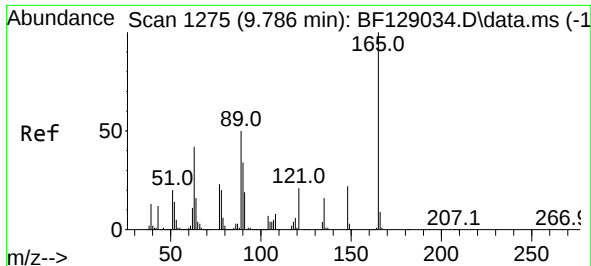


#50  
Dimethylphthalate  
Concen: 40.488 ng  
RT: 9.722 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



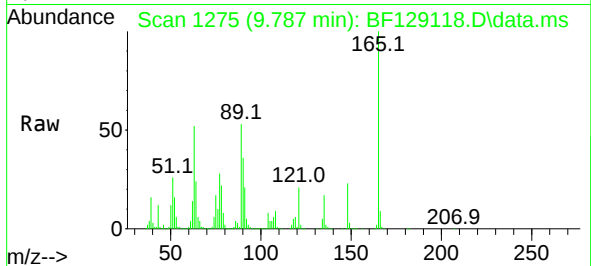
Tgt Ion:163 Resp: 2356360  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.8 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 45.338 ng  
RT: 9.787 min Scan# 1275  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

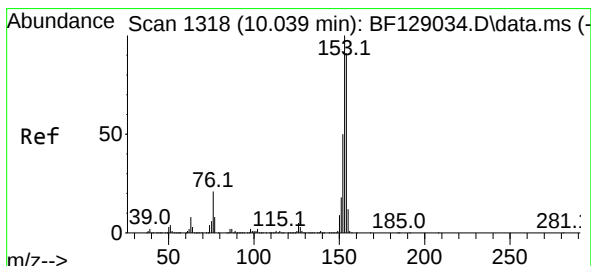
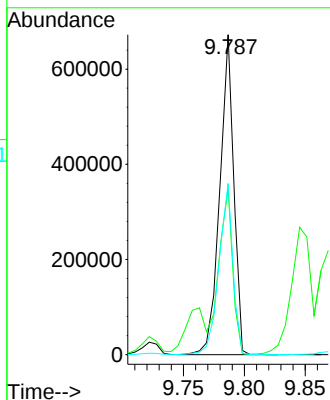
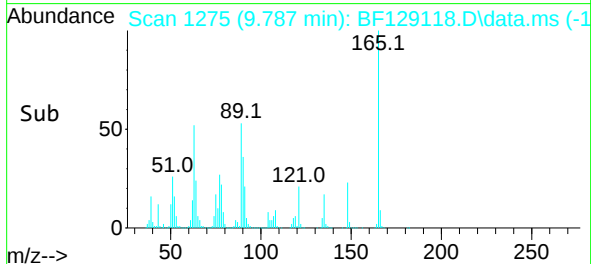
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



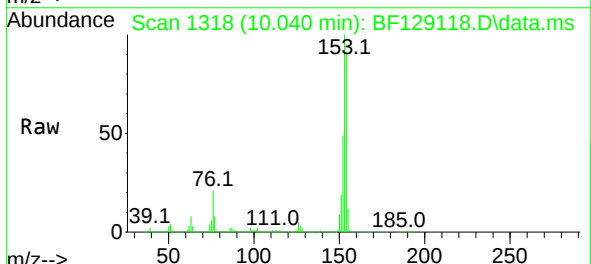
Tgt Ion:165 Resp: 53918  
Ion Ratio Lower Upper  
165 100  
63 51.8 44.9 67.3  
89 53.5 43.6 65.4

Manual Integrations  
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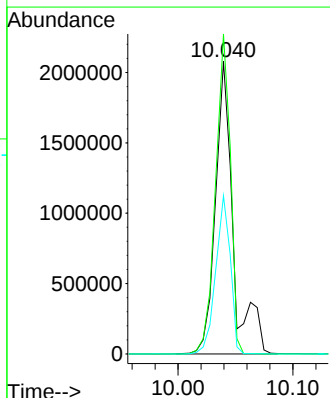
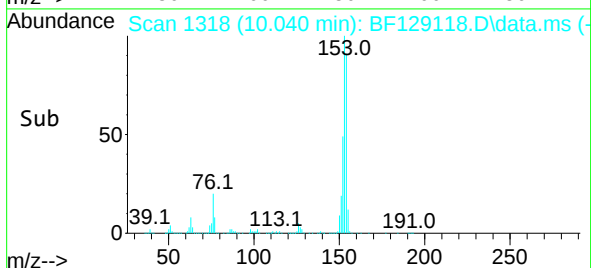
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#52  
Acenaphthene  
Concen: 43.533 ng m  
RT: 10.040 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



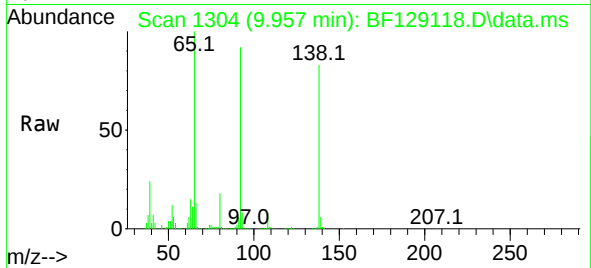
Tgt Ion:154 Resp: 2225372  
Ion Ratio Lower Upper  
154 100  
153 109.4 89.6 134.4  
152 54.1 42.4 63.6





#53  
3-Nitroaniline  
Concen: 35.086 ng  
RT: 9.957 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

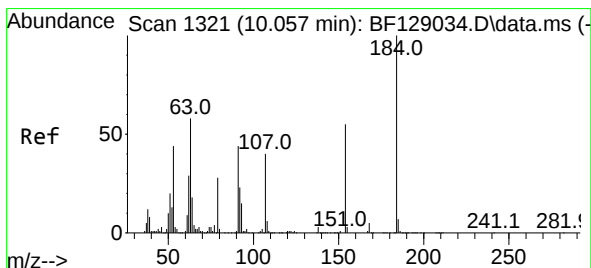
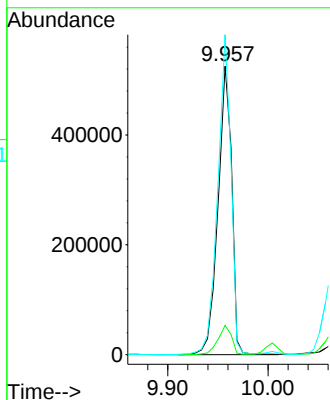
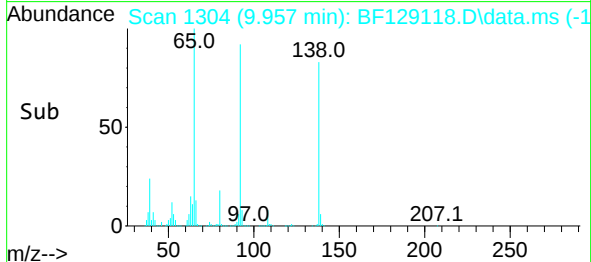
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



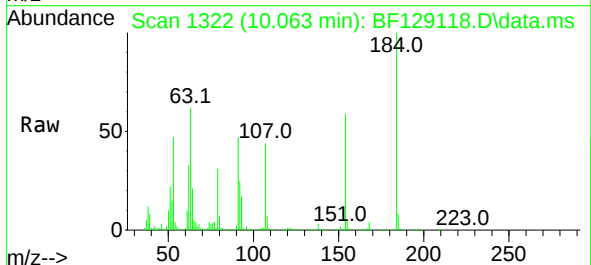
Tgt Ion:138 Resp: 497598  
Ion Ratio Lower Upper  
138 100  
108 10.2 10.9 16.3#  
92 110.9 98.2 147.2

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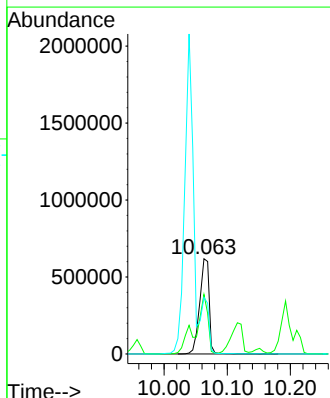
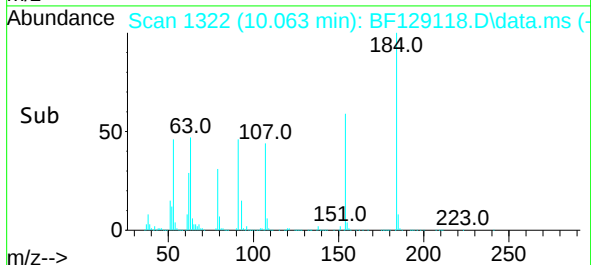
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

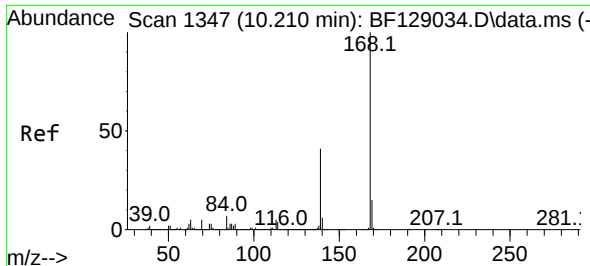


#54  
2,4-Dinitrophenol  
Concen: 98.457 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



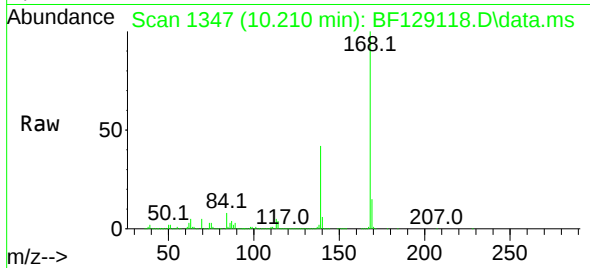
Tgt Ion:184 Resp: 644347  
Ion Ratio Lower Upper  
184 100  
63 62.5 64.5 96.7#  
154 59.4 50.6 75.8





#55  
Dibenzofuran  
Concen: 37.713 ng  
RT: 10.210 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

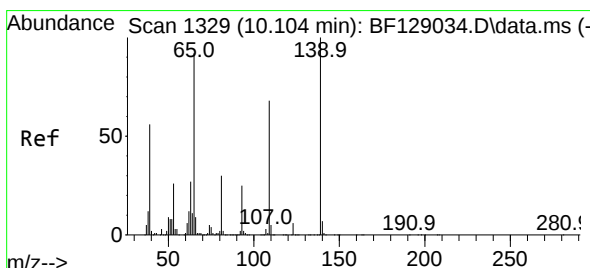
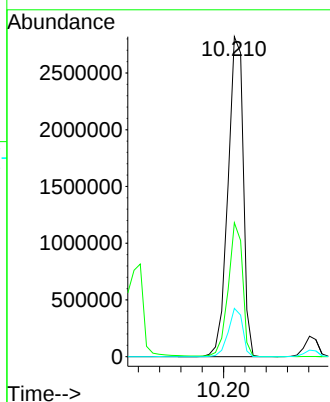
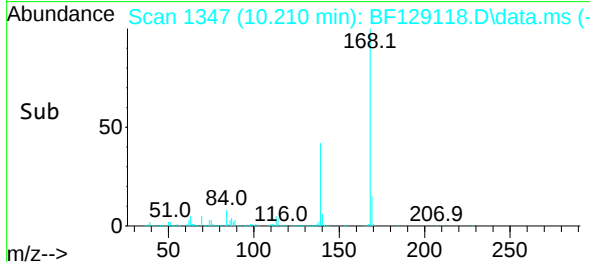
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



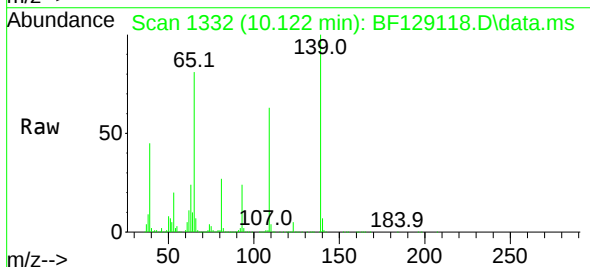
Tgt Ion:168 Resp: 2807229  
Ion Ratio Lower Upper  
168 100  
139 41.9 30.6 46.0  
169 15.1 11.0 16.6

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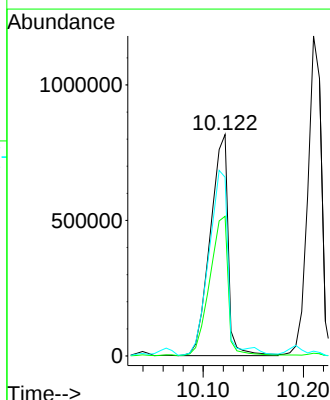
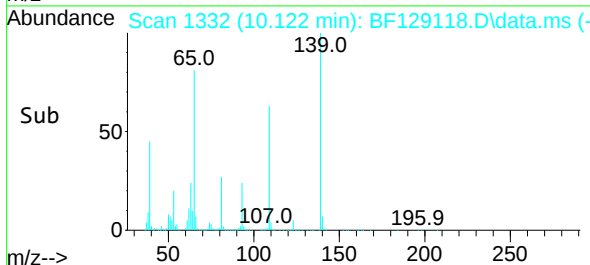
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

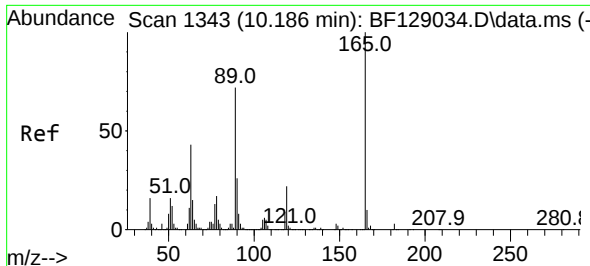


#56  
4-Nitrophenol  
Concen: 87.902 ng  
RT: 10.122 min Scan# 1332  
Delta R.T. 0.018 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:139 Resp: 1018569  
Ion Ratio Lower Upper  
139 100  
109 63.1 50.7 90.7  
65 80.8 74.5 114.5





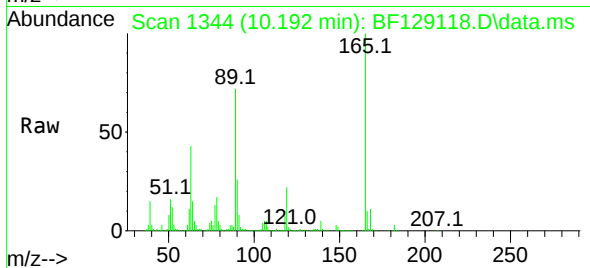
#57  
2,4-Dinitrotoluene  
Concen: 49.793 ng  
RT: 10.192 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

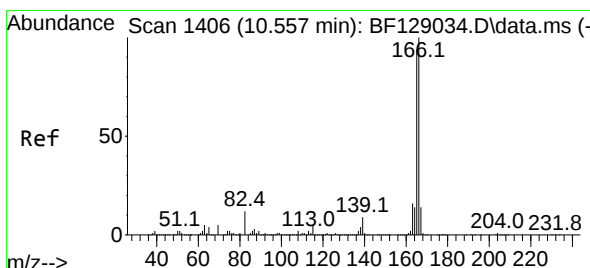
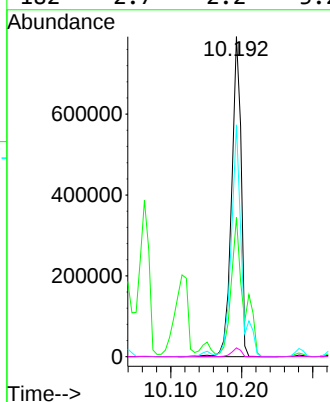
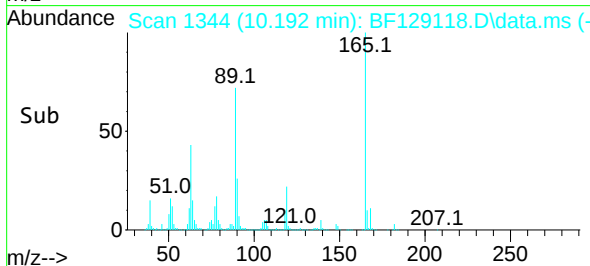


Tgt Ion:165 Resp: 731044  
Ion Ratio Lower Upper  
165 100  
63 43.5 39.8 59.6  
89 72.5 60.2 90.2  
182 2.7 2.2 3.2

Manual Integrations

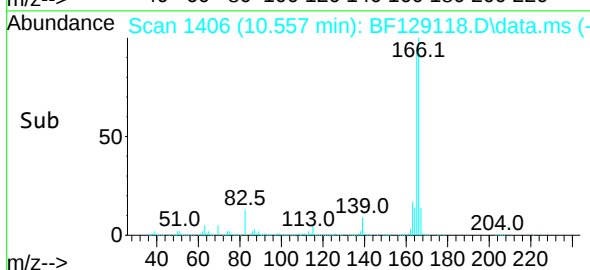
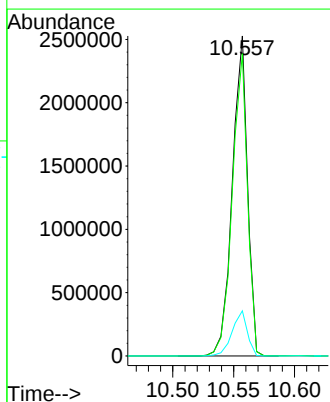
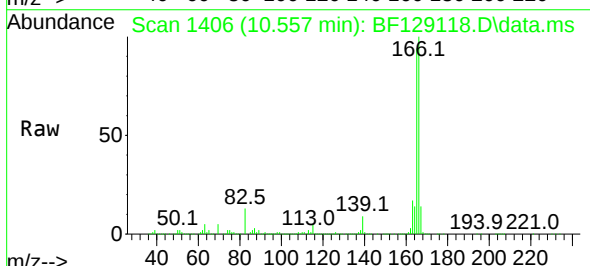
APPROVED

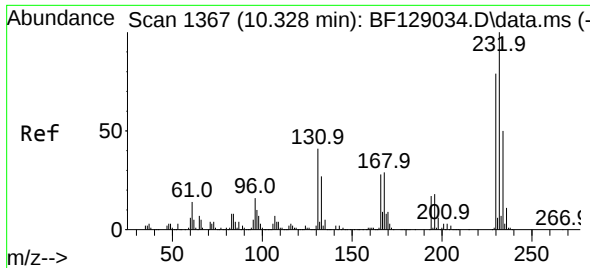
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#58  
Fluorene  
Concen: 37.960 ng  
RT: 10.557 min Scan# 1406  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

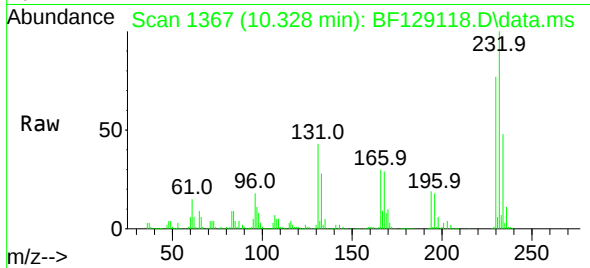
Tgt Ion:166 Resp: 2185619  
Ion Ratio Lower Upper  
166 100  
165 94.5 78.1 117.1  
167 14.1 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.280 ng  
RT: 10.328 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

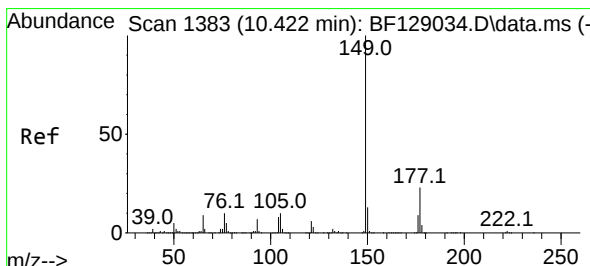
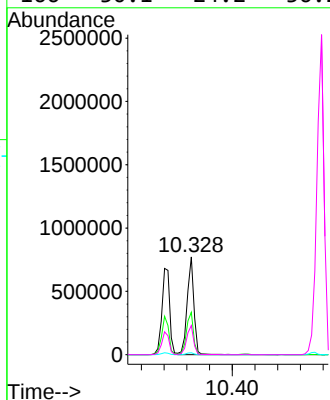
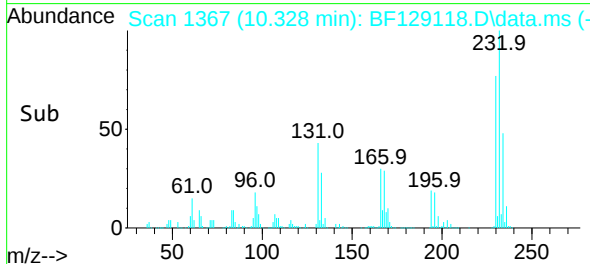
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



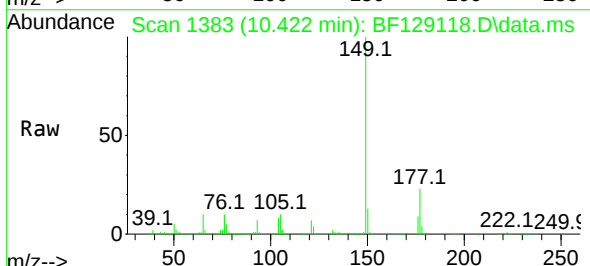
Tgt Ion:232 Resp: 632214  
Ion Ratio Lower Upper  
232 100  
131 44.7 36.1 54.1  
130 2.2 1.8 2.8  
166 30.1 24.2 36.2

Manual Integrations  
APPROVED

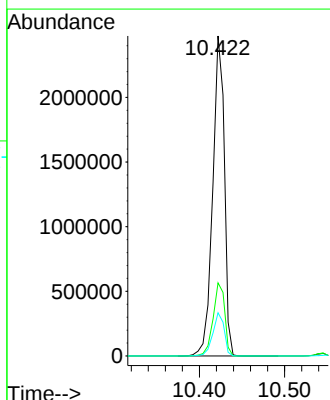
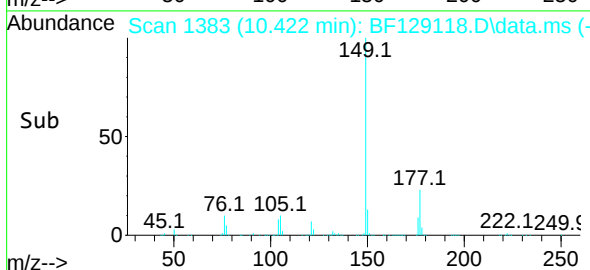
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

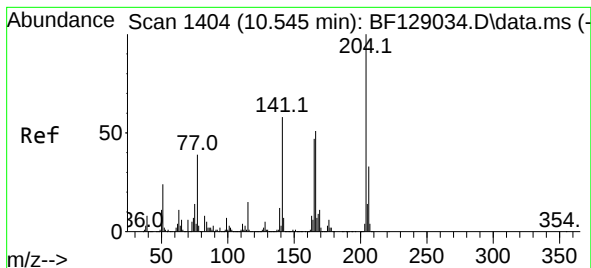


#60  
Diethylphthalate  
Concen: 40.262 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



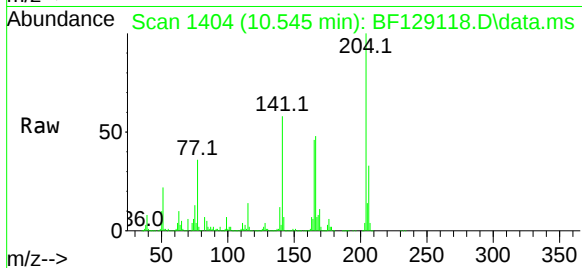
Tgt Ion:149 Resp: 2347956  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.3 25.9  
150 13.5 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 38.707 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

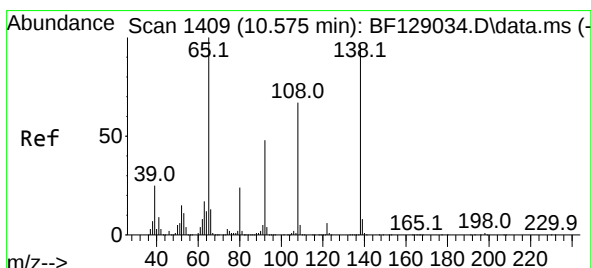
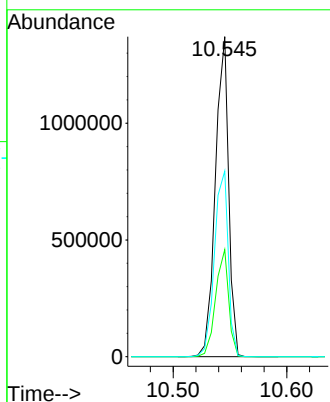
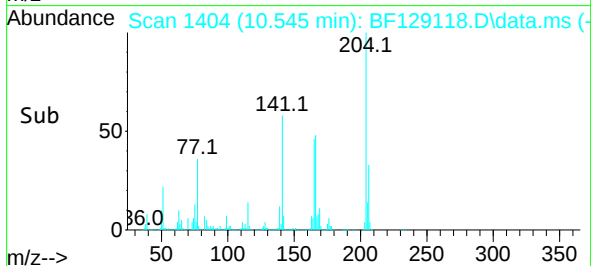
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



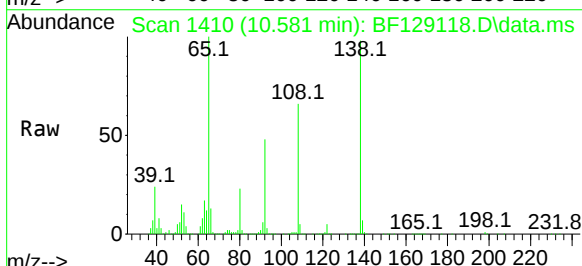
Tgt Ion:204 Resp: 1110420  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.8 38.6  
141 58.0 47.0 70.4

Manual Integrations  
APPROVED

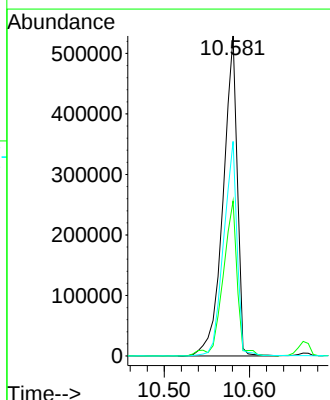
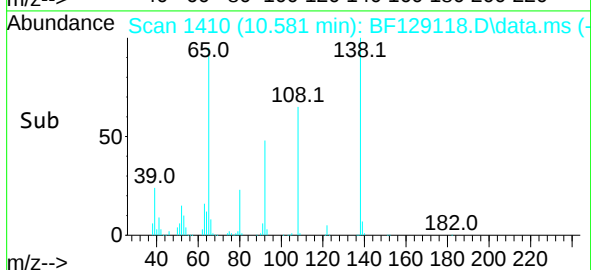
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

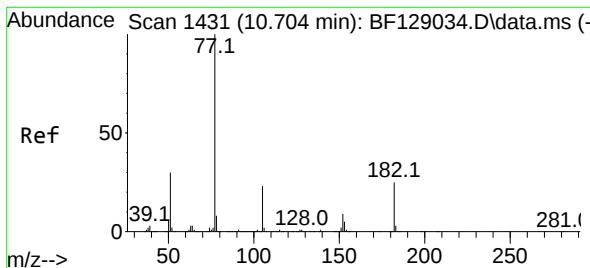


#62  
4-Nitroaniline  
Concen: 43.554 ng  
RT: 10.581 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



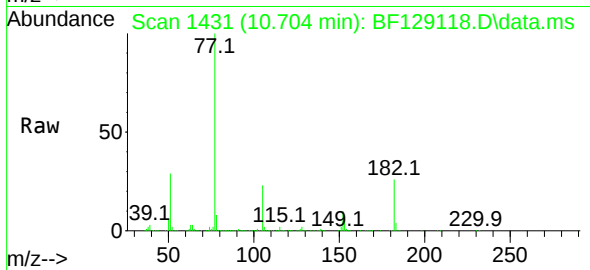
Tgt Ion:138 Resp: 612520  
Ion Ratio Lower Upper  
138 100  
92 48.5 33.5 73.5  
108 67.1 61.0 101.0





#63  
Azobenzene  
Concen: 38.910 ng  
RT: 10.704 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

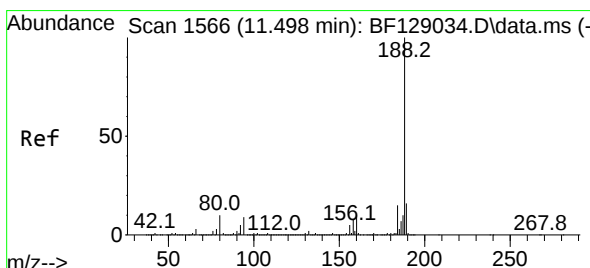
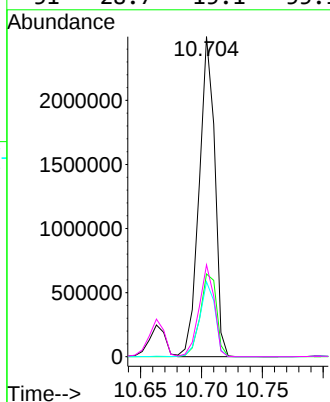
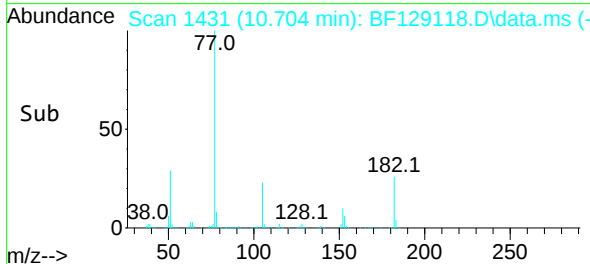
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



Tgt Ion: 77 Resp: 2223139  
Ion Ratio Lower Upper  
77 100  
182 25.9 5.6 45.6  
105 23.4 1.6 41.6  
51 28.7 15.1 55.1

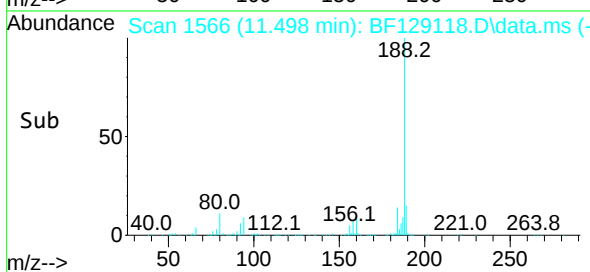
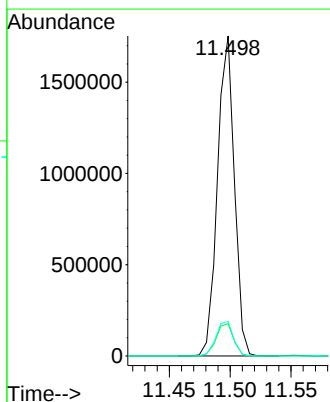
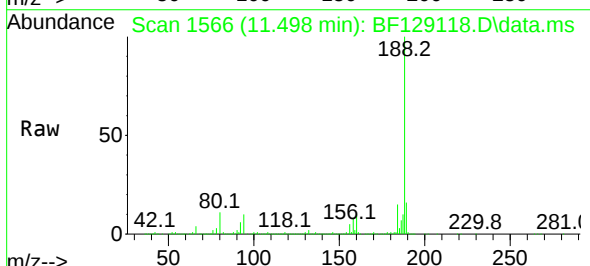
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.498 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

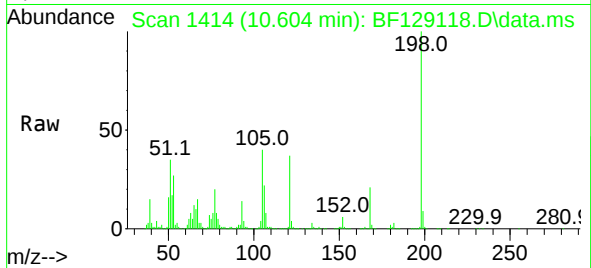
Tgt Ion:188 Resp: 1692227  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.0 10.6  
80 10.8 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.511 ng  
RT: 10.604 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

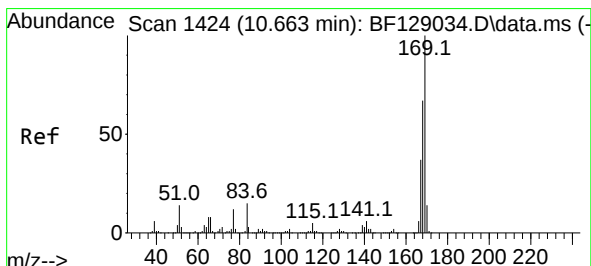
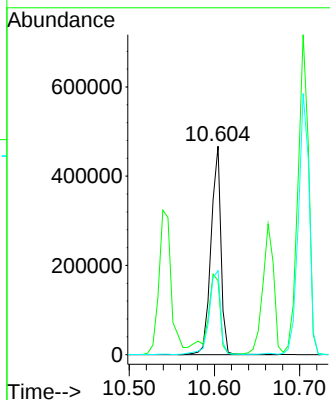
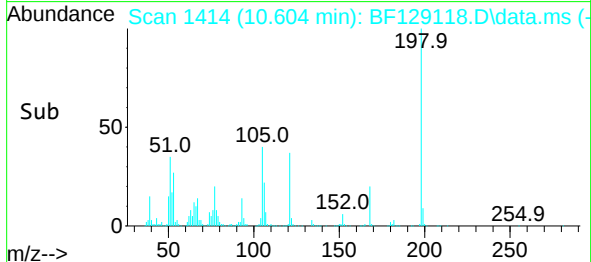
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



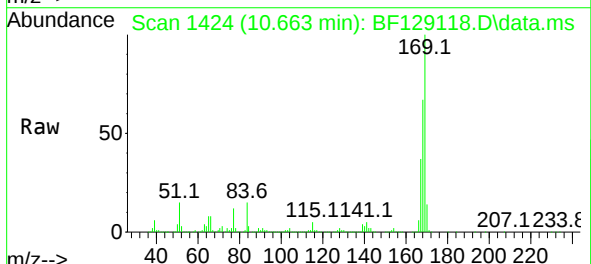
Tgt Ion:198 Resp: 378150  
Ion Ratio Lower Upper  
198 100  
51 35.5 37.6 77.6  
105 40.3 27.0 67.0

Manual Integrations  
APPROVED

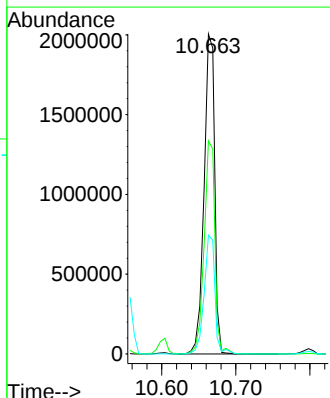
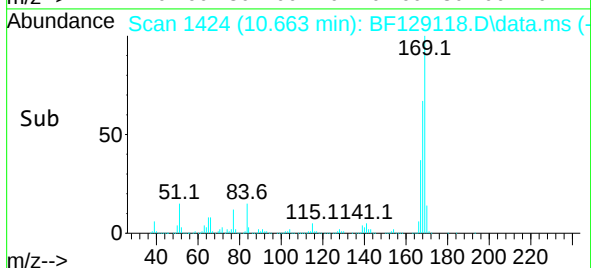
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

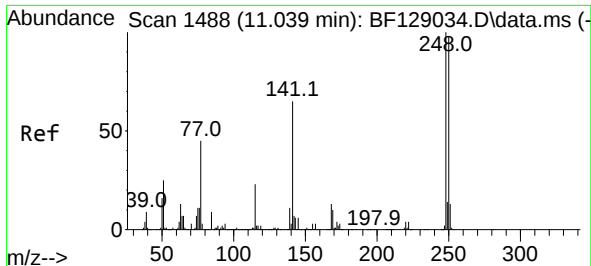


#66  
n-Nitrosodiphenylamine  
Concen: 38.899 ng  
RT: 10.663 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:169 Resp: 1999150  
Ion Ratio Lower Upper  
169 100  
168 66.6 50.1 75.1  
167 37.1 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 40.205 ng  
RT: 11.034 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

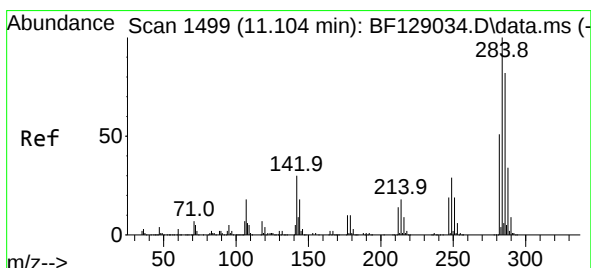
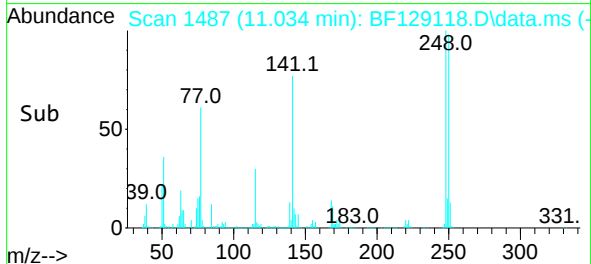
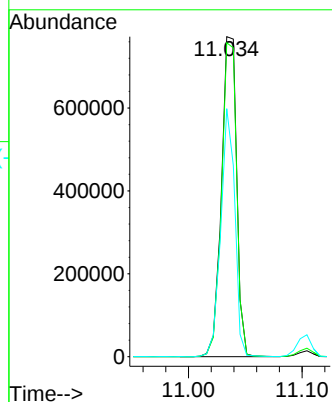
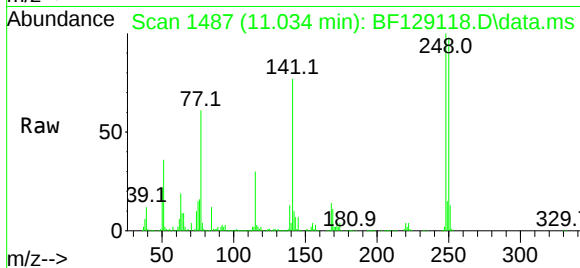
ClientSampleId :

PB145980BS

Tgt Ion:248 Resp: 723724  
Ion Ratio Lower Upper  
248 100  
250 98.1 80.6 120.8  
141 77.5 58.9 88.3

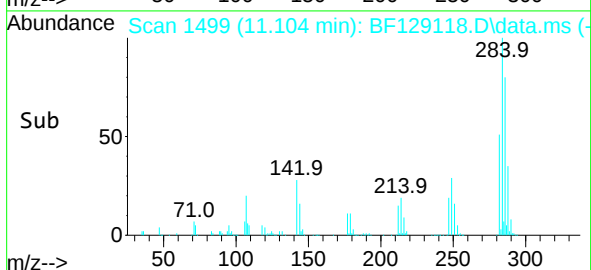
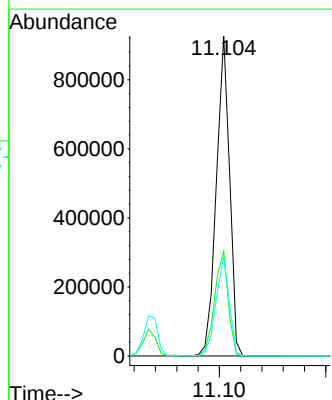
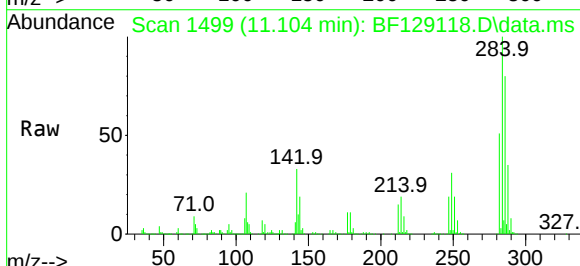
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#68  
Hexachlorobenzene  
Concen: 39.900 ng  
RT: 11.104 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Tgt Ion:284 Resp: 799764  
Ion Ratio Lower Upper  
284 100  
142 32.7 29.0 43.4  
249 30.9 25.0 37.6





#69

Atrazine

Concen: 45.355 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

Tgt Ion:200 Resp: 655918

Ion Ratio Lower Upper

200 100

173 28.3 6.3 46.3

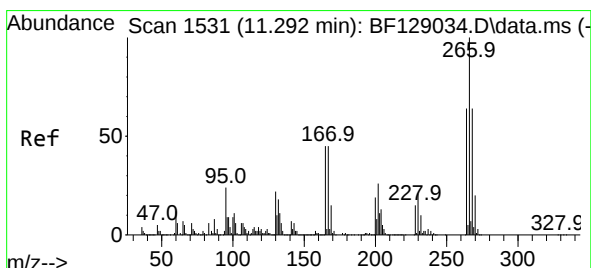
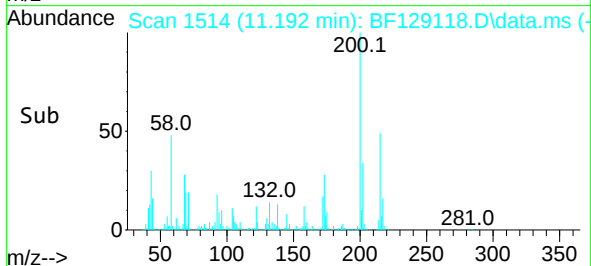
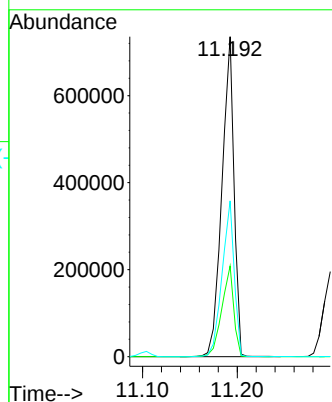
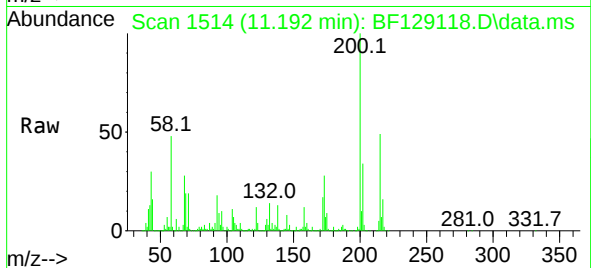
215 48.7 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#70

Pentachlorophenol

Concen: 83.738 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

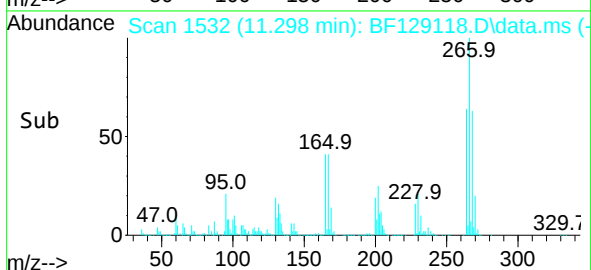
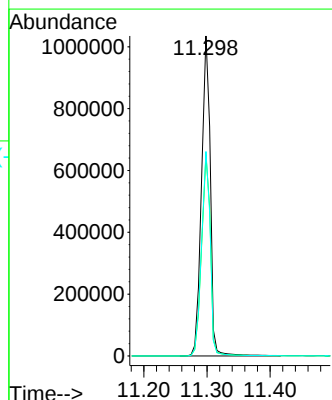
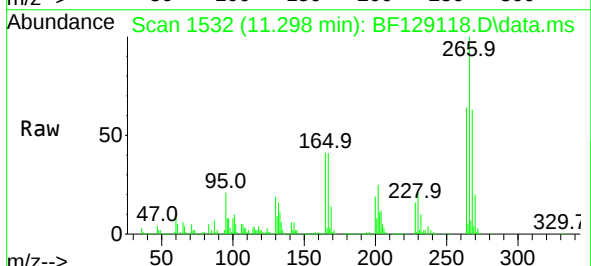
Tgt Ion:266 Resp: 999730

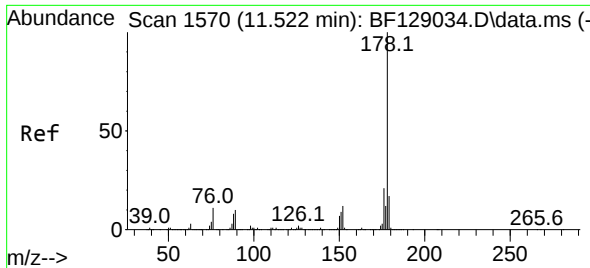
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

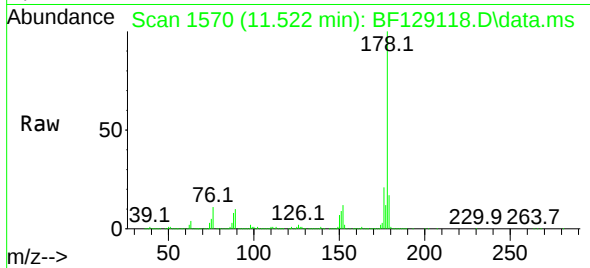
264 63.9 49.4 74.2





#71  
Phenanthrene  
Concen: 38.307 ng  
RT: 11.522 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

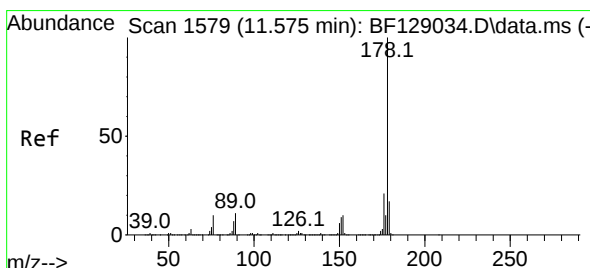
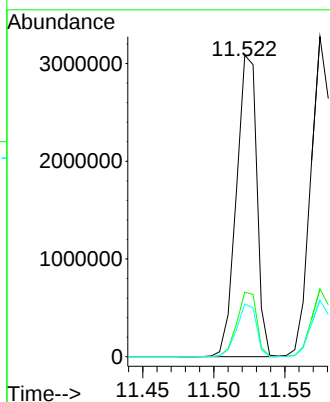
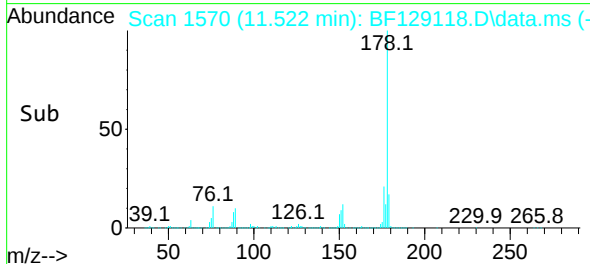
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



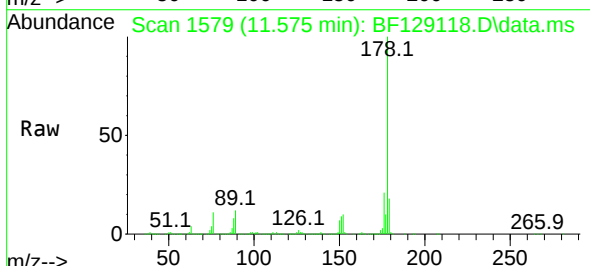
Tgt Ion:178 Resp: 309725  
Ion Ratio Lower Upper  
178 100  
176 21.4 16.0 24.0  
179 17.4 12.6 19.0

Manual Integrations  
APPROVED

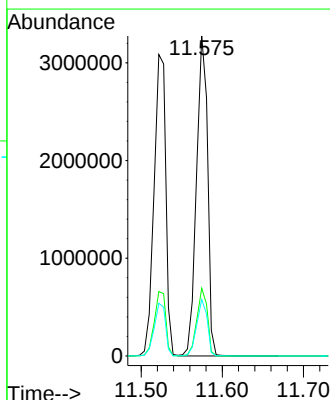
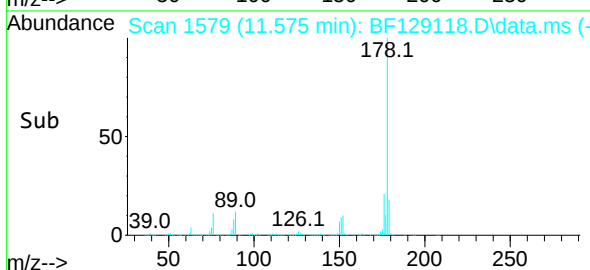
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

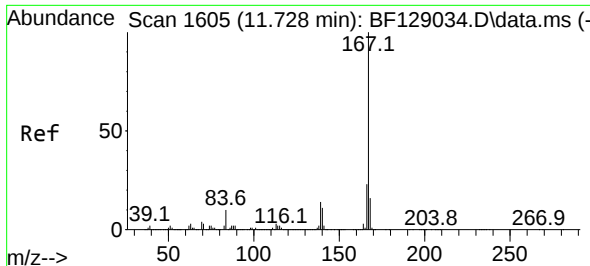


#72  
Anthracene  
Concen: 39.228 ng  
RT: 11.575 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



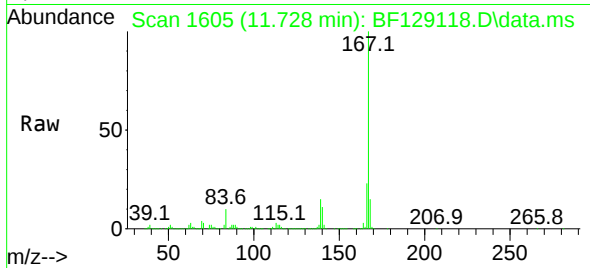
Tgt Ion:178 Resp: 3127156  
Ion Ratio Lower Upper  
178 100  
176 21.2 15.4 23.2  
179 17.6 12.6 19.0





#73  
 Carbazole  
 Concen: 38.046 ng  
 RT: 11.728 min Scan# 1605  
 Delta R.T. 0.000 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06

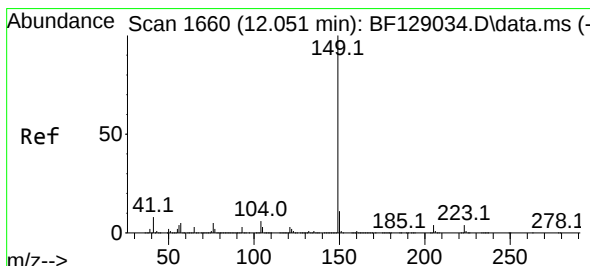
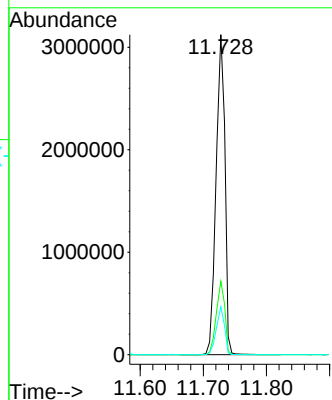
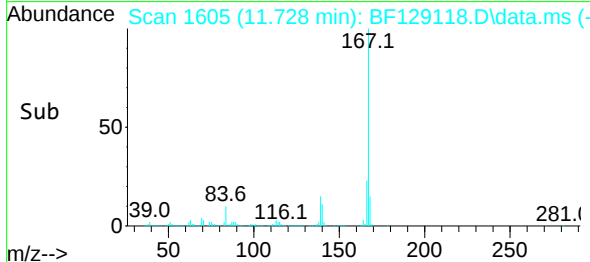
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145980BS



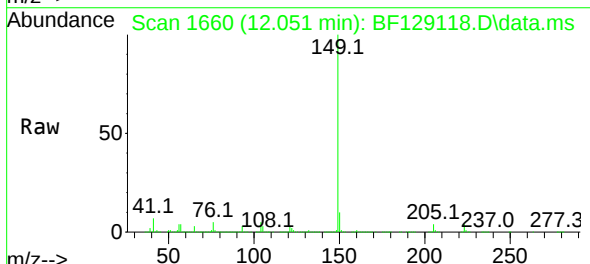
Tgt Ion:167 Resp: 3039083  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.7 26.5  
 139 15.0 11.2 16.8

Manual Integrations  
 APPROVED

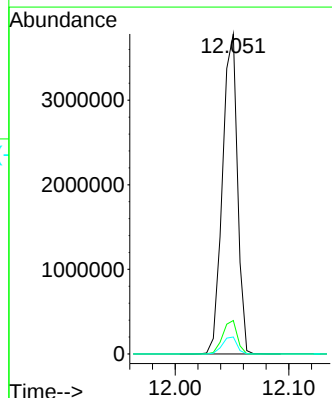
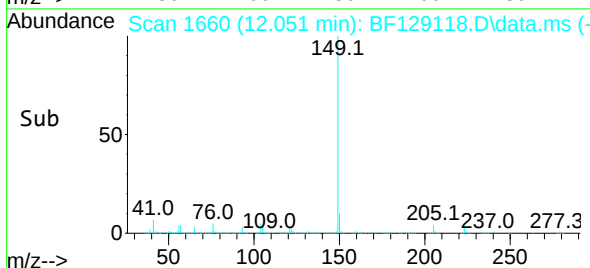
Reviewed By :Christian Giraldo 07/06/2022  
 Supervised By :Jagrut Upadhyay 07/06/2022

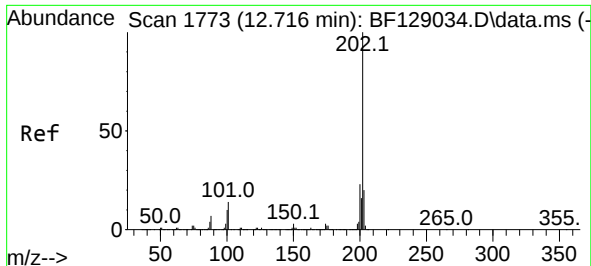


#74  
 Di-n-butylphthalate  
 Concen: 41.379 ng  
 RT: 12.051 min Scan# 1660  
 Delta R.T. 0.000 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06



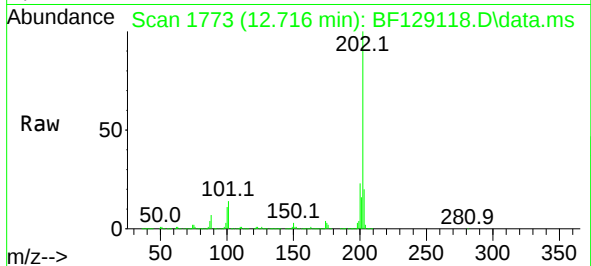
Tgt Ion:149 Resp: 3485032  
 Ion Ratio Lower Upper  
 149 100  
 150 10.4 7.5 11.3  
 104 5.3 4.4 6.6





#75  
Fluoranthene  
Concen: 39.225 ng  
RT: 12.716 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

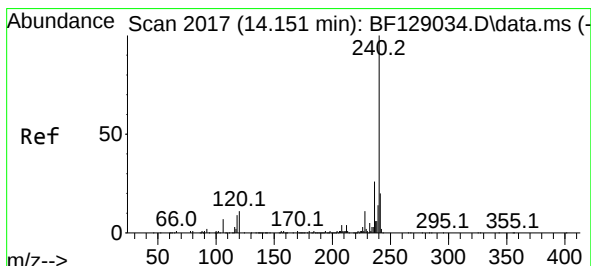
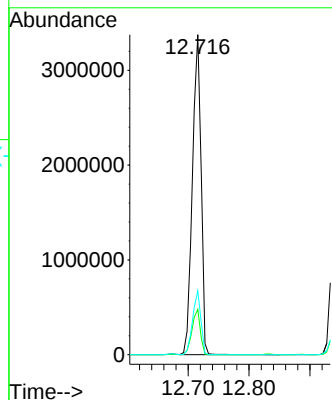
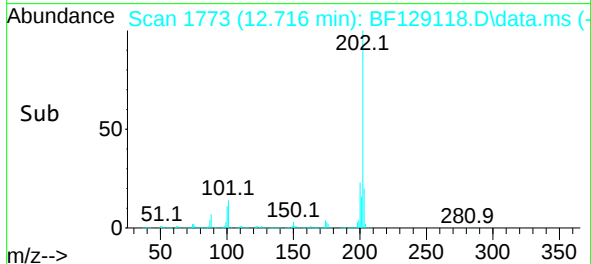
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



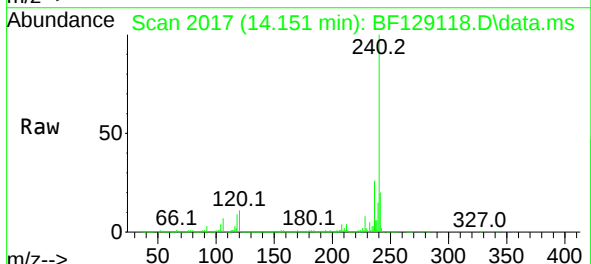
Tgt Ion:202 Resp: 331684  
Ion Ratio Lower Upper  
202 100  
101 14.2 0.0 31.4  
203 20.0 0.0 38.0

Manual Integrations  
APPROVED

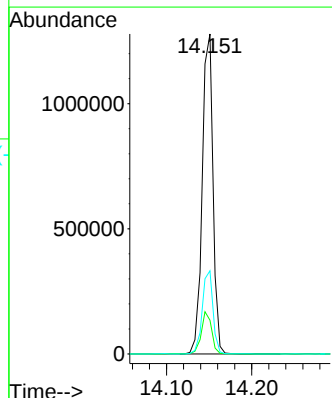
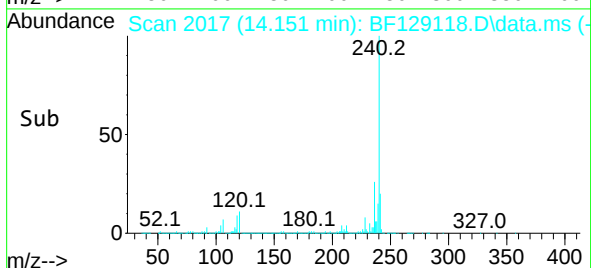
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

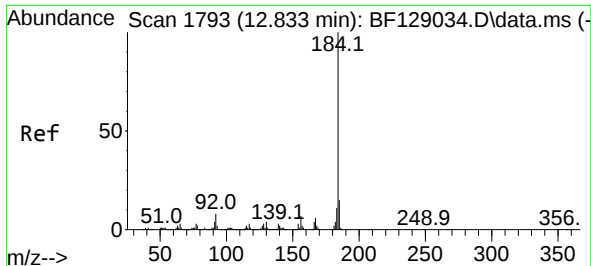


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.151 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



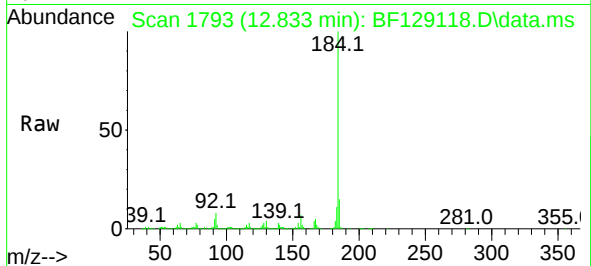
Tgt Ion:240 Resp: 1123318  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.9 13.3  
236 26.0 20.8 31.2





#77  
Benzidine  
Concen: 55.351 ng  
RT: 12.833 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

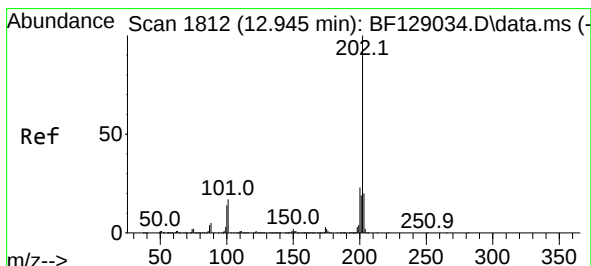
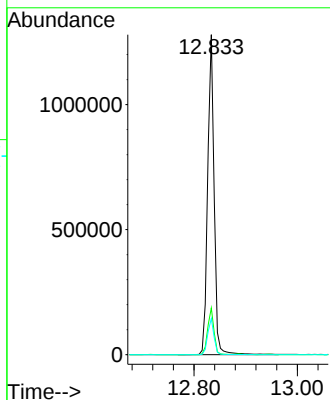
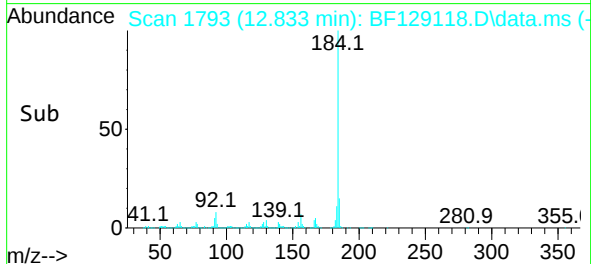
Instrument :  
BNA\_F  
ClientSampleId :  
PB145980BS



Tgt Ion:184 Resp: 1107135  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.9 17.9  
183 11.3 9.3 13.9

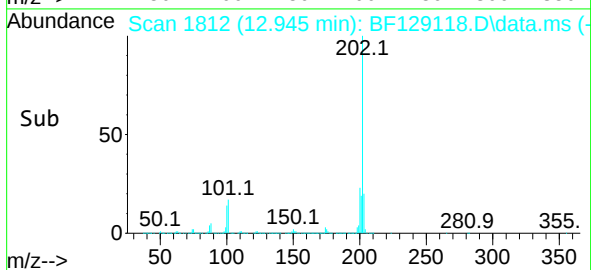
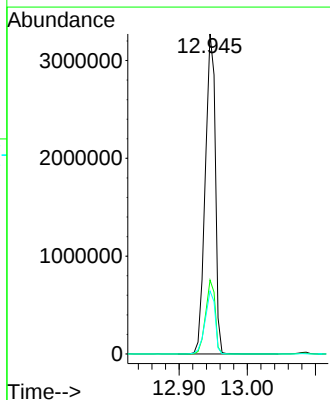
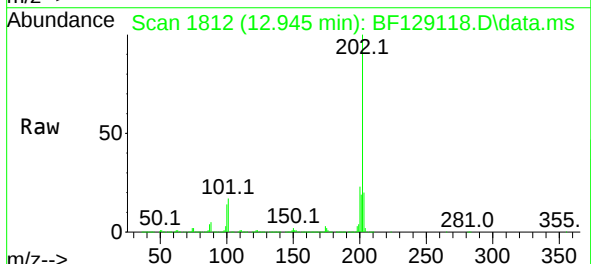
Manual Integrations  
APPROVED

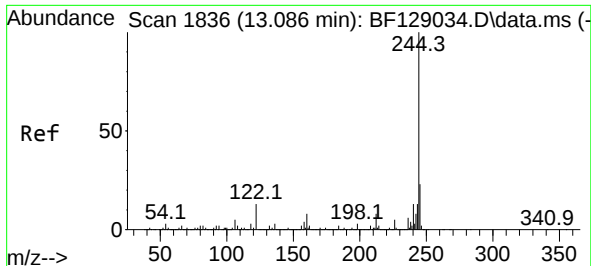
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#78  
Pyrene  
Concen: 43.086 ng  
RT: 12.945 min Scan# 1812  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

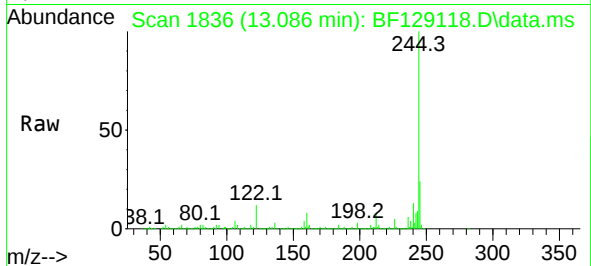
Tgt Ion:202 Resp: 3354801  
Ion Ratio Lower Upper  
202 100  
200 23.1 17.7 26.5  
203 19.7 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 80.638 ng  
 RT: 13.086 min Scan# 1836  
 Delta R.T. 0.000 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06

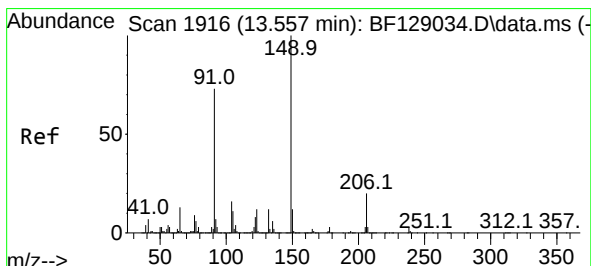
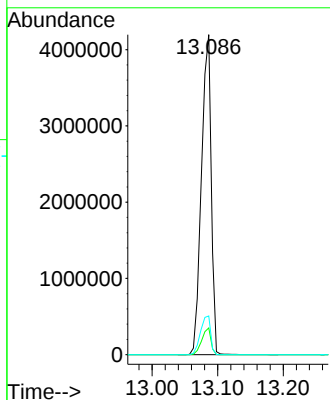
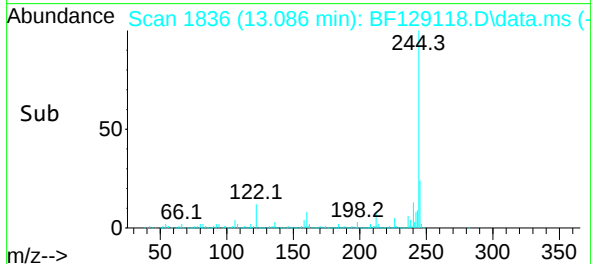
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145980BS



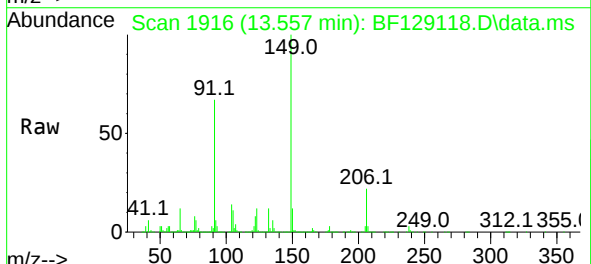
Tgt Ion:244 Resp: 436195  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.1 9.1  
 122 12.1 8.8 13.2

Manual Integrations  
 APPROVED

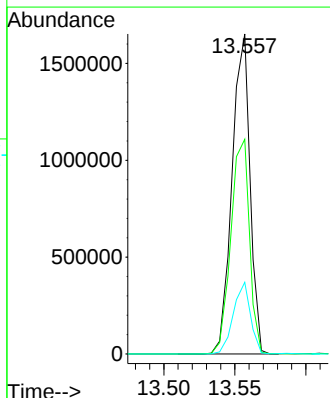
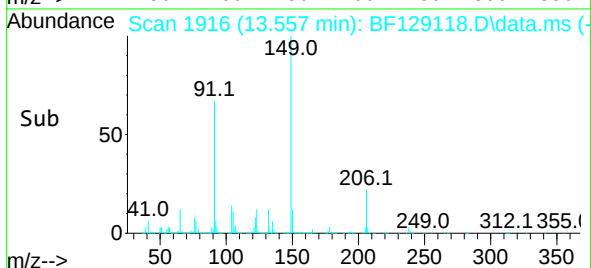
Reviewed By :Christian Giraldo 07/06/2022  
 Supervised By :Jagrut Upadhyay 07/06/2022

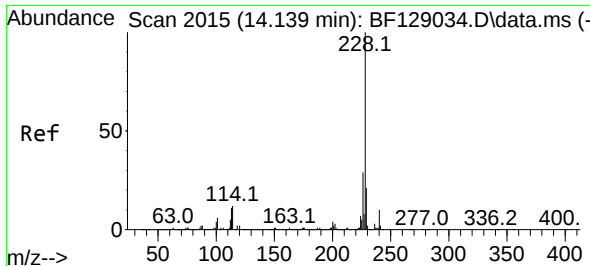


#80  
 Butylbenzylphthalate  
 Concen: 45.776 ng  
 RT: 13.557 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06



Tgt Ion:149 Resp: 1452039  
 Ion Ratio Lower Upper  
 149 100  
 91 67.1 61.2 91.8  
 206 22.4 15.7 23.5





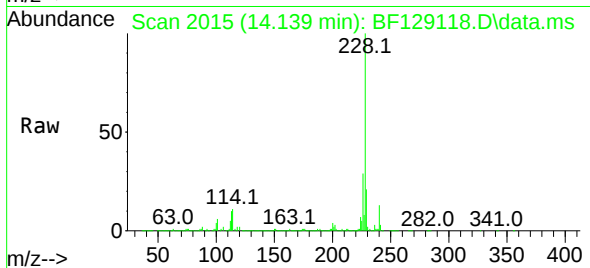
#81  
Benzo(a)anthracene  
Concen: 41.420 ng  
RT: 14.139 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

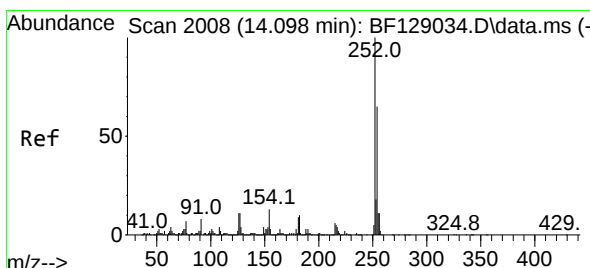
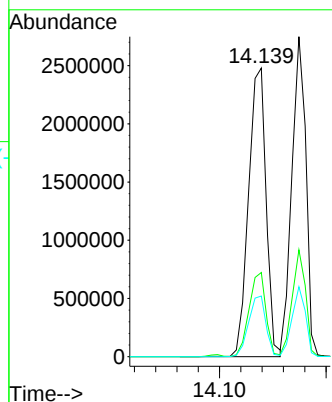
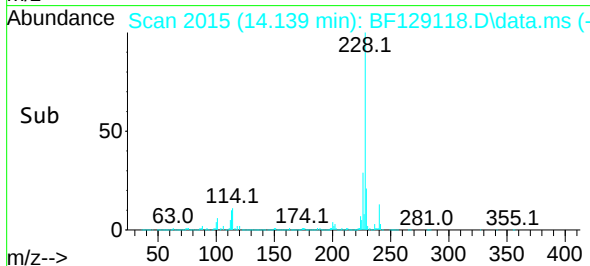


Tgt Ion:228 Resp: 284094  
Ion Ratio Lower Upper  
228 100  
226 29.2 22.1 33.1  
229 21.0 15.8 23.8

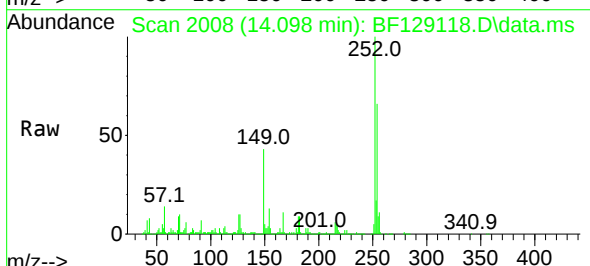
Manual Integrations

APPROVED

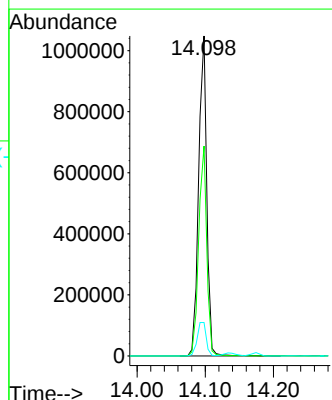
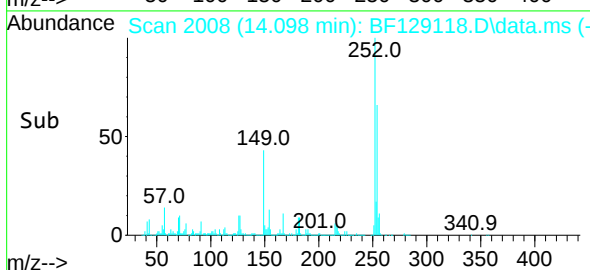
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

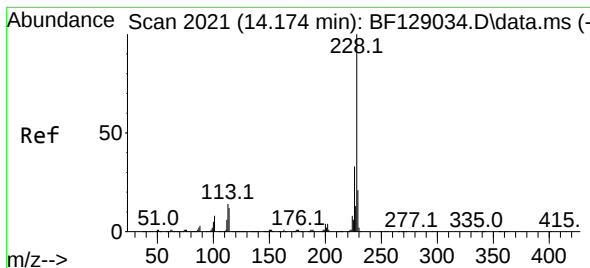


#82  
3,3'-Dichlorobenzidine  
Concen: 58.479 ng  
RT: 14.098 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:252 Resp: 866661  
Ion Ratio Lower Upper  
252 100  
254 65.6 50.2 75.4  
126 10.5 8.2 12.4





#83

Chrysene

Concen: 39.903 ng

RT: 14.175 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

Tgt Ion:228 Resp: 2540809

Ion Ratio Lower Upper

228 100

226 33.4 24.3 36.5

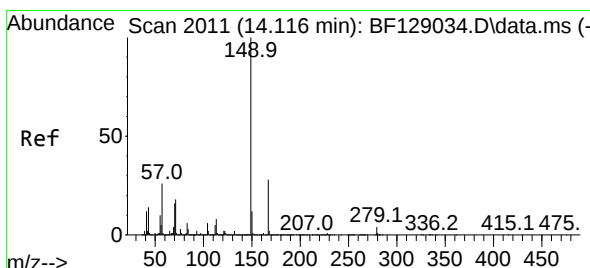
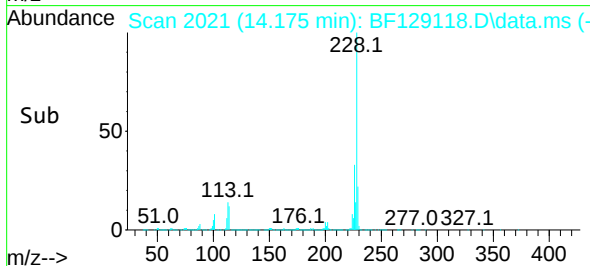
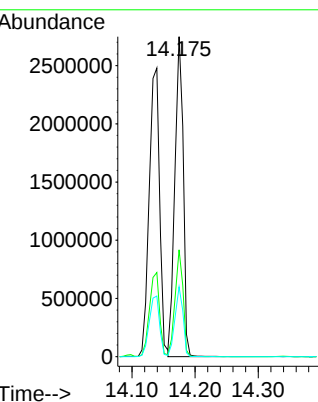
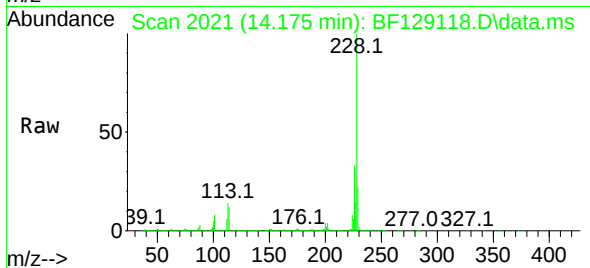
229 21.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.342 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

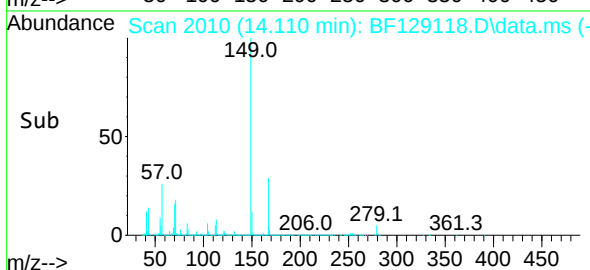
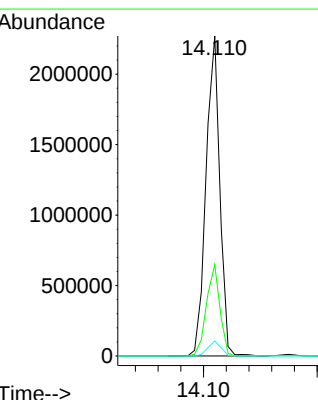
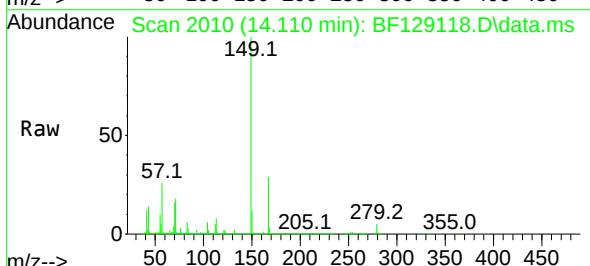
Tgt Ion:149 Resp: 1911437

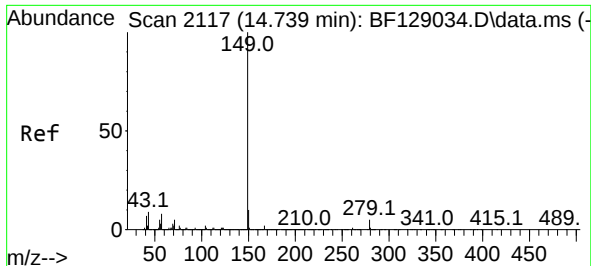
Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

279 4.7 3.1 4.7#





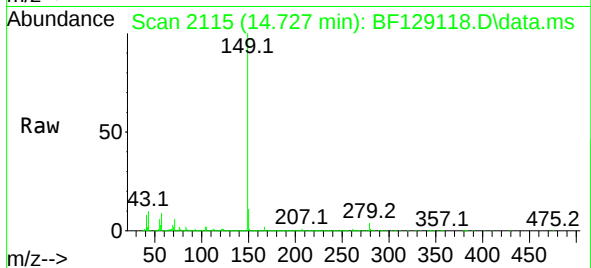
#85  
Di-n-octyl phthalate  
Concen: 46.033 ng  
RT: 14.727 min Scan# 2115  
Delta R.T. -0.012 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

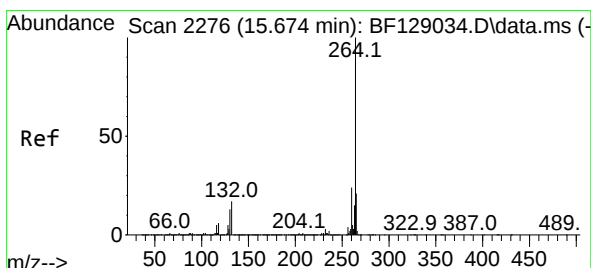
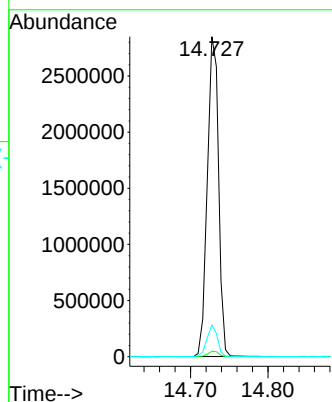
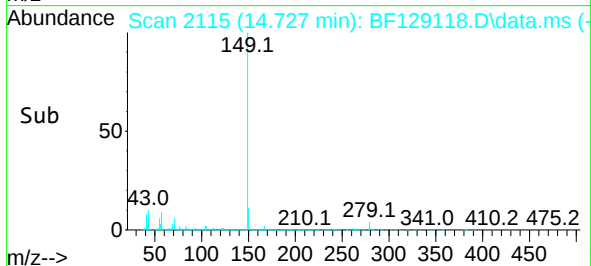


Tgt Ion:149 Resp: 2864660  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.1 9.2 13.8

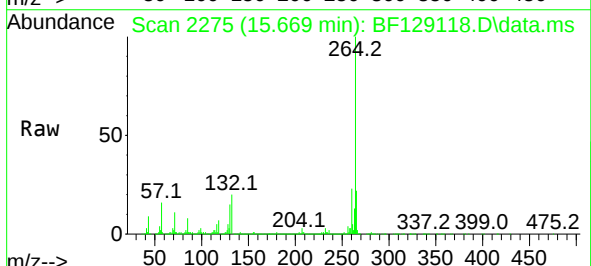
Manual Integrations

APPROVED

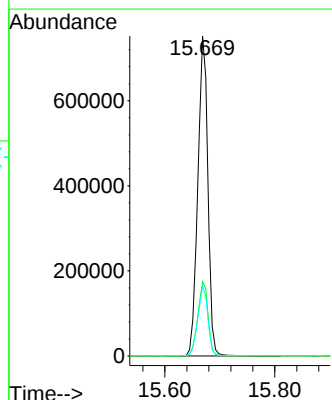
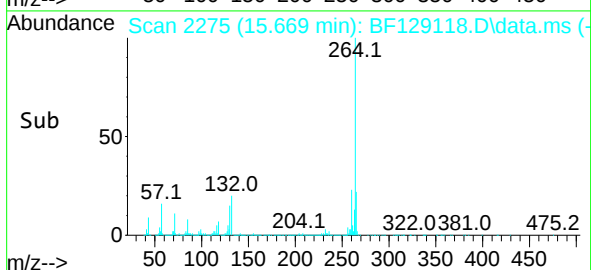
Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022

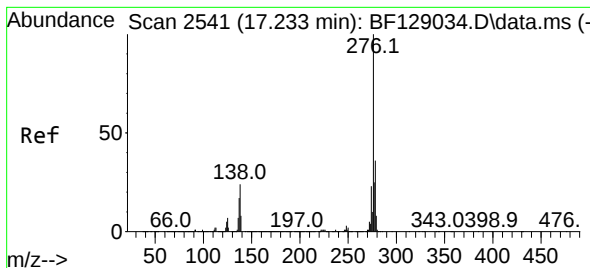


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.669 min Scan# 2275  
Delta R.T. -0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



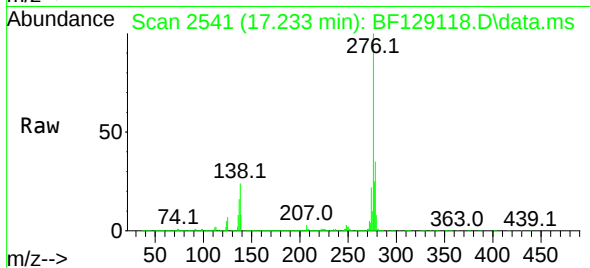
Tgt Ion:264 Resp: 956442  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.4 27.6  
265 21.8 17.2 25.8





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.829 ng  
 RT: 17.233 min Scan# 2118  
 Delta R.T. 0.000 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06

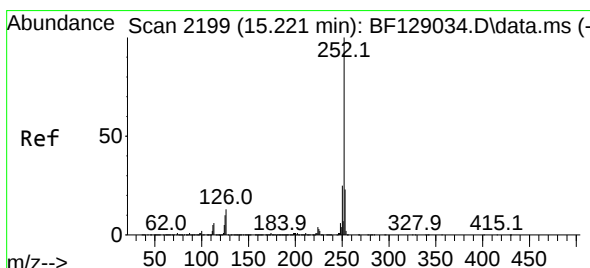
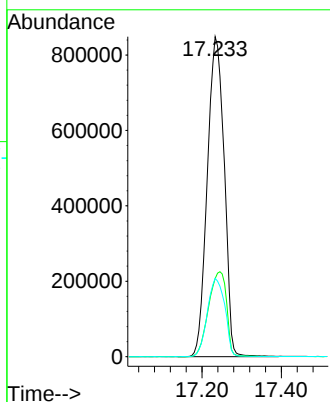
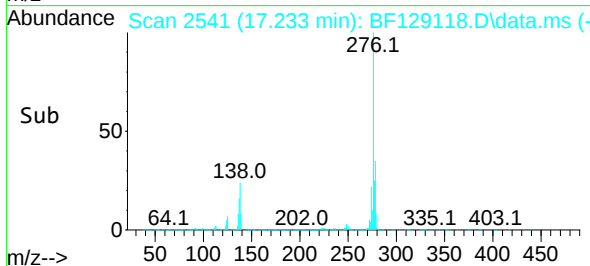
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145980BS



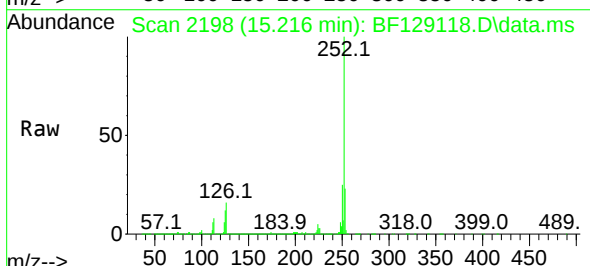
Tgt Ion:276 Resp: 251240  
 Ion Ratio Lower Upper  
 276 100  
 138 28.3 21.1 31.7  
 277 25.4 20.3 30.5

Manual Integrations  
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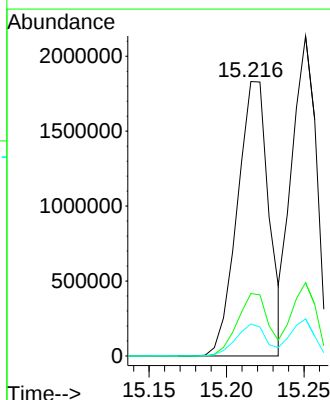
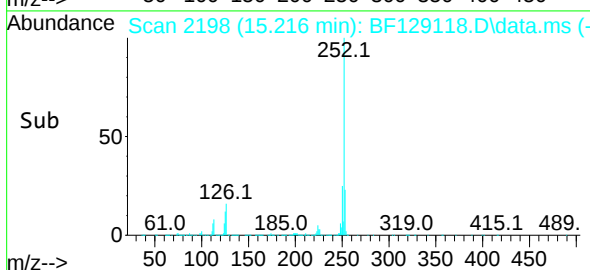
Reviewed By :Christian Giraldo 07/06/2022  
 Supervised By :Jagrut Upadhyay 07/06/2022

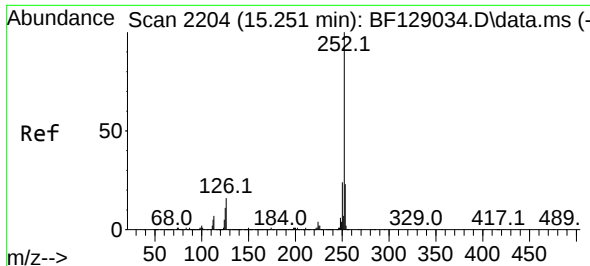


#88  
 Benzo(b)fluoranthene  
 Concen: 45.226 ng  
 RT: 15.216 min Scan# 2198  
 Delta R.T. -0.006 min  
 Lab File: BF129118.D  
 Acq: 05 Jul 2022 12:06



Tgt Ion:252 Resp: 2601391  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 17.7 26.5  
 125 11.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.417 ng

RT: 15.251 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF129118.D

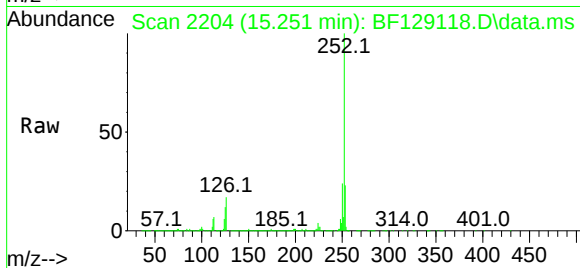
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS



Tgt Ion:252 Resp: 2366434

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

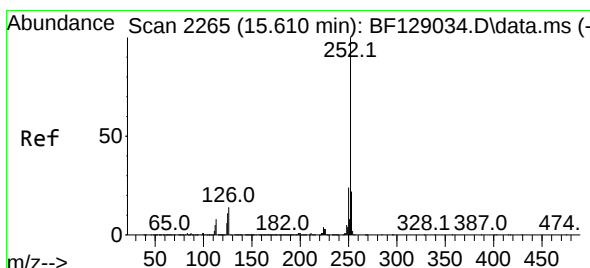
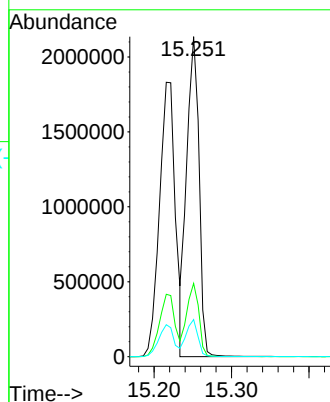
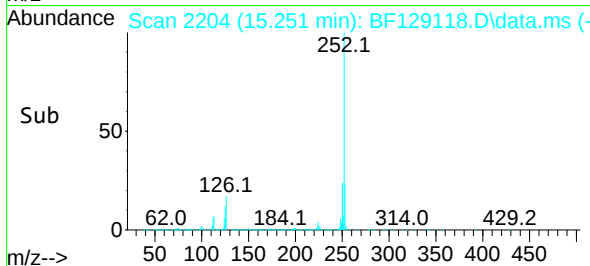
125 11.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022

Supervised By :Jagrut Upadhyay 07/06/2022



#90

Benzo(a)pyrene

Concen: 50.516 ng

RT: 15.610 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF129118.D

Acq: 05 Jul 2022 12:06

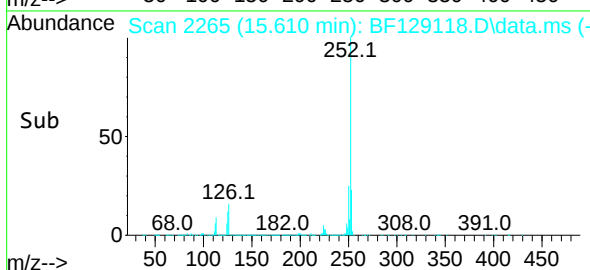
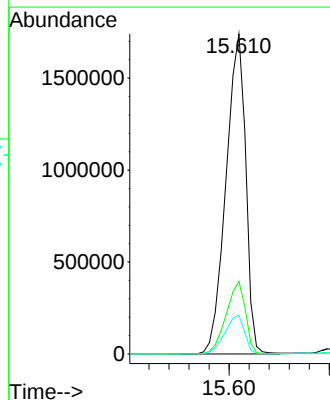
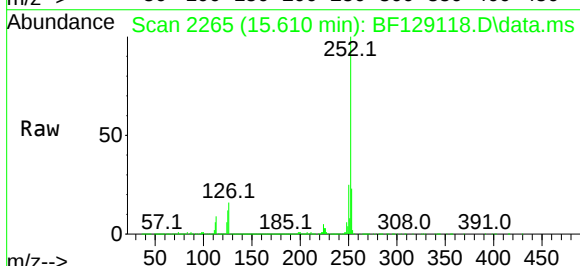
Tgt Ion:252 Resp: 2368740

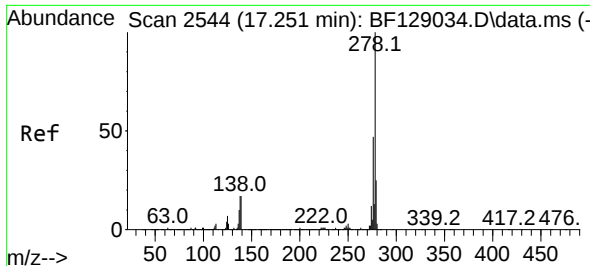
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 12.1 8.8 13.2





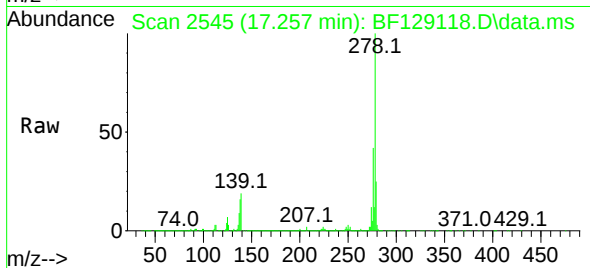
#91  
Dibenzo(a,h)anthracene  
Concen: 45.010 ng  
RT: 17.257 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB145980BS

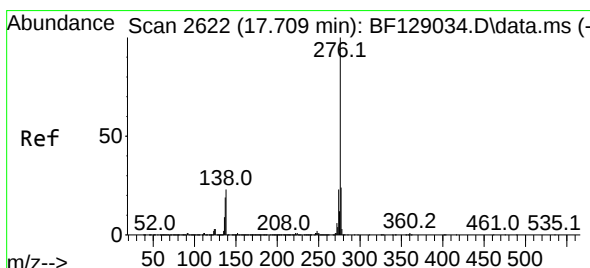
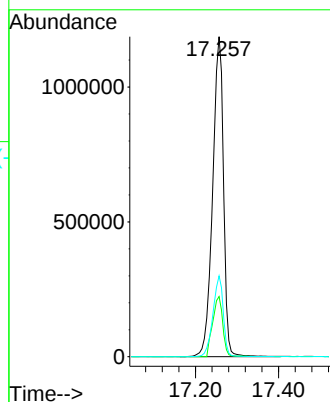
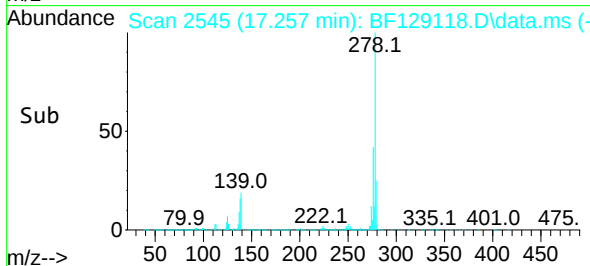


Tgt Ion:278 Resp: 215236  
Ion Ratio Lower Upper  
278 100  
139 18.8 12.8 19.2  
279 25.3 18.6 28.0

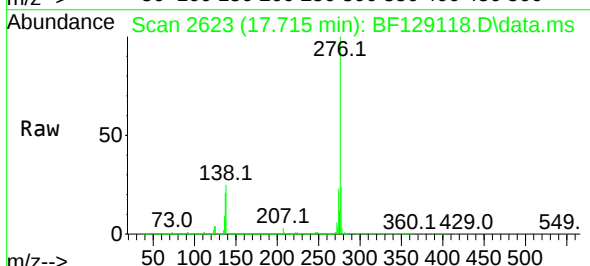
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/06/2022  
Supervised By :Jagrut Upadhyay 07/06/2022



#92  
Benzo(g,h,i)perylene  
Concen: 45.702 ng  
RT: 17.715 min Scan# 2623  
Delta R.T. 0.006 min  
Lab File: BF129118.D  
Acq: 05 Jul 2022 12:06



Tgt Ion:276 Resp: 2192639  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.1 28.7  
138 24.5 18.0 27.0

