

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072822\  
 Data File : BF129416.D  
 Acq On : 28 Jul 2022 19:11  
 Operator : CG\JU  
 Sample : N3895-18MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 29 02:09:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian  
 Giraldo

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|---------|-------|----------|----------------------------------|
| Internal Standards            |        |      |          |         |       |          | 07/29/2022                       |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 203721   | 20.000  | ng    | 0.00     | Supervised By :Jagrut<br>padhyay |
| 21) Naphthalene-d8            | 8.169  | 136  | 825369   | 20.000  | ng    | 0.00     |                                  |
| 39) Acenaphthene-d10          | 9.928  | 164  | 422521   | 20.000  | ng    | 0.00     |                                  |
| 64) Phenanthrene-d10          | 11.416 | 188  | 651936   | 20.000  | ng    | # 0.00   |                                  |
| 76) Chrysene-d12              | 14.063 | 240  | 364463   | 20.000  | ng    | 0.00     |                                  |
| 86) Perylene-d12              | 15.551 | 264  | 393780   | 20.000  | ng    | 0.00     | 07/29/2022                       |
| System Monitoring Compounds   |        |      |          |         |       |          |                                  |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1511161  | 120.836 | ng    | 0.02     |                                  |
| 7) Phenol-d6                  | 6.528  | 99   | 1936878  | 123.218 | ng    | 0.01     |                                  |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1253853  | 82.928  | ng    | 0.00     |                                  |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 489480   | 120.496 | ng    | 0.00     |                                  |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2166377  | 79.316  | ng    | 0.00     |                                  |
| 79) Terphenyl-d14             | 13.004 | 244  | 1793657  | 92.846  | ng    | 0.00     |                                  |
| Target Compounds              |        |      |          |         |       |          | Qvalue                           |
| 2) 1,4-Dioxane                | 2.752  | 88   | 241948   | 42.880  | ng    |          | 89                               |
| 3) Pyridine                   | 3.528  | 79   | 631335   | 40.291  | ng    |          | 92                               |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 333613   | 48.485  | ng    | #        | 94                               |
| 6) Aniline                    | 6.551  | 93   | 727385   | 37.222  | ng    |          | 97                               |
| 8) 2-Chlorophenol             | 6.675  | 128  | 695647   | 50.915  | ng    |          | 96                               |
| 9) Benzaldehyde               | 6.440  | 77   | 337740   | 31.639  | ng    |          | 99                               |
| 10) Phenol                    | 6.540  | 94   | 816677m  | 48.787  | ng    |          |                                  |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 660299   | 49.738  | ng    |          | 93                               |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 710382   | 48.479  | ng    |          | 97                               |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 717778   | 48.164  | ng    |          | 99                               |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 689309   | 50.321  | ng    |          | 97                               |
| 15) Benzyl Alcohol            | 7.034  | 79   | 592217   | 51.947  | ng    |          | 100                              |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 948077   | 47.510  | ng    |          | 86                               |
| 17) 2-Methylphenol            | 7.145  | 107  | 550892   | 48.602  | ng    |          | 96                               |
| 18) Hexachloroethane          | 7.392  | 117  | 276573   | 49.287  | ng    | #        | 88                               |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 463229   | 48.678  | ng    |          | 91                               |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 645077   | 44.761  | ng    | #        | 82                               |
| 22) Acetophenone              | 7.298  | 105  | 909941   | 47.353  | ng    | #        | 92                               |
| 24) Nitrobenzene              | 7.475  | 77   | 719836   | 46.233  | ng    |          | 93                               |
| 25) Isophorone                | 7.710  | 82   | 1325057  | 48.891  | ng    |          | 99                               |
| 26) 2-Nitrophenol             | 7.787  | 139  | 371735   | 48.397  | ng    |          | 96                               |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 624303m  | 54.185  | ng    |          |                                  |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 815263   | 51.854  | ng    |          | 99                               |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 556564   | 46.802  | ng    |          | 99                               |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 571133   | 46.399  | ng    |          | 97                               |
| 31) Naphthalene               | 8.192  | 128  | 1896321  | 45.222  | ng    |          | 99                               |
| 32) Benzoic acid              | 7.957  | 122  | 319893   | 38.406  | ng    |          | 98                               |
| 33) 4-Chloroaniline           | 8.239  | 127  | 367573   | 21.350  | ng    |          | 98                               |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 335709   | 47.980  | ng    |          | 99                               |
| 35) Caprolactam               | 8.628  | 113  | 179722m  | 46.485  | ng    |          |                                  |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 606954   | 48.122  | ng    |          | 95                               |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 1259873  | 46.232  | ng    |          | 99                               |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 1194034  | 45.389  | ng    |          | 98                               |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 540948   | 48.758  | ng    |          | 98                               |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 532937   | 107.876 | ng    |          | 98                               |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 377196   | 46.810  | ng    |          | 97                               |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072822\  
 Data File : BF129416.D  
 Acq On : 28 Jul 2022 19:11  
 Operator : CG\JU  
 Sample : N3895-18MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Manual Integrations  
 APPROVED

Reviewed By : Christian  
 Giraldo

Quant Time: Jul 29 02:09:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |     |
|--------------------------------|--------|------|----------|--------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol      | 9.210  | 196  | 398442   | 45.469 | ng    | #        | 94  |
| 46) 1,1'-Biphenyl              | 9.351  | 154  | 1488595  | 48.275 | ng    |          | 98  |
| 47) 2-Chloronaphthalene        | 9.375  | 162  | 1166910  | 46.812 | ng    |          | 99  |
| 48) 2-Nitroaniline             | 9.475  | 65   | 377840   | 45.583 | ng    |          | 94  |
| 49) Acenaphthylene             | 9.792  | 152  | 1753624  | 46.298 | ng    |          | 99  |
| 50) Dimethylphthalate          | 9.651  | 163  | 1385547  | 47.502 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene         | 9.716  | 165  | 309641   | 47.430 | ng    |          | 97  |
| 52) Acenaphthene               | 9.963  | 154  | 1234792m | 49.912 | ng    |          |     |
| 53) 3-Nitroaniline             | 9.886  | 138  | 240511   | 31.199 | ng    | #        | 97  |
| 54) 2,4-Dinitrophenol          | 9.998  | 184  | 284695   | 85.424 | ng    |          | 89  |
| 55) Dibenzofuran               | 10.133 | 168  | 1583543  | 46.433 | ng    |          | 95  |
| 56) 4-Nitrophenol              | 10.063 | 139  | 454900   | 79.986 | ng    |          | 99  |
| 57) 2,4-Dinitrotoluene         | 10.122 | 165  | 396277   | 46.466 | ng    |          | 99  |
| 58) Fluorene                   | 10.480 | 166  | 1234706  | 45.249 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.257 | 232  | 291670   | 43.070 | ng    |          | 91  |
| 60) Diethylphthalate           | 10.351 | 149  | 1339868  | 47.519 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenylether | 10.469 | 204  | 568599   | 47.266 | ng    |          | 92  |
| 62) 4-Nitroaniline             | 10.510 | 138  | 292993   | 38.313 | ng    |          | 97  |
| 63) Azobenzene                 | 10.628 | 77   | 1290497  | 44.872 | ng    |          | 96  |
| 65) 4,6-Dinitro-2-methylph...  | 10.533 | 198  | 181561   | 44.123 | ng    |          | 84  |
| 66) n-Nitrosodiphenylamine     | 10.592 | 169  | 1074285  | 49.481 | ng    |          | 96  |
| 67) 4-Bromophenyl-phenylether  | 10.957 | 248  | 364553   | 51.066 | ng    |          | 90  |
| 68) Hexachlorobenzene          | 11.027 | 284  | 389902   | 50.406 | ng    |          | 97  |
| 69) Atrazine                   | 11.116 | 200  | 336845   | 51.079 | ng    |          | 96  |
| 70) Pentachlorophenol          | 11.227 | 266  | 353044   | 83.956 | ng    |          | 100 |
| 71) Phenanthrene               | 11.445 | 178  | 1631809  | 45.853 | ng    |          | 99  |
| 72) Anthracene                 | 11.498 | 178  | 1650056  | 47.182 | ng    |          | 100 |
| 73) Carbazole                  | 11.651 | 167  | 1434928  | 43.587 | ng    |          | 99  |
| 74) Di-n-butylphthalate        | 11.974 | 149  | 1895315  | 48.344 | ng    |          | 100 |
| 75) Fluoranthene               | 12.633 | 202  | 1470867  | 40.792 | ng    |          | 99  |
| 77) Benzidine                  | 12.757 | 184  | 326903   | 25.389 | ng    |          | 99  |
| 78) Pyrene                     | 12.863 | 202  | 1436736  | 47.141 | ng    |          | 100 |
| 80) Butylbenzylphthalate       | 13.474 | 149  | 661738   | 50.058 | ng    |          | 95  |
| 81) Benzo(a)anthracene         | 14.051 | 228  | 1164774  | 46.785 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine     | 14.016 | 252  | 289915   | 35.269 | ng    |          | 97  |
| 83) Chrysene                   | 14.092 | 228  | 1080565  | 46.052 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha...  | 14.027 | 149  | 902881   | 51.878 | ng    |          | 99  |
| 85) Di-n-octyl phthalate       | 14.645 | 149  | 1449415  | 57.873 | ng    |          | 97  |
| 87) Indeno(1,2,3-cd)pyrene     | 17.074 | 276  | 1202960  | 45.365 | ng    |          | 99  |
| 88) Benzo(b)fluoranthene       | 15.115 | 252  | 1309059  | 50.116 | ng    |          | 99  |
| 89) Benzo(k)fluoranthene       | 15.145 | 252  | 1061985  | 41.488 | ng    |          | 99  |
| 90) Benzo(a)pyrene             | 15.492 | 252  | 1065243  | 50.238 | ng    |          | 98  |
| 91) Dibenzo(a,h)anthracene     | 17.086 | 278  | 1028883  | 47.671 | ng    |          | 98  |
| 92) Benzo(g,h,i)perylene       | 17.539 | 276  | 997898   | 45.248 | ng    |          | 99  |

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

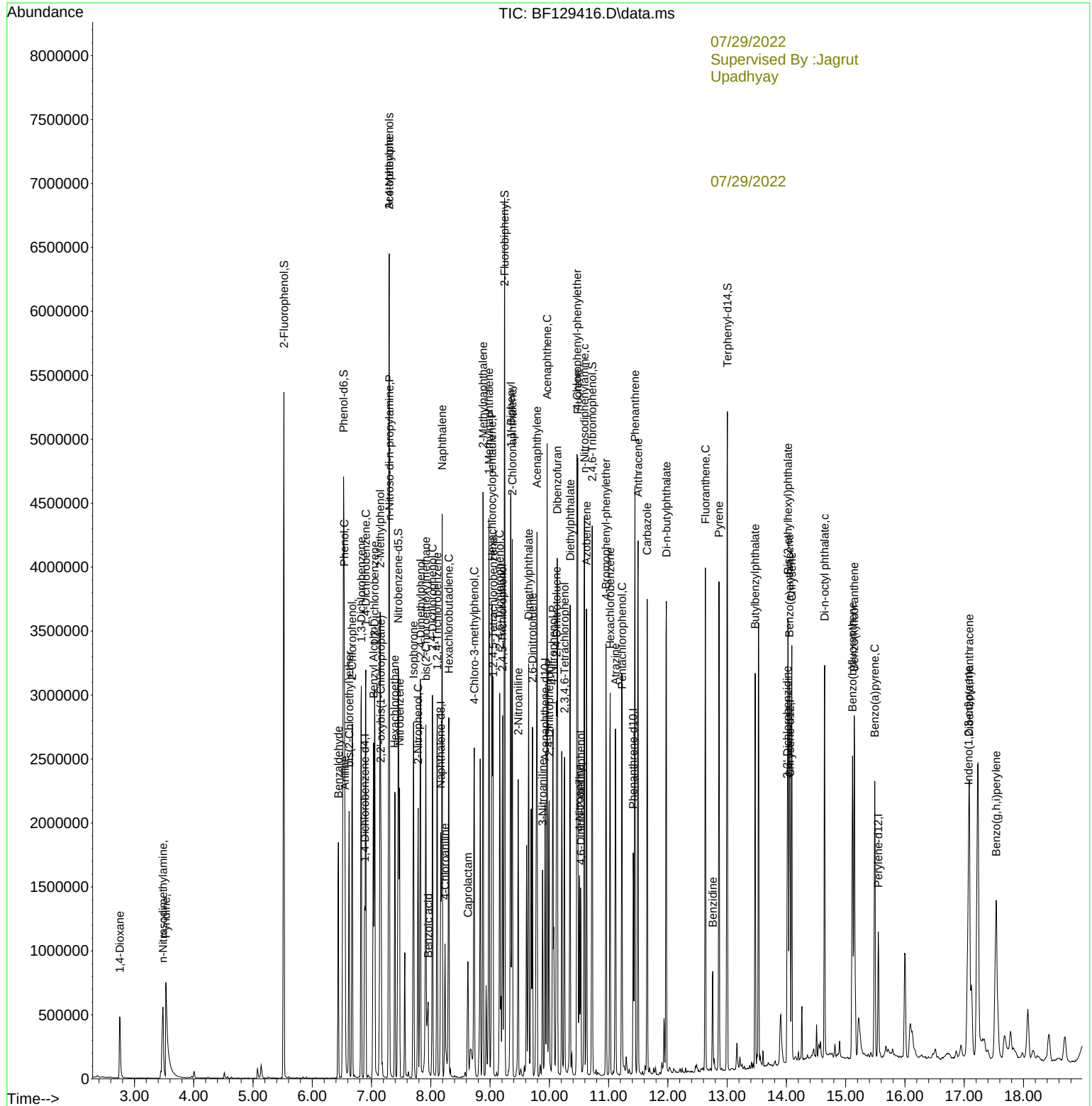
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072822\  
Data File : BF129416.D  
Acq On : 28 Jul 2022 19:11  
Operator : CG\JU  
Sample : N3895-18MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

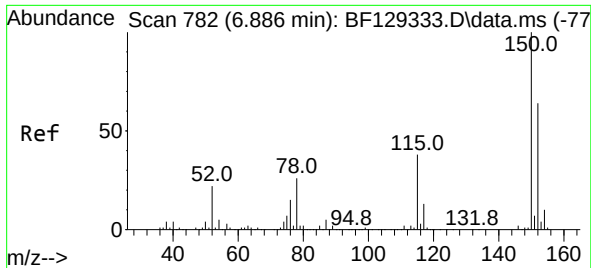
Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jul 29 02:09:02 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 25 17:24:17 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

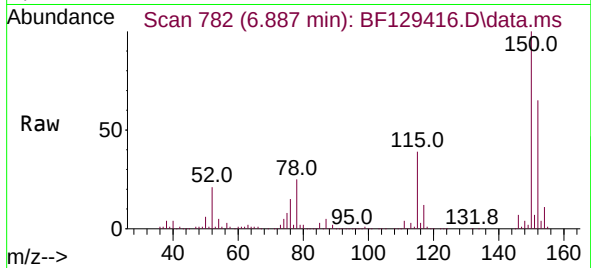
Reviewed By :Christian  
Giraldo





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 78  
 Delta R.T. 0.001 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11

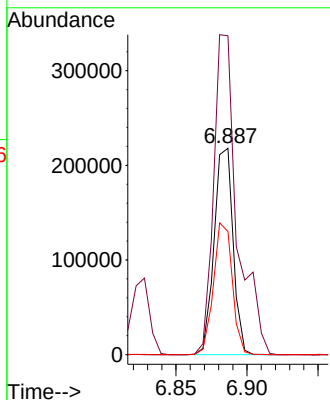
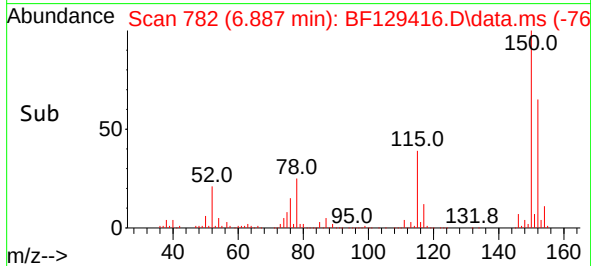
Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:152 Resp: 203721  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 123.7 185.5  
 115 59.6 49.9 74.9

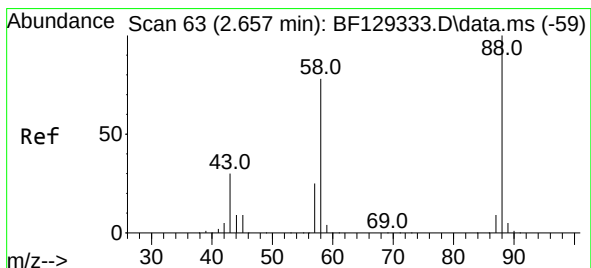
Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

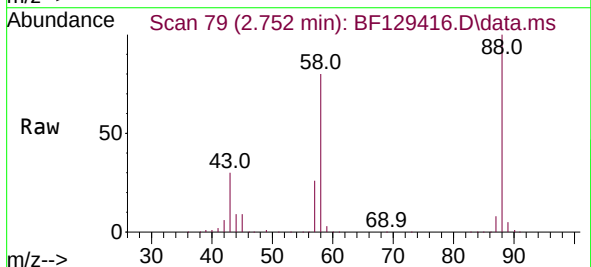


07/29/2022  
 Supervised By :Jagrut  
 Upadhyay

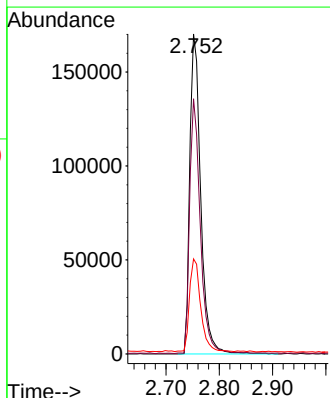
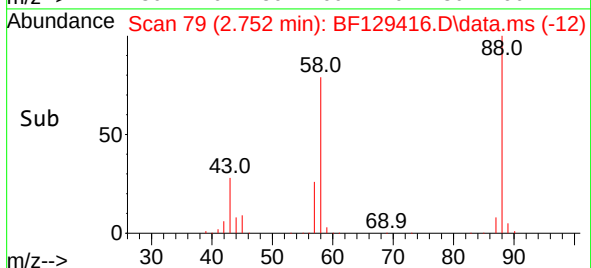
07/29/2022

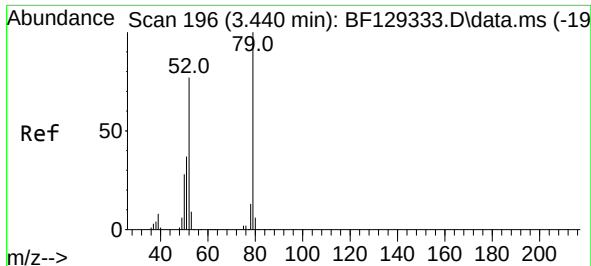


#2  
 1,4-Dioxane  
 Concen: 42.880 ng  
 RT: 2.752 min Scan# 79  
 Delta R.T. 0.094 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11



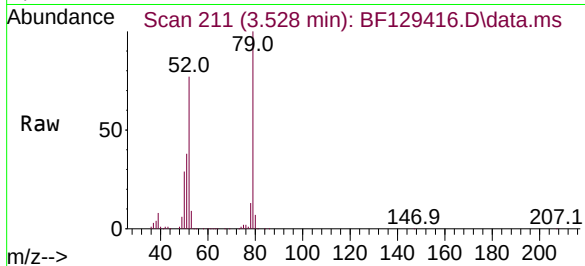
Tgt Ion: 88 Resp: 241948  
 Ion Ratio Lower Upper  
 88 100  
 58 77.8 71.8 107.8  
 43 29.6 26.6 39.8





#3  
Pyridine  
Concen: 40.291 ng  
RT: 3.528 min Scan# 211  
Delta R.T. 0.088 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

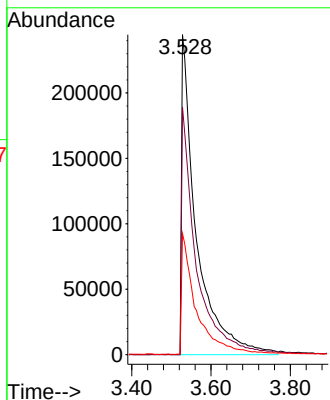
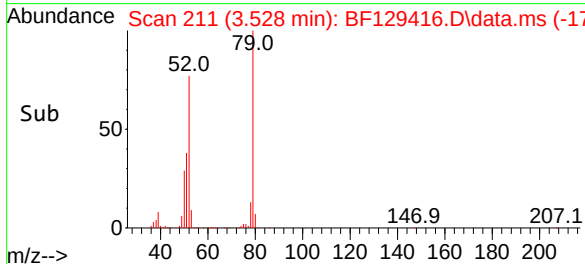
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 631335  
Ion Ratio Lower Upper  
79 100  
52 77.3 68.6 102.8  
51 37.8 32.9 49.3

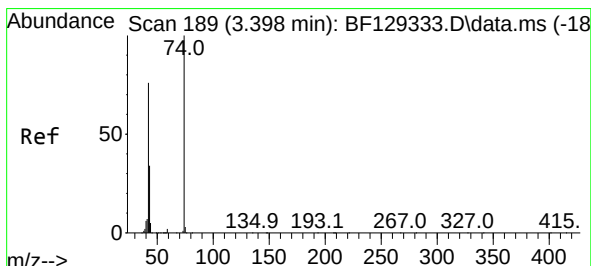
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

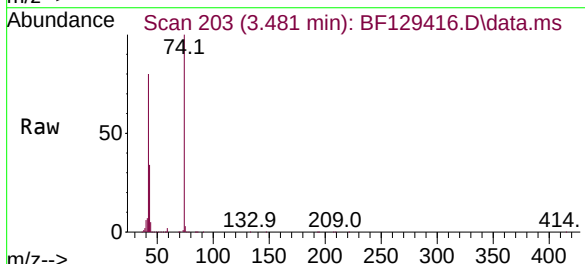


07/29/2022  
Supervised By :Jagrut  
Upadhyay

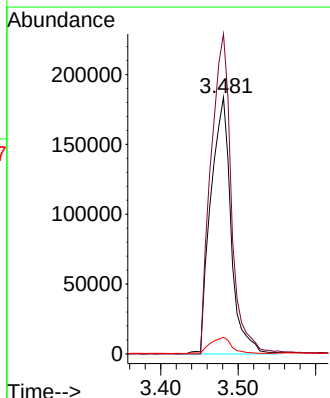
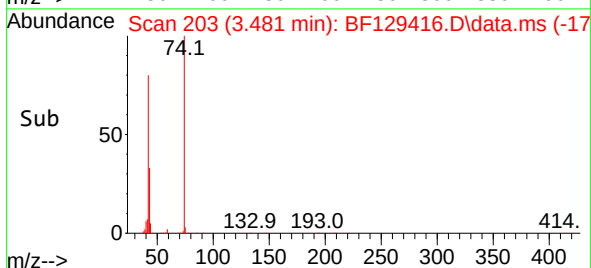
07/29/2022

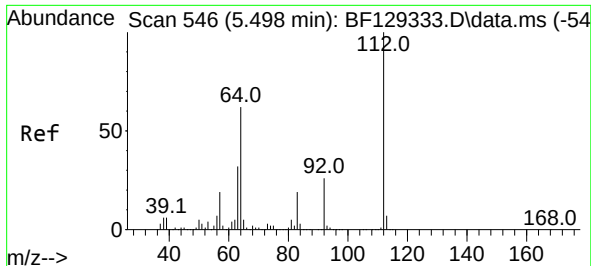


#4  
n-Nitrosodimethylamine  
Concen: 48.485 ng  
RT: 3.481 min Scan# 203  
Delta R.T. 0.082 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion: 42 Resp: 333613  
Ion Ratio Lower Upper  
42 100  
74 124.7 94.8 142.2  
44 6.4 6.6 10.0#



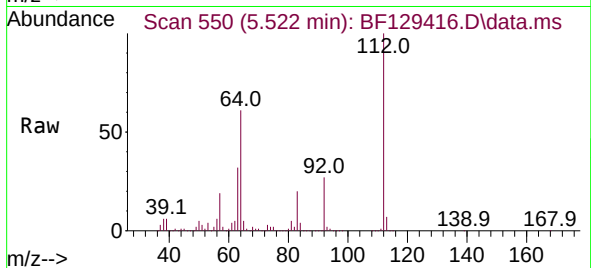


#5  
2-Fluorophenol  
Concen: 120.836 ng  
RT: 5.522 min Scan# 546  
Delta R.T. 0.024 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

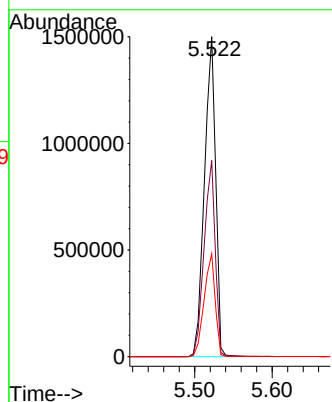
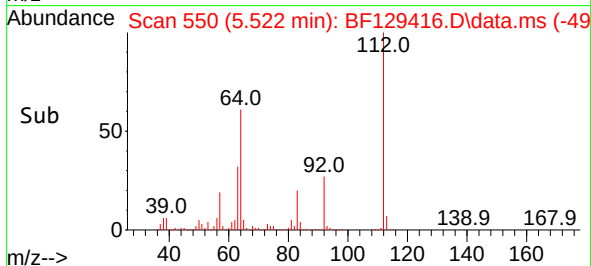
ClientSampleId :



Tgt Ion: 112 Resp: 1511163  
Ion Ratio Lower Upper  
112 100  
64 61.3 53.3 79.9  
63 32.1 28.0 42.0

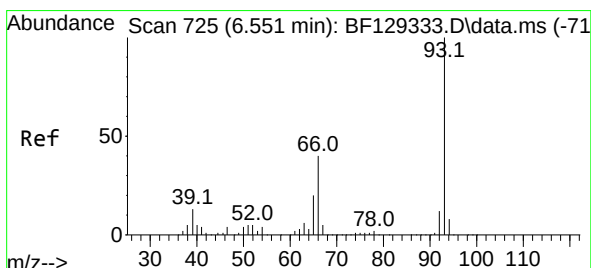
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



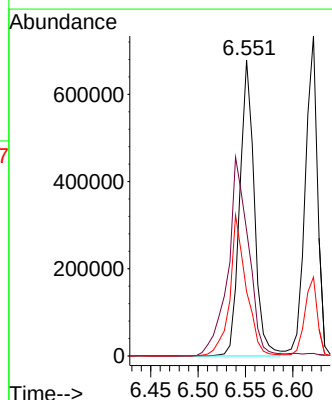
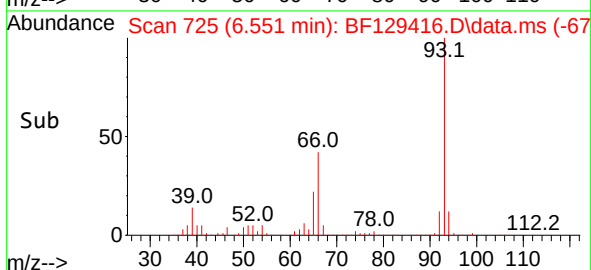
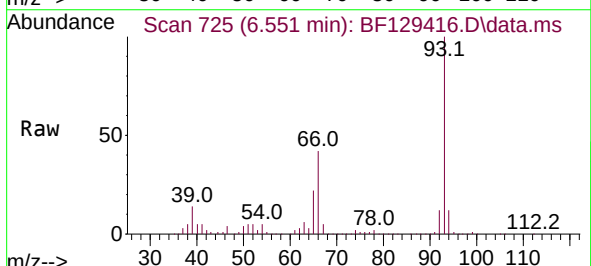
07/29/2022  
Supervised By :Jagrut  
Upadhyay

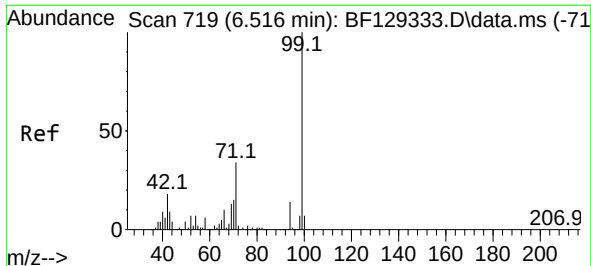
07/29/2022



#6  
Aniline  
Concen: 37.222 ng  
RT: 6.551 min Scan# 725  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

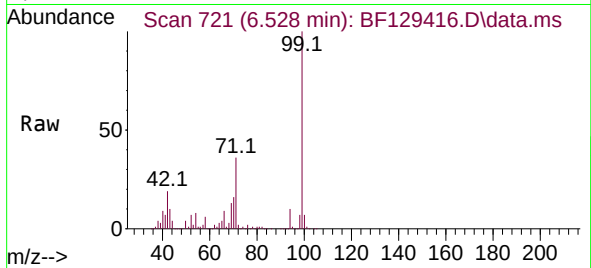
Tgt Ion: 93 Resp: 727385  
Ion Ratio Lower Upper  
93 100  
66 42.4 32.5 48.7  
65 21.6 16.4 24.6





#7  
Phenol-d6  
Concen: 123.218 ng  
RT: 6.528 min Scan# 719  
Delta R.T. 0.012 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

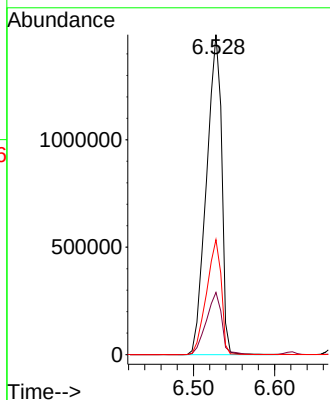
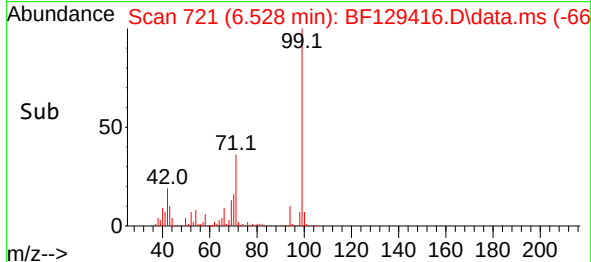
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 99 Resp: 1936878  
Ion Ratio Lower Upper  
99 100  
42 19.5 17.3 25.9  
71 35.9 28.9 43.3

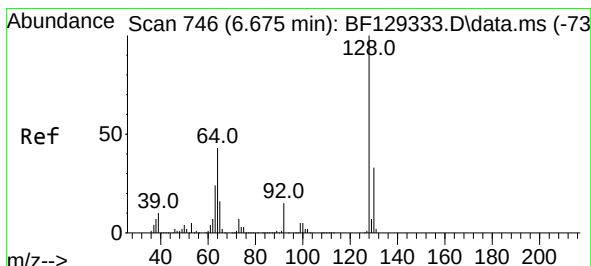
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



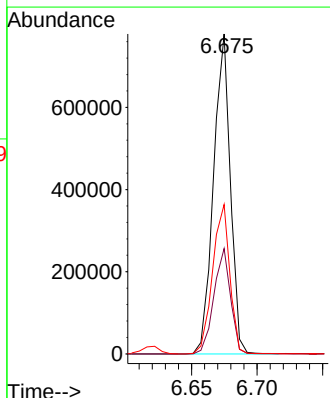
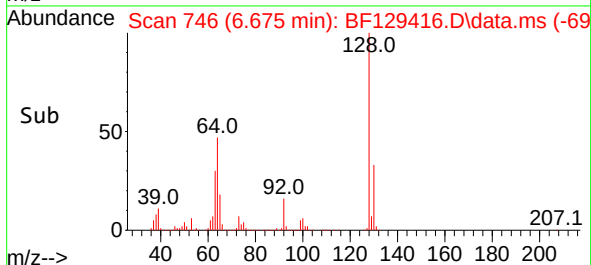
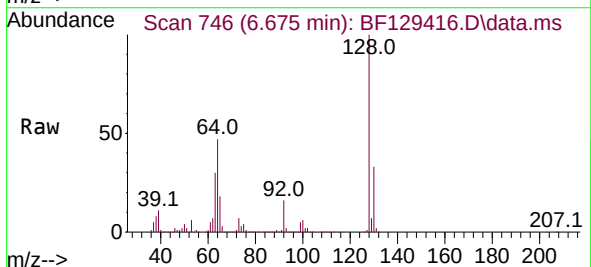
07/29/2022  
Supervised By :Jagrut  
Upadhyay

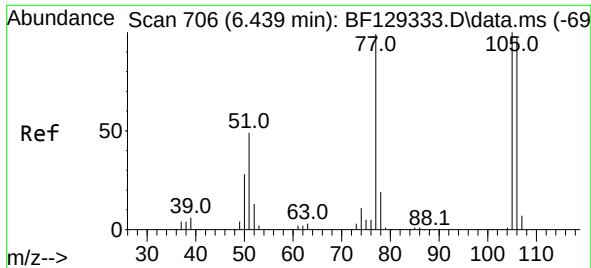
07/29/2022



#8  
2-Chlorophenol  
Concen: 50.915 ng  
RT: 6.675 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

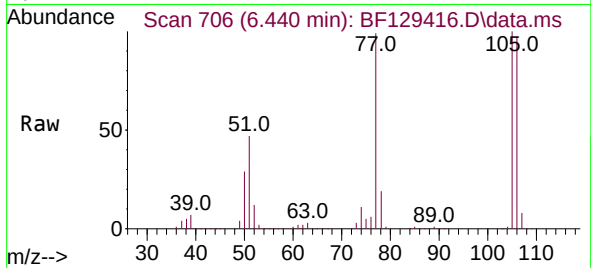
Tgt Ion:128 Resp: 695647  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 46.7 30.9 70.9





#9  
Benzaldehyde  
Concen: 31.639 ng  
RT: 6.440 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

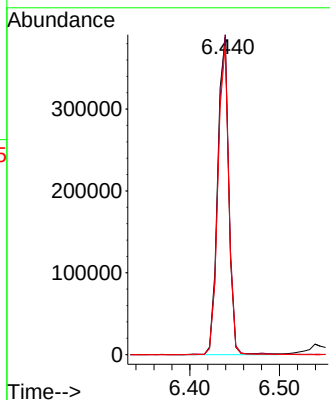
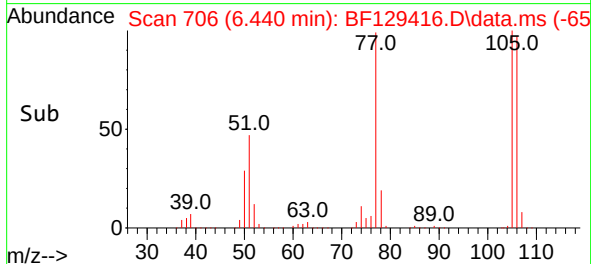
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 337740  
Ion Ratio Lower Upper  
77 100  
105 100.8 81.6 121.6  
106 97.3 76.1 116.1

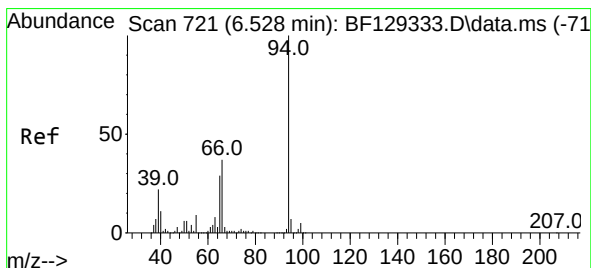
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



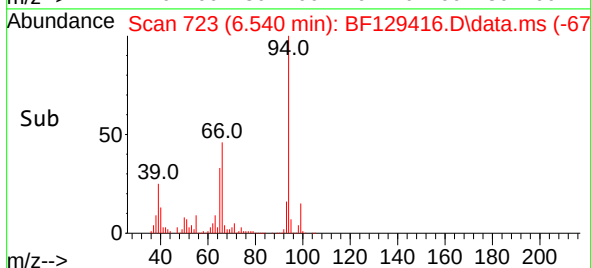
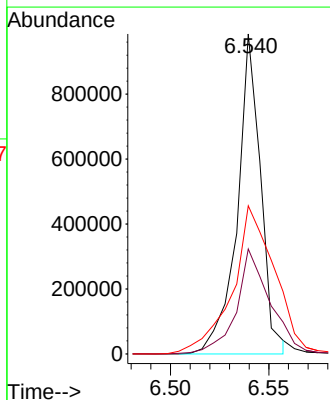
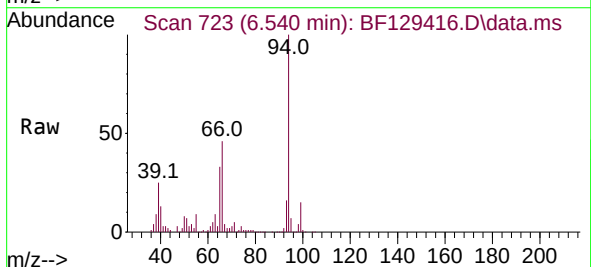
07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022

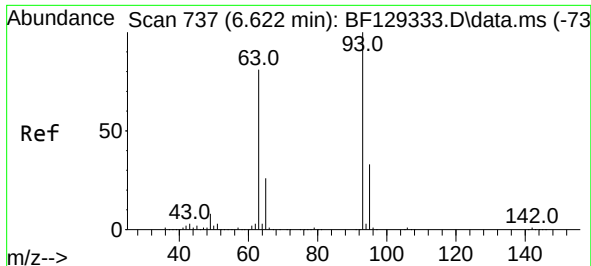


#10  
Phenol  
Concen: 48.787 ng m  
RT: 6.540 min Scan# 723  
Delta R.T. 0.012 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion: 94 Resp: 816677  
Ion Ratio Lower Upper  
94 100  
65 32.8 11.4 51.4  
66 46.3 21.4 61.4

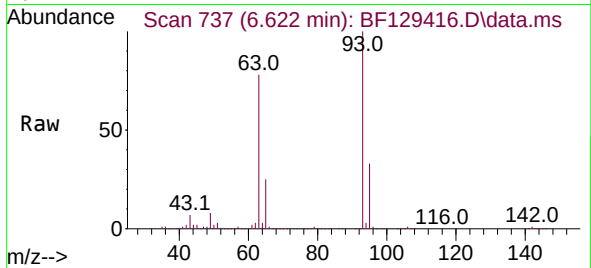






#11  
bis(2-Chloroethyl)ether  
Concen: 49.738 ng  
RT: 6.622 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

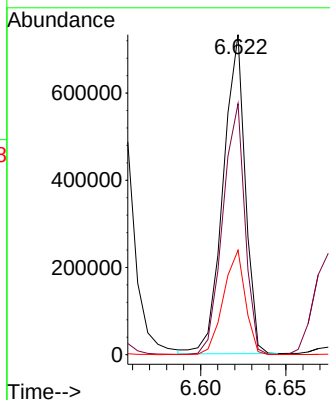
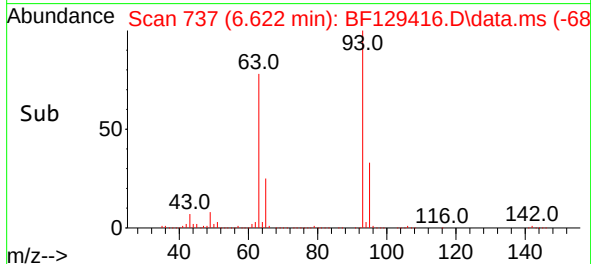
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 93 Resp: 660299  
Ion Ratio Lower Upper  
93 100  
63 78.4 67.4 107.4  
95 32.6 12.7 52.7

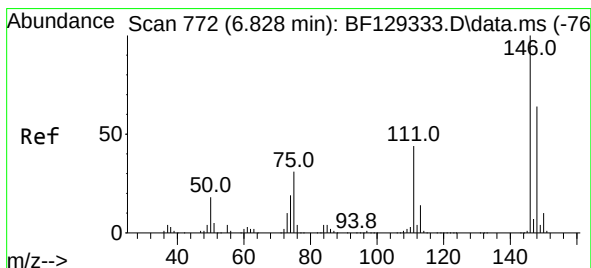
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



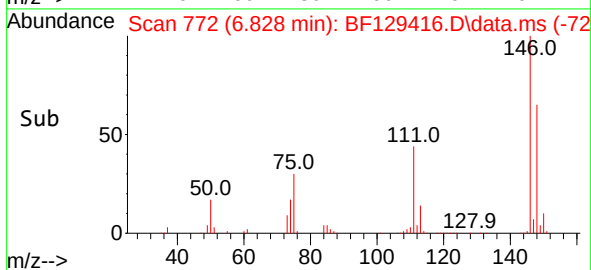
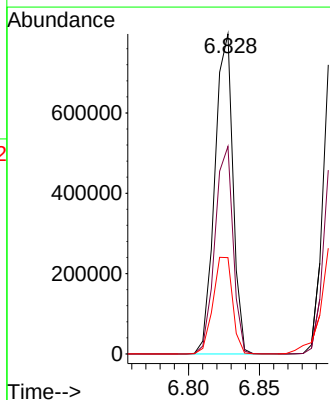
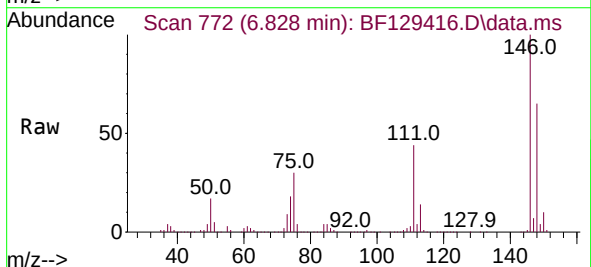
07/29/2022  
Supervised By :Jagrut  
Upadhyay

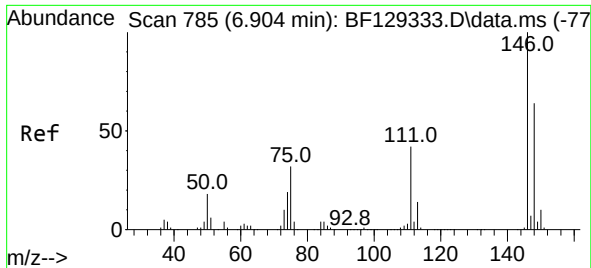
07/29/2022



#12  
1,3-Dichlorobenzene  
Concen: 48.479 ng  
RT: 6.828 min Scan# 772  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

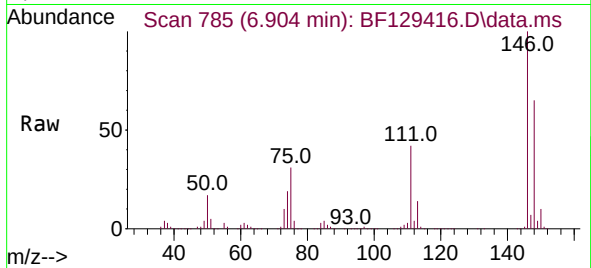
Tgt Ion:146 Resp: 710382  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.6 75.8  
75 30.1 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 48.164 ng  
RT: 6.904 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

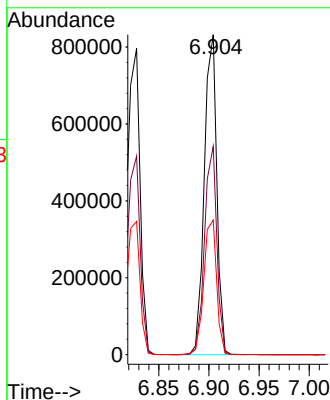
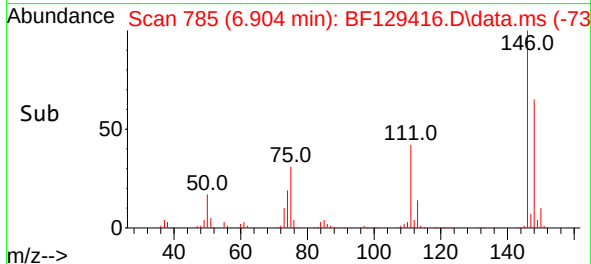
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:146 Resp: 717778  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.1 76.7  
111 42.0 34.2 51.4

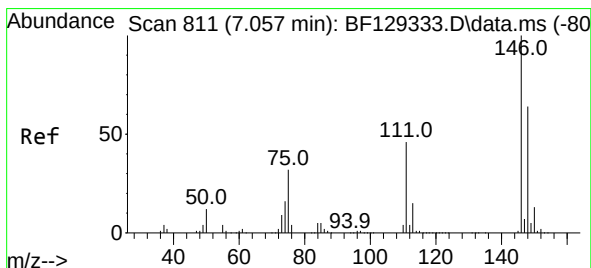
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

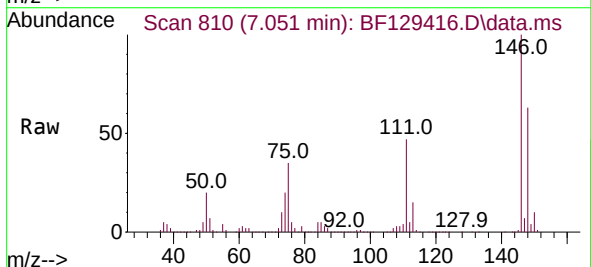


07/29/2022  
Supervised By :Jagrut  
Upadhyay

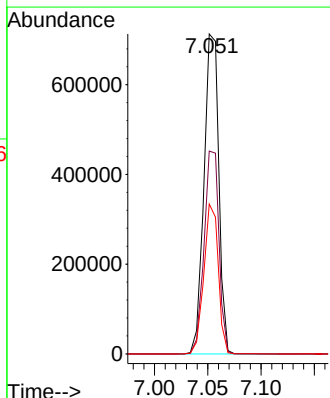
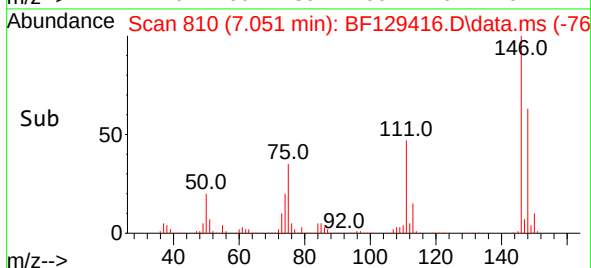
07/29/2022

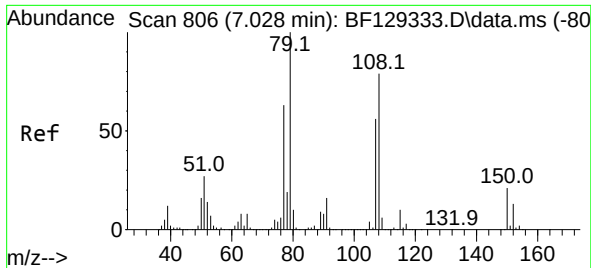


#14  
1,2-Dichlorobenzene  
Concen: 50.321 ng  
RT: 7.051 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



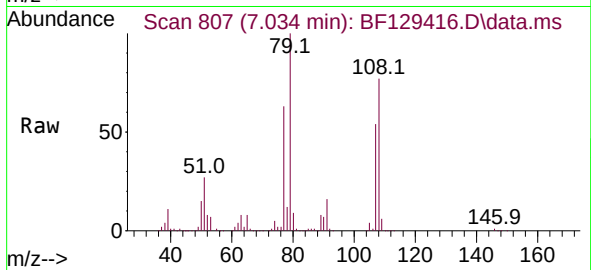
Tgt Ion:146 Resp: 689309  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
111 46.8 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 51.947 ng  
RT: 7.034 min Scan# 806  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

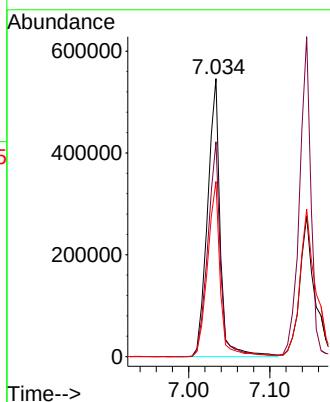
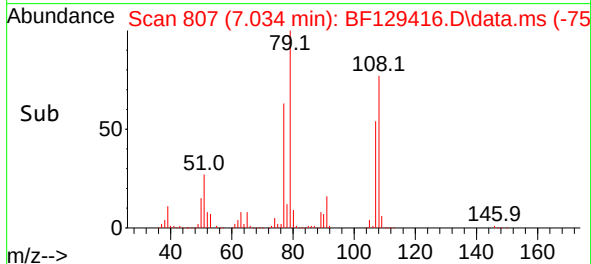
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 592217  
Ion Ratio Lower Upper  
79 100  
108 77.3 61.8 92.6  
77 63.0 50.2 75.4

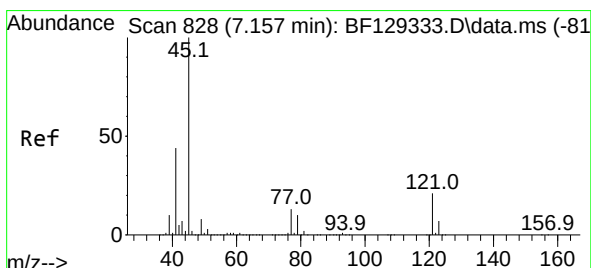
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



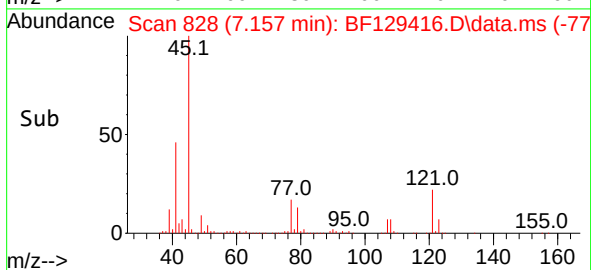
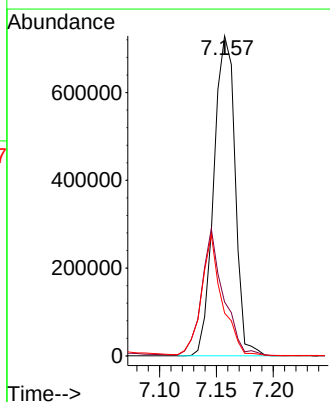
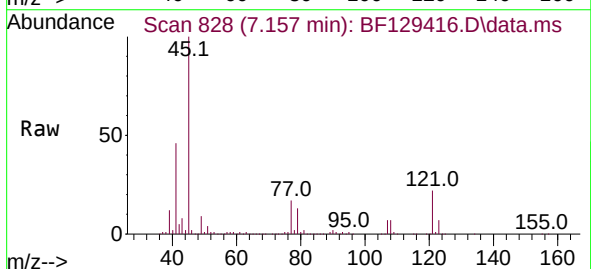
07/29/2022  
Supervised By :Jagrut  
Upadhyay

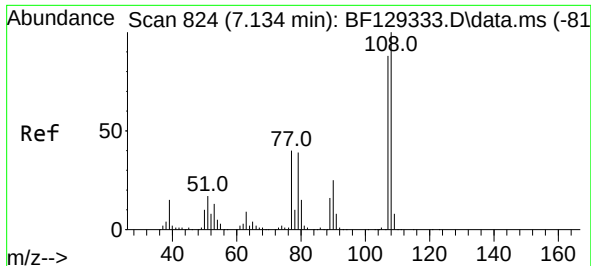
07/29/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.510 ng  
RT: 7.157 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

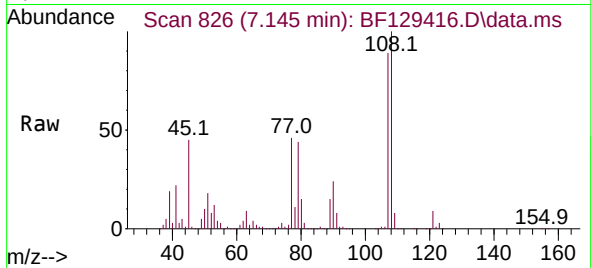
Tgt Ion: 45 Resp: 948077  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 31.3  
79 13.4 0.0 28.3





#17  
2-Methylphenol  
Concen: 48.602 ng  
RT: 7.145 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

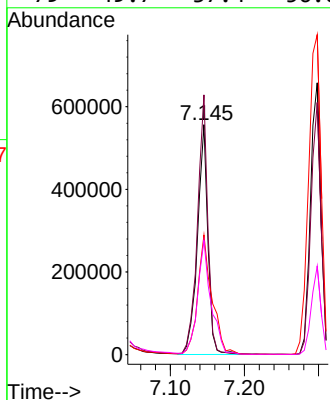
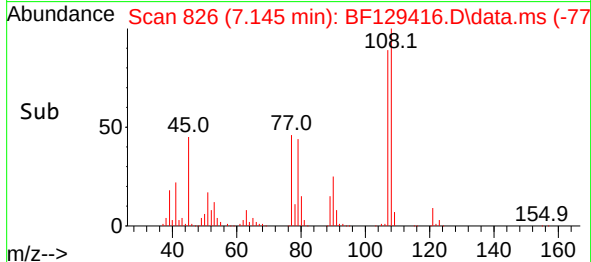
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:107 Resp: 550892  
Ion Ratio Lower Upper  
107 100  
108 112.9 91.9 137.9  
77 52.0 37.8 56.8  
79 49.7 37.4 56.0

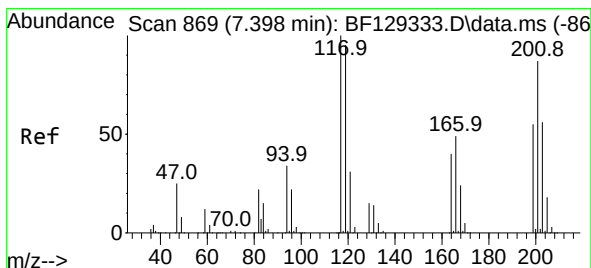
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



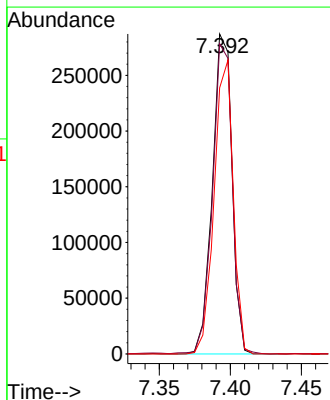
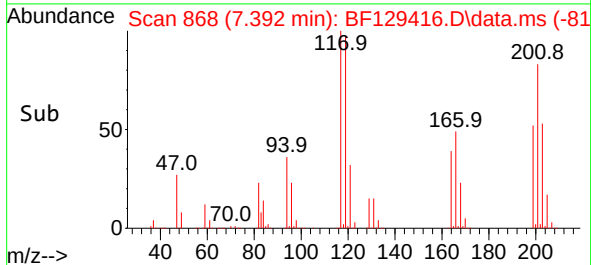
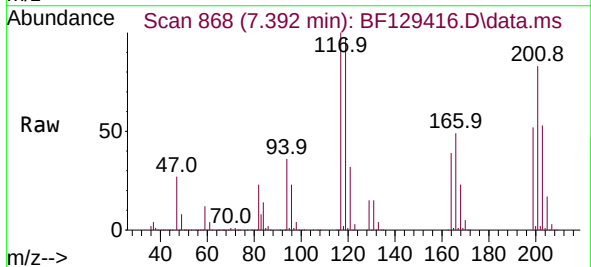
07/29/2022  
Supervised By :Jagrut  
Upadhyay

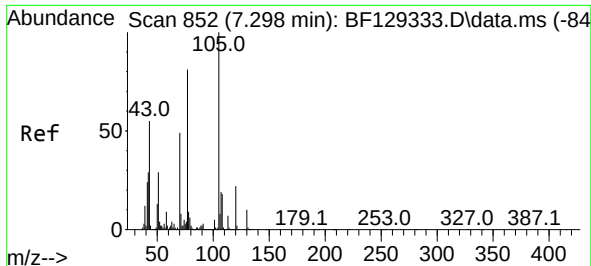
07/29/2022



#18  
Hexachloroethane  
Concen: 49.287 ng  
RT: 7.392 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

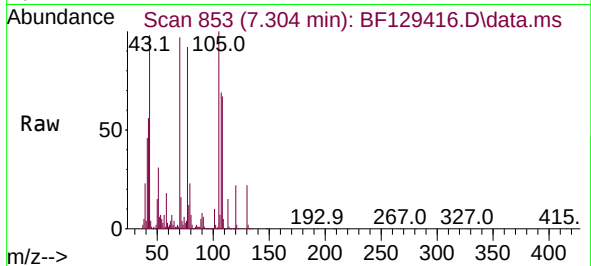
Tgt Ion:117 Resp: 276573  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.4 116.2  
201 83.1 84.6 127.0#





#19  
n-Nitroso-di-n-propylamine  
Concen: 48.678 ng  
RT: 7.304 min Scan# 853  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

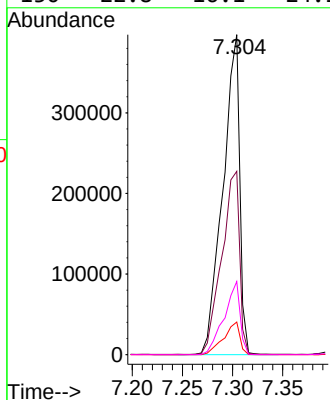
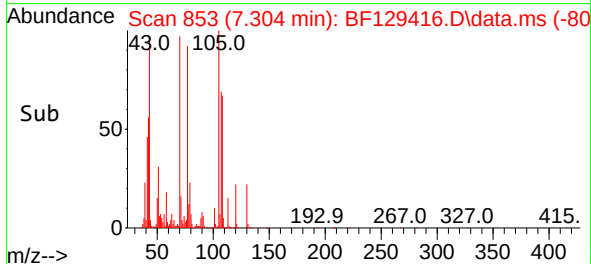
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 70 Resp: 463229  
Ion Ratio Lower Upper  
70 100  
42 57.3 52.3 78.5  
101 10.2 7.5 11.3  
130 22.8 16.1 24.1

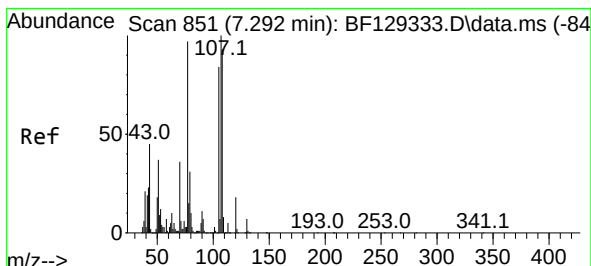
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

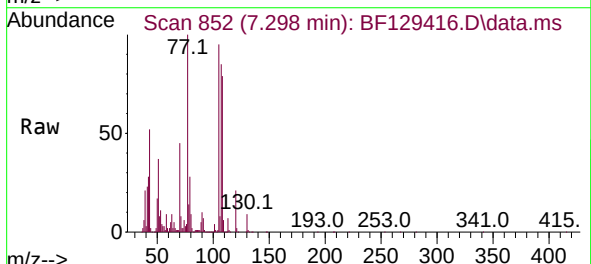


07/29/2022  
Supervised By :Jagrut  
Upadhyay

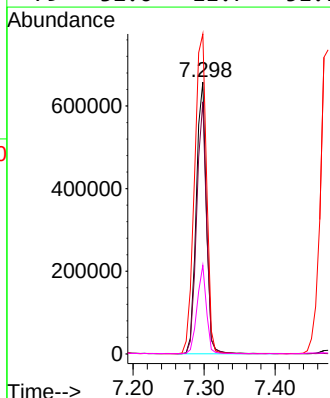
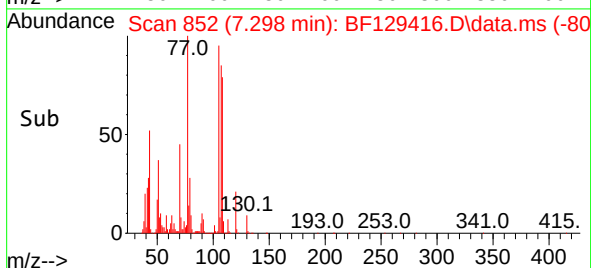
07/29/2022

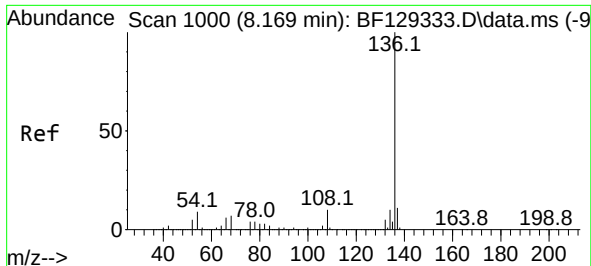


#20  
3+4-Methylphenols  
Concen: 44.761 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion:107 Resp: 645077  
Ion Ratio Lower Upper  
107 100  
108 92.8 71.8 111.8  
77 117.8 59.3 99.3#  
79 32.6 11.7 51.7



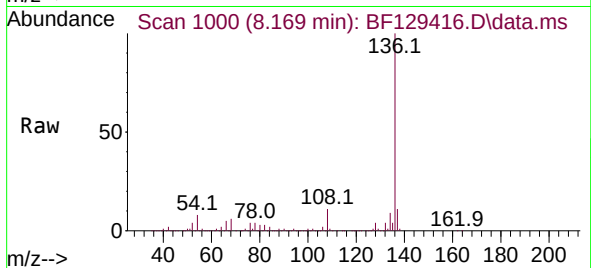


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

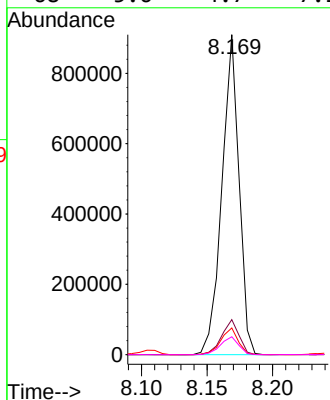
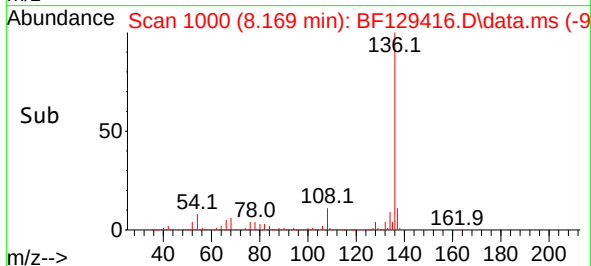
ClientSampleId :



Tgt Ion:136 Resp: 825369  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 8.3 7.5 11.3  
68 5.6 4.7 7.1

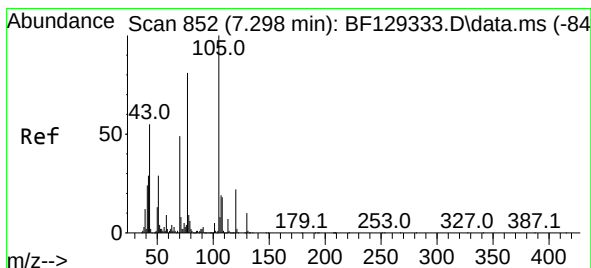
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



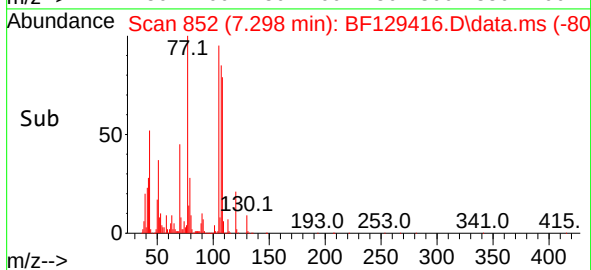
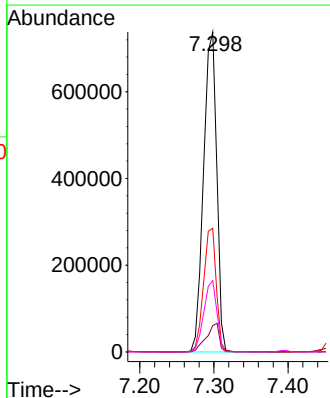
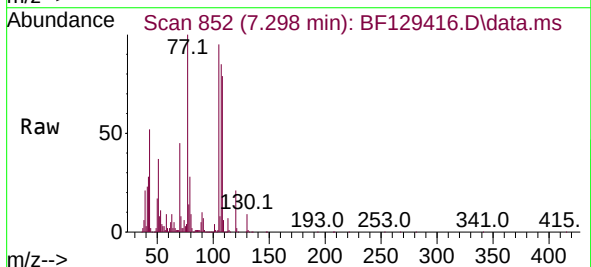
07/29/2022  
Supervised By :Jagrut  
Upadhyay

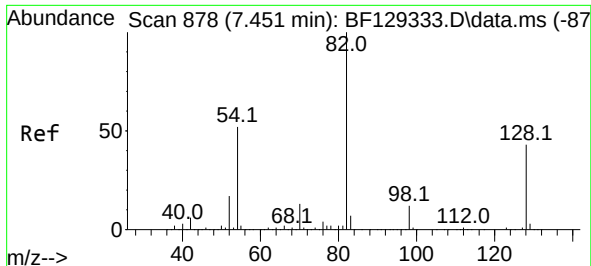
07/29/2022



#22  
Acetophenone  
Concen: 47.353 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:105 Resp: 909941  
Ion Ratio Lower Upper  
105 100  
71 8.2 5.0 7.4#  
51 38.6 25.0 37.4#  
120 22.3 17.8 26.8



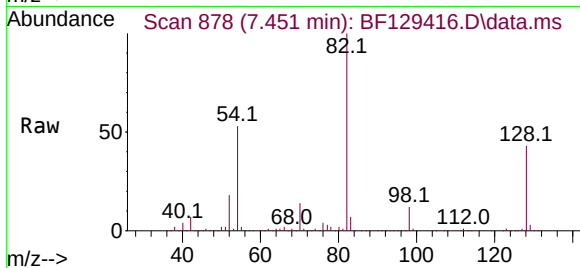


#23  
Nitrobenzene-d5  
Concen: 82.928 ng  
RT: 7.451 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

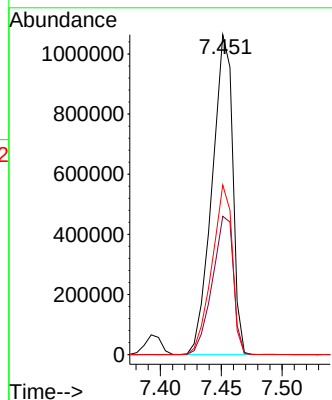
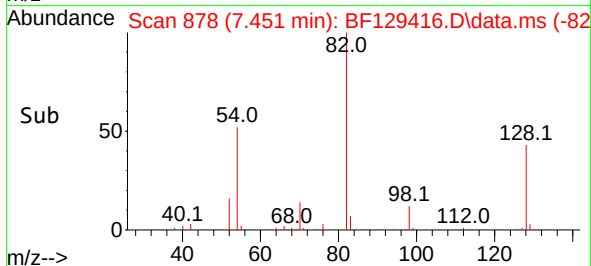
ClientSampleId :



Tgt Ion: 82 Resp: 125385  
Ion Ratio Lower Upper  
82 100  
128 43.2 34.0 51.0  
54 53.0 46.9 70.3

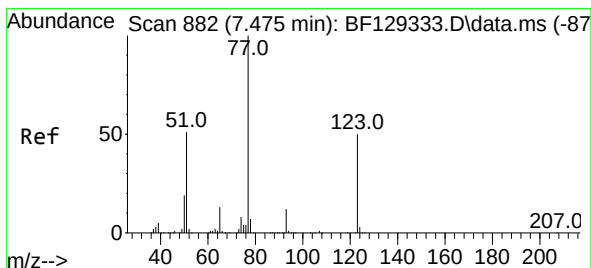
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

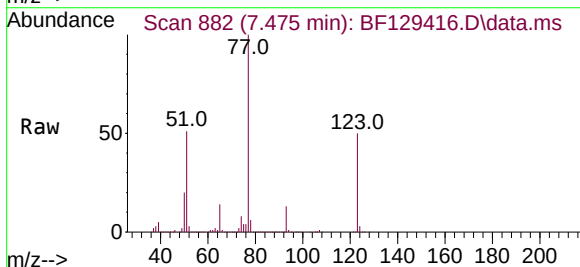


07/29/2022  
Supervised By :Jagrut  
Upadhyay

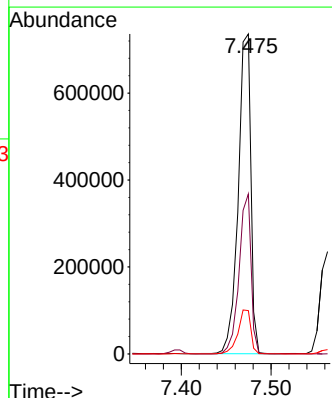
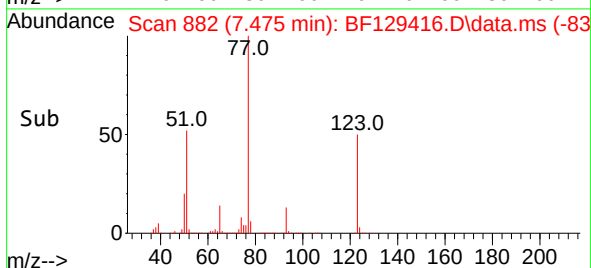
07/29/2022

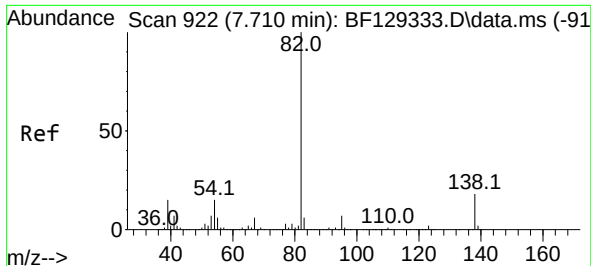


#24  
Nitrobenzene  
Concen: 46.233 ng  
RT: 7.475 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



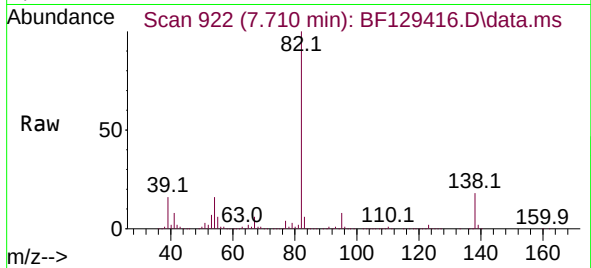
Tgt Ion: 77 Resp: 719836  
Ion Ratio Lower Upper  
77 100  
123 50.0 35.4 53.2  
65 13.5 11.8 17.8





#25  
Isophorone  
Concen: 48.891 ng  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

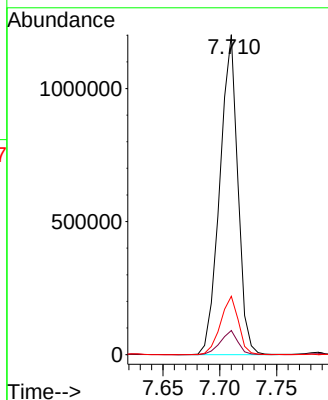
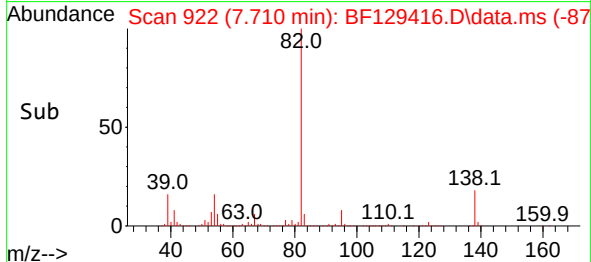
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 82 Resp: 132505  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.7 8.5  
138 18.2 14.2 21.2

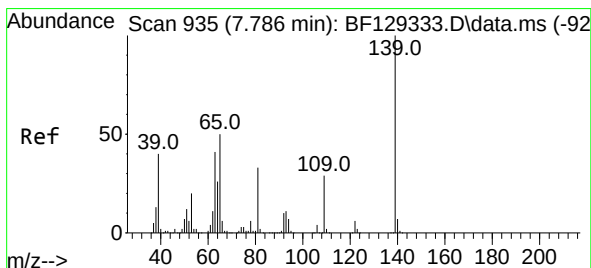
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



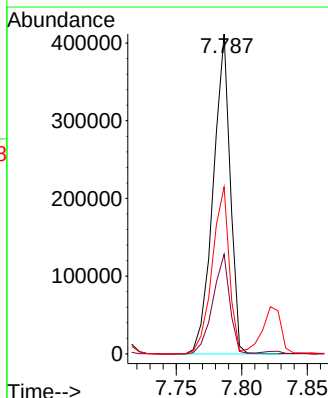
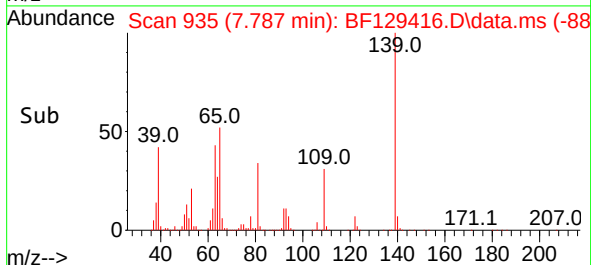
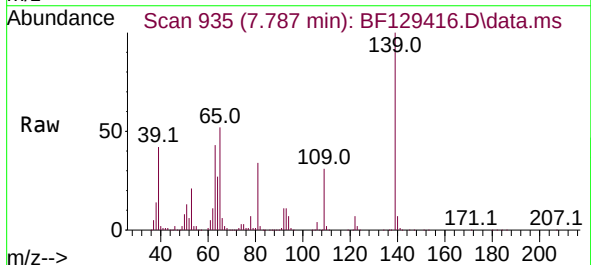
07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022

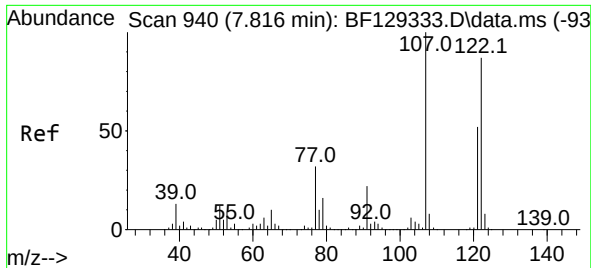


#26  
2-Nitrophenol  
Concen: 48.397 ng  
RT: 7.787 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:139 Resp: 371735  
Ion Ratio Lower Upper  
139 100  
109 31.1 25.0 37.4  
65 52.2 45.1 67.7







#27

2,4-Dimethylphenol

Concen: 54.185 ng m

RT: 7.828 min Scan# 94

Delta R.T. 0.012 min

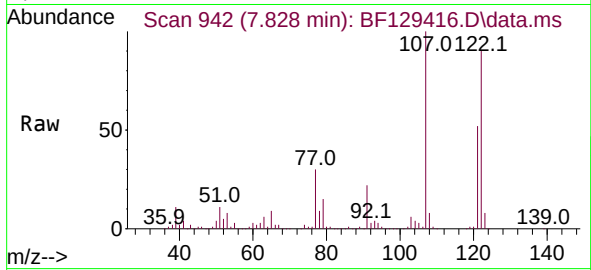
Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:122 Resp: 624303

Ion Ratio Lower Upper

122 100

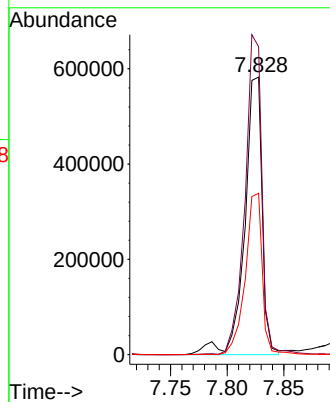
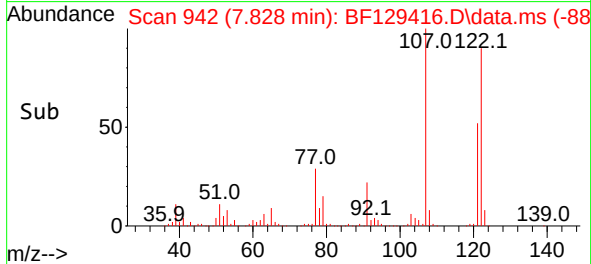
107 110.9 93.0 139.6

121 58.1 46.6 70.0

Manual Integrations

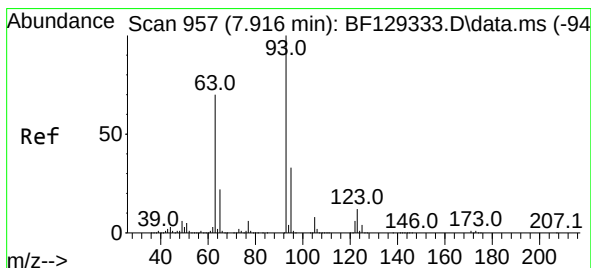
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.854 ng

RT: 7.916 min Scan# 957

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

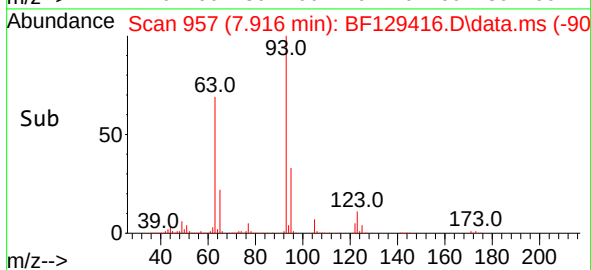
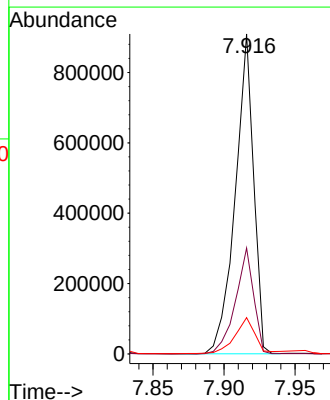
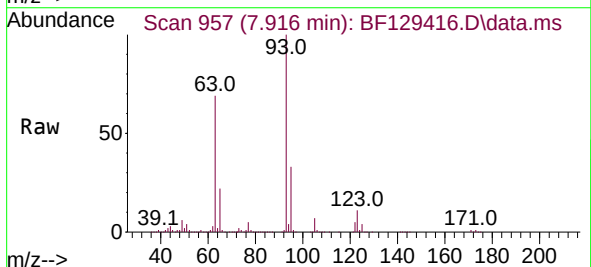
Tgt Ion: 93 Resp: 815263

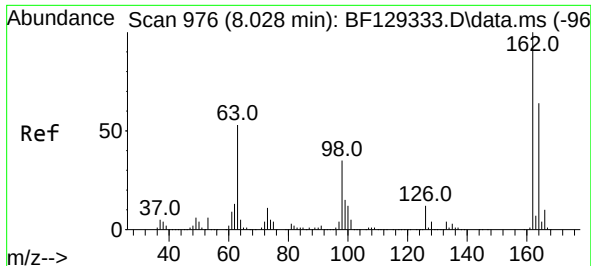
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.802 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

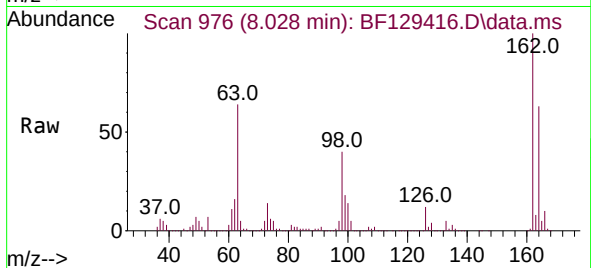
Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

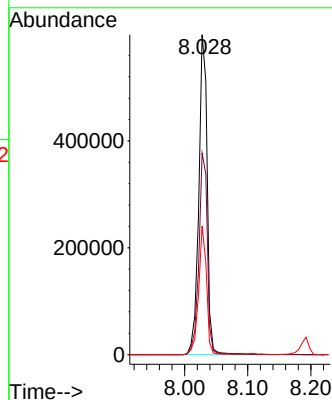


Tgt Ion:162 Resp: 556564

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 62.9  | 44.2  | 84.2  |
| 98  | 40.2  | 19.6  | 59.6  |

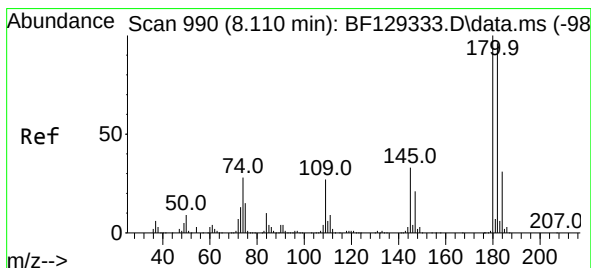
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.399 ng

RT: 8.110 min Scan# 990

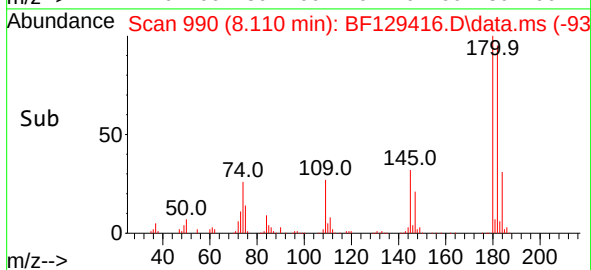
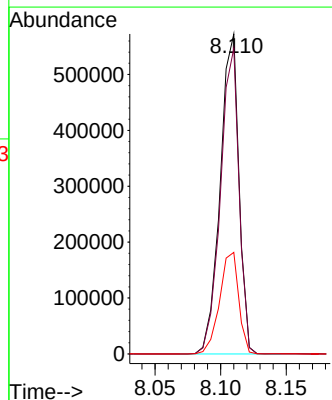
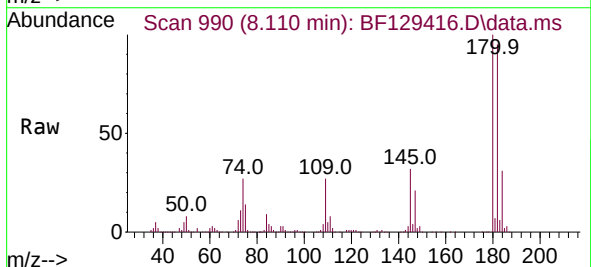
Delta R.T. 0.000 min

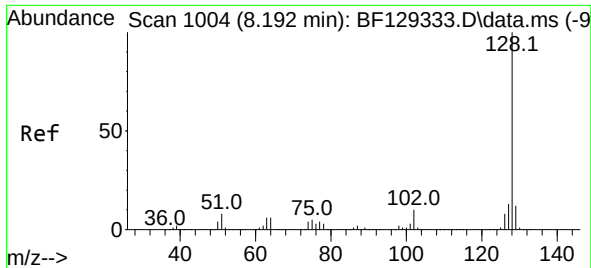
Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Tgt Ion:180 Resp: 571133

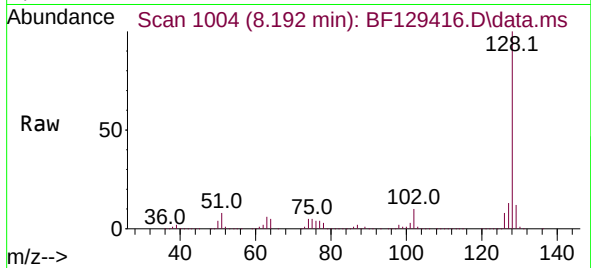
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 79.2  | 118.8 |
| 145 | 31.7  | 26.2  | 39.2  |





#31  
Naphthalene  
Concen: 45.222 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

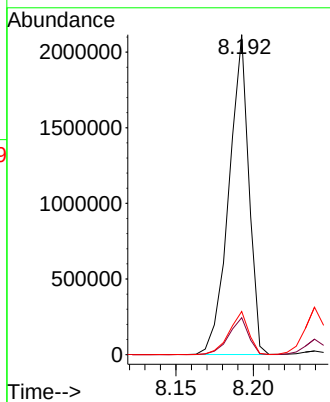
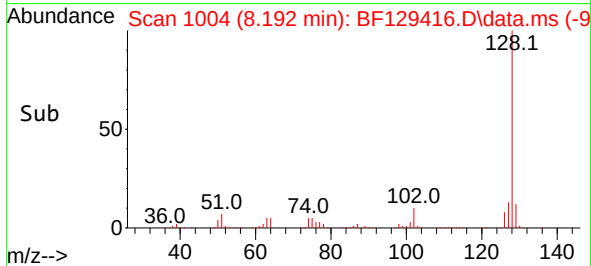
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:128 Resp: 189632  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.2 13.8  
127 13.5 10.5 15.7

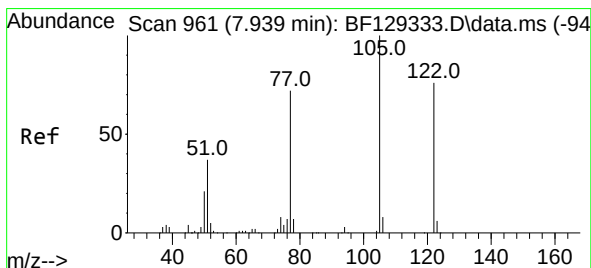
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



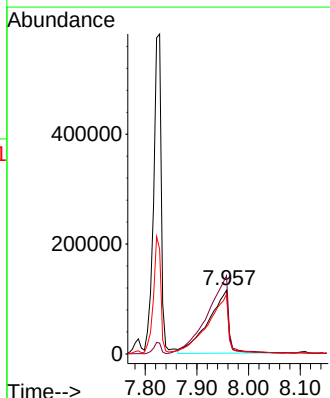
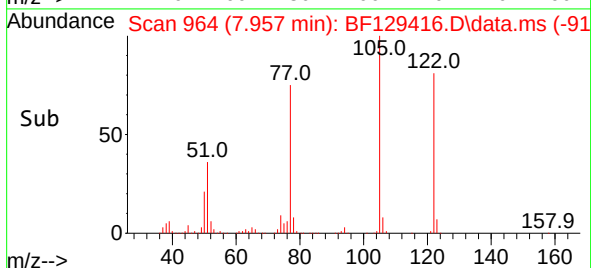
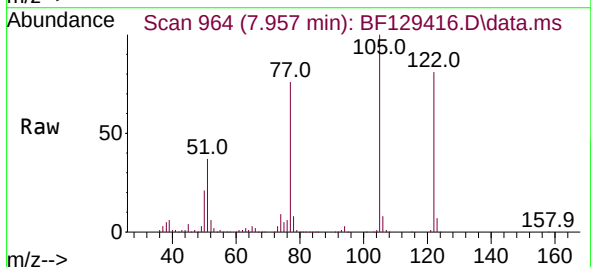
07/29/2022  
Supervised By :Jagrut  
Upadhyay

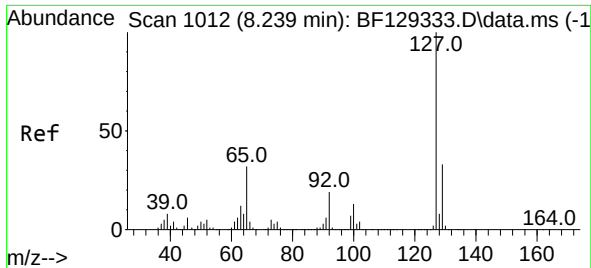
07/29/2022



#32  
Benzoic acid  
Concen: 38.406 ng  
RT: 7.957 min Scan# 964  
Delta R.T. 0.018 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:122 Resp: 319893  
Ion Ratio Lower Upper  
122 100  
105 123.0 107.1 147.1  
77 94.0 74.2 114.2



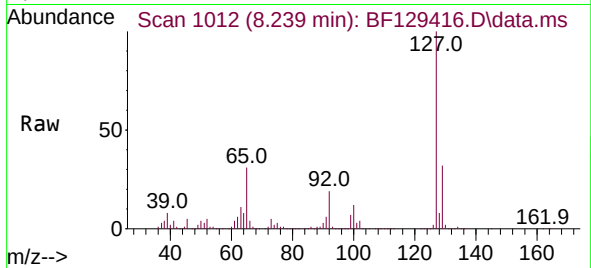


#33  
4-Chloroaniline  
Concen: 21.350 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

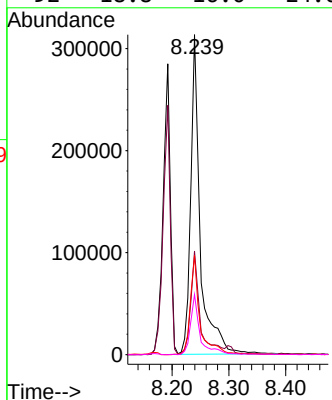
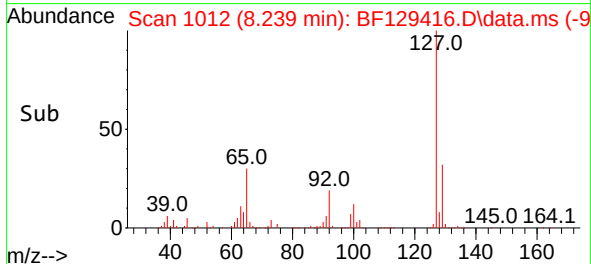
ClientSampleId :



Tgt Ion:127 Resp: 367573  
Ion Ratio Lower Upper  
127 100  
129 32.4 26.4 39.6  
65 31.1 26.4 39.6  
92 18.8 16.0 24.0

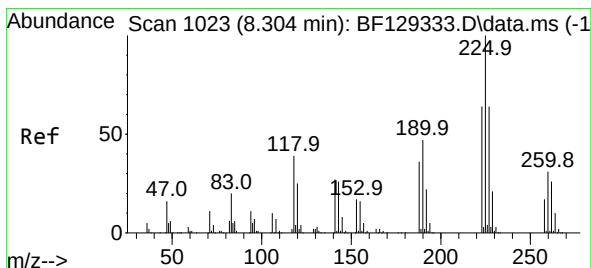
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



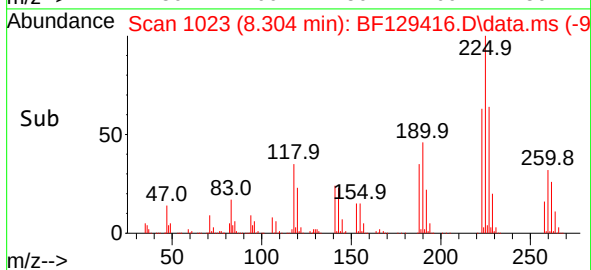
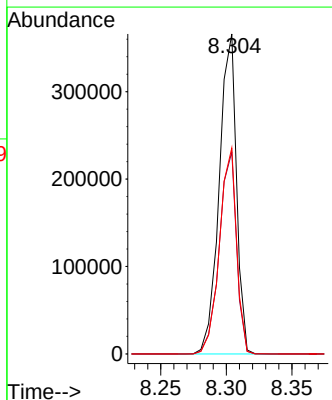
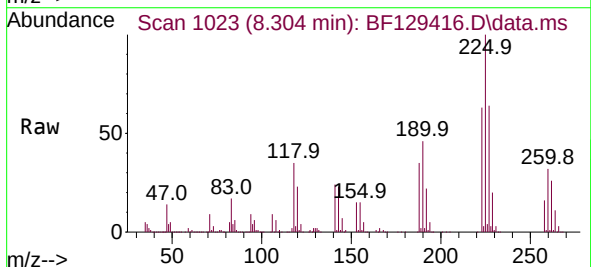
07/29/2022  
Supervised By :Jagrut  
Upadhyay

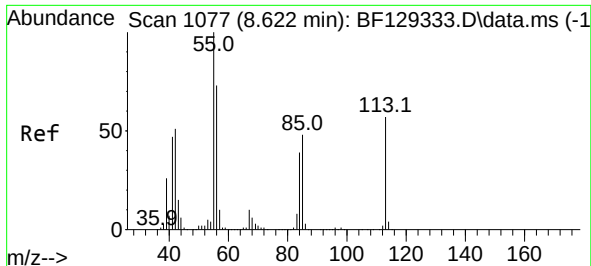
07/29/2022



#34  
Hexachlorobutadiene  
Concen: 47.980 ng  
RT: 8.304 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

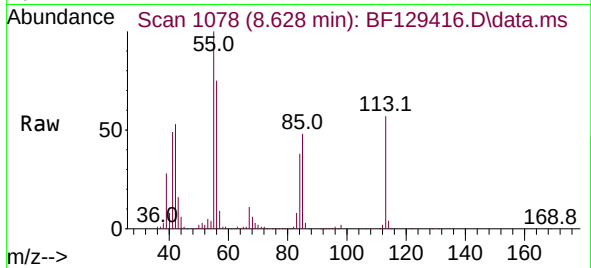
Tgt Ion:225 Resp: 335709  
Ion Ratio Lower Upper  
225 100  
223 63.1 51.0 76.6  
227 64.4 51.1 76.7





#35  
Caprolactam  
Concen: 46.485 ng m  
RT: 8.628 min Scan# 1077  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

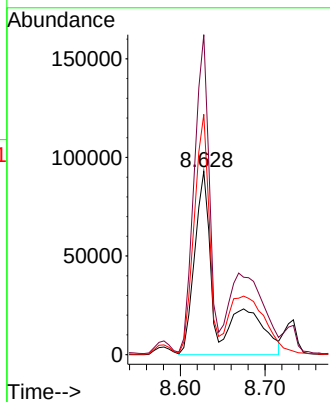
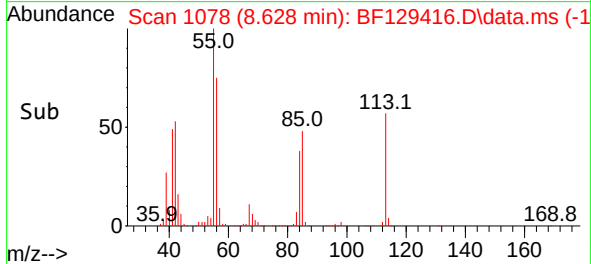
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:113 Resp: 179722  
Ion Ratio Lower Upper  
113 100  
55 174.7 188.5 228.5  
56 131.1 130.6 170.6

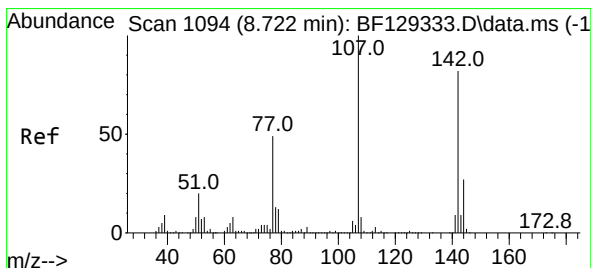
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



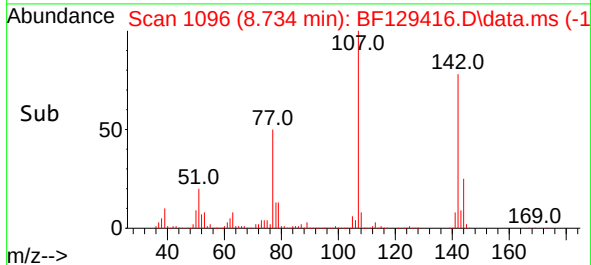
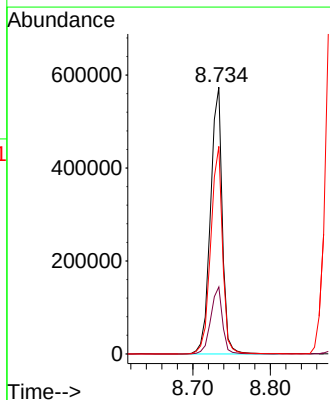
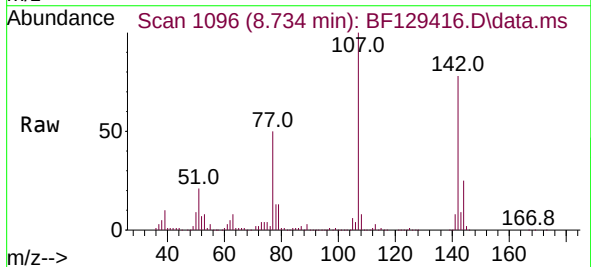
07/29/2022  
Supervised By :Jagrut  
Upadhyay

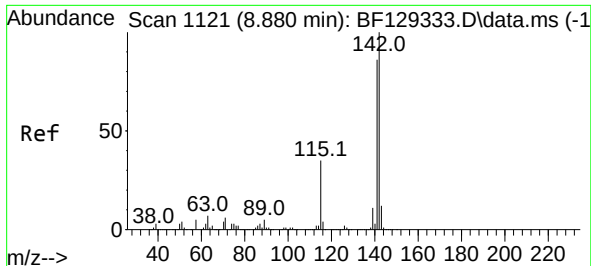
07/29/2022



#36  
4-Chloro-3-methylphenol  
Concen: 48.122 ng  
RT: 8.734 min Scan# 1096  
Delta R.T. 0.012 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:107 Resp: 606954  
Ion Ratio Lower Upper  
107 100  
144 25.1 19.5 29.3  
142 77.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 46.232 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:142 Resp: 1259873

Ion Ratio Lower Upper

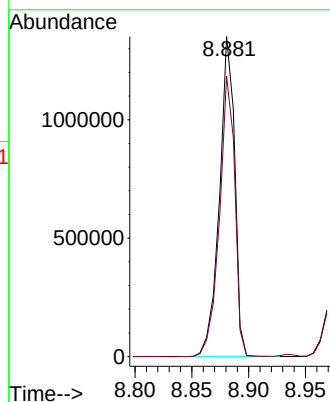
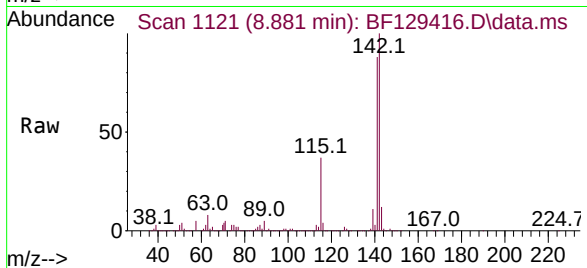
142 100

141 87.6 71.0 106.4

Manual Integrations

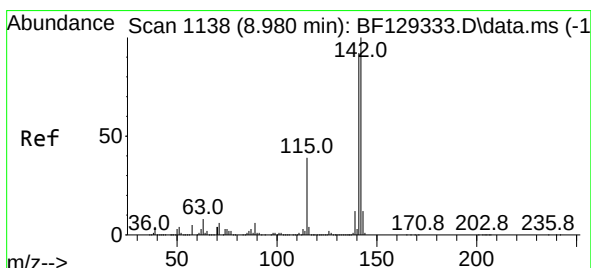
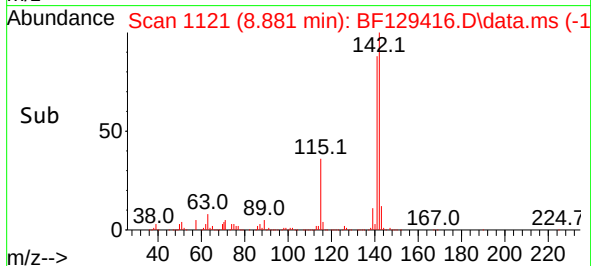
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagru  
Upadhyay

07/29/2022



#38

1-Methylnaphthalene

Concen: 45.389 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129416.D

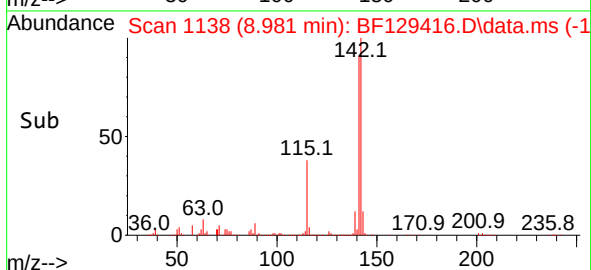
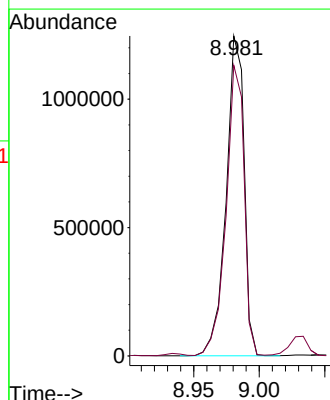
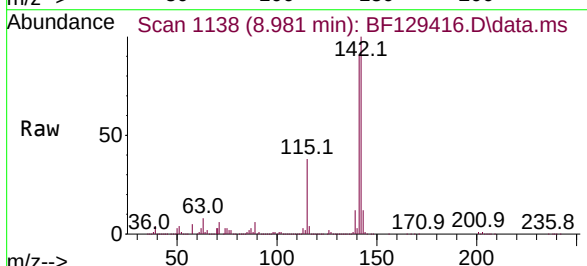
Acq: 28 Jul 2022 19:11

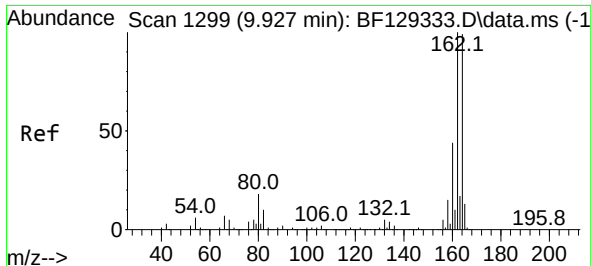
Tgt Ion:142 Resp: 1194034

Ion Ratio Lower Upper

142 100

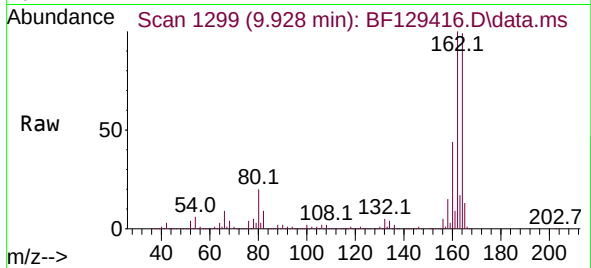
141 90.8 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

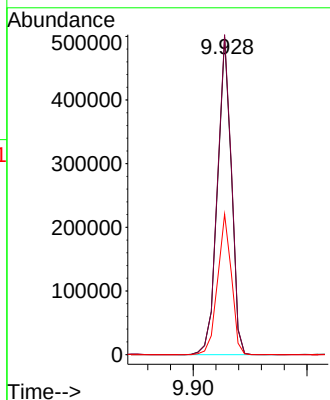
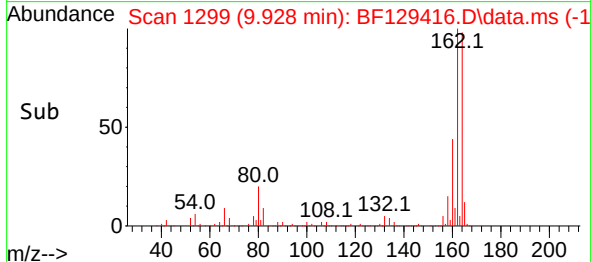
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:164 Resp: 422521  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.5 119.3  
160 44.3 34.2 51.4

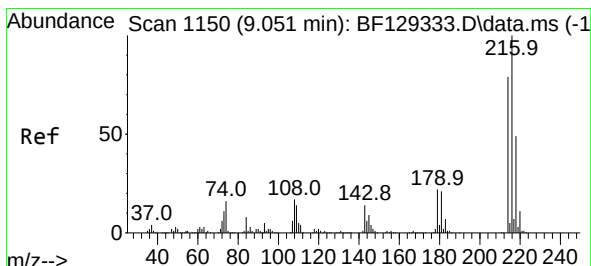
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

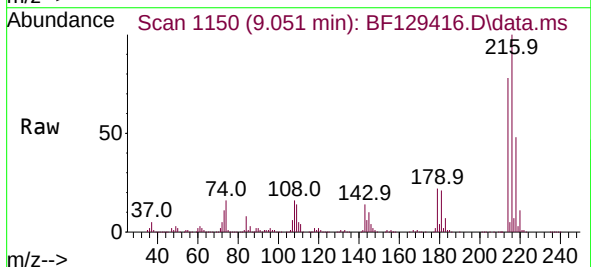


07/29/2022  
Supervised By :Jagrut  
Upadhyay

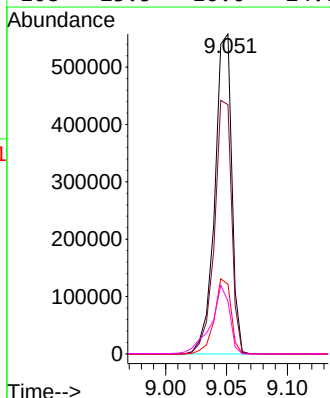
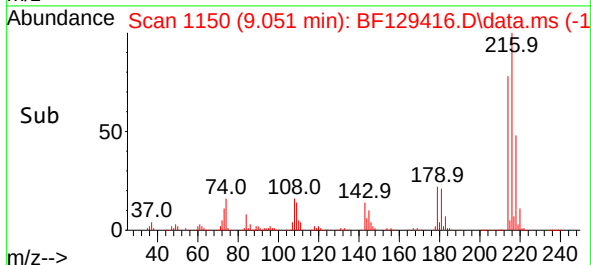
07/29/2022

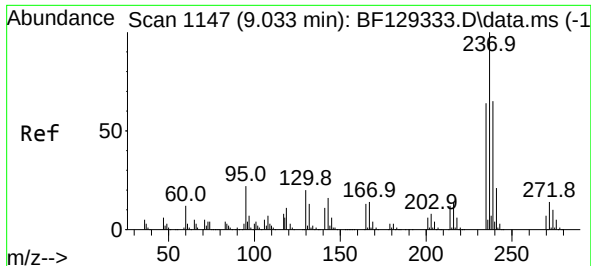


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.758 ng  
RT: 9.051 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



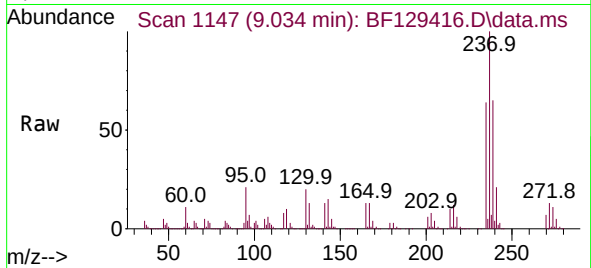
Tgt Ion:216 Resp: 540948  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.6 95.4  
179 23.0 17.0 25.6  
108 23.5 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 107.876 ng  
RT: 9.034 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

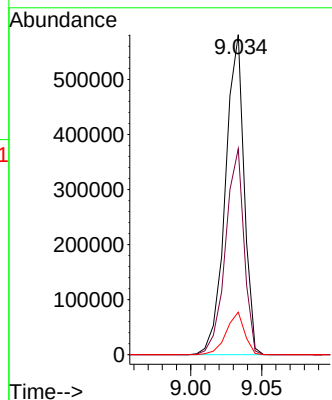
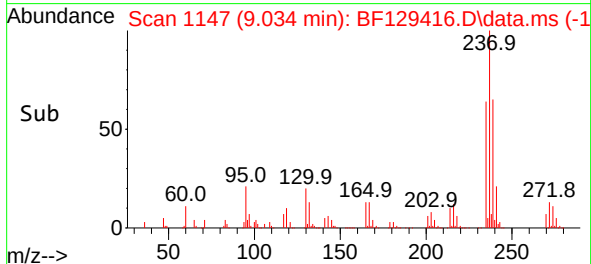
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:237 Resp: 532937  
Ion Ratio Lower Upper  
237 100  
235 64.3 43.2 83.2  
272 13.3 0.0 31.9

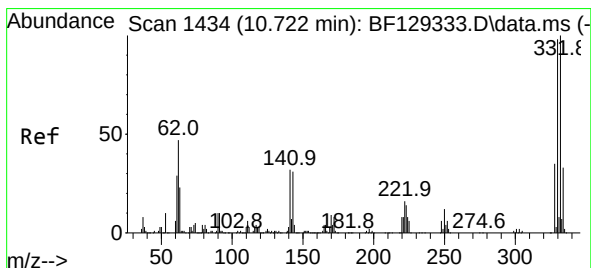
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

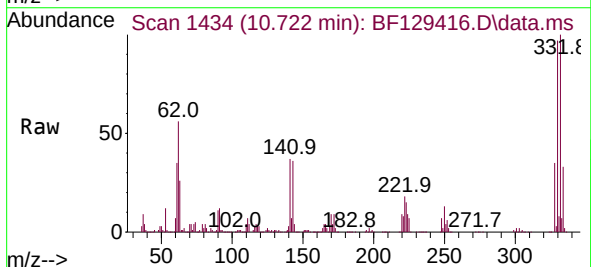


07/29/2022  
Supervised By :Jagrut  
Upadhyay

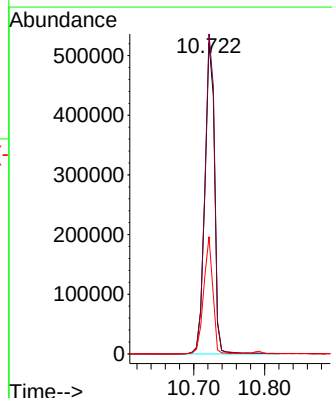
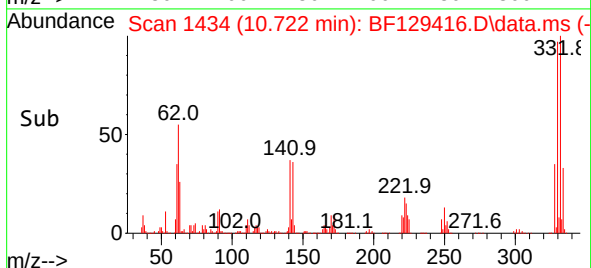
07/29/2022



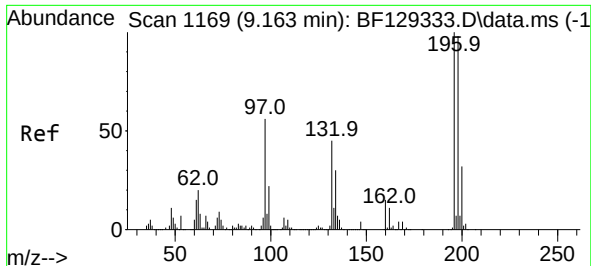
#42  
2,4,6-Tribromophenol  
Concen: 120.496 ng  
RT: 10.722 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion:330 Resp: 489480  
Ion Ratio Lower Upper  
330 100  
332 103.1 76.8 115.2  
141 35.8 28.0 42.0

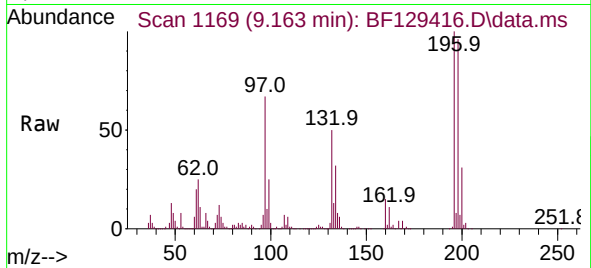






#43  
2,4,6-Trichlorophenol  
Concen: 46.810 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

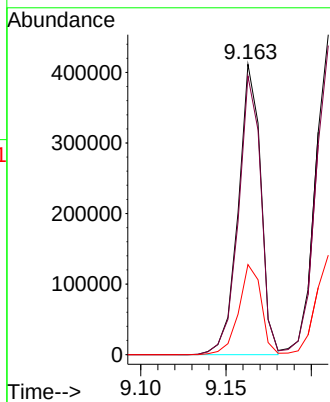
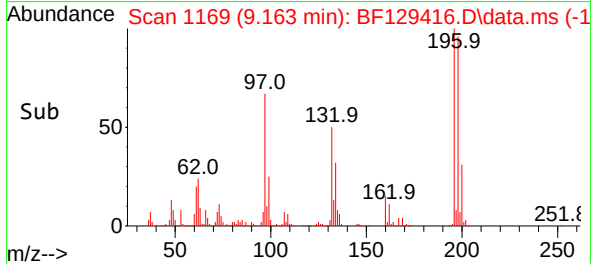
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:196 Resp: 377196  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.0 111.0  
200 31.0 24.1 36.1

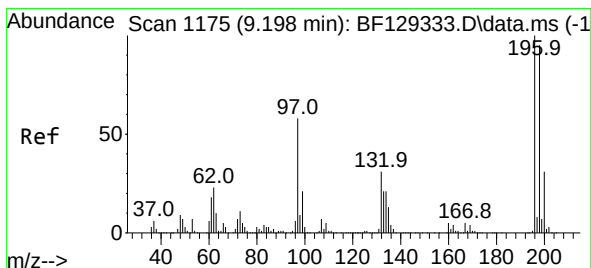
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

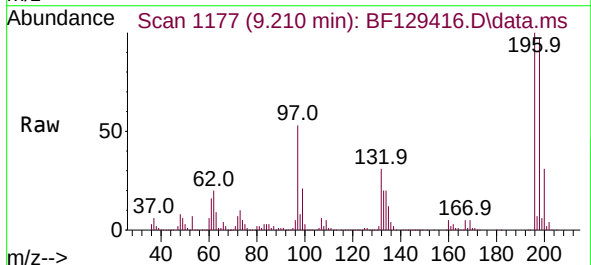


07/29/2022  
Supervised By :Jagrut  
Upadhyay

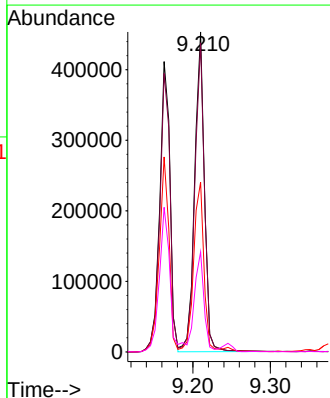
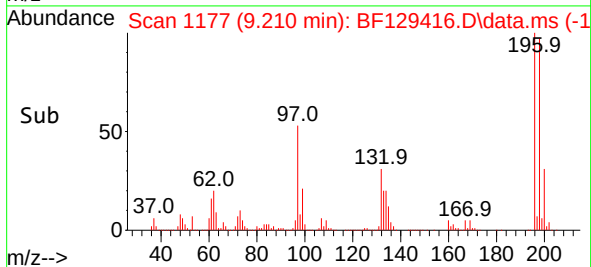
07/29/2022

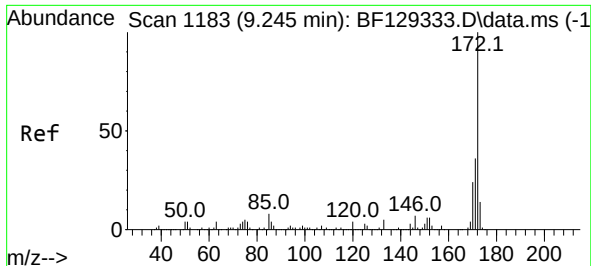


#44  
2,4,5-Trichlorophenol  
Concen: 45.469 ng  
RT: 9.210 min Scan# 1177  
Delta R.T. 0.012 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



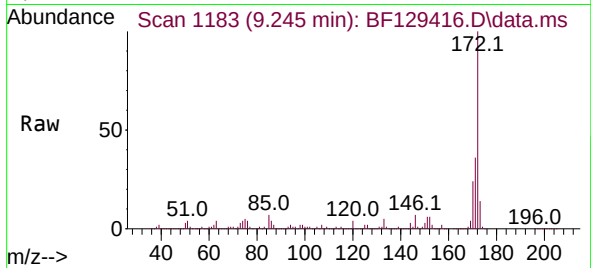
Tgt Ion:196 Resp: 398442  
Ion Ratio Lower Upper  
196 100  
198 96.6 75.7 113.5  
97 53.1 36.4 54.6  
132 31.2 20.7 31.1#





#45  
2-Fluorobiphenyl  
Concen: 79.316 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

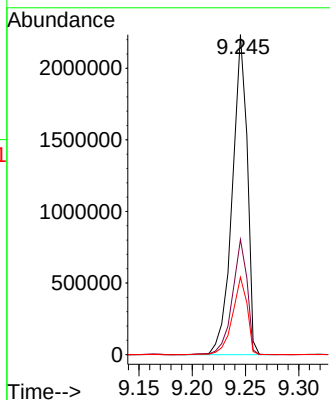
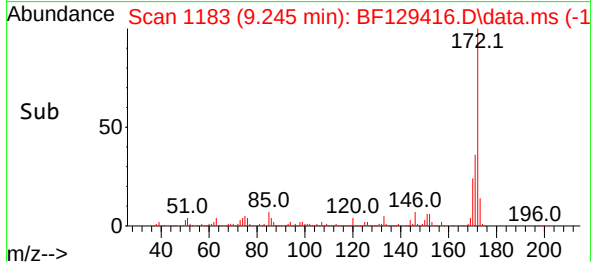
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:172 Resp: 2166372  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.8 43.2  
170 24.2 19.8 29.8

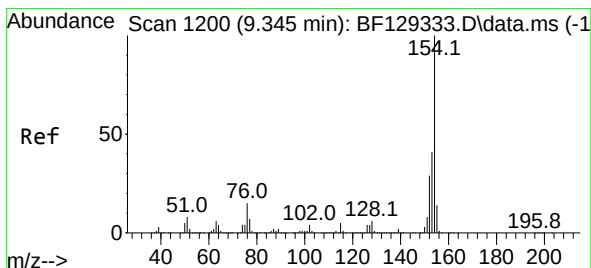
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

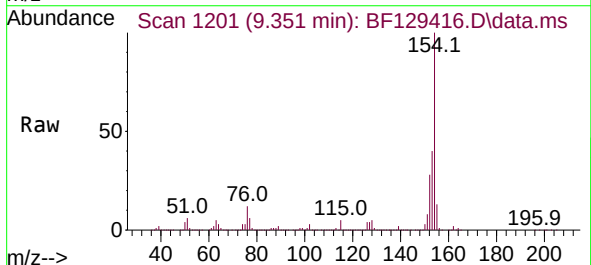


07/29/2022  
Supervised By :Jagrut  
Upadhyay

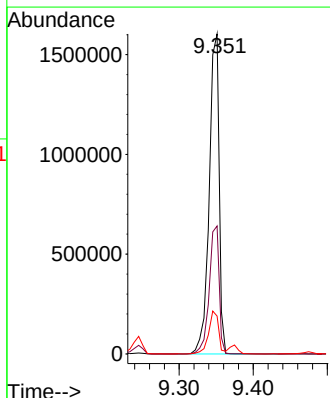
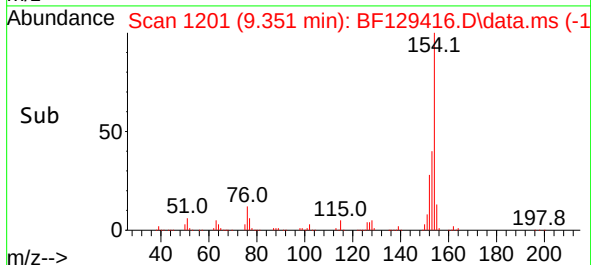
07/29/2022

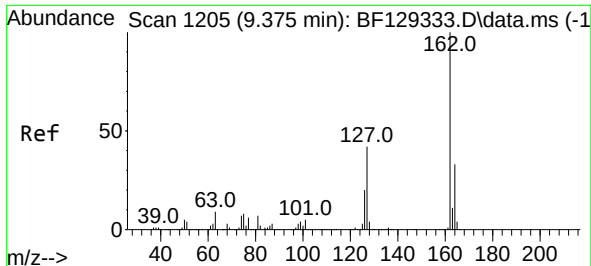


#46  
1,1'-Biphenyl  
Concen: 48.275 ng  
RT: 9.351 min Scan# 1201  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion:154 Resp: 1488595  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.6 60.6  
76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.812 ng

RT: 9.375 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:162 Resp: 1166910

Ion Ratio Lower Upper

162 100

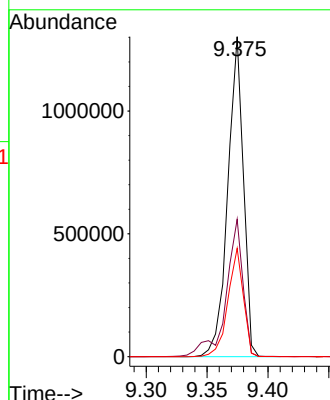
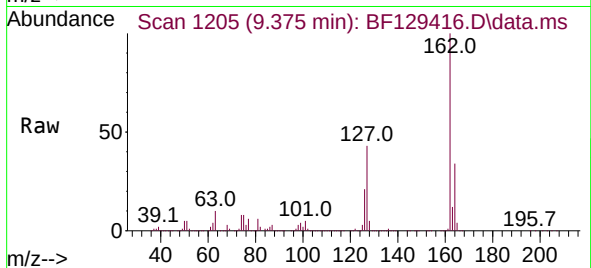
127 42.9 34.5 51.7

164 33.8 26.5 39.7

Manual Integrations

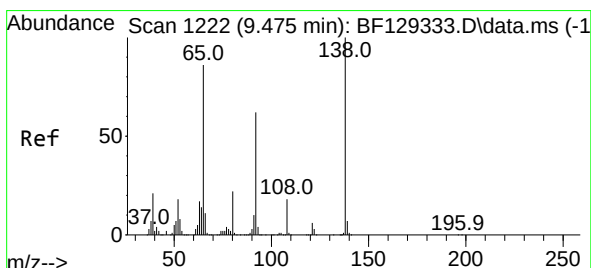
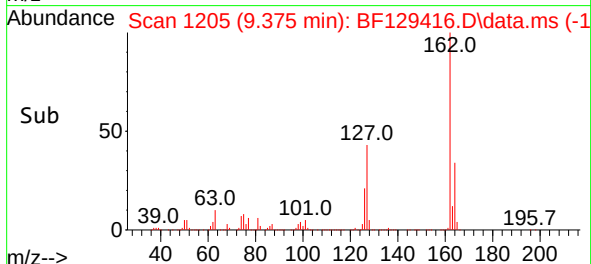
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#48

2-Nitroaniline

Concen: 45.583 ng

RT: 9.475 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

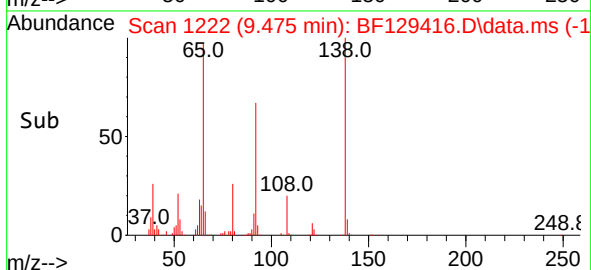
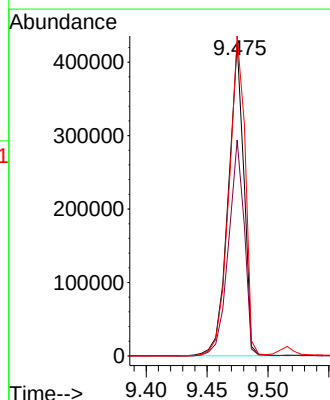
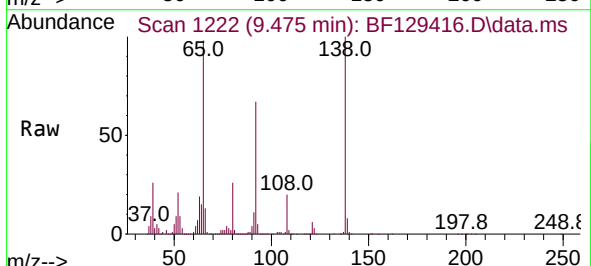
Tgt Ion: 65 Resp: 377840

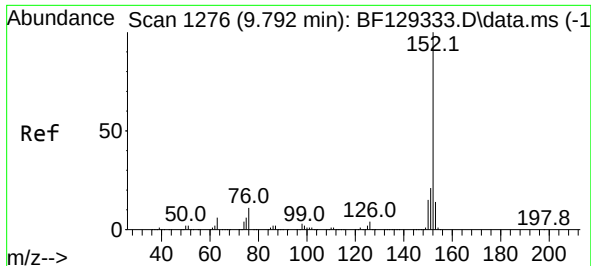
Ion Ratio Lower Upper

65 100

92 69.1 51.9 77.9

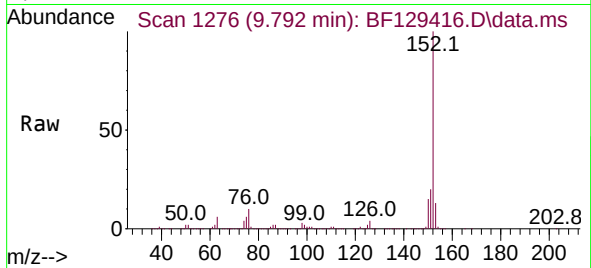
138 102.5 76.4 114.6





#49  
Acenaphthylene  
Concen: 46.298 ng  
RT: 9.792 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

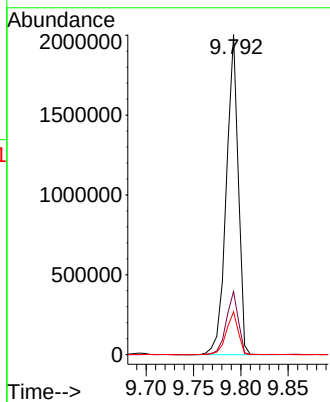
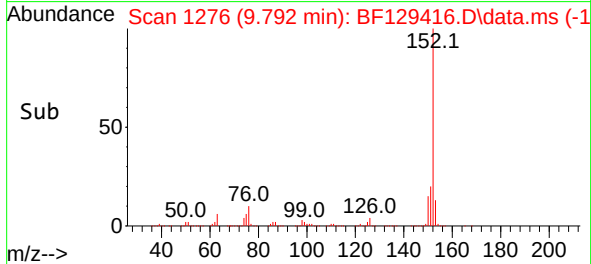
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:152 Resp: 1753624  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.4  
153 13.4 10.7 16.1

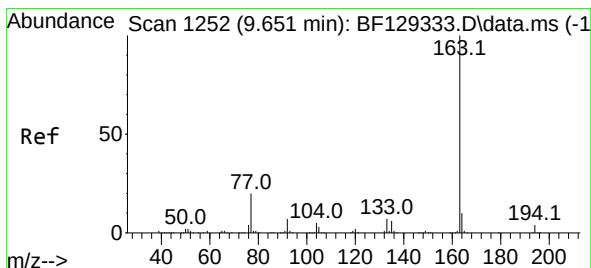
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

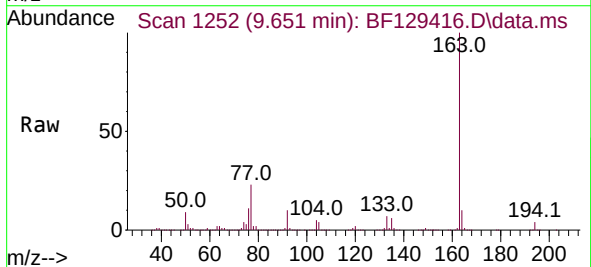


07/29/2022  
Supervised By :Jagrut  
Upadhyay

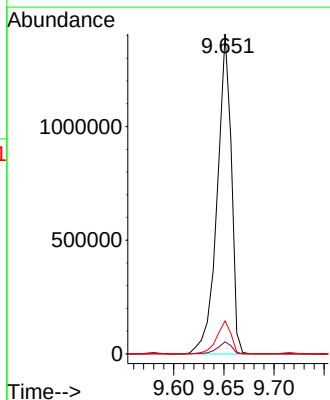
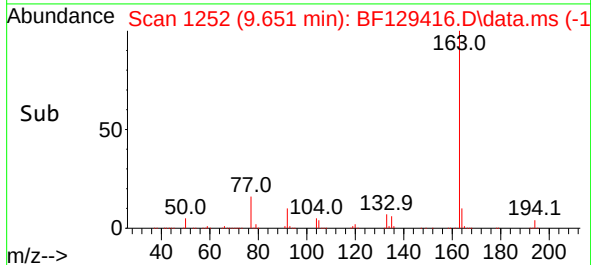
07/29/2022

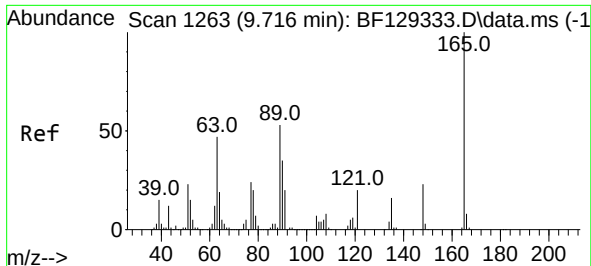


#50  
Dimethylphthalate  
Concen: 47.502 ng  
RT: 9.651 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion:163 Resp: 1385547  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.430 ng

RT: 9.716 min Scan# 11

Delta R.T. 0.000 min

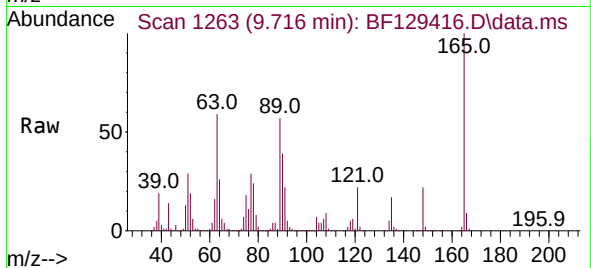
Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:165 Resp: 30964

Ion Ratio Lower Upper

165 100

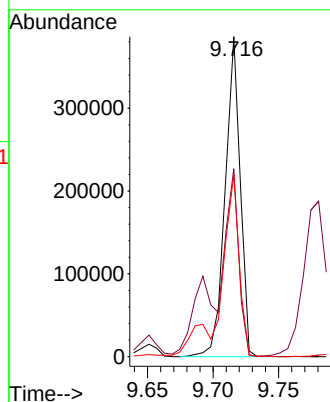
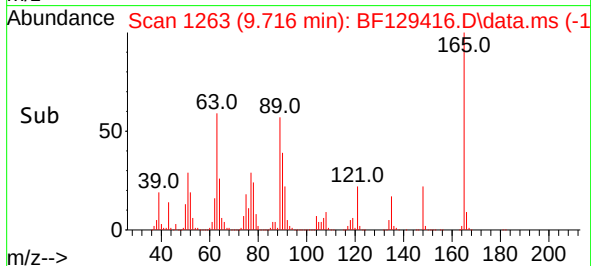
63 58.7 44.9 67.3

89 56.9 43.6 65.4

Manual Integrations

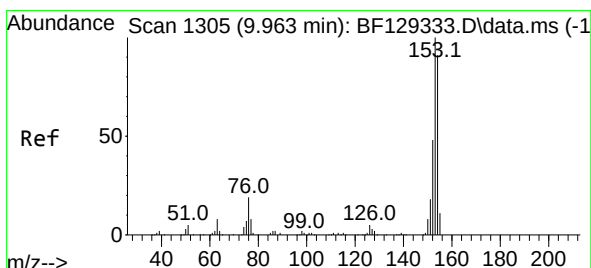
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#52

Acenaphthene

Concen: 49.912 ng m

RT: 9.963 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

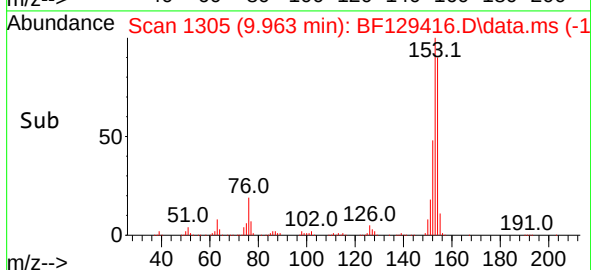
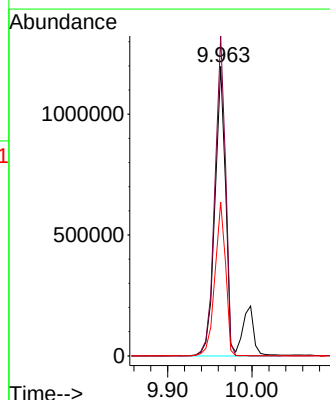
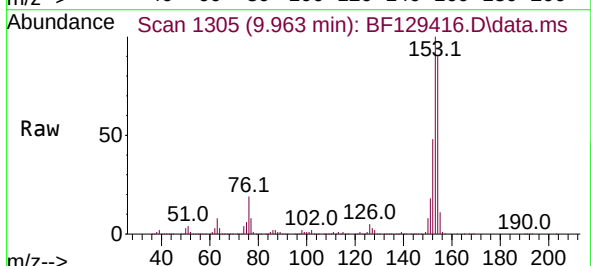
Tgt Ion:154 Resp: 1234792

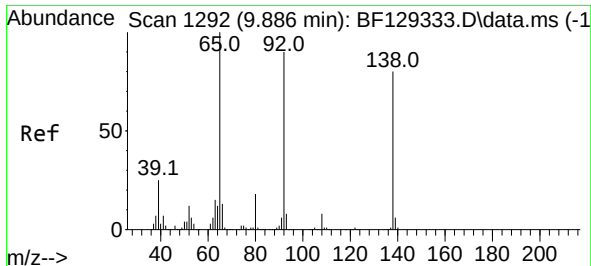
Ion Ratio Lower Upper

154 100

153 110.6 89.6 134.4

152 53.2 42.4 63.6



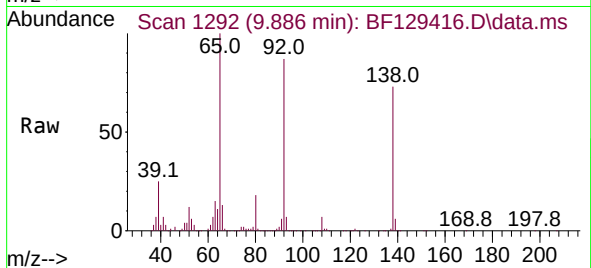


#53  
3-Nitroaniline  
Concen: 31.199 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

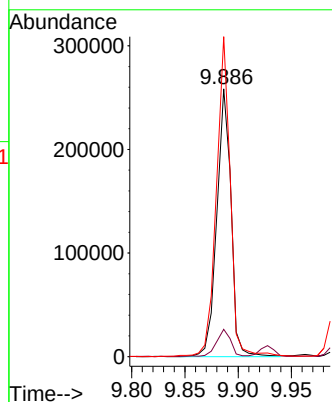
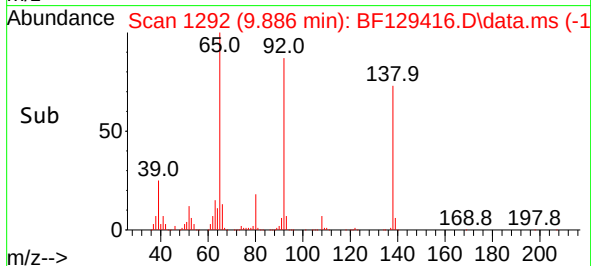
ClientSampleId :



Tgt Ion:138 Resp: 240511  
Ion Ratio Lower Upper  
138 100  
108 10.2 10.9 16.3  
92 119.5 98.2 147.2

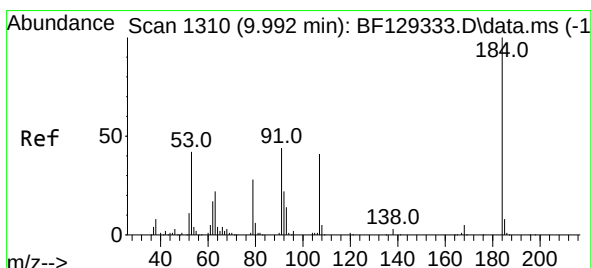
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

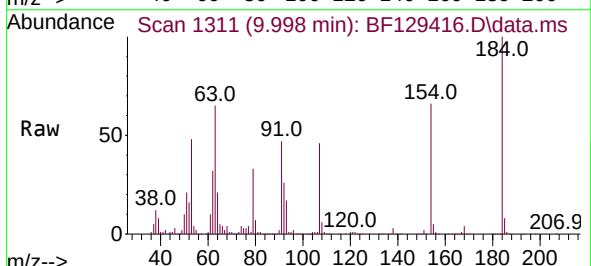


07/29/2022  
Supervised By :Jagrut  
Upadhyay

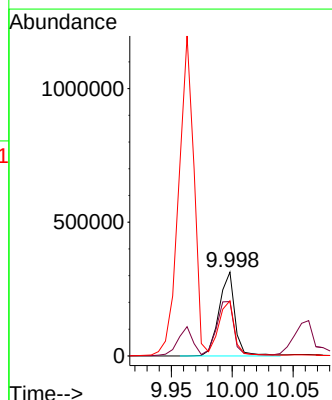
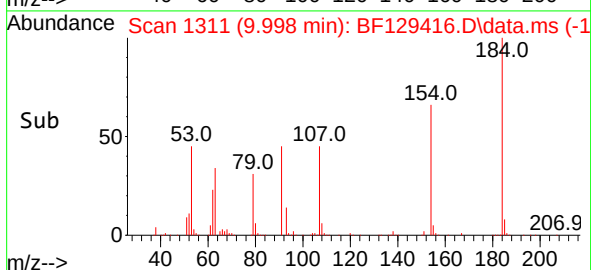
07/29/2022

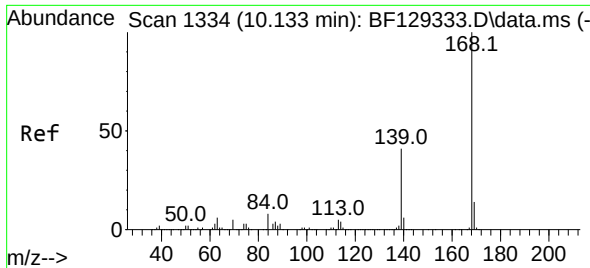


#54  
2,4-Dinitrophenol  
Concen: 85.424 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



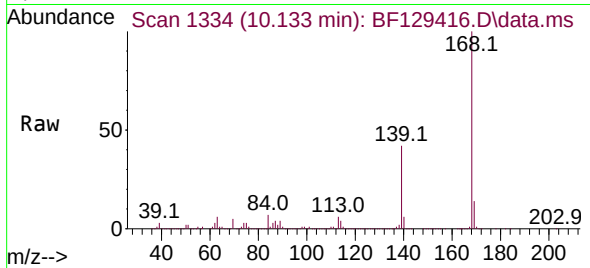
Tgt Ion:184 Resp: 284695  
Ion Ratio Lower Upper  
184 100  
63 64.8 64.5 96.7  
154 65.8 50.6 75.8





#55  
Dibenzenofuran  
Concen: 46.433 ng  
RT: 10.133 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

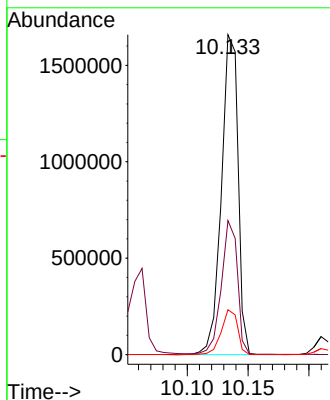
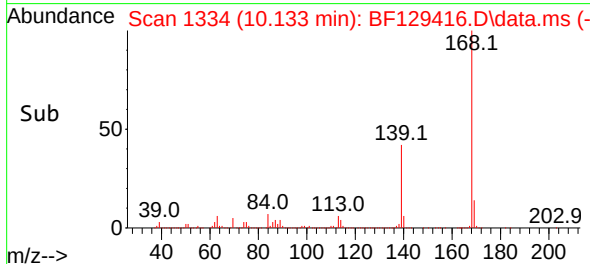
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:168 Resp: 1583543  
Ion Ratio Lower Upper  
168 100  
139 41.9 30.6 46.0  
169 14.0 11.0 16.6

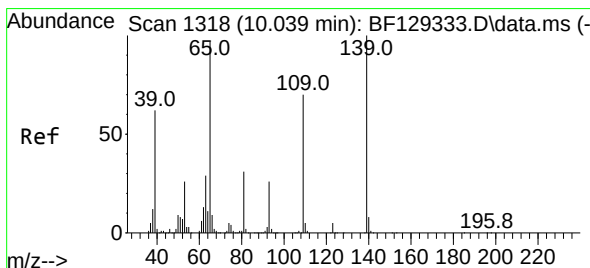
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



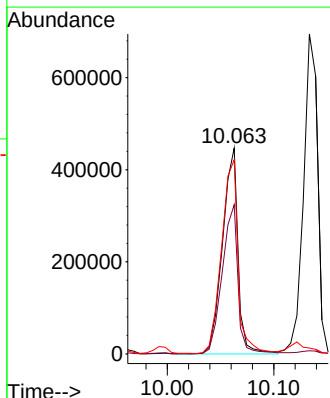
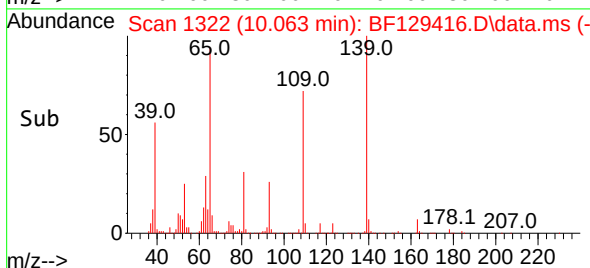
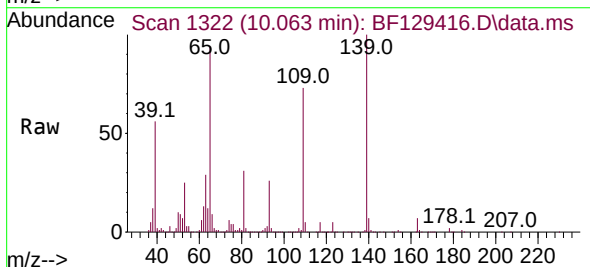
07/29/2022  
Supervised By :Jagrut  
Upadhyay

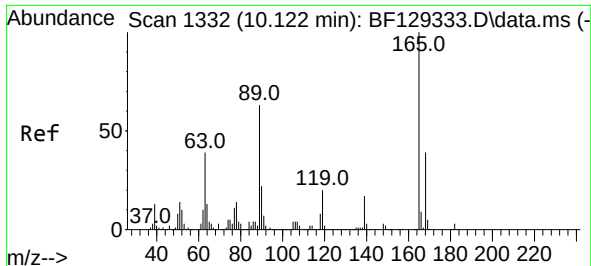
07/29/2022



#56  
4-Nitrophenol  
Concen: 79.986 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. 0.024 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

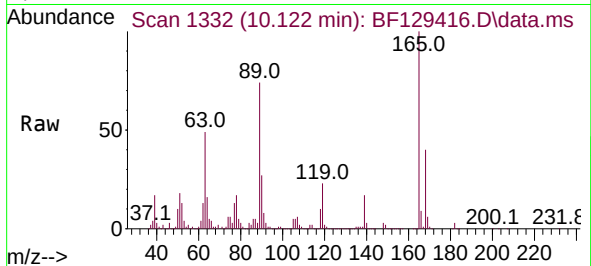
Tgt Ion:139 Resp: 454900  
Ion Ratio Lower Upper  
139 100  
109 72.5 50.7 90.7  
65 94.4 74.5 114.5





#57  
2,4-Dinitrotoluene  
Concen: 46.466 ng  
RT: 10.122 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

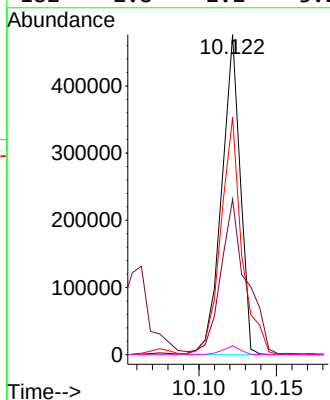
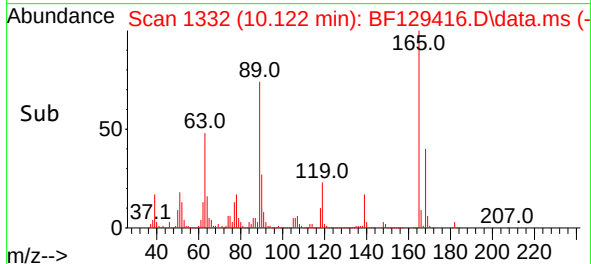
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:165 Resp: 396277  
Ion Ratio Lower Upper  
165 100  
63 48.5 39.8 59.6  
89 74.1 60.2 90.2  
182 2.8 2.2 3.2

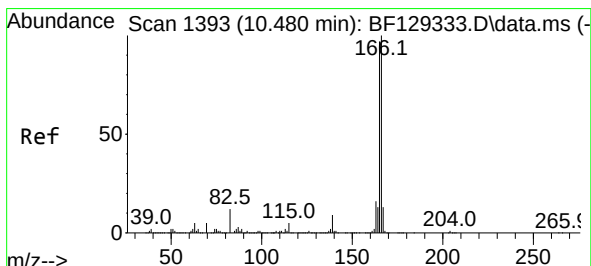
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

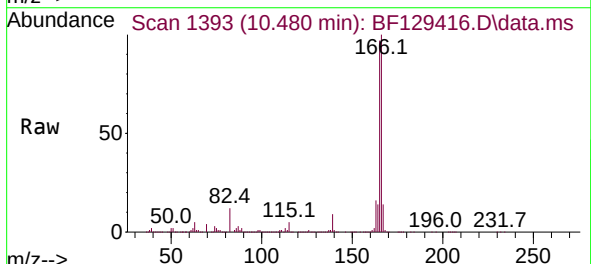


07/29/2022  
Supervised By :Jagrut  
Upadhyay

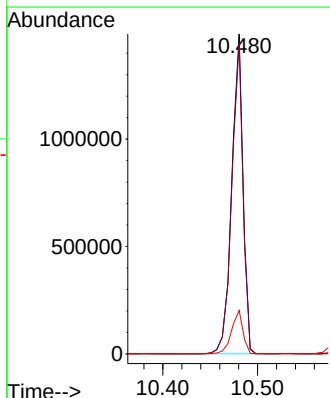
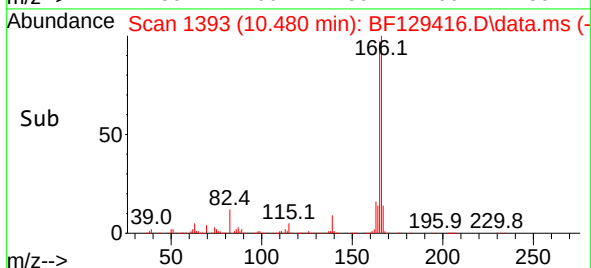
07/29/2022



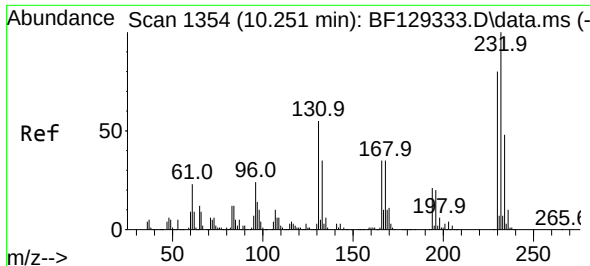
#58  
Fluorene  
Concen: 45.249 ng  
RT: 10.480 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



Tgt Ion:166 Resp: 1234706  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.1 117.1  
167 13.6 10.5 15.7

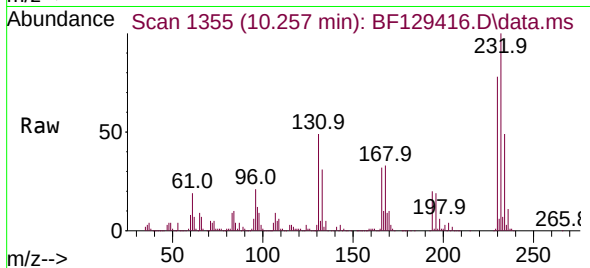






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.070 ng  
RT: 10.257 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

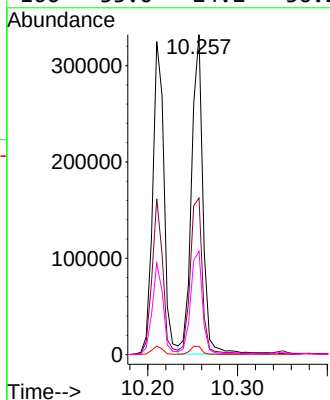
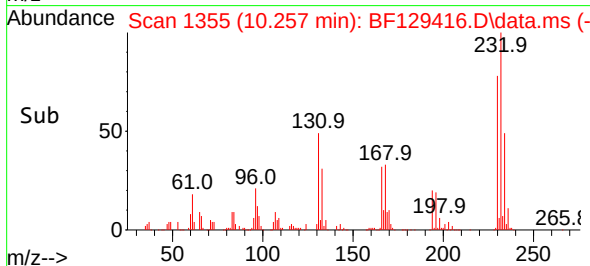
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:232 Resp: 291670  
Ion Ratio Lower Upper  
232 100  
131 52.3 36.1 54.1  
130 2.7 1.8 2.8  
166 33.6 24.2 36.2

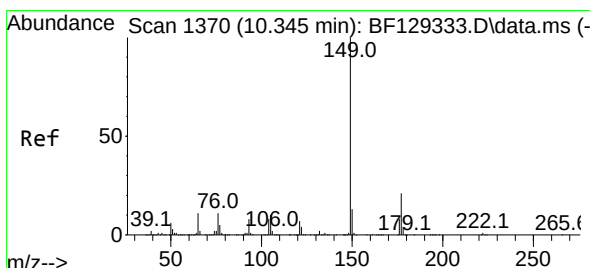
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

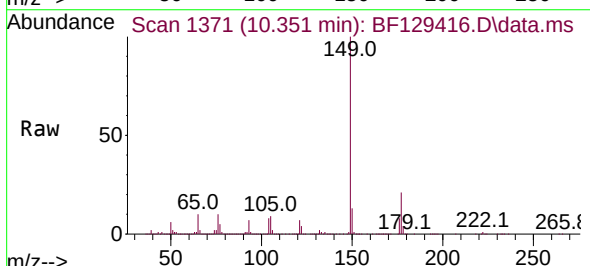


07/29/2022  
Supervised By :Jagrut  
Upadhyay

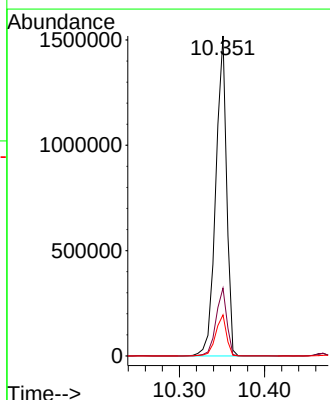
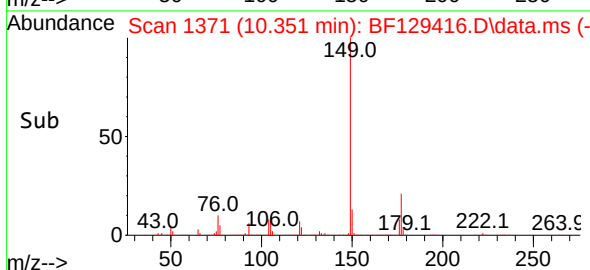
07/29/2022

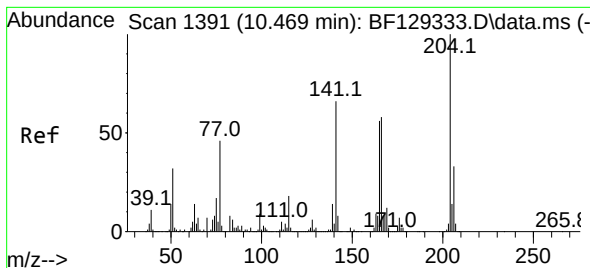


#60  
Diethylphthalate  
Concen: 47.519 ng  
RT: 10.351 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



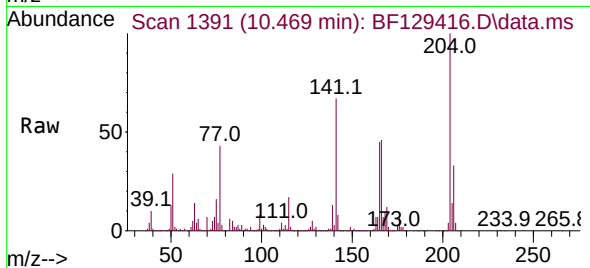
Tgt Ion:149 Resp: 1339868  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.3 25.9  
150 12.8 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 47.266 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

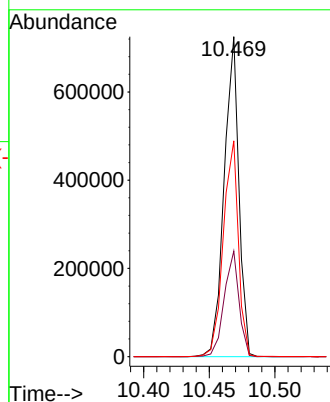
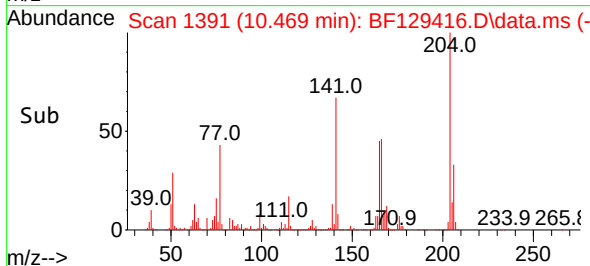
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:204 Resp: 568599  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 67.4 47.0 70.4

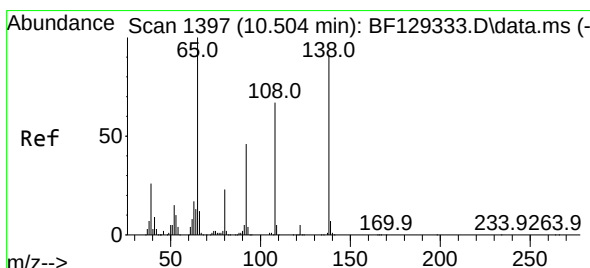
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

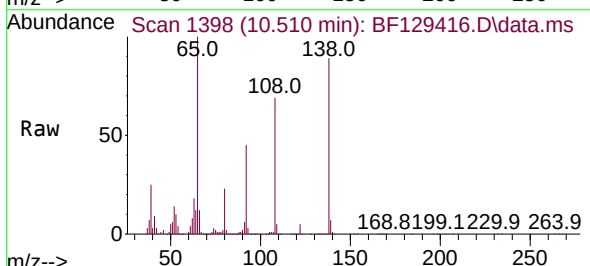


07/29/2022  
Supervised By :Jagrut  
Upadhyay

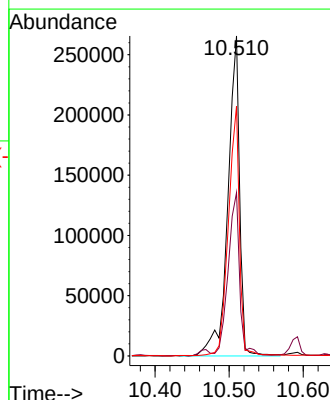
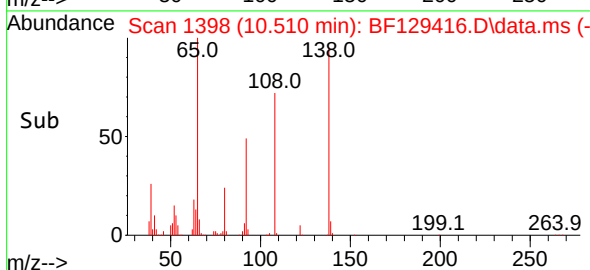
07/29/2022

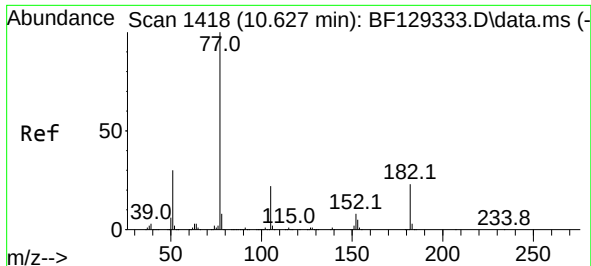


#62  
4-Nitroaniline  
Concen: 38.313 ng  
RT: 10.510 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11



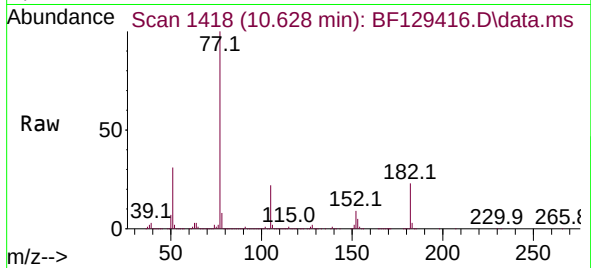
Tgt Ion:138 Resp: 292993  
Ion Ratio Lower Upper  
138 100  
92 51.0 33.5 73.5  
108 78.1 61.0 101.0





#63  
Azobenzene  
Concen: 44.872 ng  
RT: 10.628 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

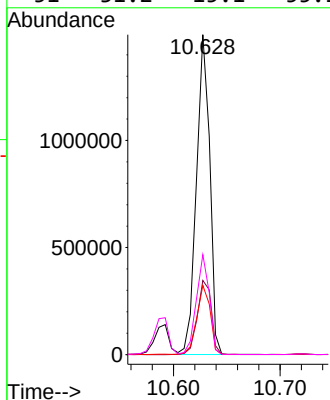
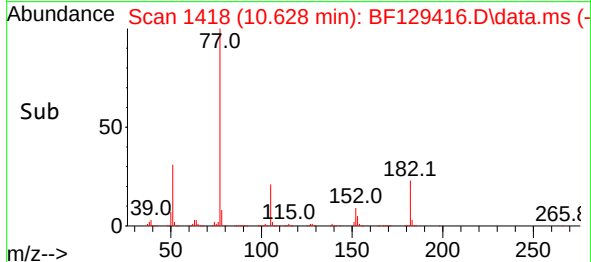
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 1290497  
Ion Ratio Lower Upper  
77 100  
182 23.2 5.6 45.6  
105 21.6 1.6 41.6  
51 31.2 15.1 55.1

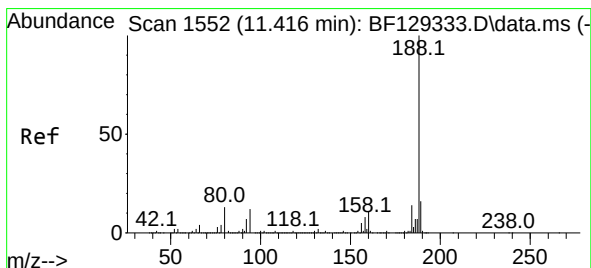
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



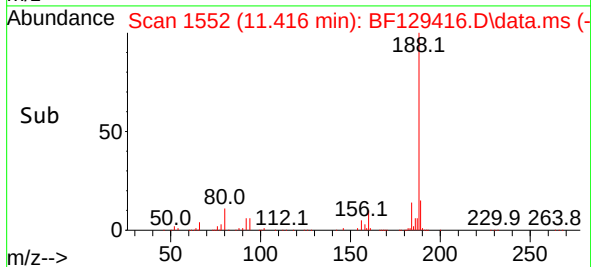
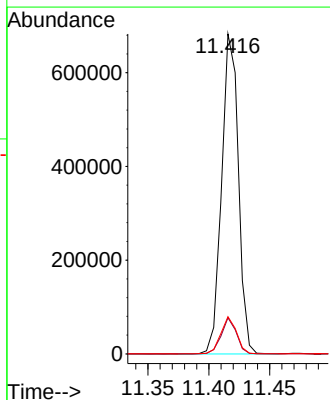
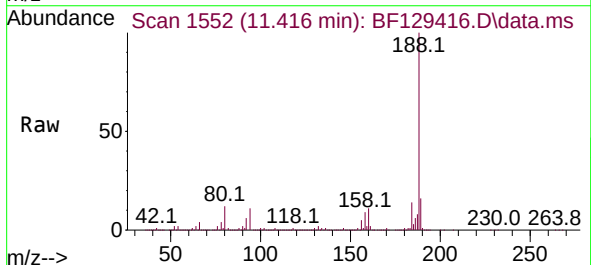
07/29/2022  
Supervised By :Jagrut  
Upadhyay

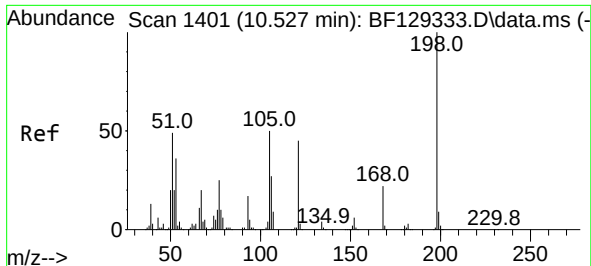
07/29/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1552  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

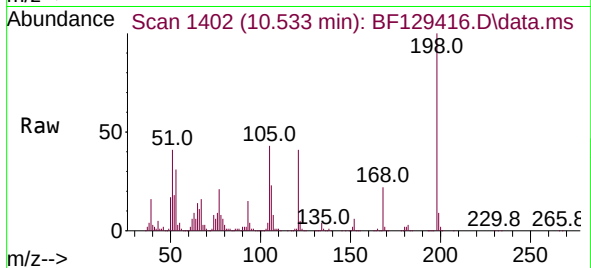
Tgt Ion:188 Resp: 651936  
Ion Ratio Lower Upper  
188 100  
94 11.3 7.0 10.6#  
80 11.6 7.6 11.4#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.123 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

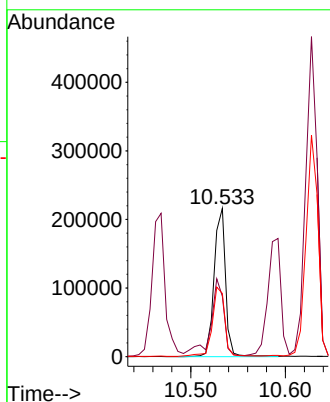
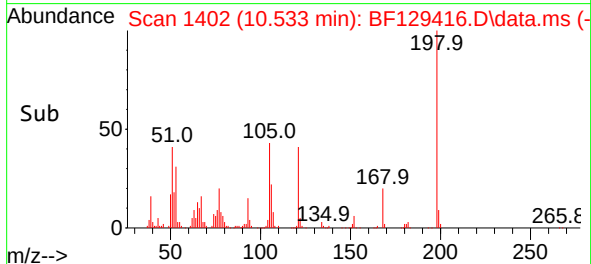
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:198 Resp: 181561  
Ion Ratio Lower Upper  
198 100  
51 40.6 37.6 77.6  
105 42.6 27.0 67.0

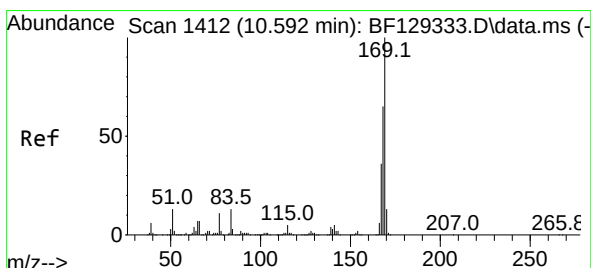
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



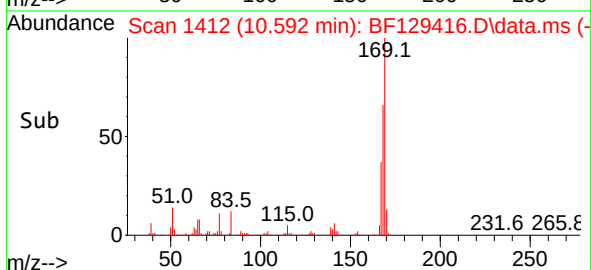
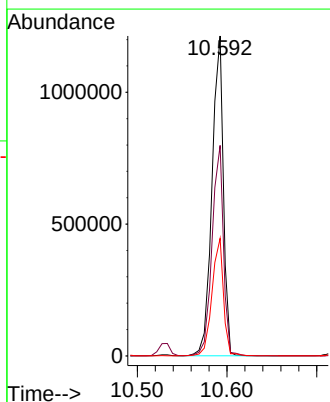
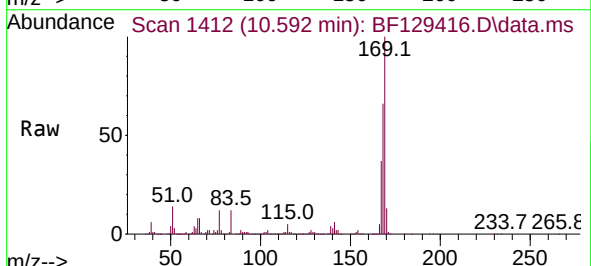
07/29/2022  
Supervised By :Jagrut  
Upadhyay

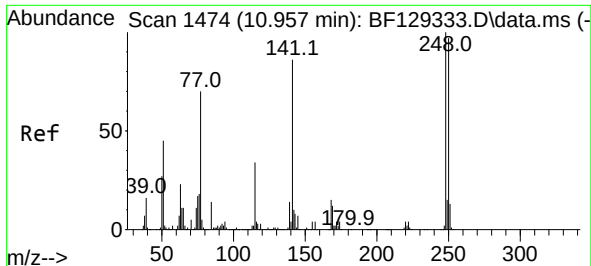
07/29/2022



#66  
n-Nitrosodiphenylamine  
Concen: 49.481 ng  
RT: 10.592 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

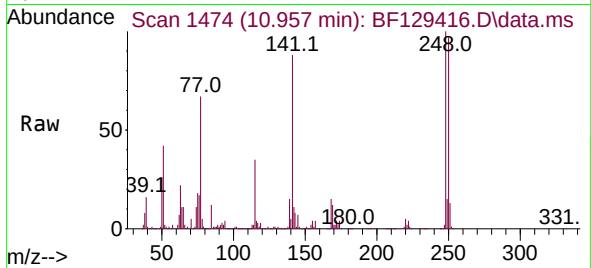
Tgt Ion:169 Resp: 1074285  
Ion Ratio Lower Upper  
169 100  
168 65.8 50.1 75.1  
167 36.8 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 51.066 ng  
RT: 10.957 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

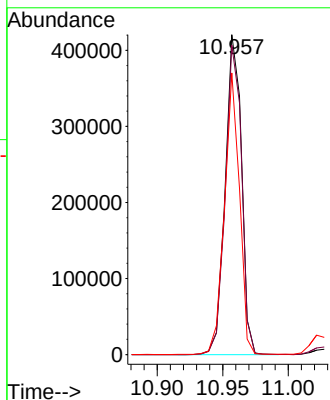
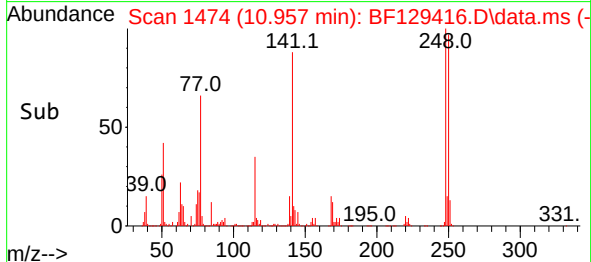
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:248 Resp: 364553  
Ion Ratio Lower Upper  
248 100  
250 96.7 80.6 120.8  
141 88.0 58.9 88.3

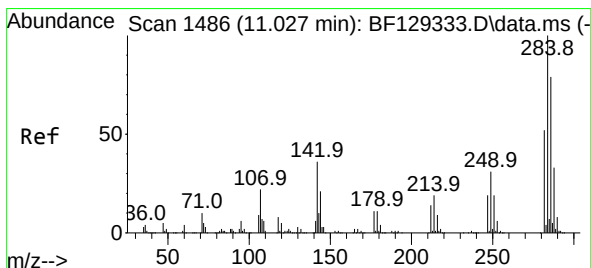
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



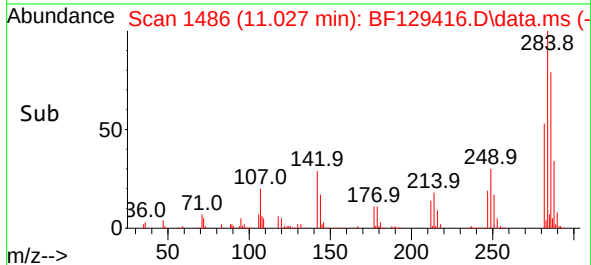
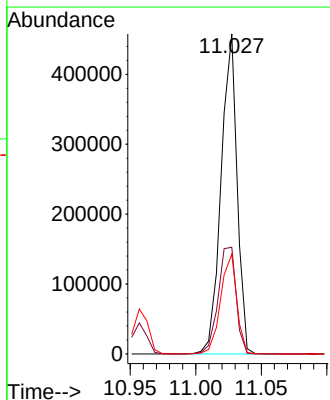
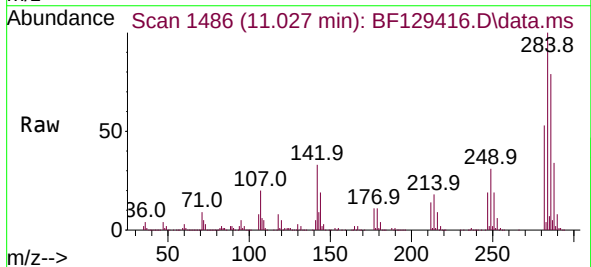
07/29/2022  
Supervised By :Jagrut  
Upadhyay

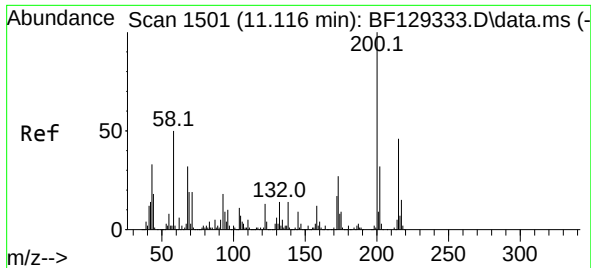
07/29/2022



#68  
Hexachlorobenzene  
Concen: 50.406 ng  
RT: 11.027 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

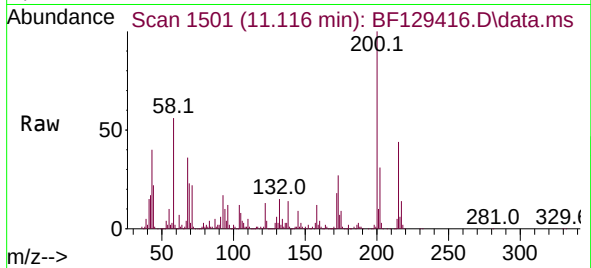
Tgt Ion:284 Resp: 389902  
Ion Ratio Lower Upper  
284 100  
142 33.3 29.0 43.4  
249 31.2 25.0 37.6





#69  
Atrazine  
Concen: 51.079 ng  
RT: 11.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

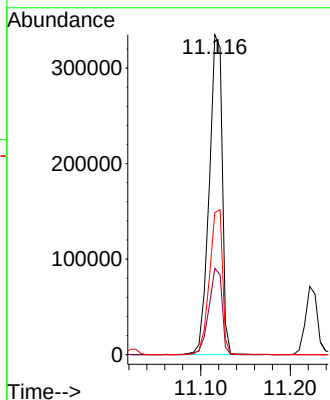
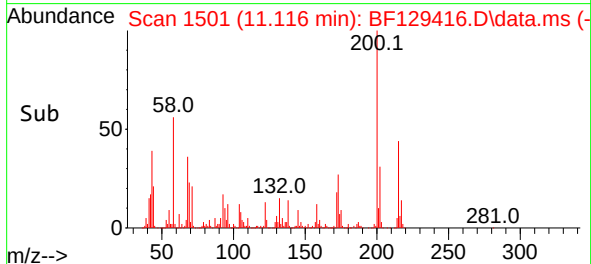
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:200 Resp: 336845  
Ion Ratio Lower Upper  
200 100  
173 26.9 6.3 46.3  
215 44.4 28.3 68.3

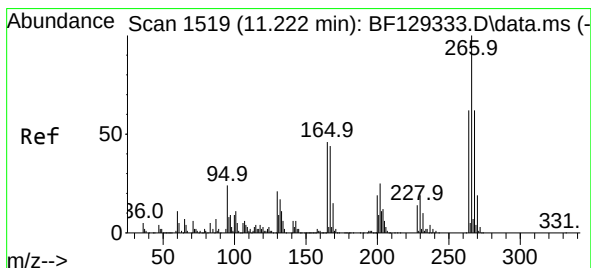
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



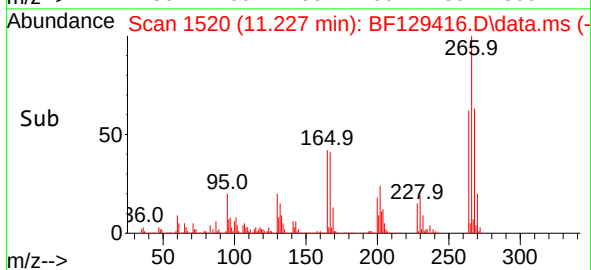
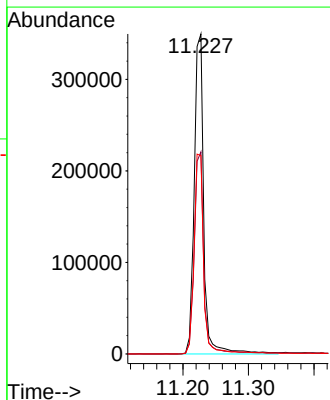
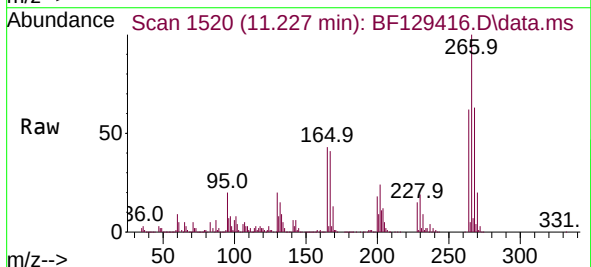
07/29/2022  
Supervised By :Jagrut  
Upadhyay

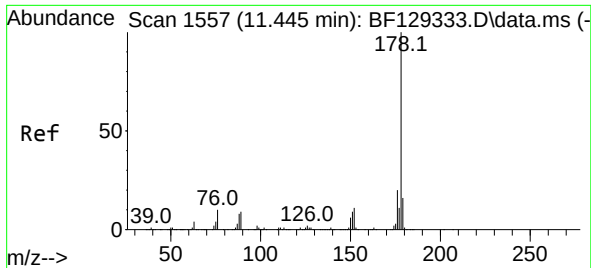
07/29/2022



#70  
Pentachlorophenol  
Concen: 83.956 ng  
RT: 11.227 min Scan# 1520  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

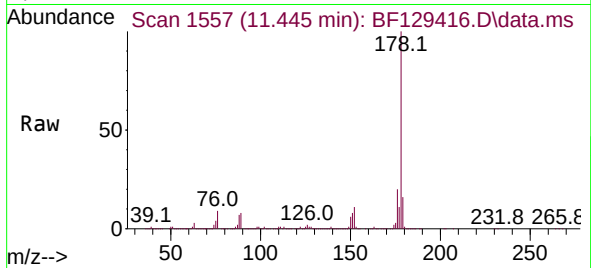
Tgt Ion:266 Resp: 353044  
Ion Ratio Lower Upper  
266 100  
268 63.1 51.0 76.4  
264 62.0 49.4 74.2





#71  
Phenanthrene  
Concen: 45.853 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

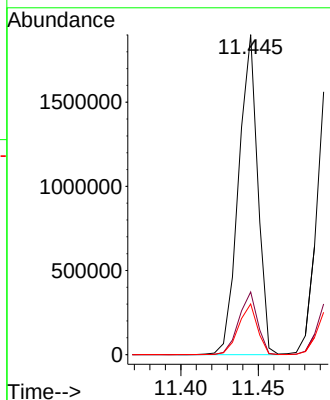
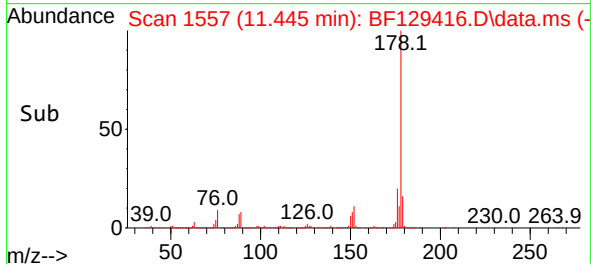
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:178 Resp: 1631809  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.8 12.6 19.0

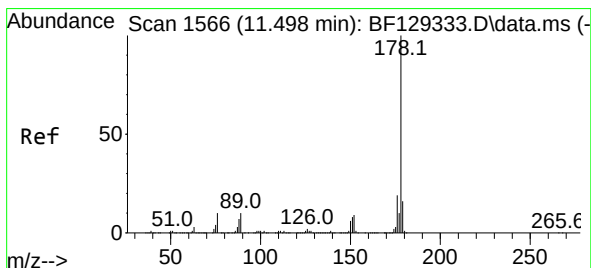
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



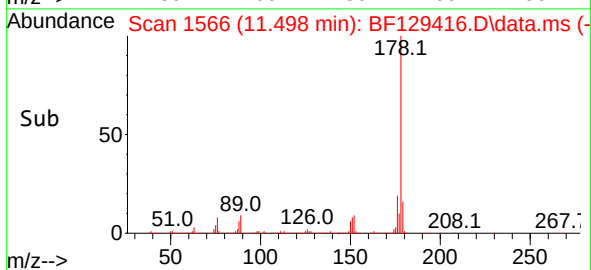
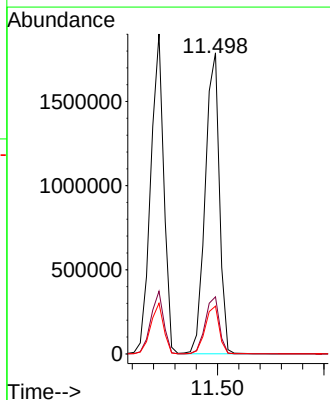
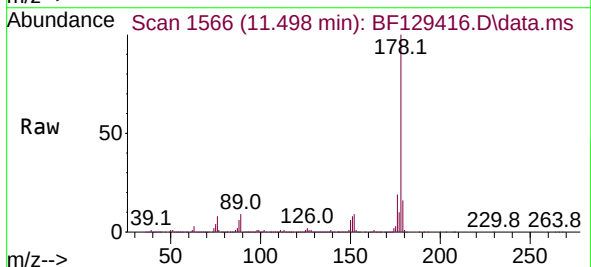
07/29/2022  
Supervised By :Jagrut  
Upadhyay

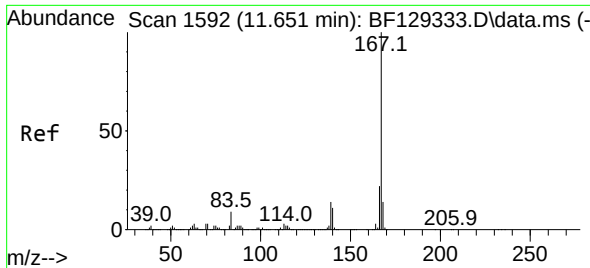
07/29/2022



#72  
Anthracene  
Concen: 47.182 ng  
RT: 11.498 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:178 Resp: 1650056  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.9 12.6 19.0



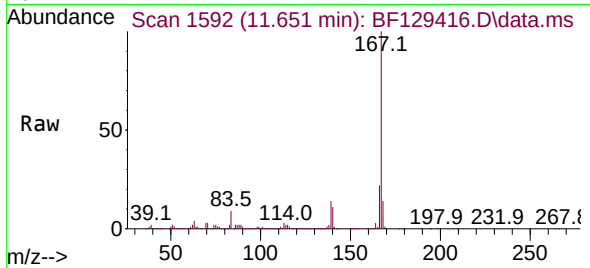


#73  
 Carbazole  
 Concen: 43.587 ng  
 RT: 11.651 min Scan# 1592  
 Delta R.T. 0.000 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

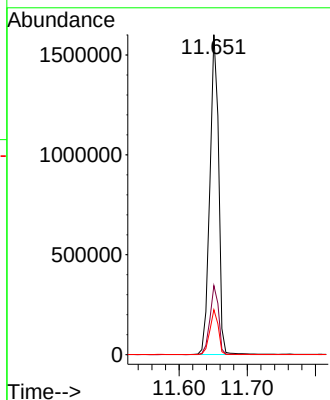
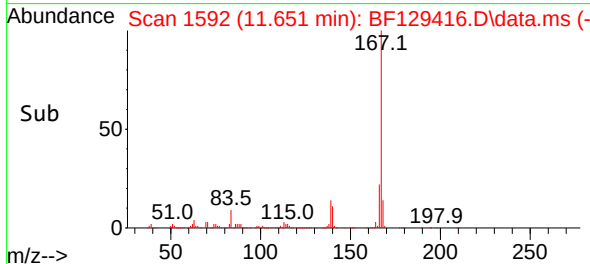
ClientSampleId :



Tgt Ion:167 Resp: 1434928  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.7 26.5  
 139 14.0 11.2 16.8

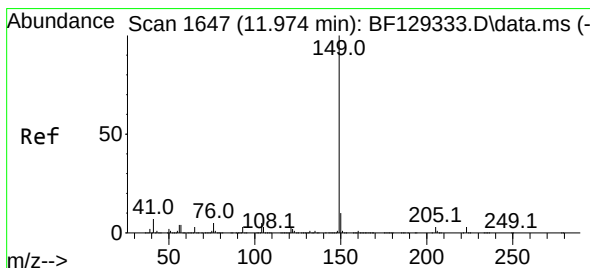
Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

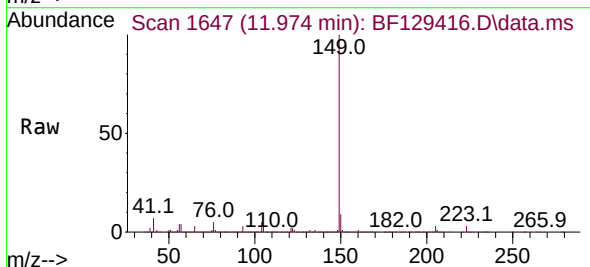


07/29/2022  
 Supervised By :Jagrut  
 Upadhyay

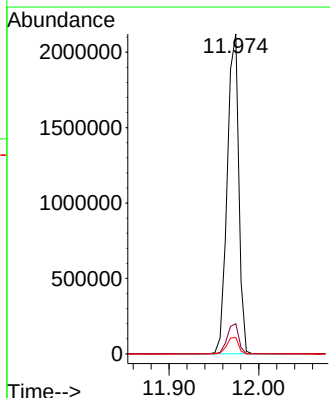
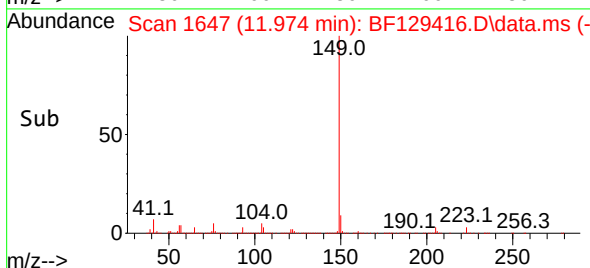
07/29/2022



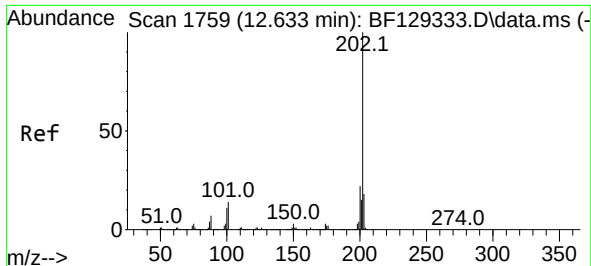
#74  
 Di-n-butylphthalate  
 Concen: 48.344 ng  
 RT: 11.974 min Scan# 1647  
 Delta R.T. 0.000 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11



Tgt Ion:149 Resp: 1895315  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.1 4.4 6.6

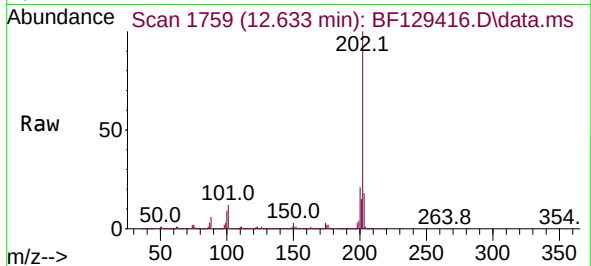






#75  
Fluoranthene  
Concen: 40.792 ng  
RT: 12.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

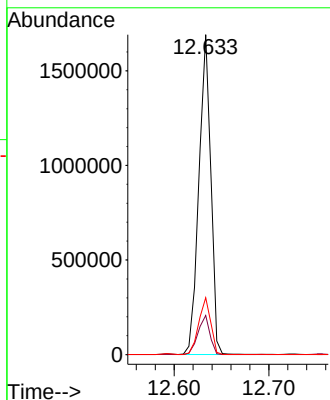
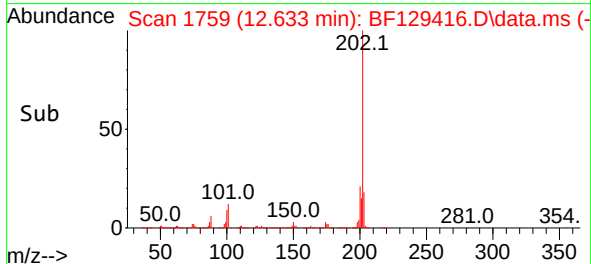
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:202 Resp: 1470862  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 31.4  
203 17.8 0.0 38.0

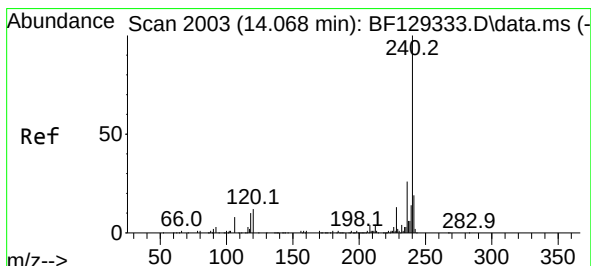
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



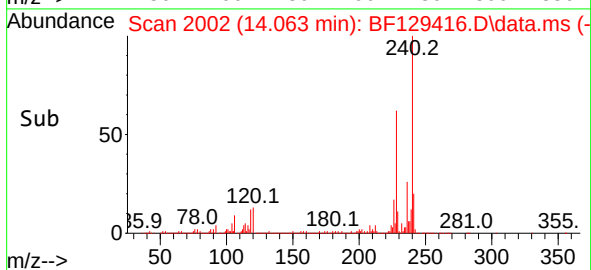
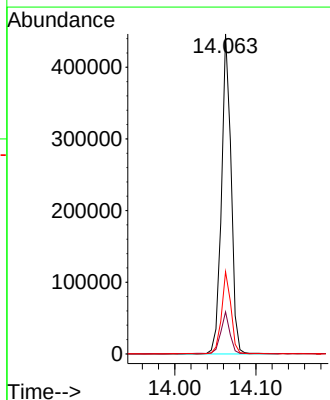
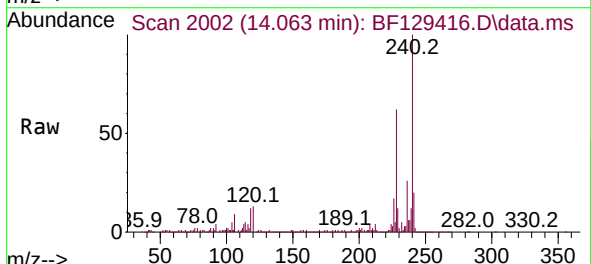
07/29/2022  
Supervised By :Jagrut  
Upadhyay

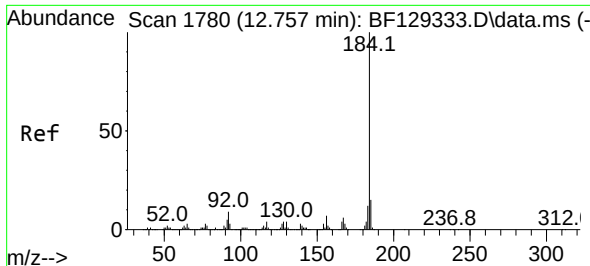
07/29/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

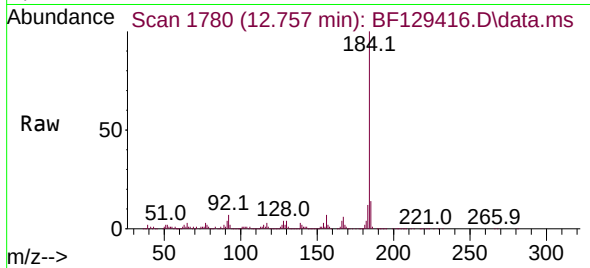
Tgt Ion:240 Resp: 364463  
Ion Ratio Lower Upper  
240 100  
120 13.1 8.9 13.3  
236 25.7 20.8 31.2





#77  
Benzidine  
Concen: 25.389 ng  
RT: 12.757 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

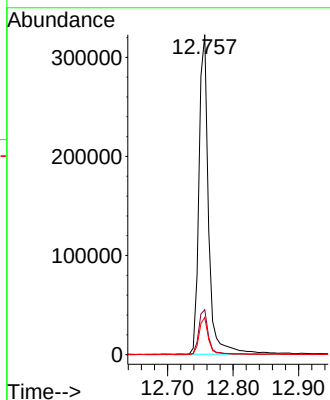
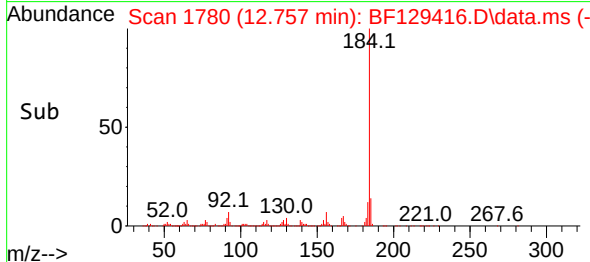
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:184 Resp: 326903  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.9 17.9  
183 11.6 9.3 13.9

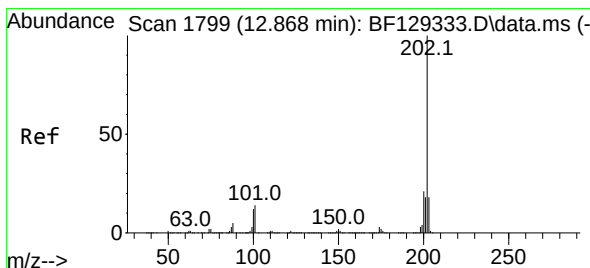
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



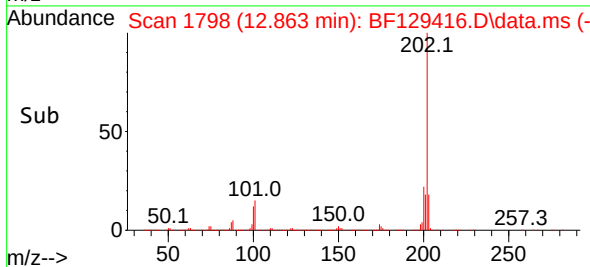
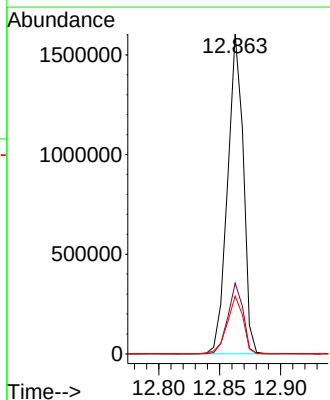
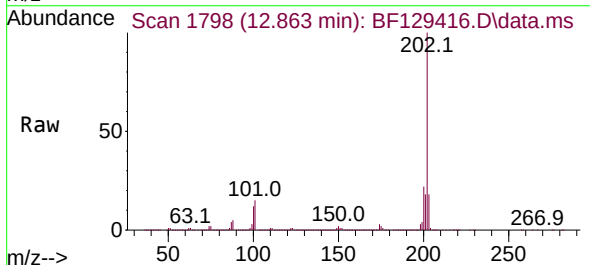
07/29/2022  
Supervised By :Jagrut  
Upadhyay

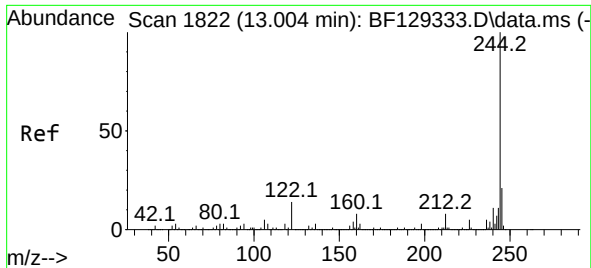
07/29/2022



#78  
Pyrene  
Concen: 47.141 ng  
RT: 12.863 min Scan# 1798  
Delta R.T. -0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:202 Resp: 1436736  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.7 26.5  
203 18.1 14.6 21.8



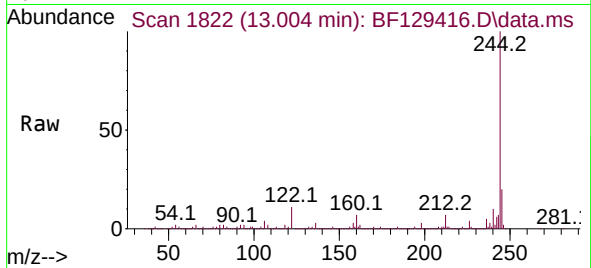


#79  
 Terphenyl-d14  
 Concen: 92.846 ng  
 RT: 13.004 min Scan# 1822  
 Delta R.T. 0.000 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

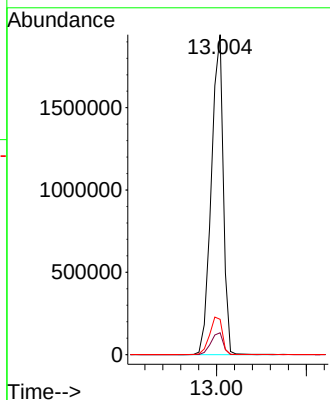
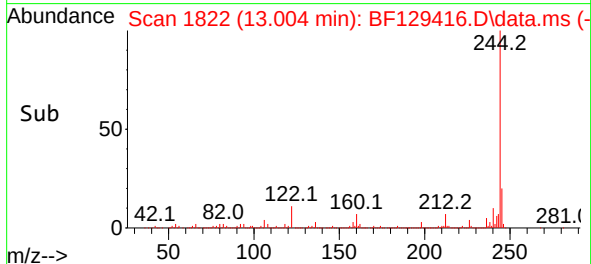
ClientSampleId :



Tgt Ion:244 Resp: 179365  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.1 9.1  
 122 11.0 8.8 13.2

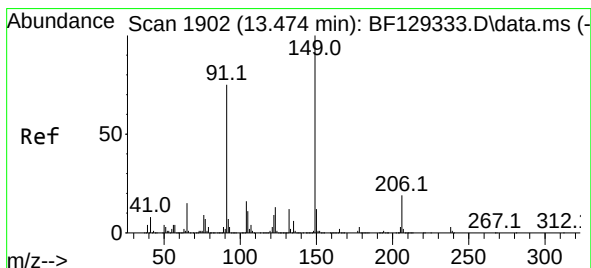
Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

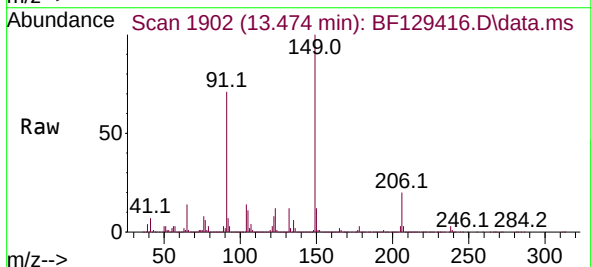


07/29/2022  
 Supervised By :Jagrut  
 Upadhyay

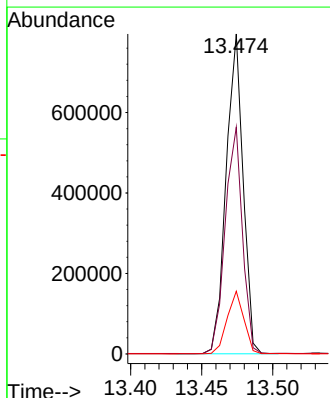
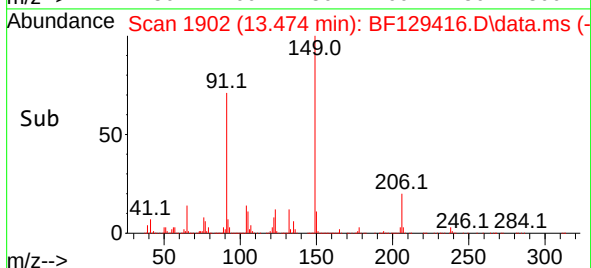
07/29/2022

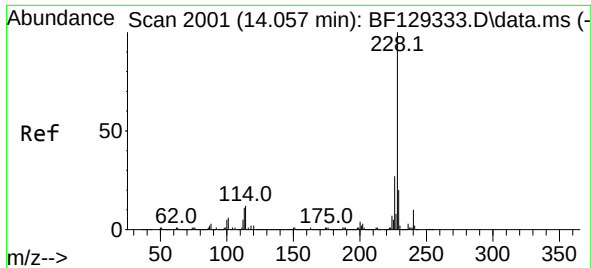


#80  
 Butylbenzylphthalate  
 Concen: 50.058 ng  
 RT: 13.474 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: BF129416.D  
 Acq: 28 Jul 2022 19:11



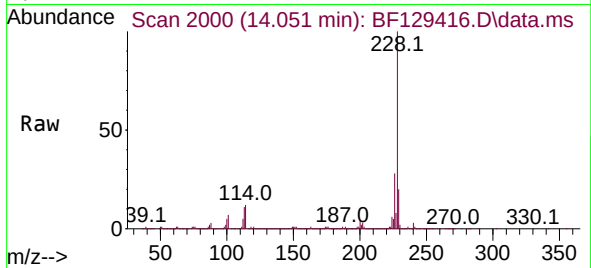
Tgt Ion:149 Resp: 661738  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 61.2 91.8  
 206 19.6 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 46.785 ng  
RT: 14.051 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

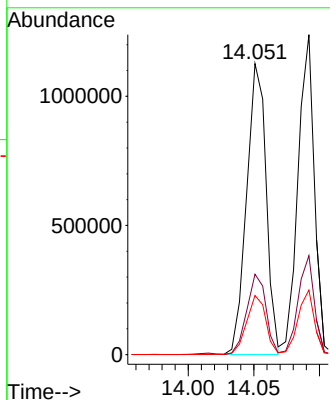
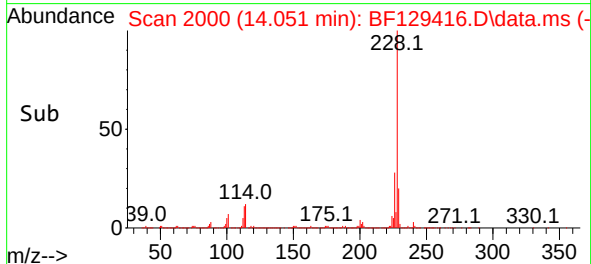
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:228 Resp: 1164774  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.1 33.1  
229 20.3 15.8 23.8

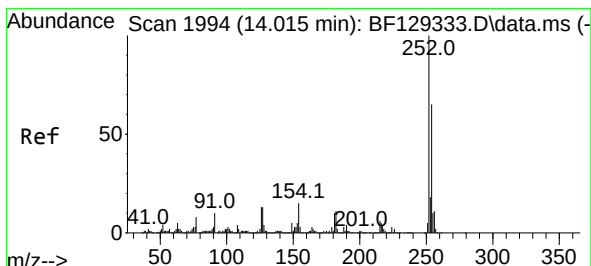
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



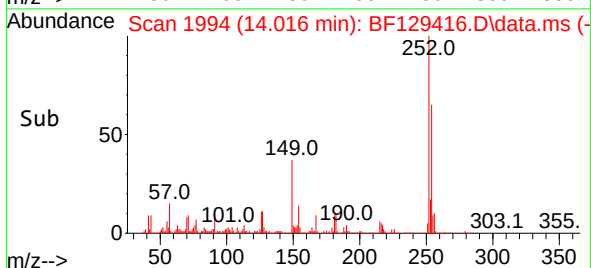
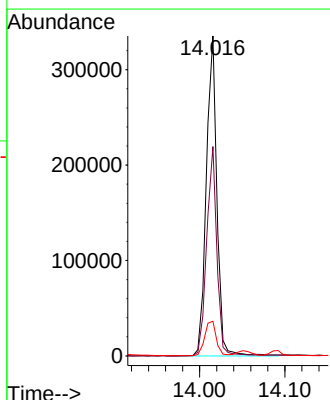
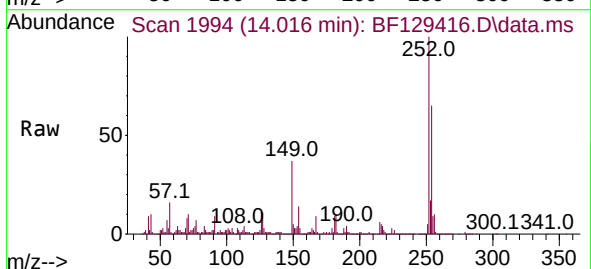
07/29/2022  
Supervised By :Jagrut  
Upadhyay

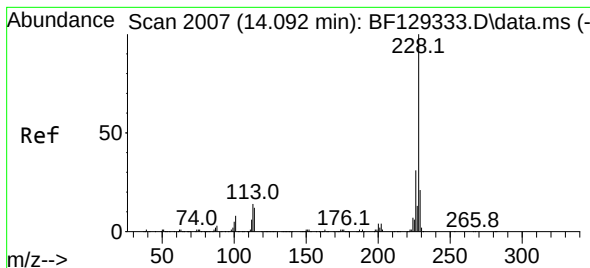
07/29/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 35.269 ng  
RT: 14.016 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:252 Resp: 289915  
Ion Ratio Lower Upper  
252 100  
254 65.4 50.2 75.4  
126 10.8 8.2 12.4





#83

Chrysene

Concen: 46.052 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

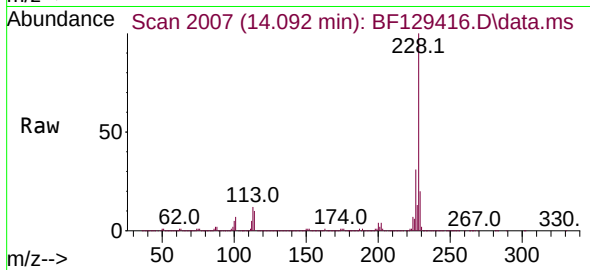
Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:228 Resp: 108056

Ion Ratio Lower Upper

228 100

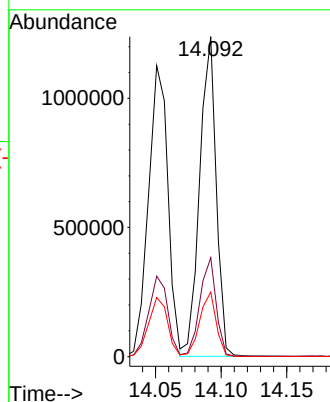
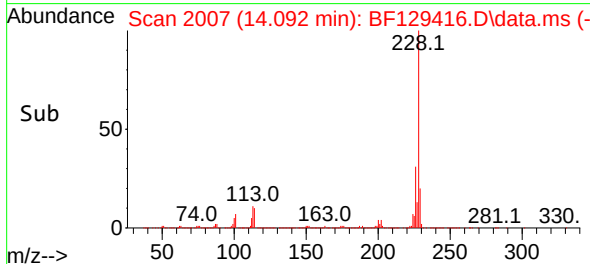
226 31.0 24.3 36.5

229 20.2 15.9 23.9

Manual Integrations

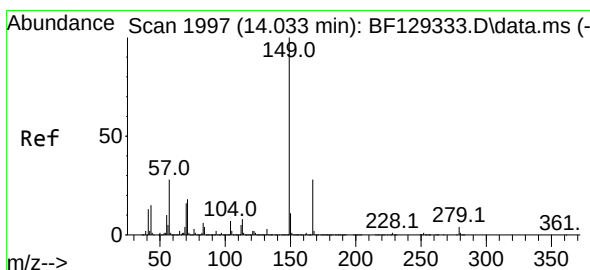
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.878 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

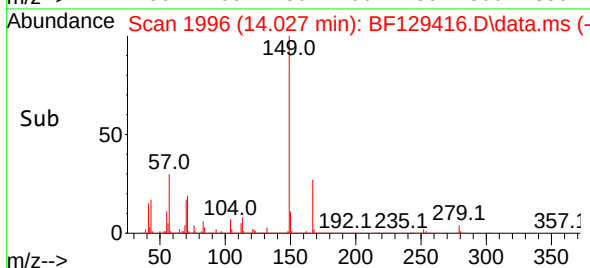
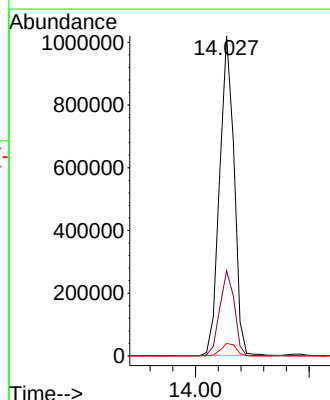
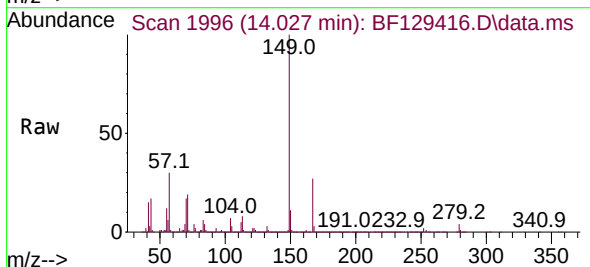
Tgt Ion:149 Resp: 902881

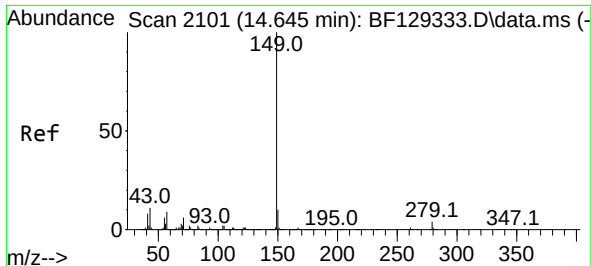
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

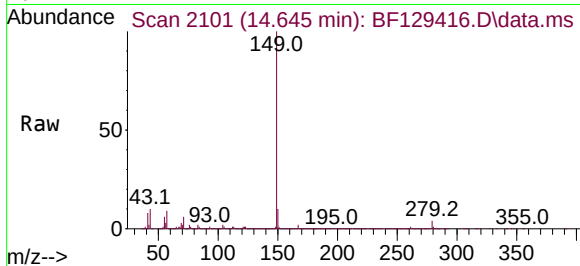
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 57.873 ng  
RT: 14.645 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

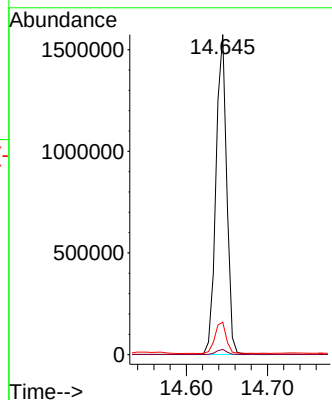
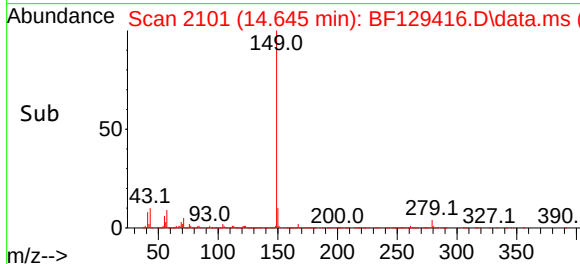
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:149 Resp: 1449415  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.4 9.2 13.8

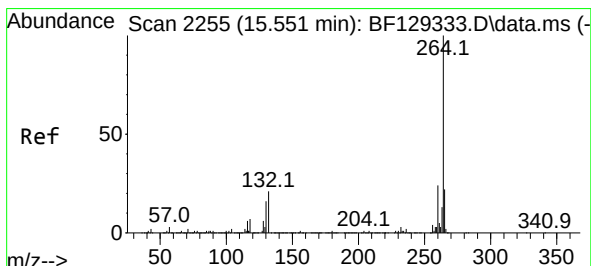
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



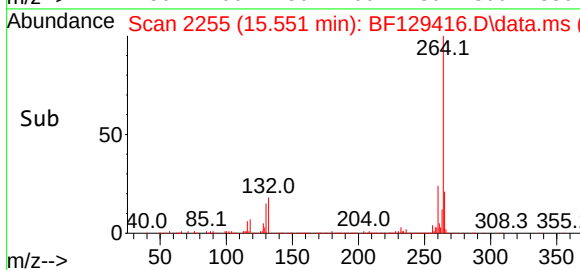
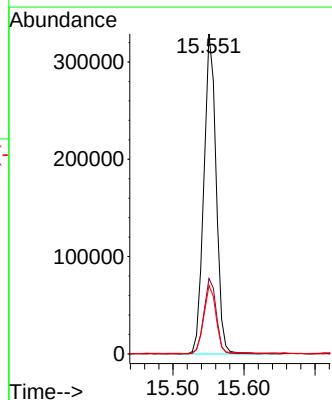
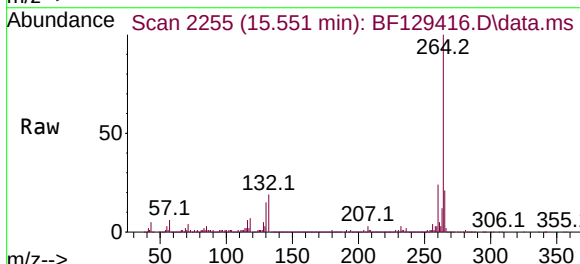
07/29/2022  
Supervised By :Jagrut  
Upadhyay

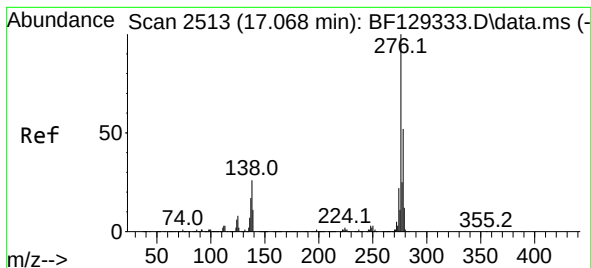
07/29/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:264 Resp: 393780  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.4 27.6  
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.365 ng

RT: 17.074 min Scan# 2513

Delta R.T. 0.006 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:276 Resp: 1202960

Ion Ratio Lower Upper

276 100

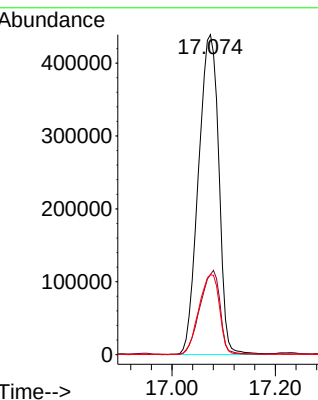
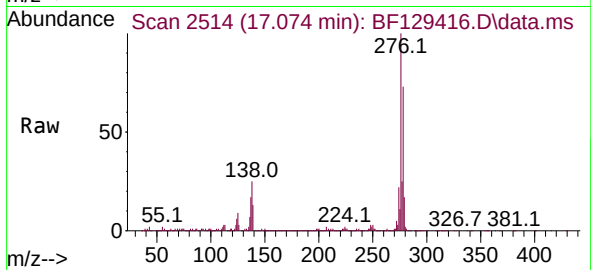
138 25.8 21.1 31.7

277 25.4 20.3 30.5

Manual Integrations

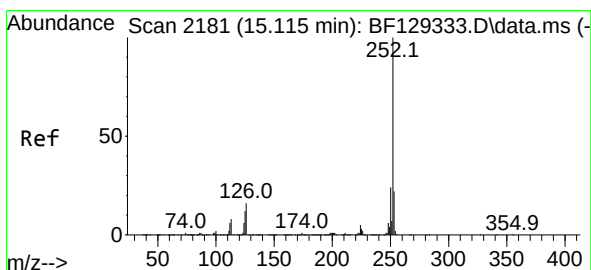
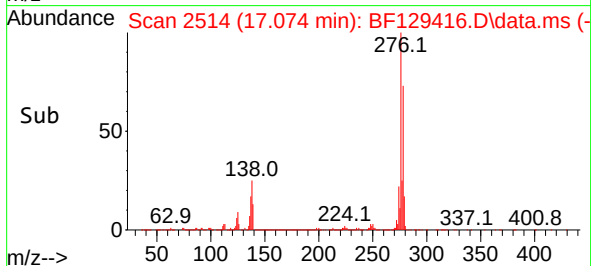
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#88

Benzo(b)fluoranthene

Concen: 50.116 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

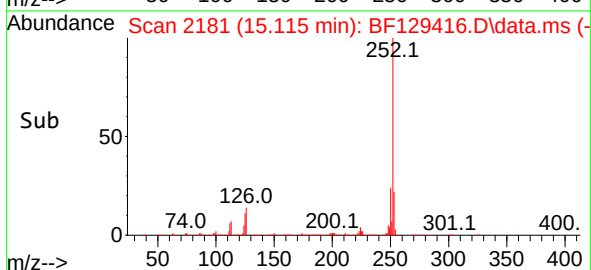
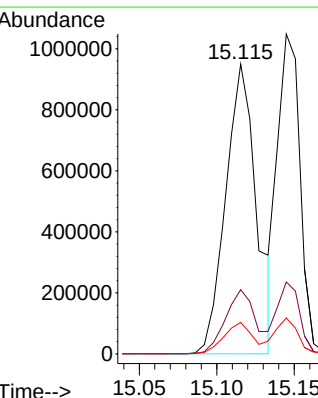
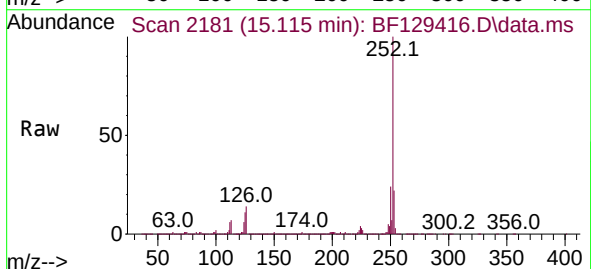
Tgt Ion:252 Resp: 1309059

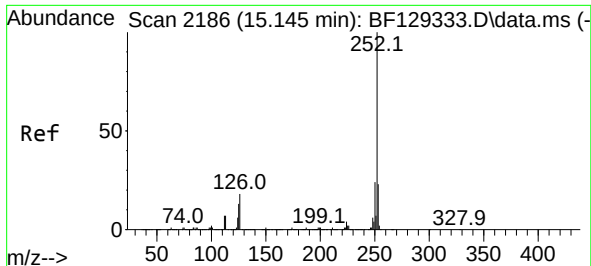
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.488 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

Instrument :

BNF

ClientSampleId :

Tgt Ion:252 Resp: 1061985

Ion Ratio Lower Upper

252 100

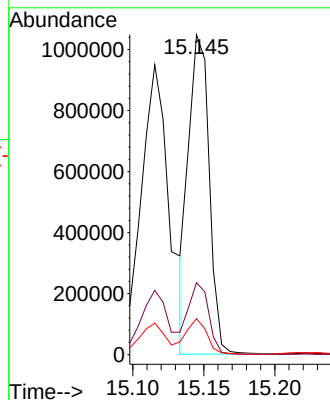
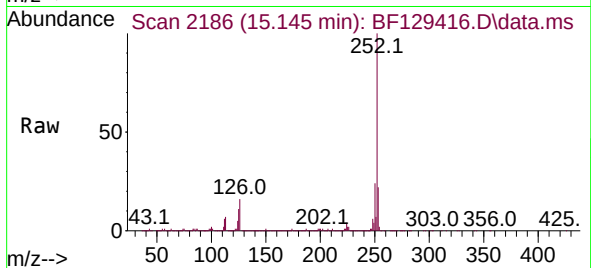
253 22.5 17.8 26.6

125 11.3 8.3 12.5

Manual Integrations

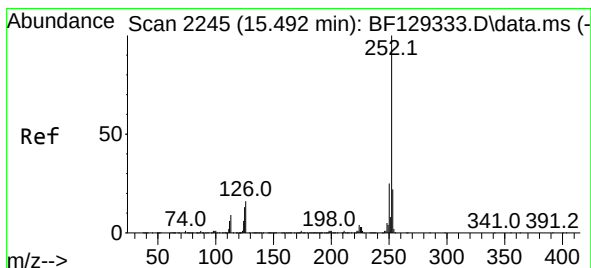
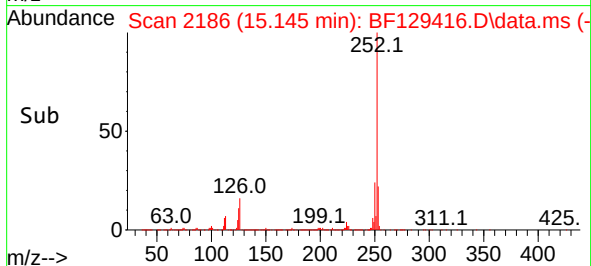
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#90

Benzo(a)pyrene

Concen: 50.238 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF129416.D

Acq: 28 Jul 2022 19:11

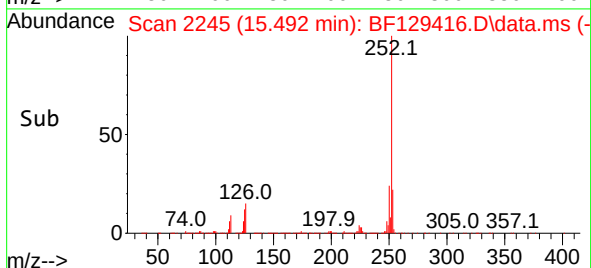
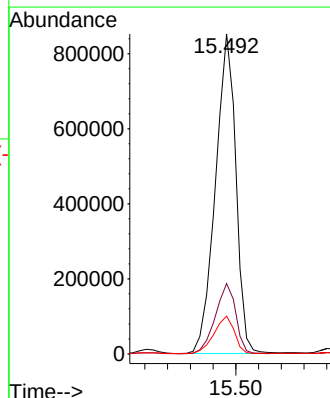
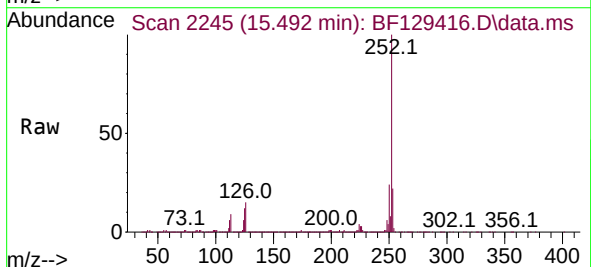
Tgt Ion:252 Resp: 1065243

Ion Ratio Lower Upper

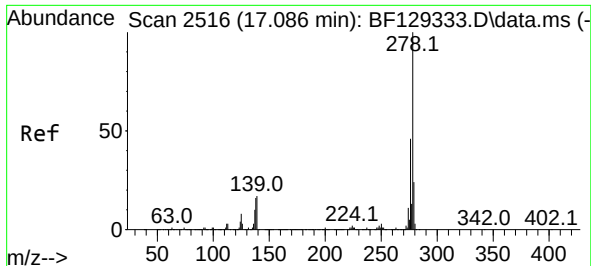
252 100

253 22.0 17.0 25.6

125 11.8 8.8 13.2

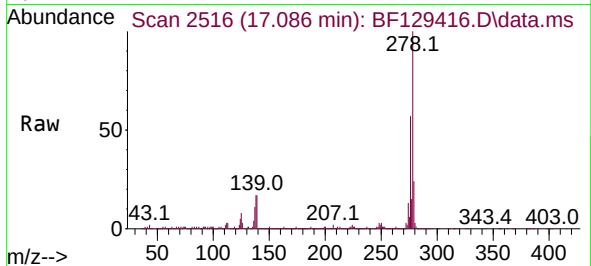






#91  
Dibenzo(a,h)anthracene  
Concen: 47.671 ng  
RT: 17.086 min Scan# 2516  
Delta R.T. 0.000 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

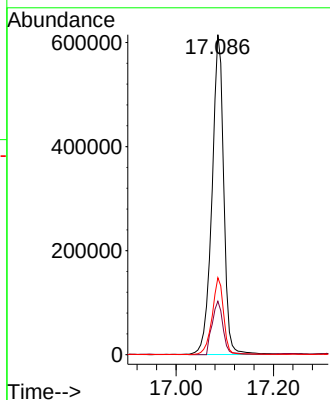
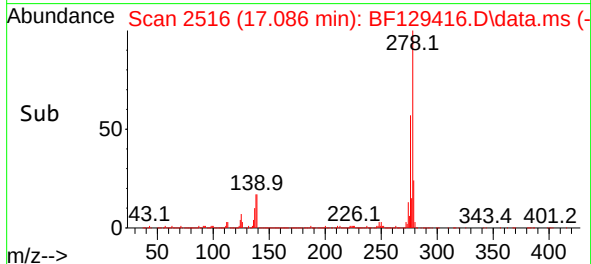
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 1028883  
Ion Ratio Lower Upper  
278 100  
139 16.7 12.8 19.2  
279 24.0 18.6 28.0

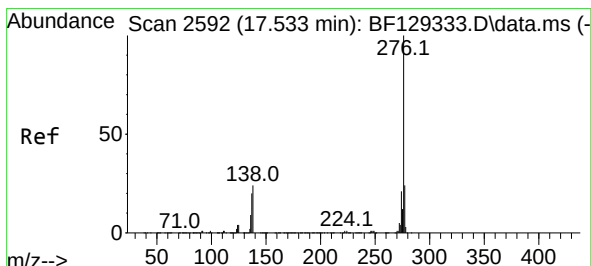
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



07/29/2022  
Supervised By :Jagrut  
Upadhyay

07/29/2022



#92  
Benzo(g,h,i)perylene  
Concen: 45.248 ng  
RT: 17.539 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BF129416.D  
Acq: 28 Jul 2022 19:11

Tgt Ion:276 Resp: 997898  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.1 28.7  
138 21.8 18.0 27.0

