

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080222\  
 Data File : BF129500.D  
 Acq On : 02 Aug 2022 10:54  
 Operator : CG\JU  
 Sample : PB146602BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146602BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022  
 Supervised By : Jagrut Upadhyay 08/03/2022

Quant Time: Aug 02 17:35:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 02 01:11:25 2022  
 Response via : Initial Calibration

08/03/2022  
 Supervised By : Jagrut  
 Upadhyay

08/03/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|-------|-----------|
| Internal Standards            |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 205373   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.163  | 136  | 848557   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.922  | 164  | 446563   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.410 | 188  | 771864   | 20.000  | ng    | # 0.00    |
| 76) Chrysene-d12              | 14.057 | 240  | 491291   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12              | 15.545 | 264  | 411977   | 20.000  | ng    | 0.02      |
| System Monitoring Compounds   |        |      |          |         |       |           |
| 5) 2-Fluorophenol             | 5.528  | 112  | 1488551  | 118.070 | ng    | 0.02      |
| 7) Phenol-d6                  | 6.534  | 99   | 1910470  | 120.560 | ng    | 0.01      |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1261030  | 81.123  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 552685   | 128.730 | ng    | 0.01      |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 2221205  | 76.945  | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.998 | 244  | 2433945  | 93.465  | ng    | 0.01      |
| Target Compounds              |        |      |          |         |       |           |
| 2) 1,4-Dioxane                | 2.769  | 88   | 159173   | 27.983  | ng    | Qvalue 89 |
| 3) Pyridine                   | 3.552  | 79   | 450472   | 28.517  | ng    | 90        |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 264658   | 38.154  | ng    | 91        |
| 6) Aniline                    | 6.546  | 93   | 699291   | 35.497  | ng    | # 23      |
| 8) 2-Chlorophenol             | 6.675  | 128  | 595488   | 43.234  | ng    | 95        |
| 9) Benzaldehyde               | 6.434  | 77   | 329812   | 30.647  | ng    | 98        |
| 10) Phenol                    | 6.546  | 94   | 697493m  | 41.332  | ng    |           |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 541566   | 40.467  | ng    | 92        |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 586657   | 39.713  | ng    | 97        |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 588704   | 39.185  | ng    | 100       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 569490   | 41.240  | ng    | 99        |
| 15) Benzyl Alcohol            | 7.028  | 79   | 522066   | 45.425  | ng    | 99        |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 747170   | 37.141  | ng    | # 34      |
| 17) 2-Methylphenol            | 7.145  | 107  | 471022   | 41.222  | ng    | # 91      |
| 18) Hexachloroethane          | 7.387  | 117  | 224793   | 39.737  | ng    | 89        |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 402604   | 41.967  | ng    | 95        |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 592697   | 40.795  | ng    | 93        |
| 22) Acetophenone              | 7.293  | 105  | 794506   | 40.216  | ng    | # 96      |
| 24) Nitrobenzene              | 7.469  | 77   | 609361   | 38.068  | ng    | 91        |
| 25) Isophorone                | 7.704  | 82   | 1138360  | 40.855  | ng    | 99        |
| 26) 2-Nitrophenol             | 7.781  | 139  | 323619   | 40.981  | ng    | 93        |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 541733m  | 45.734  | ng    |           |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 688940   | 42.622  | ng    | 99        |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 495973   | 40.567  | ng    | 99        |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 486515   | 38.445  | ng    | 97        |
| 31) Naphthalene               | 8.187  | 128  | 1662880  | 38.571  | ng    | 99        |
| 32) Benzoic acid              | 7.957  | 122  | 245540   | 28.673  | ng    | 99        |
| 33) 4-Chloroaniline           | 8.234  | 127  | 568159   | 32.100  | ng    | 99        |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 281022   | 39.066  | ng    | 99        |
| 35) Caprolactam               | 8.616  | 113  | 171861m  | 43.237  | ng    |           |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 555052   | 42.805  | ng    | 92        |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1109148  | 39.589  | ng    | 100       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1054075  | 38.974  | ng    | 97        |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 475645   | 40.564  | ng    | 97        |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 488592   | 93.575  | ng    | 99        |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 339061   | 39.812  | ng    | 96        |

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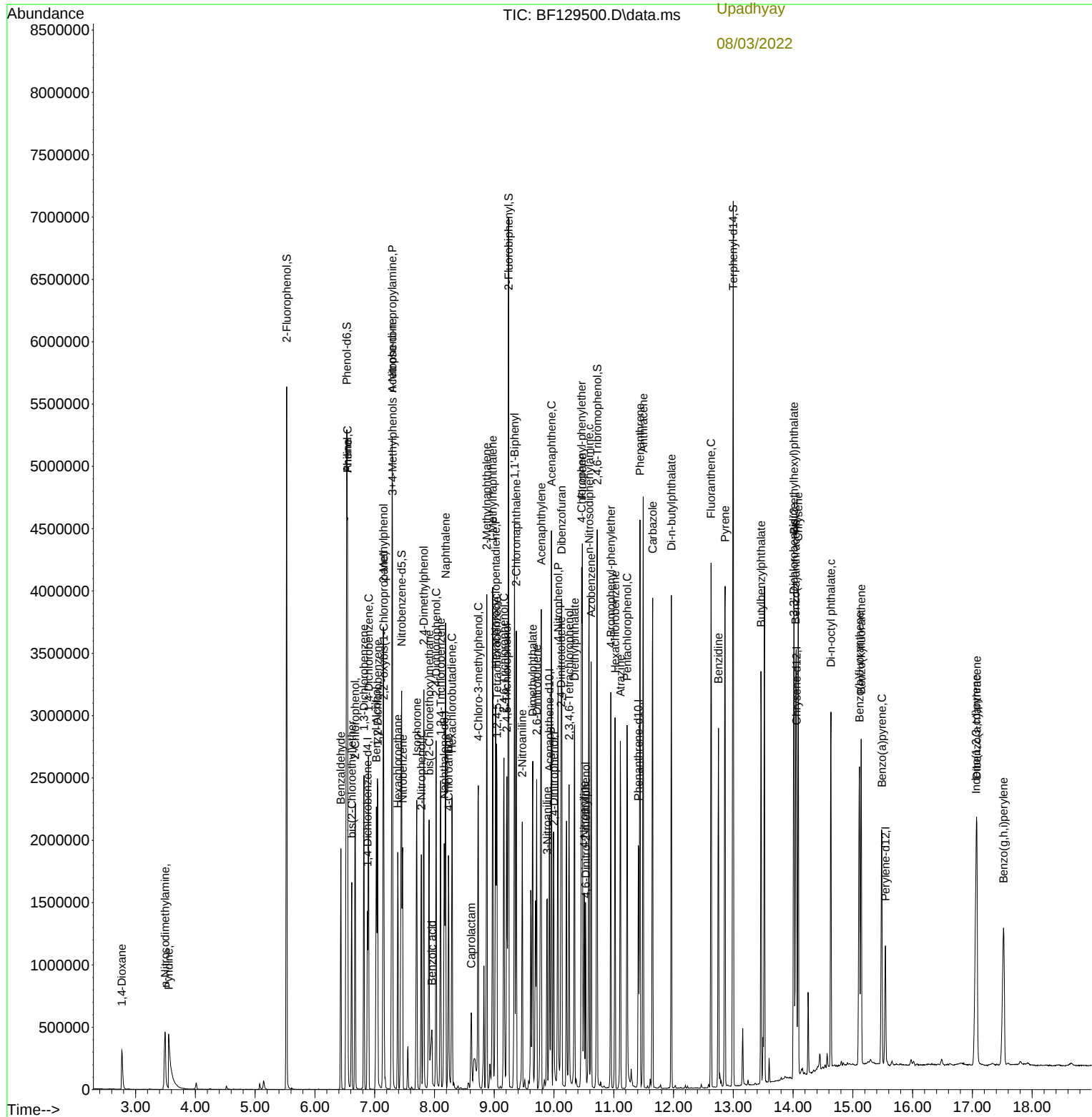
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|--------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 364350   | 39.340 | ng    | 95       |     |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1324289  | 40.635 | ng    | 99       |     |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1039528  | 39.457 | ng    | 99       |     |
| 48) 2-Nitroaniline            | 9.469  | 65   | 359987   | 41.091 | ng    | 94       |     |
| 49) Acenaphthylene            | 9.786  | 152  | 1625443  | 40.603 | ng    | 99       |     |
| 50) Dimethylphthalate         | 9.645  | 163  | 1250418  | 40.562 | ng    | 100      |     |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 286158   | 41.473 | ng    | 98       |     |
| 52) Acenaphthene              | 9.957  | 154  | 1150930m | 44.018 | ng    |          |     |
| 53) 3-Nitroaniline            | 9.886  | 138  | 261763   | 32.128 | ng    | #        | 89  |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 290764   | 82.548 | ng    | #        | 85  |
| 55) Dibenzofuran              | 10.128 | 168  | 1459005  | 40.478 | ng    |          | 96  |
| 56) 4-Nitrophenol             | 10.069 | 139  | 432291   | 71.918 | ng    |          | 97  |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 384577   | 42.666 | ng    |          | 100 |
| 58) Fluorene                  | 10.475 | 166  | 1178909  | 40.878 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 276604   | 38.647 | ng    |          | 92  |
| 60) Diethylphthalate          | 10.345 | 149  | 1209476  | 40.585 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 528160   | 41.541 | ng    |          | 95  |
| 62) 4-Nitroaniline            | 10.504 | 138  | 323044   | 39.968 | ng    |          | 99  |
| 63) Azobenzene                | 10.622 | 77   | 1188531  | 39.102 | ng    |          | 95  |
| 65) 4,6-Dinitro-2-methylph... | 10.534 | 198  | 191121   | 39.230 | ng    |          | 82  |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 1029406  | 40.047 | ng    |          | 97  |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 341701   | 40.428 | ng    |          | 93  |
| 68) Hexachlorobenzene         | 11.022 | 284  | 379576   | 41.447 | ng    |          | 99  |
| 69) Atrazine                  | 11.110 | 200  | 349381   | 44.748 | ng    |          | 95  |
| 70) Pentachlorophenol         | 11.222 | 266  | 352478   | 70.798 | ng    |          | 98  |
| 71) Phenanthrene              | 11.439 | 178  | 1668038  | 39.589 | ng    |          | 99  |
| 72) Anthracene                | 11.492 | 178  | 1710384  | 41.308 | ng    |          | 100 |
| 73) Carbazole                 | 11.651 | 167  | 1630066  | 41.821 | ng    |          | 100 |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1853067  | 39.922 | ng    |          | 100 |
| 75) Fluoranthene              | 12.627 | 202  | 1743395  | 40.837 | ng    |          | 98  |
| 77) Benzidine                 | 12.751 | 184  | 990047   | 57.043 | ng    |          | 99  |
| 78) Pyrene                    | 12.863 | 202  | 1760301  | 42.847 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 747858   | 41.968 | ng    |          | 99  |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1384139  | 41.244 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 363334   | 32.791 | ng    |          | 97  |
| 83) Chrysene                  | 14.086 | 228  | 1245966  | 39.393 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 952417   | 40.597 | ng    |          | 100 |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1395517  | 41.337 | ng    |          | 97  |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1144161  | 41.242 | ng    |          | 99  |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 1198721  | 43.865 | ng    |          | 100 |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 1115890  | 41.668 | ng    |          | 99  |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 999041   | 45.034 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 975055   | 43.182 | ng    |          | 99  |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 1005888  | 43.595 | ng    |          | 99  |

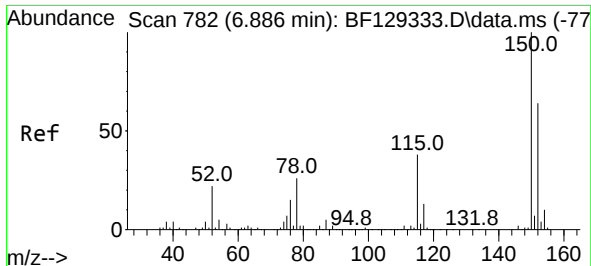
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## Manual Integrations

08/03/2022  
Supervised By :Jagrut  
Upadhyay

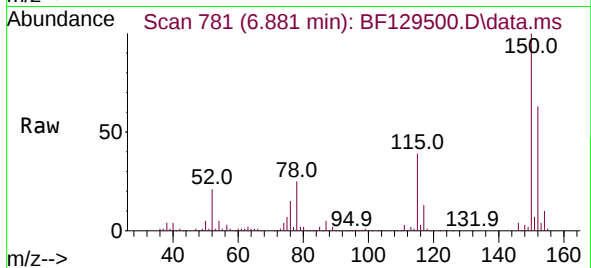
08/03/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 782  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
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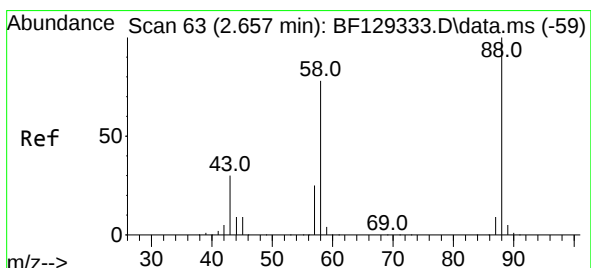
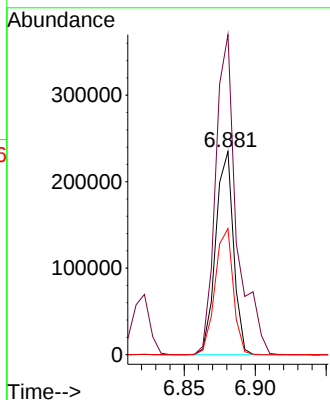
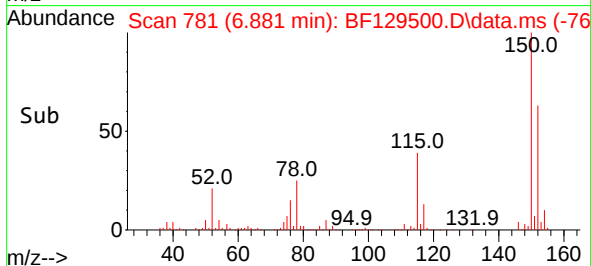
Tgt Ion: 152 Resp: 205373  
Ion Ratio Lower Upper  
152 100  
150 157.6 123.7 185.5  
115 62.1 49.9 74.9

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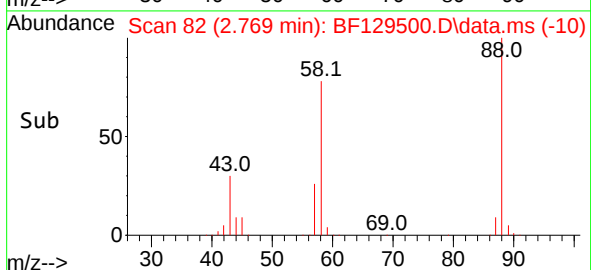
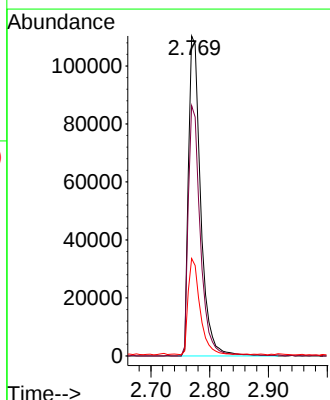
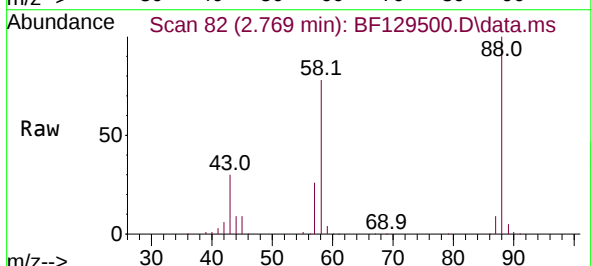
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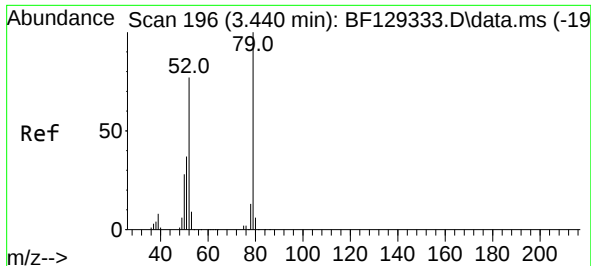
08/03/2022



#2  
1,4-Dioxane  
Concen: 27.983 ng  
RT: 2.769 min Scan# 82  
Delta R.T. 0.124 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

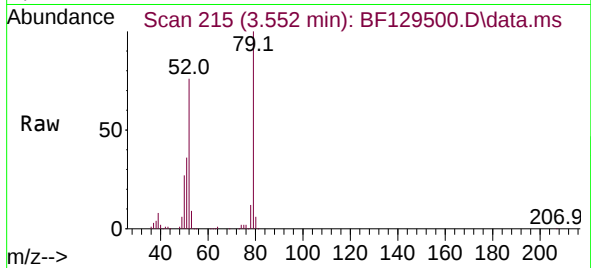
Tgt Ion: 88 Resp: 159173  
Ion Ratio Lower Upper  
88 100  
58 77.6 71.8 107.8  
43 29.0 26.6 39.8





#3  
Pyridine  
Concen: 28.517 ng  
RT: 3.552 min Scan# 21  
Delta R.T. 0.118 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

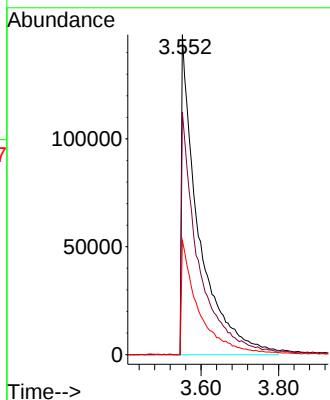
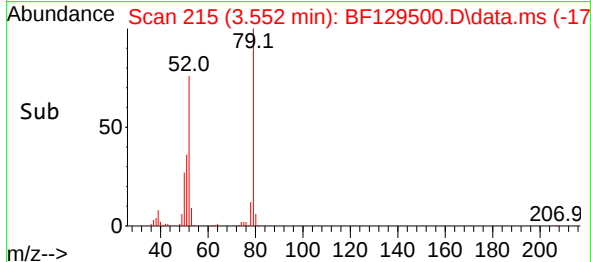
Instrument :  
BNA\_F  
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Tgt Ion: 79 Resp: 450472  
Ion Ratio Lower Upper  
79 100  
52 75.8 68.6 102.8  
51 35.6 32.9 49.3

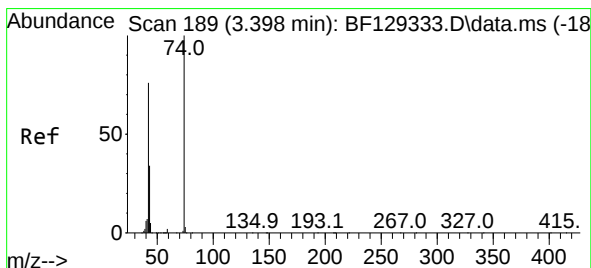
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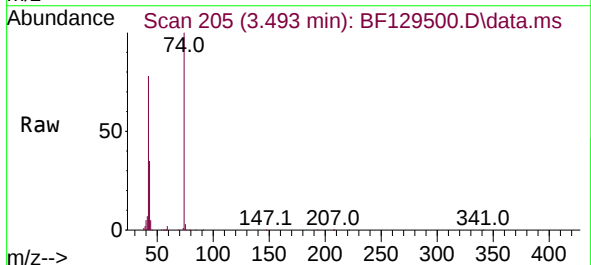


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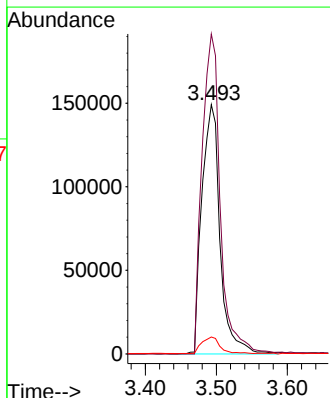
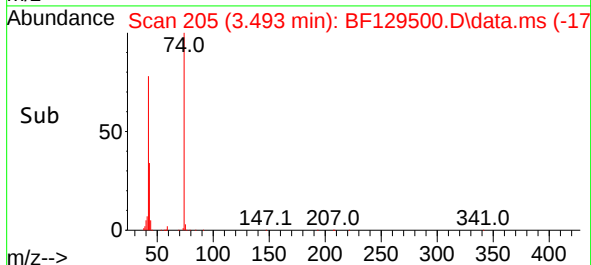
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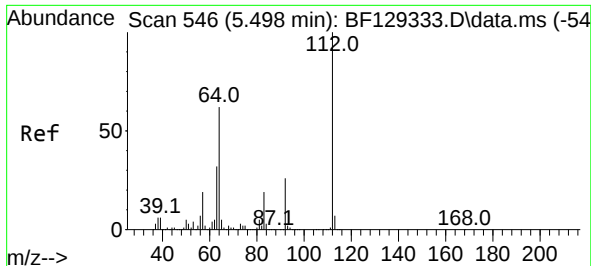


#4  
n-Nitrosodimethylamine  
Concen: 38.154 ng  
RT: 3.493 min Scan# 205  
Delta R.T. 0.106 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



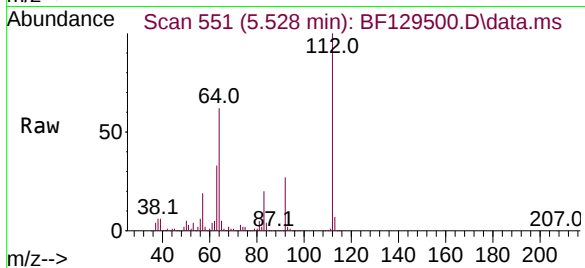
Tgt Ion: 42 Resp: 264658  
Ion Ratio Lower Upper  
42 100  
74 128.4 94.8 142.2  
44 6.8 6.6 10.0





#5  
2-Fluorophenol  
Concen: 118.070 ng  
RT: 5.528 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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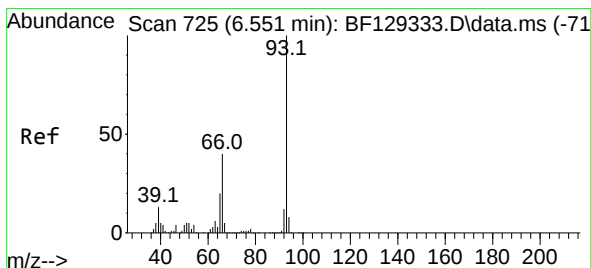
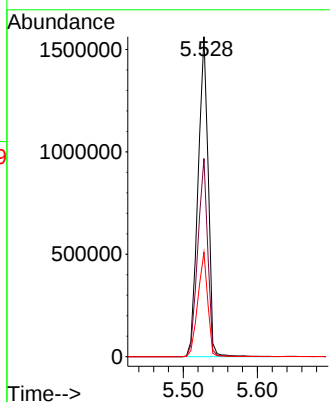
Tgt Ion: 112 Resp: 148855  
Ion Ratio Lower Upper  
112 100  
64 61.9 53.3 79.9  
63 32.6 28.0 42.0

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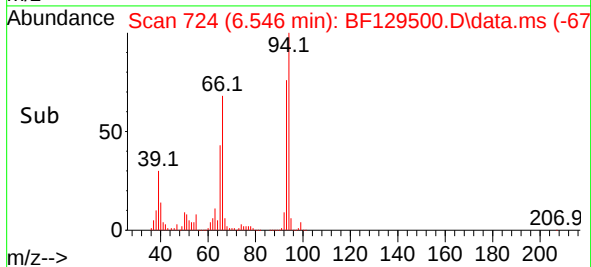
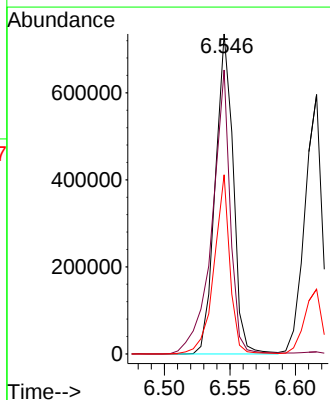
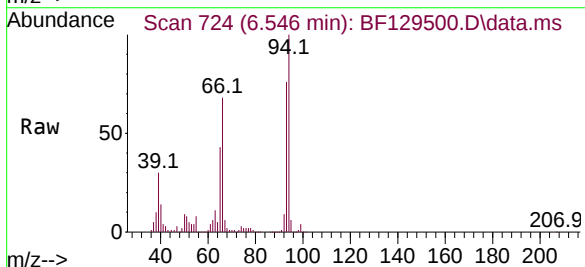
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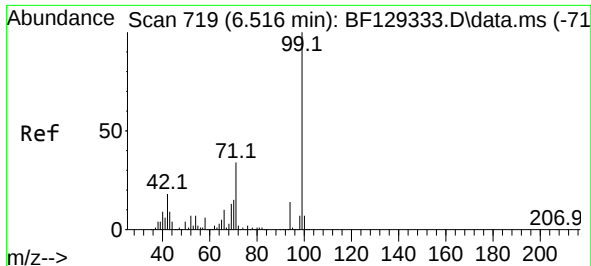
08/03/2022



#6  
Aniline  
Concen: 35.497 ng  
RT: 6.546 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

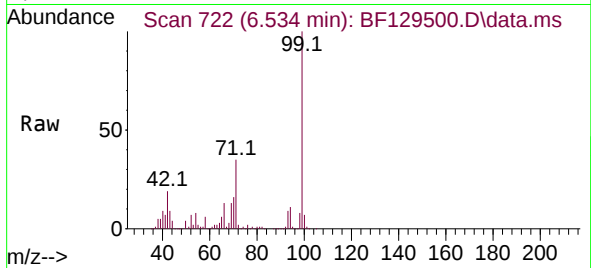
Tgt Ion: 93 Resp: 699291  
Ion Ratio Lower Upper  
93 100  
66 88.7 32.5 48.7#  
65 56.0 16.4 24.6#





#7  
Phenol-d6  
Concen: 120.560 ng  
RT: 6.534 min Scan# 719  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
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ClientSampleId :  
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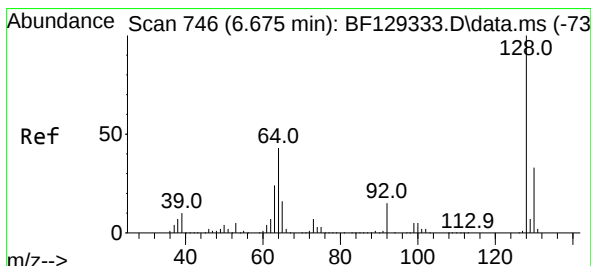
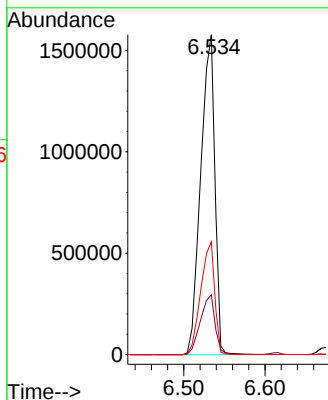
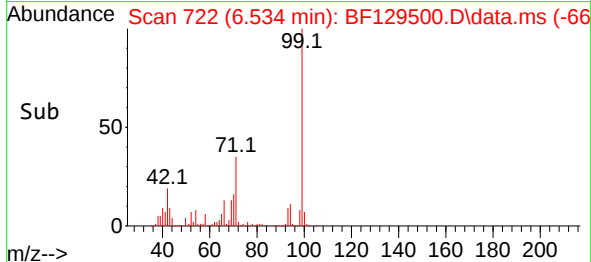
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Ion Ratio Lower Upper  
99 100  
42 18.7 17.3 25.9  
71 35.3 28.9 43.3

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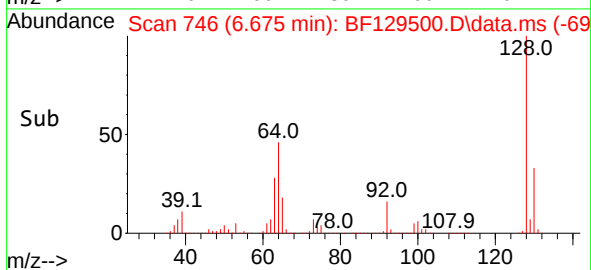
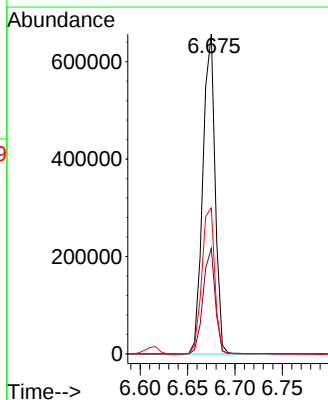
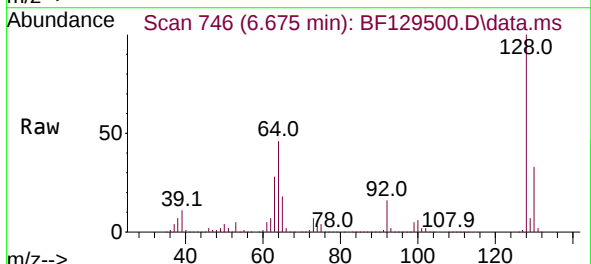
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Upadhyay

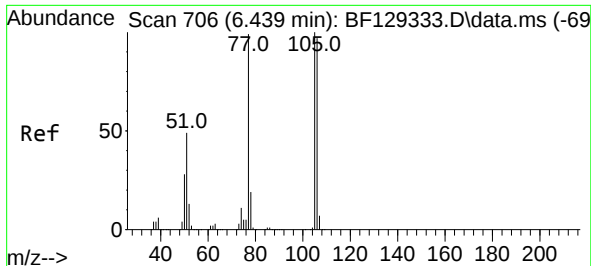
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#8  
2-Chlorophenol  
Concen: 43.234 ng  
RT: 6.675 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

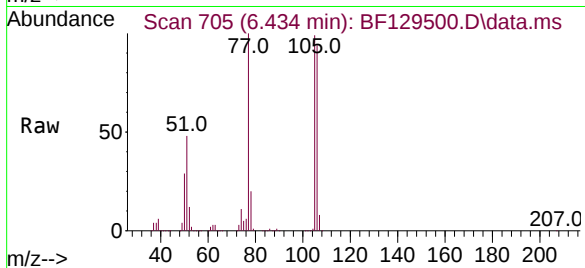
Tgt Ion:128 Resp: 595488  
Ion Ratio Lower Upper  
128 100  
130 33.0 13.1 53.1  
64 45.6 30.9 70.9





#9  
Benzaldehyde  
Concen: 30.647 ng  
RT: 6.434 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



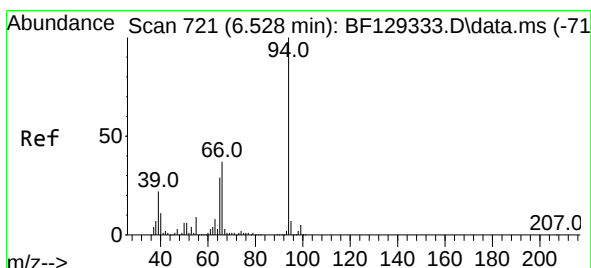
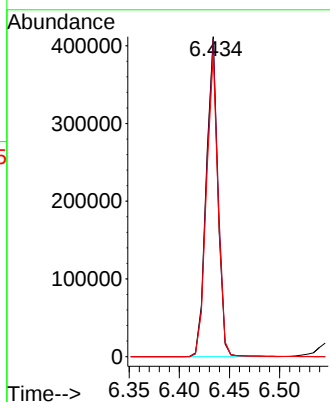
Tgt Ion: 77 Resp: 329812  
Ion Ratio Lower Upper  
77 100  
105 99.3 81.6 121.6  
106 94.3 76.1 116.1

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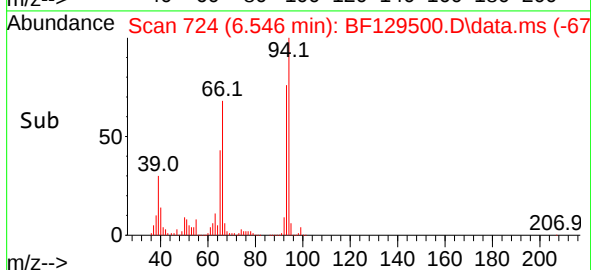
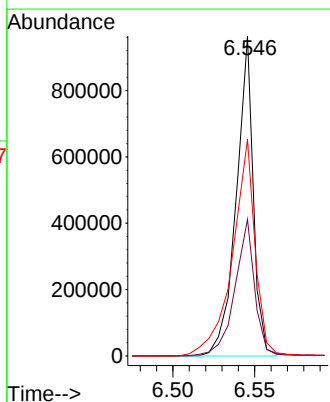
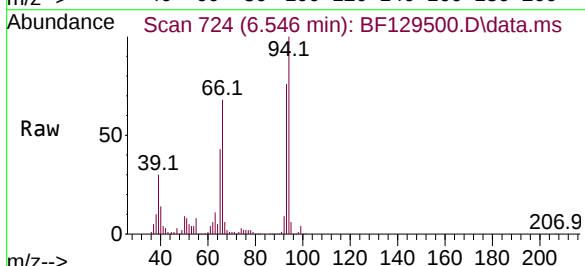
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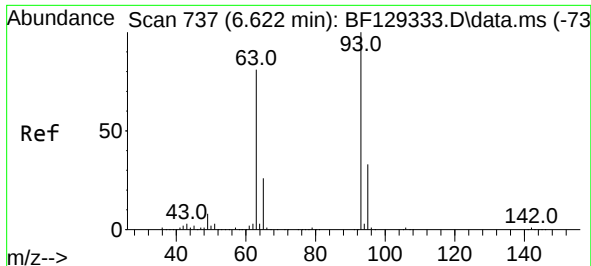
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#10  
Phenol  
Concen: 41.332 ng m  
RT: 6.546 min Scan# 724  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

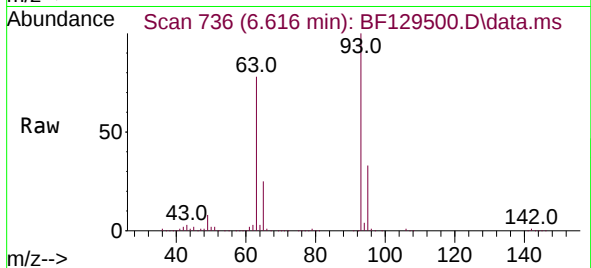
Tgt Ion: 94 Resp: 697493  
Ion Ratio Lower Upper  
94 100  
65 42.7 11.4 51.4  
66 67.7 21.4 61.4#





#11  
bis(2-Chloroethyl)ether  
Concen: 40.467 ng  
RT: 6.616 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

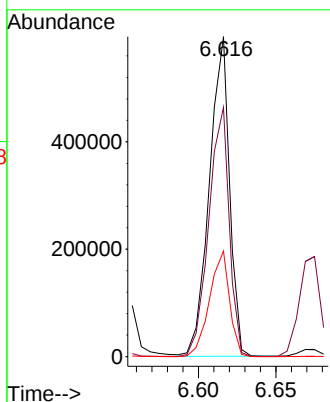
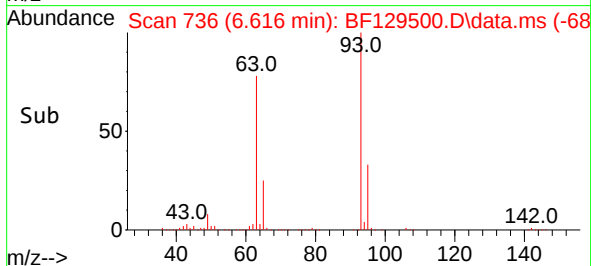
Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



Tgt Ion: 93 Resp: 541566  
Ion Ratio Lower Upper  
93 100  
63 77.9 67.4 107.4  
95 33.0 12.7 52.7

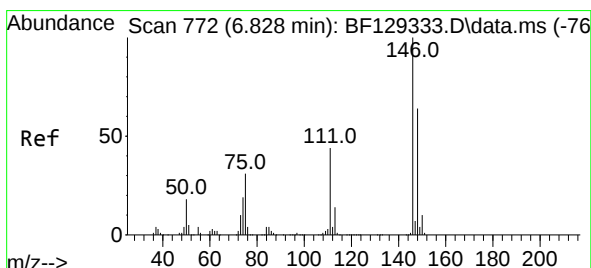
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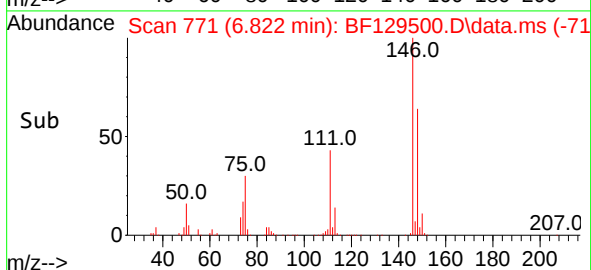
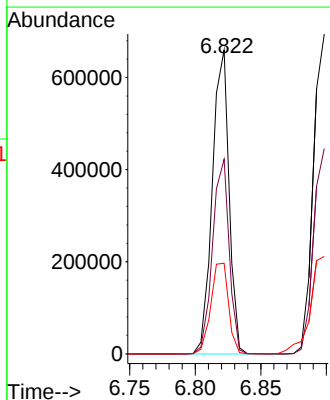
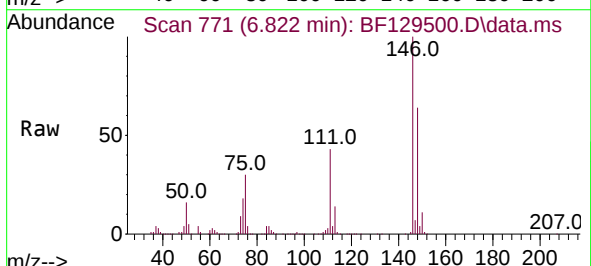
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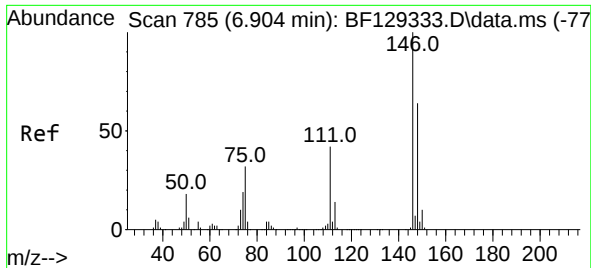
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#12  
1,3-Dichlorobenzene  
Concen: 39.713 ng  
RT: 6.822 min Scan# 771  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

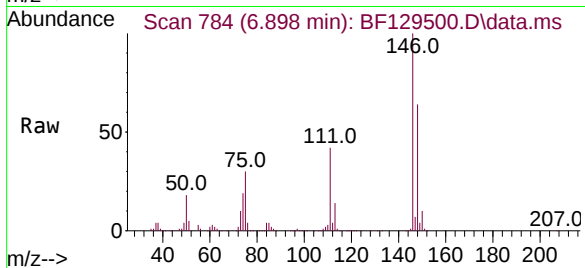
Tgt Ion:146 Resp: 586657  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 75.8  
75 29.8 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 39.185 ng  
RT: 6.898 min Scan# 785  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



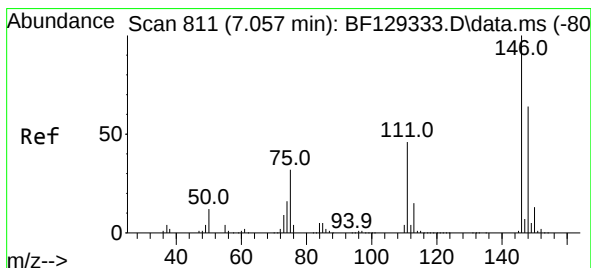
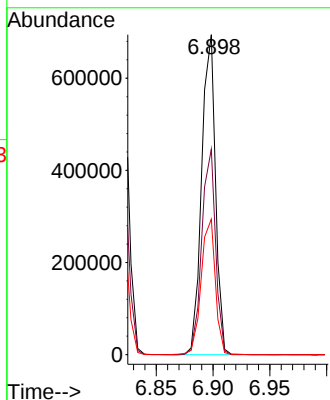
Tgt Ion:146 Resp: 588704  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.1 76.7  
111 42.3 34.2 51.4

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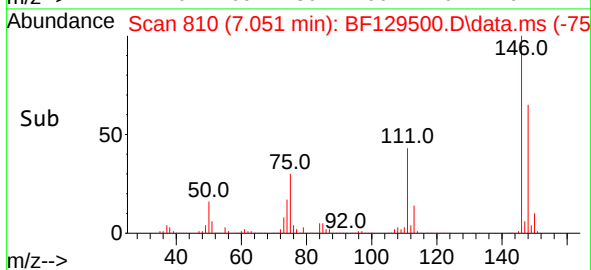
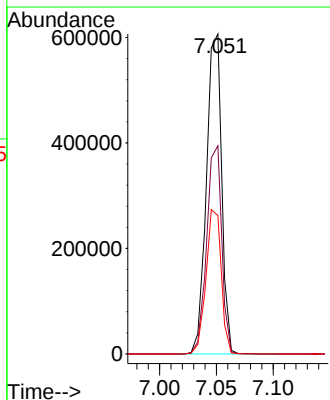
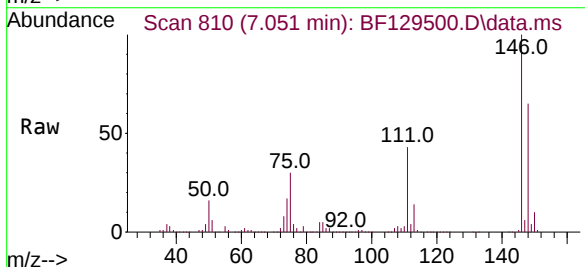
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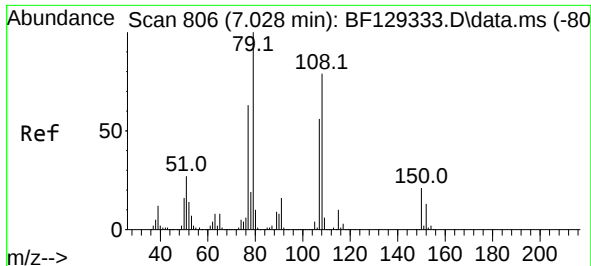
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#14  
1,2-Dichlorobenzene  
Concen: 41.240 ng  
RT: 7.051 min Scan# 810  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

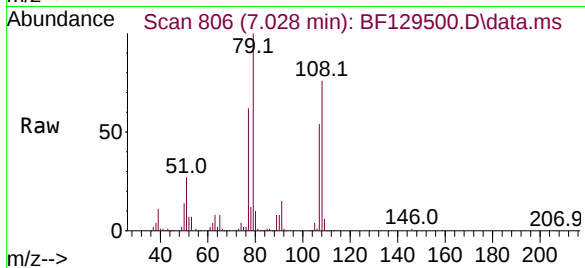
Tgt Ion:146 Resp: 569490  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
111 43.3 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 45.425 ng  
RT: 7.028 min Scan# 806  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



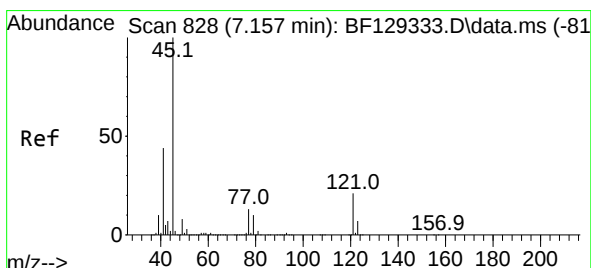
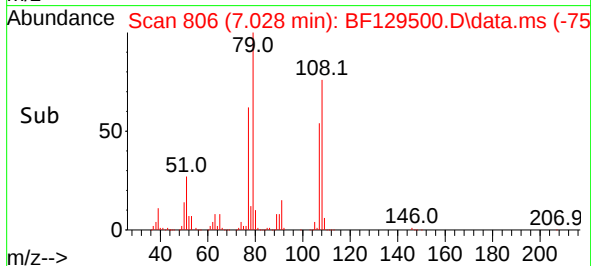
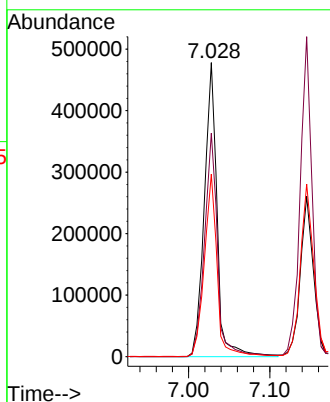
Tgt Ion: 79 Resp: 522066  
Ion Ratio Lower Upper  
79 100  
108 76.0 61.8 92.6  
77 62.1 50.2 75.4

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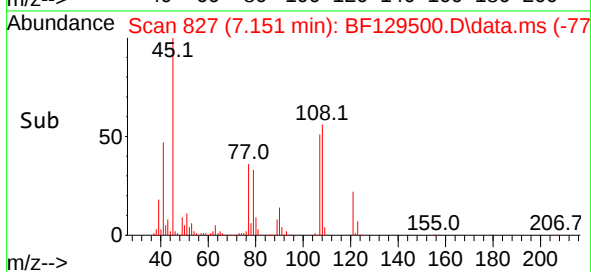
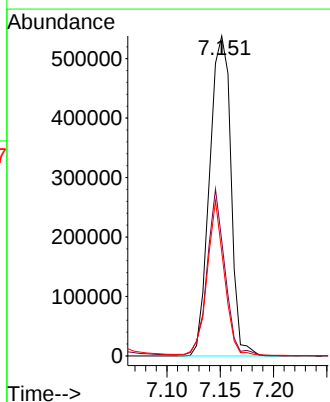
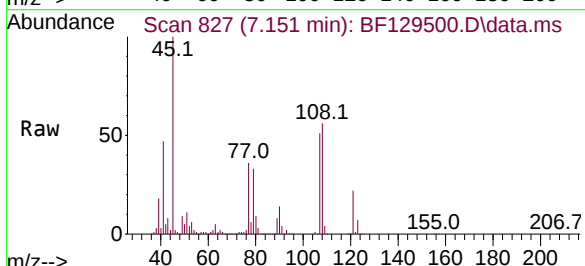
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Upadhyay

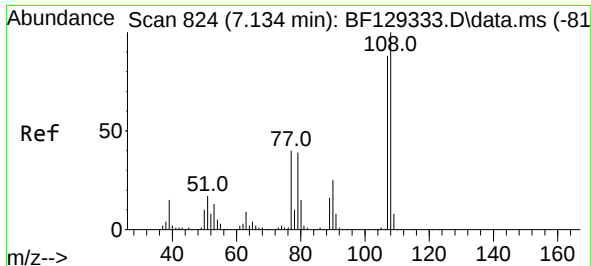
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.141 ng  
RT: 7.151 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

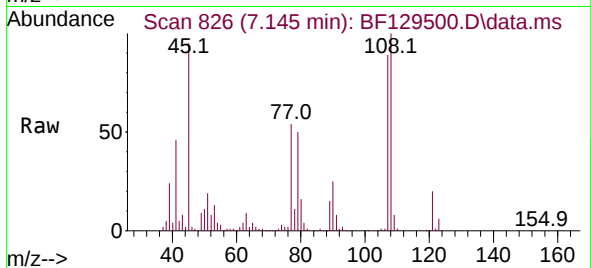
Tgt Ion: 45 Resp: 747170  
Ion Ratio Lower Upper  
45 100  
77 36.0 0.0 31.3#  
79 32.6 0.0 28.3#





#17  
2-Methylphenol  
Concen: 41.222 ng  
RT: 7.145 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



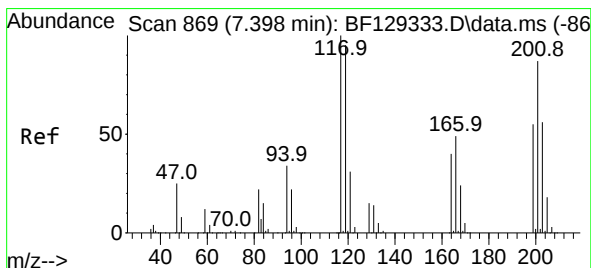
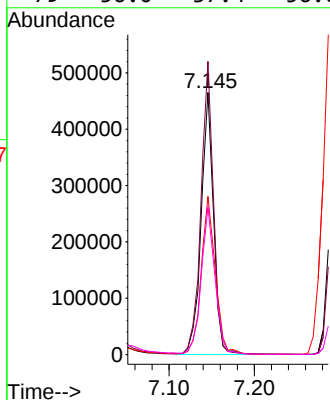
Tgt Ion:107 Resp: 471022  
Ion Ratio Lower Upper  
107 100  
108 111.8 91.9 137.9  
77 60.3 37.8 56.8  
79 56.0 37.4 56.0

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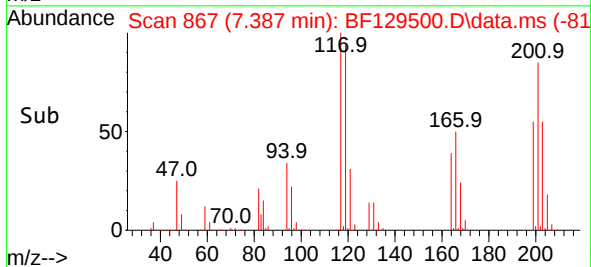
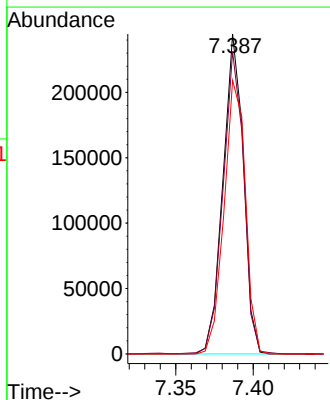
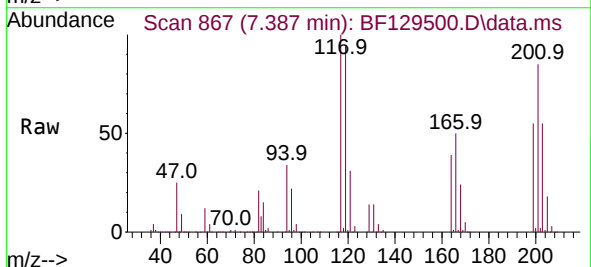
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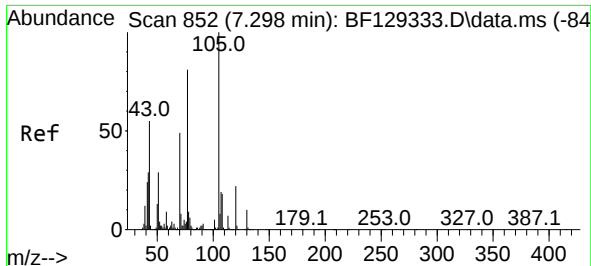
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#18  
Hexachloroethane  
Concen: 39.737 ng  
RT: 7.387 min Scan# 867  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

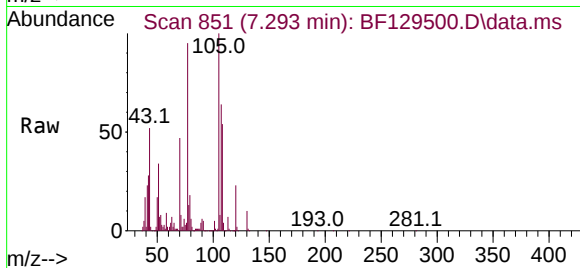
Tgt Ion:117 Resp: 224793  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.4 116.2  
201 85.5 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.967 ng  
RT: 7.293 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



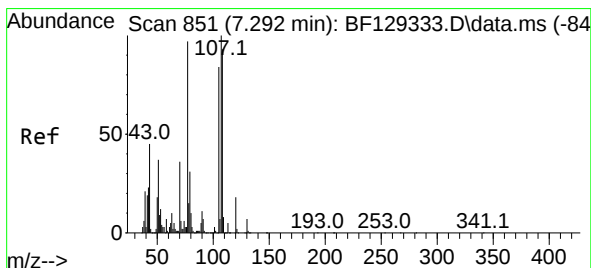
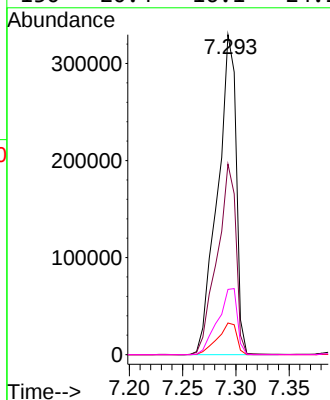
Tgt Ion: 70 Resp: 402604  
Ion Ratio Lower Upper  
70 100  
42 59.5 52.3 78.5  
101 9.9 7.5 11.3  
130 20.4 16.1 24.1

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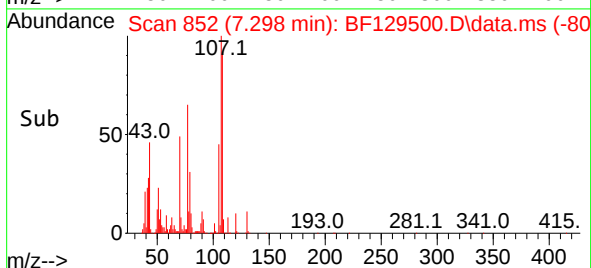
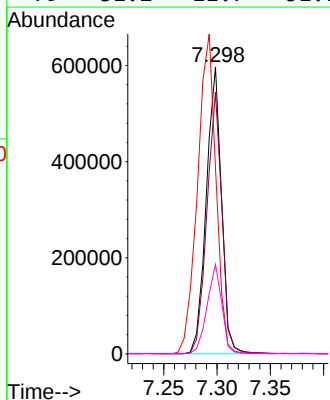
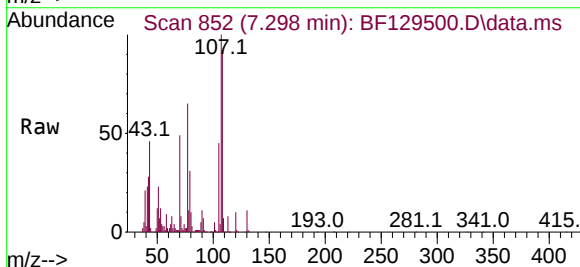
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Upadhyay

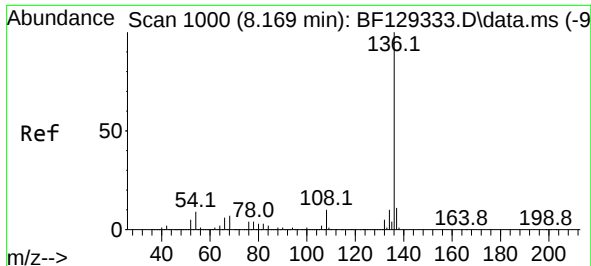
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#20  
3+4-Methylphenols  
Concen: 40.795 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:107 Resp: 592697  
Ion Ratio Lower Upper  
107 100  
108 91.2 71.8 111.8  
77 64.9 59.3 99.3  
79 31.2 11.7 51.7





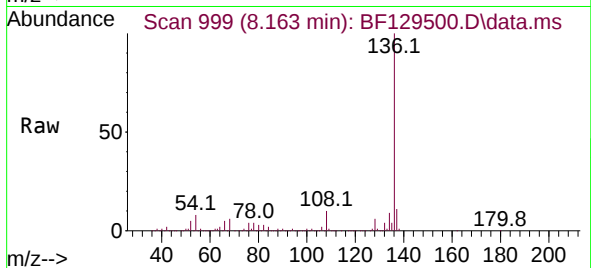
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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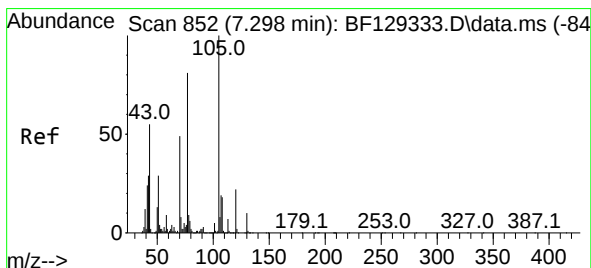
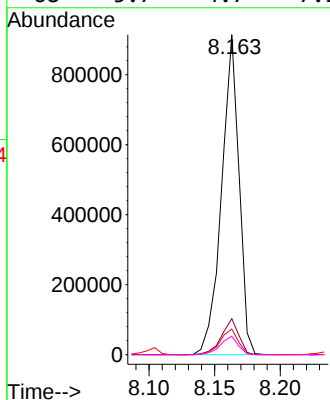
Tgt Ion:136 Resp: 84855  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.0 7.5 11.3  
68 5.7 4.7 7.1

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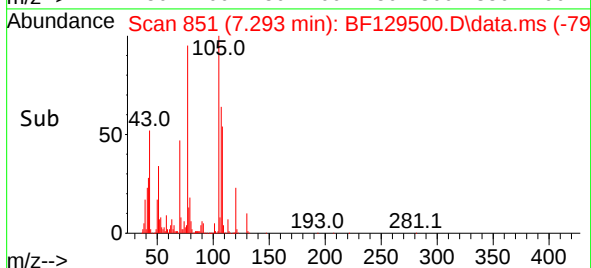
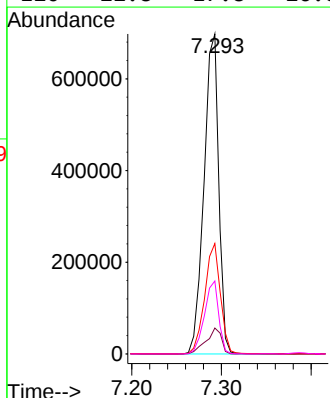
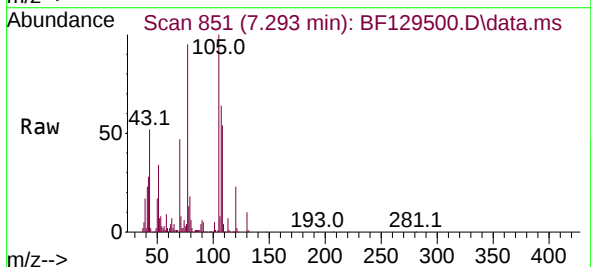
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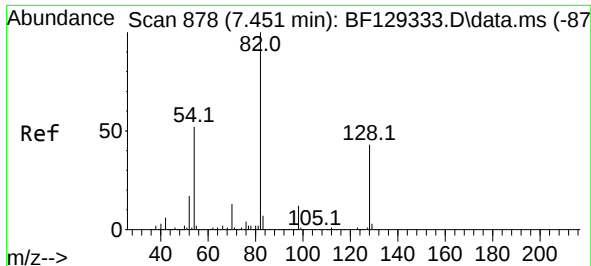
08/03/2022



#22  
Acetophenone  
Concen: 40.216 ng  
RT: 7.293 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

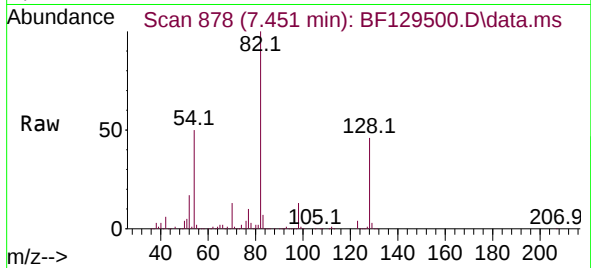
Tgt Ion:105 Resp: 794506  
Ion Ratio Lower Upper  
105 100  
71 8.1 5.0 7.4#  
51 34.5 25.0 37.4  
120 22.8 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 81.123 ng  
RT: 7.451 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



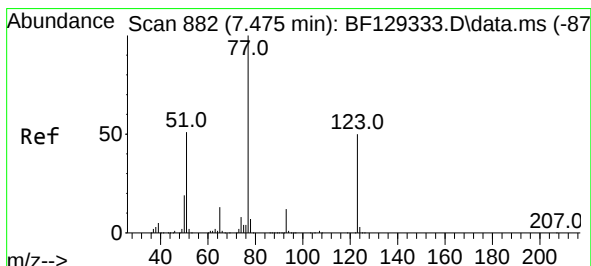
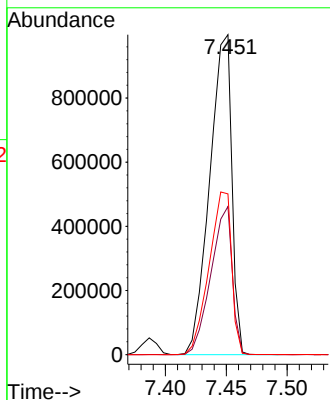
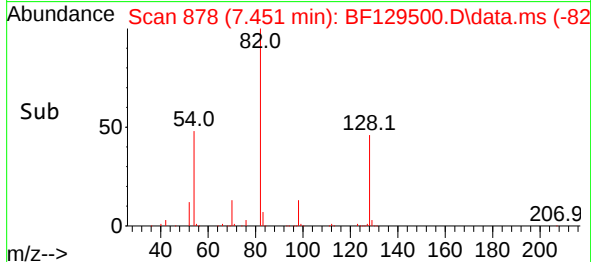
Tgt Ion: 82 Resp: 1261036  
Ion Ratio Lower Upper  
82 100  
128 46.3 34.0 51.0  
54 50.2 46.9 70.3

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Supervised By :Jagrut Upadhyay 08/03/2022

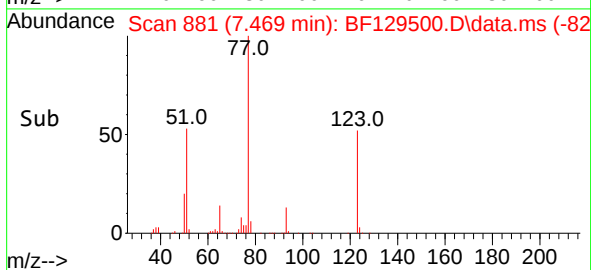
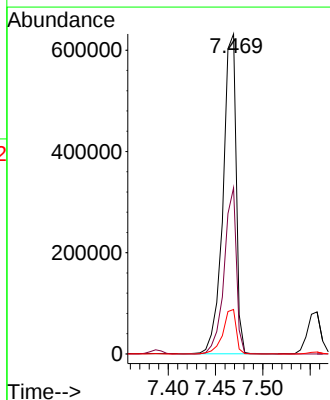
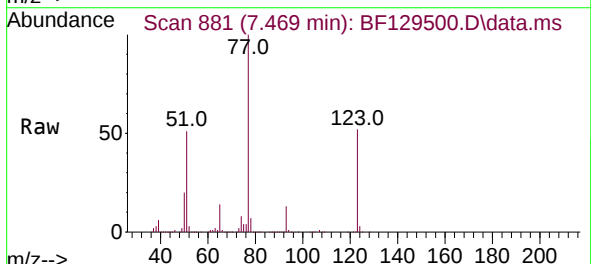
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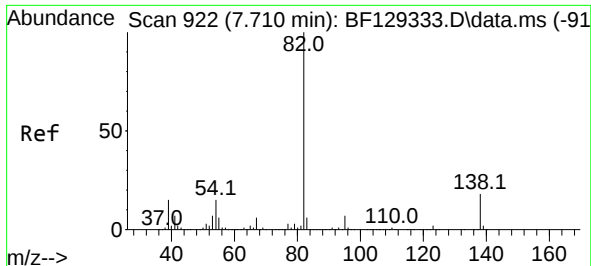
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#24  
Nitrobenzene  
Concen: 38.068 ng  
RT: 7.469 min Scan# 881  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

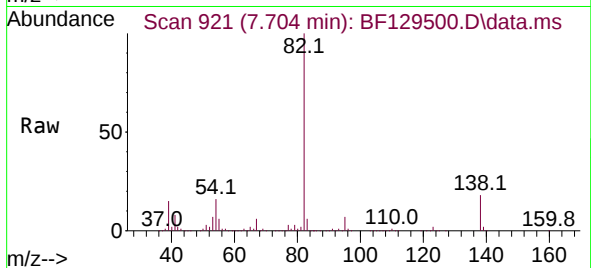
Tgt Ion: 77 Resp: 609361  
Ion Ratio Lower Upper  
77 100  
123 51.9 35.4 53.2  
65 13.9 11.8 17.8





#25  
Isophorone  
Concen: 40.855 ng  
RT: 7.704 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



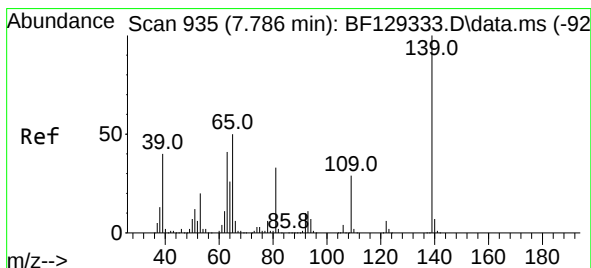
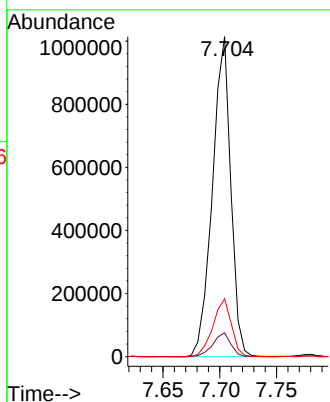
Tgt Ion: 82 Resp: 1138360  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.7 8.5  
138 18.1 14.2 21.2

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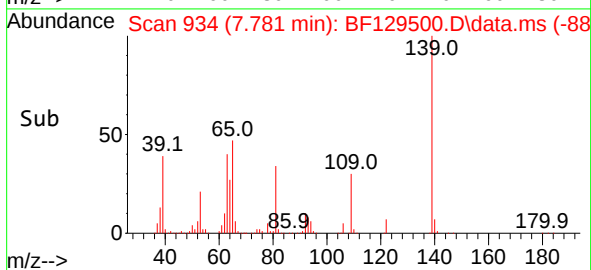
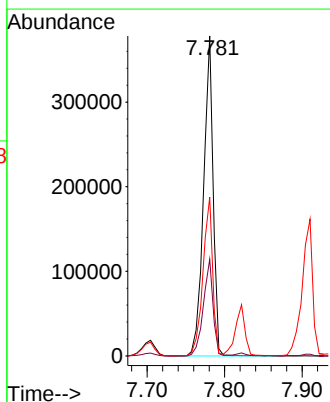
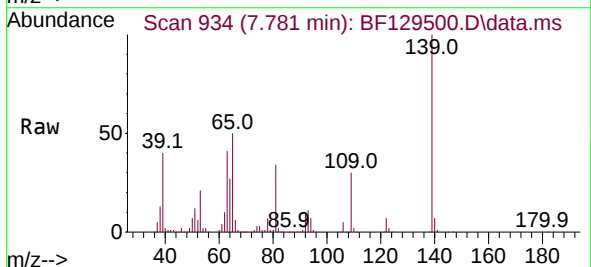
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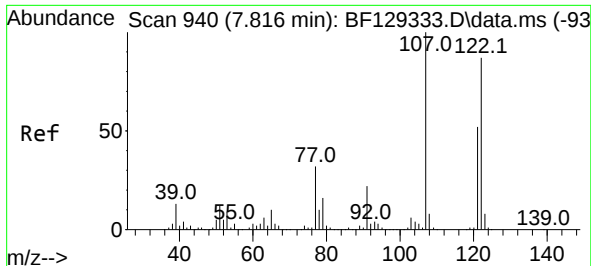
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#26  
2-Nitrophenol  
Concen: 40.981 ng  
RT: 7.781 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:139 Resp: 323619  
Ion Ratio Lower Upper  
139 100  
109 30.2 25.0 37.4  
65 49.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 45.734 ng m

RT: 7.822 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF129500.D

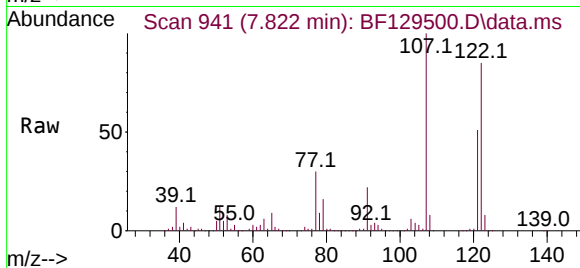
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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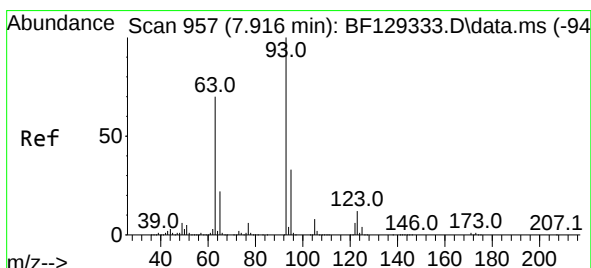
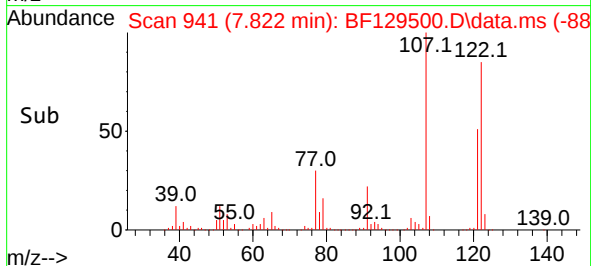
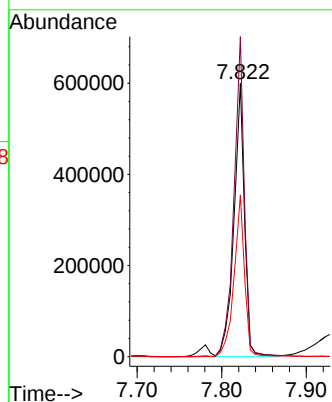
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.1 | 93.0  | 139.6 |
| 121     | 59.2  | 46.6  | 70.0  |

Manual Integrations  
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Upadhyay

08/03/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.622 ng

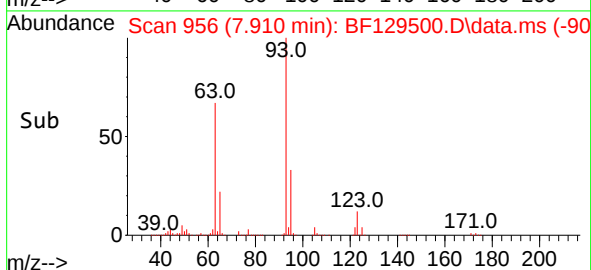
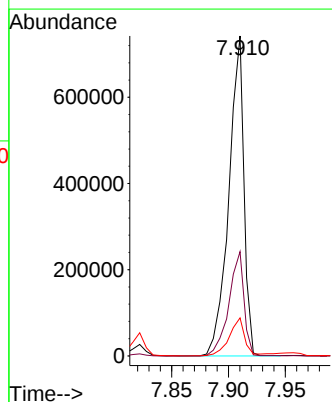
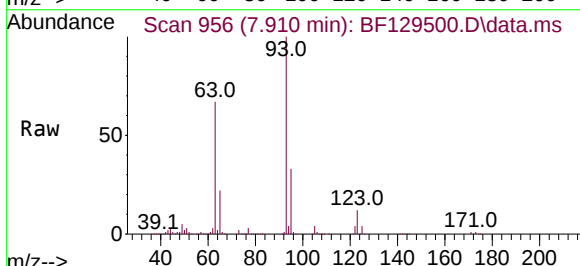
RT: 7.910 min Scan# 956

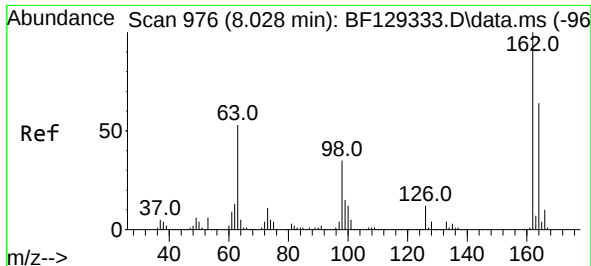
Delta R.T. 0.006 min

Lab File: BF129500.D

Acq: 02 Aug 2022 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.8  | 40.2  |
| 123     | 11.9  | 9.2   | 13.8  |





#29

2,4-Dichlorophenol

Concen: 40.567 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129500.D

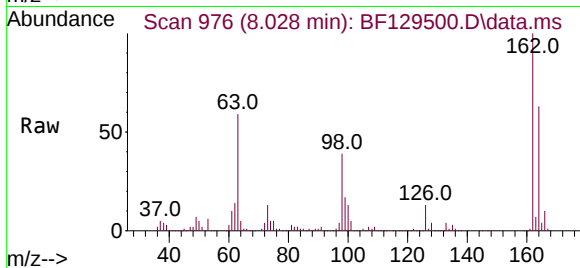
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 495973 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.3  | 44.2  | 84.2   |
| 98        | 38.8  | 19.6  | 59.6   |

Manual Integrations

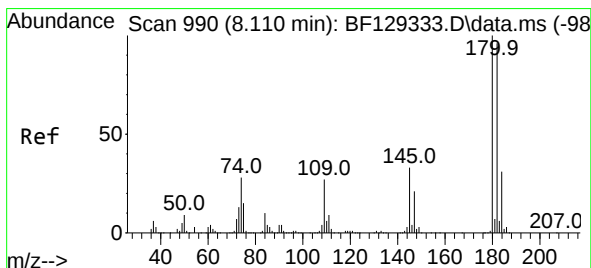
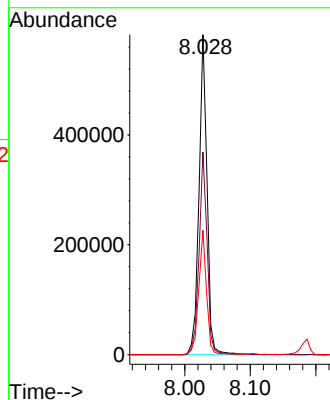
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Upadhyay

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#30

1,2,4-Trichlorobenzene

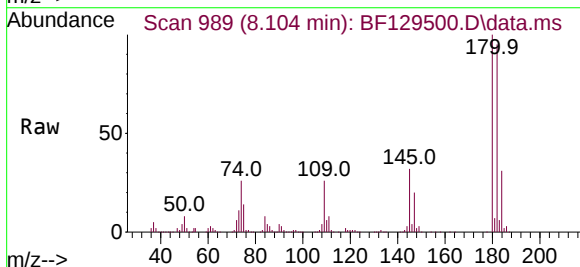
Concen: 38.445 ng

RT: 8.104 min Scan# 989

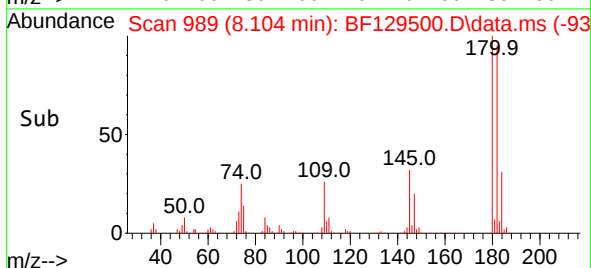
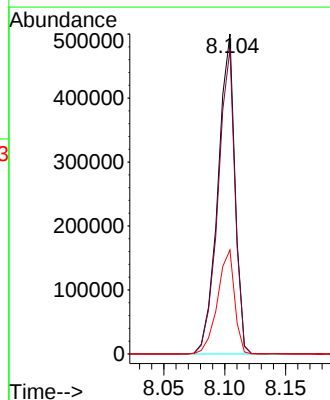
Delta R.T. 0.006 min

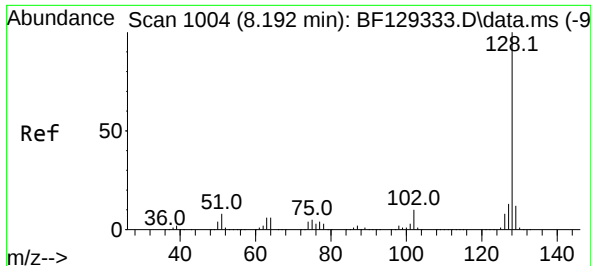
Lab File: BF129500.D

Acq: 02 Aug 2022 10:54



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 486515 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 79.2  | 118.8  |
| 145       | 32.5  | 26.2  | 39.2   |





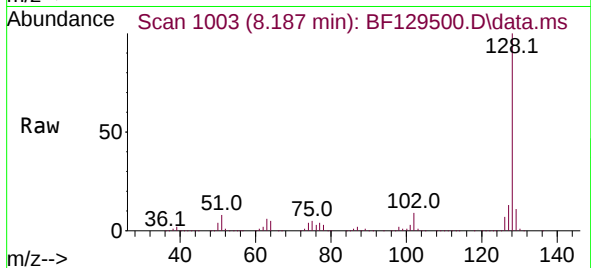
#31  
Naphthalene  
Concen: 38.571 ng  
RT: 8.187 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:128 Resp: 1662880  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.2 10.5 15.7

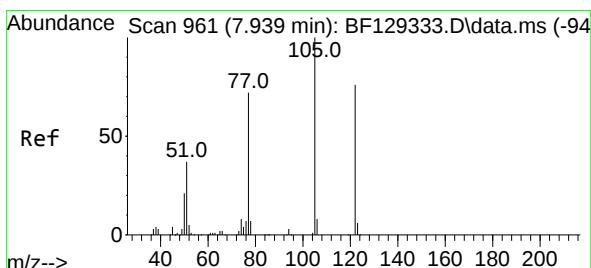
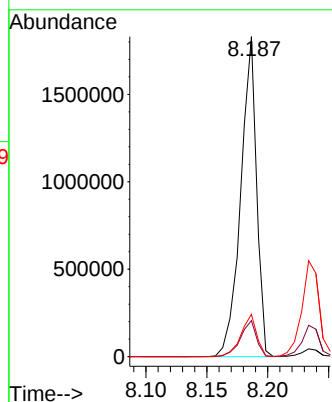
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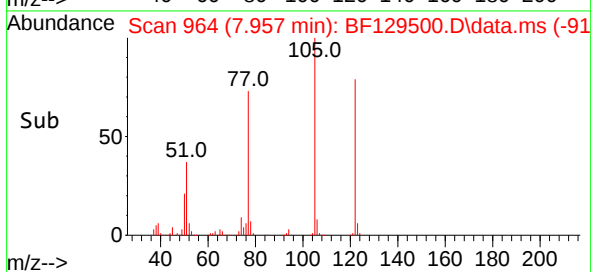
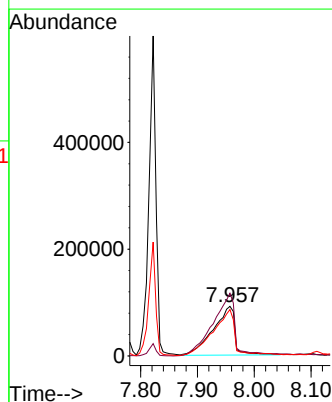
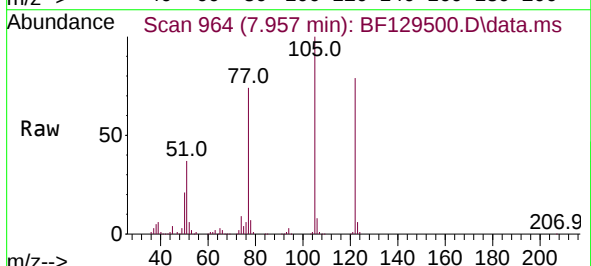
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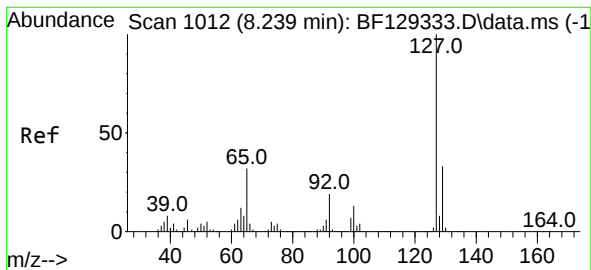
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#32  
Benzoic acid  
Concen: 28.673 ng  
RT: 7.957 min Scan# 964  
Delta R.T. 0.018 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

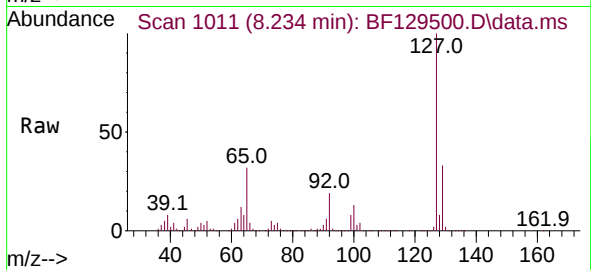
Tgt Ion:122 Resp: 245540  
Ion Ratio Lower Upper  
122 100  
105 126.6 107.1 147.1  
77 93.5 74.2 114.2





#33  
4-Chloroaniline  
Concen: 32.100 ng  
RT: 8.234 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



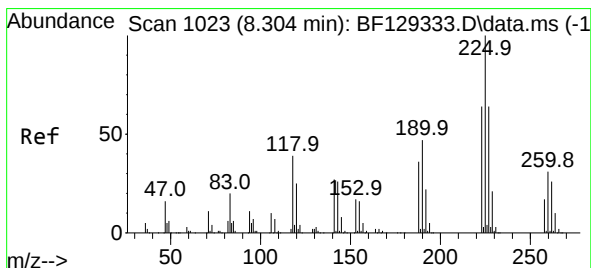
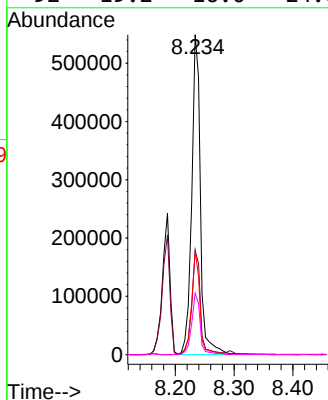
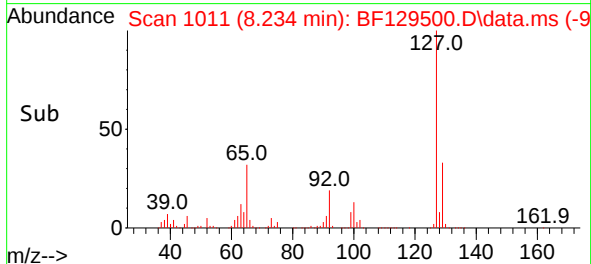
Tgt Ion:127 Resp: 568159  
Ion Ratio Lower Upper  
127 100  
129 32.6 26.4 39.6  
65 32.3 26.4 39.6  
92 19.2 16.0 24.0

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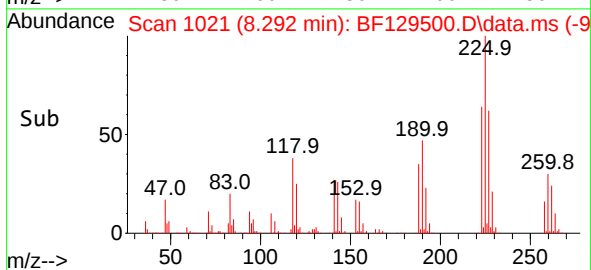
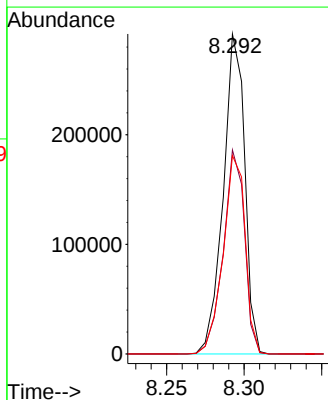
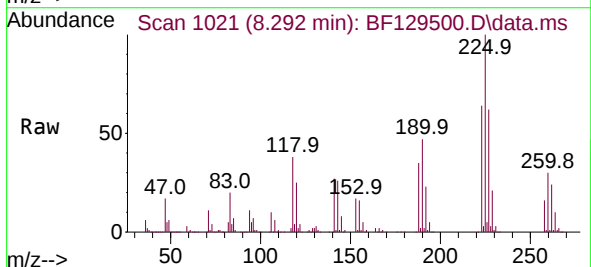
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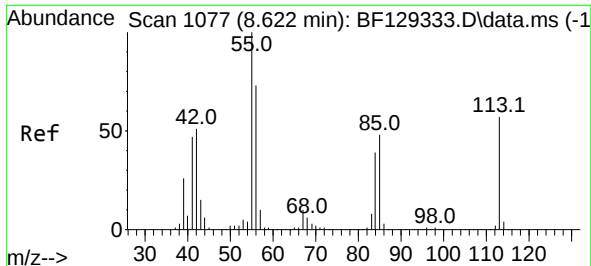
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#34  
Hexachlorobutadiene  
Concen: 39.066 ng  
RT: 8.292 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

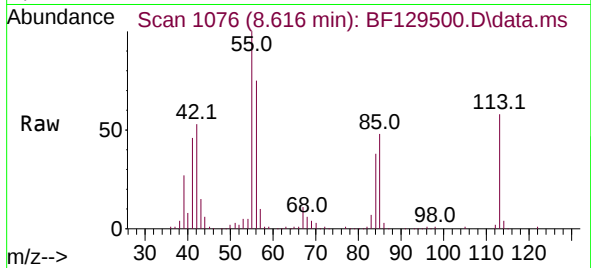
Tgt Ion:225 Resp: 281022  
Ion Ratio Lower Upper  
225 100  
223 63.7 51.0 76.6  
227 62.0 51.1 76.7





#35  
 Caprolactam  
 Concen: 43.237 ng m  
 RT: 8.616 min Scan# 1076  
 Delta R.T. 0.000 min  
 Lab File: BF129500.D  
 Acq: 02 Aug 2022 10:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146602BS



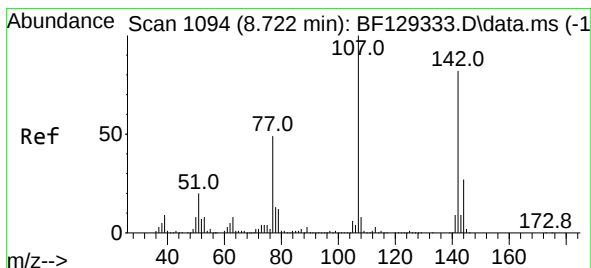
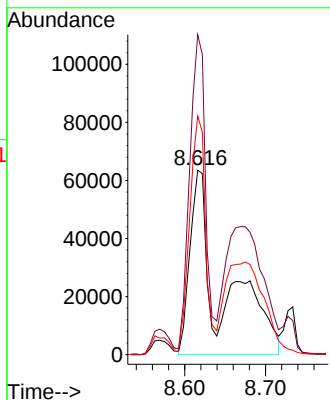
Tgt Ion:113 Resp: 171863  
 Ion Ratio Lower Upper  
 113 100  
 55 173.6 188.5 228.5  
 56 129.5 130.6 170.6

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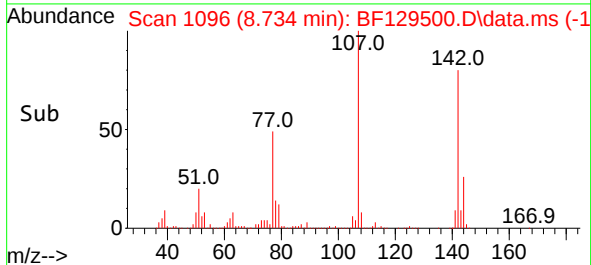
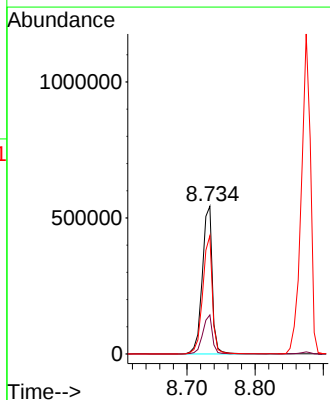
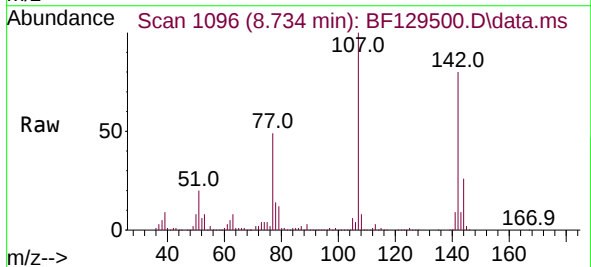
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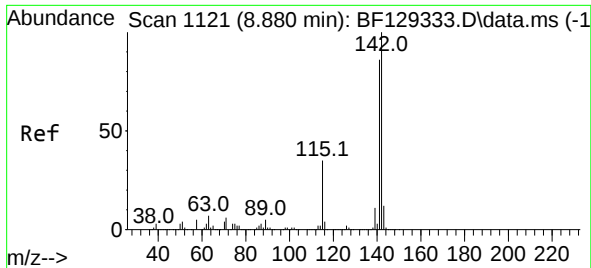
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#36  
 4-Chloro-3-methylphenol  
 Concen: 42.805 ng  
 RT: 8.734 min Scan# 1096  
 Delta R.T. 0.012 min  
 Lab File: BF129500.D  
 Acq: 02 Aug 2022 10:54

Tgt Ion:107 Resp: 555052  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 19.5 29.3  
 142 80.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.589 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129500.D

Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

PB146602BS

Tgt Ion:142 Resp: 1109148

Ion Ratio Lower Upper

142 100

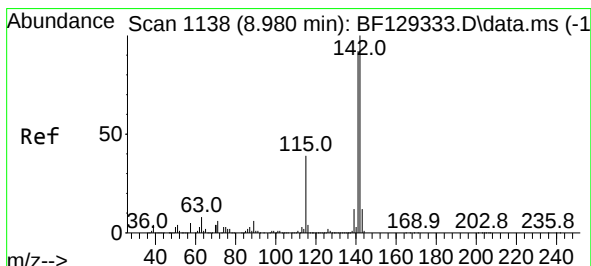
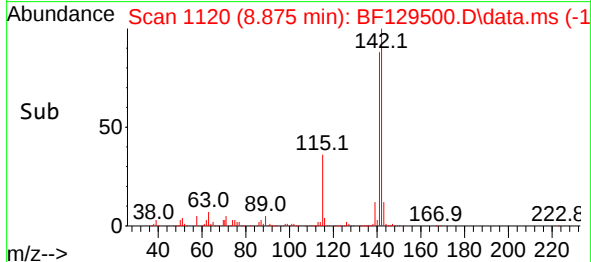
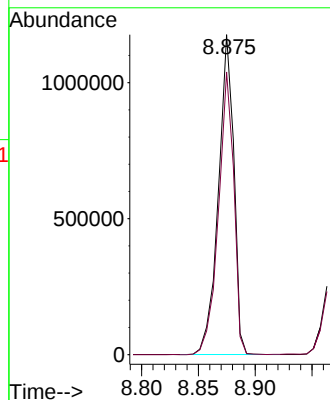
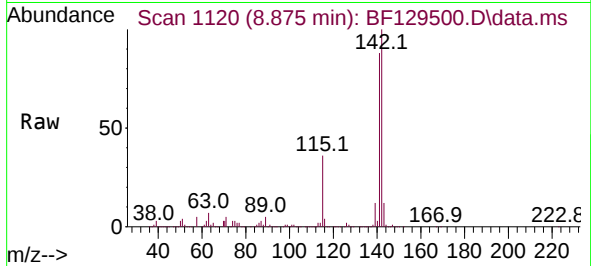
141 88.3 71.0 106.4

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#38

1-Methylnaphthalene

Concen: 38.974 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129500.D

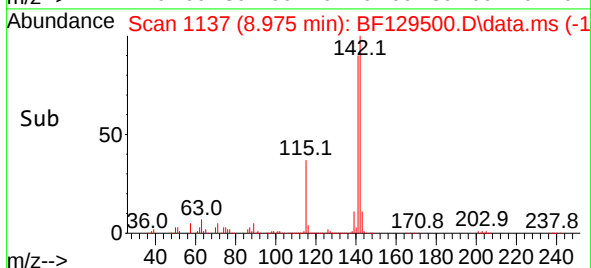
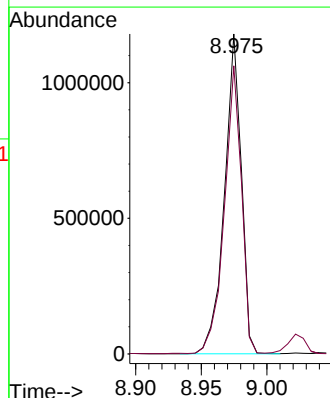
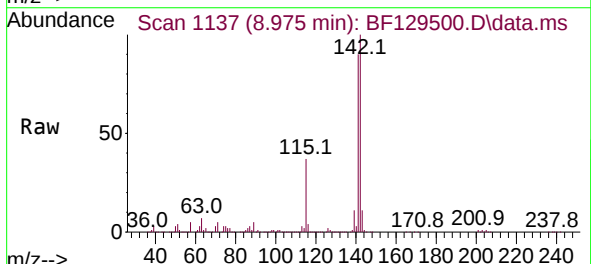
Acq: 02 Aug 2022 10:54

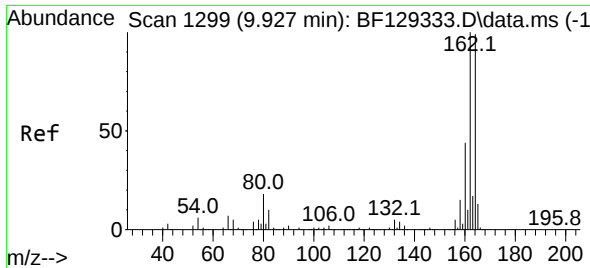
Tgt Ion:142 Resp: 1054075

Ion Ratio Lower Upper

142 100

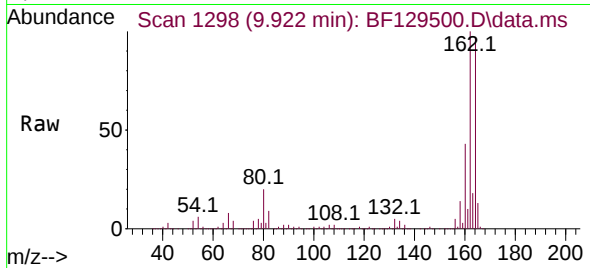
141 90.0 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1149  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



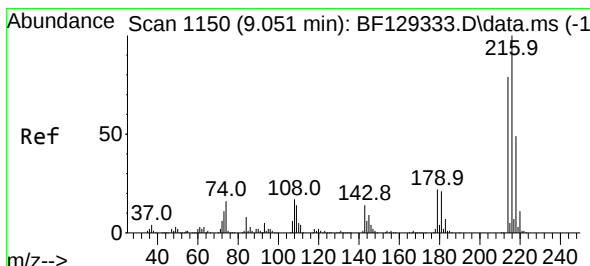
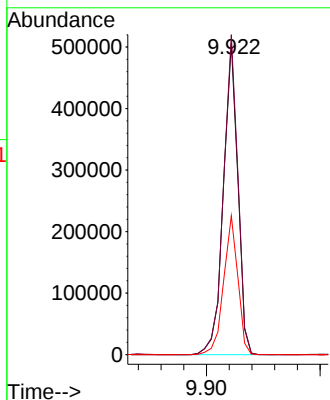
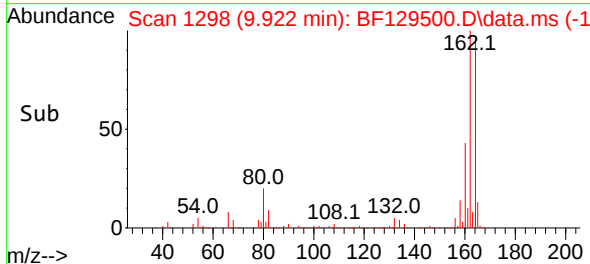
Tgt Ion:164 Resp: 446563  
Ion Ratio Lower Upper  
164 100  
162 102.8 79.5 119.3  
160 44.6 34.2 51.4

Manual Integrations  
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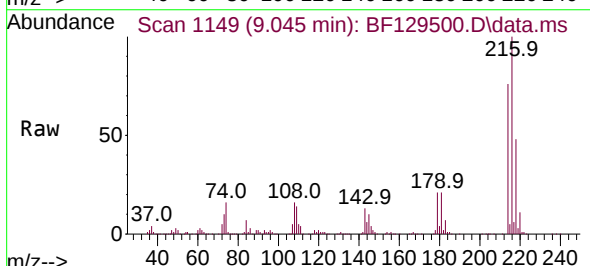
Reviewed By :Christian Giraldo 08/03/2022  
Supervised By :Jagrut Upadhyay 08/03/2022

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Supervised By :Jagrut  
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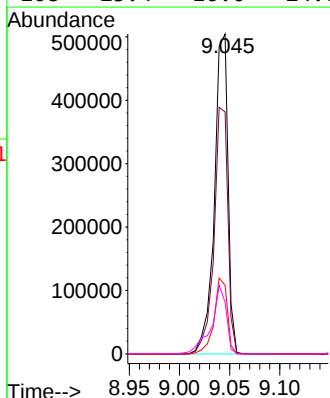
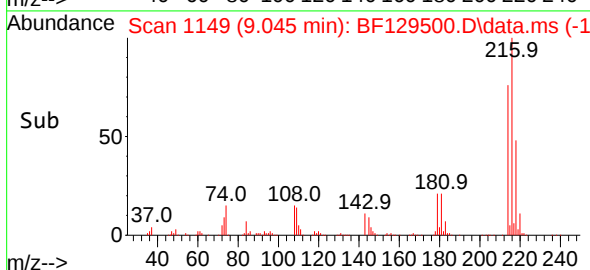
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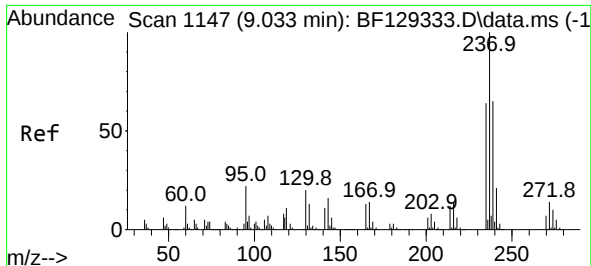


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.564 ng  
RT: 9.045 min Scan# 1149  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



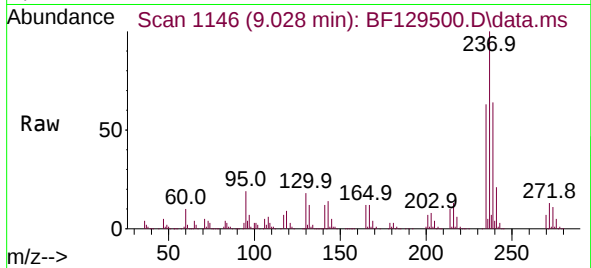
Tgt Ion:216 Resp: 475645  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.6 95.4  
179 22.9 17.0 25.6  
108 23.4 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 93.575 ng  
RT: 9.028 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



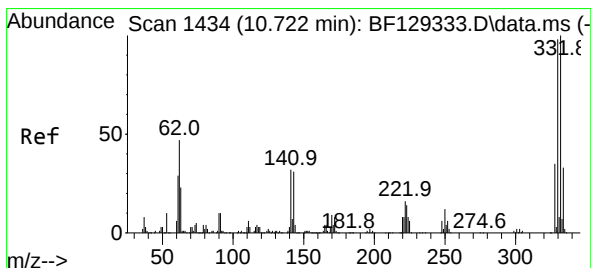
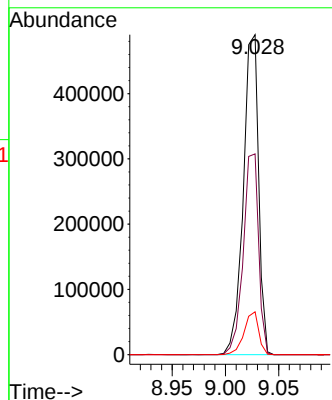
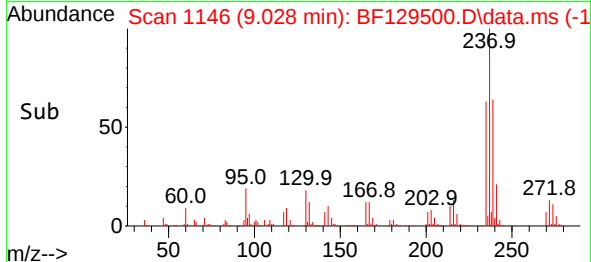
Tgt Ion:237 Resp: 488592  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.2 83.2  
272 13.4 0.0 31.9

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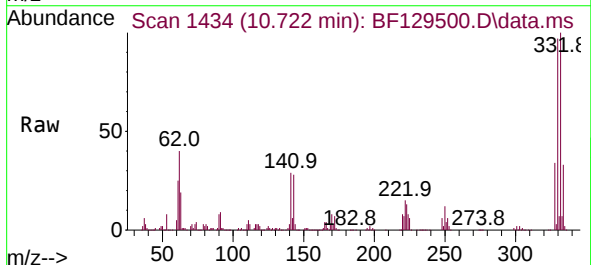
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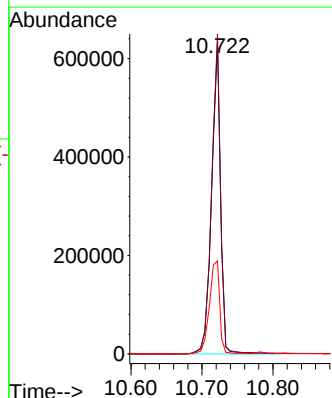
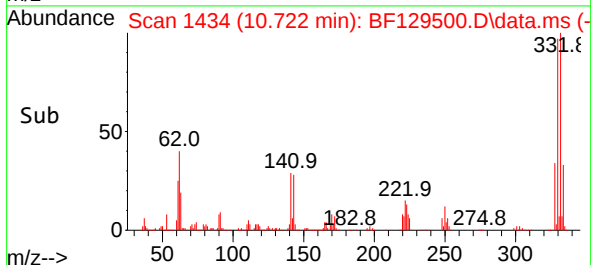
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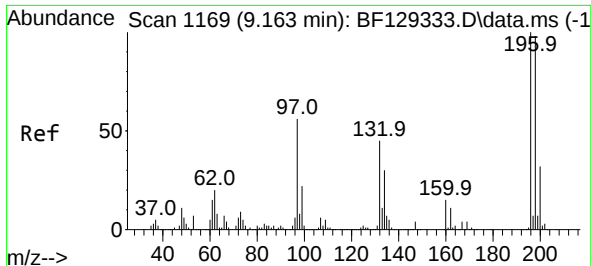


#42  
2,4,6-Tribromophenol  
Concen: 128.730 ng  
RT: 10.722 min Scan# 1434  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



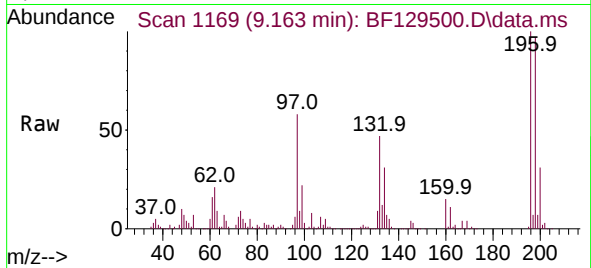
Tgt Ion:330 Resp: 552685  
Ion Ratio Lower Upper  
330 100  
332 102.9 76.8 115.2  
141 34.6 28.0 42.0





#43  
2,4,6-Trichlorophenol  
Concen: 39.812 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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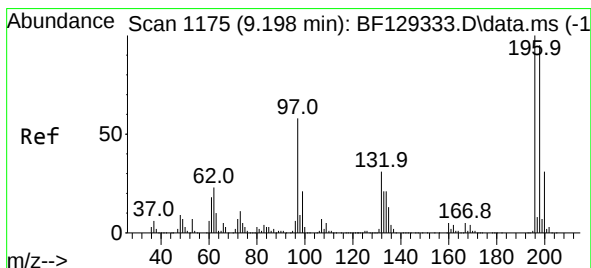
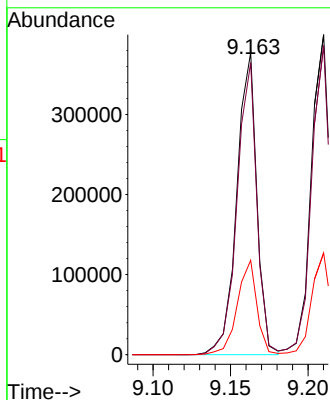
Tgt Ion:196 Resp: 339063  
Ion Ratio Lower Upper  
196 100  
198 96.6 74.0 111.0  
200 31.2 24.1 36.1

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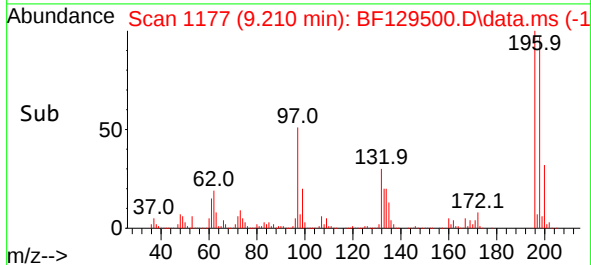
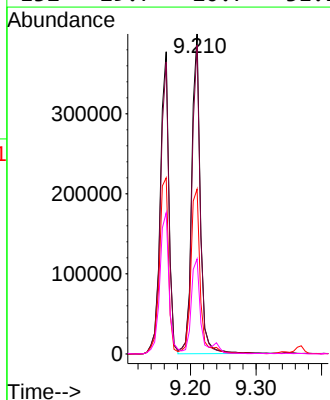
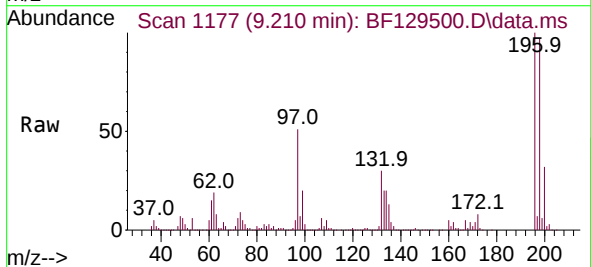
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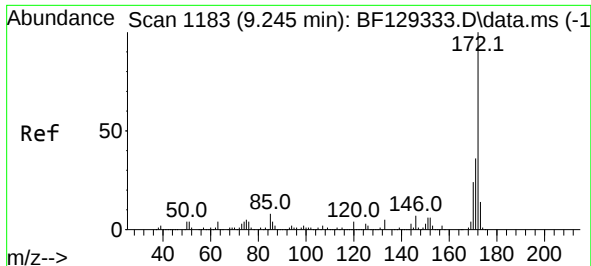
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#44  
2,4,5-Trichlorophenol  
Concen: 39.340 ng  
RT: 9.210 min Scan# 1177  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

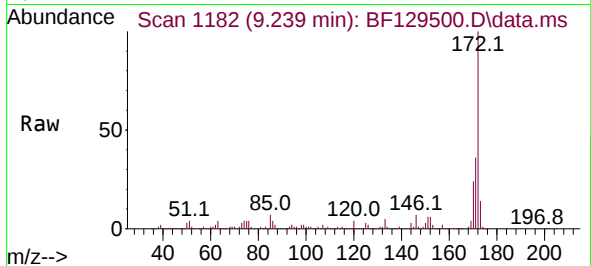
Tgt Ion:196 Resp: 364350  
Ion Ratio Lower Upper  
196 100  
198 96.5 75.7 113.5  
97 51.5 36.4 54.6  
132 29.7 20.7 31.1





#45  
2-Fluorobiphenyl  
Concen: 76.945 ng  
RT: 9.239 min Scan# 1199  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



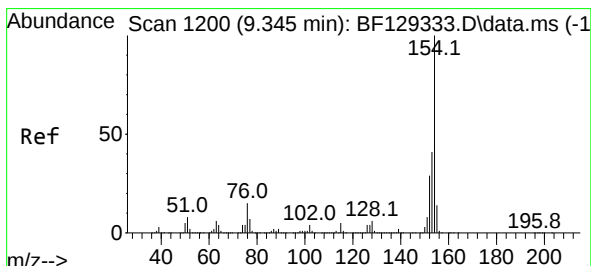
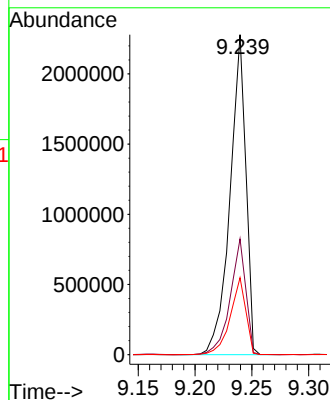
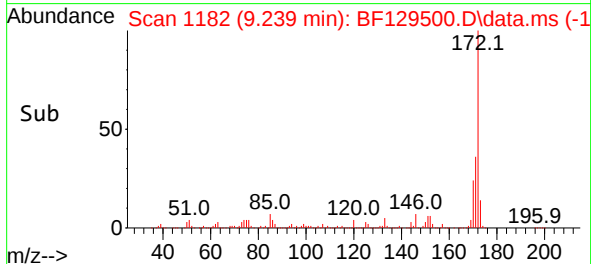
Tgt Ion:172 Resp: 2221205  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.8 43.2  
170 24.0 19.8 29.8

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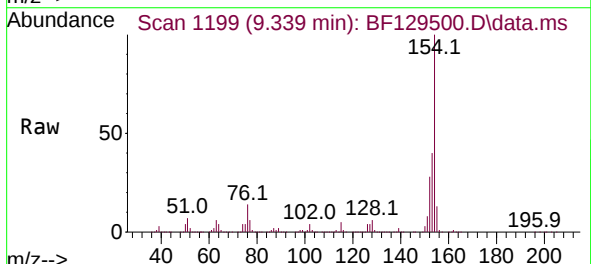
Reviewed By :Christian Giraldo 08/03/2022  
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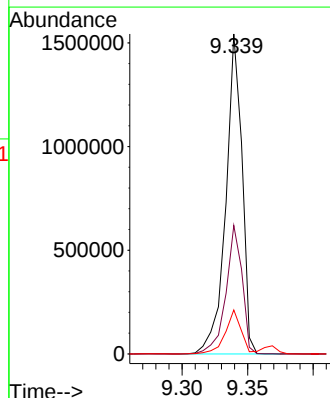
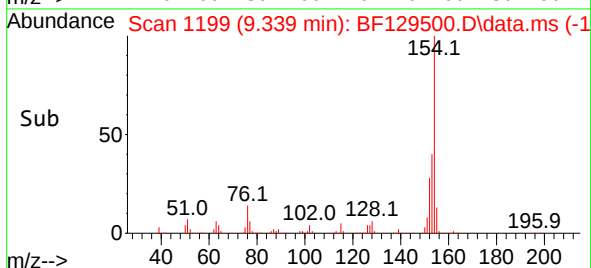
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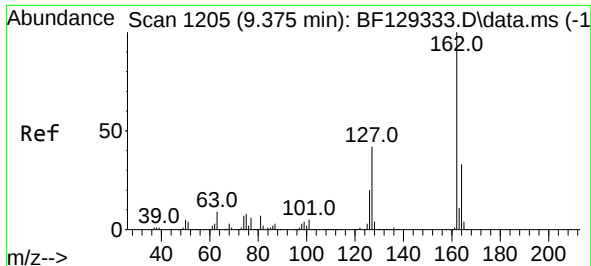


#46  
1,1'-Biphenyl  
Concen: 40.635 ng  
RT: 9.339 min Scan# 1199  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



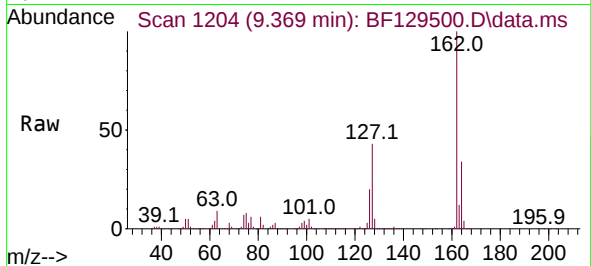
Tgt Ion:154 Resp: 1324289  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.6 60.6  
76 13.7 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 39.457 ng  
RT: 9.369 min Scan# 1204  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



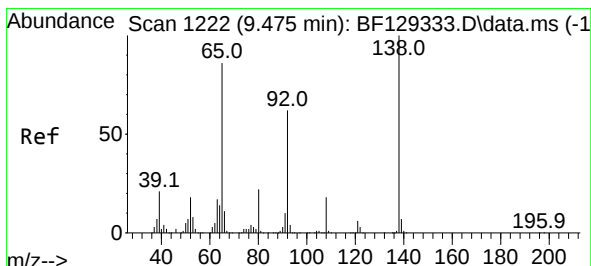
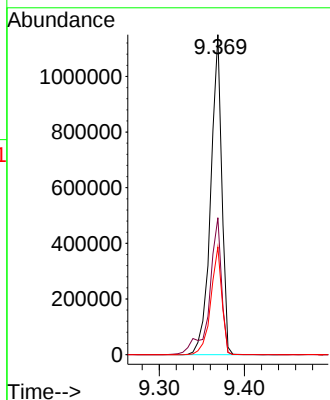
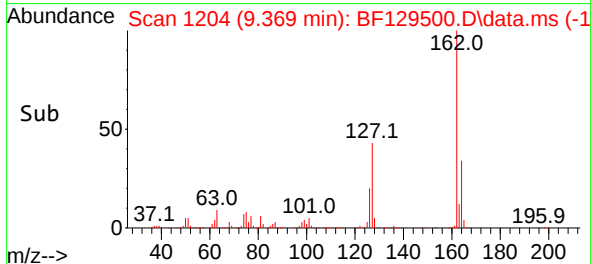
Tgt Ion:162 Resp: 1039528  
Ion Ratio Lower Upper  
162 100  
127 42.8 34.5 51.7  
164 33.6 26.5 39.7

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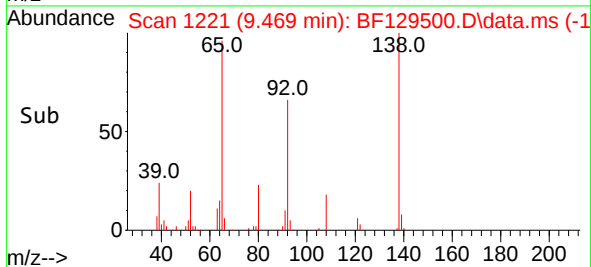
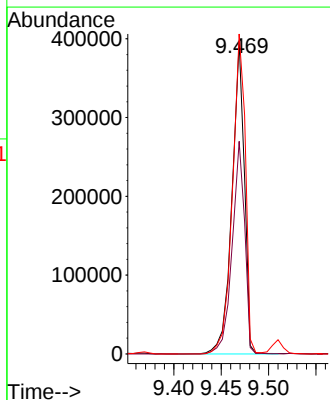
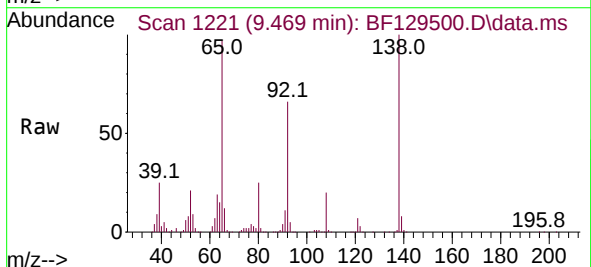
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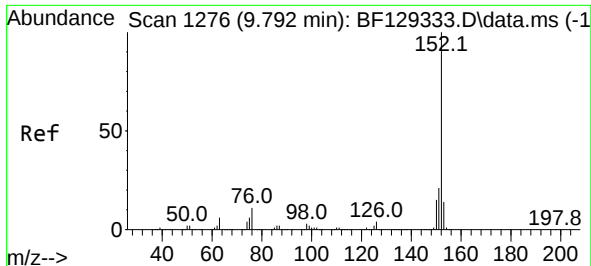
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#48  
2-Nitroaniline  
Concen: 41.091 ng  
RT: 9.469 min Scan# 1221  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

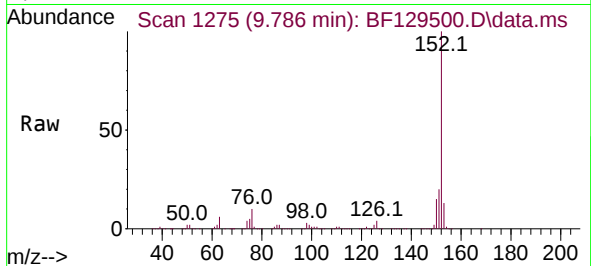
Tgt Ion: 65 Resp: 359987  
Ion Ratio Lower Upper  
65 100  
92 68.2 51.9 77.9  
138 102.7 76.4 114.6





#49  
Acenaphthylene  
Concen: 40.603 ng  
RT: 9.786 min Scan# 1276  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
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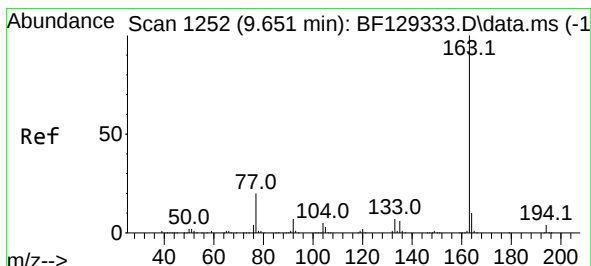
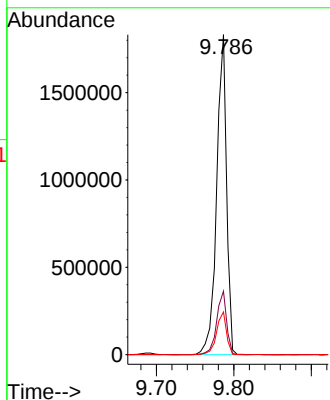
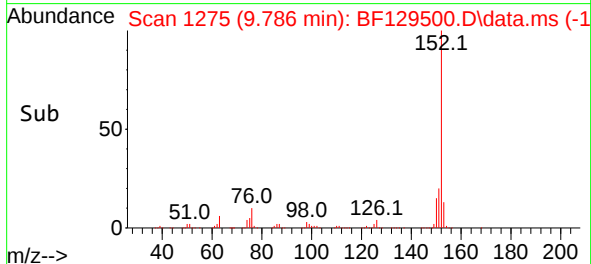
Tgt Ion:152 Resp: 1625443  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.2 24.4  
153 13.3 10.7 16.1

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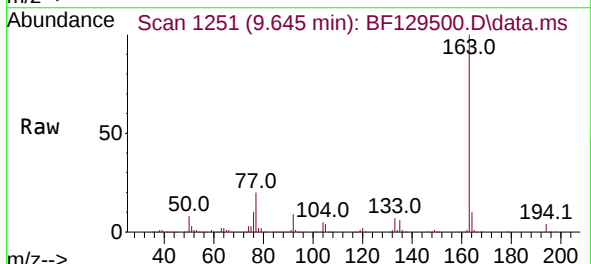
Reviewed By :Christian Giraldo 08/03/2022  
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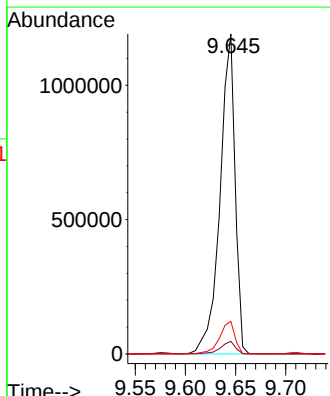
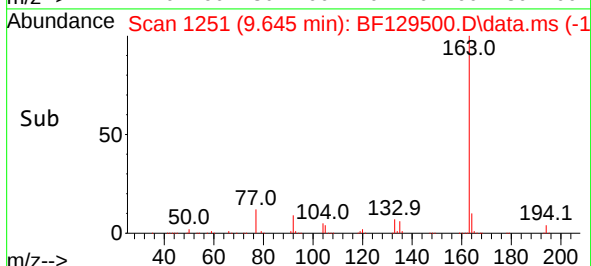
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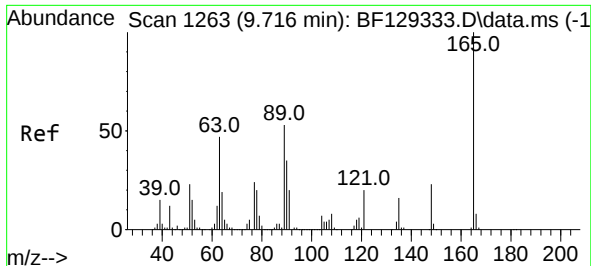


#50  
Dimethylphthalate  
Concen: 40.562 ng  
RT: 9.645 min Scan# 1251  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



Tgt Ion:163 Resp: 1250418  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.2 8.2 12.2





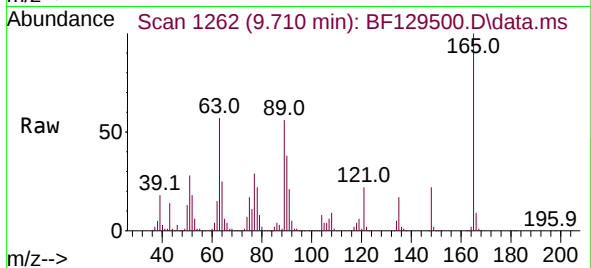
#51  
2,6-Dinitrotoluene  
Concen: 41.473 ng  
RT: 9.710 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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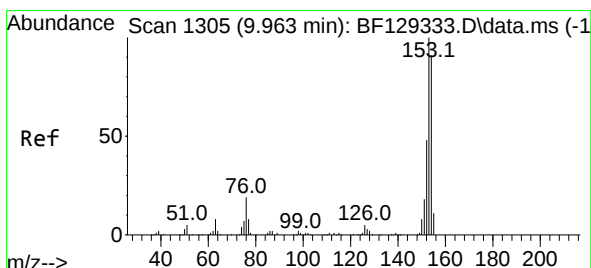
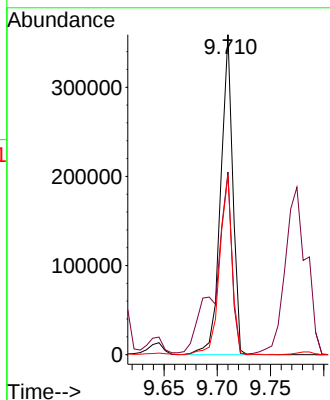
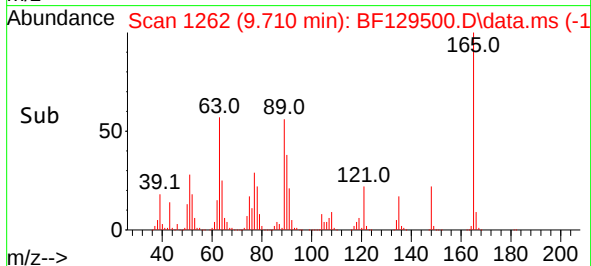
Tgt Ion:165 Resp: 286158  
Ion Ratio Lower Upper  
165 100  
63 57.0 44.9 67.3  
89 56.1 43.6 65.4

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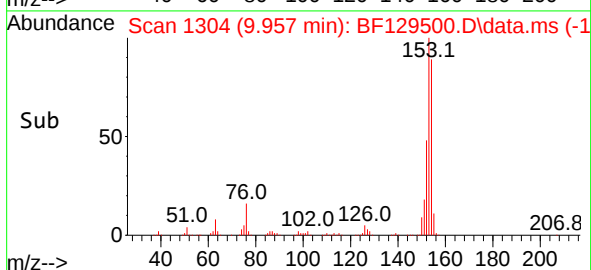
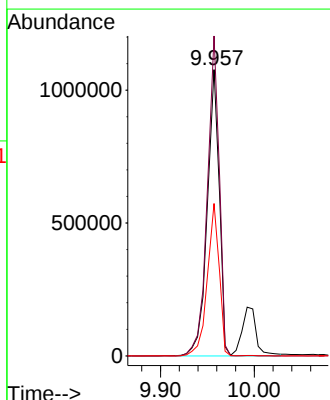
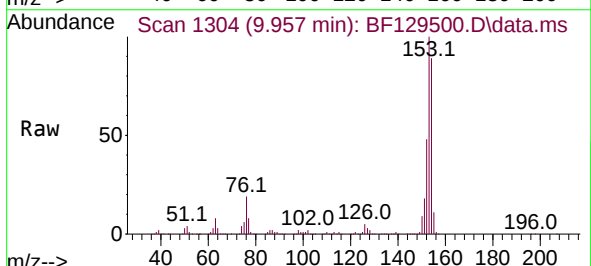
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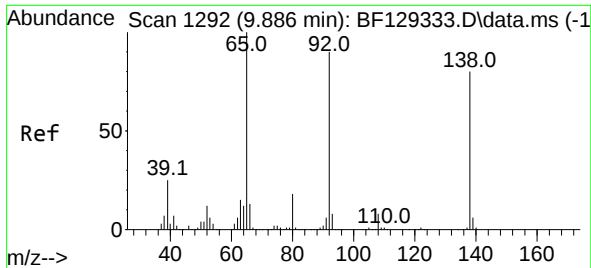
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#52  
Acenaphthene  
Concen: 44.018 ng m  
RT: 9.957 min Scan# 1304  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

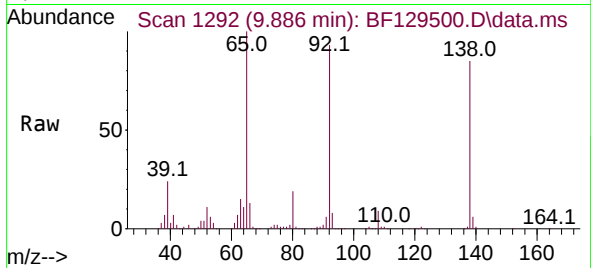
Tgt Ion:154 Resp: 1150930  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.6 134.4  
152 53.2 42.4 63.6





#53  
3-Nitroaniline  
Concen: 32.128 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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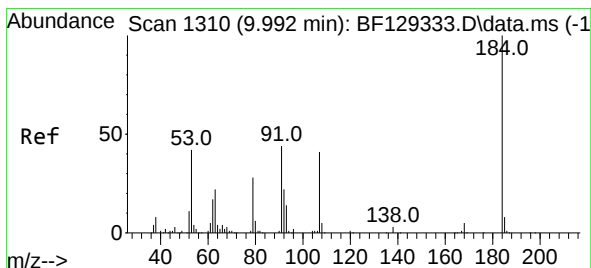
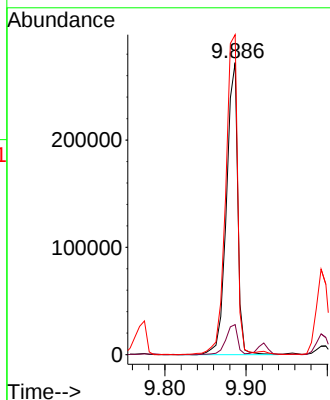
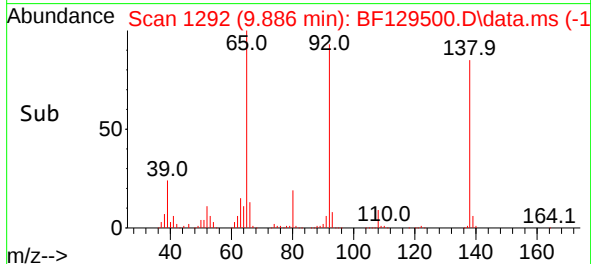
Tgt Ion:138 Resp: 261763  
Ion Ratio Lower Upper  
138 100  
108 10.3 10.9 16.3#  
92 109.5 98.2 147.2

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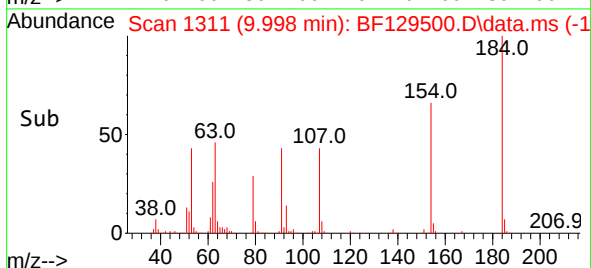
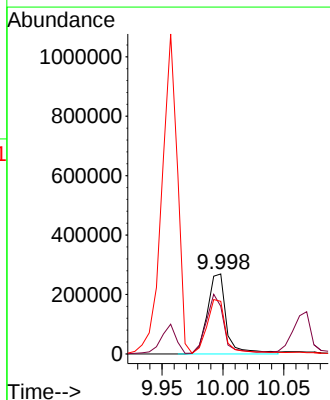
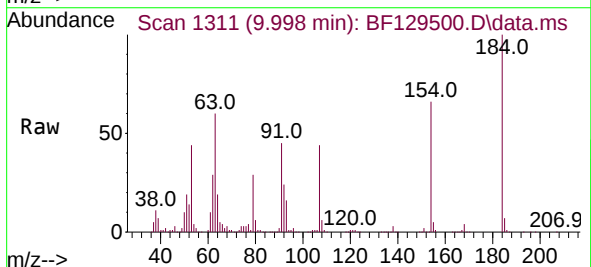
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Supervised By :Jagrut  
Upadhyay

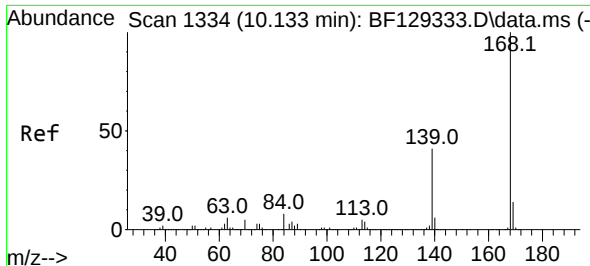
08/03/2022



#54  
2,4-Dinitrophenol  
Concen: 82.548 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. 0.018 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

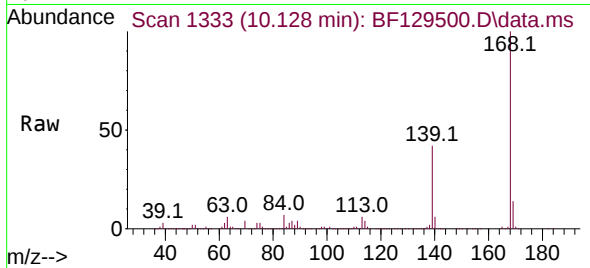
Tgt Ion:184 Resp: 290764  
Ion Ratio Lower Upper  
184 100  
63 59.6 64.5 96.7#  
154 65.7 50.6 75.8





#55  
Dibenzenofuran  
Concen: 40.478 ng  
RT: 10.128 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



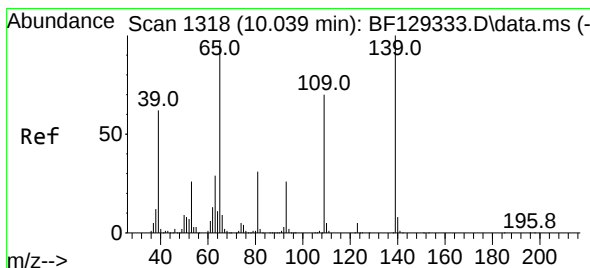
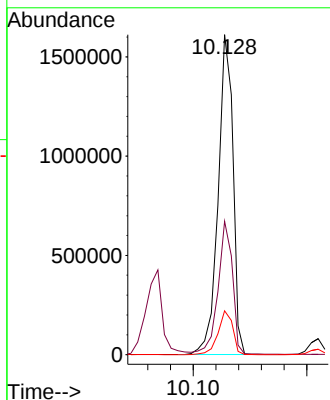
Tgt Ion:168 Resp: 1459005  
Ion Ratio Lower Upper  
168 100  
139 41.7 30.6 46.0  
169 13.7 11.0 16.6

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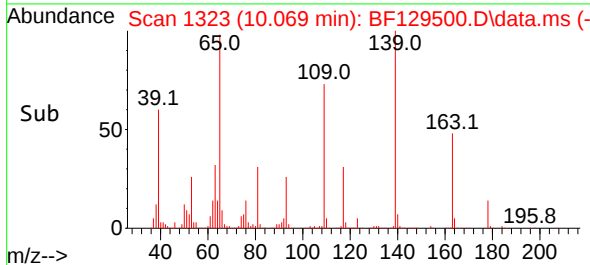
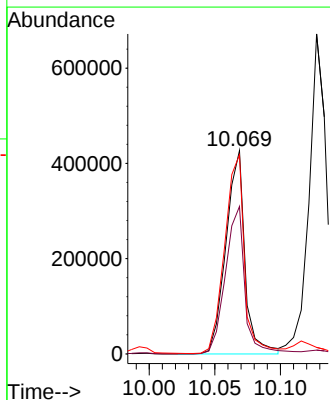
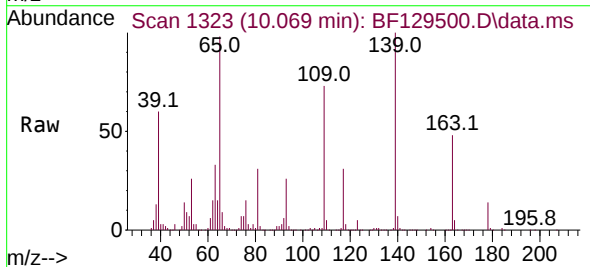
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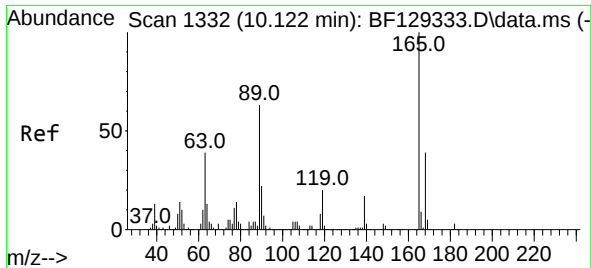
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#56  
4-Nitrophenol  
Concen: 71.918 ng  
RT: 10.069 min Scan# 1323  
Delta R.T. 0.024 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

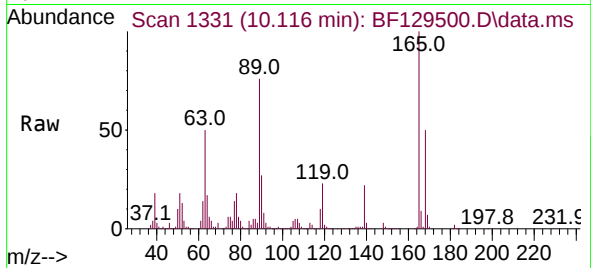
Tgt Ion:139 Resp: 432291  
Ion Ratio Lower Upper  
139 100  
109 72.5 50.7 90.7  
65 98.0 74.5 114.5





#57  
2,4-Dinitrotoluene  
Concen: 42.666 ng  
RT: 10.116 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



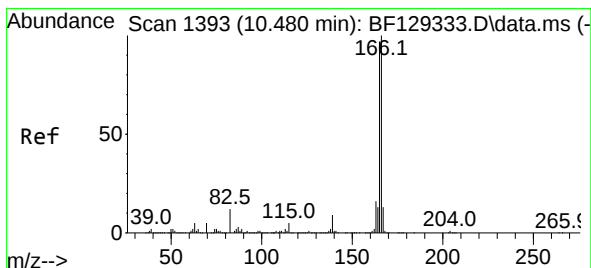
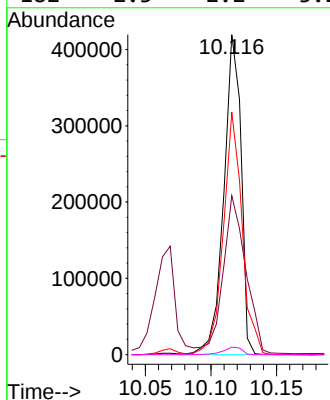
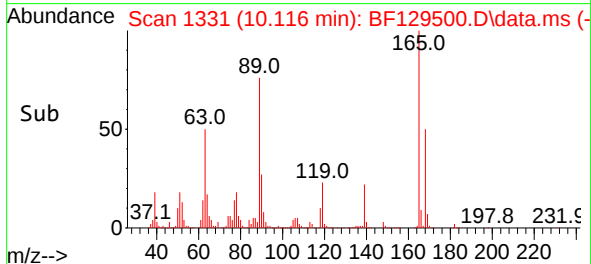
Tgt Ion:165 Resp: 384572  
Ion Ratio Lower Upper  
165 100  
63 49.7 39.8 59.6  
89 75.8 60.2 90.2  
182 2.3 2.2 3.2

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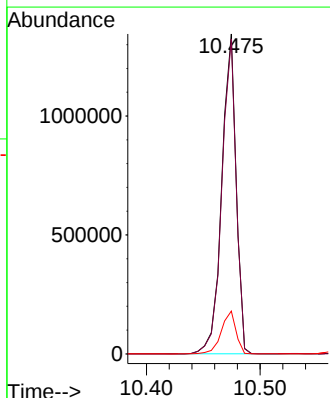
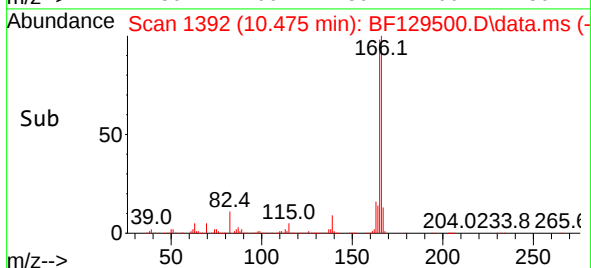
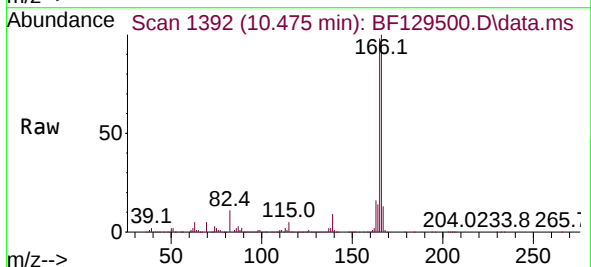
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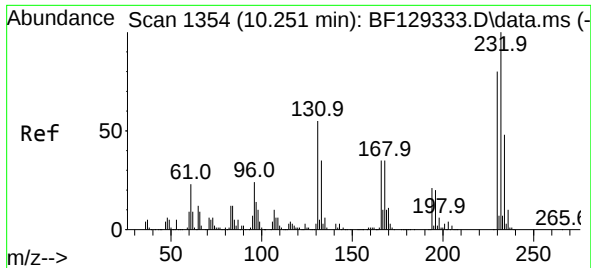
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#58  
Fluorene  
Concen: 40.878 ng  
RT: 10.475 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

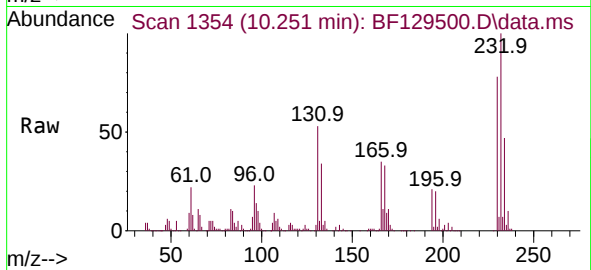
Tgt Ion:166 Resp: 1178909  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.1 117.1  
167 13.4 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.647 ng  
RT: 10.251 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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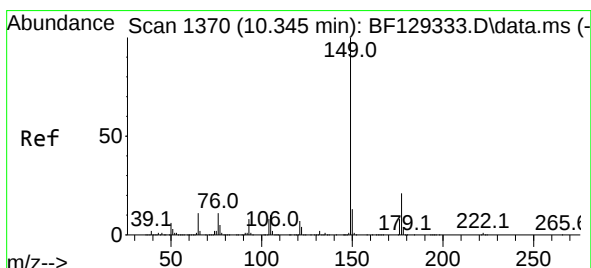
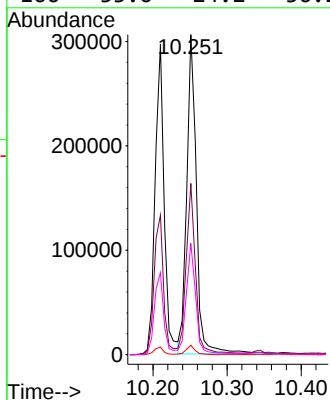
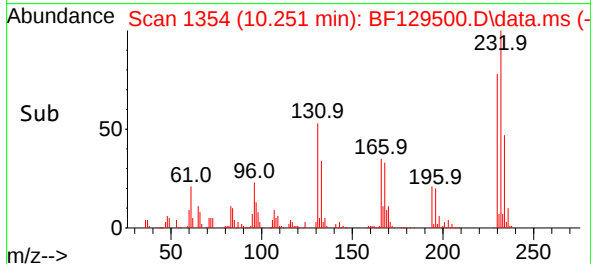
Tgt Ion:232 Resp: 276604  
Ion Ratio Lower Upper  
232 100  
131 51.2 36.1 54.1  
130 2.7 1.8 2.8  
166 33.6 24.2 36.2

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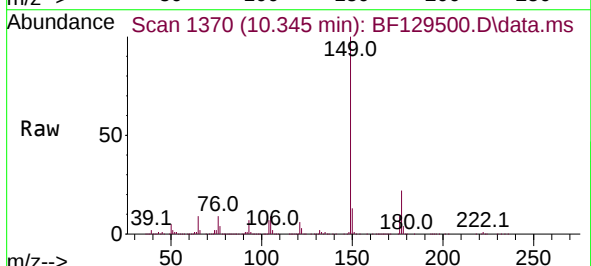
Reviewed By :Christian Giraldo 08/03/2022  
Supervised By :Jagrut Upadhyay 08/03/2022

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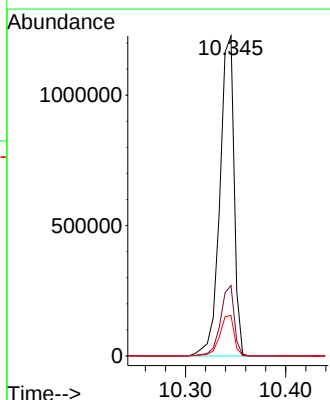
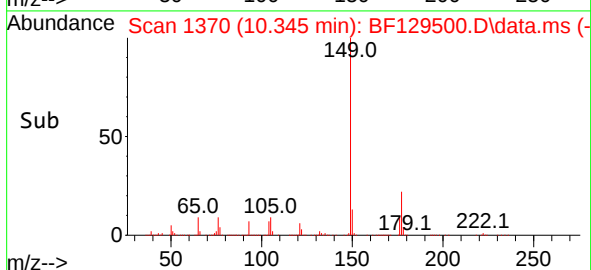
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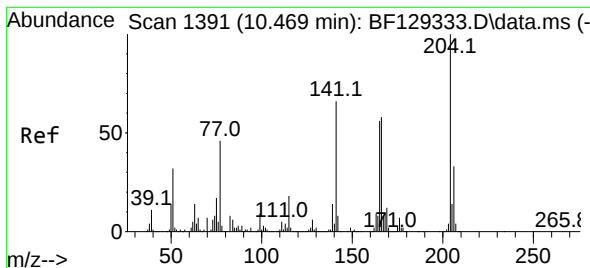


#60  
Diethylphthalate  
Concen: 40.585 ng  
RT: 10.345 min Scan# 1370  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



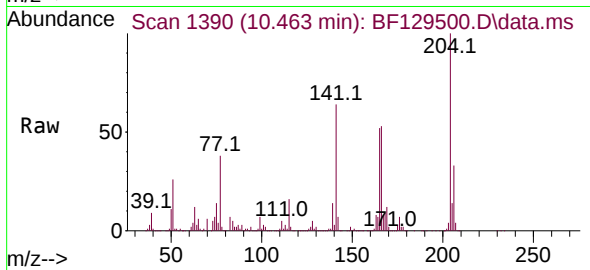
Tgt Ion:149 Resp: 1209476  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.3 25.9  
150 12.6 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 41.541 ng  
RT: 10.463 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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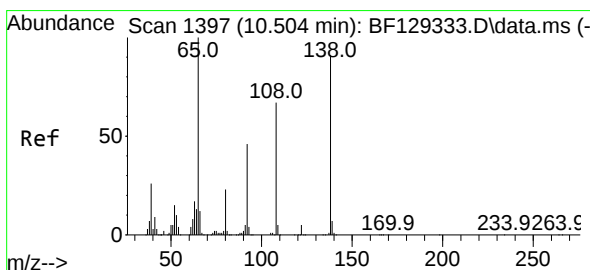
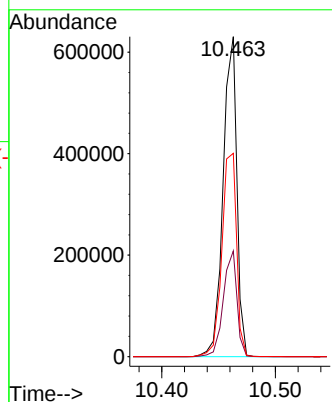
Tgt Ion:204 Resp: 528160  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 63.5 47.0 70.4

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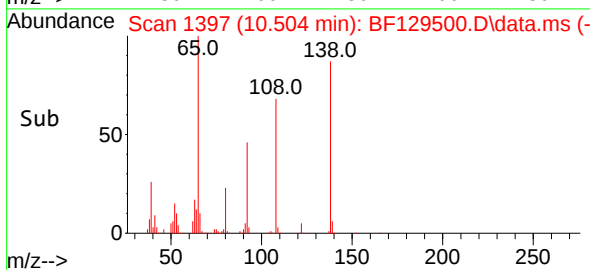
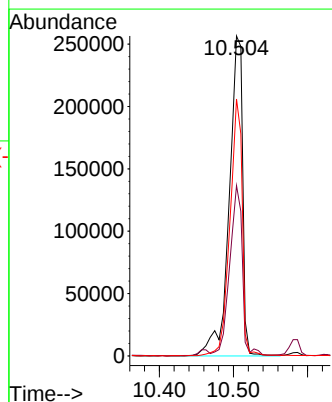
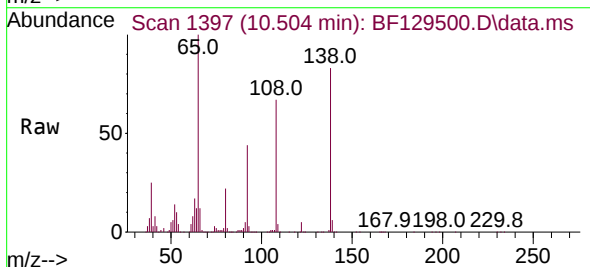
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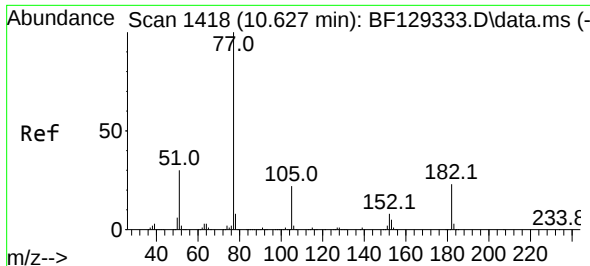
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#62  
4-Nitroaniline  
Concen: 39.968 ng  
RT: 10.504 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

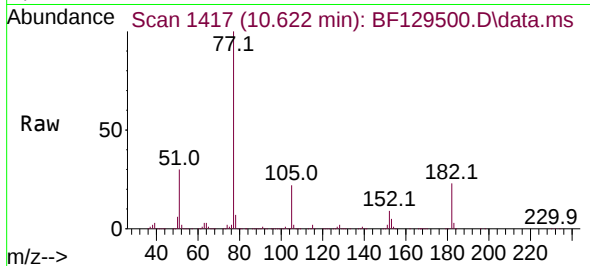
Tgt Ion:138 Resp: 323044  
Ion Ratio Lower Upper  
138 100  
92 53.2 33.5 73.5  
108 80.3 61.0 101.0





#63  
Azobenzene  
Concen: 39.102 ng  
RT: 10.622 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



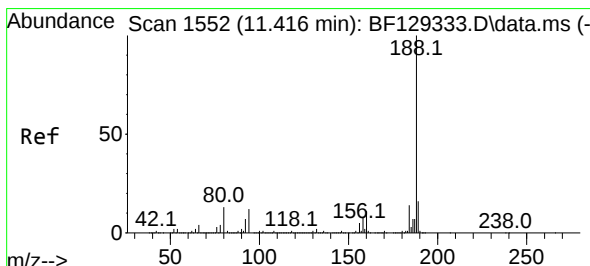
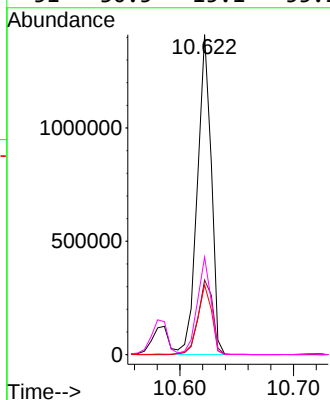
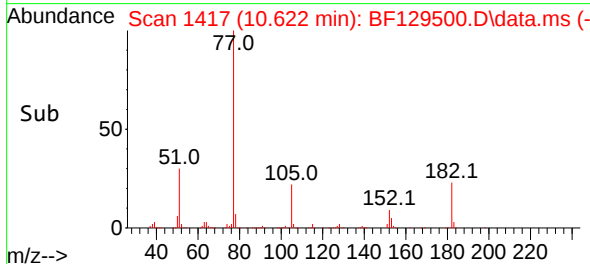
Tgt Ion: 77 Resp: 1188531  
Ion Ratio Lower Upper  
77 100  
182 23.3 5.6 45.6  
105 21.8 1.6 41.6  
51 30.5 15.1 55.1

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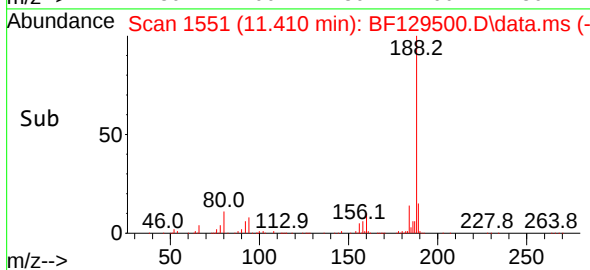
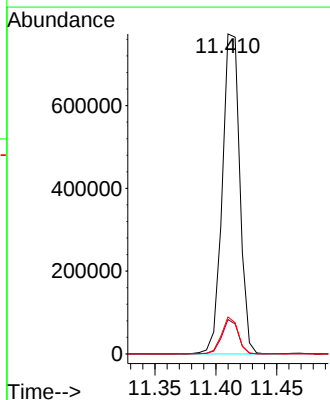
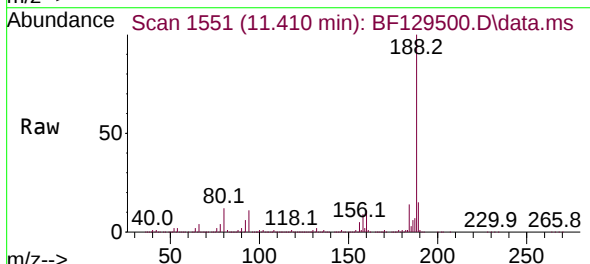
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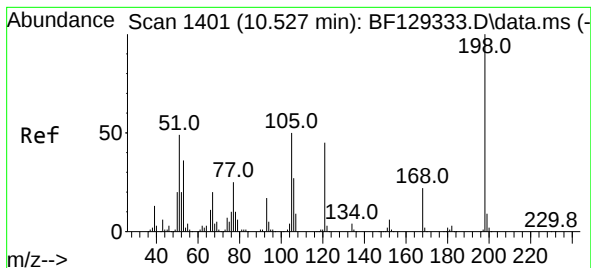
08/03/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1551  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

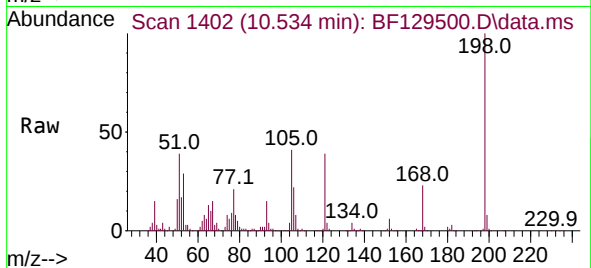
Tgt Ion:188 Resp: 771864  
Ion Ratio Lower Upper  
188 100  
94 10.7 7.0 10.6#  
80 11.5 7.6 11.4#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.230 ng  
RT: 10.534 min Scan# 1410  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



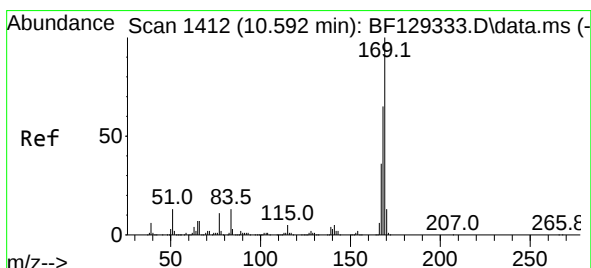
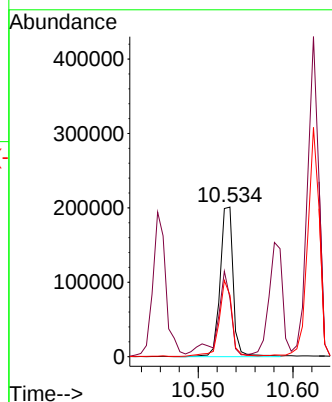
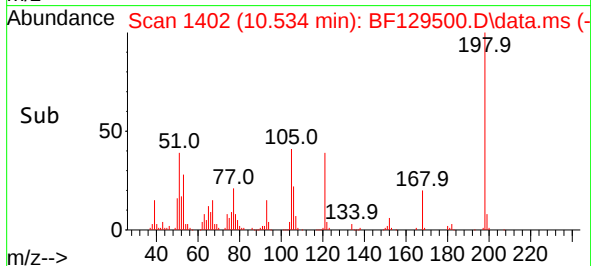
Tgt Ion:198 Resp: 191121  
Ion Ratio Lower Upper  
198 100  
51 39.0 37.6 77.6  
105 41.0 27.0 67.0

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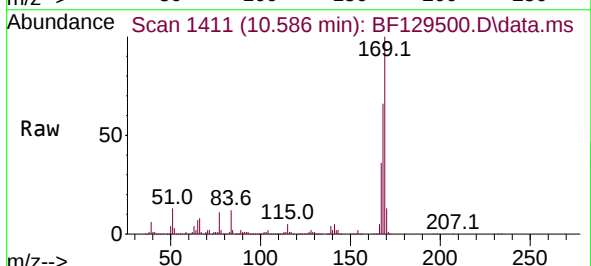
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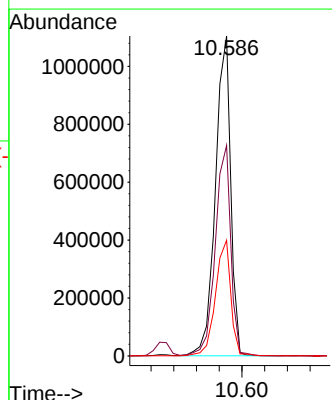
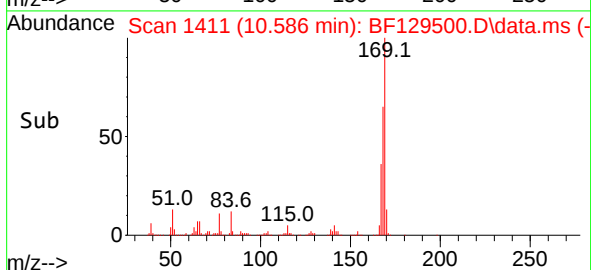
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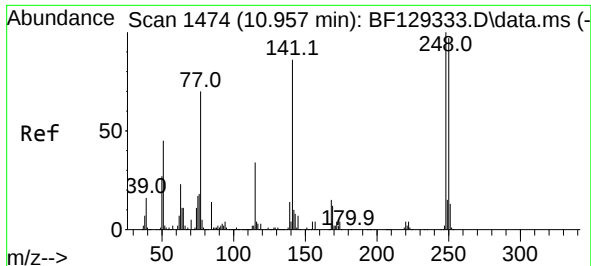


#66  
n-Nitrosodiphenylamine  
Concen: 40.047 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



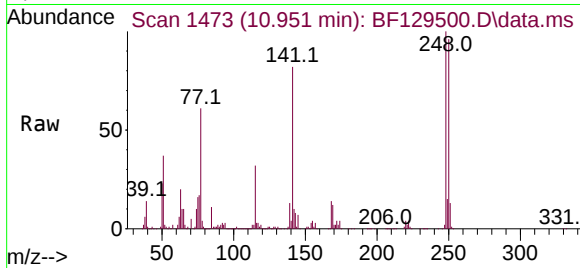
Tgt Ion:169 Resp: 1029406  
Ion Ratio Lower Upper  
169 100  
168 65.8 50.1 75.1  
167 36.1 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 40.428 ng  
RT: 10.951 min Scan# 1473  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
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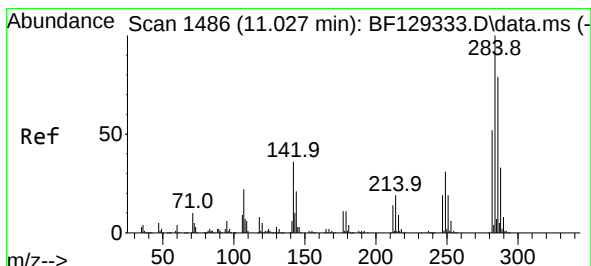
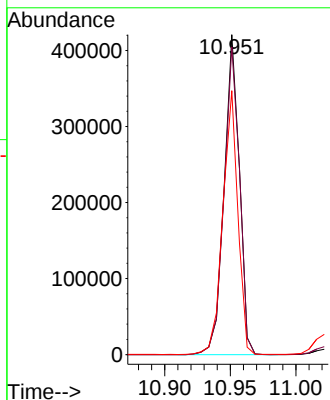
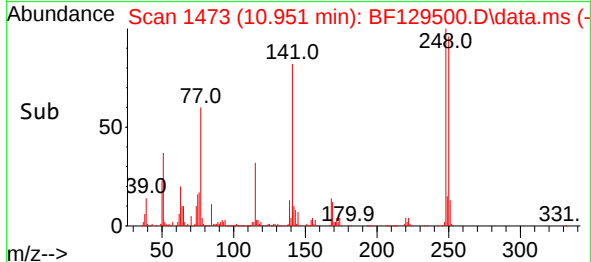
Tgt Ion:248 Resp: 341701  
Ion Ratio Lower Upper  
248 100  
250 96.2 80.6 120.8  
141 82.5 58.9 88.3

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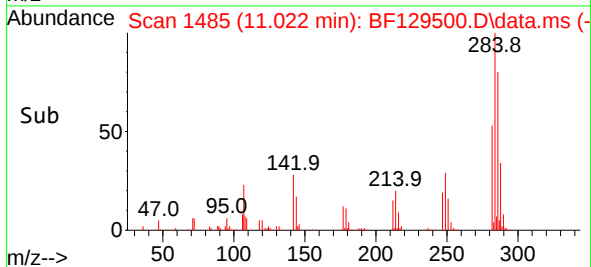
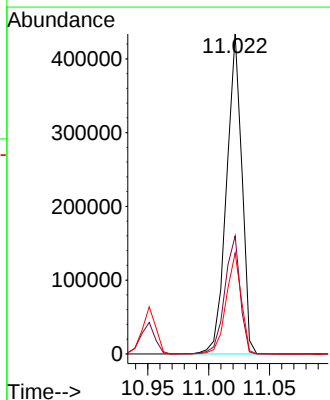
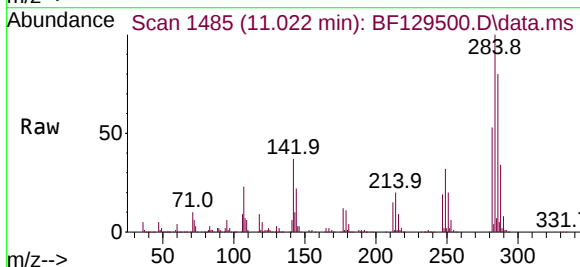
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Upadhyay

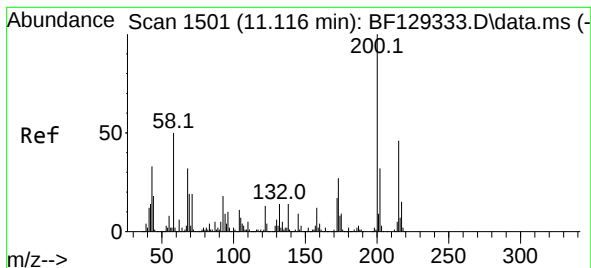
08/03/2022



#68  
Hexachlorobenzene  
Concen: 41.447 ng  
RT: 11.022 min Scan# 1485  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:284 Resp: 379576  
Ion Ratio Lower Upper  
284 100  
142 36.9 29.0 43.4  
249 31.6 25.0 37.6





#69

Atrazine

Concen: 44.748 ng

RT: 11.110 min Scan# 1500

Delta R.T. 0.006 min

Lab File: BF129500.D

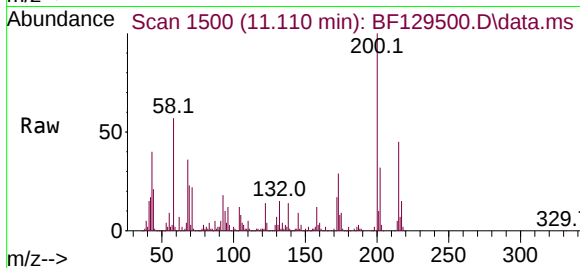
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

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Tgt Ion:200 Resp: 34938

Ion Ratio Lower Upper

200 100

173 28.8 6.3 46.3

215 44.7 28.3 68.3

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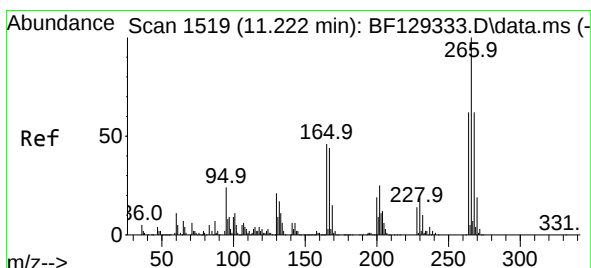
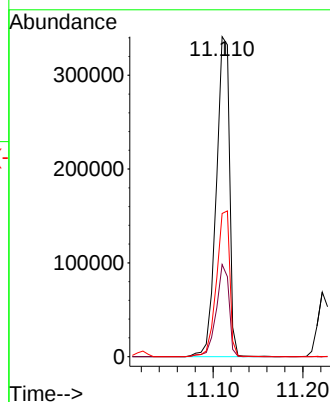
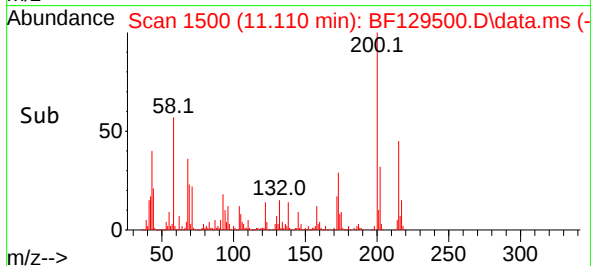
Reviewed By :Christian Giraldo 08/03/2022

Supervised By :Jagrut Upadhyay 08/03/2022

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Upadhyay

08/03/2022



#70

Pentachlorophenol

Concen: 70.798 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.012 min

Lab File: BF129500.D

Acq: 02 Aug 2022 10:54

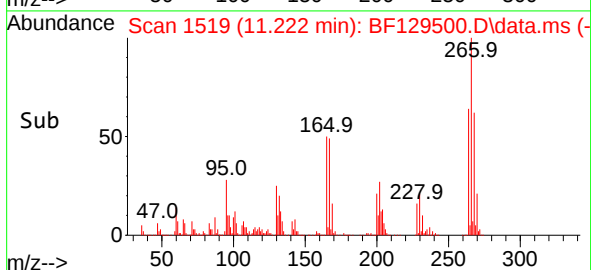
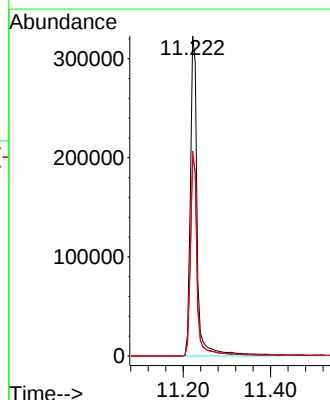
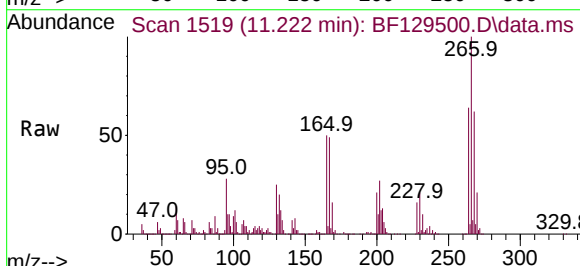
Tgt Ion:266 Resp: 352478

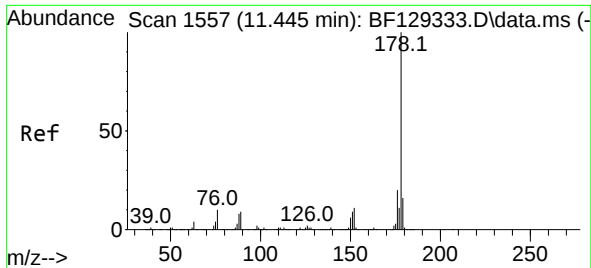
Ion Ratio Lower Upper

266 100

268 62.5 51.0 76.4

264 64.0 49.4 74.2





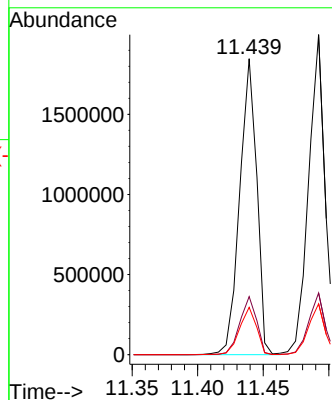
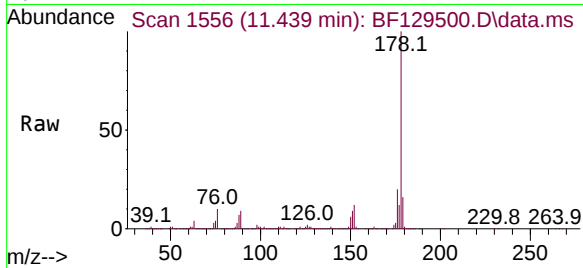
#71  
Phenanthrene  
Concen: 39.589 ng  
RT: 11.439 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS

Tgt Ion:178 Resp: 1668038  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 16.0 12.6 19.0

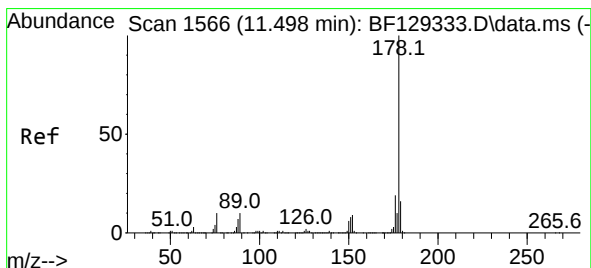
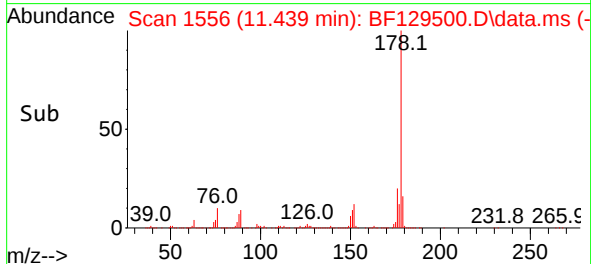
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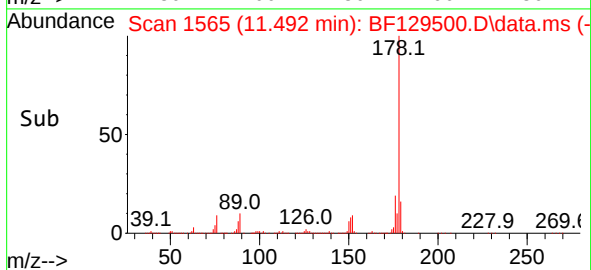
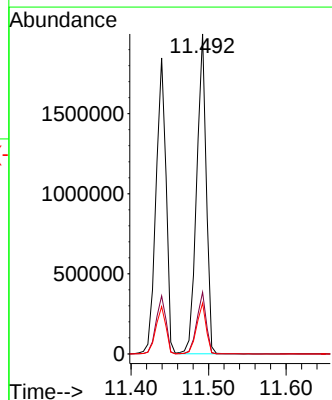
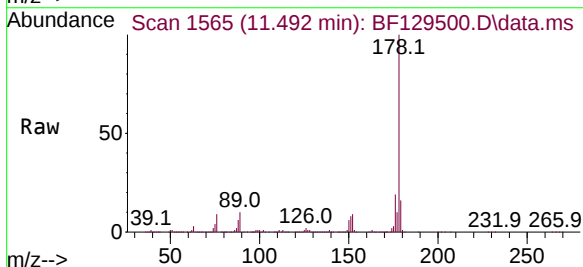
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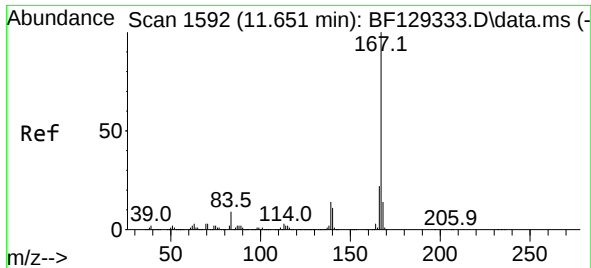
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#72  
Anthracene  
Concen: 41.308 ng  
RT: 11.492 min Scan# 1565  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

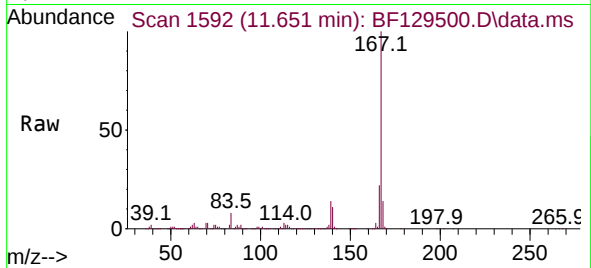
Tgt Ion:178 Resp: 1710384  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.9 12.6 19.0





#73  
 Carbazole  
 Concen: 41.821 ng  
 RT: 11.651 min Scan# 1592  
 Delta R.T. 0.012 min  
 Lab File: BF129500.D  
 Acq: 02 Aug 2022 10:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146602BS



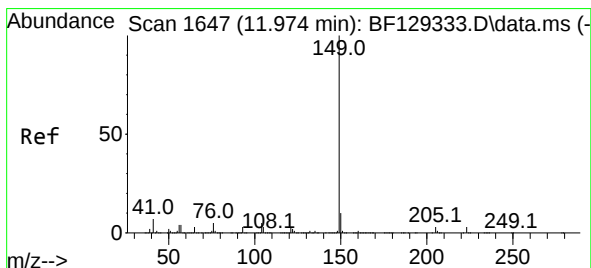
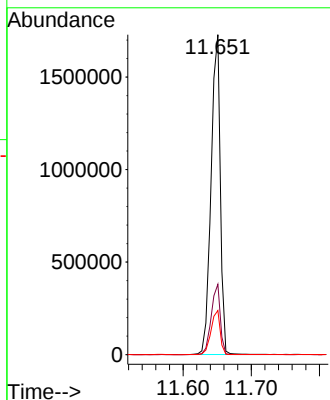
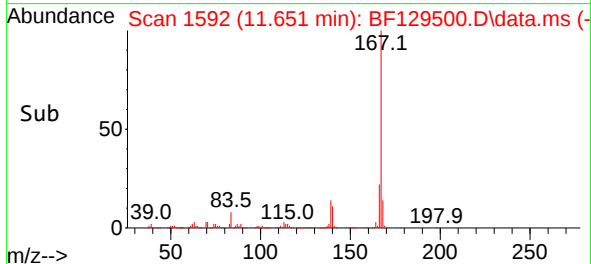
Tgt Ion:167 Resp: 1630066  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.7 26.5  
 139 13.8 11.2 16.8

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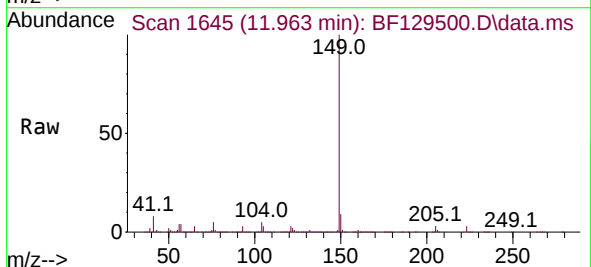
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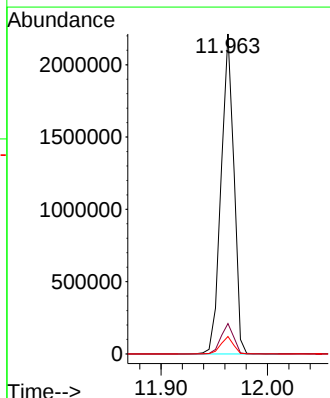
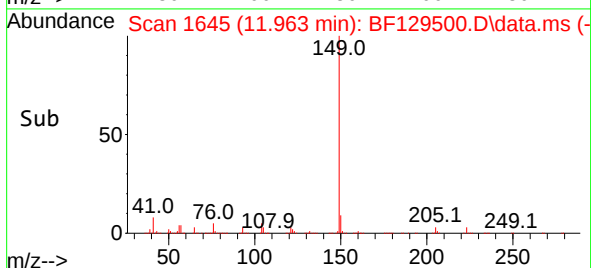
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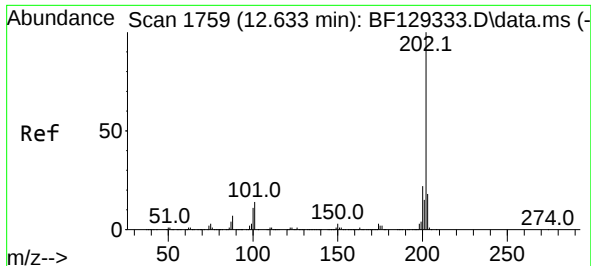


#74  
 Di-n-butylphthalate  
 Concen: 39.922 ng  
 RT: 11.963 min Scan# 1645  
 Delta R.T. 0.006 min  
 Lab File: BF129500.D  
 Acq: 02 Aug 2022 10:54



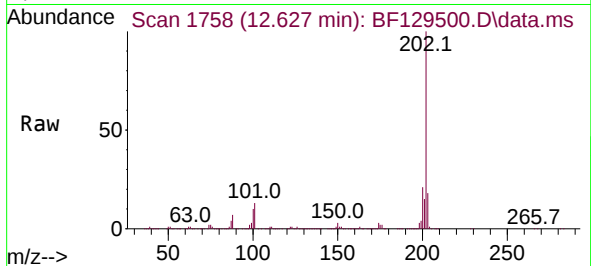
Tgt Ion:149 Resp: 1853067  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 5.4 4.4 6.6





#75  
Fluoranthene  
Concen: 40.837 ng  
RT: 12.627 min Scan# 1759  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



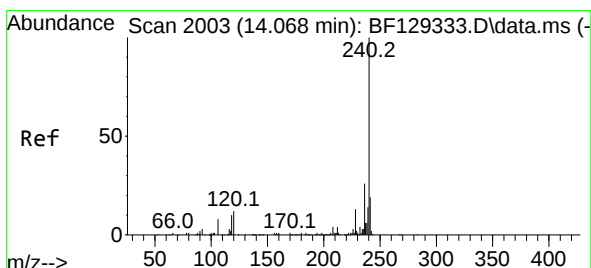
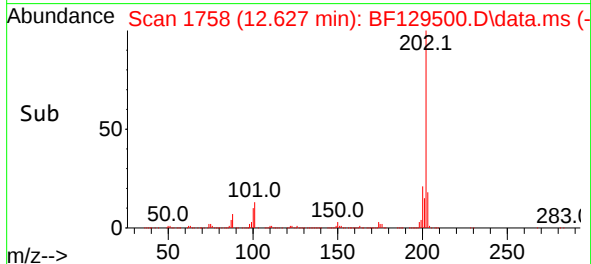
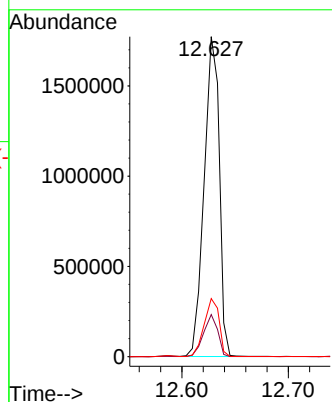
Tgt Ion:202 Resp: 1743395  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 31.4  
203 18.1 0.0 38.0

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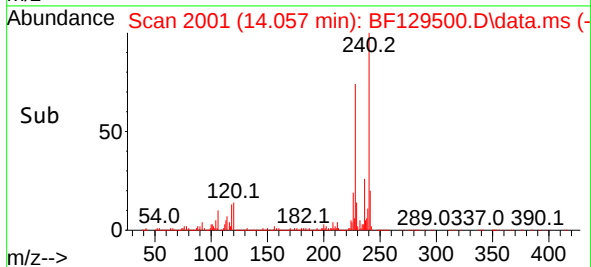
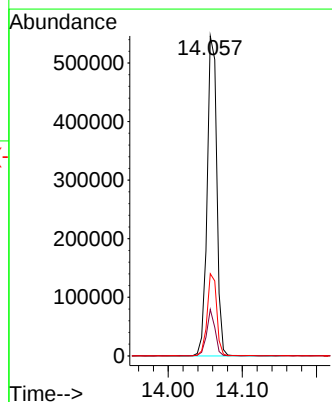
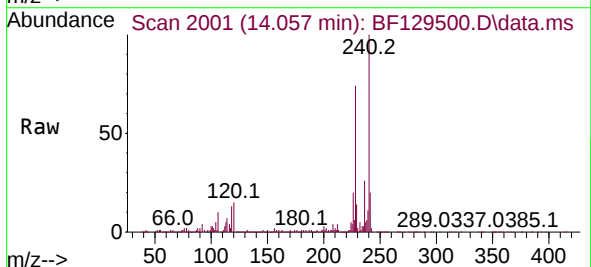
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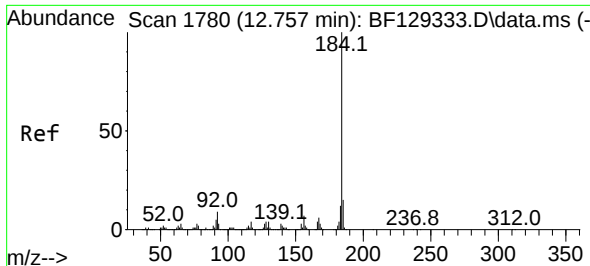
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

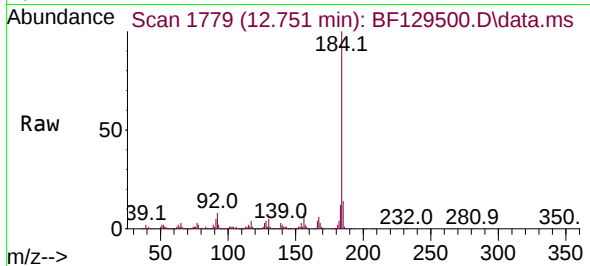
Tgt Ion:240 Resp: 491291  
Ion Ratio Lower Upper  
240 100  
120 14.5 8.9 13.3#  
236 25.7 20.8 31.2





#77  
Benzidine  
Concen: 57.043 ng  
RT: 12.751 min Scan# 1779  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



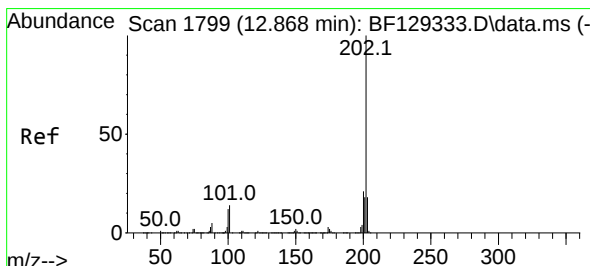
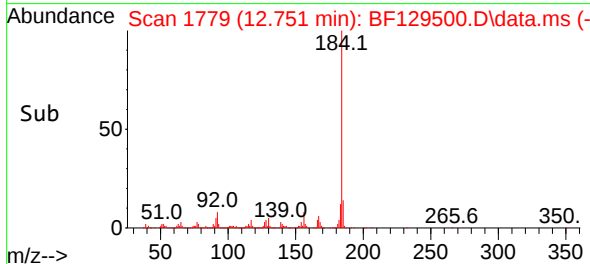
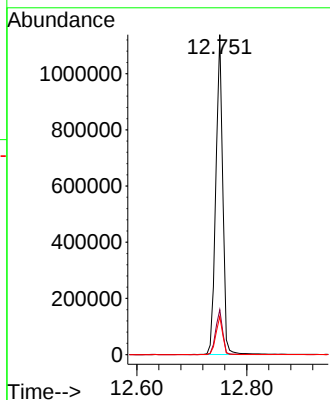
Tgt Ion:184 Resp: 990047  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.9 17.9  
183 11.9 9.3 13.9

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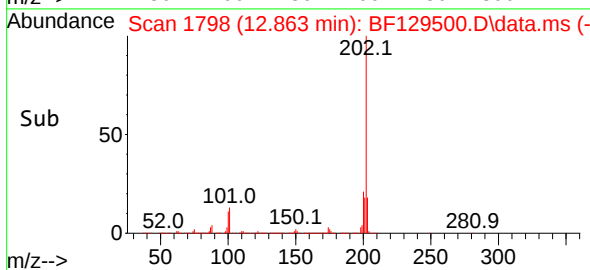
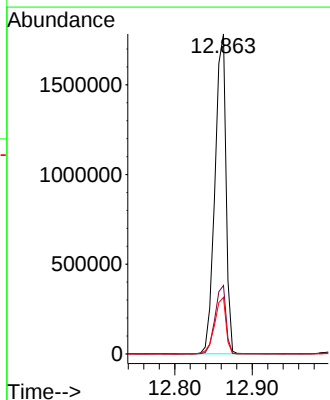
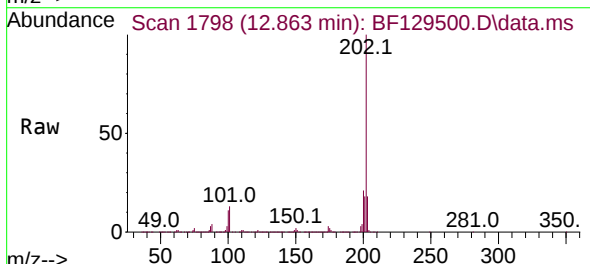
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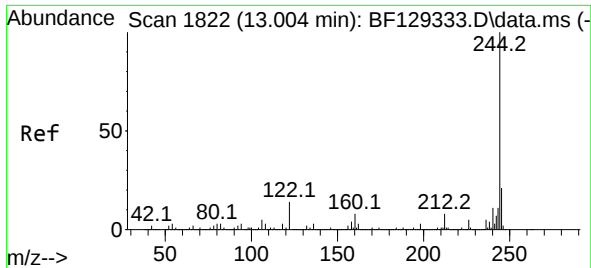
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#78  
Pyrene  
Concen: 42.847 ng  
RT: 12.863 min Scan# 1798  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

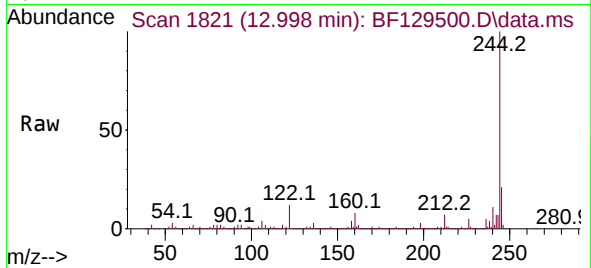
Tgt Ion:202 Resp: 1760301  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.7 26.5  
203 17.7 14.6 21.8





#79  
Terphenyl-d14  
Concen: 93.465 ng  
RT: 12.998 min Scan# 1822  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



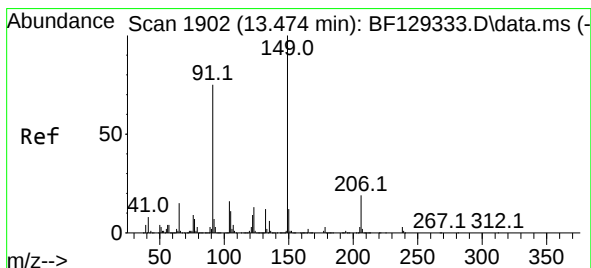
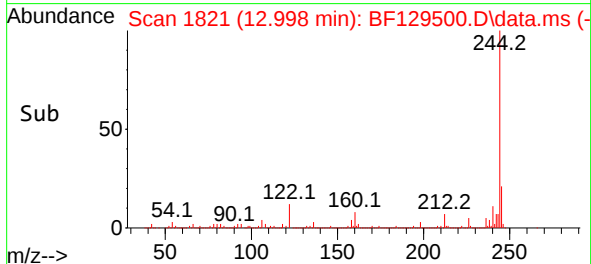
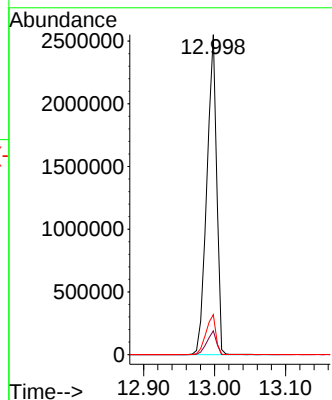
Tgt Ion:244 Resp: 2433945  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.1 9.1  
122 12.5 8.8 13.2

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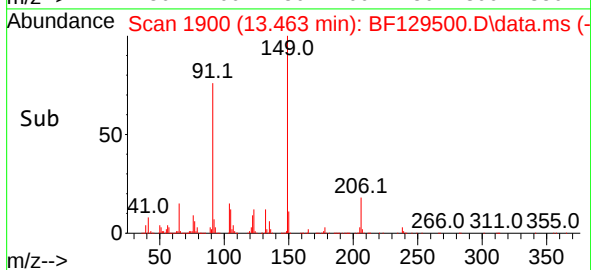
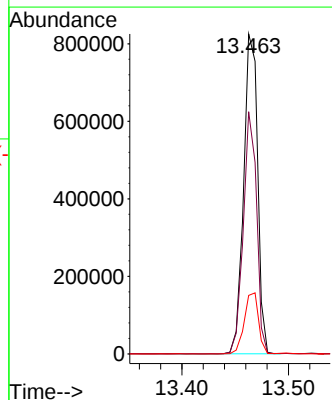
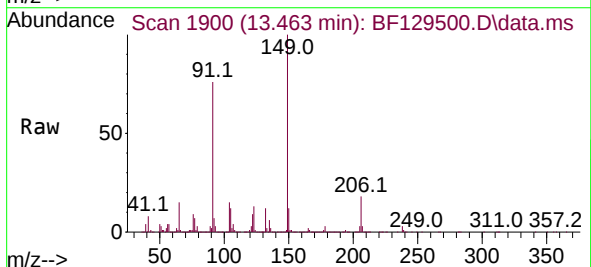
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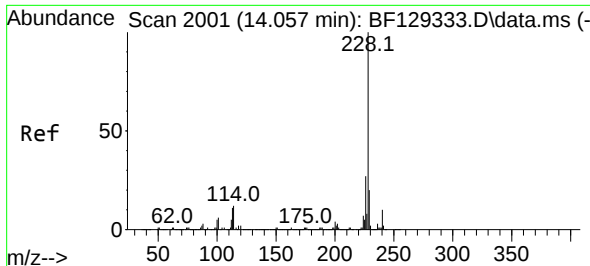
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#80  
Butylbenzylphthalate  
Concen: 41.968 ng  
RT: 13.463 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

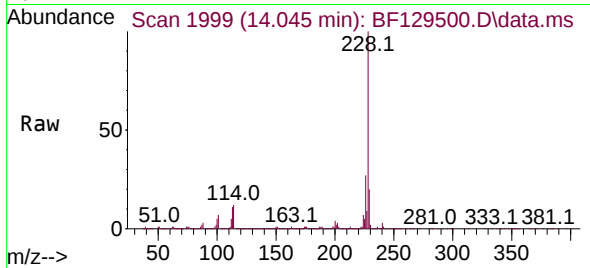
Tgt Ion:149 Resp: 747858  
Ion Ratio Lower Upper  
149 100  
91 75.7 61.2 91.8  
206 18.3 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 41.244 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

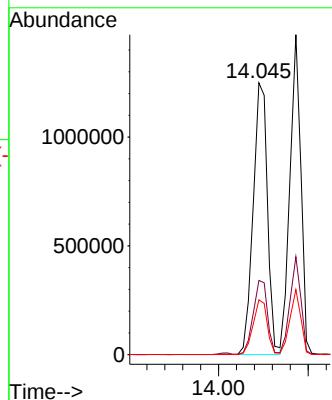
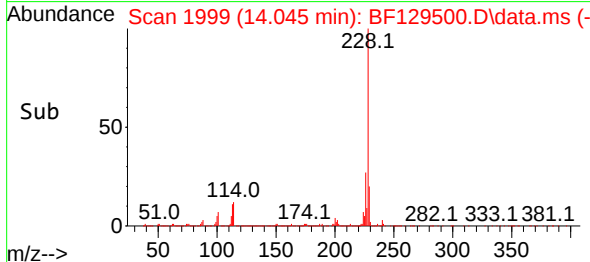
Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



Tgt Ion:228 Resp: 1384139  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.1 33.1  
229 20.2 15.8 23.8

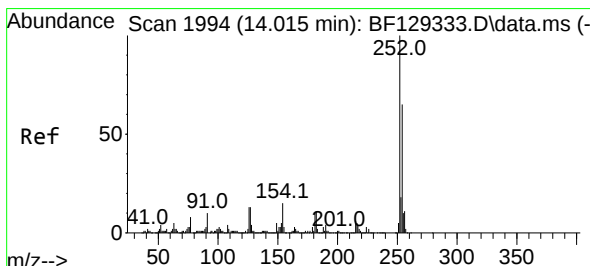
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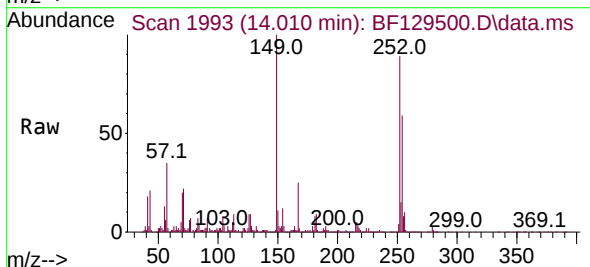


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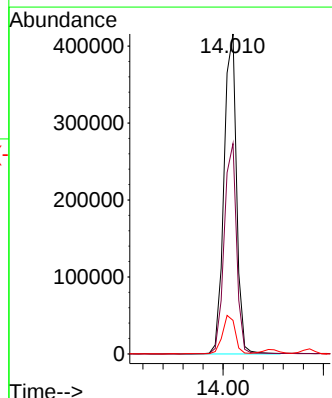
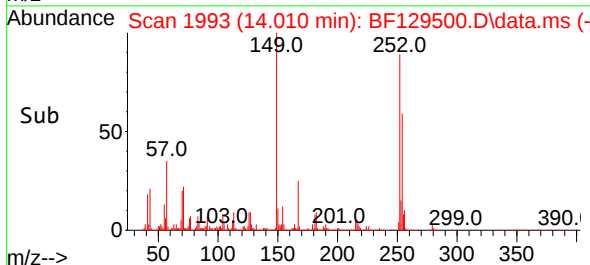
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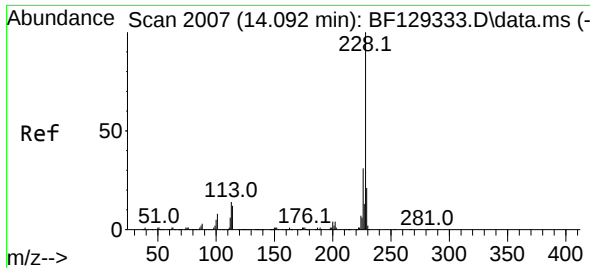


#82  
3,3'-Dichlorobenzidine  
Concen: 32.791 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



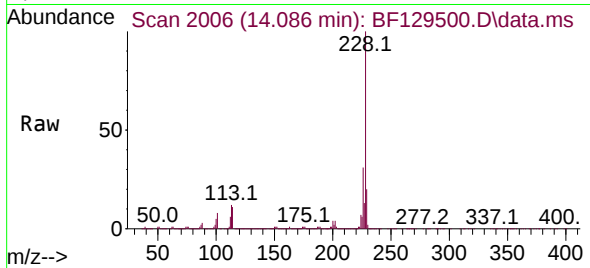
Tgt Ion:252 Resp: 363334  
Ion Ratio Lower Upper  
252 100  
254 65.7 50.2 75.4  
126 10.5 8.2 12.4





#83  
Chrysene  
Concen: 39.393 ng  
RT: 14.086 min Scan# 2007  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

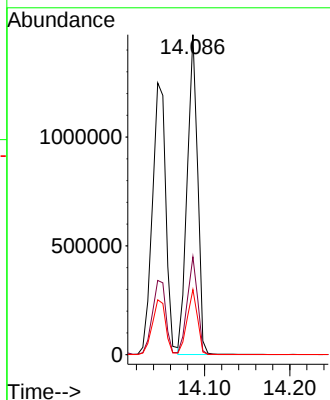
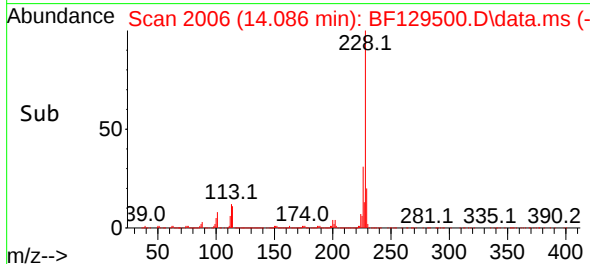
Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



Tgt Ion:228 Resp: 1245966  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.3 36.5  
229 20.3 15.9 23.9

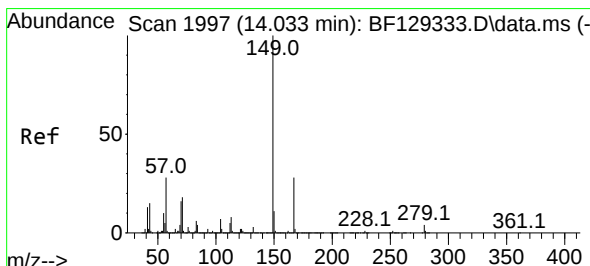
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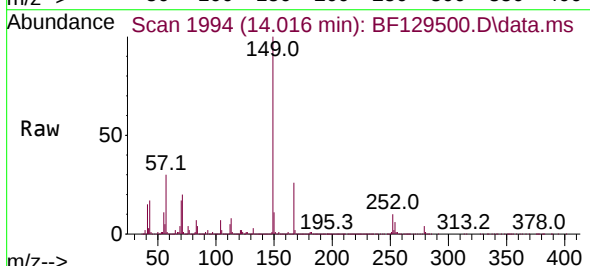


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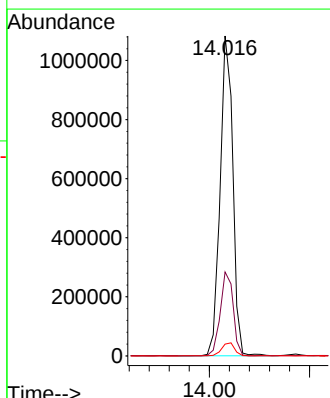
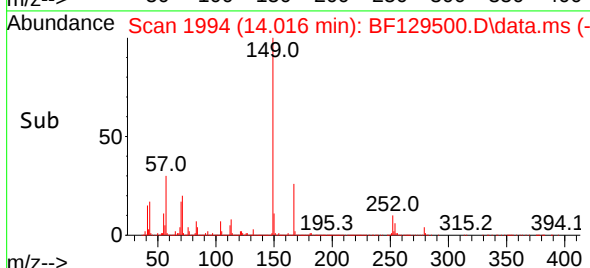
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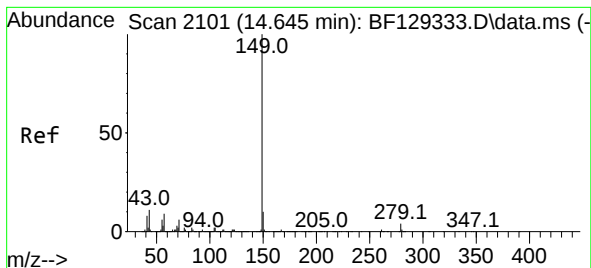


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.597 ng  
RT: 14.016 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54



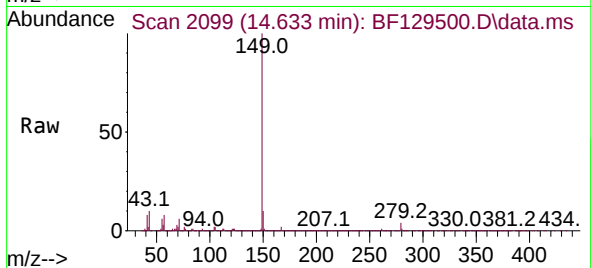
Tgt Ion:149 Resp: 952417  
Ion Ratio Lower Upper  
149 100  
167 26.3 21.0 31.4  
279 3.7 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 41.337 ng  
RT: 14.633 min Scan# 2099  
Delta R.T. 0.012 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS



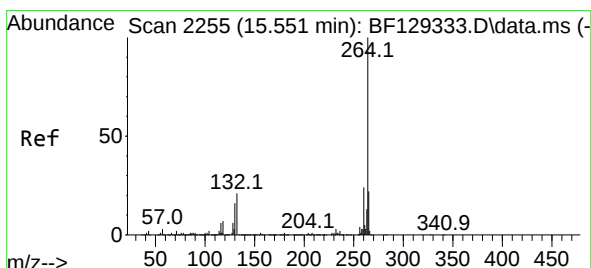
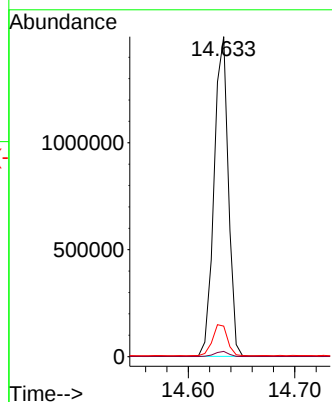
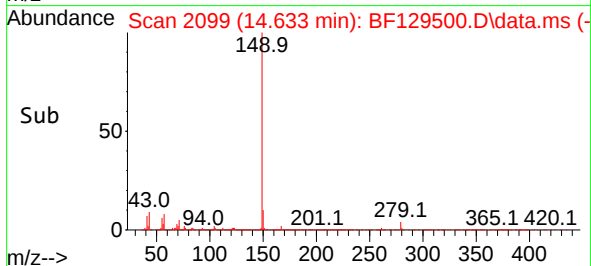
Tgt Ion:149 Resp: 1395517  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.1 9.2 13.8

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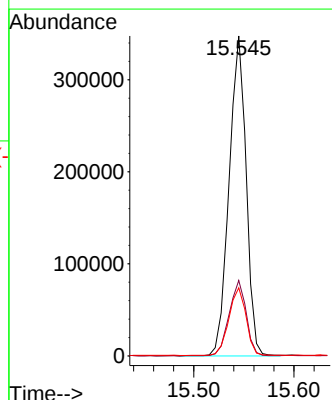
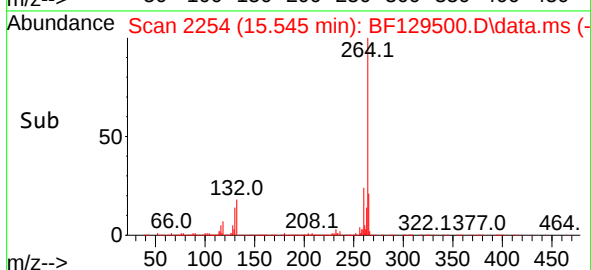
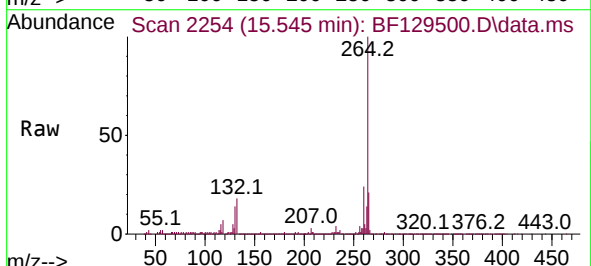
08/03/2022  
Supervised By :Jagrut  
Upadhyay

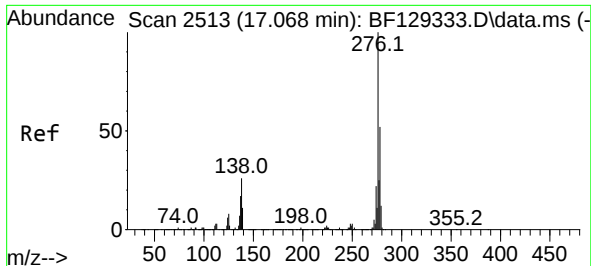
08/03/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2254  
Delta R.T. 0.018 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:264 Resp: 411977  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.4 27.6  
265 21.3 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.242 ng  
RT: 17.062 min Scan# 2180  
Delta R.T. 0.029 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

PB146602BS

Tgt Ion:276 Resp: 114416  
Ion Ratio Lower Upper  
276 100  
138 25.4 21.1 31.7  
277 25.4 20.3 30.5

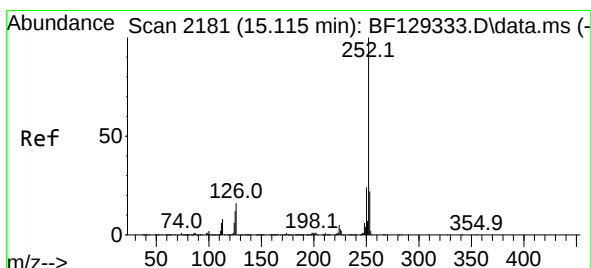
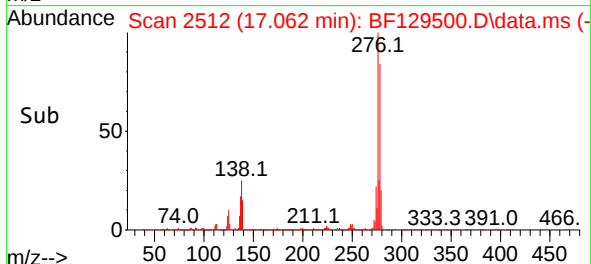
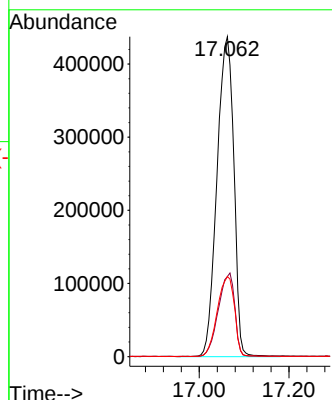
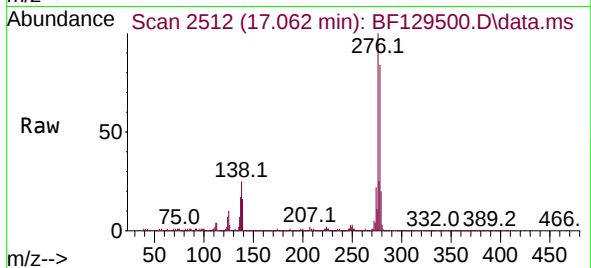
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Reviewed By :Christian Giraldo 08/03/2022  
Supervised By :Jagrut Upadhyay 08/03/2022

08/03/2022

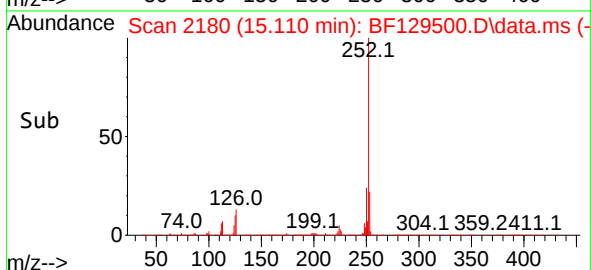
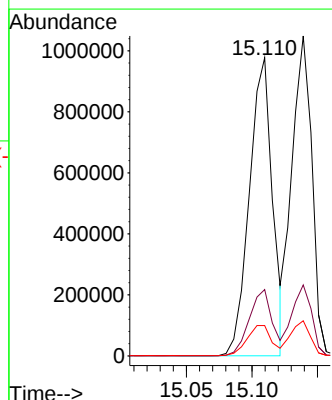
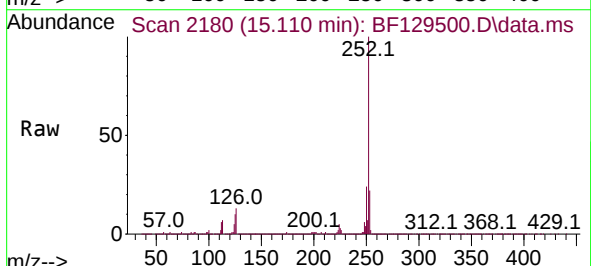
Supervised By :Jagrut  
Upadhyay

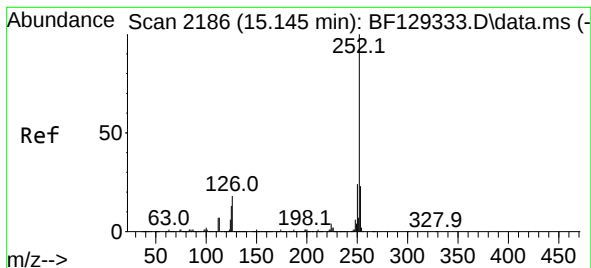
08/03/2022



#88  
Benzo(b)fluoranthene  
Concen: 43.865 ng  
RT: 15.110 min Scan# 2180  
Delta R.T. 0.018 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:252 Resp: 1198721  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.668 ng

RT: 15.139 min Scan# 2186

Delta R.T. 0.018 min

Lab File: BF129500.D

Acq: 02 Aug 2022 10:54

Instrument :

BNA\_F

ClientSampleId :

PB146602BS

Tgt Ion:252 Resp: 1115890

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.0 8.3 12.5

Manual Integrations

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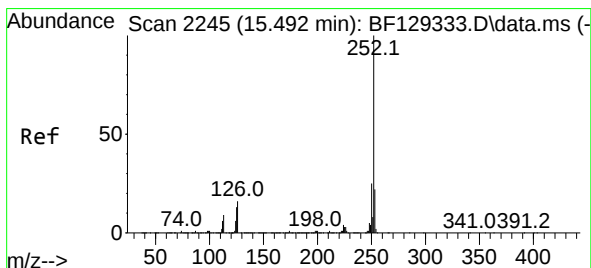
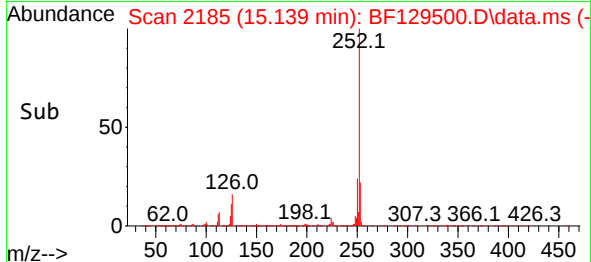
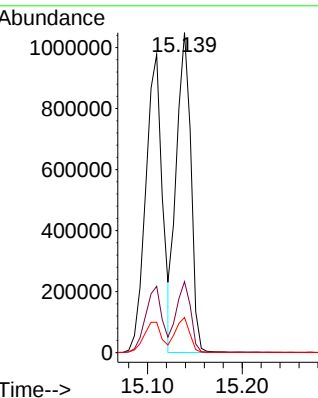
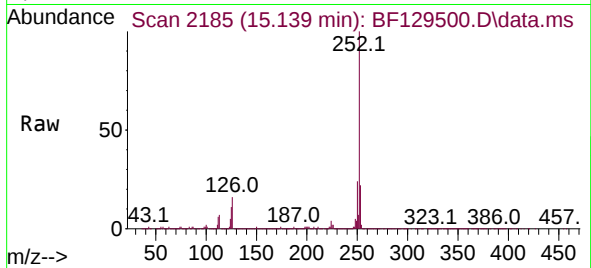
Reviewed By :Christian Giraldo 08/03/2022

Supervised By :Jagrut Upadhyay 08/03/2022

08/03/2022

Supervised By :Jagrut Upadhyay

08/03/2022



#90

Benzo(a)pyrene

Concen: 45.034 ng

RT: 15.486 min Scan# 2244

Delta R.T. 0.018 min

Lab File: BF129500.D

Acq: 02 Aug 2022 10:54

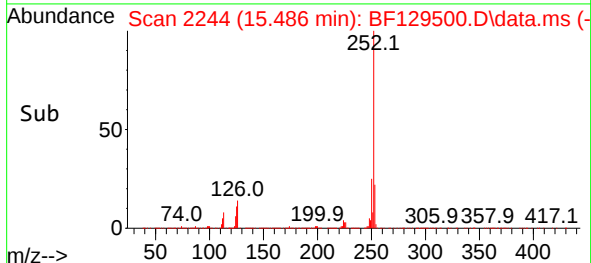
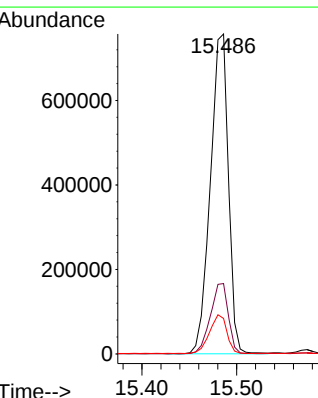
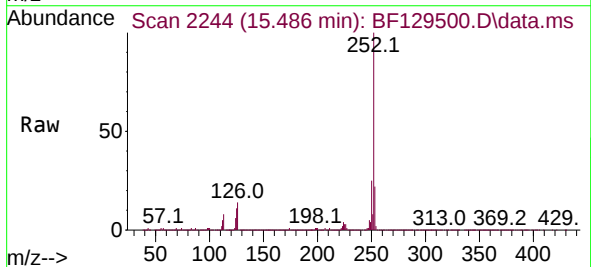
Tgt Ion:252 Resp: 999041

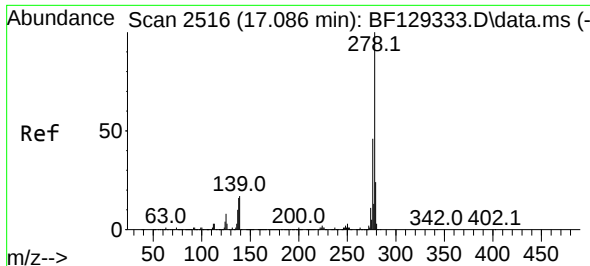
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.1 8.8 13.2





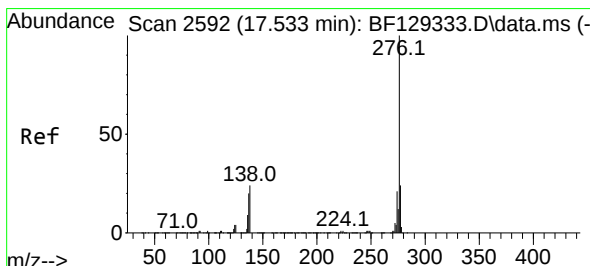
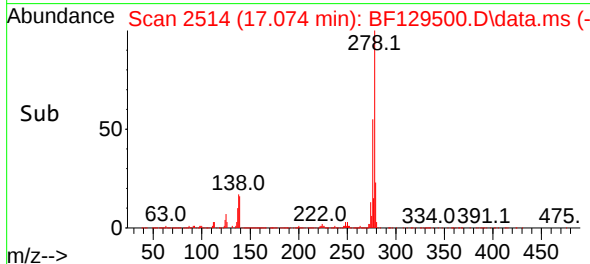
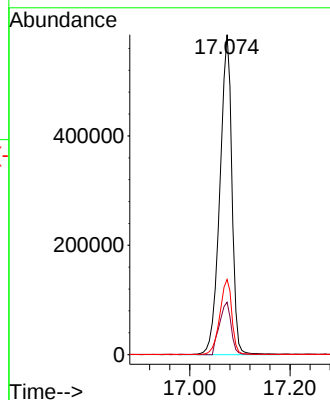
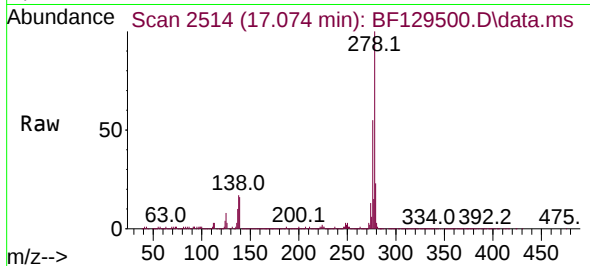
#91  
Dibenzo(a,h)anthracene  
Concen: 43.182 ng  
RT: 17.074 min Scan# 2514  
Delta R.T. 0.029 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB146602BS

Tgt Ion:278 Resp: 975055  
Ion Ratio Lower Upper  
278 100  
139 16.4 12.8 19.2  
279 23.5 18.6 28.0

Manual Integrations  
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Reviewed By :Christian Giraldo 08/03/2022  
Supervised By :Jagrut Upadhyay 08/03/2022



#92  
Benzo(g,h,i)perylene  
Concen: 43.595 ng  
RT: 17.521 min Scan# 2590  
Delta R.T. 0.029 min  
Lab File: BF129500.D  
Acq: 02 Aug 2022 10:54

Tgt Ion:276 Resp: 1005888  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.1 28.7  
138 21.7 18.0 27.0

