

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
 Data File : BF129721.D  
 Acq On : 11 Aug 2022 18:23  
 Operator : CG\JU  
 Sample : N4017-06MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB07MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022  
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:00:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 23:50:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 153372   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 628212   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 332816   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 546742   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 262670   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.480 | 264  | 303230   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 1147861  | 121.917 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.492  | 99   | 1442088  | 121.857 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 926558   | 80.513  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 386885   | 120.910 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1611100  | 74.885  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 1398297  | 100.430 | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 178288   | 41.970  | ng    | 88       |
| 3) Pyridine                   | 3.446  | 79   | 477215   | 40.453  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.404  | 42   | 245518   | 47.395  | ng    | 95       |
| 6) Aniline                    | 6.504  | 93   | 642174   | 43.650  | ng    | # 22     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 535077   | 52.019  | ng    | 96       |
| 9) Benzaldehyde               | 6.387  | 77   | 367622   | 45.743  | ng    | 97       |
| 10) Phenol                    | 6.504  | 94   | 631514m  | 50.111  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 497548   | 49.782  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 551146   | 49.959  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 555062   | 49.473  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 522810   | 50.696  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 451656   | 52.623  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 642539   | 42.769  | ng    | # 1      |
| 17) 2-Methylphenol            | 7.104  | 107  | 426618   | 49.994  | ng    | # 89     |
| 18) Hexachloroethane          | 7.339  | 117  | 208145   | 49.269  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 364381   | 50.860  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.257  | 107  | 547805   | 50.489  | ng    | # 85     |
| 22) Acetophenone              | 7.245  | 105  | 744562   | 50.907  | ng    | 98       |
| 24) Nitrobenzene              | 7.422  | 77   | 548286   | 46.267  | ng    | 96       |
| 25) Isophorone                | 7.657  | 82   | 1001796  | 48.564  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.734  | 139  | 288023   | 49.266  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 483767m  | 55.165  | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 616310   | 51.503  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 439463   | 48.553  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 440662   | 47.035  | ng    | 97       |
| 31) Naphthalene               | 8.139  | 128  | 1506581  | 47.203  | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 42933    | 6.772   | ng    | 98       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 576227   | 43.974  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 262639   | 49.317  | ng    | 97       |
| 35) Caprolactam               | 8.575  | 113  | 137888m  | 46.858  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 486140   | 50.640  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 998395   | 48.135  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 945128   | 47.203  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 439611   | 50.304  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 314933   | 80.930  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 284966   | 44.896  | ng    | 98       |

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Manual Integrations  
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 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:00:22 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 23:50:03 2022  
 Response via : Initial Calibration

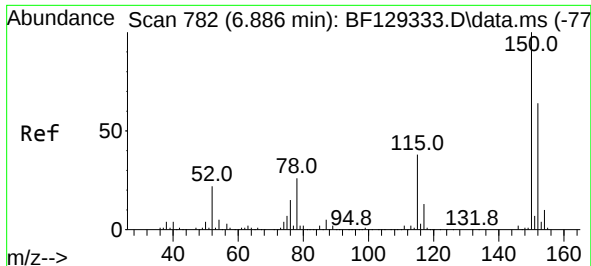
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 298607   | 43.261 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 1216685  | 50.092 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 946281   | 48.193 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 307685   | 47.125 | ng    | 86       |
| 49) Acenaphthylene            | 9.739  | 152  | 1419546  | 47.579 | ng    | 100      |
| 50) Dimethylphthalate         | 9.598  | 163  | 1103363  | 48.024 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 246631   | 47.961 | ng    | 92       |
| 52) Acenaphthene              | 9.910  | 154  | 923052m  | 47.368 | ng    |          |
| 53) 3-Nitroaniline            | 9.839  | 138  | 239148   | 39.384 | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.951  | 184  | 108963   | 41.507 | ng    | 91       |
| 55) Dibenzofuran              | 10.080 | 168  | 1268384  | 47.217 | ng    | 95       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 279062   | 62.293 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 313407   | 46.654 | ng    | 91       |
| 58) Fluorene                  | 10.427 | 166  | 1047882  | 48.753 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 207284m  | 38.860 | ng    |          |
| 60) Diethylphthalate          | 10.292 | 149  | 1051814  | 47.358 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 466791   | 49.262 | ng    | # 87     |
| 62) 4-Nitroaniline            | 10.463 | 138  | 264438m  | 43.899 | ng    |          |
| 63) Azobenzene                | 10.575 | 77   | 1031512  | 45.535 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 114382   | 33.146 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 899772   | 49.417 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 302446   | 50.517 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 332220   | 51.213 | ng    | 95       |
| 69) Atrazine                  | 11.063 | 200  | 287444   | 51.974 | ng    | 97       |
| 70) Pentachlorophenol         | 11.174 | 266  | 147085   | 41.708 | ng    | 98       |
| 71) Phenanthrene              | 11.392 | 178  | 1411822  | 47.305 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1421934  | 48.482 | ng    | 99       |
| 73) Carbazole                 | 11.604 | 167  | 1291776  | 46.788 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1582376  | 48.127 | ng    | 99       |
| 75) Fluoranthene              | 12.580 | 202  | 1283640  | 42.448 | ng    | 99       |
| 77) Benzidine                 | 12.704 | 184  | 781652   | 84.234 | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 1243040  | 56.591 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 502011   | 52.691 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 842078   | 46.931 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 233168   | 39.359 | ng    | 99       |
| 83) Chrysene                  | 14.039 | 228  | 782841   | 46.293 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 639936   | 51.019 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.586 | 149  | 930163   | 51.533 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 1113679  | 54.539 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 956781   | 47.567 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 827564   | 41.984 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 816929   | 50.032 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.986 | 278  | 964285   | 58.020 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 959008   | 56.470 | ng    | 99       |

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

## Manual Integrations

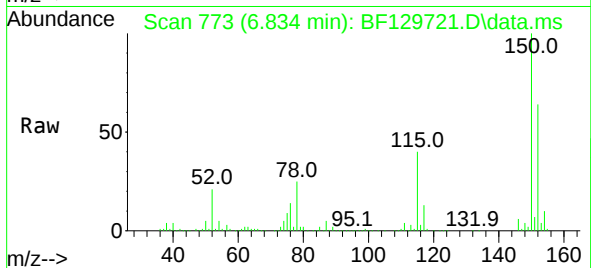
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

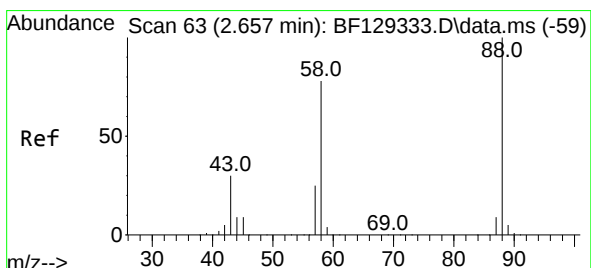
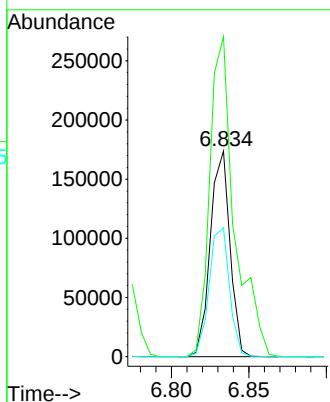
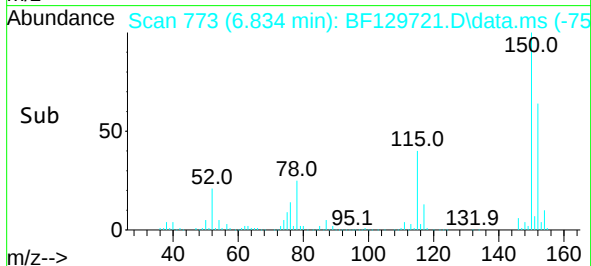
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:152 Resp: 153372  
Ion Ratio Lower Upper  
152 100  
150 155.7 123.7 185.5  
115 62.7 49.9 74.9

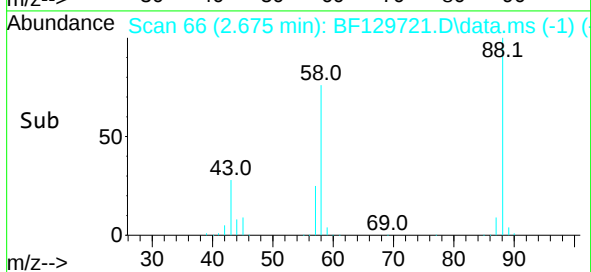
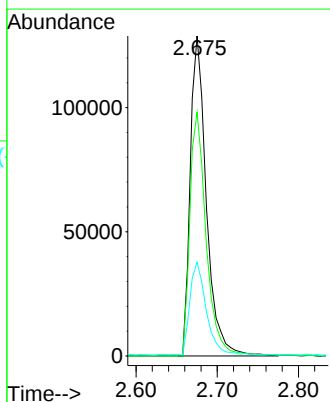
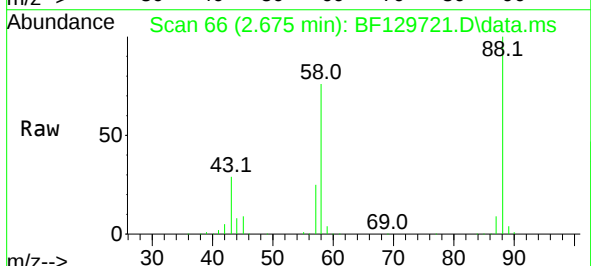
Manual Integrations  
APPROVED

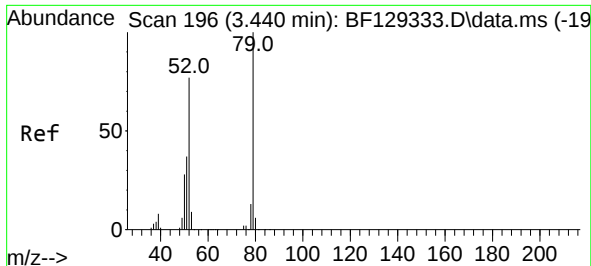
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#2  
1,4-Dioxane  
Concen: 41.970 ng  
RT: 2.675 min Scan# 66  
Delta R.T. 0.117 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

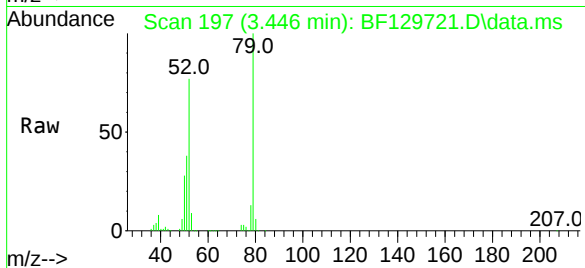
Tgt Ion: 88 Resp: 178288  
Ion Ratio Lower Upper  
88 100  
58 77.0 71.8 107.8  
43 29.2 26.6 39.8





#3  
Pyridine  
Concen: 40.453 ng  
RT: 3.446 min Scan# 196  
Delta R.T. 0.112 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

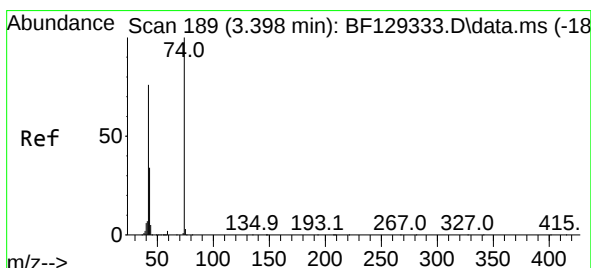
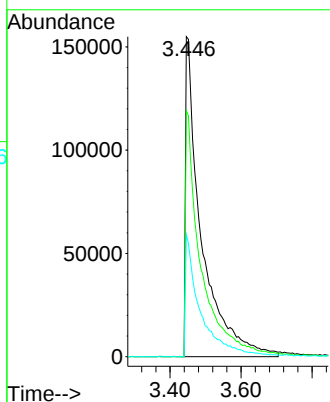
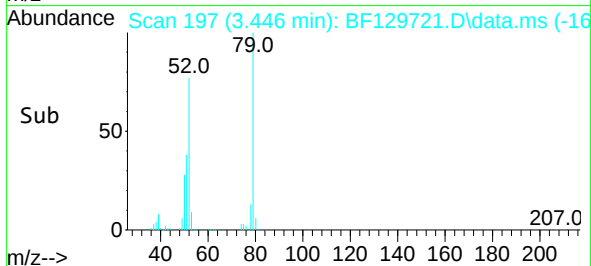
Instrument :  
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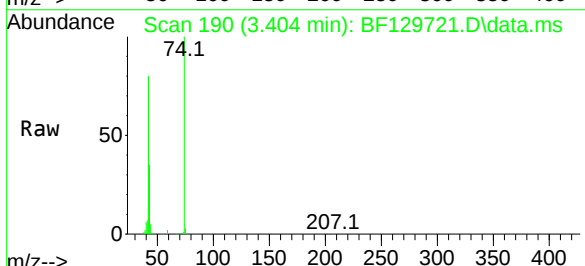
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Ion Ratio Lower Upper  
79 100  
52 76.9 68.6 102.8  
51 38.2 32.9 49.3

Manual Integrations  
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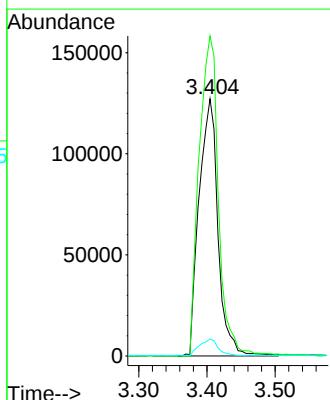
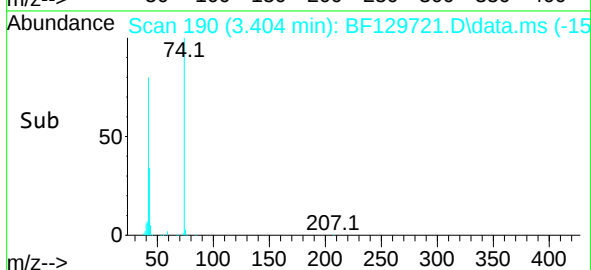
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#4  
n-Nitrosodimethylamine  
Concen: 47.395 ng  
RT: 3.404 min Scan# 190  
Delta R.T. 0.112 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



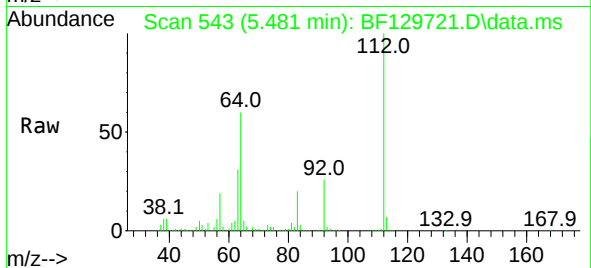
Tgt Ion: 42 Resp: 245518  
Ion Ratio Lower Upper  
42 100  
74 124.5 94.8 142.2  
44 6.7 6.6 10.0





#5  
2-Fluorophenol  
Concen: 121.917 ng  
RT: 5.481 min Scan# 546  
Delta R.T. 0.012 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

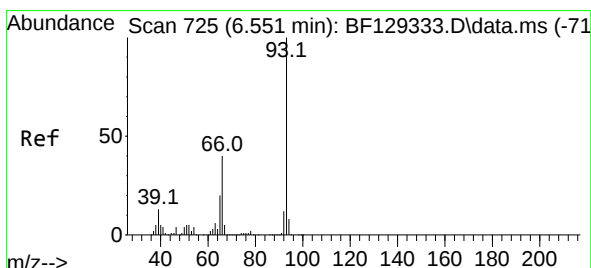
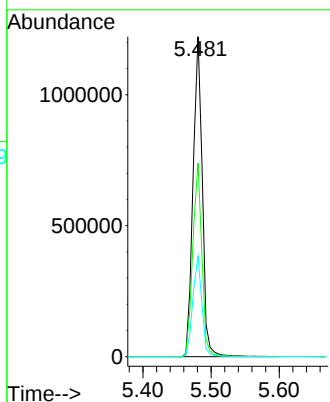
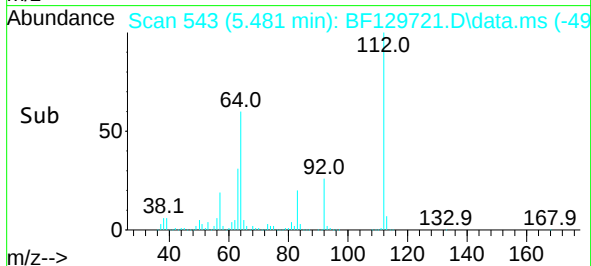
Instrument :  
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Tgt Ion:112 Resp: 114786  
Ion Ratio Lower Upper  
112 100  
64 60.5 53.3 79.9  
63 31.3 28.0 42.0

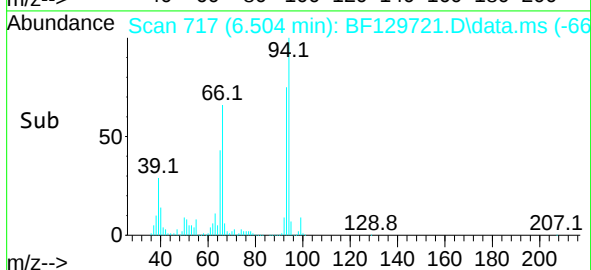
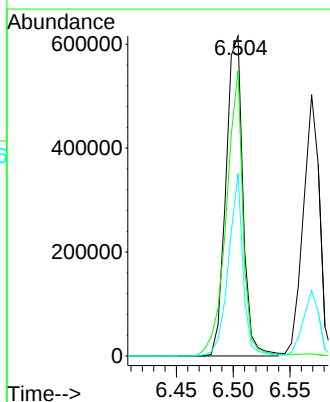
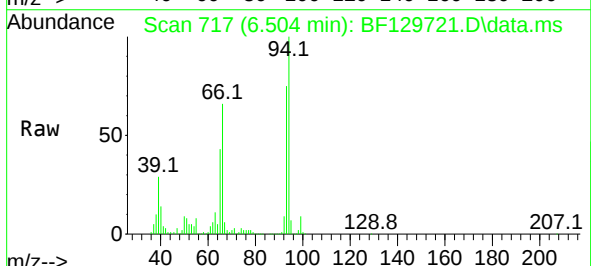
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#6  
Aniline  
Concen: 43.650 ng  
RT: 6.504 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

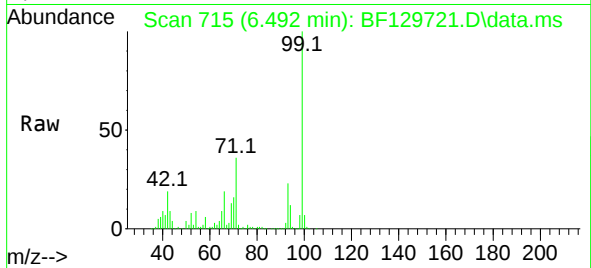
Tgt Ion: 93 Resp: 642174  
Ion Ratio Lower Upper  
93 100  
66 89.2 32.5 48.7#  
65 57.0 16.4 24.6#





#7  
Phenol-d6  
Concen: 121.857 ng  
RT: 6.492 min Scan# 715  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

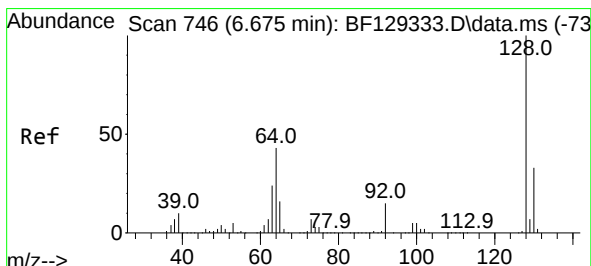
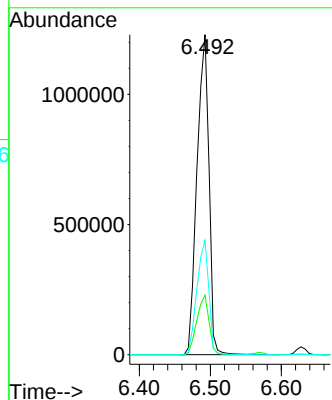
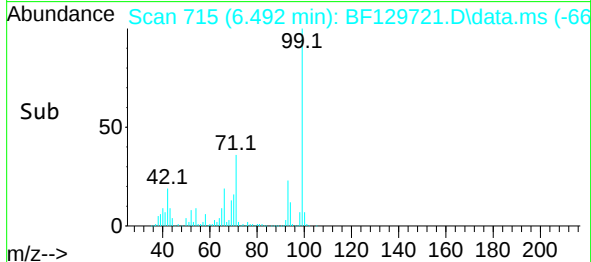
Instrument :  
BNA\_F  
ClientSampleId :  
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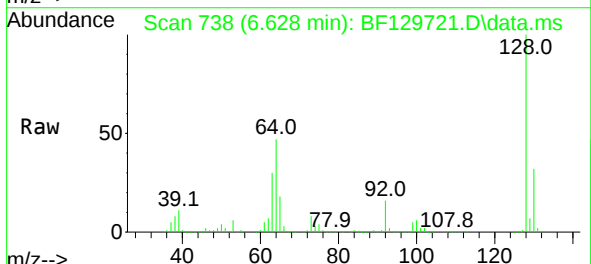
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Ion Ratio Lower Upper  
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71 35.7 28.9 43.3

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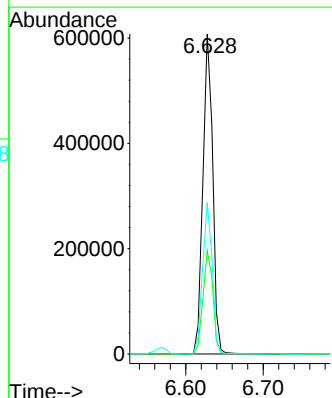
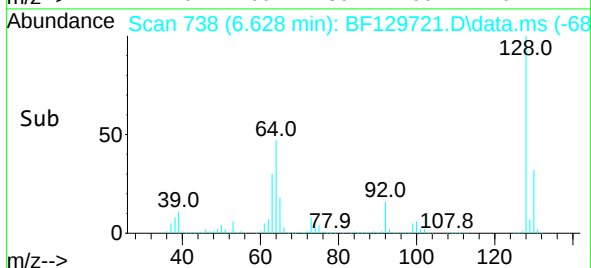
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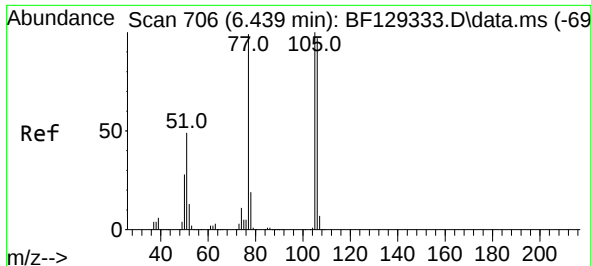


#8  
2-Chlorophenol  
Concen: 52.019 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



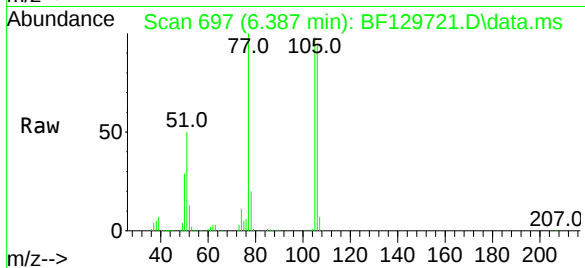
Tgt Ion:128 Resp: 535077  
Ion Ratio Lower Upper  
128 100  
130 32.3 13.1 53.1  
64 47.3 30.9 70.9





#9  
Benzaldehyde  
Concen: 45.743 ng  
RT: 6.387 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

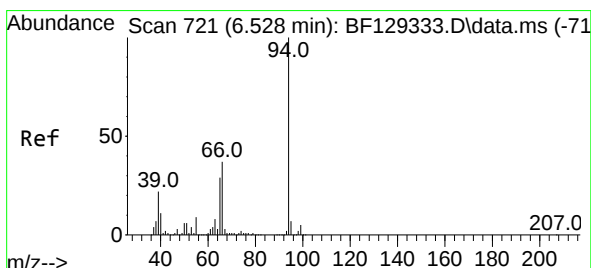
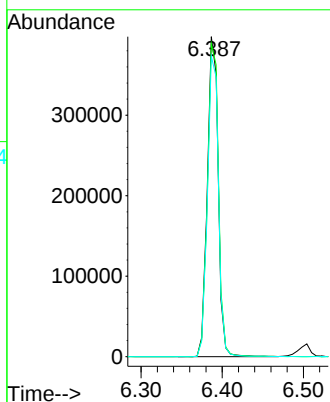
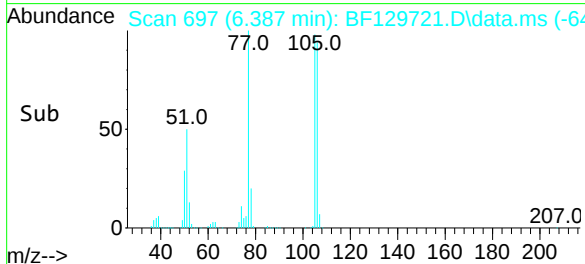
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



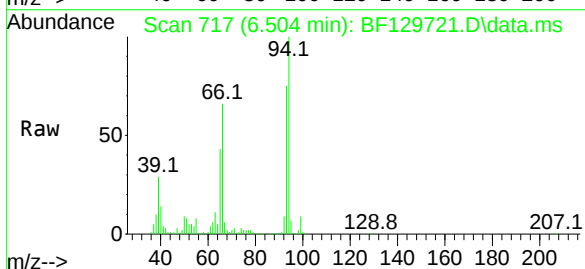
Tgt Ion: 77 Resp: 36762  
Ion Ratio Lower Upper  
77 100  
105 97.8 81.6 121.6  
106 93.9 76.1 116.1

Manual Integrations  
APPROVED

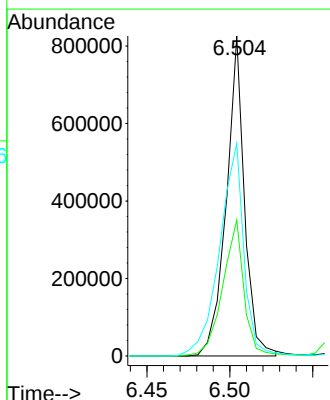
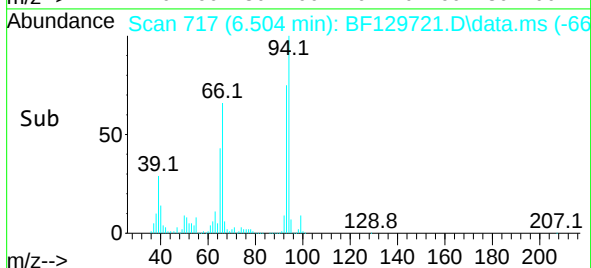
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

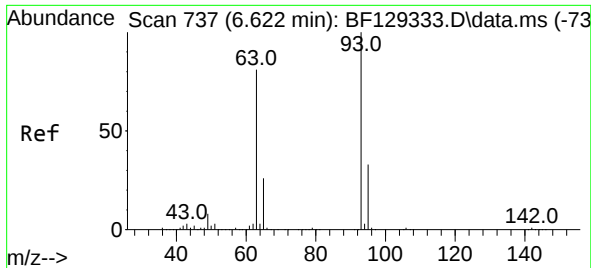


#10  
Phenol  
Concen: 50.111 ng m  
RT: 6.504 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



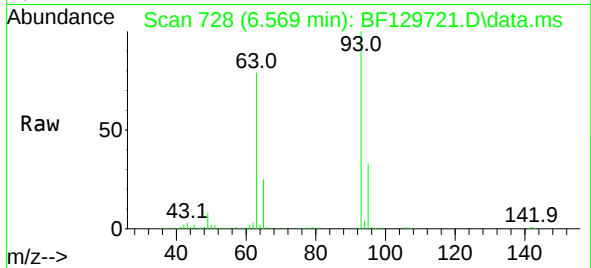
Tgt Ion: 94 Resp: 631514  
Ion Ratio Lower Upper  
94 100  
65 42.5 11.4 51.4  
66 66.5 21.4 61.4#





#11  
bis(2-Chloroethyl)ether  
Concen: 49.782 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

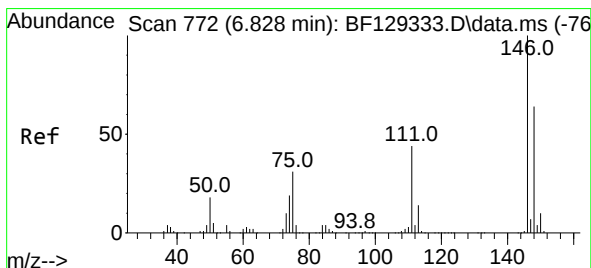
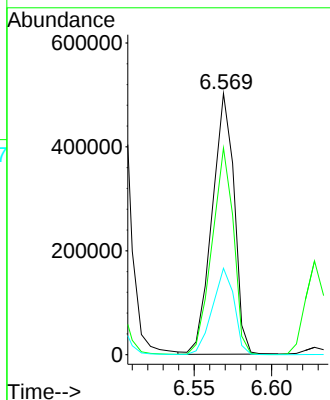
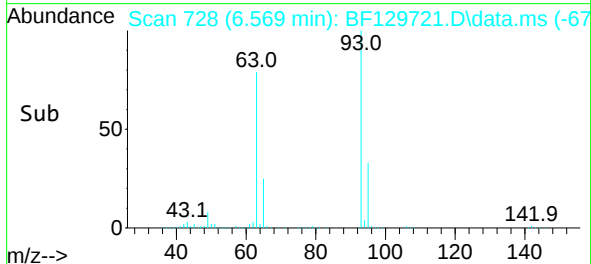
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



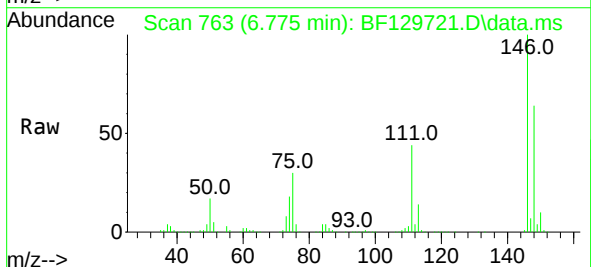
Tgt Ion: 93 Resp: 497548  
Ion Ratio Lower Upper  
93 100  
63 79.1 67.4 107.4  
95 33.1 12.7 52.7

Manual Integrations  
APPROVED

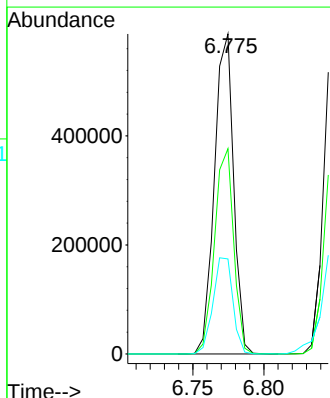
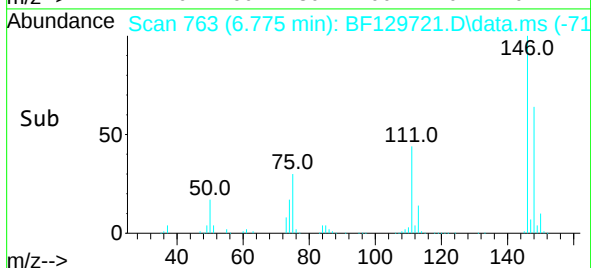
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

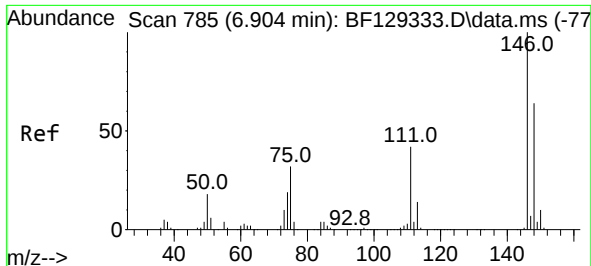


#12  
1,3-Dichlorobenzene  
Concen: 49.959 ng  
RT: 6.775 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



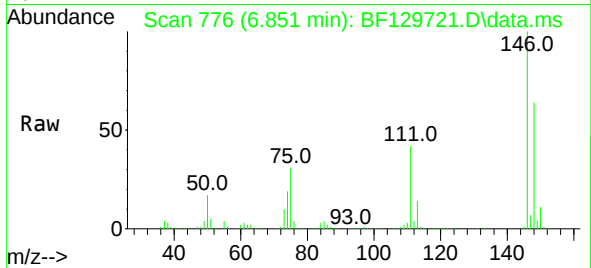
Tgt Ion:146 Resp: 551146  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.6 75.8  
75 29.7 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 49.473 ng  
RT: 6.851 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

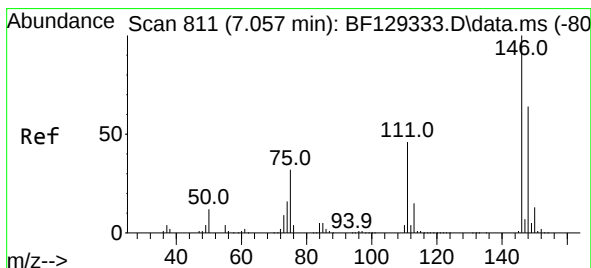
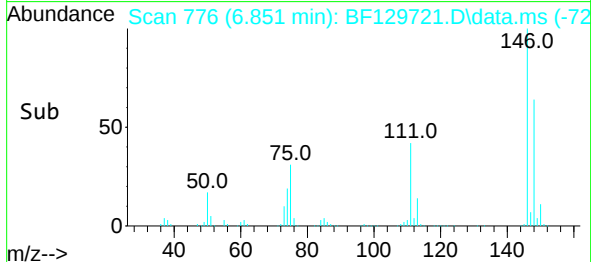
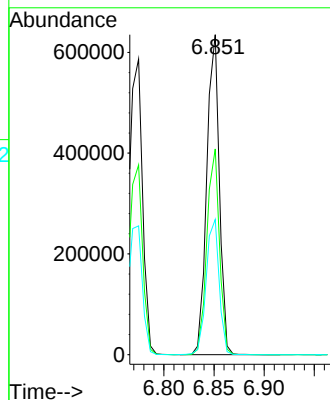
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:146 Resp: 555062  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.1 76.7  
111 42.3 34.2 51.4

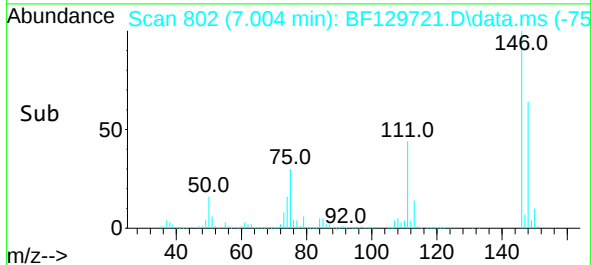
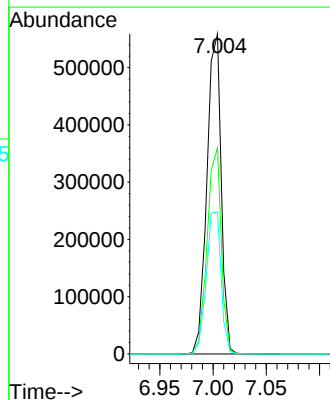
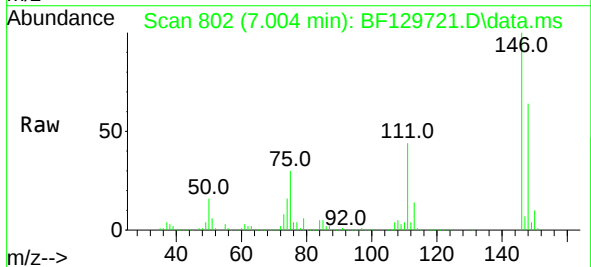
Manual Integrations  
APPROVED

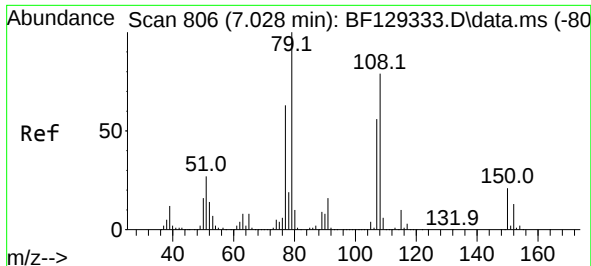
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#14  
1,2-Dichlorobenzene  
Concen: 50.696 ng  
RT: 7.004 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:146 Resp: 522810  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.8 77.8  
111 44.5 35.1 52.7





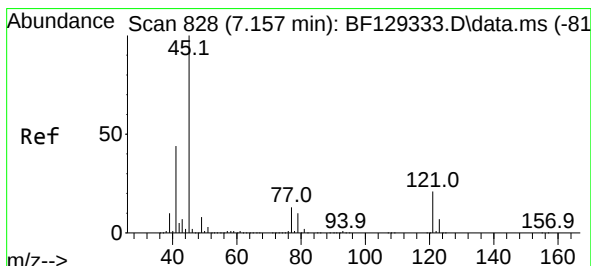
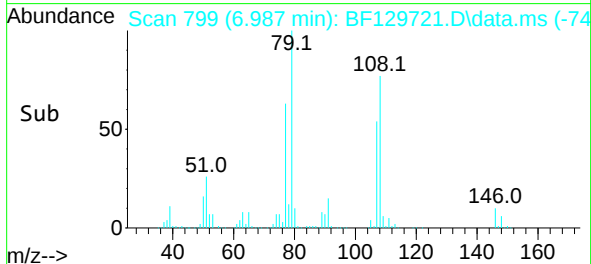
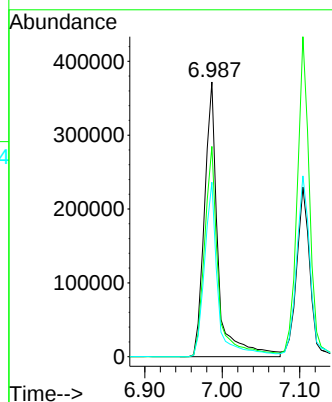
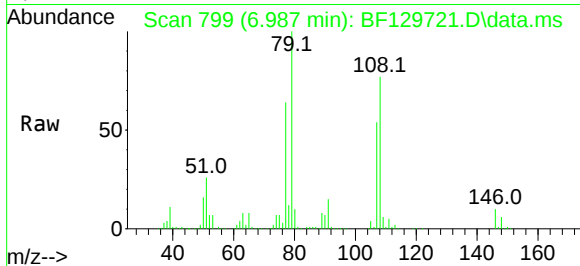
#15  
Benzyl Alcohol  
Concen: 52.623 ng  
RT: 6.987 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion: 79 Resp: 451650  
Ion Ratio Lower Upper  
79 100  
108 76.5 61.8 92.6  
77 63.5 50.2 75.4

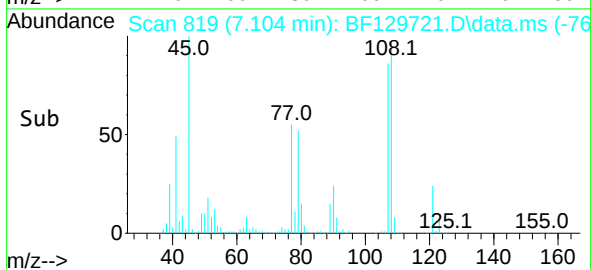
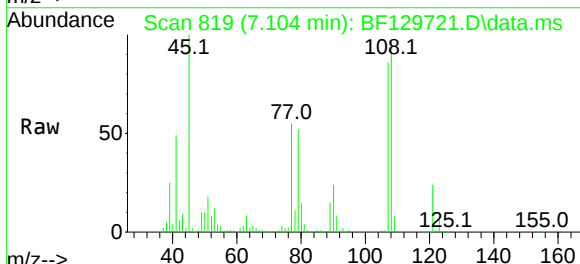
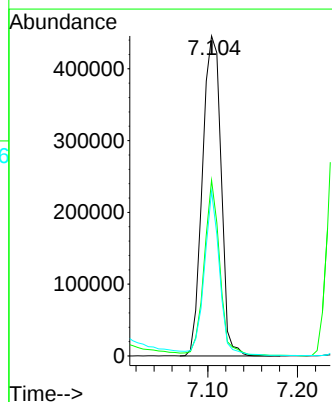
Manual Integrations  
APPROVED

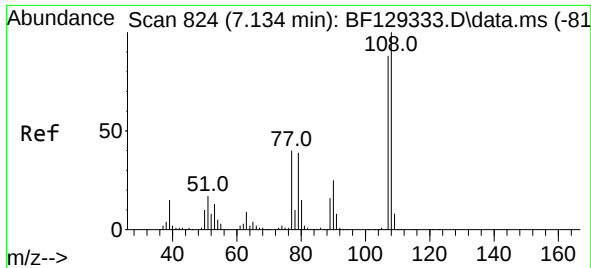
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.769 ng  
RT: 7.104 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

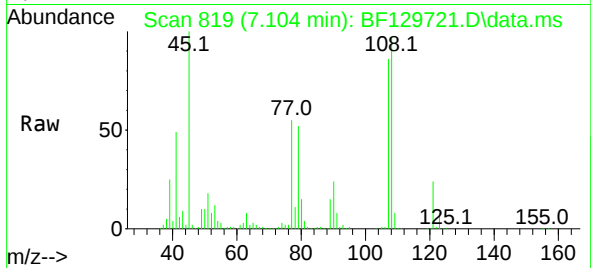
Tgt Ion: 45 Resp: 642539  
Ion Ratio Lower Upper  
45 100  
77 54.9 0.0 31.3#  
79 51.5 0.0 28.3#





#17  
2-Methylphenol  
Concen: 49.994 ng  
RT: 7.104 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

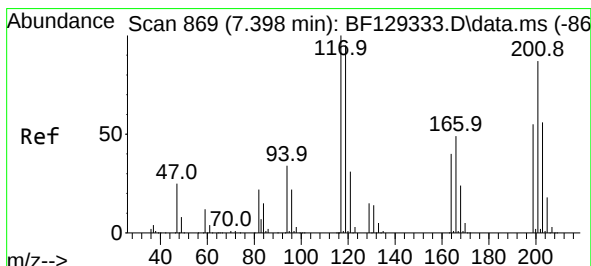
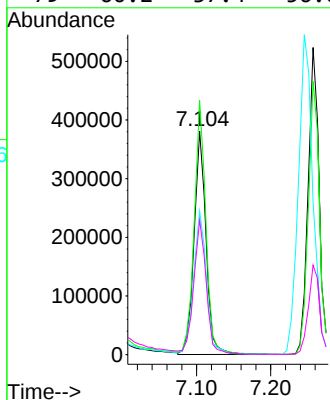
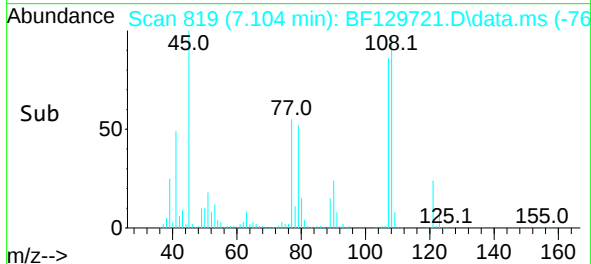
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:107 Resp: 426618  
Ion Ratio Lower Upper  
107 100  
108 113.7 91.9 137.9  
77 64.2 37.8 56.8  
79 60.2 37.4 56.0#

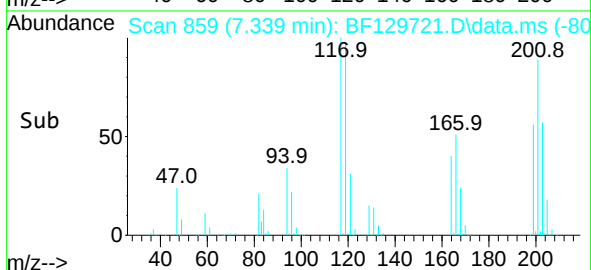
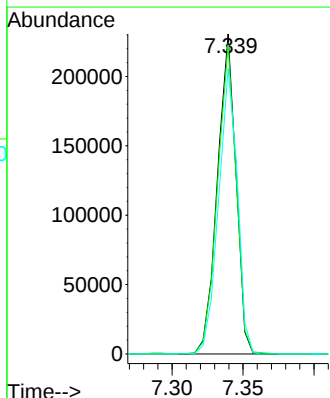
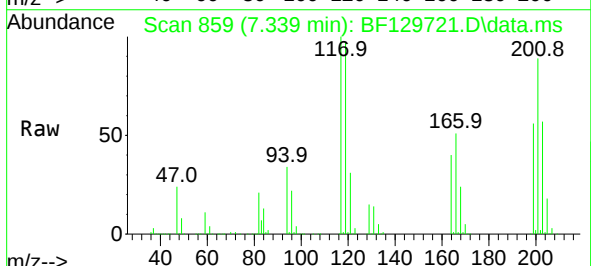
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#18  
Hexachloroethane  
Concen: 49.269 ng  
RT: 7.339 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

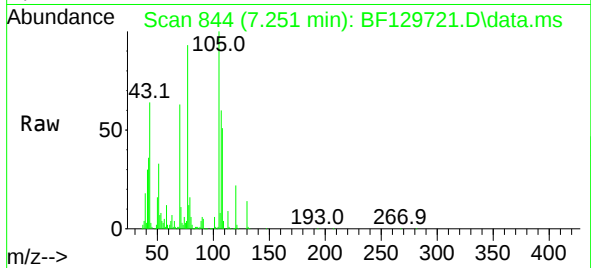
Tgt Ion:117 Resp: 208145  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.4 116.2  
201 89.2 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.860 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

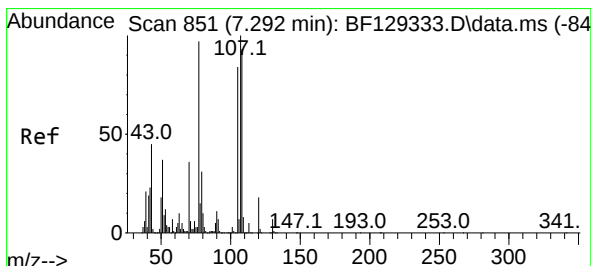
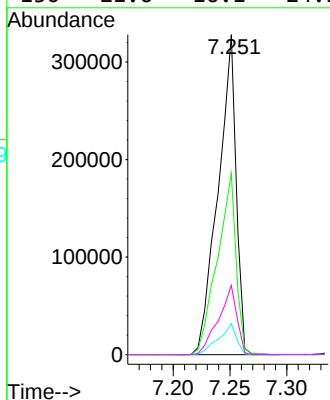
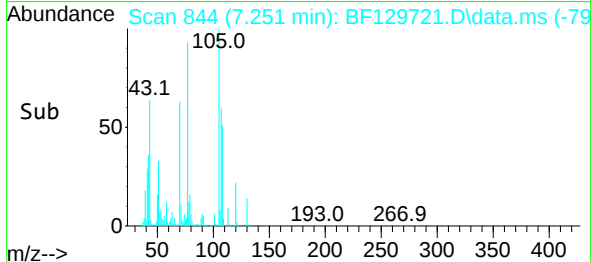
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



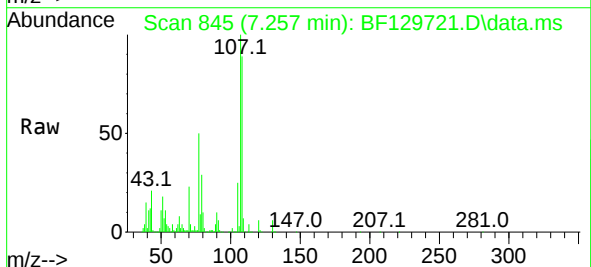
Tgt Ion: 70 Resp: 36438  
Ion Ratio Lower Upper  
70 100  
42 56.6 52.3 78.5  
101 9.7 7.5 11.3  
130 21.6 16.1 24.1

Manual Integrations  
APPROVED

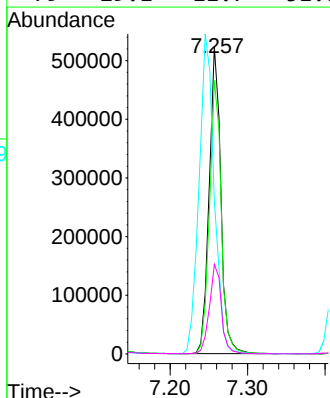
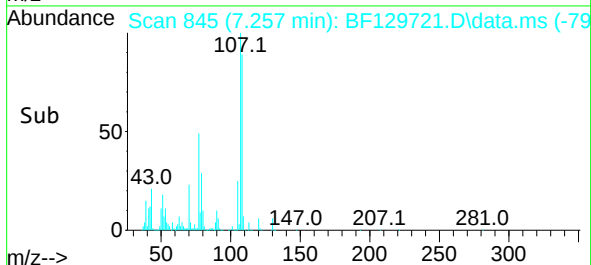
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#20  
3+4-Methylphenols  
Concen: 50.489 ng  
RT: 7.257 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



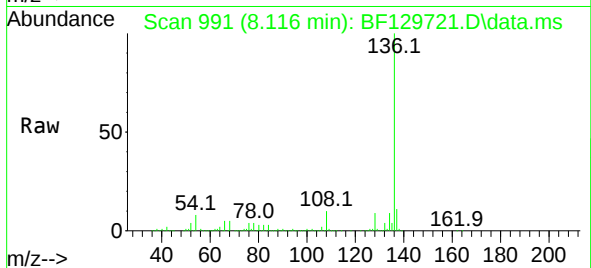
Tgt Ion:107 Resp: 547805  
Ion Ratio Lower Upper  
107 100  
108 88.9 71.8 111.8  
77 49.7 59.3 99.3#  
79 29.1 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

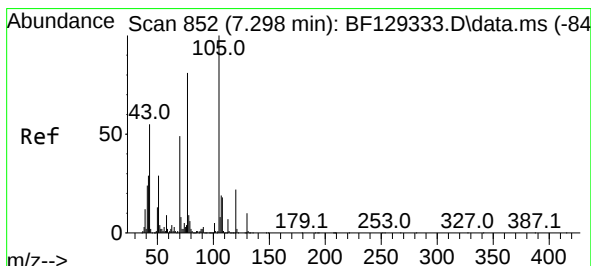
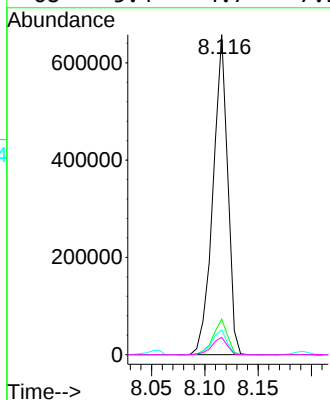
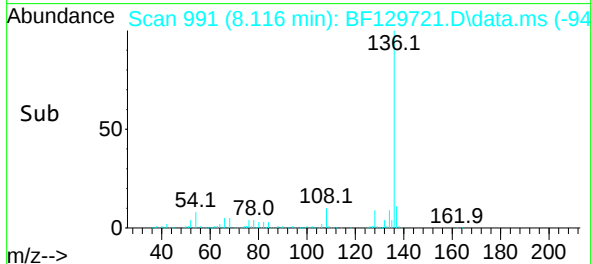
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:136 Resp: 62821  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.7 7.5 11.3  
68 5.4 4.7 7.1

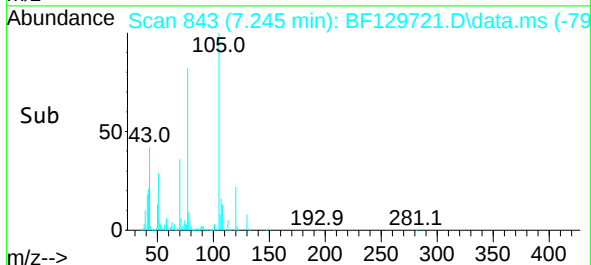
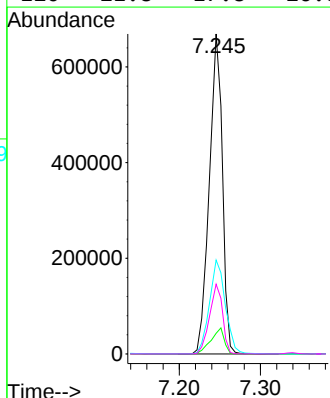
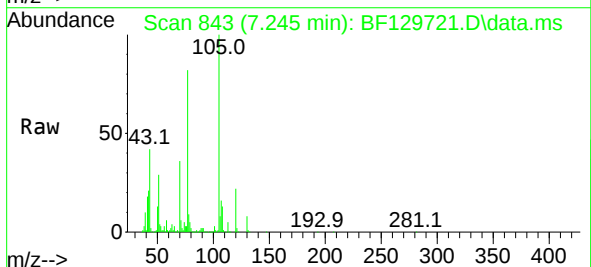
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#22  
Acetophenone  
Concen: 50.907 ng  
RT: 7.245 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:105 Resp: 744562  
Ion Ratio Lower Upper  
105 100  
71 6.4 5.0 7.4  
51 29.4 25.0 37.4  
120 21.8 17.8 26.8





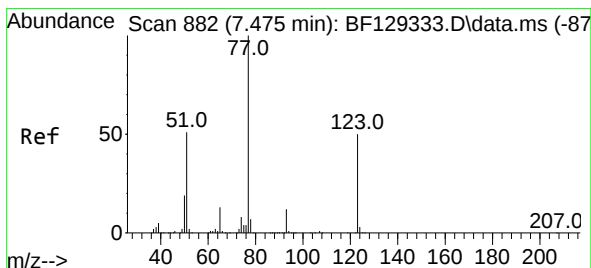
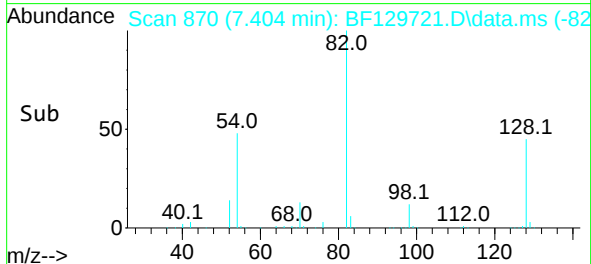
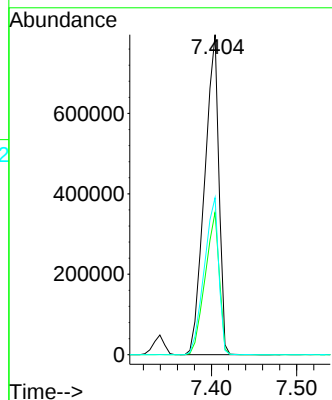
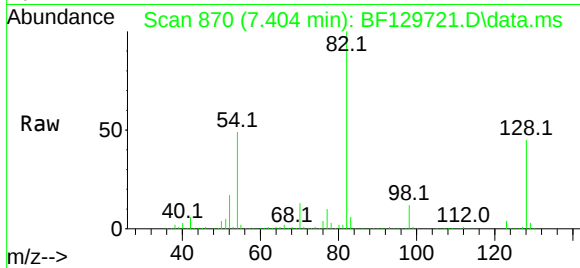
#23  
Nitrobenzene-d5  
Concen: 80.513 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion: 82 Resp: 92655  
Ion Ratio Lower Upper  
82 100  
128 44.5 34.0 51.0  
54 49.0 46.9 70.3

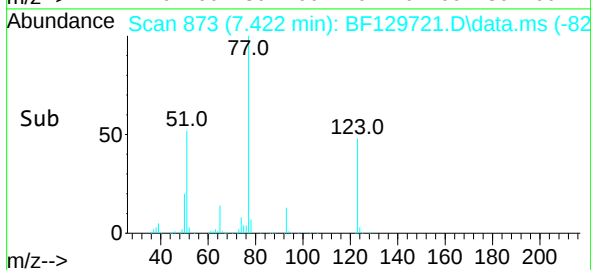
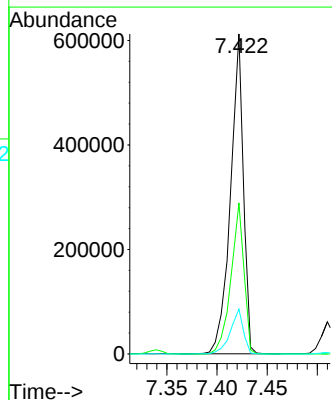
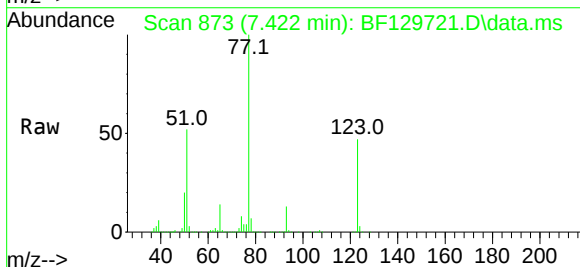
Manual Integrations  
APPROVED

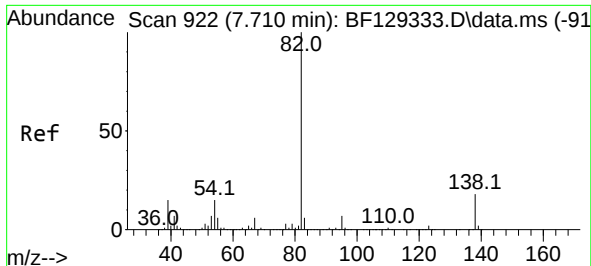
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#24  
Nitrobenzene  
Concen: 46.267 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

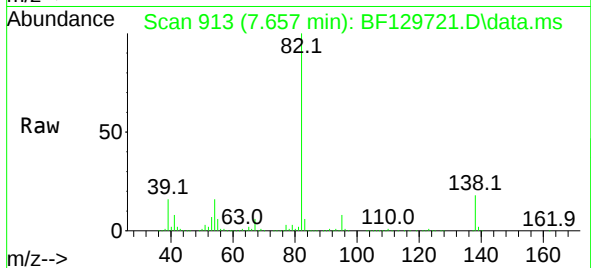
Tgt Ion: 77 Resp: 548286  
Ion Ratio Lower Upper  
77 100  
123 47.2 35.4 53.2  
65 14.0 11.8 17.8





#25  
Isophorone  
Concen: 48.564 ng  
RT: 7.657 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

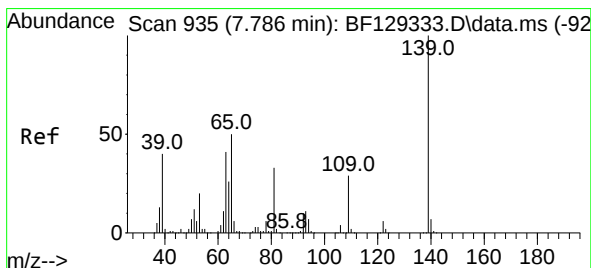
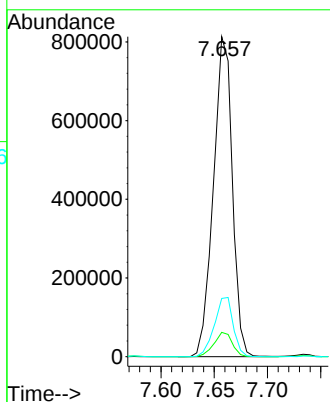
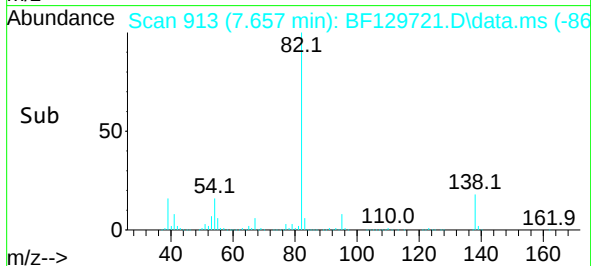
Instrument :  
BNA\_F  
Client SampleId :  
SB07MS



Tgt Ion: 82 Resp: 1001790  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.7 8.5  
138 18.2 14.2 21.2

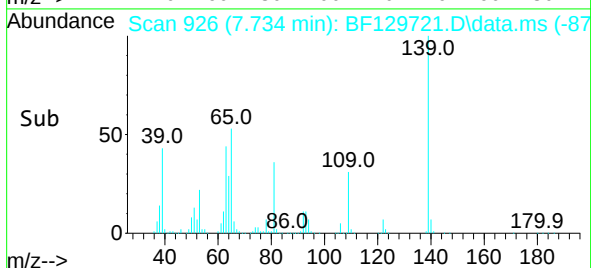
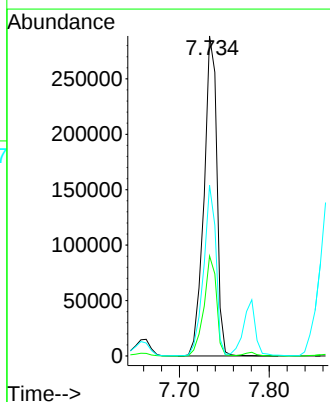
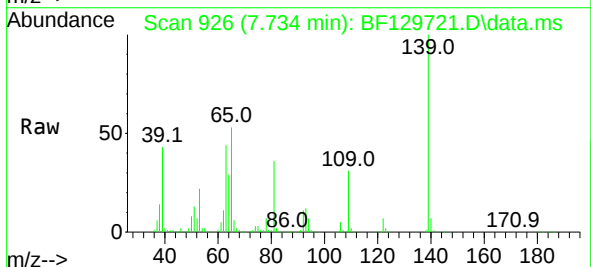
Manual Integrations  
APPROVED

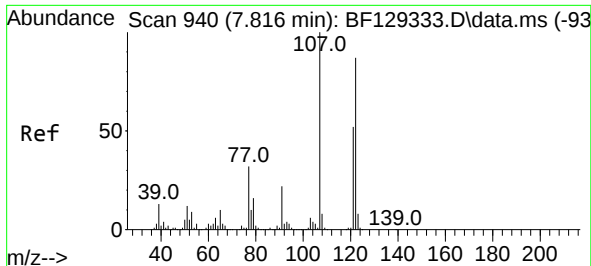
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#26  
2-Nitrophenol  
Concen: 49.266 ng  
RT: 7.734 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:139 Resp: 288023  
Ion Ratio Lower Upper  
139 100  
109 31.2 25.0 37.4  
65 53.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 55.165 ng m

RT: 7.781 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS

Tgt Ion:122 Resp: 48376

Ion Ratio Lower Upper

122 100

107 115.3 93.0 139.6

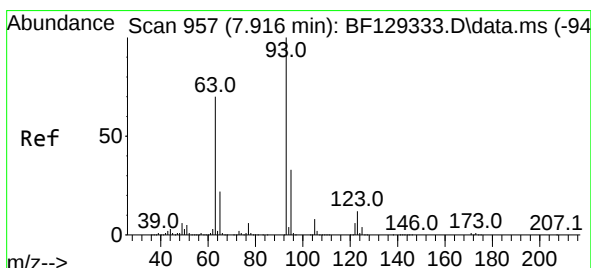
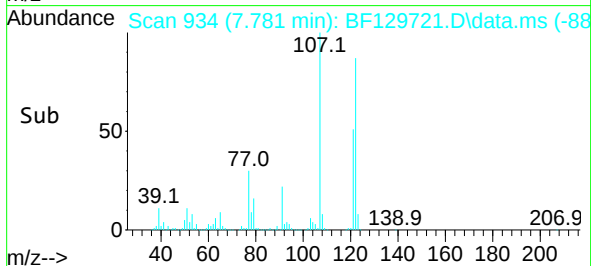
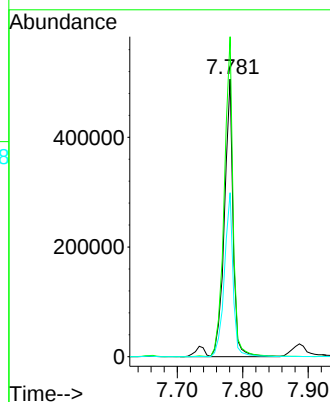
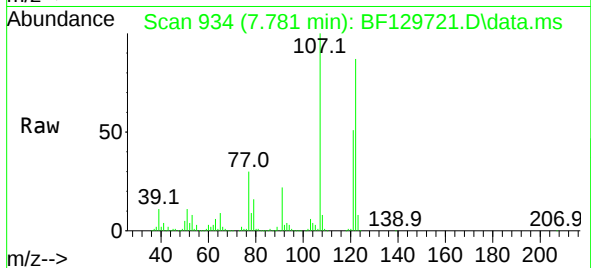
121 59.1 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.503 ng

RT: 7.863 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

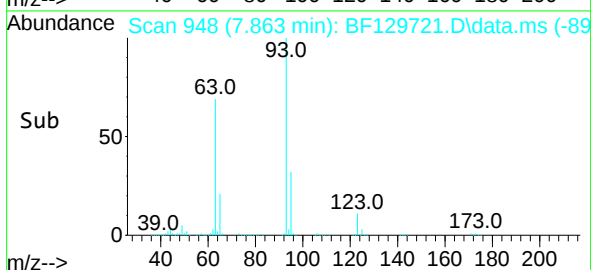
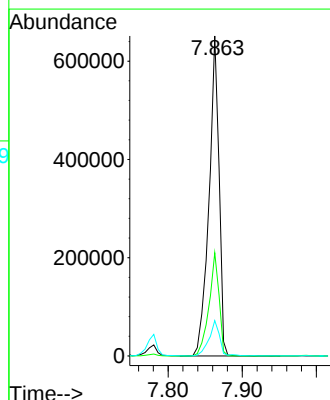
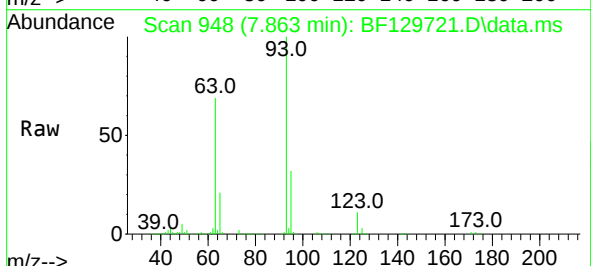
Tgt Ion: 93 Resp: 616310

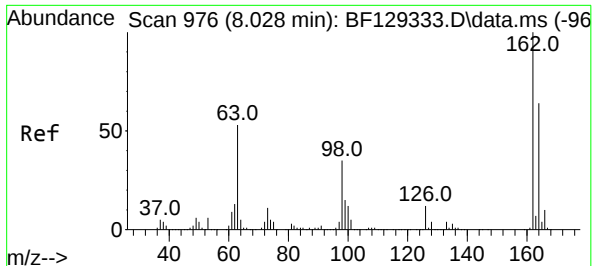
Ion Ratio Lower Upper

93 100

95 32.2 26.8 40.2

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.553 ng

RT: 7.986 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS

Tgt Ion:162 Resp: 43946

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

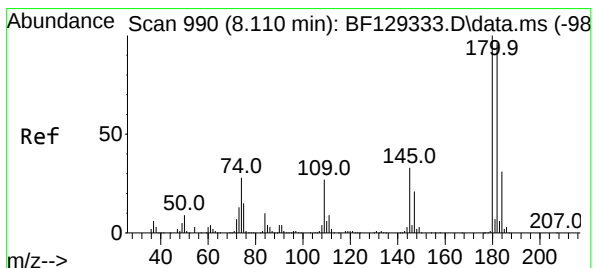
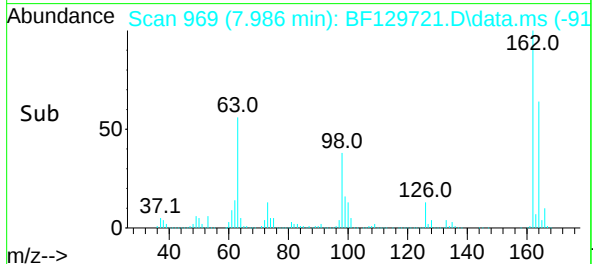
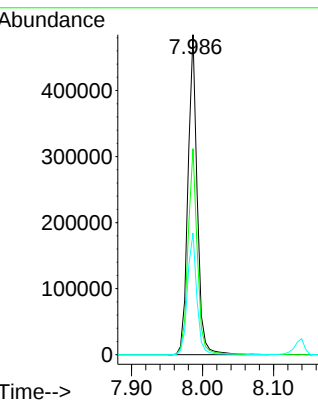
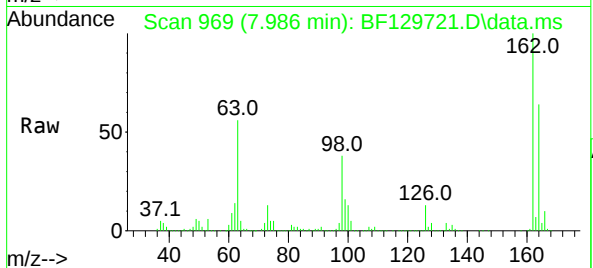
98 38.0 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.035 ng

RT: 8.057 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

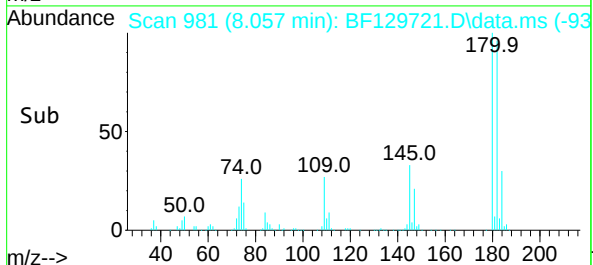
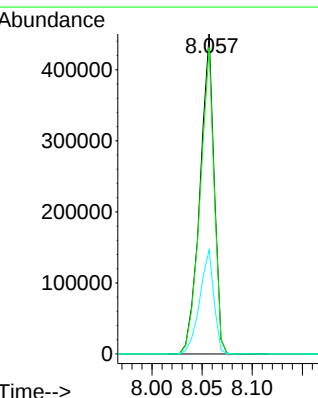
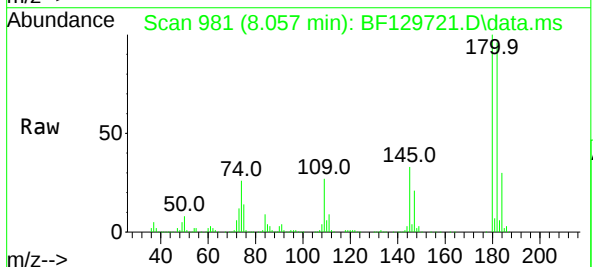
Tgt Ion:180 Resp: 440662

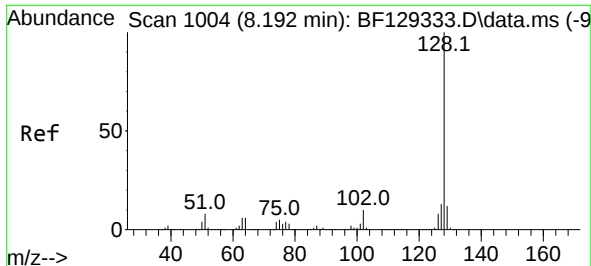
Ion Ratio Lower Upper

180 100

182 95.8 79.2 118.8

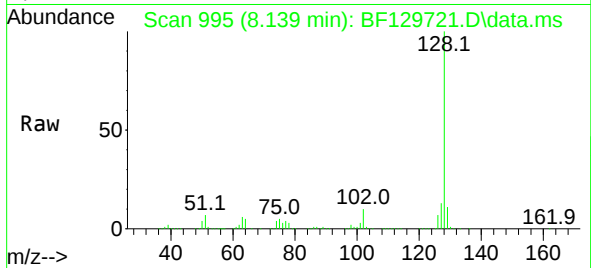
145 32.6 26.2 39.2





#31  
Naphthalene  
Concen: 47.203 ng  
RT: 8.139 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

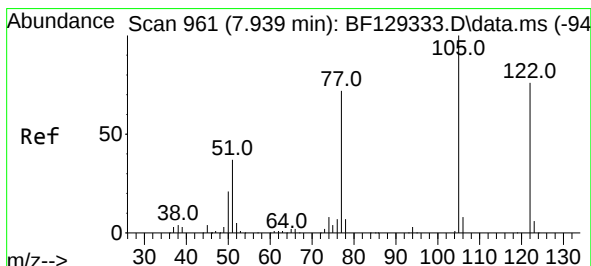
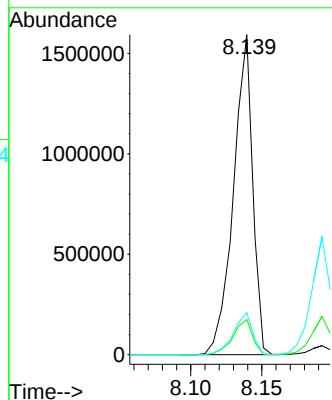
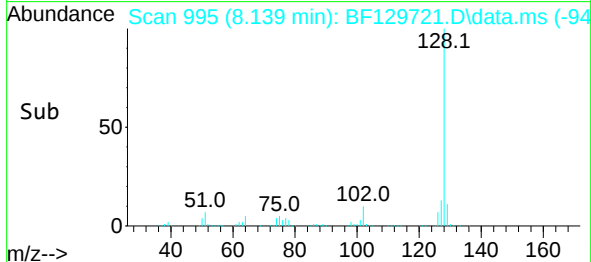
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:128 Resp: 150658  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.2 13.8  
127 13.1 10.5 15.7

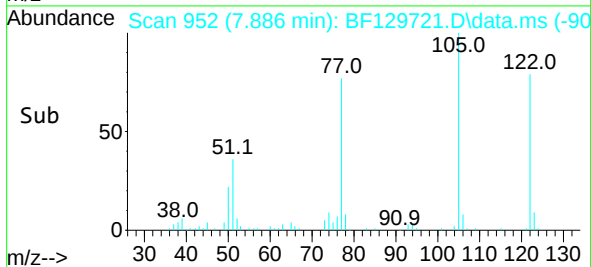
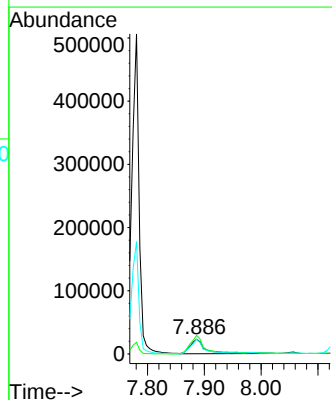
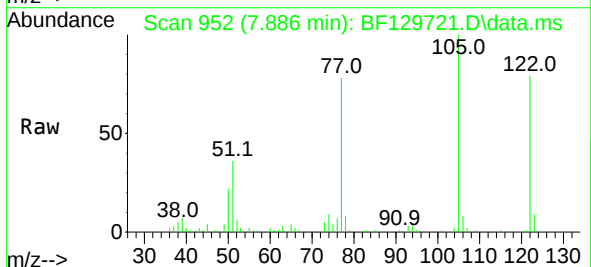
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#32  
Benzoic acid  
Concen: 6.772 ng  
RT: 7.886 min Scan# 952  
Delta R.T. -0.030 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:122 Resp: 42933  
Ion Ratio Lower Upper  
122 100  
105 126.1 107.1 147.1  
77 98.5 74.2 114.2





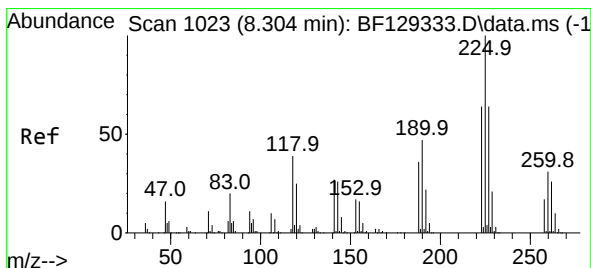
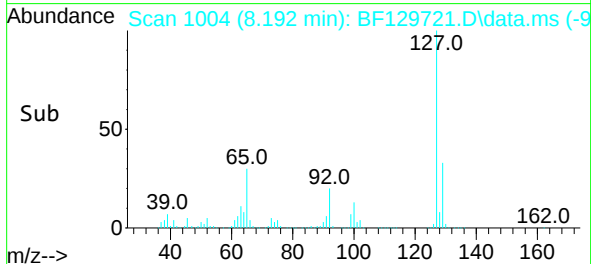
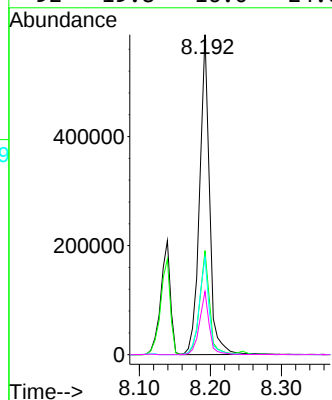
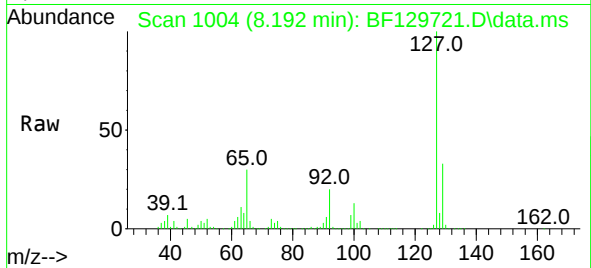
#33  
4-Chloroaniline  
Concen: 43.974 ng  
RT: 8.192 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 57622 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.5  | 26.4  | 39.6  |
| 65        | 30.4  | 26.4  | 39.6  |
| 92        | 19.8  | 16.0  | 24.0  |

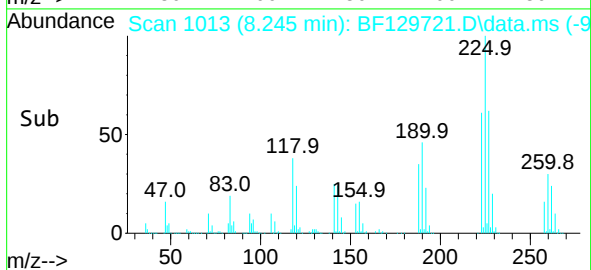
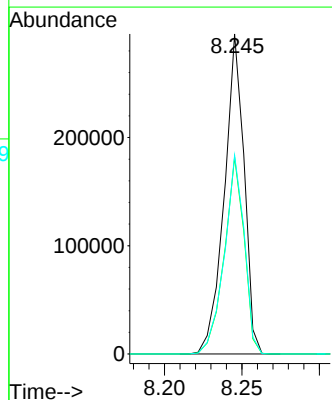
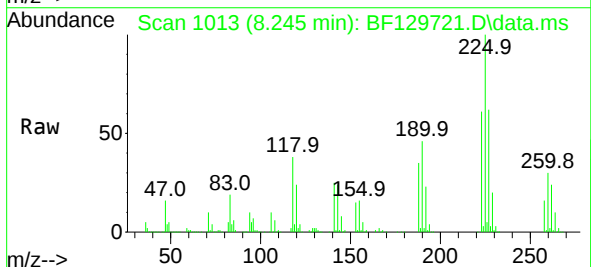
Manual Integrations  
APPROVED

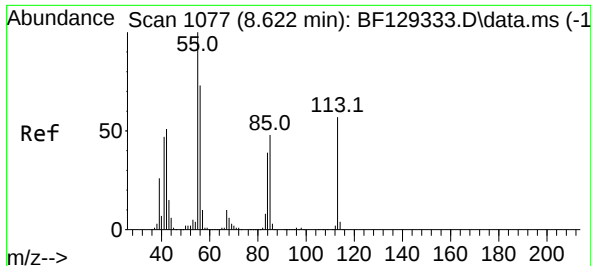
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#34  
Hexachlorobutadiene  
Concen: 49.317 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

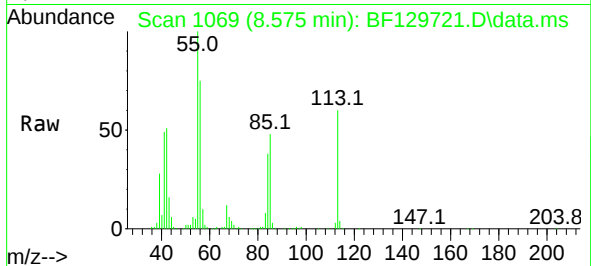
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 262639 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.5  | 51.0  | 76.6   |
| 227       | 62.1  | 51.1  | 76.7   |





#35  
Caprolactam  
Concen: 46.858 ng m  
RT: 8.575 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

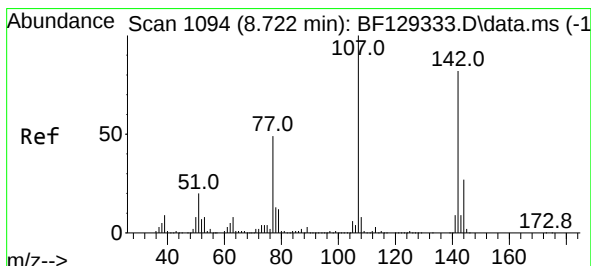
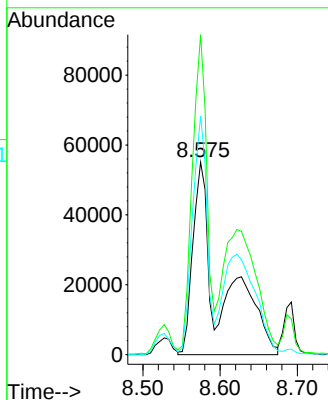
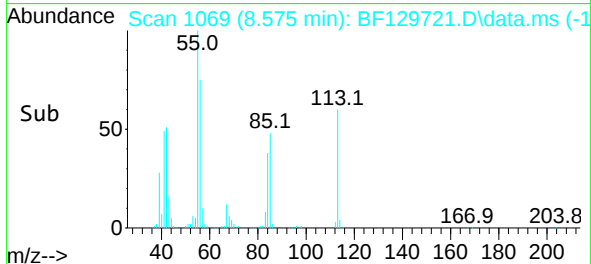
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:113 Resp: 13788  
Ion Ratio Lower Upper  
113 100  
55 166.2 188.5 228.5  
56 124.0 130.6 170.6

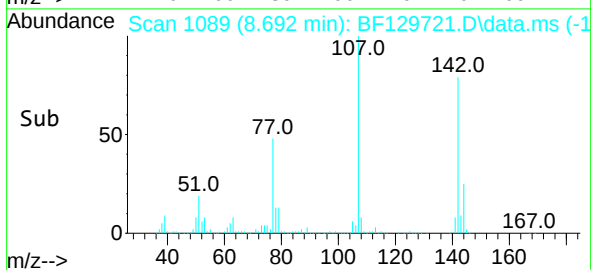
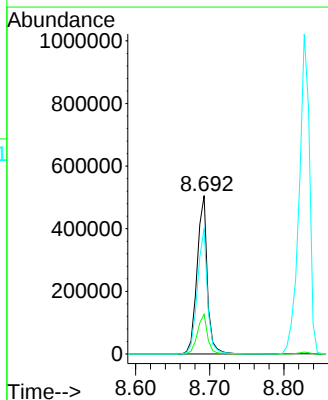
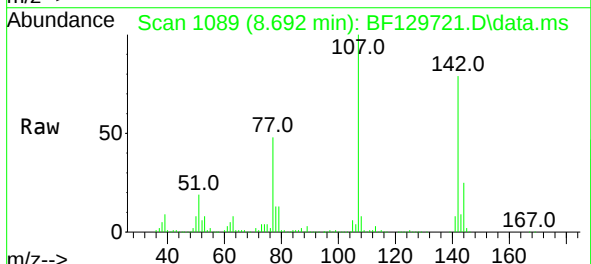
Manual Integrations  
APPROVED

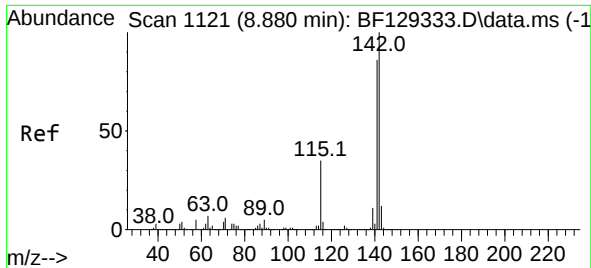
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#36  
4-Chloro-3-methylphenol  
Concen: 50.640 ng  
RT: 8.692 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:107 Resp: 486140  
Ion Ratio Lower Upper  
107 100  
144 25.0 19.5 29.3  
142 79.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 48.135 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS

Tgt Ion:142 Resp: 99839

Ion Ratio Lower Upper

142 100

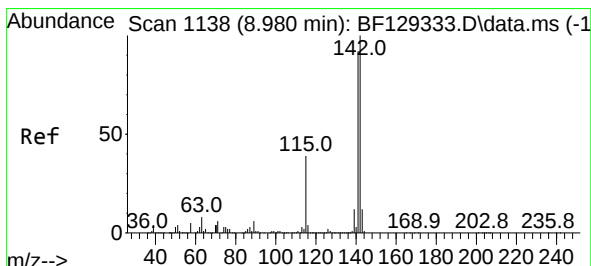
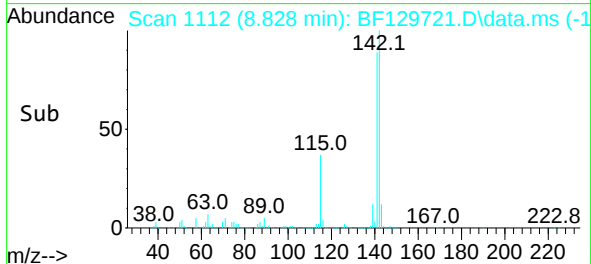
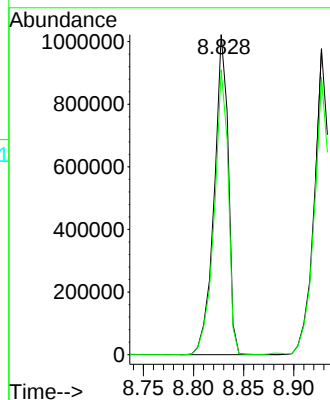
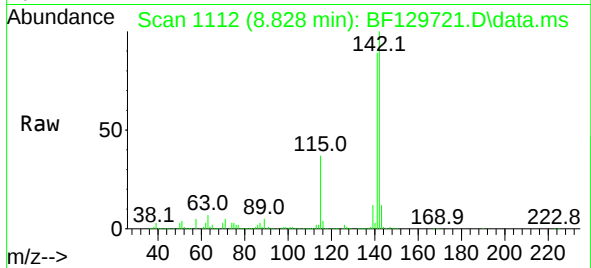
141 89.1 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#38

1-Methylnaphthalene

Concen: 47.203 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF129721.D

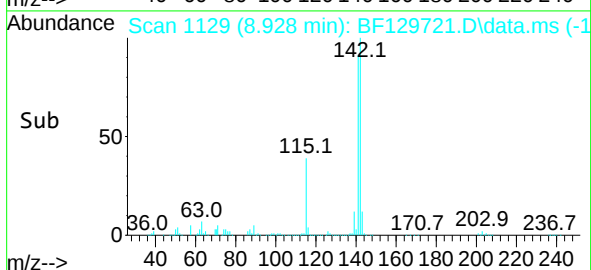
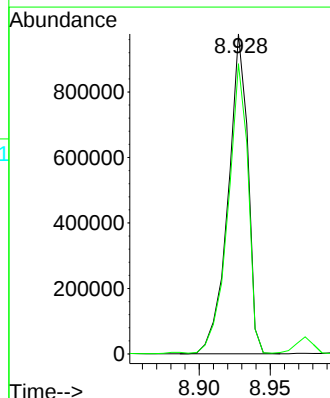
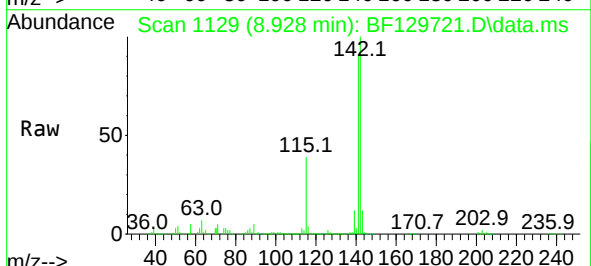
Acq: 11 Aug 2022 18:23

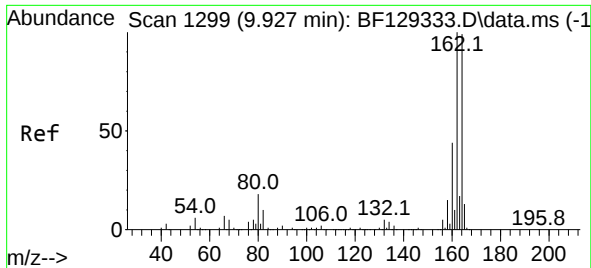
Tgt Ion:142 Resp: 945128

Ion Ratio Lower Upper

142 100

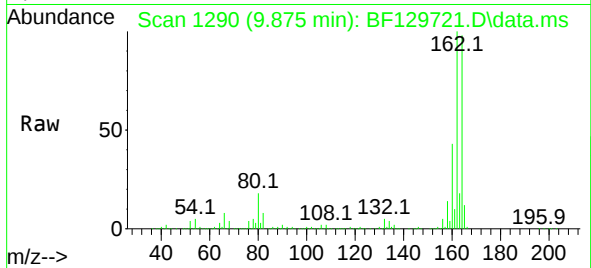
141 90.7 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

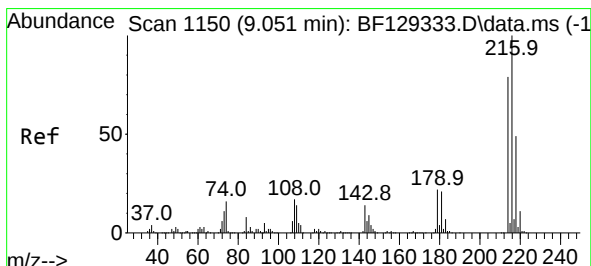
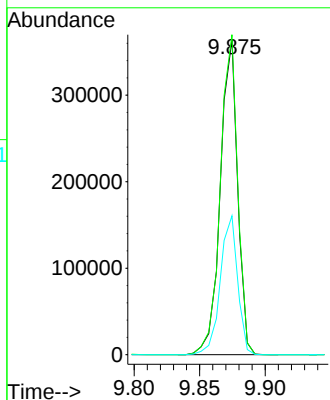
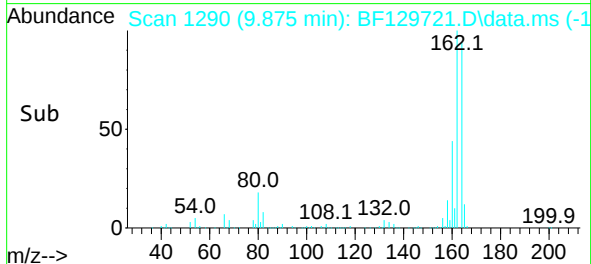
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



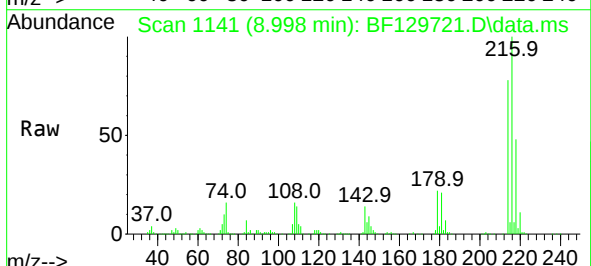
Tgt Ion:164 Resp: 332810  
Ion Ratio Lower Upper  
164 100  
162 101.6 79.5 119.3  
160 44.1 34.2 51.4

Manual Integrations  
APPROVED

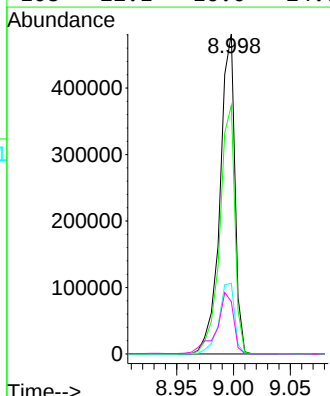
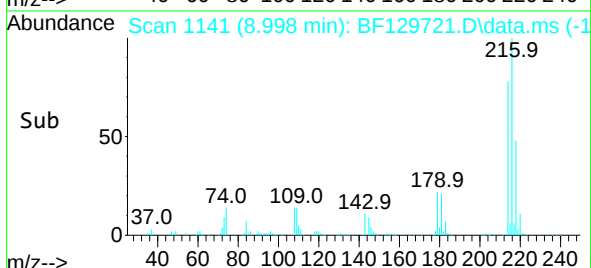
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

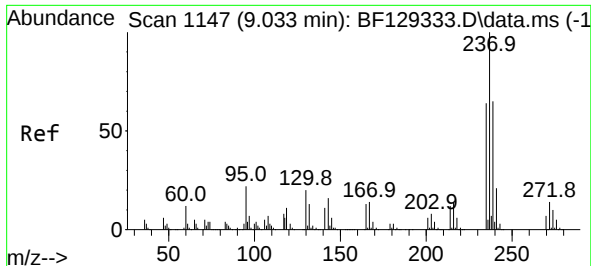


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.304 ng  
RT: 8.998 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



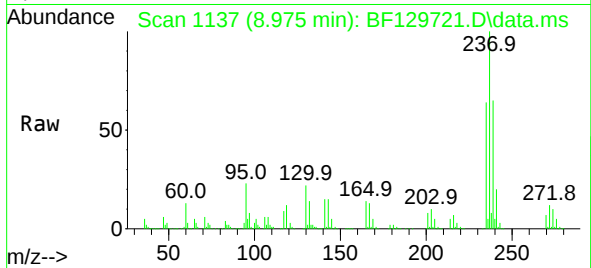
Tgt Ion:216 Resp: 439611  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.6 95.4  
179 23.3 17.0 25.6  
108 22.1 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 80.930 ng  
RT: 8.975 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

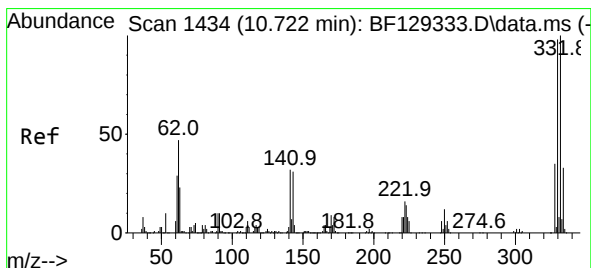
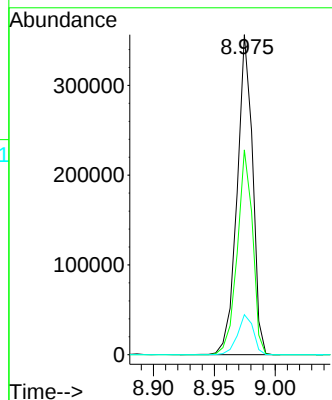
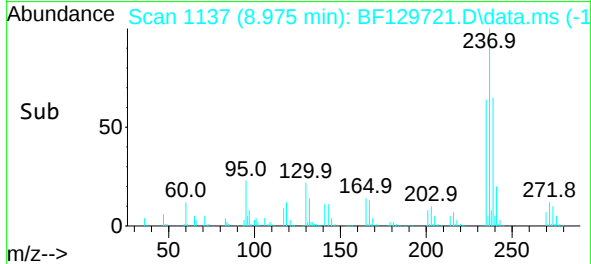
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



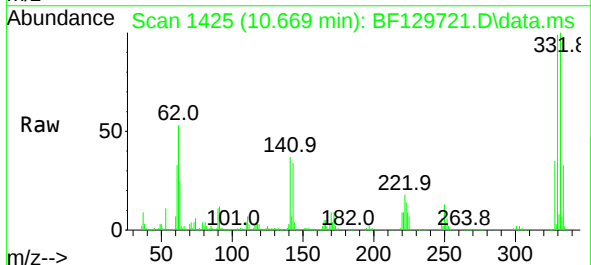
Tgt Ion:237 Resp: 31493  
Ion Ratio Lower Upper  
237 100  
235 64.0 43.2 83.2  
272 12.5 0.0 31.9

Manual Integrations  
APPROVED

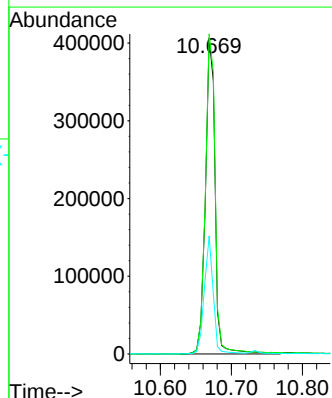
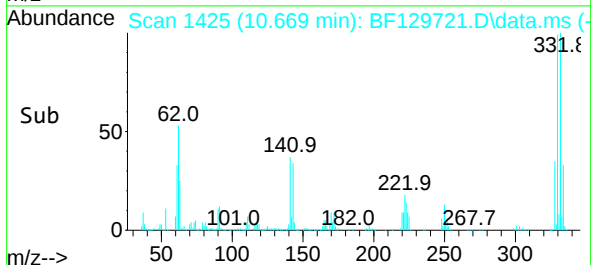
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

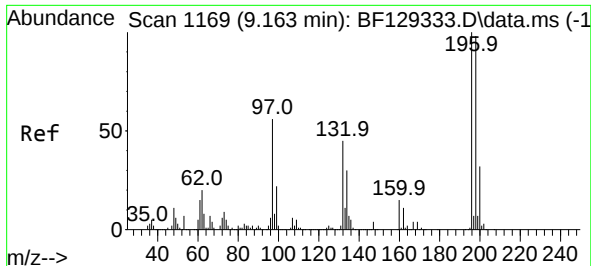


#42  
2,4,6-Tribromophenol  
Concen: 120.910 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



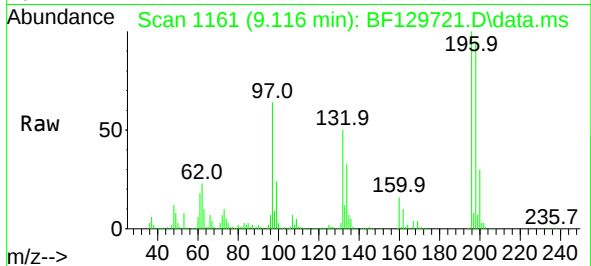
Tgt Ion:330 Resp: 386885  
Ion Ratio Lower Upper  
330 100  
332 103.0 76.8 115.2  
141 34.6 28.0 42.0





#43  
2,4,6-Trichlorophenol  
Concen: 44.896 ng  
RT: 9.116 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

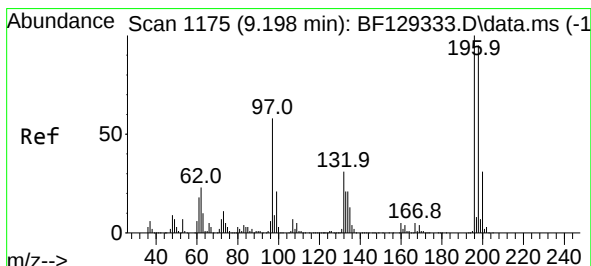
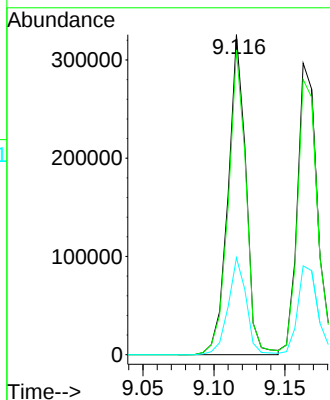
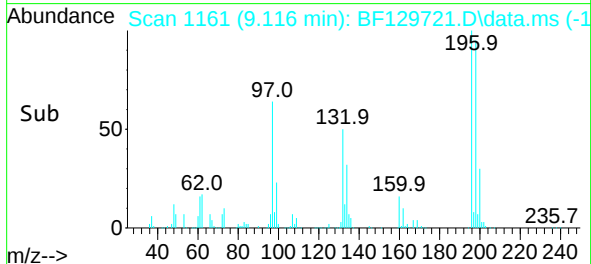
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



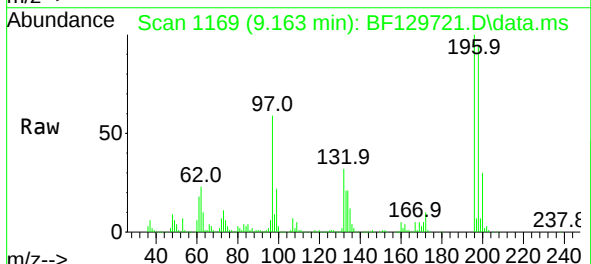
Tgt Ion:196 Resp: 284960  
Ion Ratio Lower Upper  
196 100  
198 95.2 74.0 111.0  
200 30.3 24.1 36.1

Manual Integrations  
APPROVED

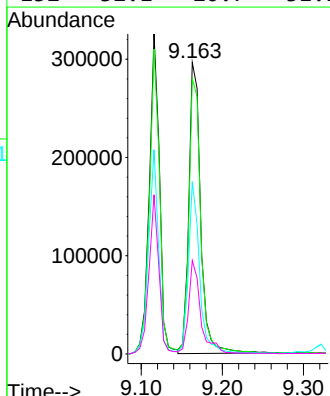
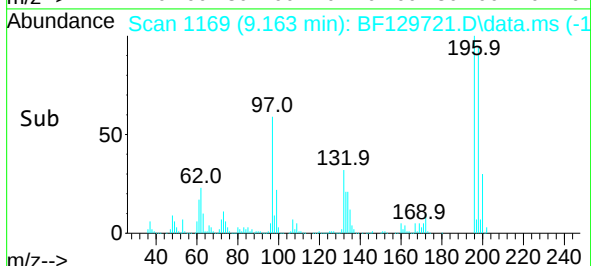
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

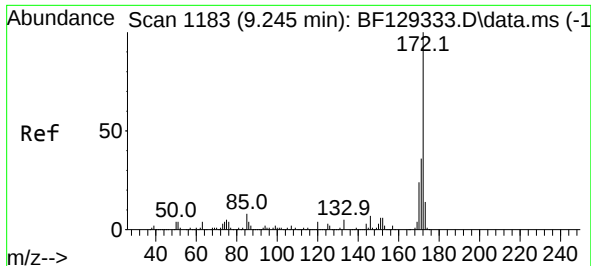


#44  
2,4,5-Trichlorophenol  
Concen: 43.261 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



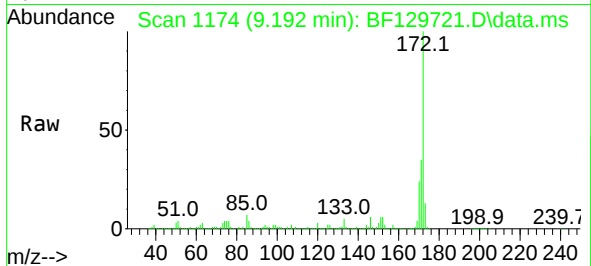
Tgt Ion:196 Resp: 298607  
Ion Ratio Lower Upper  
196 100  
198 94.4 75.7 113.5  
97 59.1 36.4 54.6#  
132 32.1 20.7 31.1#





#45  
2-Fluorobiphenyl  
Concen: 74.885 ng  
RT: 9.192 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

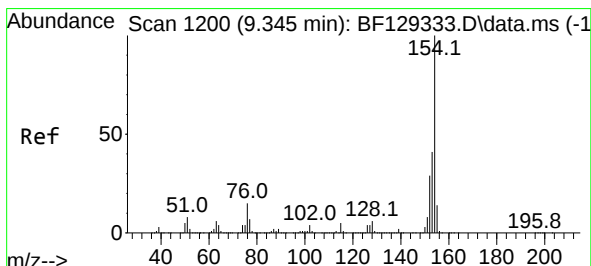
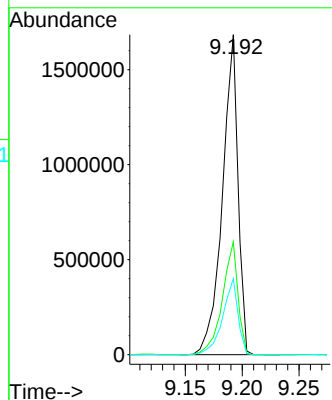
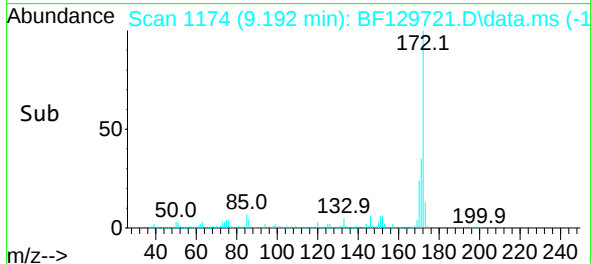
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



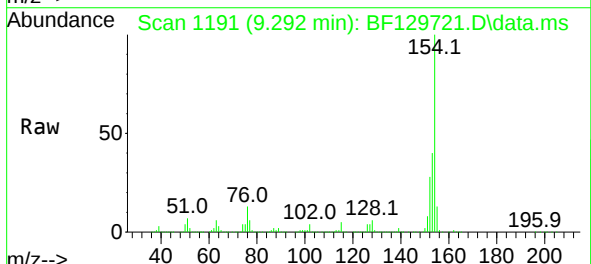
Tgt Ion:172 Resp: 1611100  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.8 43.2  
170 23.8 19.8 29.8

Manual Integrations  
APPROVED

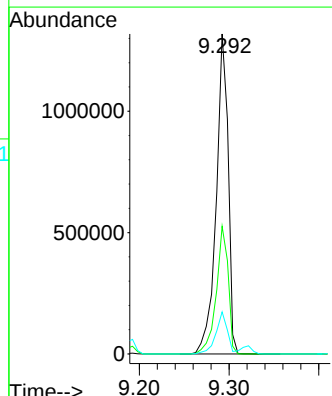
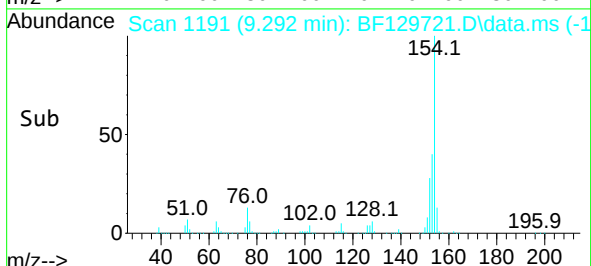
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

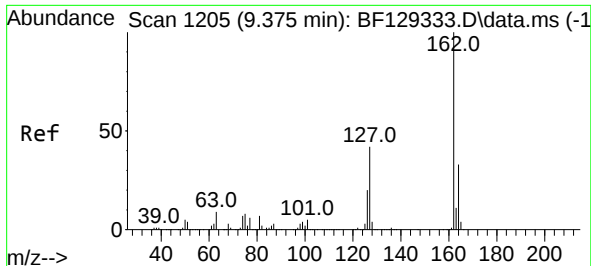


#46  
1,1'-Biphenyl  
Concen: 50.092 ng  
RT: 9.292 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



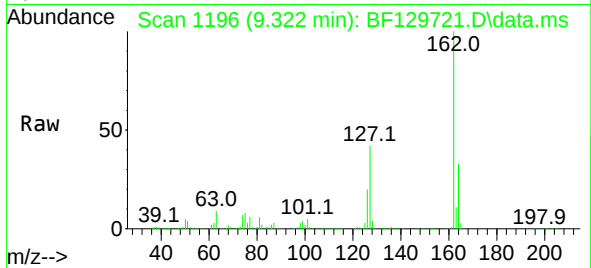
Tgt Ion:154 Resp: 1216685  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.6 60.6  
76 13.2 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 48.193 ng  
RT: 9.322 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

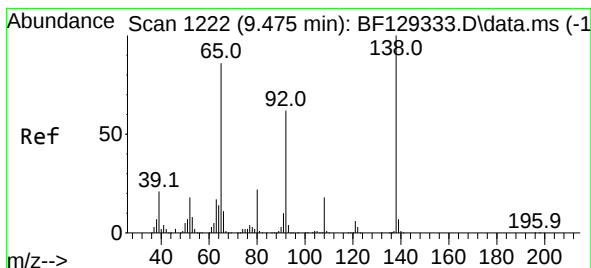
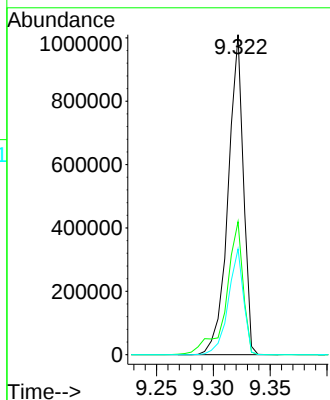
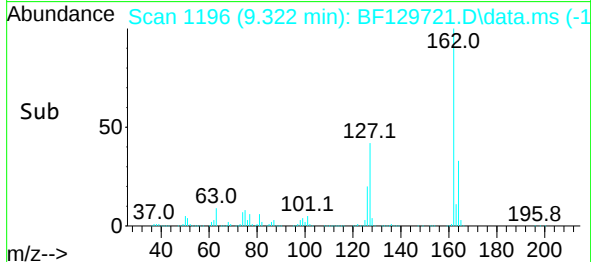
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:162 Resp: 94628  
Ion Ratio Lower Upper  
162 100  
127 41.6 34.5 51.7  
164 33.1 26.5 39.7

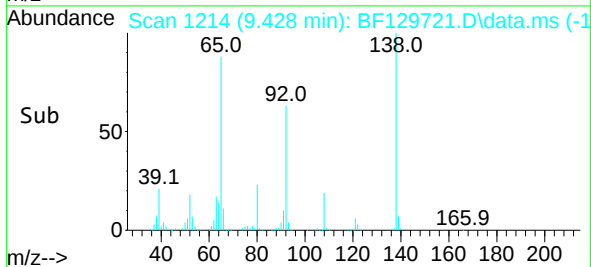
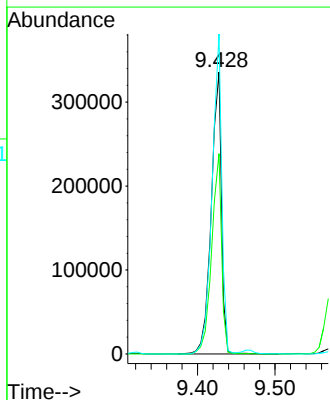
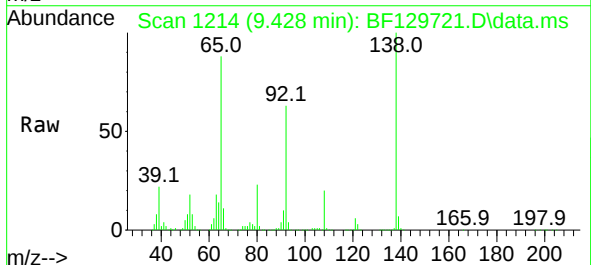
Manual Integrations  
APPROVED

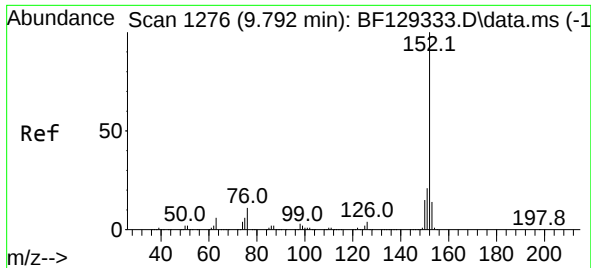
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#48  
2-Nitroaniline  
Concen: 47.125 ng  
RT: 9.428 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

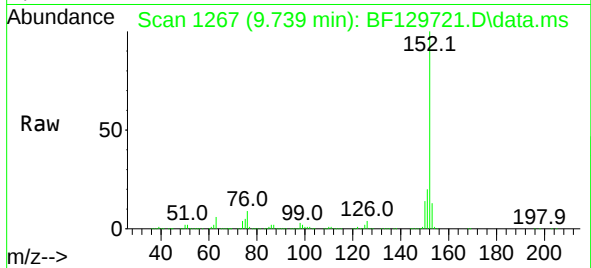
Tgt Ion: 65 Resp: 307685  
Ion Ratio Lower Upper  
65 100  
92 71.1 51.9 77.9  
138 113.5 76.4 114.6





#49  
Acenaphthylene  
Concen: 47.579 ng  
RT: 9.739 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

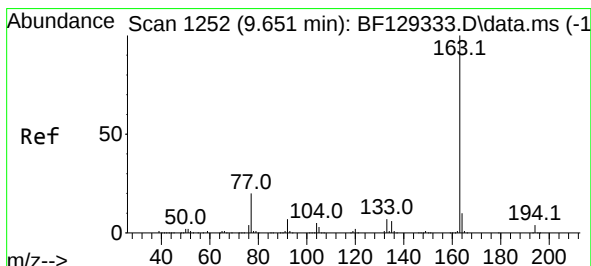
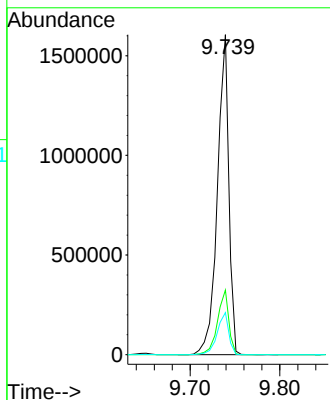
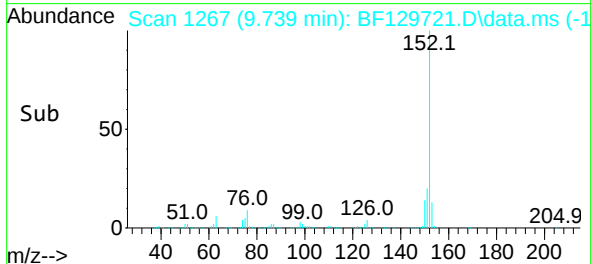
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



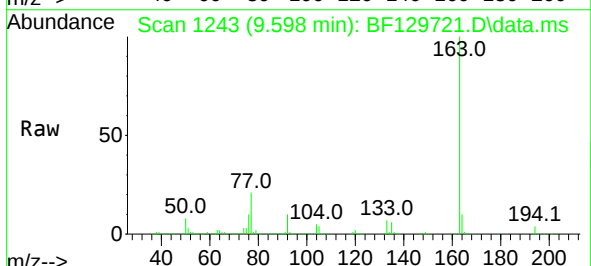
Tgt Ion:152 Resp: 1419540  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 13.1 10.7 16.1

Manual Integrations  
APPROVED

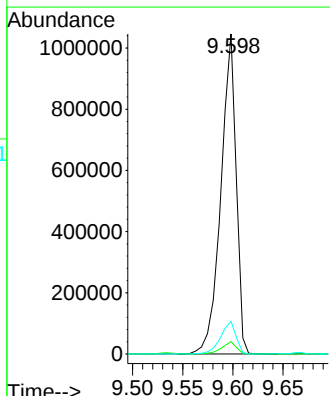
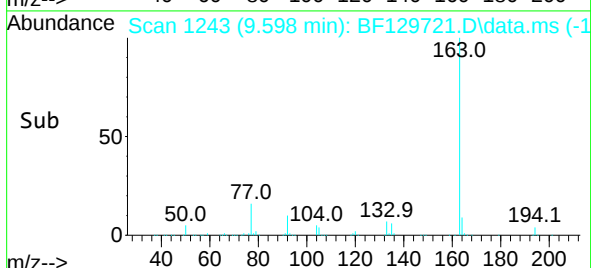
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

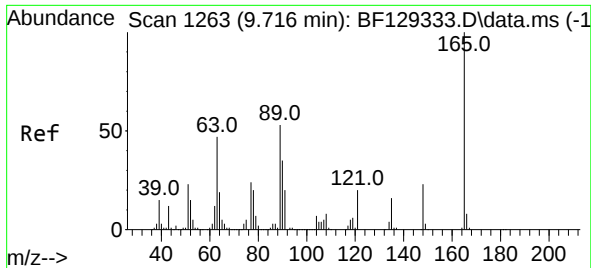


#50  
Dimethylphthalate  
Concen: 48.024 ng  
RT: 9.598 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



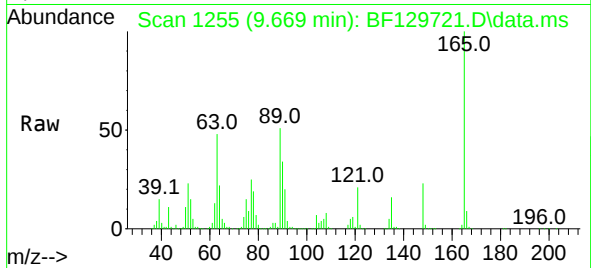
Tgt Ion:163 Resp: 1103363  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 47.961 ng  
RT: 9.669 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

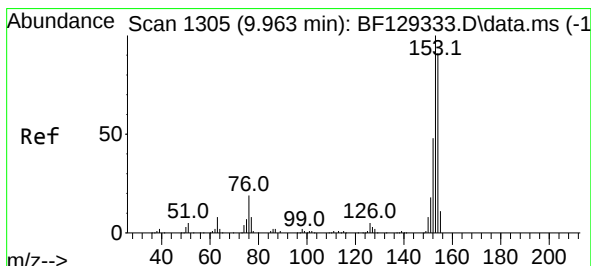
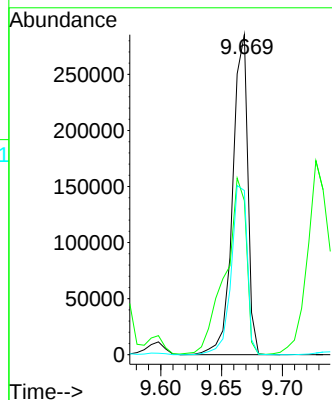
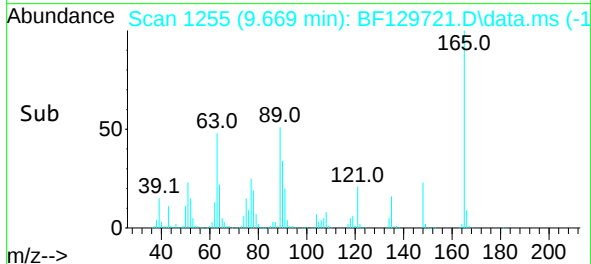
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:165 Resp: 24663  
Ion Ratio Lower Upper  
165 100  
63 48.2 44.9 67.3  
89 51.3 43.6 65.4

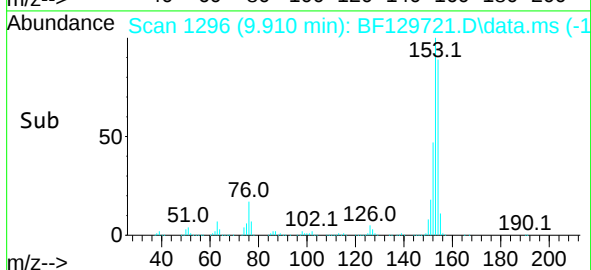
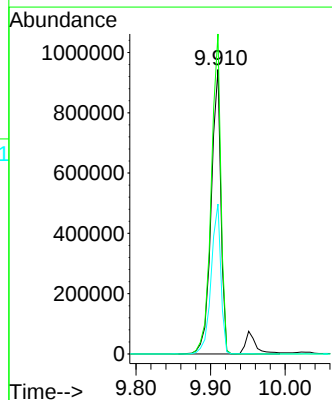
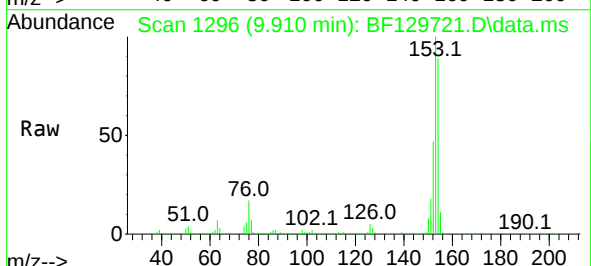
Manual Integrations  
APPROVED

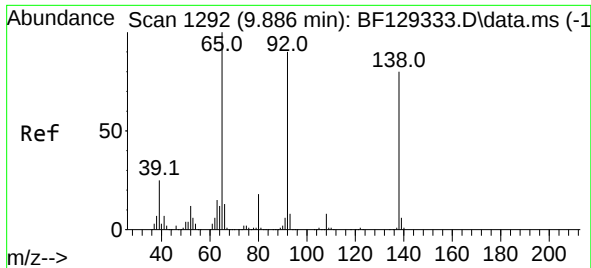
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#52  
Acenaphthene  
Concen: 47.368 ng m  
RT: 9.910 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

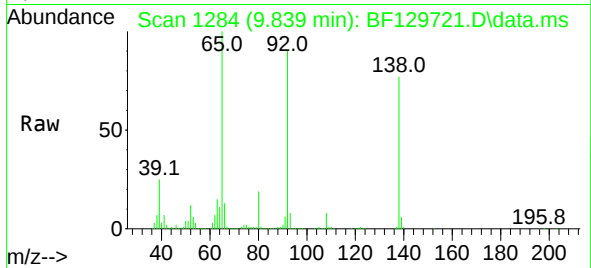
Tgt Ion:154 Resp: 923052  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.6 134.4  
152 52.7 42.4 63.6





#53  
3-Nitroaniline  
Concen: 39.384 ng  
RT: 9.839 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

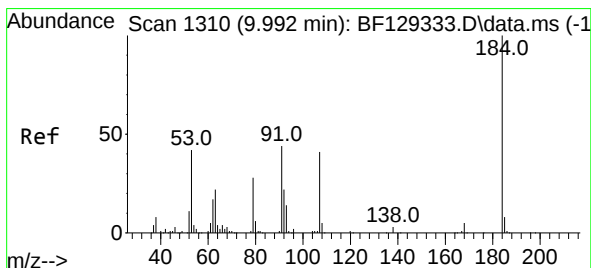
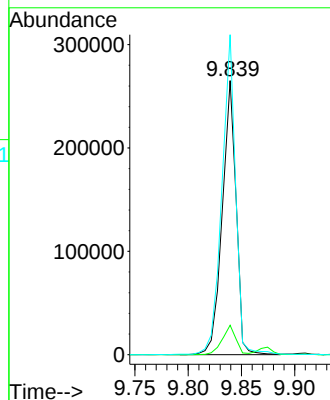
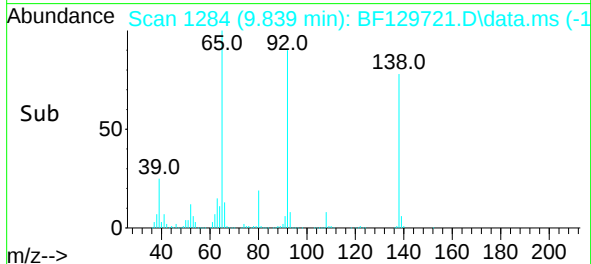
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



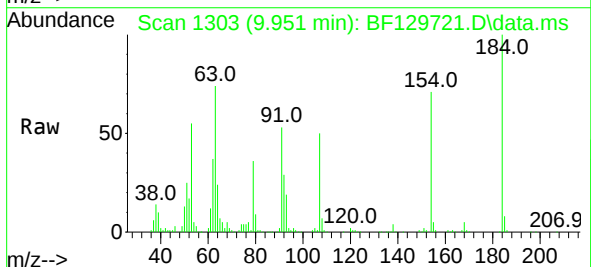
Tgt Ion:138 Resp: 23914  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.9 16.3  
92 116.8 98.2 147.2

Manual Integrations  
APPROVED

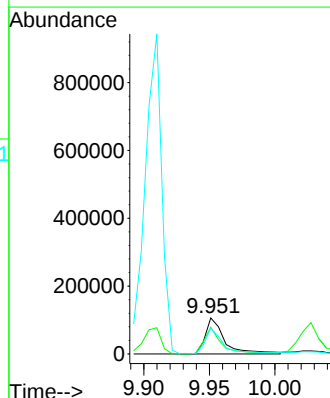
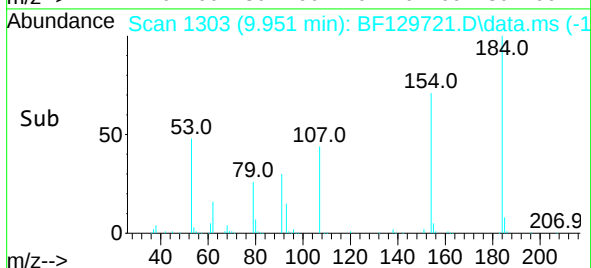
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

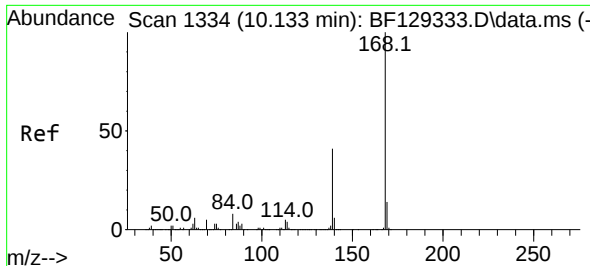


#54  
2,4-Dinitrophenol  
Concen: 41.507 ng  
RT: 9.951 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



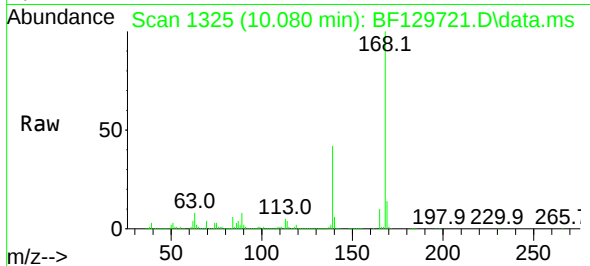
Tgt Ion:184 Resp: 108963  
Ion Ratio Lower Upper  
184 100  
63 74.2 64.5 96.7  
154 71.2 50.6 75.8





#55  
Dibenzenofuran  
Concen: 47.217 ng  
RT: 10.080 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

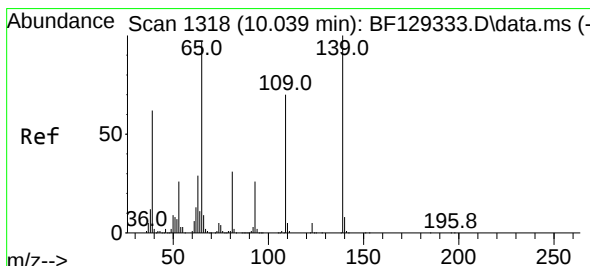
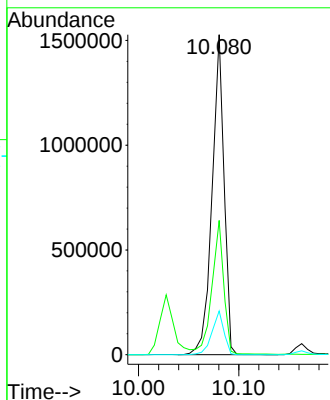
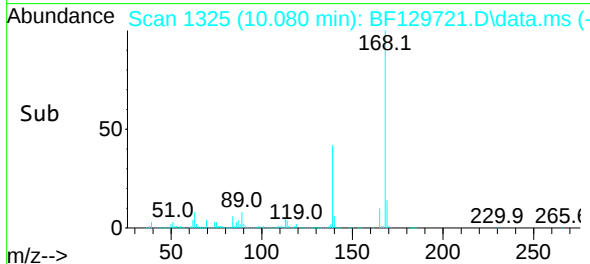
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:168 Resp: 1268384  
Ion Ratio Lower Upper  
168 100  
139 41.9 30.6 46.0  
169 13.7 11.0 16.6

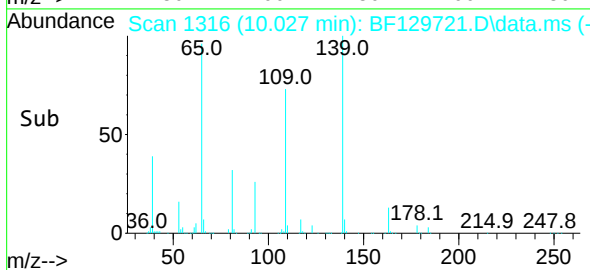
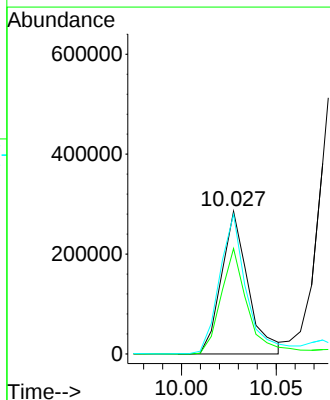
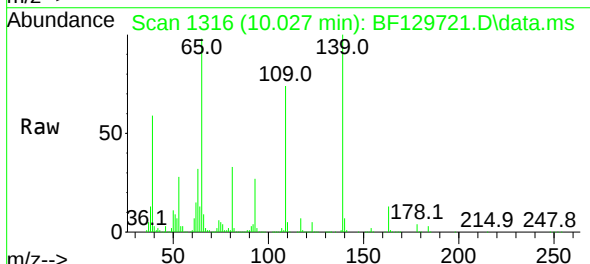
Manual Integrations  
APPROVED

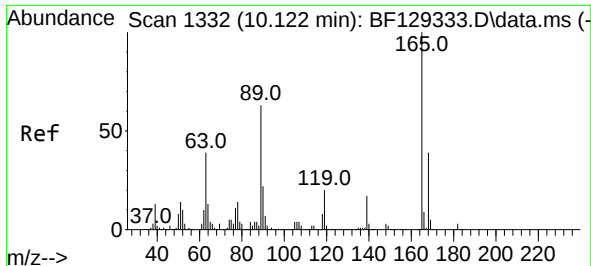
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#56  
4-Nitrophenol  
Concen: 62.293 ng  
RT: 10.027 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:139 Resp: 279062  
Ion Ratio Lower Upper  
139 100  
109 73.9 50.7 90.7  
65 97.9 74.5 114.5





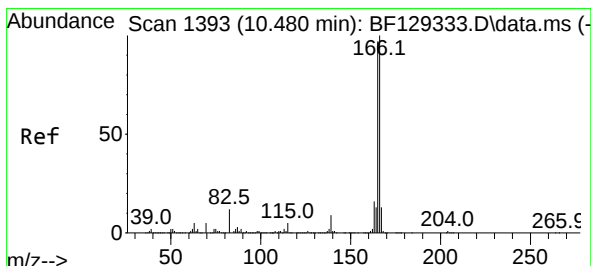
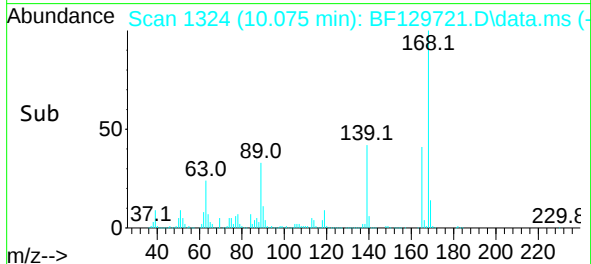
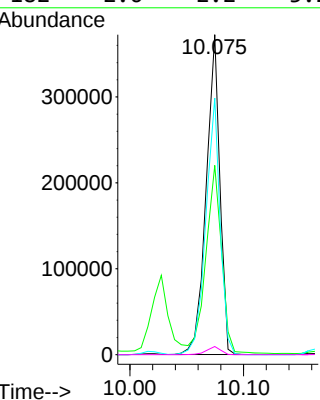
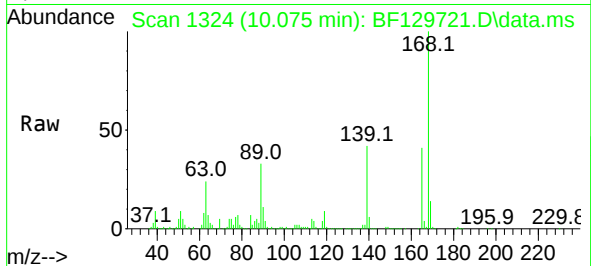
#57  
2,4-Dinitrotoluene  
Concen: 46.654 ng  
RT: 10.075 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion:165 Resp: 31340  
Ion Ratio Lower Upper  
165 100  
63 59.1 39.8 59.6  
89 80.2 60.2 90.2  
182 2.6 2.2 3.2

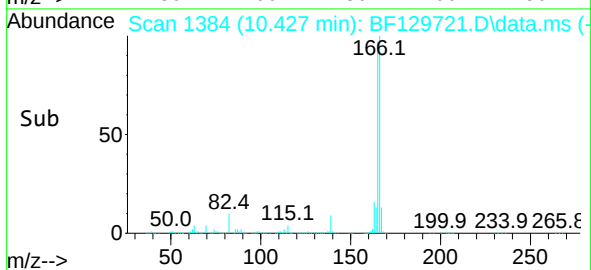
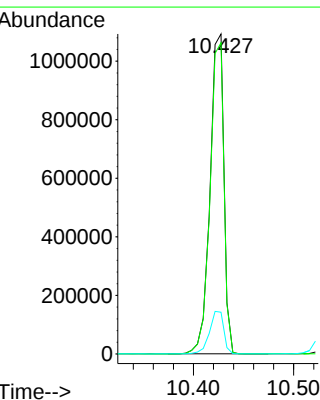
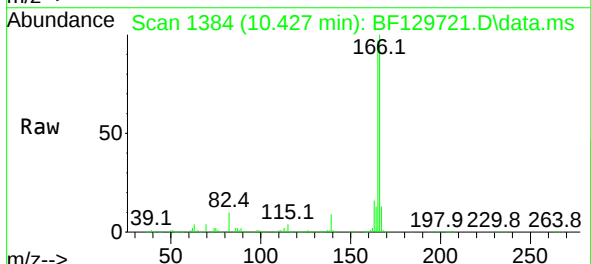
Manual Integrations  
APPROVED

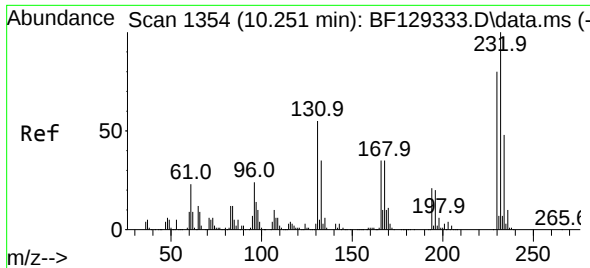
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#58  
Fluorene  
Concen: 48.753 ng  
RT: 10.427 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

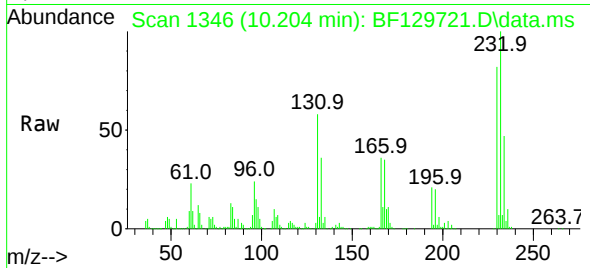
Tgt Ion:166 Resp: 1047882  
Ion Ratio Lower Upper  
166 100  
165 97.2 78.1 117.1  
167 13.0 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.860 ng m  
RT: 10.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

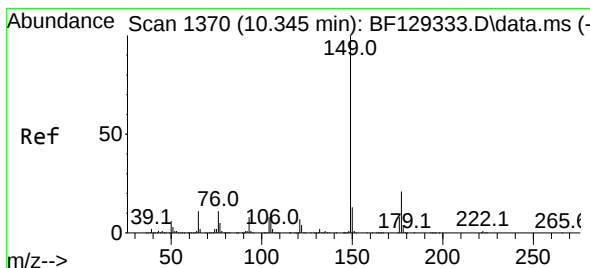
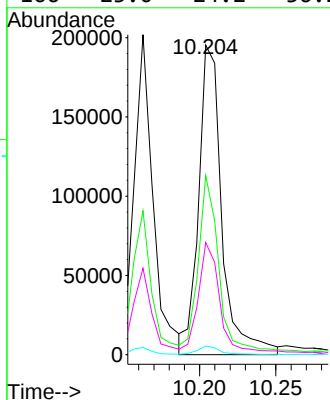
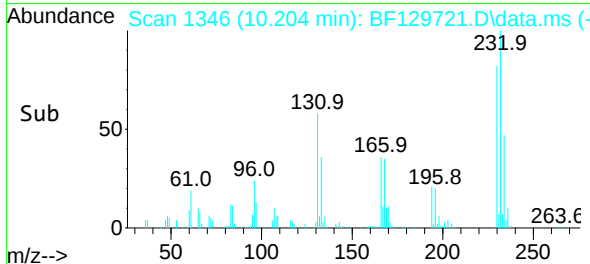
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:232 Resp: 207284  
Ion Ratio Lower Upper  
232 100  
131 38.3 36.1 54.1  
130 2.1 1.8 2.8  
166 23.0 24.2 36.2#

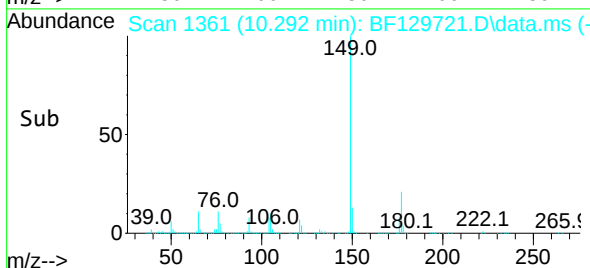
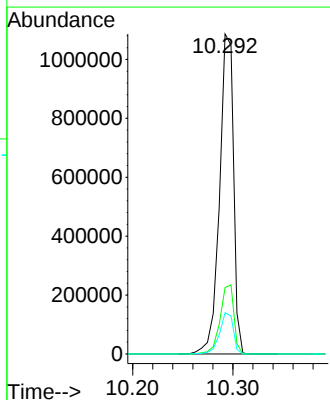
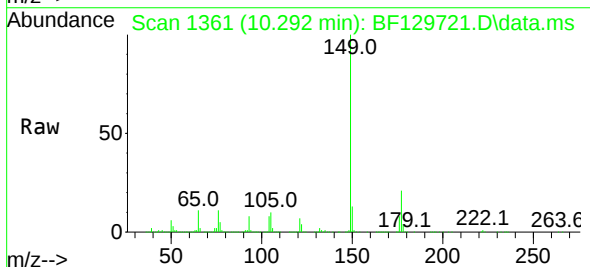
Manual Integrations  
APPROVED

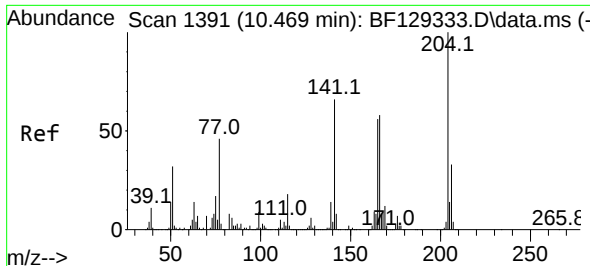
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#60  
Diethylphthalate  
Concen: 47.358 ng  
RT: 10.292 min Scan# 1361  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

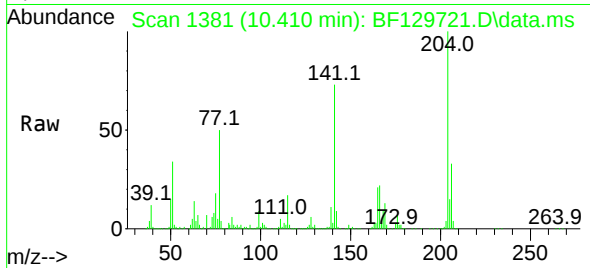
Tgt Ion:149 Resp: 1051814  
Ion Ratio Lower Upper  
149 100  
177 20.8 17.3 25.9  
150 12.9 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 49.262 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

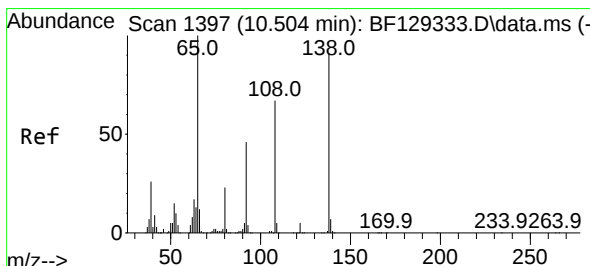
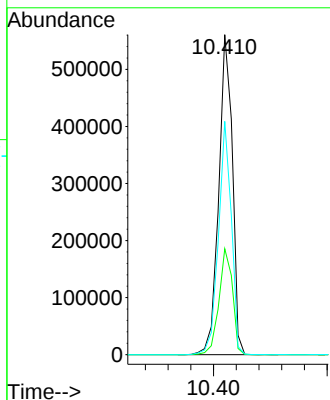
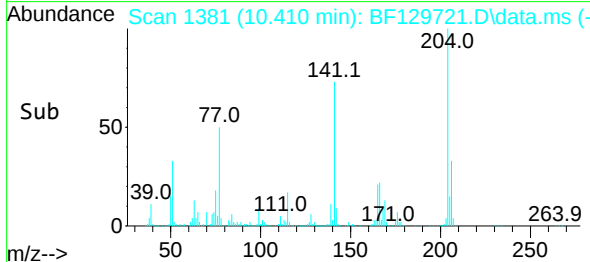
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion:204 Resp: 46679  
Ion Ratio Lower Upper  
204 100  
206 33.1 25.8 38.6  
141 72.9 47.0 70.4

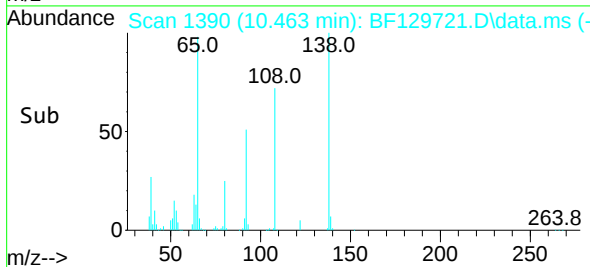
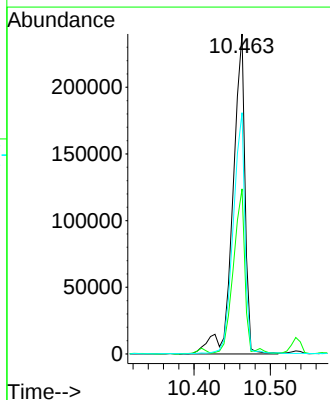
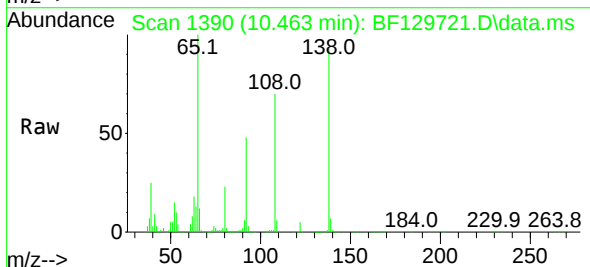
Manual Integrations  
APPROVED

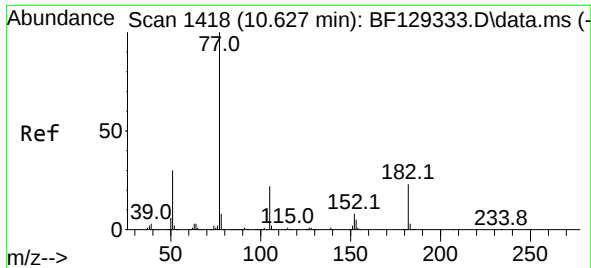
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#62  
4-Nitroaniline  
Concen: 43.899 ng m  
RT: 10.463 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

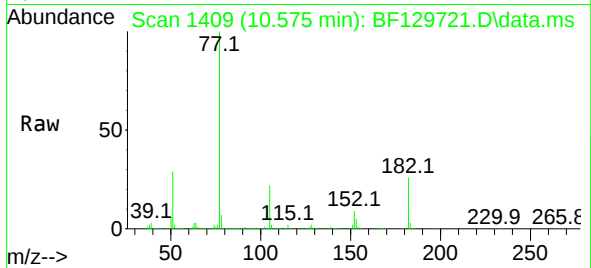
Tgt Ion:138 Resp: 264438  
Ion Ratio Lower Upper  
138 100  
92 51.6 33.5 73.5  
108 75.4 61.0 101.0





#63  
Azobenzene  
Concen: 45.535 ng  
RT: 10.575 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

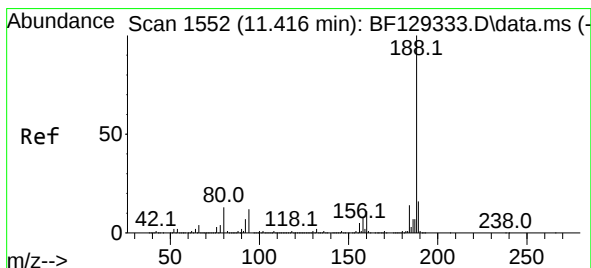
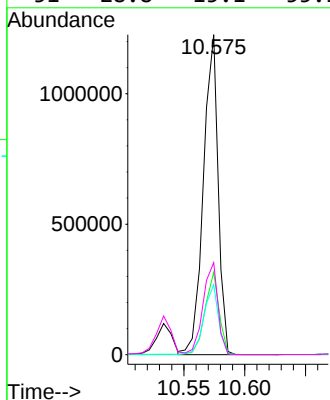
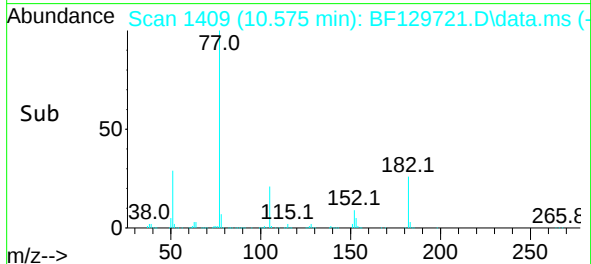
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



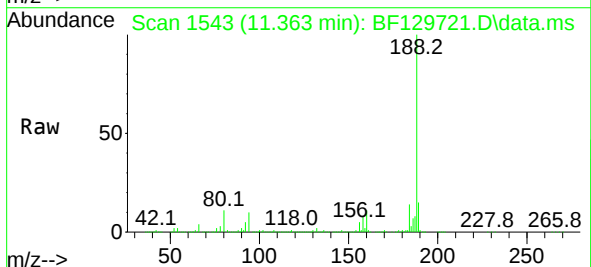
Tgt Ion: 77 Resp: 1031512  
Ion Ratio Lower Upper  
77 100  
182 25.8 5.6 45.6  
105 21.9 1.6 41.6  
51 28.8 15.1 55.1

Manual Integrations  
APPROVED

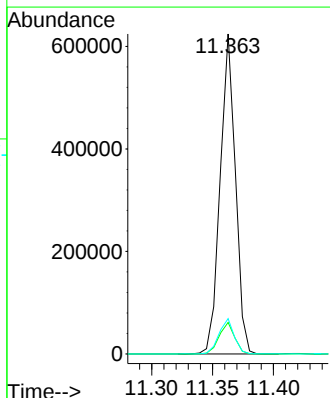
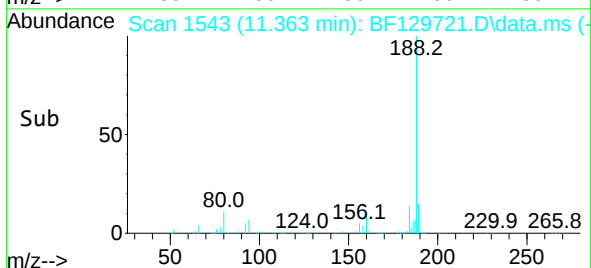
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

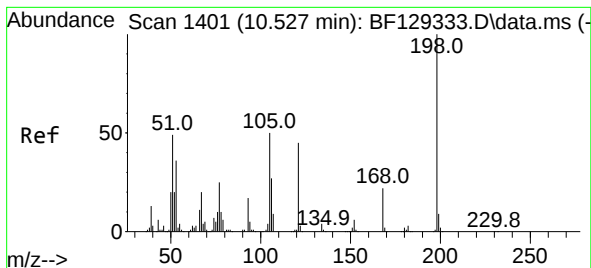


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



Tgt Ion:188 Resp: 546742  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.0 10.6  
80 11.1 7.6 11.4





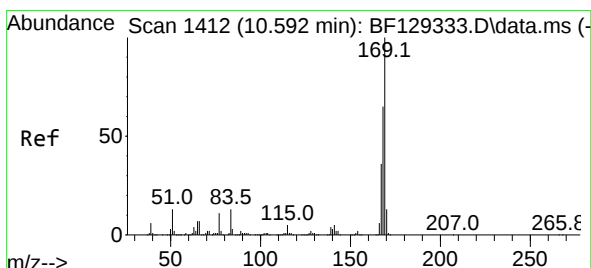
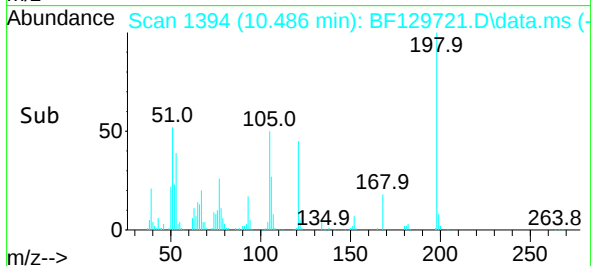
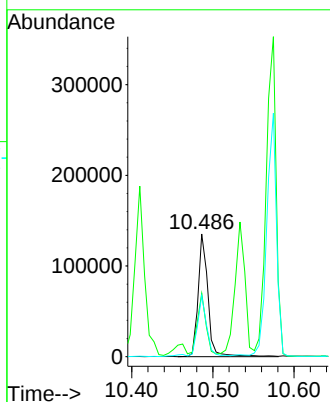
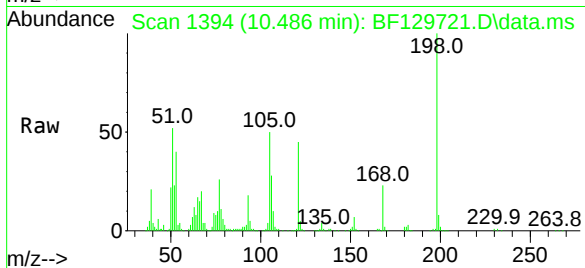
#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.146 ng  
RT: 10.486 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion:198 Resp: 11438  
Ion Ratio Lower Upper  
198 100  
51 51.6 37.6 77.6  
105 49.9 27.0 67.0

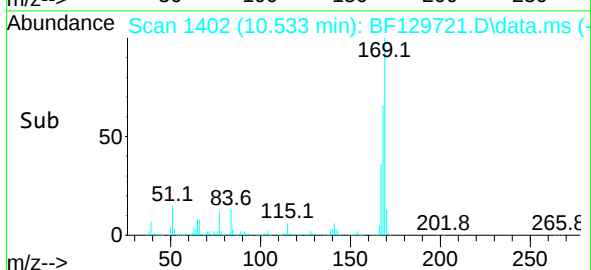
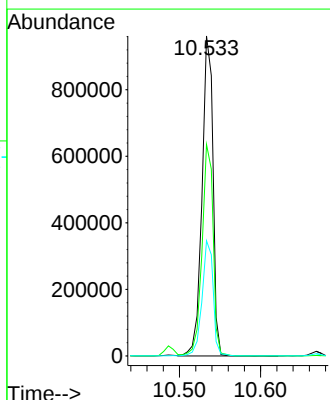
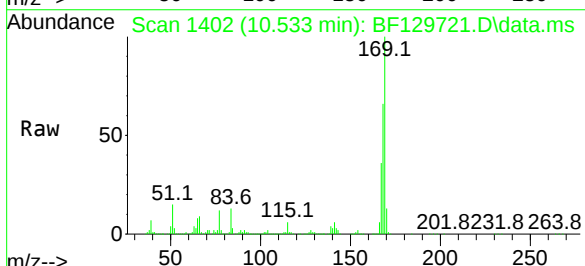
Manual Integrations  
APPROVED

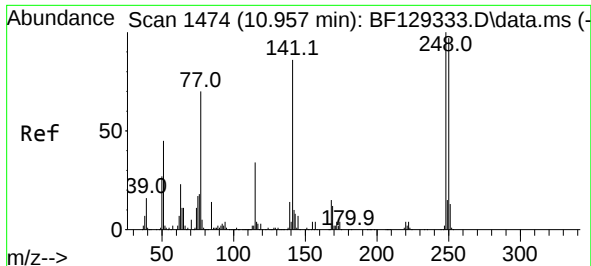
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#66  
n-Nitrosodiphenylamine  
Concen: 49.417 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

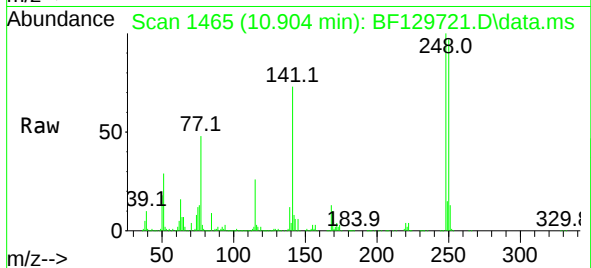
Tgt Ion:169 Resp: 899772  
Ion Ratio Lower Upper  
169 100  
168 66.1 50.1 75.1  
167 36.0 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 50.517 ng  
RT: 10.904 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

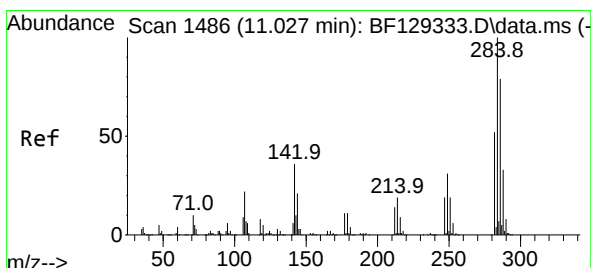
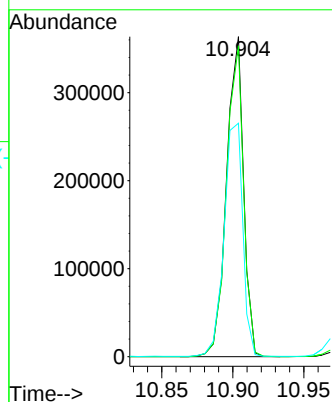
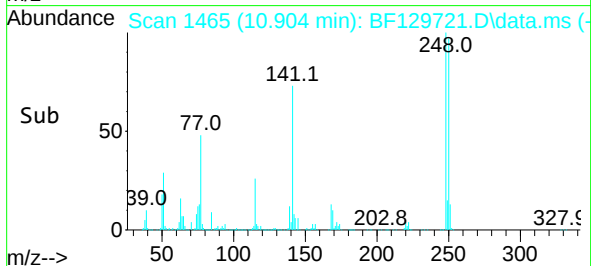
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



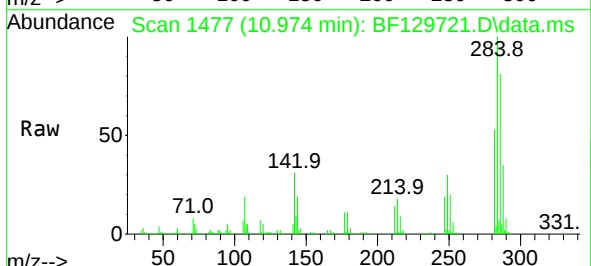
Tgt Ion:248 Resp: 302440  
Ion Ratio Lower Upper  
248 100  
250 97.1 80.6 120.8  
141 72.9 58.9 88.3

Manual Integrations  
APPROVED

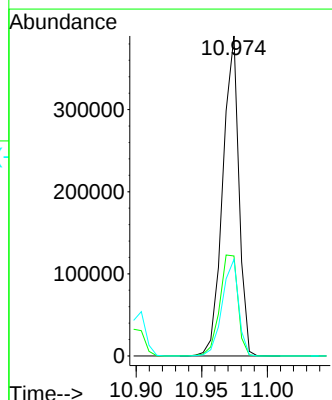
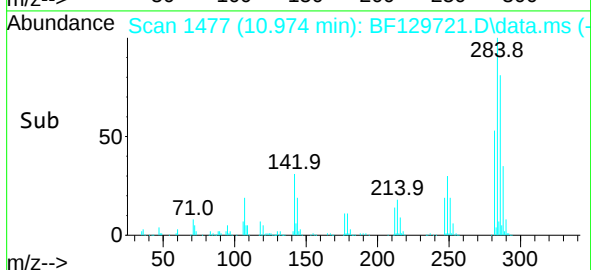
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

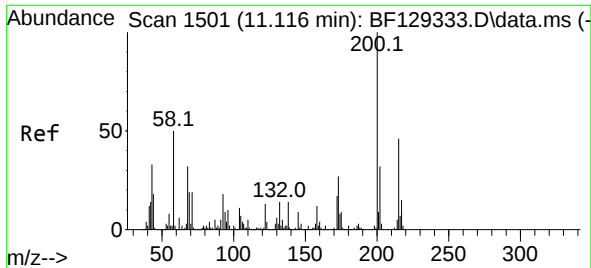


#68  
Hexachlorobenzene  
Concen: 51.213 ng  
RT: 10.974 min Scan# 1477  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



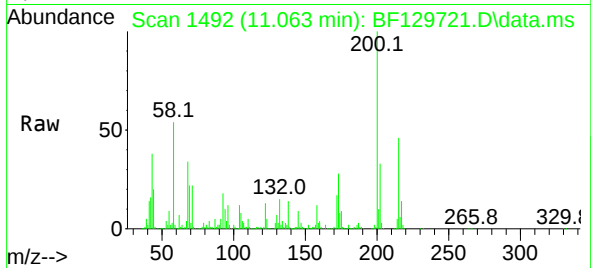
Tgt Ion:284 Resp: 332220  
Ion Ratio Lower Upper  
284 100  
142 31.2 29.0 43.4  
249 30.1 25.0 37.6





#69  
 Atrazine  
 Concen: 51.974 ng  
 RT: 11.063 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF129721.D  
 Acq: 11 Aug 2022 18:23

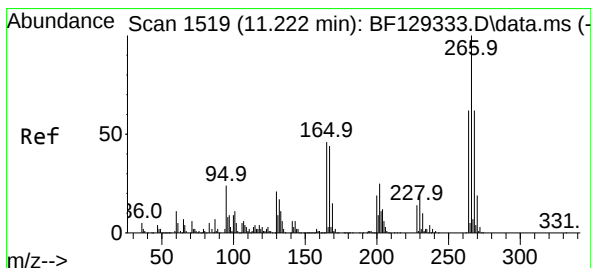
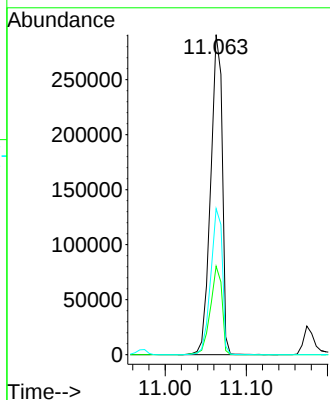
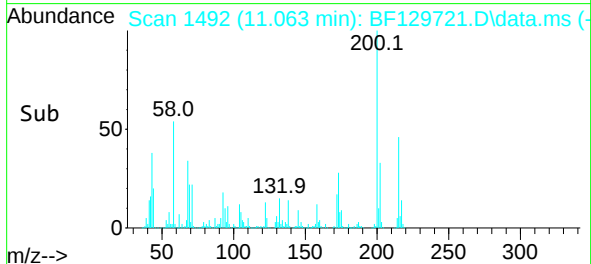
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB07MS



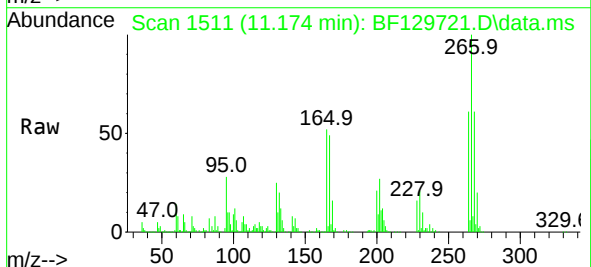
Tgt Ion:200 Resp: 28744  
 Ion Ratio Lower Upper  
 200 100  
 173 27.6 6.3 46.3  
 215 45.7 28.3 68.3

Manual Integrations  
 APPROVED

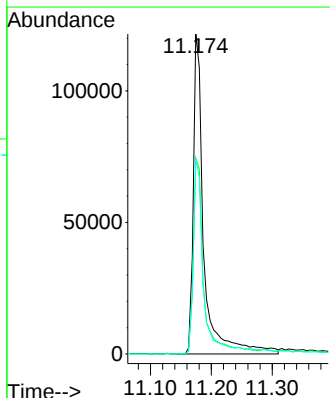
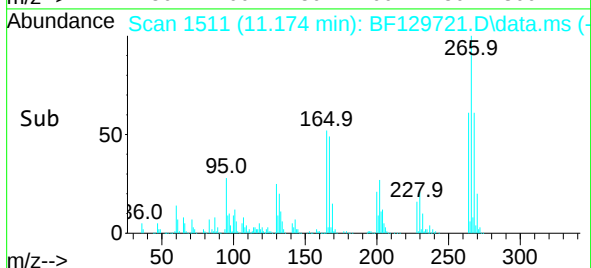
Reviewed By :Christian Giraldo 08/12/2022  
 Supervised By :Jagrut Upadhyay 08/12/2022

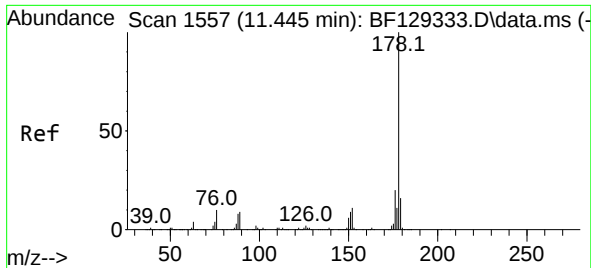


#70  
 Pentachlorophenol  
 Concen: 41.708 ng  
 RT: 11.174 min Scan# 1511  
 Delta R.T. -0.006 min  
 Lab File: BF129721.D  
 Acq: 11 Aug 2022 18:23



Tgt Ion:266 Resp: 147085  
 Ion Ratio Lower Upper  
 266 100  
 268 61.1 51.0 76.4  
 264 61.0 49.4 74.2





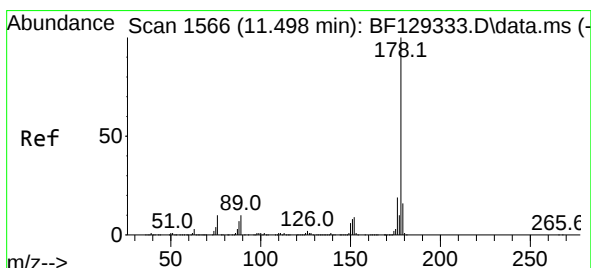
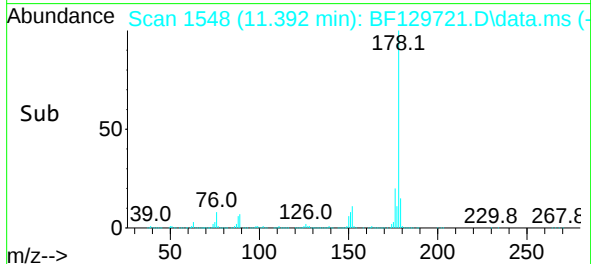
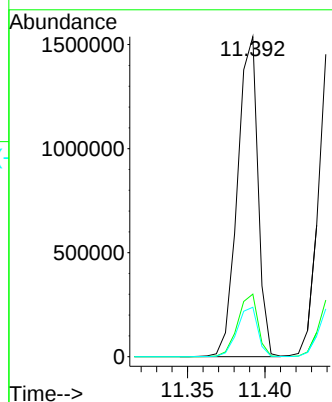
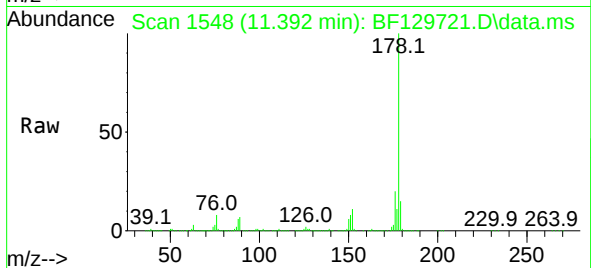
#71  
Phenanthrene  
Concen: 47.305 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion:178 Resp: 141182  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 15.5 12.6 19.0

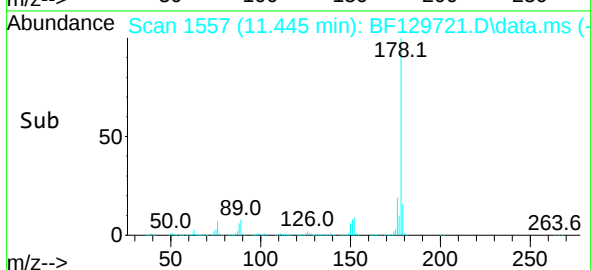
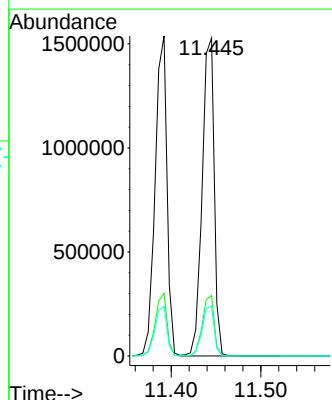
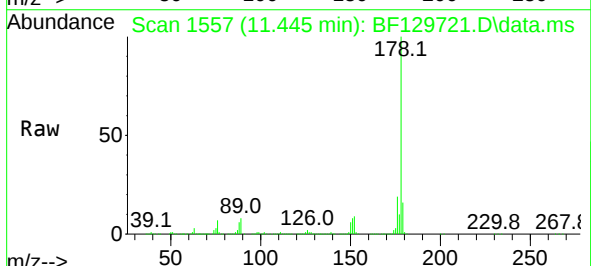
Manual Integrations  
APPROVED

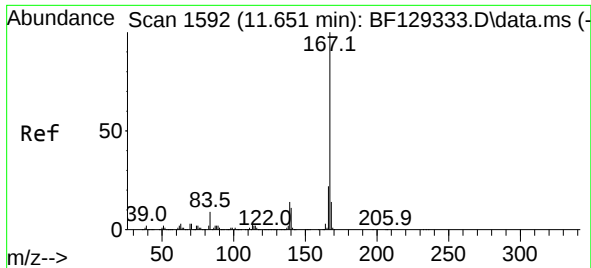
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#72  
Anthracene  
Concen: 48.482 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

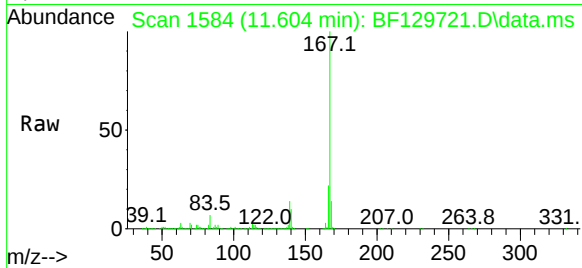
Tgt Ion:178 Resp: 1421934  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.6 12.6 19.0





#73  
Carbazole  
Concen: 46.788 ng  
RT: 11.604 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

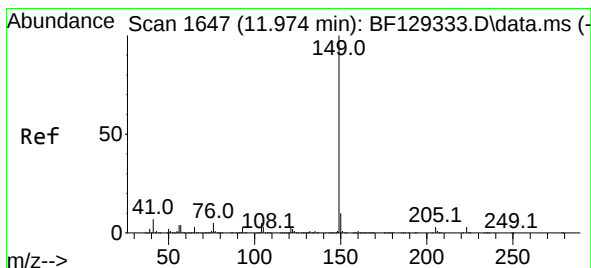
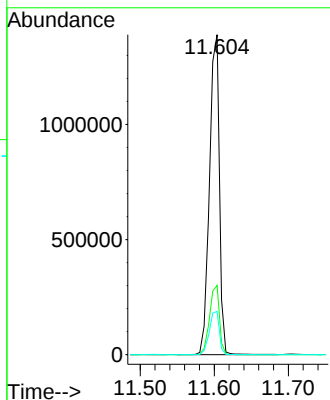
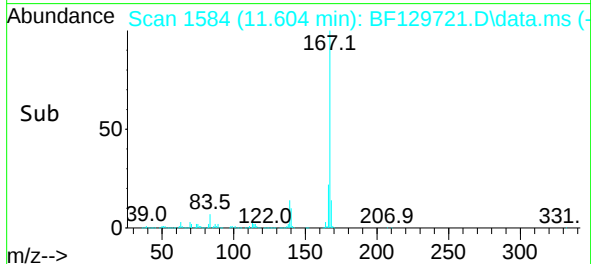
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



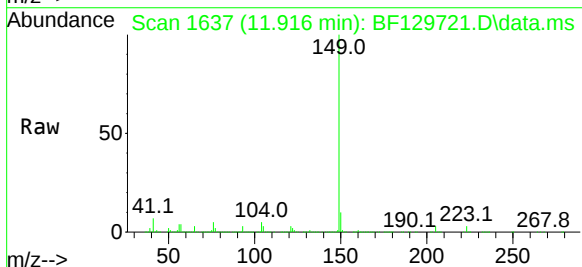
Tgt Ion:167 Resp: 1291770  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.7 26.5  
139 13.5 11.2 16.8

Manual Integrations  
APPROVED

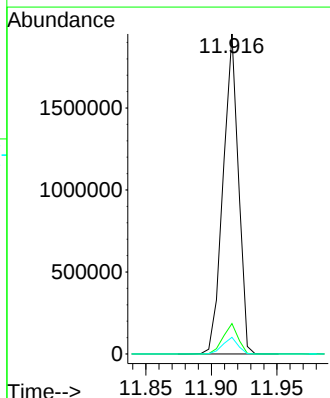
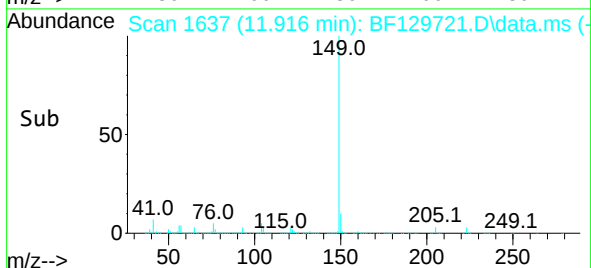
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

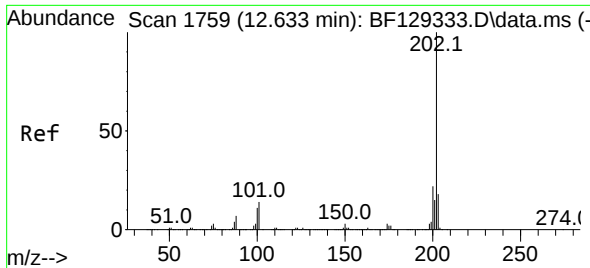


#74  
Di-n-butylphthalate  
Concen: 48.127 ng  
RT: 11.916 min Scan# 1637  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



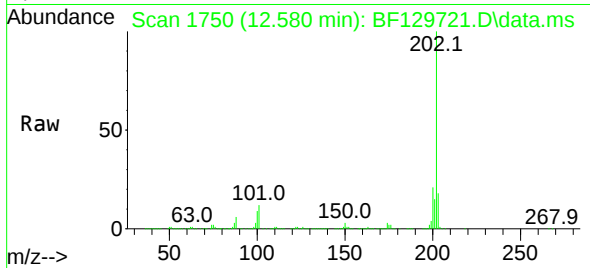
Tgt Ion:149 Resp: 1582376  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 5.2 4.4 6.6





#75  
Fluoranthene  
Concen: 42.448 ng  
RT: 12.580 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

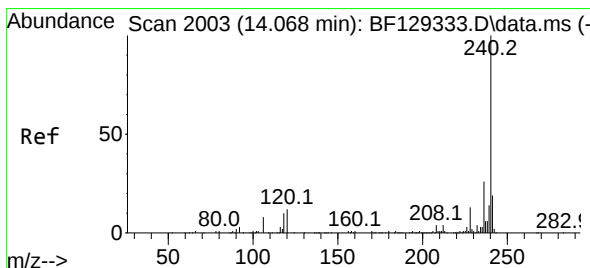
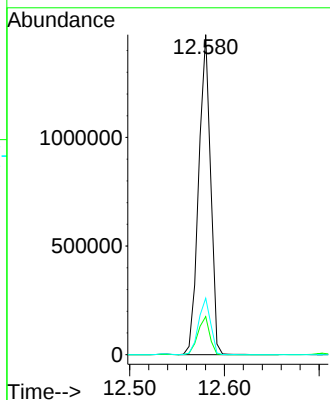
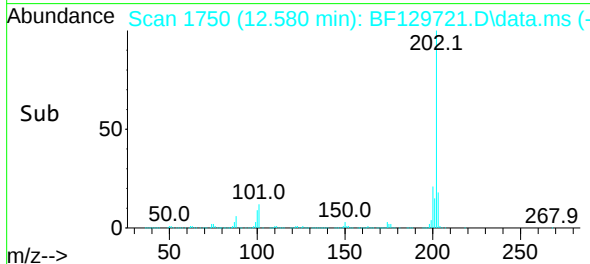
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



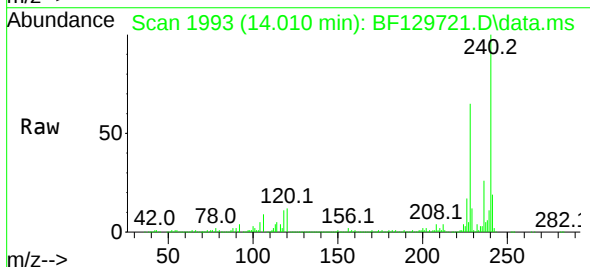
Tgt Ion:202 Resp: 1283640  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 31.4  
203 17.7 0.0 38.0

Manual Integrations  
APPROVED

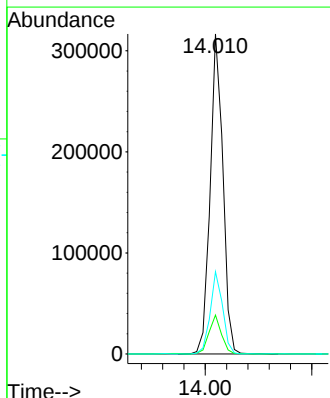
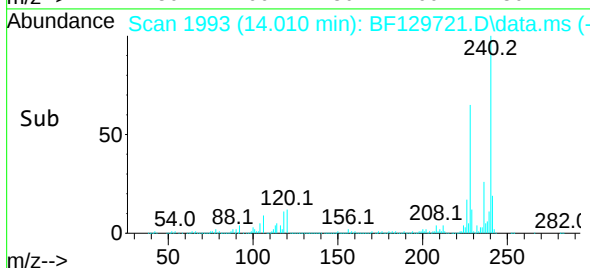
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

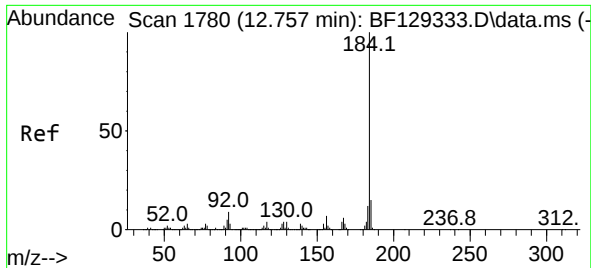


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. -0.012 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



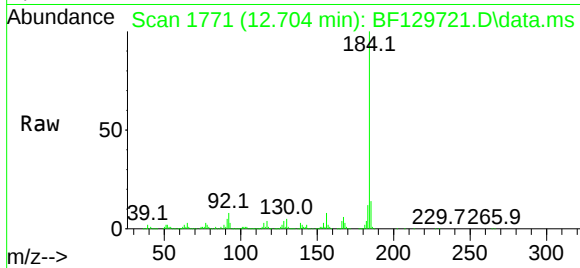
Tgt Ion:240 Resp: 262670  
Ion Ratio Lower Upper  
240 100  
120 12.2 8.9 13.3  
236 25.7 20.8 31.2





#77  
Benzidine  
Concen: 84.234 ng  
RT: 12.704 min Scan# 1771  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

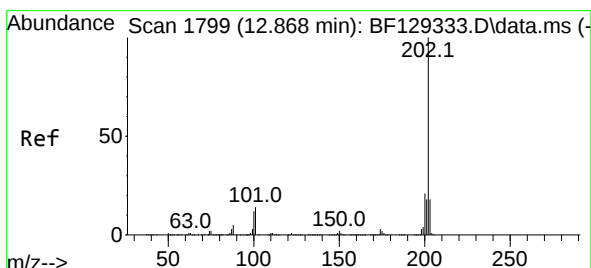
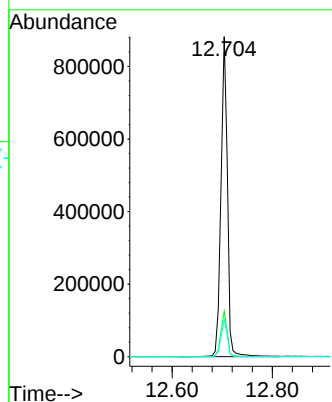
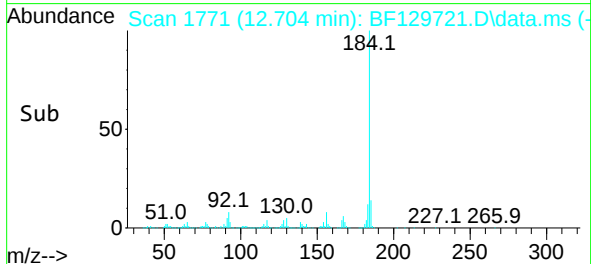
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



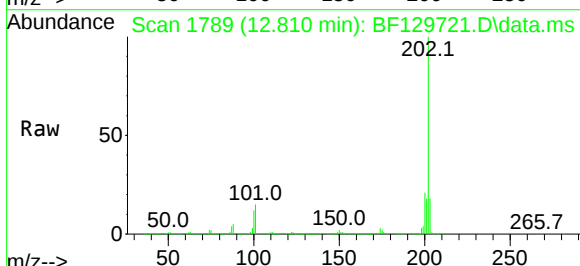
Tgt Ion:184 Resp: 781652  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.9 17.9  
183 11.5 9.3 13.9

Manual Integrations  
APPROVED

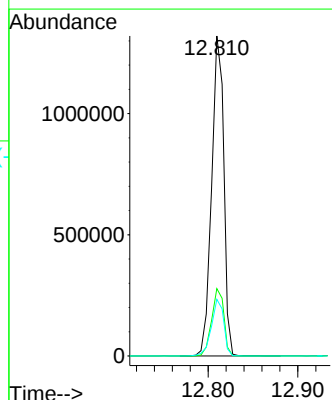
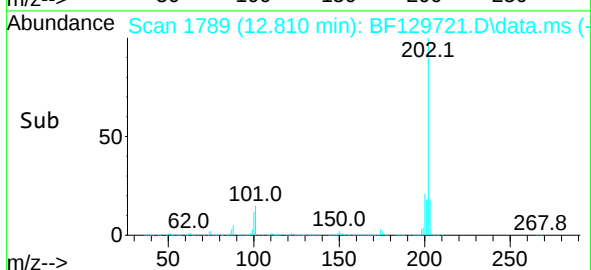
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

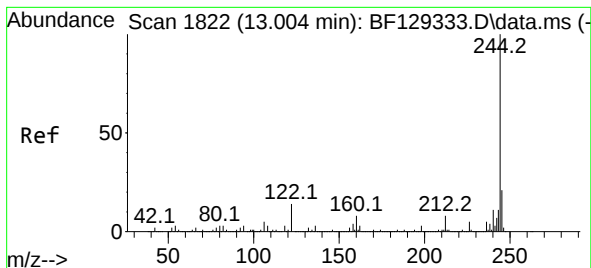


#78  
Pyrene  
Concen: 56.591 ng  
RT: 12.810 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



Tgt Ion:202 Resp: 1243040  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.7 26.5  
203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 100.430 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF129721.D

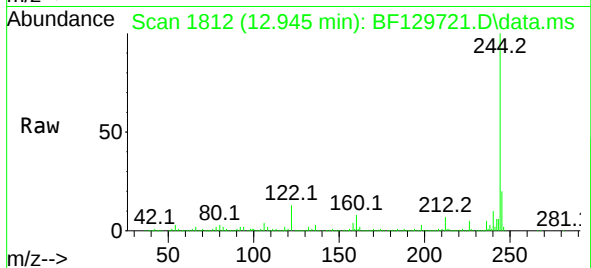
Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS



Tgt Ion:244 Resp: 139829

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

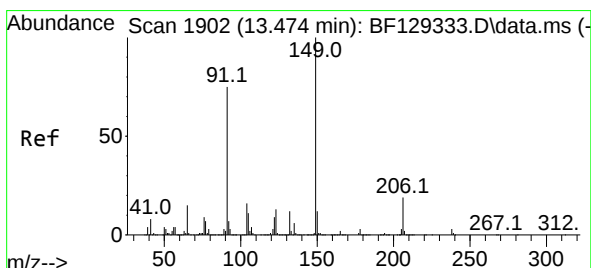
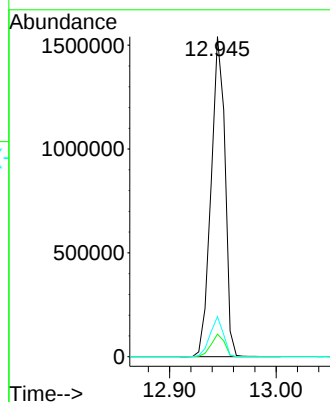
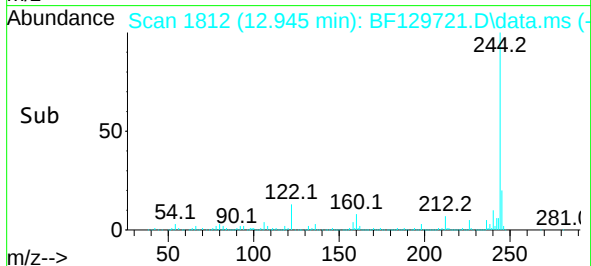
122 12.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#80

Butylbenzylphthalate

Concen: 52.691 ng

RT: 13.416 min Scan# 1892

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

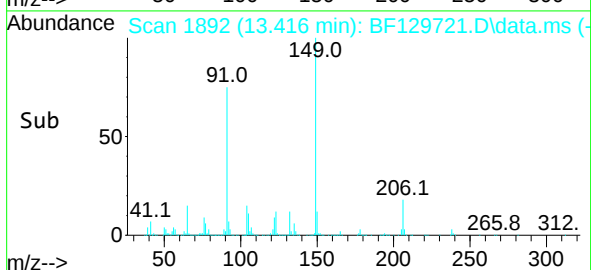
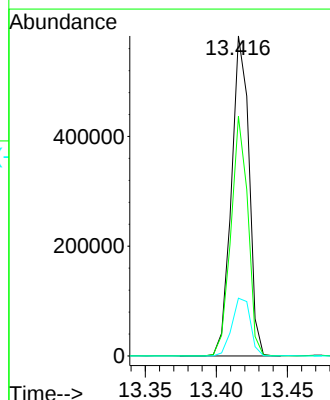
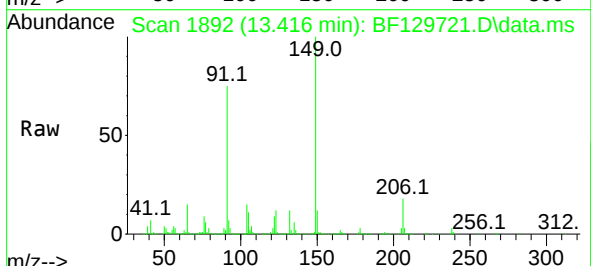
Tgt Ion:149 Resp: 502011

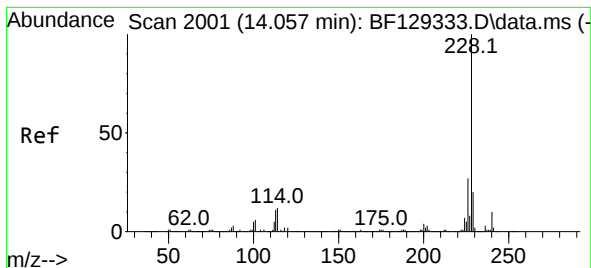
Ion Ratio Lower Upper

149 100

91 74.8 61.2 91.8

206 18.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 46.931 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS

Tgt Ion:228 Resp: 842078

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

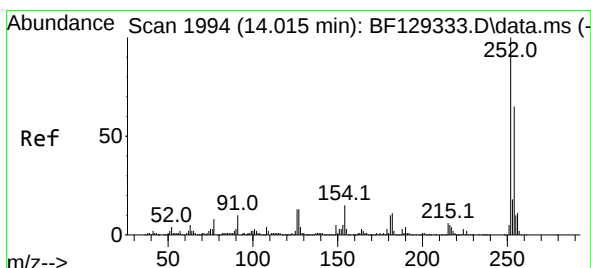
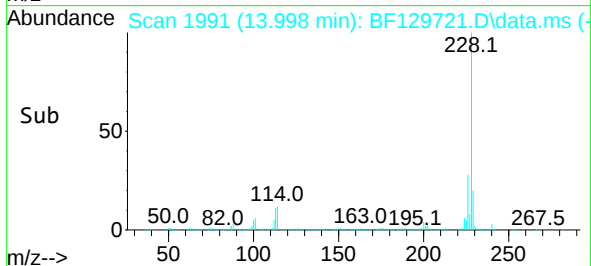
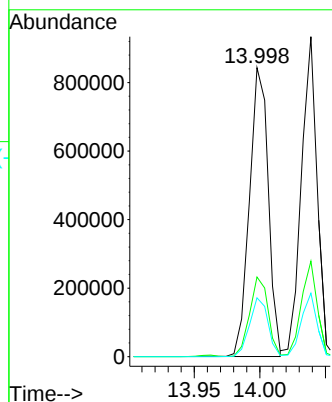
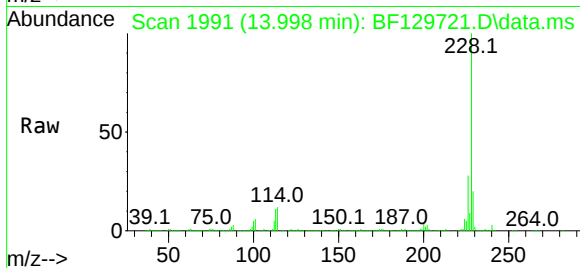
229 20.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#82

3,3'-Dichlorobenzidine

Concen: 39.359 ng

RT: 13.963 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

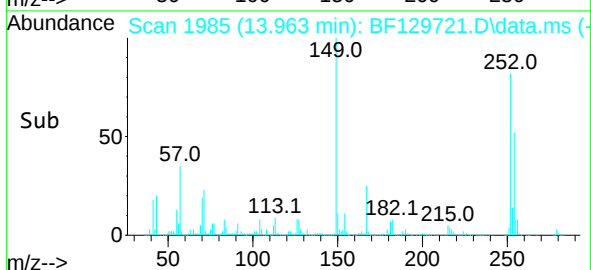
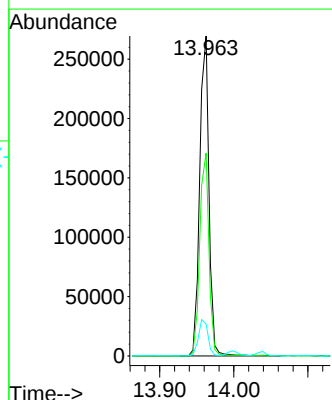
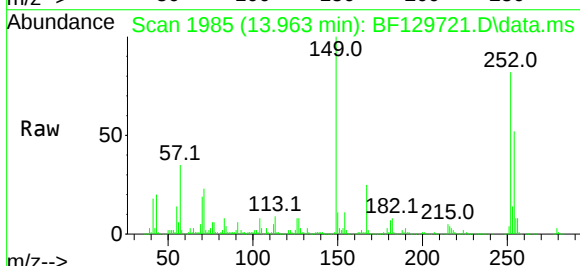
Tgt Ion:252 Resp: 233168

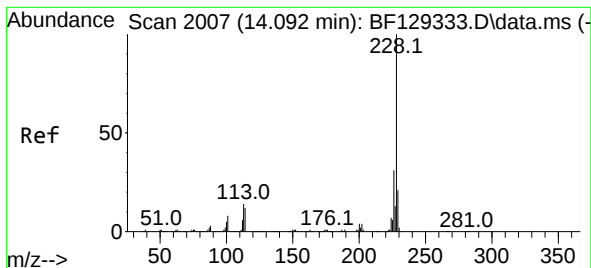
Ion Ratio Lower Upper

252 100

254 63.4 50.2 75.4

126 10.0 8.2 12.4





#83

Chrysene

Concen: 46.293 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

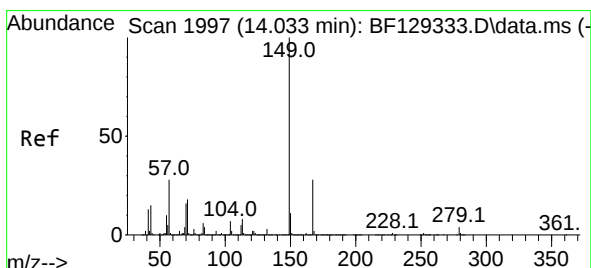
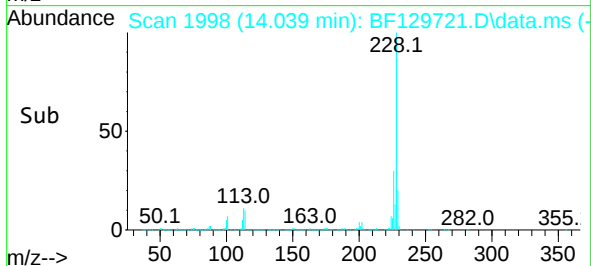
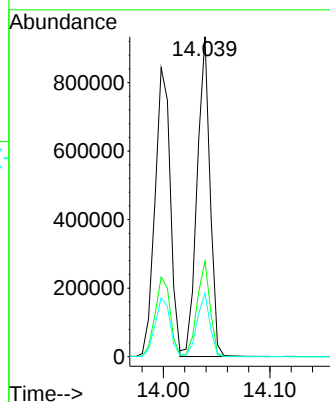
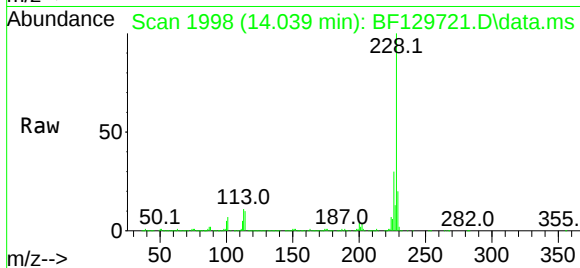
SB07MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 78284 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.8  | 24.3  | 36.5  |
| 229       | 19.9  | 15.9  | 23.9  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.019 ng

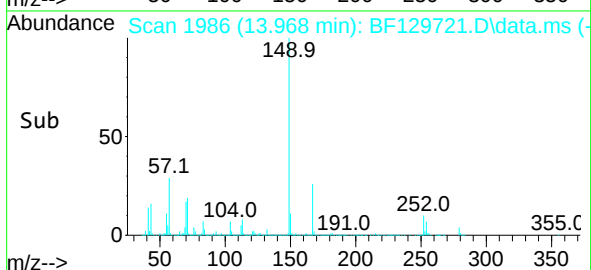
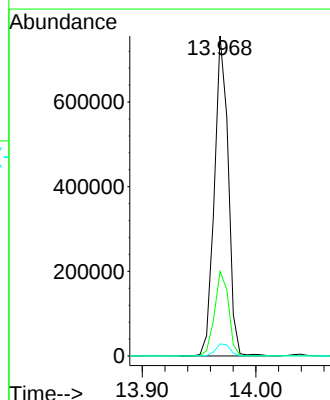
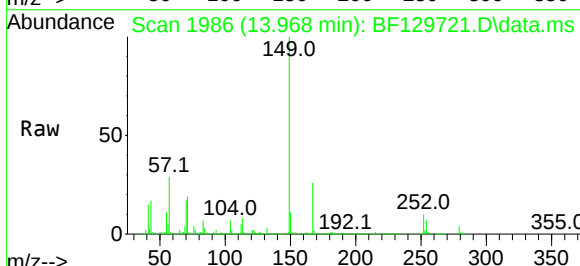
RT: 13.968 min Scan# 1986

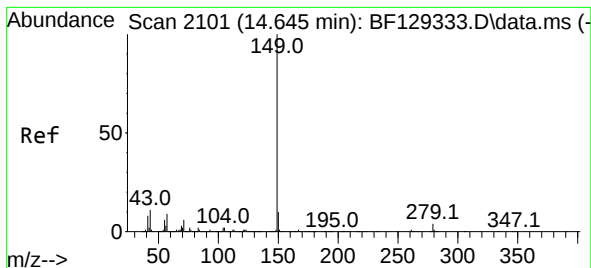
Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

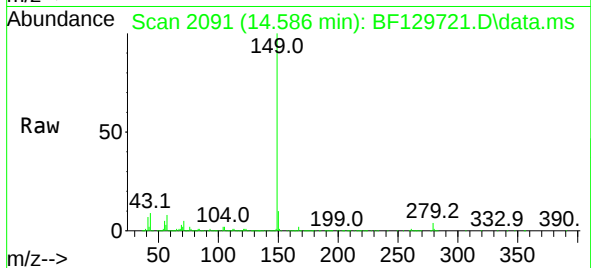
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 639936 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.4  | 21.0  | 31.4   |
| 279       | 3.7   | 3.1   | 4.7    |





#85  
Di-n-octyl phthalate  
Concen: 51.533 ng  
RT: 14.586 min Scan# 2091  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

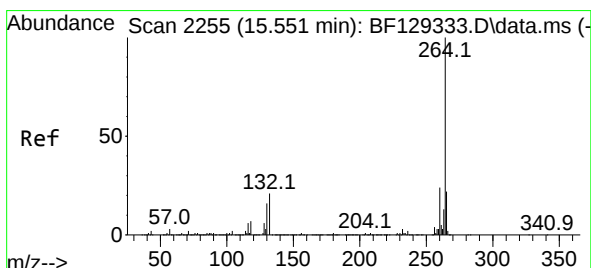
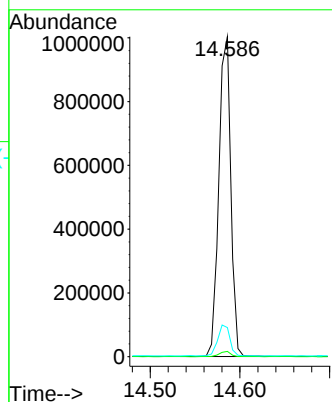
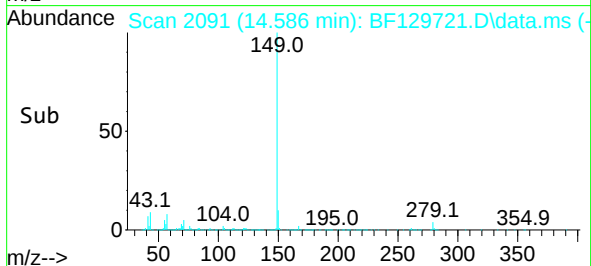
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



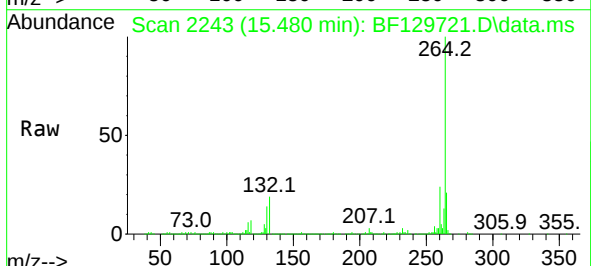
Tgt Ion:149 Resp: 93016  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.8 9.2 13.8

Manual Integrations  
APPROVED

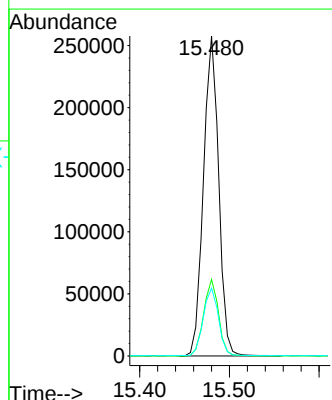
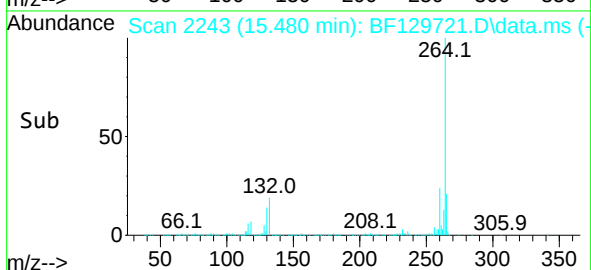
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

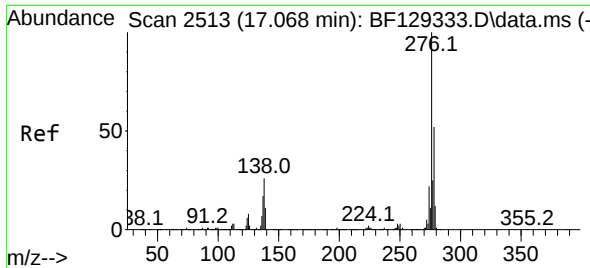


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 2243  
Delta R.T. -0.012 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23



Tgt Ion:264 Resp: 303230  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.4 27.6  
265 21.2 17.2 25.8





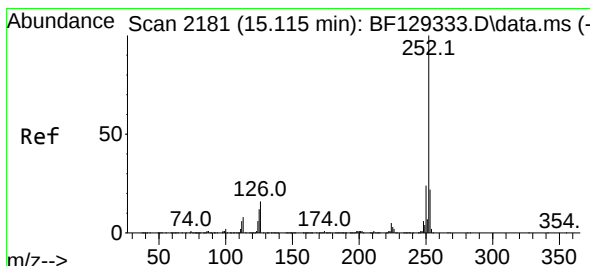
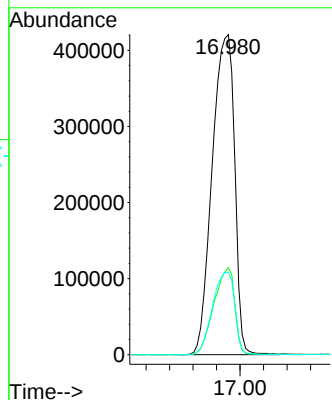
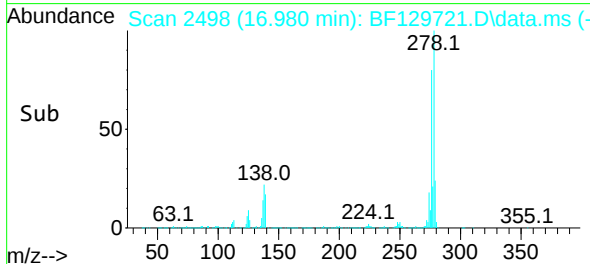
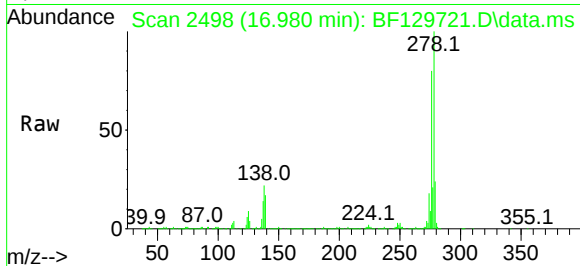
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 54.539 ng  
RT: 16.980 min Scan# 2498  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS

Tgt Ion:276 Resp: 1113679  
Ion Ratio Lower Upper  
276 100  
138 25.2 21.1 31.7  
277 25.6 20.3 30.5

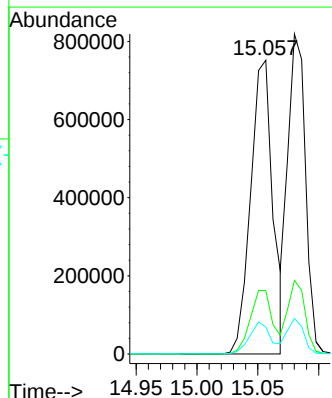
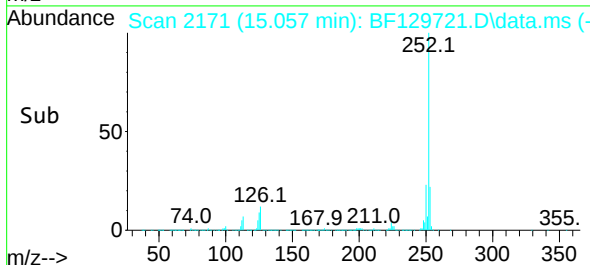
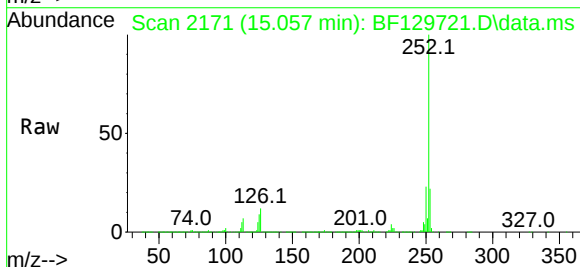
Manual Integrations  
APPROVED

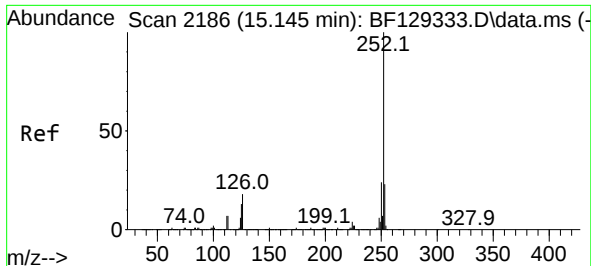
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#88  
Benzo(b)fluoranthene  
Concen: 47.567 ng  
RT: 15.057 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion:252 Resp: 956781  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.7 26.5  
125 9.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.984 ng

RT: 15.080 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

Instrument :

BNA\_F

ClientSampleId :

SB07MS

Tgt Ion:252 Resp: 827564

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

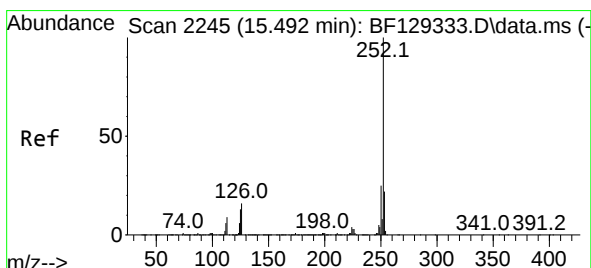
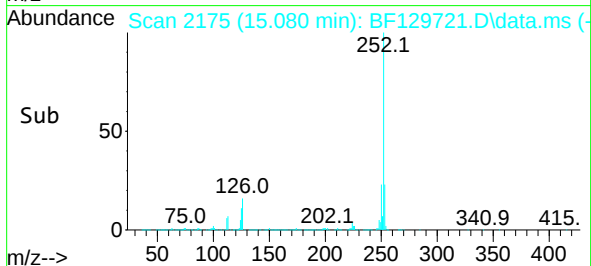
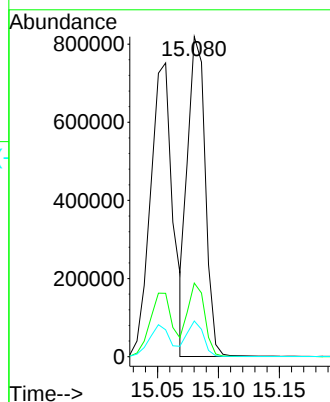
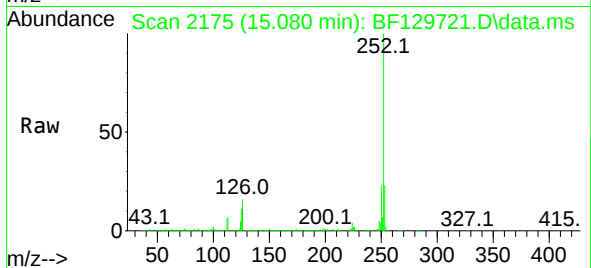
125 11.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#90

Benzo(a)pyrene

Concen: 50.032 ng

RT: 15.421 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF129721.D

Acq: 11 Aug 2022 18:23

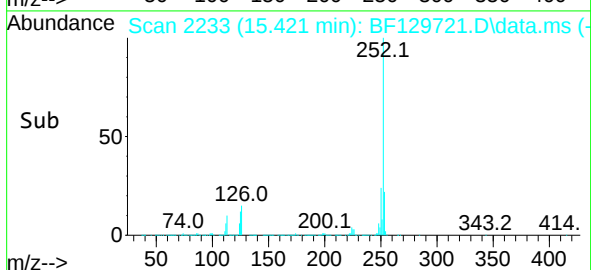
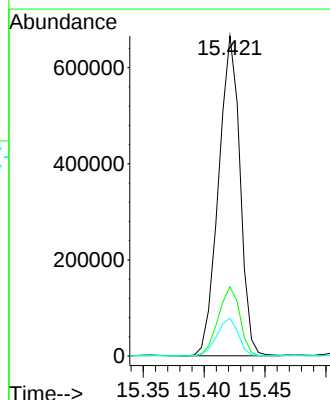
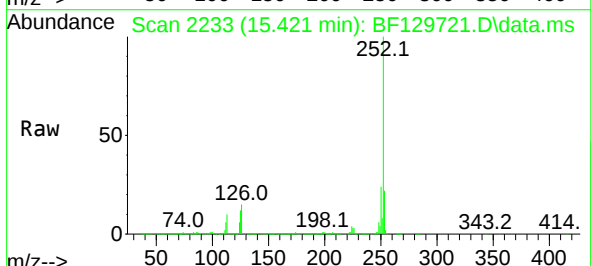
Tgt Ion:252 Resp: 816929

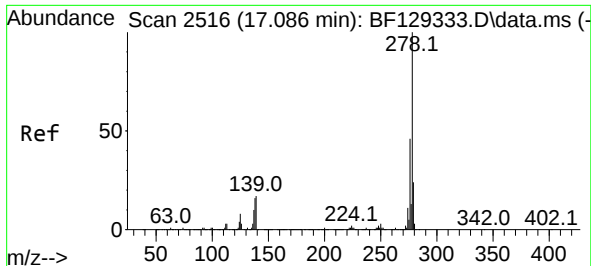
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

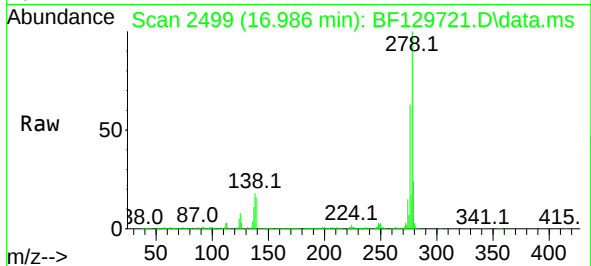
125 11.8 8.8 13.2





#91  
Dibenzo(a,h)anthracene  
Concen: 58.020 ng  
RT: 16.986 min Scan# 2499  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

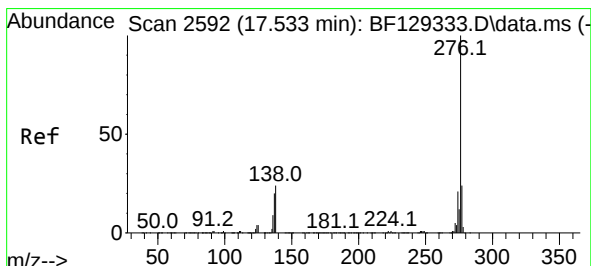
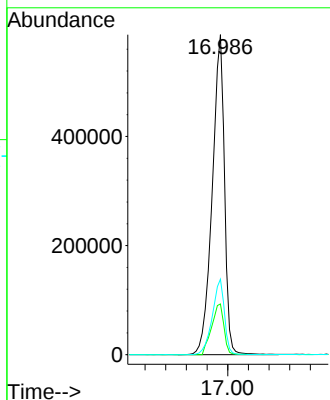
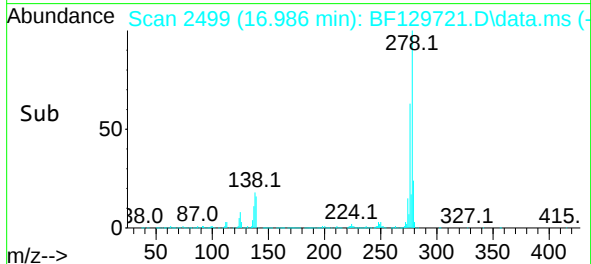
Instrument :  
BNA\_F  
ClientSampleId :  
SB07MS



Tgt Ion: 278 Resp: 964285  
Ion Ratio Lower Upper  
278 100  
139 15.9 12.8 19.2  
279 23.6 18.6 28.0

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 08/12/2022  
Supervised By : Jagrut Upadhyay 08/12/2022



#92  
Benzo(g,h,i)perylene  
Concen: 56.470 ng  
RT: 17.427 min Scan# 2574  
Delta R.T. -0.006 min  
Lab File: BF129721.D  
Acq: 11 Aug 2022 18:23

Tgt Ion: 276 Resp: 959008  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.1 28.7  
138 21.9 18.0 27.0

