

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012723\  
 Data File : BP013621.D  
 Acq On : 27 Jan 2023 17:02  
 Operator : CG/JU  
 Sample : PB150378BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150378BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023  
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:51:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 03:27:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.157  | 152  | 237009   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.987 | 136  | 902156   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.792 | 164  | 536951   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.545 | 188  | 1082314  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.627 | 240  | 689535   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.215 | 264  | 745411   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.687  | 112  | 2036750  | 153.993 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.305  | 99   | 2556848  | 143.104 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.328  | 82   | 1430783  | 87.145  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.281 | 330  | 984536   | 120.432 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.416 | 172  | 3494395  | 92.946  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.080 | 244  | 4119841  | 105.434 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.528  | 88   | 223743   | 38.368  | ng    | 98       |
| 3) Pyridine                   | 3.940  | 79   | 605424   | 36.524  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.846  | 42   | 276210   | 42.636  | ng    | 93       |
| 6) Aniline                    | 7.469  | 93   | 979978   | 41.385  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.716  | 128  | 728780   | 51.907  | ng    | 98       |
| 9) Benzaldehyde               | 7.281  | 77   | 332929m  | 28.070  | ng    |          |
| 10) Phenol                    | 7.328  | 94   | 923268   | 49.331  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.569  | 93   | 722967   | 46.646  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.046  | 146  | 792027   | 48.869  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.193  | 146  | 804819   | 48.971  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.510  | 146  | 774924   | 50.083  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.393  | 79   | 611104m  | 44.047  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687  | 45   | 844357   | 48.344  | ng    | 99       |
| 17) 2-Methylphenol            | 8.593  | 107  | 613773   | 45.447  | ng    | 98       |
| 18) Hexachloroethane          | 9.252  | 117  | 273258   | 46.412  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.969  | 70   | 512814   | 44.165  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.922  | 107  | 823019   | 44.469  | ng    | 98       |
| 22) Acetophenone              | 8.987  | 105  | 1027584  | 45.126  | ng    | # 98     |
| 24) Nitrobenzene              | 9.375  | 77   | 750548   | 43.679  | ng    | 98       |
| 25) Isophorone                | 9.904  | 82   | 1489443  | 41.414  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.087 | 139  | 322083   | 43.634  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.140 | 122  | 641263   | 46.931  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.381 | 93   | 923828   | 45.148  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.628 | 162  | 704548   | 45.819  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.846 | 180  | 780454   | 45.779  | ng    | 97       |
| 31) Naphthalene               | 11.040 | 128  | 2037916  | 44.455  | ng    | 99       |
| 32) Benzoic acid              | 10.275 | 122  | 414939   | 41.657  | ng    | 96       |
| 33) 4-Chloroaniline           | 11.140 | 127  | 470851   | 23.659  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.322 | 225  | 499232   | 43.553  | ng    | 99       |
| 35) Caprolactam               | 11.928 | 113  | 179633   | 40.743  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.246 | 107  | 686897   | 42.138  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.628 | 142  | 1432653  | 40.891  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.845 | 142  | 1330793  | 40.583  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.993 | 216  | 882049   | 47.152  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.975 | 237  | 1021838  | 105.727 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.228 | 196  | 586321   | 46.843  | ng    | 99       |

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Instrument :  
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Manual Integrations  
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 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 29 23:51:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 03:27:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.298 | 196  | 623103   | 42.568 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.628 | 154  | 1872038  | 46.786 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.675 | 162  | 1441346  | 47.202 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.869 | 65   | 255806   | 35.987 | ng    | 98       |
| 49) Acenaphthylene            | 14.516 | 152  | 2233227  | 44.340 | ng    | 100      |
| 50) Dimethylphthalate         | 14.245 | 163  | 1790289  | 42.925 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.363 | 165  | 328663   | 39.305 | ng    | 95       |
| 52) Acenaphthene              | 14.857 | 154  | 1527898m | 47.399 | ng    |          |
| 53) 3-Nitroaniline            | 14.692 | 138  | 235596   | 30.437 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.892 | 184  | 386634   | 75.442 | ng    | 98       |
| 55) Dibenzofuran              | 15.187 | 168  | 2156989  | 42.724 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.987 | 139  | 566259   | 83.290 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.145 | 165  | 425502   | 38.013 | ng    | 95       |
| 58) Fluorene                  | 15.839 | 166  | 1617235  | 41.890 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.410 | 232  | 539951   | 42.580 | ng    | 100      |
| 60) Diethylphthalate          | 15.604 | 149  | 1646490  | 43.228 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.828 | 204  | 910826   | 41.780 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.857 | 138  | 277095   | 37.207 | ng    | 92       |
| 63) Azobenzene                | 16.122 | 77   | 1583587  | 40.805 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.910 | 198  | 220596   | 37.906 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.045 | 169  | 1435337  | 48.134 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.728 | 248  | 573365   | 45.961 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.845 | 284  | 673263   | 49.374 | ng    | 98       |
| 69) Atrazine                  | 16.992 | 200  | 460315   | 50.498 | ng    | 99       |
| 70) Pentachlorophenol         | 17.186 | 266  | 820534   | 77.429 | ng    | 100      |
| 71) Phenanthrene              | 17.592 | 178  | 2564764  | 46.204 | ng    | 100      |
| 72) Anthracene                | 17.680 | 178  | 2533485  | 45.169 | ng    | 100      |
| 73) Carbazole                 | 17.939 | 167  | 2172063  | 43.458 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.480 | 149  | 2077701  | 45.479 | ng    | 99       |
| 75) Fluoranthene              | 19.539 | 202  | 2662568  | 38.457 | ng    | 99       |
| 77) Benzidine                 | 19.710 | 184  | 551277   | 76.256 | ng    | 99       |
| 78) Pyrene                    | 19.892 | 202  | 2688645  | 50.382 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.751 | 149  | 296304   | 41.231 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.610 | 228  | 2212419  | 45.565 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 415136   | 35.753 | ng    | # 96     |
| 83) Chrysene                  | 21.669 | 228  | 2061137  | 45.177 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149  | 465098   | 42.227 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.504 | 149  | 826363   | 46.000 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.956 | 276  | 2935183  | 56.010 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.421 | 252  | 2154309  | 45.016 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.474 | 252  | 2159547  | 45.456 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.104 | 252  | 1947298  | 43.232 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.980 | 278  | 2462808  | 56.479 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.798 | 276  | 2459736  | 57.289 | ng    | 98       |

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

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## Instrument :

BNA\_P

## ClientSampleId :

PB150378BS

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 01/30/2023

Supervised By : Jagrut Upadhyay 01/30/2023

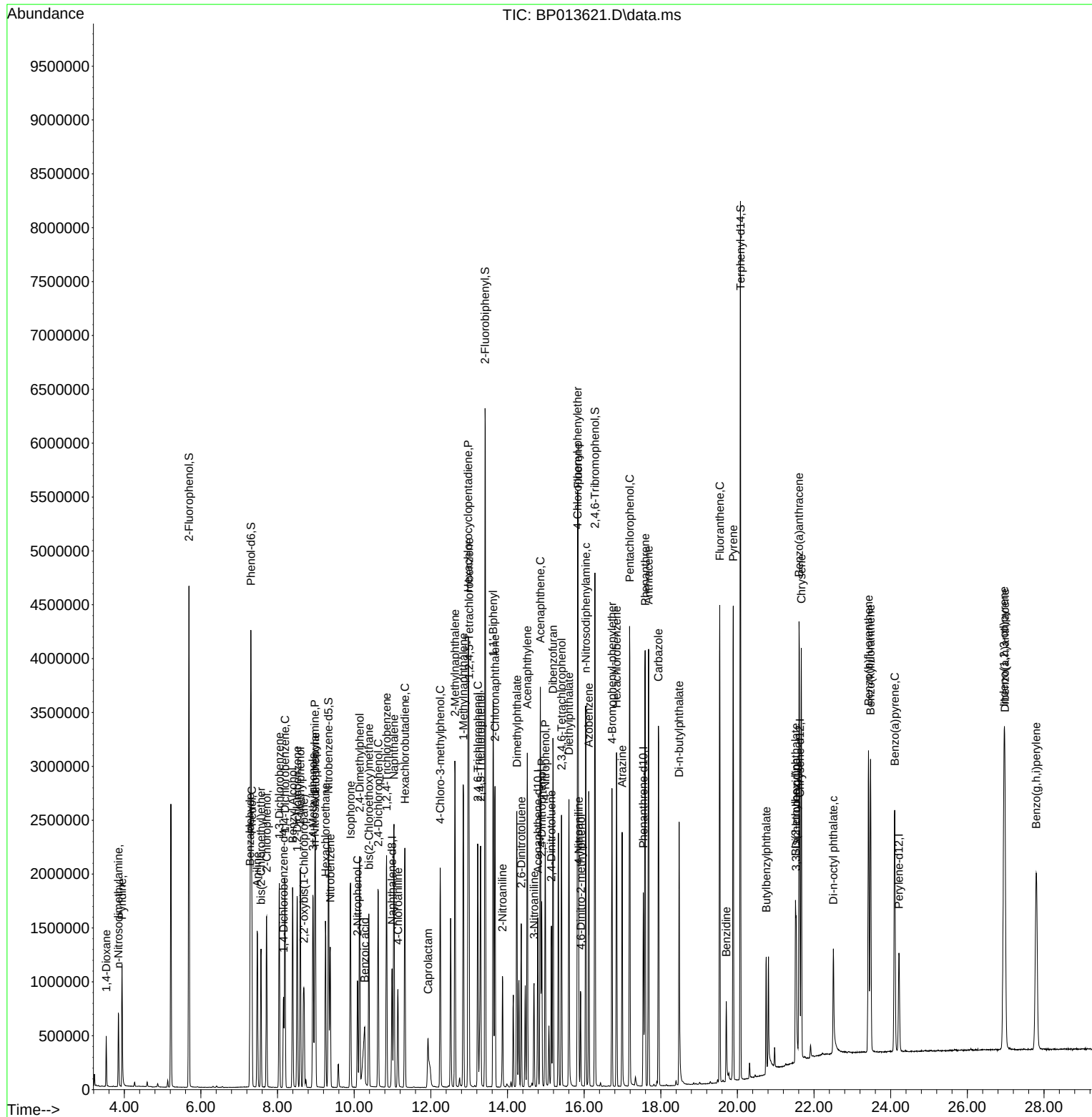
Quant Time: Jan 29 23:51:43 2023

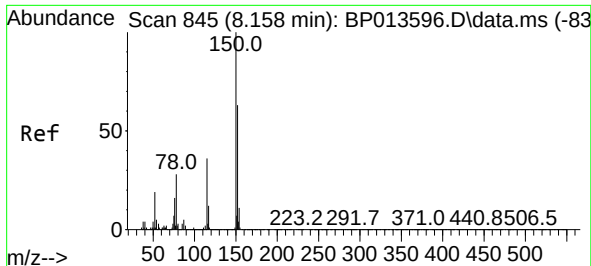
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 27 03:27:54 2023

Response via : Initial Calibration





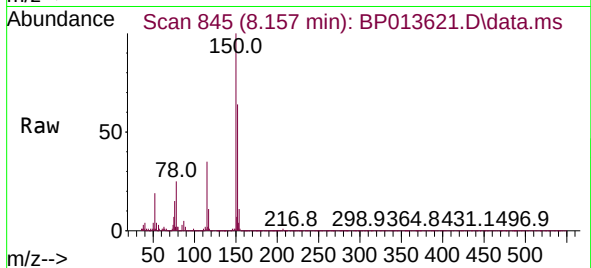
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.157 min Scan# 845  
Delta R.T. -0.001 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

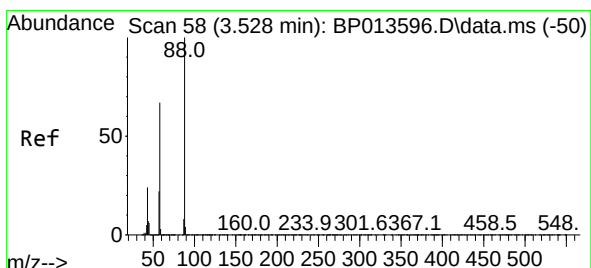
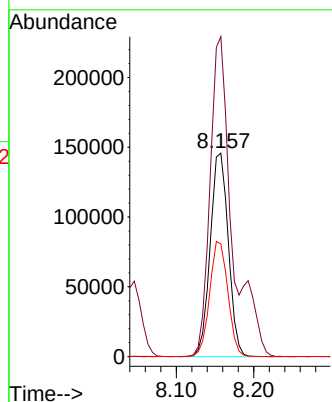
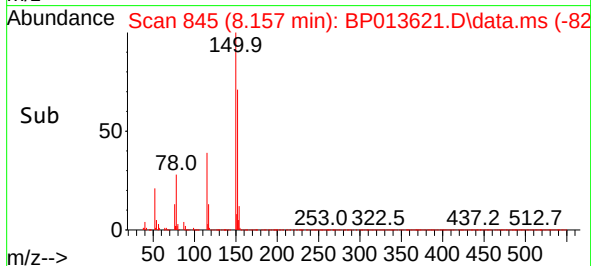


Tgt Ion:152 Resp: 237009  
Ion Ratio Lower Upper  
152 100  
150 157.3 126.2 189.2  
115 55.4 45.1 67.7

Manual Integrations

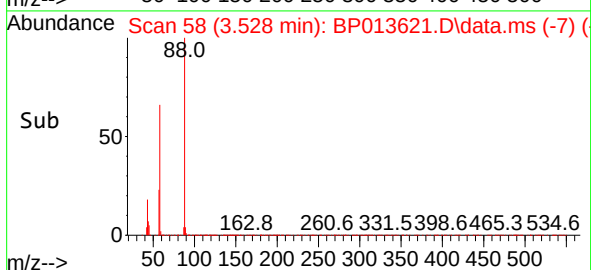
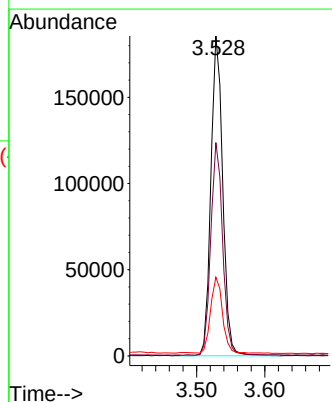
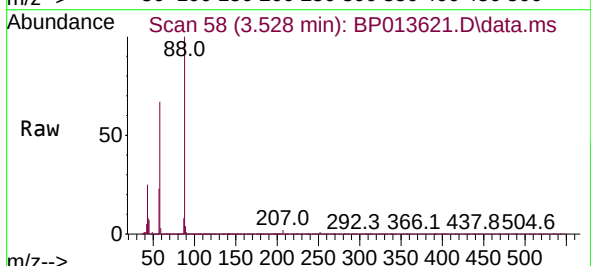
APPROVED

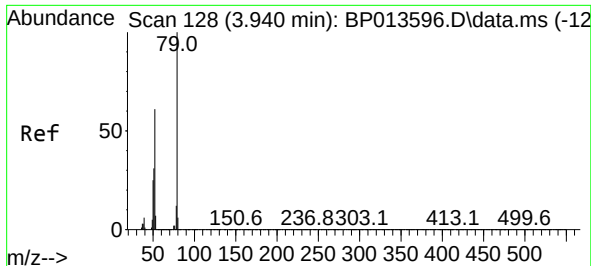
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#2  
1,4-Dioxane  
Concen: 38.368 ng  
RT: 3.528 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion: 88 Resp: 223743  
Ion Ratio Lower Upper  
88 100  
58 66.5 54.2 81.4  
43 24.5 20.4 30.6





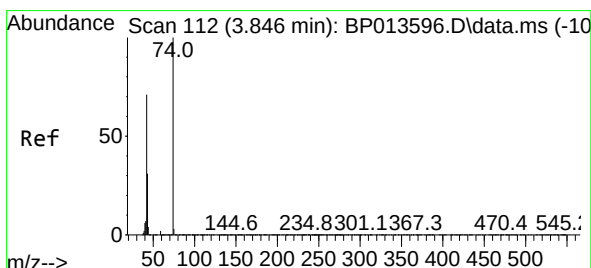
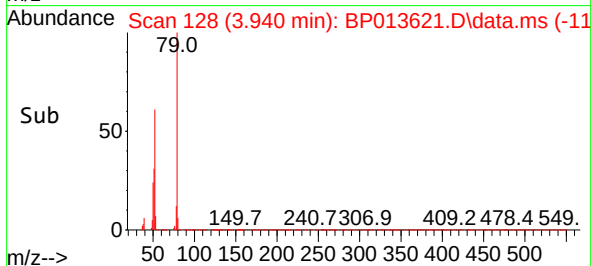
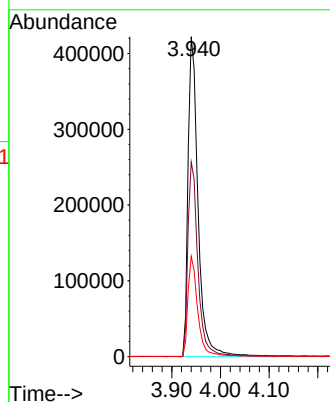
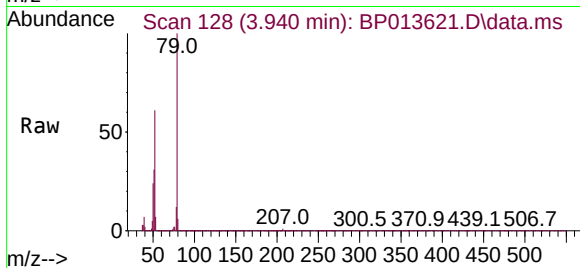
#3  
Pyridine  
Concen: 36.524 ng  
RT: 3.940 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS

Tgt Ion: 79 Resp: 605424  
Ion Ratio Lower Upper  
79 100  
52 60.8 48.6 73.0  
51 31.3 25.1 37.7

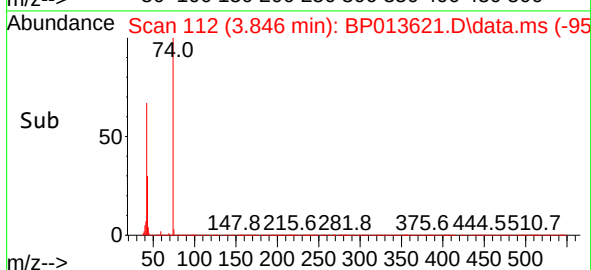
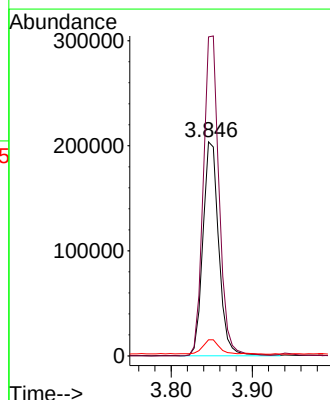
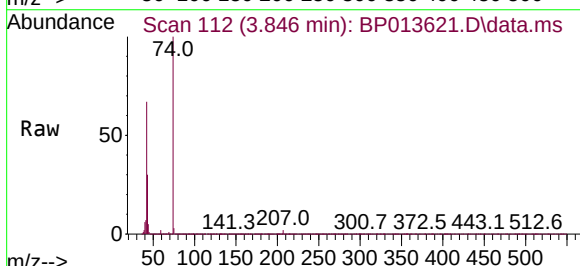
Manual Integrations  
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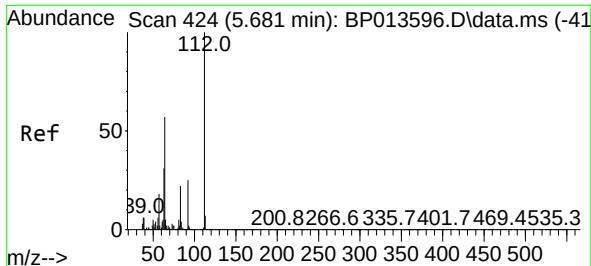
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#4  
n-Nitrosodimethylamine  
Concen: 42.636 ng  
RT: 3.846 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

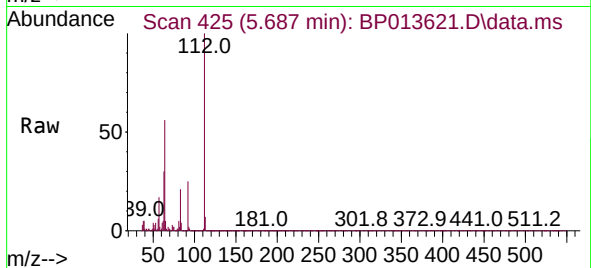
Tgt Ion: 42 Resp: 276210  
Ion Ratio Lower Upper  
42 100  
74 149.0 112.2 168.2  
44 7.5 5.6 8.4





#5  
2-Fluorophenol  
Concen: 153.993 ng  
RT: 5.687 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

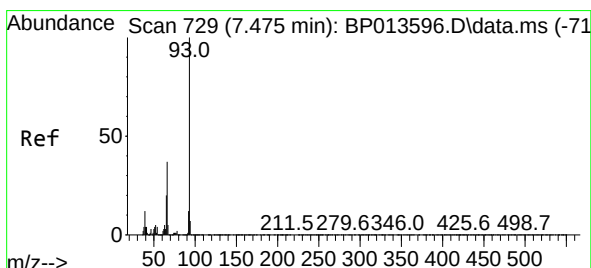
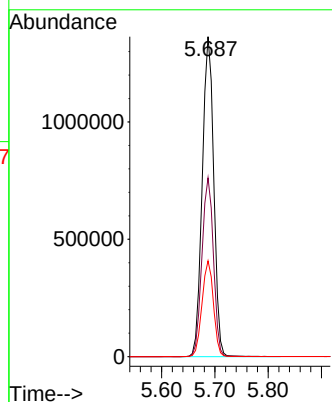
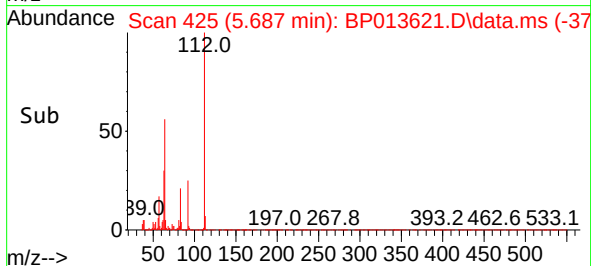
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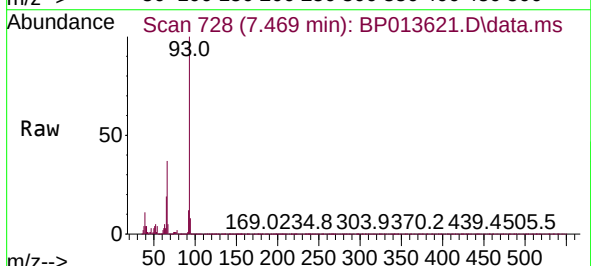
Tgt Ion:112 Resp: 2036750  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.5 68.3  
63 29.9 25.1 37.7

Manual Integrations  
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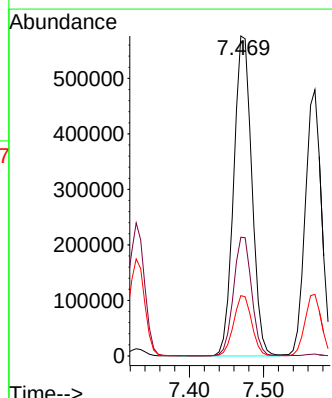
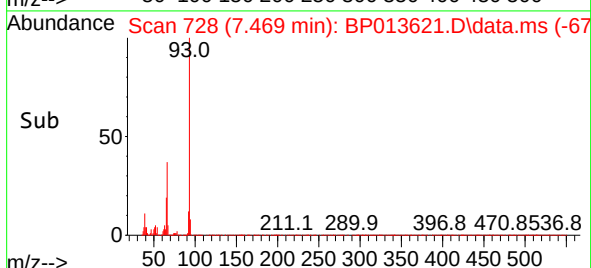
Reviewed By :Christian Giraldo 01/30/2023  
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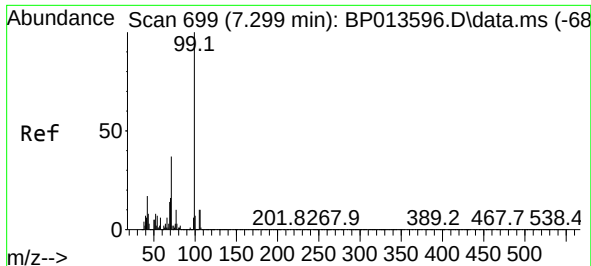


#6  
Aniline  
Concen: 41.385 ng  
RT: 7.469 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



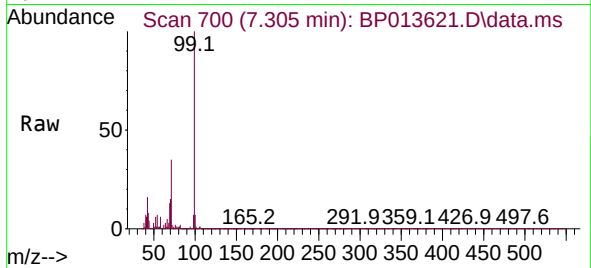
Tgt Ion: 93 Resp: 979978  
Ion Ratio Lower Upper  
93 100  
66 37.1 29.8 44.8  
65 18.8 15.8 23.6





#7  
Phenol-d6  
Concen: 143.104 ng  
RT: 7.305 min Scan# 700  
Delta R.T. 0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

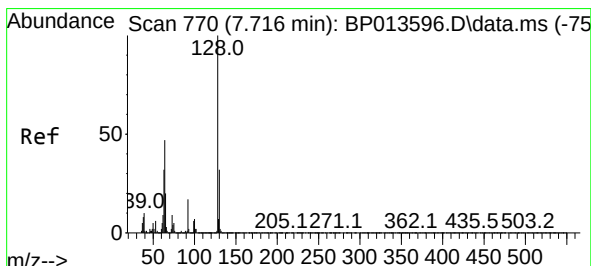
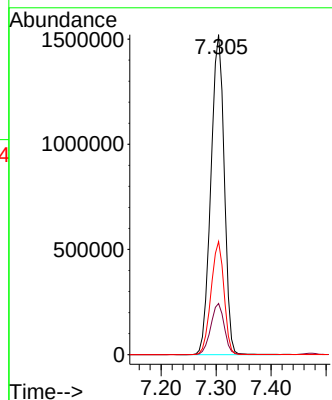
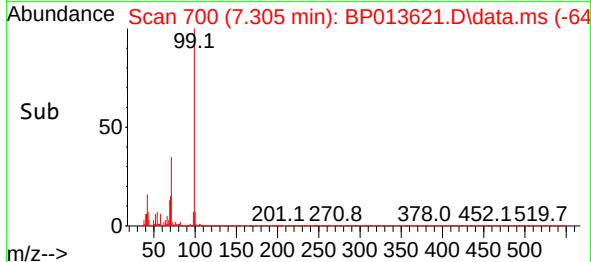
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion: 99 Resp: 2556848  
Ion Ratio Lower Upper  
99 100  
42 16.0 13.4 20.2  
71 35.3 29.9 44.9

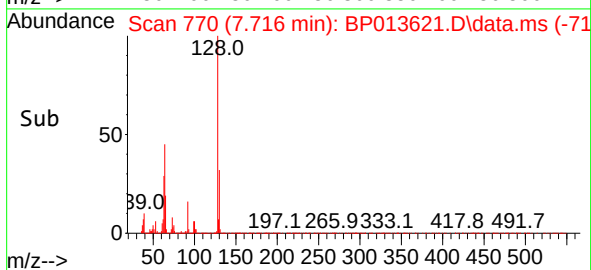
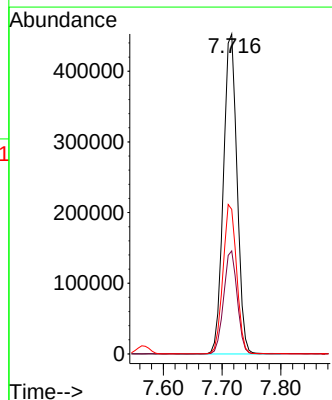
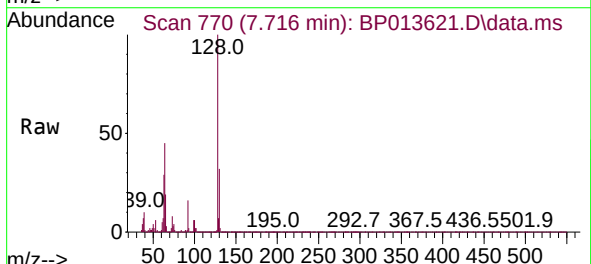
Manual Integrations  
APPROVED

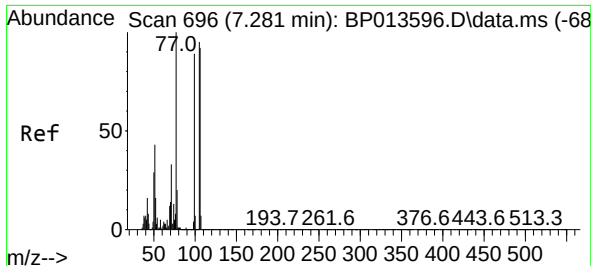
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#8  
2-Chlorophenol  
Concen: 51.907 ng  
RT: 7.716 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

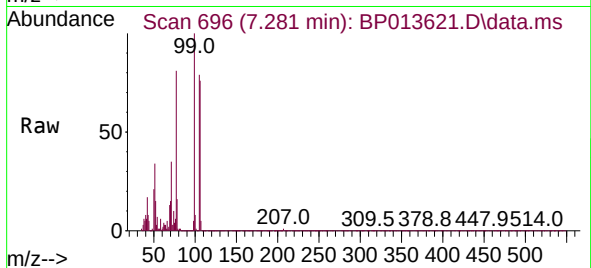
Tgt Ion:128 Resp: 728780  
Ion Ratio Lower Upper  
128 100  
130 32.2 11.9 51.9  
64 45.2 26.8 66.8





#9  
Benzaldehyde  
Concen: 28.070 ng m  
RT: 7.281 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

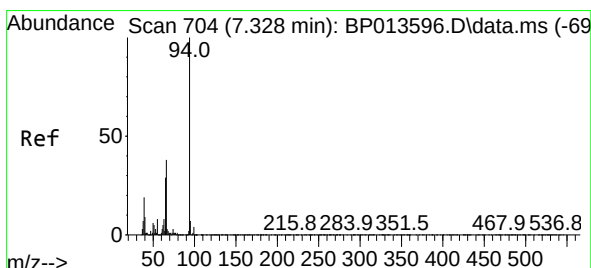
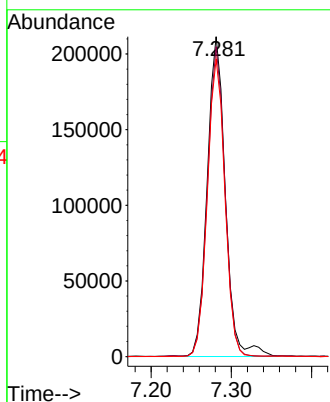
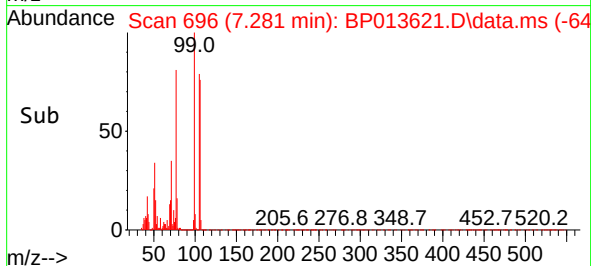
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



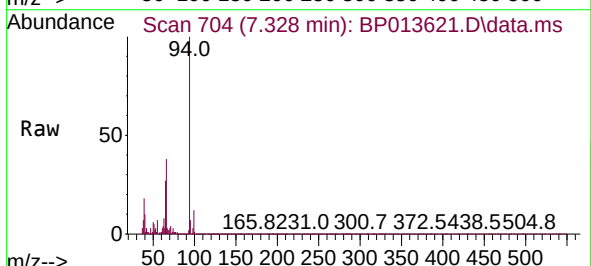
Tgt Ion: 77 Resp: 332929  
Ion Ratio Lower Upper  
77 100  
105 96.9 74.8 114.8  
106 93.0 71.5 111.5

Manual Integrations  
APPROVED

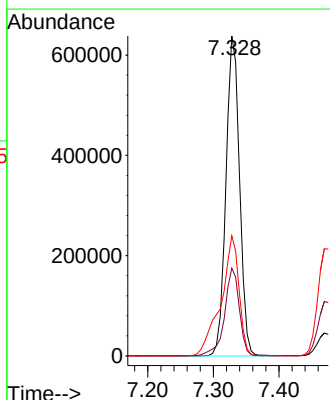
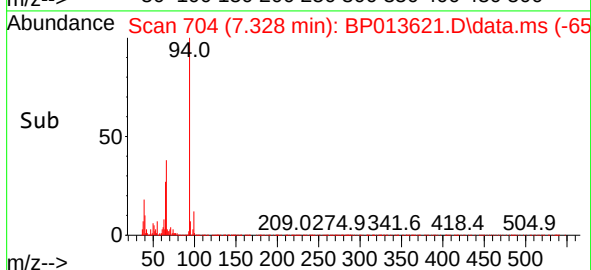
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



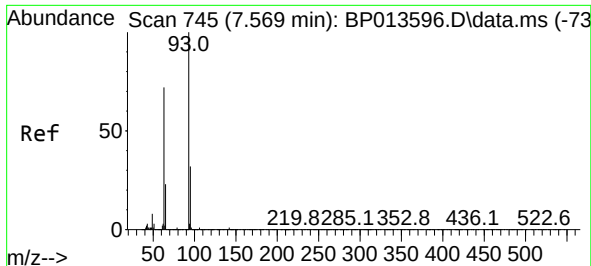
#10  
Phenol  
Concen: 49.331 ng  
RT: 7.328 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion: 94 Resp: 923268  
Ion Ratio Lower Upper  
94 100  
65 27.4 8.7 48.7  
66 37.5 18.4 58.4

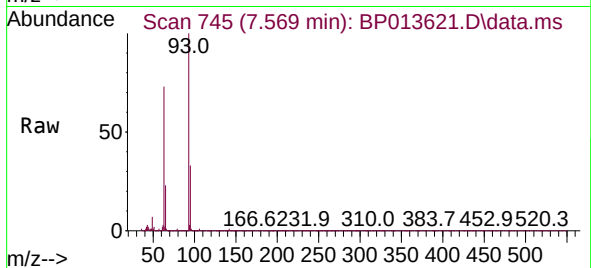






#11  
bis(2-Chloroethyl)ether  
Concen: 46.646 ng  
RT: 7.569 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

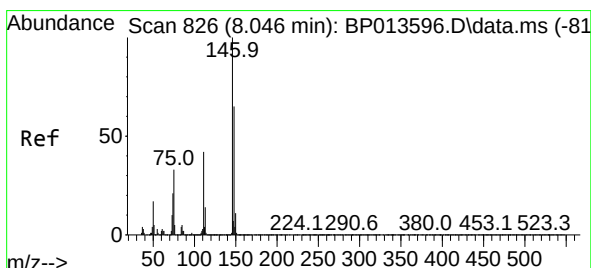
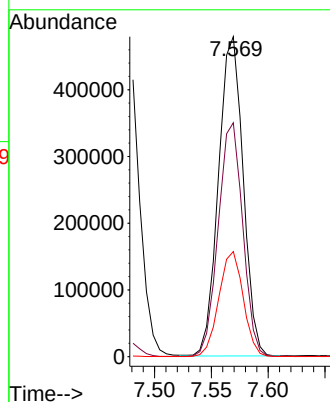
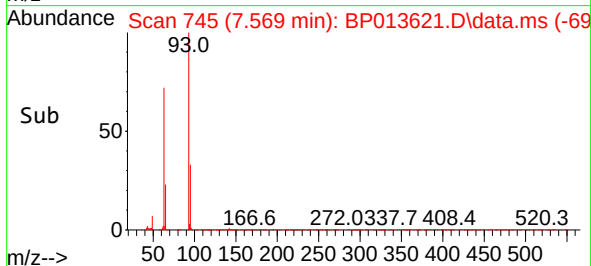
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



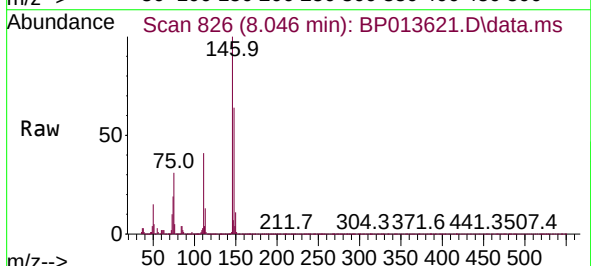
Tgt Ion: 93 Resp: 722962  
Ion Ratio Lower Upper  
93 100  
63 73.1 52.1 92.1  
95 32.8 11.9 51.9

Manual Integrations  
APPROVED

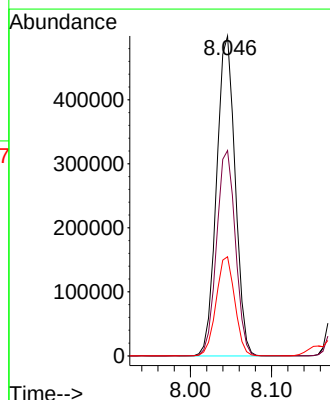
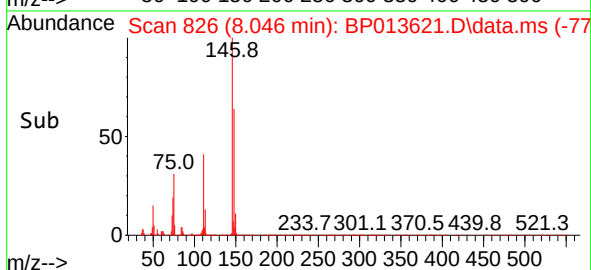
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

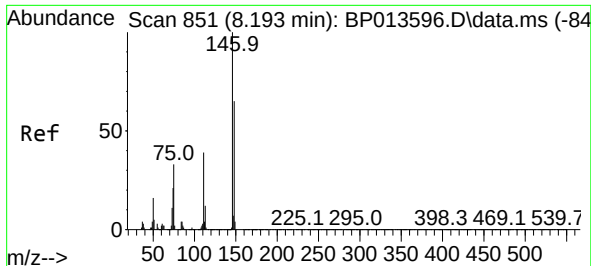


#12  
1,3-Dichlorobenzene  
Concen: 48.869 ng  
RT: 8.046 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:146 Resp: 792027  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.2 78.2  
75 31.0 26.6 40.0





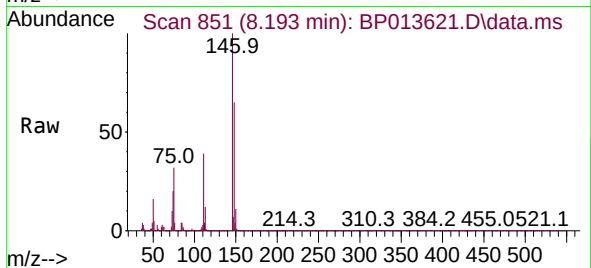
#13  
1,4-Dichlorobenzene  
Concen: 48.971 ng  
RT: 8.193 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

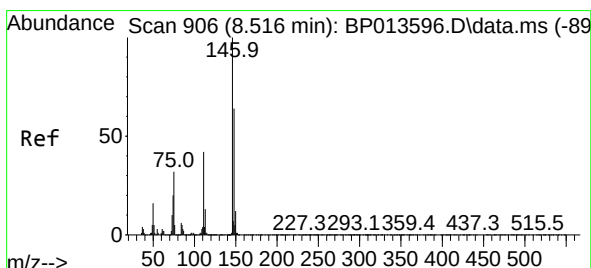
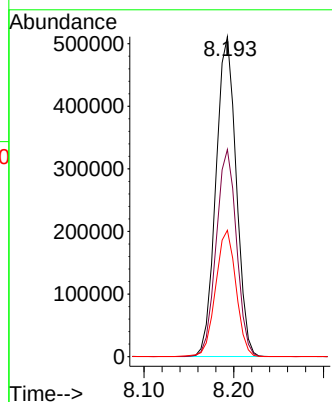
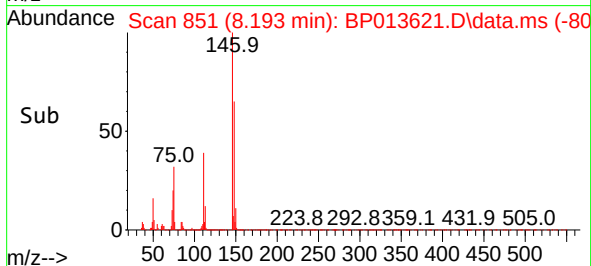


Tgt Ion:146 Resp: 804819  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.0 78.0  
111 39.5 31.5 47.3

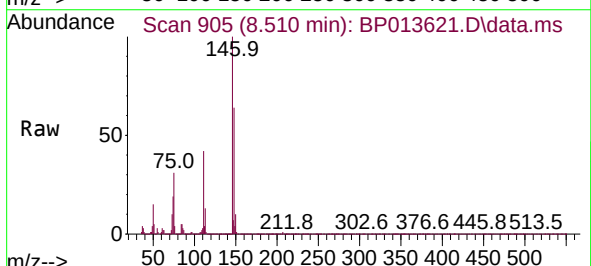
Manual Integrations

APPROVED

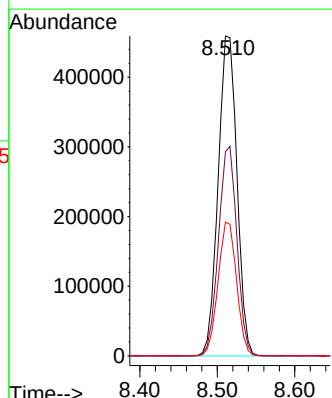
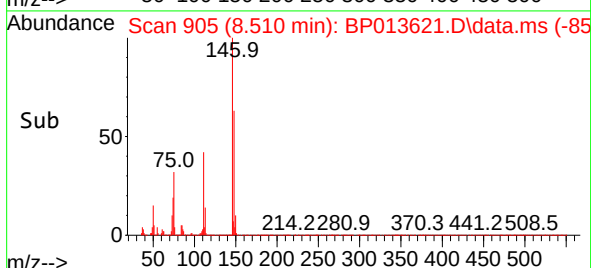
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

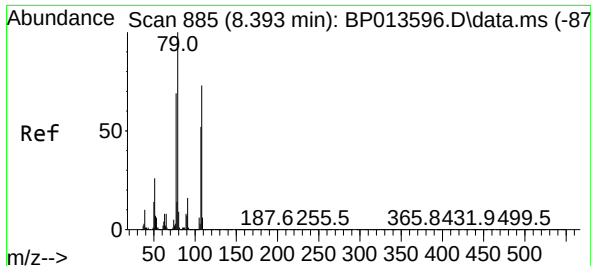


#14  
1,2-Dichlorobenzene  
Concen: 50.083 ng  
RT: 8.510 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



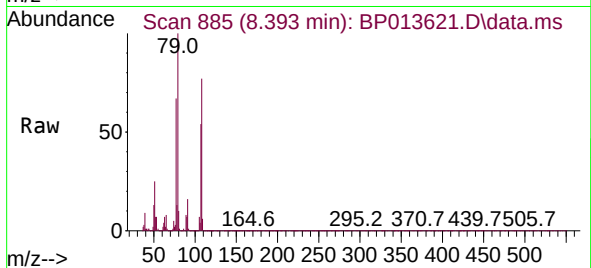
Tgt Ion:146 Resp: 774924  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.8 76.2  
111 41.8 33.3 49.9





#15  
Benzyl Alcohol  
Concen: 44.047 ng m  
RT: 8.393 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

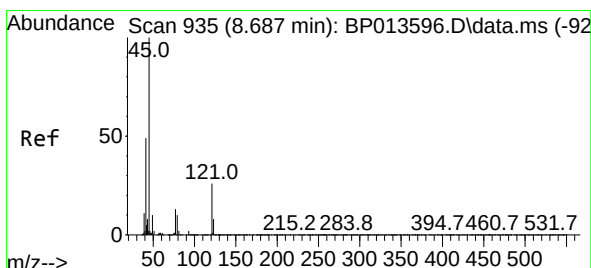
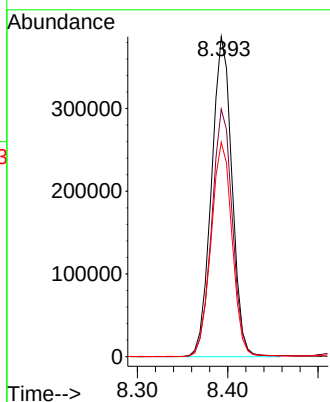
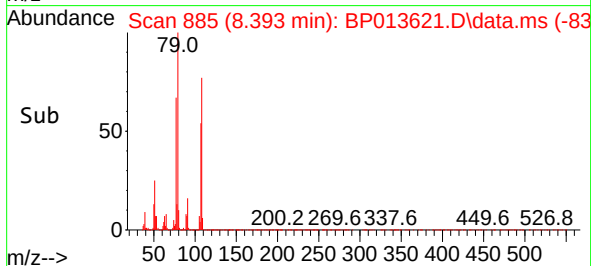
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion: 79 Resp: 611104  
Ion Ratio Lower Upper  
79 100  
108 77.4 58.4 87.6  
77 67.0 55.0 82.6

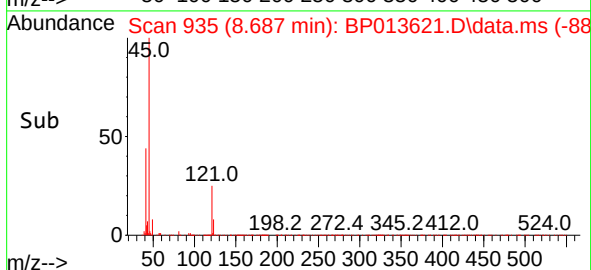
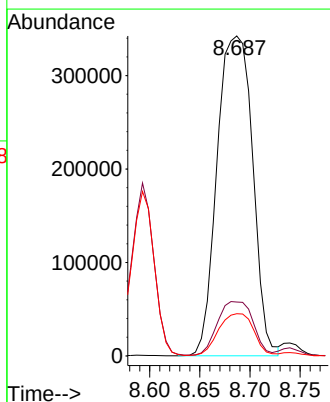
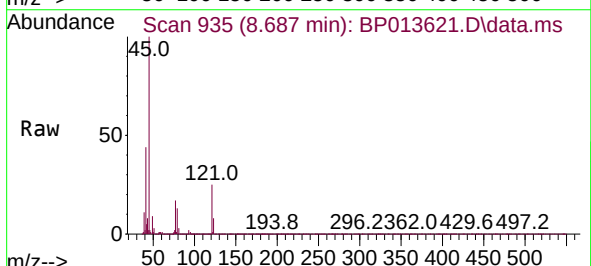
Manual Integrations  
APPROVED

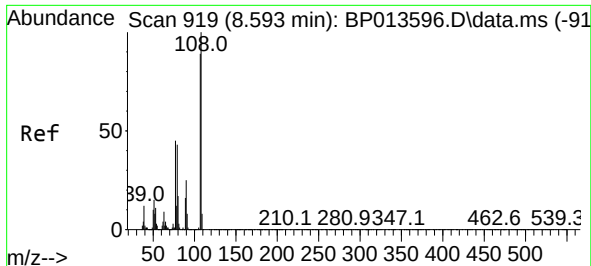
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.344 ng  
RT: 8.687 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

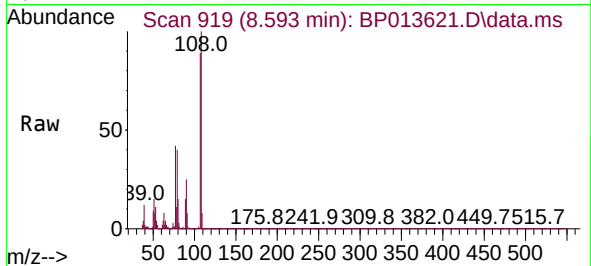
Tgt Ion: 45 Resp: 844357  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 37.2  
79 13.2 0.0 33.7





#17  
2-Methylphenol  
Concen: 45.447 ng  
RT: 8.593 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

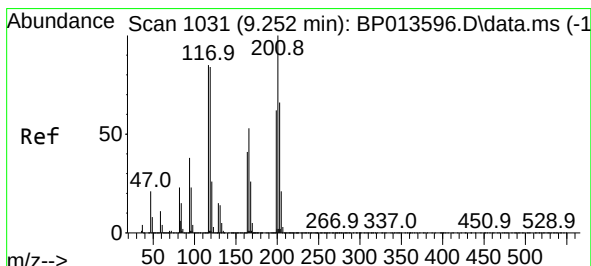
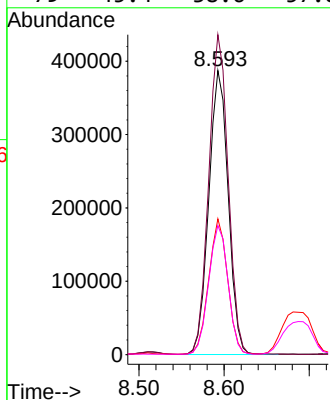
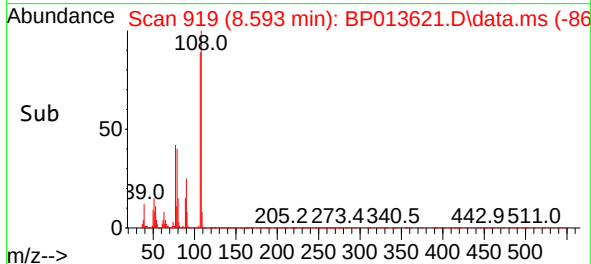
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



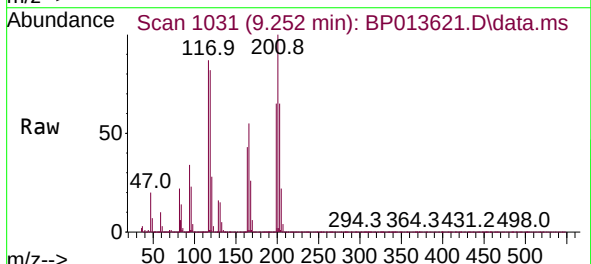
Tgt Ion:107 Resp: 613773  
Ion Ratio Lower Upper  
107 100  
108 112.6 89.6 134.4  
77 47.8 40.4 60.6  
79 45.4 38.6 57.8

Manual Integrations  
APPROVED

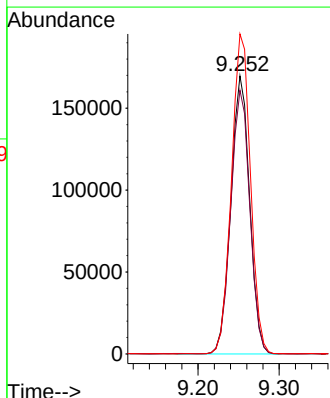
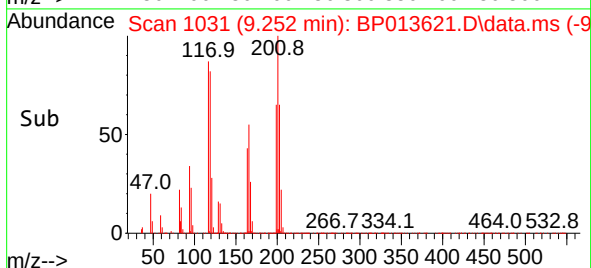
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

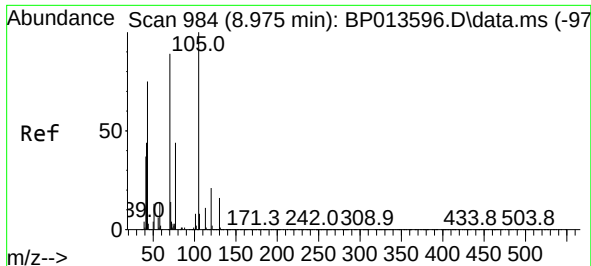


#18  
Hexachloroethane  
Concen: 46.412 ng  
RT: 9.252 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:117 Resp: 273258  
Ion Ratio Lower Upper  
117 100  
119 94.8 78.6 118.0  
201 115.1 94.0 141.0





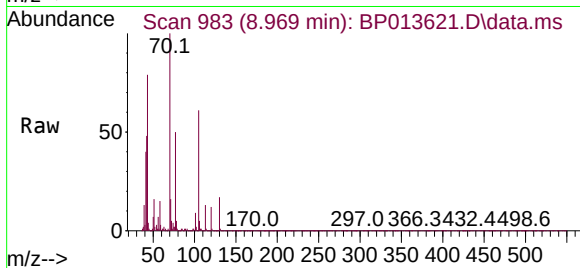
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.165 ng  
RT: 8.969 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

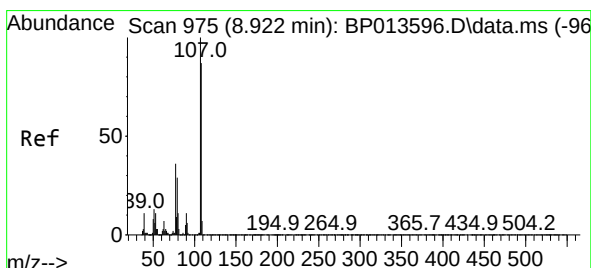
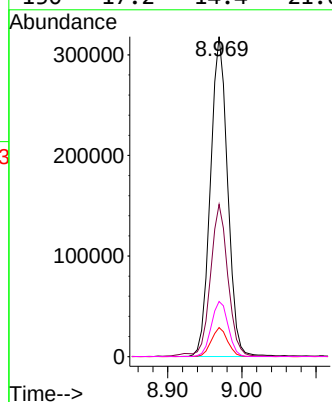
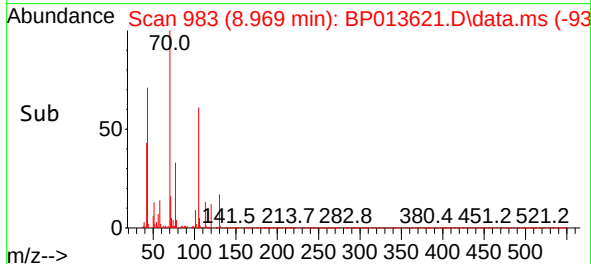


Tgt Ion: 70 Resp: 512814  
Ion Ratio Lower Upper  
70 100  
42 47.6 40.1 60.1  
101 9.1 7.0 10.4  
130 17.2 14.4 21.6

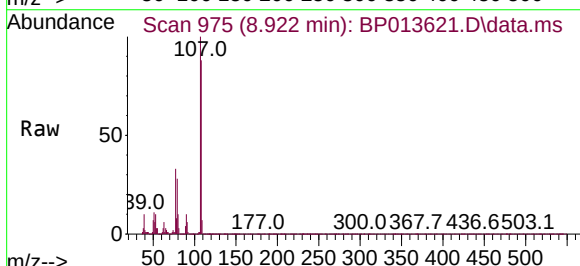
Manual Integrations

APPROVED

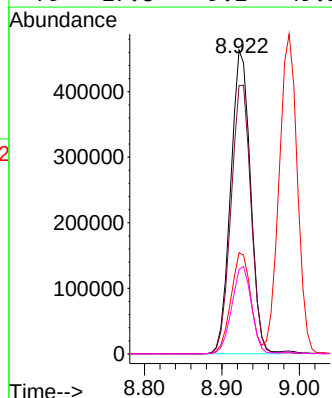
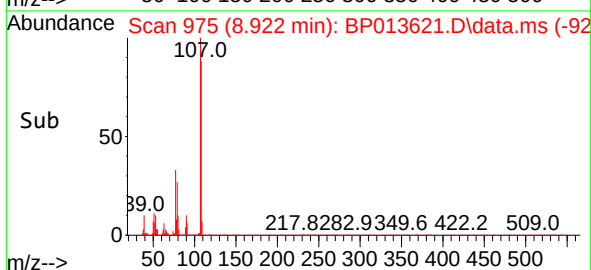
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

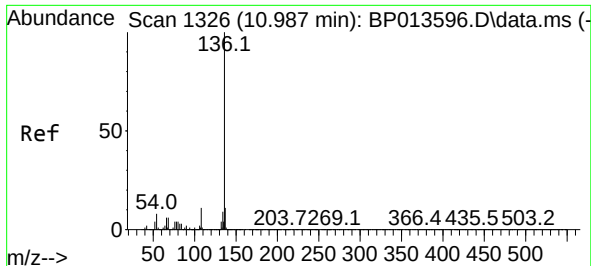


#20  
3+4-Methylphenols  
Concen: 44.469 ng  
RT: 8.922 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:107 Resp: 823019  
Ion Ratio Lower Upper  
107 100  
108 88.3 67.4 107.4  
77 33.3 15.9 55.9  
79 27.8 9.2 49.2





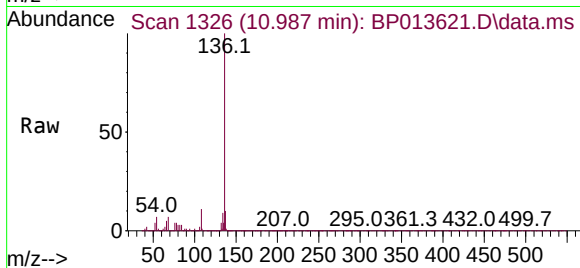
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.987 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

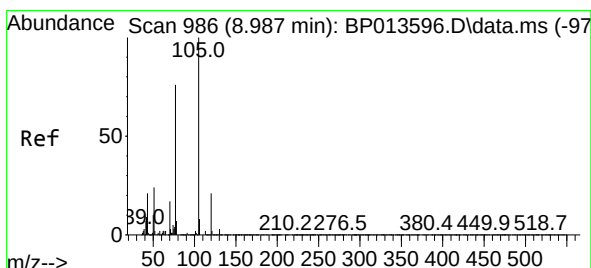
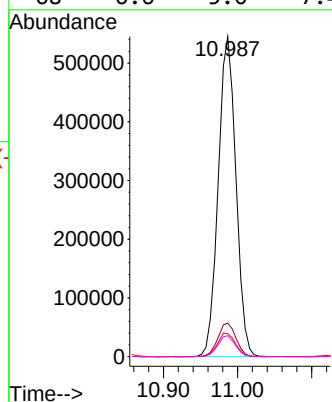
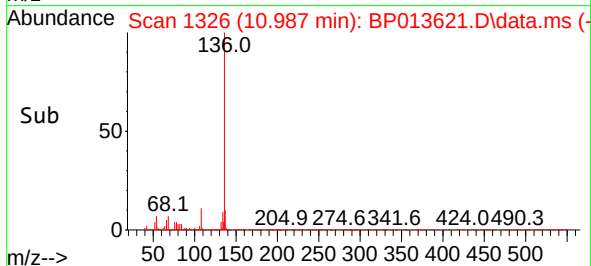


Tgt Ion:136 Resp: 902156  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 7.2 6.1 9.1  
68 6.6 5.0 7.4

Manual Integrations

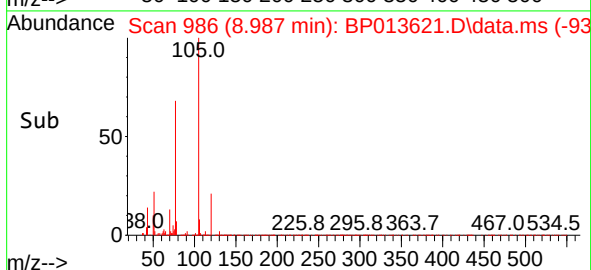
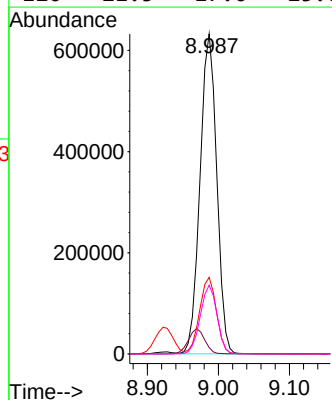
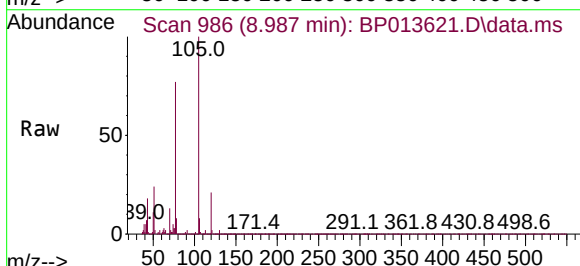
APPROVED

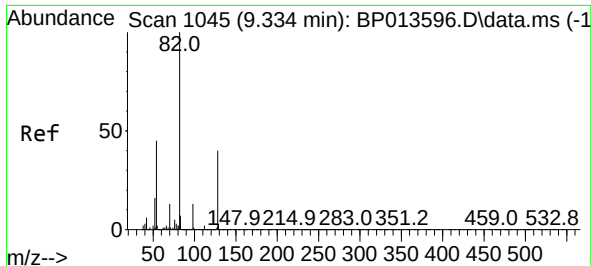
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#22  
Acetophenone  
Concen: 45.126 ng  
RT: 8.987 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:105 Resp: 1027584  
Ion Ratio Lower Upper  
105 100  
71 2.0 2.5 3.7#  
51 23.9 20.6 31.0  
120 21.5 17.0 25.6





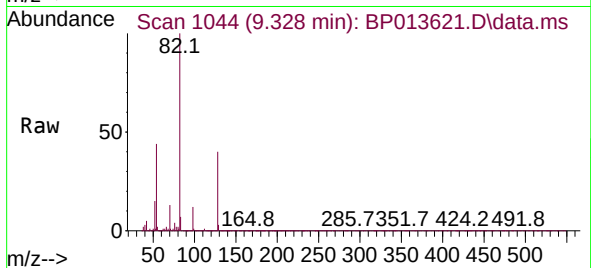
#23  
Nitrobenzene-d5  
Concen: 87.145 ng  
RT: 9.328 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

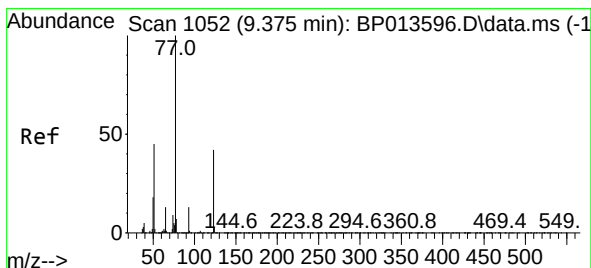
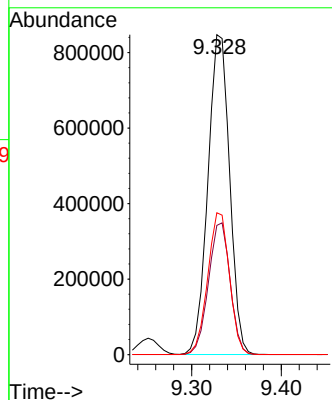
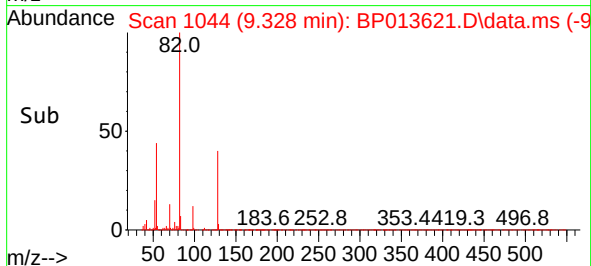
PB150378BS



Tgt Ion: 82 Resp: 1430783  
Ion Ratio Lower Upper  
82 100  
128 40.4 31.8 47.8  
54 44.3 36.2 54.2

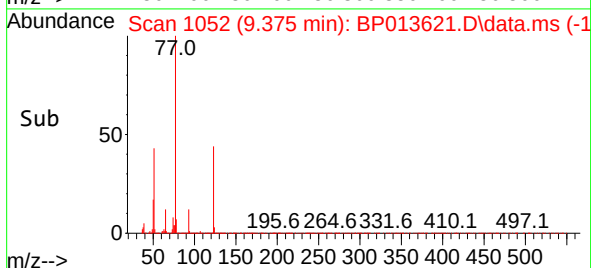
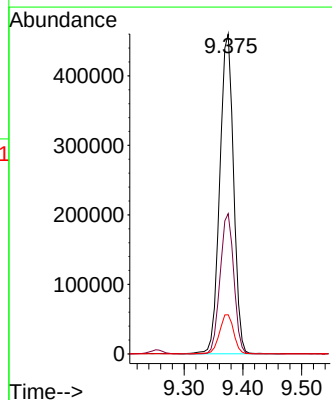
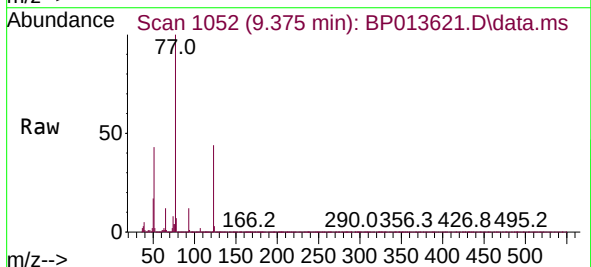
Manual Integrations  
APPROVED

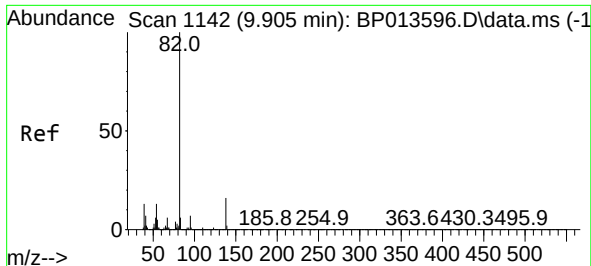
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#24  
Nitrobenzene  
Concen: 43.679 ng  
RT: 9.375 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion: 77 Resp: 750548  
Ion Ratio Lower Upper  
77 100  
123 43.8 33.9 50.9  
65 12.2 10.2 15.4





#25  
Isophorone  
Concen: 41.414 ng  
RT: 9.904 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

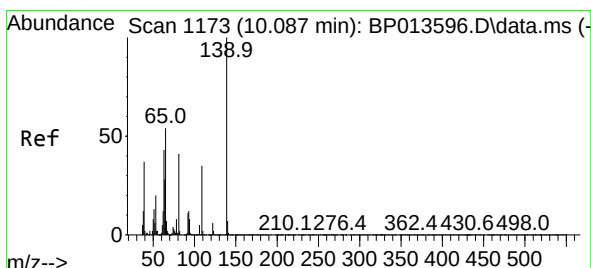
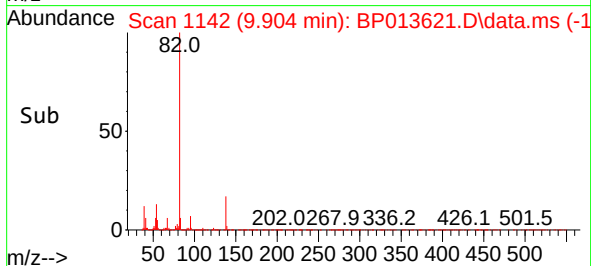
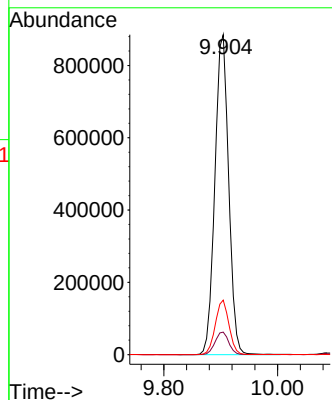
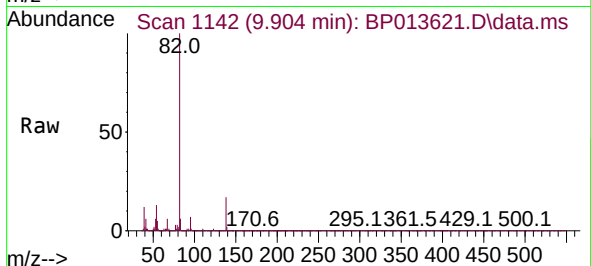
PB150378BS

Tgt Ion: 82 Resp: 148944  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.9 8.9  
138 17.0 13.0 19.6

Manual Integrations

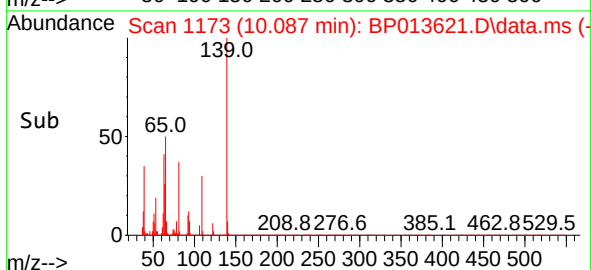
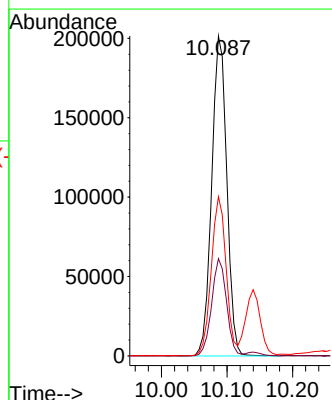
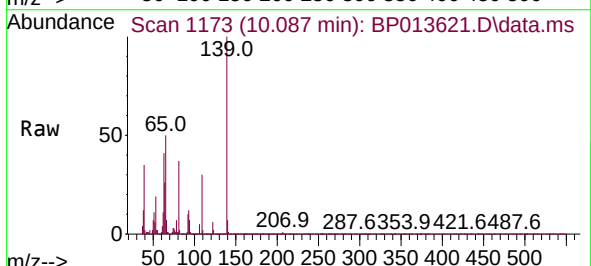
APPROVED

Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

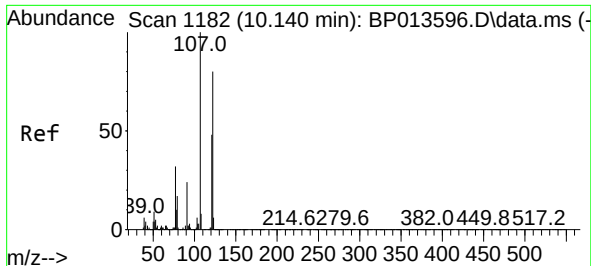


#26  
2-Nitrophenol  
Concen: 43.634 ng  
RT: 10.087 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:139 Resp: 322083  
Ion Ratio Lower Upper  
139 100  
109 30.4 27.8 41.8  
65 49.8 43.1 64.7







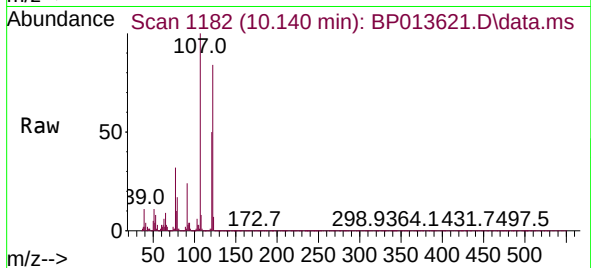
#27  
2,4-Dimethylphenol  
Concen: 46.931 ng  
RT: 10.140 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

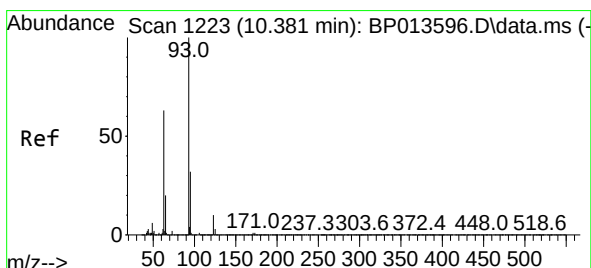
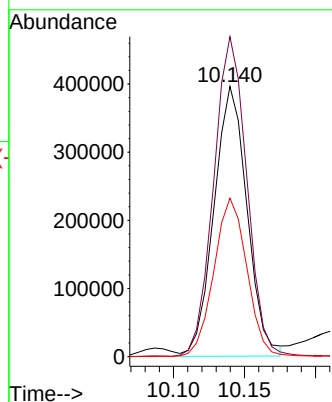
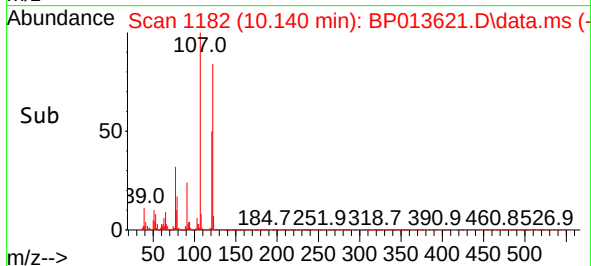


Tgt Ion:122 Resp: 641263  
Ion Ratio Lower Upper  
122 100  
107 118.4 99.2 148.8  
121 58.7 48.0 72.0

Manual Integrations

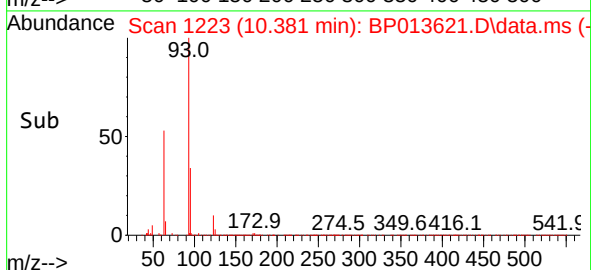
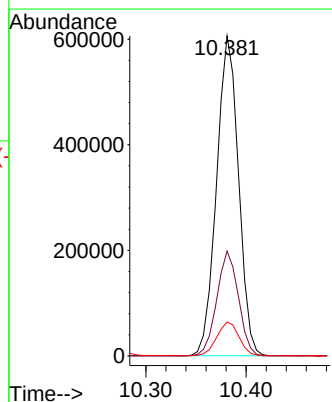
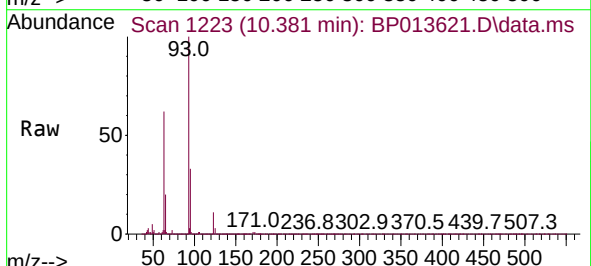
APPROVED

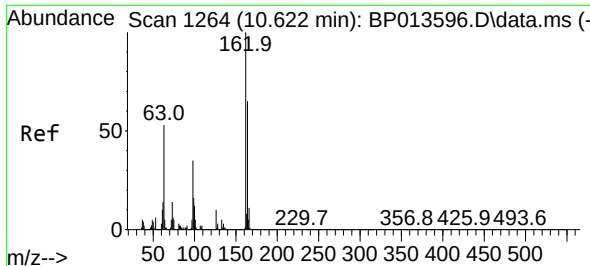
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.148 ng  
RT: 10.381 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

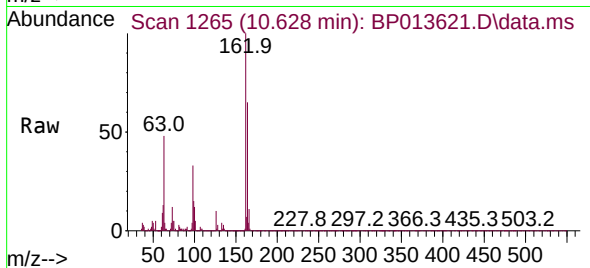
Tgt Ion: 93 Resp: 923828  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.5 38.3  
123 10.6 8.1 12.1





#29  
2,4-Dichlorophenol  
Concen: 45.819 ng  
RT: 10.628 min Scan# 1264  
Delta R.T. 0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

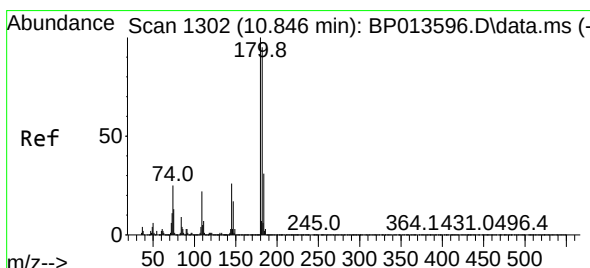
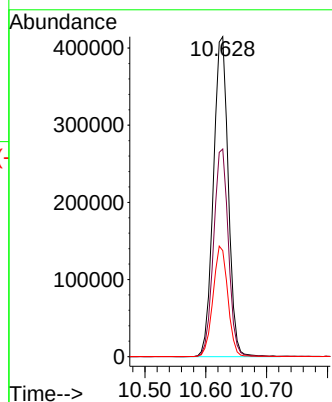
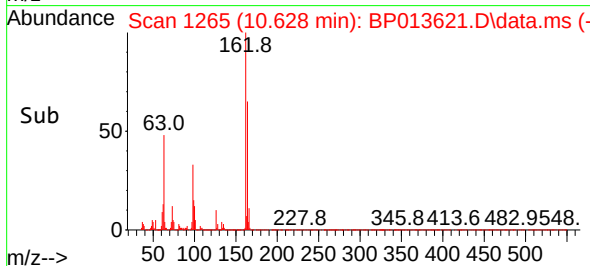
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:162 Resp: 704548  
Ion Ratio Lower Upper  
162 100  
164 64.9 45.3 85.3  
98 33.1 14.9 54.9

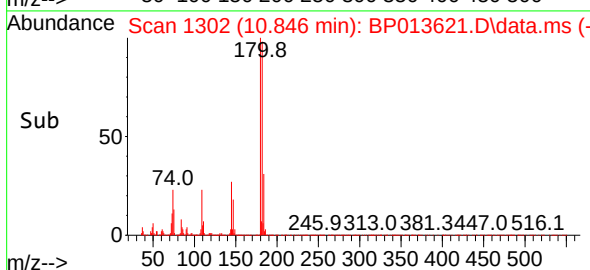
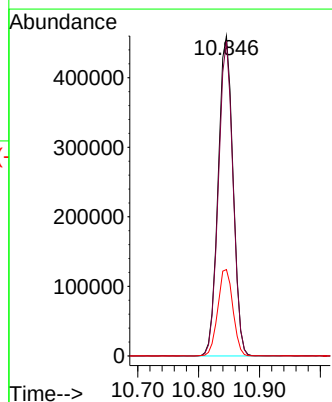
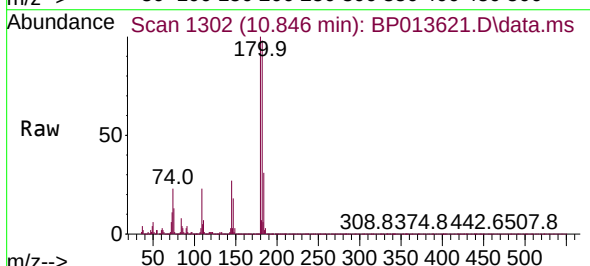
Manual Integrations  
APPROVED

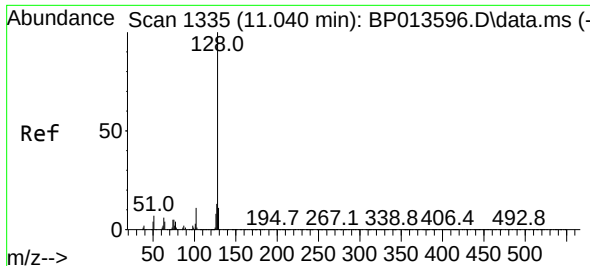
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 45.779 ng  
RT: 10.846 min Scan# 1302  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:180 Resp: 780454  
Ion Ratio Lower Upper  
180 100  
182 98.4 75.9 113.9  
145 27.0 21.1 31.7





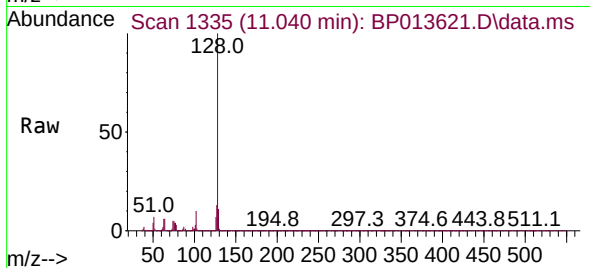
#31  
Naphthalene  
Concen: 44.455 ng  
RT: 11.040 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

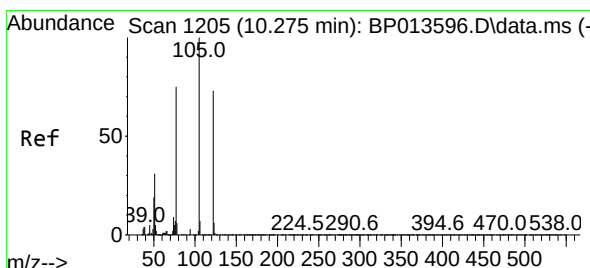
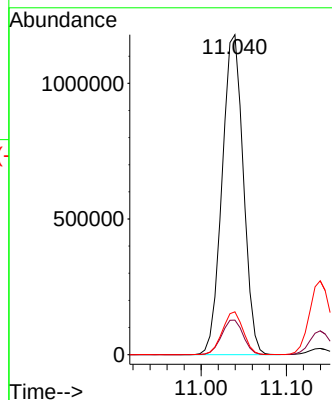
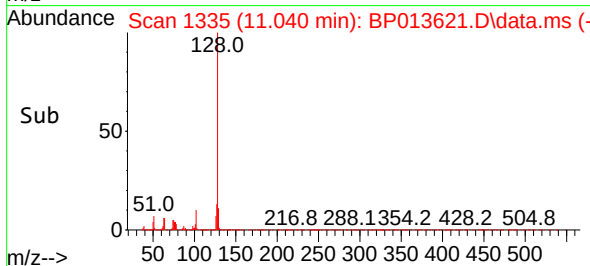


Tgt Ion:128 Resp: 2037916  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.4 10.4 15.6

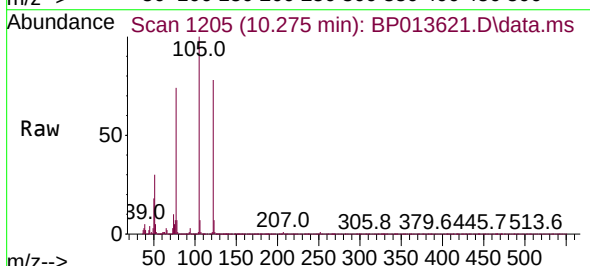
Manual Integrations

APPROVED

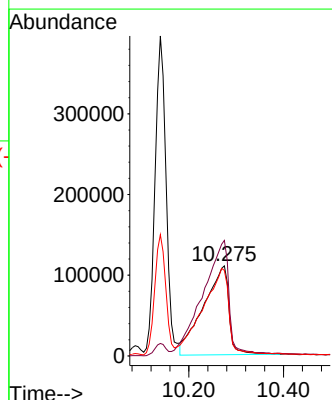
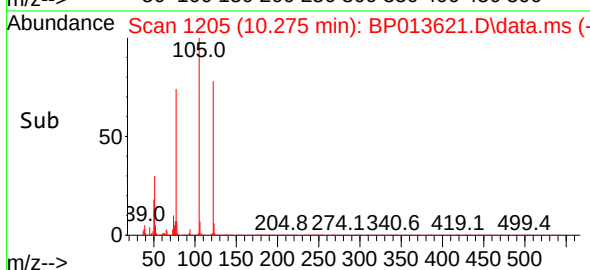
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

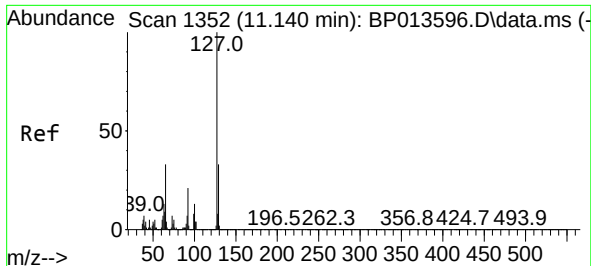


#32  
Benzoic acid  
Concen: 41.657 ng  
RT: 10.275 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:122 Resp: 414939  
Ion Ratio Lower Upper  
122 100  
105 128.3 110.7 150.7  
77 95.0 81.1 121.1





#33  
4-Chloroaniline  
Concen: 23.659 ng  
RT: 11.140 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

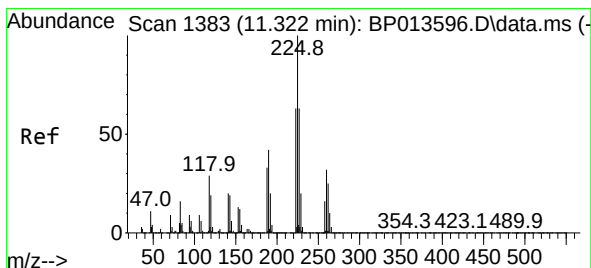
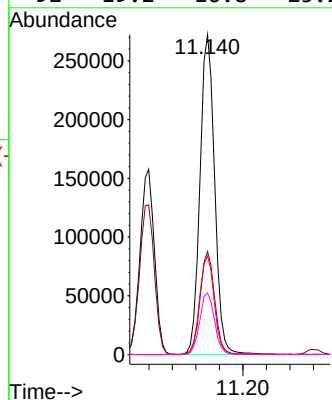
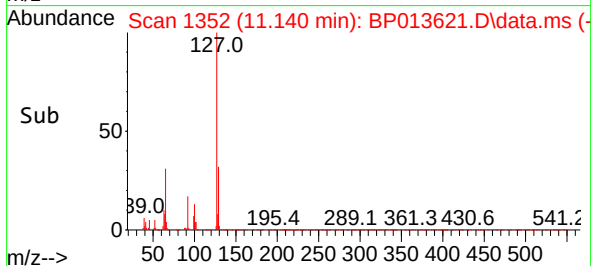
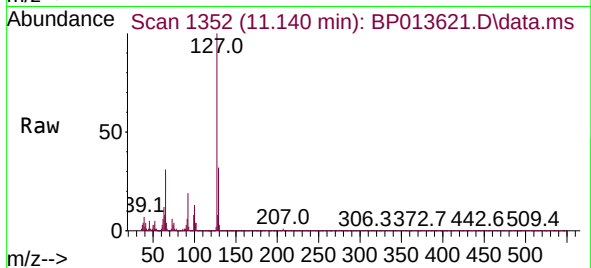
PB150378BS

Tgt Ion:127 Resp: 470851  
Ion Ratio Lower Upper  
127 100  
129 32.3 26.2 39.4  
65 30.9 26.3 39.5  
92 19.2 16.8 25.2

Manual Integrations

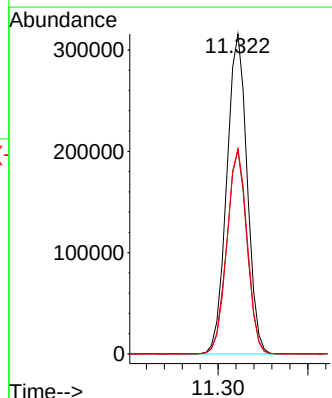
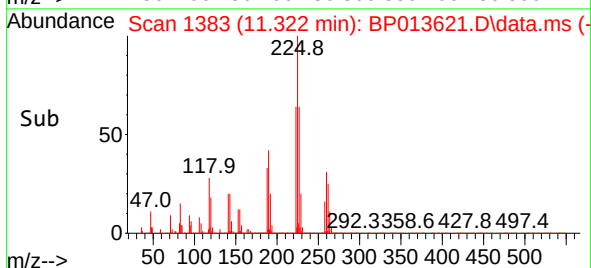
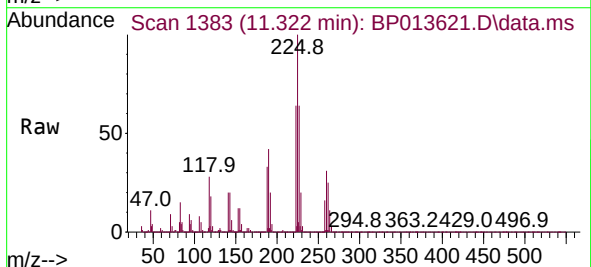
APPROVED

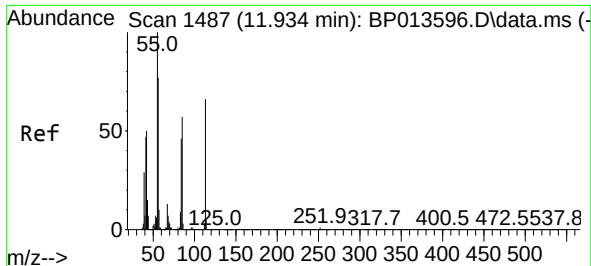
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#34  
Hexachlorobutadiene  
Concen: 43.553 ng  
RT: 11.322 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

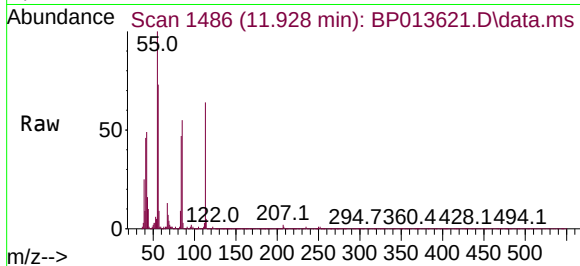
Tgt Ion:225 Resp: 499232  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.7 76.1  
227 64.1 50.5 75.7





#35  
Caprolactam  
Concen: 40.743 ng  
RT: 11.928 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

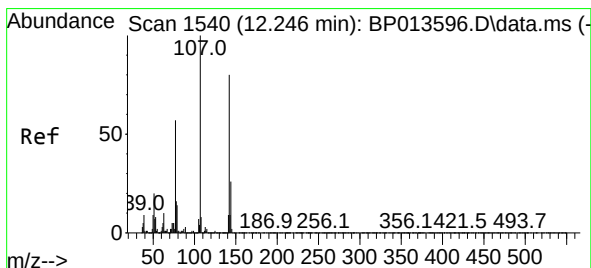
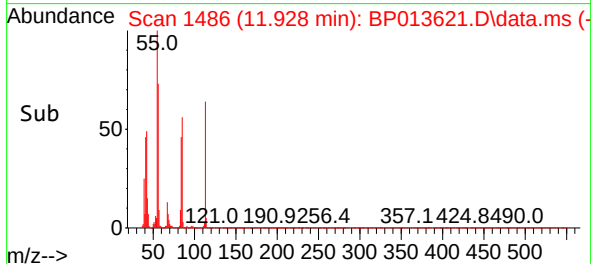
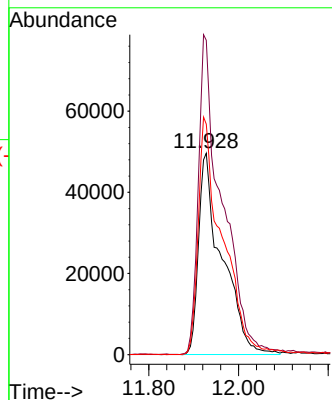
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:113 Resp: 179633  
Ion Ratio Lower Upper  
113 100  
55 156.1 131.6 171.6  
56 114.5 97.2 137.2

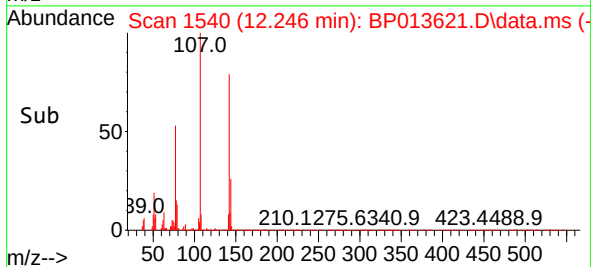
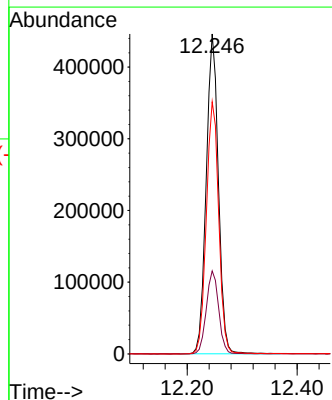
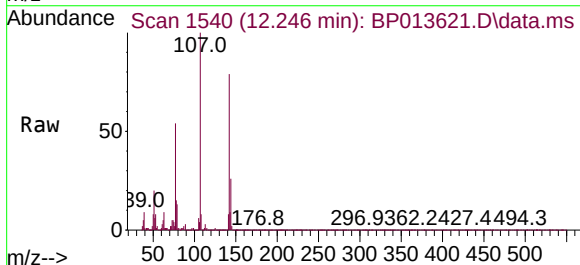
Manual Integrations  
APPROVED

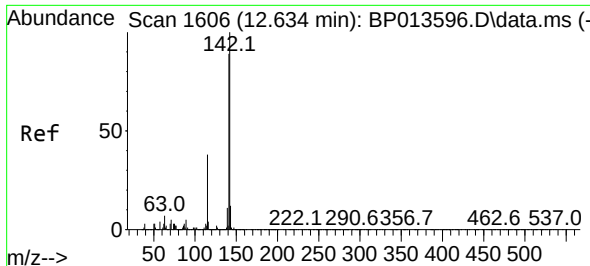
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#36  
4-Chloro-3-methylphenol  
Concen: 42.138 ng  
RT: 12.246 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:107 Resp: 686897  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.9 31.3  
142 78.8 64.2 96.4





#37  
2-Methylnaphthalene  
Concen: 40.891 ng  
RT: 12.628 min Scan# 1605  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

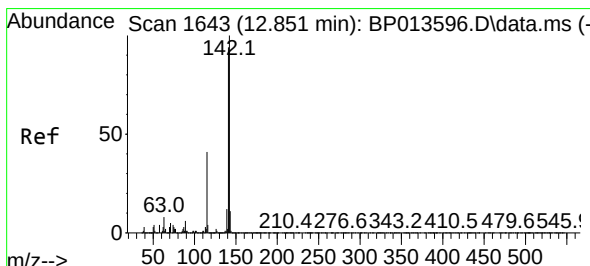
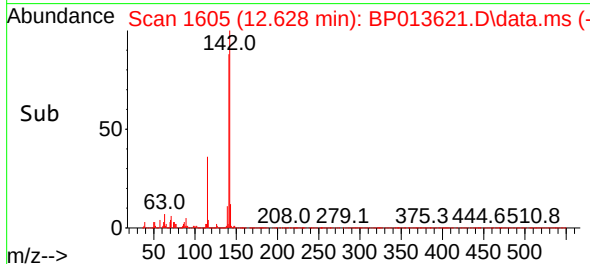
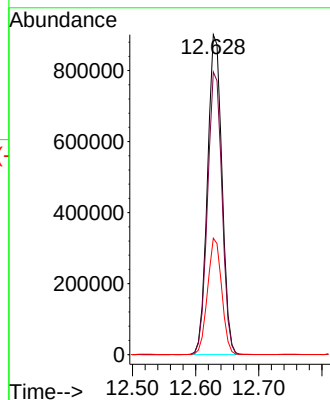
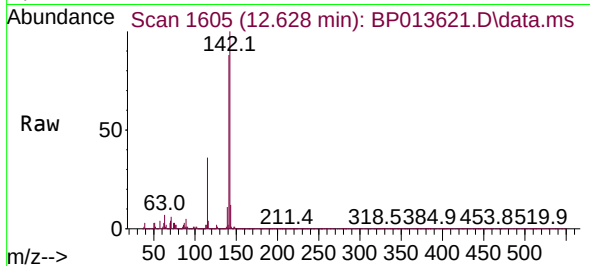
PB150378BS

Tgt Ion:142 Resp: 1432653  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.8 106.2  
115 36.4 30.6 46.0

Manual Integrations

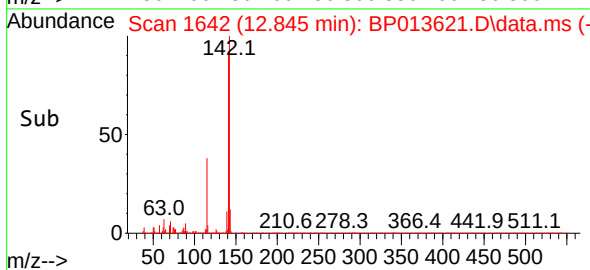
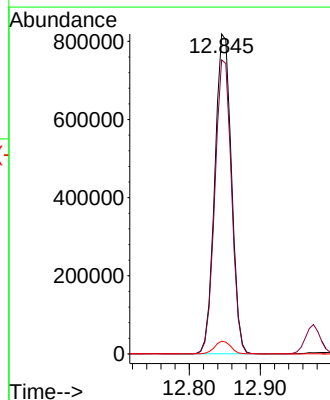
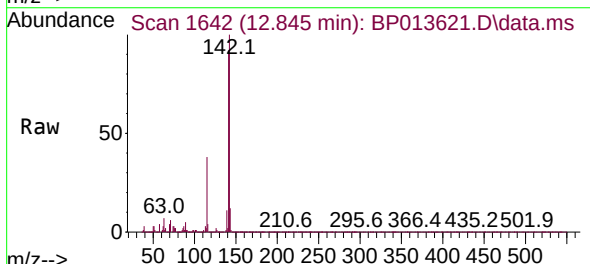
APPROVED

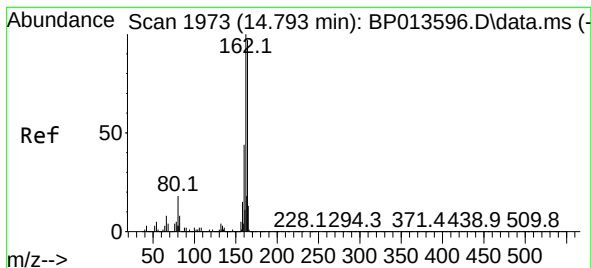
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#38  
1-Methylnaphthalene  
Concen: 40.583 ng  
RT: 12.845 min Scan# 1642  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:142 Resp: 1330793  
Ion Ratio Lower Upper  
142 100  
141 91.9 75.5 113.3  
116 4.0 3.3 4.9





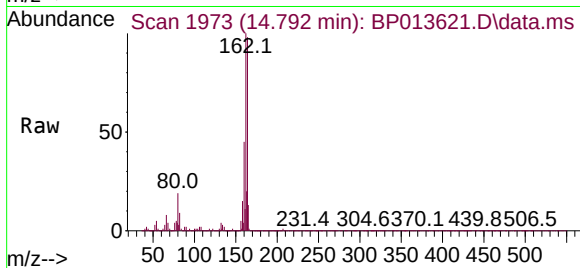
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.792 min Scan# 1973  
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Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

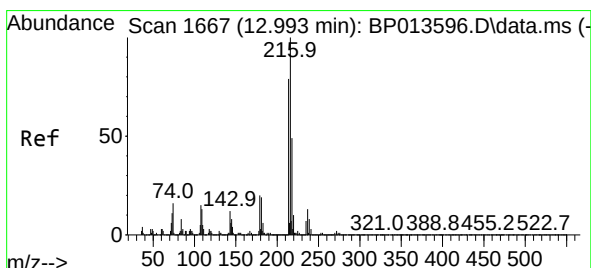
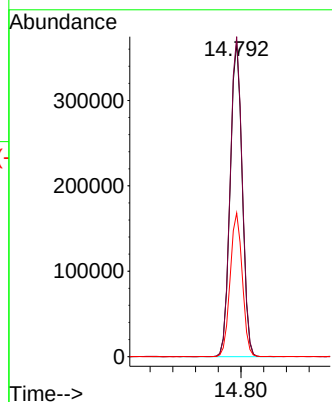
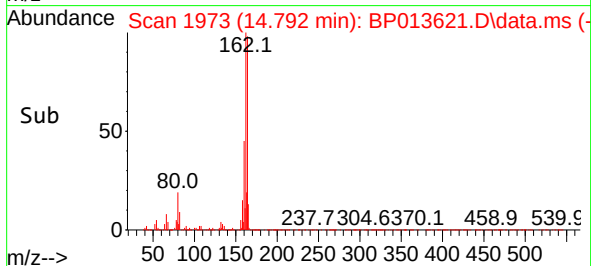
PB150378BS



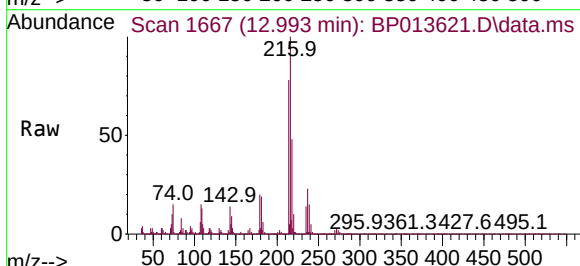
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Ion Ratio Lower Upper  
164 100  
162 101.7 82.3 123.5  
160 45.6 36.6 54.8

Manual Integrations  
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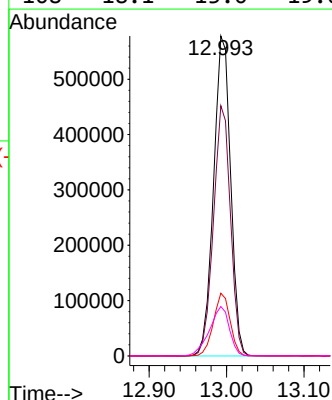
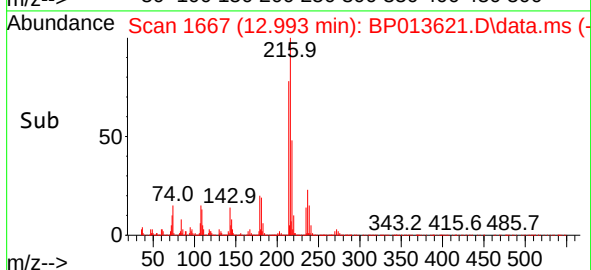
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

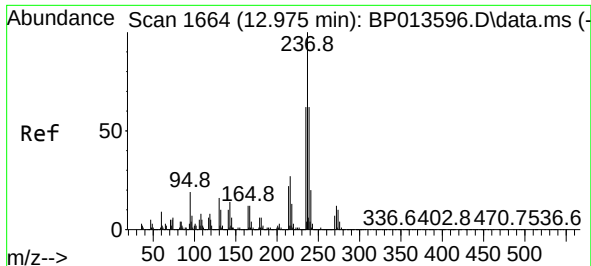


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.152 ng  
RT: 12.993 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



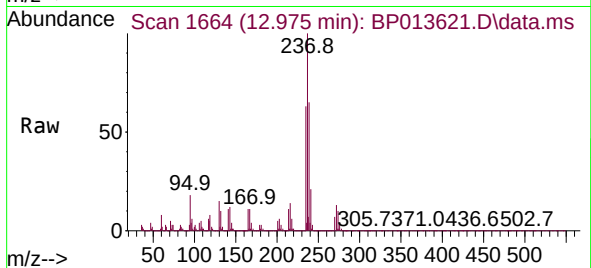
Tgt Ion:216 Resp: 882049  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.4 93.6  
179 19.2 15.4 23.0  
108 18.1 13.0 19.6





#41  
Hexachlorocyclopentadiene  
Concen: 105.727 ng  
RT: 12.975 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

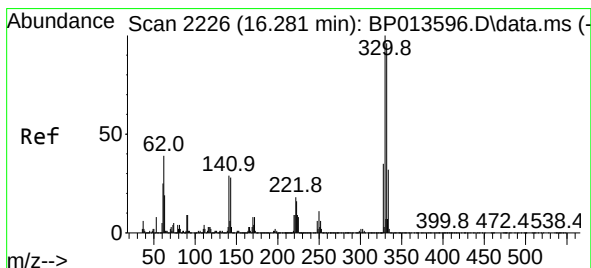
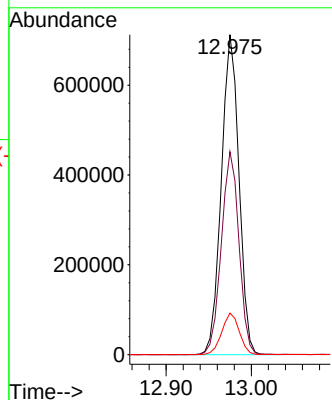
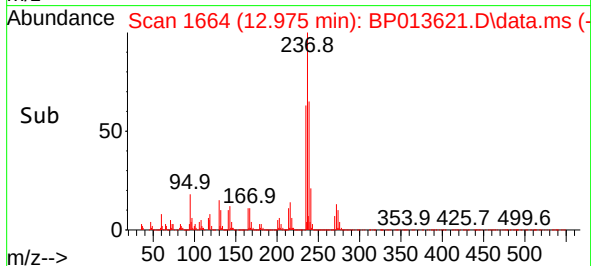
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



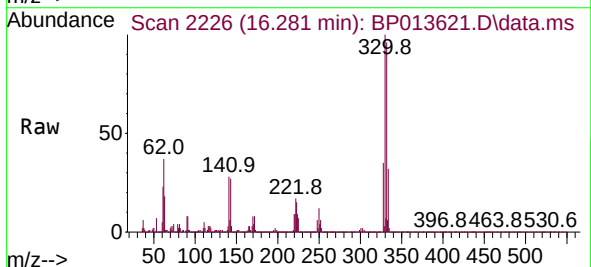
Tgt Ion: 237 Resp: 1021838  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.9 81.9  
272 13.0 0.0 32.4

Manual Integrations  
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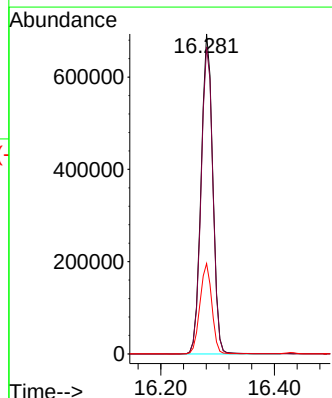
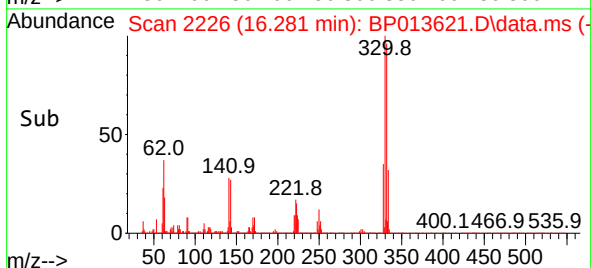
Reviewed By : Christian Giraldo 01/30/2023  
Supervised By : Jagrut Upadhyay 01/30/2023



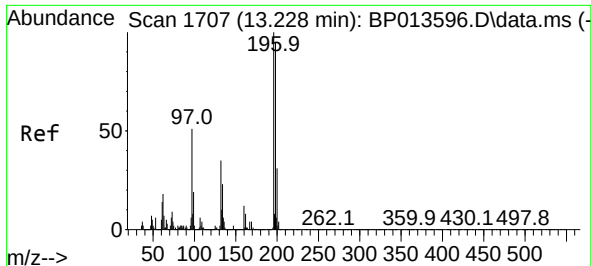
#42  
2,4,6-Tribromophenol  
Concen: 120.432 ng  
RT: 16.281 min Scan# 2226  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion: 330 Resp: 984536  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 28.7 23.3 34.9

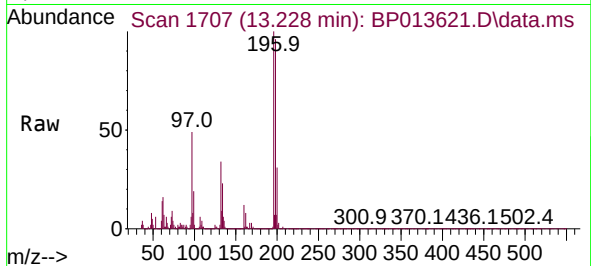






#43  
2,4,6-Trichlorophenol  
Concen: 46.843 ng  
RT: 13.228 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

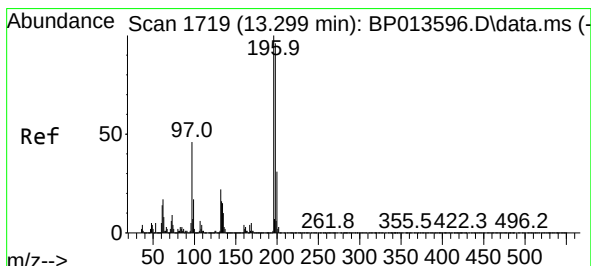
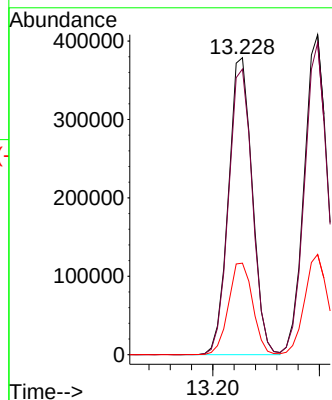
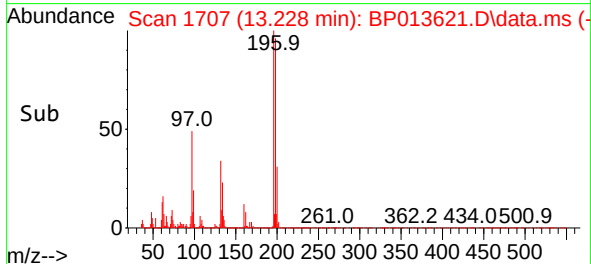
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:196 Resp: 58632  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.2 114.4  
200 30.8 24.8 37.2

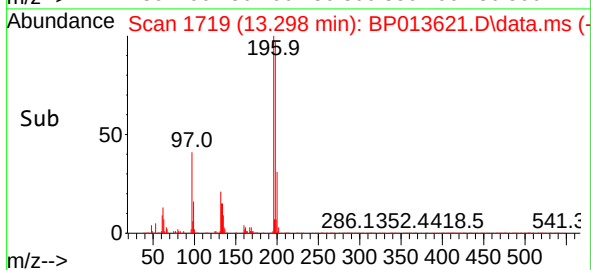
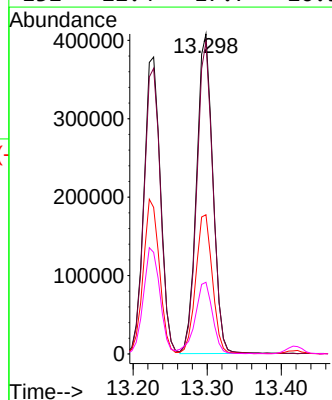
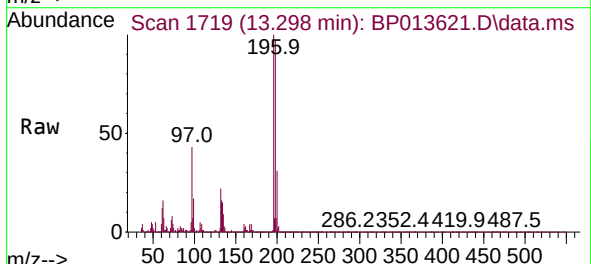
Manual Integrations  
APPROVED

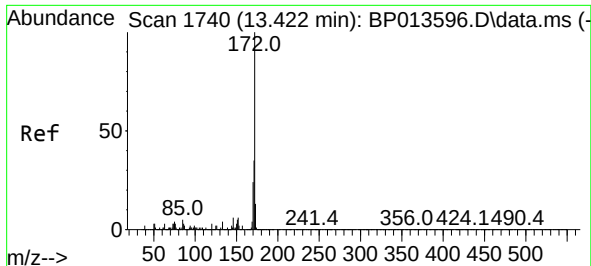
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#44  
2,4,5-Trichlorophenol  
Concen: 42.568 ng  
RT: 13.298 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:196 Resp: 623103  
Ion Ratio Lower Upper  
196 100  
198 97.5 76.9 115.3  
97 43.5 36.8 55.2  
132 22.4 17.7 26.5





#45  
2-Fluorobiphenyl  
Concen: 92.946 ng  
RT: 13.416 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

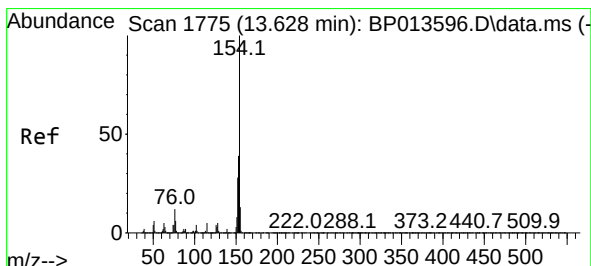
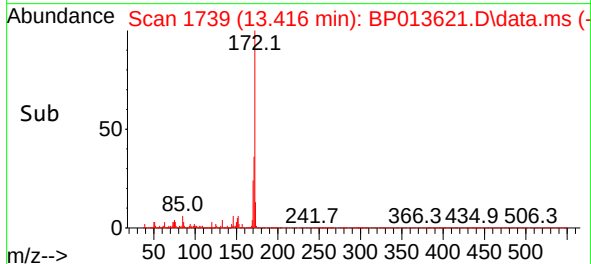
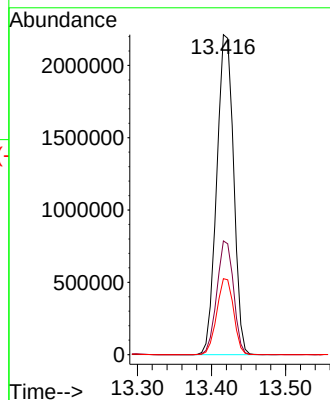
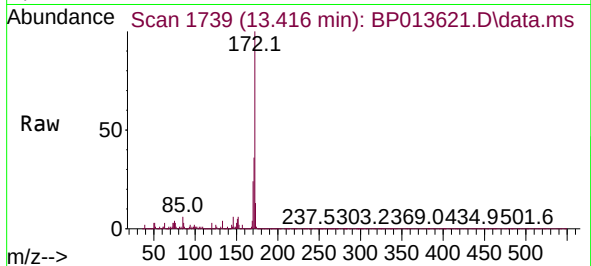
PB150378BS

Tgt Ion:172 Resp: 3494395  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.4  
170 23.7 19.1 28.7

Manual Integrations

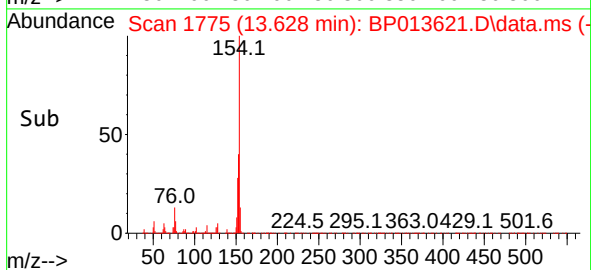
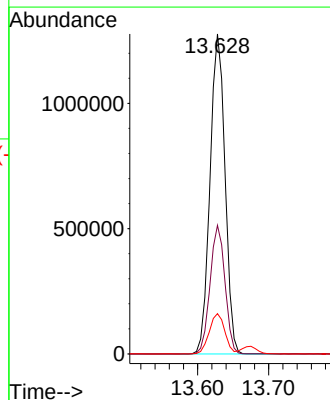
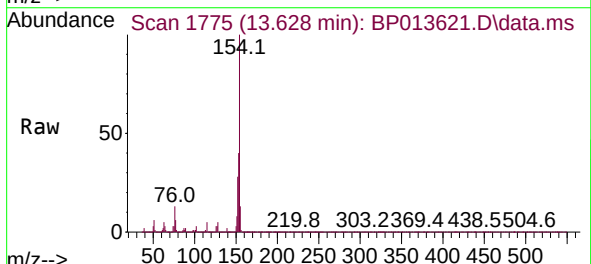
APPROVED

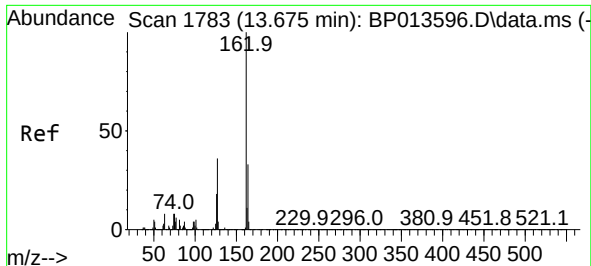
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#46  
1,1'-Biphenyl  
Concen: 46.786 ng  
RT: 13.628 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:154 Resp: 1872038  
Ion Ratio Lower Upper  
154 100  
153 40.2 18.9 58.9  
76 12.6 0.0 32.1





#47  
2-Chloronaphthalene  
Concen: 47.202 ng  
RT: 13.675 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

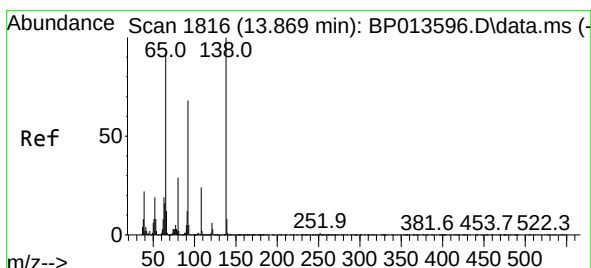
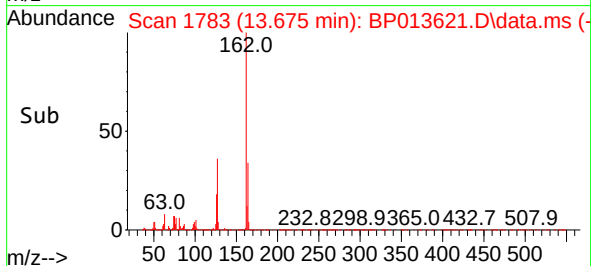
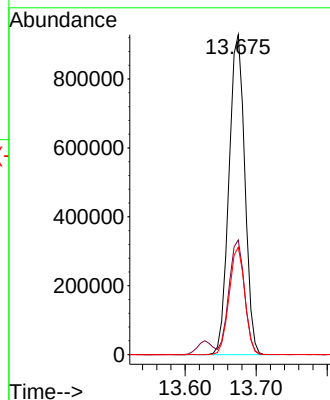
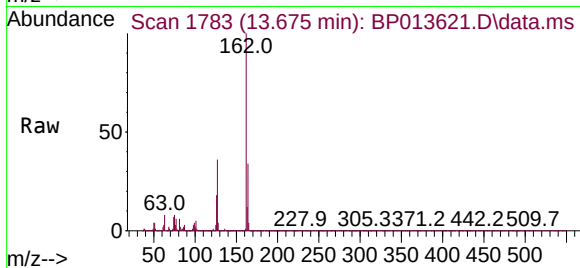
PB150378BS

Tgt Ion:162 Resp: 1441346  
Ion Ratio Lower Upper  
162 100  
127 35.8 29.0 43.6  
164 33.6 26.3 39.5

Manual Integrations

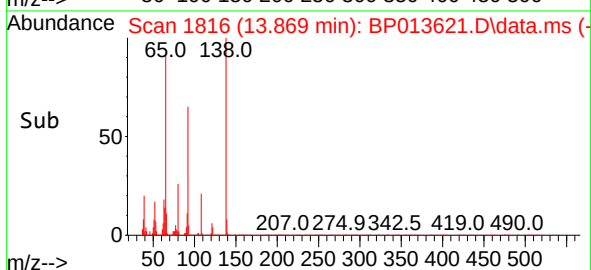
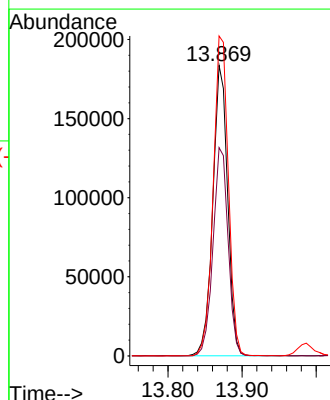
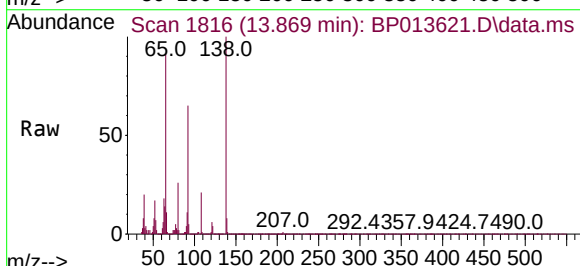
APPROVED

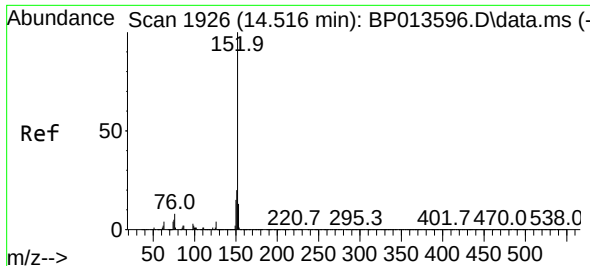
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#48  
2-Nitroaniline  
Concen: 35.987 ng  
RT: 13.869 min Scan# 1816  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

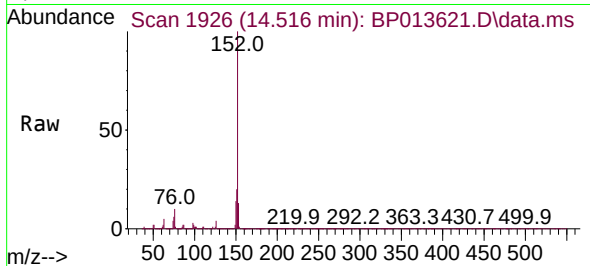
Tgt Ion: 65 Resp: 255806  
Ion Ratio Lower Upper  
65 100  
92 71.7 59.5 89.3  
138 110.1 87.1 130.7





#49  
Acenaphthylene  
Concen: 44.340 ng  
RT: 14.516 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

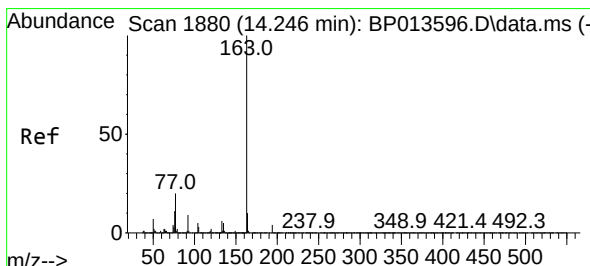
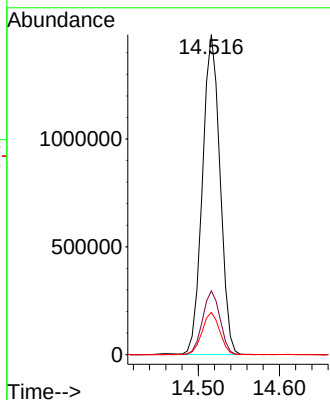
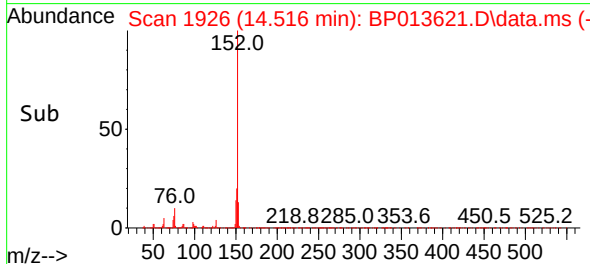
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



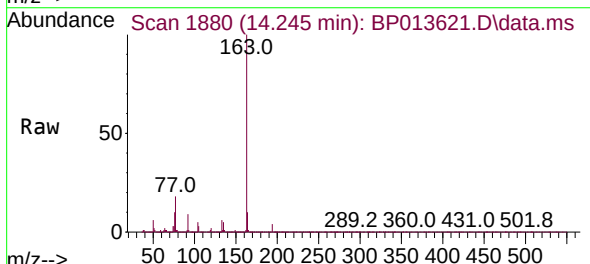
Tgt Ion:152 Resp: 2233227  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.0 24.0  
153 13.2 10.6 16.0

Manual Integrations  
APPROVED

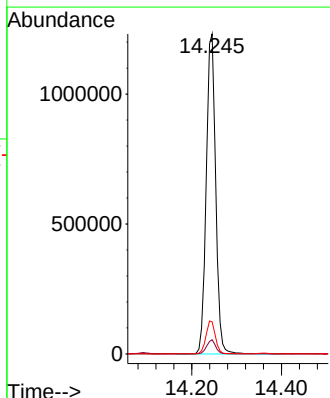
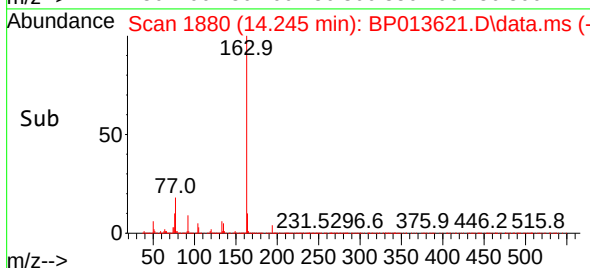
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

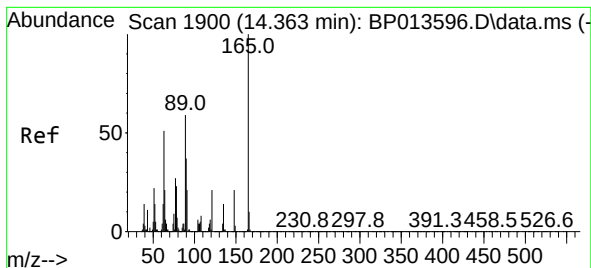


#50  
Dimethylphthalate  
Concen: 42.925 ng  
RT: 14.245 min Scan# 1880  
Delta R.T. -0.001 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



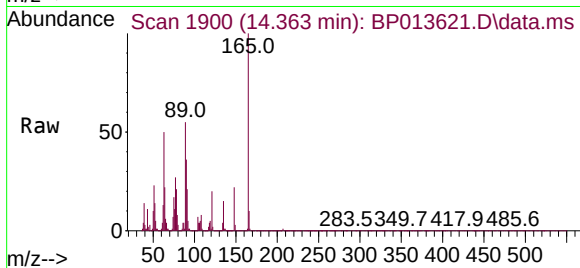
Tgt Ion:163 Resp: 1790289  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.0  
164 10.0 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 39.305 ng  
RT: 14.363 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

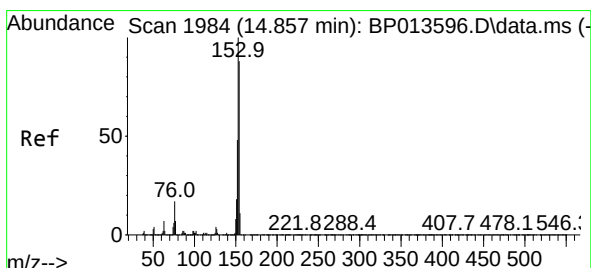
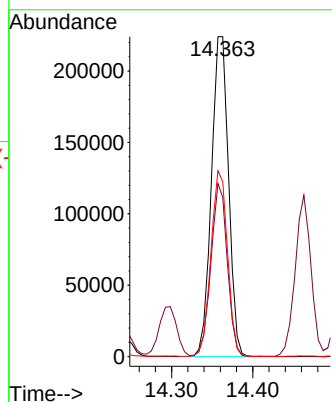
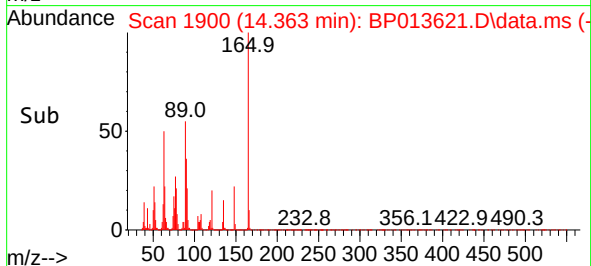
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



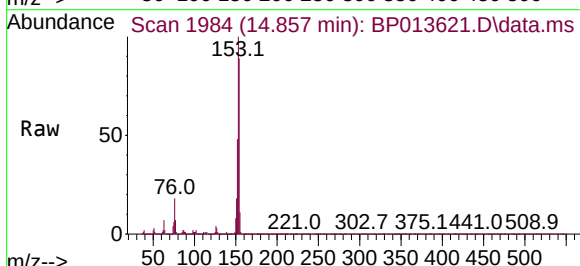
Tgt Ion:165 Resp: 328663  
Ion Ratio Lower Upper  
165 100  
63 49.7 42.4 63.6  
89 54.7 47.0 70.4

Manual Integrations  
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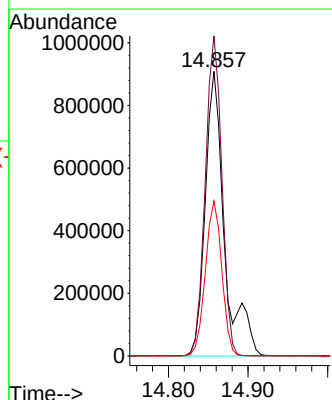
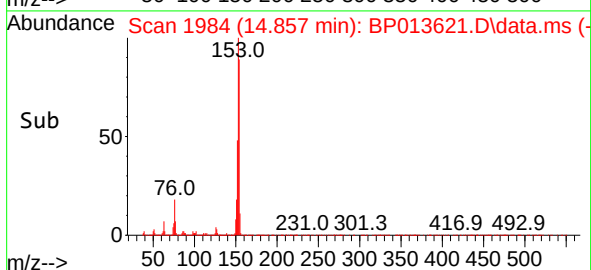
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

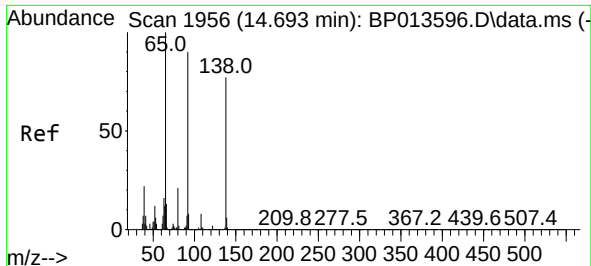


#52  
Acenaphthene  
Concen: 47.399 ng m  
RT: 14.857 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



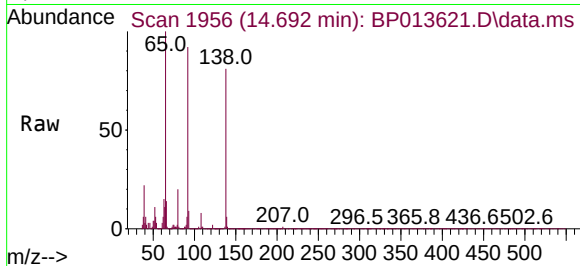
Tgt Ion:154 Resp: 1527898  
Ion Ratio Lower Upper  
154 100  
153 112.5 91.0 136.6  
152 54.4 44.0 66.0





#53  
3-Nitroaniline  
Concen: 30.437 ng  
RT: 14.692 min Scan# 1956  
Delta R.T. -0.001 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

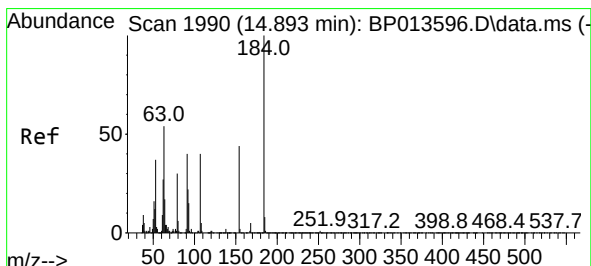
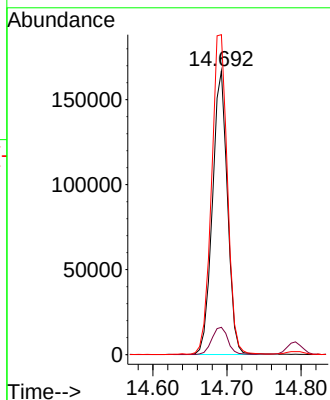
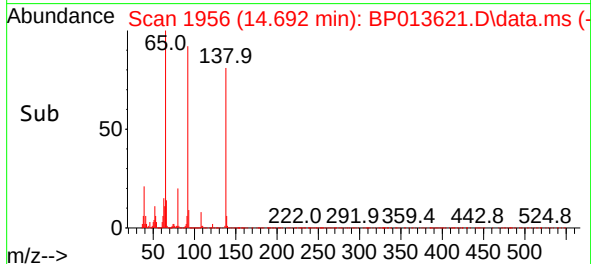
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:138 Resp: 235596  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.0 12.0  
92 112.8 93.7 140.5

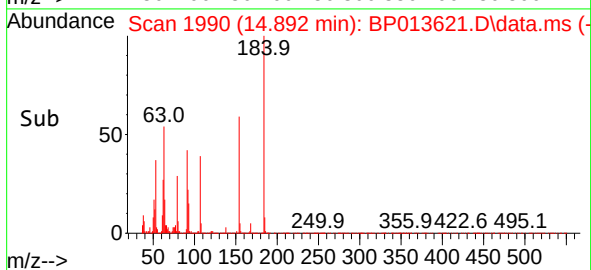
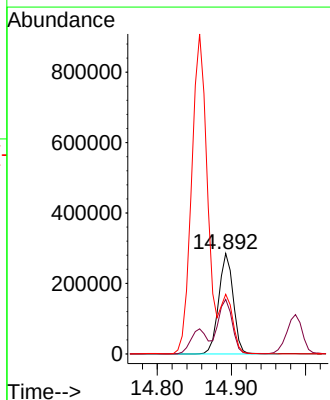
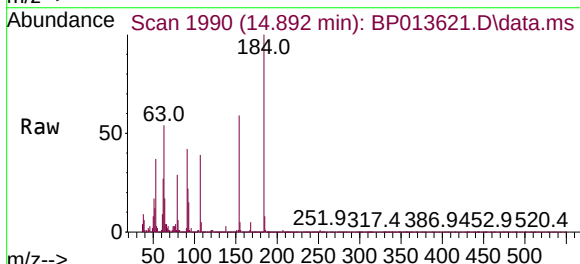
Manual Integrations  
APPROVED

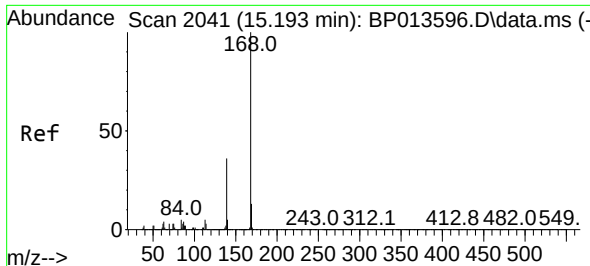
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#54  
2,4-Dinitrophenol  
Concen: 75.442 ng  
RT: 14.892 min Scan# 1990  
Delta R.T. -0.001 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

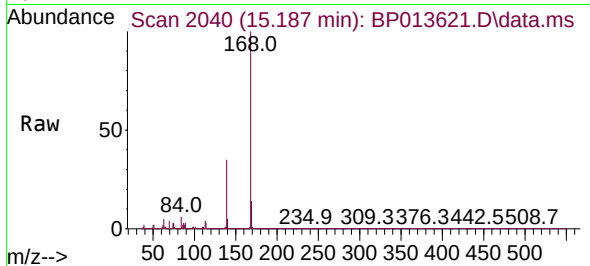
Tgt Ion:184 Resp: 386634  
Ion Ratio Lower Upper  
184 100  
63 54.3 44.4 66.6  
154 59.3 49.0 73.6





#55  
Dibenzofuran  
Concen: 42.724 ng  
RT: 15.187 min Scan# 2041  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

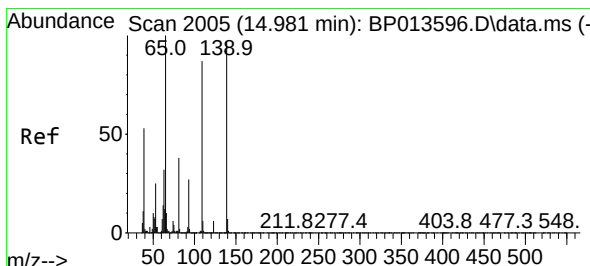
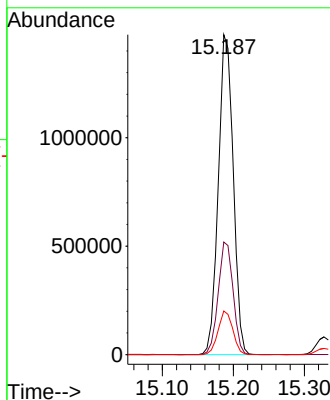
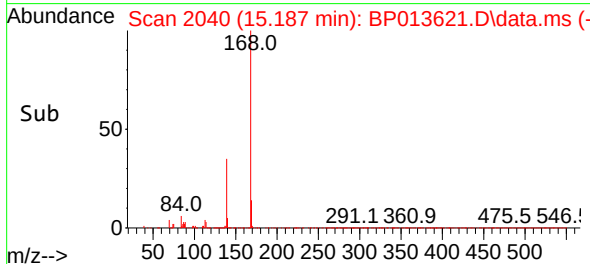
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:168 Resp: 2156989  
Ion Ratio Lower Upper  
168 100  
139 35.2 29.0 43.4  
169 13.6 10.6 15.8

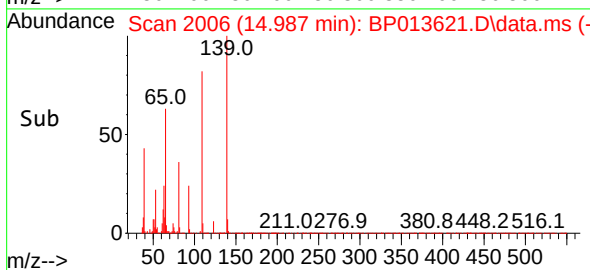
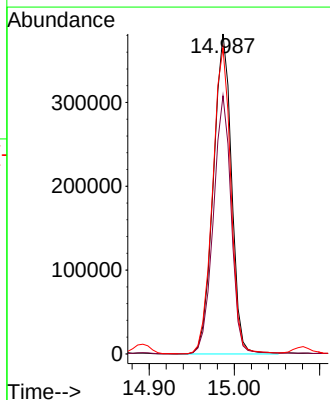
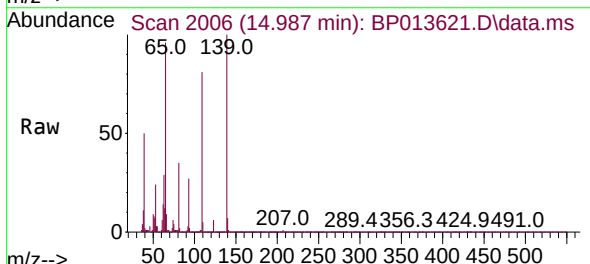
Manual Integrations  
APPROVED

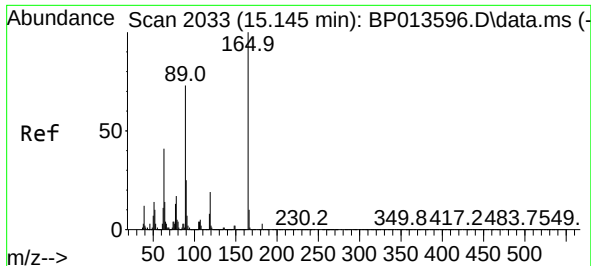
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#56  
4-Nitrophenol  
Concen: 83.290 ng  
RT: 14.987 min Scan# 2006  
Delta R.T. 0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

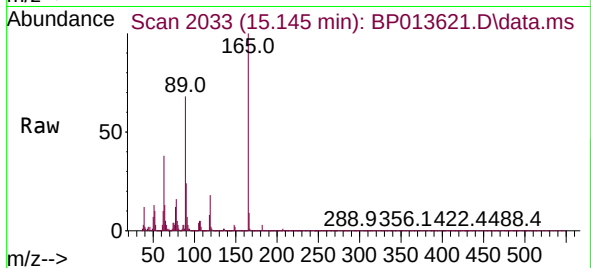
Tgt Ion:139 Resp: 566259  
Ion Ratio Lower Upper  
139 100  
109 80.7 69.5 109.5  
65 95.6 83.1 123.1





#57  
2,4-Dinitrotoluene  
Concen: 38.013 ng  
RT: 15.145 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

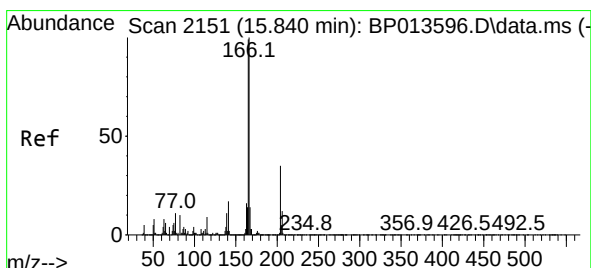
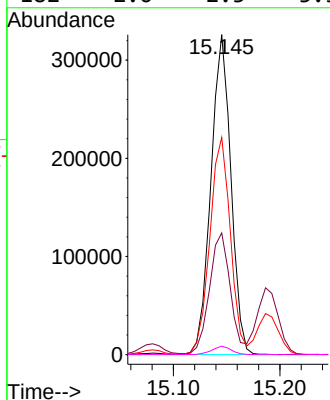
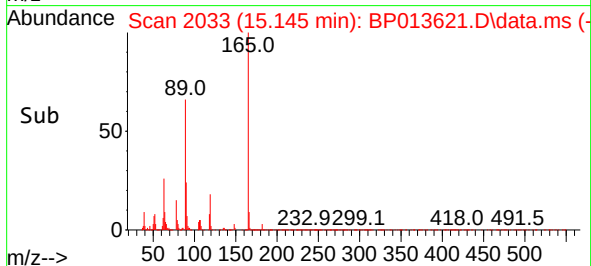
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:165 Resp: 425502  
Ion Ratio Lower Upper  
165 100  
63 38.0 32.6 49.0  
89 67.9 58.4 87.6  
182 2.6 2.3 3.5

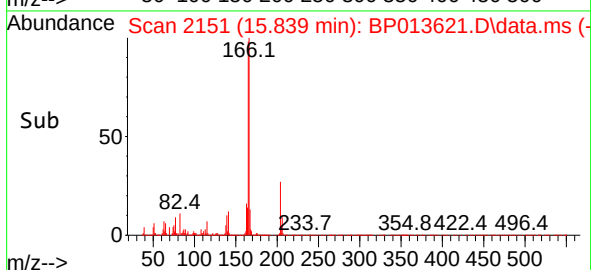
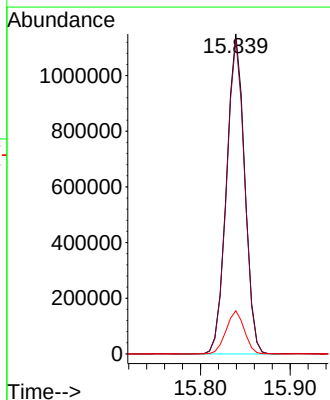
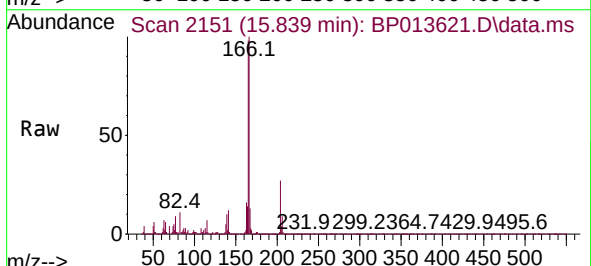
Manual Integrations  
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Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

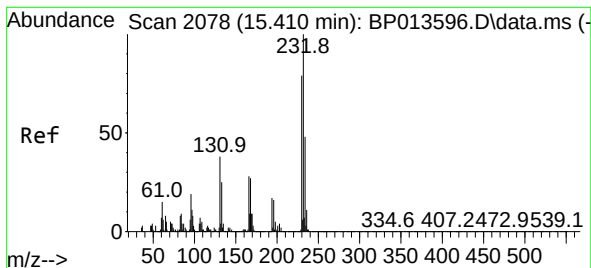


#58  
Fluorene  
Concen: 41.890 ng  
RT: 15.839 min Scan# 2151  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:166 Resp: 1617235  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.4 119.0  
167 13.5 10.9 16.3







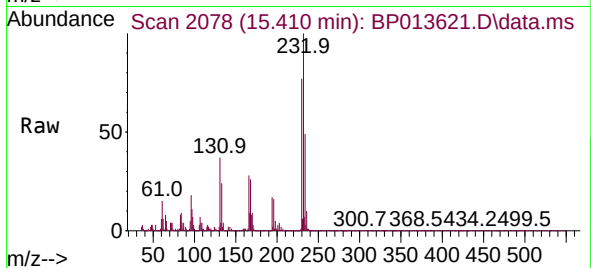
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.580 ng  
RT: 15.410 min Scan# 2078  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

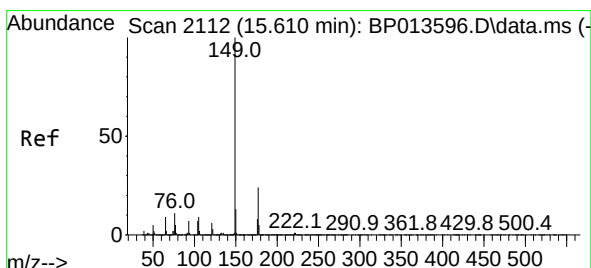
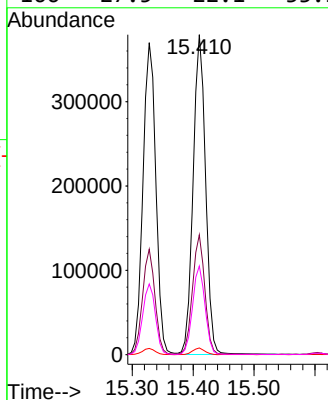
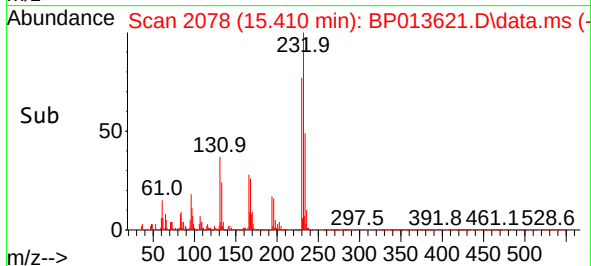


Tgt Ion:232 Resp: 539951  
Ion Ratio Lower Upper  
232 100  
131 36.8 29.4 44.2  
130 2.0 1.6 2.4  
166 27.5 22.1 33.1

Manual Integrations

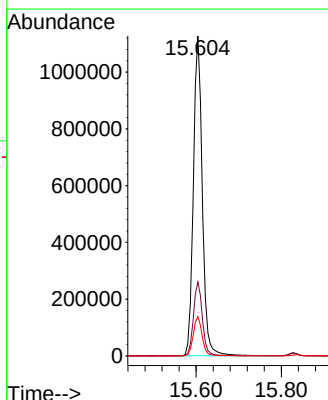
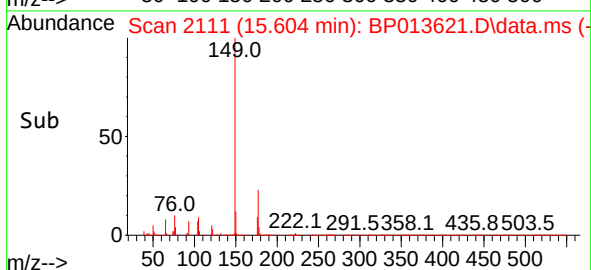
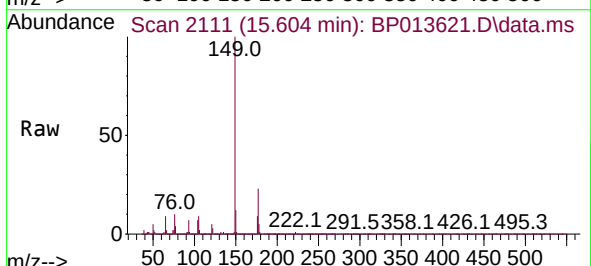
APPROVED

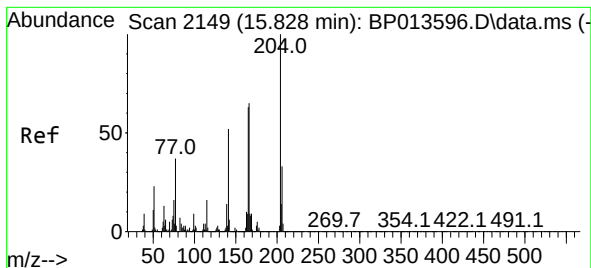
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#60  
Diethylphthalate  
Concen: 43.228 ng  
RT: 15.604 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

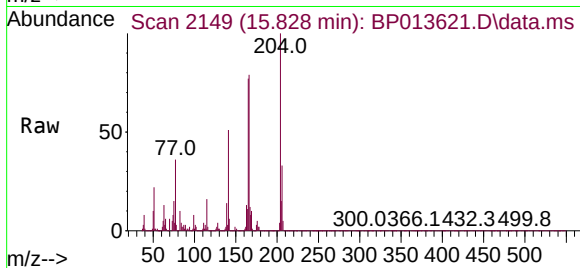
Tgt Ion:149 Resp: 1646490  
Ion Ratio Lower Upper  
149 100  
177 23.1 19.0 28.6  
150 12.3 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 41.780 ng  
RT: 15.828 min Scan# 2149  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

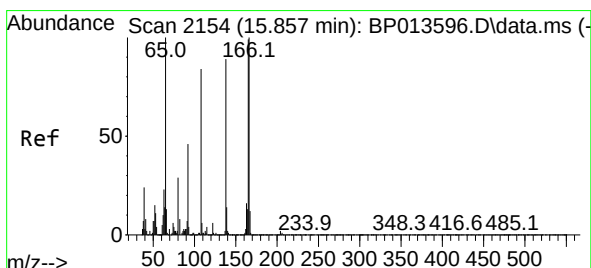
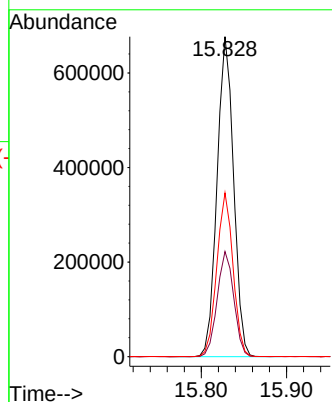
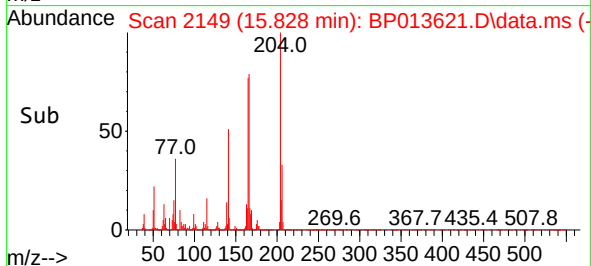
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



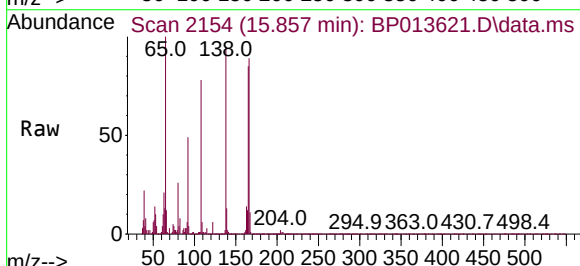
Tgt Ion:204 Resp: 910826  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.7 40.1  
141 51.2 41.7 62.5

Manual Integrations  
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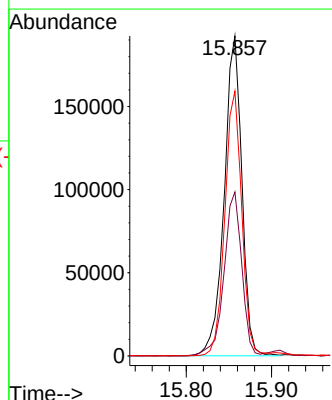
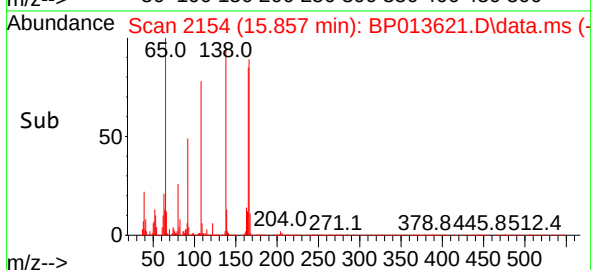
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

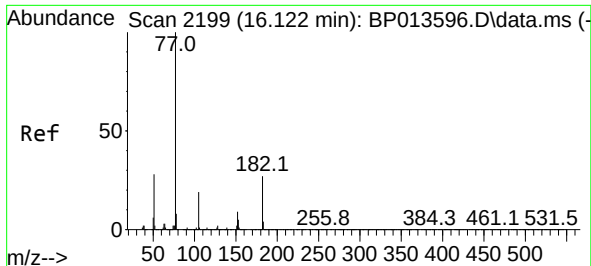


#62  
4-Nitroaniline  
Concen: 37.207 ng  
RT: 15.857 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



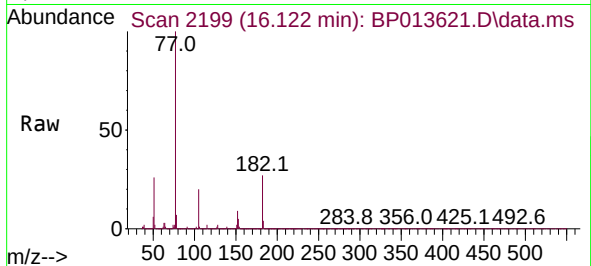
Tgt Ion:138 Resp: 277095  
Ion Ratio Lower Upper  
138 100  
92 51.2 31.9 71.9  
108 82.7 73.7 113.7





#63  
Azobenzene  
Concen: 40.805 ng  
RT: 16.122 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

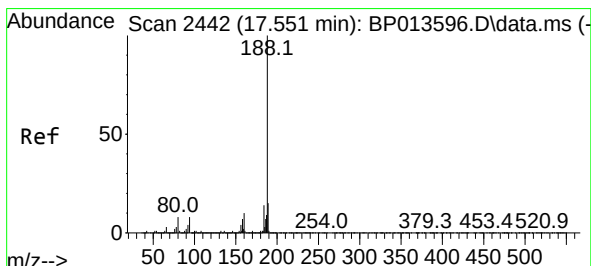
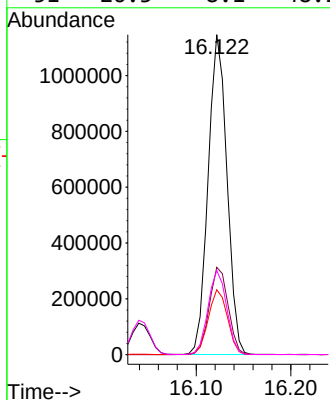
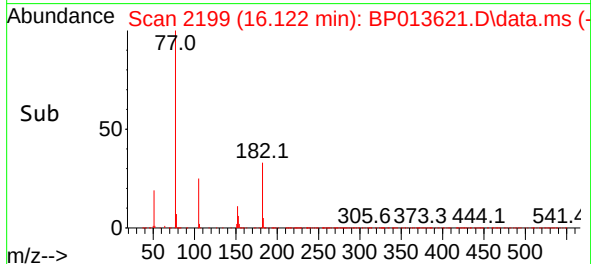
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion: 77 Resp: 158358  
Ion Ratio Lower Upper  
77 100  
182 27.3 7.0 47.0  
105 20.3 0.0 39.2  
51 26.3 8.1 48.1

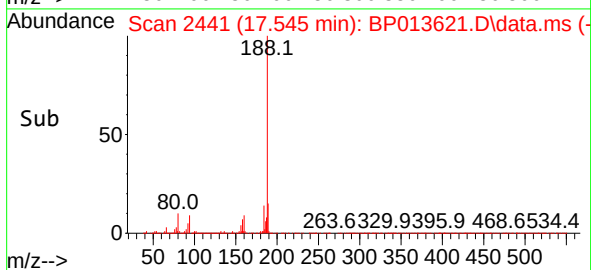
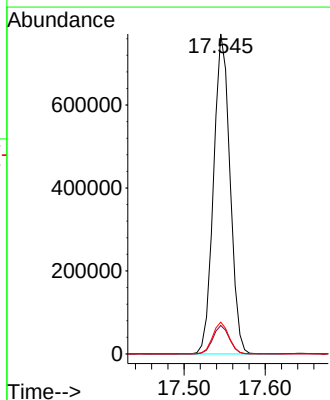
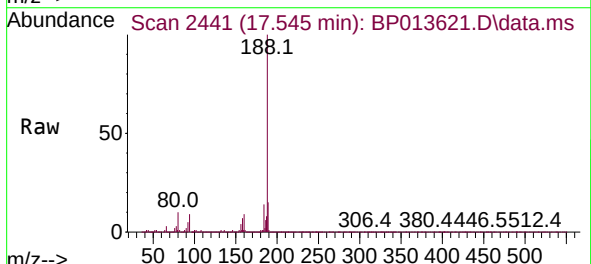
Manual Integrations  
APPROVED

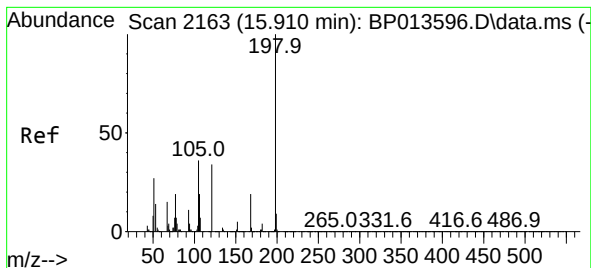
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.545 min Scan# 2441  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

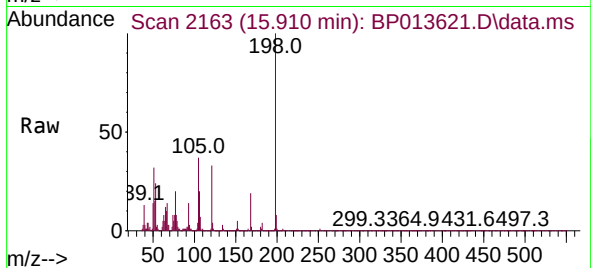
Tgt Ion:188 Resp: 1082314  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.1 9.1  
80 9.9 6.6 10.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.906 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

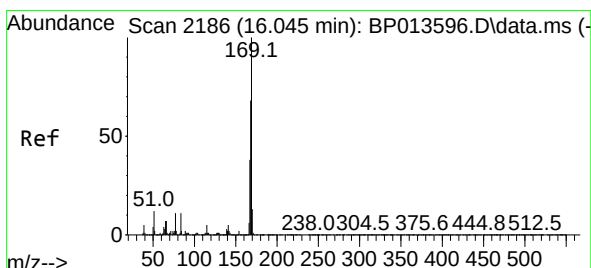
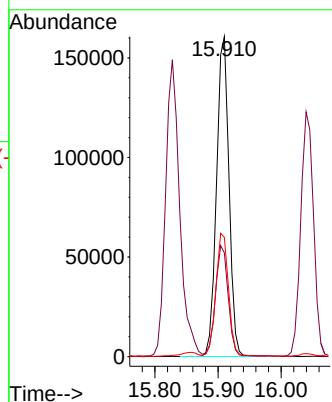
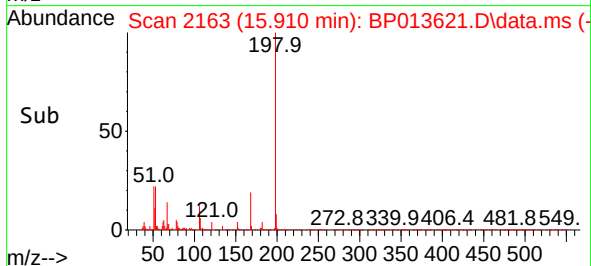
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



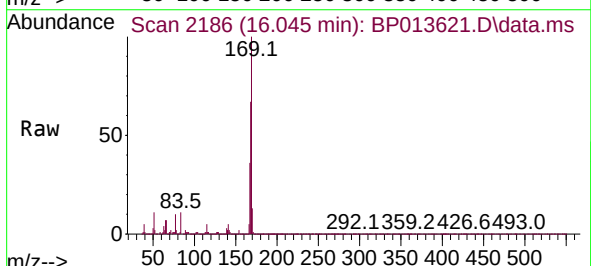
Tgt Ion:198 Resp: 220596  
Ion Ratio Lower Upper  
198 100  
51 32.4 15.0 55.0  
105 37.3 17.7 57.7

Manual Integrations  
APPROVED

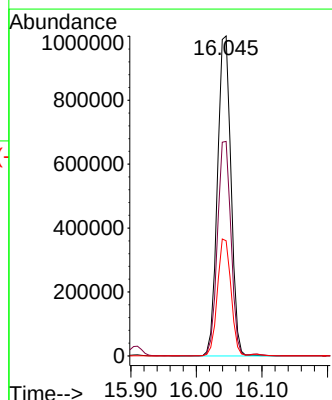
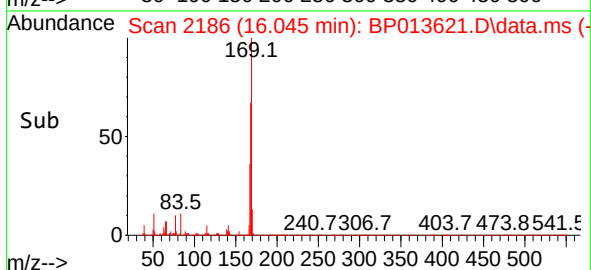
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

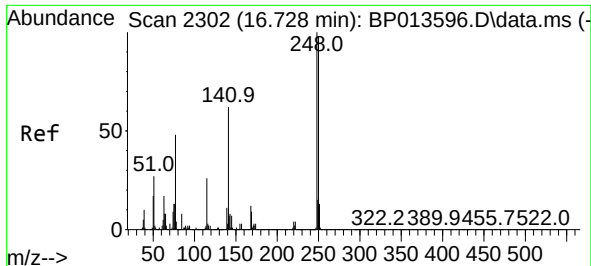


#66  
n-Nitrosodiphenylamine  
Concen: 48.134 ng  
RT: 16.045 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



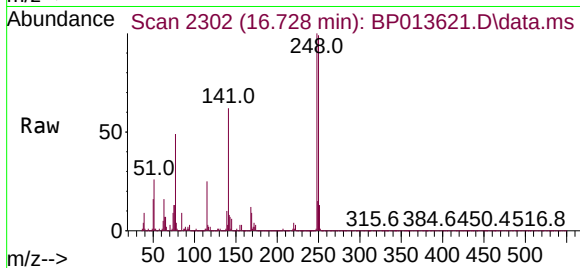
Tgt Ion:169 Resp: 1435337  
Ion Ratio Lower Upper  
169 100  
168 67.0 54.5 81.7  
167 36.0 30.2 45.4





#67  
4-Bromophenyl-phenylether  
Concen: 45.961 ng  
RT: 16.728 min Scan# 2302  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

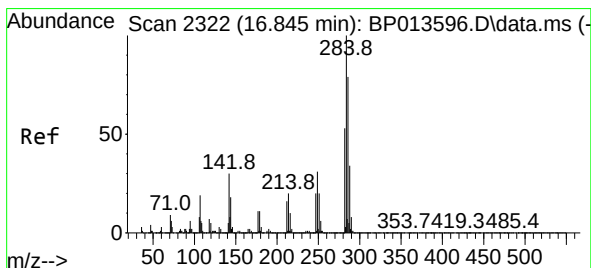
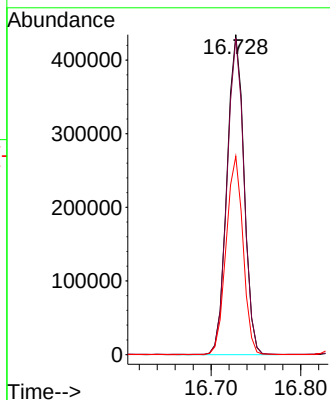
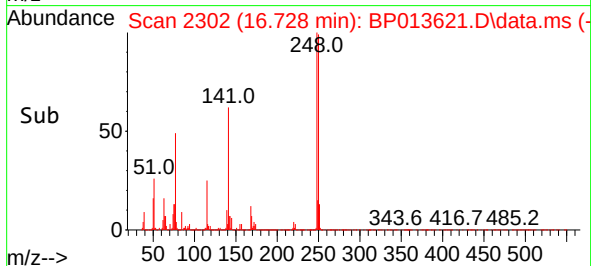
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:248 Resp: 573365  
Ion Ratio Lower Upper  
248 100  
250 98.9 78.6 117.8  
141 62.0 49.8 74.8

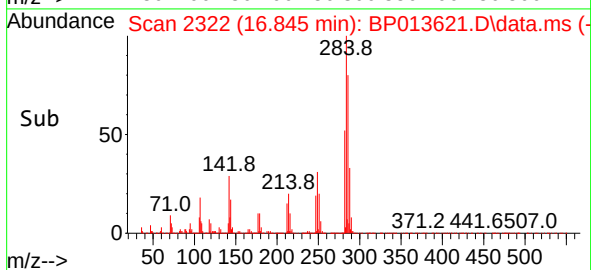
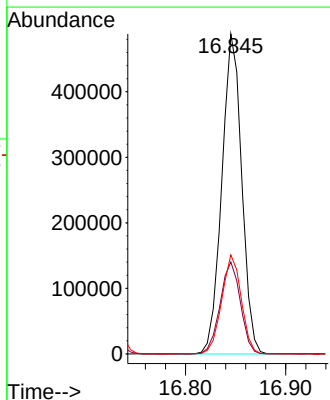
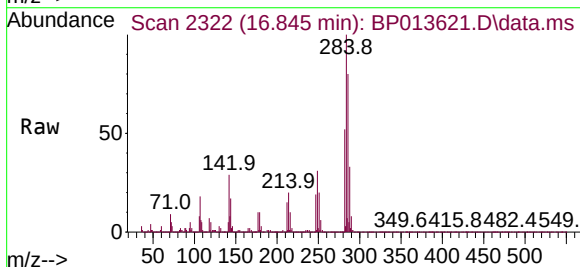
Manual Integrations  
APPROVED

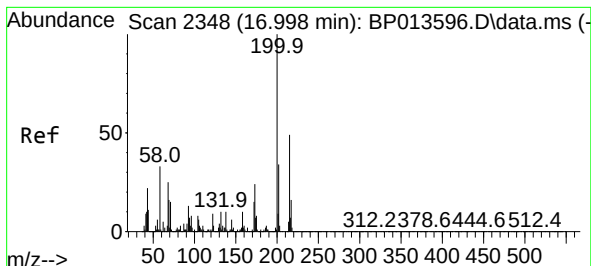
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#68  
Hexachlorobenzene  
Concen: 49.374 ng  
RT: 16.845 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:284 Resp: 673263  
Ion Ratio Lower Upper  
284 100  
142 28.7 24.1 36.1  
249 30.9 25.0 37.6





#69

Atrazine

Concen: 50.498 ng

RT: 16.992 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

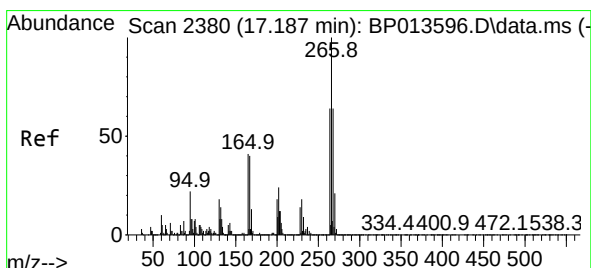
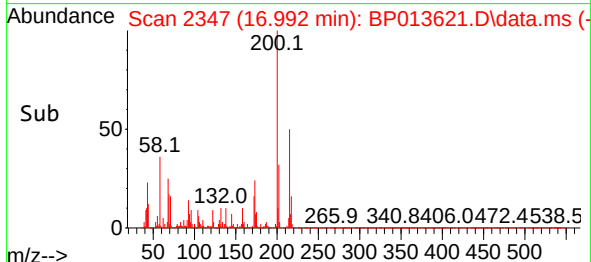
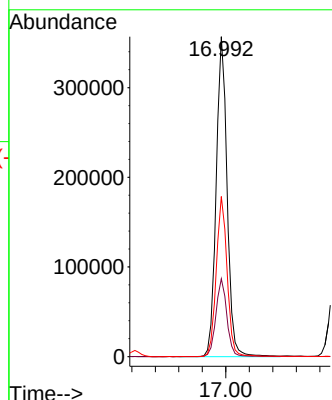
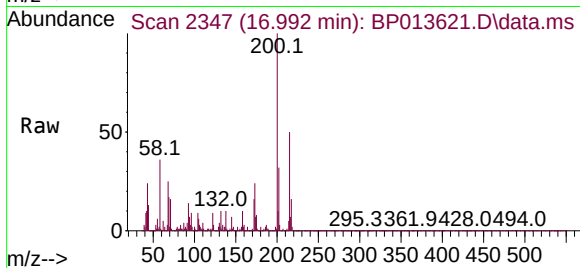
PB150378BS

Tgt Ion:200 Resp: 460315  
 Ion Ratio Lower Upper  
 200 100  
 173 24.3 3.5 43.5  
 215 50.0 29.2 69.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023  
 Supervised By :Jagrut Upadhyay 01/30/2023



#70

Pentachlorophenol

Concen: 77.429 ng

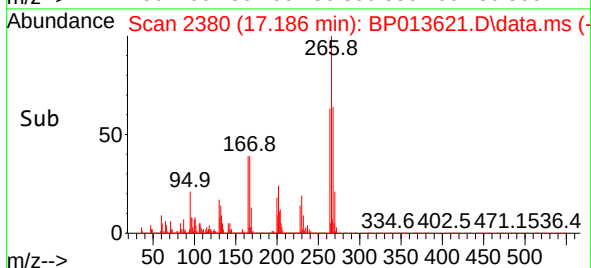
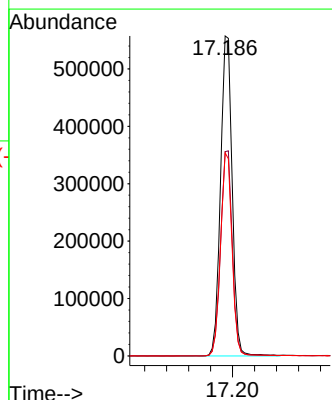
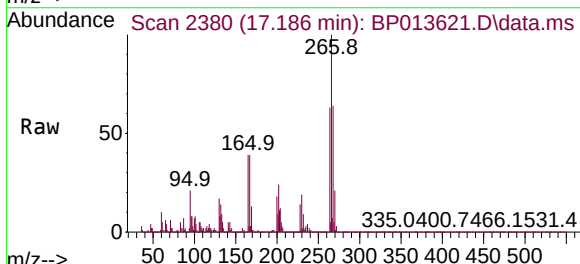
RT: 17.186 min Scan# 2380

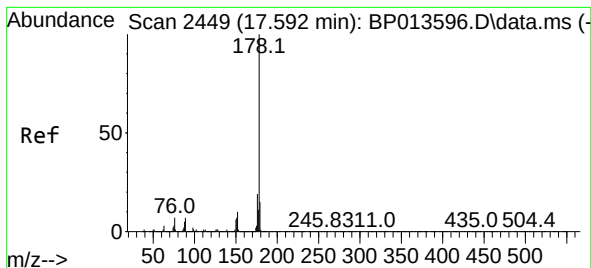
Delta R.T. -0.001 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

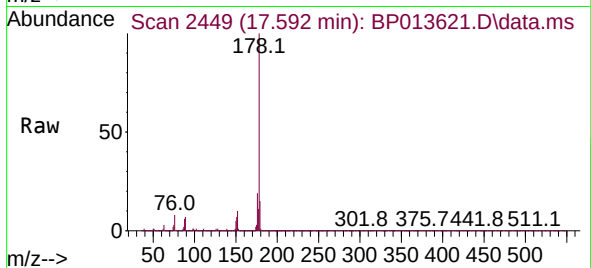
Tgt Ion:266 Resp: 820534  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 51.4 77.0  
 264 63.5 51.0 76.6





#71  
Phenanthrene  
Concen: 46.204 ng  
RT: 17.592 min Scan# 2449  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

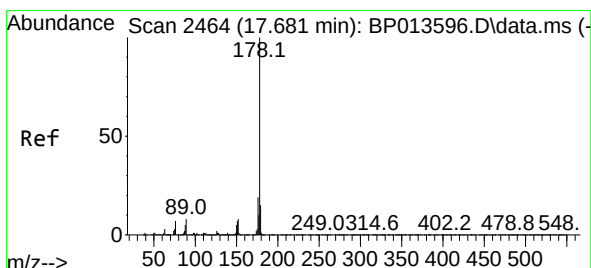
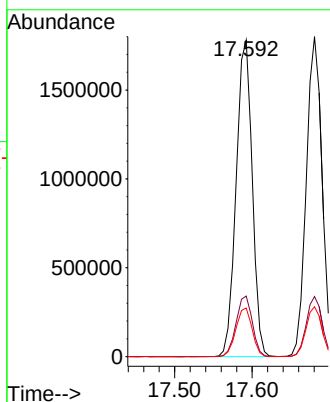
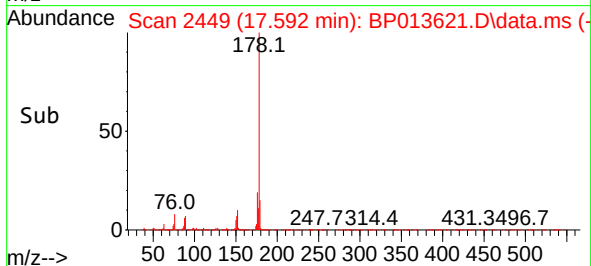
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



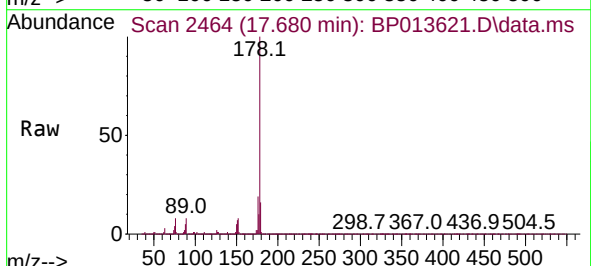
Tgt Ion:178 Resp: 2564764  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.3 12.2 18.4

Manual Integrations  
APPROVED

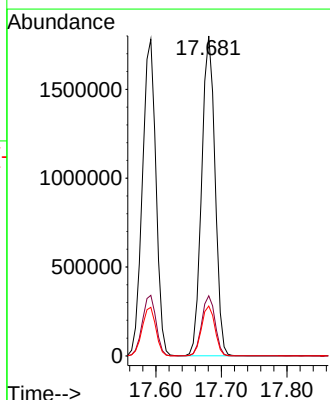
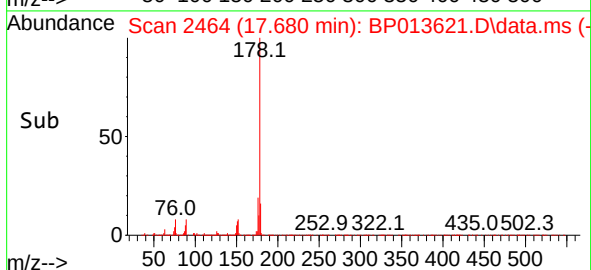
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

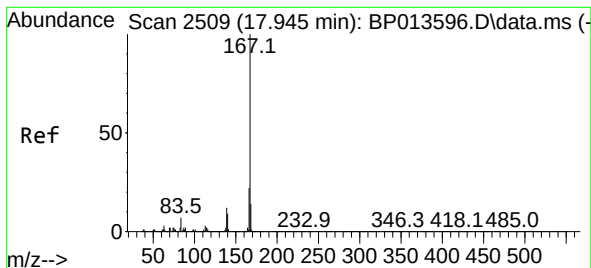


#72  
Anthracene  
Concen: 45.169 ng  
RT: 17.680 min Scan# 2464  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:178 Resp: 2533485  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.6 12.3 18.5





#73

Carbazole

Concen: 43.458 ng

RT: 17.939 min Scan# 2509

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

Tgt Ion:167 Resp: 2172063

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

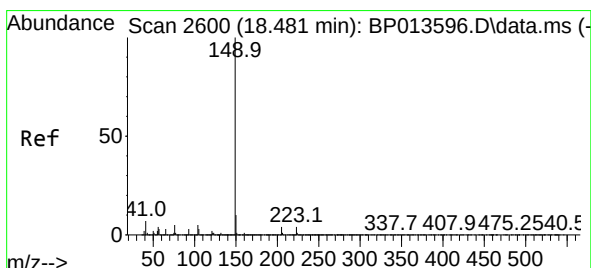
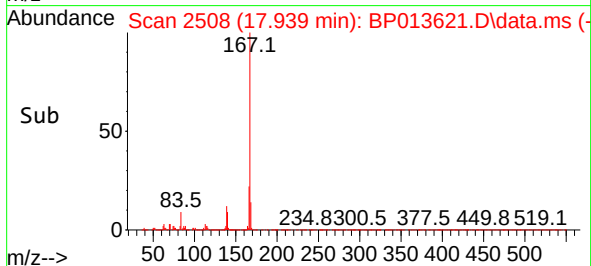
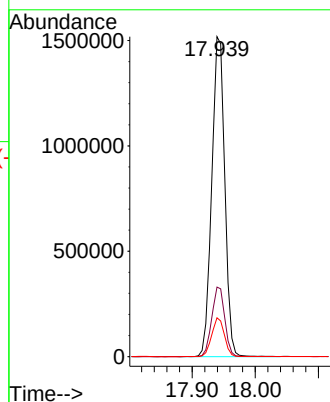
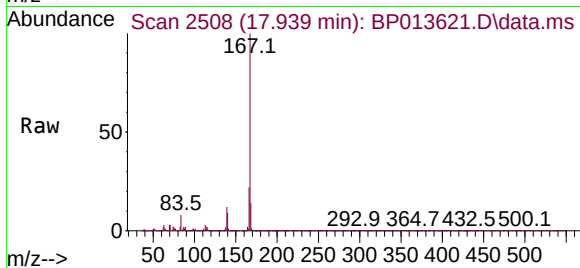
139 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#74

Di-n-butylphthalate

Concen: 45.479 ng

RT: 18.480 min Scan# 2600

Delta R.T. -0.001 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

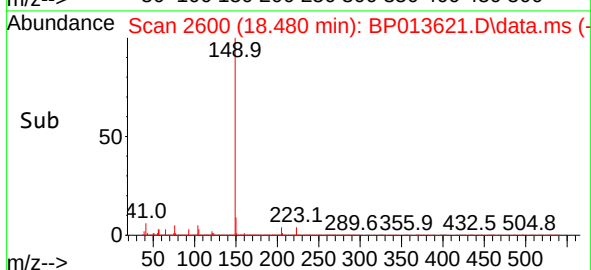
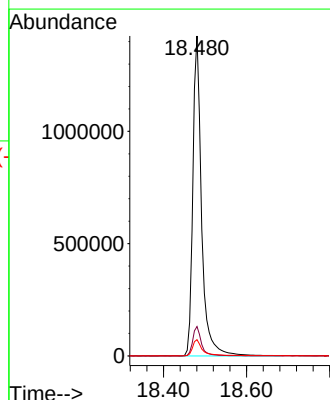
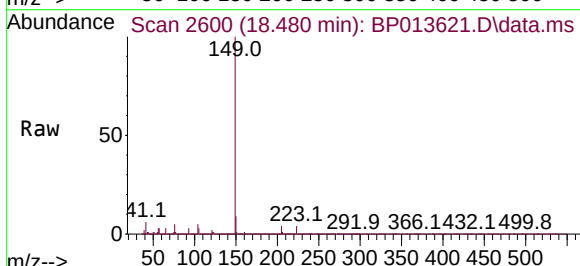
Tgt Ion:149 Resp: 2077701

Ion Ratio Lower Upper

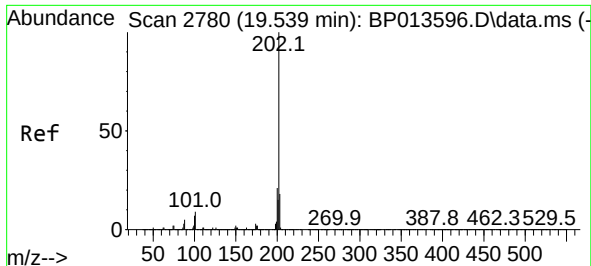
149 100

150 9.2 7.6 11.4

104 5.1 4.4 6.6

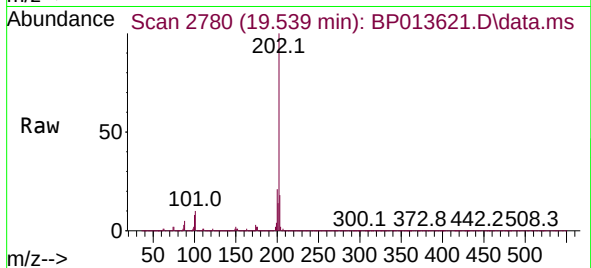






#75  
Fluoranthene  
Concen: 38.457 ng  
RT: 19.539 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

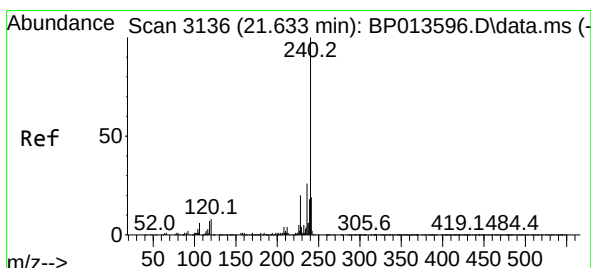
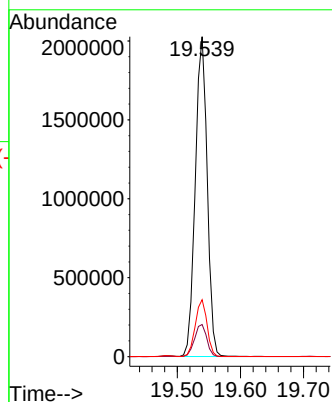
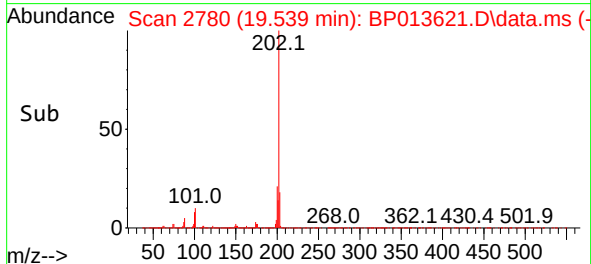
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:202 Resp: 2662568  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 28.9  
203 17.8 0.0 37.6

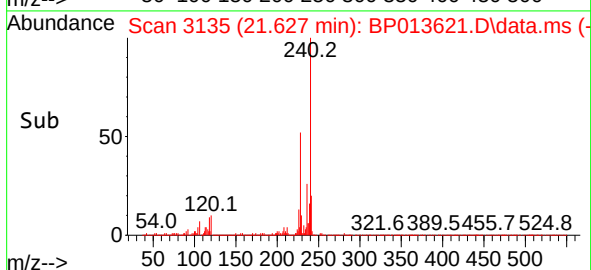
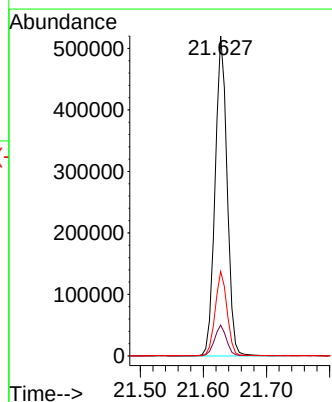
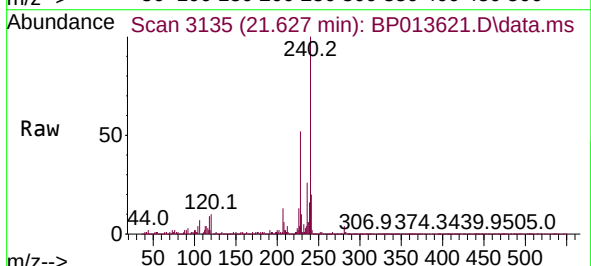
Manual Integrations  
APPROVED

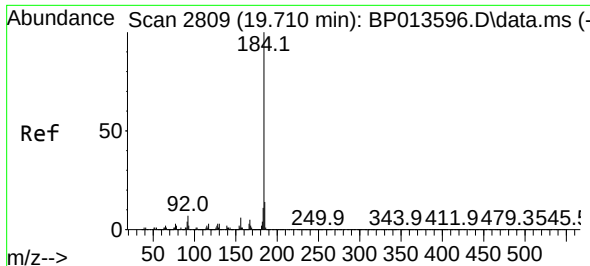
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.627 min Scan# 3135  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

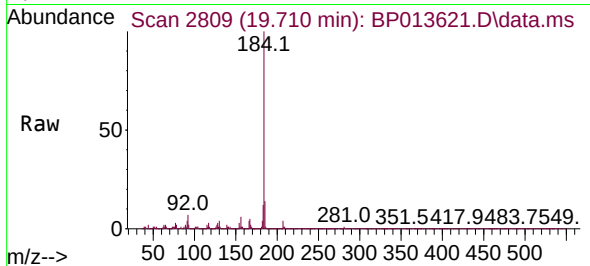
Tgt Ion:240 Resp: 689535  
Ion Ratio Lower Upper  
240 100  
120 9.6 6.7 10.1  
236 26.4 20.7 31.1





#77  
Benzidine  
Concen: 76.256 ng  
RT: 19.710 min Scan# 2809  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

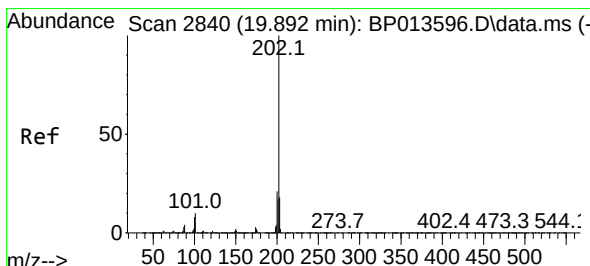
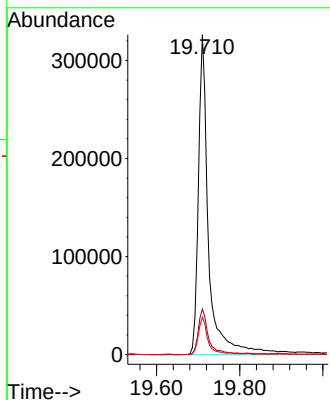
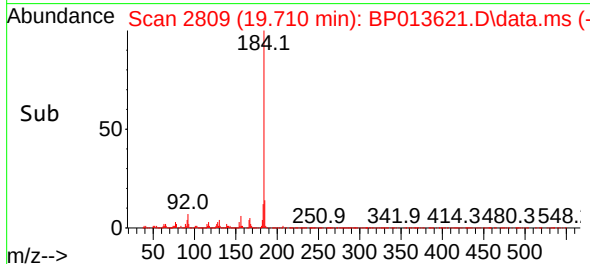
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



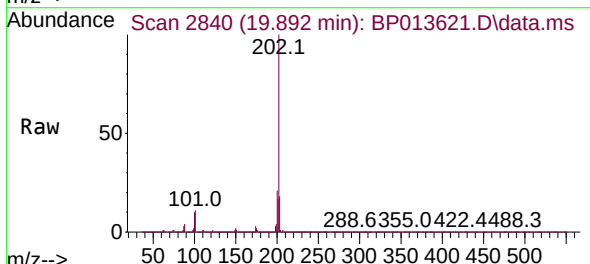
Tgt Ion:184 Resp: 551277  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.7 9.0 13.6

Manual Integrations  
APPROVED

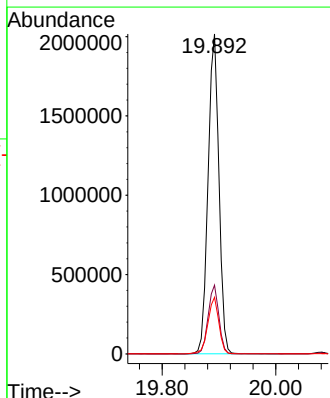
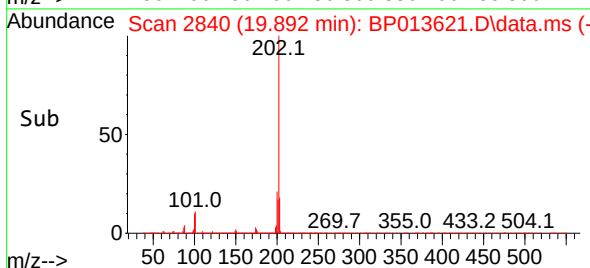
Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

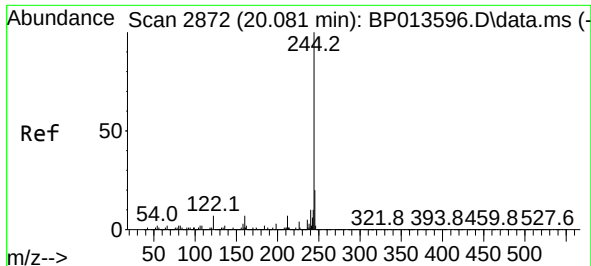


#78  
Pyrene  
Concen: 50.382 ng  
RT: 19.892 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02



Tgt Ion:202 Resp: 2688645  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.6  
203 17.7 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 105.434 ng  
 RT: 20.080 min Scan# 2872  
 Delta R.T. -0.000 min  
 Lab File: BP013621.D  
 Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

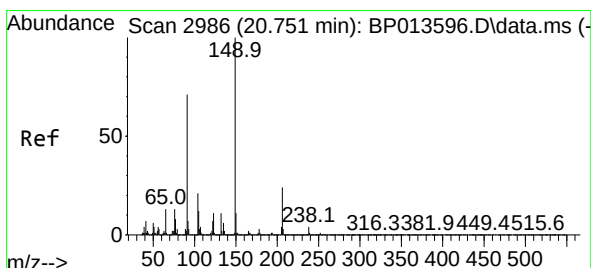
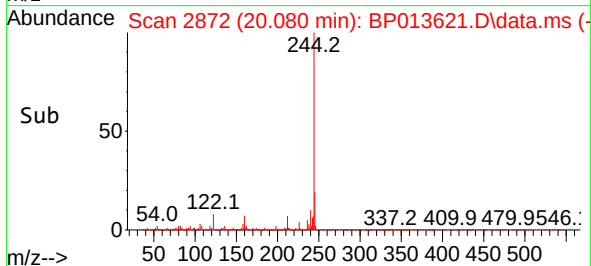
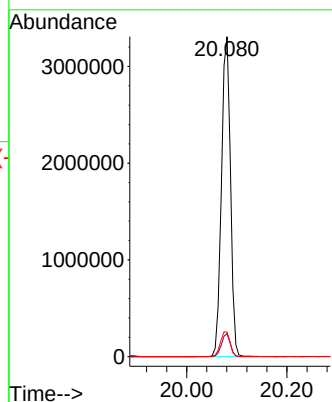
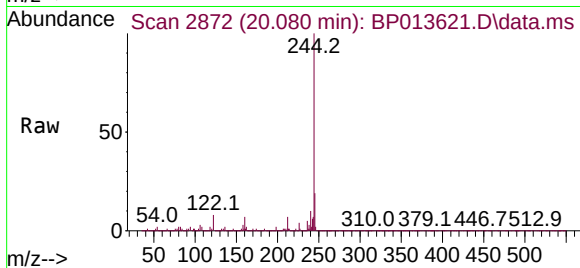
PB150378BS

Tgt Ion:244 Resp: 411984  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 7.6 5.3 7.9

Manual Integrations

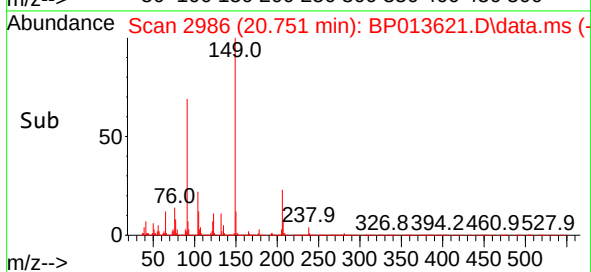
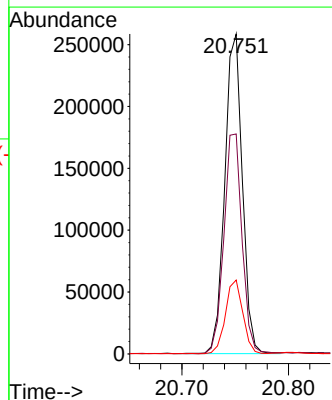
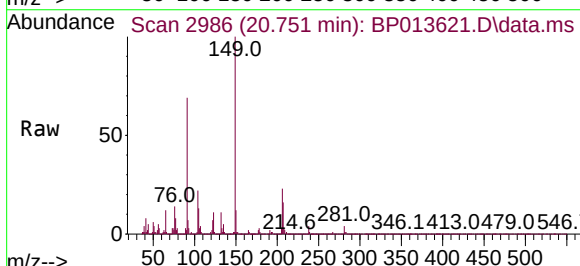
APPROVED

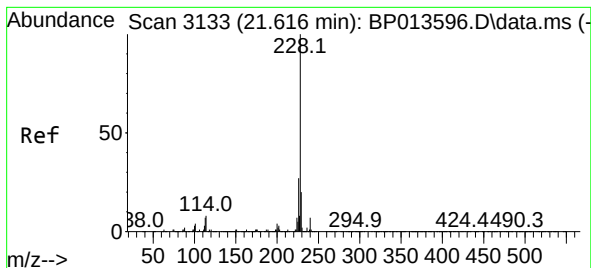
Reviewed By :Christian Giraldo 01/30/2023  
 Supervised By :Jagrut Upadhyay 01/30/2023



#80  
 Butylbenzylphthalate  
 Concen: 41.231 ng  
 RT: 20.751 min Scan# 2986  
 Delta R.T. -0.000 min  
 Lab File: BP013621.D  
 Acq: 27 Jan 2023 17:02

Tgt Ion:149 Resp: 296304  
 Ion Ratio Lower Upper  
 149 100  
 91 68.7 57.0 85.6  
 206 23.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.565 ng

RT: 21.610 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

Tgt Ion:228 Resp: 2212419

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

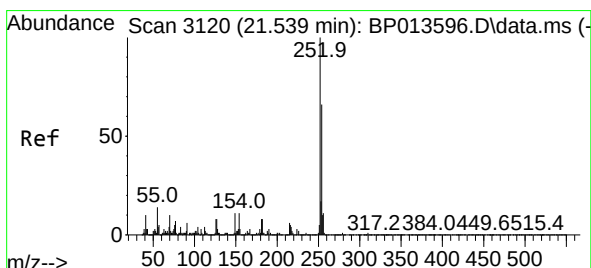
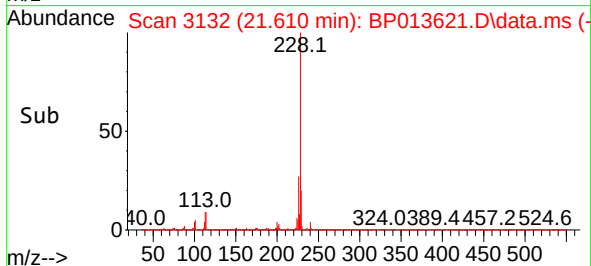
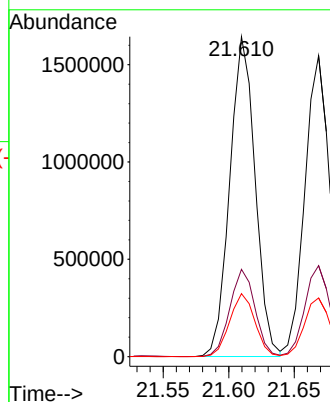
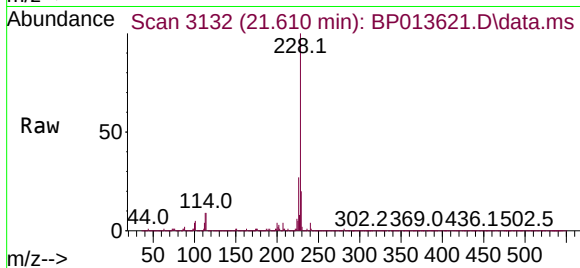
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.753 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

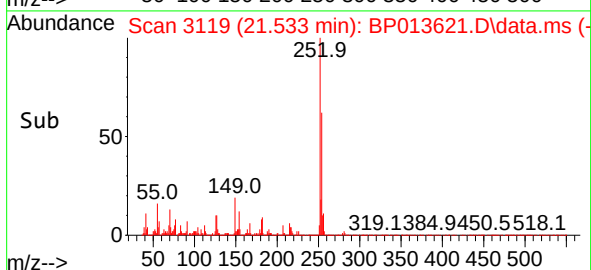
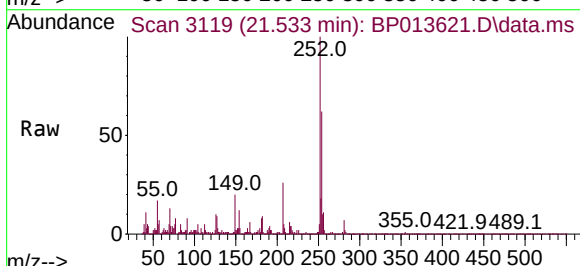
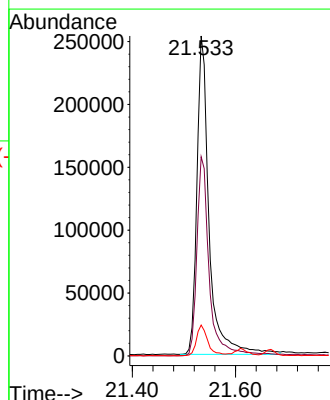
Tgt Ion:252 Resp: 415136

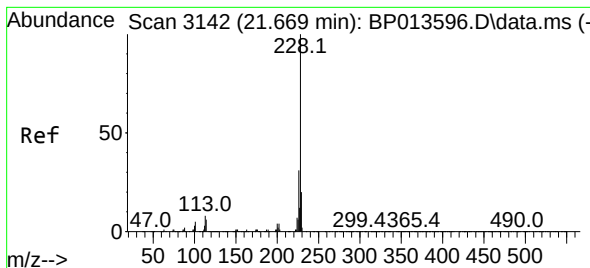
Ion Ratio Lower Upper

252 100

254 62.2 52.3 78.5

126 9.6 6.2 9.4#





#83

Chrysene

Concen: 45.177 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

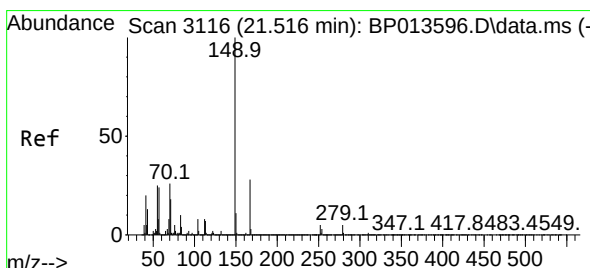
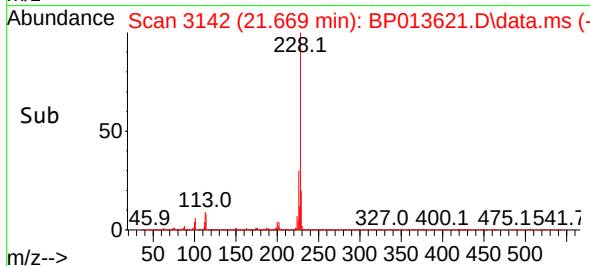
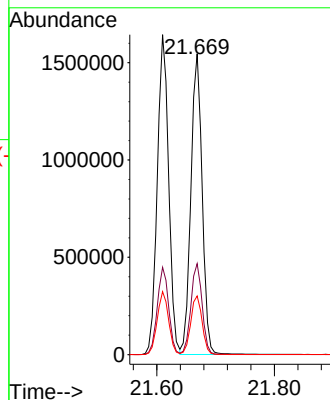
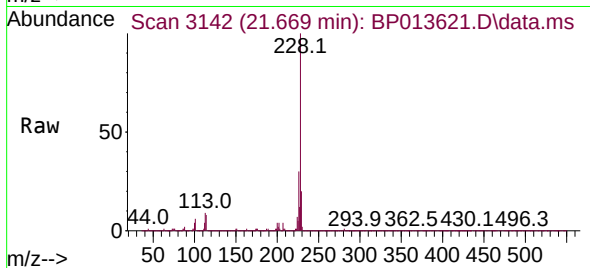
Tgt Ion:228 Resp: 2061137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.2  | 24.8  | 37.2  |
| 229 | 19.5  | 15.8  | 23.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.227 ng

RT: 21.516 min Scan# 3116

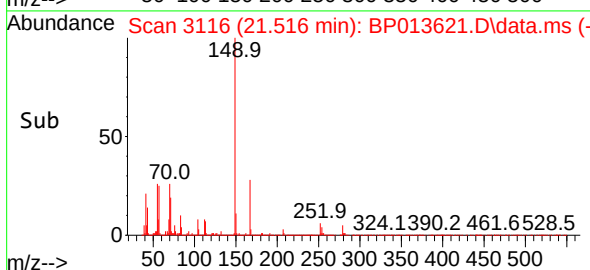
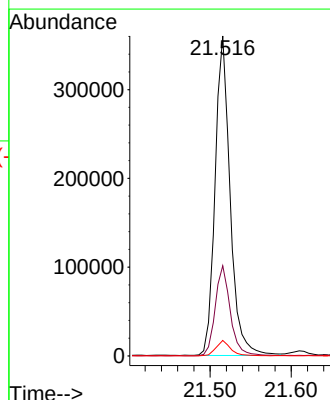
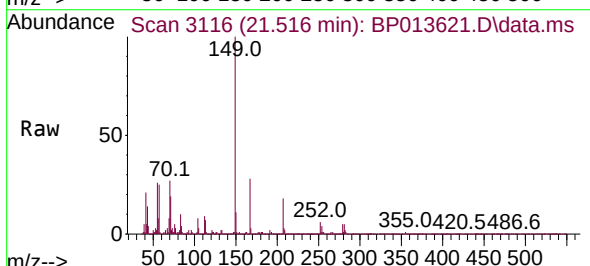
Delta R.T. -0.000 min

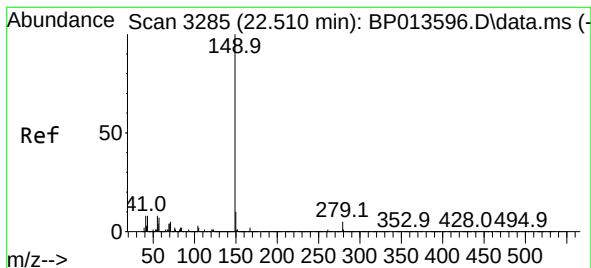
Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Tgt Ion:149 Resp: 465098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 22.2  | 33.4  |
| 279 | 4.9   | 3.8   | 5.6   |





#85

Di-n-octyl phthalate

Concen: 46.000 ng

RT: 22.504 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

Tgt Ion:149 Resp: 82636

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

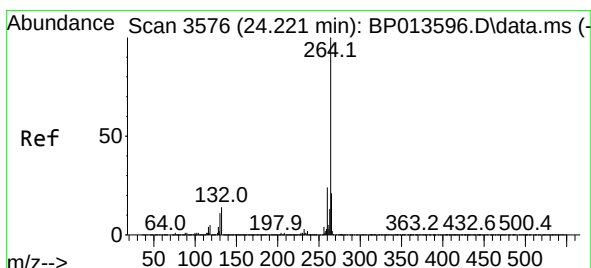
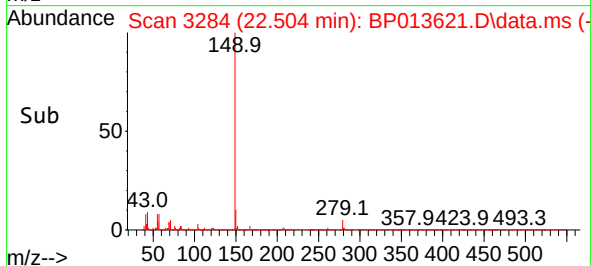
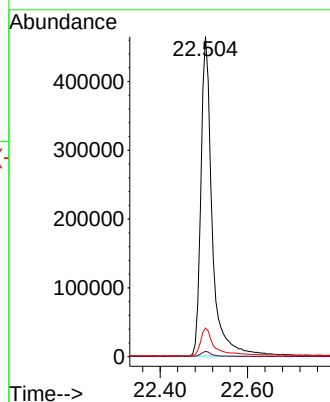
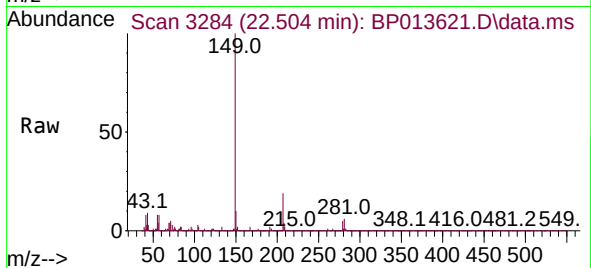
43 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

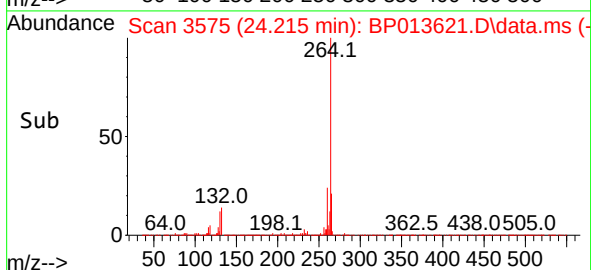
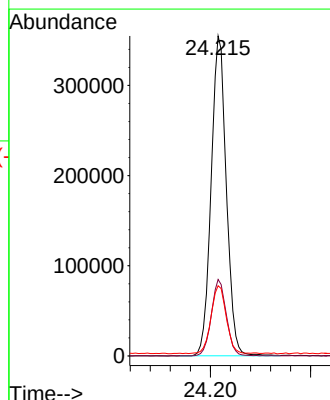
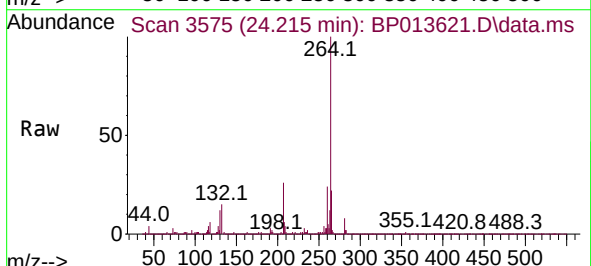
Tgt Ion:264 Resp: 745411

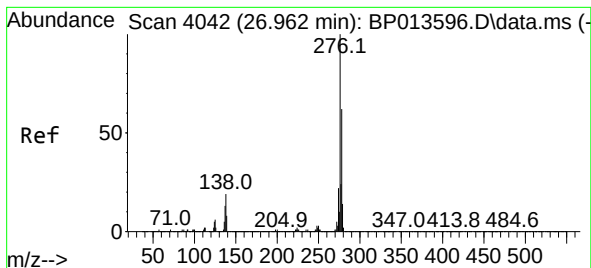
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.010 ng

RT: 26.956 min Scan# 4042

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

Tgt Ion:276 Resp: 2935183

Ion Ratio Lower Upper

276 100

138 22.5 16.4 24.6

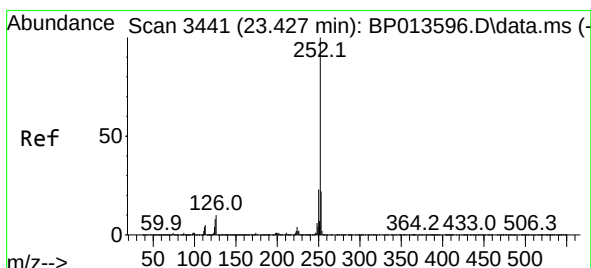
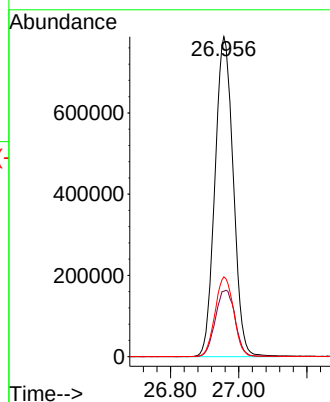
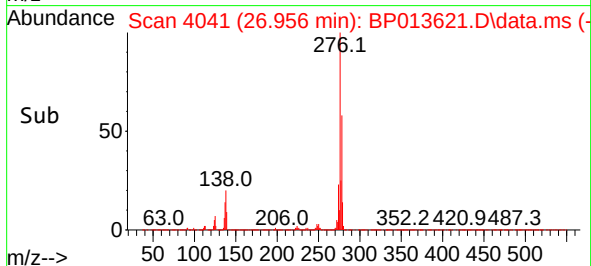
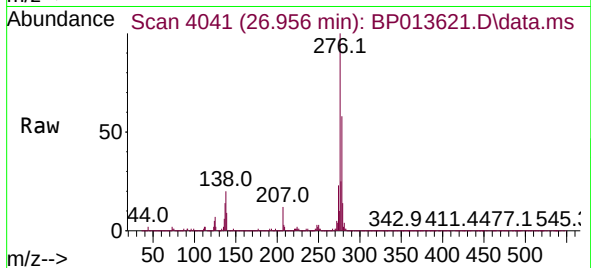
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#88

Benzo(b)fluoranthene

Concen: 45.016 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

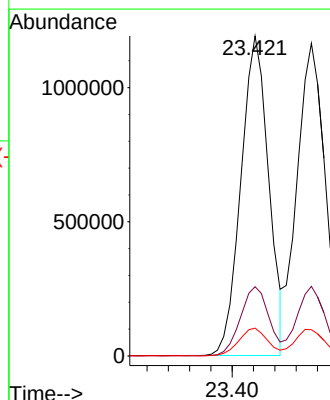
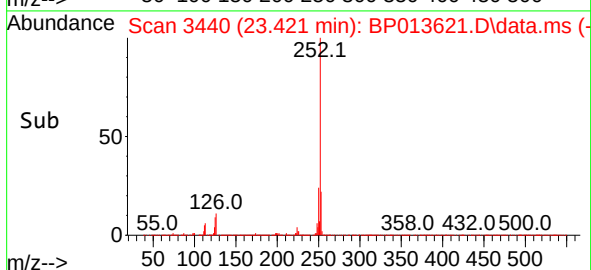
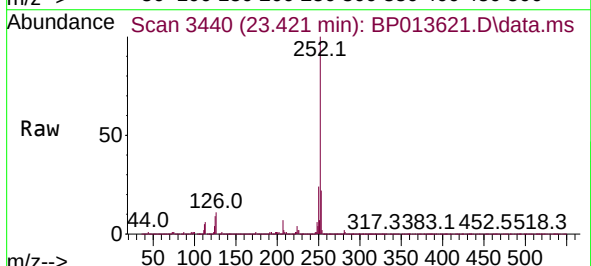
Tgt Ion:252 Resp: 2154309

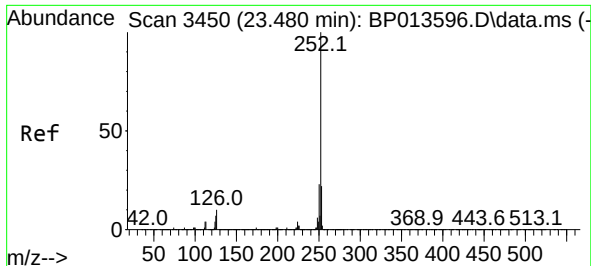
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

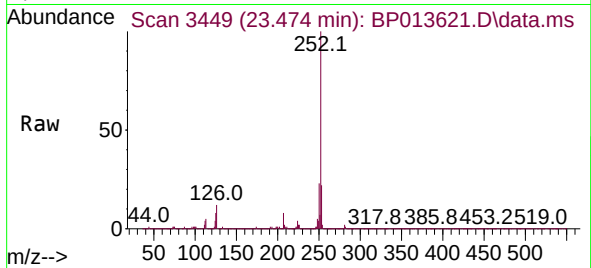
125 8.7 6.2 9.4





#89  
Benzo(k)fluoranthene  
Concen: 45.456 ng  
RT: 23.474 min Scan# 3450  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

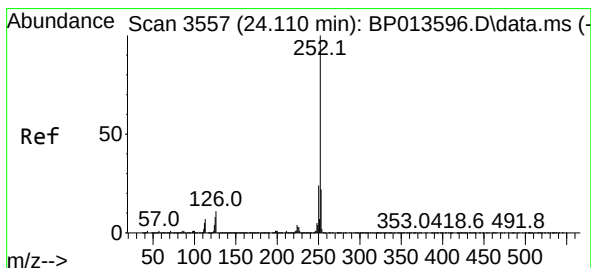
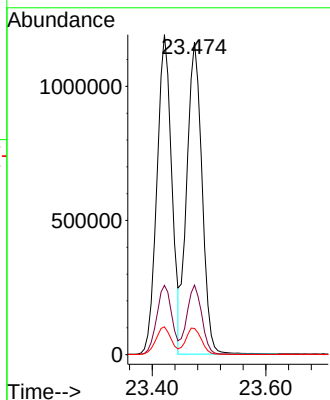
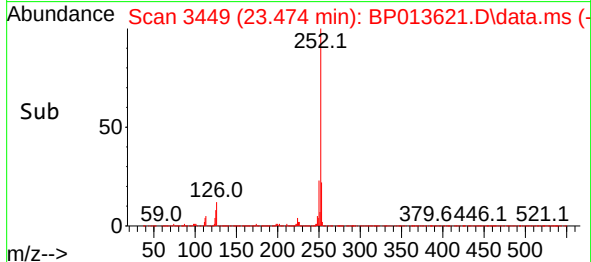
Instrument :  
BNA\_P  
ClientSampleId :  
PB150378BS



Tgt Ion:252 Resp: 215954  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 8.4 5.9 8.9

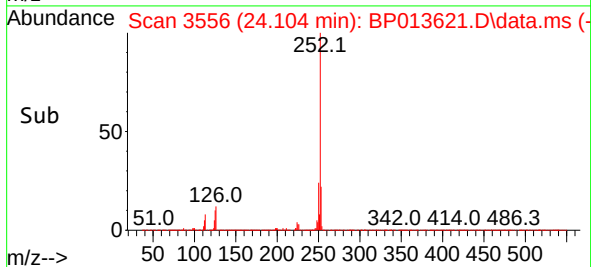
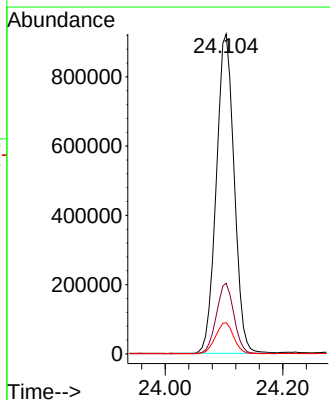
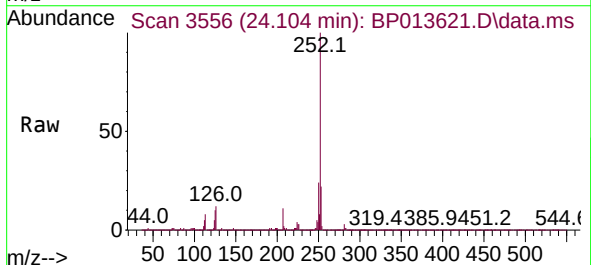
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/30/2023  
Supervised By :Jagrut Upadhyay 01/30/2023

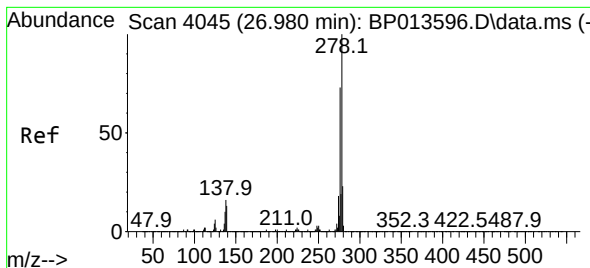


#90  
Benzo(a)pyrene  
Concen: 43.232 ng  
RT: 24.104 min Scan# 3556  
Delta R.T. -0.006 min  
Lab File: BP013621.D  
Acq: 27 Jan 2023 17:02

Tgt Ion:252 Resp: 1947298  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 9.7 6.8 10.2







#91

Dibenzo(a,h)anthracene

Concen: 56.479 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Instrument :

BNA\_P

ClientSampleId :

PB150378BS

Tgt Ion:278 Resp: 2462808

Ion Ratio Lower Upper

278 100

139 14.4 10.6 15.8

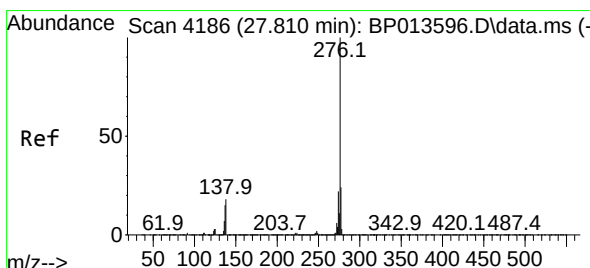
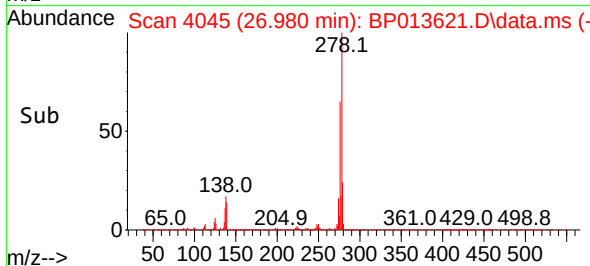
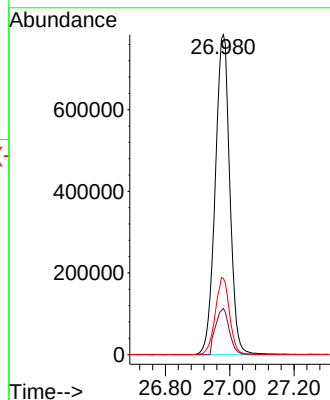
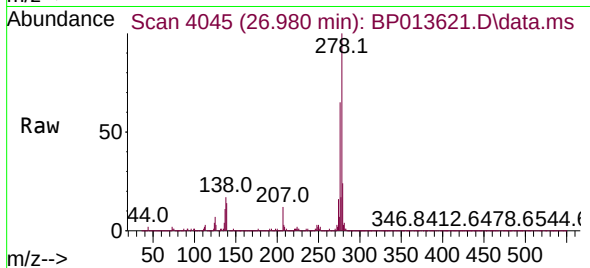
279 23.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#92

Benzo(g,h,i)perylene

Concen: 57.289 ng

RT: 27.798 min Scan# 4184

Delta R.T. -0.012 min

Lab File: BP013621.D

Acq: 27 Jan 2023 17:02

Tgt Ion:276 Resp: 2459736

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.7 14.3 21.5

