

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022323\  
 Data File : BP013881.D  
 Acq On : 23 Feb 2023 15:52  
 Operator : CG/JU  
 Sample : 01633-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WEIR-TANK-MUDMS

Quant Time: Feb 24 01:41:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 01:37:56 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/24/2023  
 Supervised By : Jagrut Upadhyay 02/24/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.099  | 152  | 105413   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.928 | 136  | 403973   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.740 | 164  | 259811   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 576743   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 629158   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.121 | 264  | 765313   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.640  | 112  | 886283   | 138.568 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.252  | 99   | 974210   | 118.929 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.275  | 82   | 816157   | 109.098 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.234 | 330  | 636119   | 168.197 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.363 | 172  | 1899492  | 96.028  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.027 | 244  | 3463700  | 105.921 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.493  | 88   | 112826   | 40.585  | ng    | # 41     |
| 3) Pyridine                   | 3.917  | 79   | 279905   | 37.349  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.811  | 42   | 143555   | 51.114  | ng    | 89       |
| 6) Aniline                    | 7.422  | 93   | 239009   | 22.456  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.663  | 128  | 351089   | 52.040  | ng    | 98       |
| 9) Benzaldehyde               | 7.234  | 77   | 146512   | 37.594  | ng    | 95       |
| 10) Phenol                    | 7.281  | 94   | 354022   | 41.521  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.516  | 93   | 349398   | 51.204  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.987  | 146  | 369849   | 48.755  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.140  | 146  | 387975   | 50.631  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.457  | 146  | 374542   | 52.361  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.346  | 79   | 348295m  | 60.603  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.628  | 45   | 373627m  | 51.260  | ng    |          |
| 17) 2-Methylphenol            | 8.546  | 107  | 300061   | 51.715  | ng    | 96       |
| 18) Hexachloroethane          | 9.193  | 117  | 138014   | 51.418  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.910  | 70   | 277571   | 57.896  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.875  | 107  | 404602   | 51.810  | ng    | 97       |
| 22) Acetophenone              | 8.934  | 105  | 562208   | 55.176  | ng    | # 99     |
| 24) Nitrobenzene              | 9.316  | 77   | 416264   | 53.321  | ng    | 100      |
| 25) Isophorone                | 9.846  | 82   | 779554   | 54.074  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.034 | 139  | 201060   | 54.271  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.087 | 122  | 332880   | 55.213  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.328 | 93   | 466244   | 50.663  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.569 | 162  | 365928   | 56.570  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.787 | 180  | 392527   | 51.712  | ng    | 99       |
| 31) Naphthalene               | 10.981 | 128  | 1083624  | 48.926  | ng    | 98       |
| 32) Benzoic acid              | 10.216 | 122  | 249361   | 51.982  | ng    | 95       |
| 33) 4-Chloroaniline           | 11.093 | 127  | 86054    | 9.253   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.257 | 225  | 261024   | 51.747  | ng    | 99       |
| 35) Caprolactam               | 11.881 | 113  | 96584    | 46.767  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.198 | 107  | 397613   | 55.164  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.575 | 142  | 771618   | 48.128  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.793 | 142  | 720444   | 48.014  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.940 | 216  | 481515   | 51.390  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.916 | 237  | 601725   | 120.901 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.175 | 196  | 319279   | 54.471  | ng    | 97       |

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 ClientSampleId :  
 WEIR-TANK-MUDMS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/24/2023  
 Supervised By : Jagrut Upadhyay 02/24/2023

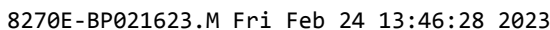
Quant Time: Feb 24 01:41:09 2023  
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 QLast Update : Fri Feb 24 01:37:56 2023  
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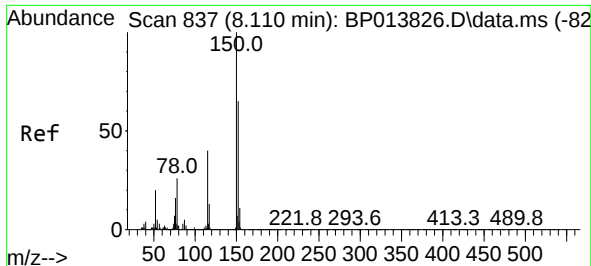
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.245 | 196  | 347526   | 49.885  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.575 | 154  | 1045695  | 49.797  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.622 | 162  | 816303   | 51.024  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.822 | 65   | 241585   | 52.818  | ng    | 99       |
| 49) Acenaphthylene            | 14.463 | 152  | 1293842  | 51.304  | ng    | 99       |
| 50) Dimethylphthalate         | 14.192 | 163  | 1083222  | 51.236  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.310 | 165  | 235782   | 50.887  | ng    | 98       |
| 52) Acenaphthene              | 14.804 | 154  | 770055   | 50.179  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.645 | 138  | 186794   | 39.220  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.845 | 184  | 307530   | 99.803  | ng    | 96       |
| 55) Dibenzofuran              | 15.140 | 168  | 1271545  | 49.797  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.945 | 139  | 376899   | 99.733  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.098 | 165  | 324736   | 52.007  | ng    | 98       |
| 58) Fluorene                  | 15.787 | 166  | 991373   | 49.516  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.363 | 232  | 330358   | 55.084  | ng    | 99       |
| 60) Diethylphthalate          | 15.551 | 149  | 1044120  | 50.647  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.775 | 204  | 539292   | 49.713  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.804 | 138  | 217591   | 44.190  | ng    | 90       |
| 63) Azobenzene                | 16.069 | 77   | 932529   | 49.997  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 198  | 191561   | 47.183  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.992 | 169  | 868764   | 49.731  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.675 | 248  | 356308   | 52.341  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.792 | 284  | 410044   | 55.181  | ng    | 99       |
| 69) Atrazine                  | 16.939 | 200  | 344766   | 57.884  | ng    | 99       |
| 70) Pentachlorophenol         | 17.139 | 266  | 555088   | 101.320 | ng    | 99       |
| 71) Phenanthrene              | 17.539 | 178  | 1639343  | 50.738  | ng    | 100      |
| 72) Anthracene                | 17.628 | 178  | 1660012  | 51.382  | ng    | 100      |
| 73) Carbazole                 | 17.892 | 167  | 1505177  | 51.751  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.422 | 149  | 1865891  | 54.755  | ng    | 99       |
| 75) Fluoranthene              | 19.486 | 202  | 2051980  | 50.945  | ng    | 99       |
| 77) Benzidine                 | 19.663 | 184  | 347478   | 28.023  | ng    | 99       |
| 78) Pyrene                    | 19.839 | 202  | 2157690  | 50.185  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.692 | 149  | 825902   | 54.047  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.551 | 228  | 2302213  | 51.100  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.474 | 252  | 732589   | 51.684  | ng    | 99       |
| 83) Chrysene                  | 21.610 | 228  | 2157039  | 49.422  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.451 | 149  | 1321098  | 55.451  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.421 | 149  | 2353178  | 55.430  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.815 | 276  | 3179712  | 53.409  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.339 | 252  | 2589062  | 53.491  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.386 | 252  | 2489761  | 50.675  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.010 | 252  | 2302639  | 49.208  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.833 | 278  | 2654295  | 53.213  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.645 | 276  | 2615493  | 53.028  | ng    | 97       |

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

## Manual Integrations

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QLast Update : Fri Feb 24 01:37:56 2023  
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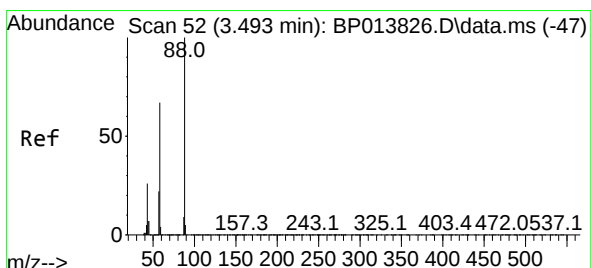
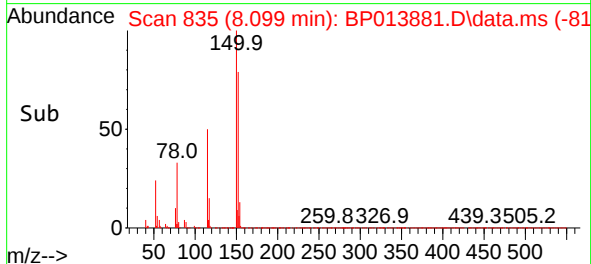
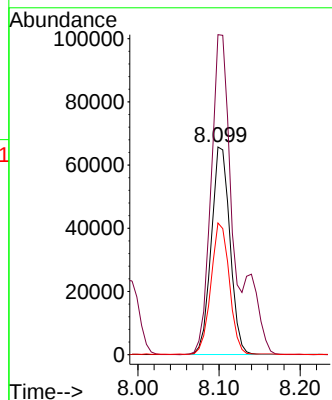
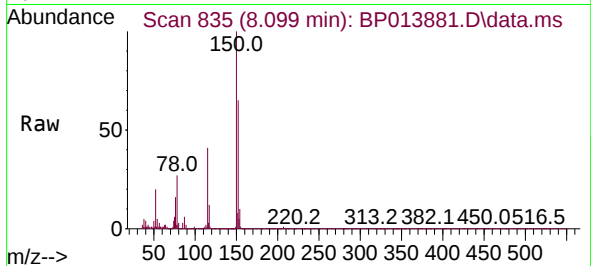
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.099 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:152 Resp: 105413  
Ion Ratio Lower Upper  
152 100  
150 154.2 122.8 184.2  
115 63.4 49.0 73.6

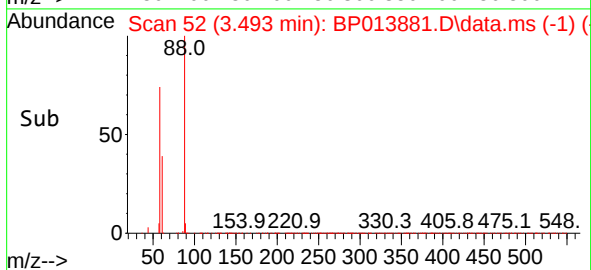
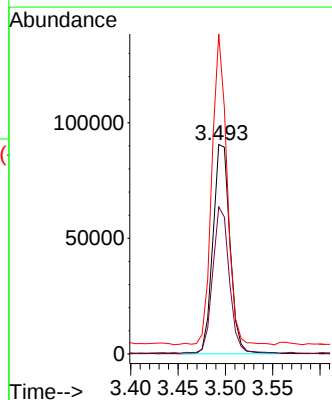
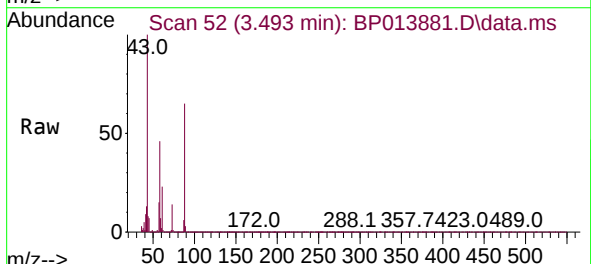
Manual Integrations  
APPROVED

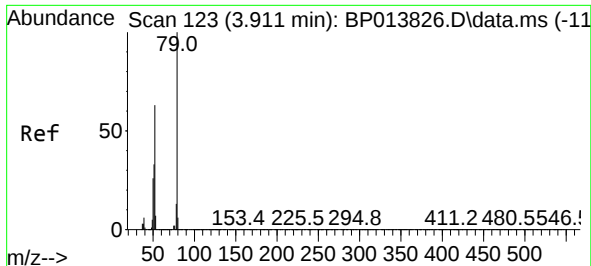
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#2  
1,4-Dioxane  
Concen: 40.585 ng  
RT: 3.493 min Scan# 52  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

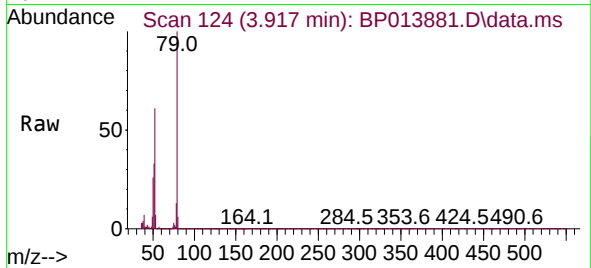
Tgt Ion: 88 Resp: 112826  
Ion Ratio Lower Upper  
88 100  
58 68.0 53.5 80.3  
43 132.5 20.6 30.8





#3  
Pyridine  
Concen: 37.349 ng  
RT: 3.917 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

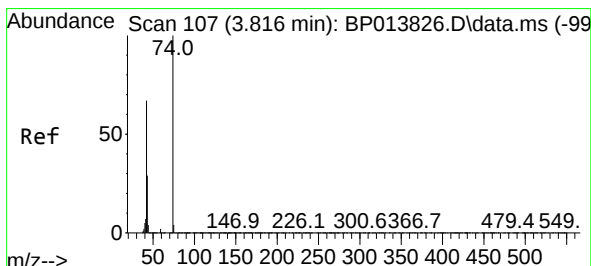
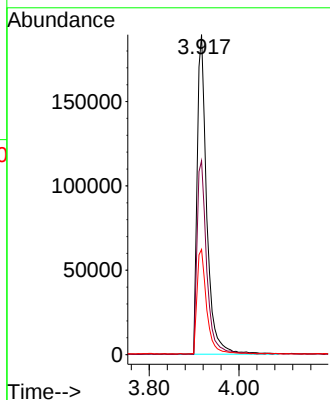
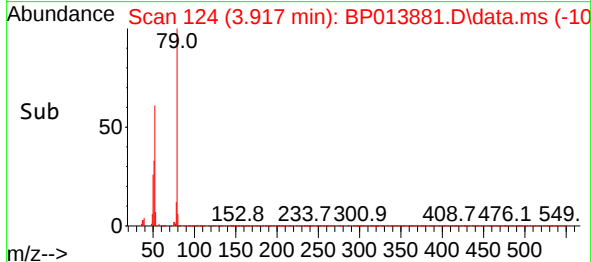
Instrument :  
BNA\_P  
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WEIR-TANK-MUDMS



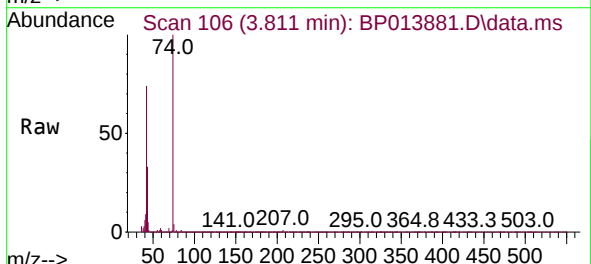
Tgt Ion: 79 Resp: 279905  
Ion Ratio Lower Upper  
79 100  
52 60.6 50.0 75.0  
51 32.9 26.7 40.1

Manual Integrations  
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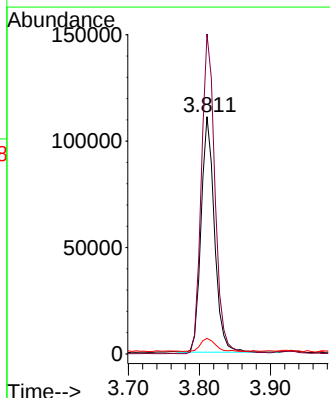
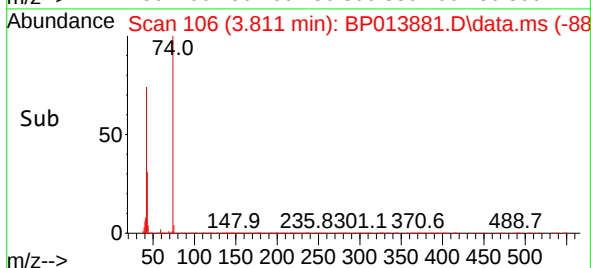
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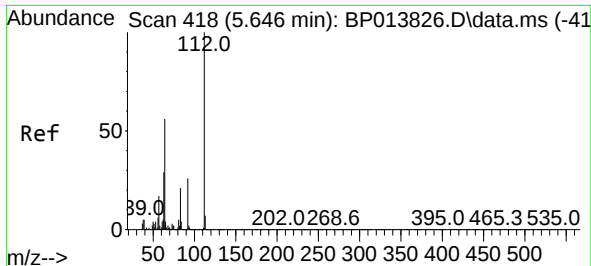


#4  
n-Nitrosodimethylamine  
Concen: 51.114 ng  
RT: 3.811 min Scan# 106  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52



Tgt Ion: 42 Resp: 143555  
Ion Ratio Lower Upper  
42 100  
74 134.9 119.3 178.9  
44 6.5 6.0 9.0





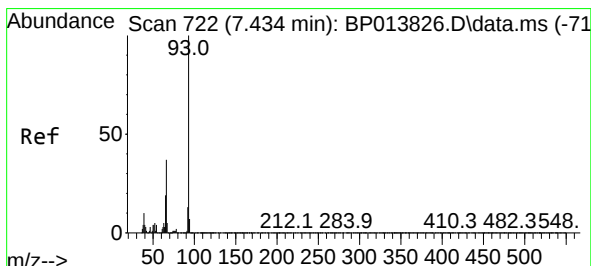
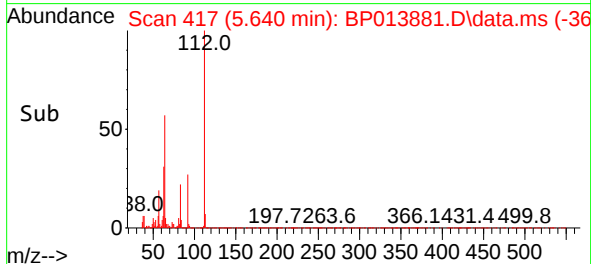
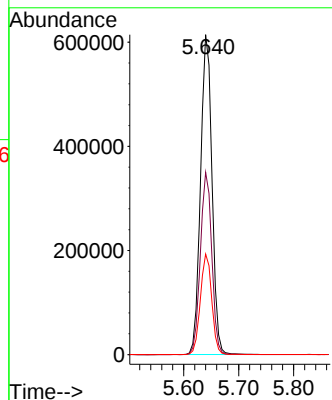
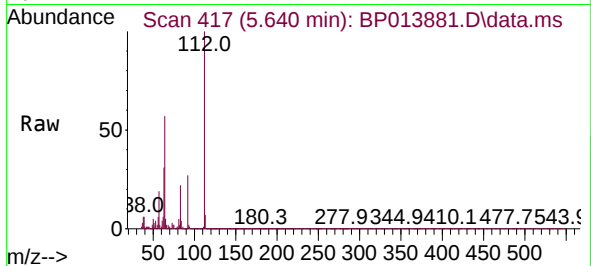
#5  
2-Fluorophenol  
Concen: 138.568 ng  
RT: 5.640 min Scan# 418  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
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WEIR-TANK-MUDMS

Tgt Ion:112 Resp: 886283  
Ion Ratio Lower Upper  
112 100  
64 57.0 44.6 66.8  
63 31.4 23.6 35.4

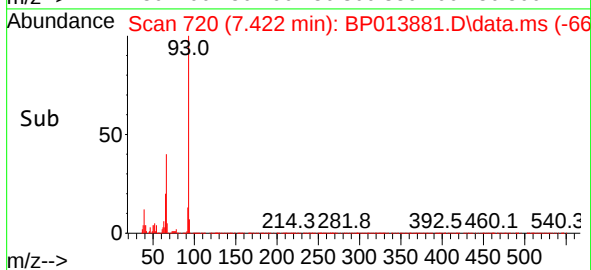
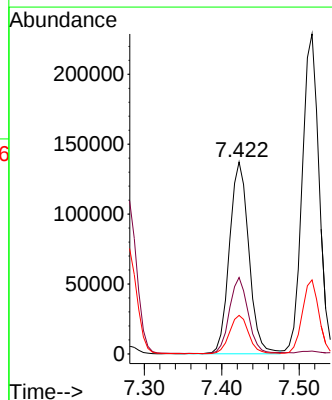
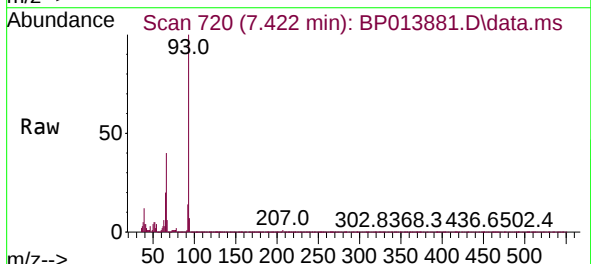
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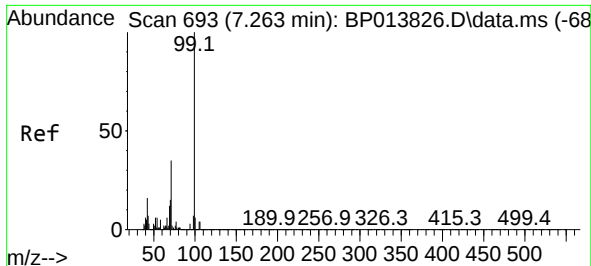
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#6  
Aniline  
Concen: 22.456 ng  
RT: 7.422 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion: 93 Resp: 239009  
Ion Ratio Lower Upper  
93 100  
66 39.8 29.6 44.4  
65 20.0 15.4 23.0





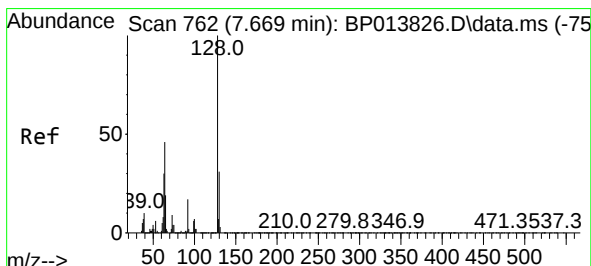
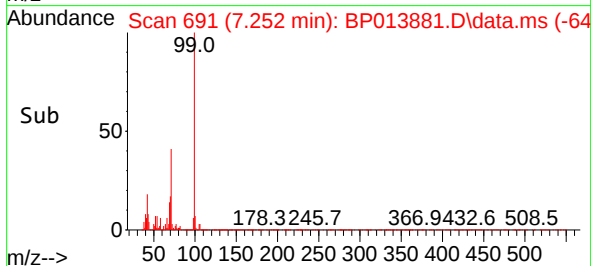
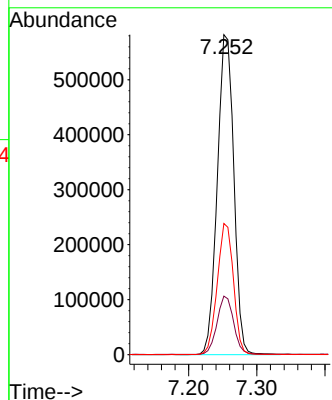
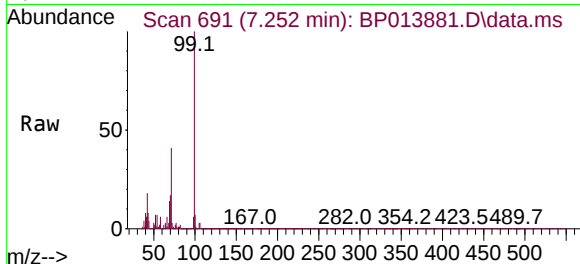
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Phenol-d6  
Concen: 118.929 ng  
RT: 7.252 min Scan# 691  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion: 99 Resp: 974210  
Ion Ratio Lower Upper  
99 100  
42 18.3 12.5 18.7  
71 41.0 27.8 41.8

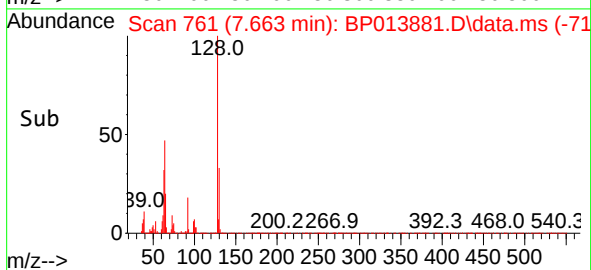
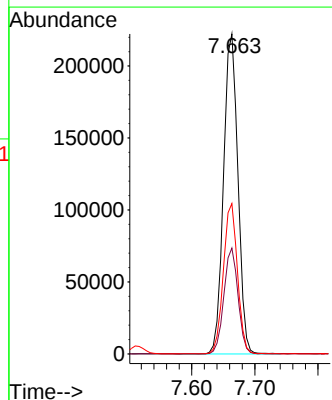
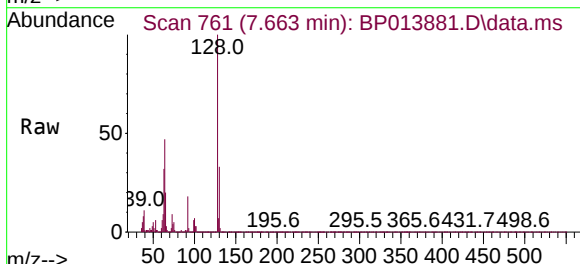
Manual Integrations  
APPROVED

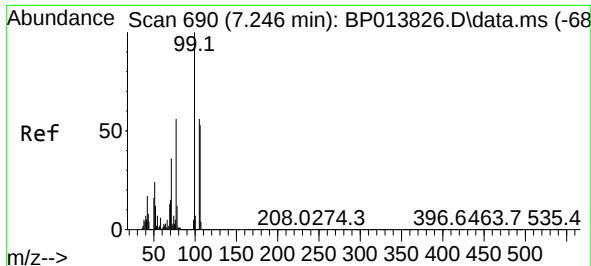
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#8  
2-Chlorophenol  
Concen: 52.040 ng  
RT: 7.663 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:128 Resp: 351089  
Ion Ratio Lower Upper  
128 100  
130 33.1 11.4 51.4  
64 47.0 25.9 65.9





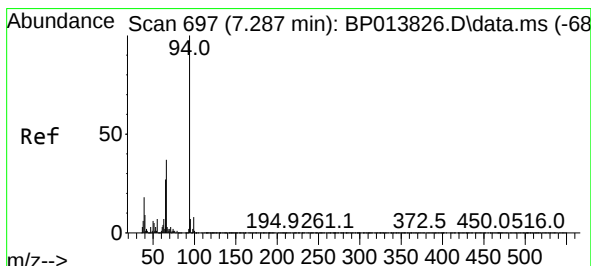
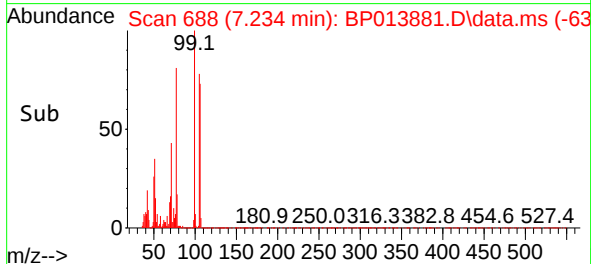
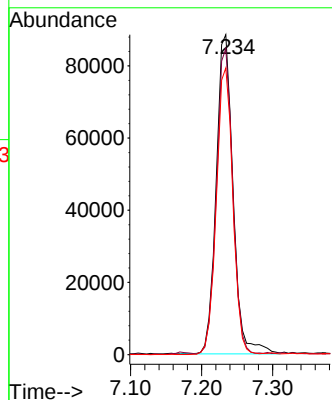
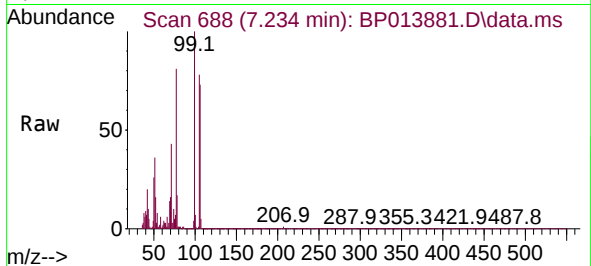
#9  
Benzaldehyde  
Concen: 37.594 ng  
RT: 7.234 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
Client Sample Id :  
WEIR-TANK-MUDMS

Tgt Ion: 77 Resp: 146512  
Ion Ratio Lower Upper  
77 100  
105 95.6 80.2 120.2  
106 89.6 74.8 114.8

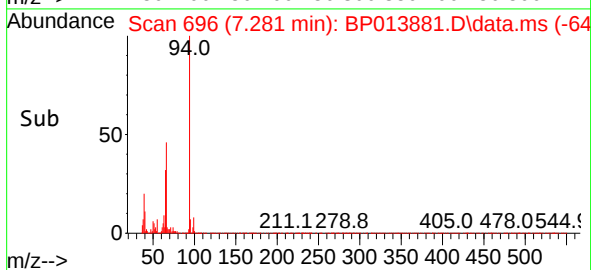
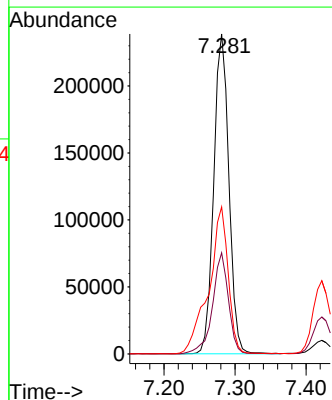
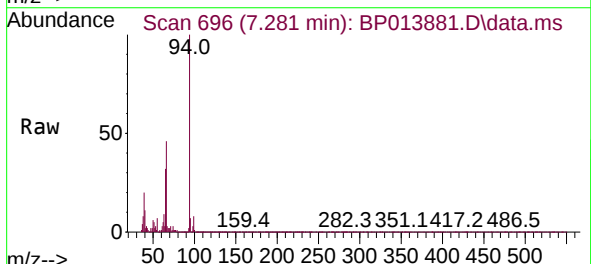
Manual Integrations  
APPROVED

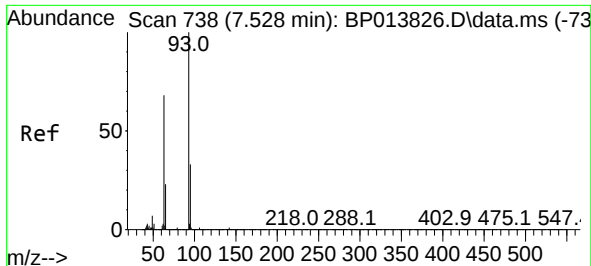
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#10  
Phenol  
Concen: 41.521 ng  
RT: 7.281 min Scan# 696  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion: 94 Resp: 354022  
Ion Ratio Lower Upper  
94 100  
65 31.6 6.8 46.8  
66 45.9 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 51.204 ng

RT: 7.516 min Scan# 738

Delta R.T. -0.000 min

Lab File: BP013881.D

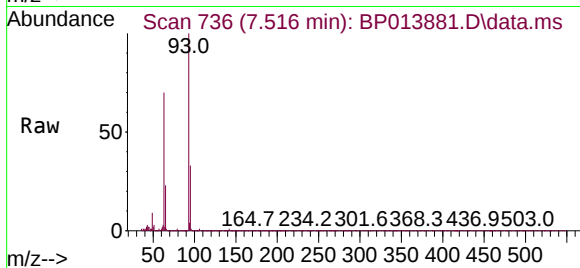
Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

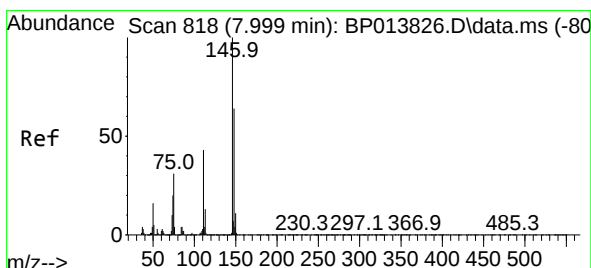
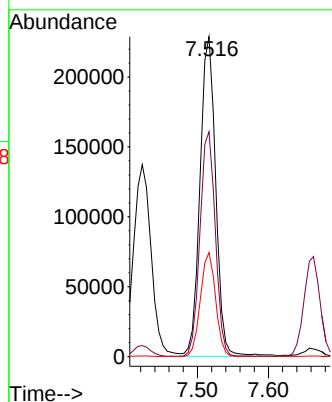
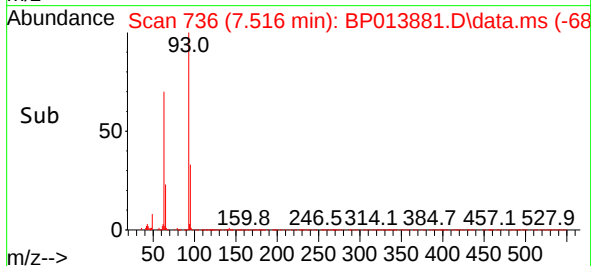
WEIR-TANK-MUDMS



| Tgt Ion:  | 93   | Resp: | 349398 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 93        | 100  |       |        |
| 63        | 70.3 | 48.1  | 88.1   |
| 95        | 32.5 | 12.6  | 52.6   |

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#12

1,3-Dichlorobenzene

Concen: 48.755 ng

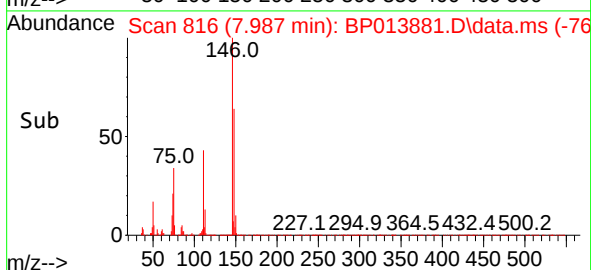
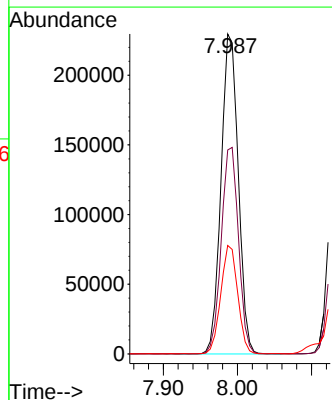
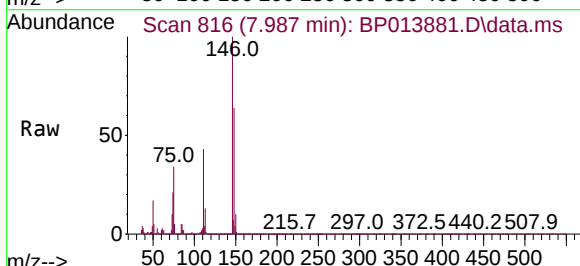
RT: 7.987 min Scan# 816

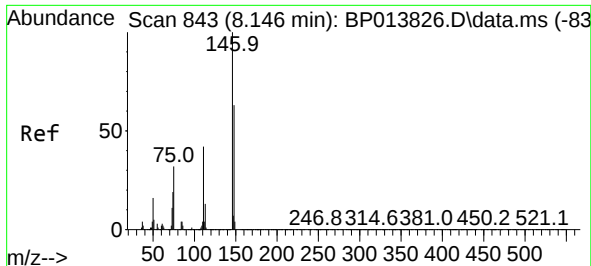
Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

| Tgt Ion:  | 146  | Resp: | 369849 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 63.7 | 51.4  | 77.2   |
| 75        | 33.9 | 25.0  | 37.4   |





#13

1,4-Dichlorobenzene

Concen: 50.631 ng

RT: 8.140 min Scan# 843

Delta R.T. 0.006 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:146 Resp: 387975

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

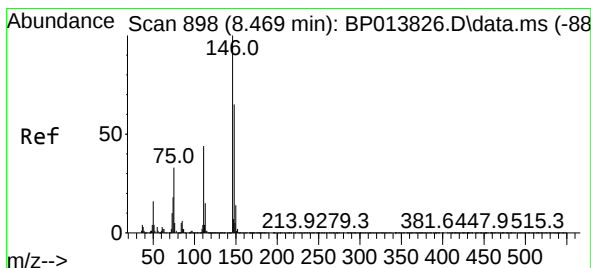
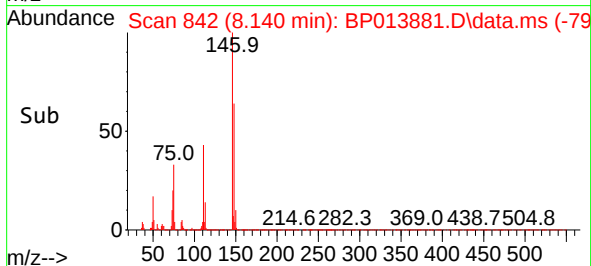
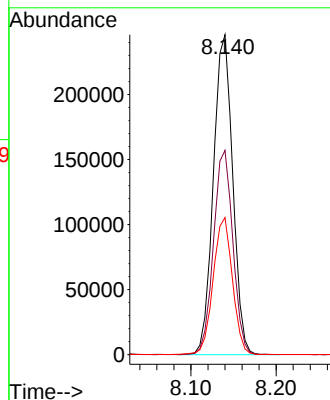
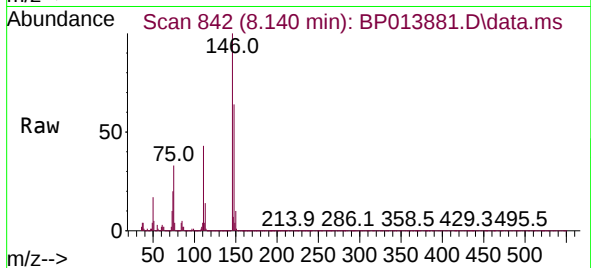
111 42.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#14

1,2-Dichlorobenzene

Concen: 52.361 ng

RT: 8.457 min Scan# 896

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

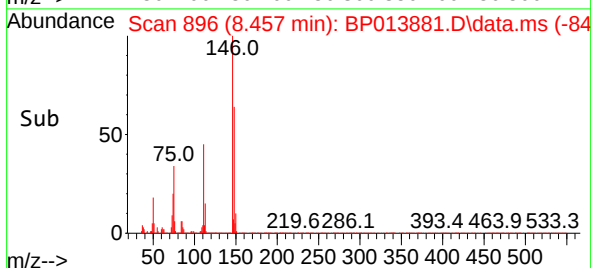
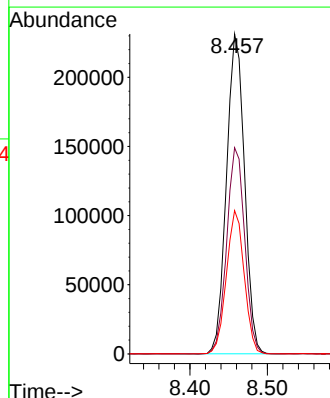
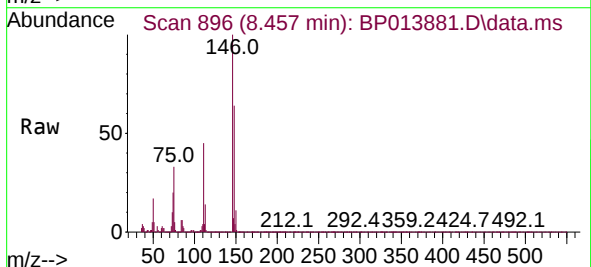
Tgt Ion:146 Resp: 374542

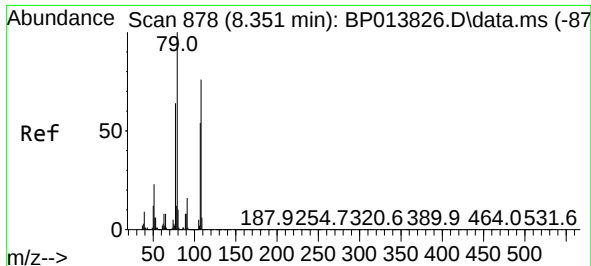
Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

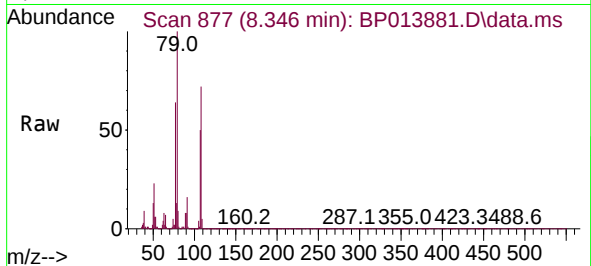
111 44.8 34.9 52.3





#15  
Benzyl Alcohol  
Concen: 60.603 ng m  
RT: 8.346 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

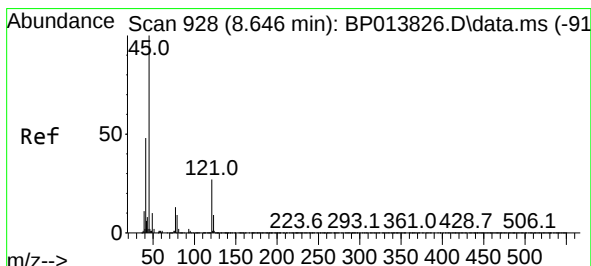
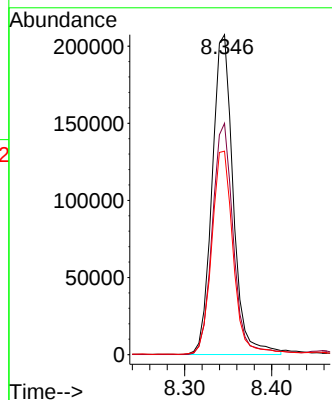
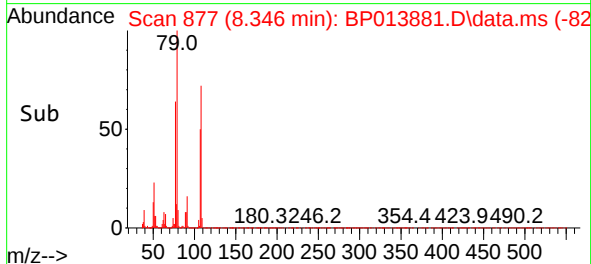
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion: 79 Resp: 348295  
Ion Ratio Lower Upper  
79 100  
108 72.3 60.7 91.1  
77 63.6 51.4 77.0

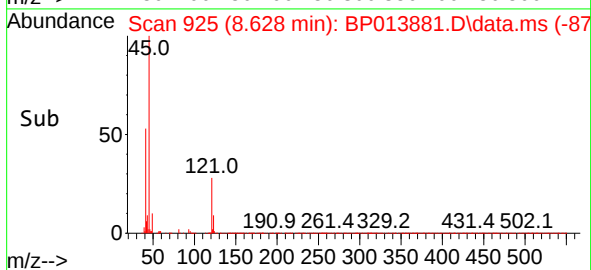
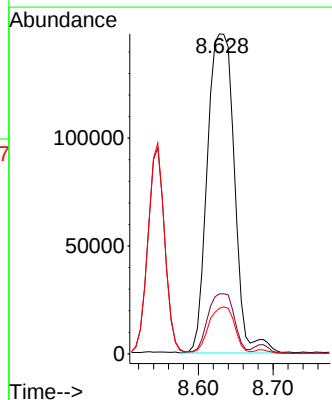
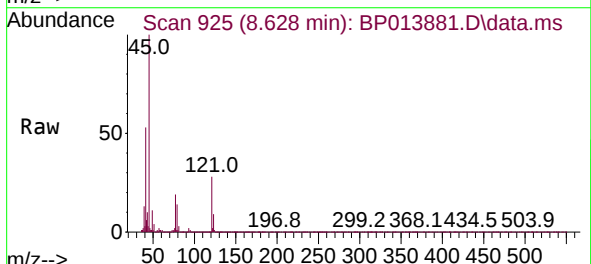
Manual Integrations  
APPROVED

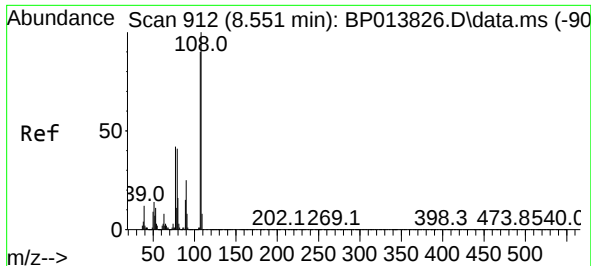
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.260 ng m  
RT: 8.628 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

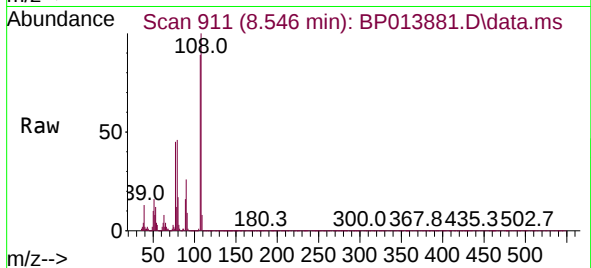
Tgt Ion: 45 Resp: 373627  
Ion Ratio Lower Upper  
45 100  
77 18.7 0.0 37.5  
79 14.2 0.0 33.8





#17  
2-Methylphenol  
Concen: 51.715 ng  
RT: 8.546 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

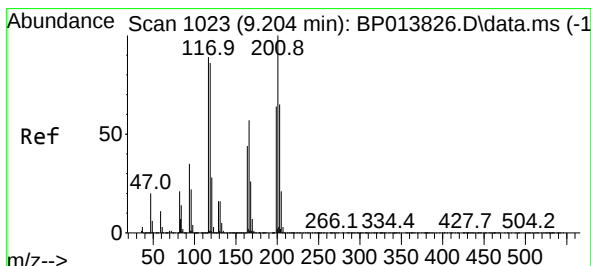
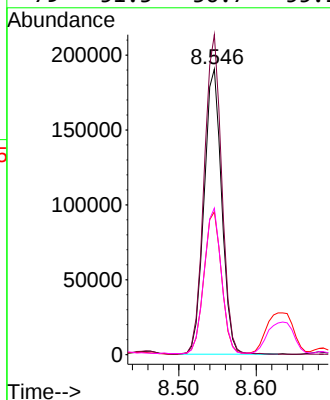
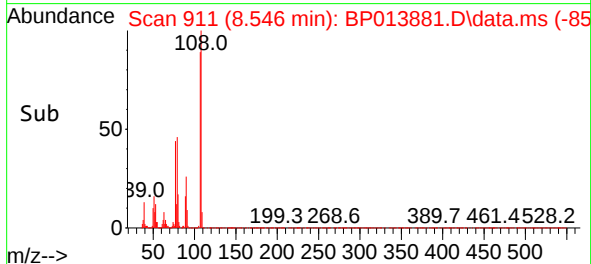
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.0 | 88.9  | 133.3 |
| 77      | 50.0  | 37.1  | 55.7  |
| 79      | 51.3  | 36.7  | 55.1  |

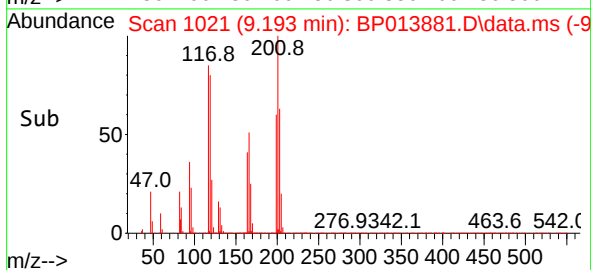
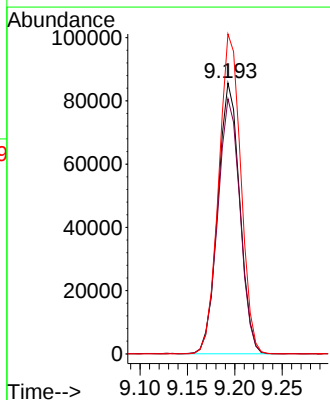
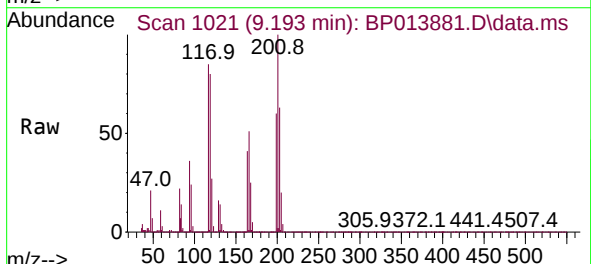
Manual Integrations  
APPROVED

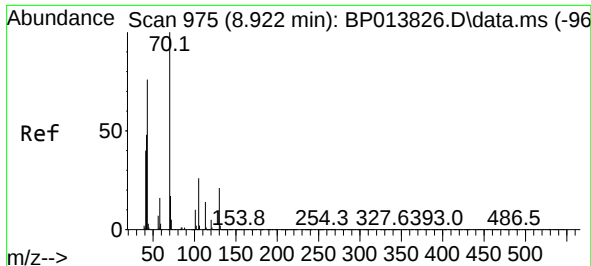
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#18  
Hexachloroethane  
Concen: 51.418 ng  
RT: 9.193 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.1  | 77.2  | 115.8 |
| 201     | 118.1 | 89.4  | 134.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 57.896 ng

RT: 8.910 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion: 70 Resp: 27757

Ion Ratio Lower Upper

70 100

42 50.3 39.0 58.4

101 10.2 8.0 12.0

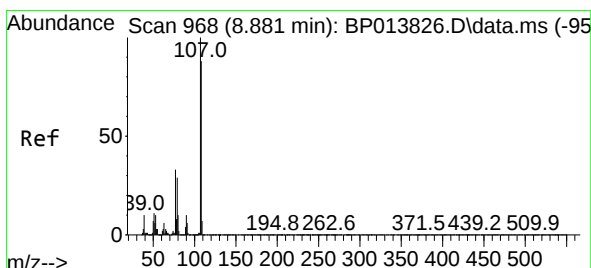
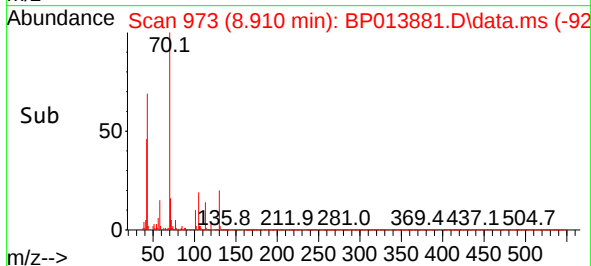
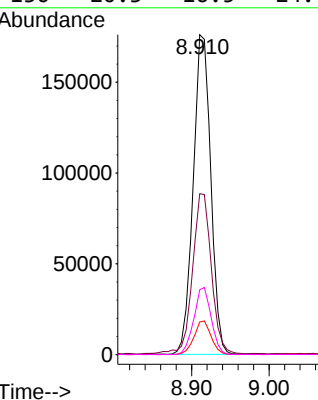
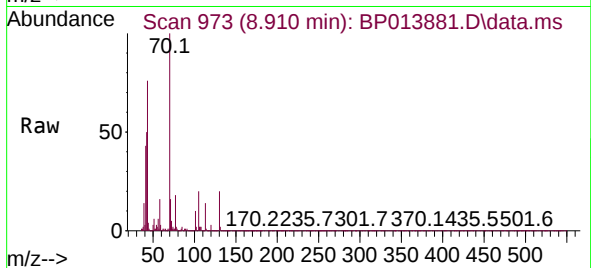
130 20.3 16.5 24.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#20

3+4-Methylphenols

Concen: 51.810 ng

RT: 8.875 min Scan# 967

Delta R.T. 0.006 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Tgt Ion:107 Resp: 404602

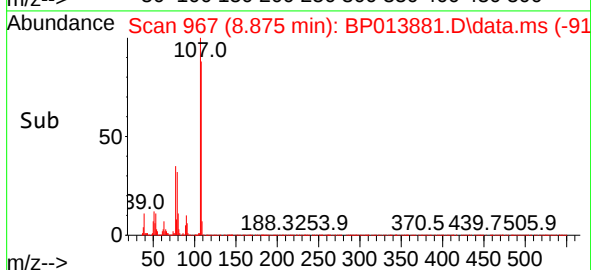
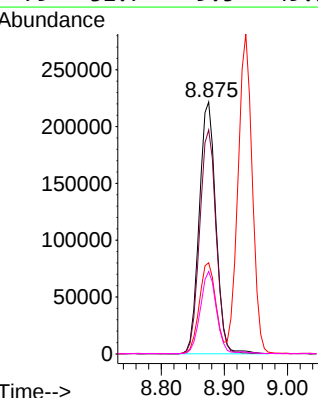
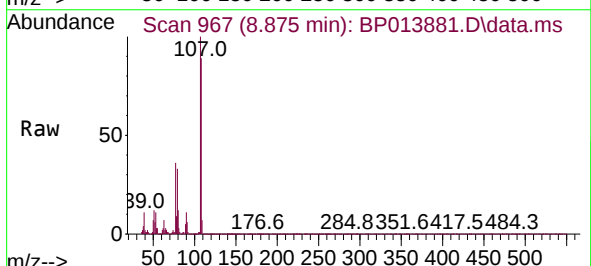
Ion Ratio Lower Upper

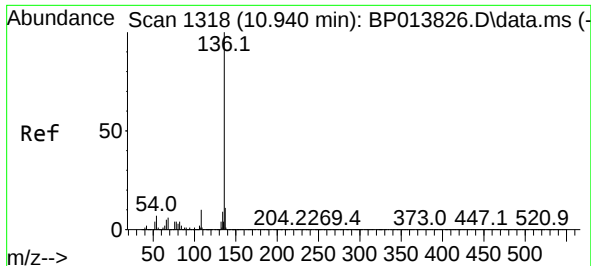
107 100

108 88.9 67.7 107.7

77 36.2 13.4 53.4

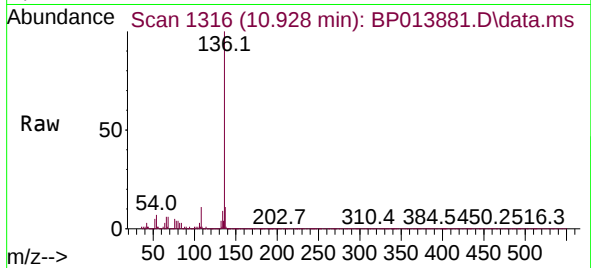
79 32.7 9.5 49.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.928 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

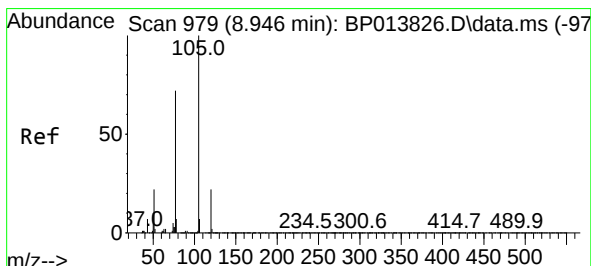
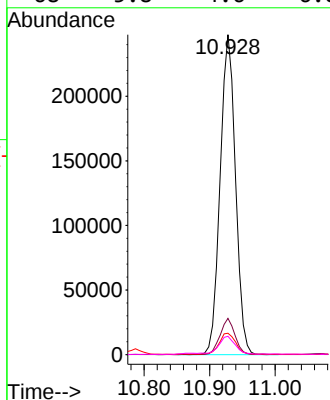
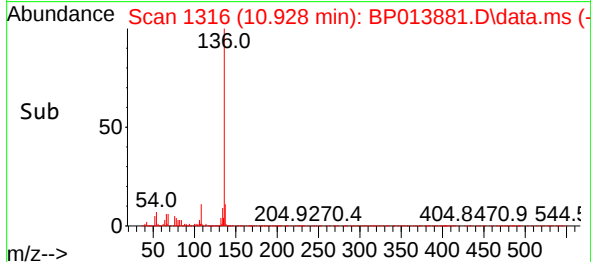
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 403973 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.5   | 12.7   |
| 54       | 6.7   | 5.8   | 8.6    |
| 68       | 5.8   | 4.6   | 6.8    |

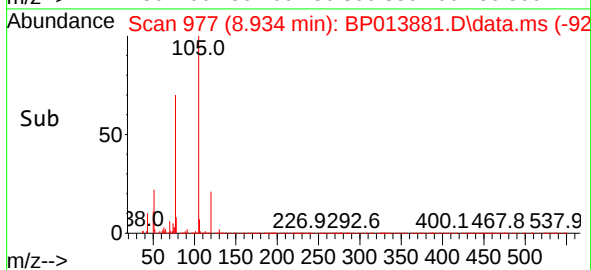
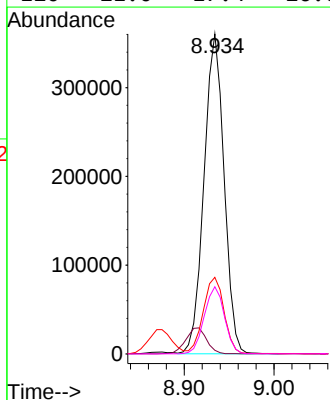
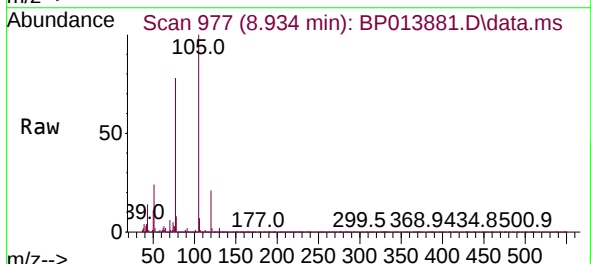
Manual Integrations  
APPROVED

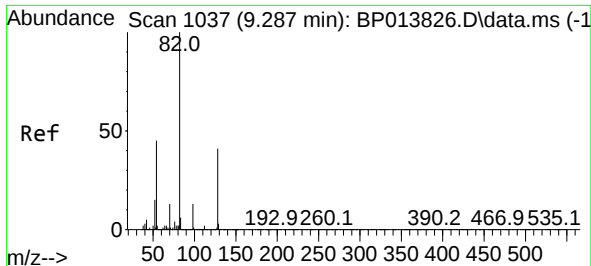
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#22  
Acetophenone  
Concen: 55.176 ng  
RT: 8.934 min Scan# 977  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

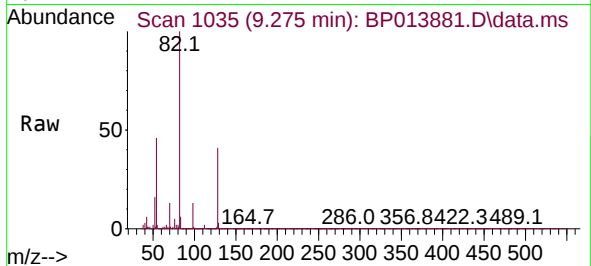
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 562208 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.1   | 0.7   | 1.1#   |
| 51       | 23.9  | 18.9  | 28.3   |
| 120      | 21.0  | 17.4  | 26.0   |





#23  
Nitrobenzene-d5  
Concen: 109.098 ng  
RT: 9.275 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

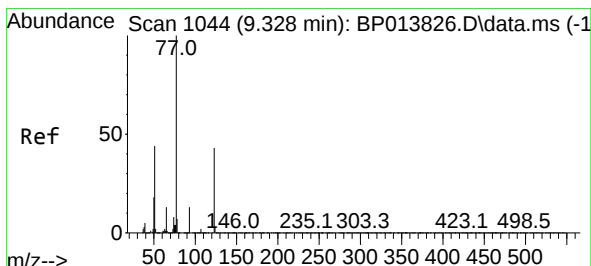
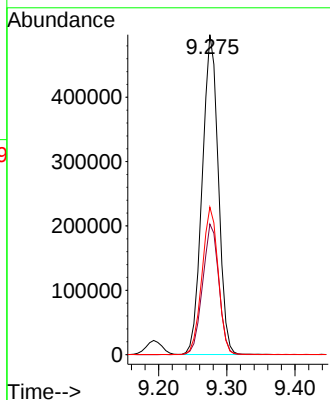
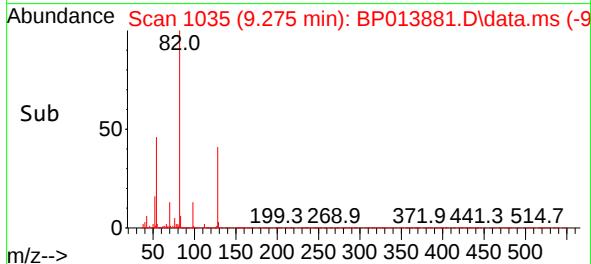
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion: 82 Resp: 816152  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.9 49.3  
54 46.1 35.6 53.4

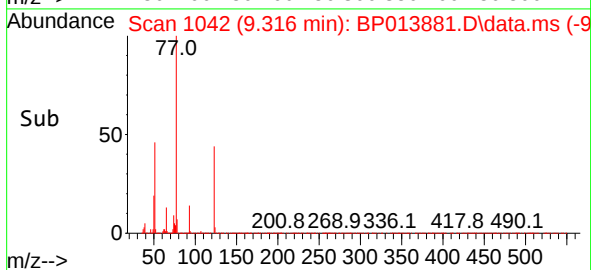
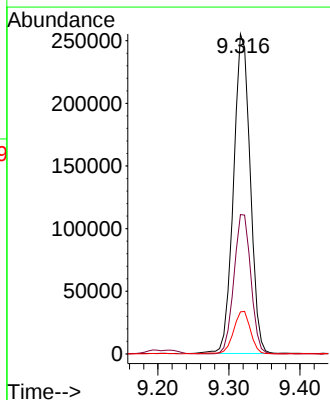
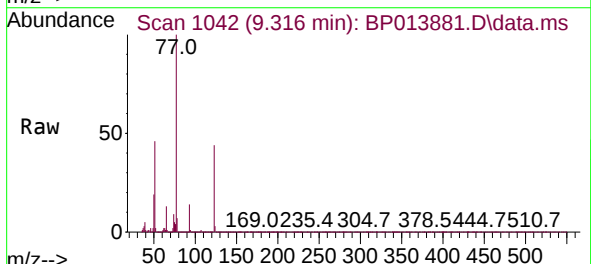
Manual Integrations  
APPROVED

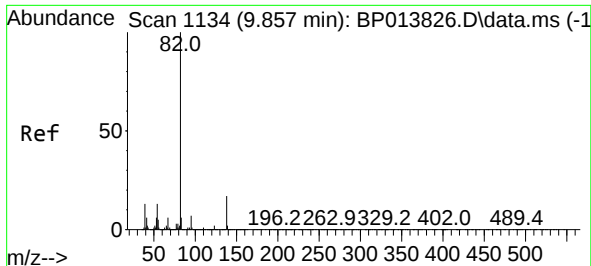
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#24  
Nitrobenzene  
Concen: 53.321 ng  
RT: 9.316 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion: 77 Resp: 416264  
Ion Ratio Lower Upper  
77 100  
123 43.5 34.7 52.1  
65 13.1 10.5 15.7





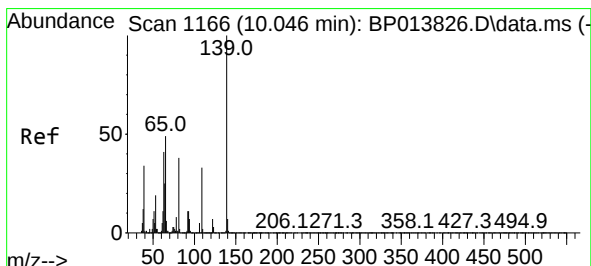
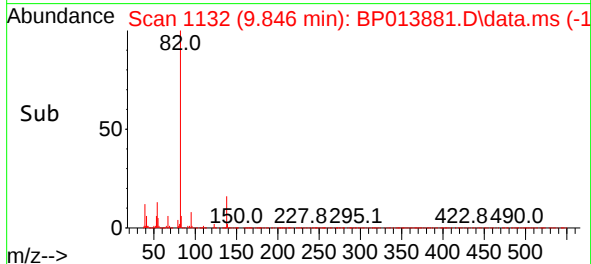
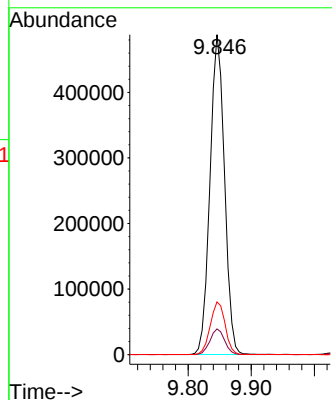
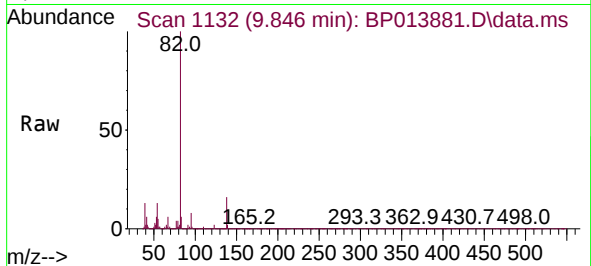
#25  
Isophorone  
Concen: 54.074 ng  
RT: 9.846 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion: 82 Resp: 779554  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.8 8.8  
138 16.5 13.7 20.5

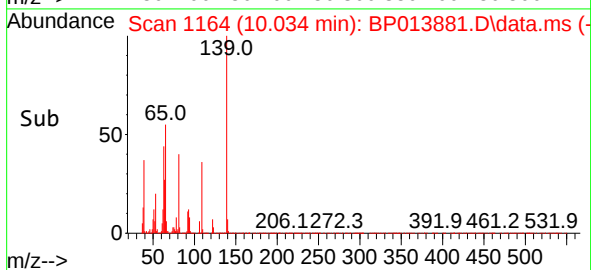
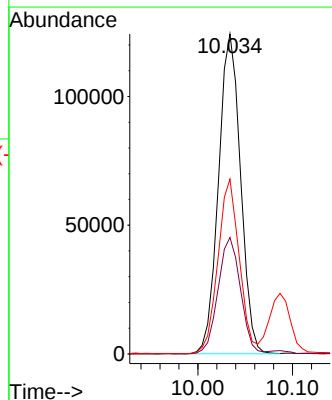
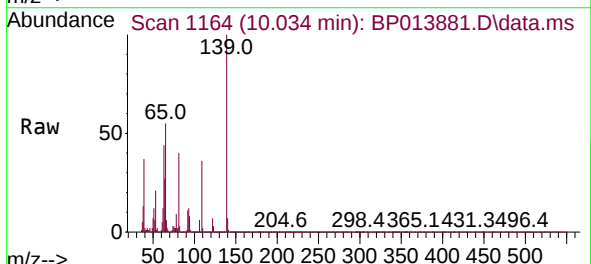
Manual Integrations  
APPROVED

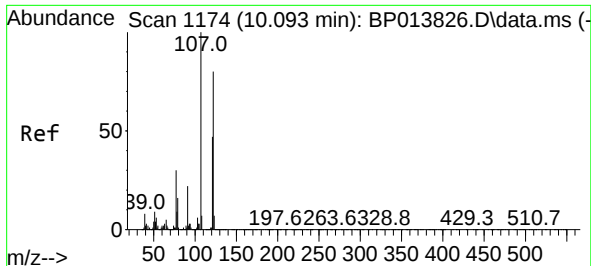
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#26  
2-Nitrophenol  
Concen: 54.271 ng  
RT: 10.034 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

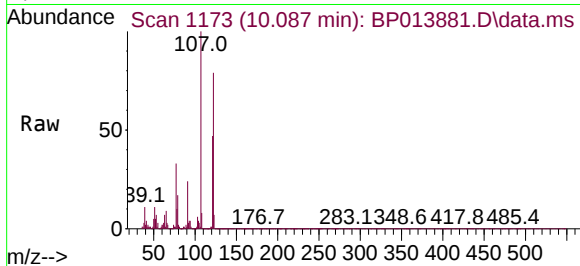
Tgt Ion:139 Resp: 201060  
Ion Ratio Lower Upper  
139 100  
109 36.4 26.7 40.1  
65 54.6 39.4 59.2





#27  
2,4-Dimethylphenol  
Concen: 55.213 ng  
RT: 10.087 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

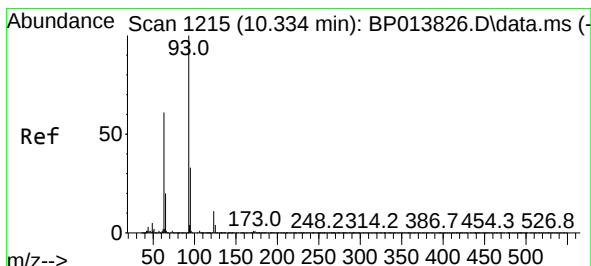
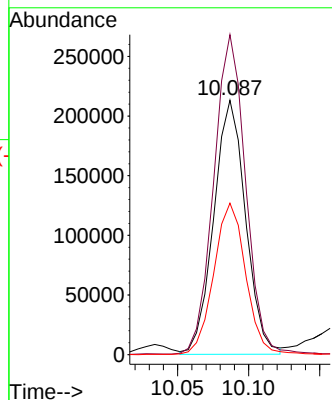
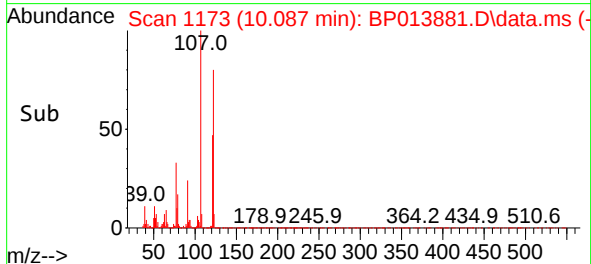
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



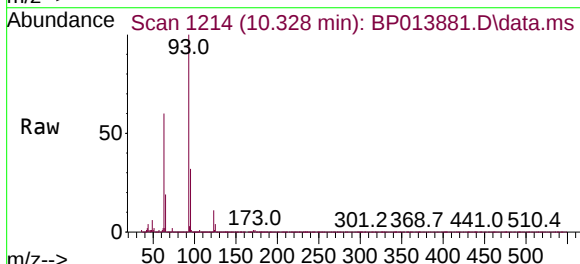
Tgt Ion:122 Resp: 332880  
Ion Ratio Lower Upper  
122 100  
107 125.8 100.0 150.0  
121 59.6 47.2 70.8

Manual Integrations  
APPROVED

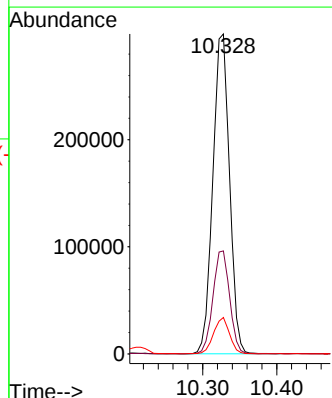
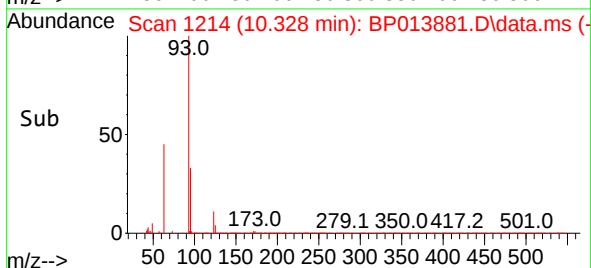
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

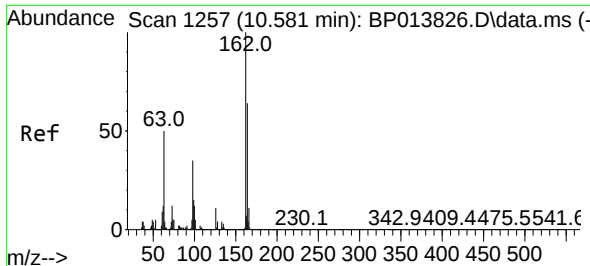


#28  
bis(2-Chloroethoxy)methane  
Concen: 50.663 ng  
RT: 10.328 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52



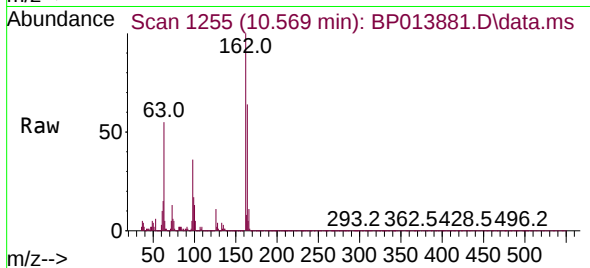
Tgt Ion: 93 Resp: 466244  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.1 39.1  
123 11.4 8.7 13.1





#29  
2,4-Dichlorophenol  
Concen: 56.570 ng  
RT: 10.569 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

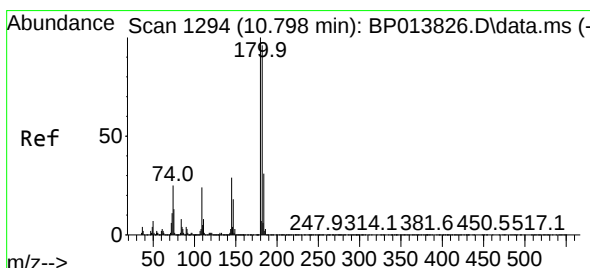
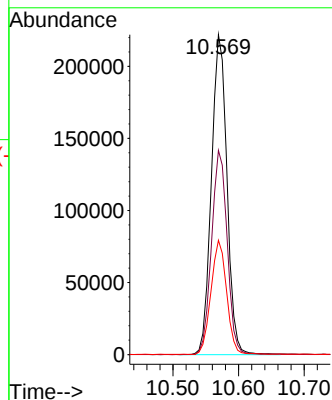
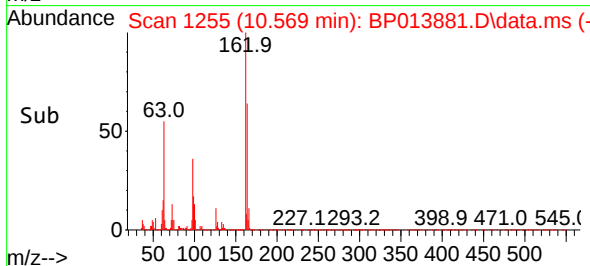
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:162 Resp: 365928  
Ion Ratio Lower Upper  
162 100  
164 63.8 44.4 84.4  
98 35.7 14.7 54.7

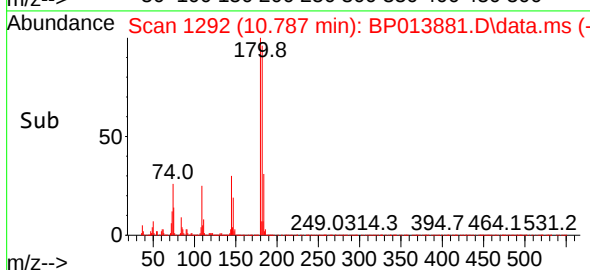
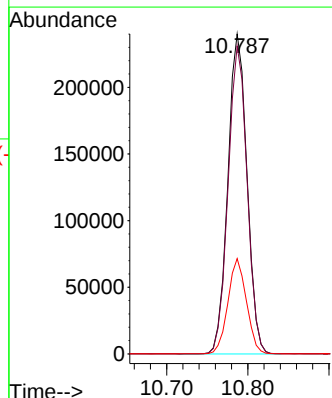
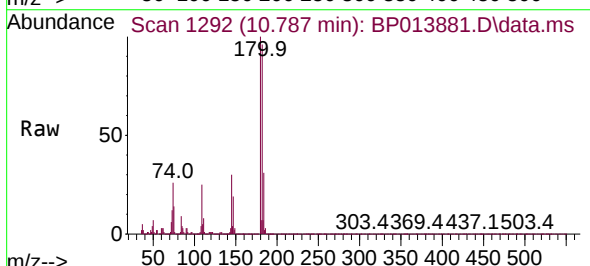
Manual Integrations  
APPROVED

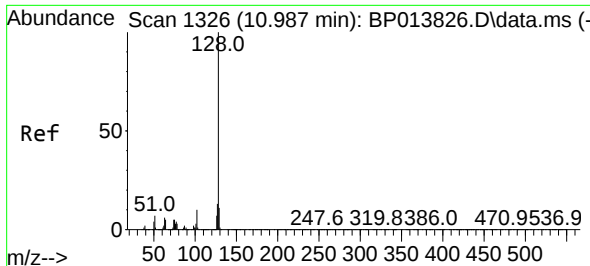
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 51.712 ng  
RT: 10.787 min Scan# 1292  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

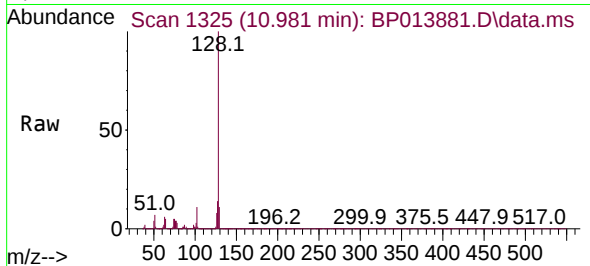
Tgt Ion:180 Resp: 392527  
Ion Ratio Lower Upper  
180 100  
182 96.2 76.8 115.2  
145 29.8 22.9 34.3





#31  
Naphthalene  
Concen: 48.926 ng  
RT: 10.981 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

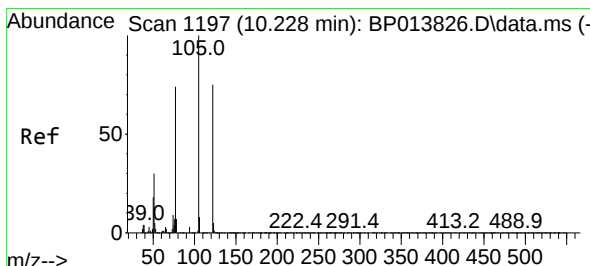
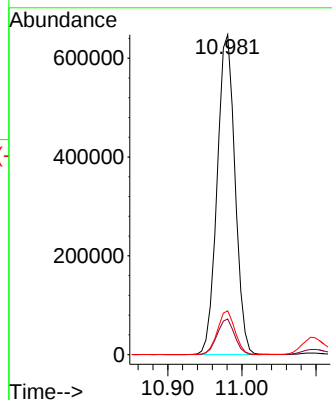
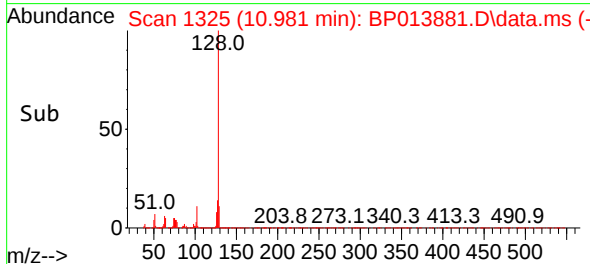
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:128 Resp: 1083624  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 12.8  
127 13.7 10.4 15.6

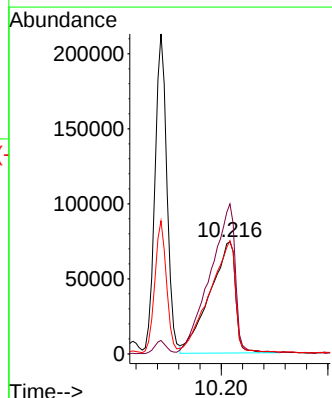
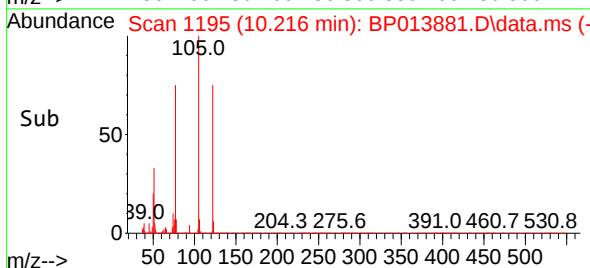
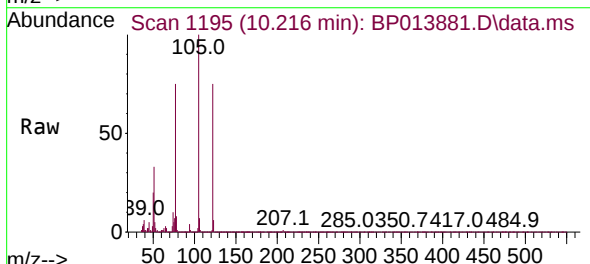
Manual Integrations  
APPROVED

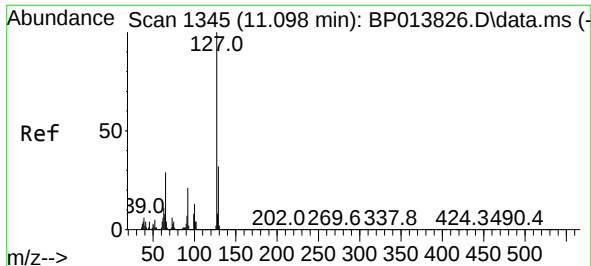
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#32  
Benzoic acid  
Concen: 51.982 ng  
RT: 10.216 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

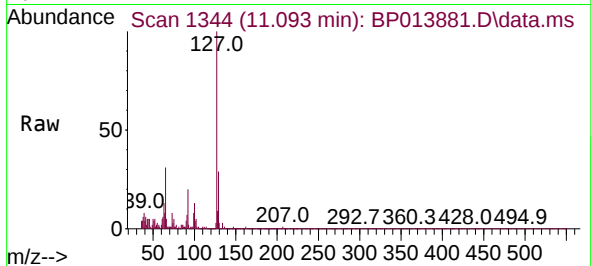
Tgt Ion:122 Resp: 249361  
Ion Ratio Lower Upper  
122 100  
105 133.8 107.4 147.4  
77 101.0 76.0 116.0





#33  
4-Chloroaniline  
Concen: 9.253 ng  
RT: 11.093 min Scan# 1345  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

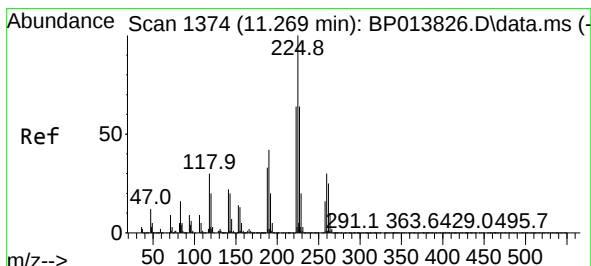
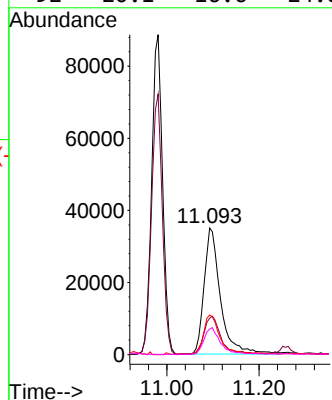
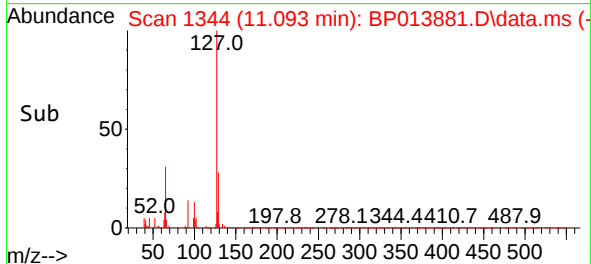
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 28.7  | 25.7  | 38.5  |
| 65      | 31.3  | 23.4  | 35.2  |
| 92      | 20.1  | 16.6  | 24.8  |

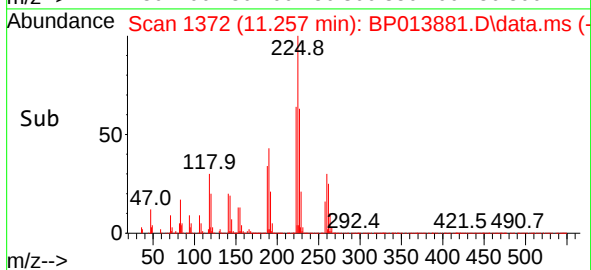
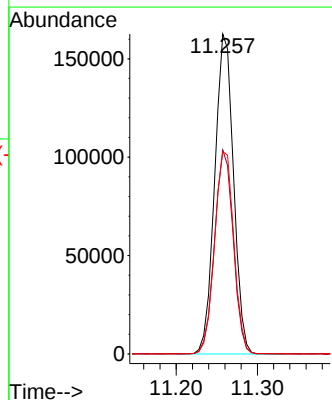
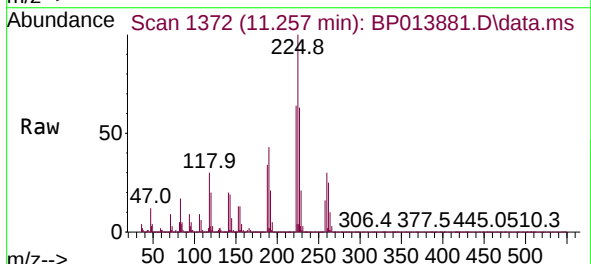
Manual Integrations  
APPROVED

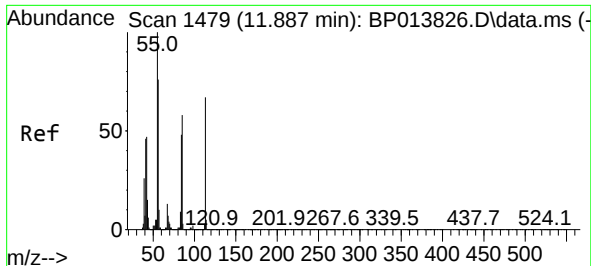
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#34  
Hexachlorobutadiene  
Concen: 51.747 ng  
RT: 11.257 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

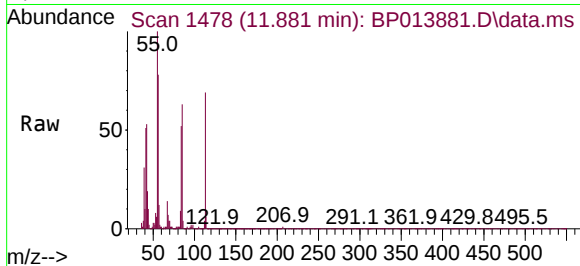
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 51.0  | 76.4  |
| 227     | 63.2  | 51.6  | 77.4  |





#35  
Caprolactam  
Concen: 46.767 ng  
RT: 11.881 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

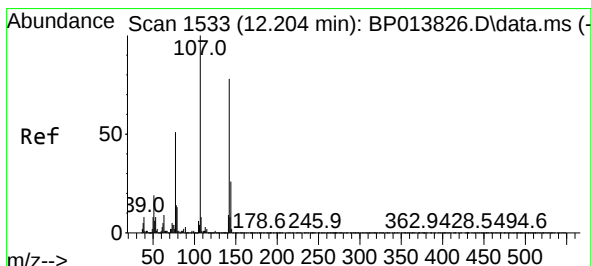
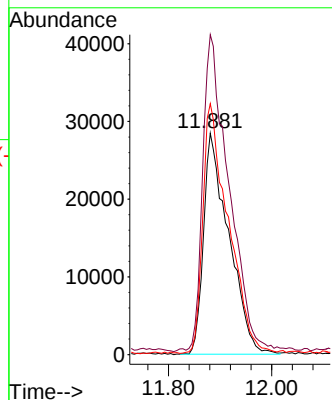
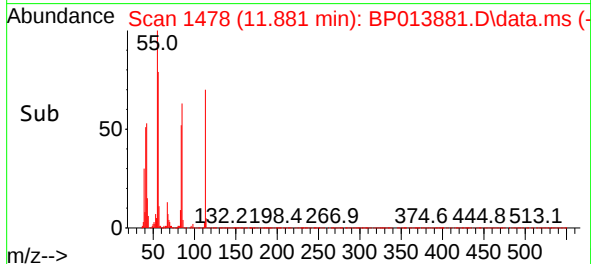
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:113 Resp: 96584  
Ion Ratio Lower Upper  
113 100  
55 144.6 128.5 168.5  
56 113.4 93.4 133.4

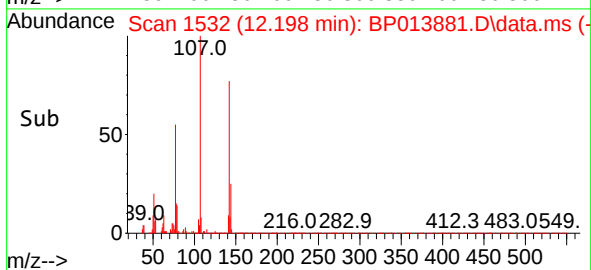
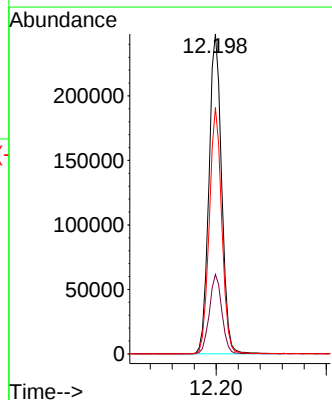
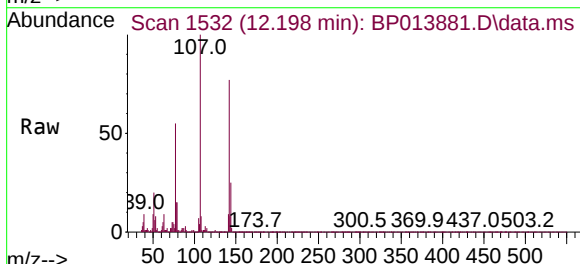
Manual Integrations  
APPROVED

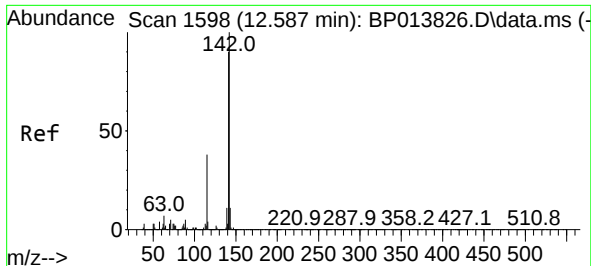
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#36  
4-Chloro-3-methylphenol  
Concen: 55.164 ng  
RT: 12.198 min Scan# 1532  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

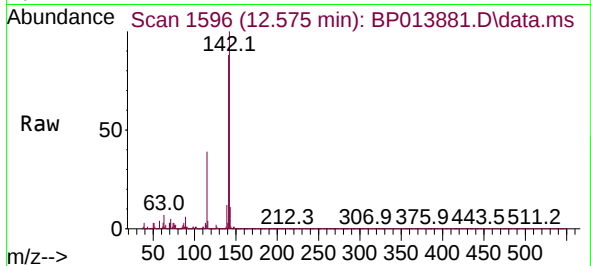
Tgt Ion:107 Resp: 397613  
Ion Ratio Lower Upper  
107 100  
144 24.8 20.4 30.6  
142 77.0 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 48.128 ng  
RT: 12.575 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

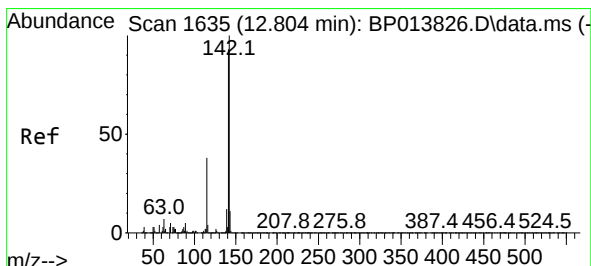
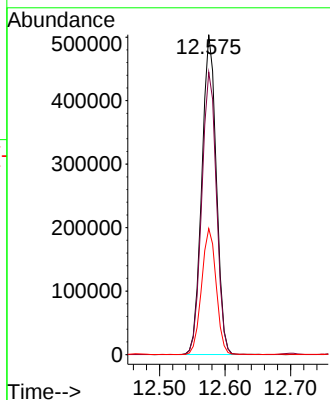
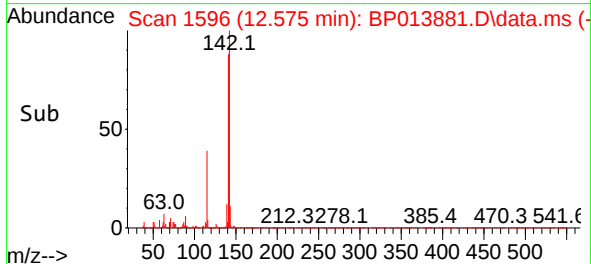
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:142 Resp: 771618  
Ion Ratio Lower Upper  
142 100  
141 88.3 72.1 108.1  
115 39.4 30.2 45.4

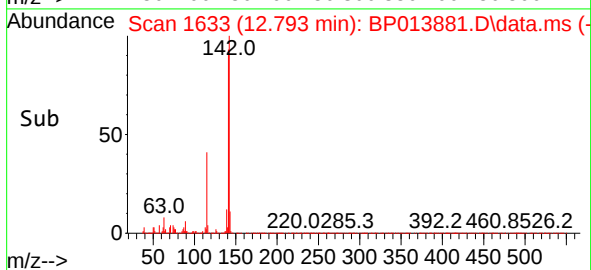
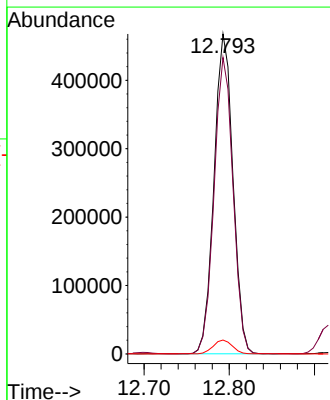
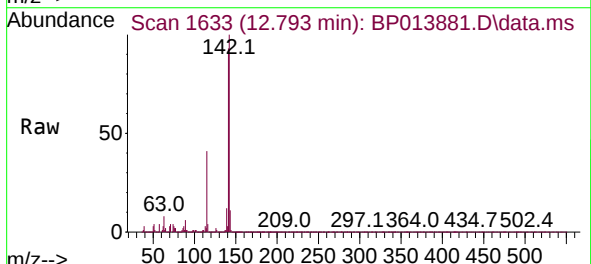
Manual Integrations  
APPROVED

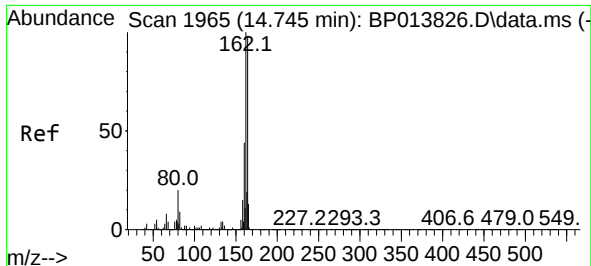
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#38  
1-Methylnaphthalene  
Concen: 48.014 ng  
RT: 12.793 min Scan# 1633  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

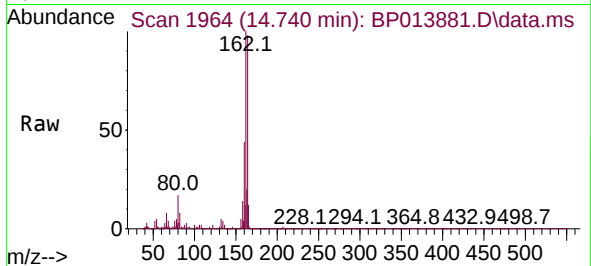
Tgt Ion:142 Resp: 720444  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.2 111.4  
116 4.3 3.3 4.9





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.740 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

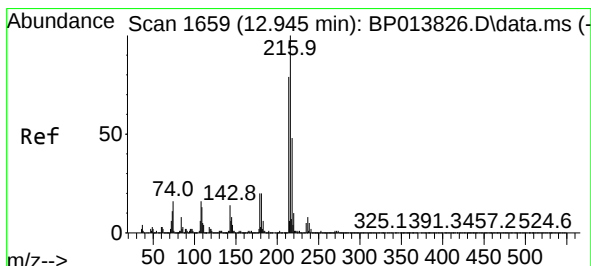
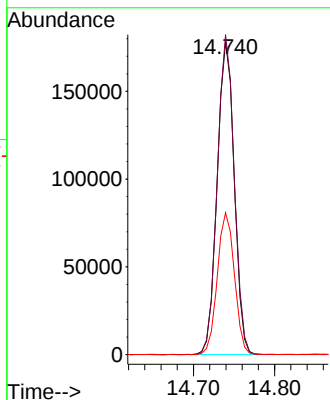
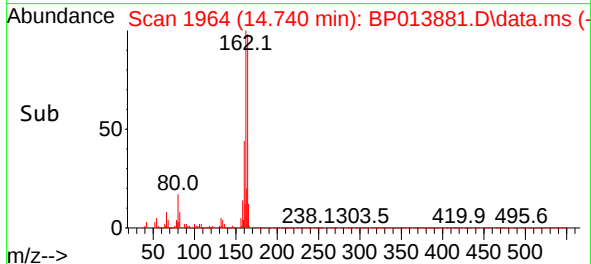
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



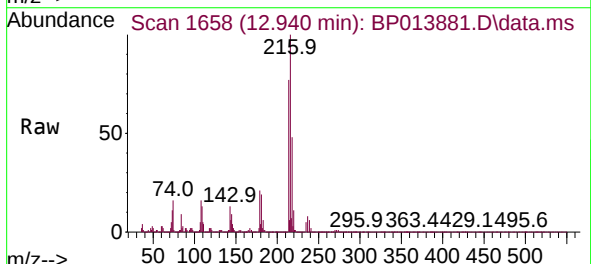
Tgt Ion:164 Resp: 259811  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.7 122.5  
160 45.4 36.1 54.1

Manual Integrations  
APPROVED

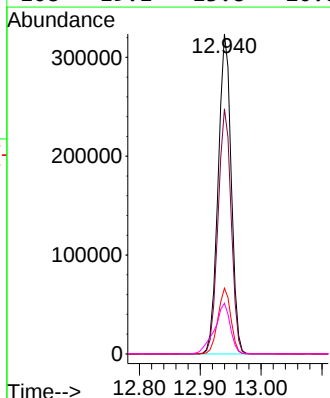
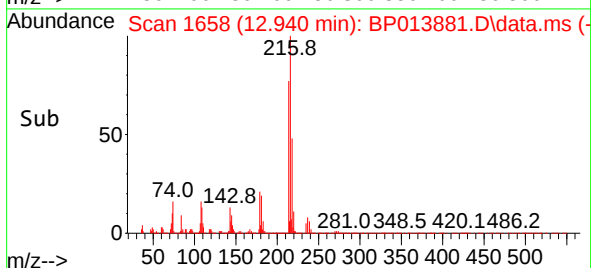
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

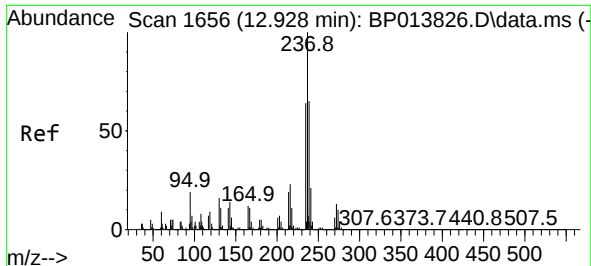


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.390 ng  
RT: 12.940 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52



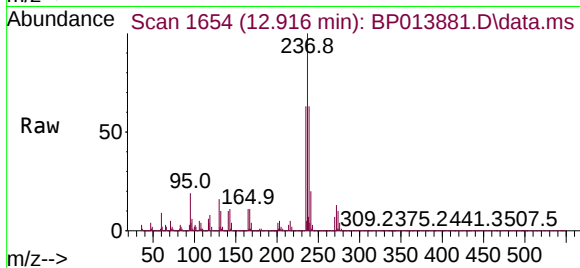
Tgt Ion:216 Resp: 481515  
Ion Ratio Lower Upper  
216 100  
214 77.1 63.0 94.4  
179 20.3 16.0 24.0  
108 19.1 13.8 20.8





#41  
Hexachlorocyclopentadiene  
Concen: 120.901 ng  
RT: 12.916 min Scan# 1654  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

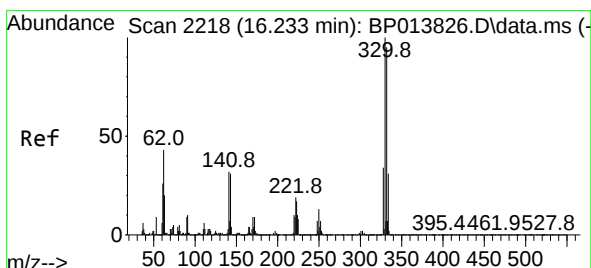
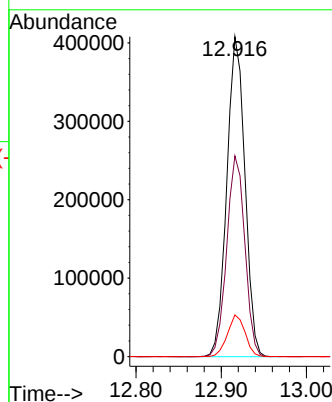
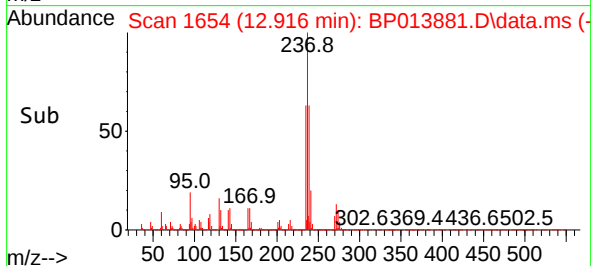
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion: 237 Resp: 601725  
Ion Ratio Lower Upper  
237 100  
235 62.7 44.3 84.3  
272 13.0 0.0 32.8

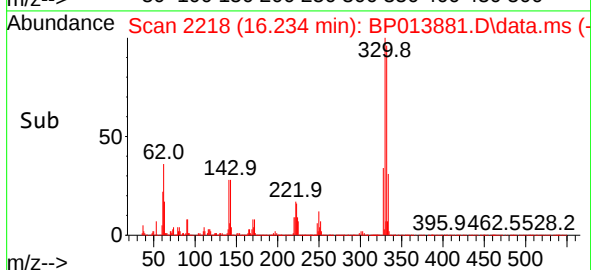
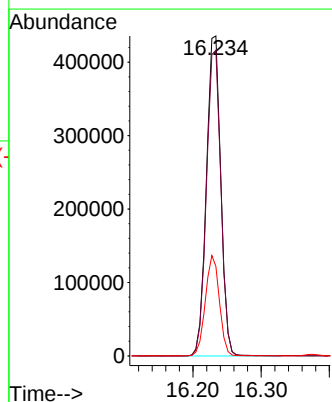
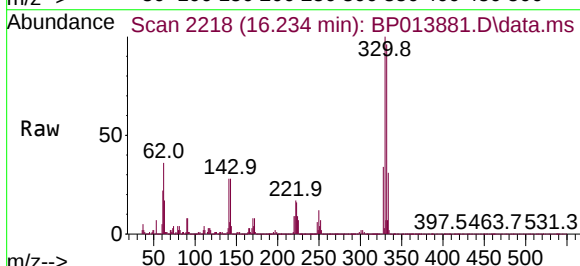
Manual Integrations  
APPROVED

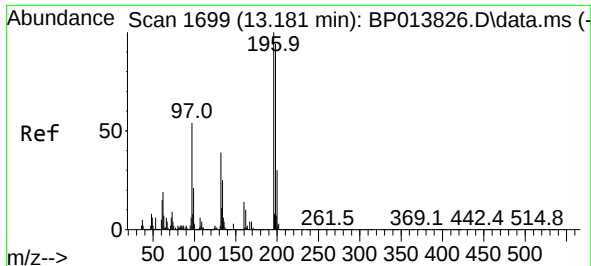
Reviewed By : Christian Giraldo 02/24/2023  
Supervised By : Jagrut Upadhyay 02/24/2023



#42  
2,4,6-Tribromophenol  
Concen: 168.197 ng  
RT: 16.234 min Scan# 2218  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

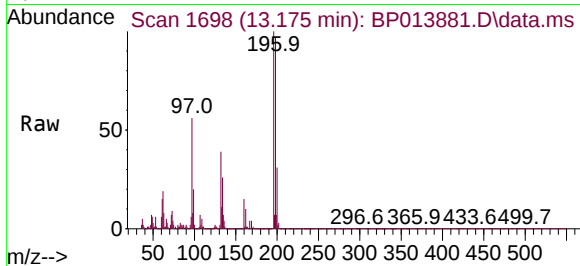
Tgt Ion: 330 Resp: 636119  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.7 115.1  
141 30.7 25.1 37.7





#43  
2,4,6-Trichlorophenol  
Concen: 54.471 ng  
RT: 13.175 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

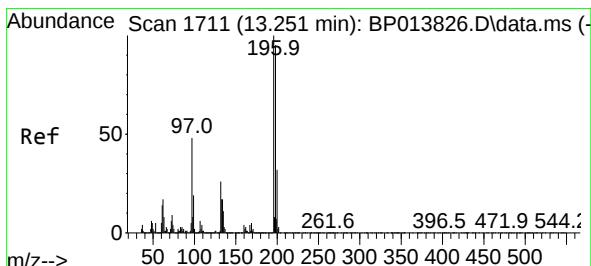
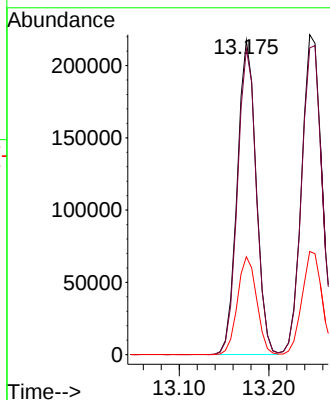
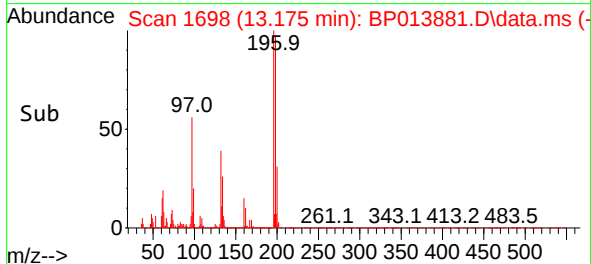
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



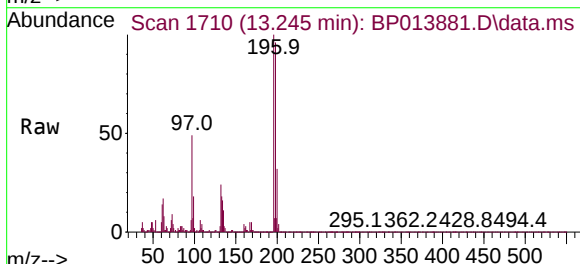
Tgt Ion:196 Resp: 319279  
Ion Ratio Lower Upper  
196 100  
198 97.2 75.5 113.3  
200 31.1 24.1 36.1

Manual Integrations  
APPROVED

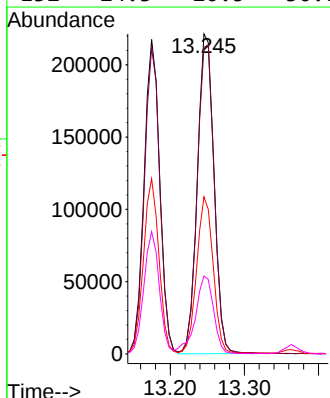
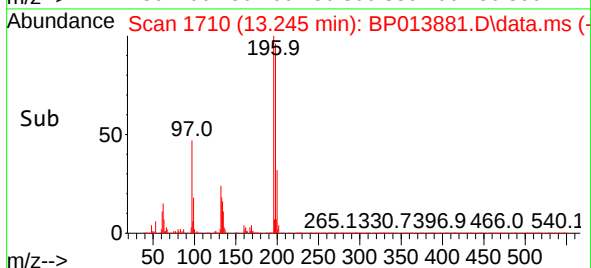
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

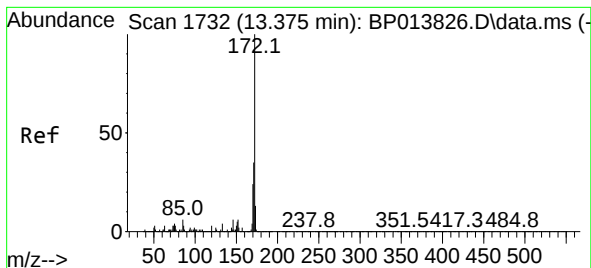


#44  
2,4,5-Trichlorophenol  
Concen: 49.885 ng  
RT: 13.245 min Scan# 1710  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52



Tgt Ion:196 Resp: 347526  
Ion Ratio Lower Upper  
196 100  
198 95.8 76.1 114.1  
97 49.1 38.8 58.2  
132 24.3 20.5 30.7





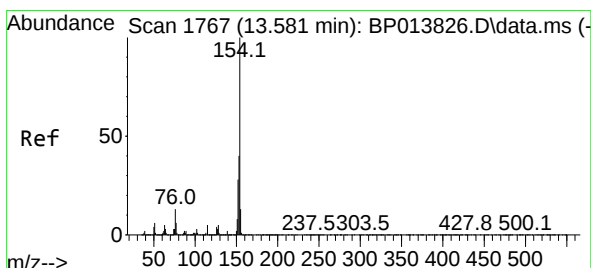
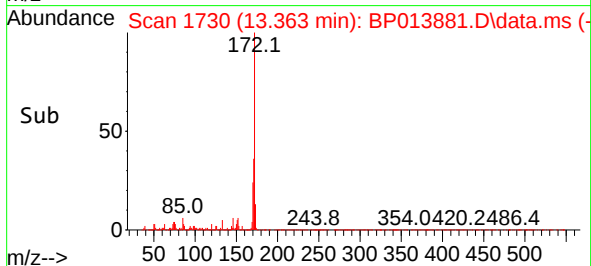
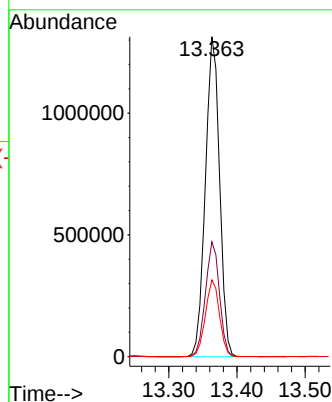
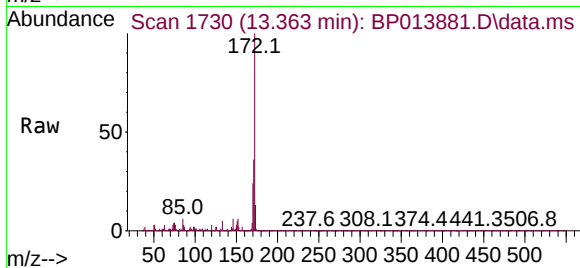
#45  
2-Fluorobiphenyl  
Concen: 96.028 ng  
RT: 13.363 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:172 Resp: 1899492  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.4  
170 24.0 19.0 28.4

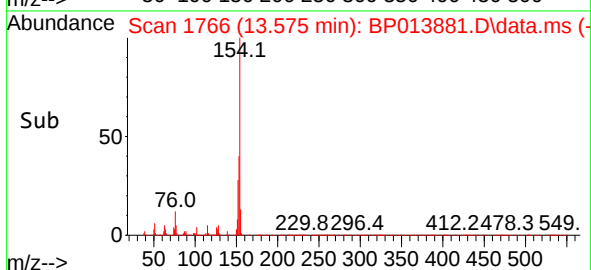
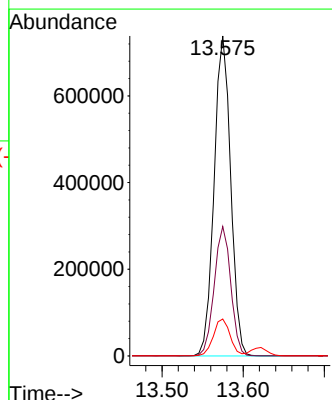
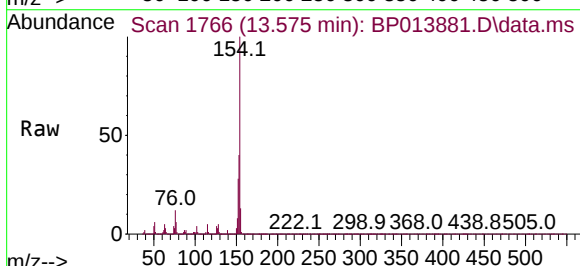
Manual Integrations  
APPROVED

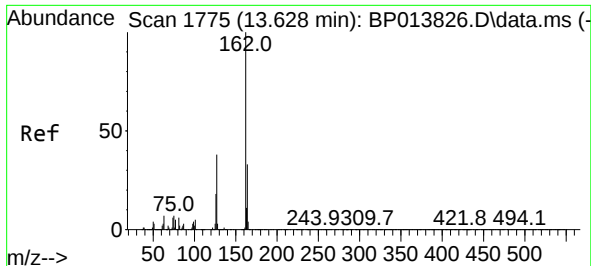
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#46  
1,1'-Biphenyl  
Concen: 49.797 ng  
RT: 13.575 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:154 Resp: 1045695  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.9 59.9  
76 11.6 0.0 32.8





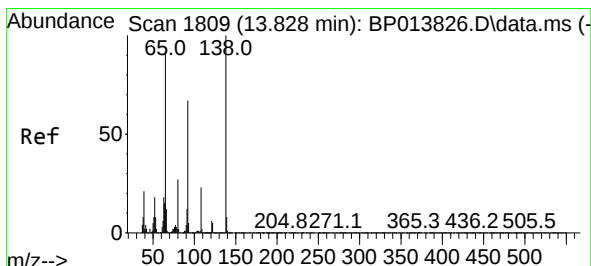
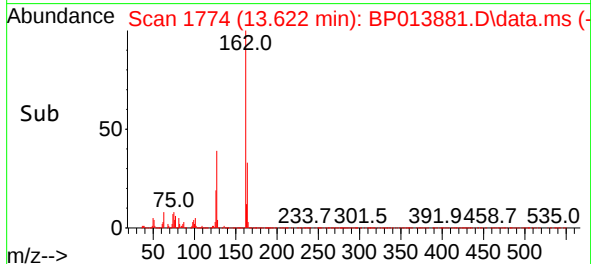
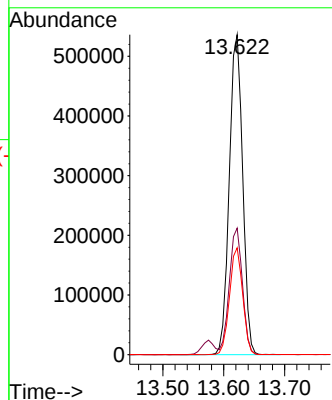
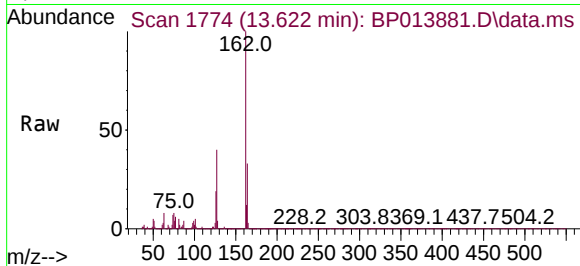
#47  
2-Chloronaphthalene  
Concen: 51.024 ng  
RT: 13.622 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:162 Resp: 816303  
Ion Ratio Lower Upper  
162 100  
127 39.5 30.8 46.2  
164 33.4 26.3 39.5

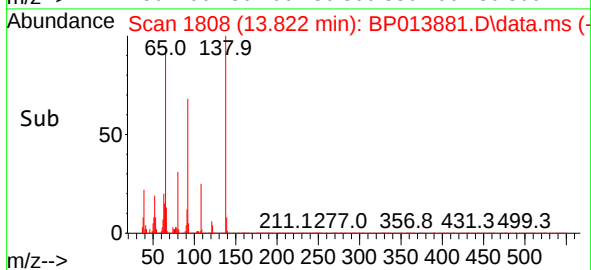
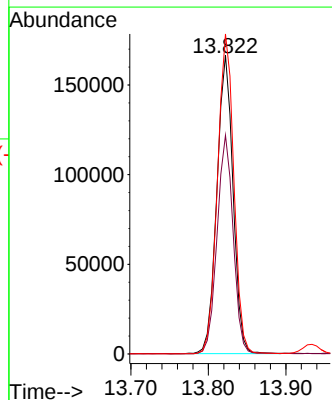
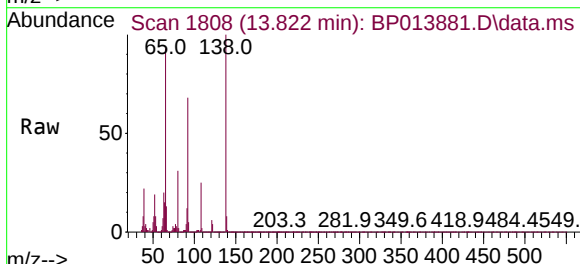
Manual Integrations  
APPROVED

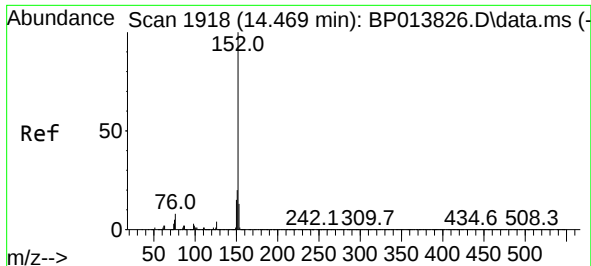
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#48  
2-Nitroaniline  
Concen: 52.818 ng  
RT: 13.822 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

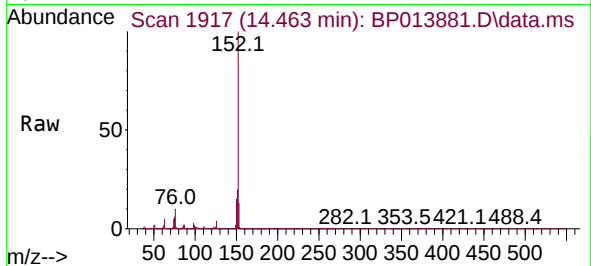
Tgt Ion: 65 Resp: 241585  
Ion Ratio Lower Upper  
65 100  
92 73.2 58.7 88.1  
138 107.1 87.3 130.9





#49  
Acenaphthylene  
Concen: 51.304 ng  
RT: 14.463 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

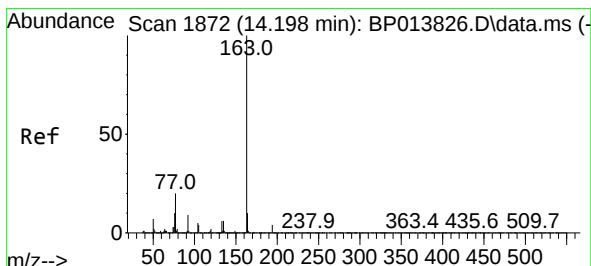
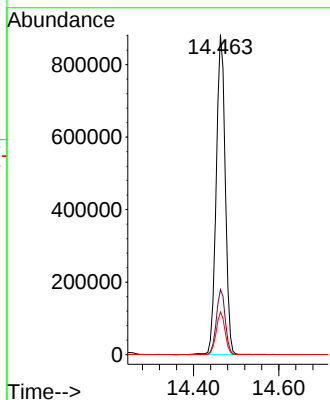
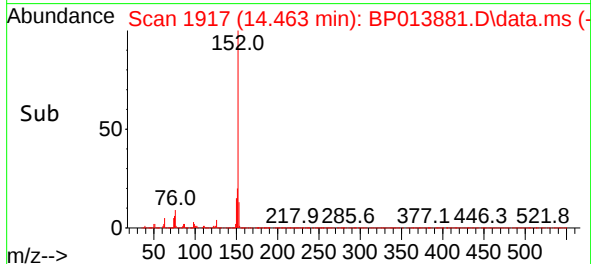
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



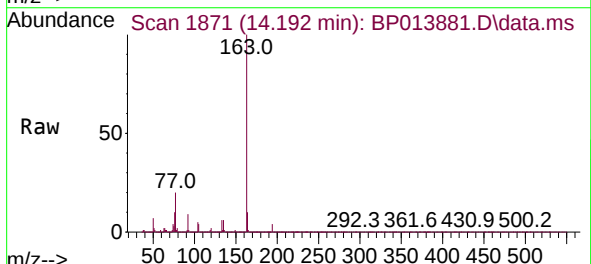
Tgt Ion:152 Resp: 129384  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.8 23.8  
153 13.3 10.7 16.1

Manual Integrations  
APPROVED

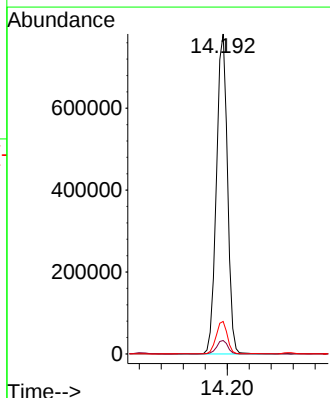
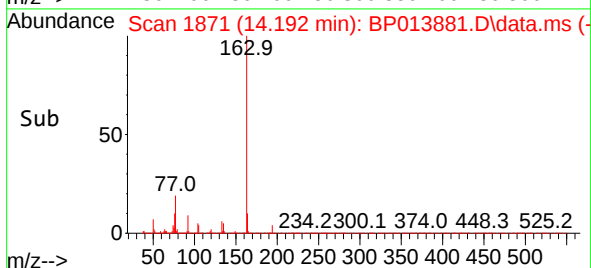
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023

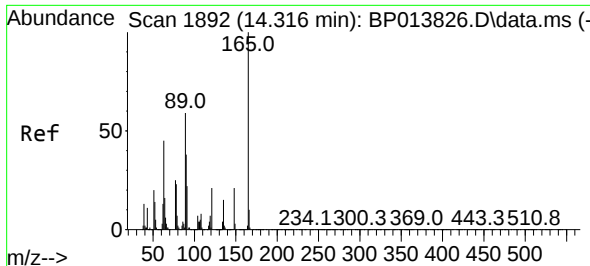


#50  
Dimethylphthalate  
Concen: 51.236 ng  
RT: 14.192 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52



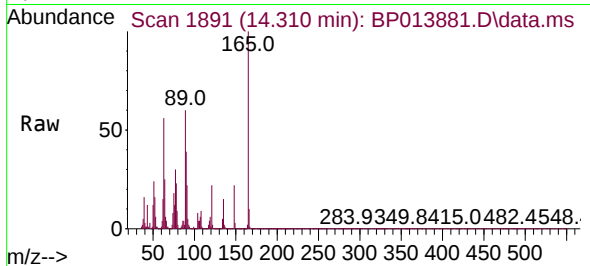
Tgt Ion:163 Resp: 1083222  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.1 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 50.887 ng  
RT: 14.310 min Scan# 1892  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

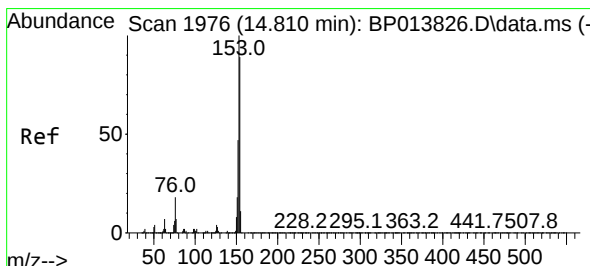
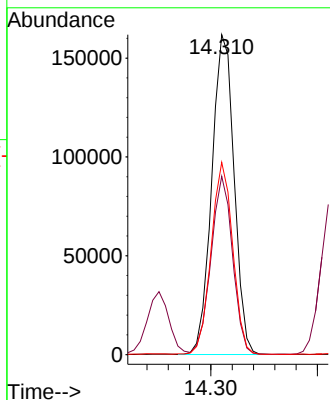
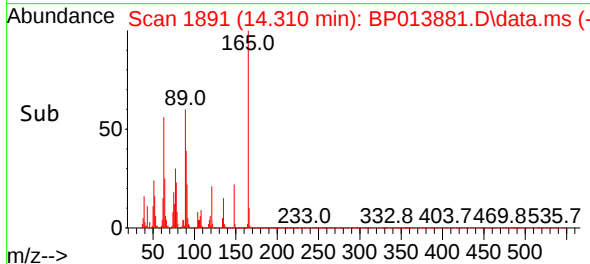
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:165 Resp: 235782  
Ion Ratio Lower Upper  
165 100  
63 55.7 42.6 63.8  
89 60.1 47.1 70.7

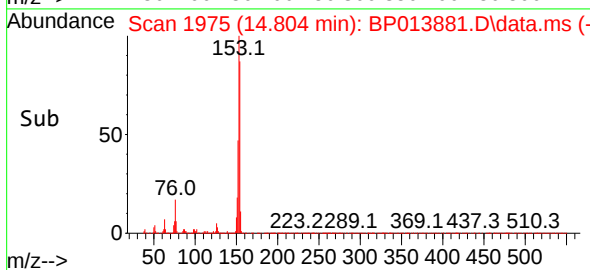
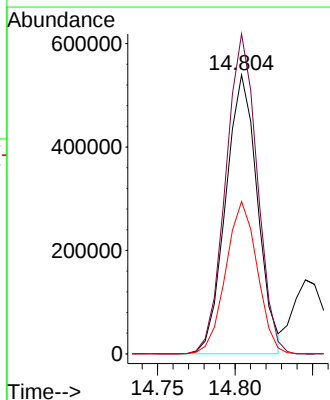
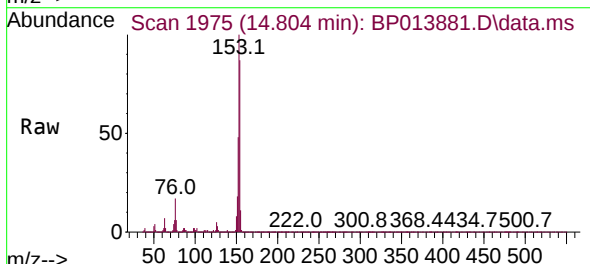
Manual Integrations  
APPROVED

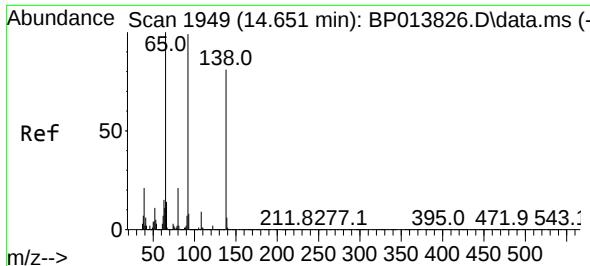
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#52  
Acenaphthene  
Concen: 50.179 ng  
RT: 14.804 min Scan# 1975  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

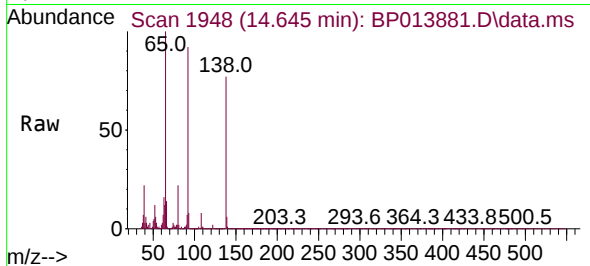
Tgt Ion:154 Resp: 770055  
Ion Ratio Lower Upper  
154 100  
153 114.7 90.4 135.6  
152 54.6 42.6 64.0





#53  
3-Nitroaniline  
Concen: 39.220 ng  
RT: 14.645 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

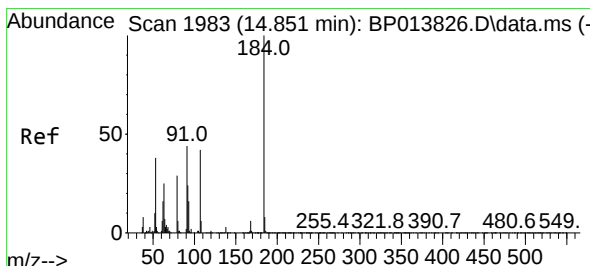
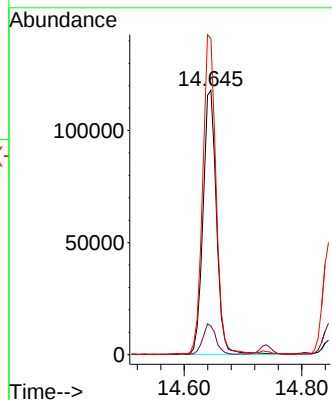
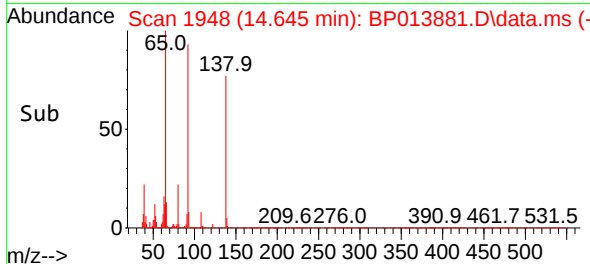
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:138 Resp: 186794  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.0 13.4  
92 119.6 97.1 145.7

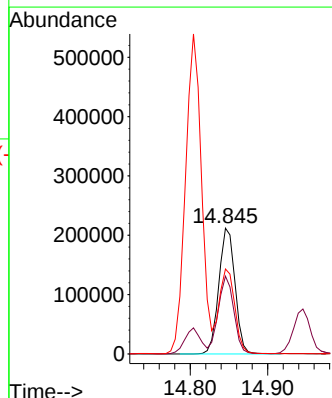
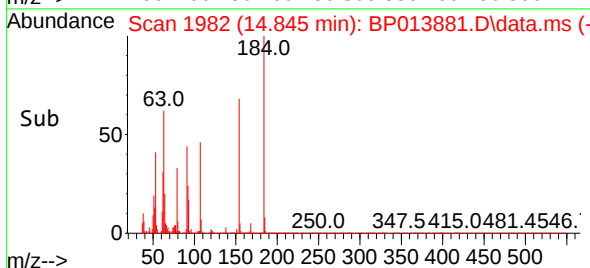
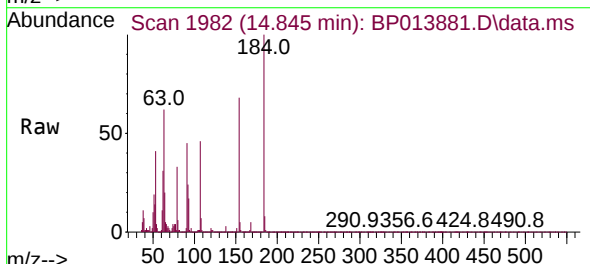
Manual Integrations  
APPROVED

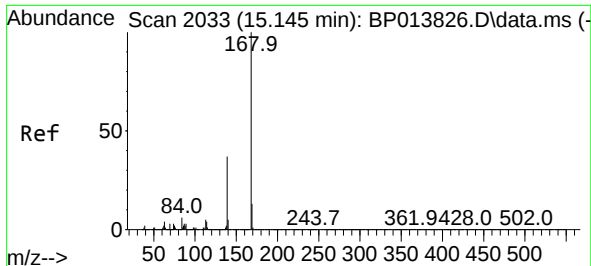
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#54  
2,4-Dinitrophenol  
Concen: 99.803 ng  
RT: 14.845 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

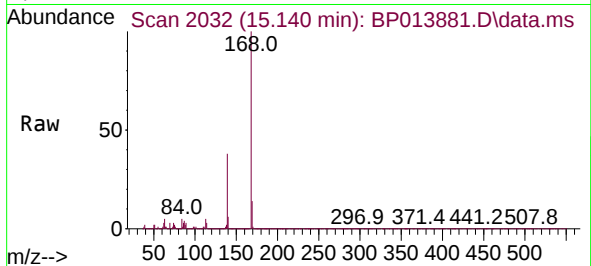
Tgt Ion:184 Resp: 307530  
Ion Ratio Lower Upper  
184 100  
63 61.8 47.0 70.4  
154 67.6 51.5 77.3





#55  
Dibenzenofuran  
Concen: 49.797 ng  
RT: 15.140 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

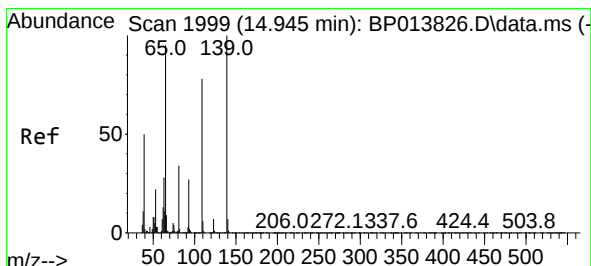
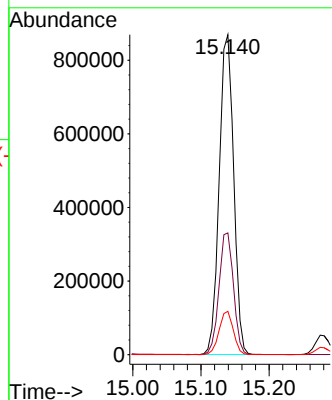
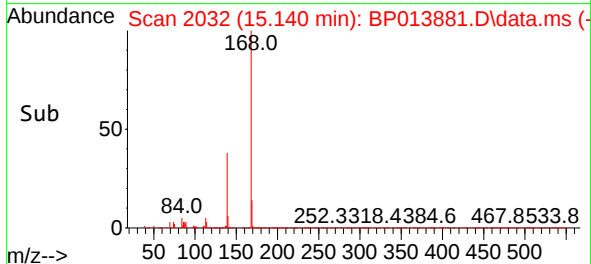
Instrument :  
BNA\_P  
Client Sample Id :  
WEIR-TANK-MUDMS



Tgt Ion:168 Resp: 1271545  
Ion Ratio Lower Upper  
168 100  
139 38.0 29.8 44.8  
169 13.5 10.8 16.2

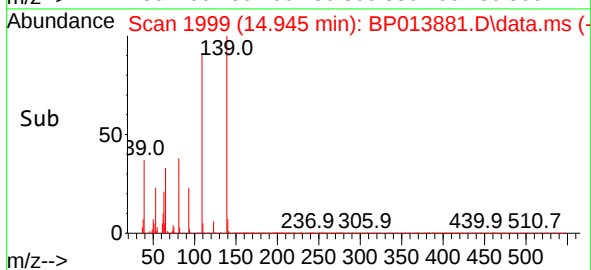
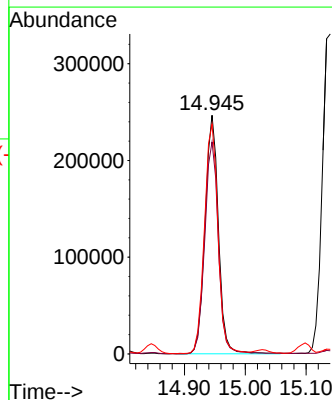
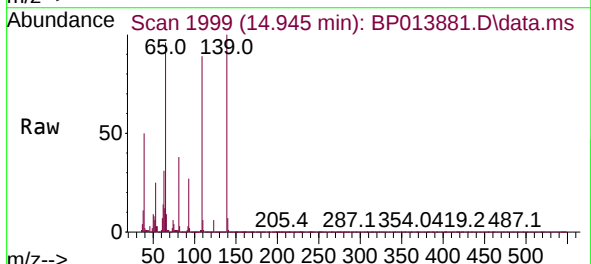
Manual Integrations  
APPROVED

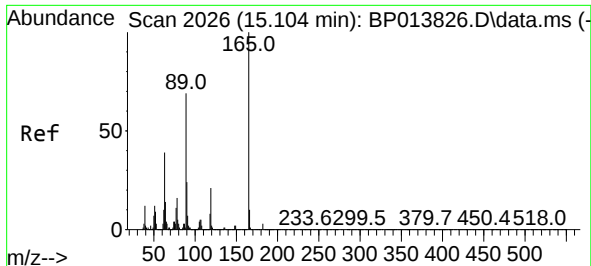
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#56  
4-Nitrophenol  
Concen: 99.733 ng  
RT: 14.945 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

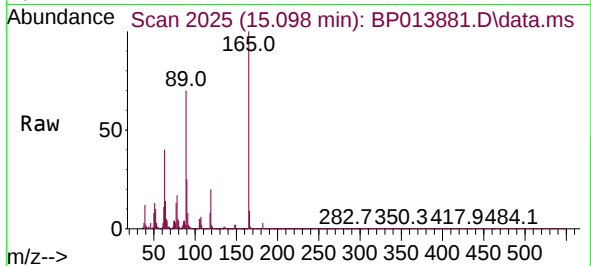
Tgt Ion:139 Resp: 376899  
Ion Ratio Lower Upper  
139 100  
109 88.8 58.2 98.2  
65 96.2 74.9 114.9





#57  
2,4-Dinitrotoluene  
Concen: 52.007 ng  
RT: 15.098 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

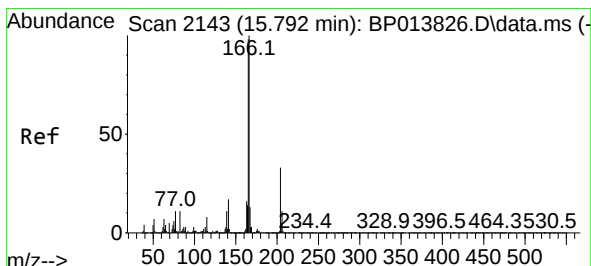
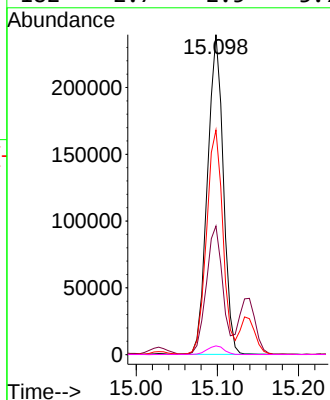
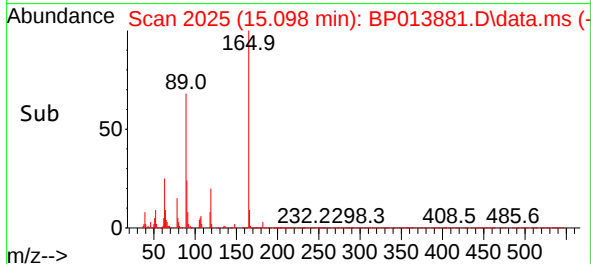
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:165 Resp: 324736  
Ion Ratio Lower Upper  
165 100  
63 40.2 31.1 46.7  
89 70.2 54.9 82.3  
182 2.7 2.5 3.7

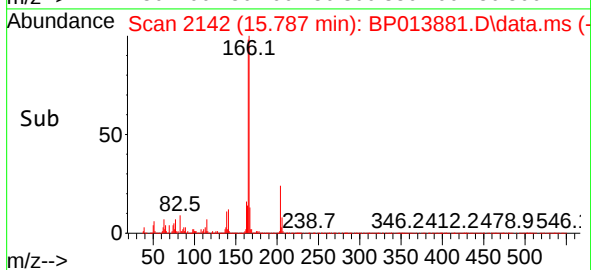
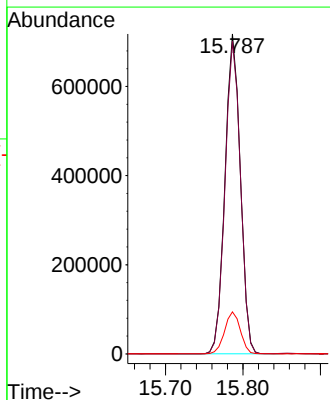
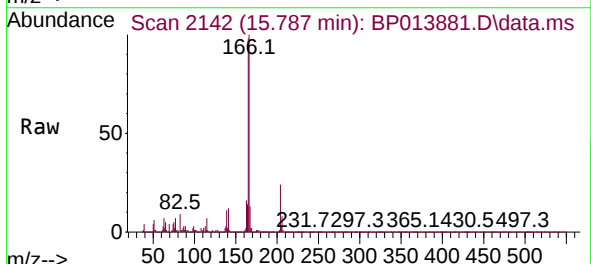
Manual Integrations  
APPROVED

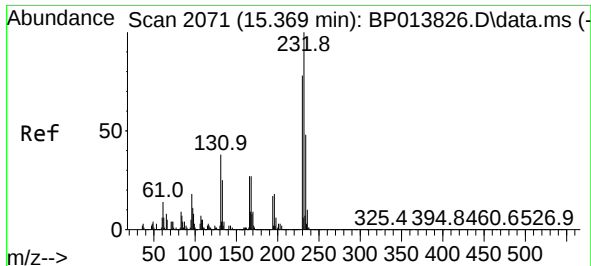
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#58  
Fluorene  
Concen: 49.516 ng  
RT: 15.787 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

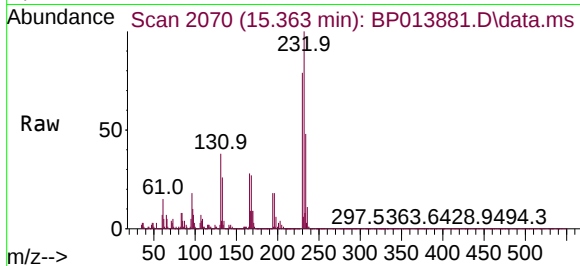
Tgt Ion:166 Resp: 991373  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.1 117.1  
167 13.1 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.084 ng  
RT: 15.363 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

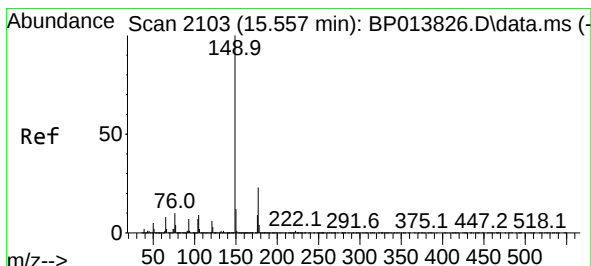
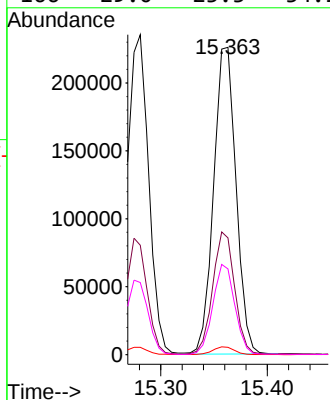
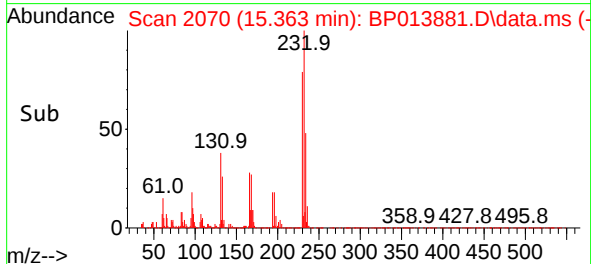
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:232 Resp: 330358  
Ion Ratio Lower Upper  
232 100  
131 39.1 31.7 47.5  
130 2.4 1.7 2.5  
166 29.0 23.3 34.9

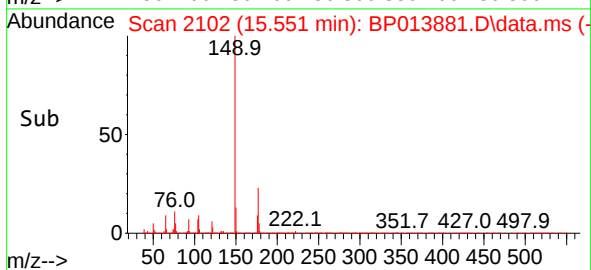
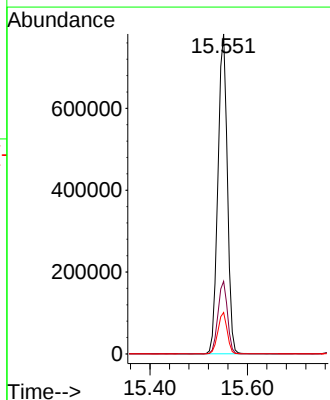
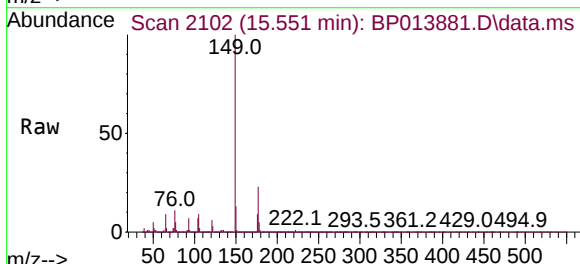
Manual Integrations  
APPROVED

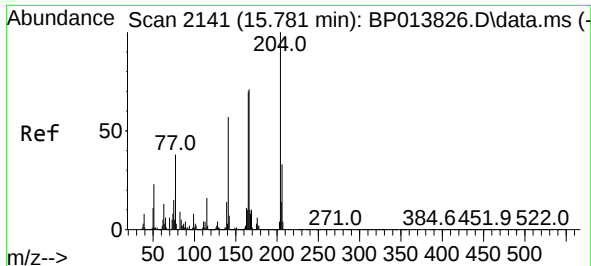
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#60  
Diethylphthalate  
Concen: 50.647 ng  
RT: 15.551 min Scan# 2102  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

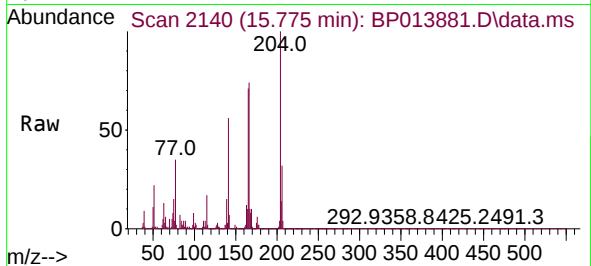
Tgt Ion:149 Resp: 1044120  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.4 27.6  
150 12.9 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 49.713 ng  
RT: 15.775 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

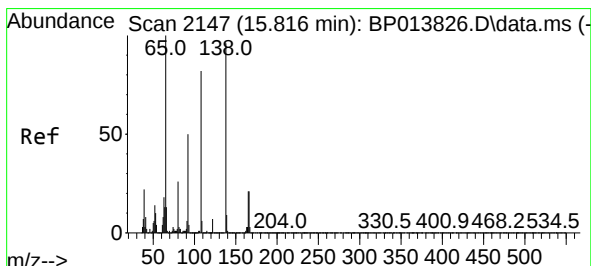
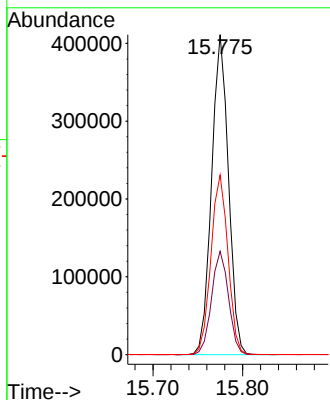
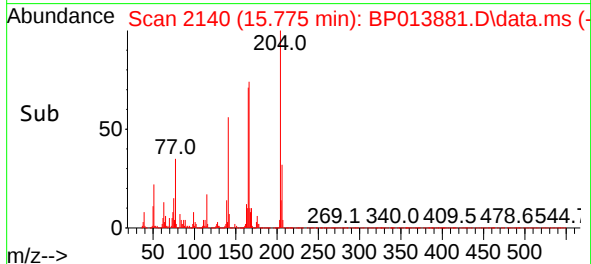
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion: 204 Resp: 539292  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.2 39.2  
141 56.1 45.3 67.9

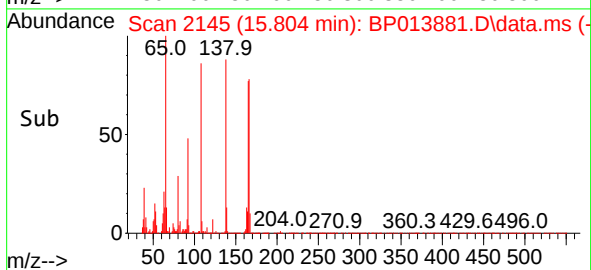
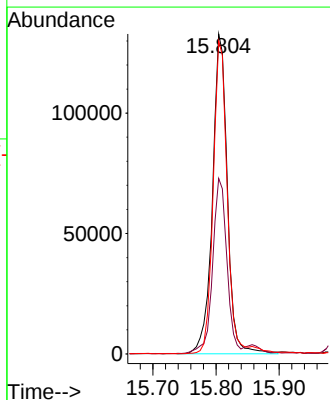
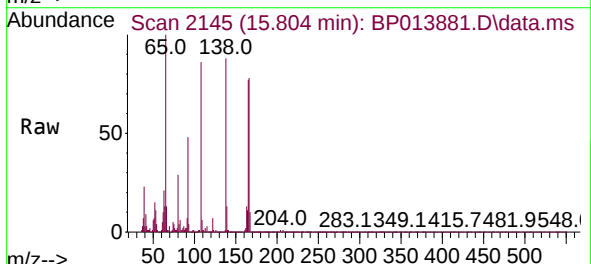
Manual Integrations  
APPROVED

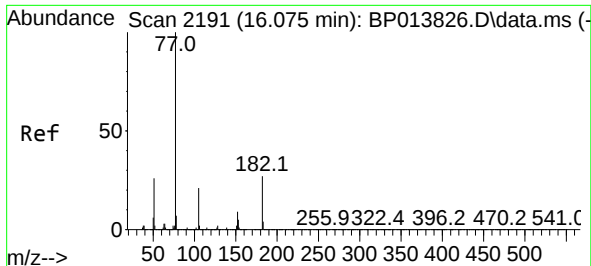
Reviewed By : Christian Giraldo 02/24/2023  
Supervised By : Jagrut Upadhyay 02/24/2023



#62  
4-Nitroaniline  
Concen: 44.190 ng  
RT: 15.804 min Scan# 2145  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

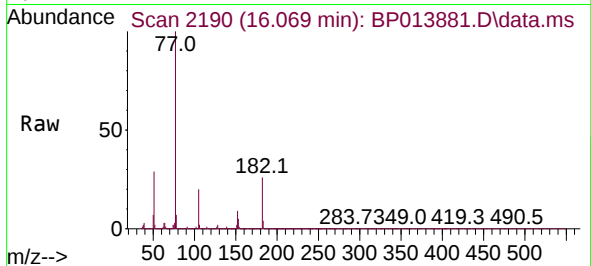
Tgt Ion: 138 Resp: 217591  
Ion Ratio Lower Upper  
138 100  
92 54.9 32.0 72.0  
108 97.8 65.6 105.6





#63  
Azobenzene  
Concen: 49.997 ng  
RT: 16.069 min Scan# 2191  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

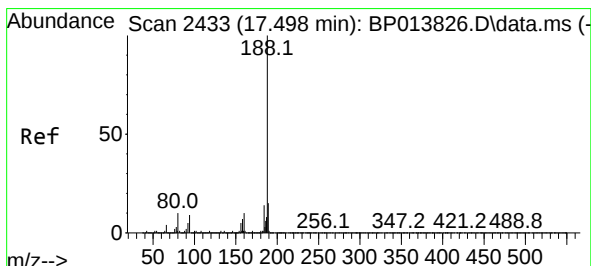
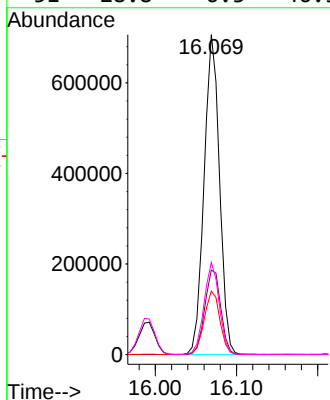
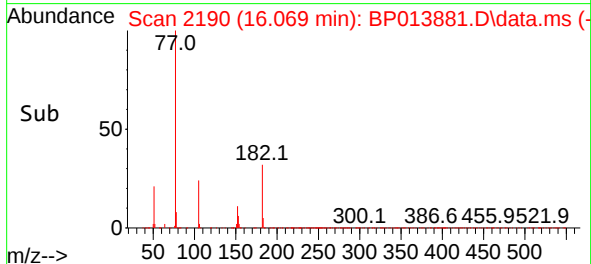
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion: 77 Resp: 932529  
Ion Ratio Lower Upper  
77 100  
182 26.4 6.9 46.9  
105 19.9 1.1 41.1  
51 28.8 6.3 46.3

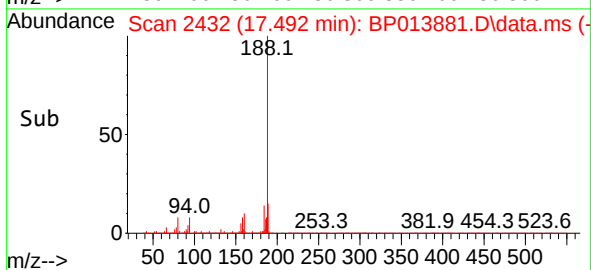
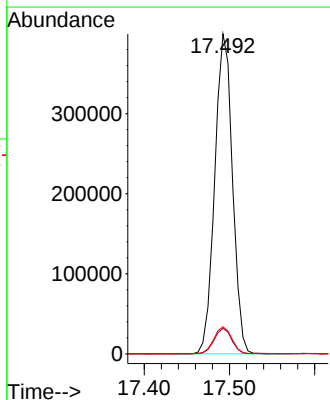
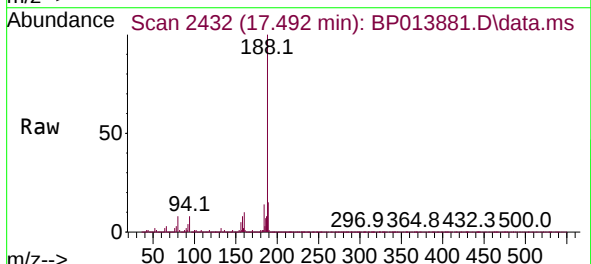
Manual Integrations  
APPROVED

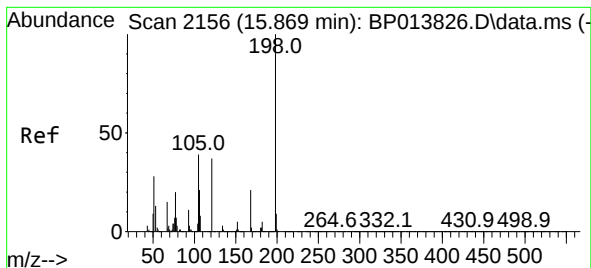
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:188 Resp: 576743  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.0 10.6  
80 8.5 7.8 11.8





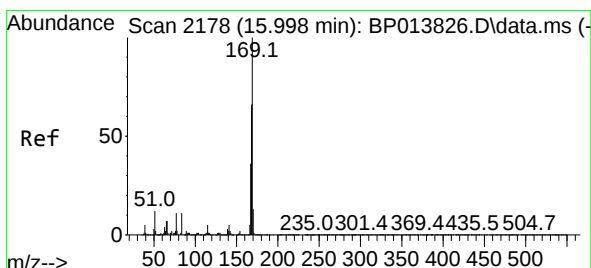
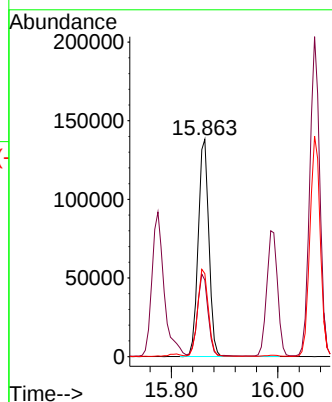
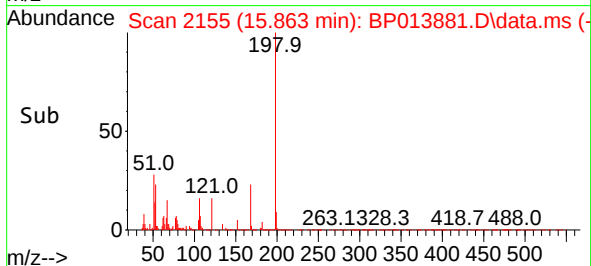
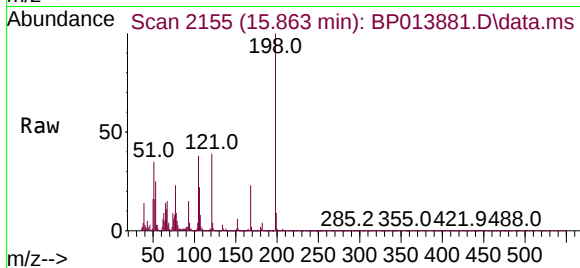
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.183 ng  
RT: 15.863 min Scan# 2156  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:198 Resp: 191561  
Ion Ratio Lower Upper  
198 100  
51 35.3 14.3 54.3  
105 38.2 20.5 60.5

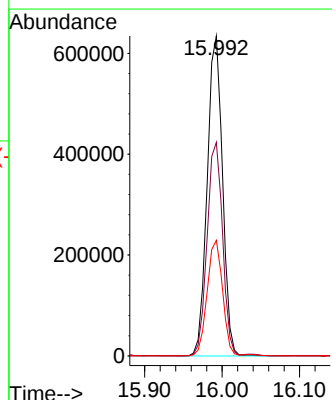
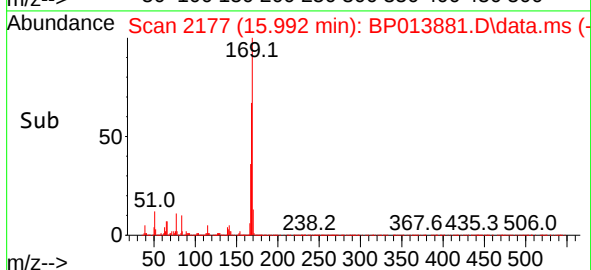
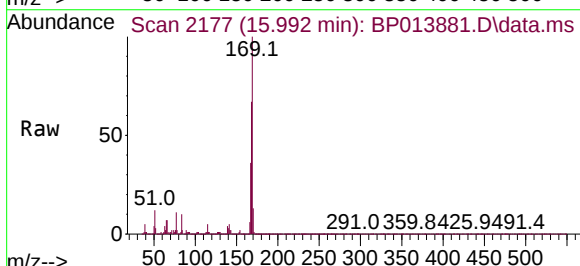
Manual Integrations  
APPROVED

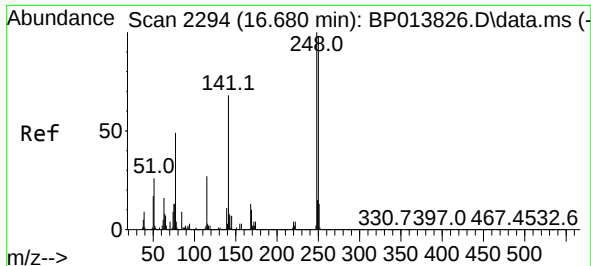
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#66  
n-Nitrosodiphenylamine  
Concen: 49.731 ng  
RT: 15.992 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:169 Resp: 868764  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.0 79.6  
167 36.1 29.0 43.4





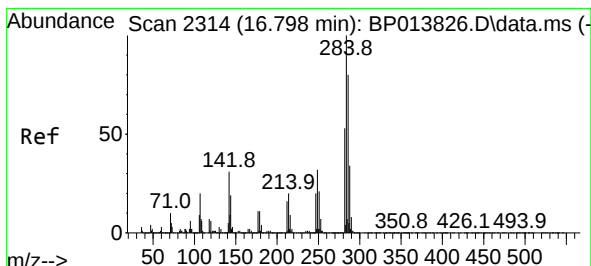
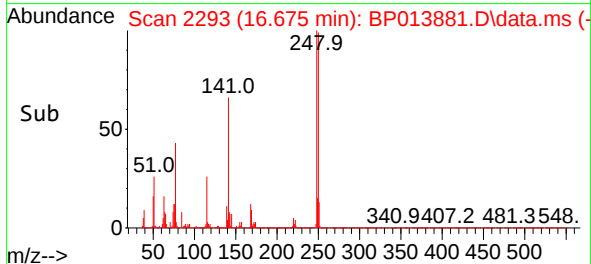
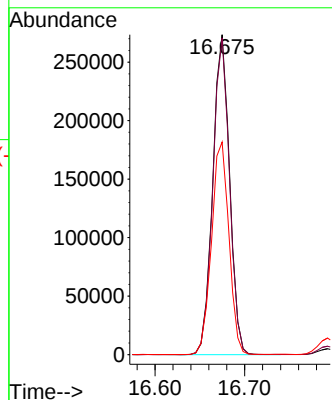
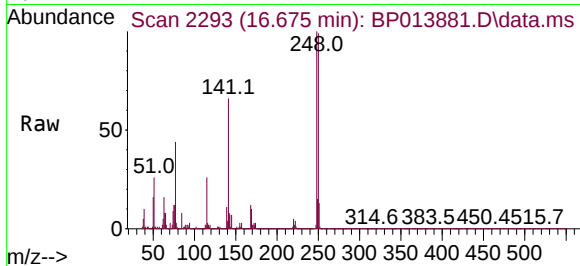
#67  
4-Bromophenyl-phenylether  
Concen: 52.341 ng  
RT: 16.675 min Scan# 2294  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:248 Resp: 356308  
Ion Ratio Lower Upper  
248 100  
250 99.0 78.1 117.1  
141 66.4 54.3 81.5

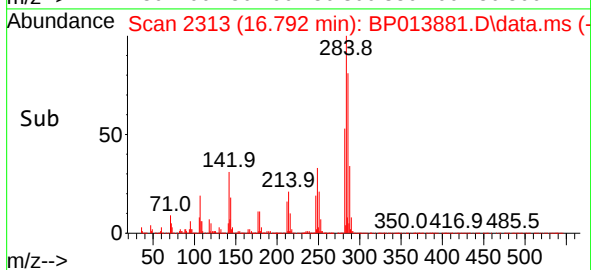
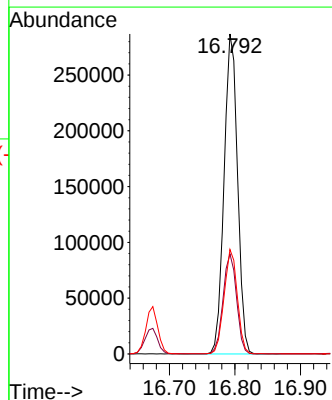
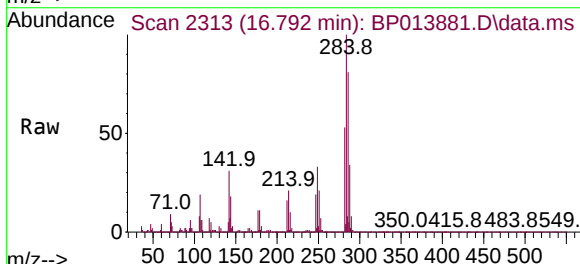
Manual Integrations  
APPROVED

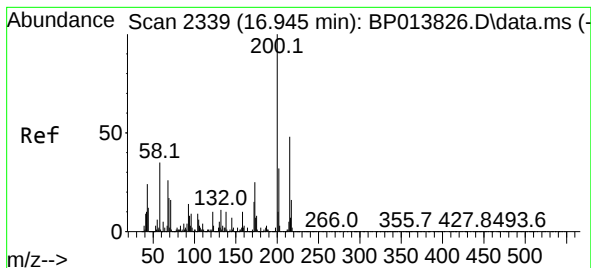
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#68  
Hexachlorobenzene  
Concen: 55.181 ng  
RT: 16.792 min Scan# 2313  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:284 Resp: 410044  
Ion Ratio Lower Upper  
284 100  
142 31.2 24.8 37.2  
249 32.6 25.8 38.6





#69

Atrazine

Concen: 57.884 ng

RT: 16.939 min Scan# 2338

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

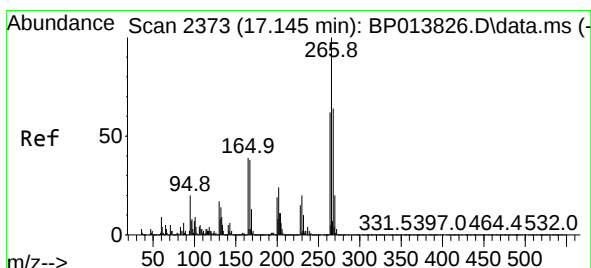
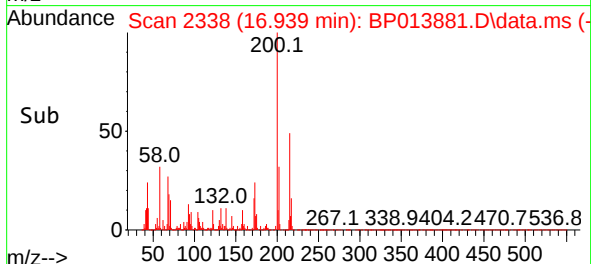
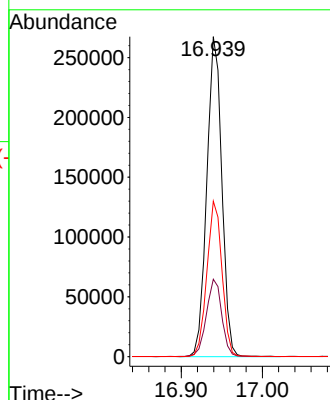
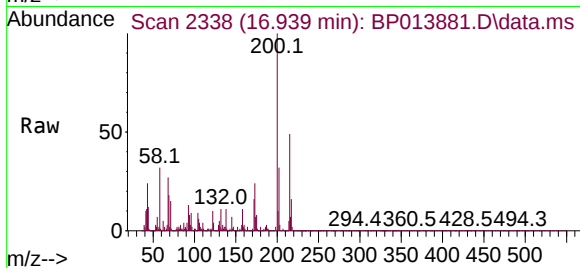
ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:200 Resp: 344766  
 Ion Ratio Lower Upper  
 200 100  
 173 24.2 5.2 45.2  
 215 48.6 28.4 68.4

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/24/2023  
 Supervised By :Jagrut Upadhyay 02/24/2023



#70

Pentachlorophenol

Concen: 101.320 ng

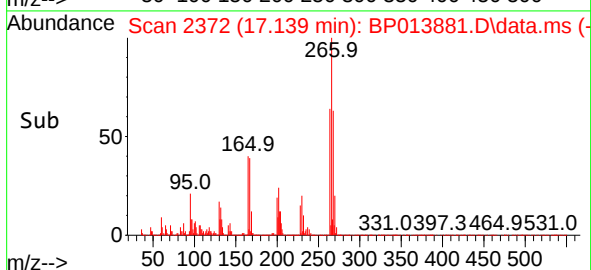
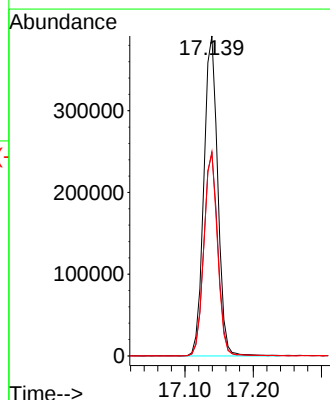
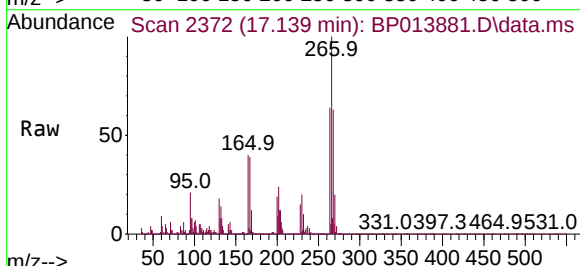
RT: 17.139 min Scan# 2372

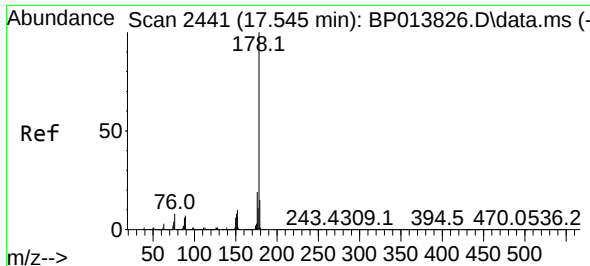
Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

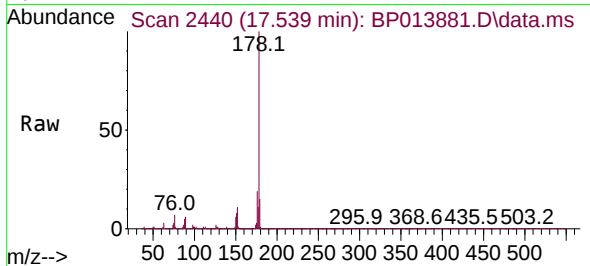
Tgt Ion:266 Resp: 555088  
 Ion Ratio Lower Upper  
 266 100  
 268 63.3 50.9 76.3  
 264 63.8 49.4 74.0





#71  
Phenanthrene  
Concen: 50.738 ng  
RT: 17.539 min Scan# 2441  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

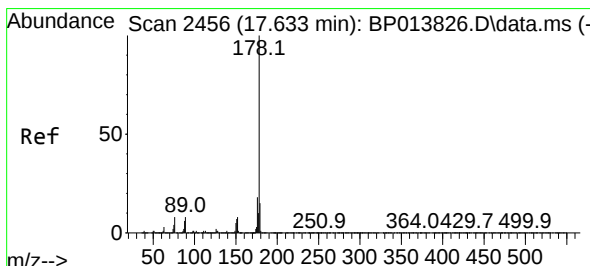
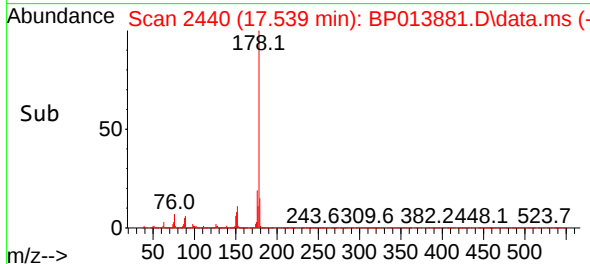
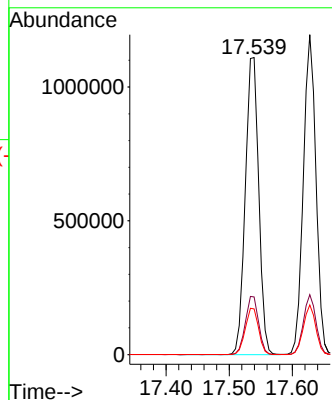
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:178 Resp: 163934  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.4 12.2 18.4

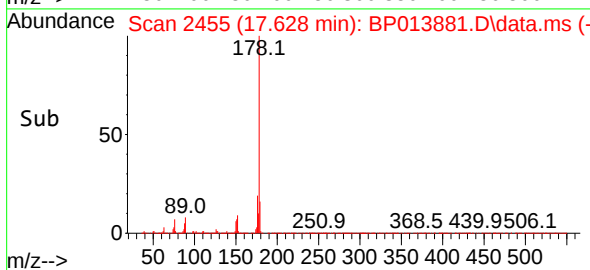
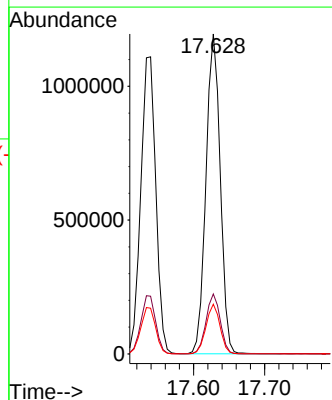
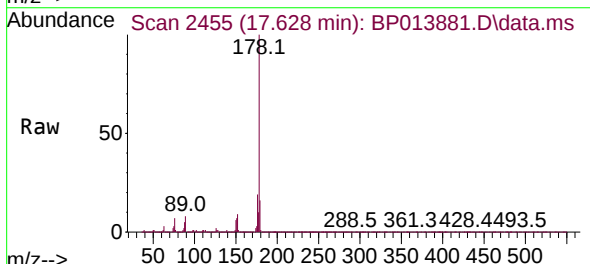
Manual Integrations  
APPROVED

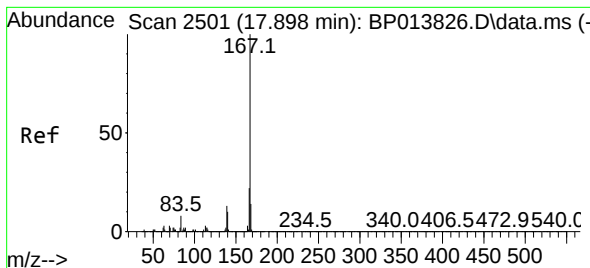
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#72  
Anthracene  
Concen: 51.382 ng  
RT: 17.628 min Scan# 2455  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

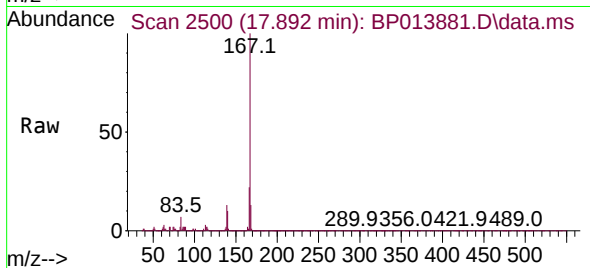
Tgt Ion:178 Resp: 1660012  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.5 12.4 18.6





#73  
 Carbazole  
 Concen: 51.751 ng  
 RT: 17.892 min Scan# 2500  
 Delta R.T. -0.000 min  
 Lab File: BP013881.D  
 Acq: 23 Feb 2023 15:52

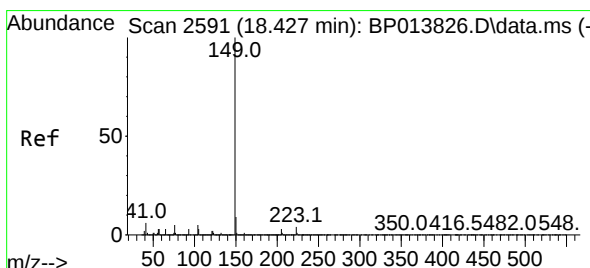
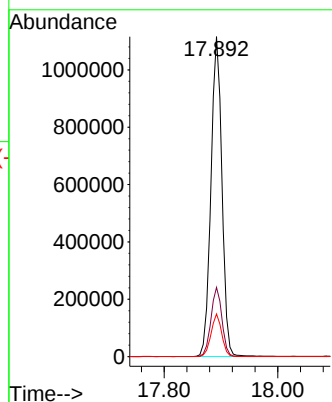
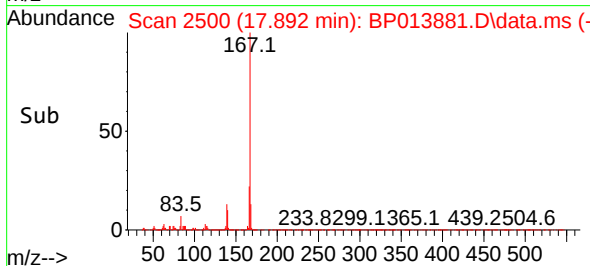
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WEIR-TANK-MUDMS



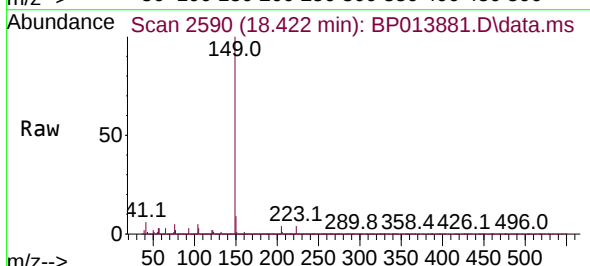
Tgt Ion:167 Resp: 150517  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.7 26.5  
 139 13.3 10.2 15.2

Manual Integrations  
 APPROVED

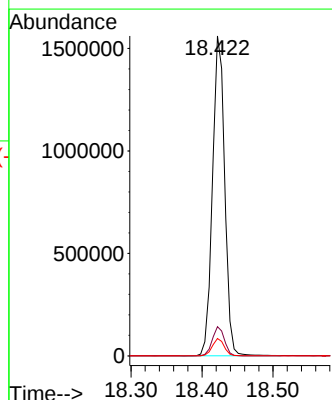
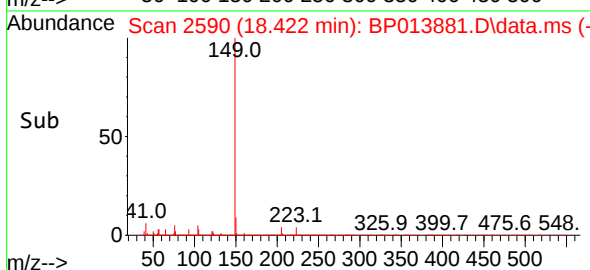
Reviewed By :Christian Giraldo 02/24/2023  
 Supervised By :Jagrut Upadhyay 02/24/2023

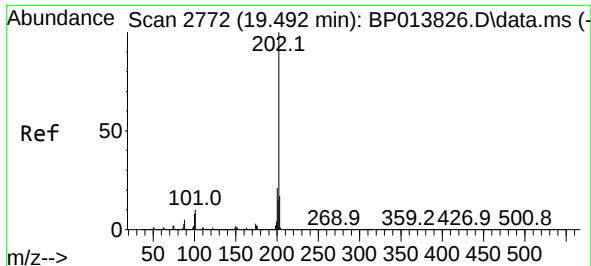


#74  
 Di-n-butylphthalate  
 Concen: 54.755 ng  
 RT: 18.422 min Scan# 2590  
 Delta R.T. -0.000 min  
 Lab File: BP013881.D  
 Acq: 23 Feb 2023 15:52



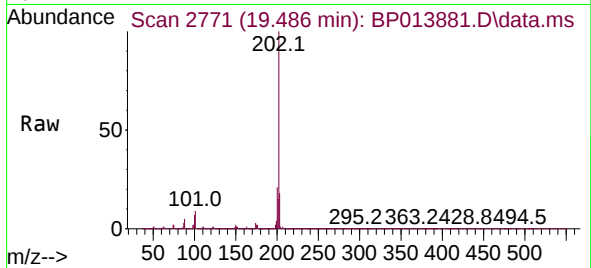
Tgt Ion:149 Resp: 1865891  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 5.4 4.1 6.1





#75  
Fluoranthene  
Concen: 50.945 ng  
RT: 19.486 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

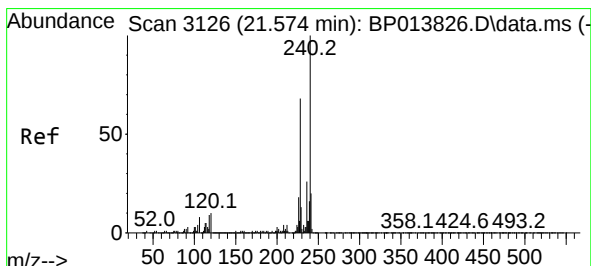
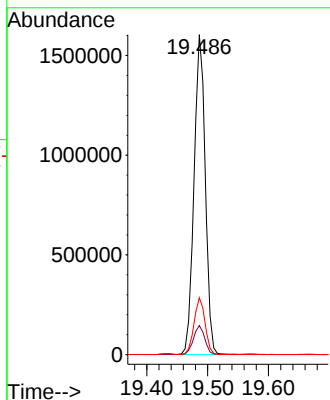
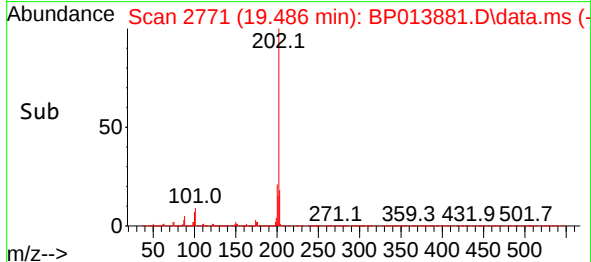
Instrument :  
BNA\_P  
Client Sample Id :  
WEIR-TANK-MUDMS



Tgt Ion: 202 Resp: 2051980  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 30.0  
203 17.8 0.0 37.5

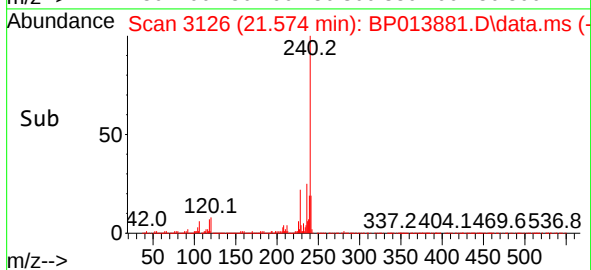
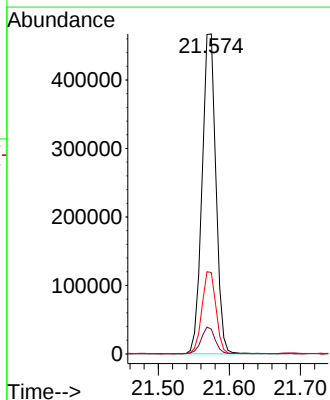
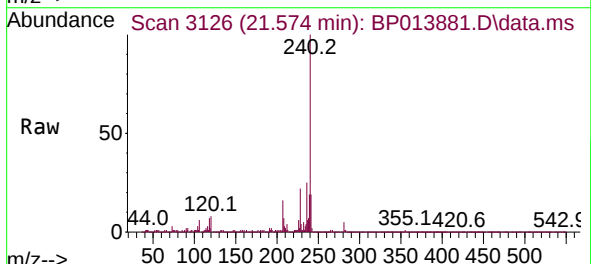
Manual Integrations  
APPROVED

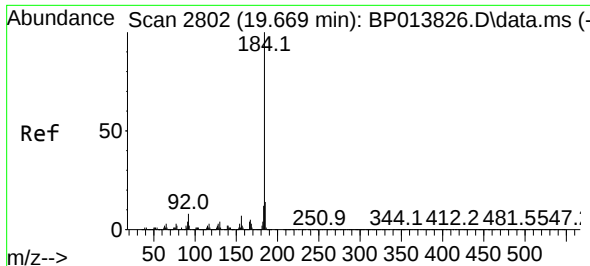
Reviewed By : Christian Giraldo 02/24/2023  
Supervised By : Jagrut Upadhyay 02/24/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 3126  
Delta R.T. 0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion: 240 Resp: 629158  
Ion Ratio Lower Upper  
240 100  
120 7.7 7.9 11.9#  
236 25.4 20.9 31.3





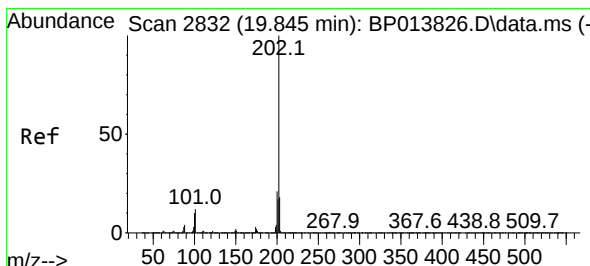
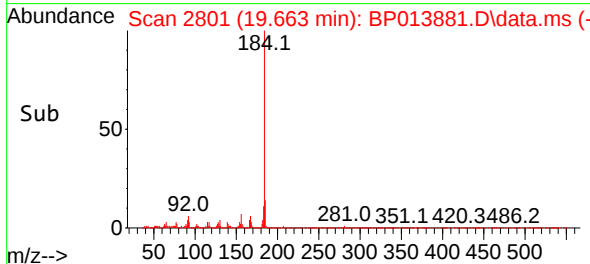
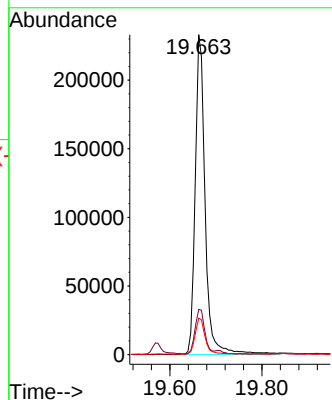
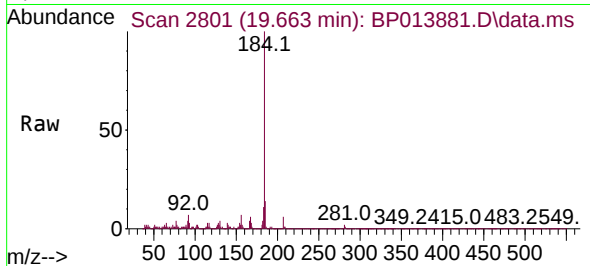
#77  
Benzidine  
Concen: 28.023 ng  
RT: 19.663 min Scan# 2801  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS

Tgt Ion:184 Resp: 347478  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.4 17.0  
183 11.4 9.6 14.4

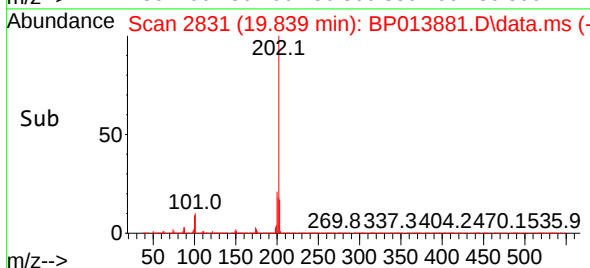
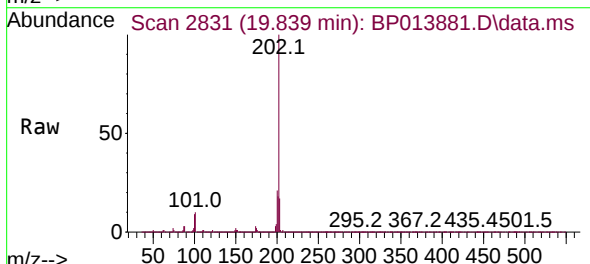
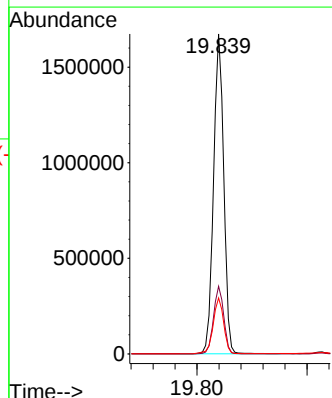
Manual Integrations  
APPROVED

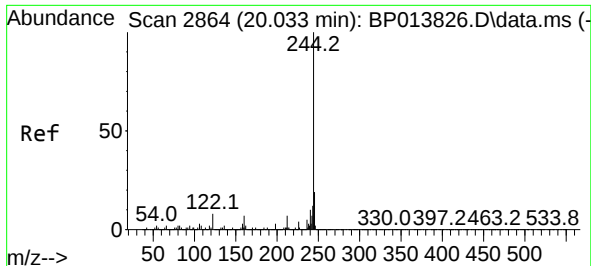
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#78  
Pyrene  
Concen: 50.185 ng  
RT: 19.839 min Scan# 2831  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

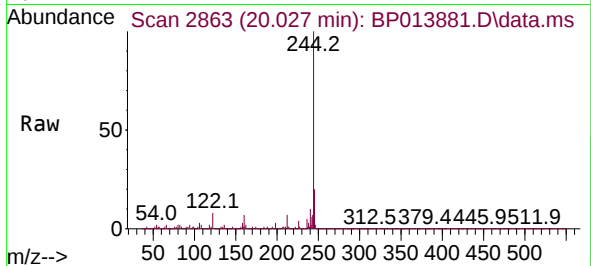
Tgt Ion:202 Resp: 2157690  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.5 14.2 21.2





#79  
Terphenyl-d14  
Concen: 105.921 ng  
RT: 20.027 min Scan# 2863  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

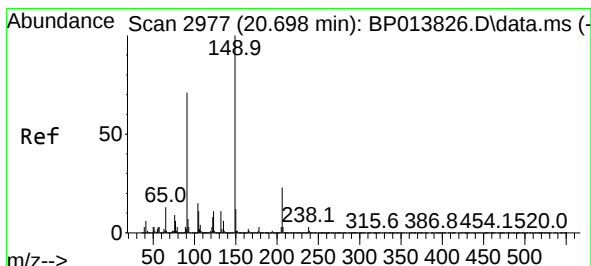
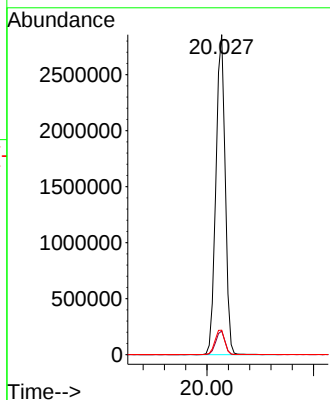
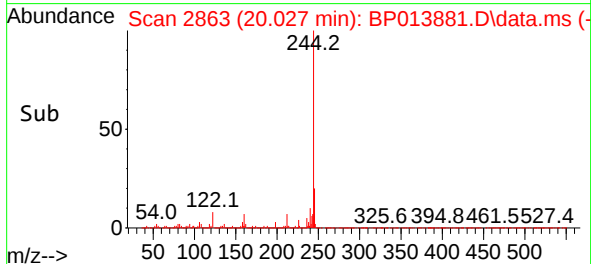
Instrument :  
BNA\_P  
Client Sample Id :  
WEIR-TANK-MUDMS



Tgt Ion:244 Resp: 3463700  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 7.6 6.7 10.1

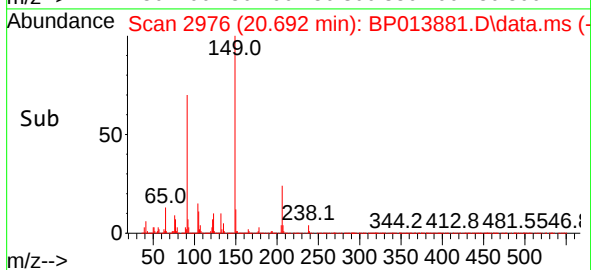
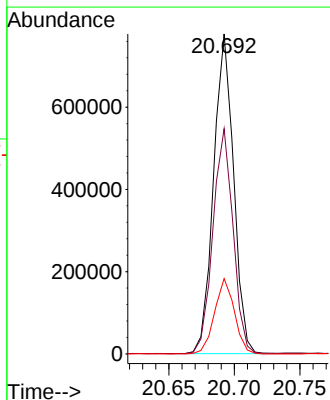
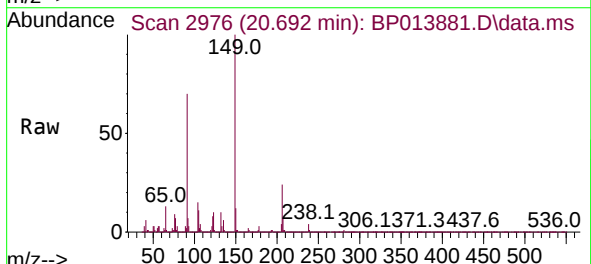
Manual Integrations  
APPROVED

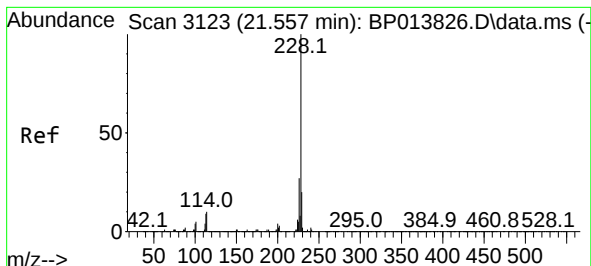
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#80  
Butylbenzylphthalate  
Concen: 54.047 ng  
RT: 20.692 min Scan# 2976  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:149 Resp: 825902  
Ion Ratio Lower Upper  
149 100  
91 70.4 56.8 85.2  
206 23.5 18.1 27.1





#81

Benzo(a)anthracene

Concen: 51.100 ng

RT: 21.551 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:228 Resp: 2302213

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

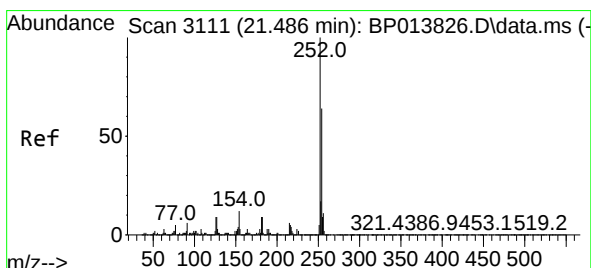
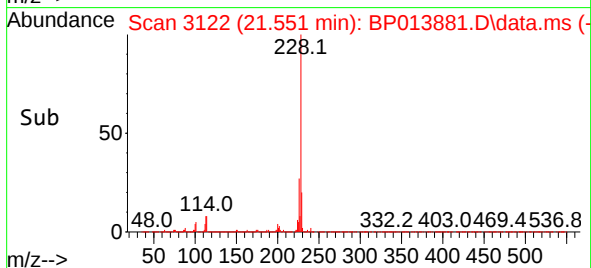
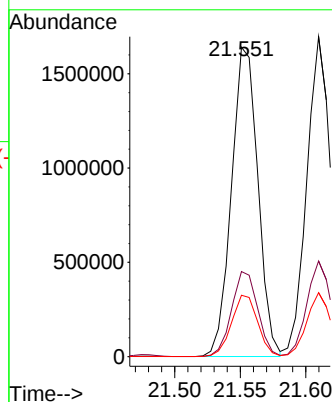
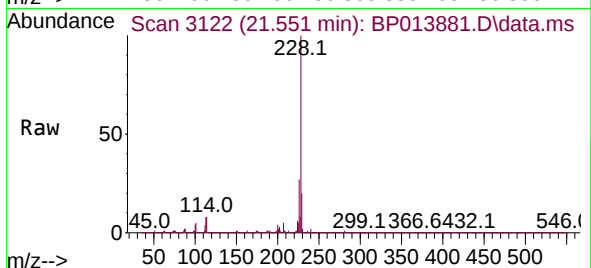
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 51.684 ng

RT: 21.474 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

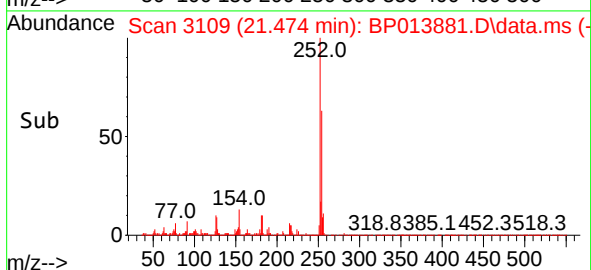
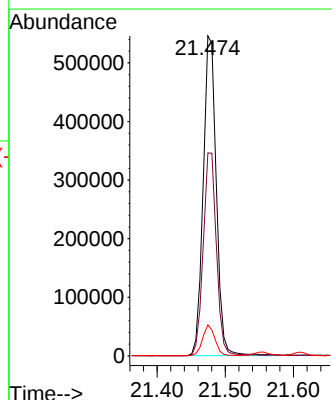
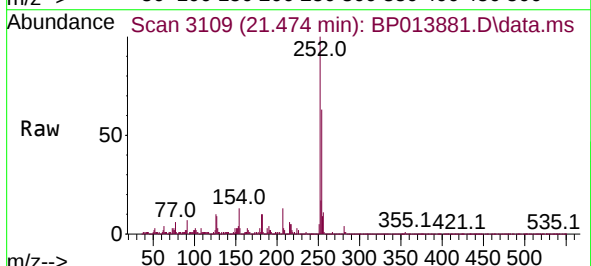
Tgt Ion:252 Resp: 732589

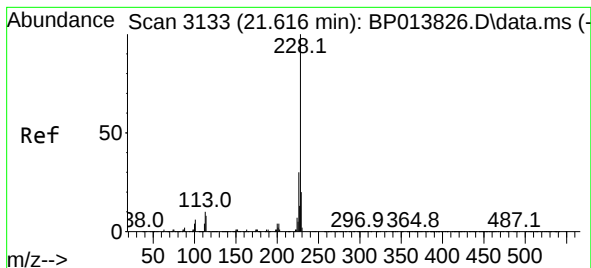
Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.0

126 9.7 7.4 11.0





#83

Chrysene

Concen: 49.422 ng

RT: 21.610 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:228 Resp: 2157039

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

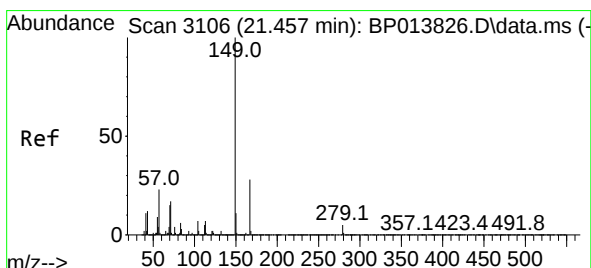
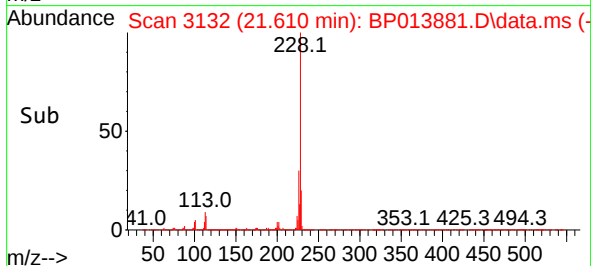
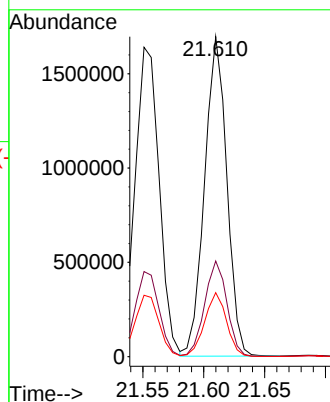
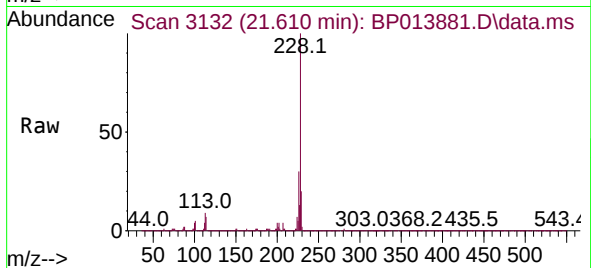
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.451 ng

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

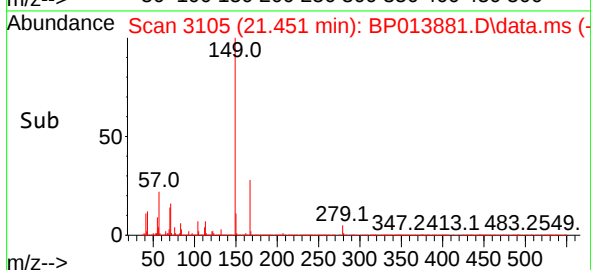
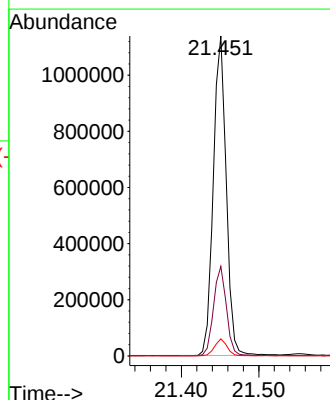
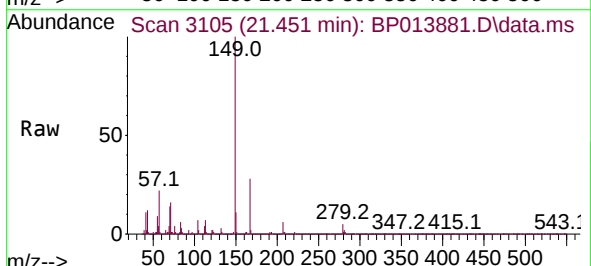
Tgt Ion:149 Resp: 1321098

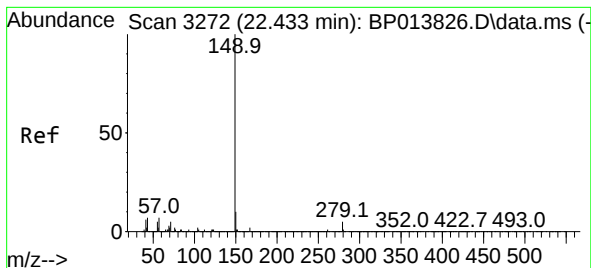
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.3 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 55.430 ng

RT: 22.421 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNA\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:149 Resp: 2353178

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

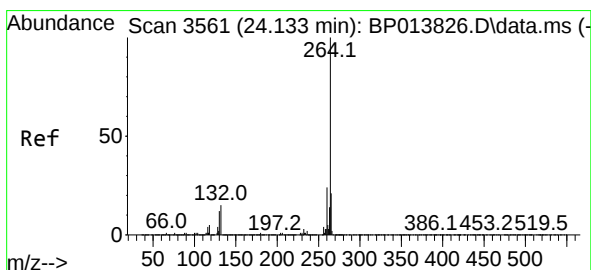
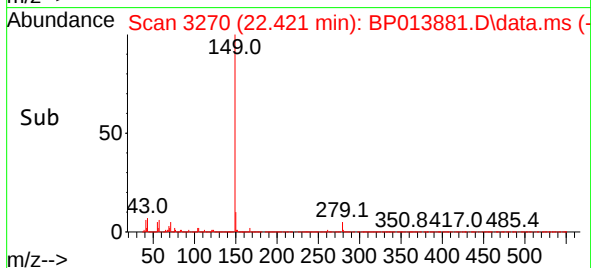
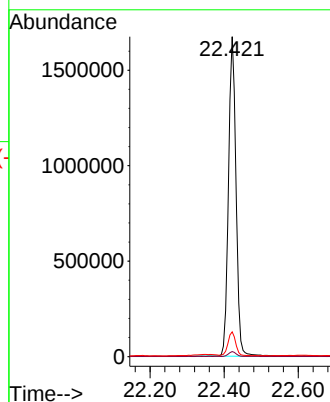
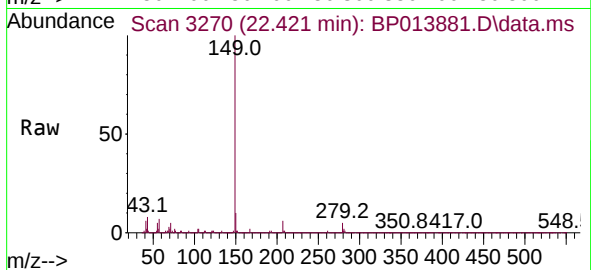
43 7.6 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.121 min Scan# 3559

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

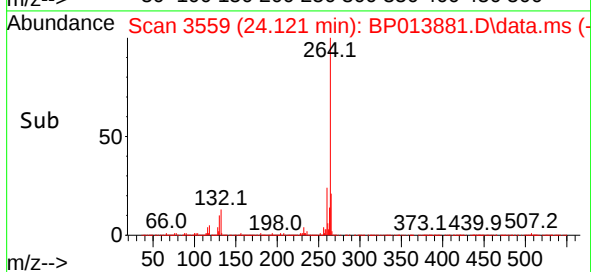
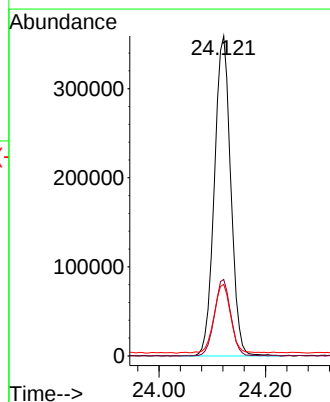
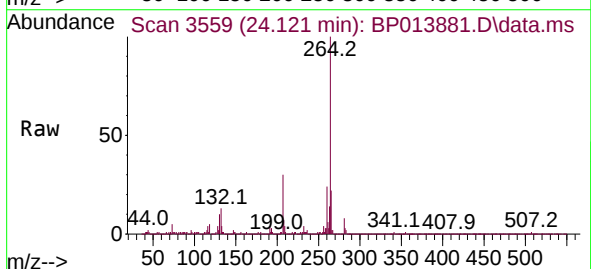
Tgt Ion:264 Resp: 765313

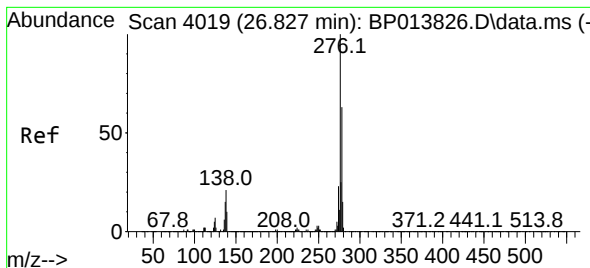
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.409 ng

RT: 26.815 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

Instrument :

BNP\_P

ClientSampleId :

WEIR-TANK-MUDMS

Tgt Ion:276 Resp: 3179712

Ion Ratio Lower Upper

276 100

138 19.3 17.8 26.8

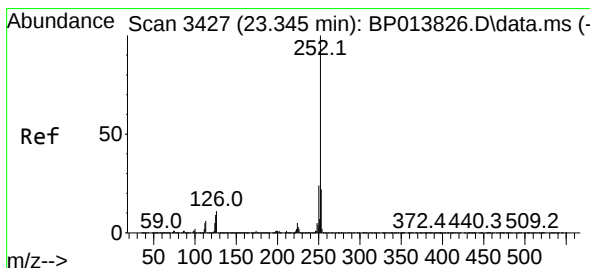
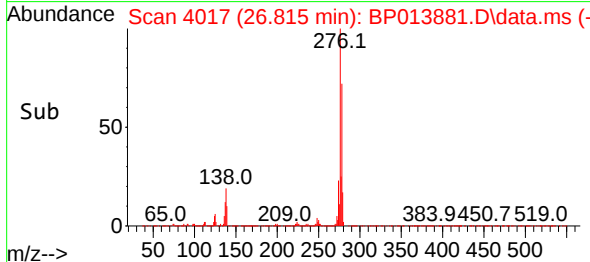
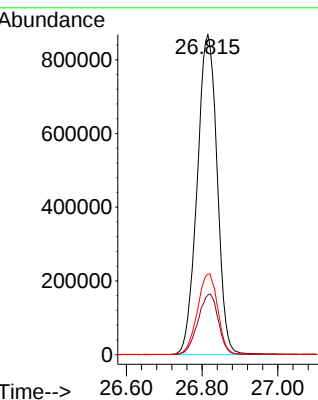
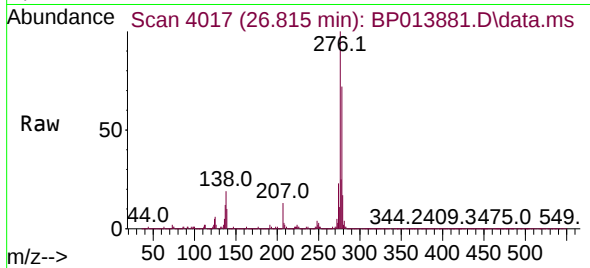
277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#88

Benzo(b)fluoranthene

Concen: 53.491 ng

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP013881.D

Acq: 23 Feb 2023 15:52

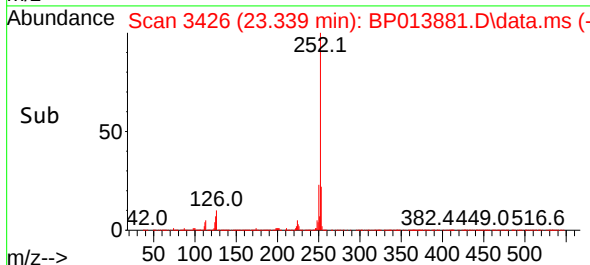
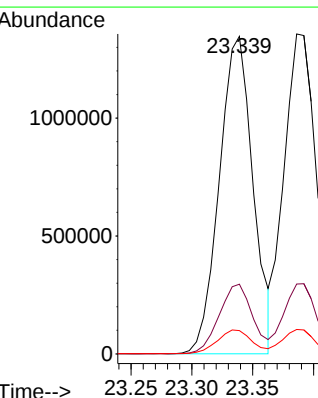
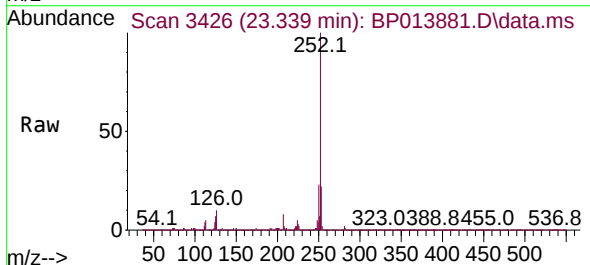
Tgt Ion:252 Resp: 2589062

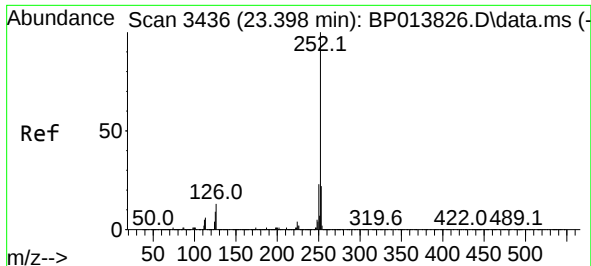
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

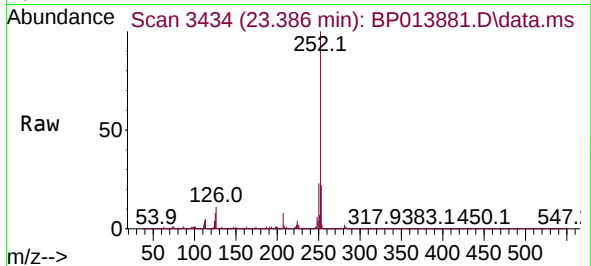
125 7.3 7.1 10.7





#89  
Benzo(k)fluoranthene  
Concen: 50.675 ng  
RT: 23.386 min Scan# 3436  
Delta R.T. -0.006 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

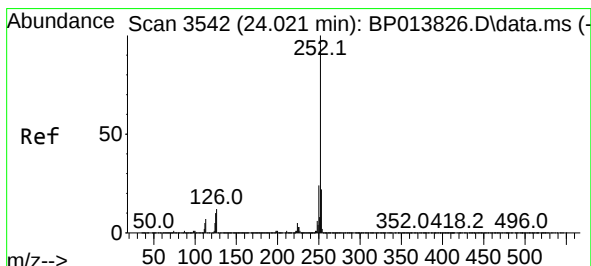
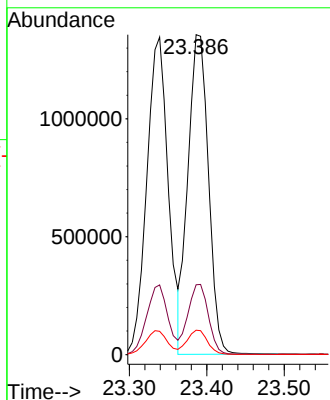
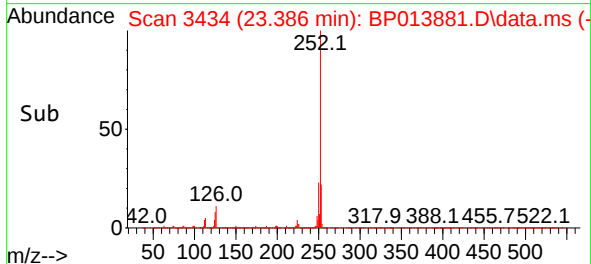
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:252 Resp: 248976  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 7.7 7.0 10.4

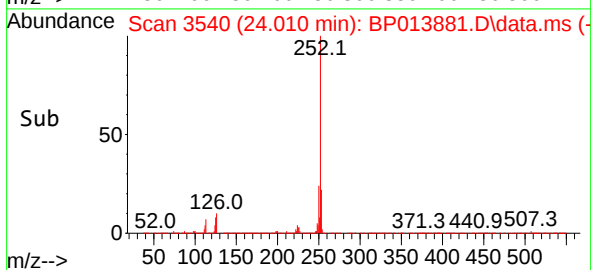
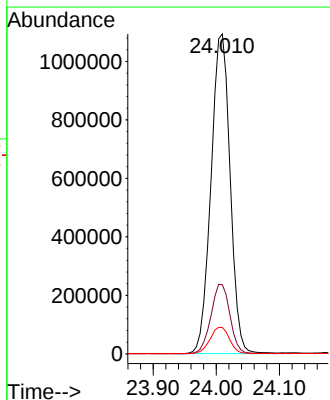
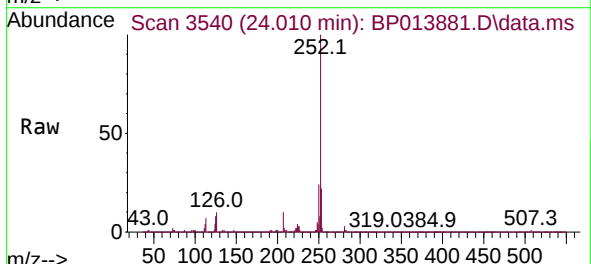
Manual Integrations  
APPROVED

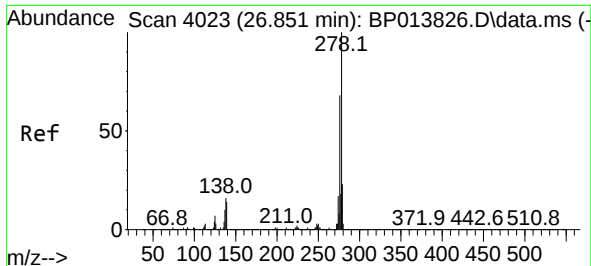
Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#90  
Benzo(a)pyrene  
Concen: 49.208 ng  
RT: 24.010 min Scan# 3540  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

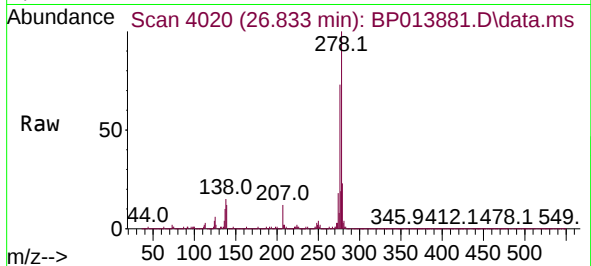
Tgt Ion:252 Resp: 2302639  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 8.2 7.7 11.5





#91  
Dibenzo(a,h)anthracene  
Concen: 53.213 ng  
RT: 26.833 min Scan# 4023  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

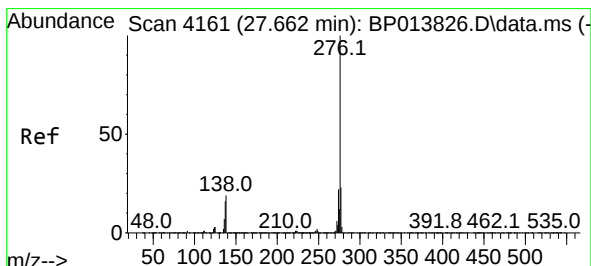
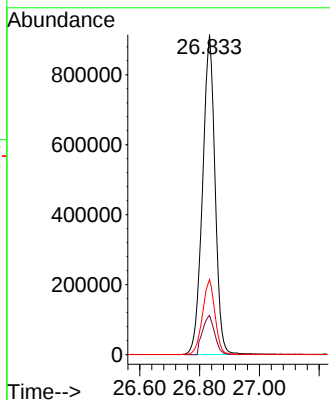
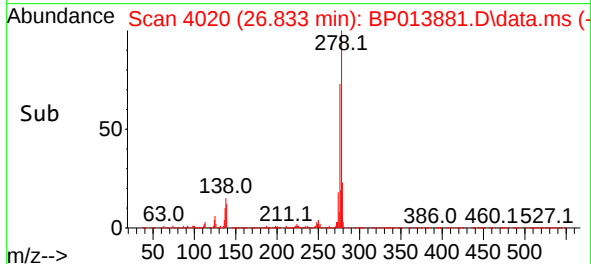
Instrument :  
BNA\_P  
ClientSampleId :  
WEIR-TANK-MUDMS



Tgt Ion:278 Resp: 2654295  
Ion Ratio Lower Upper  
278 100  
139 12.3 11.0 16.6  
279 23.4 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/24/2023  
Supervised By :Jagrut Upadhyay 02/24/2023



#92  
Benzo(g,h,i)perylene  
Concen: 53.028 ng  
RT: 27.645 min Scan# 4158  
Delta R.T. -0.000 min  
Lab File: BP013881.D  
Acq: 23 Feb 2023 15:52

Tgt Ion:276 Resp: 2615493  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.7 28.1  
138 16.3 15.5 23.3

