

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031422\  
 Data File : BP009384.D  
 Acq On : 14 Mar 2022 16:19  
 Operator : CG/JU  
 Sample : N1888-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SS-2(PILE-2)MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022  
 Supervised By : mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:00:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 331292   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 1206017  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 685925   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.216 | 188  | 1354465  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.327 | 240  | 1300958  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.733 | 264  | 1620903  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1880690  | 82.864  | ng    | 0.01     |
| 7) Phenol-d6                  | 7.010  | 99   | 2315483  | 80.281  | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 1456130  | 66.501  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 956996   | 115.543 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.075 | 172  | 2778636  | 55.709  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.792 | 244  | 3385598  | 49.110  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 331036   | 34.265  | ng    | 97       |
| 3) Pyridine                   | 3.740  | 79   | 900396   | 43.728  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 356173   | 41.476  | ng    | 98       |
| 6) Aniline                    | 7.146  | 93   | 815199   | 22.314  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.387  | 128  | 964553   | 41.489  | ng    | 97       |
| 9) Benzaldehyde               | 6.957  | 77   | 550811m  | 29.974  | ng    |          |
| 10) Phenol                    | 7.040  | 94   | 1208311  | 40.457  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.240  | 93   | 879524   | 38.052  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.705  | 146  | 1092193  | 39.875  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.852  | 146  | 1110750  | 39.968  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.163  | 146  | 1052619  | 39.631  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.063  | 79   | 818203   | 40.226  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352  | 45   | 950743   | 31.689  | ng    | 95       |
| 17) 2-Methylphenol            | 8.281  | 107  | 758070   | 39.211  | ng    | 99       |
| 18) Hexachloroethane          | 8.893  | 117  | 387336   | 40.046  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 653493   | 37.568  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 1010595  | 39.005  | ng    | 98       |
| 22) Acetophenone              | 8.634  | 105  | 1326305  | 41.140  | ng    | 99       |
| 24) Nitrobenzene              | 9.010  | 77   | 989153   | 42.626  | ng    | 97       |
| 25) Isophorone                | 9.540  | 82   | 1777505  | 43.399  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.722  | 139  | 500947   | 55.726  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 822010   | 41.575  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93   | 1081823  | 40.362  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.269 | 162  | 851642   | 44.660  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.475 | 180  | 980596   | 43.935  | ng    | 100      |
| 31) Naphthalene               | 10.657 | 128  | 2757628  | 41.289  | ng    | 100      |
| 32) Benzoic acid              | 9.975  | 122  | 585527   | 58.309  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.775 | 127  | 251089   | 9.195   | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 643478   | 47.342  | ng    | 99       |
| 35) Caprolactam               | 11.569 | 113  | 255420   | 45.505  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.928 | 107  | 857764   | 43.090  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.275 | 142  | 1849331  | 38.972  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.492 | 142  | 1772356  | 40.555  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.645 | 216  | 1072136  | 46.382  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.628 | 237  | 1191214  | 81.365  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.892 | 196  | 689479   | 49.677  | ng    | 98       |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 SS-2(PILE-2)MS

Manual Integrations  
 APPROVED

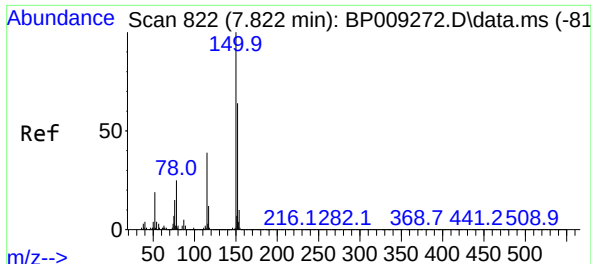
Reviewed By : Christian Giraldo 03/15/2022  
 Supervised By : mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:00:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.975 | 196  | 734652   | 48.257  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.287 | 154  | 2374949  | 42.408  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.328 | 162  | 1856320  | 43.762  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.534 | 65   | 496615   | 50.918  | ng    | 94       |
| 49) Acenaphthylene            | 14.175 | 152  | 2954619  | 45.080  | ng    | 100      |
| 50) Dimethylphthalate         | 13.916 | 163  | 2186052  | 43.210  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.028 | 165  | 489429   | 48.989  | ng    | 97       |
| 52) Acenaphthene              | 14.522 | 154  | 2000198m | 47.618  | ng    |          |
| 53) 3-Nitroaniline            | 14.363 | 138  | 326610   | 30.776  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.569 | 184  | 554629   | 129.650 | ng    | 95       |
| 55) Dibenzofuran              | 14.857 | 168  | 2689411  | 42.266  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.704 | 139  | 839321   | 95.100  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 657870   | 51.428  | ng    | 94       |
| 58) Fluorene                  | 15.510 | 166  | 2106019  | 42.265  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 620838   | 48.433  | ng    | 94       |
| 60) Diethylphthalate          | 15.286 | 149  | 2161908  | 43.891  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 1120517  | 44.147  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 457271   | 44.434  | ng    | 99       |
| 63) Azobenzene                | 15.798 | 77   | 1929774  | 39.878  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 357834   | 60.063  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.722 | 169  | 1840784  | 43.295  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 729539   | 49.923  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.522 | 284  | 835043   | 48.719  | ng    | 96       |
| 69) Atrazine                  | 16.686 | 200  | 669589   | 44.738  | ng    | 99       |
| 70) Pentachlorophenol         | 16.875 | 266  | 999250   | 96.862  | ng    | 99       |
| 71) Phenanthrene              | 17.257 | 178  | 3315335  | 42.591  | ng    | 99       |
| 72) Anthracene                | 17.351 | 178  | 3237230  | 41.781  | ng    | 100      |
| 73) Carbazole                 | 17.628 | 167  | 2927799  | 41.471  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.186 | 149  | 3625293  | 46.395  | ng    | 99       |
| 75) Fluoranthene              | 19.233 | 202  | 3873155  | 43.108  | ng    | 98       |
| 77) Benzidine                 | 19.416 | 184  | 583224   | 12.844  | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 3960220  | 45.086  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.474 | 149  | 1550725  | 48.912  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.310 | 228  | 3878142  | 43.981  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.245 | 252  | 1153347  | 35.632  | ng    | 96       |
| 83) Chrysene                  | 21.363 | 228  | 3636900  | 42.481  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 2197055  | 43.329  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.174 | 149  | 3832368  | 46.163  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.245 | 276  | 5817665  | 46.195  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 23.004 | 252  | 4645327  | 42.446  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.051 | 252  | 4104278m | 39.255  | ng    |          |
| 90) Benzo(a)pyrene            | 23.627 | 252  | 4472159  | 43.085  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.262 | 278  | 5044759  | 47.242  | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 27.015 | 276  | 5136004  | 48.685  | ng #  | 95       |

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





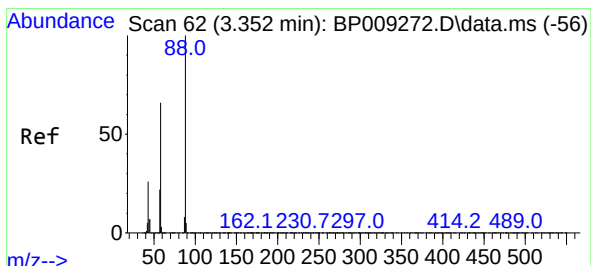
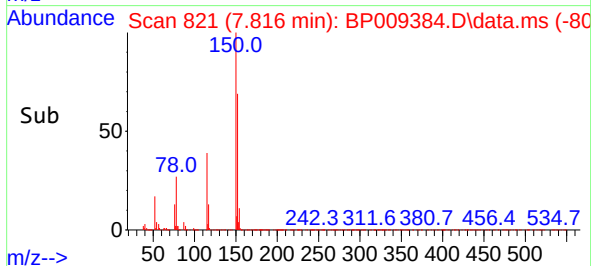
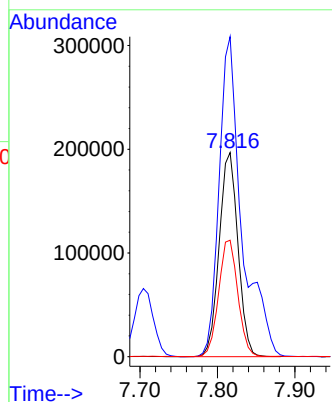
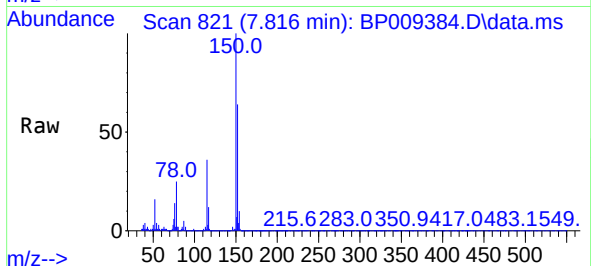
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.816 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:152 Resp: 33129  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.5 186.7  
115 57.0 48.2 72.4

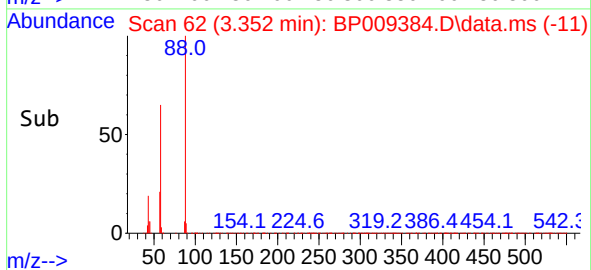
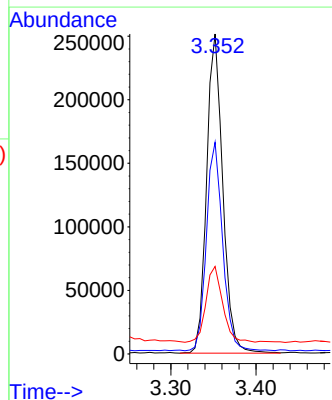
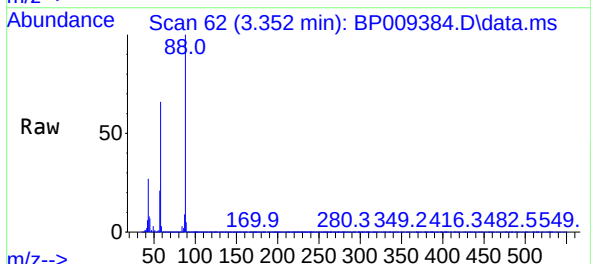
Manual Integrations  
APPROVED

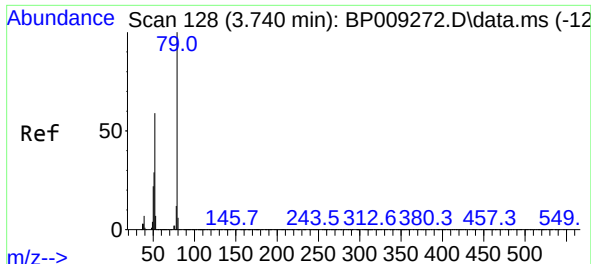
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#2  
1,4-Dioxane  
Concen: 34.265 ng  
RT: 3.352 min Scan# 62  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

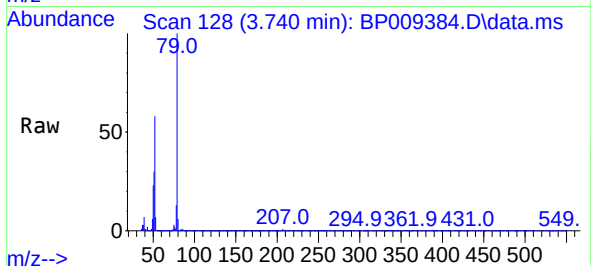
Tgt Ion: 88 Resp: 331036  
Ion Ratio Lower Upper  
88 100  
58 65.6 54.2 81.2  
43 24.4 20.4 30.6





#3  
Pyridine  
Concen: 43.728 ng  
RT: 3.740 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

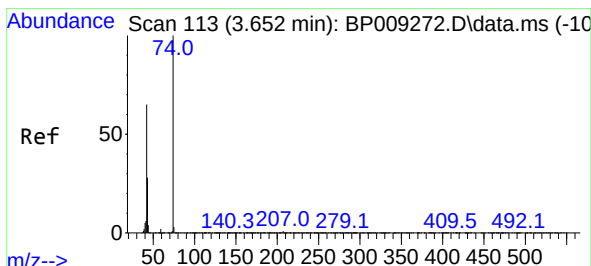
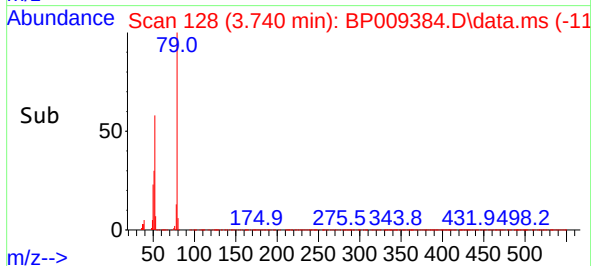
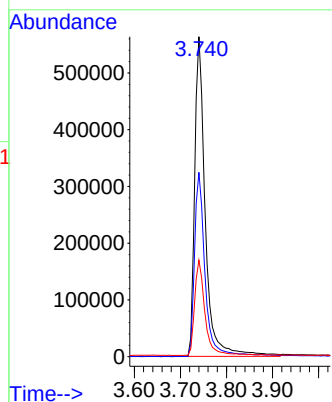
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



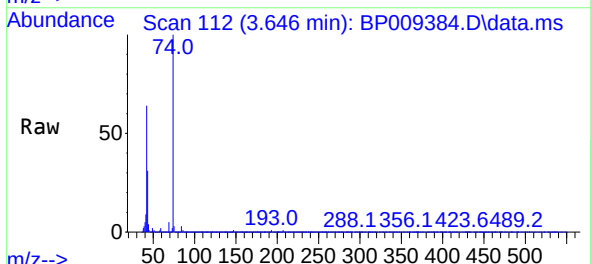
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Ion Ratio Lower Upper  
79 100  
52 57.6 47.5 71.3  
51 30.2 24.1 36.1

Manual Integrations  
APPROVED

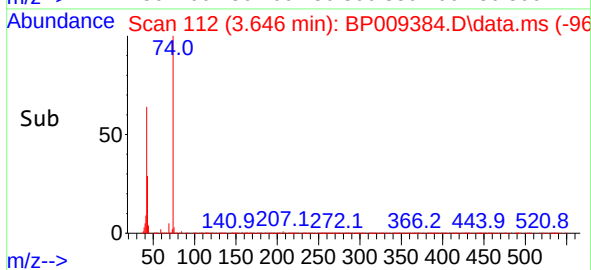
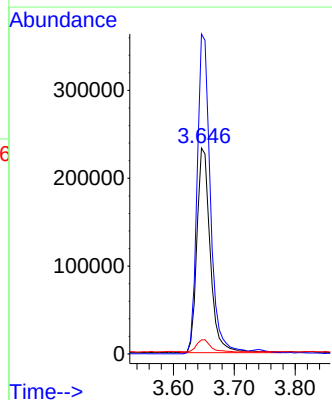
Reviewed By :Christian Giraldo 03/15/2022  
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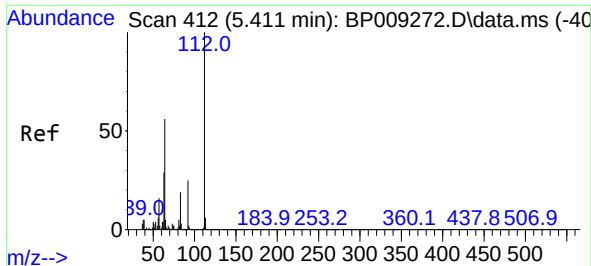


#4  
n-Nitrosodimethylamine  
Concen: 41.476 ng  
RT: 3.646 min Scan# 112  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



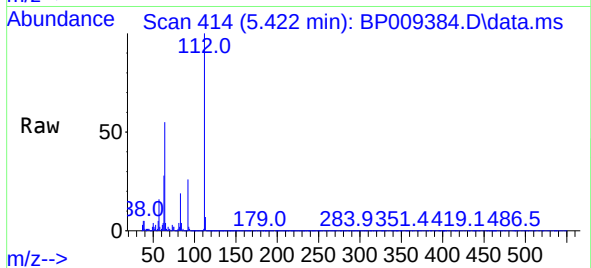
Tgt Ion: 42 Resp: 356173  
Ion Ratio Lower Upper  
42 100  
74 155.4 122.1 183.1  
44 6.8 5.8 8.8





#5  
2-Fluorophenol  
Concen: 82.864 ng  
RT: 5.422 min Scan# 412  
Delta R.T. 0.011 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

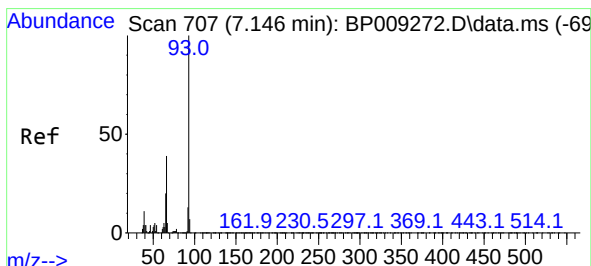
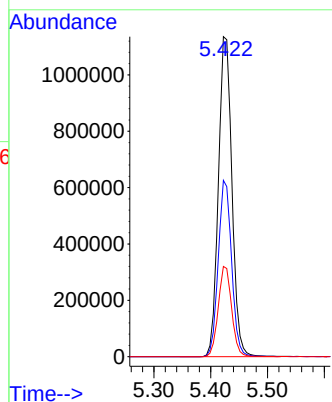
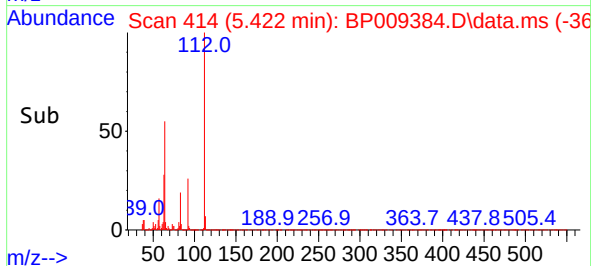
Instrument :  
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ClientSampleId :  
SS-2(PILE-2)MS



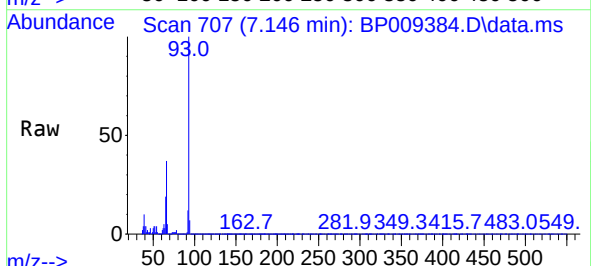
Tgt Ion:112 Resp: 1880690  
Ion Ratio Lower Upper  
112 100  
64 55.1 45.0 67.4  
63 28.2 23.0 34.6

Manual Integrations  
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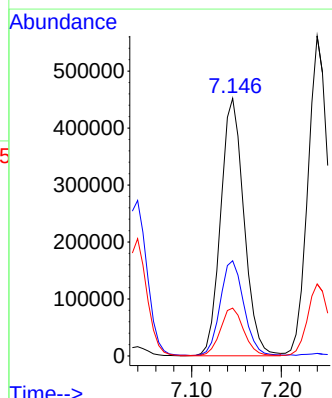
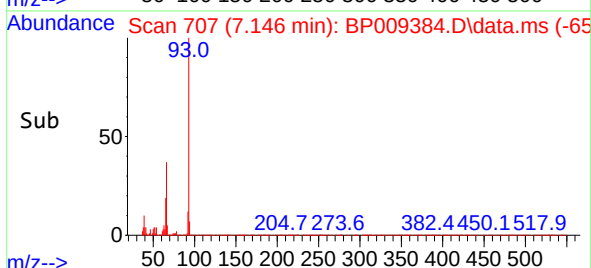
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

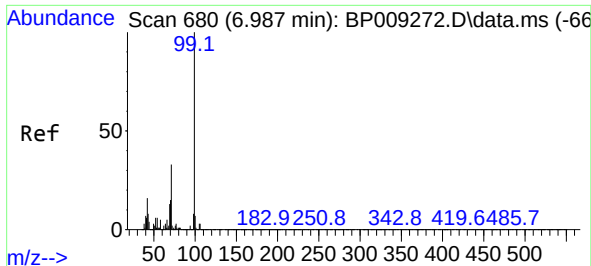


#6  
Aniline  
Concen: 22.314 ng  
RT: 7.146 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion: 93 Resp: 815199  
Ion Ratio Lower Upper  
93 100  
66 36.9 30.9 46.3  
65 18.6 15.8 23.8





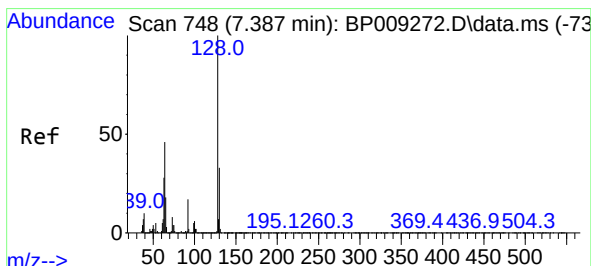
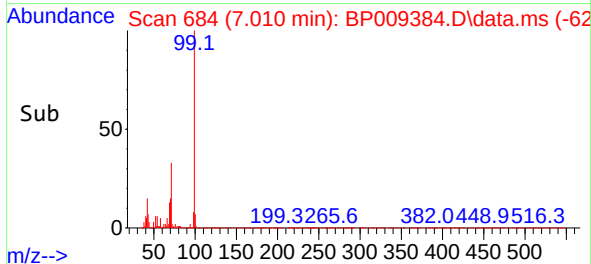
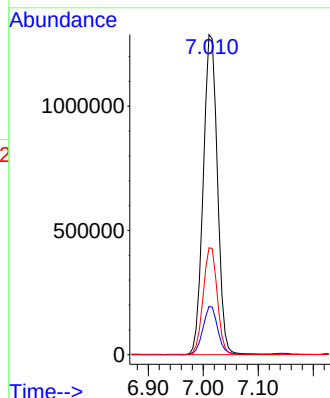
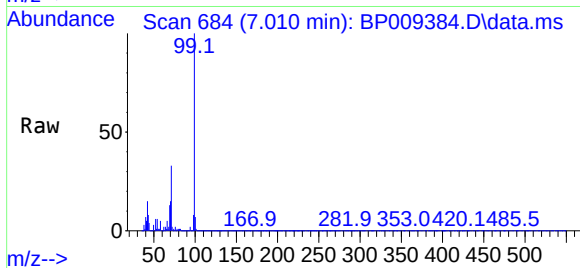
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Phenol-d6  
Concen: 80.281 ng  
RT: 7.010 min Scan# 680  
Delta R.T. 0.023 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion: 99 Resp: 231548  
Ion Ratio Lower Upper  
99 100  
42 15.1 12.8 19.2  
71 33.4 26.3 39.5

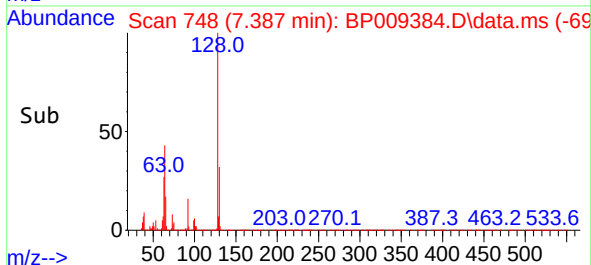
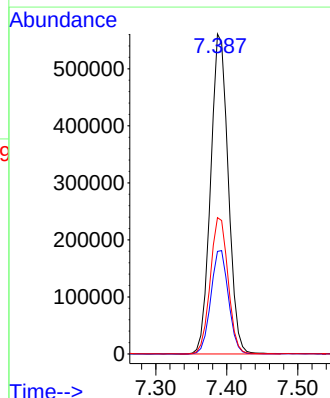
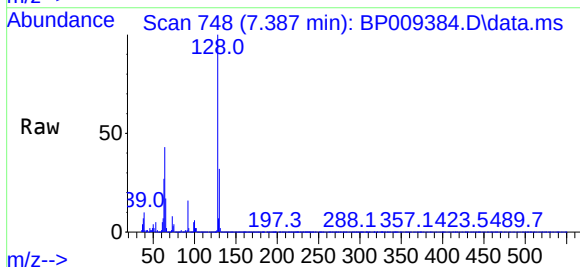
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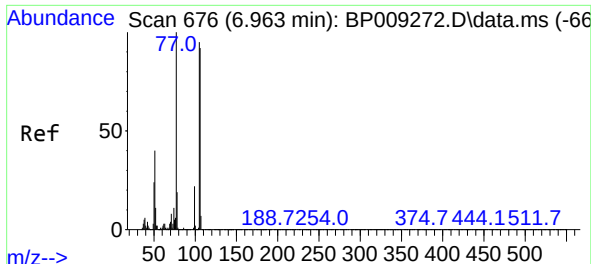
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#8  
2-Chlorophenol  
Concen: 41.489 ng  
RT: 7.387 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:128 Resp: 964553  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.5 52.5  
64 42.6 26.2 66.2





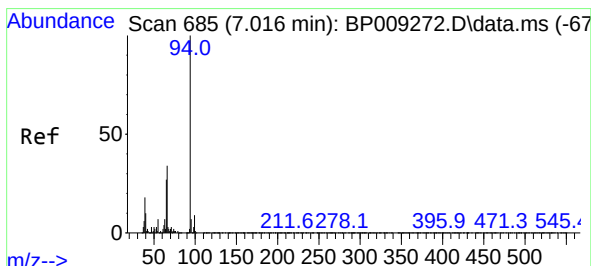
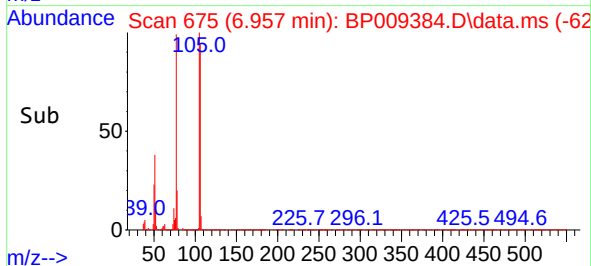
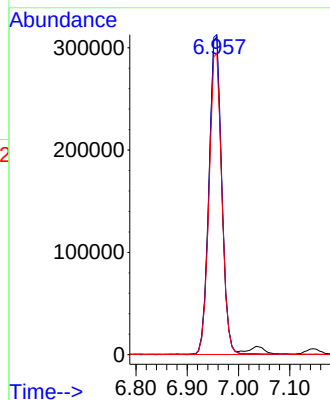
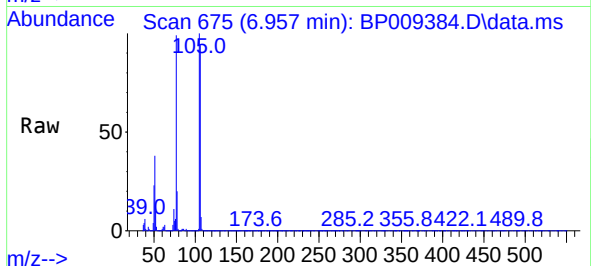
#9  
Benzaldehyde  
Concen: 29.974 ng m  
RT: 6.957 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion: 77 Resp: 55081  
Ion Ratio Lower Upper  
77 100  
105 100.6 75.2 115.2  
106 94.7 72.3 112.3

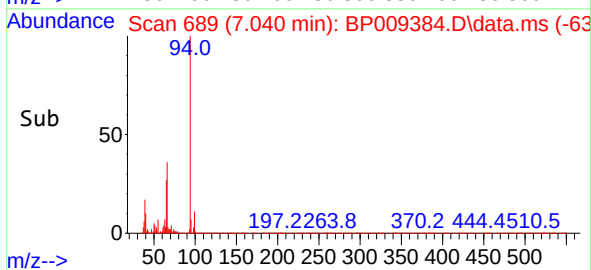
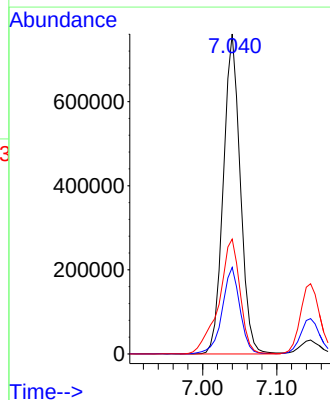
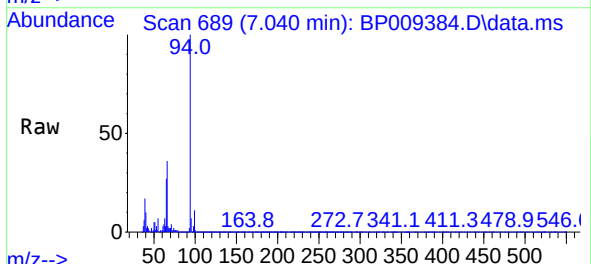
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

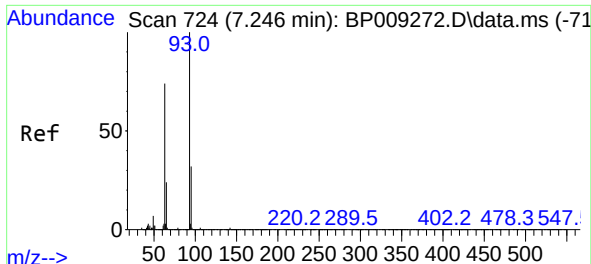


#10  
Phenol  
Concen: 40.457 ng  
RT: 7.040 min Scan# 689  
Delta R.T. 0.023 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion: 94 Resp: 1208311  
Ion Ratio Lower Upper  
94 100  
65 27.1 7.2 47.2  
66 35.9 14.3 54.3

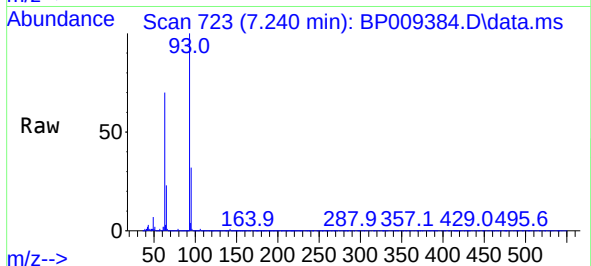






#11  
bis(2-Chloroethyl)ether  
Concen: 38.052 ng  
RT: 7.240 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

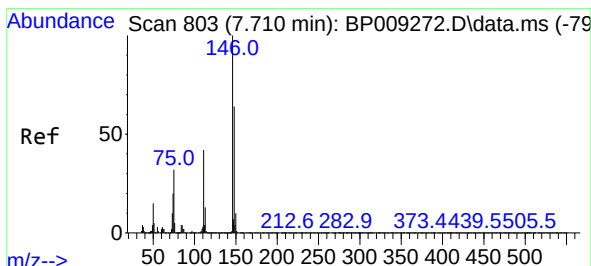
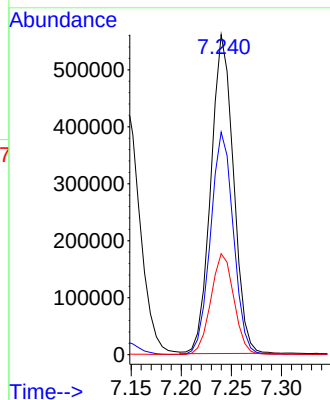
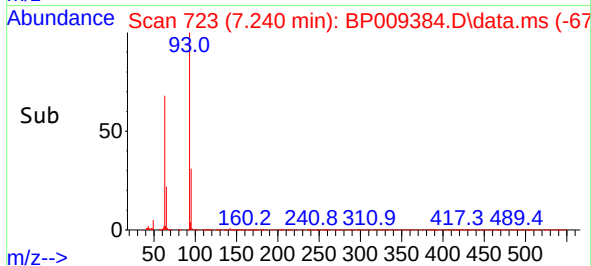
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



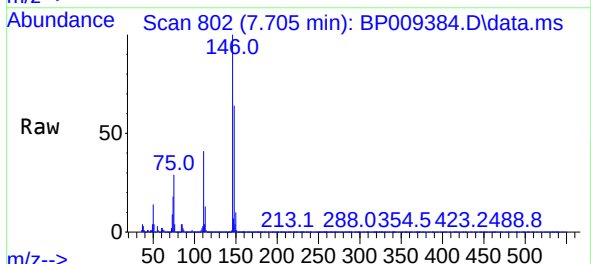
Tgt Ion: 93 Resp: 879524  
Ion Ratio Lower Upper  
93 100  
63 69.6 53.5 93.5  
95 31.5 12.0 52.0

Manual Integrations  
APPROVED

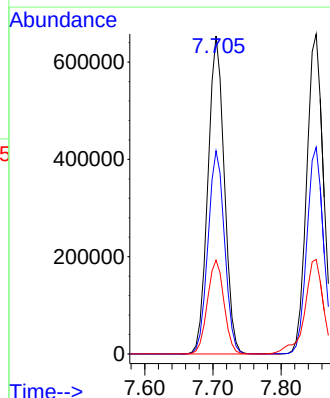
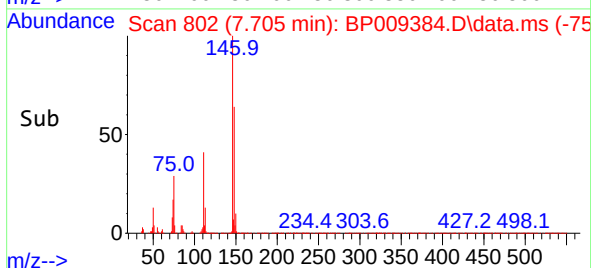
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

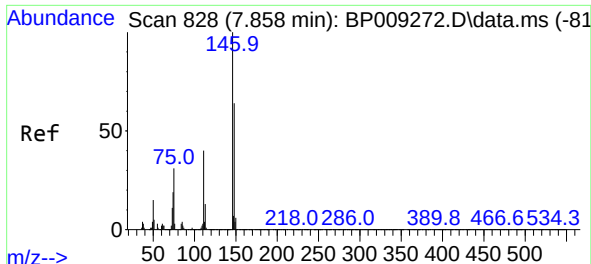


#12  
1,3-Dichlorobenzene  
Concen: 39.875 ng  
RT: 7.705 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



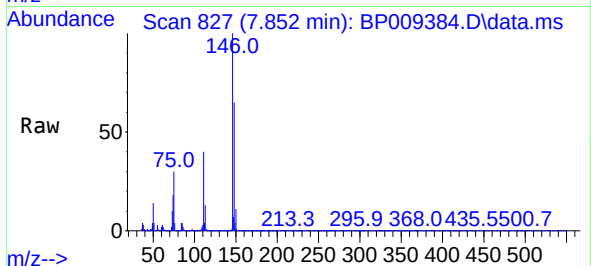
Tgt Ion:146 Resp: 1092193  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.4 77.0  
75 29.5 25.3 37.9





#13  
1,4-Dichlorobenzene  
Concen: 39.968 ng  
RT: 7.852 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

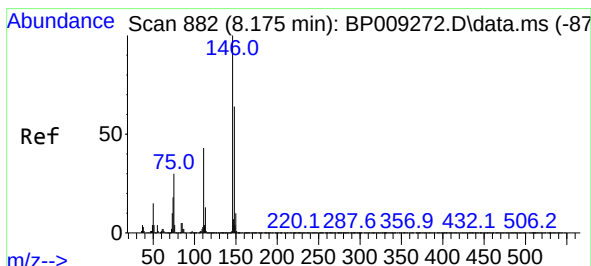
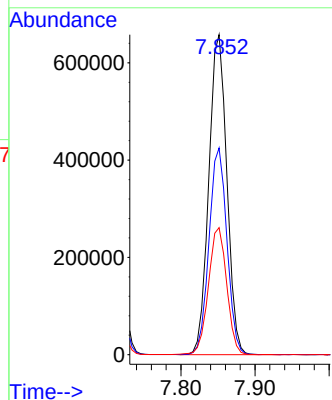
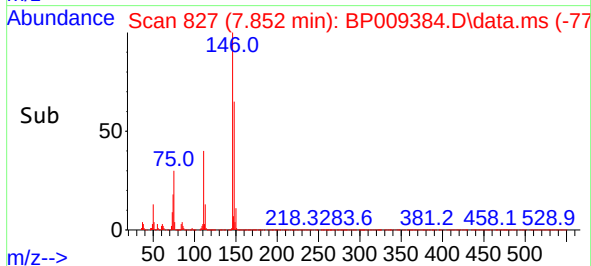
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:146 Resp: 1110750  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.1 76.7  
111 39.7 32.1 48.1

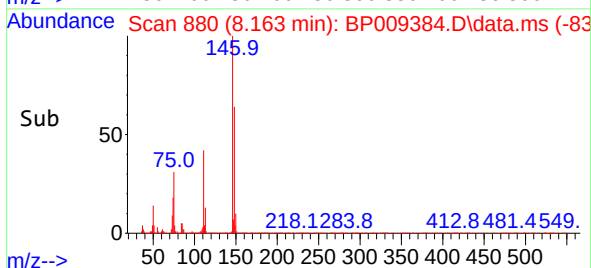
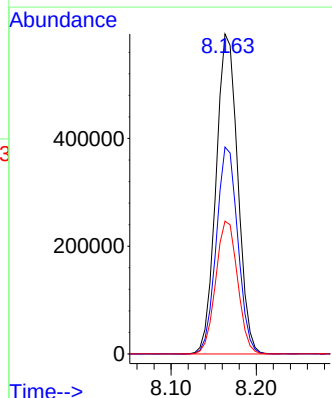
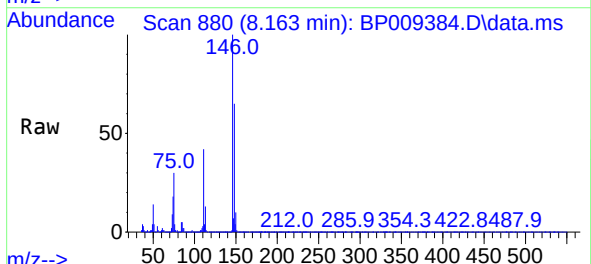
Manual Integrations  
APPROVED

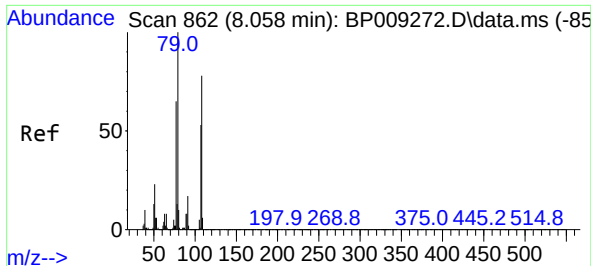
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#14  
1,2-Dichlorobenzene  
Concen: 39.631 ng  
RT: 8.163 min Scan# 880  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

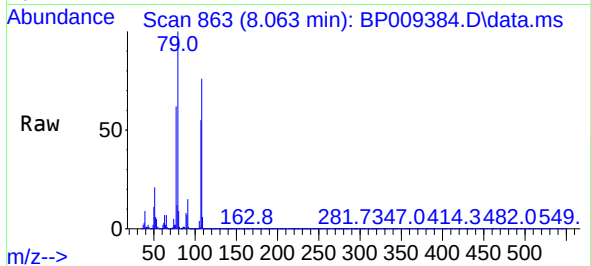
Tgt Ion:146 Resp: 1052619  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.9 76.3  
111 41.5 34.1 51.1





#15  
Benzyl Alcohol  
Concen: 40.226 ng  
RT: 8.063 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

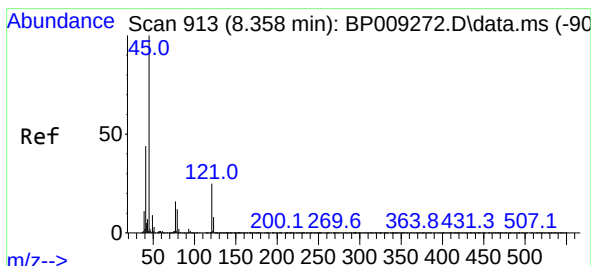
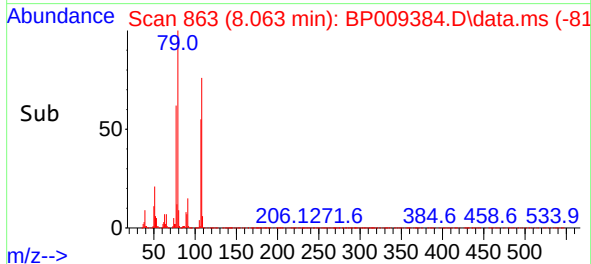
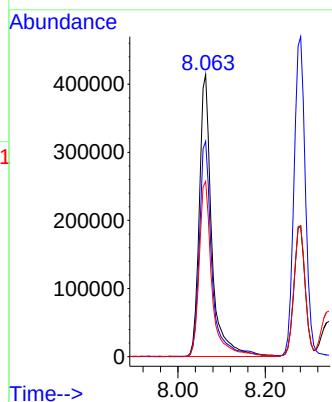
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion: 79 Resp: 81820  
Ion Ratio Lower Upper  
79 100  
108 76.3 62.5 93.7  
77 62.1 51.7 77.5

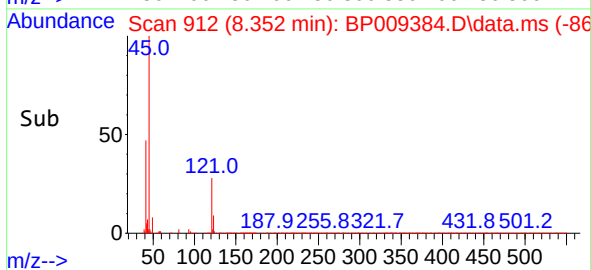
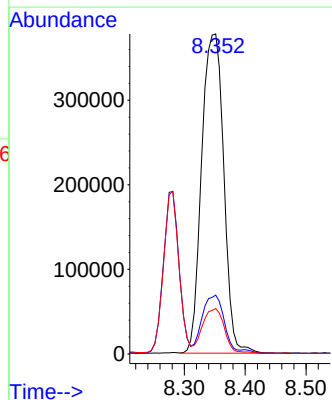
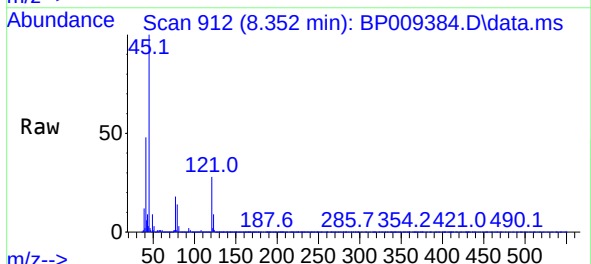
Manual Integrations  
APPROVED

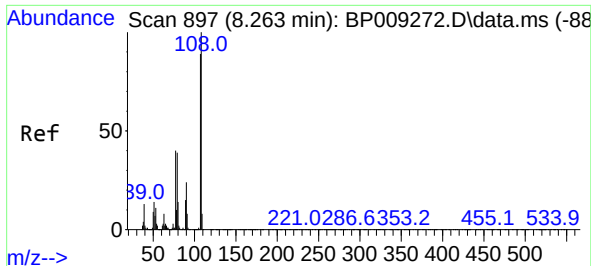
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.689 ng  
RT: 8.352 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

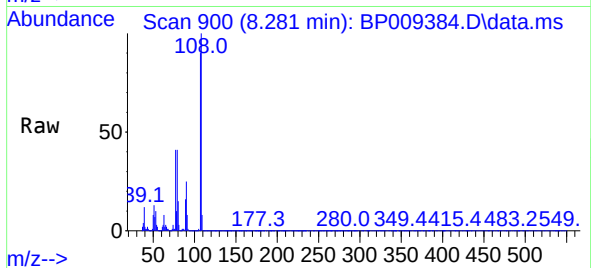
Tgt Ion: 45 Resp: 950743  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 36.5  
79 14.2 0.0 32.4





#17  
2-Methylphenol  
Concen: 39.211 ng  
RT: 8.281 min Scan# 90  
Delta R.T. 0.018 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

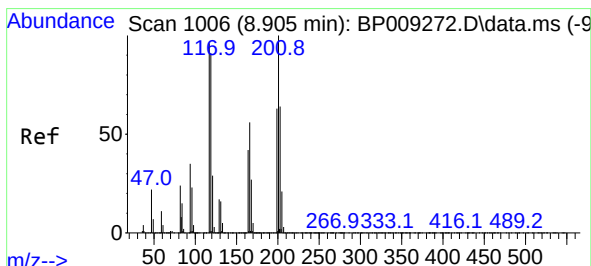
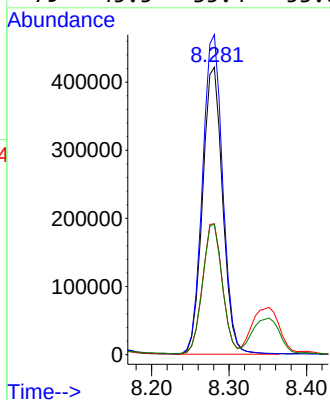
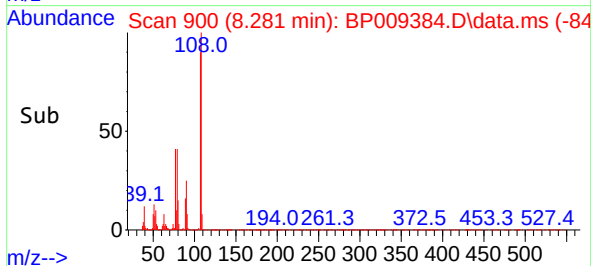
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



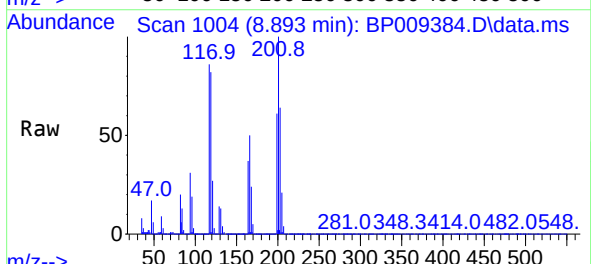
Tgt Ion:107 Resp: 758070  
Ion Ratio Lower Upper  
107 100  
108 111.3 90.2 135.2  
77 45.5 36.3 54.5  
79 45.5 35.4 53.0

Manual Integrations  
APPROVED

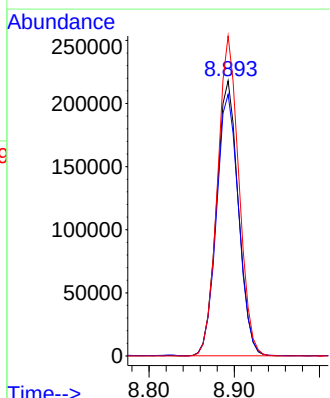
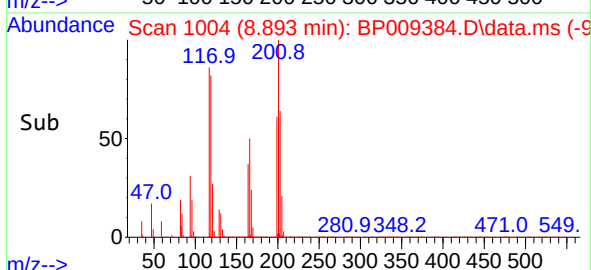
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

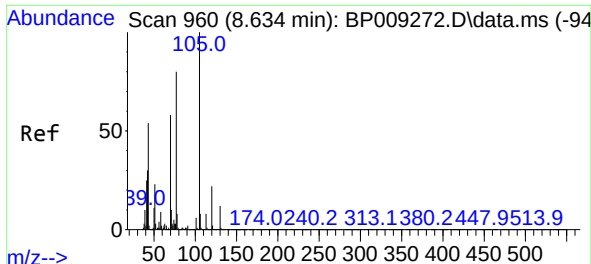


#18  
Hexachloroethane  
Concen: 40.046 ng  
RT: 8.893 min Scan# 1004  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



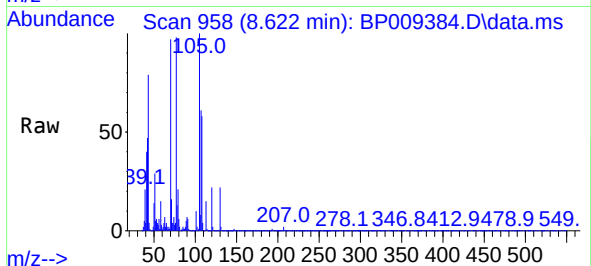
Tgt Ion:117 Resp: 387336  
Ion Ratio Lower Upper  
117 100  
119 95.1 76.4 114.6  
201 116.3 83.4 125.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.568 ng  
RT: 8.622 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

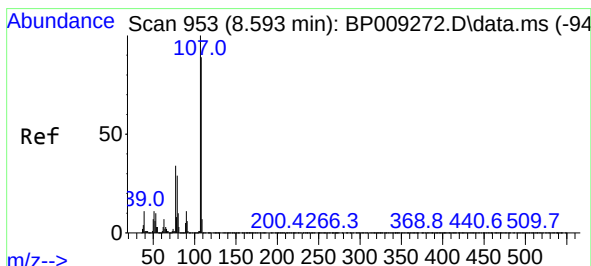
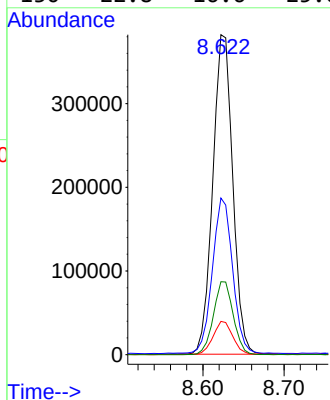
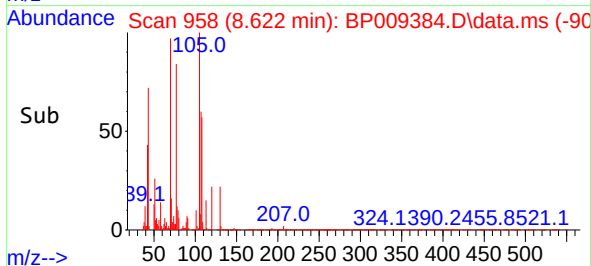
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



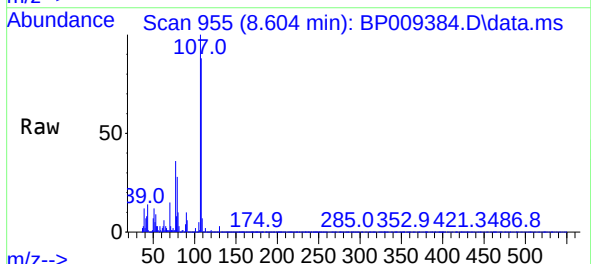
Tgt Ion: 70 Resp: 65349  
Ion Ratio Lower Upper  
70 100  
42 48.9 41.0 61.4  
101 10.4 7.9 11.9  
130 22.8 16.6 25.0

Manual Integrations  
APPROVED

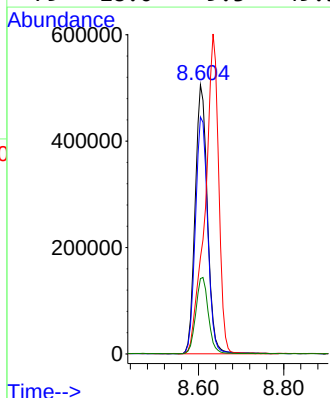
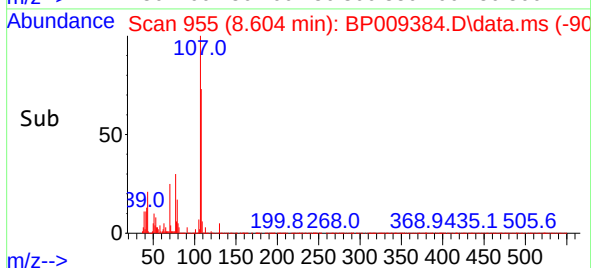
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

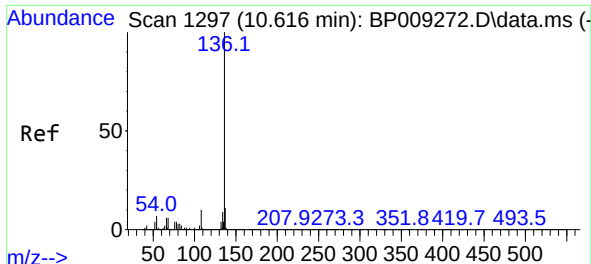


#20  
3+4-Methylphenols  
Concen: 39.005 ng  
RT: 8.604 min Scan# 955  
Delta R.T. 0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



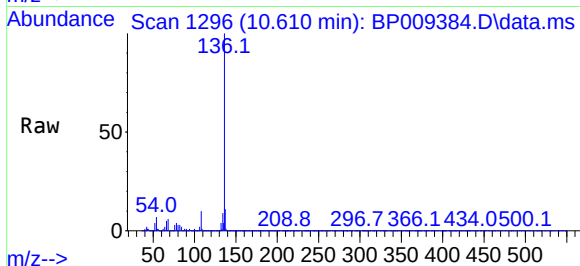
Tgt Ion:107 Resp: 1010595  
Ion Ratio Lower Upper  
107 100  
108 88.1 69.4 109.4  
77 35.8 13.6 53.6  
79 28.0 9.3 49.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

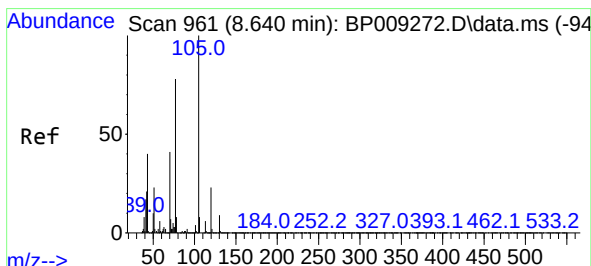
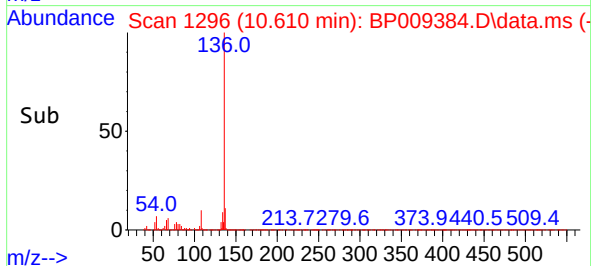
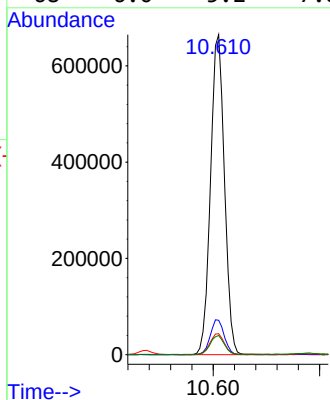


Tgt Ion:136 Resp: 120601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 12.8  |
| 54  | 6.6   | 5.8   | 8.8   |
| 68  | 6.0   | 5.2   | 7.8   |

Manual Integrations  
APPROVED

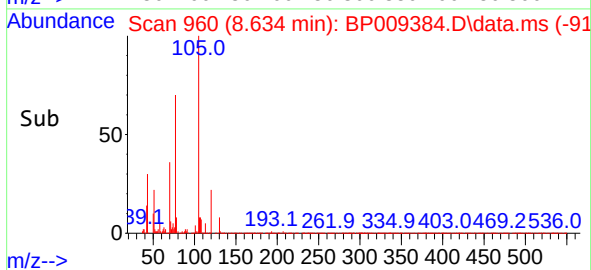
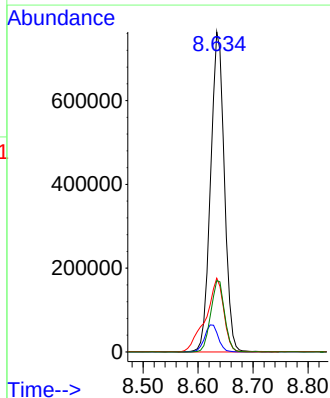
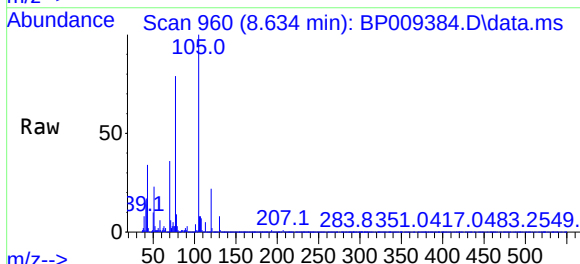
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

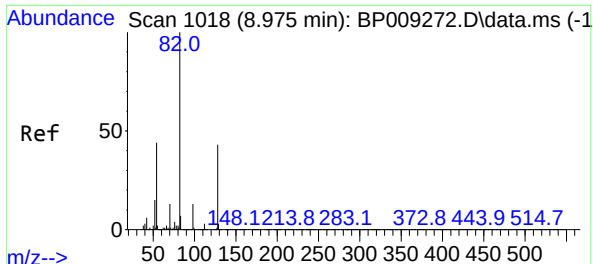


#22  
Acetophenone  
Concen: 41.140 ng  
RT: 8.634 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:105 Resp: 1326305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.0   | 5.5   | 8.3   |
| 51  | 23.1  | 18.9  | 28.3  |
| 120 | 22.3  | 18.1  | 27.1  |





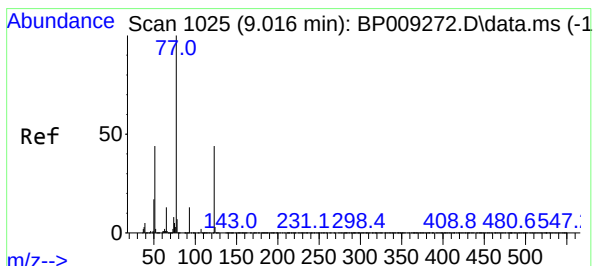
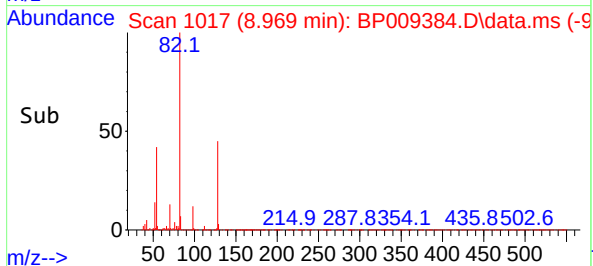
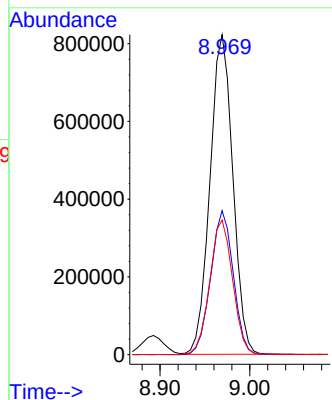
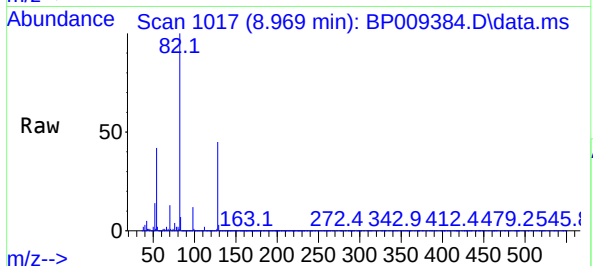
#23  
Nitrobenzene-d5  
Concen: 66.501 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion: 82 Resp: 1456130  
Ion Ratio Lower Upper  
82 100  
128 45.0 34.2 51.4  
54 42.0 34.7 52.1

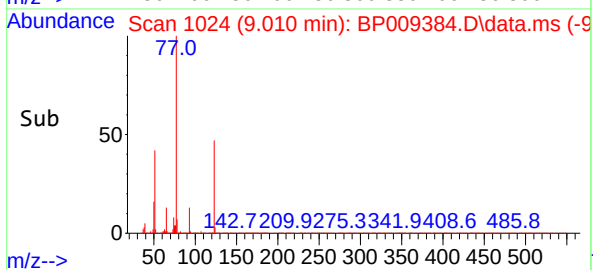
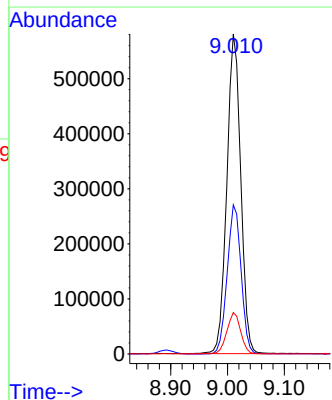
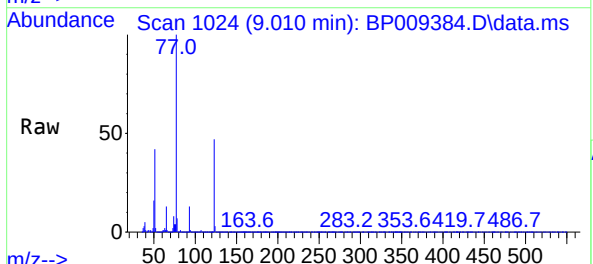
Manual Integrations  
APPROVED

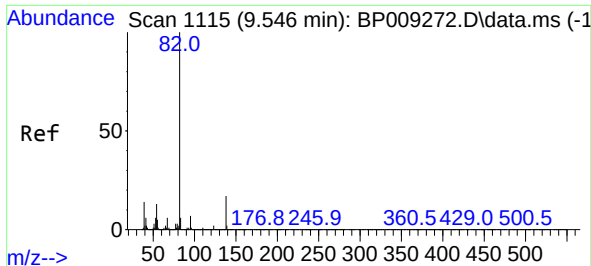
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#24  
Nitrobenzene  
Concen: 42.626 ng  
RT: 9.010 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion: 77 Resp: 989153  
Ion Ratio Lower Upper  
77 100  
123 46.6 35.5 53.3  
65 13.0 10.3 15.5





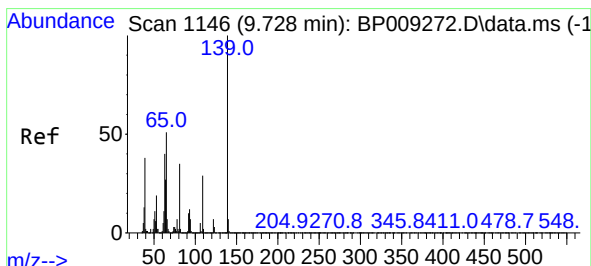
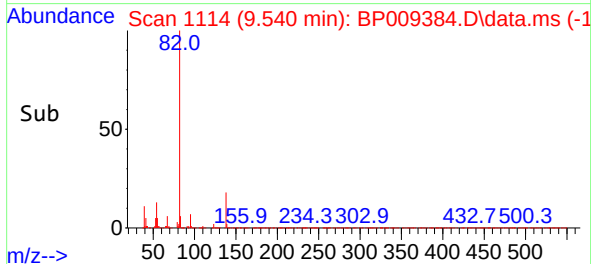
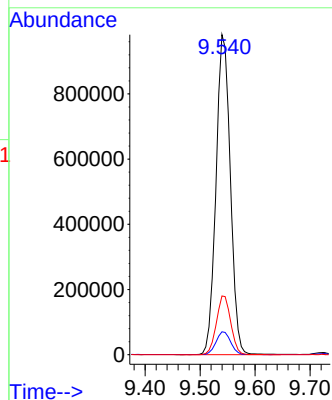
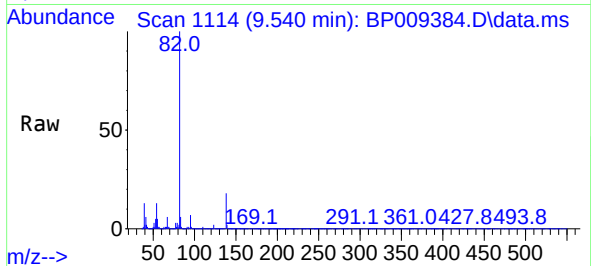
#25  
Isophorone  
Concen: 43.399 ng  
RT: 9.540 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion: 82 Resp: 177750  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.5 8.3  
138 18.3 13.8 20.8

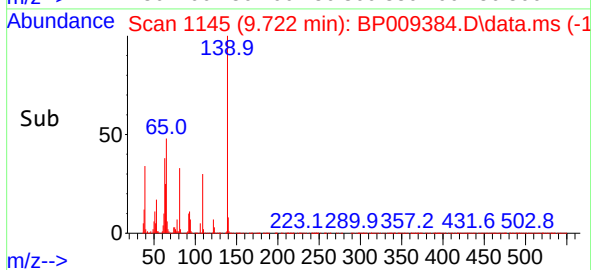
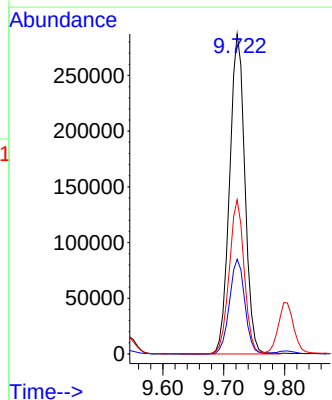
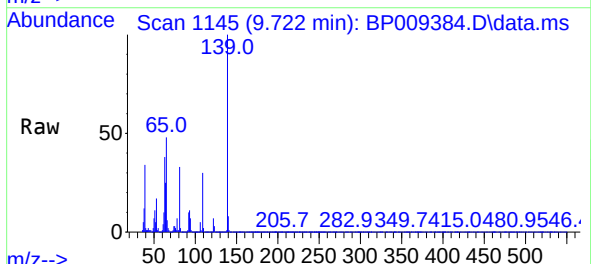
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

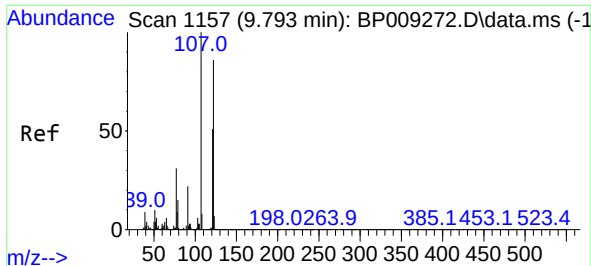


#26  
2-Nitrophenol  
Concen: 55.726 ng  
RT: 9.722 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:139 Resp: 500947  
Ion Ratio Lower Upper  
139 100  
109 29.6 23.4 35.0  
65 48.2 41.0 61.6

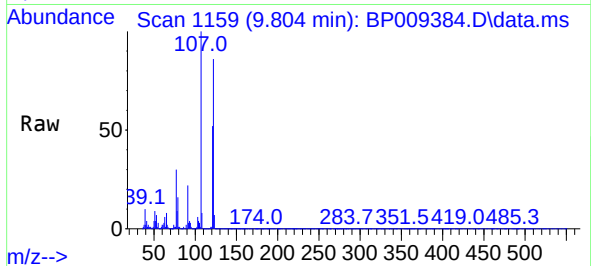






#27  
2,4-Dimethylphenol  
Concen: 41.575 ng  
RT: 9.804 min Scan# 1157  
Delta R.T. 0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

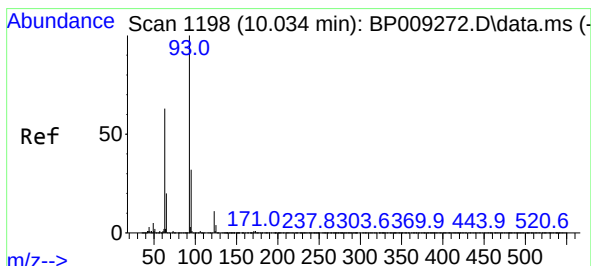
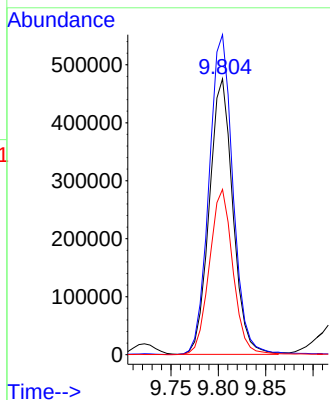
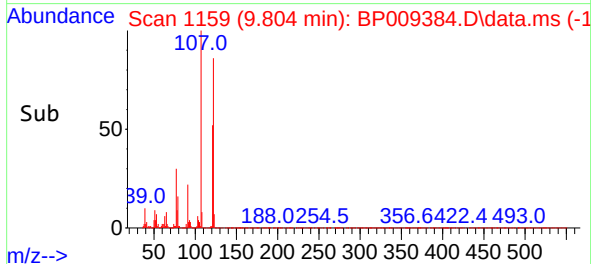
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



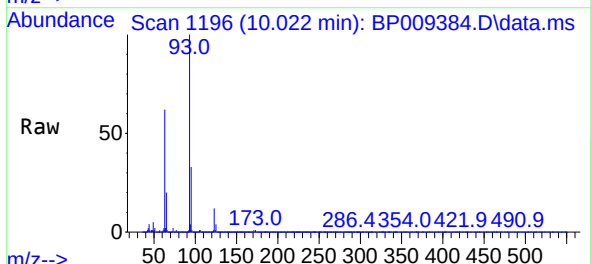
Tgt Ion: 122 Resp: 822010  
Ion Ratio Lower Upper  
122 100  
107 116.0 92.6 138.8  
121 59.9 46.7 70.1

Manual Integrations  
APPROVED

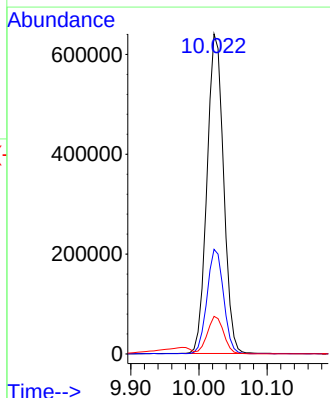
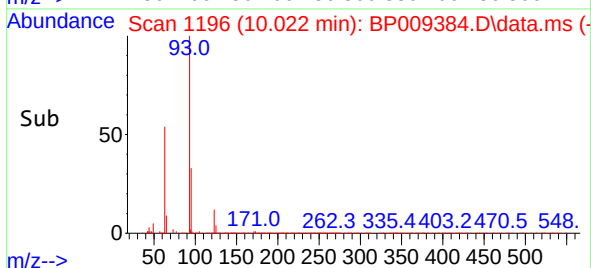
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

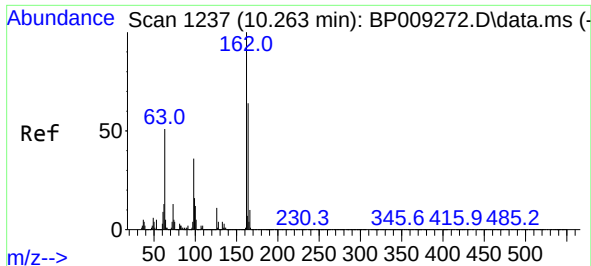


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.362 ng  
RT: 10.022 min Scan# 1196  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion: 93 Resp: 1081823  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.5 38.3  
123 11.8 8.9 13.3





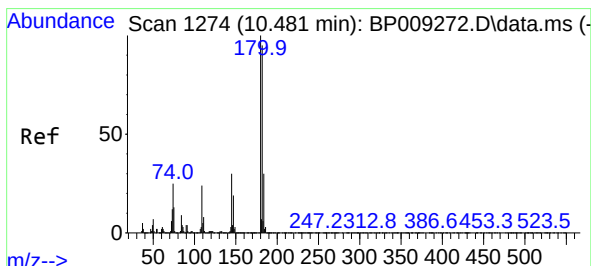
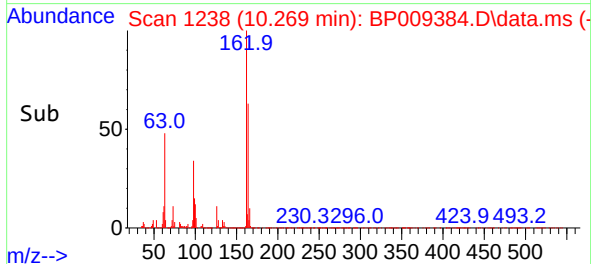
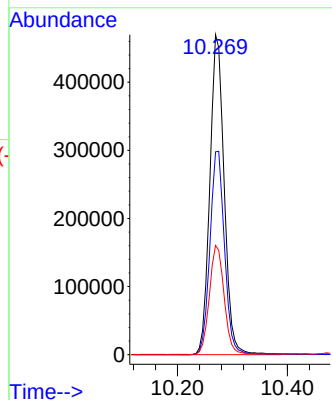
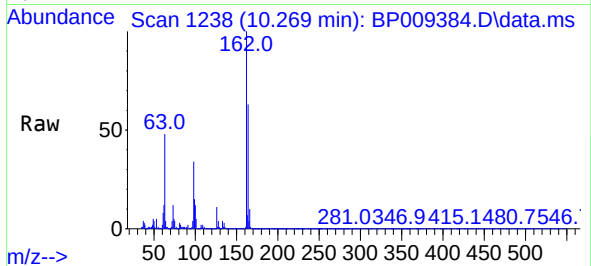
#29  
2,4-Dichlorophenol  
Concen: 44.660 ng  
RT: 10.269 min Scan# 1237  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:162 Resp: 85164  
Ion Ratio Lower Upper  
162 100  
164 63.4 44.3 84.3  
98 34.1 15.6 55.6

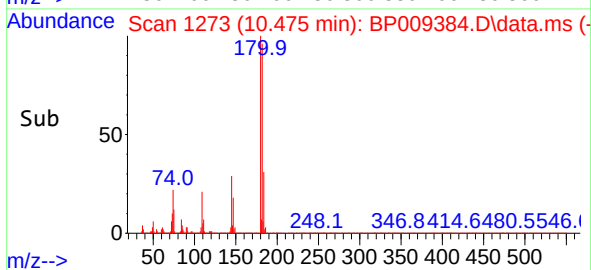
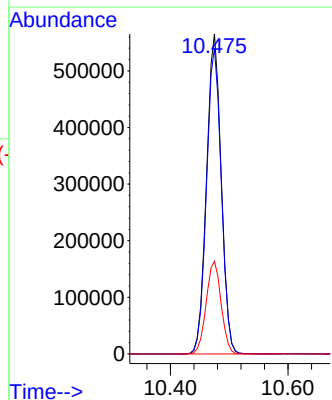
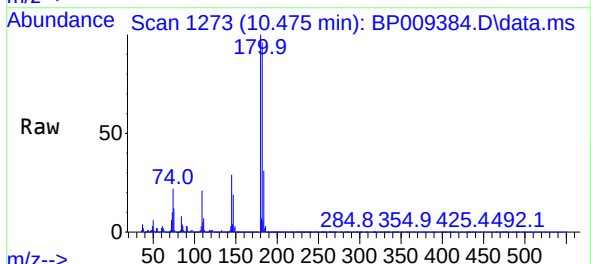
Manual Integrations  
APPROVED

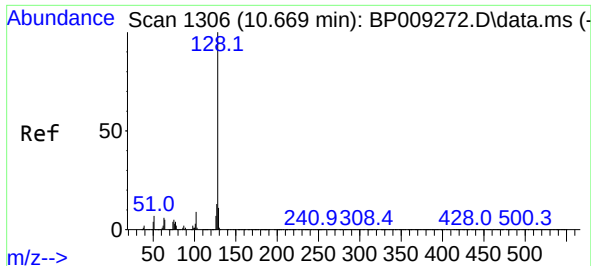
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 43.935 ng  
RT: 10.475 min Scan# 1273  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:180 Resp: 980596  
Ion Ratio Lower Upper  
180 100  
182 95.5 76.4 114.6  
145 28.9 23.8 35.6





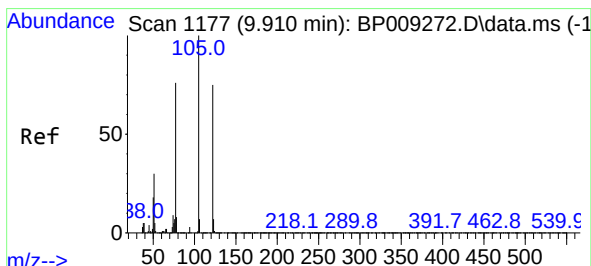
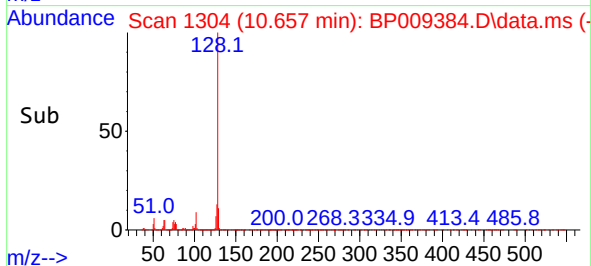
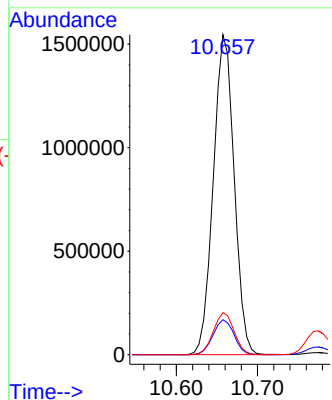
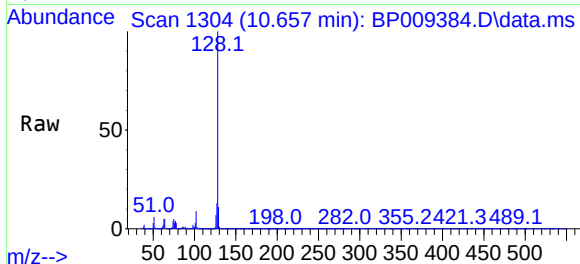
#31  
Naphthalene  
Concen: 41.289 ng  
RT: 10.657 min Scan# 1187  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:128 Resp: 2757628  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.2 10.5 15.7

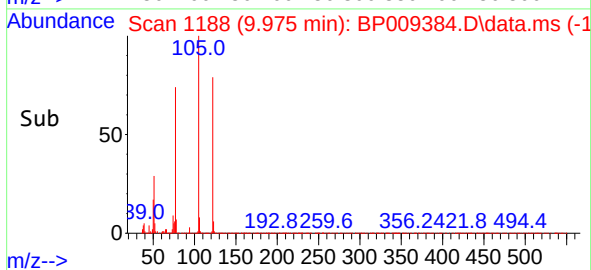
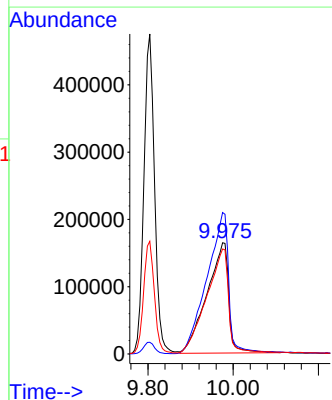
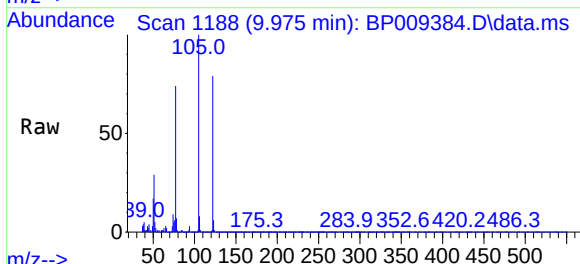
Manual Integrations  
APPROVED

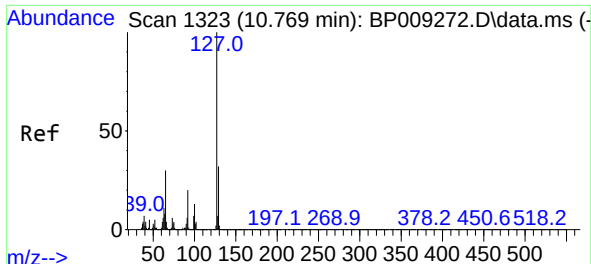
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#32  
Benzoic acid  
Concen: 58.309 ng  
RT: 9.975 min Scan# 1188  
Delta R.T. 0.065 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

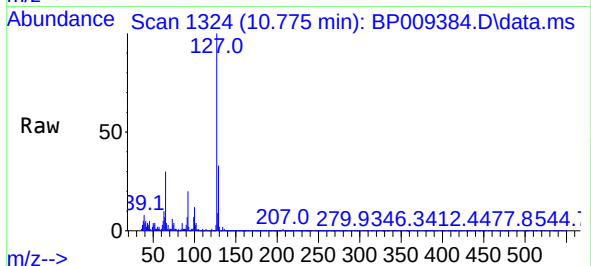
Tgt Ion:122 Resp: 585527  
Ion Ratio Lower Upper  
122 100  
105 127.1 110.5 150.5  
77 94.3 79.9 119.9





#33  
4-Chloroaniline  
Concen: 9.195 ng  
RT: 10.775 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

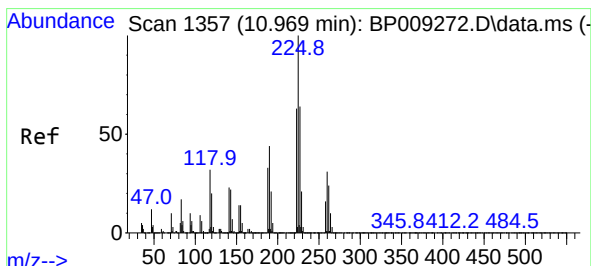
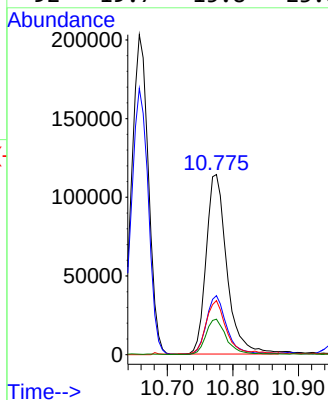
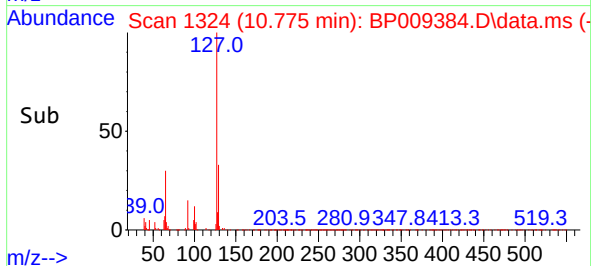
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:127 Resp: 251089  
Ion Ratio Lower Upper  
127 100  
129 32.8 25.5 38.3  
65 30.0 24.3 36.5  
92 19.7 15.8 23.8

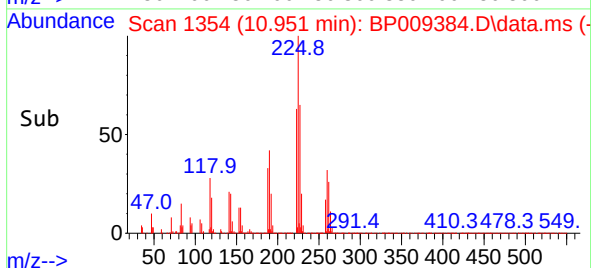
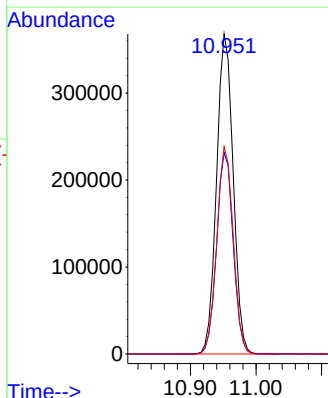
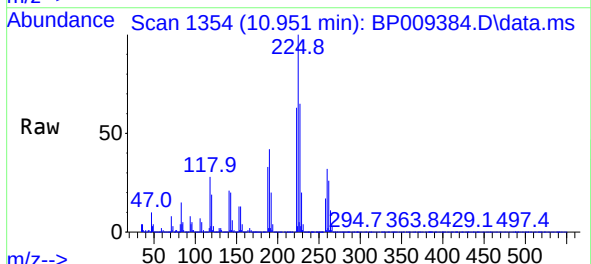
Manual Integrations  
APPROVED

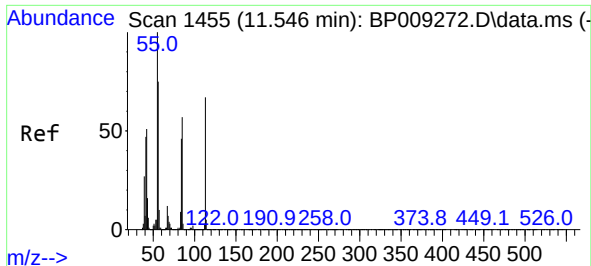
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#34  
Hexachlorobutadiene  
Concen: 47.342 ng  
RT: 10.951 min Scan# 1354  
Delta R.T. -0.018 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

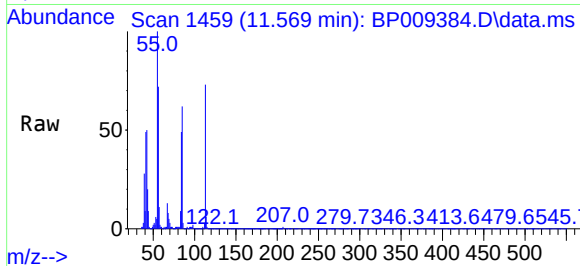
Tgt Ion:225 Resp: 643478  
Ion Ratio Lower Upper  
225 100  
223 63.0 50.5 75.7  
227 64.8 51.2 76.8





#35  
Caprolactam  
Concen: 45.505 ng  
RT: 11.569 min Scan# 1455  
Delta R.T. 0.023 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

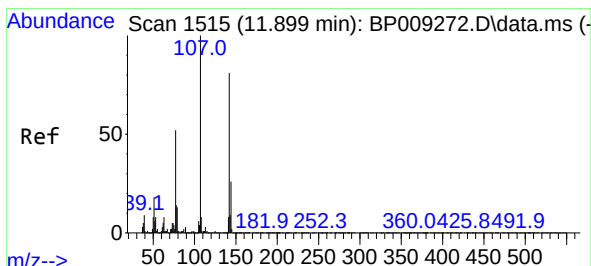
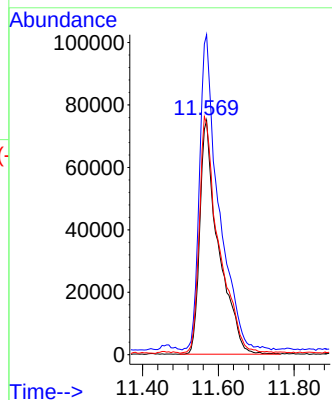
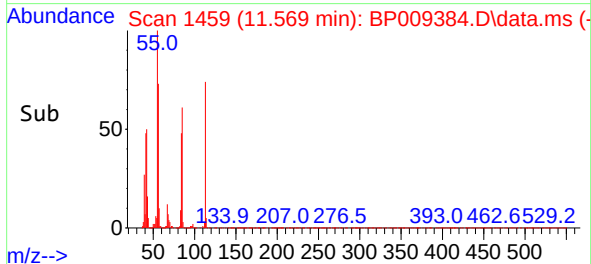
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



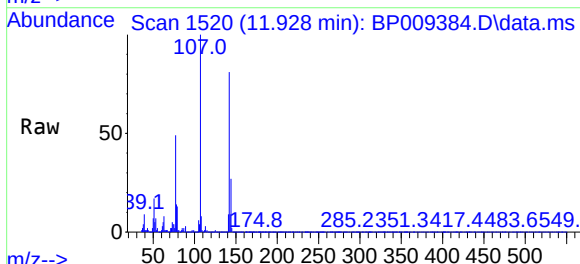
Tgt Ion:113 Resp: 255420  
Ion Ratio Lower Upper  
113 100  
55 136.5 128.4 168.4  
56 98.6 90.9 130.9

Manual Integrations  
APPROVED

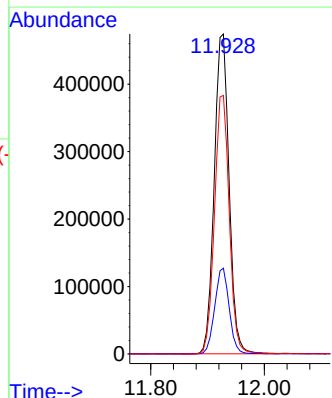
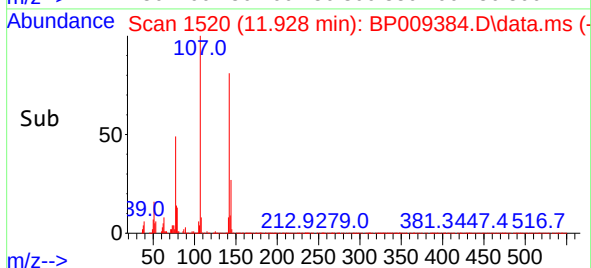
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

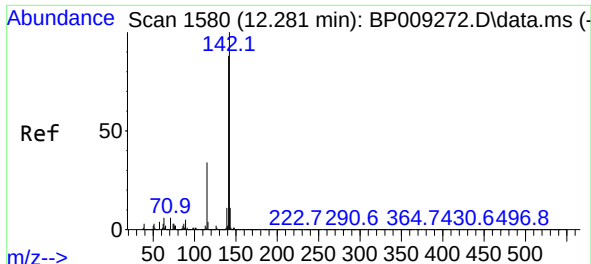


#36  
4-Chloro-3-methylphenol  
Concen: 43.090 ng  
RT: 11.928 min Scan# 1520  
Delta R.T. 0.029 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion:107 Resp: 857764  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.0 31.4  
142 80.8 64.9 97.3





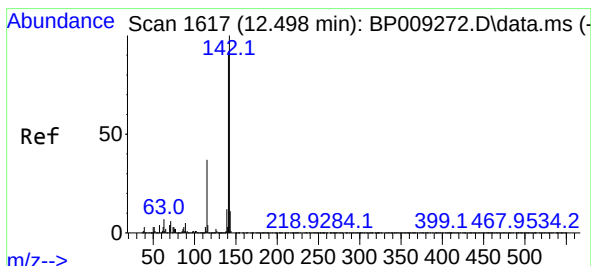
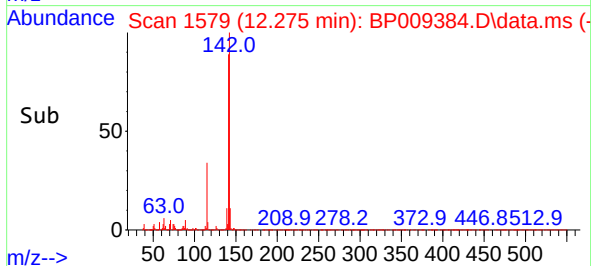
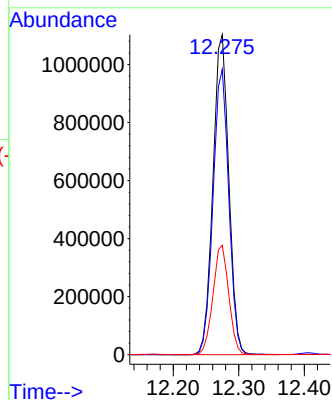
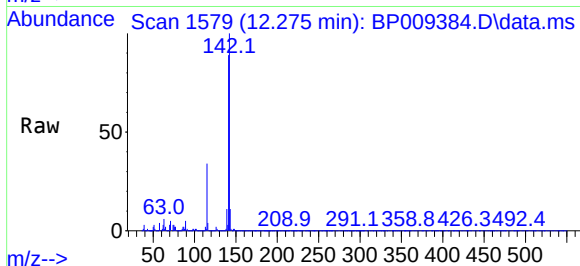
#37  
2-Methylnaphthalene  
Concen: 38.972 ng  
RT: 12.275 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:142 Resp: 184933  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.2 105.4  
115 34.2 27.4 41.2

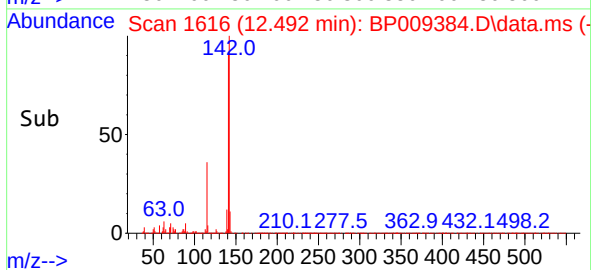
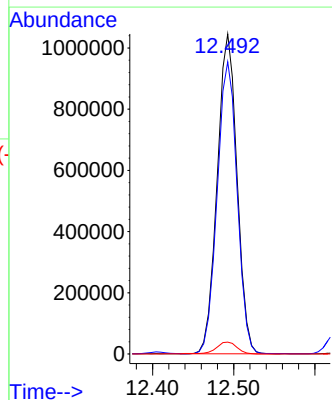
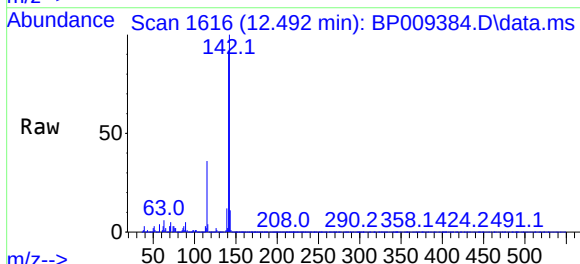
Manual Integrations  
APPROVED

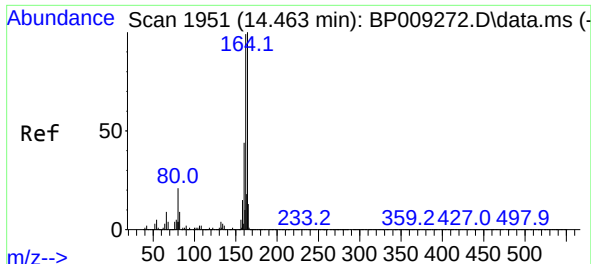
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#38  
1-Methylnaphthalene  
Concen: 40.555 ng  
RT: 12.492 min Scan# 1616  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

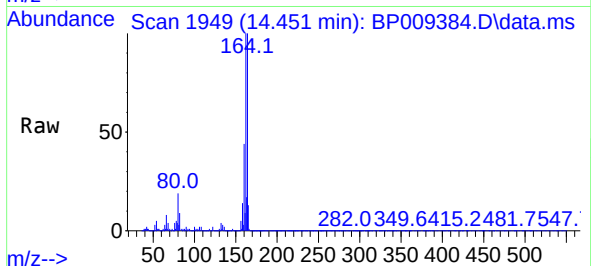
Tgt Ion:142 Resp: 1772356  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.5 110.3  
116 3.7 3.3 4.9





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

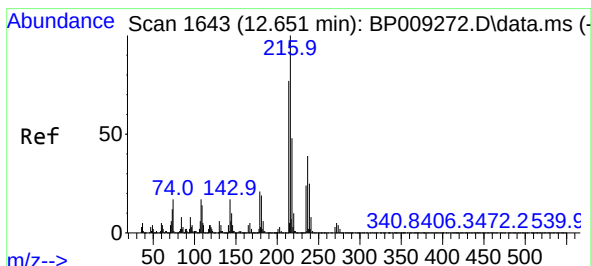
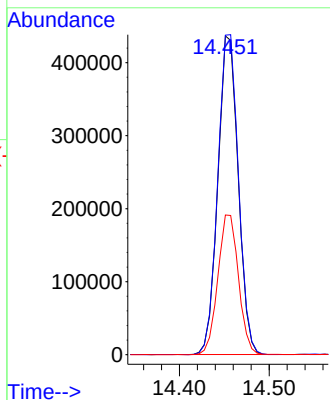
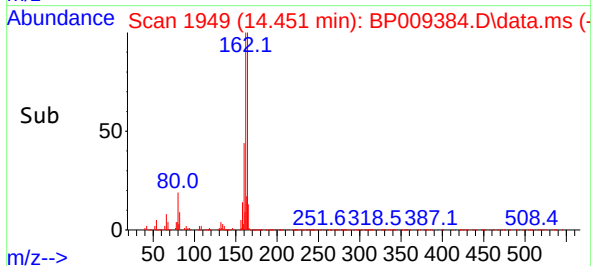
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



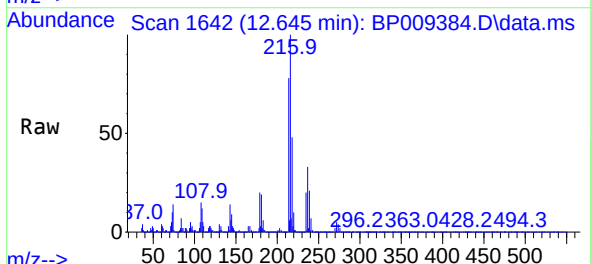
Tgt Ion:164 Resp: 68592  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.1 118.7  
160 43.8 34.9 52.3

Manual Integrations  
APPROVED

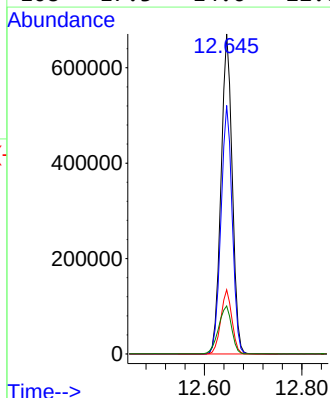
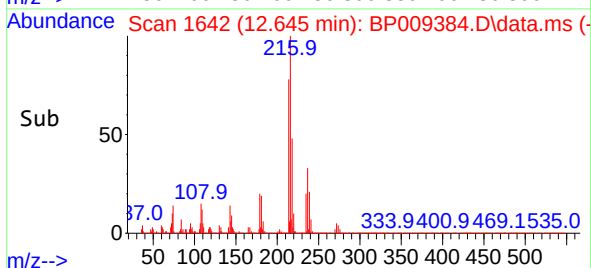
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

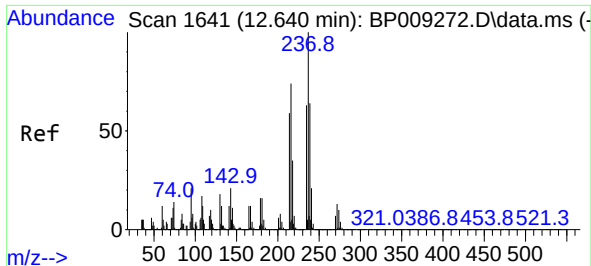


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.382 ng  
RT: 12.645 min Scan# 1642  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion:216 Resp: 1072136  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.3 93.5  
179 19.8 16.8 25.2  
108 17.3 14.6 22.0





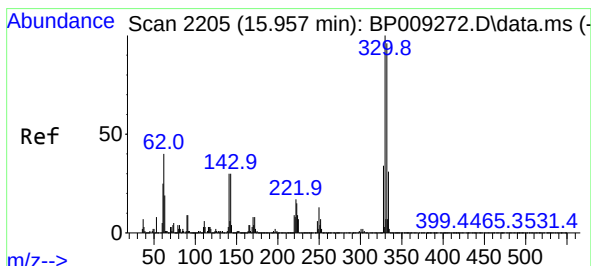
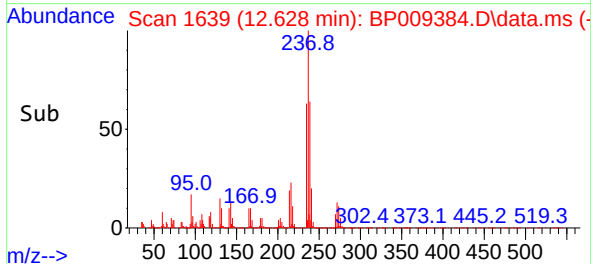
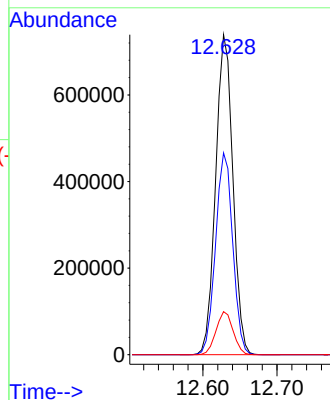
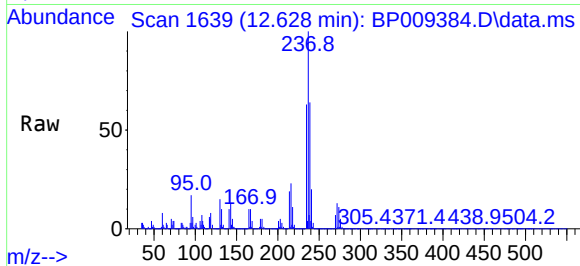
#41  
Hexachlorocyclopentadiene  
Concen: 81.365 ng  
RT: 12.628 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:237 Resp: 1191214  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.6 82.6  
272 13.4 0.0 32.8

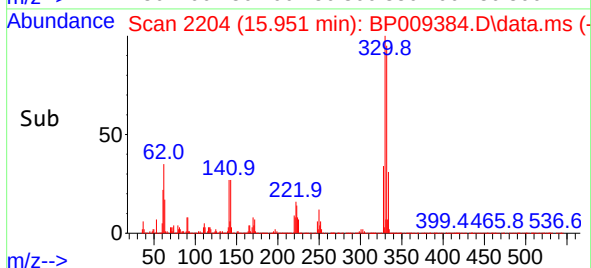
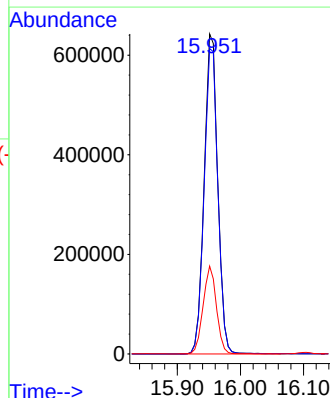
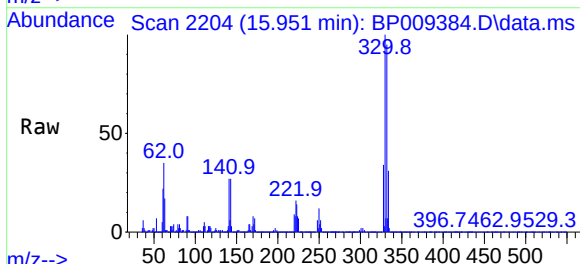
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

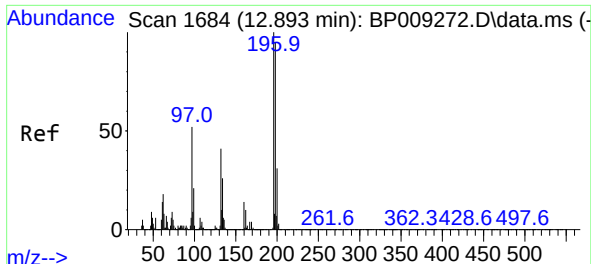


#42  
2,4,6-Tribromophenol  
Concen: 115.543 ng  
RT: 15.951 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:330 Resp: 956996  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.6  
141 26.9 27.6 41.4#







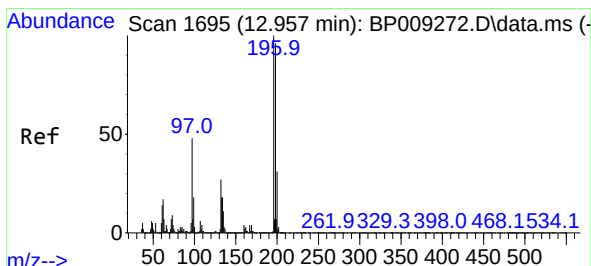
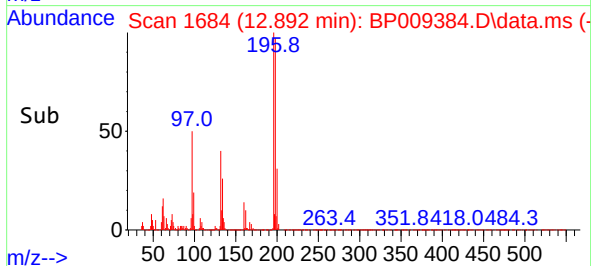
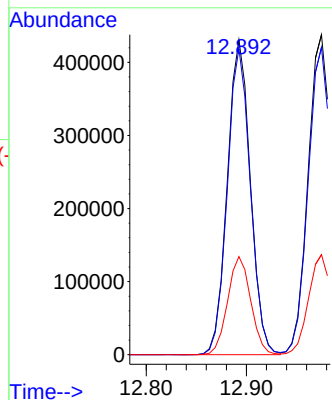
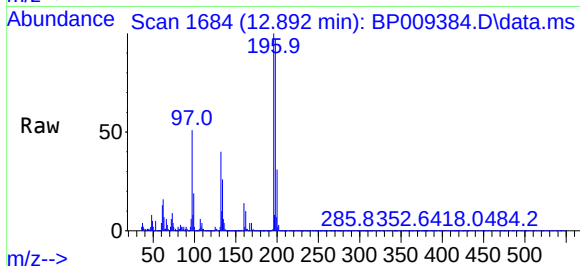
#43  
2,4,6-Trichlorophenol  
Concen: 49.677 ng  
RT: 12.892 min Scan# 1684  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:196 Resp: 689479  
Ion Ratio Lower Upper  
196 100  
198 97.3 76.2 114.4  
200 31.1 24.4 36.6

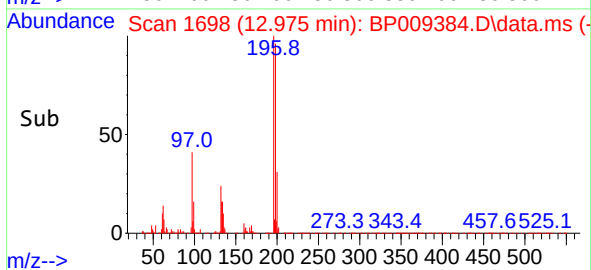
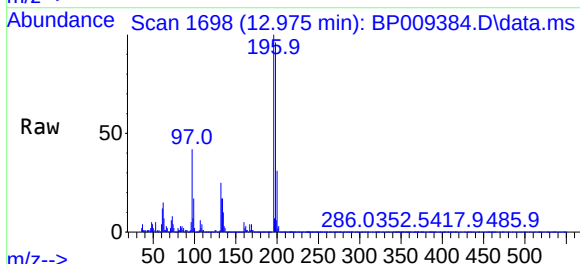
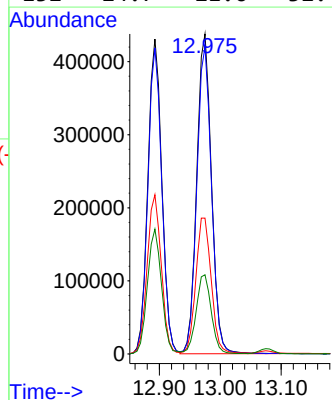
Manual Integrations  
APPROVED

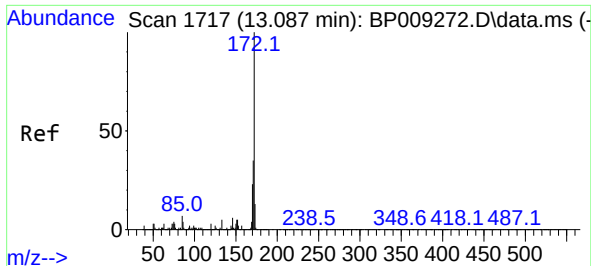
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#44  
2,4,5-Trichlorophenol  
Concen: 48.257 ng  
RT: 12.975 min Scan# 1698  
Delta R.T. 0.018 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:196 Resp: 734652  
Ion Ratio Lower Upper  
196 100  
198 96.1 76.6 114.8  
97 42.4 38.3 57.5  
132 24.7 21.6 32.4





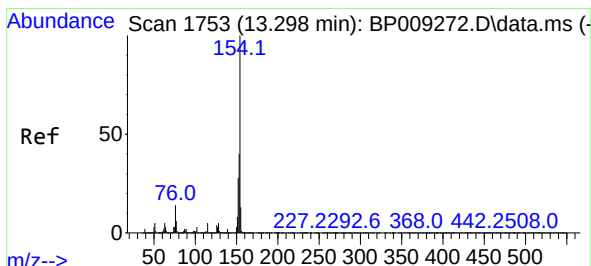
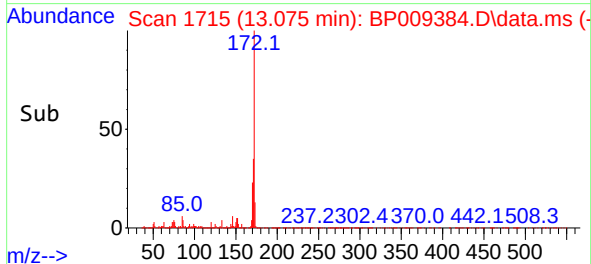
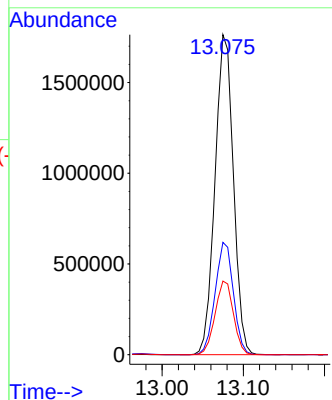
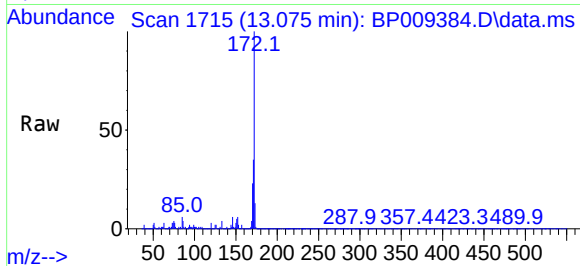
#45  
2-Fluorobiphenyl  
Concen: 55.709 ng  
RT: 13.075 min Scan# 1715  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:172 Resp: 2778630  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.0 18.6 27.8

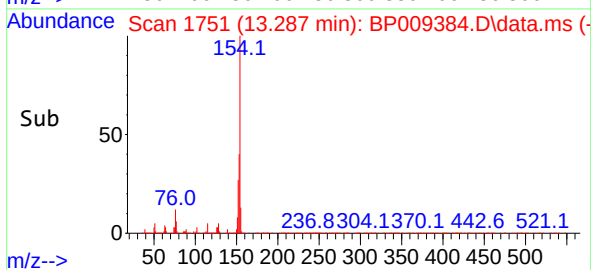
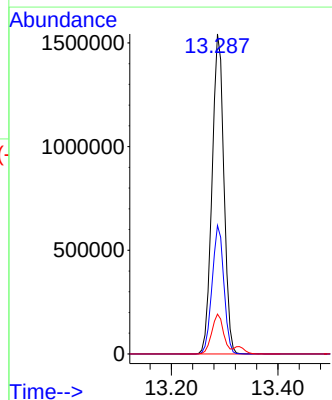
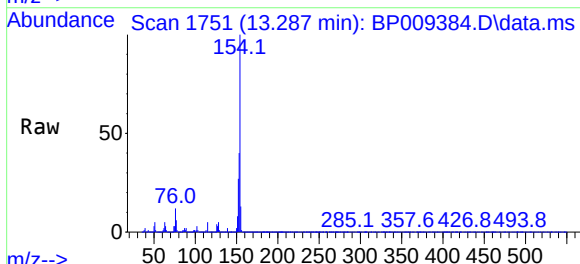
Manual Integrations  
APPROVED

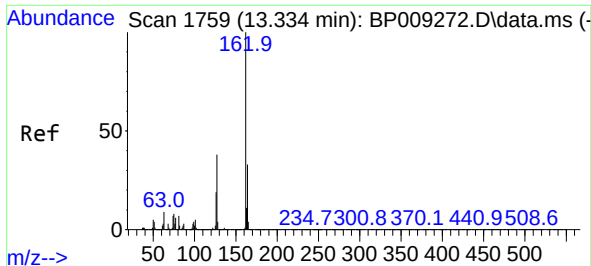
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#46  
1,1'-Biphenyl  
Concen: 42.408 ng  
RT: 13.287 min Scan# 1751  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:154 Resp: 2374949  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.2 60.2  
76 12.5 0.0 34.0





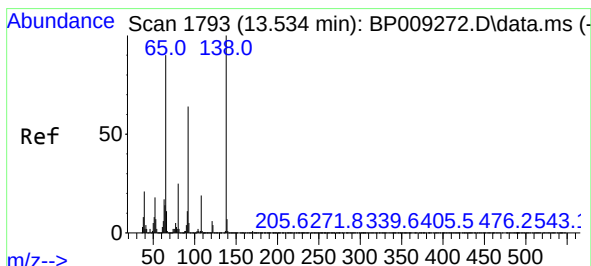
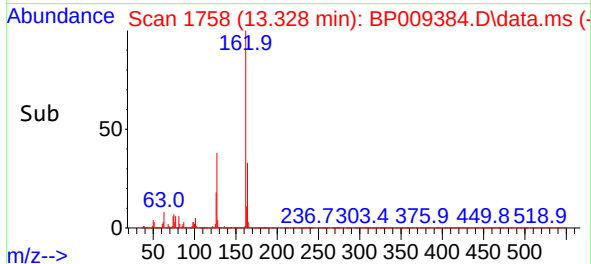
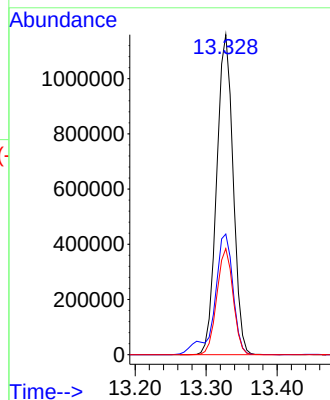
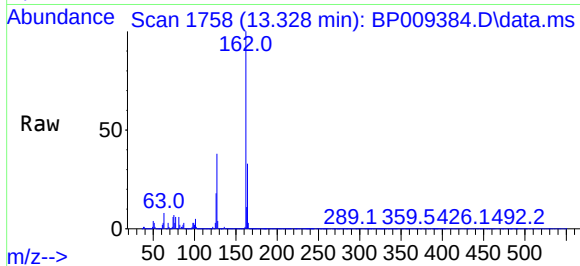
#47  
2-Chloronaphthalene  
Concen: 43.762 ng  
RT: 13.328 min Scan# 1758  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:162 Resp: 1856320  
Ion Ratio Lower Upper  
162 100  
127 37.7 30.8 46.2  
164 33.1 26.3 39.5

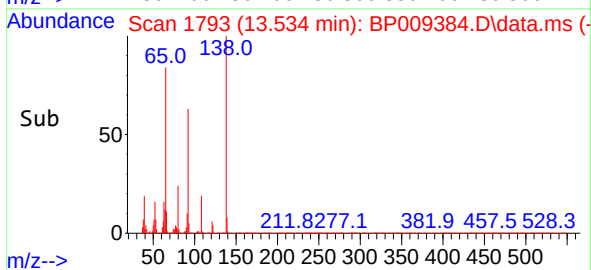
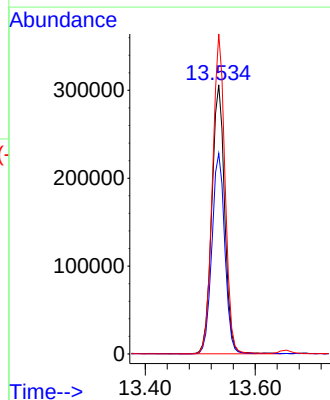
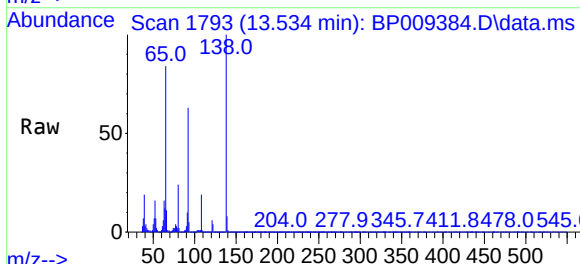
Manual Integrations  
APPROVED

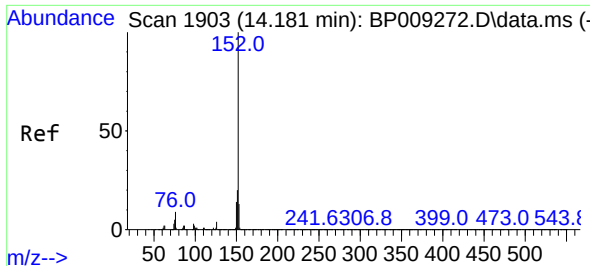
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#48  
2-Nitroaniline  
Concen: 50.918 ng  
RT: 13.534 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

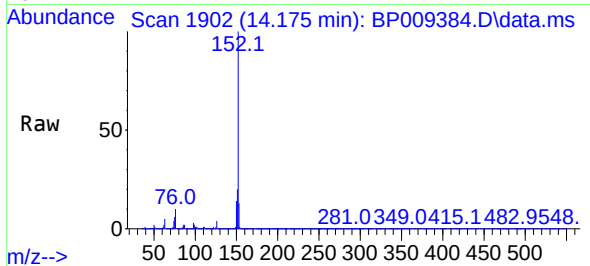
Tgt Ion: 65 Resp: 496615  
Ion Ratio Lower Upper  
65 100  
92 74.5 56.9 85.3  
138 118.9 89.3 133.9





#49  
Acenaphthylene  
Concen: 45.080 ng  
RT: 14.175 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

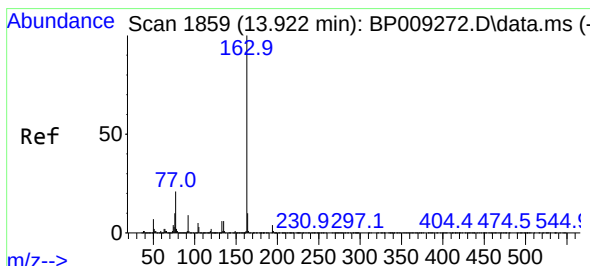
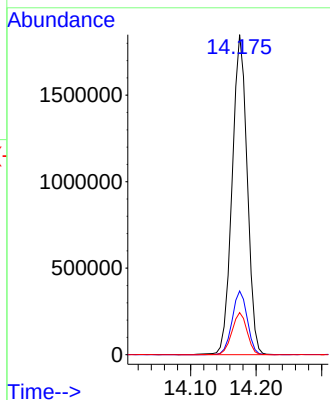
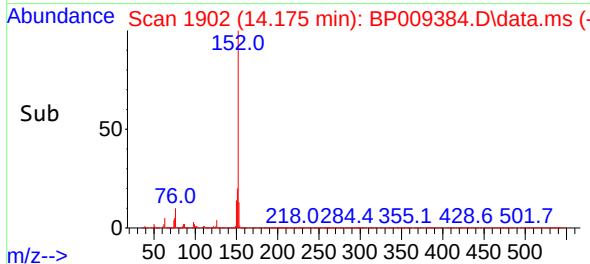
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



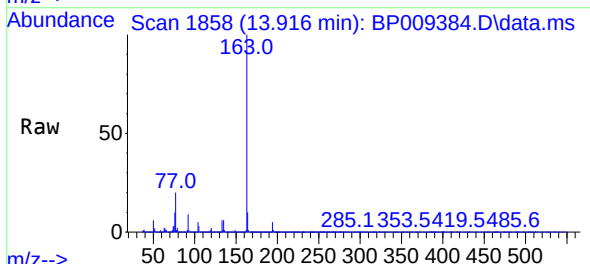
Tgt Ion:152 Resp: 2954619  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.2 10.7 16.1

Manual Integrations  
APPROVED

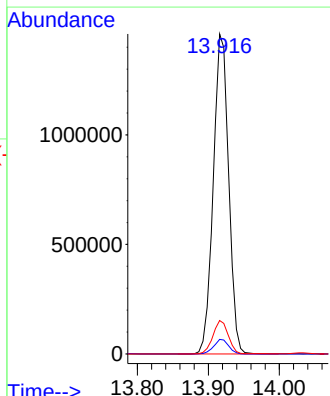
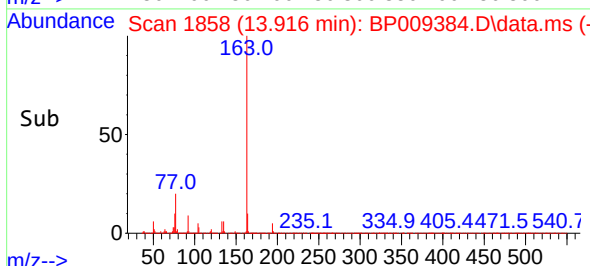
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

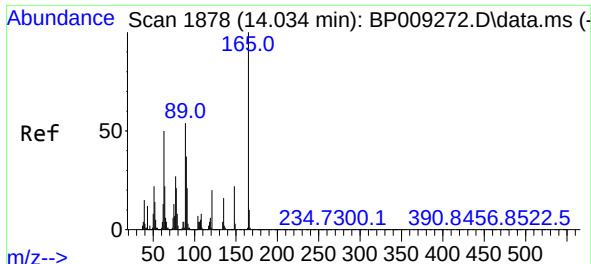


#50  
Dimethylphthalate  
Concen: 43.210 ng  
RT: 13.916 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



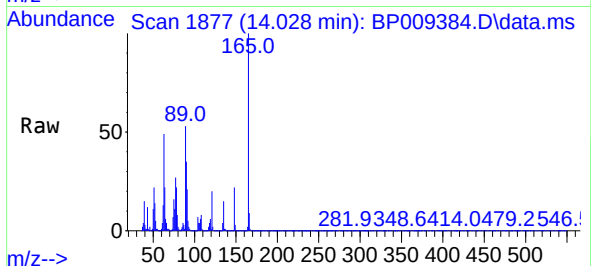
Tgt Ion:163 Resp: 2186052  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.4 5.0  
164 10.5 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 48.989 ng  
RT: 14.028 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

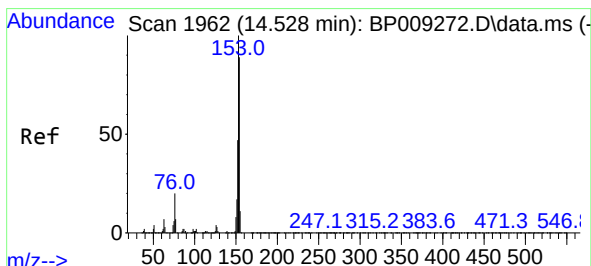
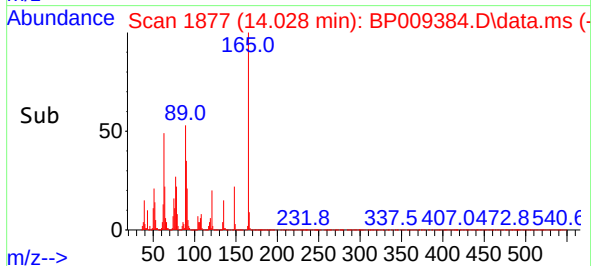
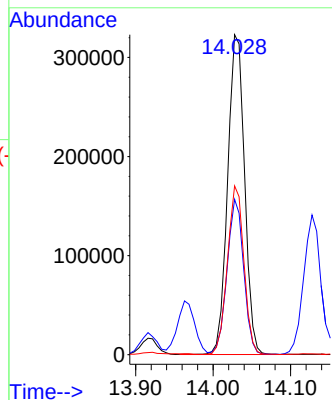
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:165 Resp: 489429  
Ion Ratio Lower Upper  
165 100  
63 48.5 40.9 61.3  
89 52.8 43.4 65.2

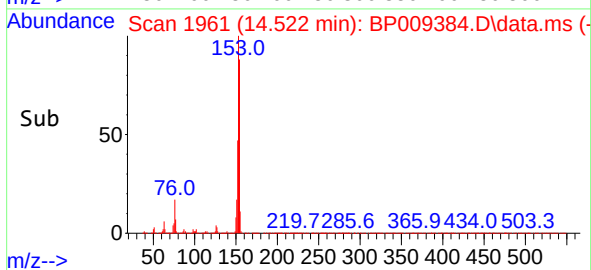
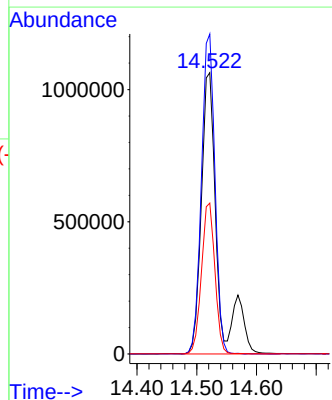
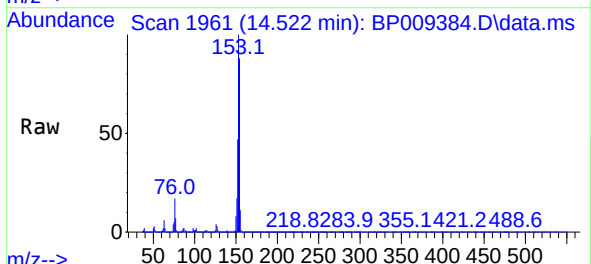
Manual Integrations  
APPROVED

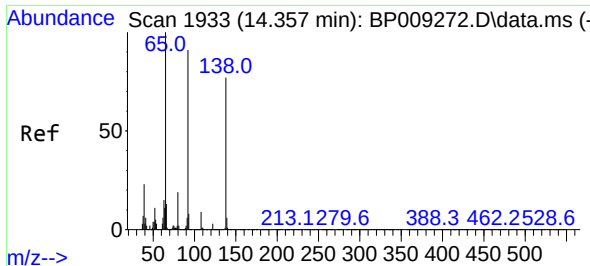
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#52  
Acenaphthene  
Concen: 47.618 ng m  
RT: 14.522 min Scan# 1961  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:154 Resp: 2000198  
Ion Ratio Lower Upper  
154 100  
153 113.8 90.2 135.4  
152 53.7 42.7 64.1





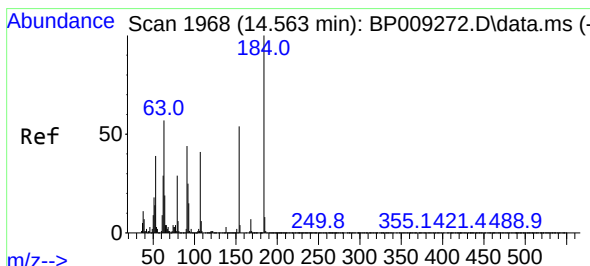
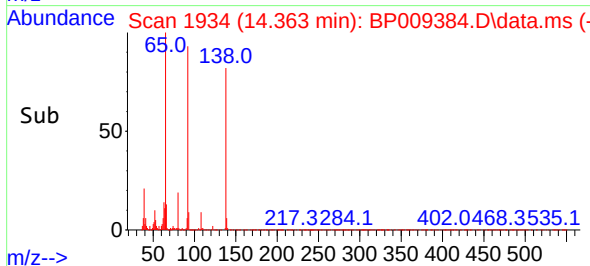
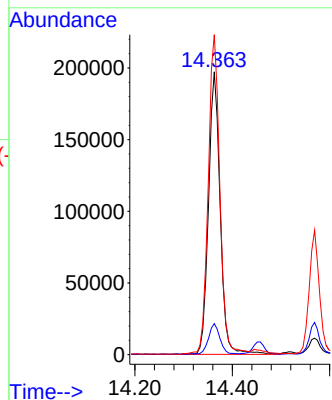
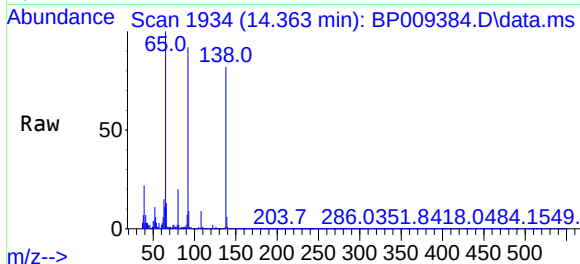
#53  
3-Nitroaniline  
Concen: 30.776 ng  
RT: 14.363 min Scan# 1933  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:138 Resp: 326610  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.7 14.5  
92 113.1 94.4 141.6

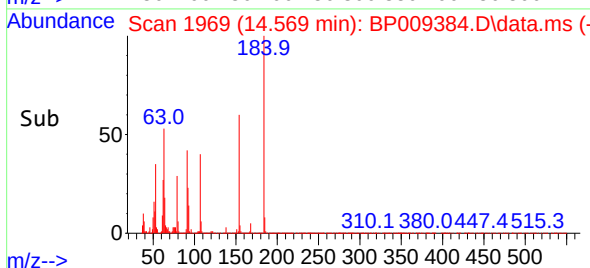
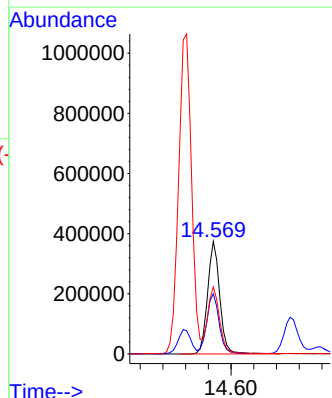
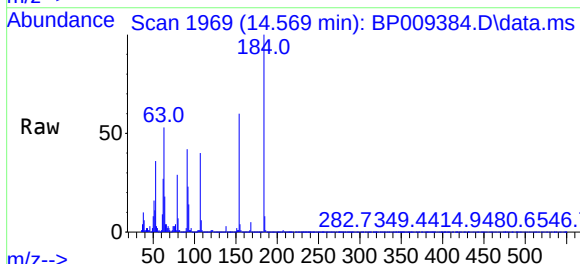
Manual Integrations  
APPROVED

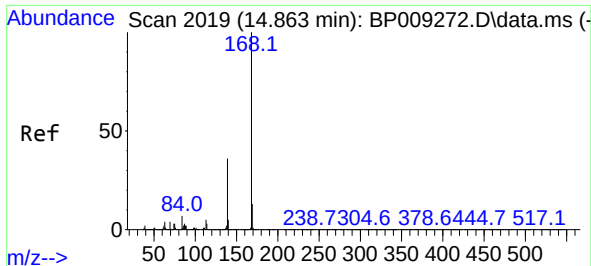
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#54  
2,4-Dinitrophenol  
Concen: 129.650 ng  
RT: 14.569 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:184 Resp: 554629  
Ion Ratio Lower Upper  
184 100  
63 53.5 46.3 69.5  
154 59.6 45.8 68.6





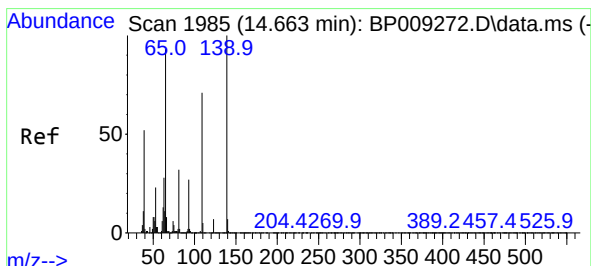
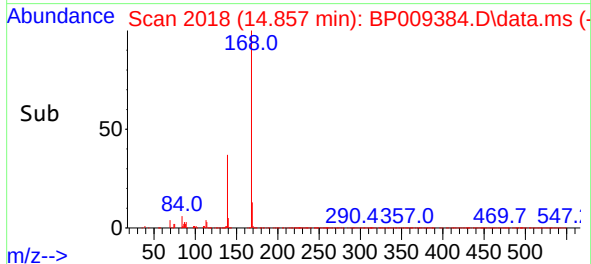
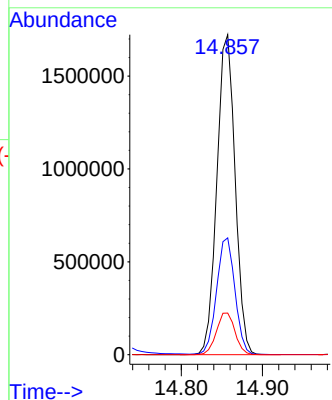
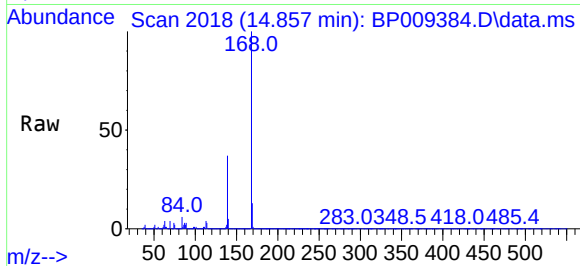
#55  
Dibenzenofuran  
Concen: 42.266 ng  
RT: 14.857 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:168 Resp: 268941  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.1 43.7  
169 13.0 10.6 16.0

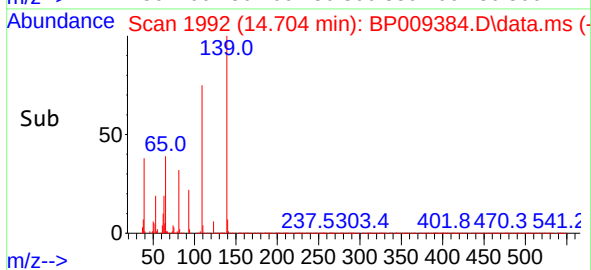
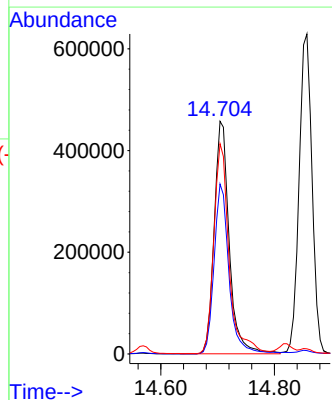
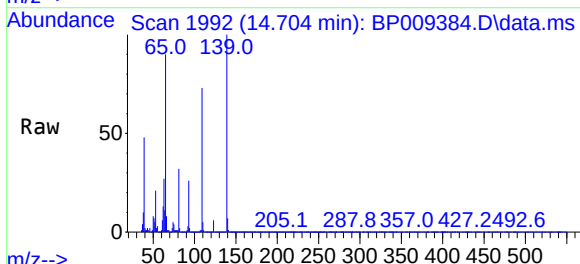
Manual Integrations  
APPROVED

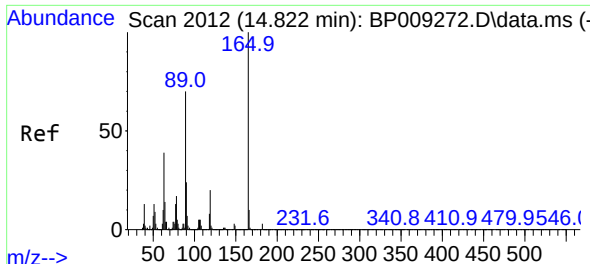
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#56  
4-Nitrophenol  
Concen: 95.100 ng  
RT: 14.704 min Scan# 1992  
Delta R.T. 0.041 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

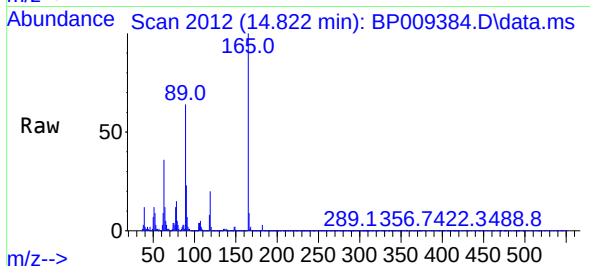
Tgt Ion:139 Resp: 839321  
Ion Ratio Lower Upper  
139 100  
109 73.0 51.2 91.2  
65 90.4 73.2 113.2





#57  
2,4-Dinitrotoluene  
Concen: 51.428 ng  
RT: 14.822 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

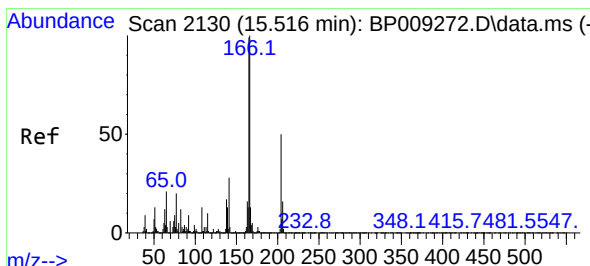
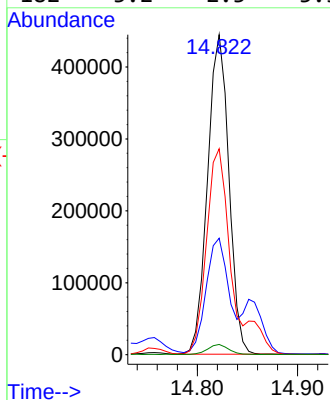
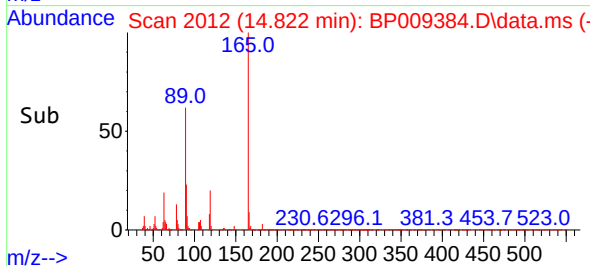
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



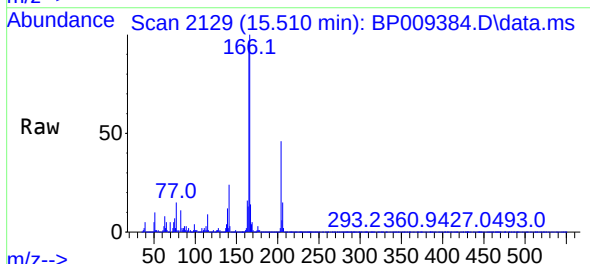
Tgt Ion:165 Resp: 657870  
Ion Ratio Lower Upper  
165 100  
63 36.4 31.4 47.2  
89 64.3 55.9 83.9  
182 3.2 2.3 3.5

Manual Integrations  
APPROVED

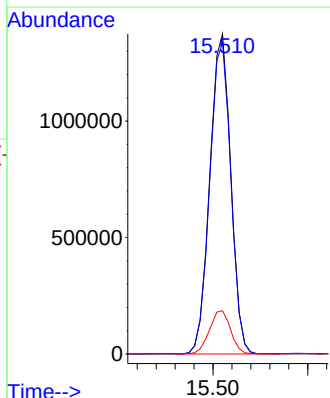
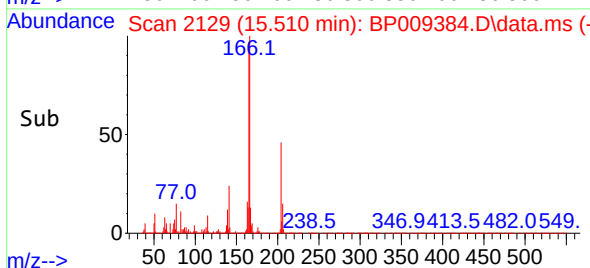
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



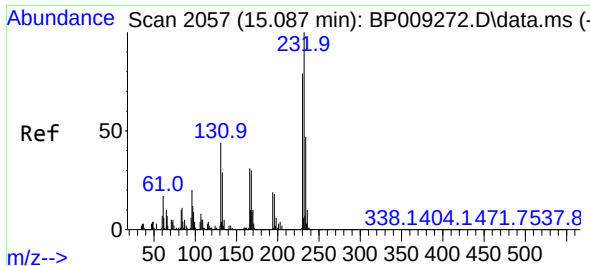
#58  
Fluorene  
Concen: 42.265 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion:166 Resp: 2106019  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.2 118.8  
167 13.5 10.7 16.1

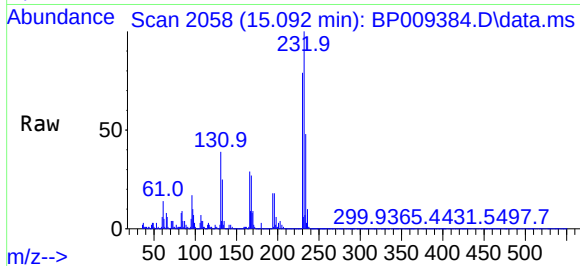






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.433 ng  
RT: 15.092 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

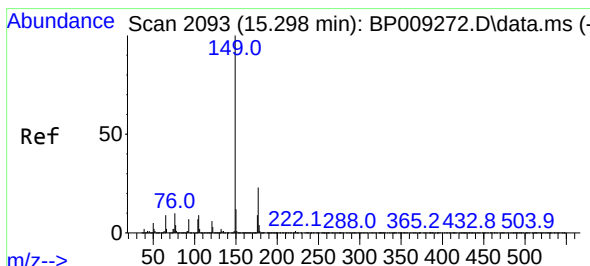
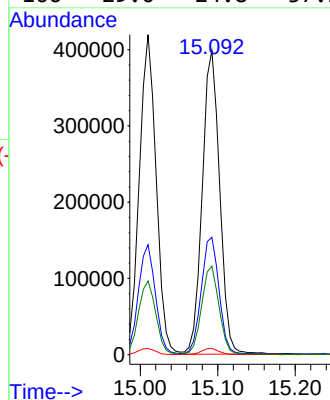
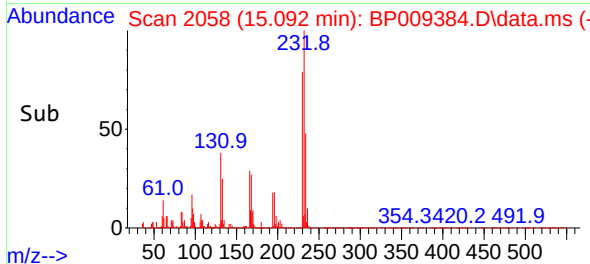
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:232 Resp: 620838  
Ion Ratio Lower Upper  
232 100  
131 39.6 35.5 53.3  
130 2.1 1.8 2.8  
166 29.0 24.8 37.2

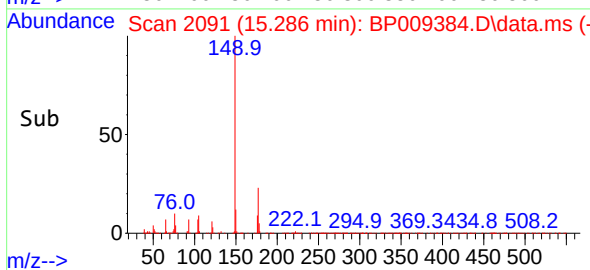
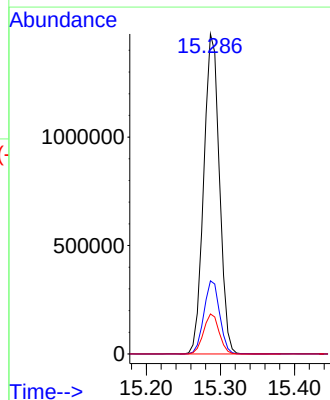
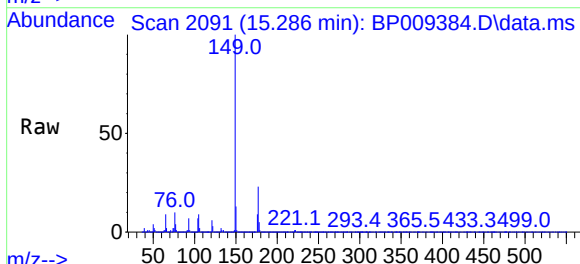
Manual Integrations  
APPROVED

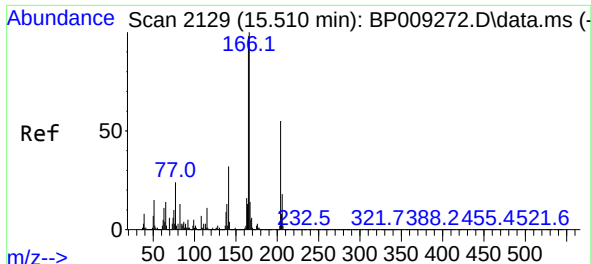
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#60  
Diethylphthalate  
Concen: 43.891 ng  
RT: 15.286 min Scan# 2091  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:149 Resp: 2161908  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.2 27.2  
150 12.5 9.9 14.9





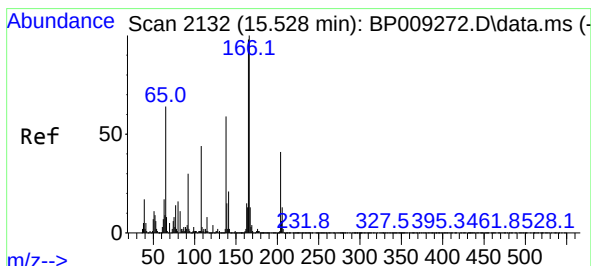
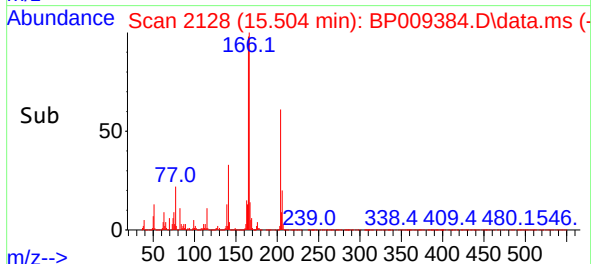
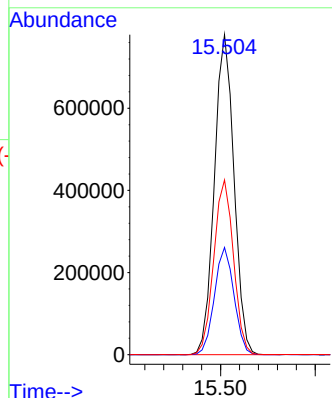
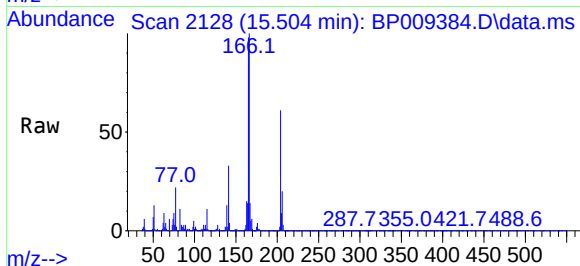
#61  
4-Chlorophenyl-phenylether  
Concen: 44.147 ng  
RT: 15.504 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:204 Resp: 112051  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.0 39.0  
141 54.6 45.9 68.9

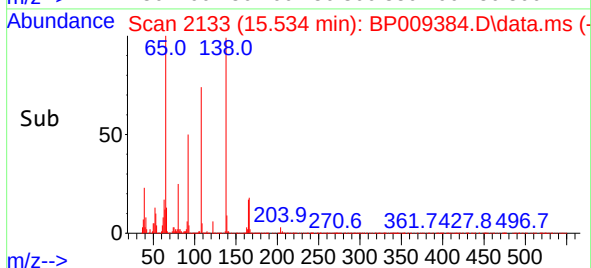
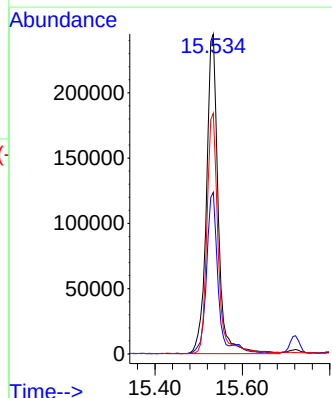
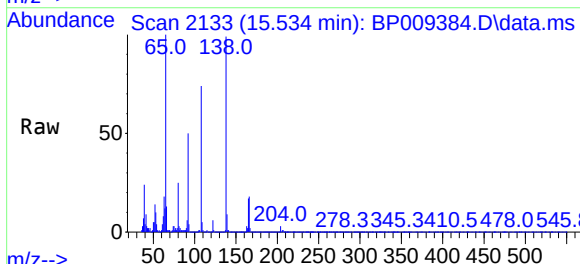
Manual Integrations  
APPROVED

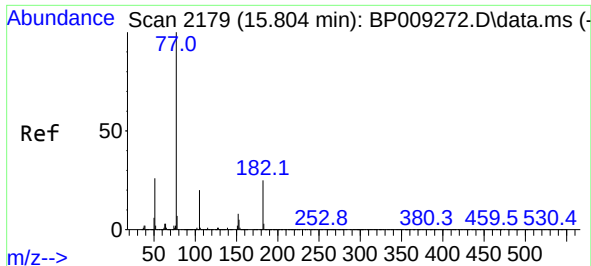
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#62  
4-Nitroaniline  
Concen: 44.434 ng  
RT: 15.534 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

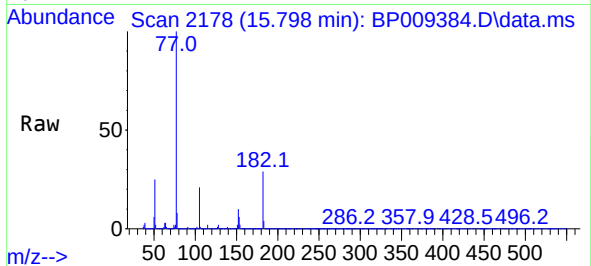
Tgt Ion:138 Resp: 457271  
Ion Ratio Lower Upper  
138 100  
92 50.5 31.2 71.2  
108 75.3 54.3 94.3





#63  
Azobenzene  
Concen: 39.878 ng  
RT: 15.798 min Scan# 2179  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

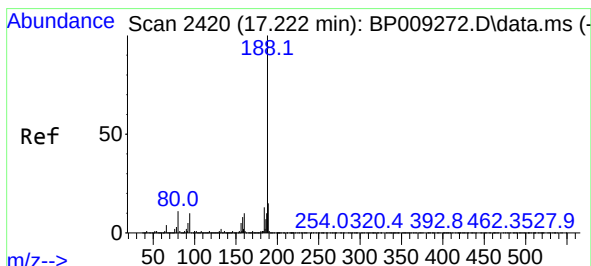
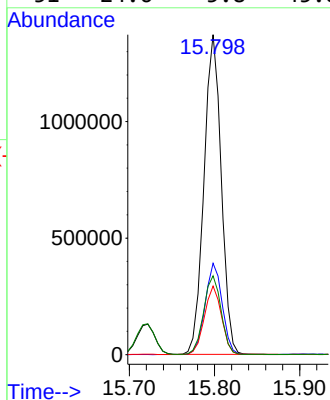
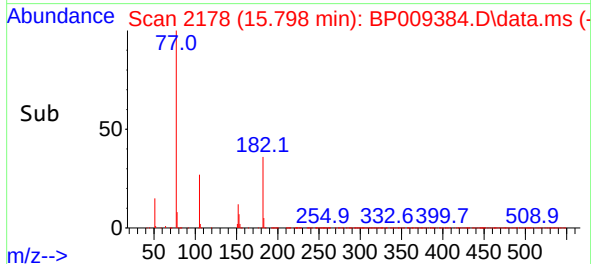
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion: 77 Resp: 1929774  
Ion Ratio Lower Upper  
77 100  
182 28.5 5.4 45.4  
105 21.5 0.3 40.3  
51 24.6 5.8 45.8

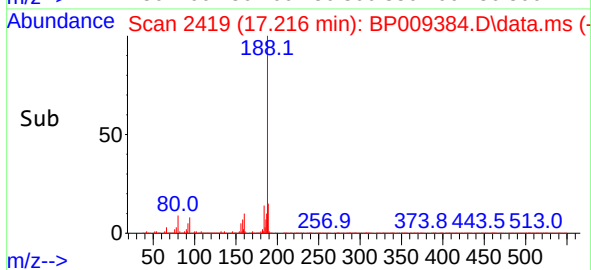
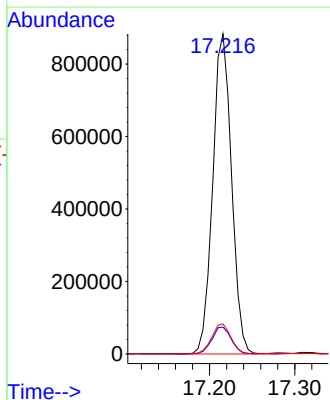
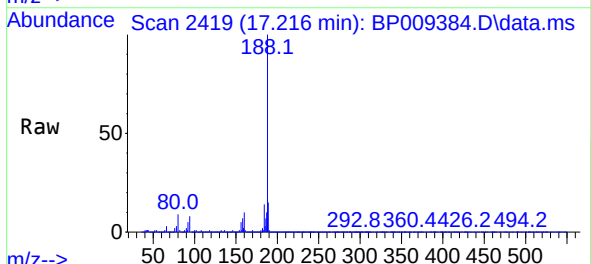
Manual Integrations  
APPROVED

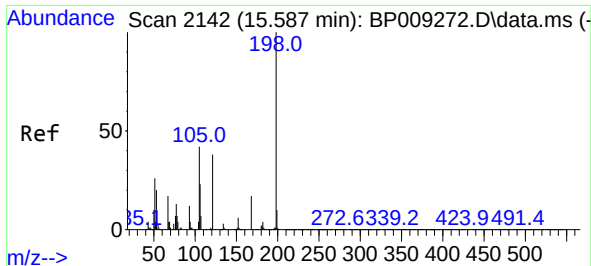
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.216 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:188 Resp: 1354465  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.9 11.9  
80 9.4 8.8 13.2





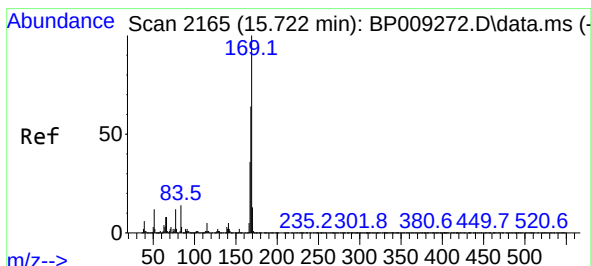
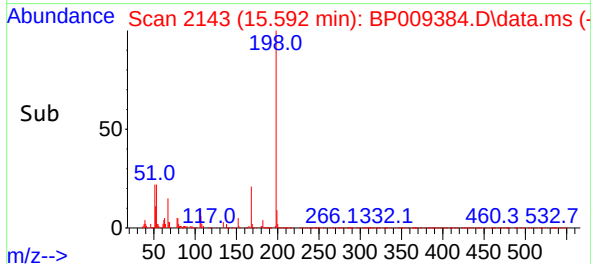
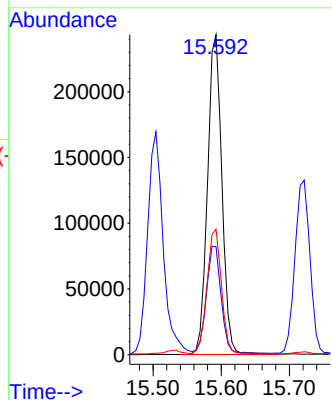
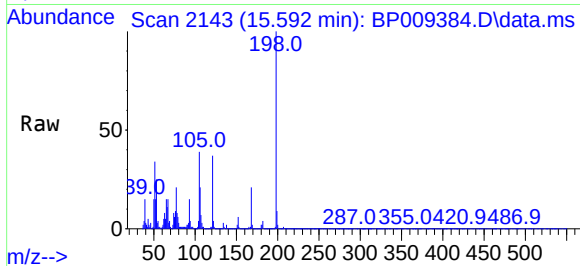
#65  
4,6-Dinitro-2-methylphenol  
Concen: 60.063 ng  
RT: 15.592 min Scan# 2143  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:198 Resp: 357834  
Ion Ratio Lower Upper  
198 100  
51 33.8 17.7 57.7  
105 39.2 23.2 63.2

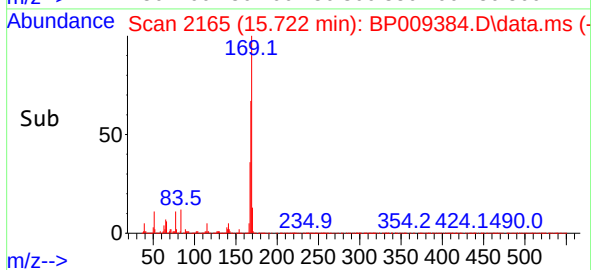
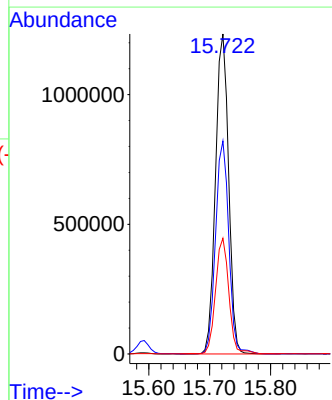
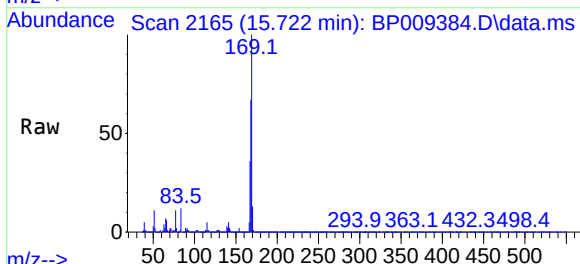
Manual Integrations  
APPROVED

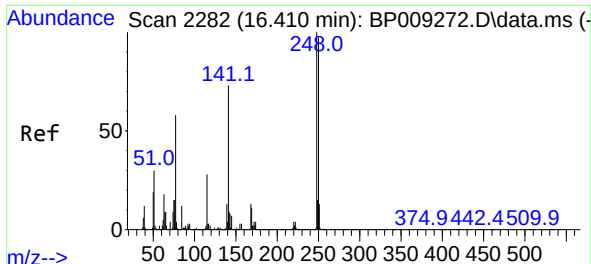
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#66  
n-Nitrosodiphenylamine  
Concen: 43.295 ng  
RT: 15.722 min Scan# 2165  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

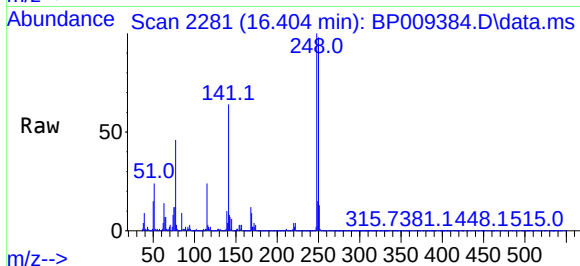
Tgt Ion:169 Resp: 1840784  
Ion Ratio Lower Upper  
169 100  
168 66.6 51.6 77.4  
167 36.2 29.0 43.4





#67  
4-Bromophenyl-phenylether  
Concen: 49.923 ng  
RT: 16.404 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

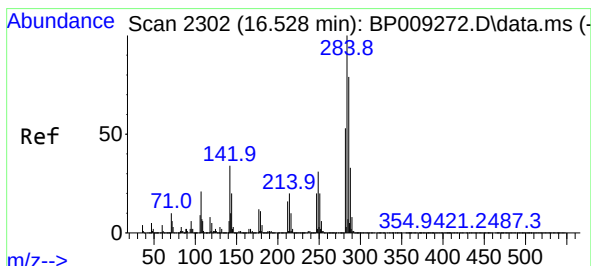
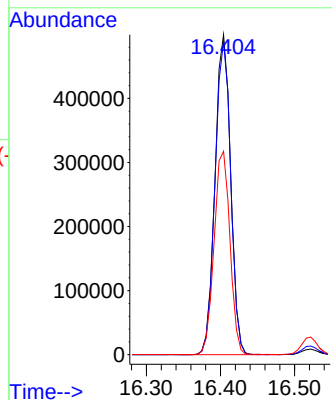
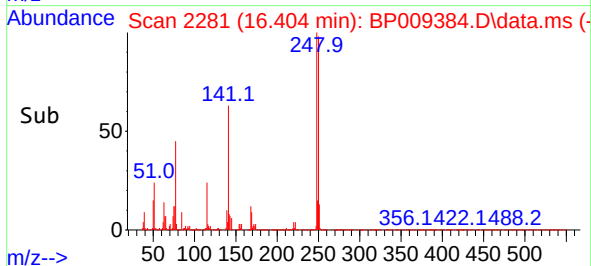
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:248 Resp: 729539  
Ion Ratio Lower Upper  
248 100  
250 97.8 77.7 116.5  
141 63.6 58.3 87.5

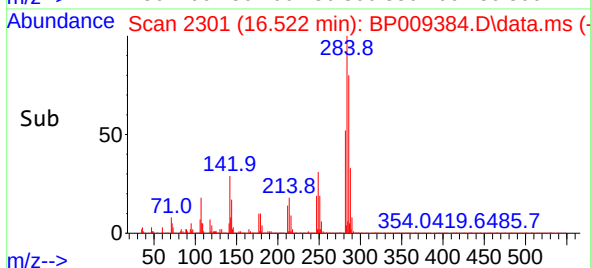
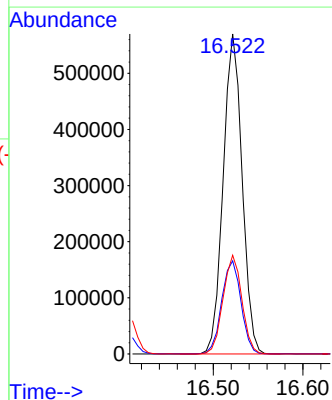
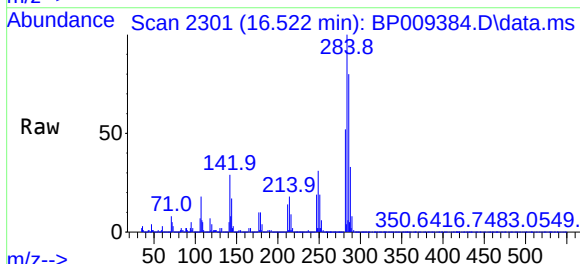
Manual Integrations  
APPROVED

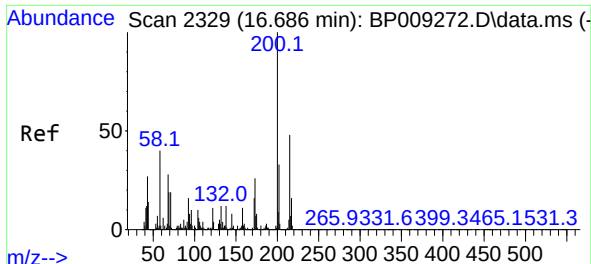
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#68  
Hexachlorobenzene  
Concen: 48.719 ng  
RT: 16.522 min Scan# 2301  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

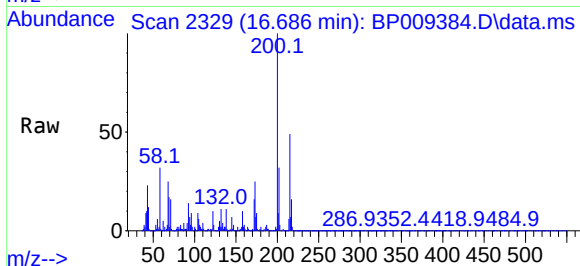
Tgt Ion:284 Resp: 835043  
Ion Ratio Lower Upper  
284 100  
142 29.1 26.8 40.2  
249 30.8 24.6 37.0





#69  
Atrazine  
Concen: 44.738 ng  
RT: 16.686 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

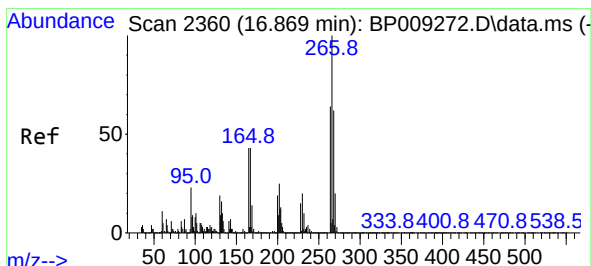
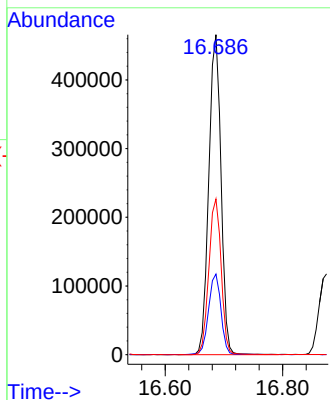
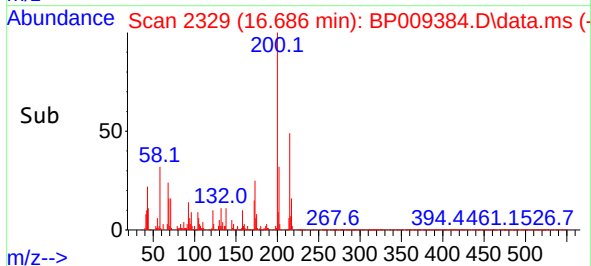
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



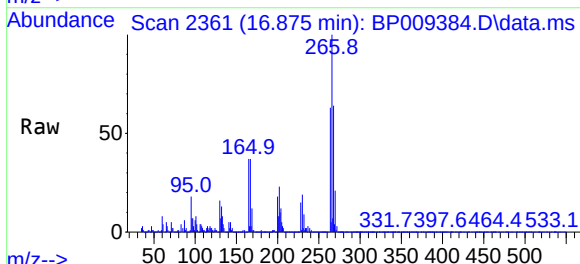
Tgt Ion:200 Resp: 669589  
Ion Ratio Lower Upper  
200 100  
173 25.2 6.2 46.2  
215 48.7 28.5 68.5

Manual Integrations  
APPROVED

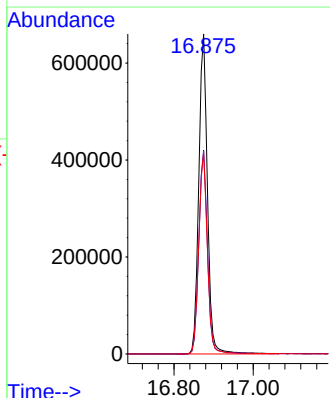
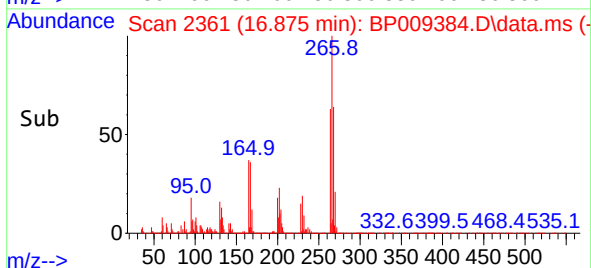
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

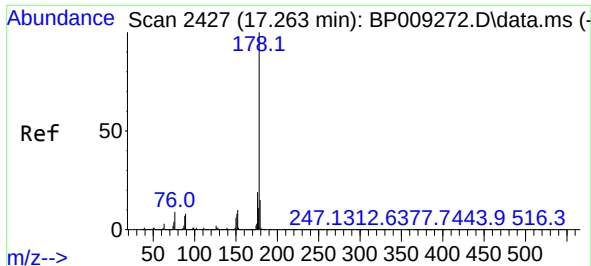


#70  
Pentachlorophenol  
Concen: 96.862 ng  
RT: 16.875 min Scan# 2361  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



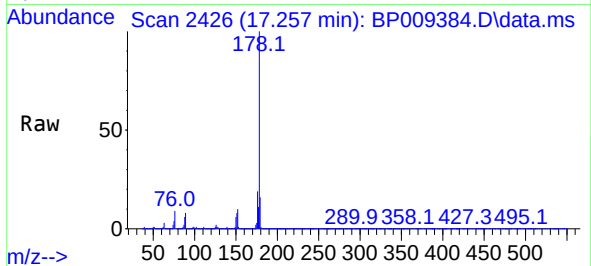
Tgt Ion:266 Resp: 999250  
Ion Ratio Lower Upper  
266 100  
268 63.6 49.8 74.8  
264 63.4 50.9 76.3





#71  
Phenanthrene  
Concen: 42.591 ng  
RT: 17.257 min Scan# 2426  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

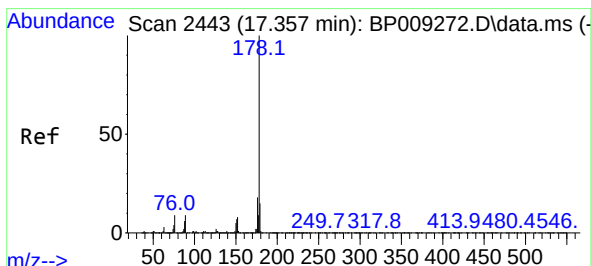
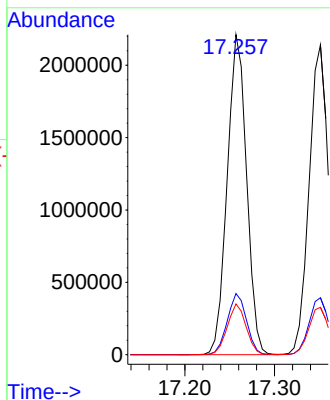
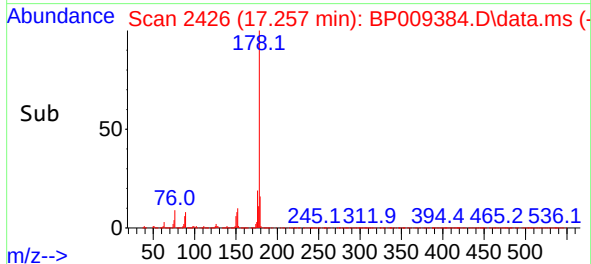
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



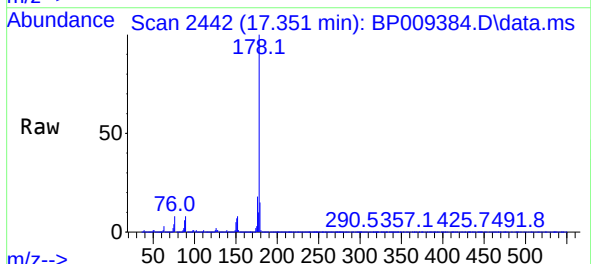
Tgt Ion:178 Resp: 331533  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.9 12.3 18.5

Manual Integrations  
APPROVED

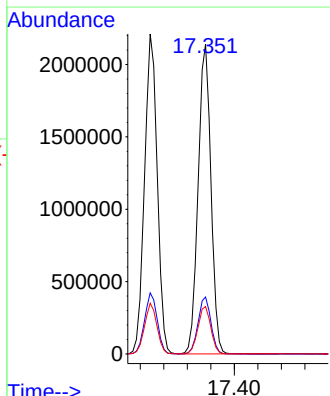
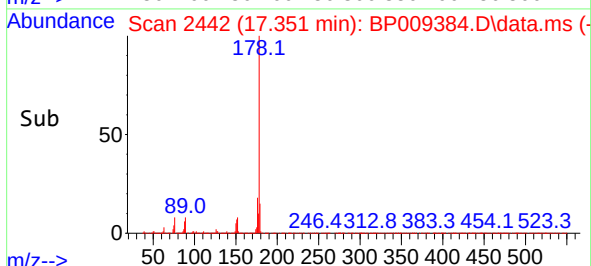
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

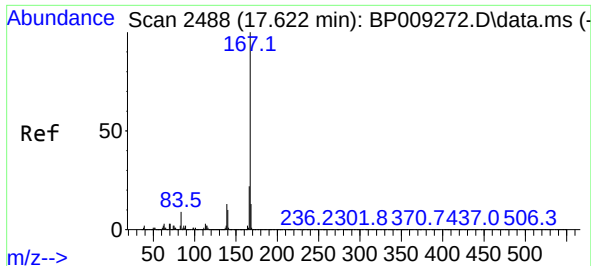


#72  
Anthracene  
Concen: 41.781 ng  
RT: 17.351 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



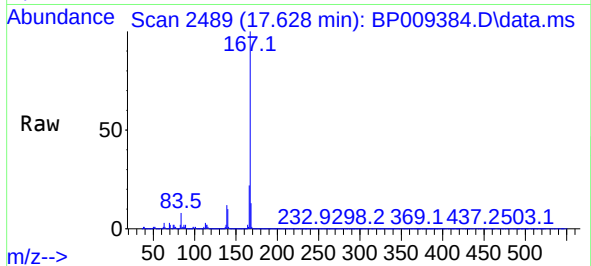
Tgt Ion:178 Resp: 3237230  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.3 12.2 18.4





#73  
 Carbazole  
 Concen: 41.471 ng  
 RT: 17.628 min Scan# 2488  
 Delta R.T. 0.006 min  
 Lab File: BP009384.D  
 Acq: 14 Mar 2022 16:19

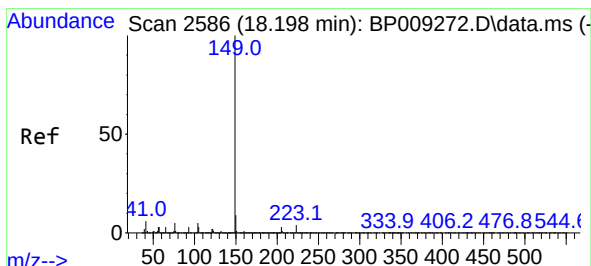
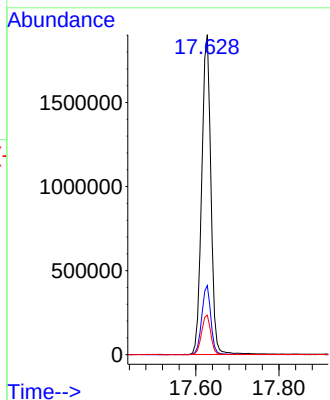
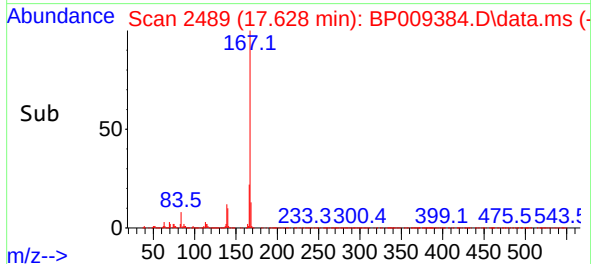
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SS-2(PILE-2)MS



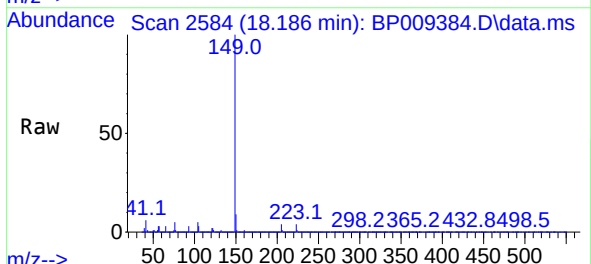
Tgt Ion:167 Resp: 2927799  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 12.4 10.3 15.5

Manual Integrations  
 APPROVED

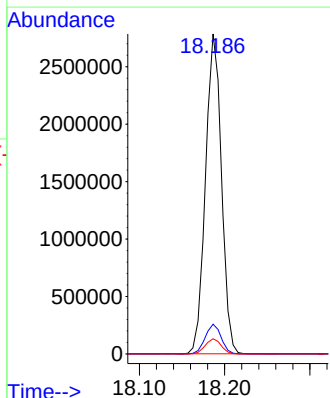
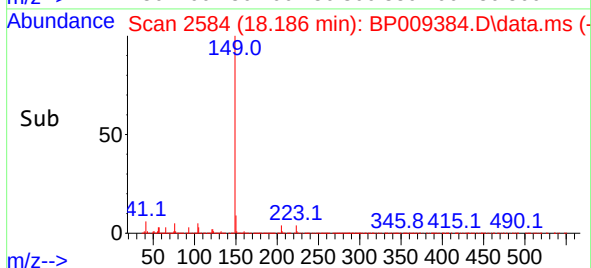
Reviewed By :Christian Giraldo 03/15/2022  
 Supervised By :mohammad ahmed 03/16/2022



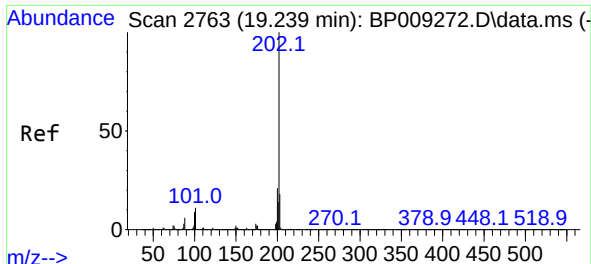
#74  
 Di-n-butylphthalate  
 Concen: 46.395 ng  
 RT: 18.186 min Scan# 2584  
 Delta R.T. -0.012 min  
 Lab File: BP009384.D  
 Acq: 14 Mar 2022 16:19



Tgt Ion:149 Resp: 3625293  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 4.8 4.2 6.2

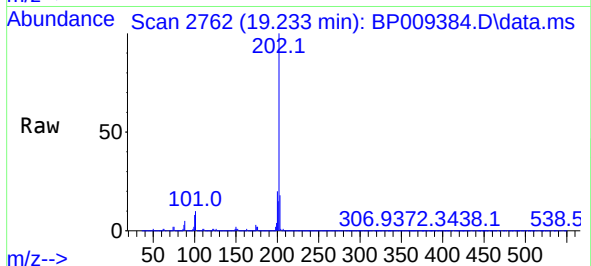






#75  
Fluoranthene  
Concen: 43.108 ng  
RT: 19.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

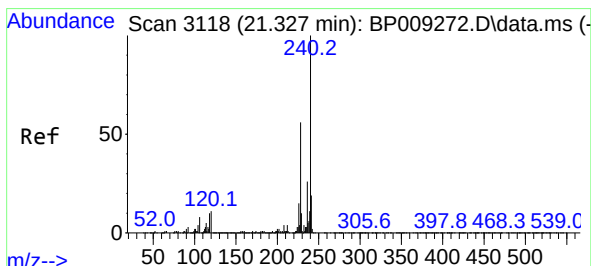
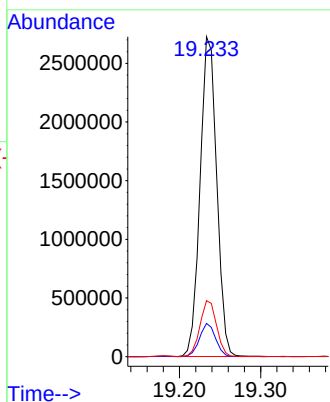
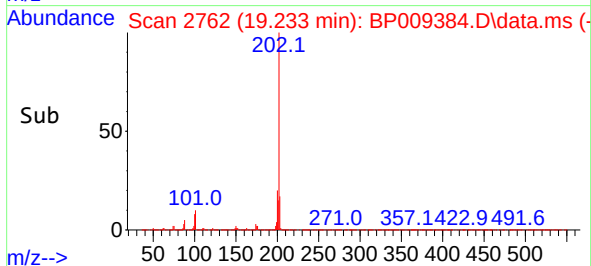
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:202 Resp: 387315  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.5  
203 17.5 0.0 37.8

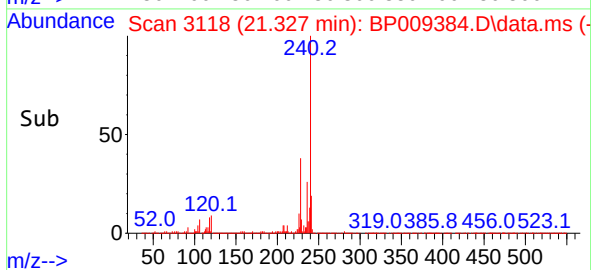
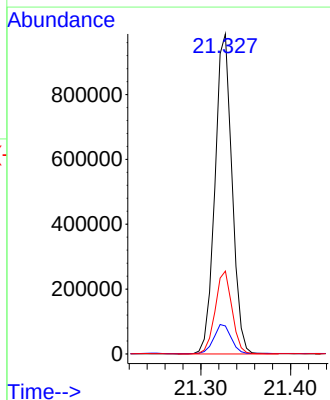
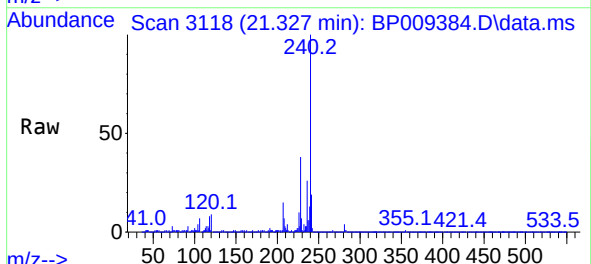
Manual Integrations  
APPROVED

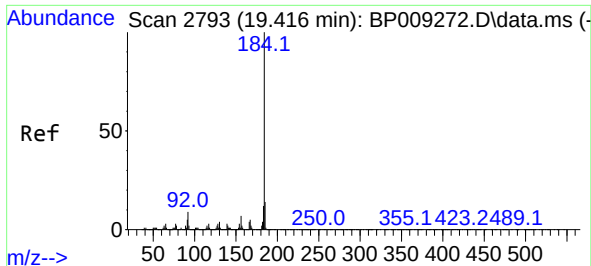
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.327 min Scan# 3118  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:240 Resp: 1300958  
Ion Ratio Lower Upper  
240 100  
120 8.8 9.0 13.4#  
236 25.9 20.6 30.8





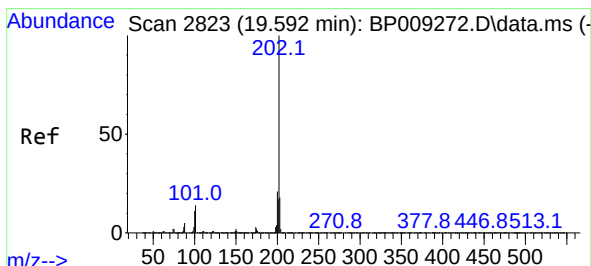
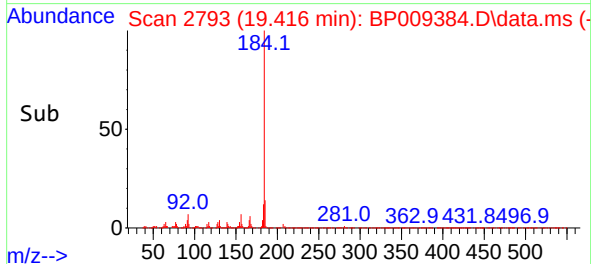
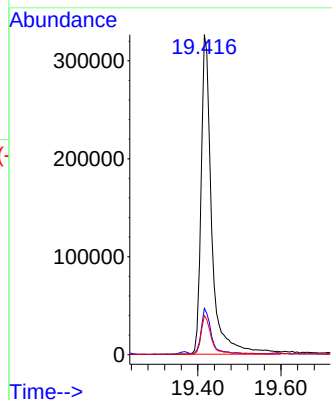
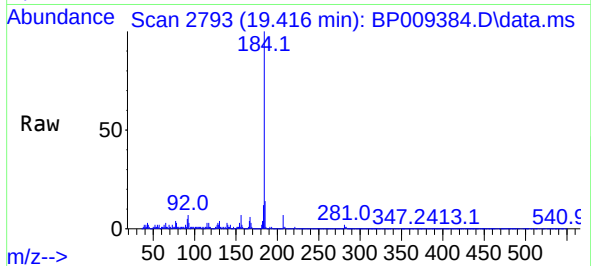
#77  
Benzidine  
Concen: 12.844 ng  
RT: 19.416 min Scan# 2793  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:184 Resp: 583224  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.5 17.3  
183 12.2 9.4 14.0

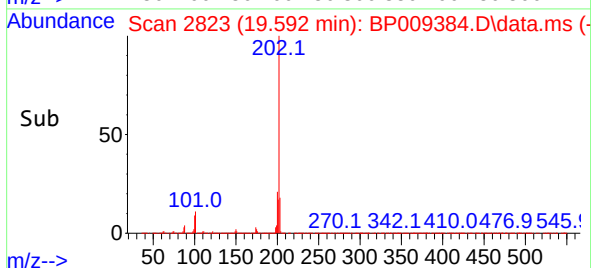
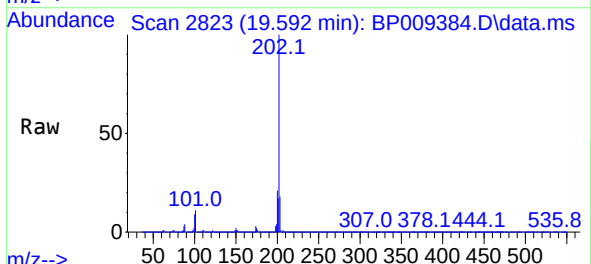
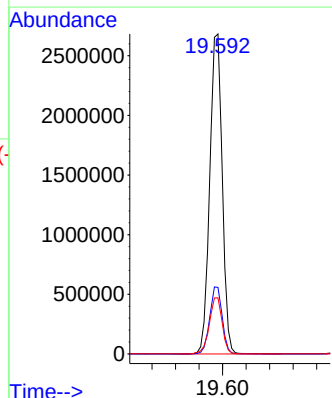
Manual Integrations  
APPROVED

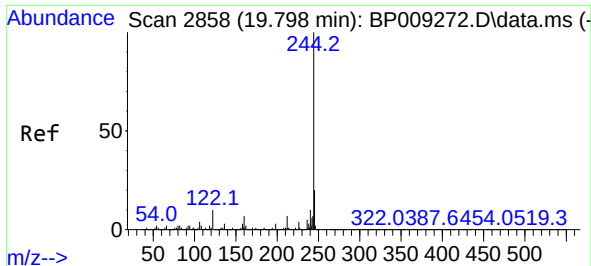
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#78  
Pyrene  
Concen: 45.086 ng  
RT: 19.592 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

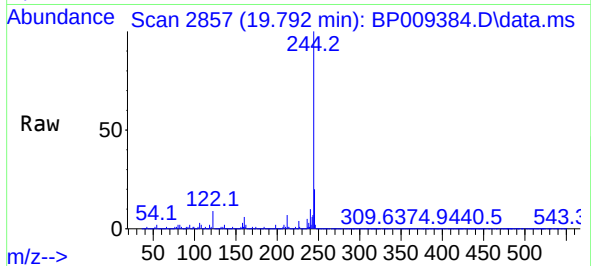
Tgt Ion:202 Resp: 3960220  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.8 25.2  
203 17.5 14.2 21.4





#79  
 Terphenyl-d14  
 Concen: 49.110 ng  
 RT: 19.792 min Scan# 2858  
 Delta R.T. -0.006 min  
 Lab File: BP009384.D  
 Acq: 14 Mar 2022 16:19

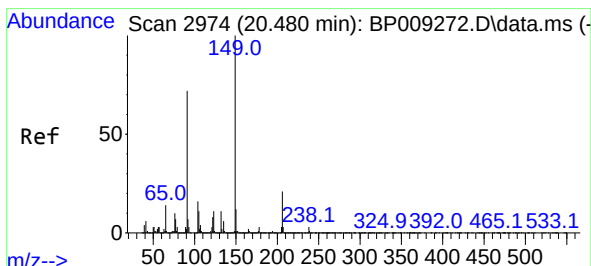
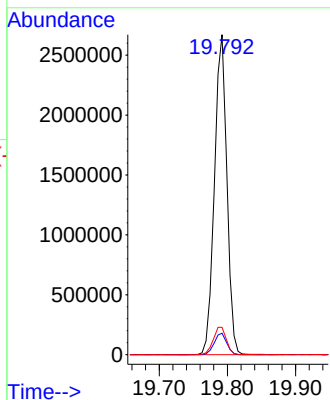
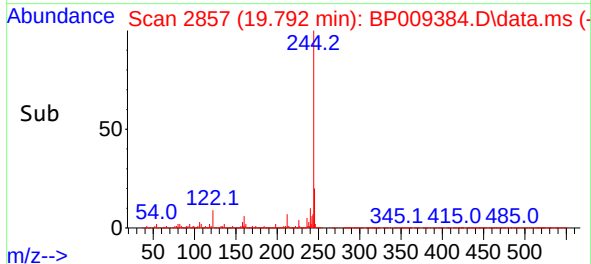
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SS-2(PILE-2)MS



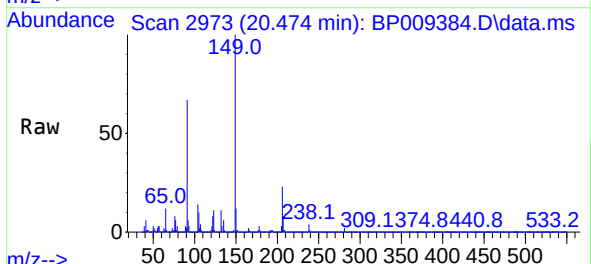
Tgt Ion:244 Resp: 3385598  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.8 8.6  
 122 8.6 8.3 12.5

Manual Integrations  
 APPROVED

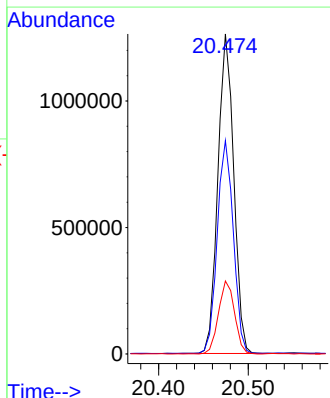
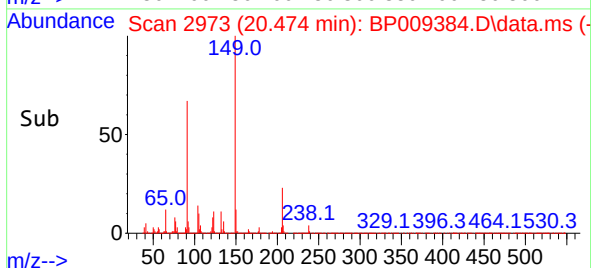
Reviewed By :Christian Giraldo 03/15/2022  
 Supervised By :mohammad ahmed 03/16/2022

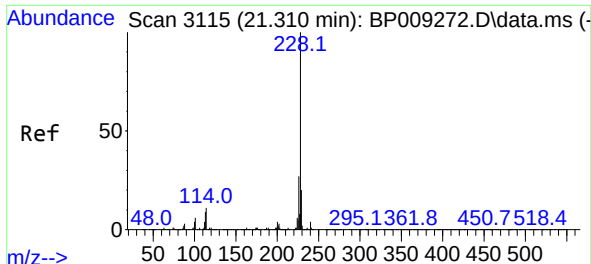


#80  
 Butylbenzylphthalate  
 Concen: 48.912 ng  
 RT: 20.474 min Scan# 2973  
 Delta R.T. -0.006 min  
 Lab File: BP009384.D  
 Acq: 14 Mar 2022 16:19



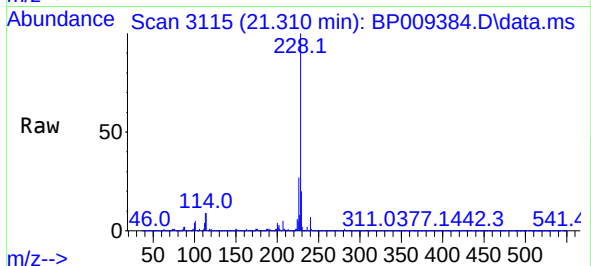
Tgt Ion:149 Resp: 1550725  
 Ion Ratio Lower Upper  
 149 100  
 91 66.7 57.9 86.9  
 206 22.8 16.9 25.3





#81  
Benzo(a)anthracene  
Concen: 43.981 ng  
RT: 21.310 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

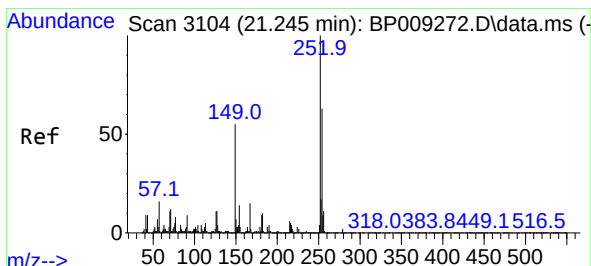
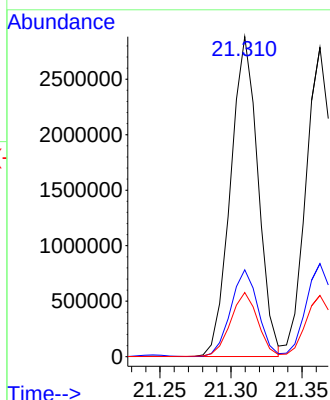
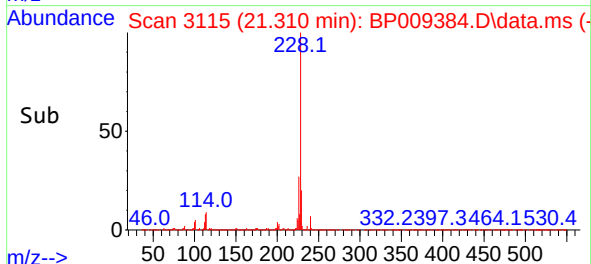
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



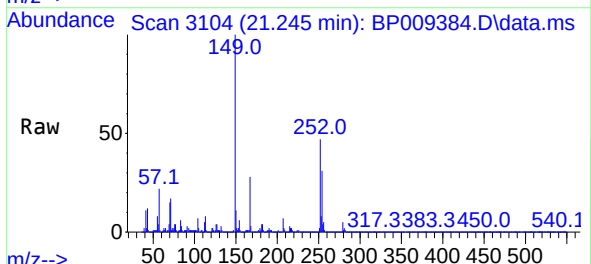
Tgt Ion:228 Resp: 387814  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.0 33.0  
229 20.0 16.1 24.1

Manual Integrations  
APPROVED

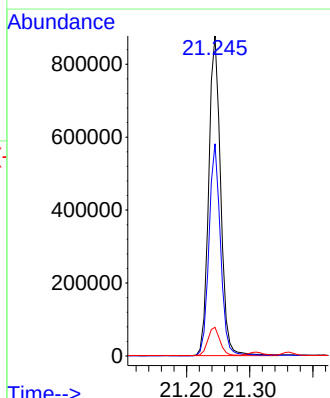
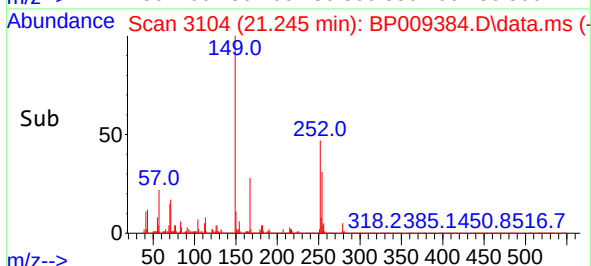
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

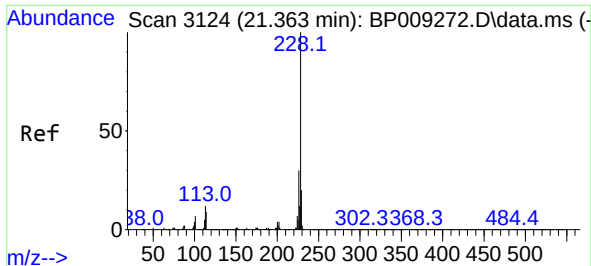


#82  
3,3'-Dichlorobenzidine  
Concen: 35.632 ng  
RT: 21.245 min Scan# 3104  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



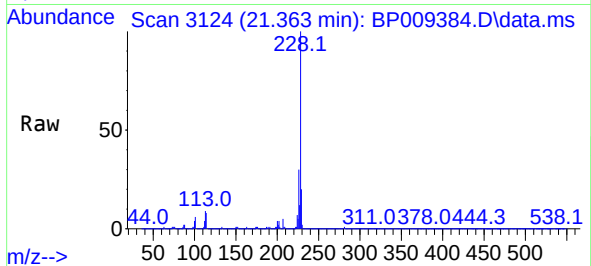
Tgt Ion:252 Resp: 1153347  
Ion Ratio Lower Upper  
252 100  
254 66.3 50.7 76.1  
126 9.0 8.9 13.3





#83  
Chrysene  
Concen: 42.481 ng  
RT: 21.363 min Scan# 3124  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

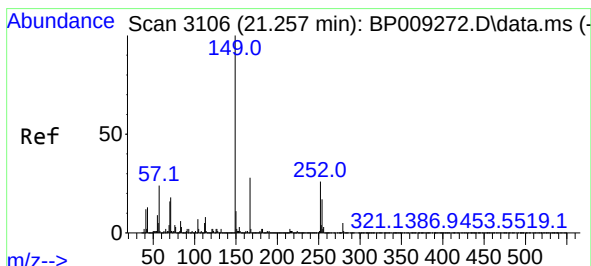
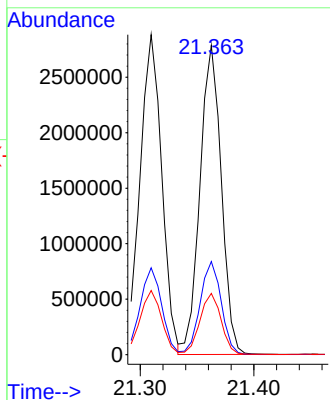
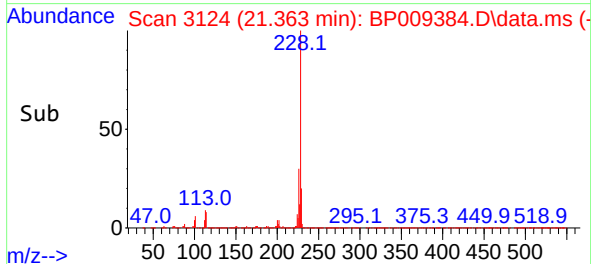
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:228 Resp: 3636900  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.2 36.2  
229 19.8 16.1 24.1

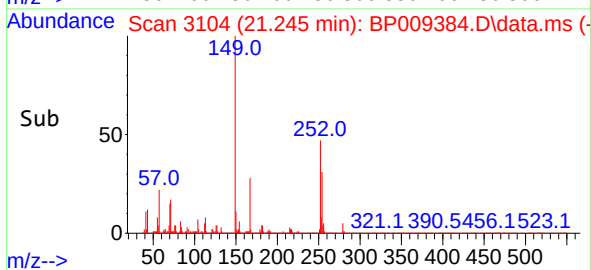
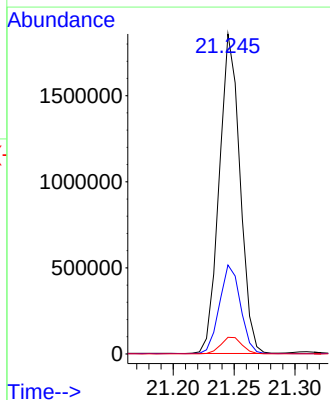
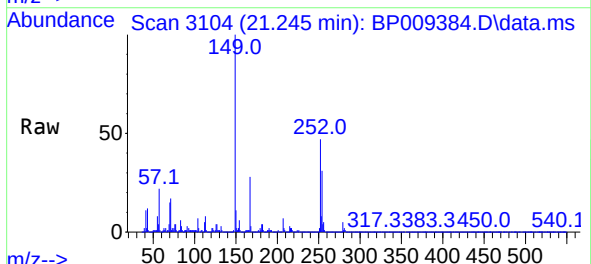
Manual Integrations  
APPROVED

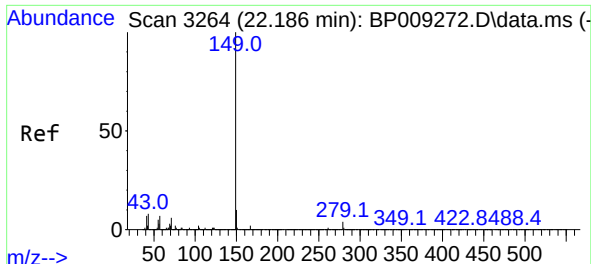
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.329 ng  
RT: 21.245 min Scan# 3104  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:149 Resp: 2197055  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.6 33.8  
279 5.2 3.8 5.6





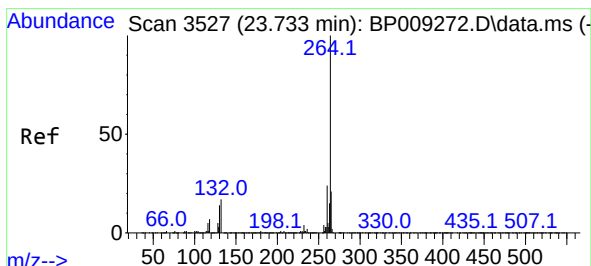
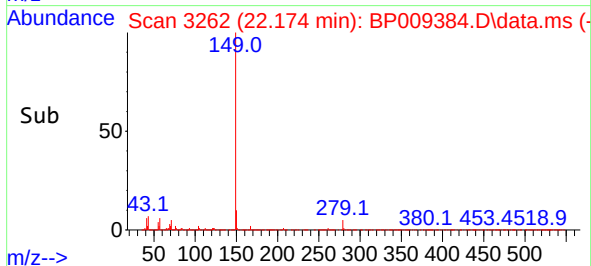
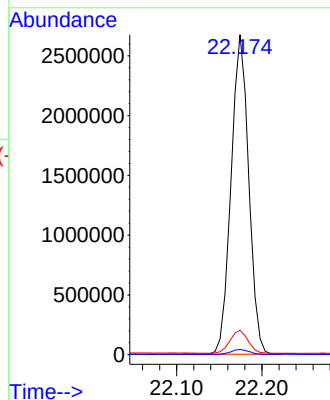
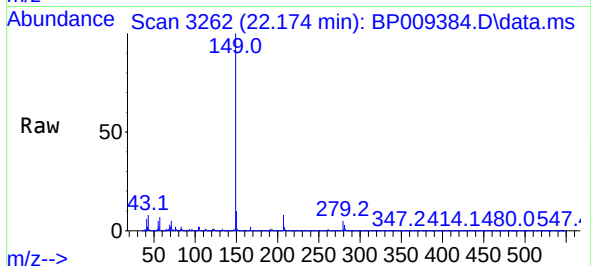
#85  
Di-n-octyl phthalate  
Concen: 46.163 ng  
RT: 22.174 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS

Tgt Ion:149 Resp: 383236  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.4 6.9 10.3

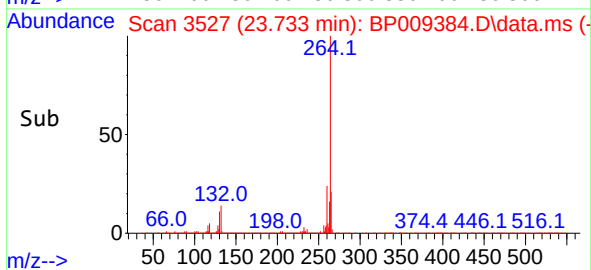
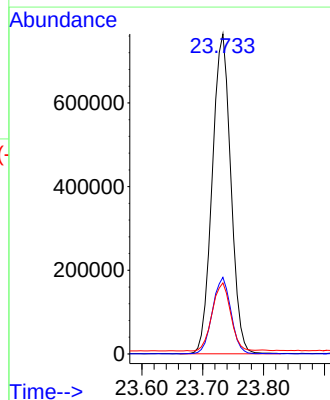
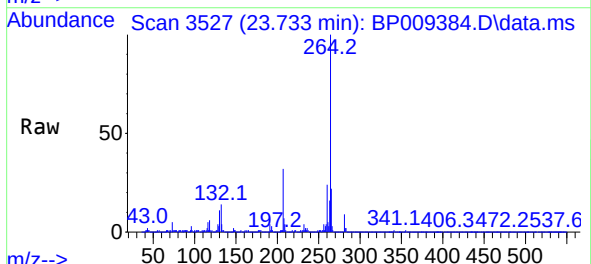
Manual Integrations  
APPROVED

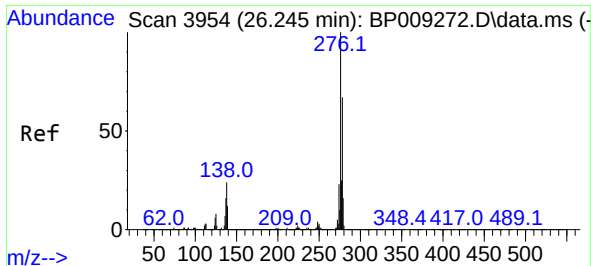
Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.733 min Scan# 3527  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

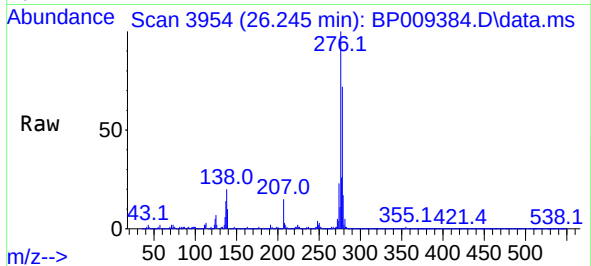
Tgt Ion:264 Resp: 1620903  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.4 29.0  
265 22.2 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.195 ng  
RT: 26.245 min Scan# 3954  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

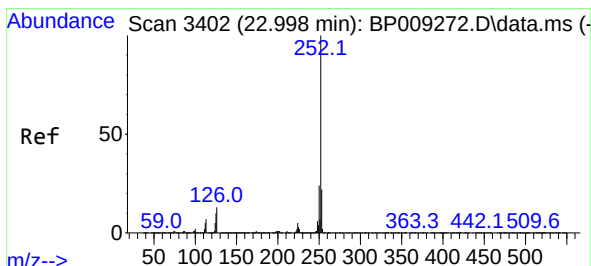
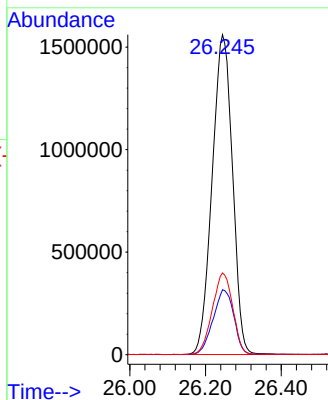
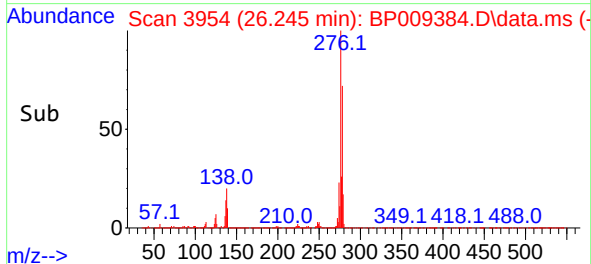
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



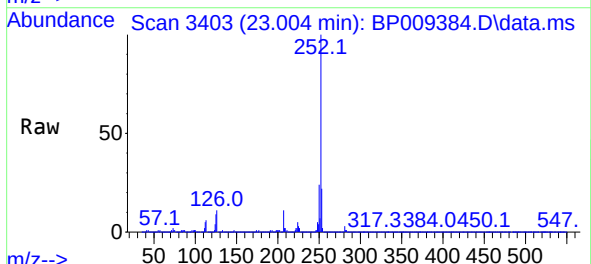
Tgt Ion: 276 Resp: 581766  
Ion Ratio Lower Upper  
276 100  
138 20.7 20.5 30.7  
277 25.5 20.4 30.6

Manual Integrations  
APPROVED

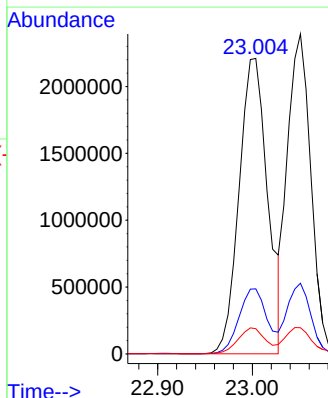
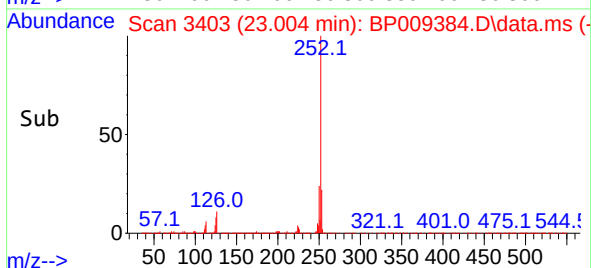
Reviewed By : Christian Giraldo 03/15/2022  
Supervised By : mohammad ahmed 03/16/2022

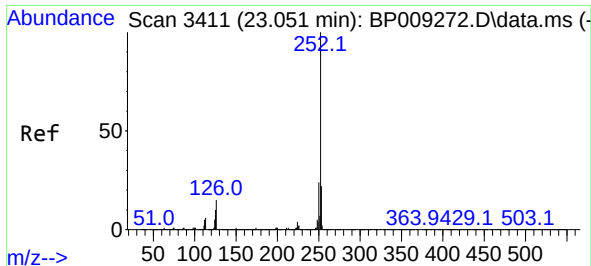


#88  
Benzo(b)fluoranthene  
Concen: 42.446 ng  
RT: 23.004 min Scan# 3403  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



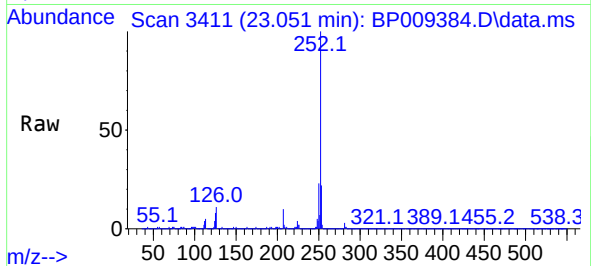
Tgt Ion: 252 Resp: 4645327  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 8.6 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 39.255 ng m  
RT: 23.051 min Scan# 3411  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

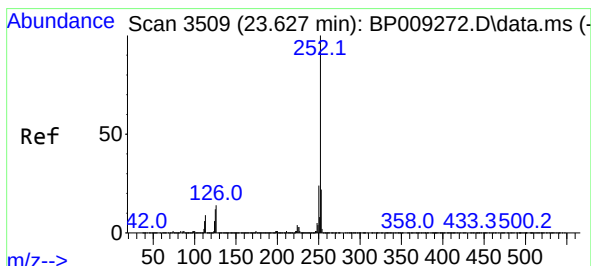
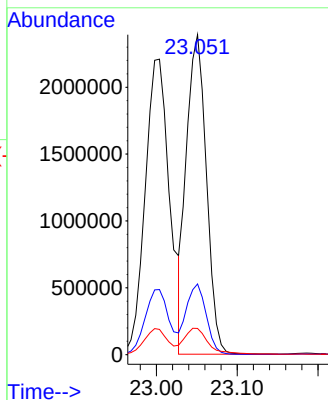
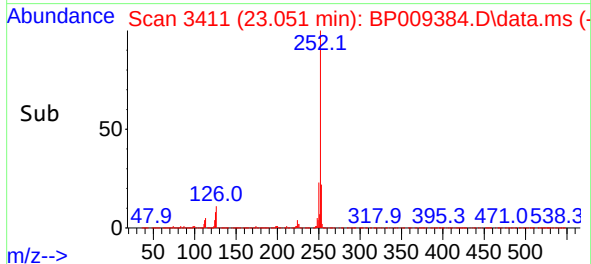
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



Tgt Ion:252 Resp: 4104278  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 8.2 8.3 12.5

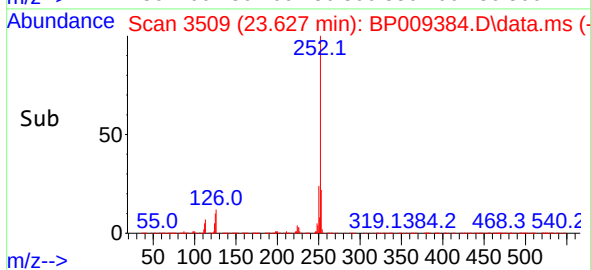
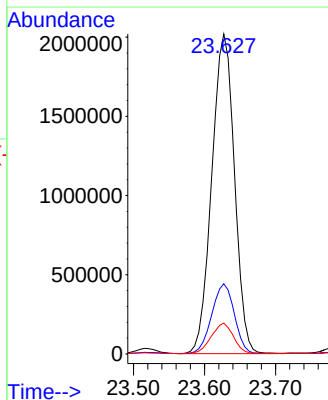
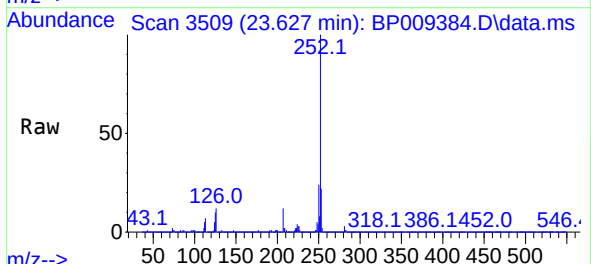
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/15/2022  
Supervised By :mohammad ahmed 03/16/2022

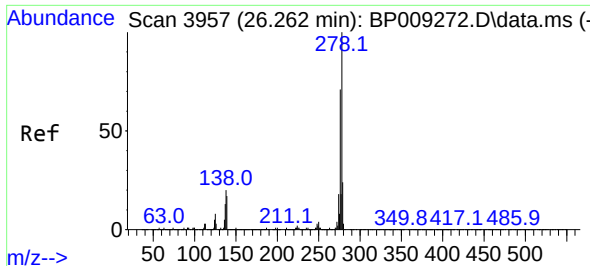


#90  
Benzo(a)pyrene  
Concen: 43.085 ng  
RT: 23.627 min Scan# 3509  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

Tgt Ion:252 Resp: 4472159  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 9.7 9.3 13.9

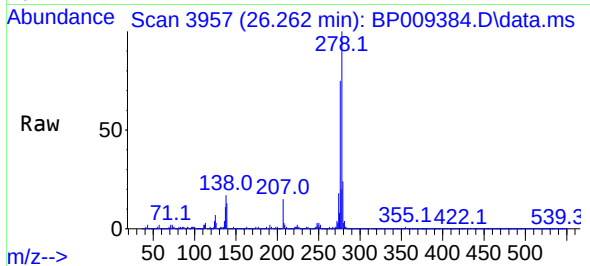






#91  
Dibenzo(a,h)anthracene  
Concen: 47.242 ng  
RT: 26.262 min Scan# 3957  
Delta R.T. -0.000 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19

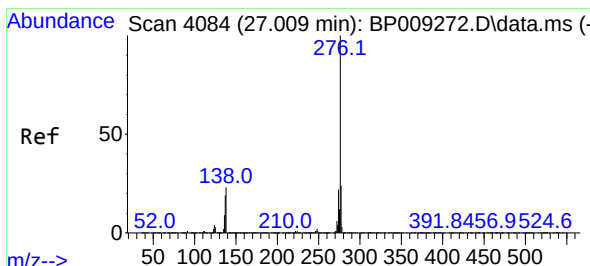
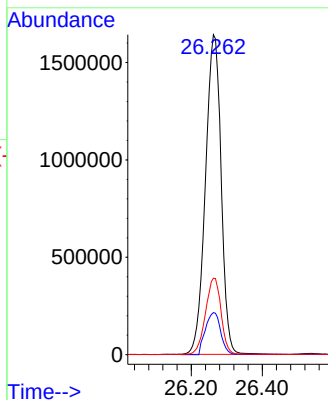
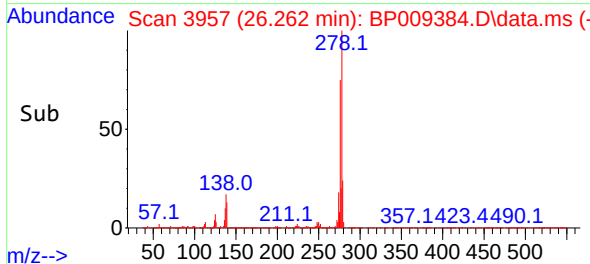
Instrument :  
BNA\_P  
ClientSampleId :  
SS-2(PILE-2)MS



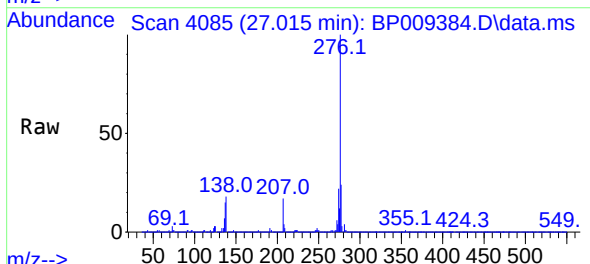
Tgt Ion: 278 Resp: 5044759  
Ion Ratio Lower Upper  
278 100  
139 13.2 13.2 19.8  
279 23.9 19.2 28.8

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 03/15/2022  
Supervised By : mohammad ahmed 03/16/2022



#92  
Benzo(g,h,i)perylene  
Concen: 48.685 ng  
RT: 27.015 min Scan# 4085  
Delta R.T. 0.006 min  
Lab File: BP009384.D  
Acq: 14 Mar 2022 16:19



Tgt Ion: 276 Resp: 5136004  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.2 28.8  
138 17.7 18.0 27.0

