

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090823\  
 Data File : BP017049.D  
 Acq On : 09 Sep 2023 13:25  
 Operator : MA/JU  
 Sample : 04227-09MSD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH9X8MSD

Quant Time: Sep 10 00:15:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 09 01:41:21 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/11/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 313362   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.798 | 136  | 1382928  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.628 | 164  | 834313   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.398 | 188  | 1765029  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.492 | 240  | 1526409  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.027 | 264  | 1420490  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.322  | 96   | 47515    | 5.736  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.764  | 84   | 345520m  | 14.597 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.122  | 99   | 318453   | 11.124 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.310  | 67   | 846959   | 47.297 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 781238   | 37.705 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.687  | 113  | 551988   | 25.309 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 493396   | 45.988 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.887  | 143  | 525594   | 45.192 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.410 | 165  | 913883   | 42.562 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 1085876  | 35.053 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 2954892  | 47.580 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.328 | 160  | 3383398  | 47.207 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.845 | 143  | 129807   | 10.700 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.628 | 176  | 2538144  | 47.734 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.757 | 200  | 489661   | 46.099 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.498 | 188  | 3962355  | 48.883 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.733 | 212  | 4477407  | 48.158 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.862 | 264  | 3599387  | 49.947 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.358  | 88   | 74703    | 8.352  | ng/uL  | 97       |
| 5) Pyridine                   | 3.781  | 79   | 399619   | 15.858 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.128  | 77   | 744119   | 57.348 | ng/u1  | 99       |
| 8) Phenol                     | 7.146  | 94   | 357372   | 12.015 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.405  | 93   | 1120573  | 47.242 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.528  | 128  | 841688   | 38.131 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.410  | 108  | 651065   | 29.841 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487  | 45   | 1653148m | 49.501 | ng/u1  |          |
| 16) Acetophenone              | 8.822  | 105  | 1732617  | 49.228 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.799  | 70   | 941468   | 50.075 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.752  | 108  | 629521   | 26.457 | ng/u1  | 98       |
| 19) Hexachloroethane          | 9.040  | 117  | 400861   | 43.837 | ng/u1  | 93       |
| 22) Nitrobenzene              | 9.216  | 77   | 1400939  | 48.903 | ng/u1  | 98       |
| 23) Isophorone                | 9.734  | 82   | 2584775  | 48.026 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.916  | 139  | 591781   | 46.215 | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.957  | 107  | 920047   | 35.191 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.216 | 93   | 1546731  | 46.372 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.440 | 162  | 942125   | 43.055 | ng/u1  | 98       |
| 30) Naphthalene               | 10.851 | 128  | 3379134  | 44.780 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.987 | 127  | 1051795  | 32.625 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.081 | 225  | 518376   | 39.634 | ng/u1  | 98       |
| 34) Caprolactam               | 11.822 | 113  | 44545    | 6.147  | ng/u1  | 82       |
| 35) 4-Chloro-3-methylphenol   | 12.081 | 107  | 964884   | 40.238 | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.451 | 142  | 2307521  | 46.273 | ng/u1  | 100      |

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Quant Time: Sep 10 00:15:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 09 01:41:21 2023  
 Response via : Initial Calibration

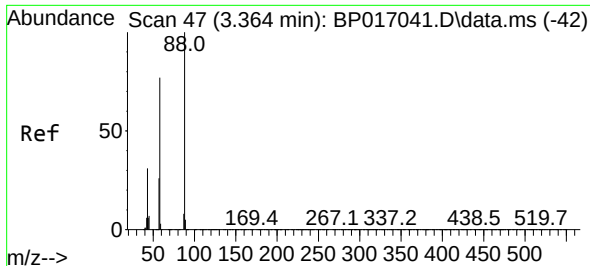
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023  
 Supervised By :mohammad ahmed 09/11/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.675 | 142  | 2254607  | 44.906 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.804 | 216  | 1073814  | 43.684 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.751 | 237  | 430431   | 27.025 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.057 | 196  | 762570   | 45.580 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.122 | 196  | 833433   | 45.784 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.463 | 154  | 3105247  | 47.020 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.510 | 162  | 2427781  | 46.821 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.745 | 65   | 855637   | 55.409 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 14.092 | 163  | 3104330  | 47.640 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.239 | 165  | 642450   | 50.767 | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.357 | 152  | 3864643  | 48.156 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.575 | 138  | 625592   | 49.535 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.692 | 153  | 2713209  | 48.456 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.775 | 184  | 321622   | 40.990 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.857 | 109  | 116974   | 12.048 | ng/ul  | 92       |
| 56) Dibenzofuran              | 15.028 | 168  | 3681187  | 47.814 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 15.016 | 165  | 963296   | 53.028 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232  | 666541   | 45.415 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.445 | 149  | 3194211  | 49.053 | ng/ul  | 100      |
| 61) Fluorene                  | 15.681 | 166  | 3144315  | 49.536 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.675 | 204  | 1462355  | 47.672 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.745 | 138  | 671206   | 60.448 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.769 | 198  | 511711   | 45.983 | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 15.898 | 169  | 2517253  | 47.298 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.575 | 248  | 811458   | 46.211 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.657 | 284  | 881759   | 45.808 | ng/ul  | 96       |
| 70) Atrazine                  | 16.851 | 200  | 634969   | 34.846 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.022 | 266  | 541256   | 43.119 | ng/ul  | 100      |
| 72) Phenanthrene              | 17.439 | 178  | 4883773  | 49.795 | ng/ul  | 99       |
| 74) Anthracene                | 17.533 | 178  | 4906863  | 49.769 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.416 | 216  | 104462   | 4.155  | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.922 | 250  | 1068738  | 44.130 | ng/uL  | 100      |
| 77) Carbazole                 | 17.816 | 167  | 4641290  | 52.385 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.327 | 149  | 5756140  | 53.031 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.404 | 202  | 5617581  | 48.390 | ng/ul  | 98       |
| 82) Pyrene                    | 19.763 | 202  | 5866946  | 48.675 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.621 | 149  | 2721163  | 54.590 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.416 | 252  | 1207269  | 35.638 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.480 | 228  | 5439865  | 50.602 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.357 | 149  | 3900634  | 56.643 | ng/ul  | 98       |
| 87) Chrysene                  | 21.533 | 228  | 5069429  | 50.412 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.321 | 149  | 6464763  | 54.291 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.239 | 252  | 4894286  | 49.314 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.292 | 252  | 4867158  | 50.643 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.915 | 252  | 4194891  | 50.676 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.715 | 276  | 4907001  | 53.402 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.739 | 278  | 4084642  | 53.858 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.562 | 276  | 3747448  | 51.752 | ng/ul  | 98       |

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





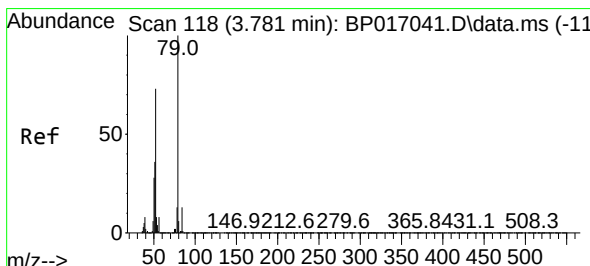
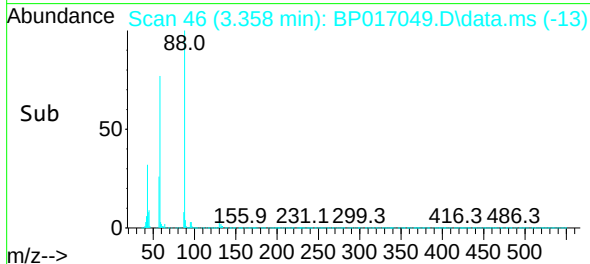
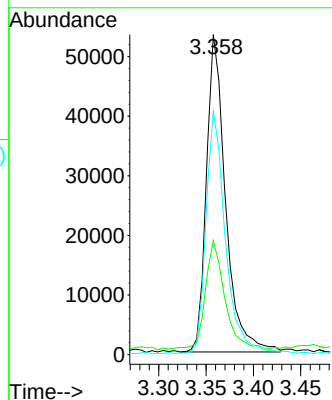
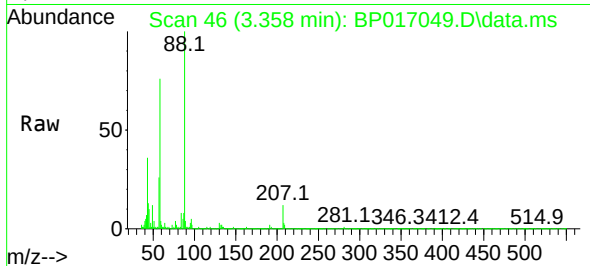
#2  
1,4-Dioxane  
Concen: 8.352 ng/uL  
RT: 3.358 min Scan# 40  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD

Tgt Ion: 88 Resp: 7470  
Ion Ratio Lower Upper  
88 100  
43 35.6 25.0 37.6  
58 76.2 60.6 90.8

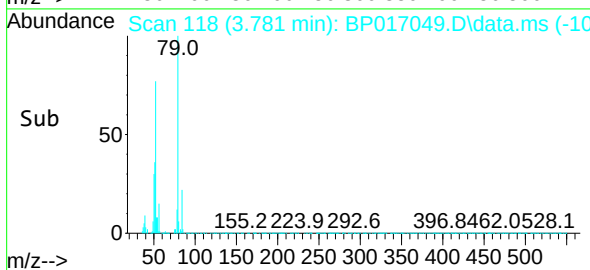
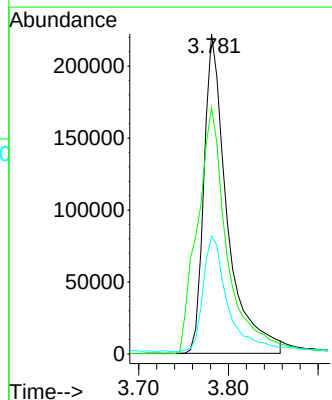
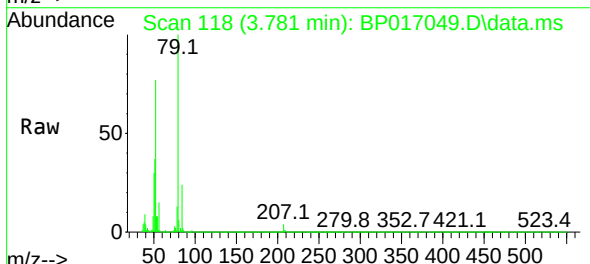
Manual Integrations  
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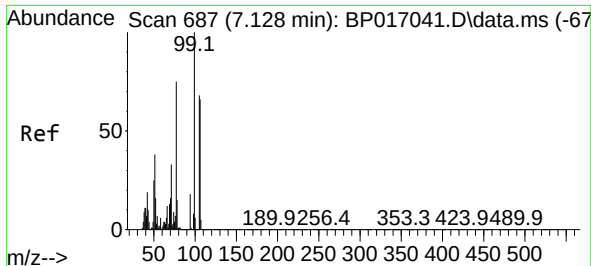
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#5  
Pyridine  
Concen: 15.858 ng/uL  
RT: 3.781 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

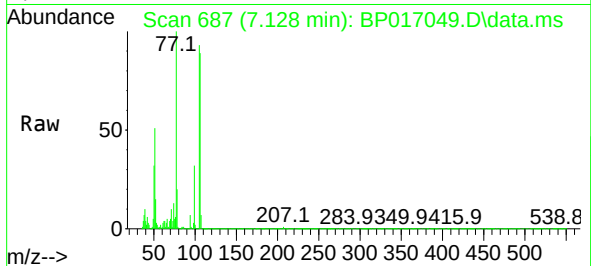
Tgt Ion: 79 Resp: 399619  
Ion Ratio Lower Upper  
79 100  
52 76.9 60.1 90.1  
51 36.7 30.5 45.7





#6  
Benzaldehyde  
Concen: 57.348 ng/ul  
RT: 7.128 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

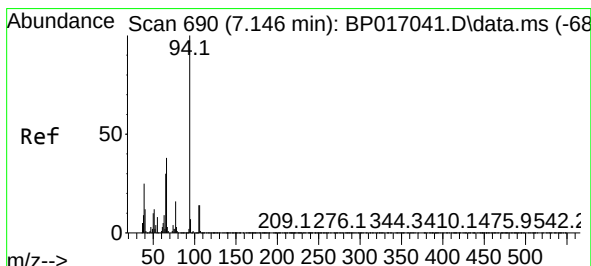
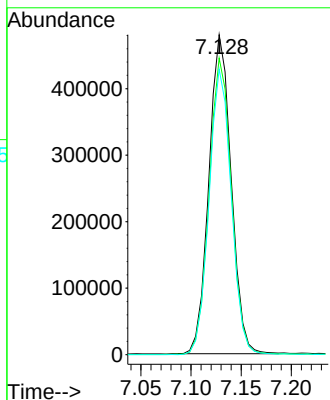
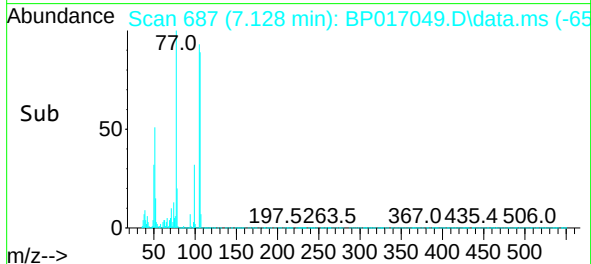
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



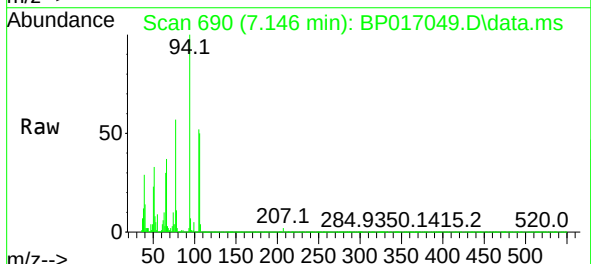
Tgt Ion: 77 Resp: 744119  
Ion Ratio Lower Upper  
77 100  
105 92.7 75.4 113.0  
106 89.3 71.4 107.2

Manual Integrations  
APPROVED

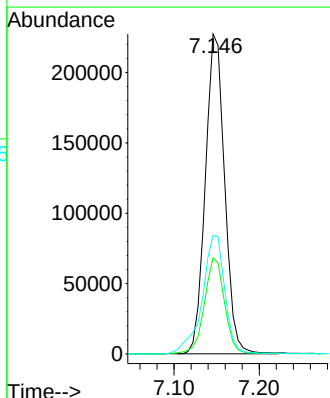
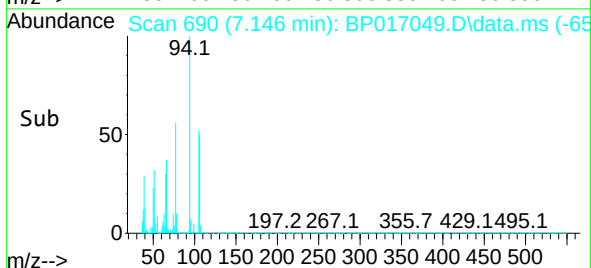
Reviewed By :Yogesh Patel 09/11/2023  
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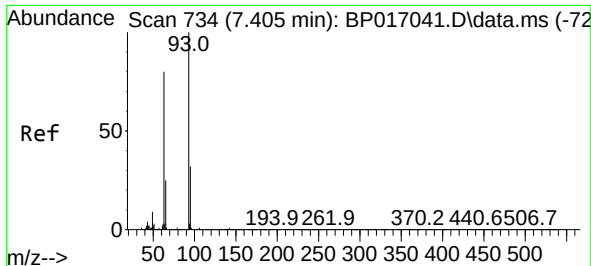


#8  
Phenol  
Concen: 12.015 ng/ul  
RT: 7.146 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



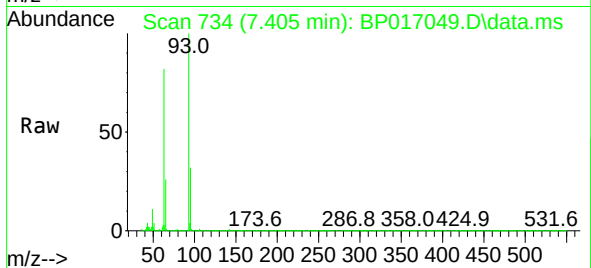
Tgt Ion: 94 Resp: 357372  
Ion Ratio Lower Upper  
94 100  
65 30.1 23.2 34.8  
66 37.0 29.4 44.2





#10  
Bis(2-Chloroethyl)ether  
Concen: 47.242 ng/ul  
RT: 7.405 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

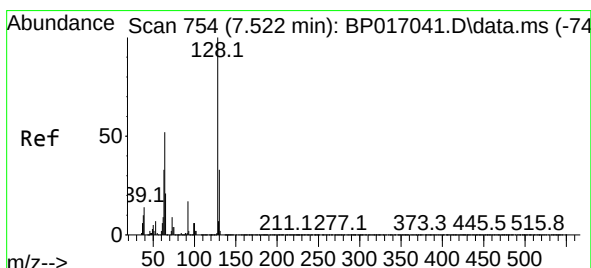
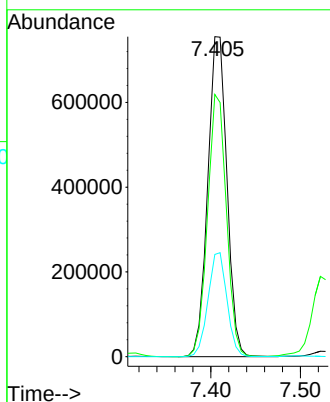
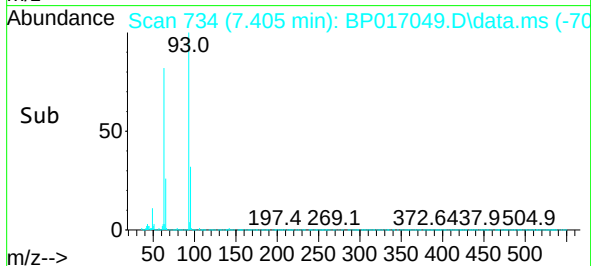
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



Tgt Ion: 93 Resp: 112057  
Ion Ratio Lower Upper  
93 100  
63 81.9 63.4 95.2  
95 32.0 26.1 39.1

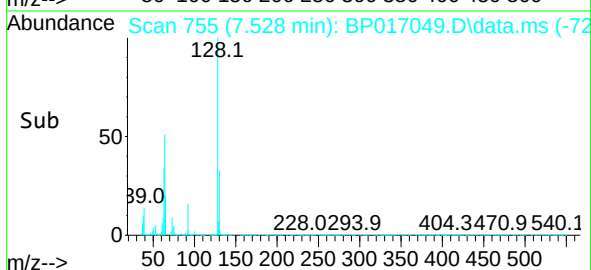
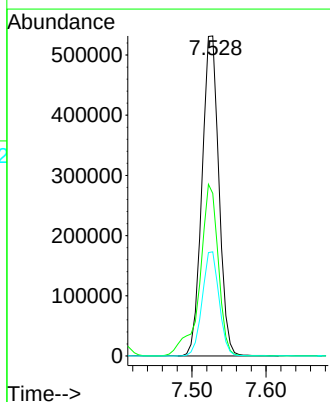
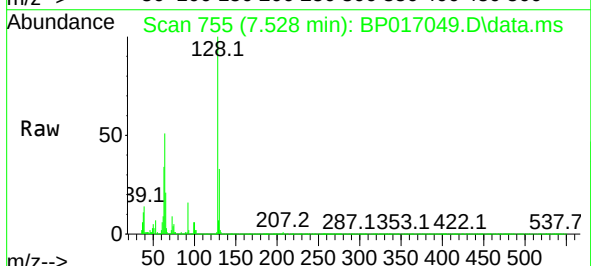
Manual Integrations  
APPROVED

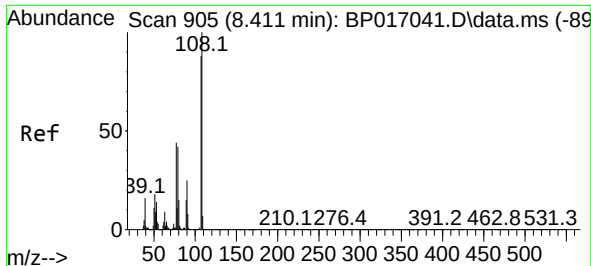
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#12  
2-Chlorophenol  
Concen: 38.131 ng/ul  
RT: 7.528 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Tgt Ion:128 Resp: 841688  
Ion Ratio Lower Upper  
128 100  
64 50.8 40.2 60.2  
130 32.5 25.2 37.8





#13

2-Methylphenol

Concen: 29.841 ng/ul

RT: 8.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:108 Resp: 65106

Ion Ratio Lower Upper

108 100

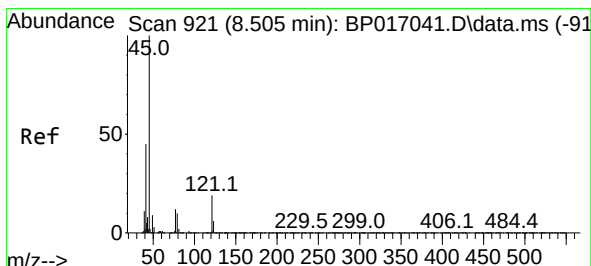
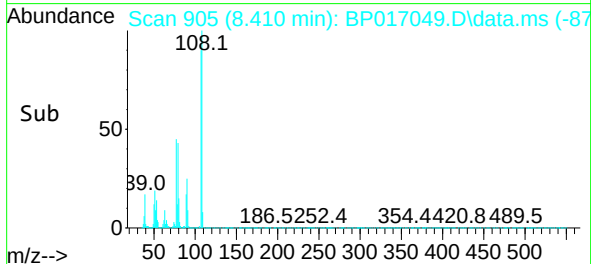
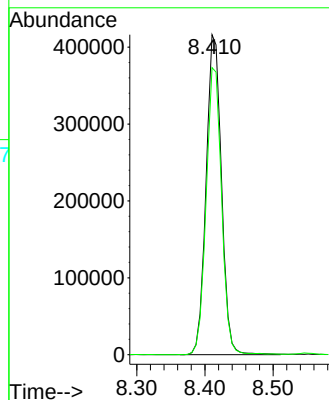
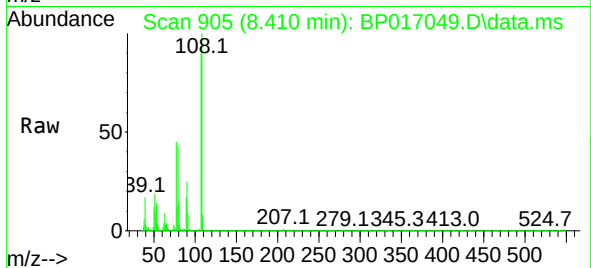
107 89.7 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 49.501 ng/ul m

RT: 8.487 min Scan# 918

Delta R.T. -0.018 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

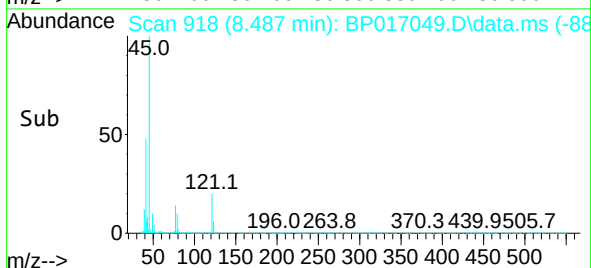
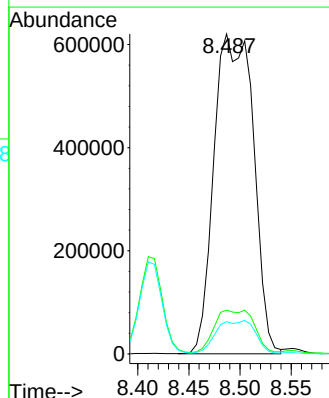
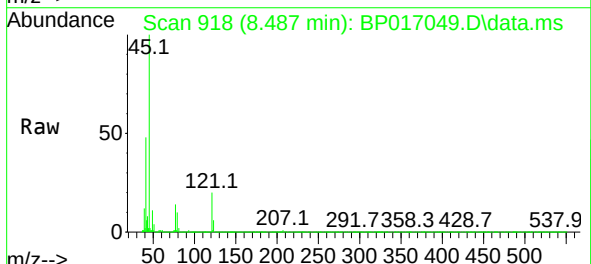
Tgt Ion: 45 Resp: 1653148

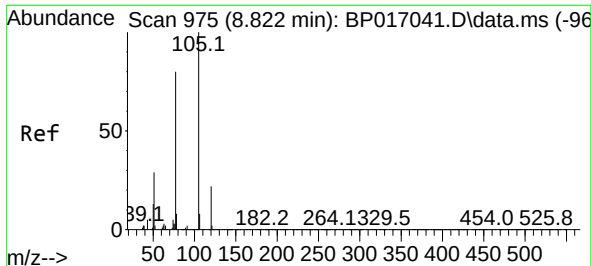
Ion Ratio Lower Upper

45 100

77 13.7 11.3 16.9

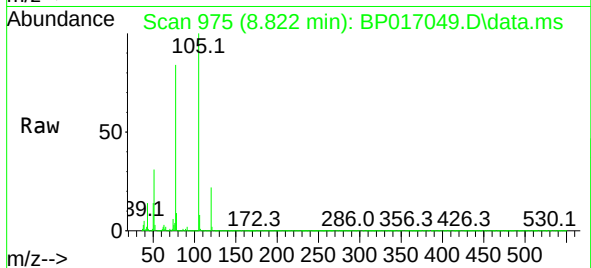
79 10.1 9.0 13.4





#16  
Acetophenone  
Concen: 49.228 ng/ul  
RT: 8.822 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

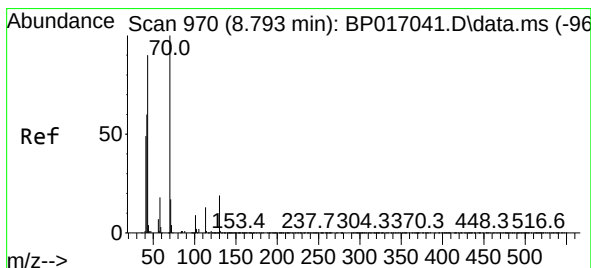
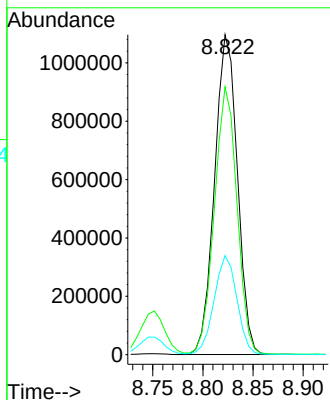
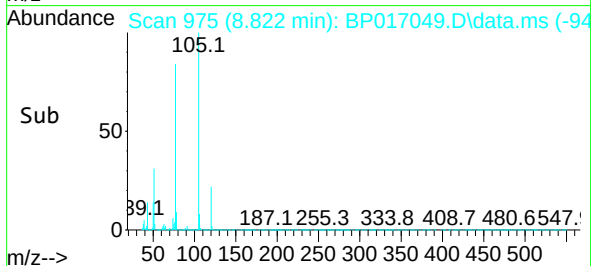
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



Tgt Ion:105 Resp: 173261  
Ion Ratio Lower Upper  
105 100  
77 83.7 63.6 95.4  
51 30.9 23.4 35.0

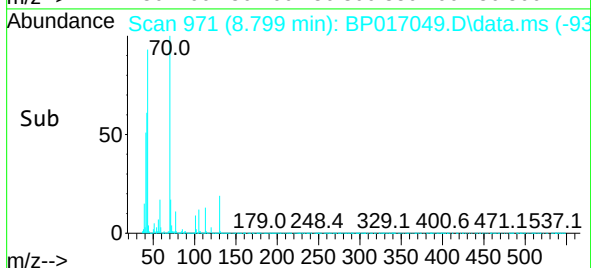
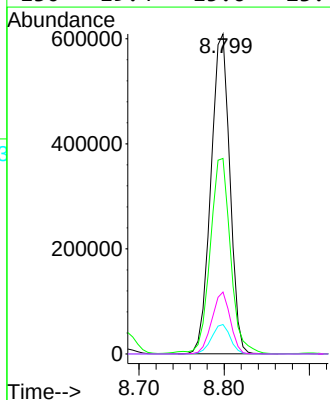
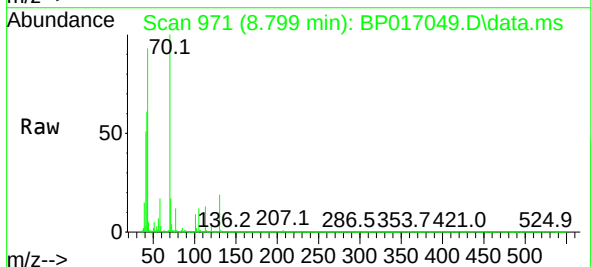
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

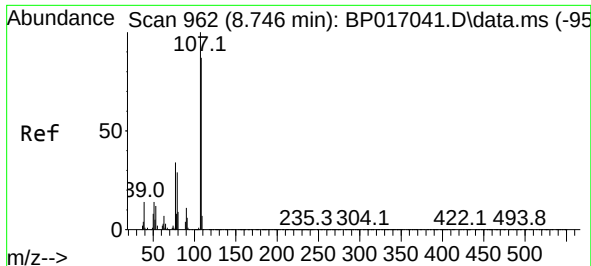


#17  
N-Nitroso-di-n-propylamine  
Concen: 50.075 ng/ul  
RT: 8.799 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Tgt Ion: 70 Resp: 941468  
Ion Ratio Lower Upper  
70 100  
42 61.1 47.4 71.2  
101 9.2 7.3 10.9  
130 19.4 15.6 23.4

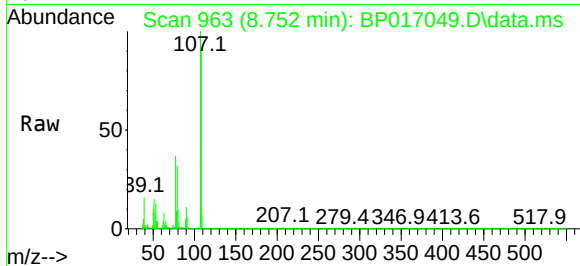






#18  
4-Methylphenol  
Concen: 26.457 ng/ul  
RT: 8.752 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

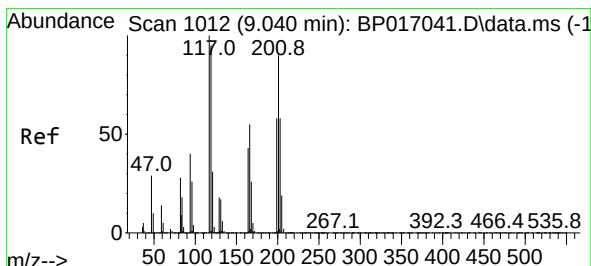
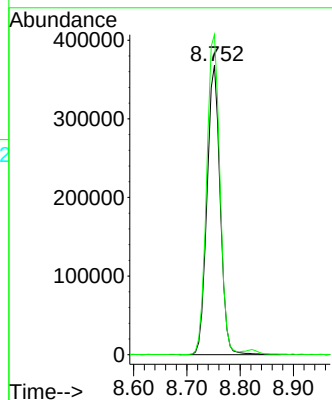
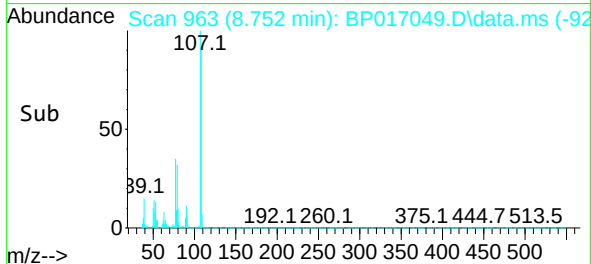
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



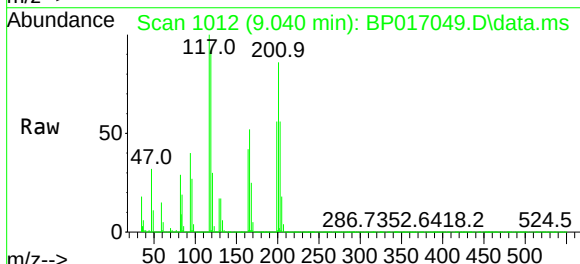
Tgt Ion:108 Resp: 62952  
Ion Ratio Lower Upper  
108 100  
107 110.6 90.6 135.8

Manual Integrations  
APPROVED

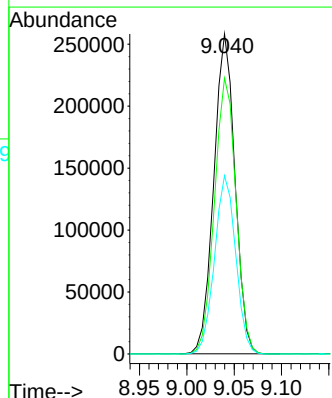
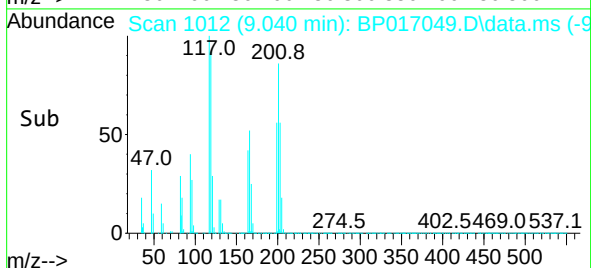
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

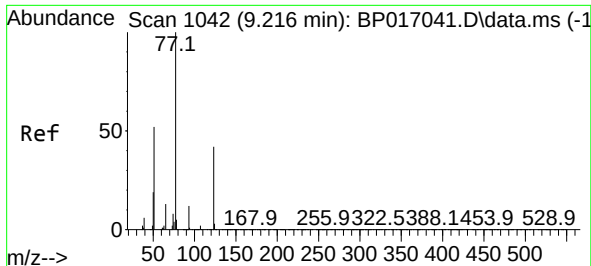


#19  
Hexachloroethane  
Concen: 43.837 ng/ul  
RT: 9.040 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



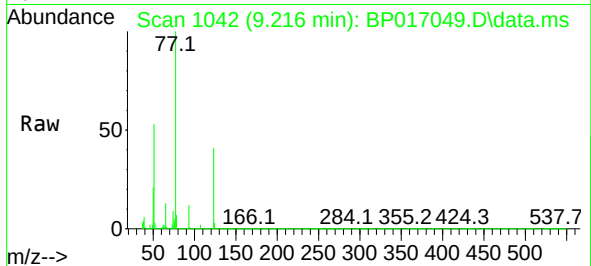
Tgt Ion:117 Resp: 400861  
Ion Ratio Lower Upper  
117 100  
201 86.2 75.8 113.6  
199 55.7 46.8 70.2





#22  
Nitrobenzene  
Concen: 48.903 ng/ul  
RT: 9.216 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

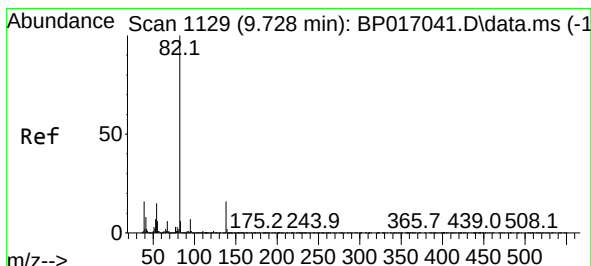
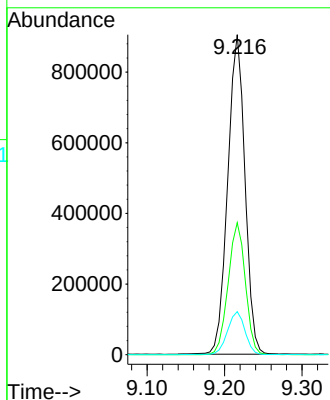
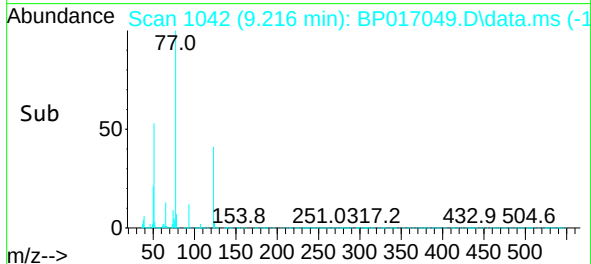
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



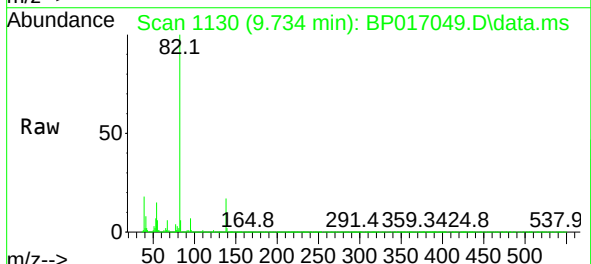
Tgt Ion: 77 Resp: 1400939  
Ion Ratio Lower Upper  
77 100  
123 41.3 34.4 51.6  
65 13.5 10.6 15.8

Manual Integrations  
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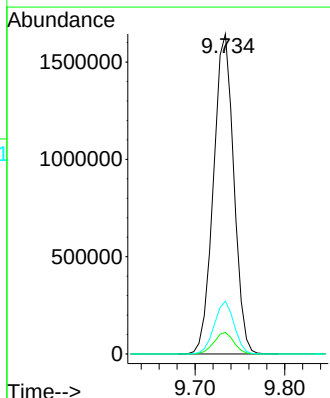
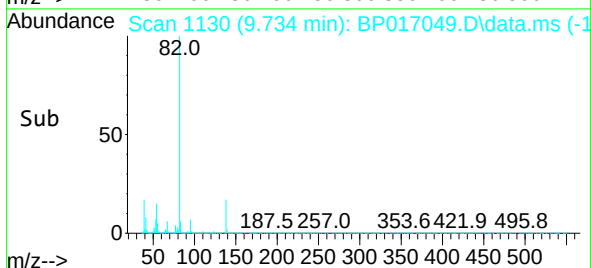
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

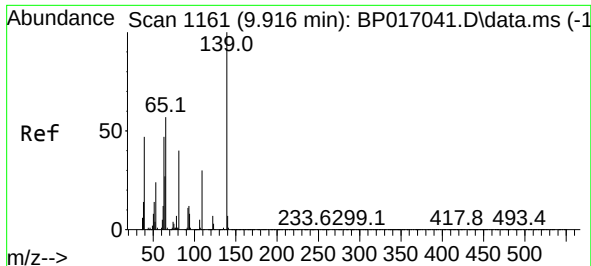


#23  
Isophorone  
Concen: 48.026 ng/ul  
RT: 9.734 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion: 82 Resp: 2584775  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.3 7.9  
138 16.5 13.4 20.2





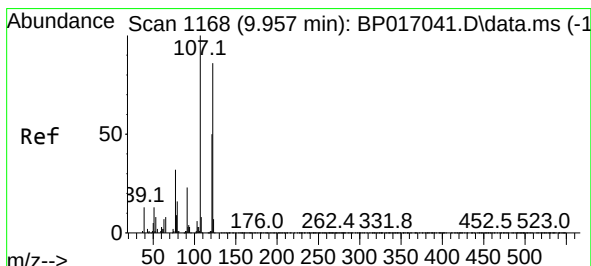
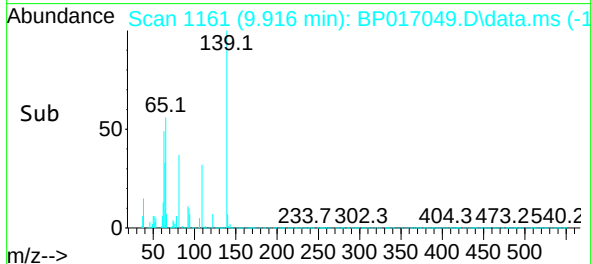
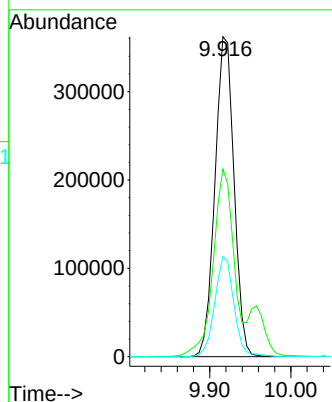
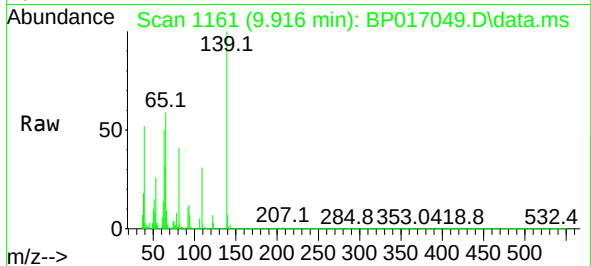
#25  
2-Nitrophenol  
Concen: 46.215 ng/ul  
RT: 9.916 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD

Tgt Ion:139 Resp: 59178  
Ion Ratio Lower Upper  
139 100  
65 58.7 44.0 66.0  
109 31.4 24.1 36.1

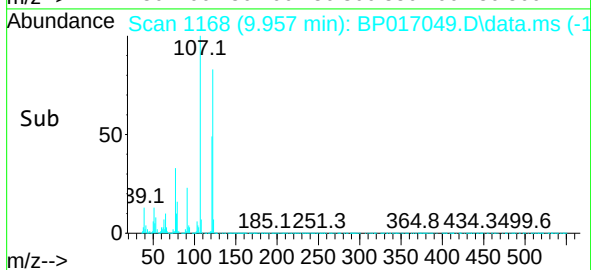
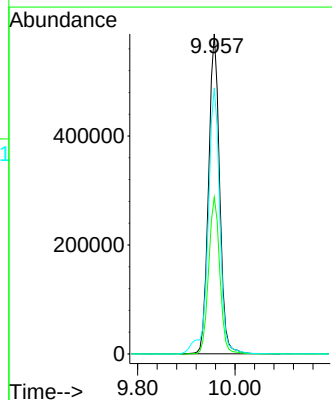
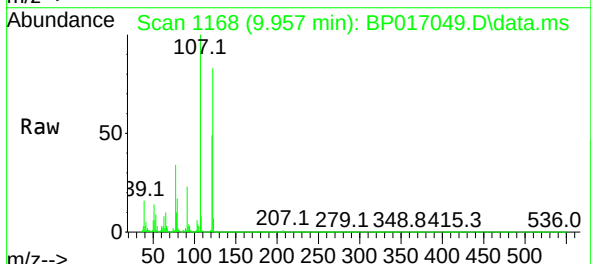
Manual Integrations  
APPROVED

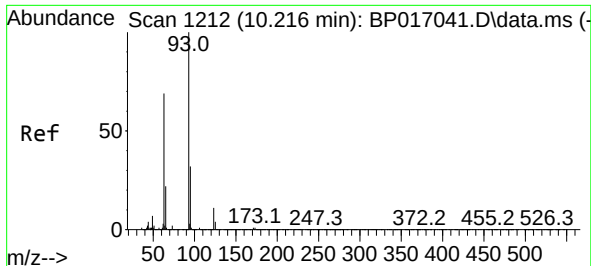
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#26  
2,4-Dimethylphenol  
Concen: 35.191 ng/ul  
RT: 9.957 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Tgt Ion:107 Resp: 920047  
Ion Ratio Lower Upper  
107 100  
121 49.0 41.0 61.6  
122 83.2 69.0 103.4





#27

Bis(2-Chloroethoxy)methane

Concen: 46.372 ng/ul

RT: 10.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion: 93 Resp: 154673

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

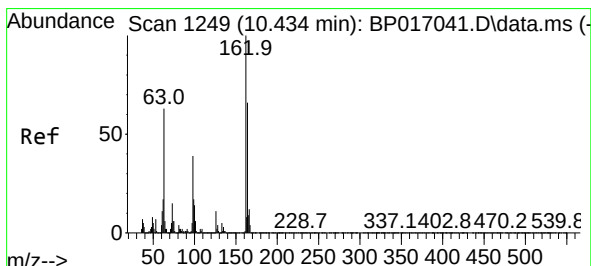
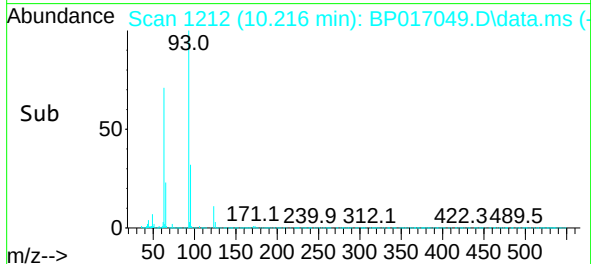
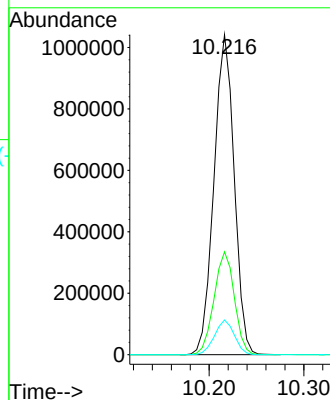
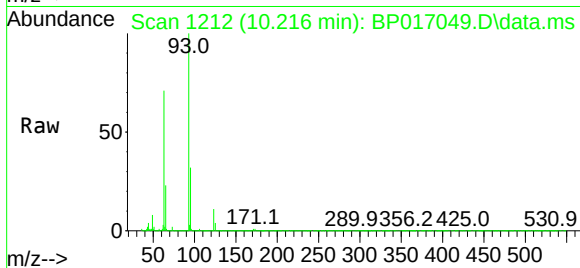
123 10.8 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#29

2,4-Dichlorophenol

Concen: 43.055 ng/ul

RT: 10.440 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

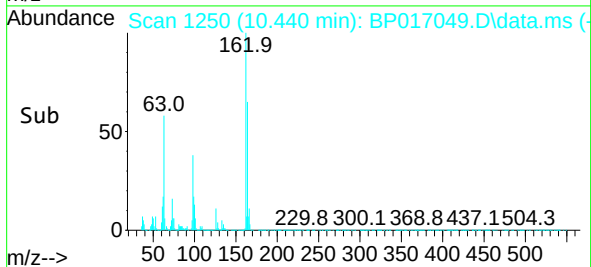
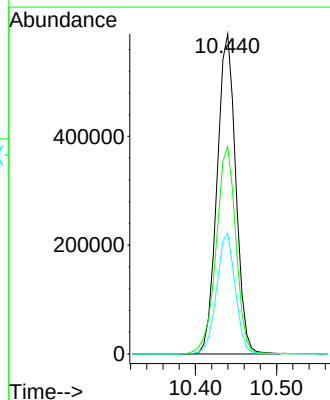
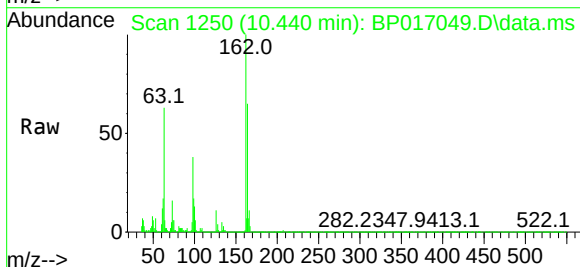
Tgt Ion:162 Resp: 942125

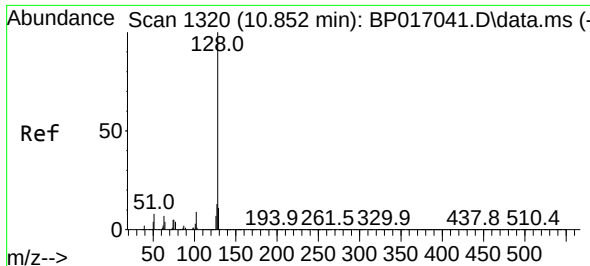
Ion Ratio Lower Upper

162 100

164 64.8 51.8 77.6

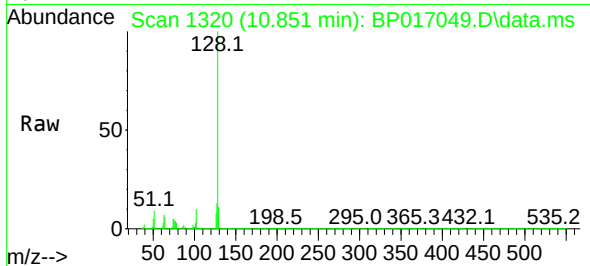
98 37.6 28.2 42.4





#30  
Naphthalene  
Concen: 44.780 ng/ul  
RT: 10.851 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

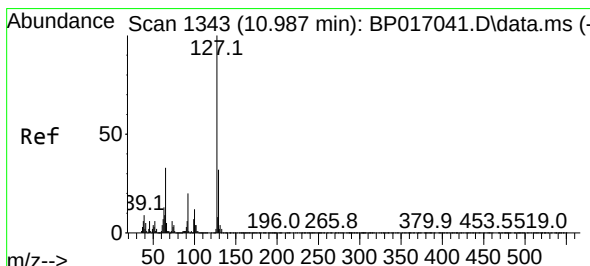
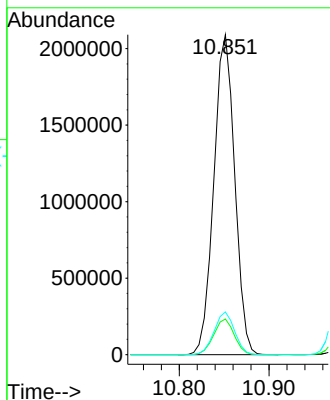
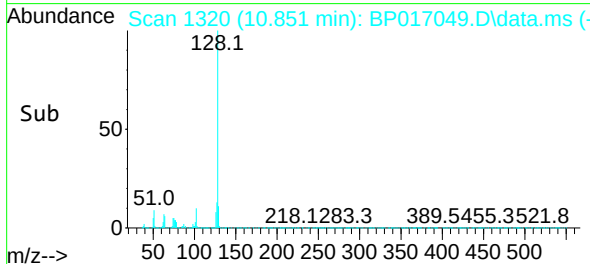
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



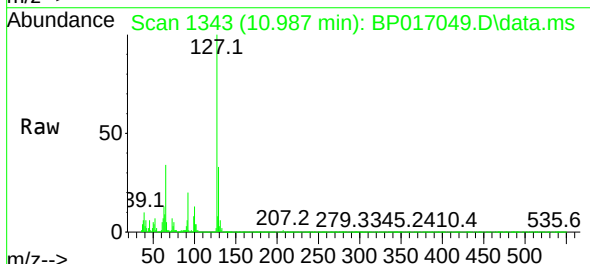
Tgt Ion:128 Resp: 3379134  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.4 10.3 15.5

Manual Integrations  
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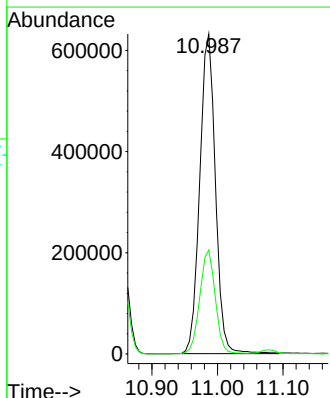
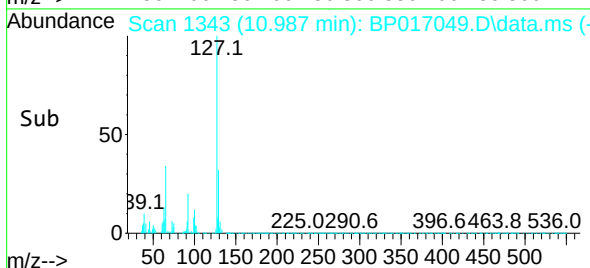
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

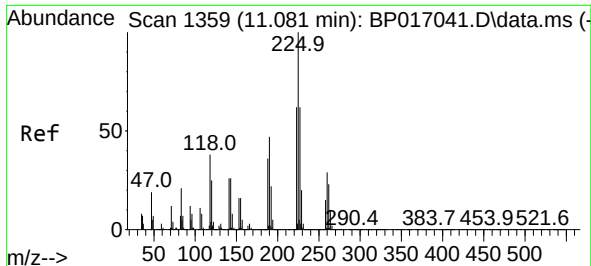


#32  
4-Chloroaniline  
Concen: 32.625 ng/ul  
RT: 10.987 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



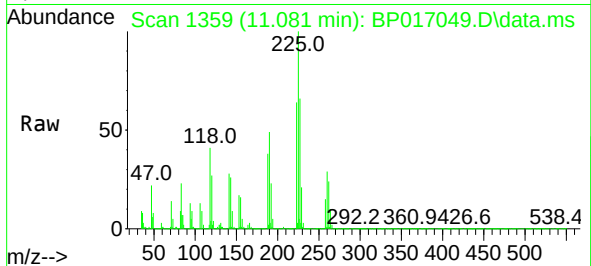
Tgt Ion:127 Resp: 1051795  
Ion Ratio Lower Upper  
127 100  
129 32.5 26.0 39.0





#33  
Hexachlorobutadiene  
Concen: 39.634 ng/ul  
RT: 11.081 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

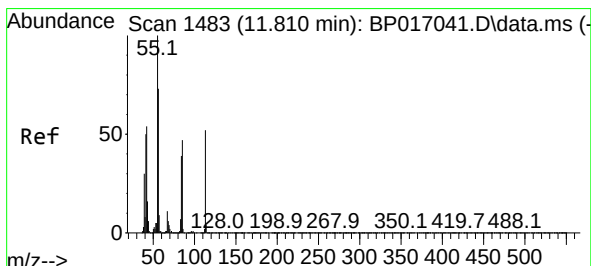
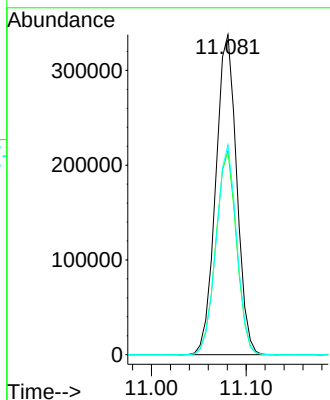
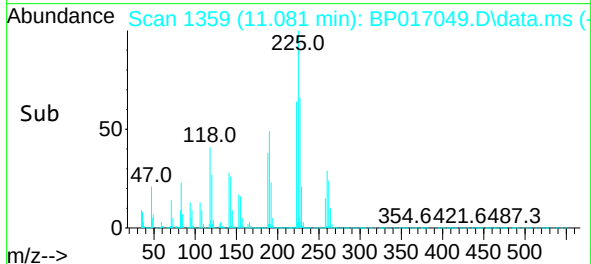
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



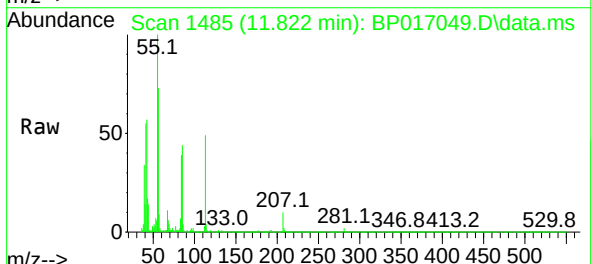
Tgt Ion:225 Resp: 518370  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.1 75.1  
227 65.6 50.9 76.3

Manual Integrations  
APPROVED

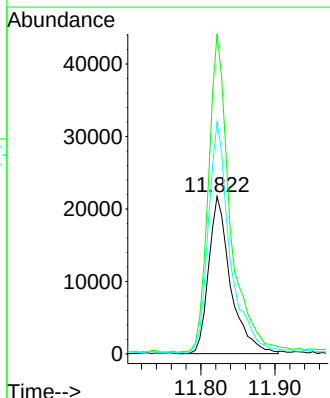
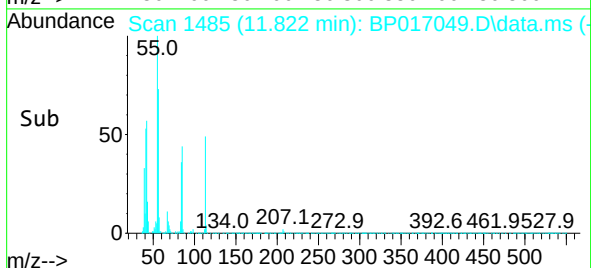
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

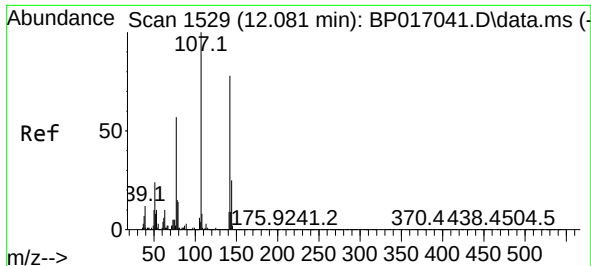


#34  
Caprolactam  
Concen: 6.147 ng/ul  
RT: 11.822 min Scan# 1485  
Delta R.T. 0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



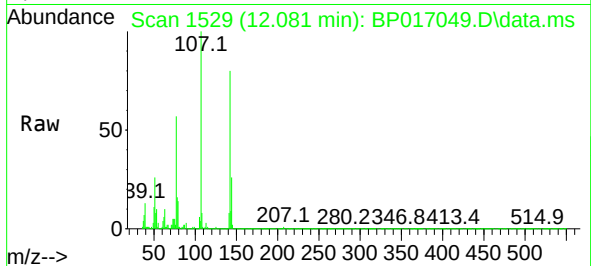
Tgt Ion:113 Resp: 44545  
Ion Ratio Lower Upper  
113 100  
55 203.2 142.3 213.5  
56 147.4 102.2 153.2





#35  
4-Chloro-3-methylphenol  
Concen: 40.238 ng/ul  
RT: 12.081 min Scan# 1529  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

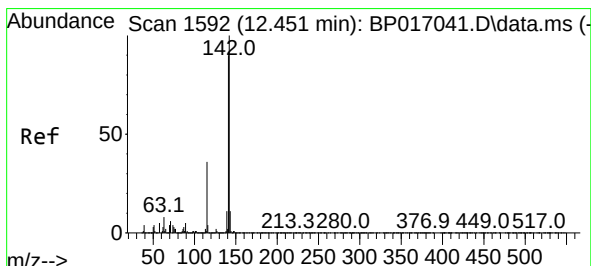
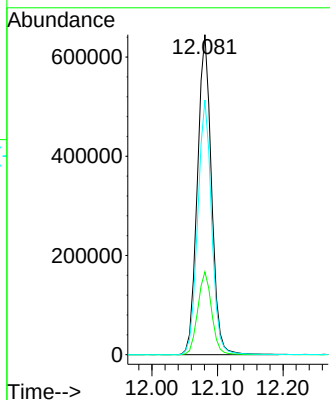
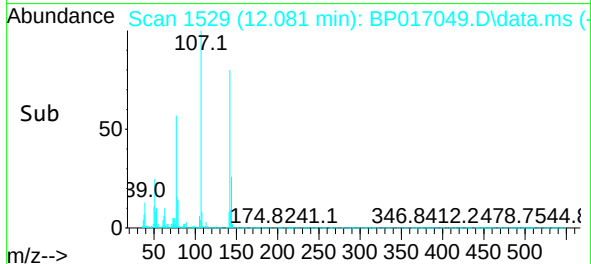
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



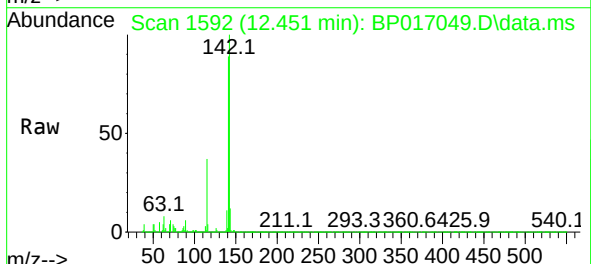
Tgt Ion:107 Resp: 964884  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.3 30.5  
142 79.5 63.8 95.8

Manual Integrations  
APPROVED

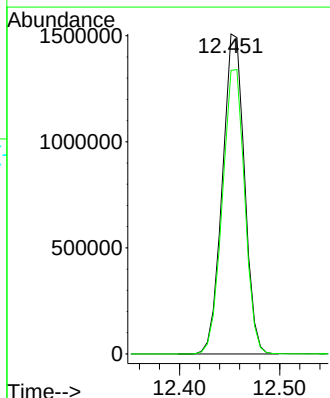
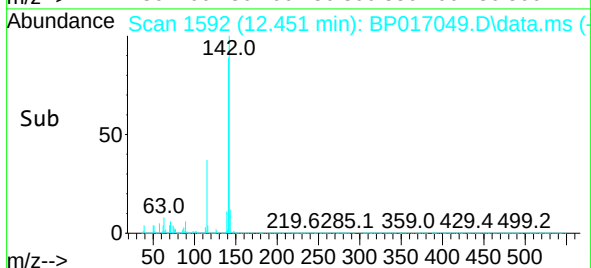
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

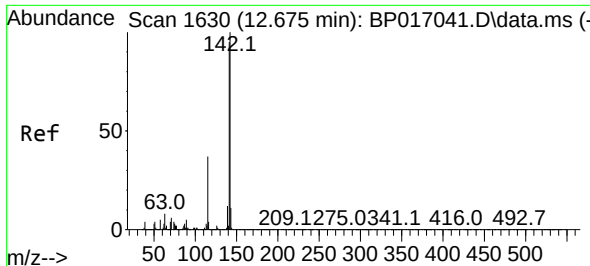


#36  
2-Methylnaphthalene  
Concen: 46.273 ng/ul  
RT: 12.451 min Scan# 1592  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:142 Resp: 2307521  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.1 106.7





#37

1-Methylnaphthalene

Concen: 44.906 ng/ul

RT: 12.675 min Scan# 1630

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:142 Resp: 225460

Ion Ratio Lower Upper

142 100

141 92.6 74.5 111.7

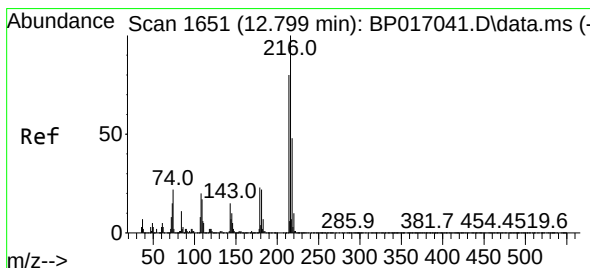
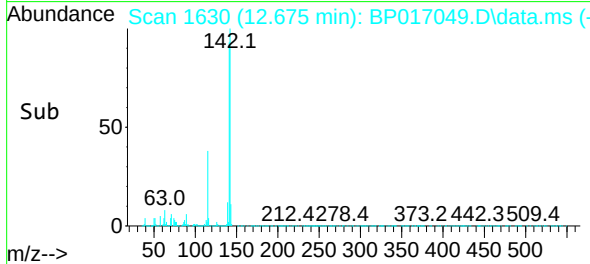
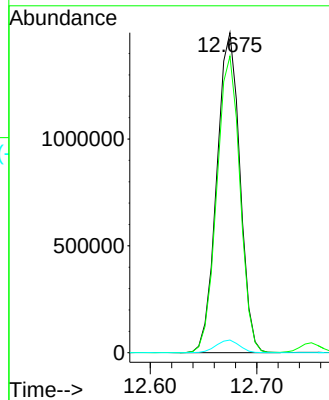
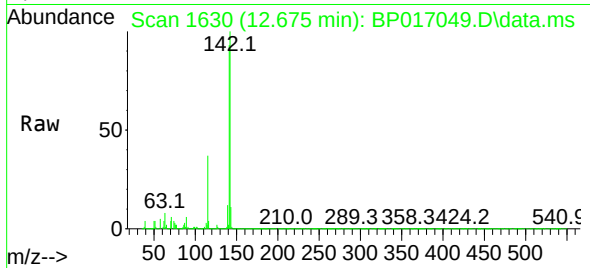
116 4.0 3.1 4.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.684 ng/ul

RT: 12.804 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Tgt Ion:216 Resp: 1073814

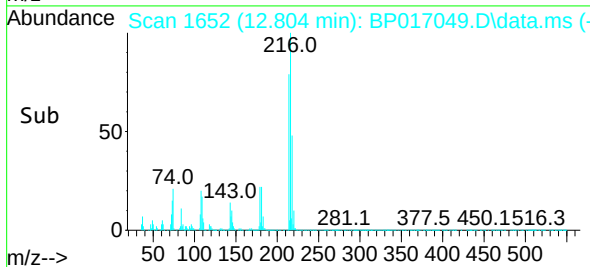
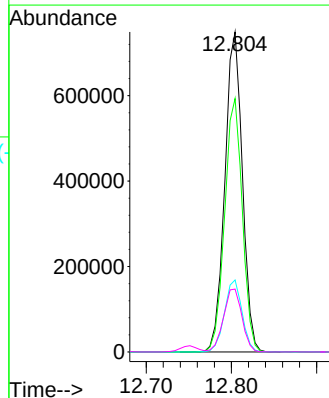
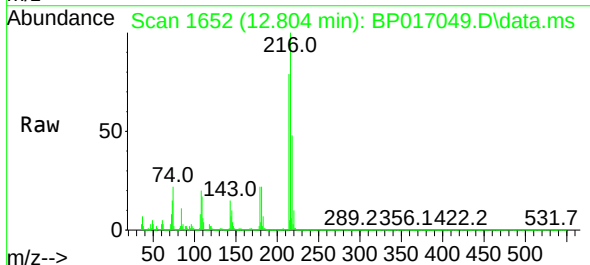
Ion Ratio Lower Upper

216 100

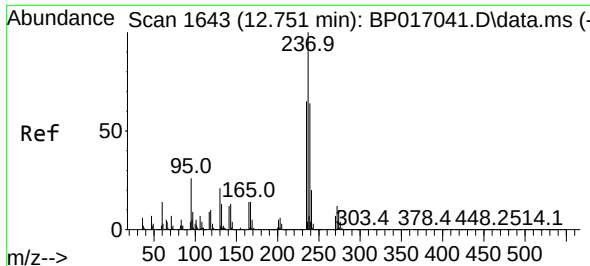
214 79.2 62.8 94.2

179 22.5 17.5 26.3

108 19.7 14.6 21.8

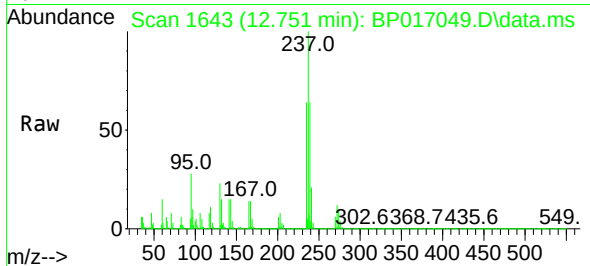






#40  
Hexachlorocyclopentadiene  
Concen: 27.025 ng/ul  
RT: 12.751 min Scan# 1643  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

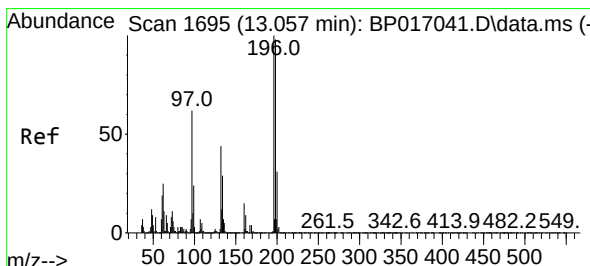
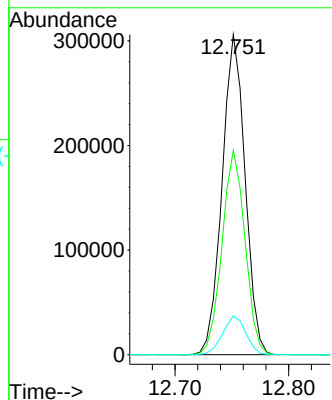
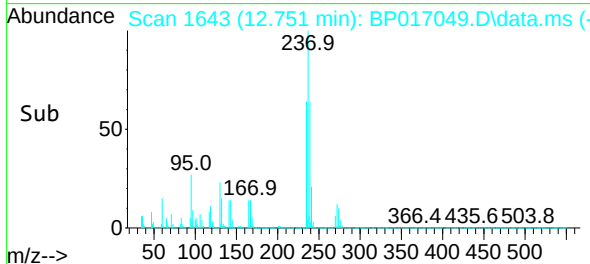
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



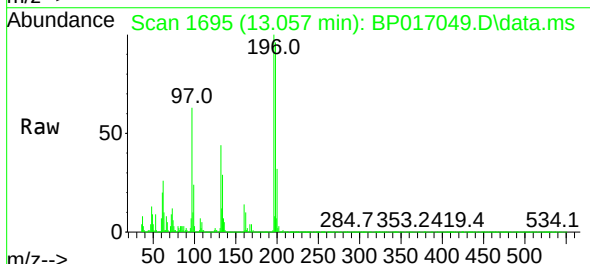
Tgt Ion:237 Resp: 430431  
Ion Ratio Lower Upper  
237 100  
235 63.9 50.8 76.2  
272 12.1 10.0 15.0

Manual Integrations  
APPROVED

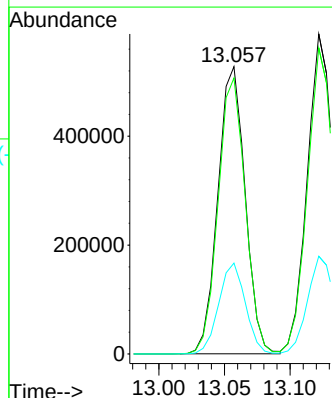
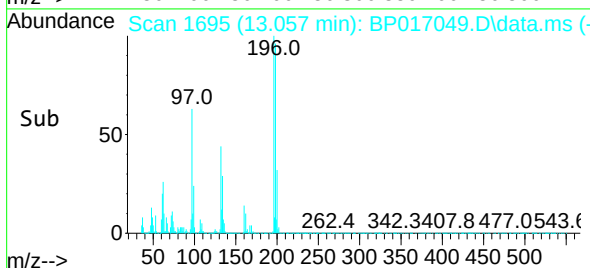
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

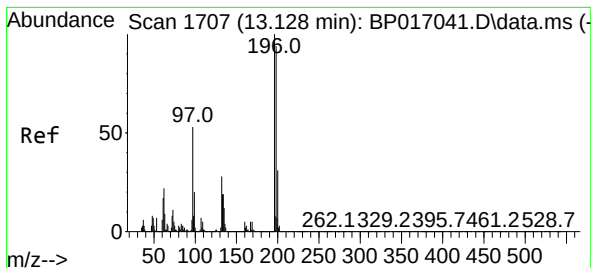


#41  
2,4,6-Trichlorophenol  
Concen: 45.580 ng/ul  
RT: 13.057 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:196 Resp: 762570  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.8 113.6  
200 31.6 24.6 36.8





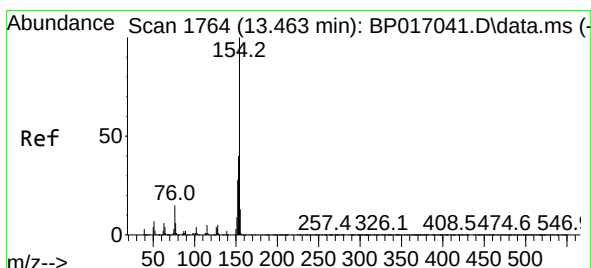
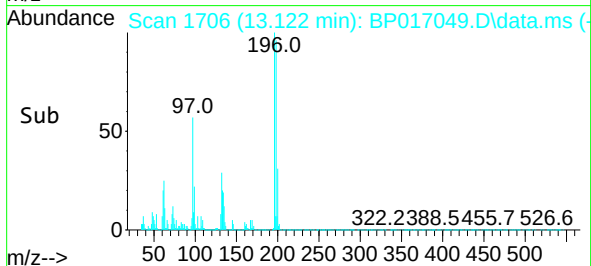
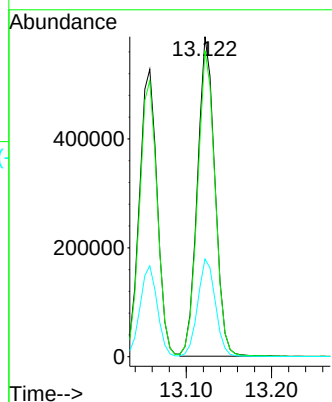
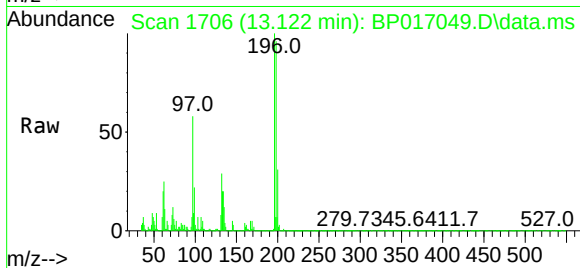
#42  
2,4,5-Trichlorophenol  
Concen: 45.784 ng/ul  
RT: 13.122 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD

Tgt Ion:196 Resp: 83343  
Ion Ratio Lower Upper  
196 100  
198 95.6 74.9 112.3  
200 30.6 24.5 36.7

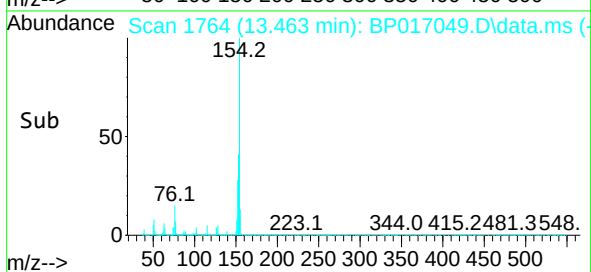
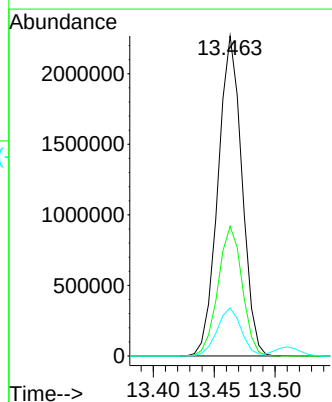
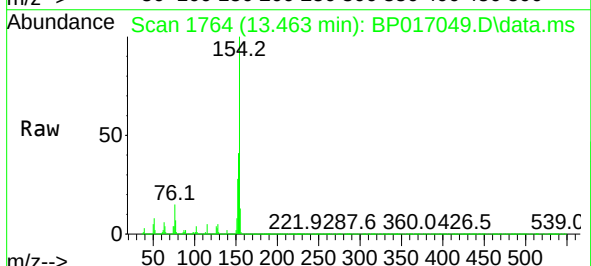
Manual Integrations  
APPROVED

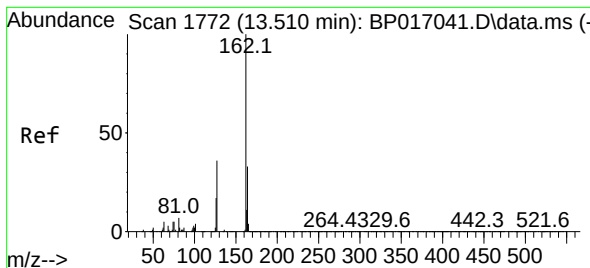
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#43  
1,1'-Biphenyl  
Concen: 47.020 ng/ul  
RT: 13.463 min Scan# 1764  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

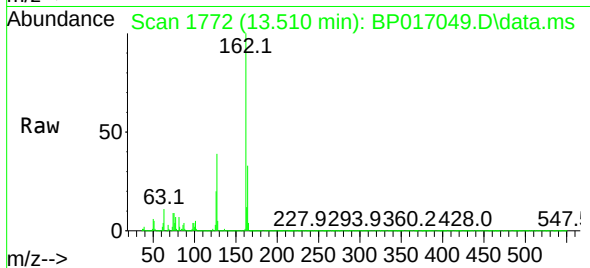
Tgt Ion:154 Resp: 3105247  
Ion Ratio Lower Upper  
154 100  
153 40.5 32.7 49.1  
76 15.0 11.5 17.3





#44  
2-Chloronaphthalene  
Concen: 46.821 ng/ul  
RT: 13.510 min Scan# 1772  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

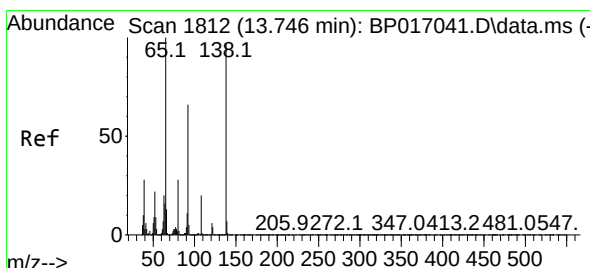
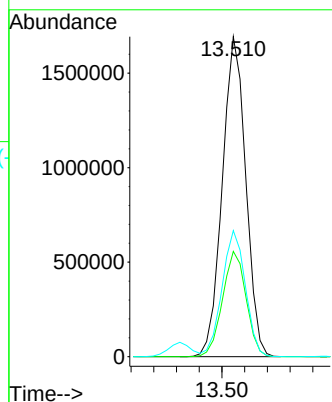
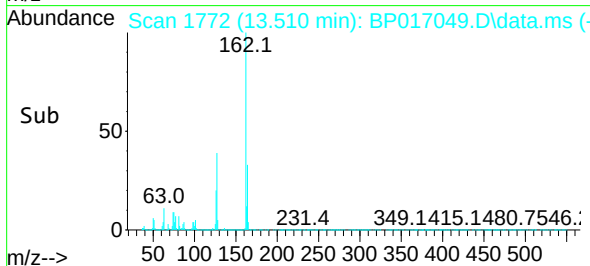
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



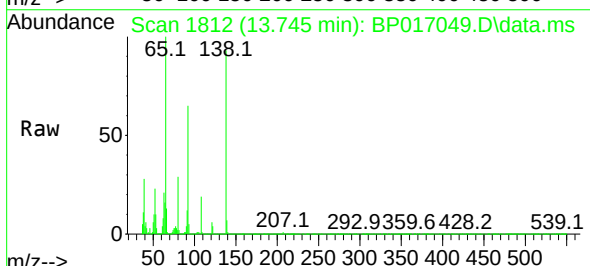
Tgt Ion:162 Resp: 242778  
Ion Ratio Lower Upper  
162 100  
164 32.9 26.2 39.4  
127 39.4 30.8 46.2

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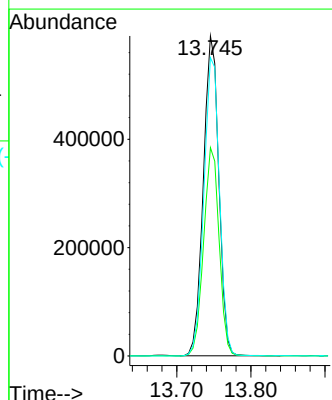
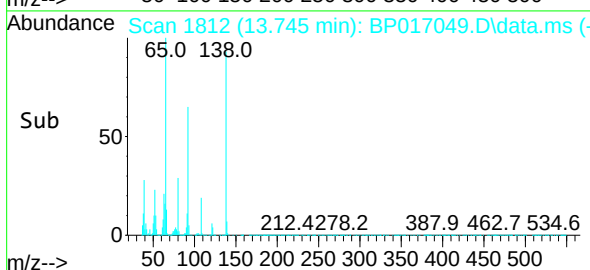
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

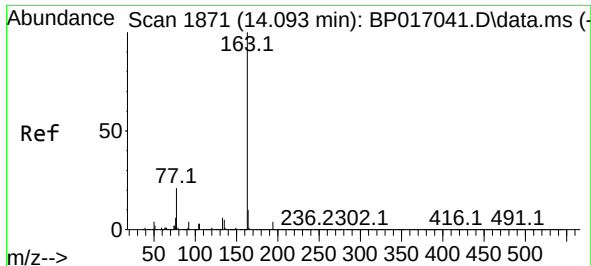


#45  
2-Nitroaniline  
Concen: 55.409 ng/ul  
RT: 13.745 min Scan# 1812  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



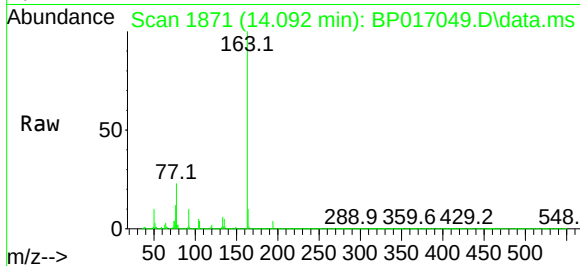
Tgt Ion: 65 Resp: 855637  
Ion Ratio Lower Upper  
65 100  
92 65.1 55.4 83.0  
138 93.2 76.8 115.2





#47  
Dimethylphthalate  
Concen: 47.640 ng/ul  
RT: 14.092 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

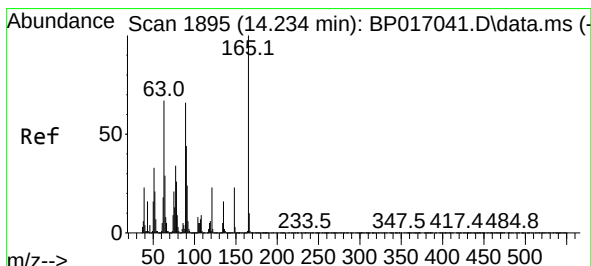
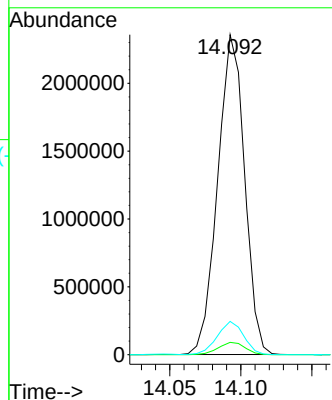
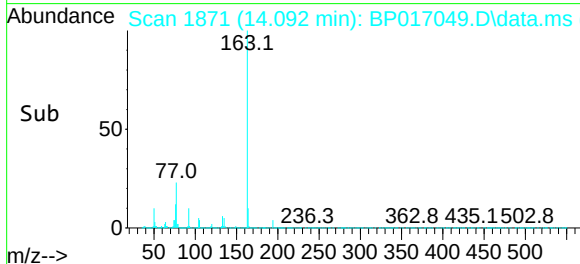
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



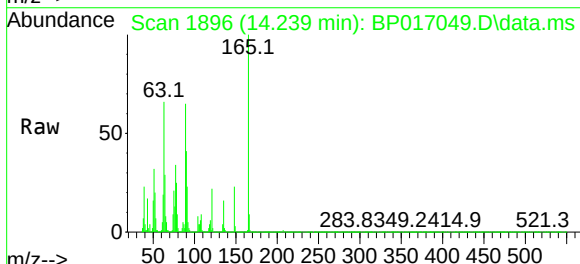
Tgt Ion:163 Resp: 3104330  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.4 7.9 11.9

Manual Integrations  
APPROVED

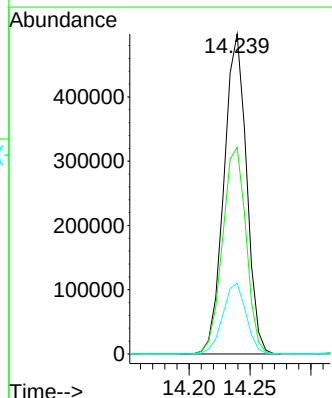
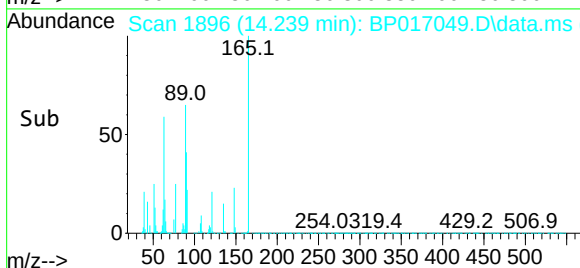
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

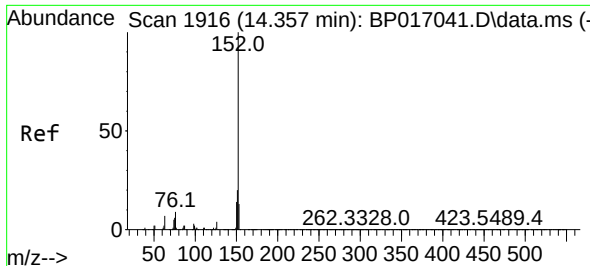


#48  
2,6-Dinitrotoluene  
Concen: 50.767 ng/ul  
RT: 14.239 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



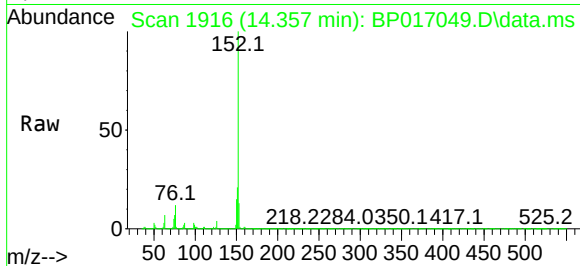
Tgt Ion:165 Resp: 642450  
Ion Ratio Lower Upper  
165 100  
89 64.6 50.0 75.0  
121 22.0 17.8 26.6





#50  
Acenaphthylene  
Concen: 48.156 ng/ul  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

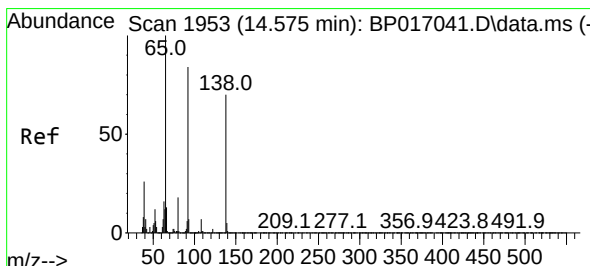
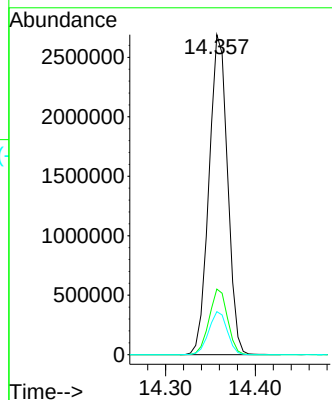
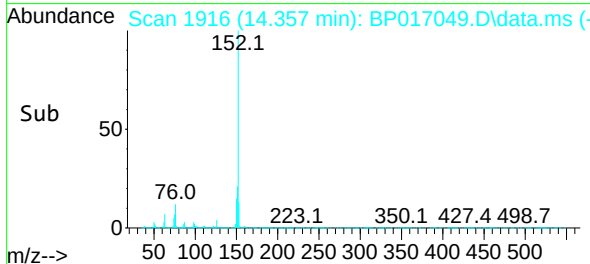
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



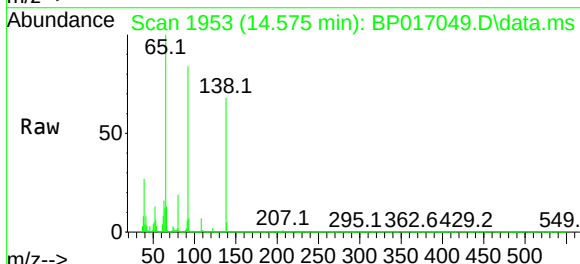
Tgt Ion:152 Resp: 386464  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.9 23.9  
153 13.5 10.5 15.7

Manual Integrations  
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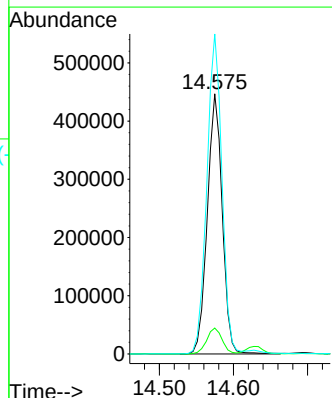
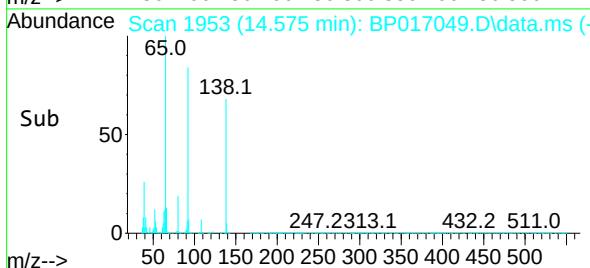
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

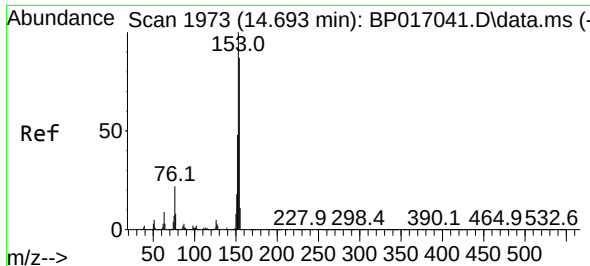


#51  
3-Nitroaniline  
Concen: 49.535 ng/ul  
RT: 14.575 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



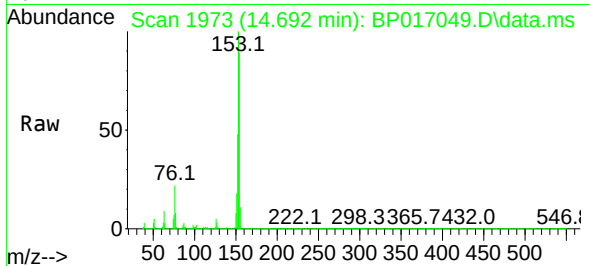
Tgt Ion:138 Resp: 625592  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.4 12.6  
92 123.0 97.2 145.8





#52  
Acenaphthene  
Concen: 48.456 ng/ul  
RT: 14.692 min Scan# 1973  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

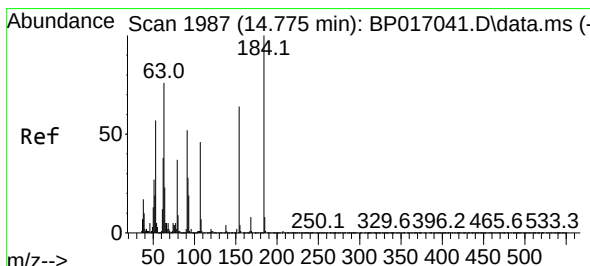
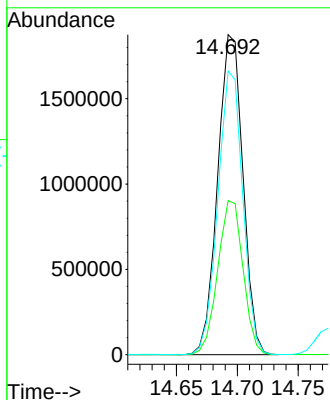
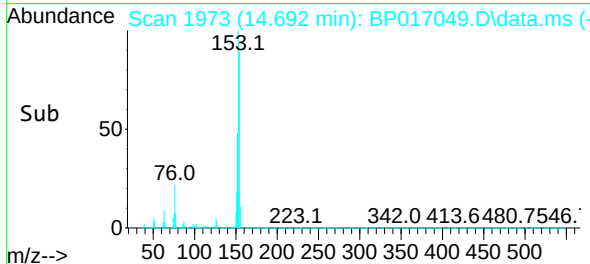
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



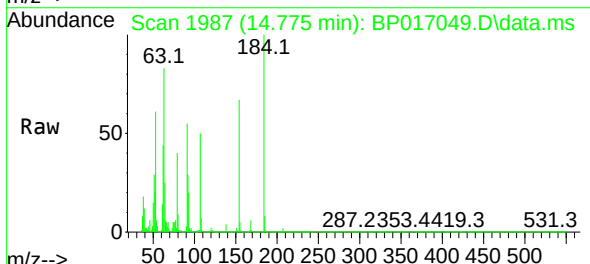
Tgt Ion:153 Resp: 2713209  
Ion Ratio Lower Upper  
153 100  
152 48.2 38.6 57.8  
154 88.7 70.2 105.4

Manual Integrations  
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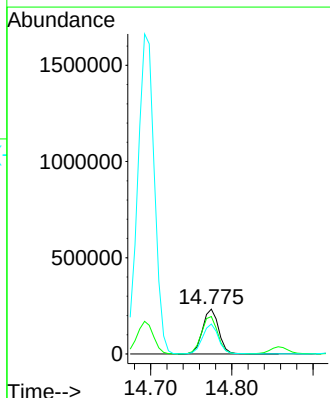
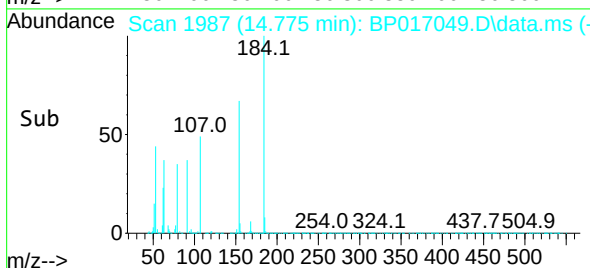
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

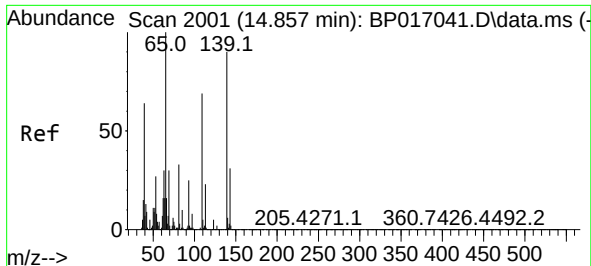


#53  
2,4-Dinitrophenol  
Concen: 40.990 ng/ul  
RT: 14.775 min Scan# 1987  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



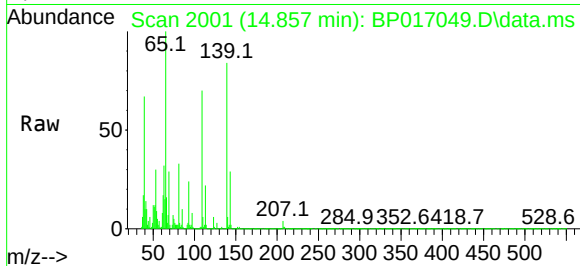
Tgt Ion:184 Resp: 321622  
Ion Ratio Lower Upper  
184 100  
63 83.4 61.6 92.4  
154 66.7 50.8 76.2





#55  
4-Nitrophenol  
Concen: 12.048 ng/ul  
RT: 14.857 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

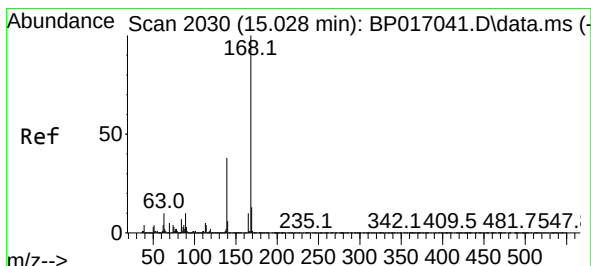
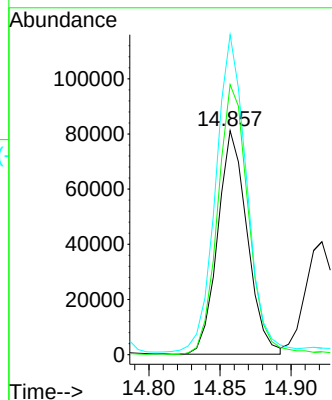
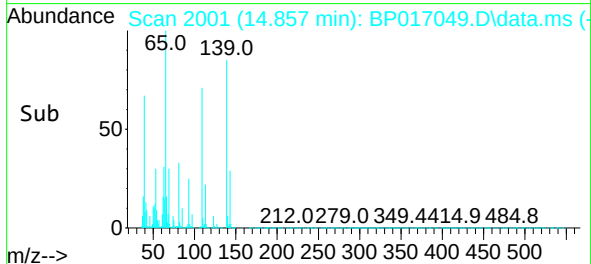
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



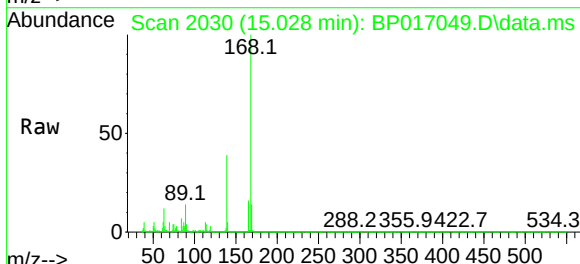
Tgt Ion:109 Resp: 116974  
Ion Ratio Lower Upper  
109 100  
139 120.6 105.0 157.4  
65 142.9 108.4 162.6

Manual Integrations  
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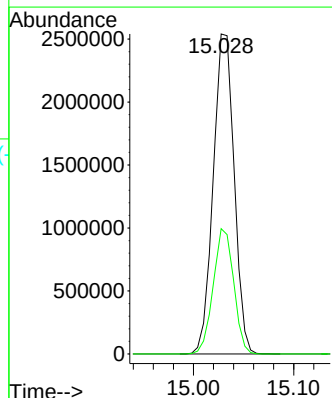
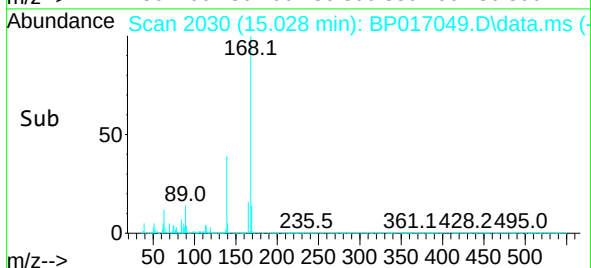
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

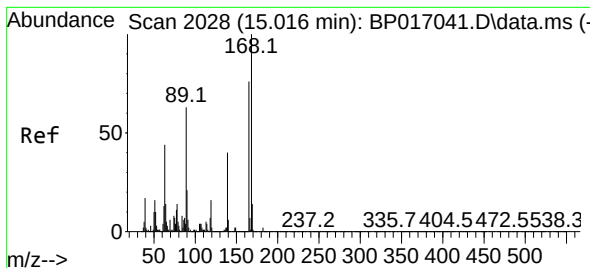


#56  
Dibenzofuran  
Concen: 47.814 ng/ul  
RT: 15.028 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



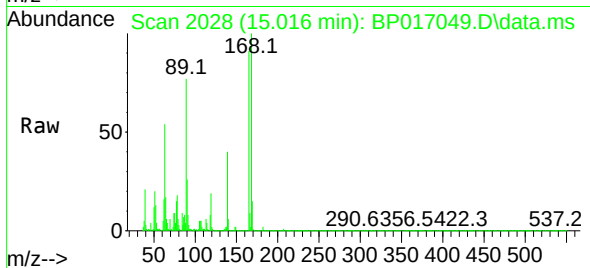
Tgt Ion:168 Resp: 3681187  
Ion Ratio Lower Upper  
168 100  
139 39.1 30.1 45.1





#57  
2,4-Dinitrotoluene  
Concen: 53.028 ng/ul  
RT: 15.016 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

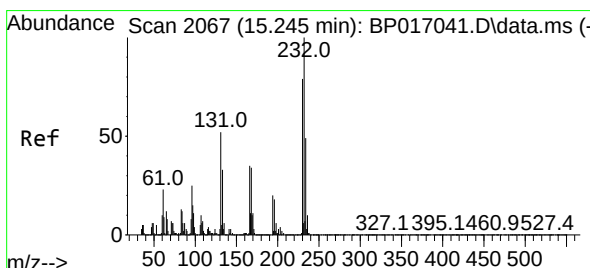
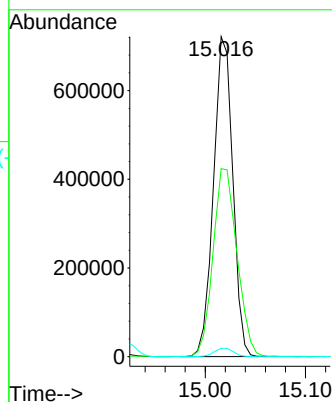
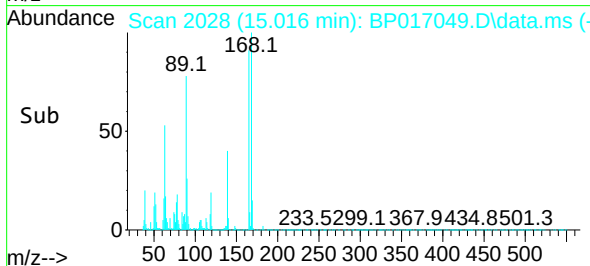
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



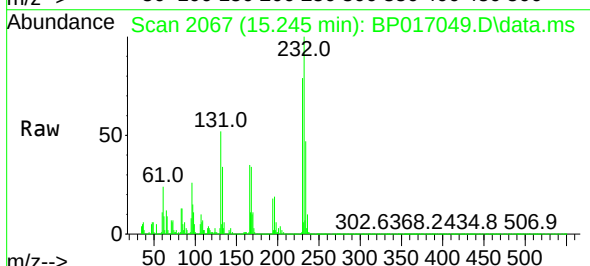
Tgt Ion:165 Resp: 963290  
Ion Ratio Lower Upper  
165 100  
63 58.8 42.1 63.1  
182 2.7 2.3 3.5

Manual Integrations  
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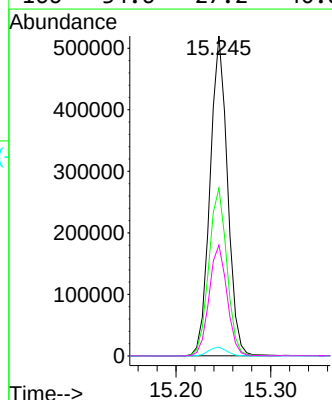
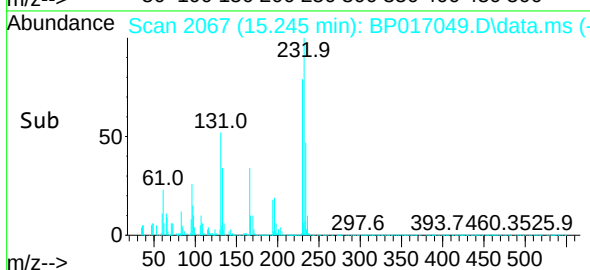
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



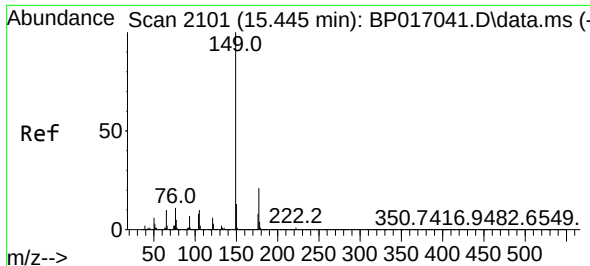
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 45.415 ng/ul  
RT: 15.245 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:232 Resp: 666541  
Ion Ratio Lower Upper  
232 100  
131 52.4 39.2 58.8  
130 2.8 2.0 3.0  
166 34.6 27.2 40.8

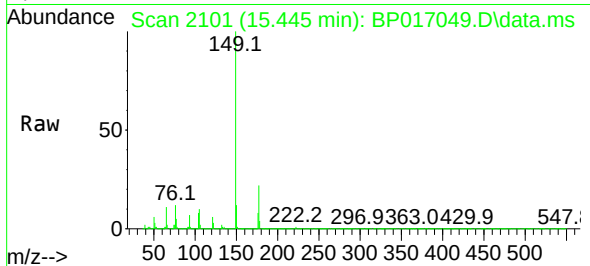






#59  
Diethylphthalate  
Concen: 49.053 ng/ul  
RT: 15.445 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

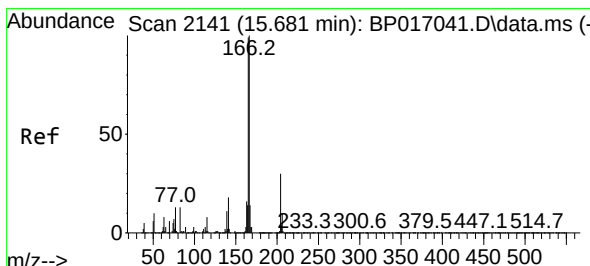
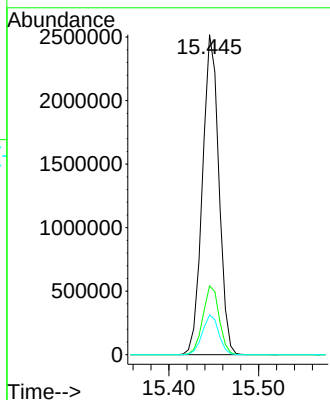
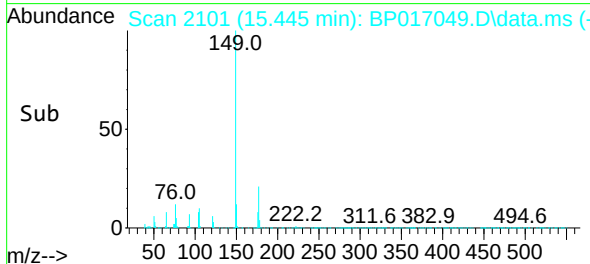
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



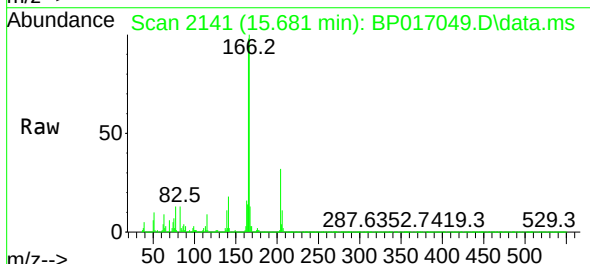
Tgt Ion:149 Resp: 319421  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.3 25.9  
150 12.4 10.1 15.1

Manual Integrations  
APPROVED

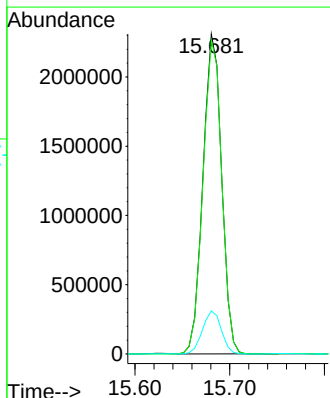
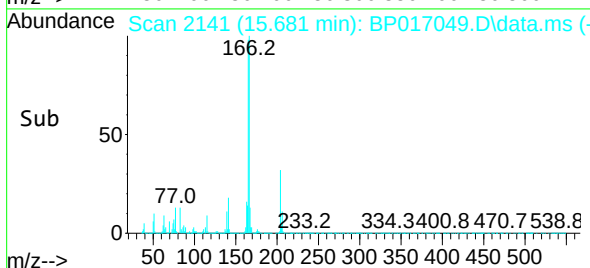
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

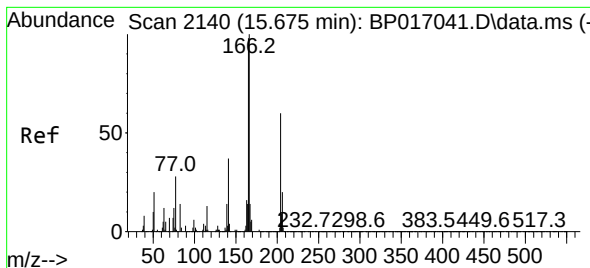


#61  
Fluorene  
Concen: 49.536 ng/ul  
RT: 15.681 min Scan# 2141  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



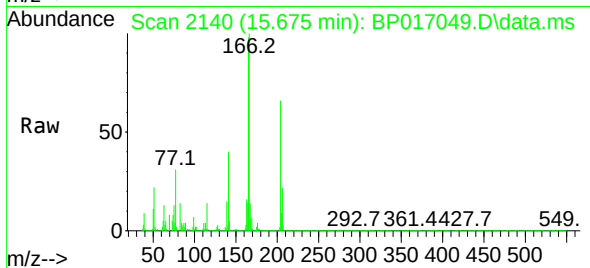
Tgt Ion:166 Resp: 3144315  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.3 117.5  
167 13.4 10.6 16.0





#62  
4-Chlorophenyl-phenylether  
Concen: 47.672 ng/ul  
RT: 15.675 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

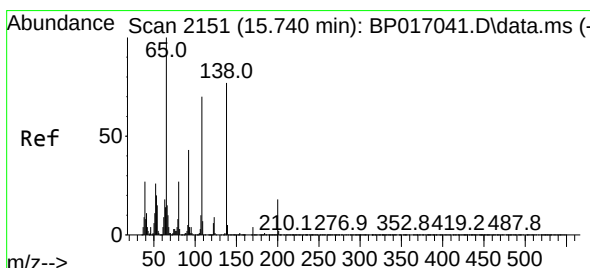
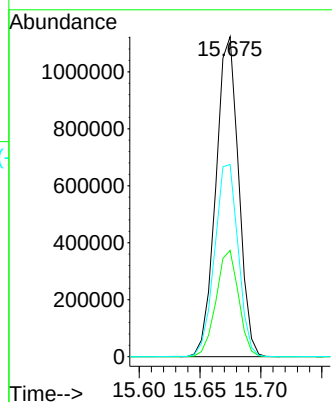
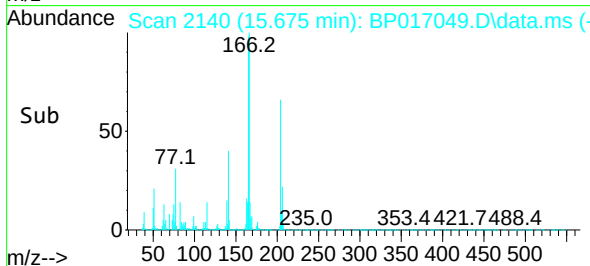
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



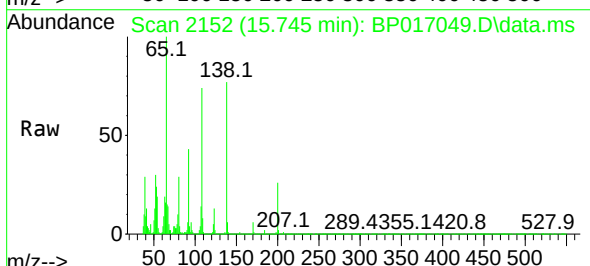
Tgt Ion:204 Resp: 146235  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.4 39.6  
141 60.1 46.2 69.4

Manual Integrations  
APPROVED

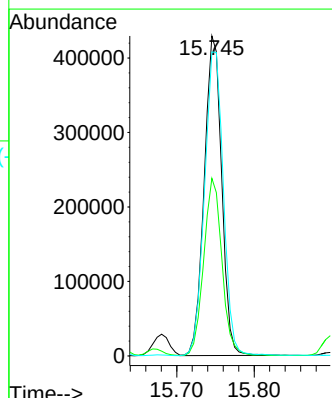
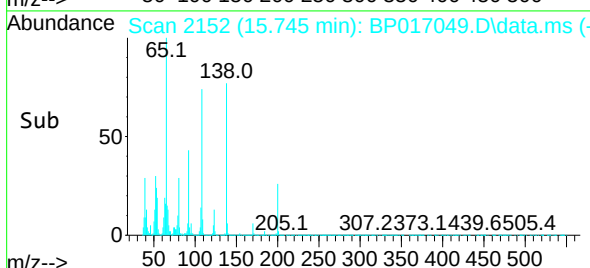
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

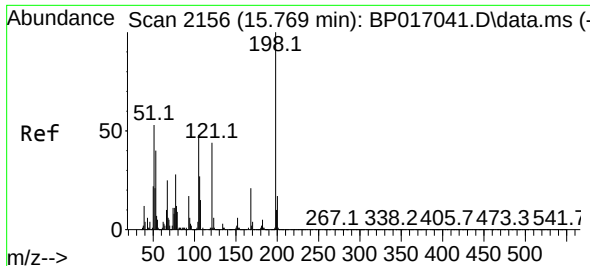


#63  
4-Nitroaniline  
Concen: 60.448 ng/ul  
RT: 15.745 min Scan# 2152  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:138 Resp: 671206  
Ion Ratio Lower Upper  
138 100  
92 55.5 41.9 62.9  
108 95.0 70.3 105.5





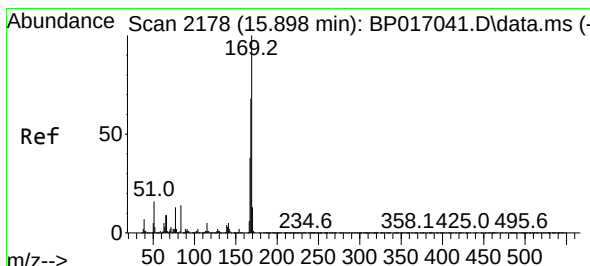
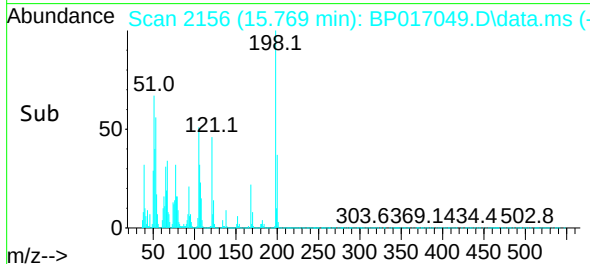
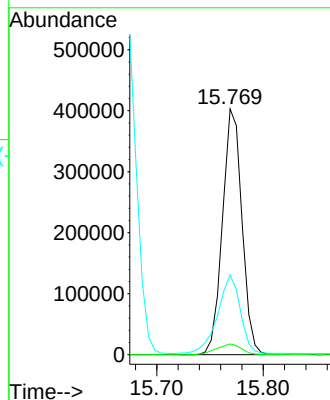
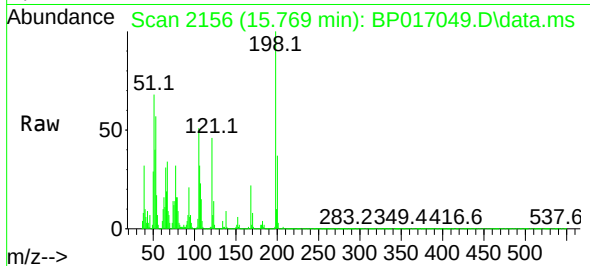
#66  
4,6-Dinitro-2-methylphenol  
Concen: 45.983 ng/ul  
RT: 15.769 min Scan# 2156  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD

Tgt Ion:198 Resp: 511711  
Ion Ratio Lower Upper  
198 100  
182 4.4 3.6 5.4  
77 32.4 21.4 32.0

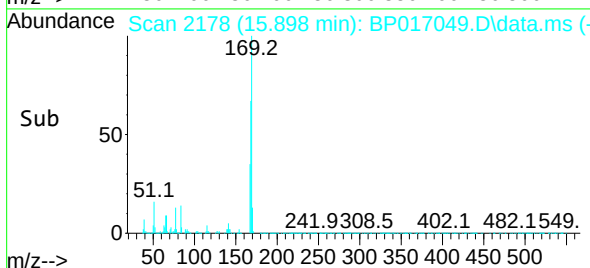
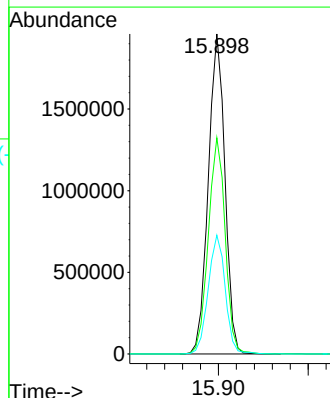
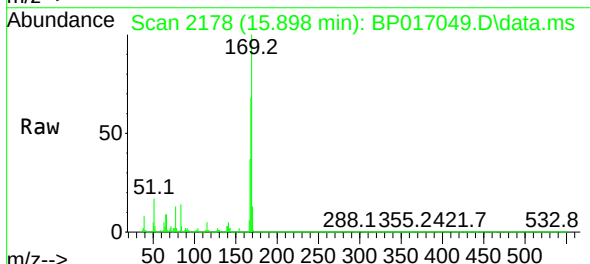
Manual Integrations  
APPROVED

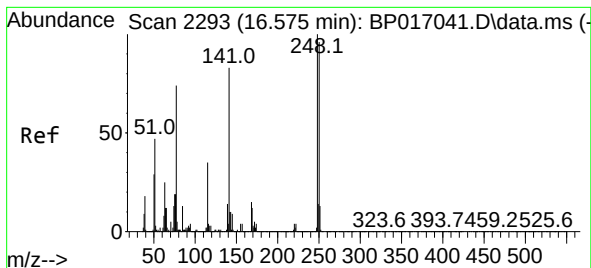
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#67  
N-Nitrosodiphenylamine  
Concen: 47.298 ng/ul  
RT: 15.898 min Scan# 2178  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

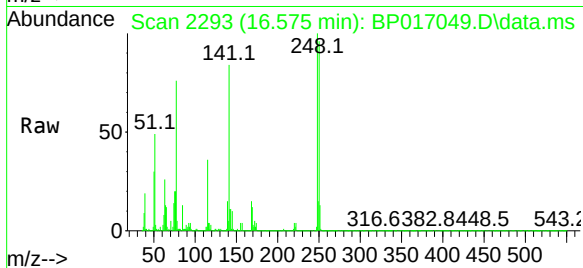
Tgt Ion:169 Resp: 2517253  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.2 81.4  
167 37.1 29.4 44.2





#68  
4-Bromophenyl-phenylether  
Concen: 46.211 ng/ul  
RT: 16.575 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

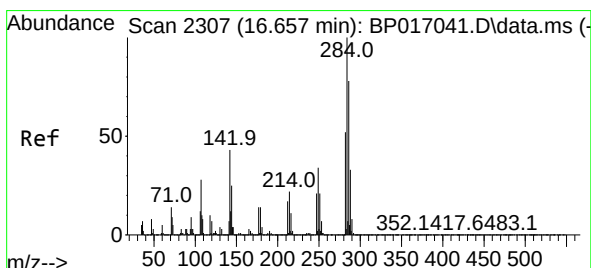
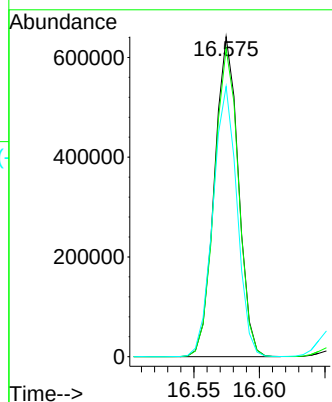
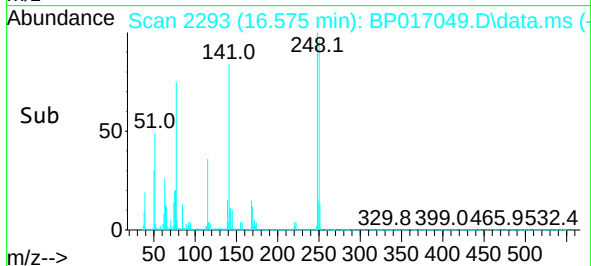
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



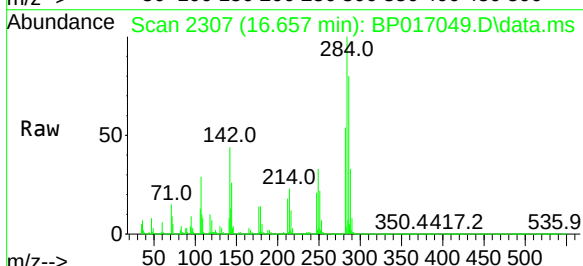
Tgt Ion:248 Resp: 811458  
Ion Ratio Lower Upper  
248 100  
250 96.3 76.8 115.2  
141 84.4 66.3 99.5

Manual Integrations  
APPROVED

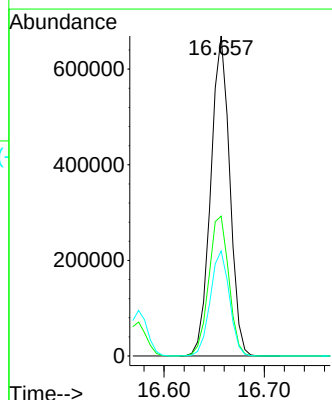
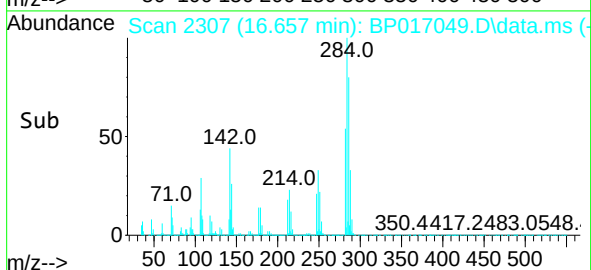
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

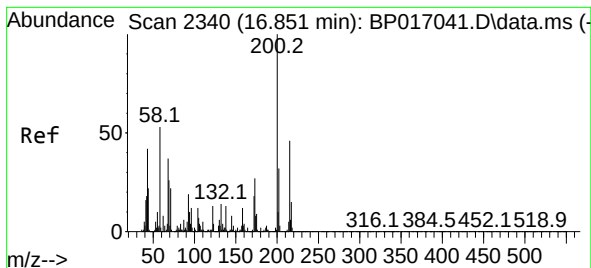


#69  
Hexachlorobenzene  
Concen: 45.808 ng/ul  
RT: 16.657 min Scan# 2307  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:284 Resp: 881759  
Ion Ratio Lower Upper  
284 100  
142 43.7 31.9 47.9  
249 32.8 27.0 40.6





#70

Atrazine

Concen: 34.846 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:200 Resp: 63496

Ion Ratio Lower Upper

200 100

173 27.6 21.8 32.8

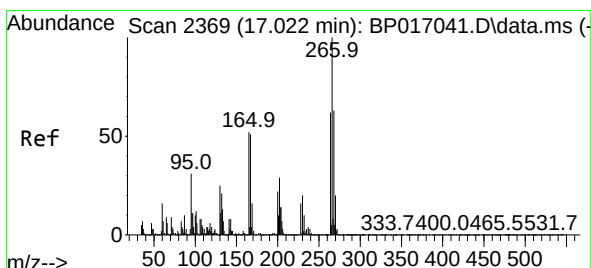
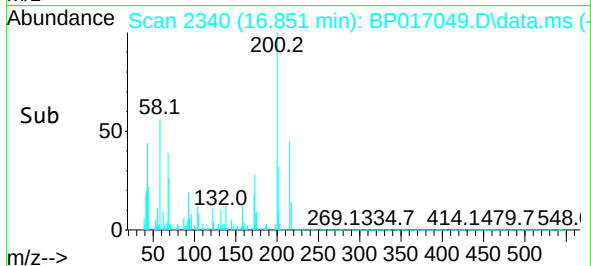
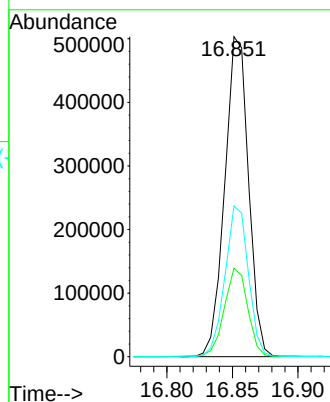
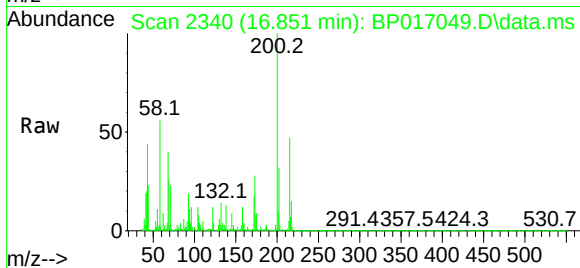
215 47.1 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#71

Pentachlorophenol

Concen: 43.119 ng/ul

RT: 17.022 min Scan# 2369

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

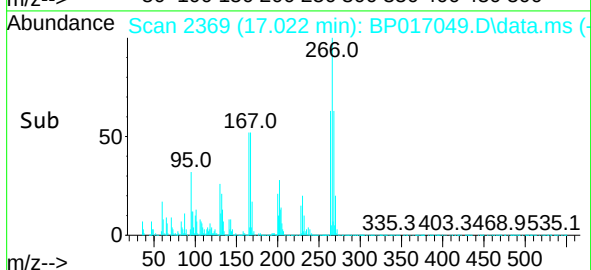
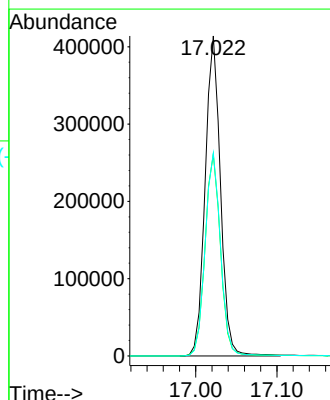
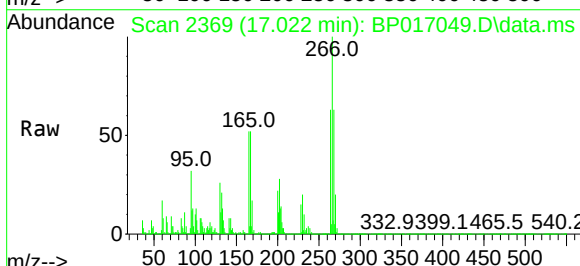
Tgt Ion:266 Resp: 541256

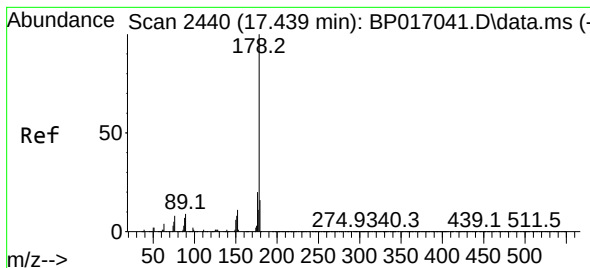
Ion Ratio Lower Upper

266 100

264 63.0 50.4 75.6

268 63.4 50.4 75.6





#72

Phenanthrene

Concen: 49.795 ng/u1

RT: 17.439 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:178 Resp: 488377

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

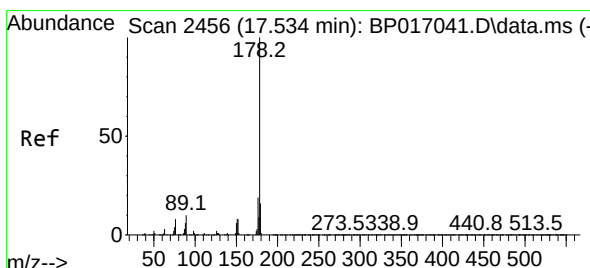
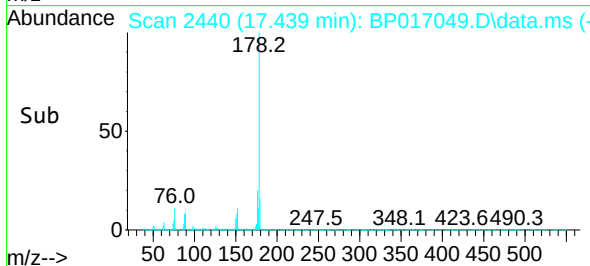
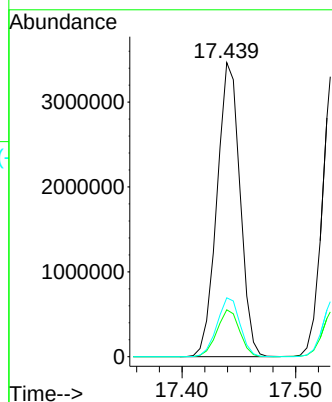
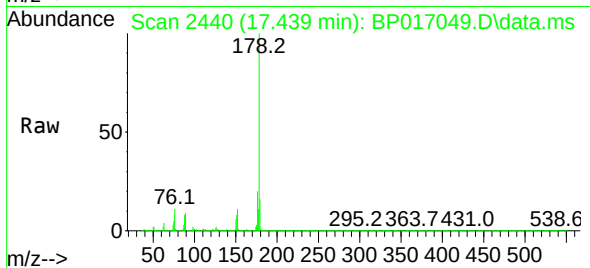
176 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#74

Anthracene

Concen: 49.769 ng/u1

RT: 17.533 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

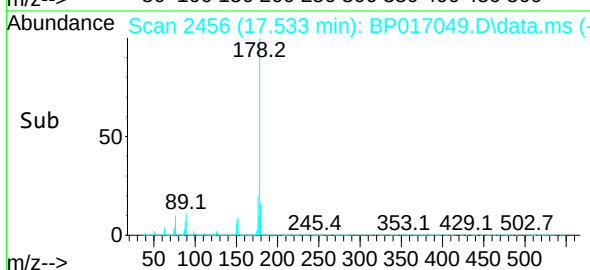
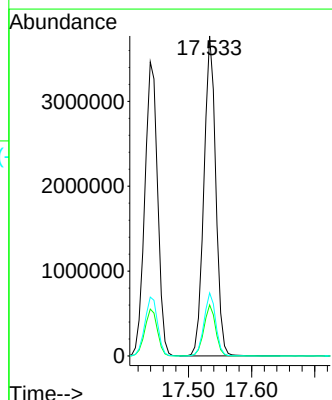
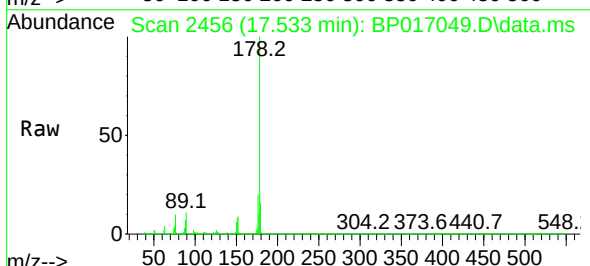
Tgt Ion:178 Resp: 4906863

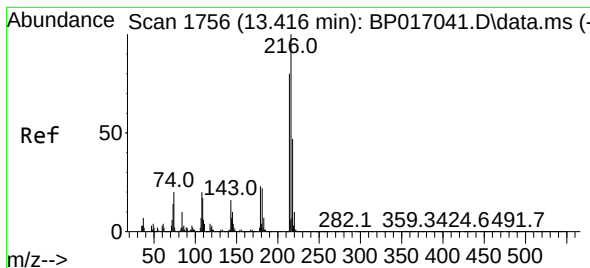
Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 19.7 15.0 22.6





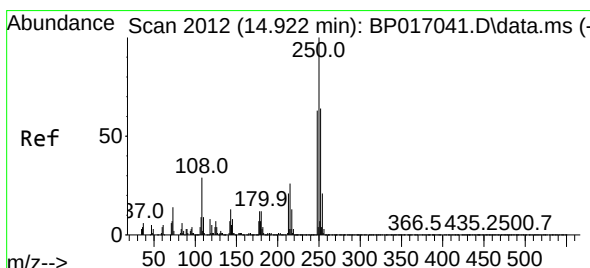
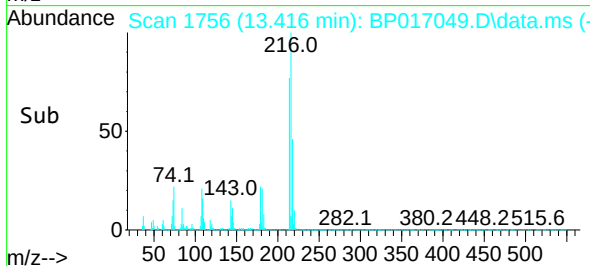
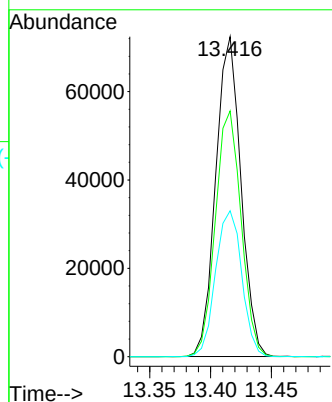
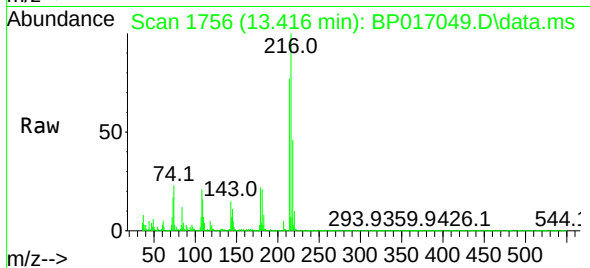
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.155 ng/uL  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD

Tgt Ion:216 Resp: 104462  
Ion Ratio Lower Upper  
216 100  
214 76.8 64.5 96.7  
218 45.6 38.6 57.8

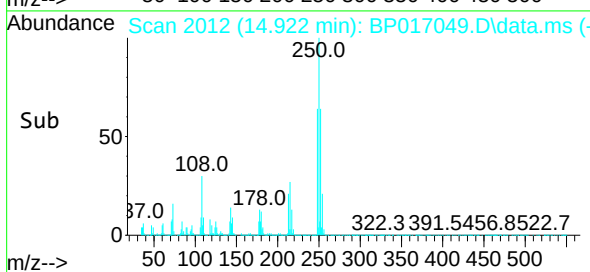
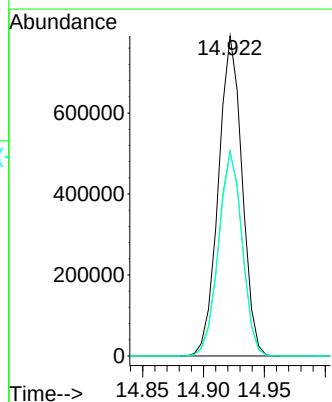
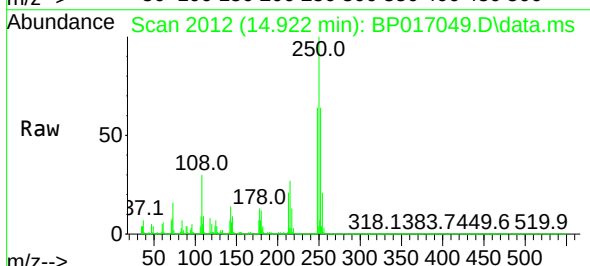
Manual Integrations  
APPROVED

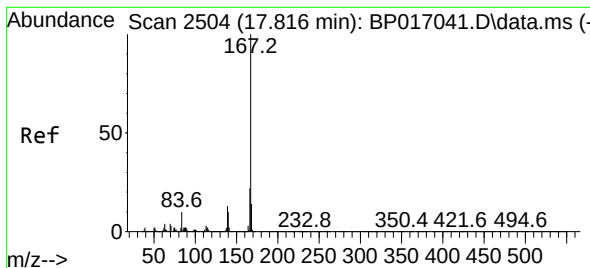
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#76  
Pentachlorobenzene  
Concen: 44.130 ng/uL  
RT: 14.922 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

Tgt Ion:250 Resp: 1068738  
Ion Ratio Lower Upper  
250 100  
248 64.1 51.2 76.8  
252 63.6 50.9 76.3





#77

Carbazole

Concen: 52.385 ng/ul

RT: 17.816 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:167 Resp: 4641290

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

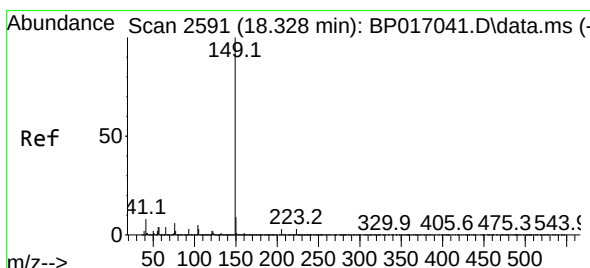
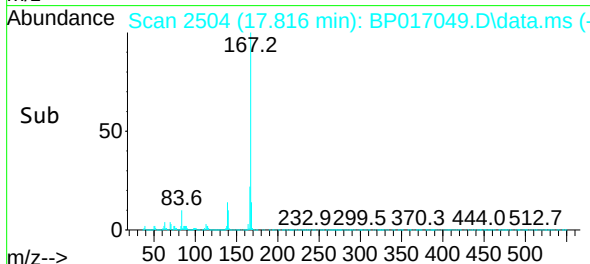
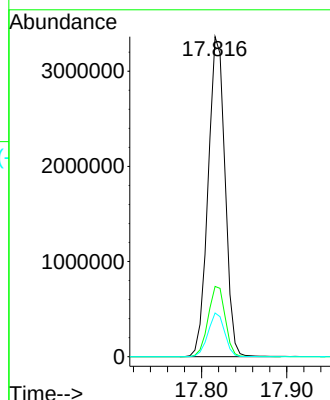
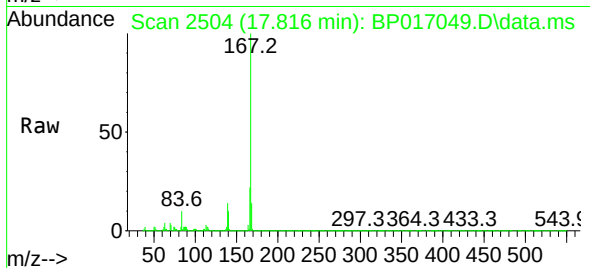
139 13.6 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#78

Di-n-butylphthalate

Concen: 53.031 ng/ul

RT: 18.327 min Scan# 2591

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

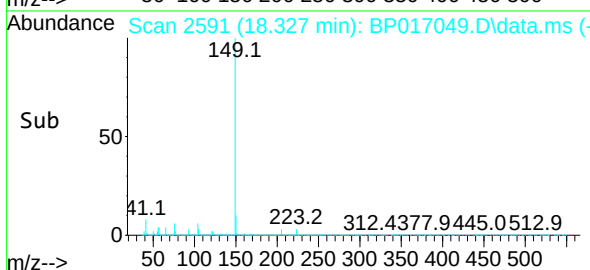
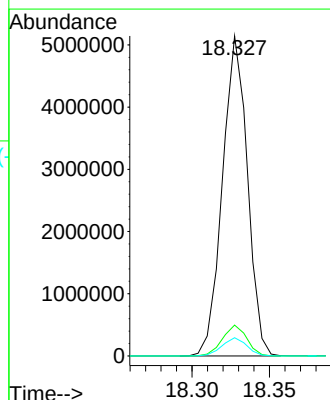
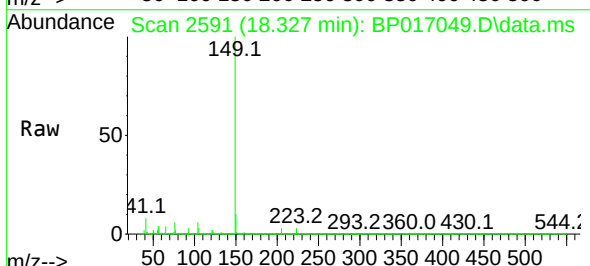
Tgt Ion:149 Resp: 5756140

Ion Ratio Lower Upper

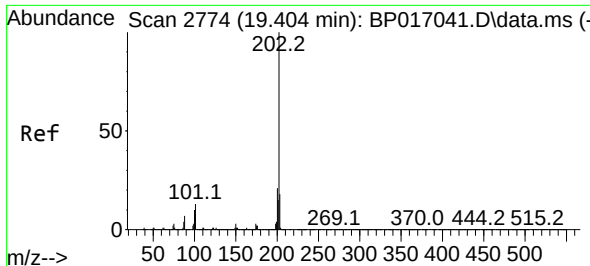
149 100

150 9.7 7.4 11.2

104 5.7 4.2 6.4

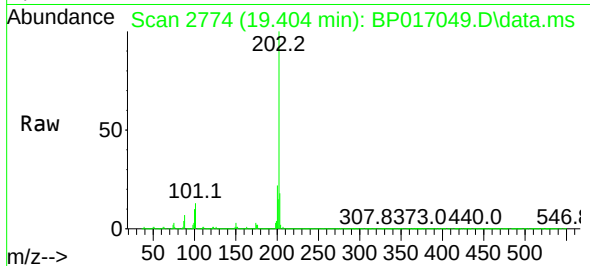






#80  
Fluoranthene  
Concen: 48.390 ng/u1  
RT: 19.404 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

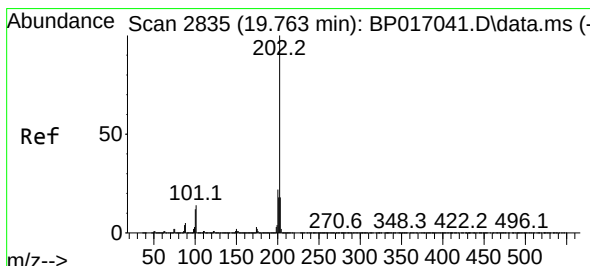
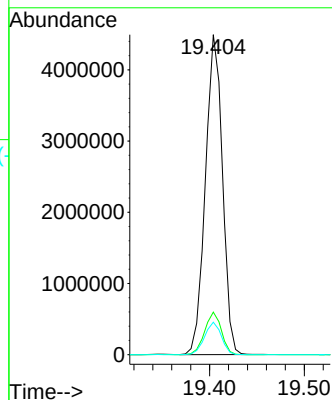
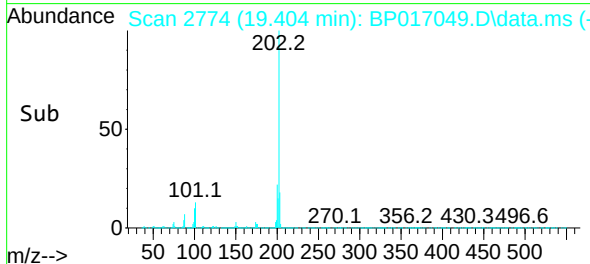
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



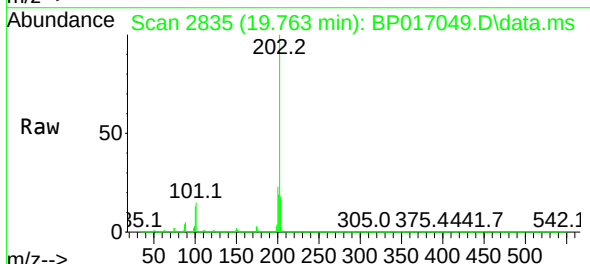
Tgt Ion:202 Resp: 561758  
Ion Ratio Lower Upper  
202 100  
101 13.3 10.0 15.0  
100 10.1 7.5 11.3

Manual Integrations  
APPROVED

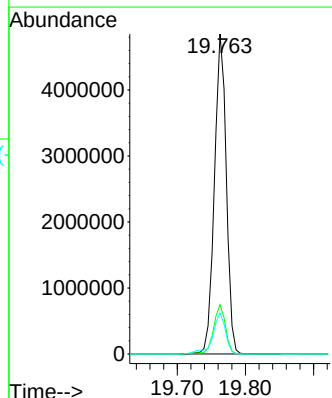
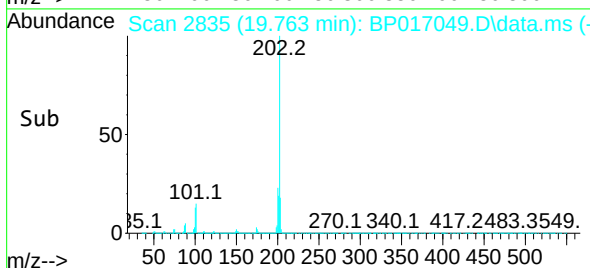
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

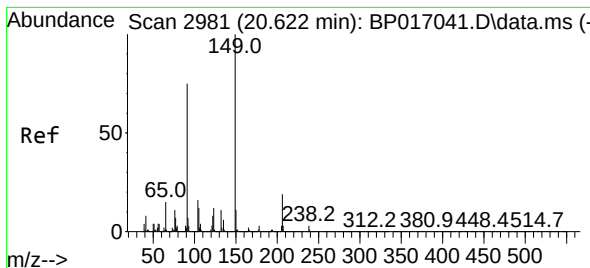


#82  
Pyrene  
Concen: 48.675 ng/u1  
RT: 19.763 min Scan# 2835  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:202 Resp: 5866946  
Ion Ratio Lower Upper  
202 100  
101 15.4 11.3 16.9  
100 12.9 9.4 14.0





#83

Butylbenzylphthalate

Concen: 54.590 ng/ul

RT: 20.621 min Scan# 2981

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNA\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:149 Resp: 272116

Ion Ratio Lower Upper

149 100

91 74.6 59.1 88.7

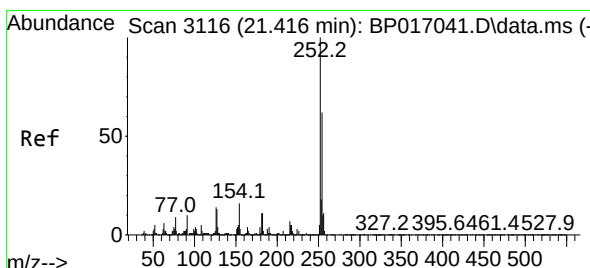
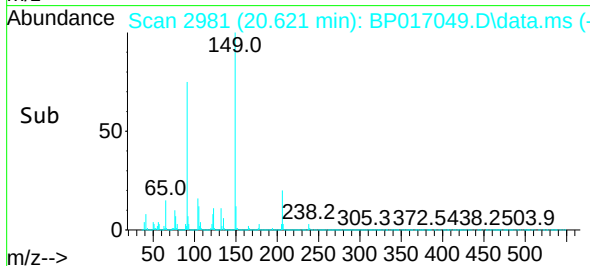
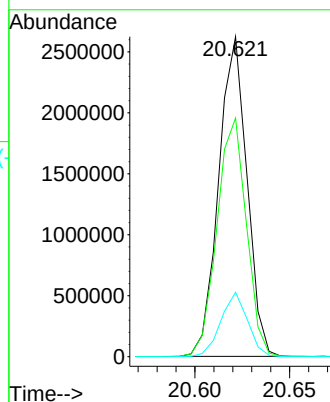
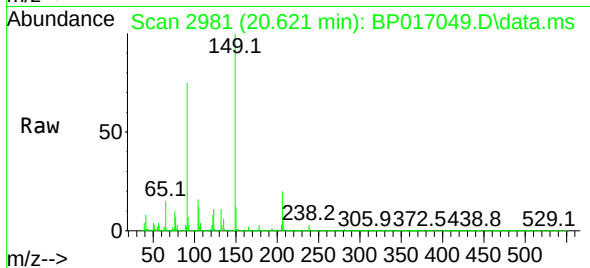
206 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#84

3,3'-Dichlorobenzidine

Concen: 35.638 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

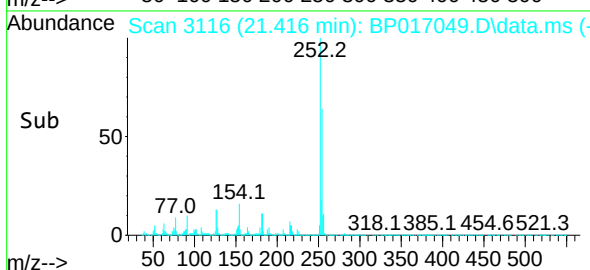
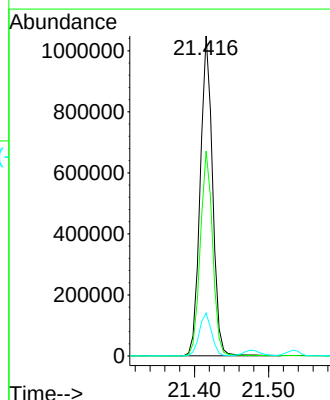
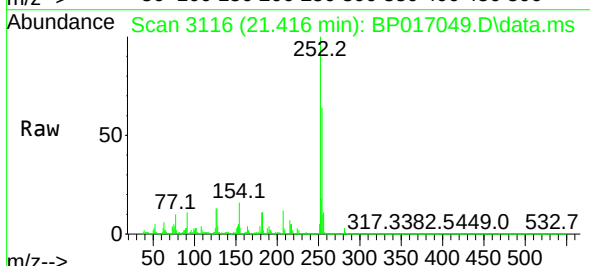
Tgt Ion:252 Resp: 1207269

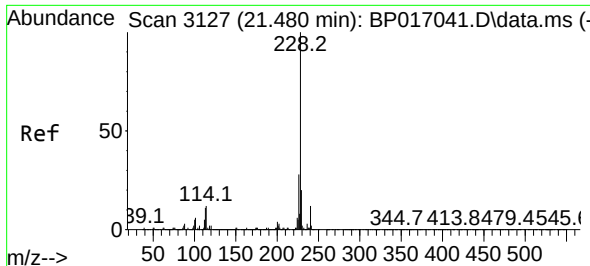
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.6

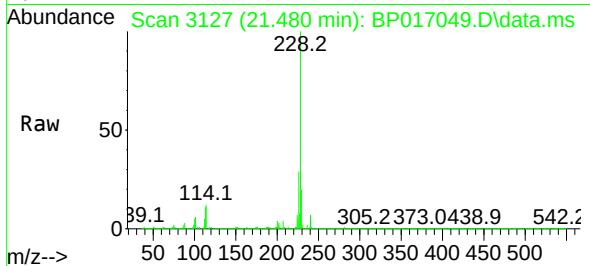
126 13.4 10.4 15.6





#85  
Benzo(a)anthracene  
Concen: 50.602 ng/uI  
RT: 21.480 min Scan# 3127  
Delta R.T. 0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

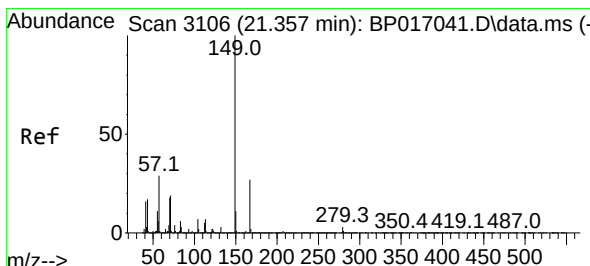
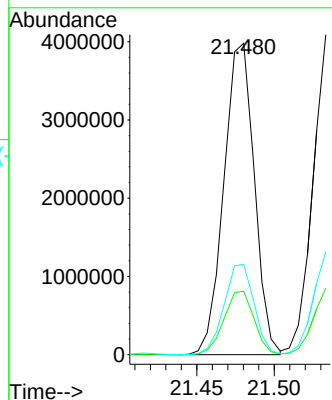
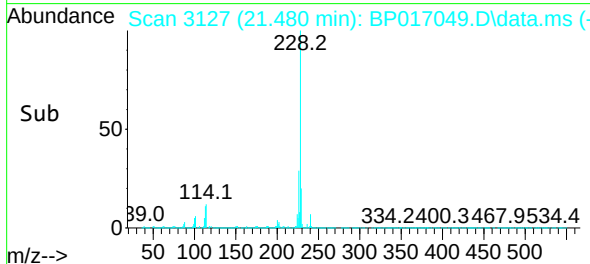
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



Tgt Ion:228 Resp: 543986  
Ion Ratio Lower Upper  
228 100  
229 20.3 15.8 23.8  
226 29.0 22.2 33.2

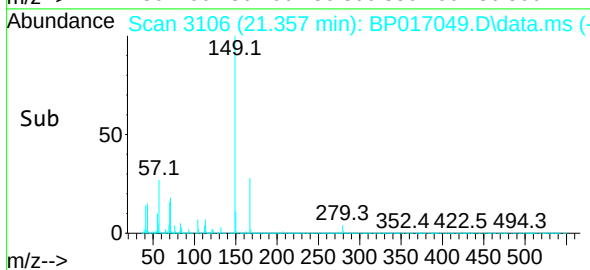
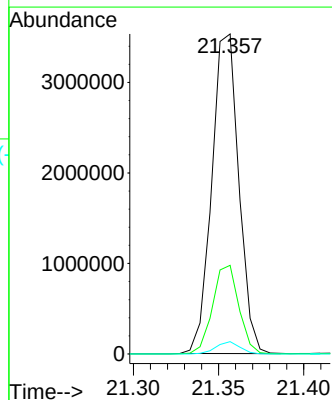
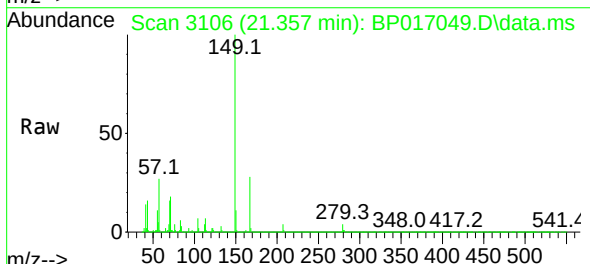
Manual Integrations  
APPROVED

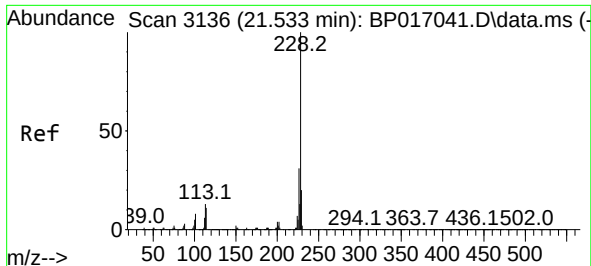
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 56.643 ng/uI  
RT: 21.357 min Scan# 3106  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

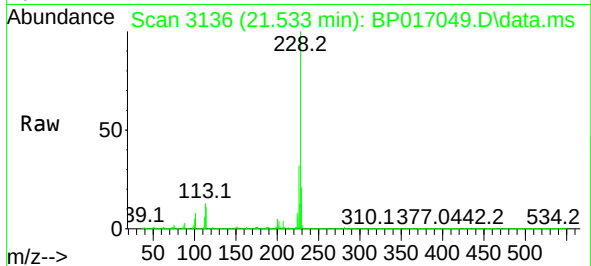
Tgt Ion:149 Resp: 3900634  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.4 32.2  
279 3.8 3.0 4.4





#87  
Chrysene  
Concen: 50.412 ng/ul  
RT: 21.533 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

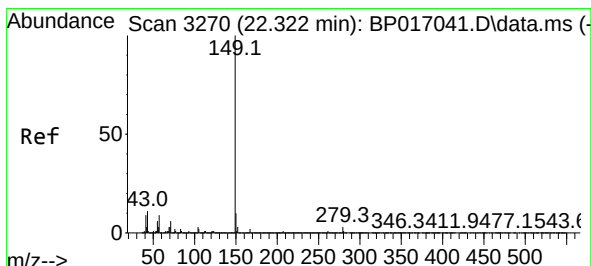
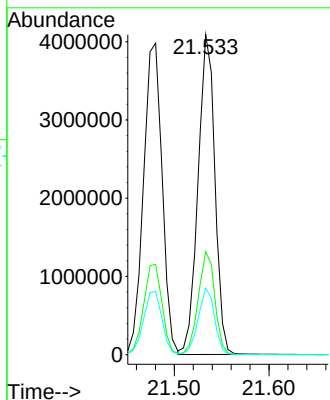
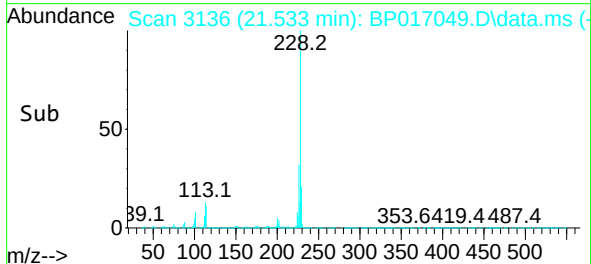
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



Tgt Ion:228 Resp: 5069429  
Ion Ratio Lower Upper  
228 100  
226 32.2 24.6 36.8  
229 20.7 15.9 23.9

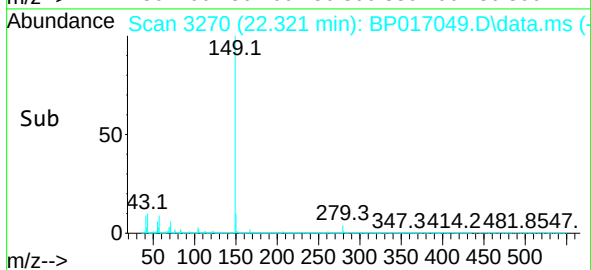
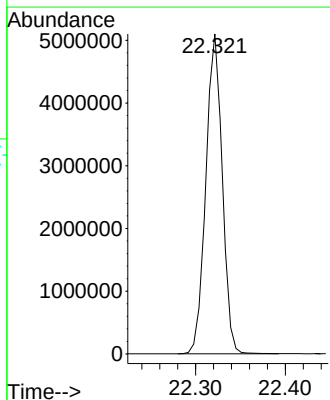
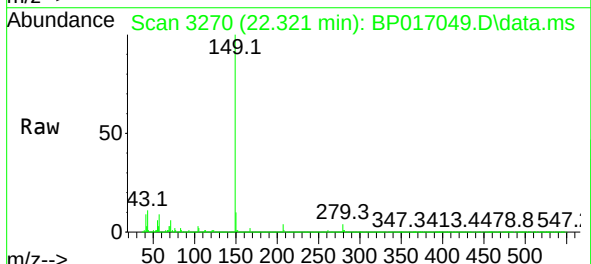
Manual Integrations  
APPROVED

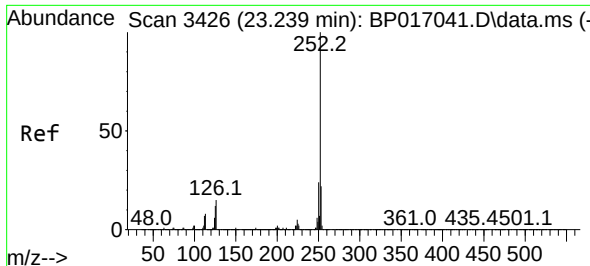
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023



#89  
Di-n-octyl phthalate  
Concen: 54.291 ng/ul  
RT: 22.321 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

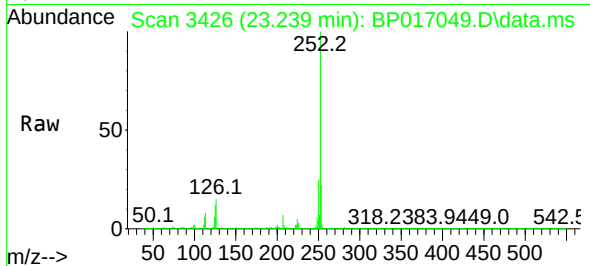
Tgt Ion:149 Resp: 6464763





#90  
Benzo(b)fluoranthene  
Concen: 49.314 ng/ul  
RT: 23.239 min Scan# 3426  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

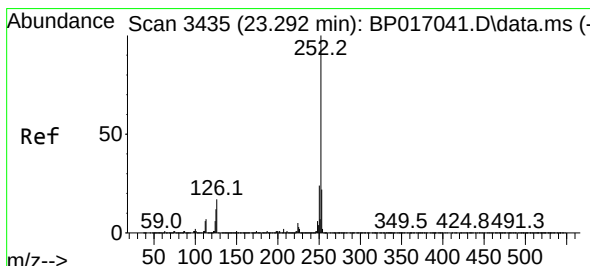
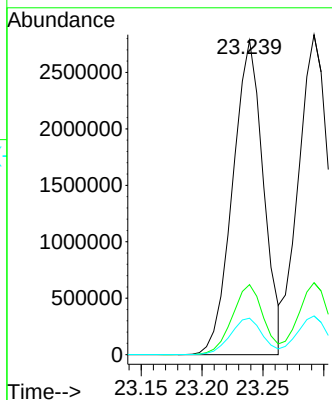
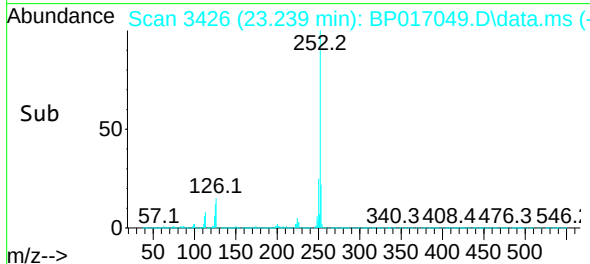
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



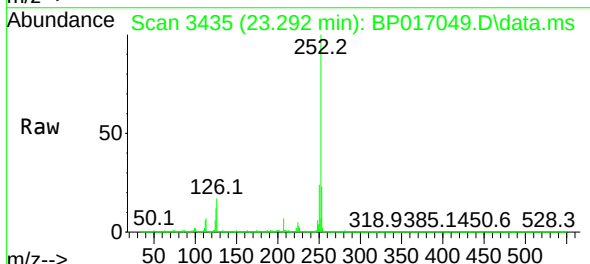
Tgt Ion:252 Resp: 4894280  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 11.6 8.8 13.2

Manual Integrations  
APPROVED

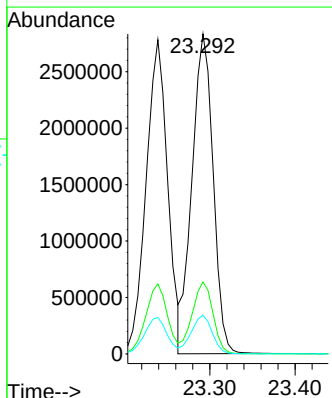
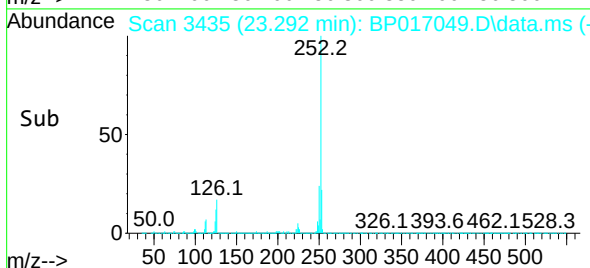
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

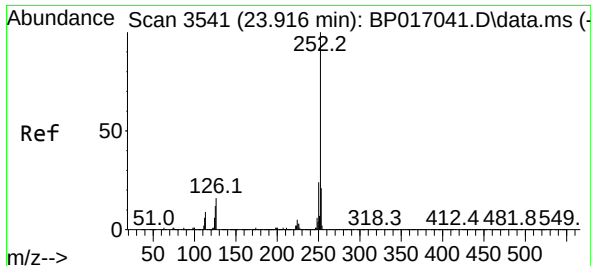


#91  
Benzo(k)fluoranthene  
Concen: 50.643 ng/ul  
RT: 23.292 min Scan# 3435  
Delta R.T. -0.000 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



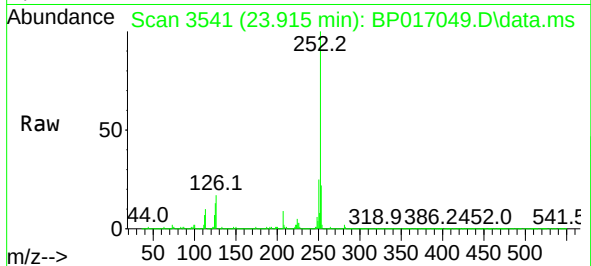
Tgt Ion:252 Resp: 4867158  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.7 26.5  
125 12.1 8.9 13.3





#93  
Benzo(a)pyrene  
Concen: 50.676 ng/ul  
RT: 23.915 min Scan# 3541  
Delta R.T. 0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25

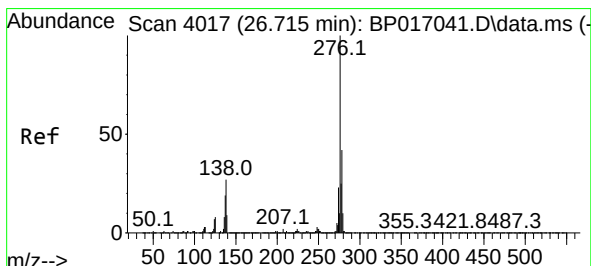
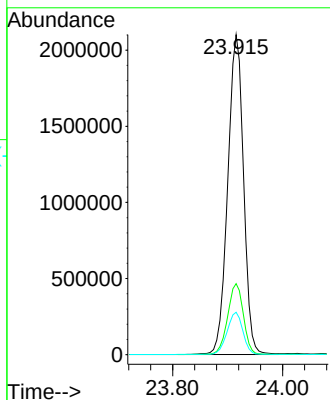
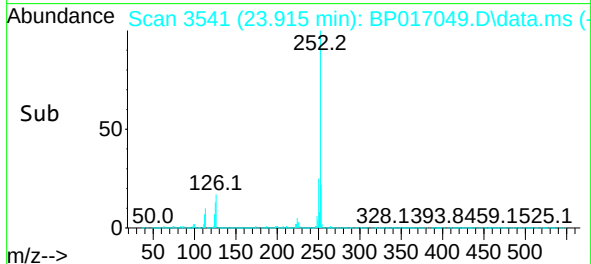
Instrument :  
BNA\_P  
ClientSampleId :  
BH9X8MSD



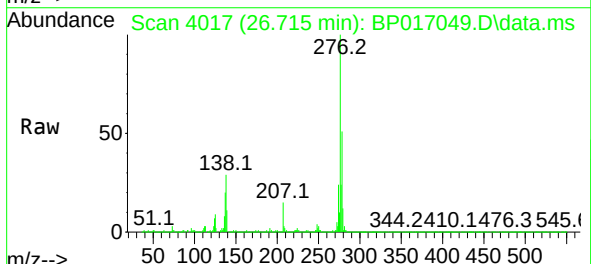
Tgt Ion:252 Resp: 419489  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 13.2 9.9 14.9

Manual Integrations  
APPROVED

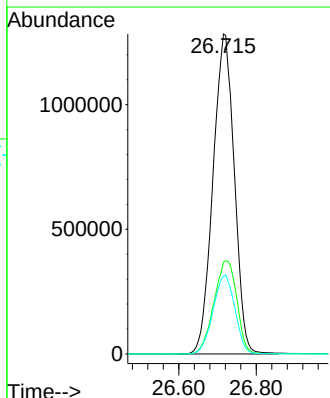
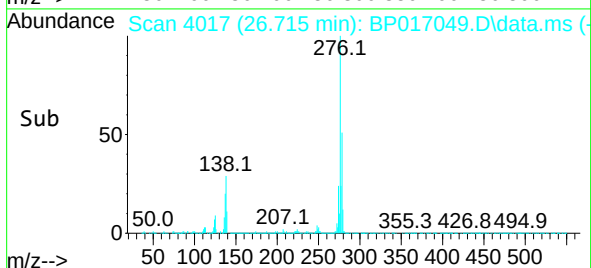
Reviewed By :Yogesh Patel 09/11/2023  
Supervised By :mohammad ahmed 09/11/2023

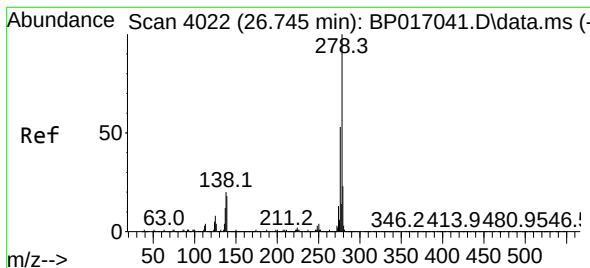


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 53.402 ng/ul  
RT: 26.715 min Scan# 4017  
Delta R.T. 0.006 min  
Lab File: BP017049.D  
Acq: 09 Sep 2023 13:25



Tgt Ion:276 Resp: 4907001  
Ion Ratio Lower Upper  
276 100  
138 28.7 21.4 32.0  
277 24.3 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 53.858 ng/ul

RT: 26.739 min Scan# 4022

Delta R.T. -0.000 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Instrument :

BNP\_P

ClientSampleId :

BH9X8MSD

Tgt Ion:278 Resp: 408464

Ion Ratio Lower Upper

278 100

139 19.5 14.9 22.3

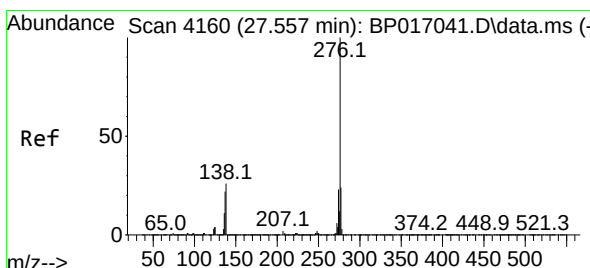
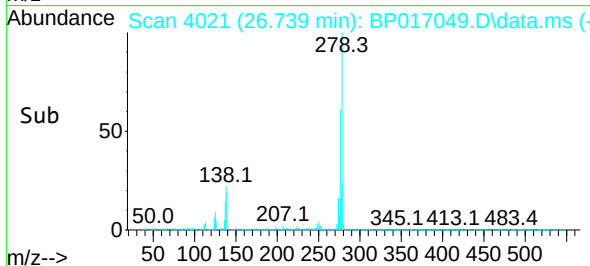
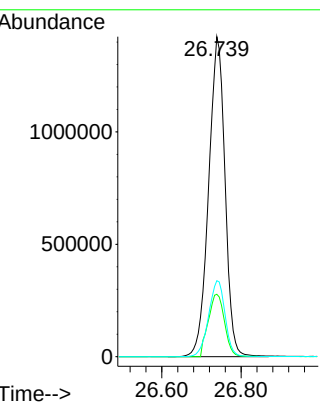
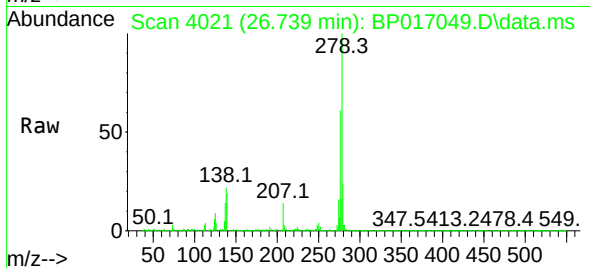
279 23.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2023

Supervised By :mohammad ahmed 09/11/2023



#96

Benzo(g,h,i)perylene

Concen: 51.752 ng/ul

RT: 27.562 min Scan# 4161

Delta R.T. 0.012 min

Lab File: BP017049.D

Acq: 09 Sep 2023 13:25

Tgt Ion:276 Resp: 3747448

Ion Ratio Lower Upper

276 100

138 26.1 19.5 29.3

277 23.3 18.7 28.1

