

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091223\  
 Data File : BP017173.D  
 Acq On : 14 Sep 2023 12:51  
 Operator : MA/JU  
 Sample : 04324-22MSD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJA8MSD

Quant Time: Sep 14 23:15:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP091223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 12 23:27:27 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 178609   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.775 | 136  | 708118   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.610 | 164  | 386135   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.381 | 188  | 755484   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.486 | 240  | 707995   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.010 | 264  | 812513   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.311  | 96   | 25080    | 5.901  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.746  | 84   | 252572   | 20.773 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.105  | 99   | 120277   | 8.282  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67   | 399732   | 44.036 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.469  | 132  | 279195   | 24.098 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.663  | 113  | 194752   | 16.180 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.152  | 128  | 245090   | 49.429 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.863  | 143  | 173428   | 32.762 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.393 | 165  | 313036   | 30.578 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.940 | 131  | 632937   | 41.019 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.028 | 166  | 1442405  | 52.493 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.310 | 160  | 1635876  | 52.467 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.834 | 143  | 41011    | 7.722  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.610 | 176  | 1220541  | 51.372 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200  | 156336   | 37.039 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.481 | 188  | 1848835  | 57.598 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.722 | 212  | 2088132  | 56.237 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.845 | 264  | 2207073  | 57.552 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.346  | 88   | 38523    | 8.429  | ng/uL  | 92       |
| 5) Pyridine                   | 3.770  | 79   | 285673   | 22.683 | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.111  | 77   | 373406   | 46.181 | ng/u1  | 99       |
| 8) Phenol                     | 7.128  | 94   | 141401   | 9.231  | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.387  | 93   | 569532   | 46.618 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.505  | 128  | 311974   | 26.528 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.393  | 108  | 237861   | 20.830 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.463  | 45   | 736164m  | 44.463 | ng/u1  |          |
| 16) Acetophenone              | 8.805  | 105  | 871739   | 46.272 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.769  | 70   | 442070   | 45.663 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.728  | 108  | 230503   | 18.245 | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.016  | 117  | 194881   | 40.293 | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.193  | 77   | 665058   | 51.504 | ng/u1  | 99       |
| 23) Isophorone                | 9.705  | 82   | 1194488  | 49.363 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.899  | 139  | 205823   | 34.983 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.934  | 107  | 322277   | 26.878 | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93   | 750751   | 49.501 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.416 | 162  | 337356   | 32.555 | ng/u1  | 98       |
| 30) Naphthalene               | 10.828 | 128  | 1765251  | 49.264 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.963 | 127  | 533321   | 35.419 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 316364   | 44.960 | ng/u1  | 98       |
| 34) Caprolactam               | 11.793 | 113  | 23451m   | 7.199  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.063 | 107  | 331524   | 29.568 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.434 | 142  | 1150634  | 47.589 | ng/u1  | 98       |

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Quant Time: Sep 14 23:15:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP091223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 12 23:27:27 2023  
 Response via : Initial Calibration

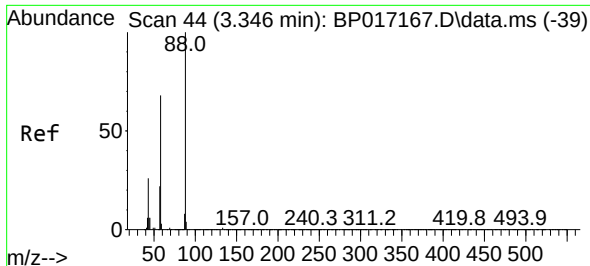
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.651 | 142  | 1112147  | 45.441 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.781 | 216  | 640138   | 55.661 | ng/ul | 96       |
| 40) Hexachlorocyclopentadiene | 12.734 | 237  | 265444   | 37.045 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.040 | 196  | 279826   | 38.301 | ng/ul | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.104 | 196  | 306703   | 39.487 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.445 | 154  | 1561436  | 56.393 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.493 | 162  | 1227637  | 55.831 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.728 | 65   | 359872   | 60.422 | ng/ul | 98       |
| 47) Dimethylphthalate         | 14.075 | 163  | 1576092  | 56.502 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.222 | 165  | 313835   | 61.540 | ng/ul | 99       |
| 50) Acenaphthylene            | 14.340 | 152  | 1914267  | 53.145 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.557 | 138  | 297551   | 54.541 | ng/ul | 100      |
| 52) Acenaphthene              | 14.675 | 153  | 1317036  | 55.256 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.757 | 184  | 105543   | 29.548 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.845 | 109  | 36637    | 8.619  | ng/ul | 96       |
| 56) Dibenzofuran              | 15.016 | 168  | 1844205  | 55.989 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.004 | 165  | 440113   | 57.958 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.228 | 232  | 247533   | 36.327 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.428 | 149  | 1540661  | 55.942 | ng/ul | 100      |
| 61) Fluorene                  | 15.663 | 166  | 1517593  | 55.727 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 778853   | 56.253 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.728 | 138  | 288029   | 56.790 | ng/ul | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.751 | 198  | 177080   | 39.092 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.881 | 169  | 1250203  | 63.644 | ng/ul | 97       |
| 68) 4-Bromophenyl-phenylether | 16.563 | 248  | 472417   | 65.601 | ng/ul | 95       |
| 69) Hexachlorobenzene         | 16.639 | 284  | 540648   | 63.428 | ng/ul | 100      |
| 70) Atrazine                  | 16.839 | 200  | 197170   | 27.729 | ng/ul | 98       |
| 71) Pentachlorophenol         | 17.004 | 266  | 180320   | 32.551 | ng/ul | 99       |
| 72) Phenanthrene              | 17.428 | 178  | 2315928  | 61.000 | ng/ul | 99       |
| 74) Anthracene                | 17.516 | 178  | 2355890  | 61.267 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.398 | 216  | 62914    | 6.023  | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.904 | 250  | 660001   | 69.633 | ng/uL | 99       |
| 77) Carbazole                 | 17.804 | 167  | 2063507  | 61.114 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.316 | 149  | 2472580  | 64.264 | ng/ul | 100      |
| 80) Fluoranthene              | 19.392 | 202  | 2655945  | 61.197 | ng/ul | 99       |
| 82) Pyrene                    | 19.751 | 202  | 2760467  | 60.197 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.610 | 149  | 1083954  | 66.276 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.410 | 252  | 855180   | 58.916 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.469 | 228  | 2779013  | 59.949 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 1607275  | 70.007 | ng/ul | 100      |
| 87) Chrysene                  | 21.522 | 228  | 2615975  | 60.665 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.310 | 149  | 2799340  | 62.135 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.227 | 252  | 2895831  | 60.464 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.280 | 252  | 2911301  | 61.147 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.904 | 252  | 2609960  | 58.739 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.698 | 276  | 3574469  | 72.648 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.721 | 278  | 3001367  | 72.617 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.539 | 276  | 2887119  | 75.884 | ng/ul | 98       |

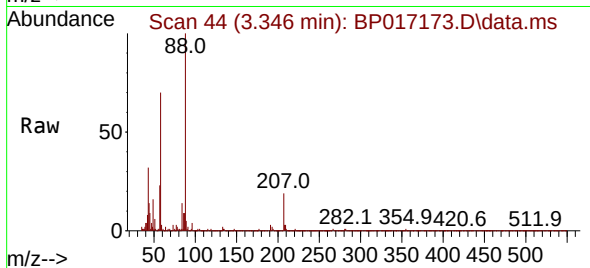
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 8.429 ng/uL  
RT: 3.346 min Scan# 44  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

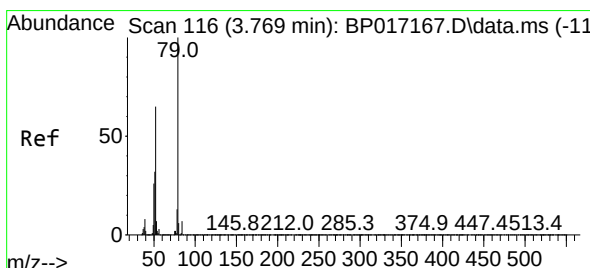
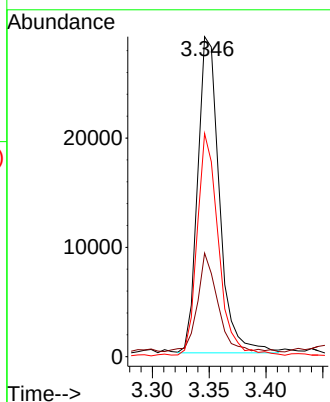
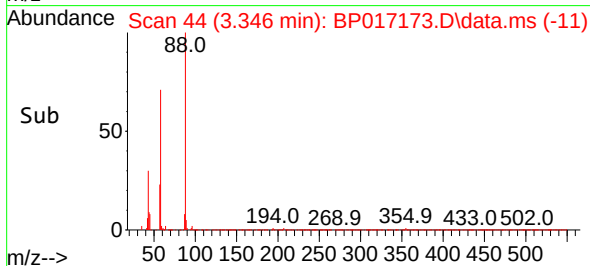
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion: 88 Resp: 3852  
Ion Ratio Lower Upper  
88 100  
43 32.3 21.9 32.9  
58 69.7 50.8 76.2

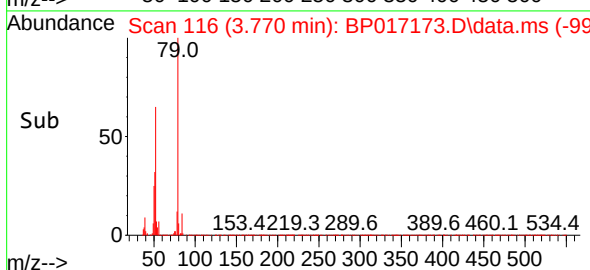
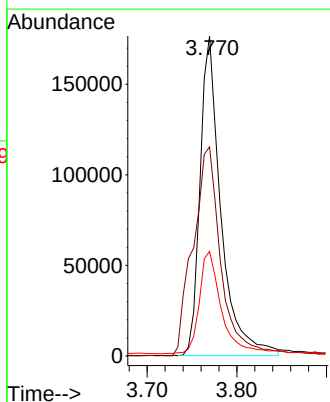
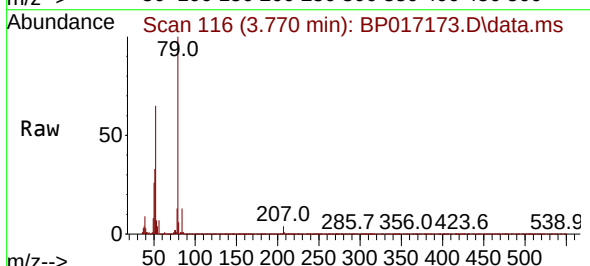
Manual Integrations  
APPROVED

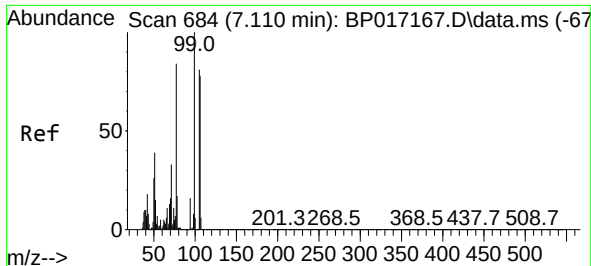
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#5  
Pyridine  
Concen: 22.683 ng/uL  
RT: 3.770 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion: 79 Resp: 285673  
Ion Ratio Lower Upper  
79 100  
52 65.4 54.5 81.7  
51 32.7 27.0 40.6





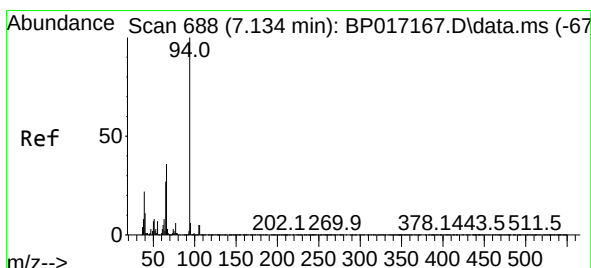
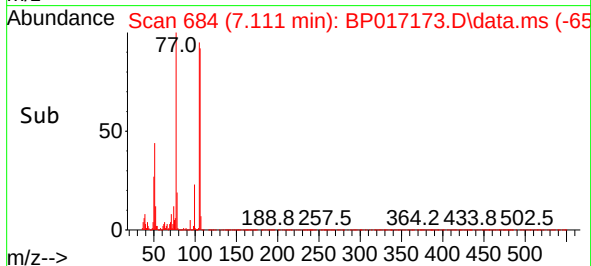
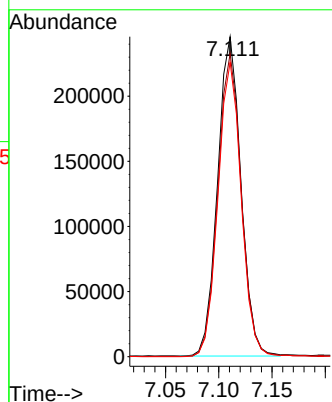
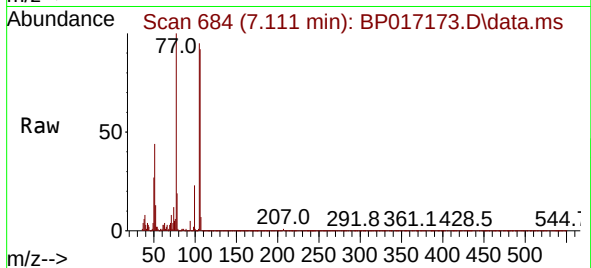
#6  
Benzaldehyde  
Concen: 46.181 ng/ul  
RT: 7.111 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion: 77 Resp: 373400  
Ion Ratio Lower Upper  
77 100  
105 94.7 75.3 112.9  
106 92.0 74.6 111.8

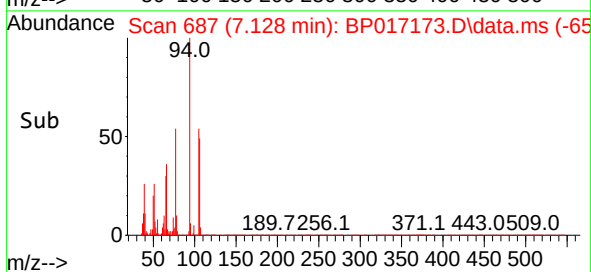
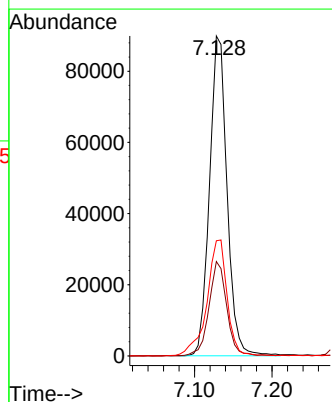
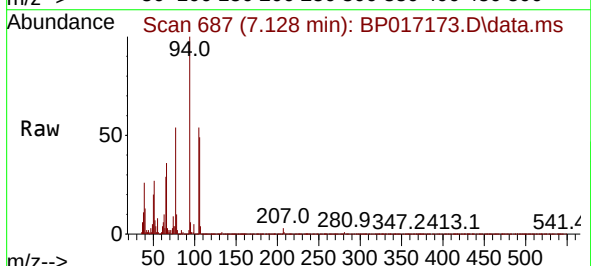
Manual Integrations  
APPROVED

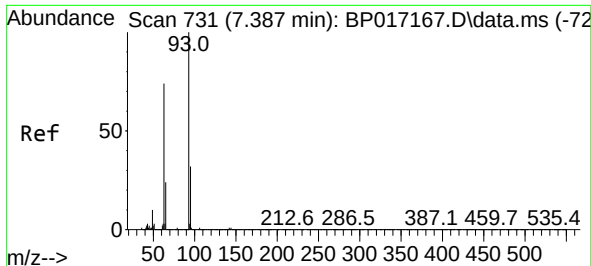
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#8  
Phenol  
Concen: 9.231 ng/ul  
RT: 7.128 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

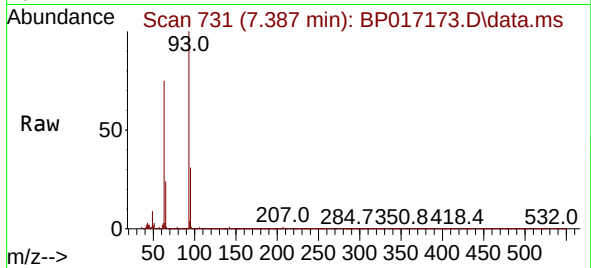
Tgt Ion: 94 Resp: 141401  
Ion Ratio Lower Upper  
94 100  
65 29.5 22.7 34.1  
66 36.0 29.6 44.4





#10  
Bis(2-Chloroethyl)ether  
Concen: 46.618 ng/ul  
RT: 7.387 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

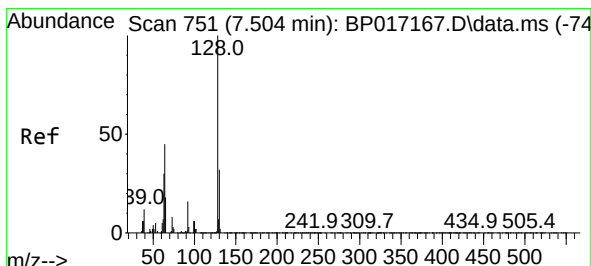
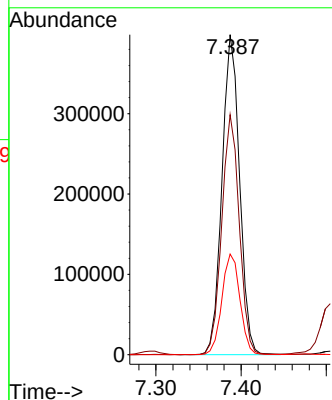
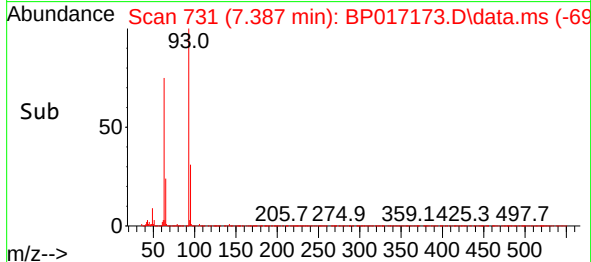
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion: 93 Resp: 569532  
Ion Ratio Lower Upper  
93 100  
63 75.0 59.5 89.3  
95 31.5 25.8 38.6

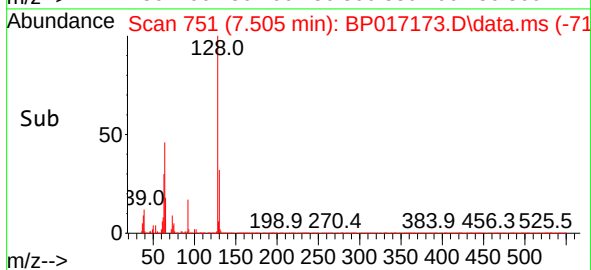
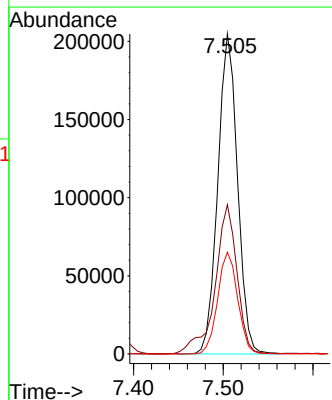
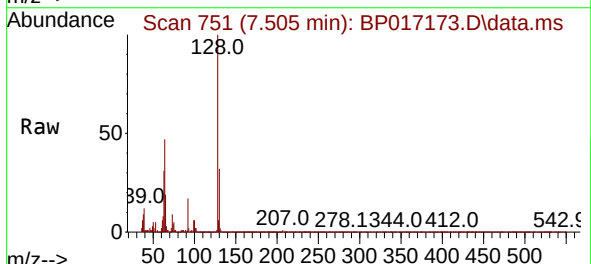
Manual Integrations  
APPROVED

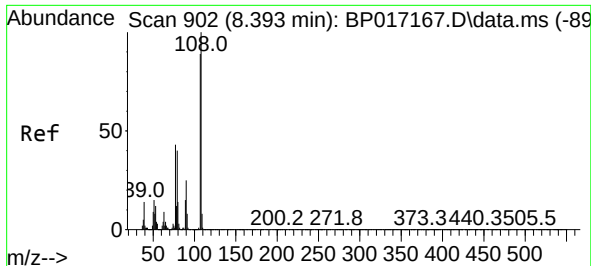
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#12  
2-Chlorophenol  
Concen: 26.528 ng/ul  
RT: 7.505 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:128 Resp: 311974  
Ion Ratio Lower Upper  
128 100  
64 46.6 36.8 55.2  
130 31.8 26.3 39.5





#13

2-Methylphenol

Concen: 20.830 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:108 Resp: 23786

Ion Ratio Lower Upper

108 100

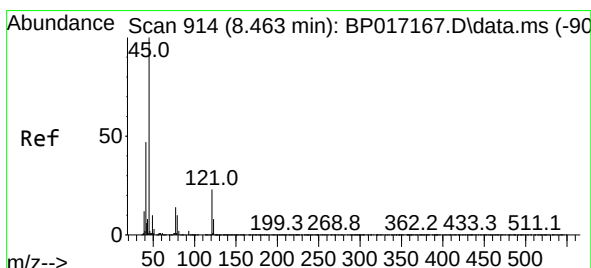
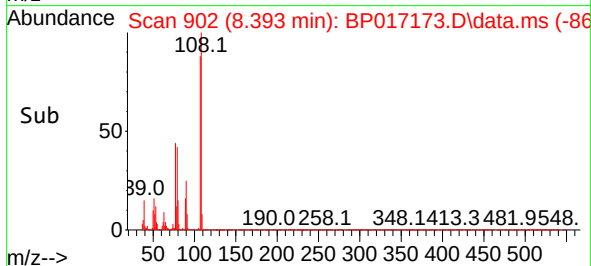
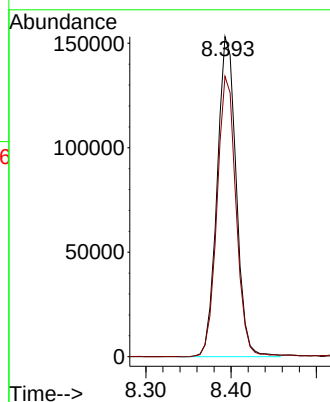
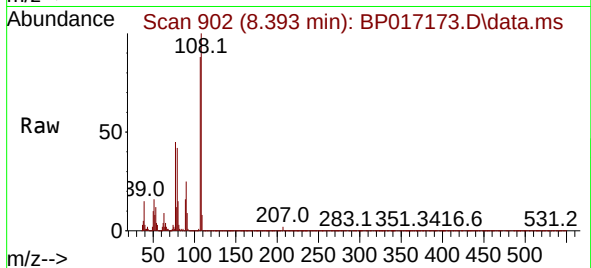
107 87.6 72.2 108.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 44.463 ng/ul m

RT: 8.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

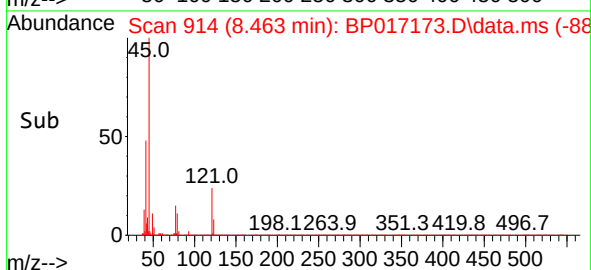
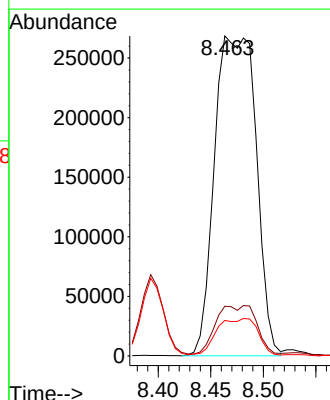
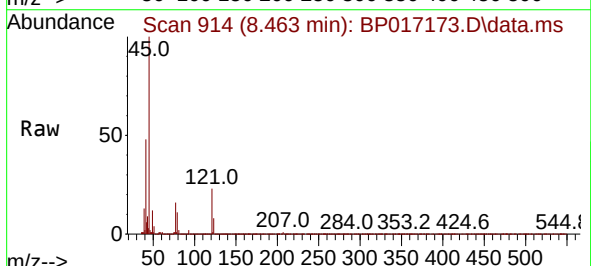
Tgt Ion: 45 Resp: 736164

Ion Ratio Lower Upper

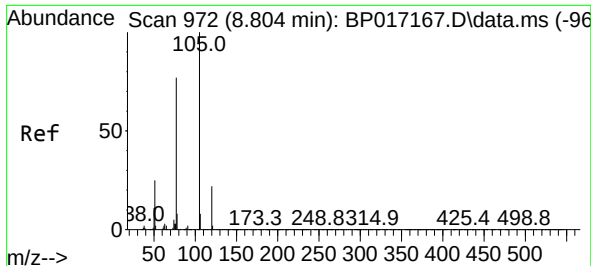
45 100

77 15.5 12.5 18.7

79 11.1 8.8 13.2

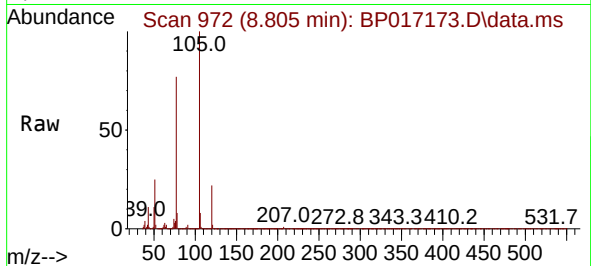






#16  
Acetophenone  
Concen: 46.272 ng/ul  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

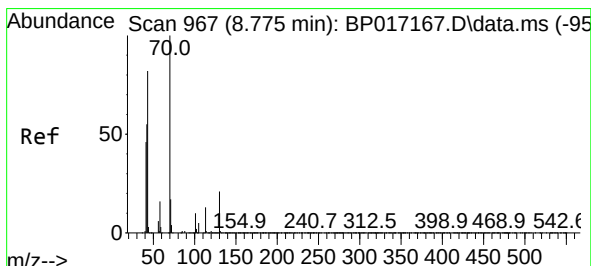
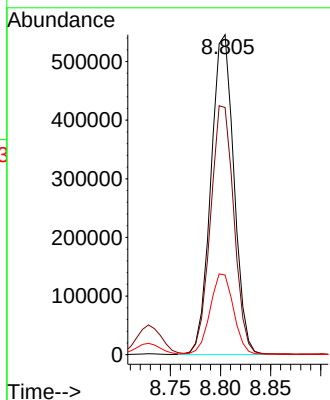
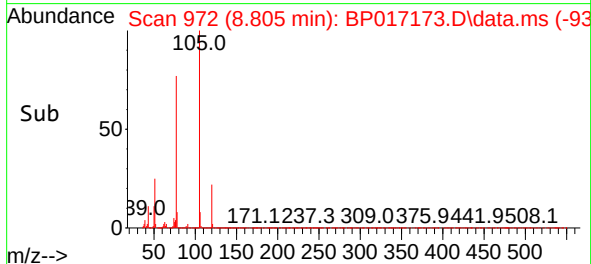
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



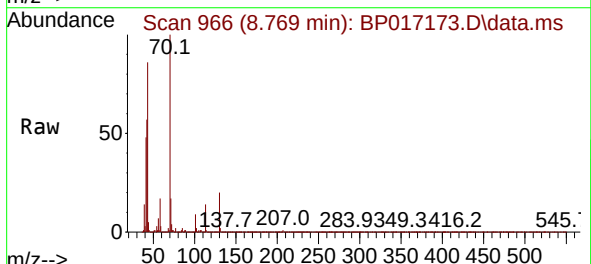
Tgt Ion:105 Resp: 871739  
Ion Ratio Lower Upper  
105 100  
77 77.2 63.0 94.4  
51 24.9 20.5 30.7

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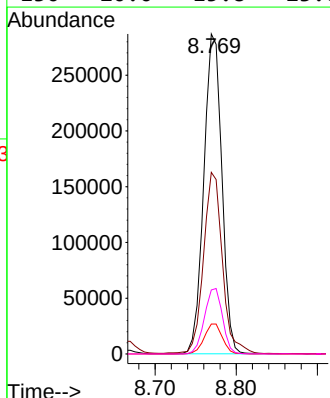
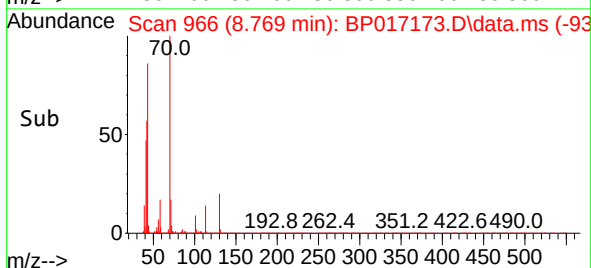
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



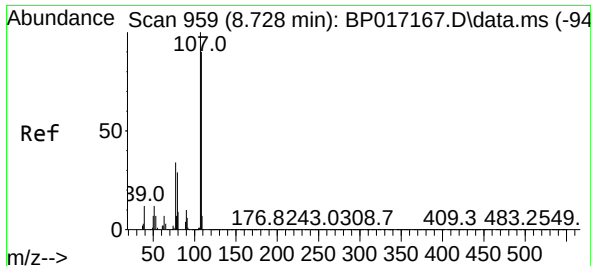
#17  
N-Nitroso-di-n-propylamine  
Concen: 45.663 ng/ul  
RT: 8.769 min Scan# 966  
Delta R.T. -0.012 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion: 70 Resp: 442070  
Ion Ratio Lower Upper  
70 100  
42 56.7 43.9 65.9  
101 9.3 7.0 10.4  
130 20.0 15.8 23.6

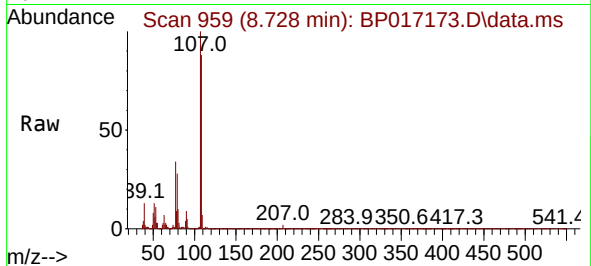






#18  
4-Methylphenol  
Concen: 18.245 ng/ul  
RT: 8.728 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

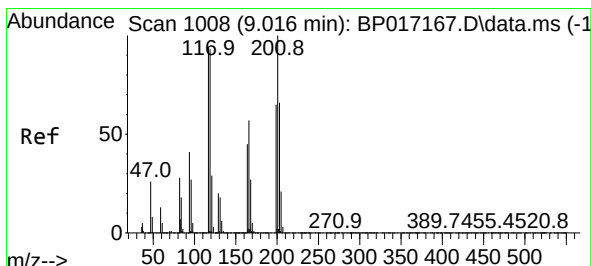
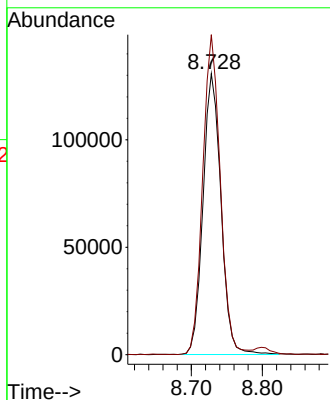
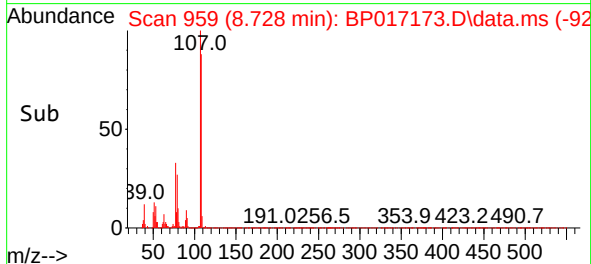
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



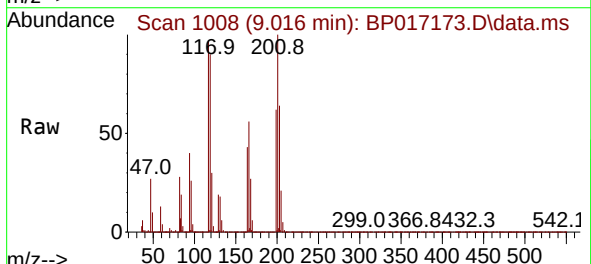
Tgt Ion:108 Resp: 23050  
Ion Ratio Lower Upper  
108 100  
107 113.9 91.4 137.0

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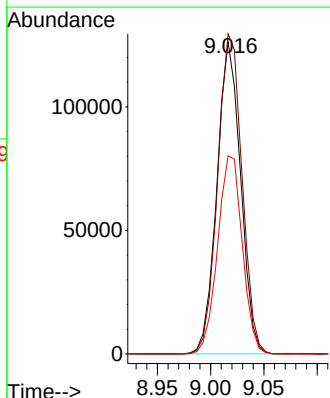
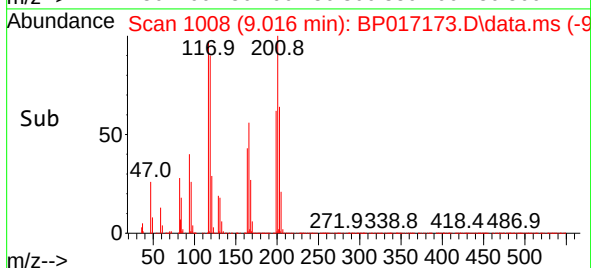
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

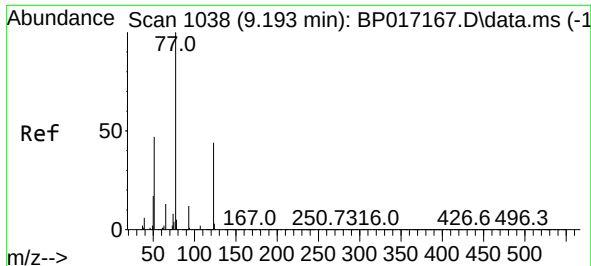


#19  
Hexachloroethane  
Concen: 40.293 ng/ul  
RT: 9.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion:117 Resp: 194881  
Ion Ratio Lower Upper  
117 100  
201 102.6 79.9 119.9  
199 63.5 49.4 74.2





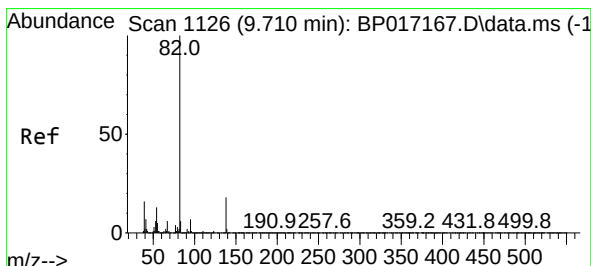
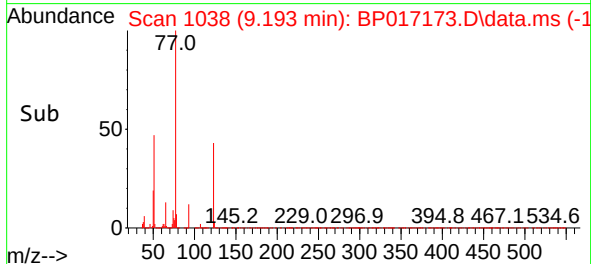
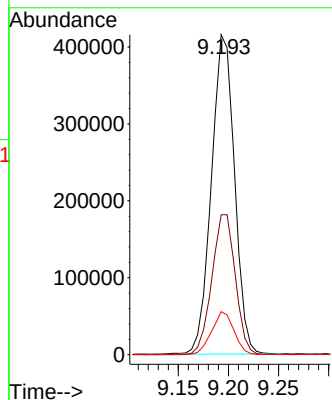
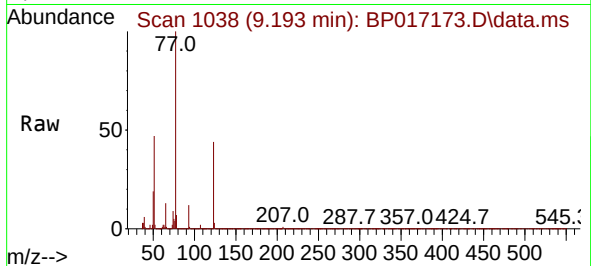
#22  
Nitrobenzene  
Concen: 51.504 ng/ul  
RT: 9.193 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion: 77 Resp: 665058  
Ion Ratio Lower Upper  
77 100  
123 43.7 34.6 51.8  
65 13.5 10.6 16.0

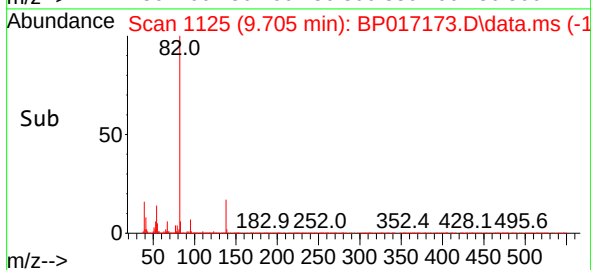
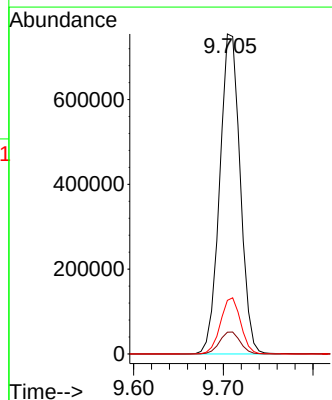
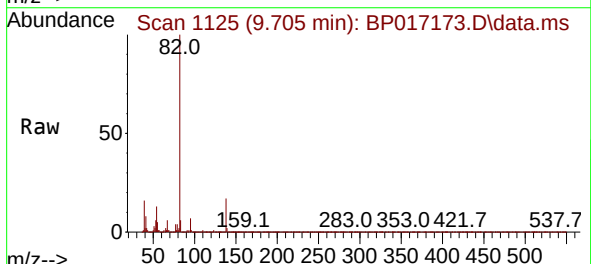
Manual Integrations  
APPROVED

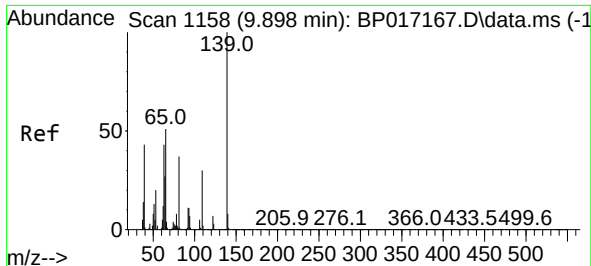
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#23  
Isophorone  
Concen: 49.363 ng/ul  
RT: 9.705 min Scan# 1125  
Delta R.T. -0.012 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion: 82 Resp: 1194488  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.6 8.4  
138 16.7 14.0 21.0





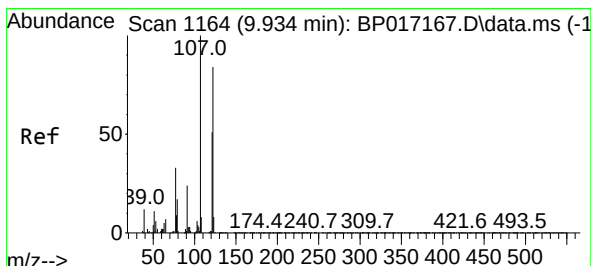
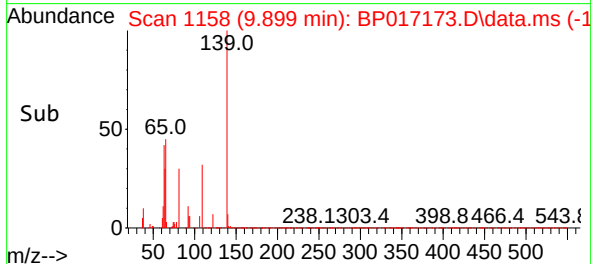
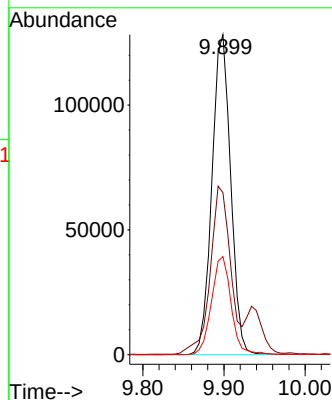
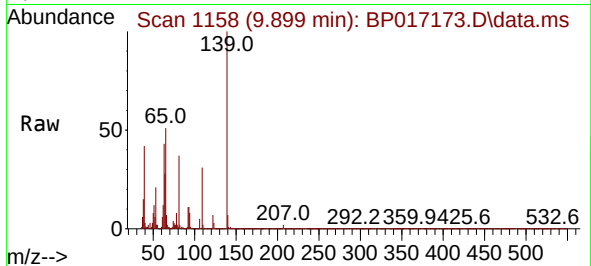
#25  
2-Nitrophenol  
Concen: 34.983 ng/ul  
RT: 9.899 min Scan# 1158  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion:139 Resp: 20582  
Ion Ratio Lower Upper  
139 100  
65 50.7 41.9 62.9  
109 30.6 23.5 35.3

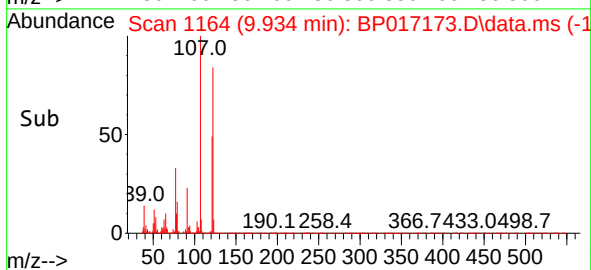
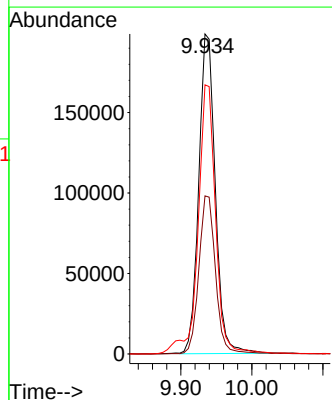
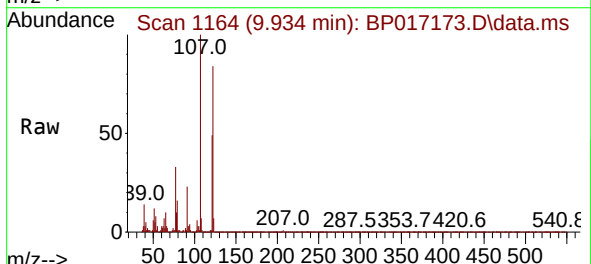
Manual Integrations  
APPROVED

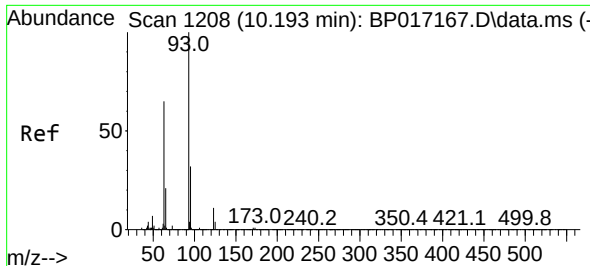
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#26  
2,4-Dimethylphenol  
Concen: 26.878 ng/ul  
RT: 9.934 min Scan# 1164  
Delta R.T. -0.012 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

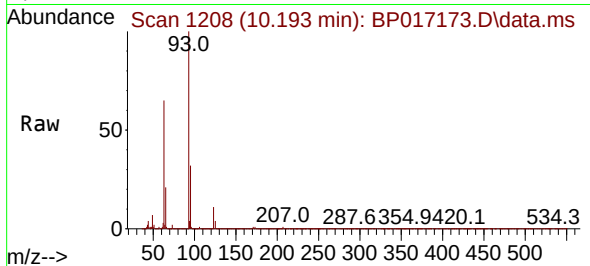
Tgt Ion:107 Resp: 322277  
Ion Ratio Lower Upper  
107 100  
121 49.4 41.7 62.5  
122 84.1 70.4 105.6





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 49.501 ng/ul  
 RT: 10.193 min Scan# 1208  
 Delta R.T. -0.012 min  
 Lab File: BP017173.D  
 Acq: 14 Sep 2023 12:51

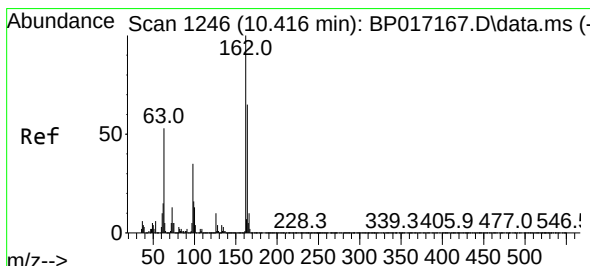
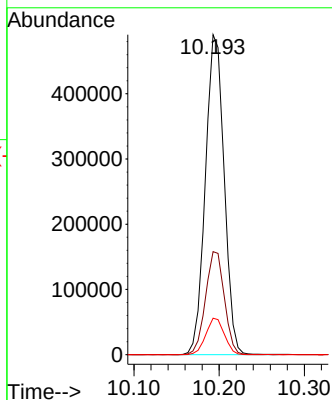
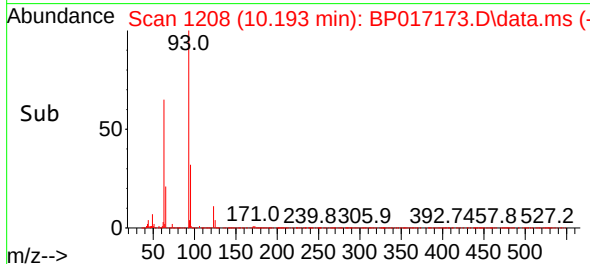
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJA8MSD



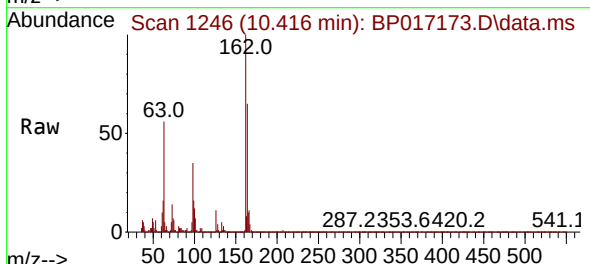
Tgt Ion: 93 Resp: 75075  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 26.2 39.4  
 123 11.4 9.3 13.9

Manual Integrations  
 APPROVED

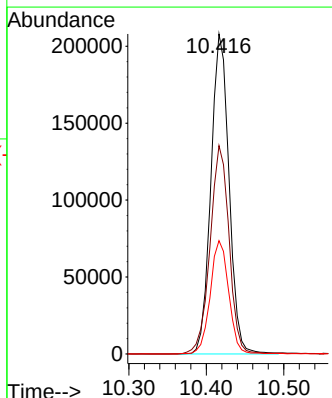
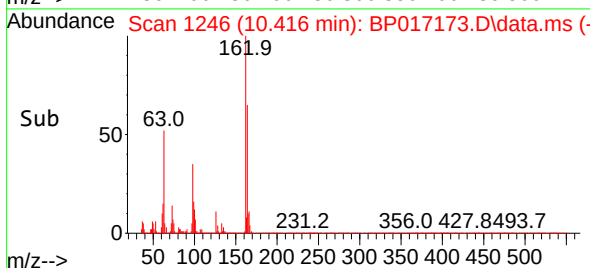
Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

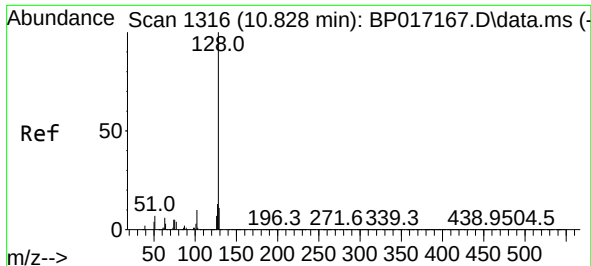


#29  
 2,4-Dichlorophenol  
 Concen: 32.555 ng/ul  
 RT: 10.416 min Scan# 1246  
 Delta R.T. -0.006 min  
 Lab File: BP017173.D  
 Acq: 14 Sep 2023 12:51



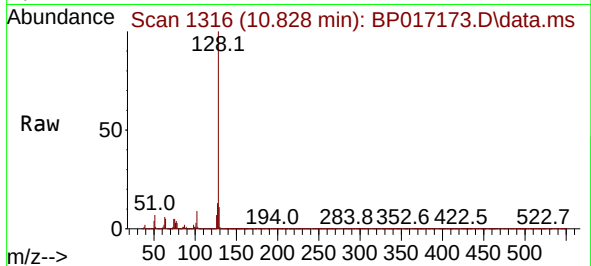
Tgt Ion:162 Resp: 337356  
 Ion Ratio Lower Upper  
 162 100  
 164 65.1 53.2 79.8  
 98 35.4 30.0 45.0





#30  
Naphthalene  
Concen: 49.264 ng/ul  
RT: 10.828 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

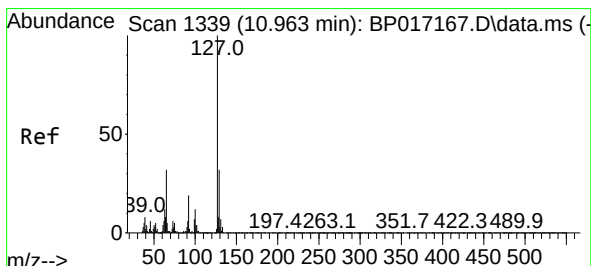
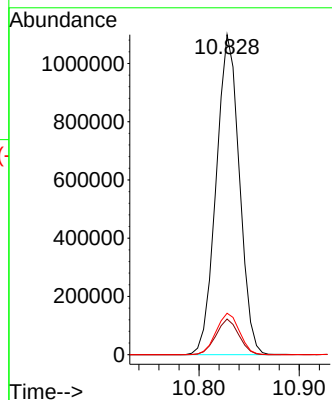
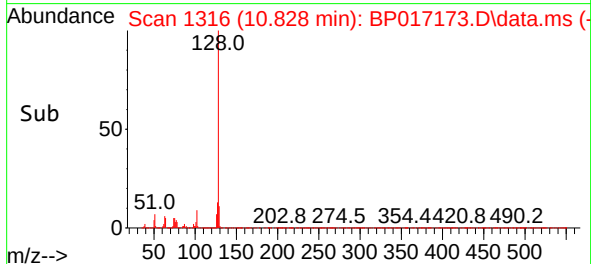
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:128 Resp: 176525  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 12.9 10.4 15.6

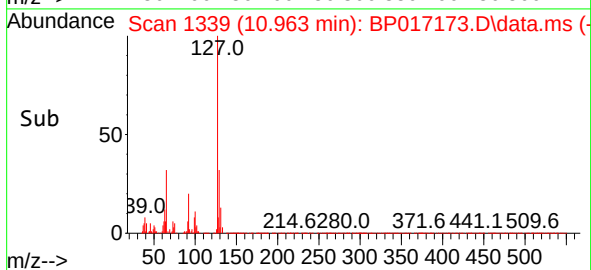
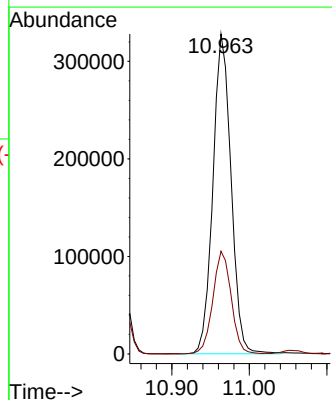
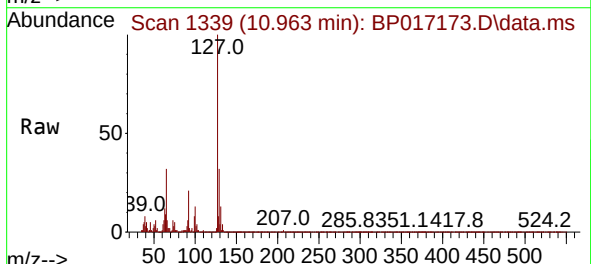
Manual Integrations  
APPROVED

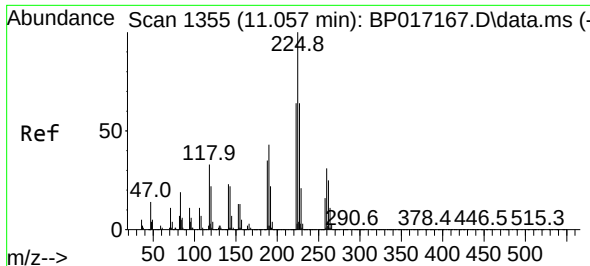
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#32  
4-Chloroaniline  
Concen: 35.419 ng/ul  
RT: 10.963 min Scan# 1339  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

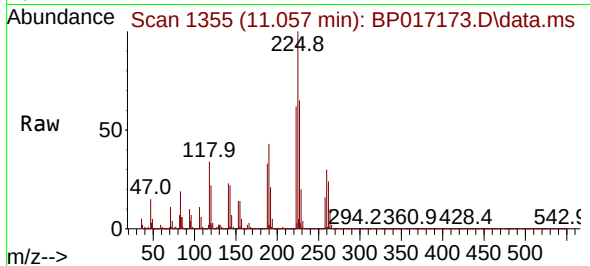
Tgt Ion:127 Resp: 533321  
Ion Ratio Lower Upper  
127 100  
129 32.1 24.8 37.2





#33  
Hexachlorobutadiene  
Concen: 44.960 ng/ul  
RT: 11.057 min Scan# 1355  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

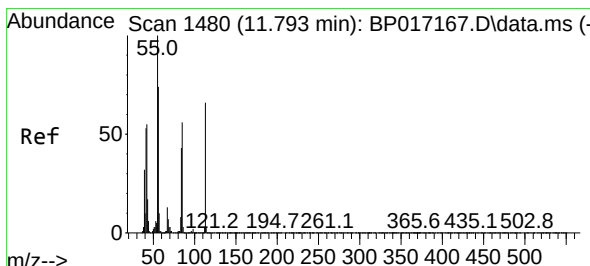
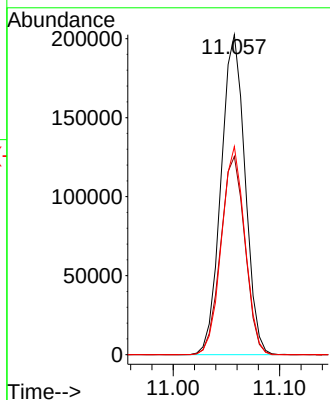
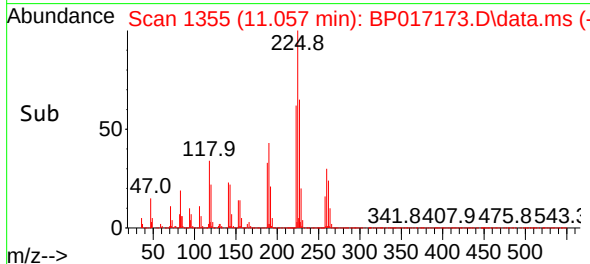
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:225 Resp: 316364  
Ion Ratio Lower Upper  
225 100  
223 61.9 49.0 73.4  
227 65.1 50.2 75.4

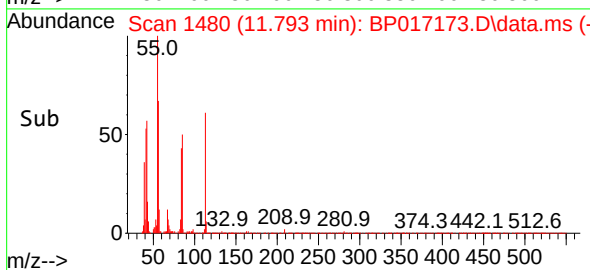
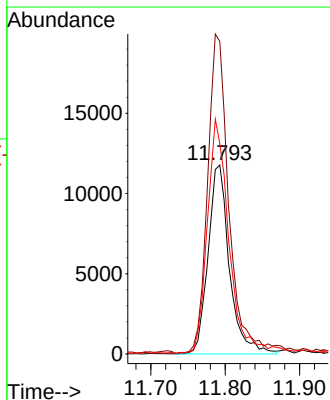
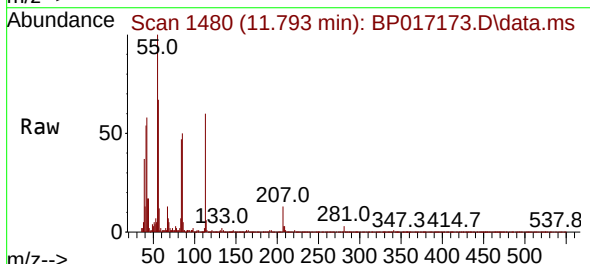
Manual Integrations  
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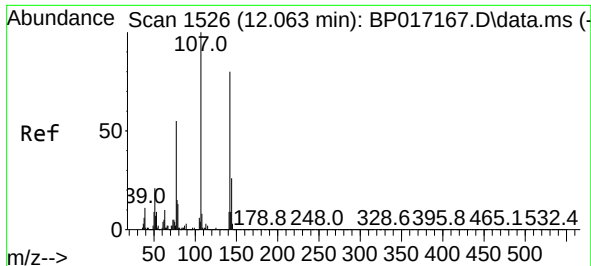
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#34  
Caprolactam  
Concen: 7.199 ng/ul m  
RT: 11.793 min Scan# 1480  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

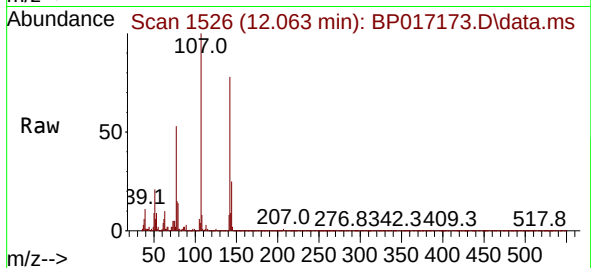
Tgt Ion:113 Resp: 23451  
Ion Ratio Lower Upper  
113 100  
55 165.3 130.7 196.1  
56 111.4 96.8 145.2





#35  
4-Chloro-3-methylphenol  
Concen: 29.568 ng/ul  
RT: 12.063 min Scan# 1526  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

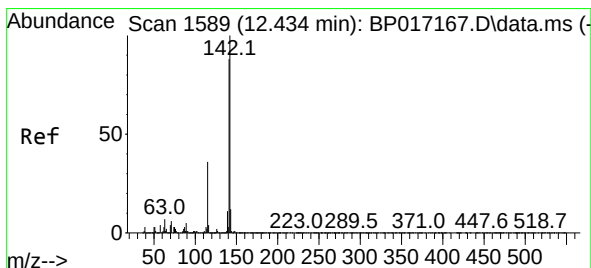
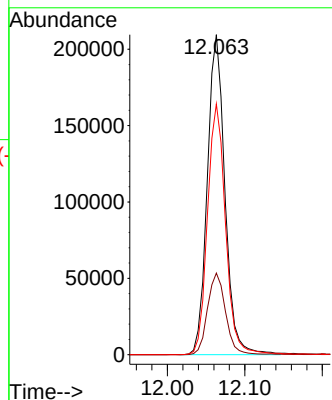
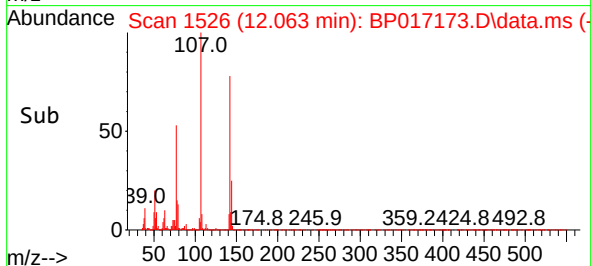
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:107 Resp: 331524  
Ion Ratio Lower Upper  
107 100  
144 25.5 20.6 31.0  
142 78.4 63.4 95.0

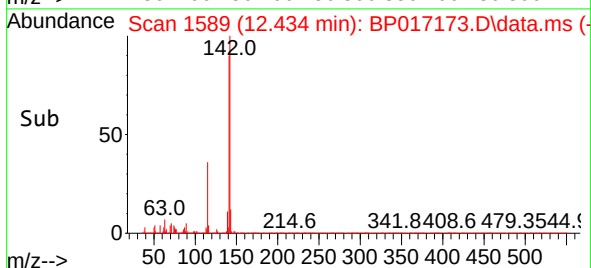
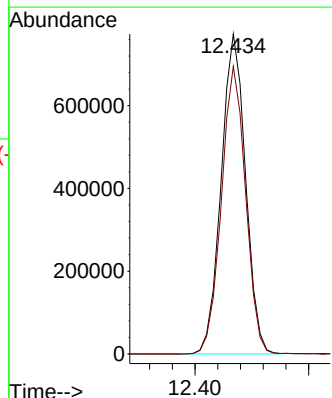
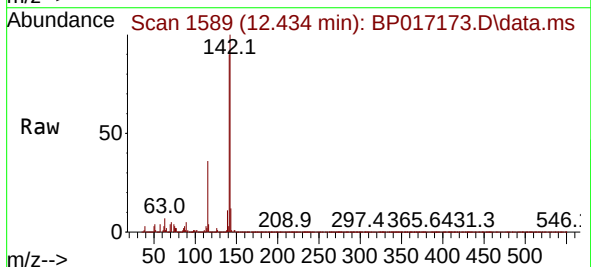
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

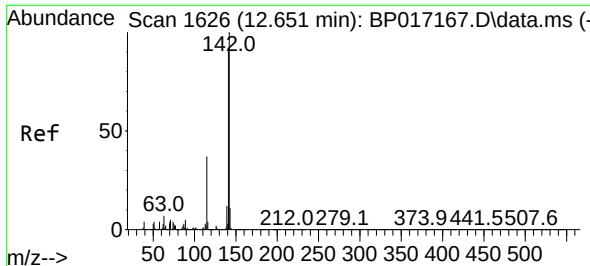


#36  
2-Methylnaphthalene  
Concen: 47.589 ng/ul  
RT: 12.434 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:142 Resp: 1150634  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.1 105.1

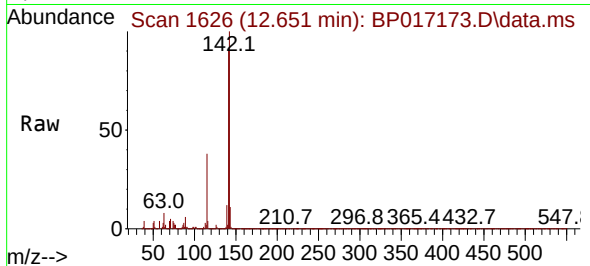






#37  
1-Methylnaphthalene  
Concen: 45.441 ng/ul  
RT: 12.651 min Scan# 1626  
Delta R.T. -0.012 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

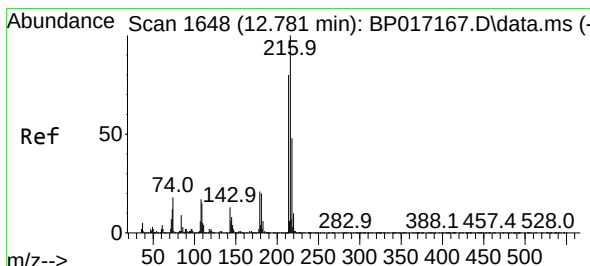
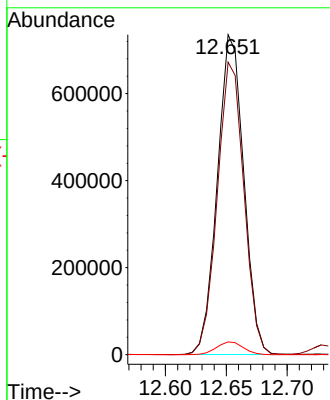
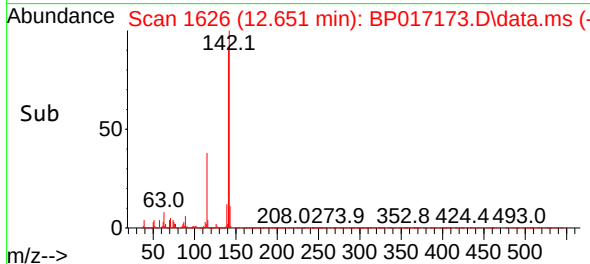
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:142 Resp: 111214  
Ion Ratio Lower Upper  
142 100  
141 91.4 74.1 111.1  
116 4.0 3.1 4.7

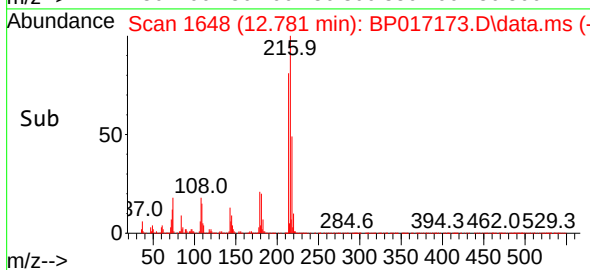
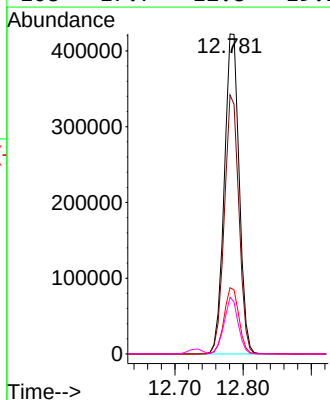
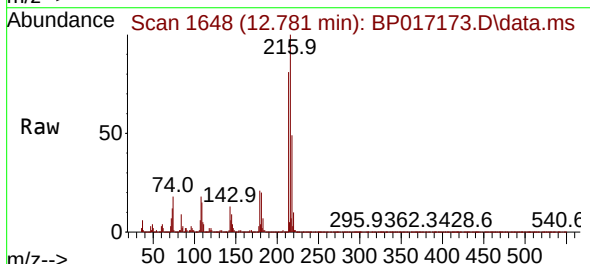
Manual Integrations  
APPROVED

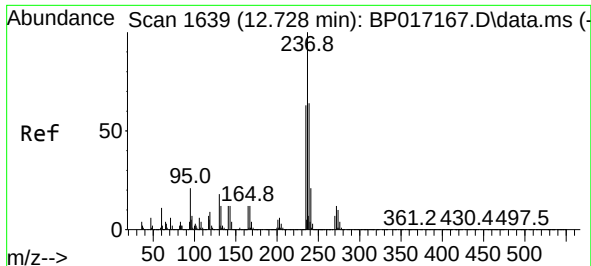
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 55.661 ng/ul  
RT: 12.781 min Scan# 1648  
Delta R.T. -0.012 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

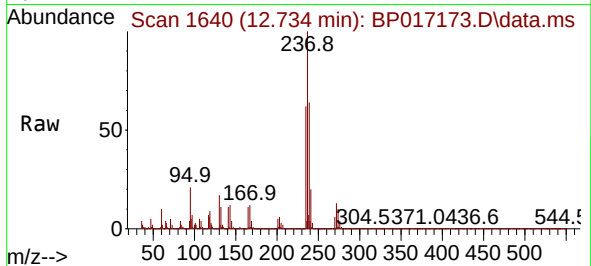
Tgt Ion:216 Resp: 640138  
Ion Ratio Lower Upper  
216 100  
214 81.0 62.1 93.1  
179 20.7 15.6 23.4  
108 17.7 12.8 19.2





#40  
Hexachlorocyclopentadiene  
Concen: 37.045 ng/ul  
RT: 12.734 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

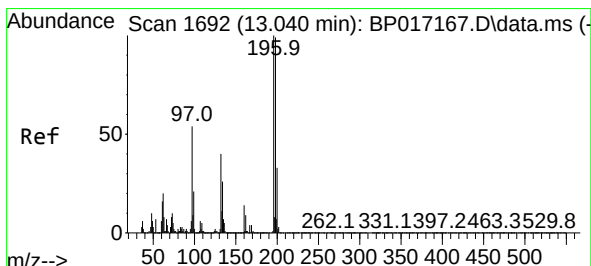
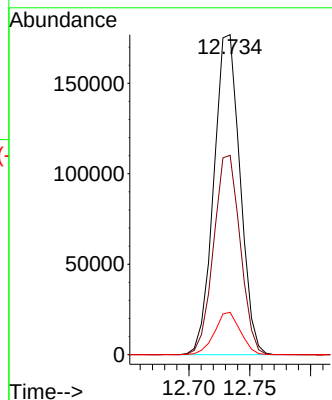
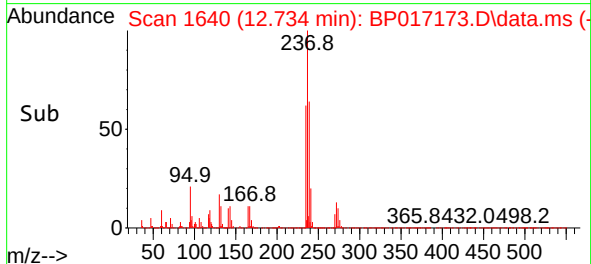
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:237 Resp: 265444  
Ion Ratio Lower Upper  
237 100  
235 62.3 50.4 75.6  
272 13.8 10.2 15.4

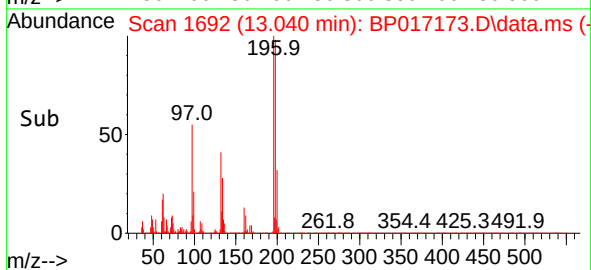
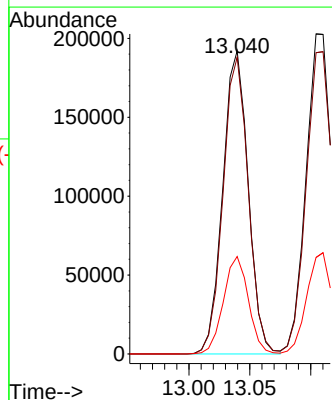
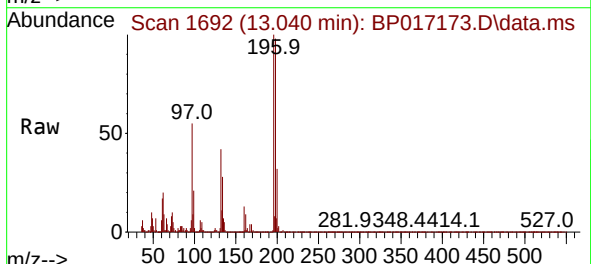
Manual Integrations  
APPROVED

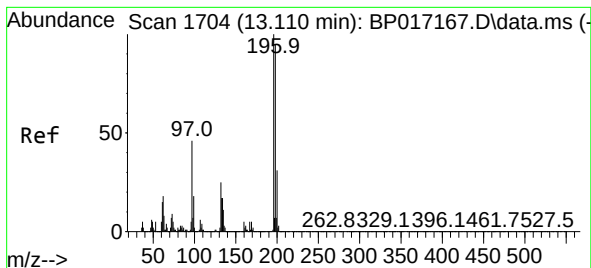
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#41  
2,4,6-Trichlorophenol  
Concen: 38.301 ng/ul  
RT: 13.040 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:196 Resp: 279826  
Ion Ratio Lower Upper  
196 100  
198 97.9 76.0 114.0  
200 32.2 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 39.487 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:196 Resp: 30670

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

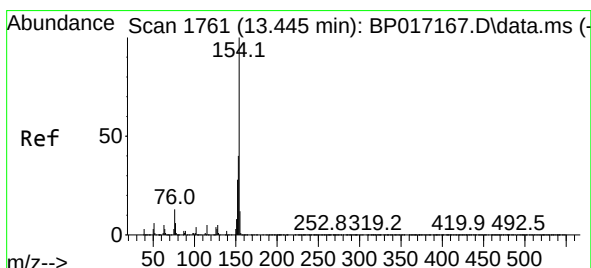
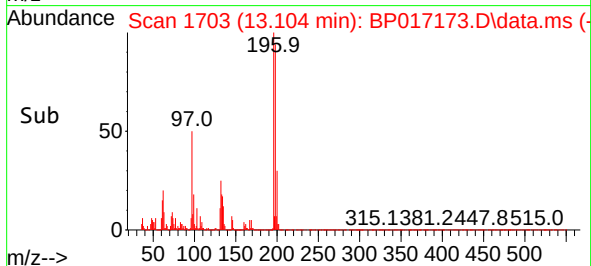
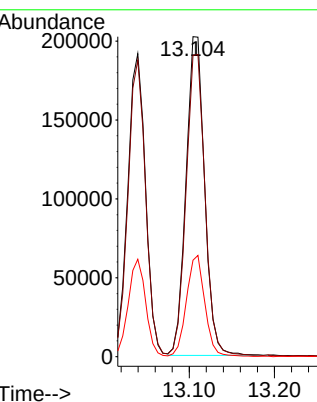
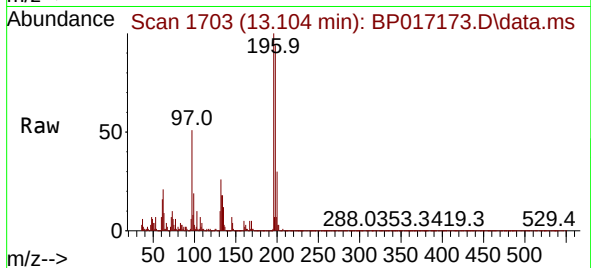
200 30.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#43

1,1'-Biphenyl

Concen: 56.393 ng/ul

RT: 13.445 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

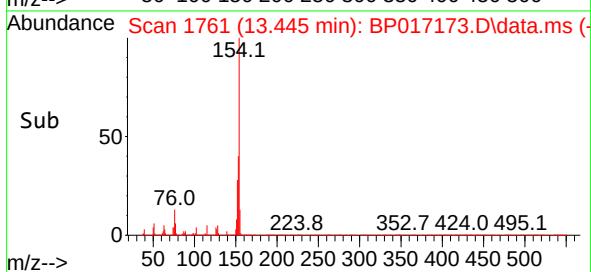
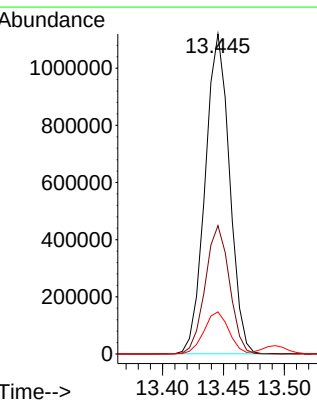
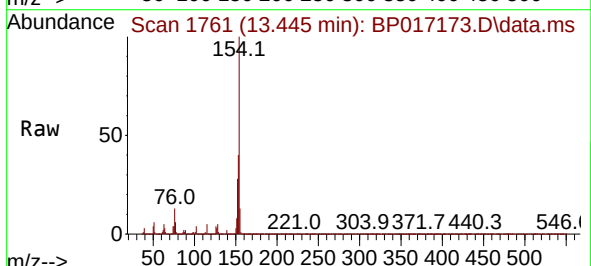
Tgt Ion:154 Resp: 1561436

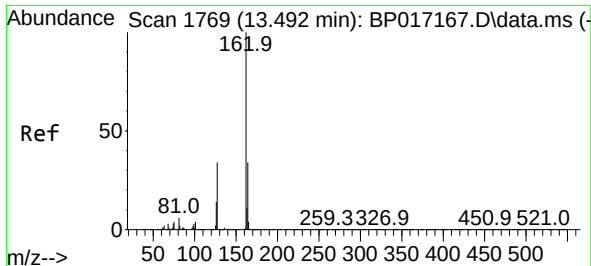
Ion Ratio Lower Upper

154 100

153 40.1 31.8 47.8

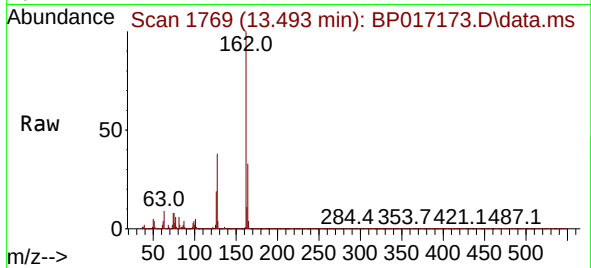
76 13.2 10.8 16.2





#44  
2-Chloronaphthalene  
Concen: 55.831 ng/ul  
RT: 13.493 min Scan# 1769  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

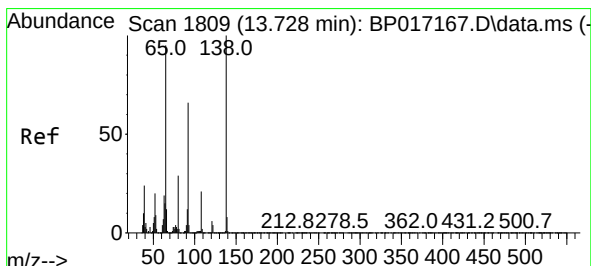
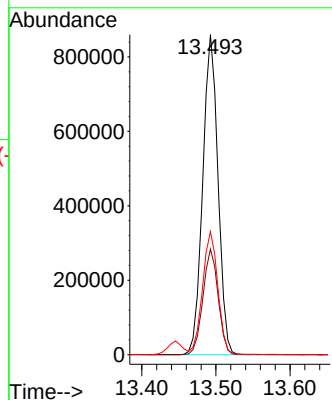
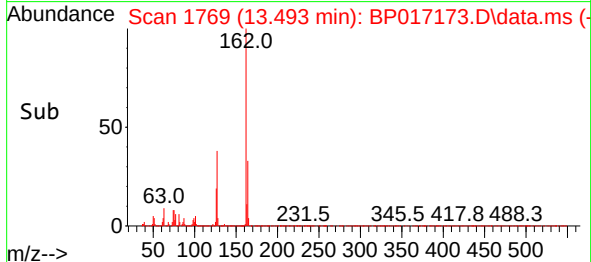
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



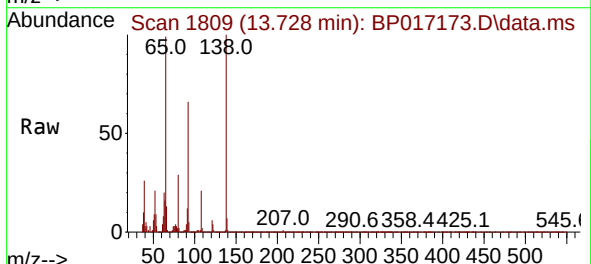
Tgt Ion:162 Resp: 122763  
Ion Ratio Lower Upper  
162 100  
164 33.0 26.6 39.8  
127 38.4 31.0 46.4

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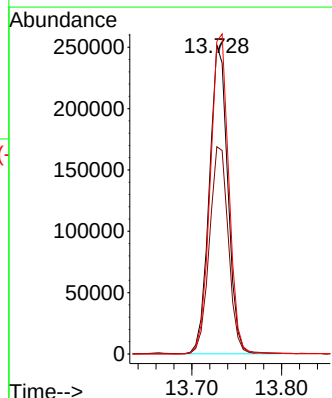
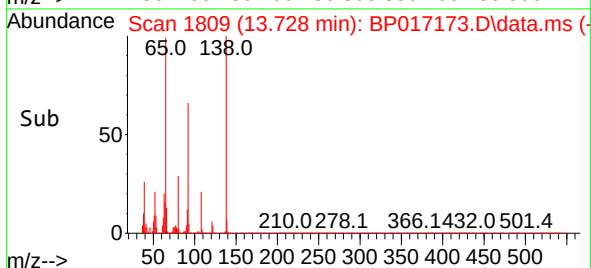
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

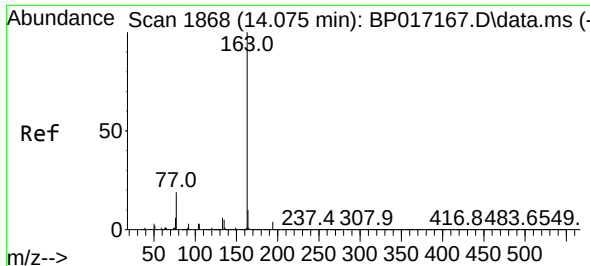


#45  
2-Nitroaniline  
Concen: 60.422 ng/ul  
RT: 13.728 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



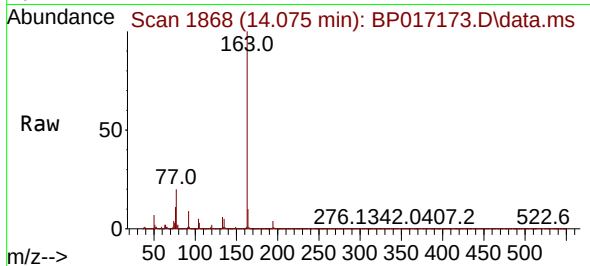
Tgt Ion: 65 Resp: 359872  
Ion Ratio Lower Upper  
65 100  
92 67.1 55.6 83.4  
138 101.2 82.2 123.2





#47  
Dimethylphthalate  
Concen: 56.502 ng/ul  
RT: 14.075 min Scan# 1868  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

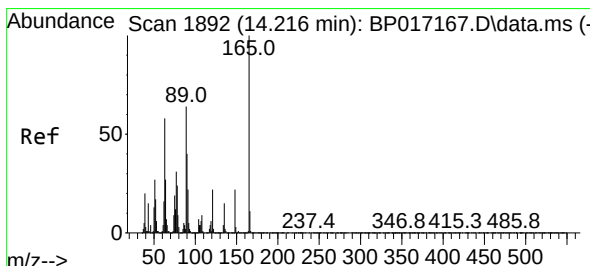
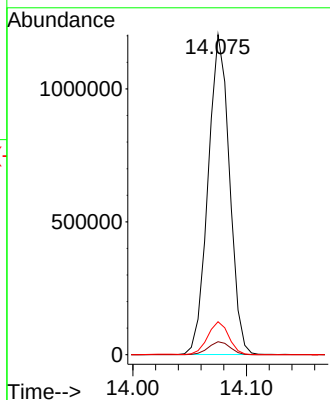
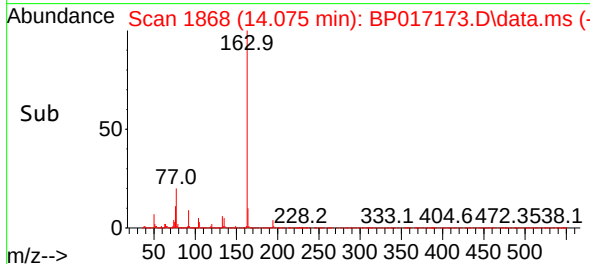
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



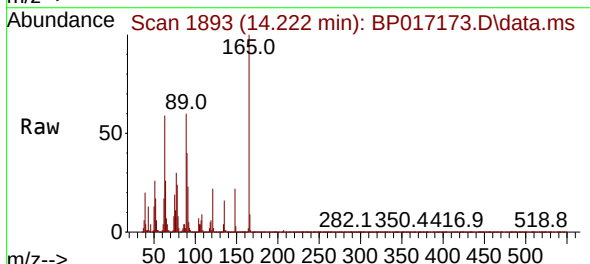
Tgt Ion:163 Resp: 1576092  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.3 7.9 11.9

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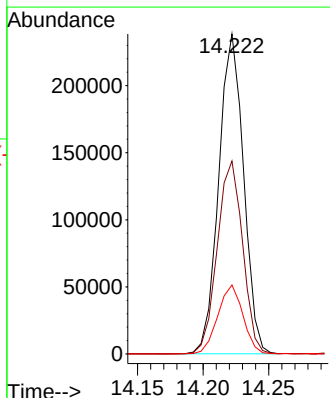
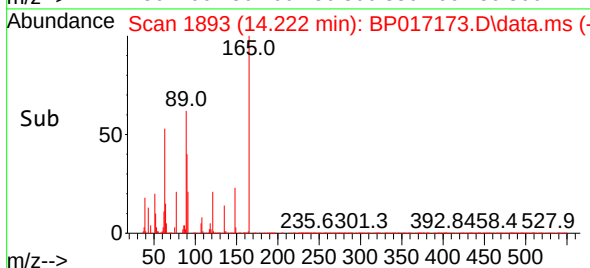
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

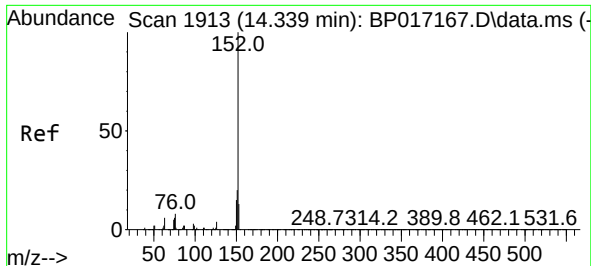


#48  
2,6-Dinitrotoluene  
Concen: 61.540 ng/ul  
RT: 14.222 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



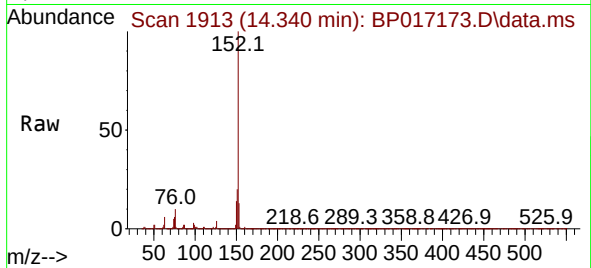
Tgt Ion:165 Resp: 313835  
Ion Ratio Lower Upper  
165 100  
89 60.3 47.8 71.8  
121 21.5 17.4 26.2





#50  
Acenaphthylene  
Concen: 53.145 ng/ul  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

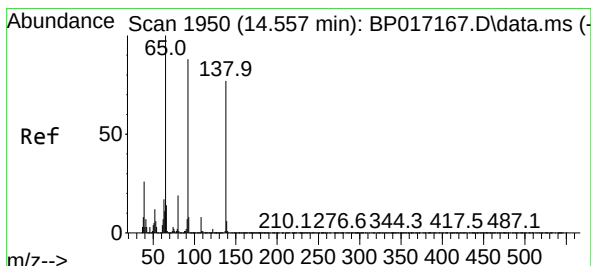
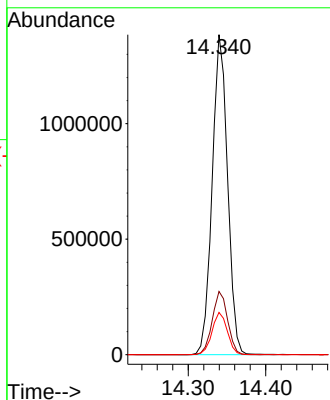
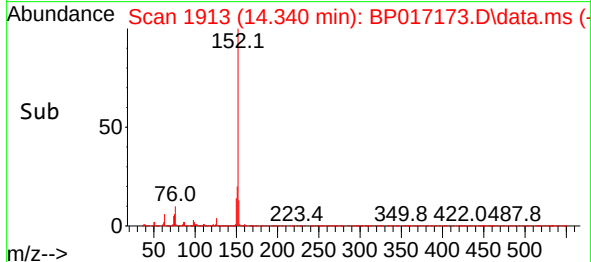
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:152 Resp: 191426  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 13.2 10.6 15.8

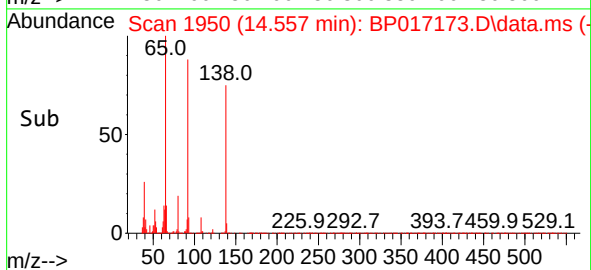
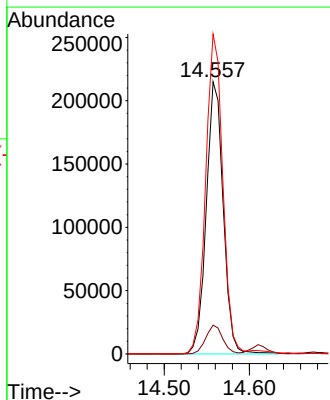
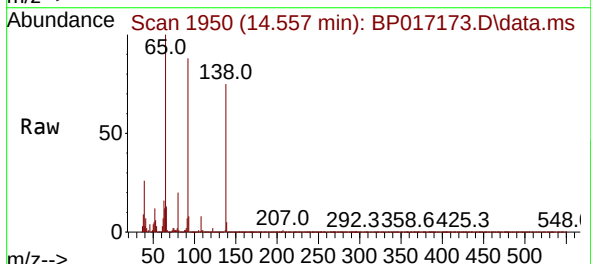
Manual Integrations  
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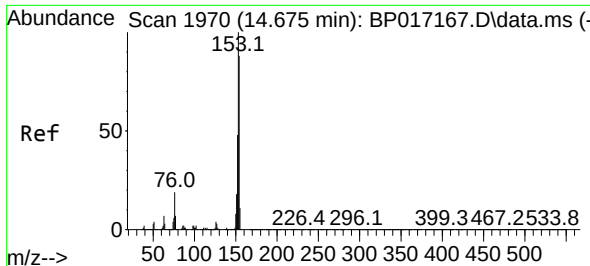
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#51  
3-Nitroaniline  
Concen: 54.541 ng/ul  
RT: 14.557 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

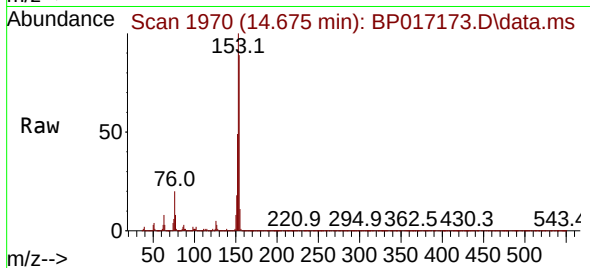
Tgt Ion:138 Resp: 297551  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.5 12.7  
92 117.6 94.2 141.4





#52  
Acenaphthene  
Concen: 55.256 ng/ul  
RT: 14.675 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

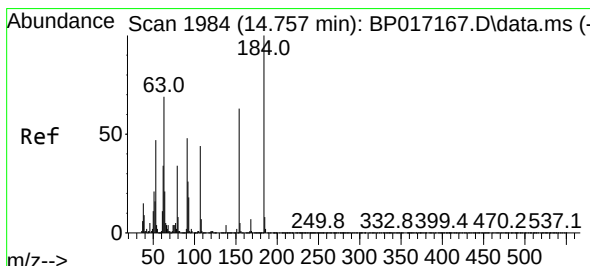
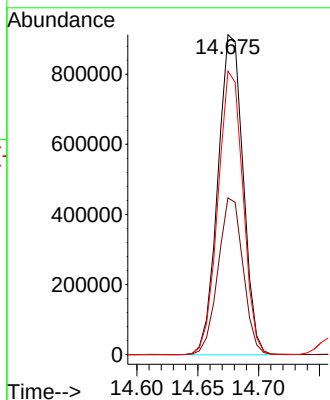
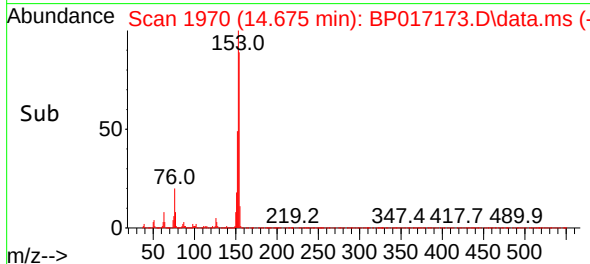
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



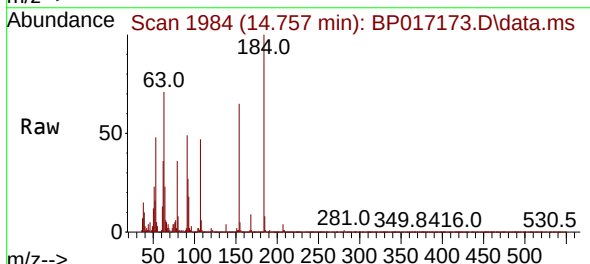
Tgt Ion:153 Resp: 1317030  
Ion Ratio Lower Upper  
153 100  
152 49.0 38.6 57.8  
154 88.6 70.4 105.6

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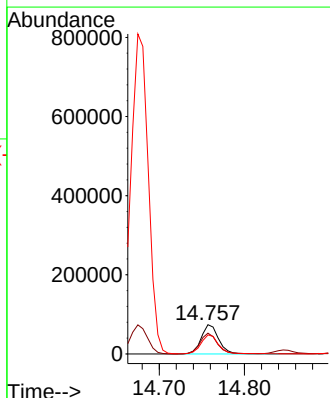
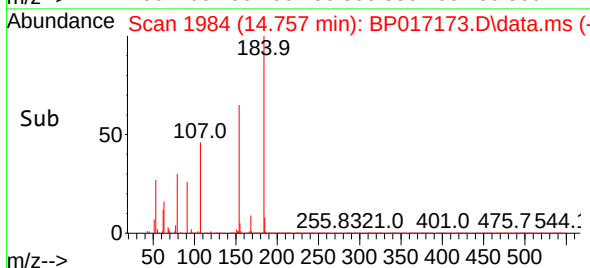
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

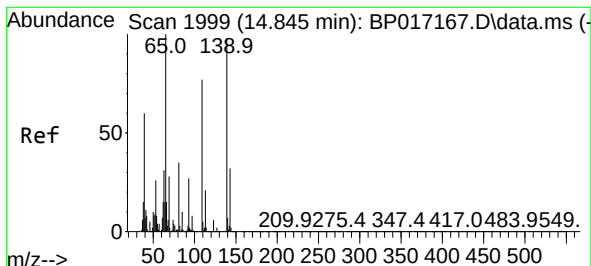


#53  
2,4-Dinitrophenol  
Concen: 29.548 ng/ul  
RT: 14.757 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion:184 Resp: 105543  
Ion Ratio Lower Upper  
184 100  
63 71.4 55.2 82.8  
154 64.9 53.0 79.4





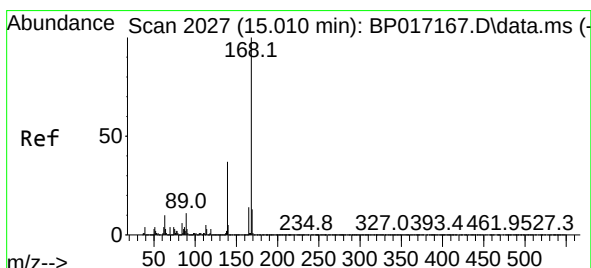
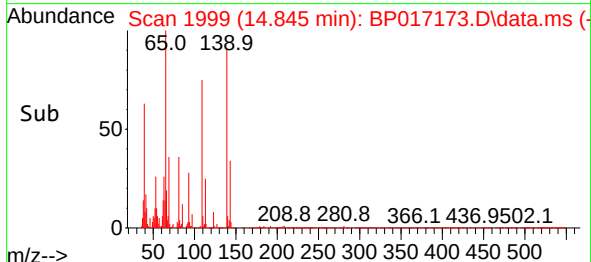
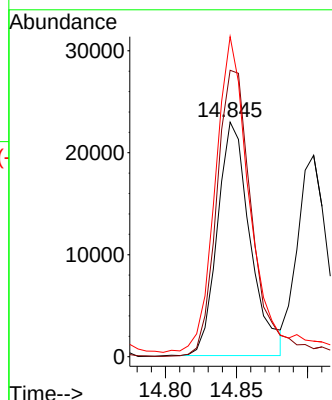
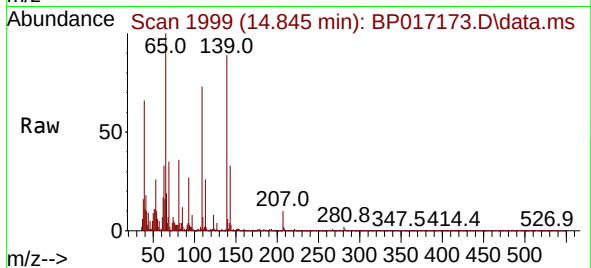
#55  
4-Nitrophenol  
Concen: 8.619 ng/ul  
RT: 14.845 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion:109 Resp: 3663  
Ion Ratio Lower Upper  
109 100  
139 122.1 101.1 151.7  
65 136.4 105.0 157.4

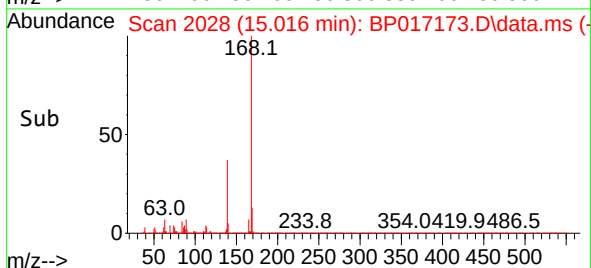
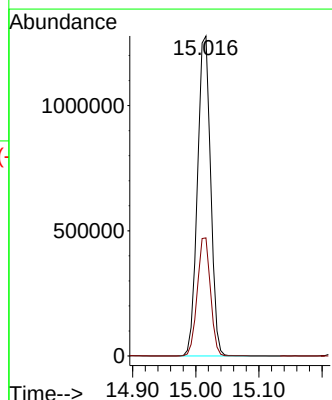
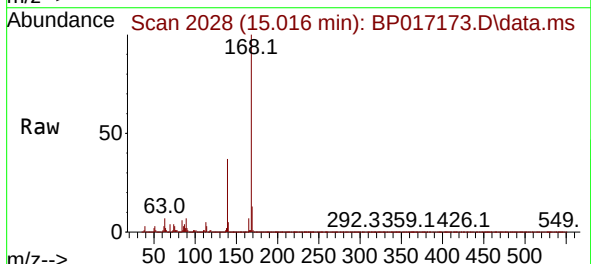
Manual Integrations  
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Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

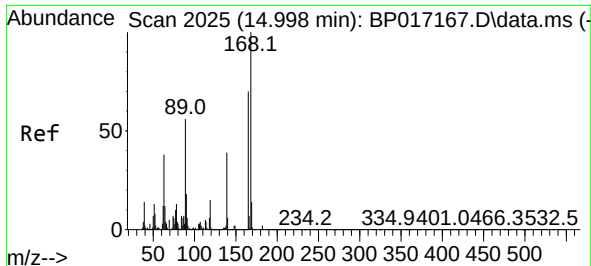


#56  
Dibenzofuran  
Concen: 55.989 ng/ul  
RT: 15.016 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:168 Resp: 1844205  
Ion Ratio Lower Upper  
168 100  
139 36.9 29.9 44.9







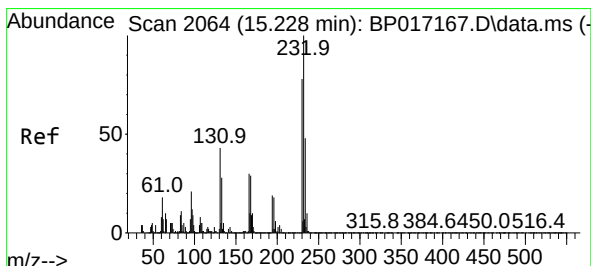
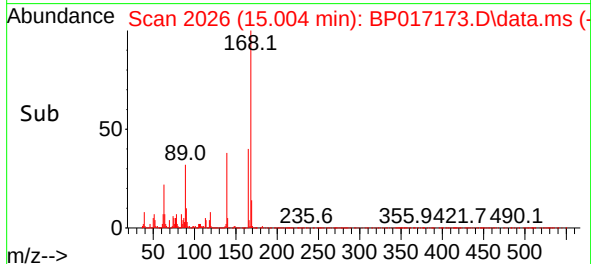
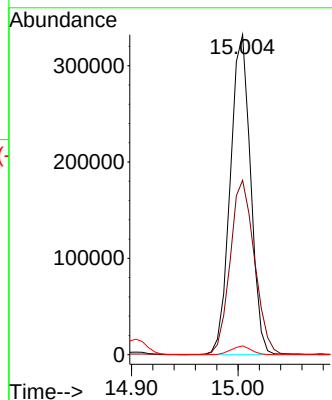
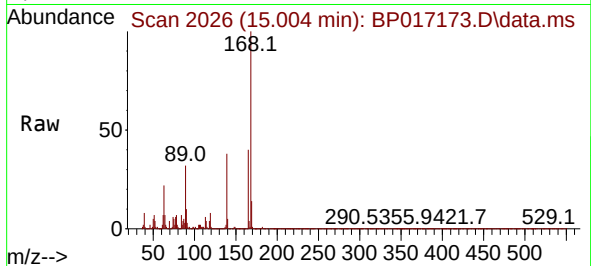
#57  
2,4-Dinitrotoluene  
Concen: 57.958 ng/ul  
RT: 15.004 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion:165 Resp: 44011  
Ion Ratio Lower Upper  
165 100  
63 54.5 42.3 63.5  
182 2.7 2.2 3.4

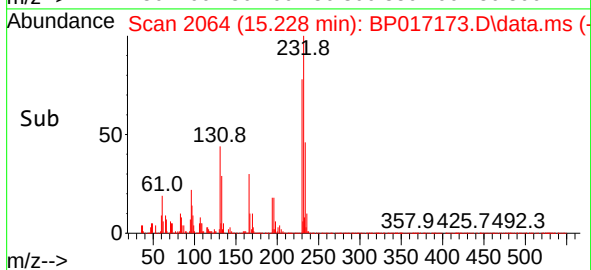
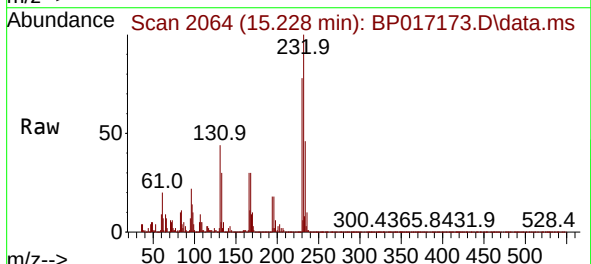
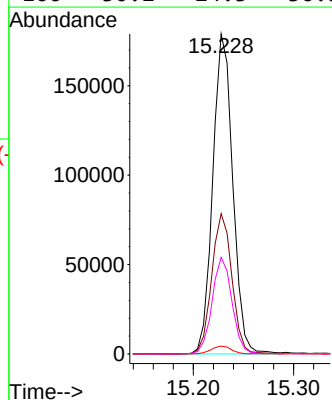
Manual Integrations  
APPROVED

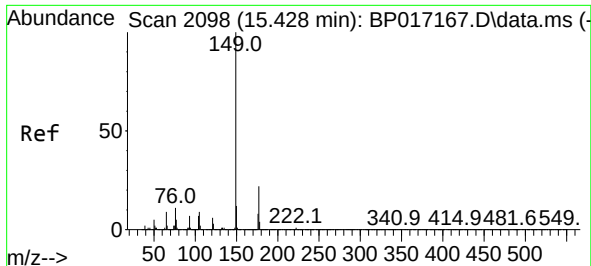
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 36.327 ng/ul  
RT: 15.228 min Scan# 2064  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

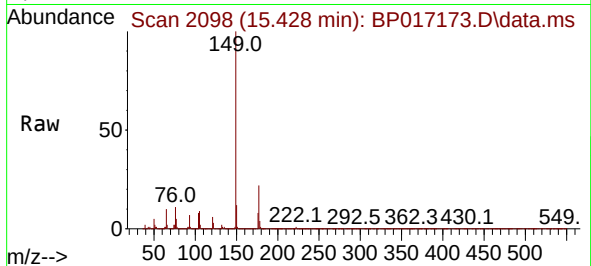
Tgt Ion:232 Resp: 247533  
Ion Ratio Lower Upper  
232 100  
131 43.8 37.0 55.6  
130 2.5 1.8 2.8  
166 30.2 24.3 36.5





#59  
Diethylphthalate  
Concen: 55.942 ng/ul  
RT: 15.428 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

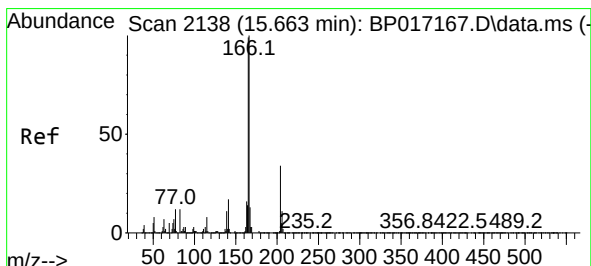
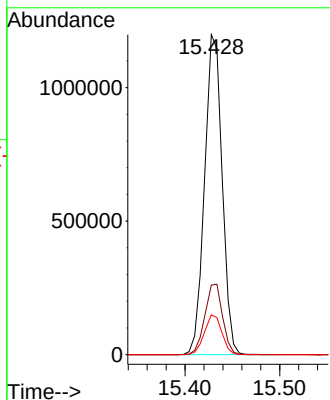
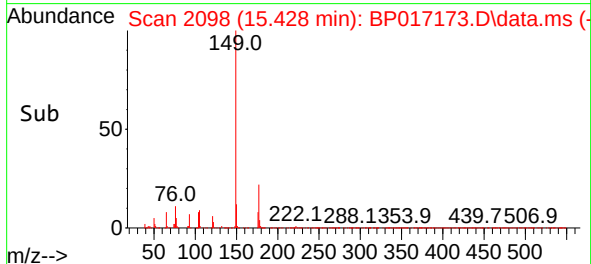
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



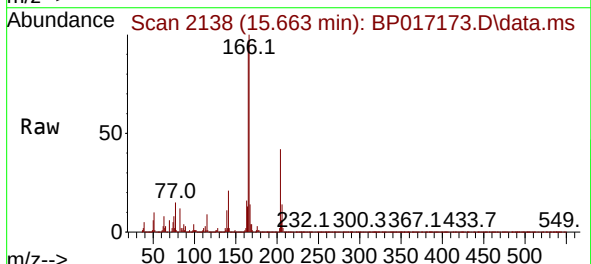
Tgt Ion:149 Resp: 1540663  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.5 26.3  
150 12.5 10.0 15.0

Manual Integrations  
APPROVED

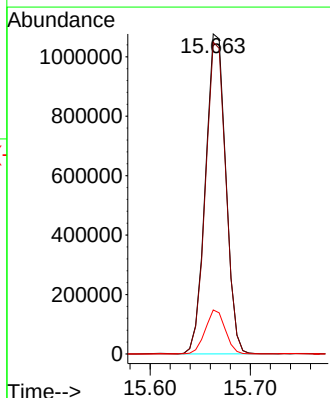
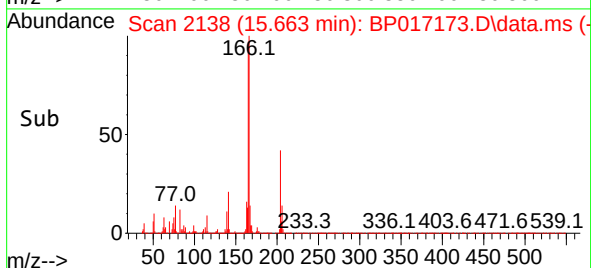
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

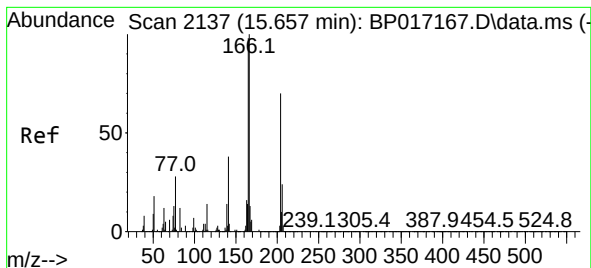


#61  
Fluorene  
Concen: 55.727 ng/ul  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



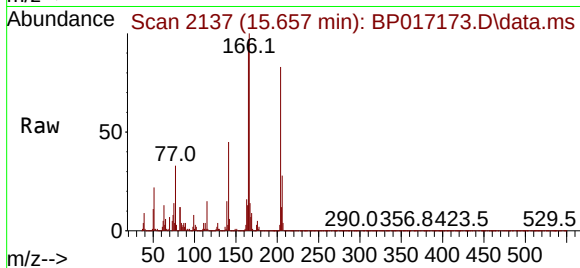
Tgt Ion:166 Resp: 1517593  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.2 117.2  
167 13.7 11.0 16.4





#62  
4-Chlorophenyl-phenylether  
Concen: 56.253 ng/ul  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

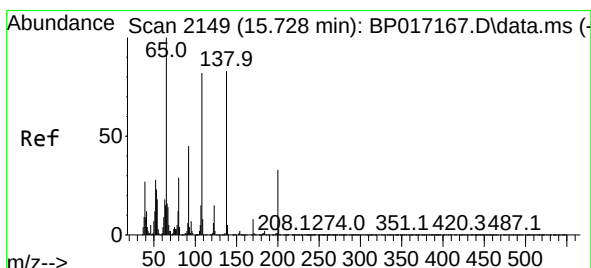
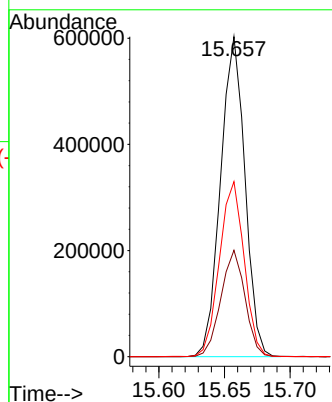
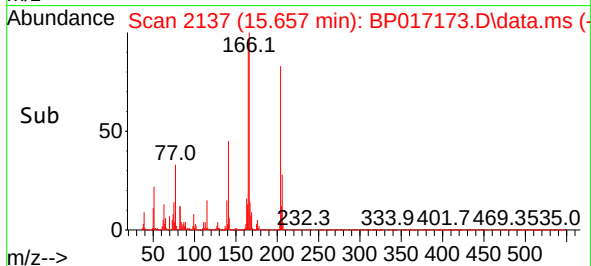
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



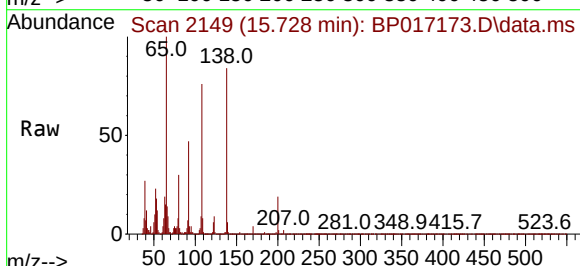
Tgt Ion:204 Resp: 77885  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.3 40.9  
141 54.7 45.0 67.6

Manual Integrations  
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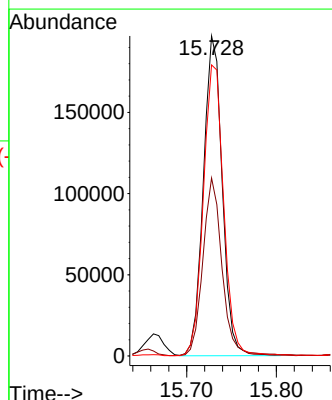
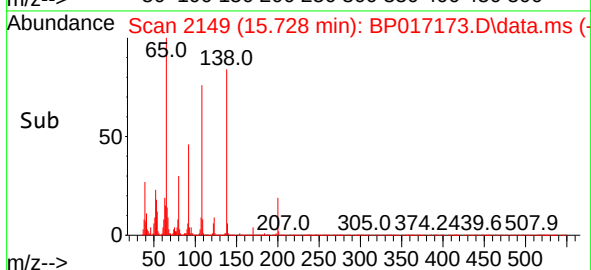
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

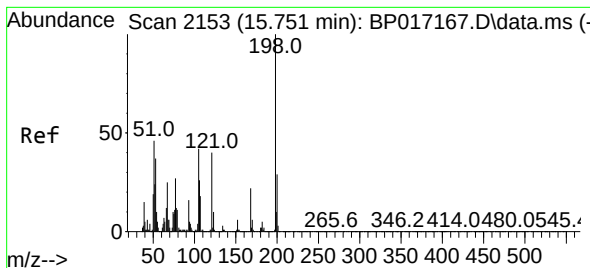


#63  
4-Nitroaniline  
Concen: 56.790 ng/ul  
RT: 15.728 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion:138 Resp: 288029  
Ion Ratio Lower Upper  
138 100  
92 55.6 43.3 64.9  
108 91.0 75.3 112.9





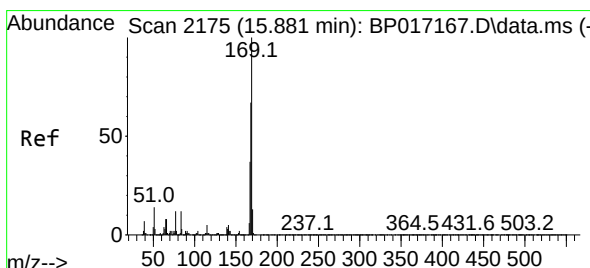
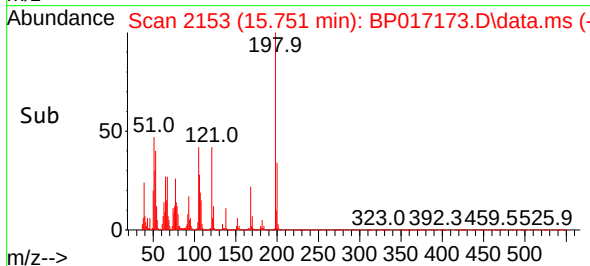
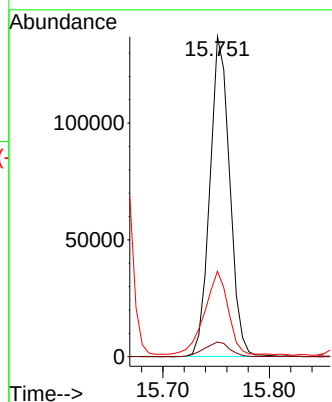
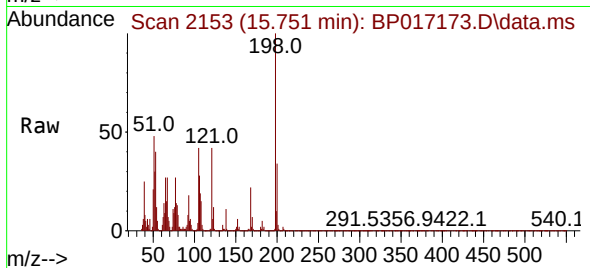
#66  
4,6-Dinitro-2-methylphenol  
Concen: 39.092 ng/ul  
RT: 15.751 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion:198 Resp: 177080  
Ion Ratio Lower Upper  
198 100  
182 4.6 4.2 6.2  
77 26.7 22.5 33.7

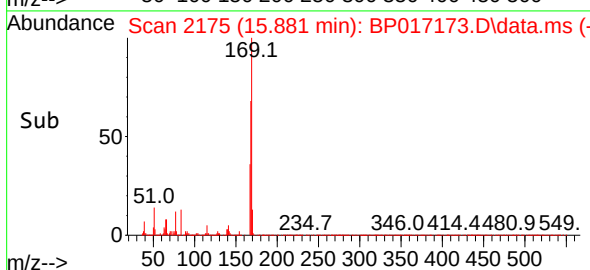
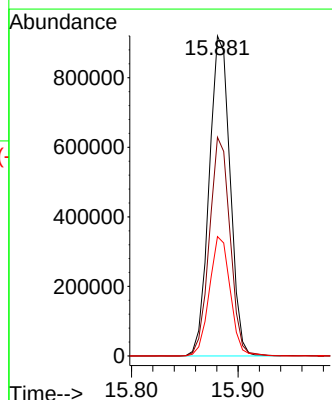
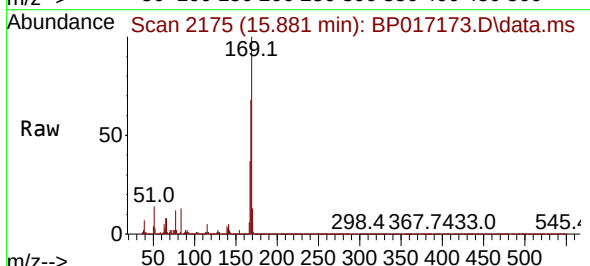
Manual Integrations  
APPROVED

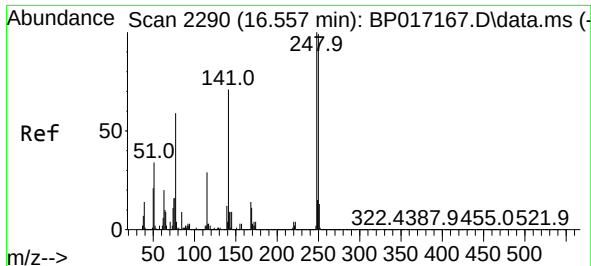
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#67  
N-Nitrosodiphenylamine  
Concen: 63.644 ng/ul  
RT: 15.881 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

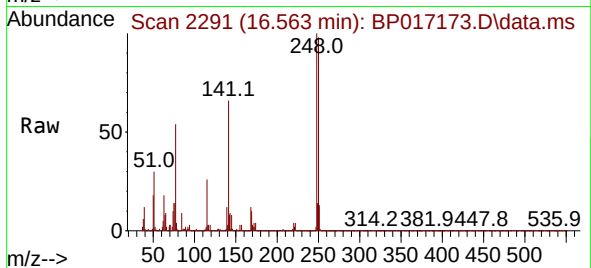
Tgt Ion:169 Resp: 1250203  
Ion Ratio Lower Upper  
169 100  
168 68.4 52.7 79.1  
167 37.3 29.0 43.4





#68  
4-Bromophenyl-phenylether  
Concen: 65.601 ng/ul  
RT: 16.563 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

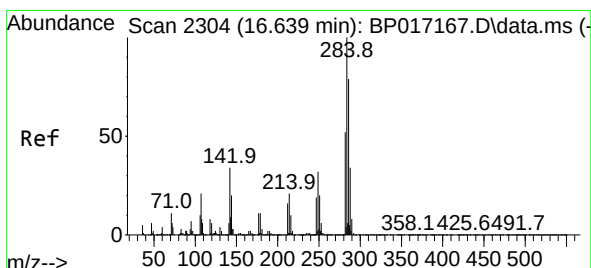
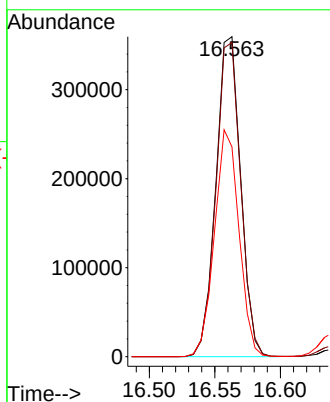
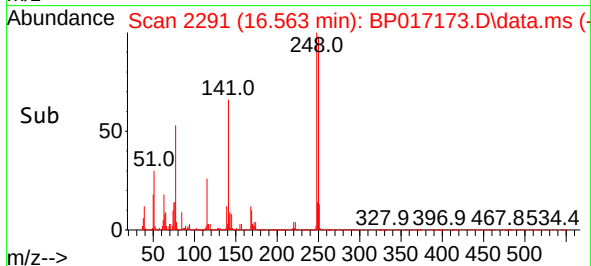
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:248 Resp: 47241  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.6 118.0  
141 65.6 60.4 90.6

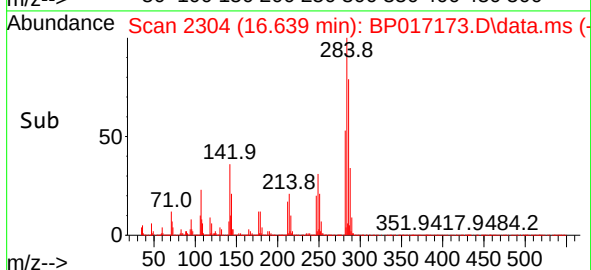
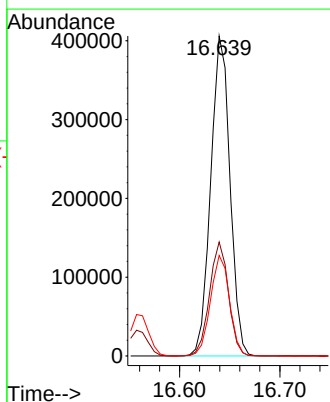
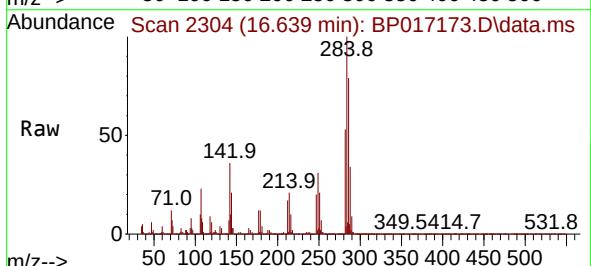
Manual Integrations  
APPROVED

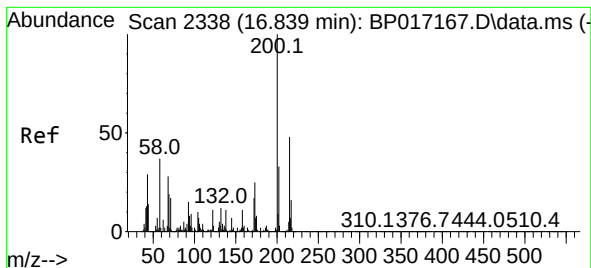
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#69  
Hexachlorobenzene  
Concen: 63.428 ng/ul  
RT: 16.639 min Scan# 2304  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:284 Resp: 540648  
Ion Ratio Lower Upper  
284 100  
142 35.6 28.6 42.8  
249 31.4 25.0 37.6





#70

Atrazine

Concen: 27.729 ng/ul

RT: 16.839 min Scan# 2338

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

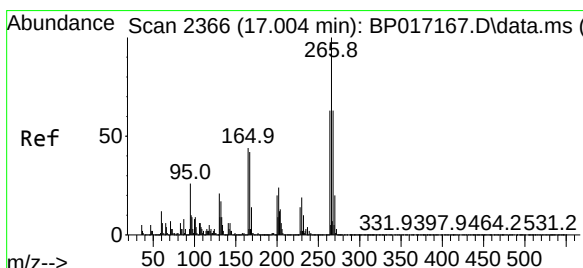
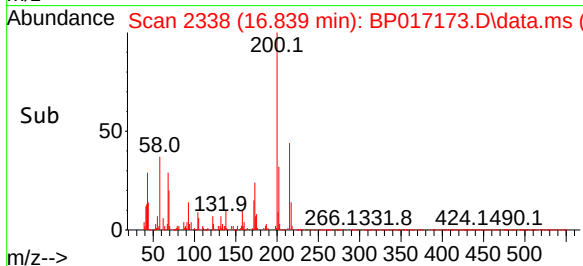
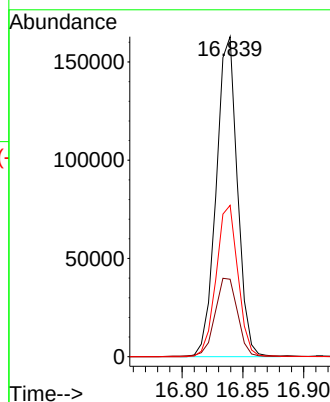
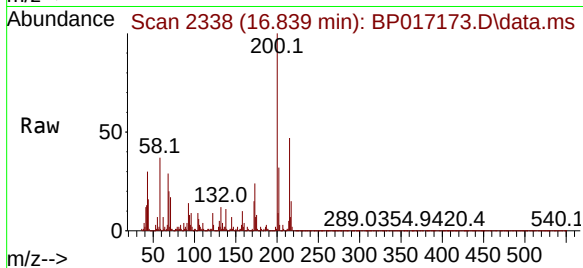
|             |              |
|-------------|--------------|
| Tgt Ion:200 | Resp: 197170 |
| Ion Ratio   | Lower Upper  |
| 200 100     |              |
| 173 24.2    | 20.7 31.1    |
| 215 47.3    | 38.8 58.2    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#71

Pentachlorophenol

Concen: 32.551 ng/ul

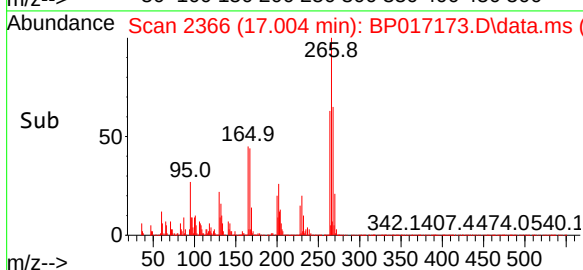
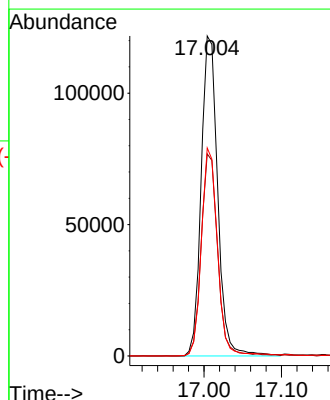
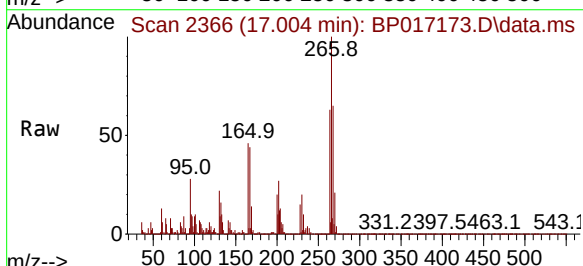
RT: 17.004 min Scan# 2366

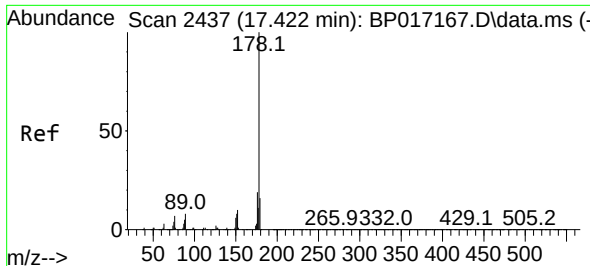
Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

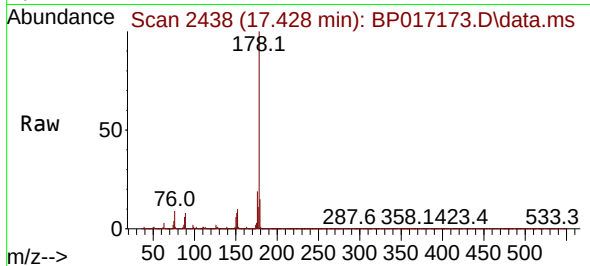
|             |              |
|-------------|--------------|
| Tgt Ion:266 | Resp: 180320 |
| Ion Ratio   | Lower Upper  |
| 266 100     |              |
| 264 63.2    | 50.7 76.1    |
| 268 65.0    | 51.1 76.7    |





#72  
Phenanthrene  
Concen: 61.000 ng/u1  
RT: 17.428 min Scan# 2437  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

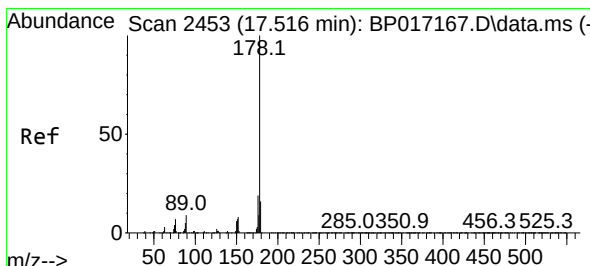
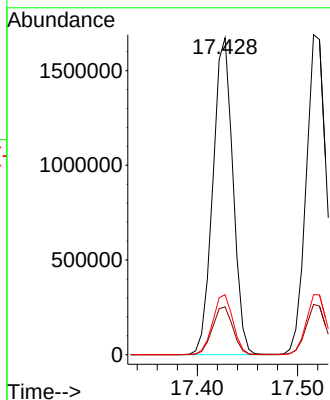
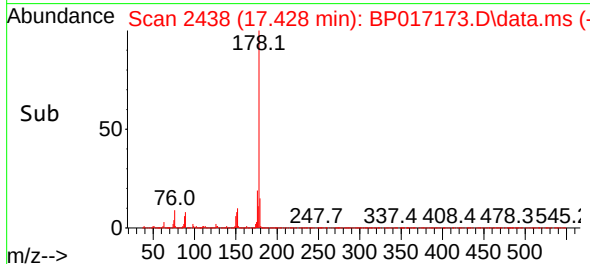
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:178 Resp: 2315928  
Ion Ratio Lower Upper  
178 100  
179 15.1 12.2 18.2  
176 19.0 15.6 23.4

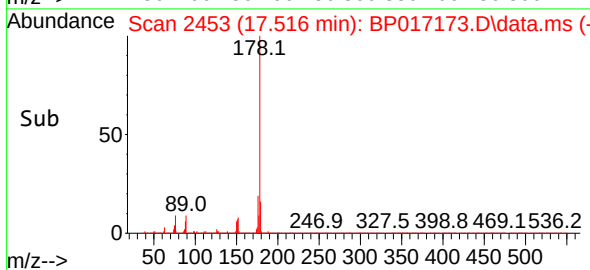
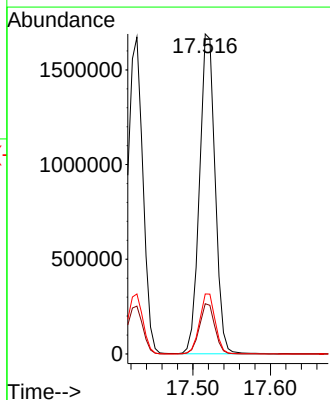
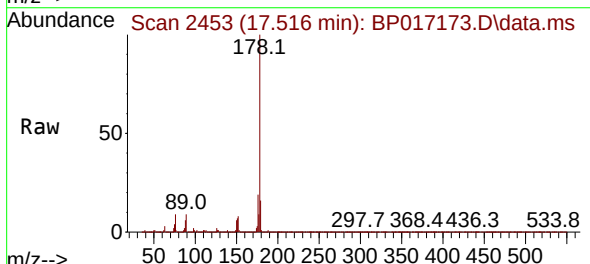
Manual Integrations  
APPROVED

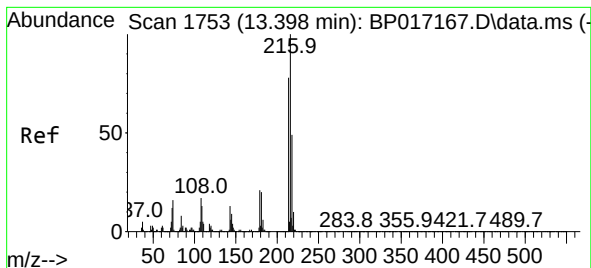
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#74  
Anthracene  
Concen: 61.267 ng/u1  
RT: 17.516 min Scan# 2453  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:178 Resp: 2355890  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.4 18.6  
176 18.8 14.9 22.3





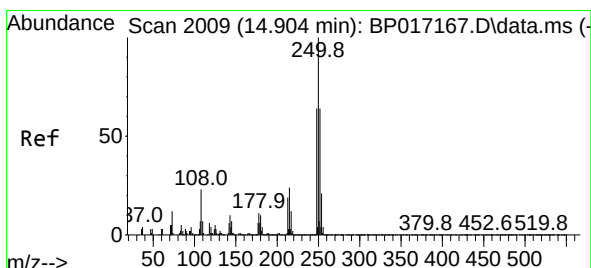
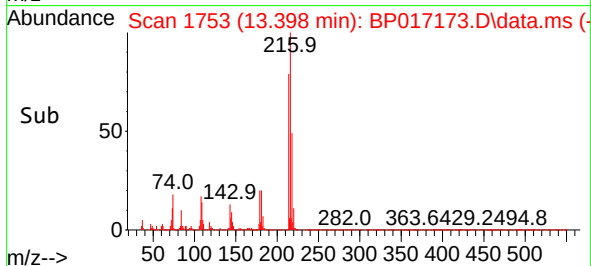
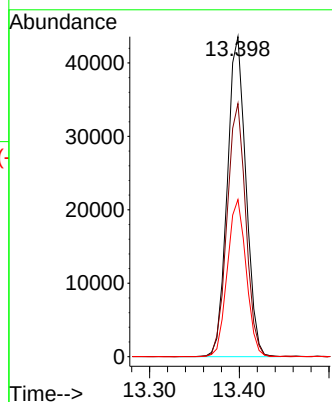
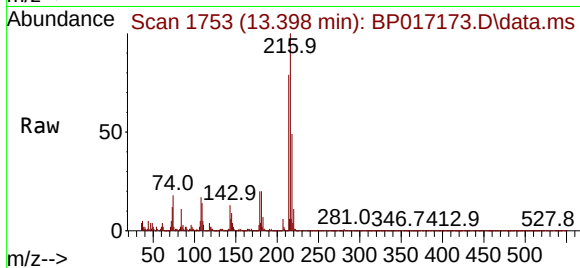
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 6.023 ng/uL  
RT: 13.398 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD

Tgt Ion:216 Resp: 62914  
Ion Ratio Lower Upper  
216 100  
214 79.1 61.3 91.9  
218 49.1 38.3 57.5

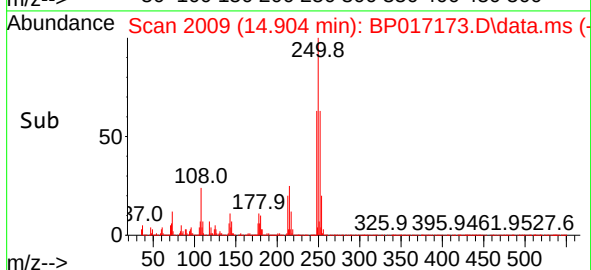
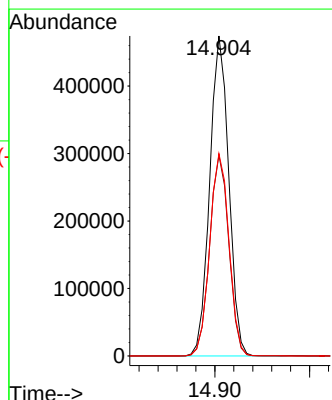
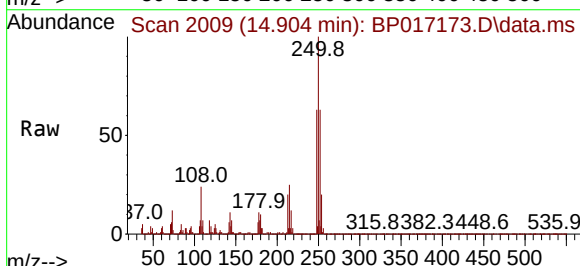
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

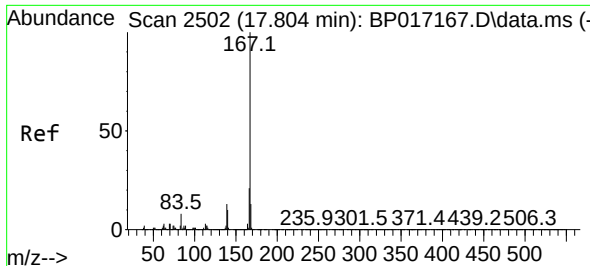


#76  
Pentachlorobenzene  
Concen: 69.633 ng/uL  
RT: 14.904 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

Tgt Ion:250 Resp: 660001  
Ion Ratio Lower Upper  
250 100  
248 62.7 51.1 76.7  
252 63.3 50.7 76.1

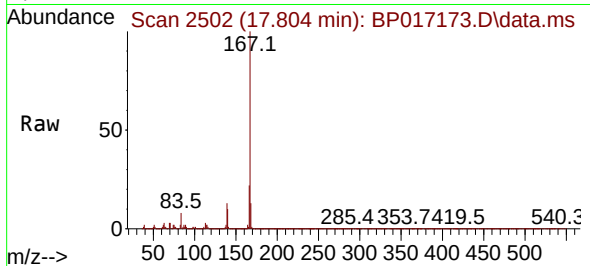






#77  
 Carbazole  
 Concen: 61.114 ng/ul  
 RT: 17.804 min Scan# 2502  
 Delta R.T. -0.006 min  
 Lab File: BP017173.D  
 Acq: 14 Sep 2023 12:51

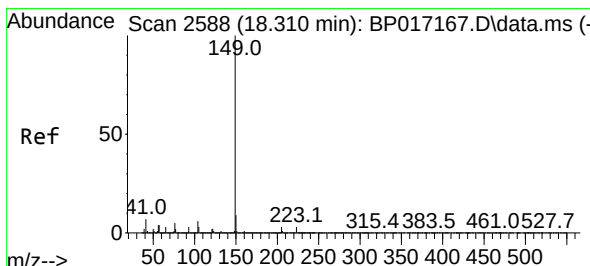
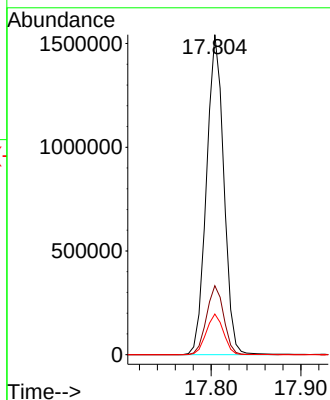
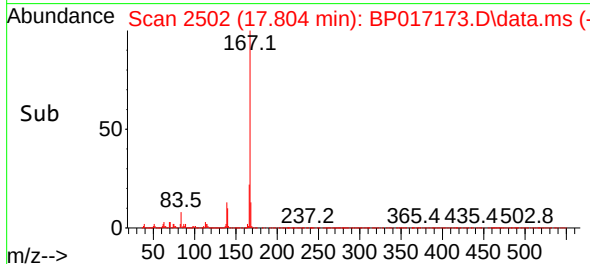
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBJA8MSD



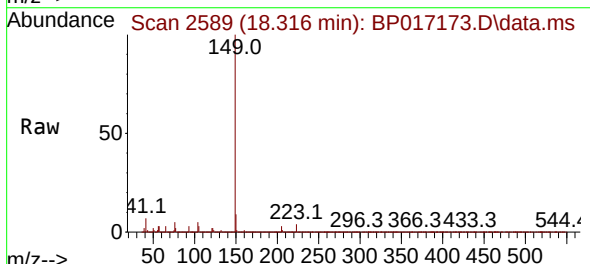
Tgt Ion:167 Resp: 206350  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 12.7 10.4 15.6

Manual Integrations  
 APPROVED

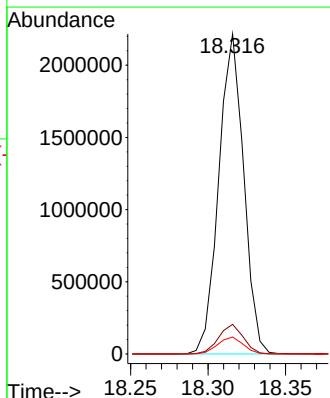
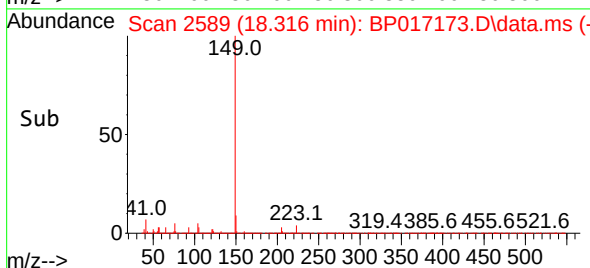
Reviewed By :Yogesh Patel 09/15/2023  
 Supervised By :mohammad ahmed 09/15/2023

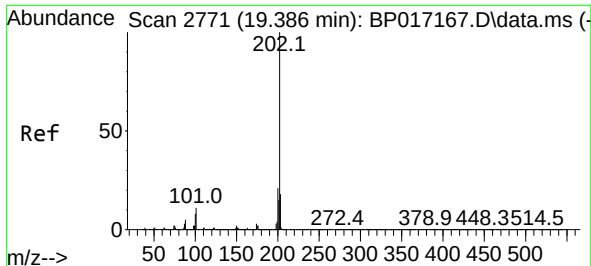


#78  
 Di-n-butylphthalate  
 Concen: 64.264 ng/ul  
 RT: 18.316 min Scan# 2589  
 Delta R.T. -0.006 min  
 Lab File: BP017173.D  
 Acq: 14 Sep 2023 12:51



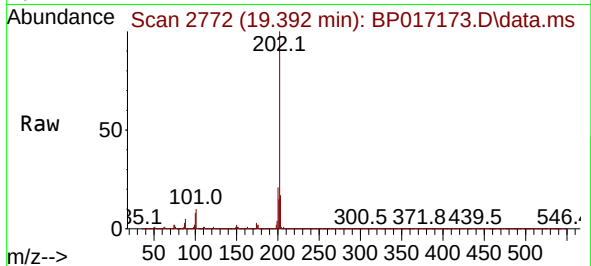
Tgt Ion:149 Resp: 2472580  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 5.3 4.2 6.4





#80  
Fluoranthene  
Concen: 61.197 ng/u1  
RT: 19.392 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

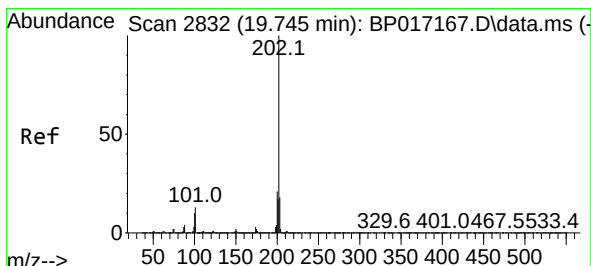
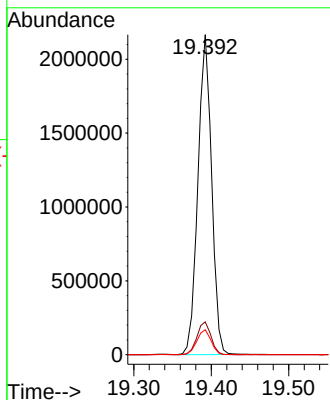
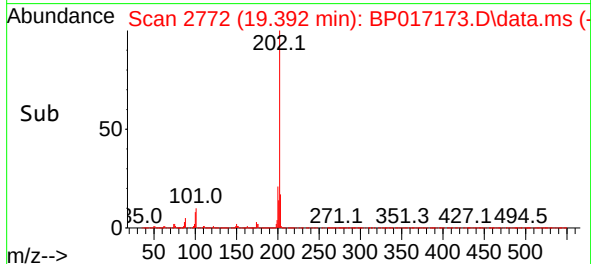
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



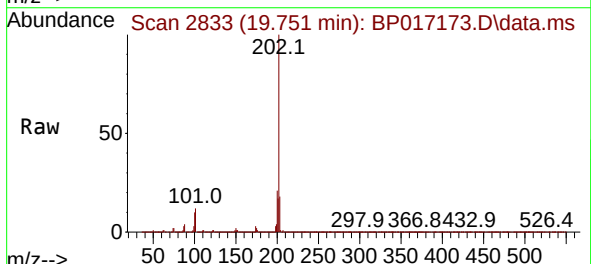
Tgt Ion:202 Resp: 265594  
Ion Ratio Lower Upper  
202 100  
101 10.2 8.3 12.5  
100 7.8 6.4 9.6

Manual Integrations  
APPROVED

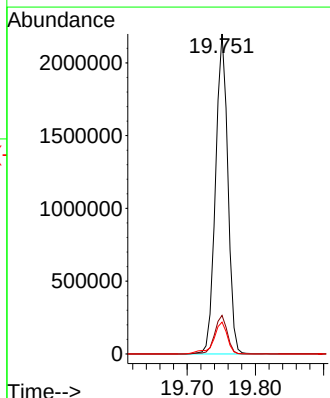
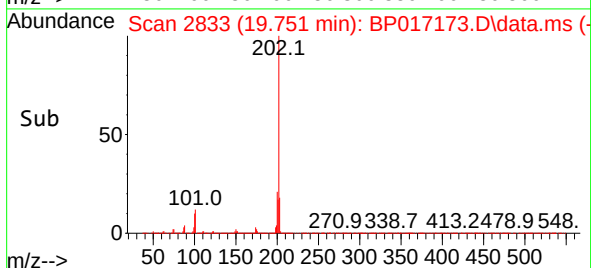
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

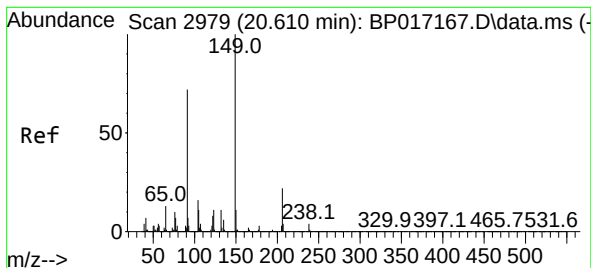


#82  
Pyrene  
Concen: 60.197 ng/u1  
RT: 19.751 min Scan# 2833  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion:202 Resp: 2760467  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.7 14.5  
100 9.9 7.8 11.8





#83

Butylbenzylphthalate

Concen: 66.276 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:149 Resp: 1083954

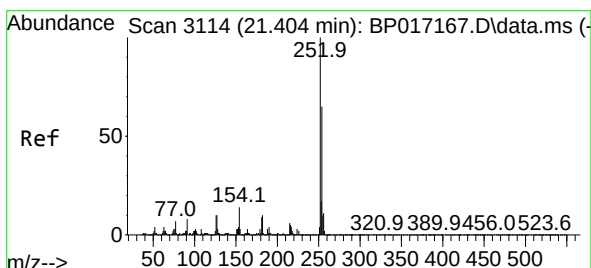
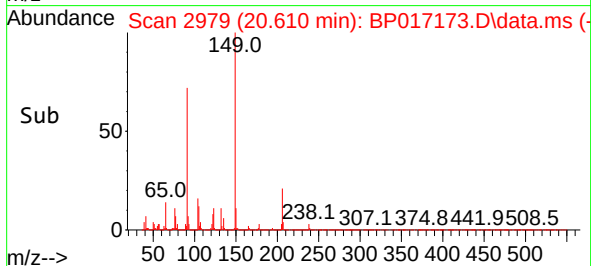
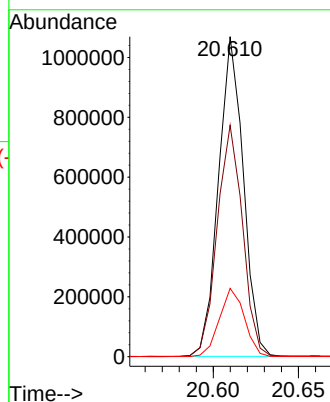
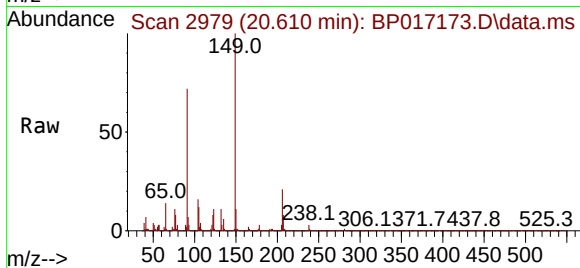
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.3  | 57.4  | 86.0  |
| 206 | 21.4  | 16.7  | 25.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#84

3,3'-Dichlorobenzidine

Concen: 58.916 ng/ul

RT: 21.410 min Scan# 3115

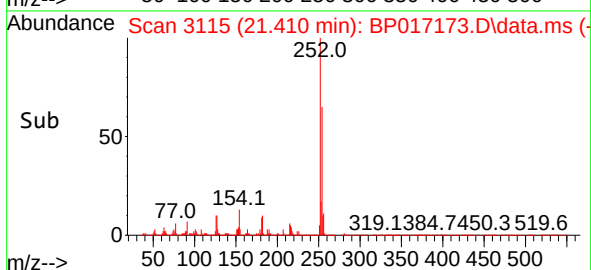
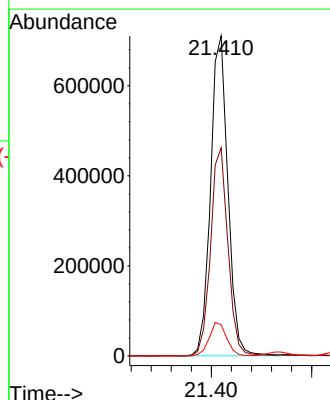
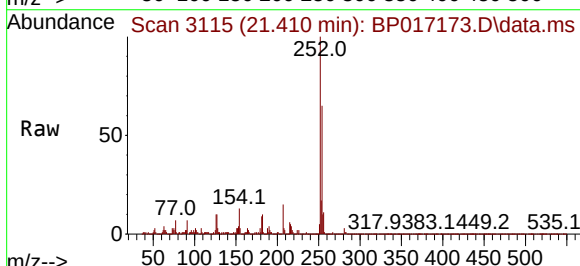
Delta R.T. 0.000 min

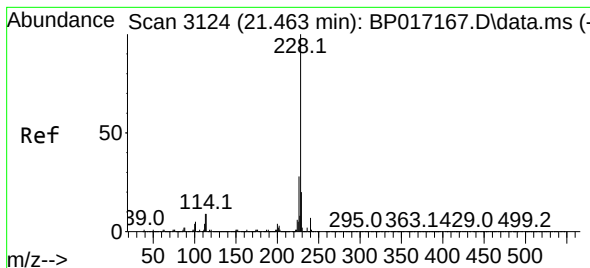
Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Tgt Ion:252 Resp: 855180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.0  | 51.4  | 77.2  |
| 126 | 9.8   | 9.4   | 14.2  |





#85

Benzo(a)anthracene

Concen: 59.949 ng/ul

RT: 21.469 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:228 Resp: 277901

Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

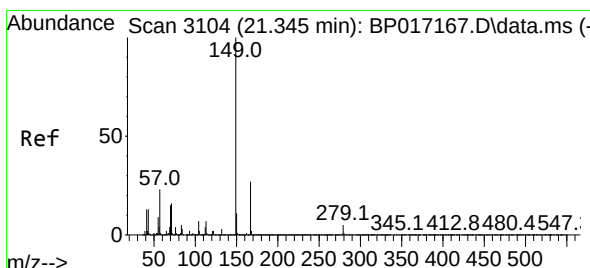
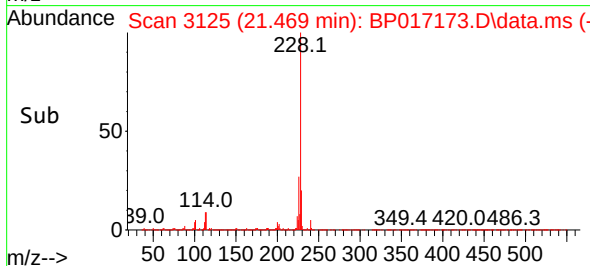
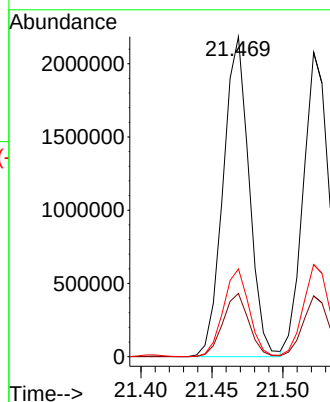
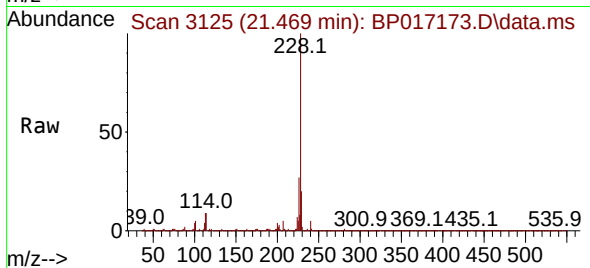
226 27.4 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 70.007 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

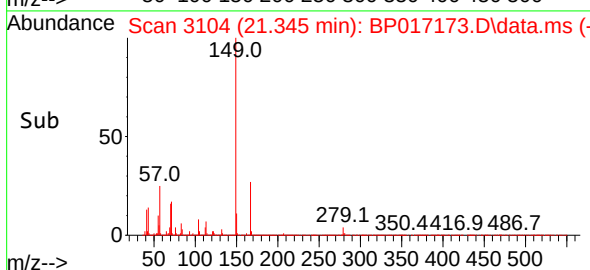
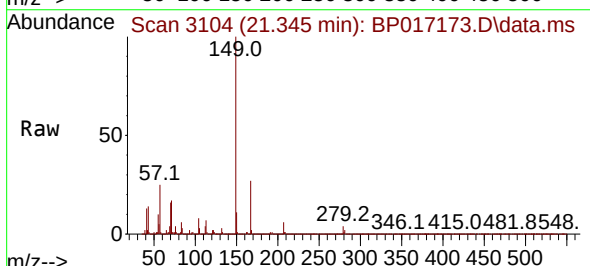
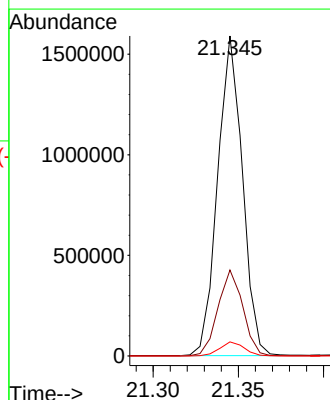
Tgt Ion:149 Resp: 1607275

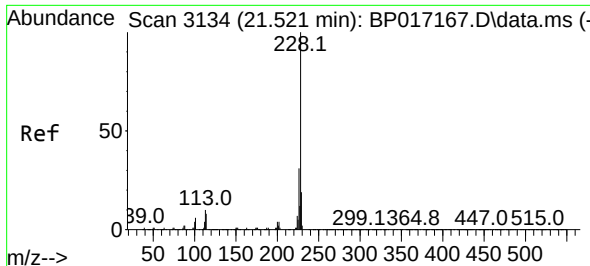
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

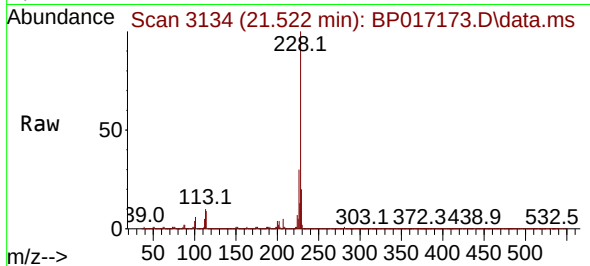
279 4.4 3.4 5.2





#87  
Chrysene  
Concen: 60.665 ng/ul  
RT: 21.522 min Scan# 3134  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

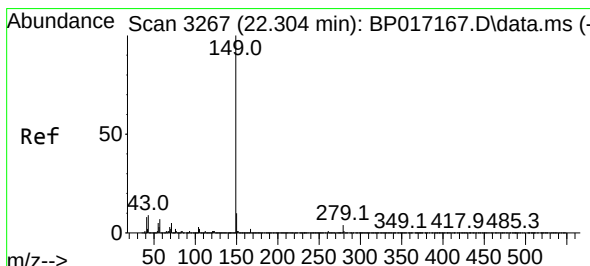
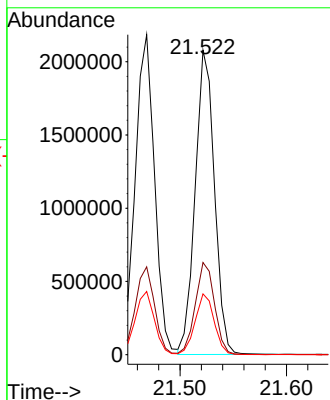
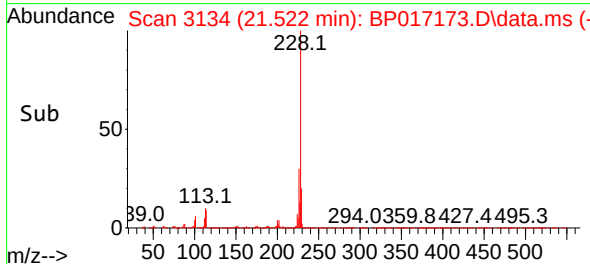
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



Tgt Ion:228 Resp: 261597  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.9 35.9  
229 20.0 15.3 22.9

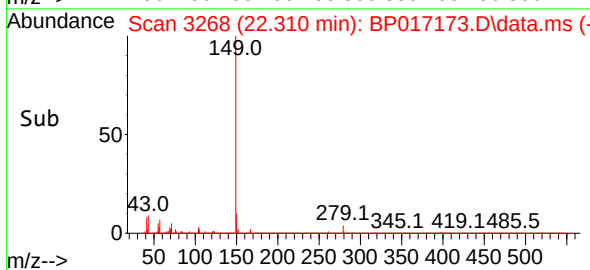
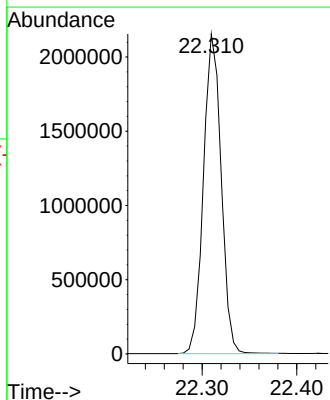
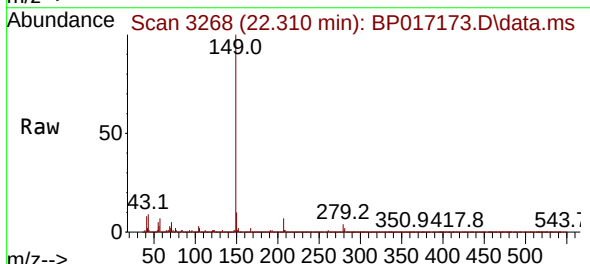
Manual Integrations  
APPROVED

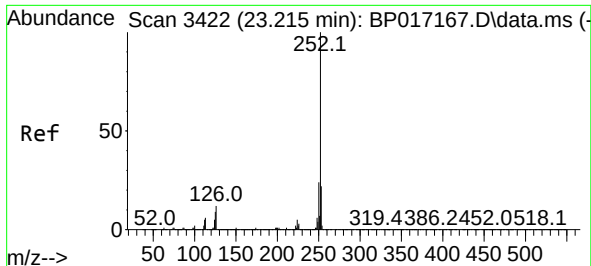
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023



#89  
Di-n-octyl phthalate  
Concen: 62.135 ng/ul  
RT: 22.310 min Scan# 3268  
Delta R.T. -0.006 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

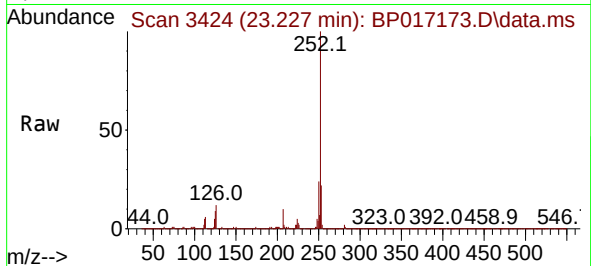
Tgt Ion:149 Resp: 2799340





#90  
Benzo(b)fluoranthene  
Concen: 60.464 ng/u1  
RT: 23.227 min Scan# 3422  
Delta R.T. 0.000 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51

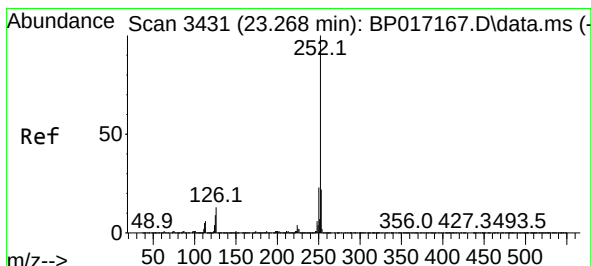
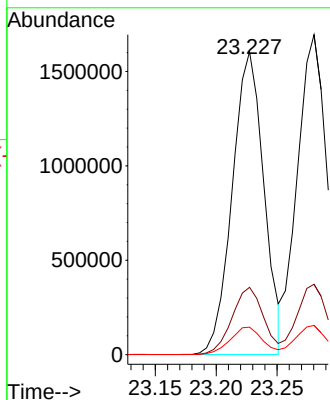
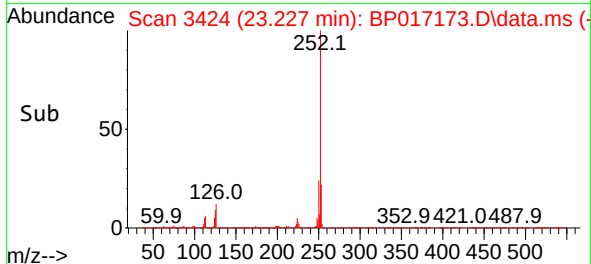
Instrument :  
BNA\_P  
ClientSampleId :  
BBJA8MSD



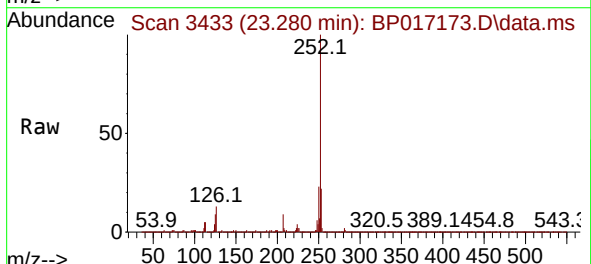
Tgt Ion:252 Resp: 289583  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.1 7.5 11.3

Manual Integrations  
APPROVED

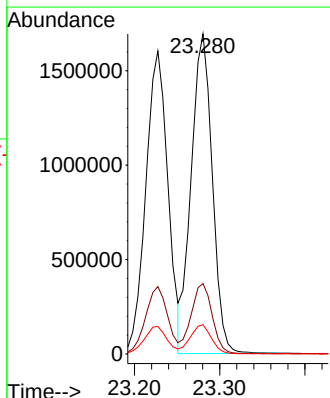
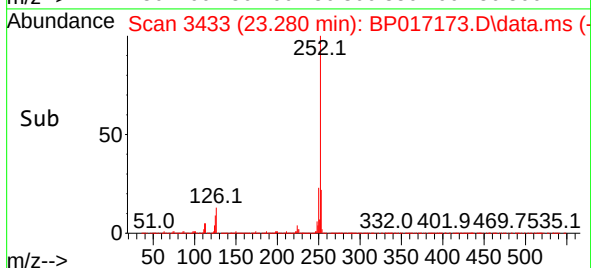
Reviewed By :Yogesh Patel 09/15/2023  
Supervised By :mohammad ahmed 09/15/2023

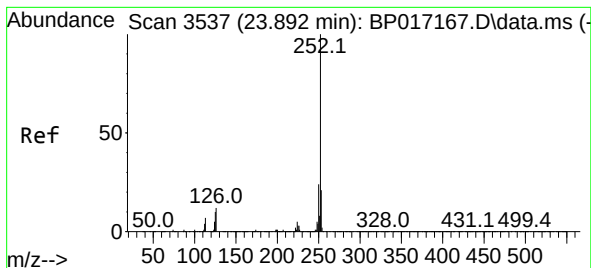


#91  
Benzo(k)fluoranthene  
Concen: 61.147 ng/u1  
RT: 23.280 min Scan# 3433  
Delta R.T. 0.000 min  
Lab File: BP017173.D  
Acq: 14 Sep 2023 12:51



Tgt Ion:252 Resp: 2911301  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 58.739 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:252 Resp: 2609960

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

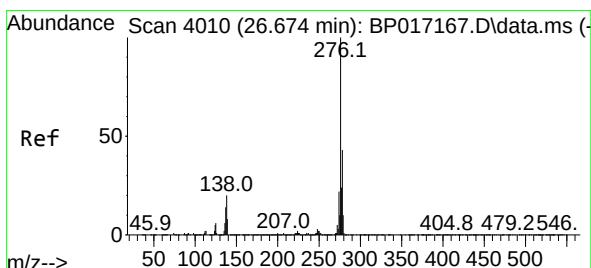
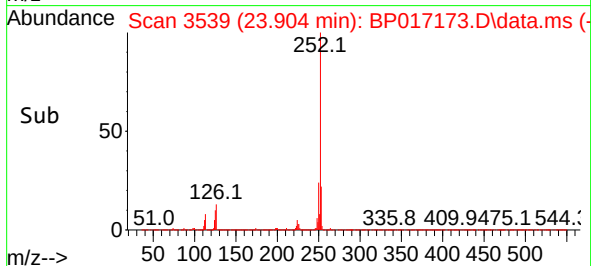
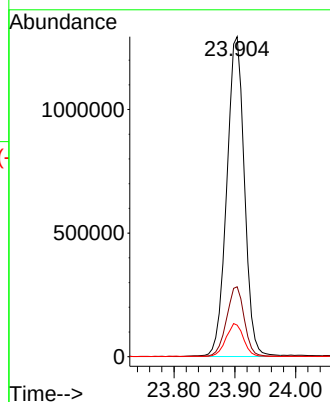
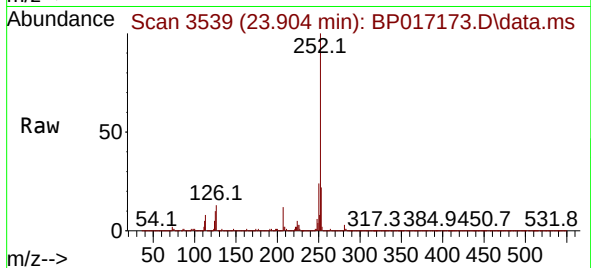
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 72.648 ng/ul

RT: 26.698 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

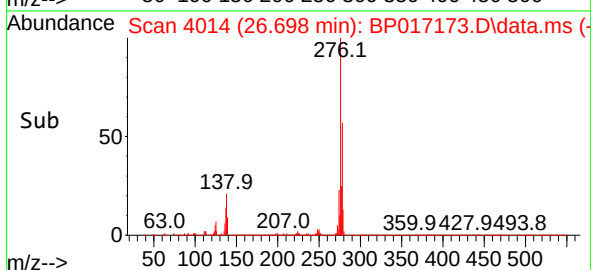
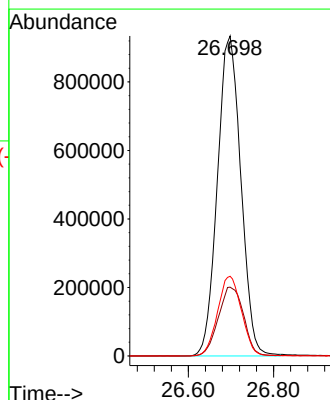
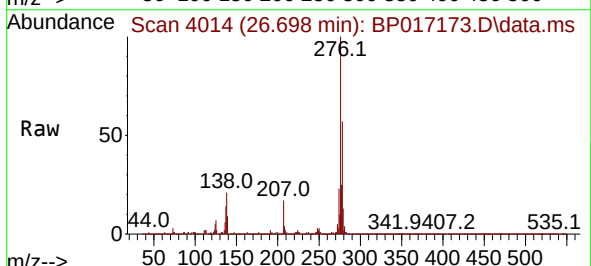
Tgt Ion:276 Resp: 3574469

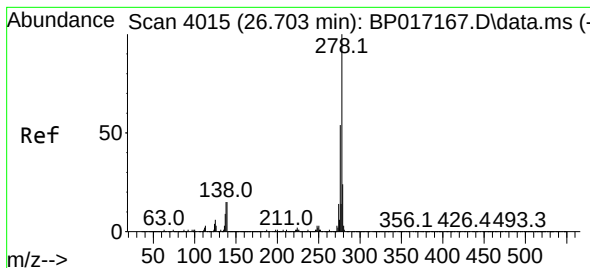
Ion Ratio Lower Upper

276 100

138 21.5 17.5 26.3

277 24.9 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 72.617 ng/ul

RT: 26.721 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Instrument :

BNA\_P

ClientSampleId :

BBJA8MSD

Tgt Ion:278 Resp: 300136

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

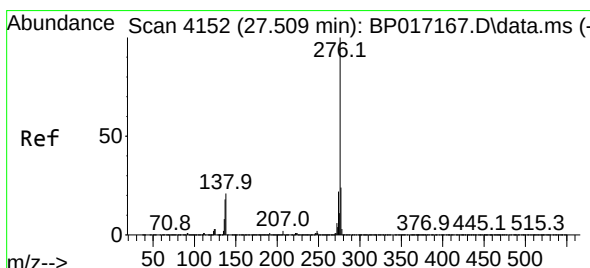
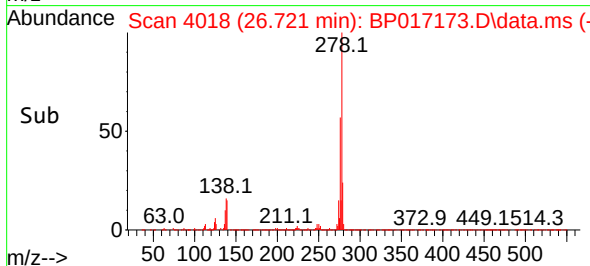
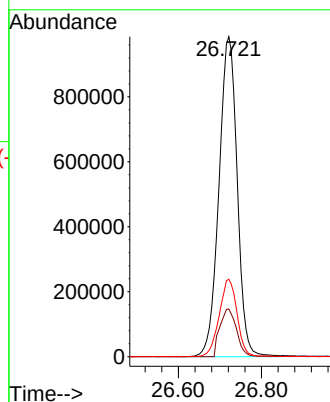
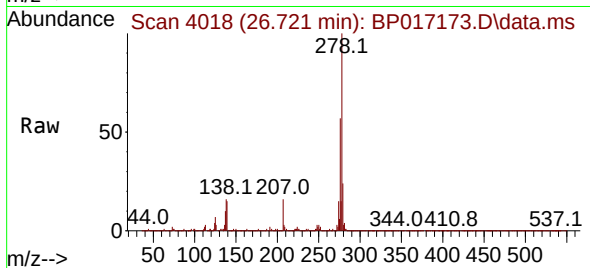
279 24.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#96

Benzo(g,h,i)perylene

Concen: 75.884 ng/ul

RT: 27.539 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP017173.D

Acq: 14 Sep 2023 12:51

Tgt Ion:276 Resp: 2887119

Ion Ratio Lower Upper

276 100

138 19.3 16.2 24.4

277 23.9 19.6 29.4

