

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102323\  
 Data File : BP017783.D  
 Acq On : 24 Oct 2023 18:16  
 Operator : MA/JU  
 Sample : 04927-04MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCD09MS

Quant Time: Oct 25 03:43:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023  
 Supervised By :mohammad ahmed 10/26/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.881  | 152  | 76459    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.716 | 136  | 307895   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.581 | 164  | 188336   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 394851   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.516 | 240  | 341892   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.069 | 264  | 356507   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 8916     | 4.338  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.705  | 84   | 13774m   | 2.560  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 7.046  | 99   | 147354   | 23.160 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67   | 98212    | 24.994 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.405  | 132  | 122615   | 23.628 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 104579   | 20.931 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.093  | 128  | 56971    | 22.835 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.805  | 143  | 64041    | 23.232 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.334 | 165  | 124957   | 23.108 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.893 | 131  | 113516   | 16.041 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.999 | 166  | 378064   | 23.913 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.275 | 160  | 415978   | 23.593 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.828 | 143  | 45781    | 20.322 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.587 | 176  | 315845   | 23.110 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.734 | 200  | 55139    | 21.200 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.469 | 188  | 466221   | 23.106 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.733 | 212  | 573397   | 26.751 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.898 | 264  | 486900   | 24.521 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.287  | 88   | 23592    | 10.822 | ng/uL  | 98       |
| 6) Benzaldehyde               | 7.046  | 77   | 97649    | 28.530 | ng/u1  | 96       |
| 8) Phenol                     | 7.069  | 94   | 189972   | 30.282 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.322  | 93   | 153429   | 29.315 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.434  | 128  | 149739   | 28.729 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.334  | 108  | 121800   | 25.726 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 194018m  | 30.117 | ng/u1  |          |
| 16) Acetophenone              | 8.740  | 105  | 268062   | 34.125 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.705  | 70   | 120299   | 32.287 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.669  | 108  | 133964   | 26.645 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.946  | 117  | 70981    | 29.639 | ng/u1  | 81       |
| 22) Nitrobenzene              | 9.134  | 77   | 189933   | 30.574 | ng/u1  | 97       |
| 23) Isophorone                | 9.646  | 82   | 340880   | 30.686 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.840  | 139  | 83174    | 28.267 | ng/u1  | 92       |
| 26) 2,4-Dimethylphenol        | 9.881  | 107  | 57844    | 10.016 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.140 | 93   | 200383   | 29.165 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.363 | 162  | 140998   | 27.268 | ng/u1  | 97       |
| 30) Naphthalene               | 10.763 | 128  | 490794   | 27.699 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.916 | 127  | 128364   | 18.943 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.987 | 225  | 101443   | 24.162 | ng/u1  | 98       |
| 34) Caprolactam               | 11.752 | 113  | 37599    | 28.239 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 12.028 | 107  | 145606   | 29.910 | ng/u1  | 93       |
| 36) 2-Methylnaphthalene       | 12.381 | 142  | 329853   | 27.559 | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.604 | 142  | 327800   | 26.780 | ng/u1  | 97       |

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Manual Integrations  
 APPROVED

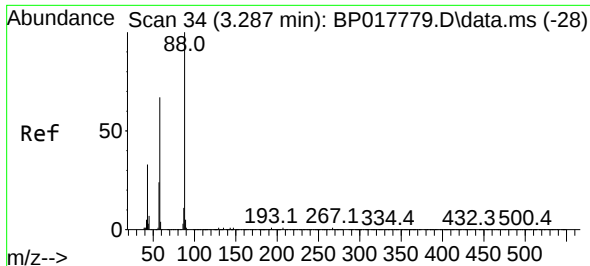
Reviewed By :Yogesh Patel 10/25/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216  | 179216   | 25.716 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.675 | 237  | 58757    | 14.675 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.999 | 196  | 112641   | 26.932 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.075 | 196  | 122749   | 28.387 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.404 | 154  | 434917   | 28.030 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.451 | 162  | 348970   | 27.822 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.704 | 65   | 97479    | 34.200 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 14.046 | 163  | 441600   | 28.340 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.198 | 165  | 84398    | 29.427 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.310 | 152  | 561541   | 28.432 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.546 | 138  | 67662    | 24.805 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.646 | 153  | 374629   | 28.059 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.757 | 184  | 34521    | 21.442 | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 14.846 | 109  | 69882    | 29.304 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.987 | 168  | 522600   | 27.879 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.987 | 165  | 126327   | 29.844 | ng/ul  | 86       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.210 | 232  | 102693   | 26.762 | ng/ul# | 92       |
| 59) Diethylphthalate          | 15.410 | 149  | 449899   | 29.904 | ng/ul  | 99       |
| 61) Fluorene                  | 15.640 | 166  | 427127   | 27.739 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.634 | 204  | 214128   | 26.164 | ng/ul  | 91       |
| 63) 4-Nitroaniline            | 15.722 | 138  | 69263    | 28.152 | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 71468    | 25.655 | ng/ul  | 92       |
| 67) N-Nitrosodiphenylamine    | 15.863 | 169  | 354400   | 29.627 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.545 | 248  | 119905   | 25.954 | ng/ul# | 89       |
| 69) Hexachlorobenzene         | 16.622 | 284  | 133335   | 25.139 | ng/ul# | 86       |
| 70) Atrazine                  | 16.828 | 200  | 118753   | 27.011 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.998 | 266  | 89924    | 28.201 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.416 | 178  | 678580   | 29.337 | ng/ul  | 99       |
| 74) Anthracene                | 17.510 | 178  | 659973   | 28.171 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 172816   | 26.085 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 14.875 | 250  | 155854   | 24.273 | ng/uL  | 98       |
| 77) Carbazole                 | 17.804 | 167  | 602983   | 30.454 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.316 | 149  | 796657   | 34.657 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.398 | 202  | 799805   | 32.476 | ng/ul# | 95       |
| 82) Pyrene                    | 19.763 | 202  | 835891   | 32.037 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.633 | 149  | 361203   | 40.250 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.445 | 252  | 133290   | 17.256 | ng/ul# | 99       |
| 85) Benzo(a)anthracene        | 21.498 | 228  | 792416   | 30.488 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 519052m  | 41.434 | ng/ul  |          |
| 87) Chrysene                  | 21.551 | 228  | 743202   | 30.238 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.357 | 149  | 868182   | 38.446 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.274 | 252  | 737563   | 30.399 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.327 | 252  | 733272   | 29.820 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.951 | 252  | 675528   | 29.657 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.774 | 276  | 782220   | 28.814 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.804 | 278  | 649304   | 28.666 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.621 | 276  | 563972   | 25.784 | ng/ul  | 95       |

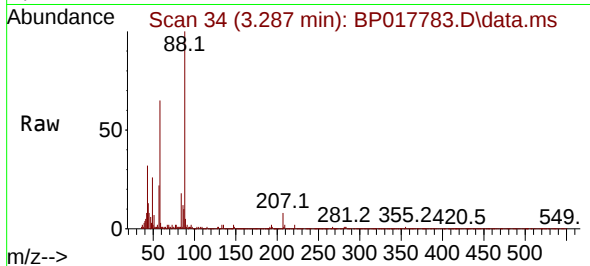
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 10.822 ng/uL  
RT: 3.287 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

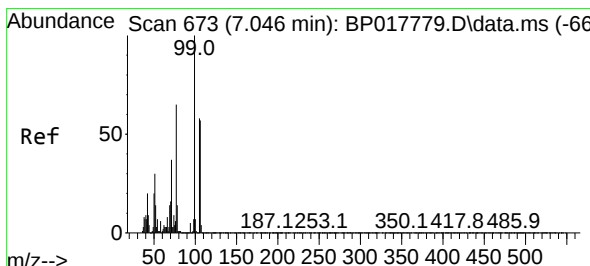
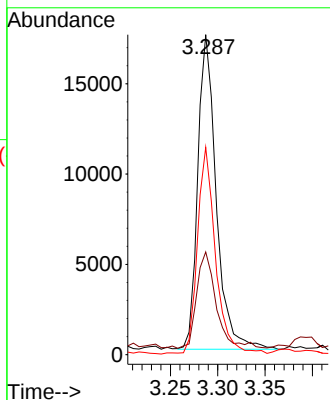
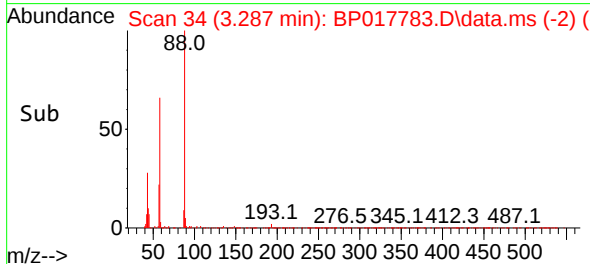
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion: 88 Resp: 23592  
Ion Ratio Lower Upper  
88 100  
43 32.1 24.4 36.6  
58 64.8 53.0 79.6

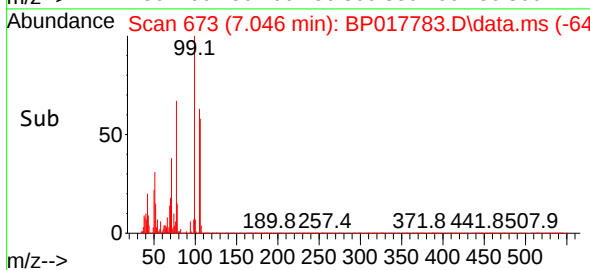
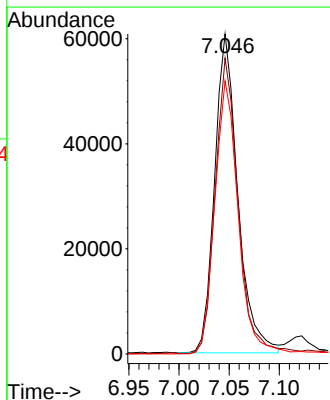
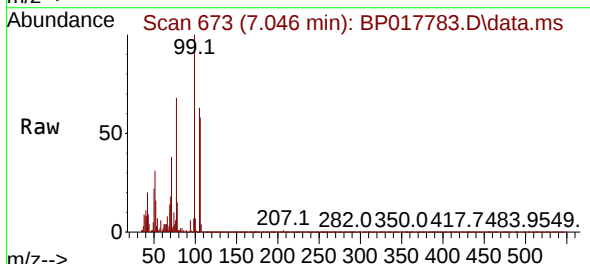
Manual Integrations  
APPROVED

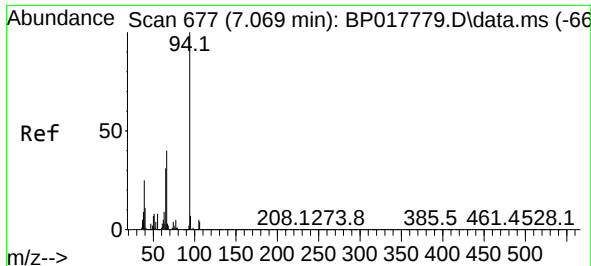
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#6  
Benzaldehyde  
Concen: 28.530 ng/uL  
RT: 7.046 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

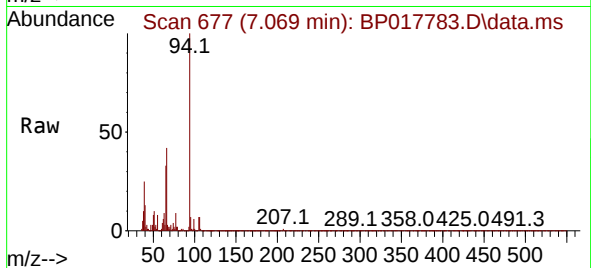
Tgt Ion: 77 Resp: 97649  
Ion Ratio Lower Upper  
77 100  
105 92.5 75.4 113.2  
106 85.3 72.3 108.5





#8  
Phenol  
Concen: 30.282 ng/ul  
RT: 7.069 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

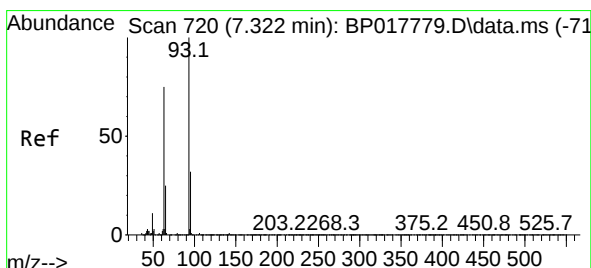
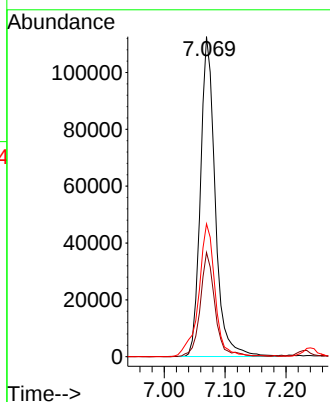
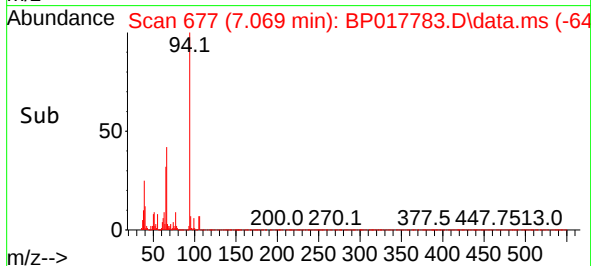
Instrument :  
BNA\_P  
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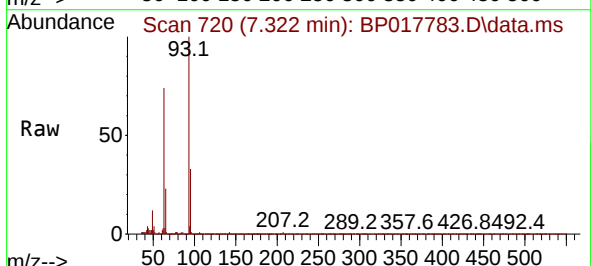
Tgt Ion: 94 Resp: 189972  
Ion Ratio Lower Upper  
94 100  
65 32.6 25.0 37.4  
66 41.5 33.0 49.6

Manual Integrations  
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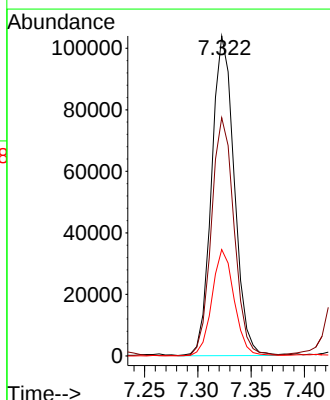
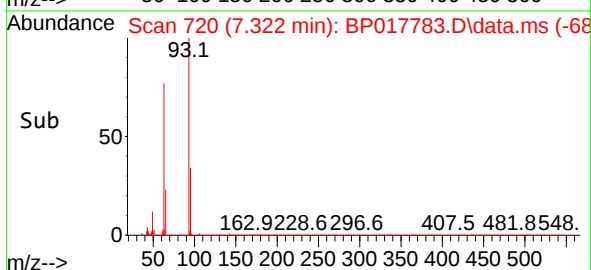
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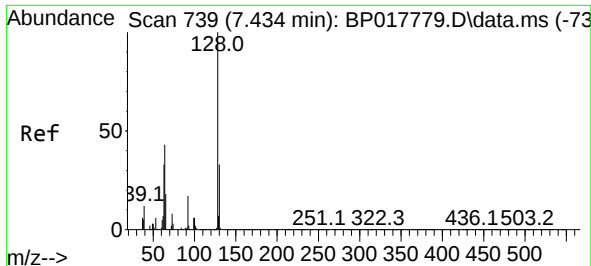


#10  
Bis(2-Chloroethyl)ether  
Concen: 29.315 ng/ul  
RT: 7.322 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



Tgt Ion: 93 Resp: 153429  
Ion Ratio Lower Upper  
93 100  
63 74.4 60.7 91.1  
95 33.2 27.8 41.6





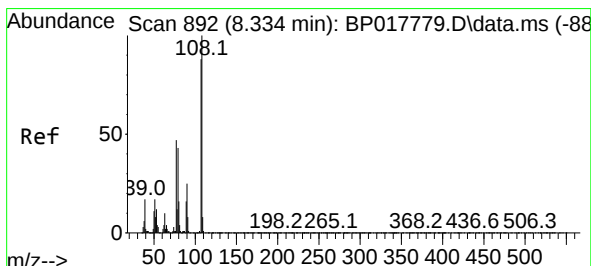
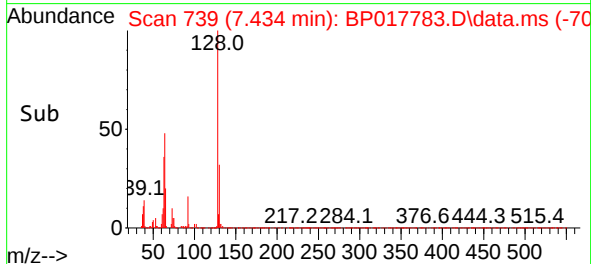
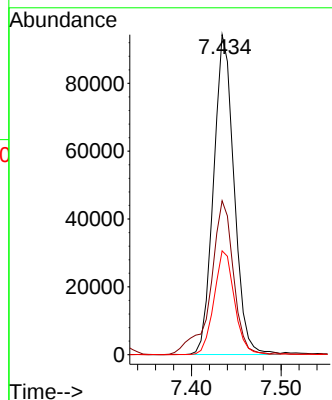
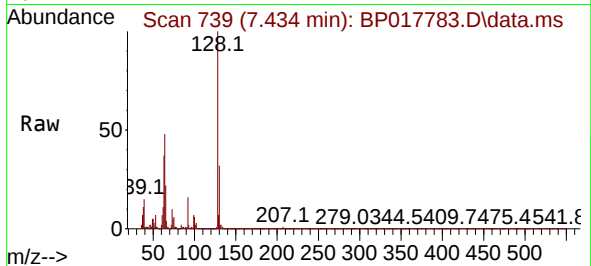
#12  
2-Chlorophenol  
Concen: 28.729 ng/ul  
RT: 7.434 min Scan# 739  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:128 Resp: 149739  
Ion Ratio Lower Upper  
128 100  
64 48.1 36.7 55.1  
130 32.4 26.2 39.2

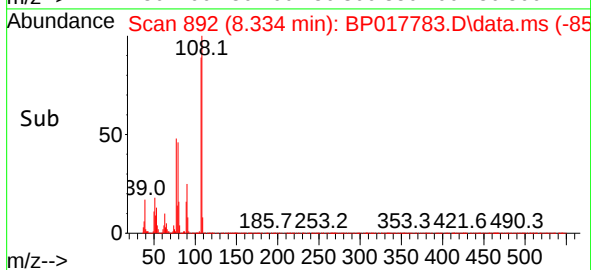
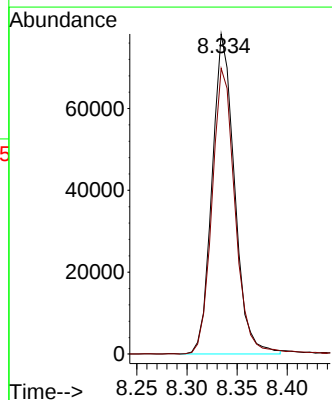
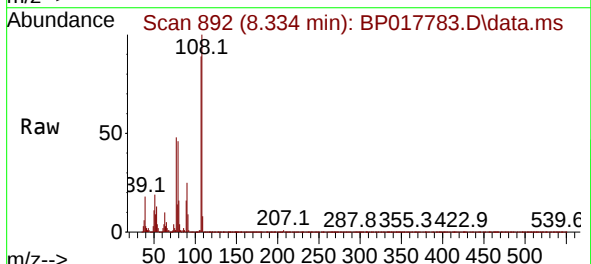
Manual Integrations  
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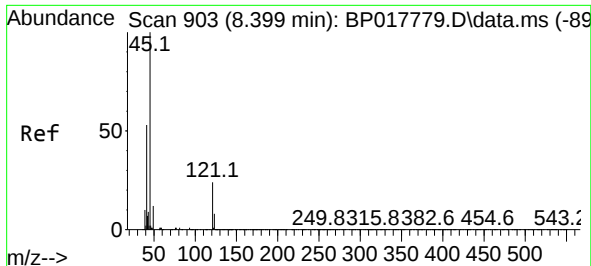
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#13  
2-Methylphenol  
Concen: 25.726 ng/ul  
RT: 8.334 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

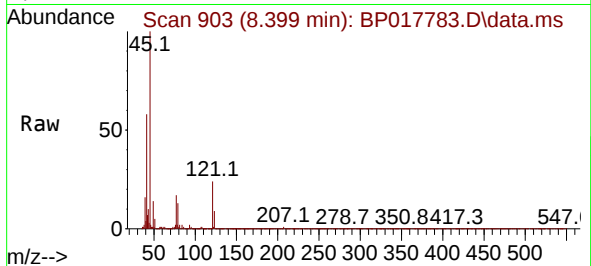
Tgt Ion:108 Resp: 121800  
Ion Ratio Lower Upper  
108 100  
107 89.3 73.4 110.2





#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.117 ng/ul m  
RT: 8.399 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

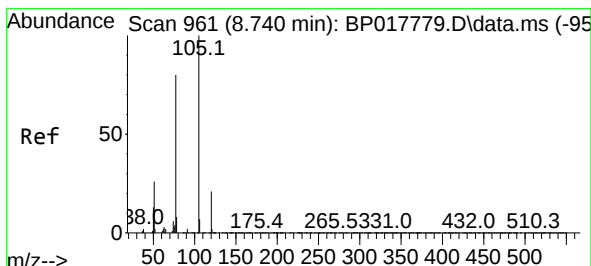
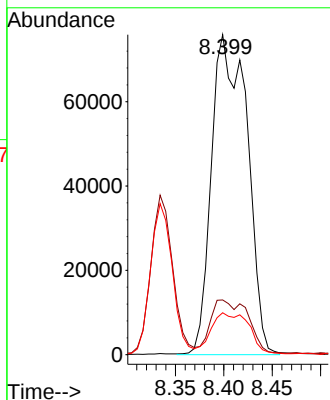
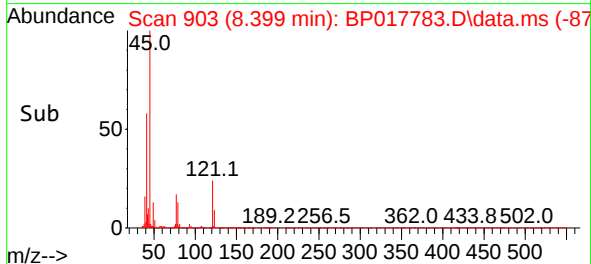
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion: 45 Resp: 194018  
Ion Ratio Lower Upper  
45 100  
77 17.1 14.2 21.4  
79 13.1 10.3 15.5

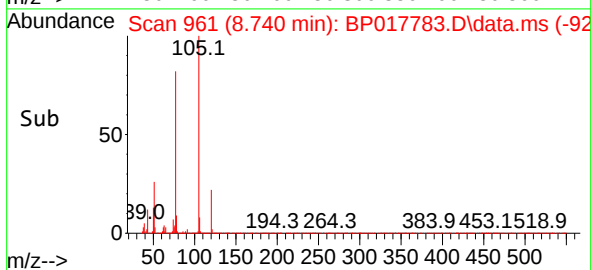
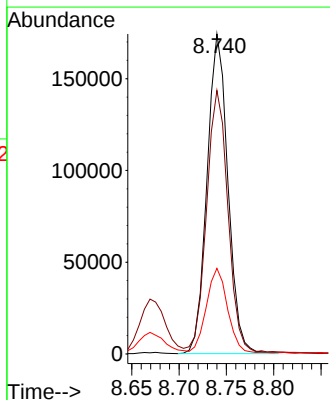
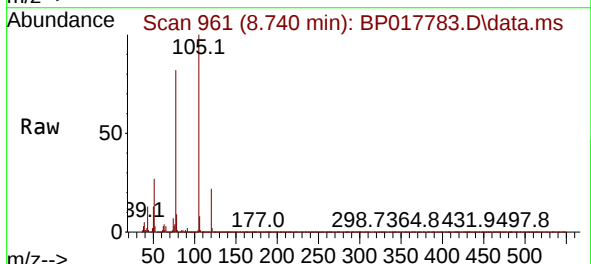
Manual Integrations  
APPROVED

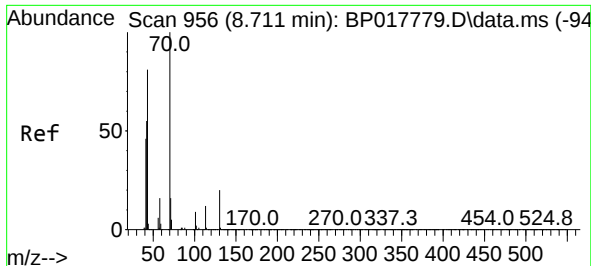
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#16  
Acetophenone  
Concen: 34.125 ng/ul  
RT: 8.740 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

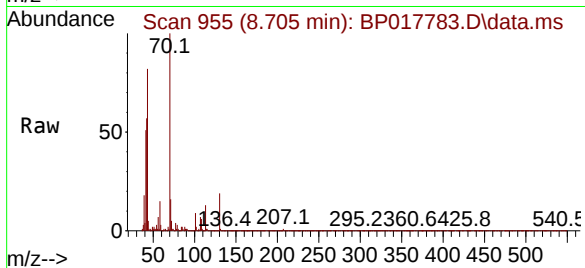
Tgt Ion:105 Resp: 268062  
Ion Ratio Lower Upper  
105 100  
77 82.3 64.4 96.6  
51 26.7 21.2 31.8





#17  
N-Nitroso-di-n-propylamine  
Concen: 32.287 ng/ul  
RT: 8.705 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

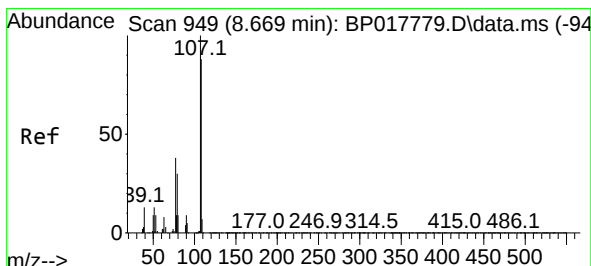
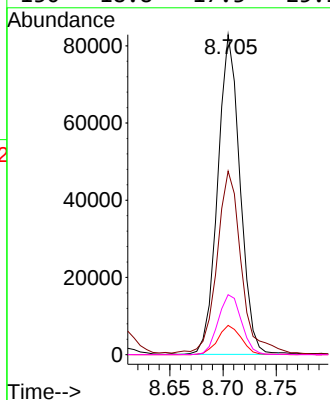
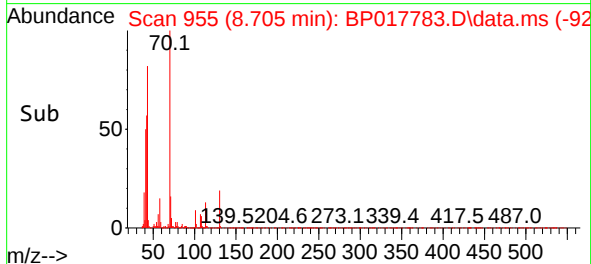
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion: 70 Resp: 120295  
Ion Ratio Lower Upper  
70 100  
42 57.4 44.6 66.8  
101 9.2 7.5 11.3  
130 18.8 17.3 25.9

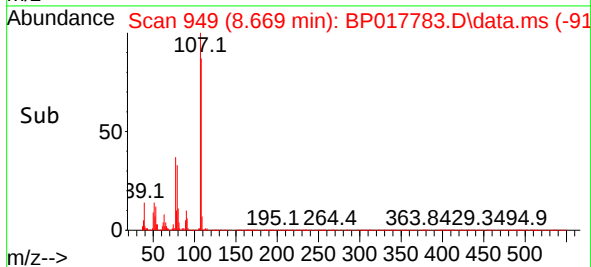
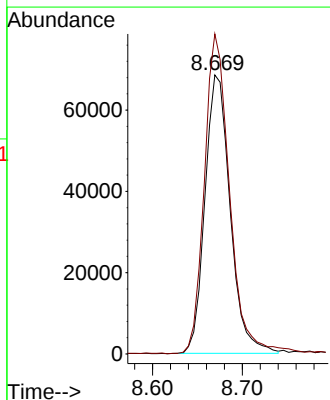
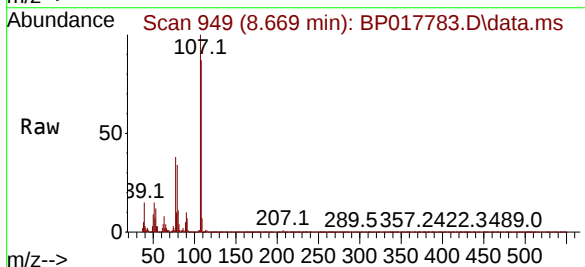
Manual Integrations  
APPROVED

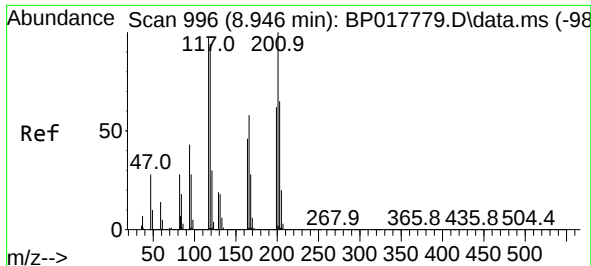
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#18  
4-Methylphenol  
Concen: 26.645 ng/ul  
RT: 8.669 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

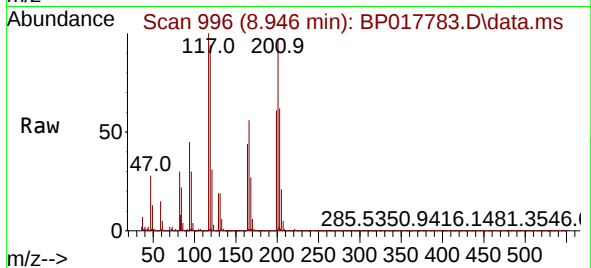
Tgt Ion:108 Resp: 133964  
Ion Ratio Lower Upper  
108 100  
107 114.7 87.5 131.3





#19  
Hexachloroethane  
Concen: 29.639 ng/ul  
RT: 8.946 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

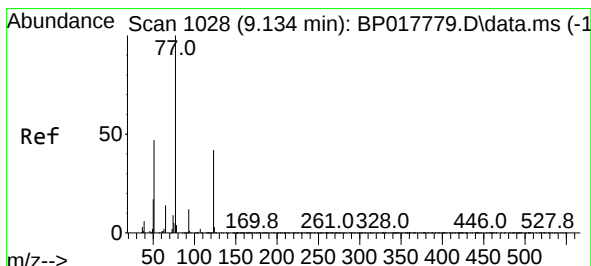
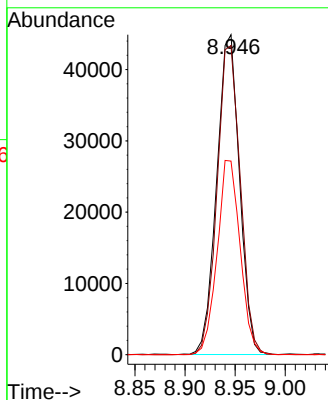
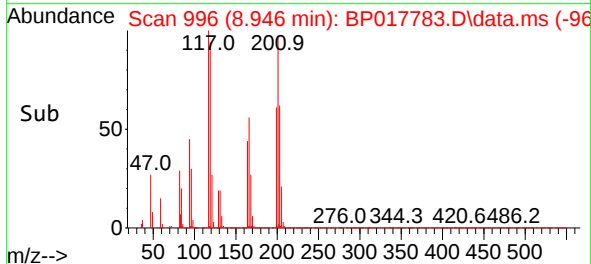
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:117 Resp: 7098  
Ion Ratio Lower Upper  
117 100  
201 96.6 96.3 144.5  
199 60.5 57.7 86.5

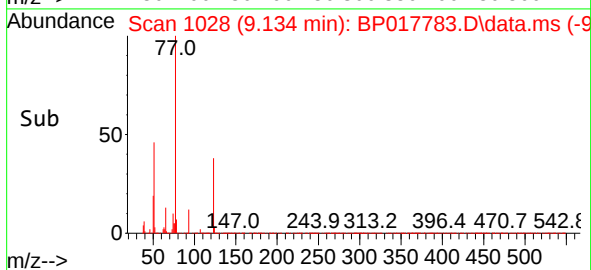
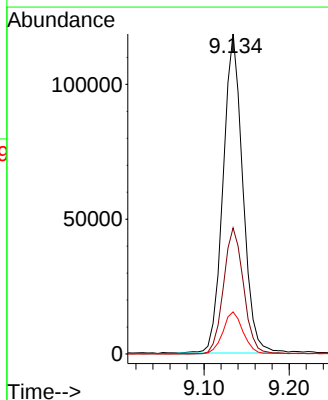
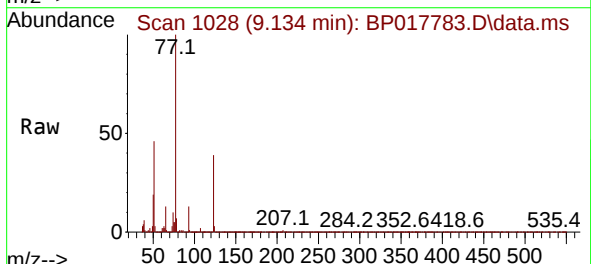
Manual Integrations  
APPROVED

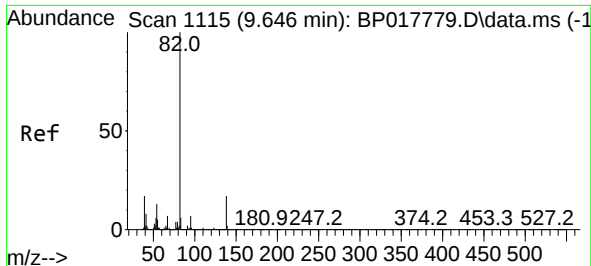
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#22  
Nitrobenzene  
Concen: 30.574 ng/ul  
RT: 9.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

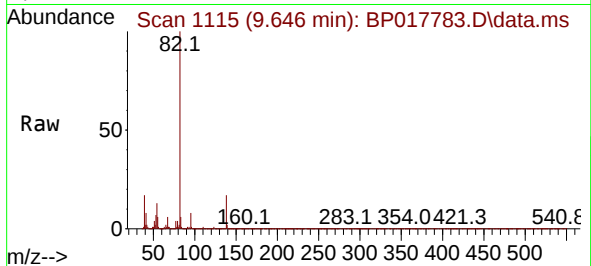
Tgt Ion: 77 Resp: 189933  
Ion Ratio Lower Upper  
77 100  
123 39.4 33.5 50.3  
65 13.2 10.8 16.2





#23  
Isophorone  
Concen: 30.686 ng/ul  
RT: 9.646 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

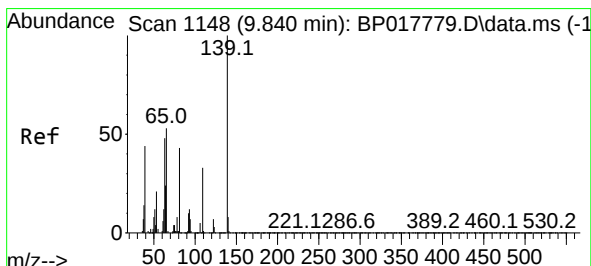
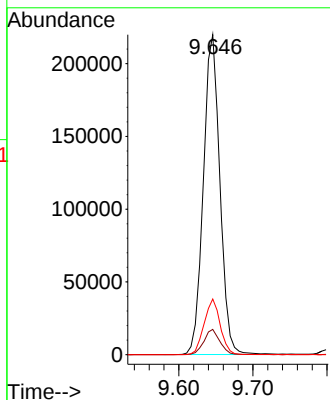
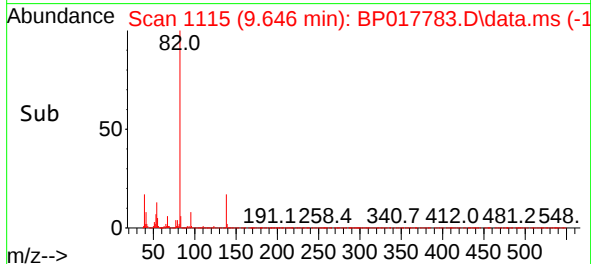
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



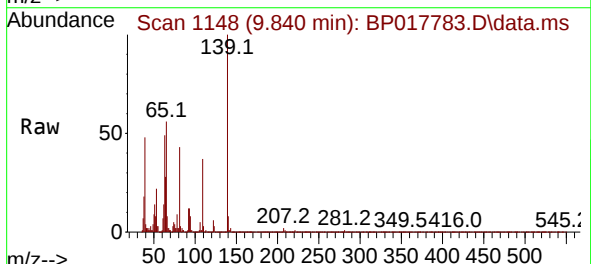
Tgt Ion: 82 Resp: 340880  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.2 9.2  
138 17.4 14.4 21.6

Manual Integrations  
APPROVED

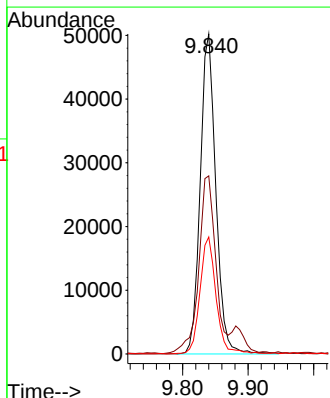
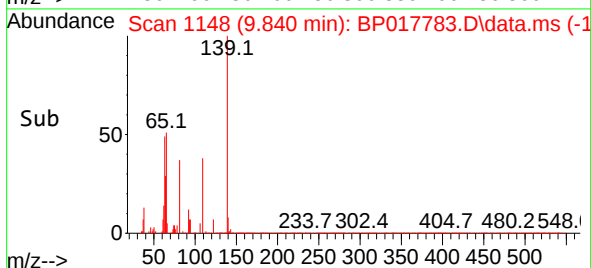
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

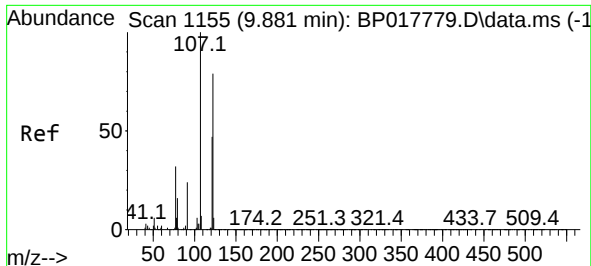


#25  
2-Nitrophenol  
Concen: 28.267 ng/ul  
RT: 9.840 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



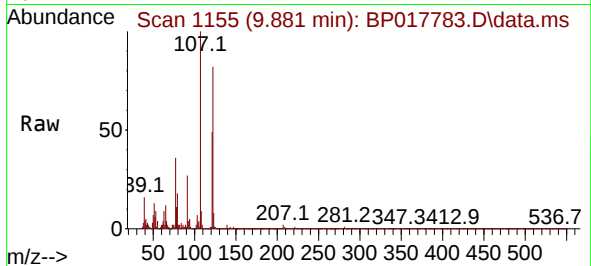
Tgt Ion:139 Resp: 83174  
Ion Ratio Lower Upper  
139 100  
65 55.6 40.4 60.6  
109 36.6 25.4 38.2





#26  
2,4-Dimethylphenol  
Concen: 10.016 ng/ul  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

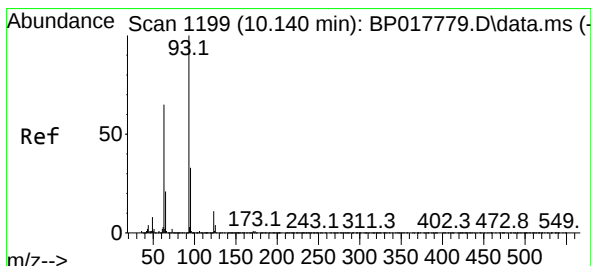
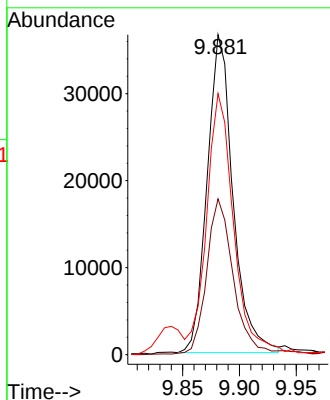
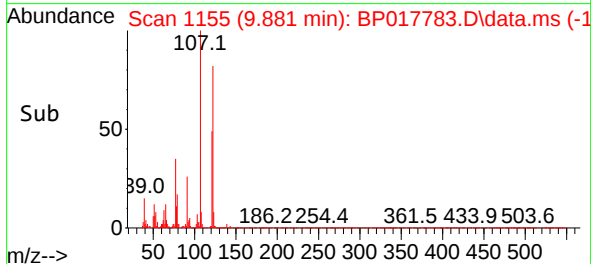
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:107 Resp: 57844  
Ion Ratio Lower Upper  
107 100  
121 48.7 40.6 61.0  
122 81.6 66.9 100.3

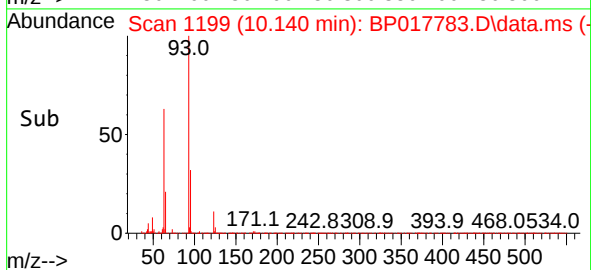
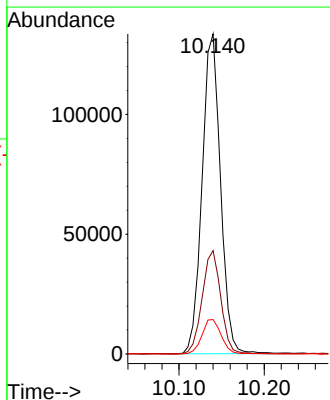
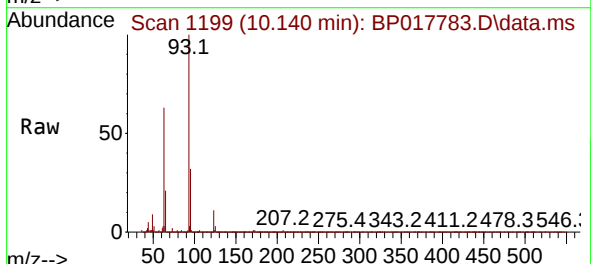
Manual Integrations  
APPROVED

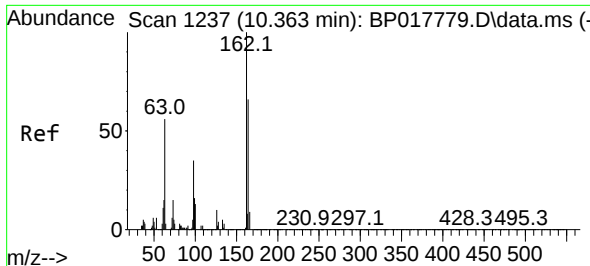
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#27  
Bis(2-Chloroethoxy)methane  
Concen: 29.165 ng/ul  
RT: 10.140 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion: 93 Resp: 200383  
Ion Ratio Lower Upper  
93 100  
95 32.3 24.7 37.1  
123 10.8 8.9 13.3





#29  
2,4-Dichlorophenol  
Concen: 27.268 ng/ul  
RT: 10.363 min Scan# 1237  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

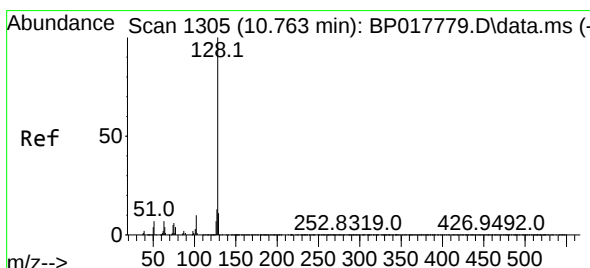
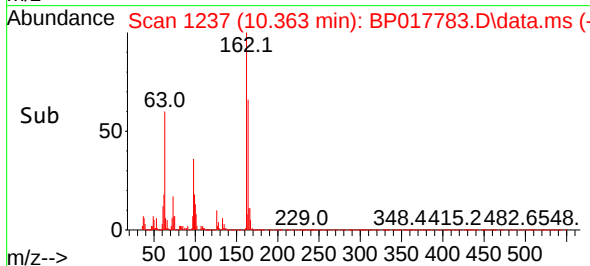
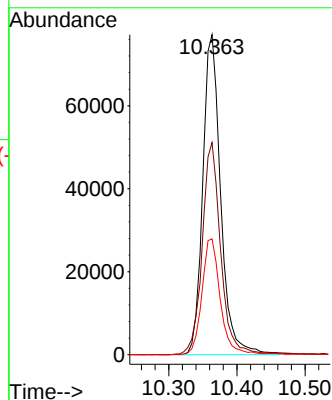
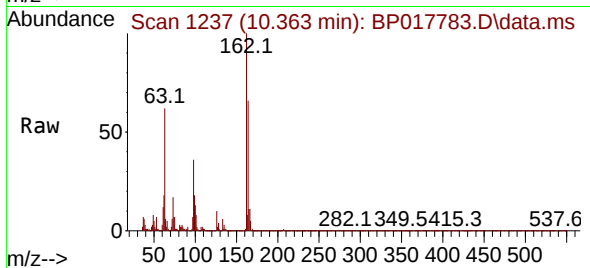
GCD09MS

Tgt Ion:162 Resp: 140998  
Ion Ratio Lower Upper  
162 100  
164 66.3 53.8 80.8  
98 36.2 25.5 38.3

Manual Integrations

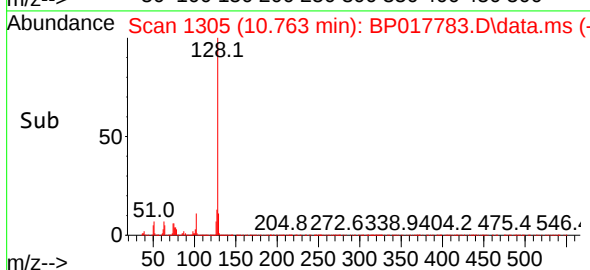
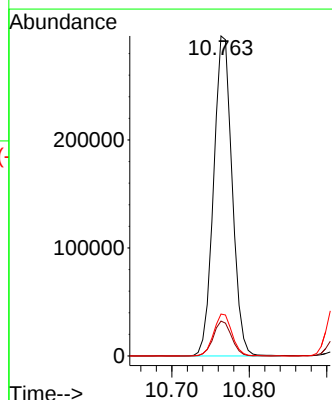
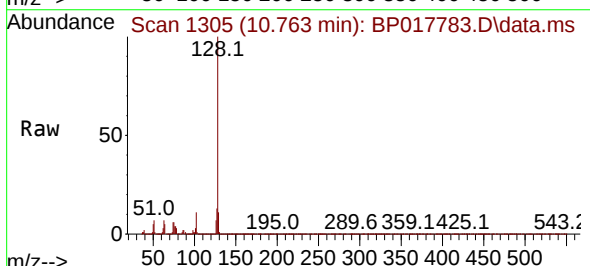
APPROVED

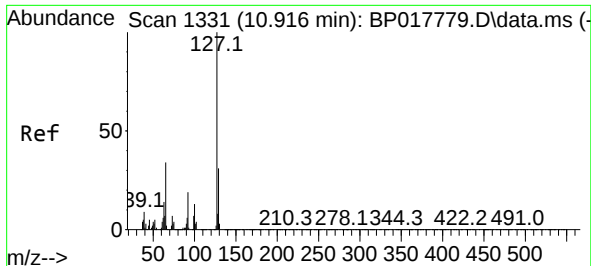
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#30  
Naphthalene  
Concen: 27.699 ng/ul  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.012 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:128 Resp: 490794  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.1 10.5 15.7





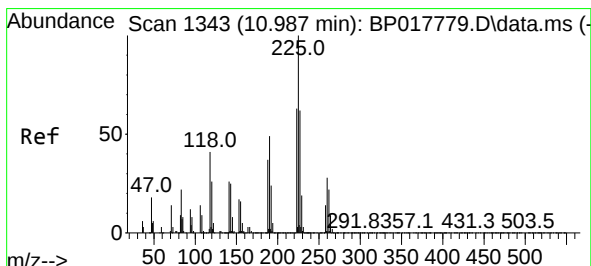
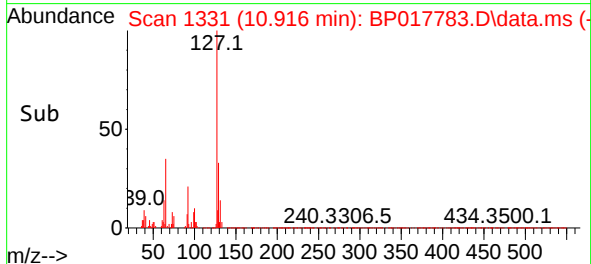
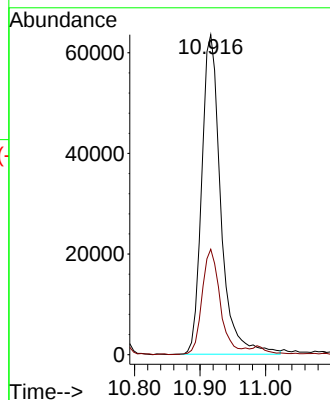
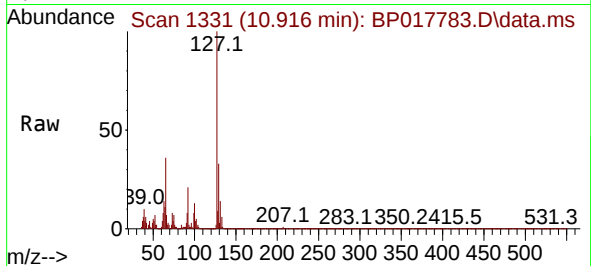
#32  
4-Chloroaniline  
Concen: 18.943 ng/ul  
RT: 10.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:127 Resp: 128364  
Ion Ratio Lower Upper  
127 100  
129 33.0 25.1 37.7

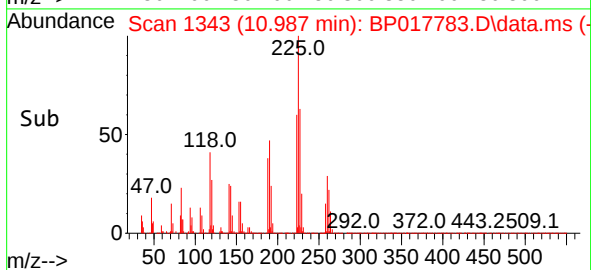
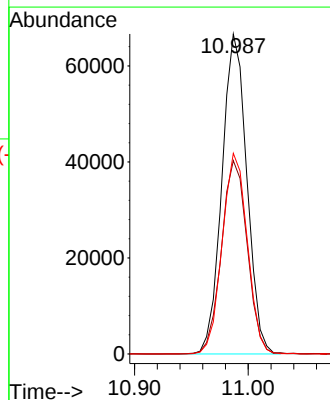
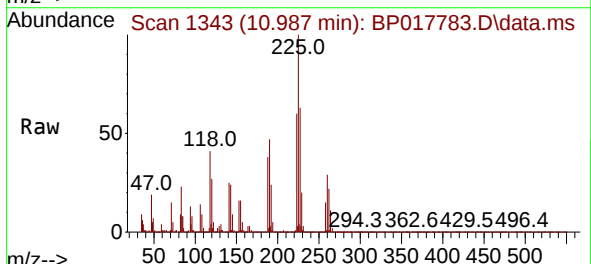
Manual Integrations  
APPROVED

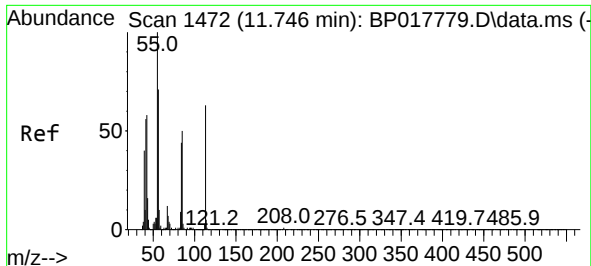
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#33  
Hexachlorobutadiene  
Concen: 24.162 ng/ul  
RT: 10.987 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

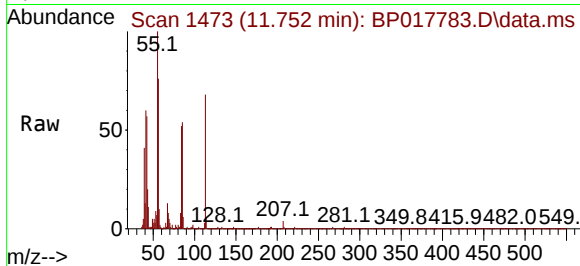
Tgt Ion:225 Resp: 101443  
Ion Ratio Lower Upper  
225 100  
223 60.4 50.6 75.8  
227 62.7 50.1 75.1





#34  
Caprolactam  
Concen: 28.239 ng/ul  
RT: 11.752 min Scan# 1472  
Delta R.T. -0.018 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

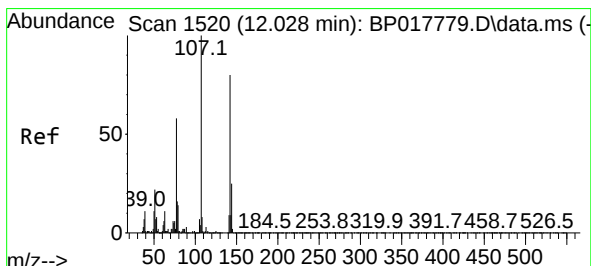
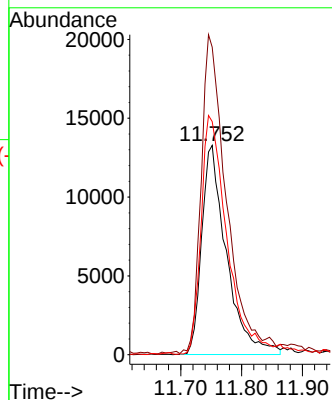
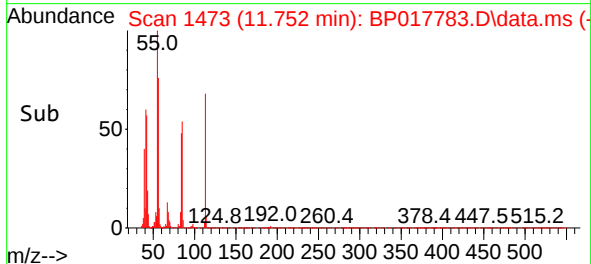
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:113 Resp: 37599  
Ion Ratio Lower Upper  
113 100  
55 147.0 112.1 168.1  
56 111.4 87.0 130.6

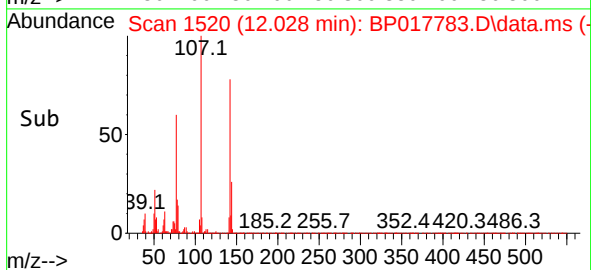
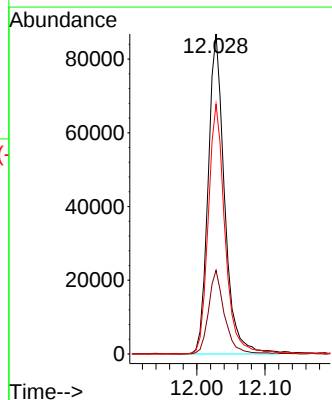
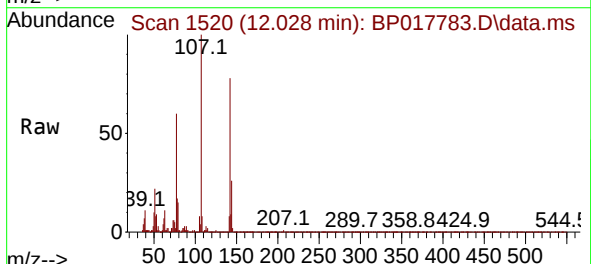
Manual Integrations  
APPROVED

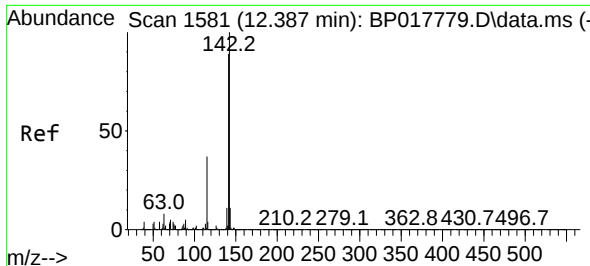
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#35  
4-Chloro-3-methylphenol  
Concen: 29.910 ng/ul  
RT: 12.028 min Scan# 1520  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:107 Resp: 145606  
Ion Ratio Lower Upper  
107 100  
144 26.2 22.9 34.3  
142 78.1 68.1 102.1





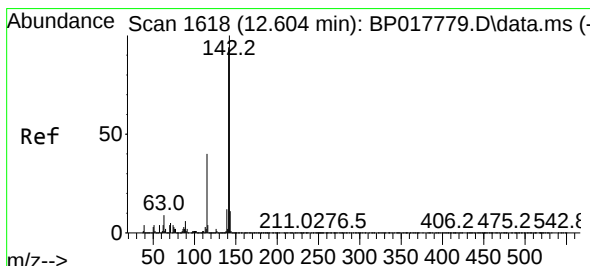
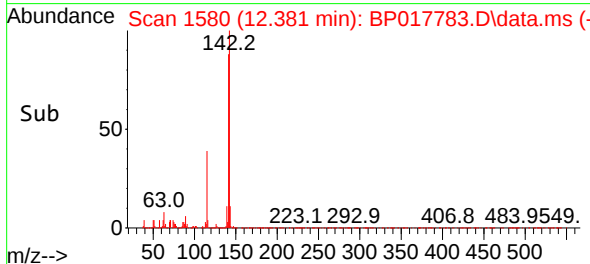
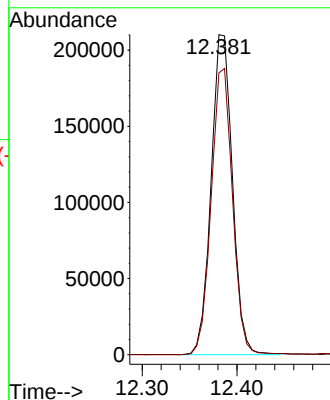
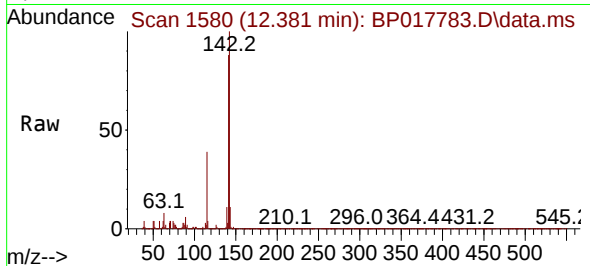
#36  
2-Methylnaphthalene  
Concen: 27.559 ng/ul  
RT: 12.381 min Scan# 1581  
Delta R.T. -0.012 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:142 Resp: 32985  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.5 107.3

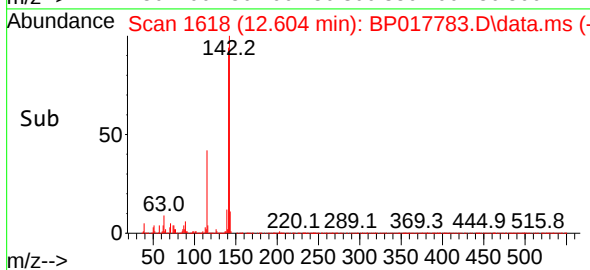
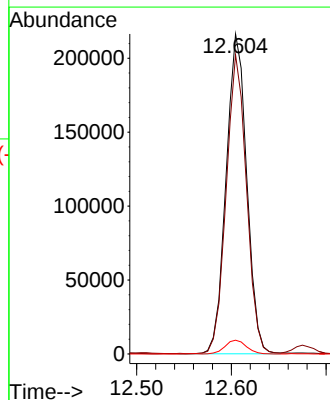
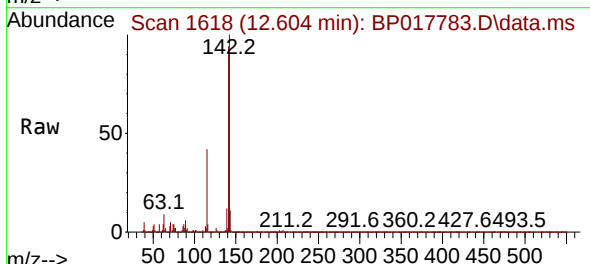
Manual Integrations  
APPROVED

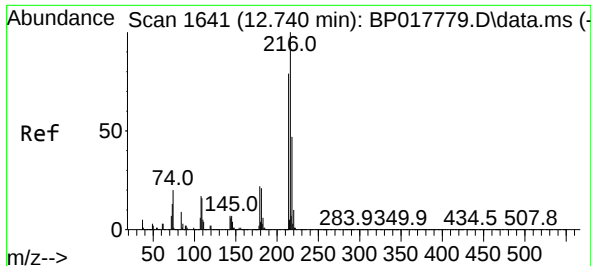
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#37  
1-Methylnaphthalene  
Concen: 26.780 ng/ul  
RT: 12.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

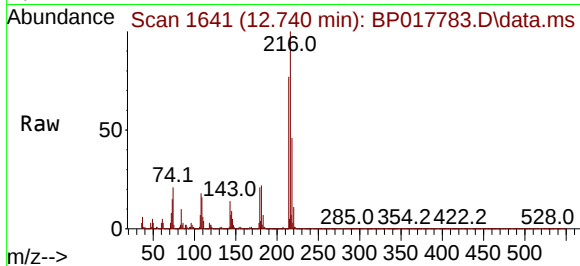
Tgt Ion:142 Resp: 327800  
Ion Ratio Lower Upper  
142 100  
141 93.5 72.5 108.7  
116 4.3 3.4 5.2





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 25.716 ng/ul  
RT: 12.740 min Scan# 1641  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

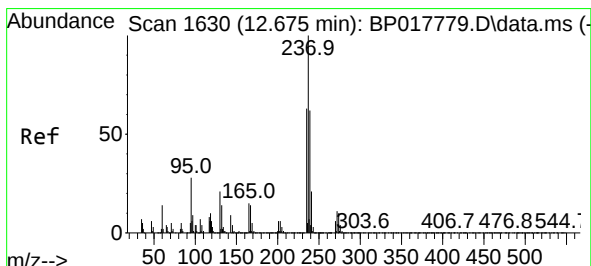
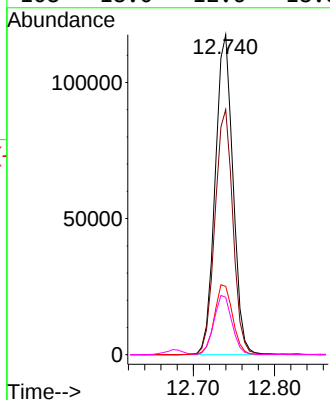
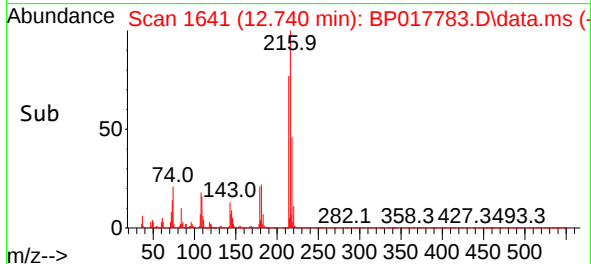
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



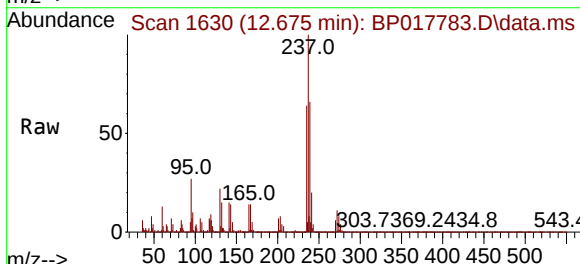
Tgt Ion:216 Resp: 179210  
Ion Ratio Lower Upper  
216 100  
214 76.6 62.2 93.2  
179 21.3 15.8 23.8  
108 18.0 12.6 18.8

Manual Integrations  
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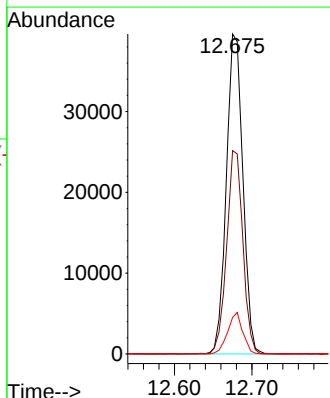
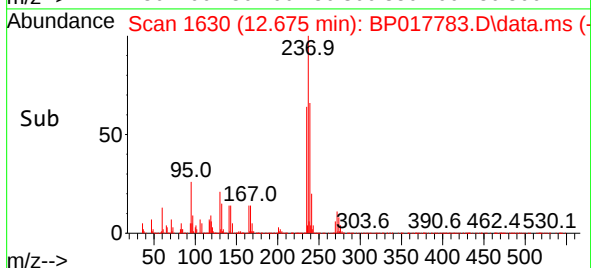
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

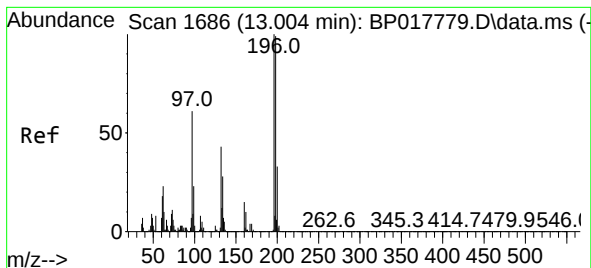


#40  
Hexachlorocyclopentadiene  
Concen: 14.675 ng/ul  
RT: 12.675 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



Tgt Ion:237 Resp: 58757  
Ion Ratio Lower Upper  
237 100  
235 63.5 50.3 75.5  
272 11.4 11.1 16.7





#41

2,4,6-Trichlorophenol

Concen: 26.932 ng/ul

RT: 12.999 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

Tgt Ion:196 Resp: 11264

Ion Ratio Lower Upper

196 100

198 91.9 74.7 112.1

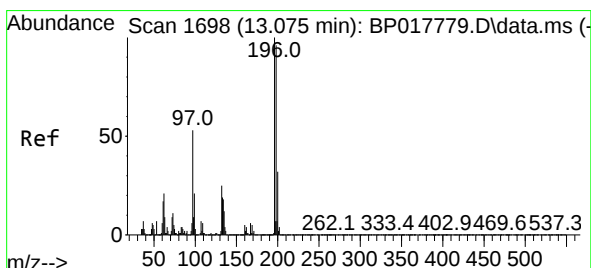
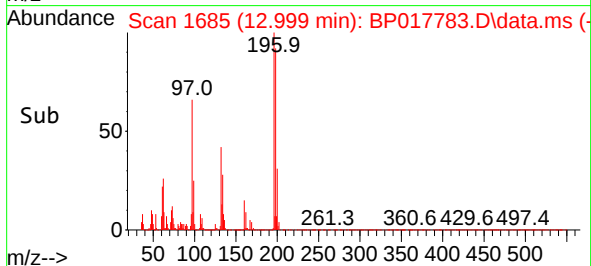
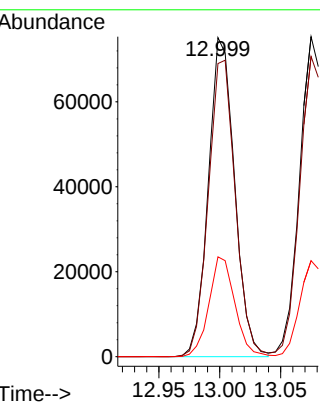
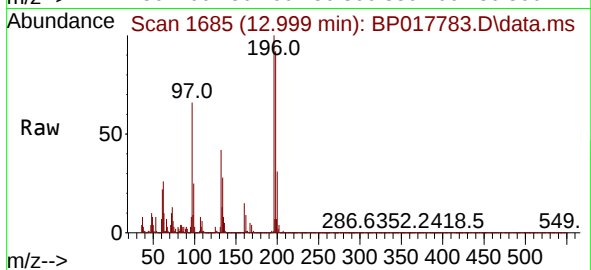
200 31.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#42

2,4,5-Trichlorophenol

Concen: 28.387 ng/ul

RT: 13.075 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

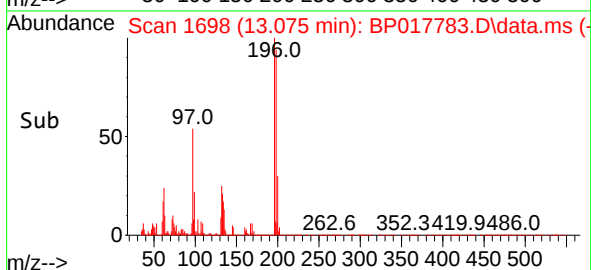
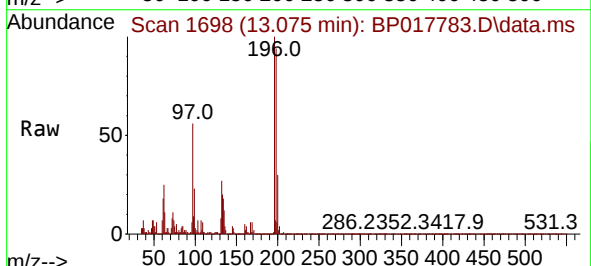
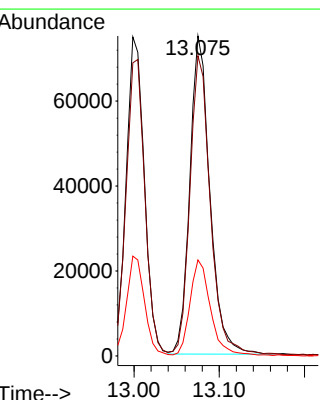
Tgt Ion:196 Resp: 122749

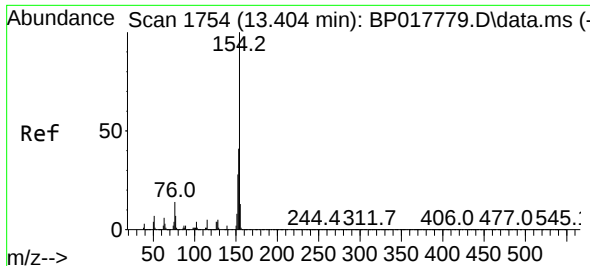
Ion Ratio Lower Upper

196 100

198 93.8 76.0 114.0

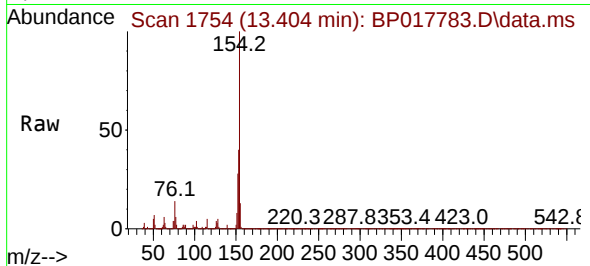
200 30.0 24.3 36.5





#43  
1,1'-Biphenyl  
Concen: 28.030 ng/ul  
RT: 13.404 min Scan# 1754  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

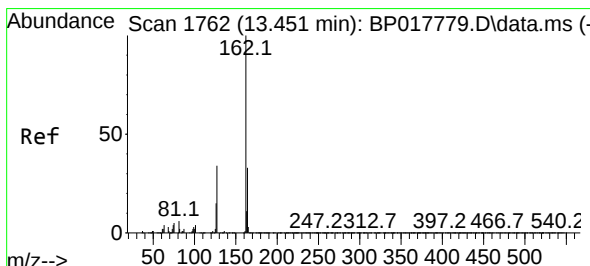
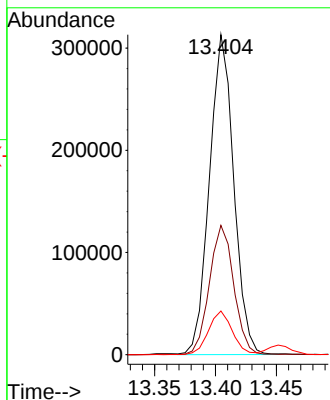
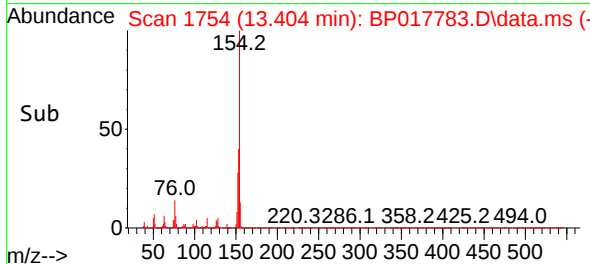
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



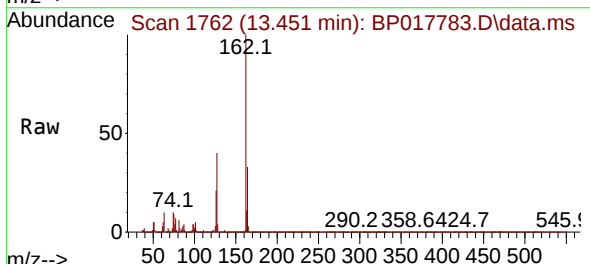
Tgt Ion:154 Resp: 434917  
Ion Ratio Lower Upper  
154 100  
153 40.4 32.6 49.0  
76 13.6 9.8 14.8

Manual Integrations  
APPROVED

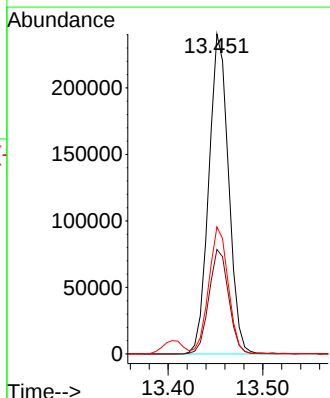
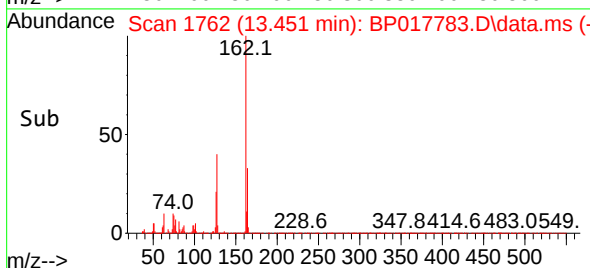
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

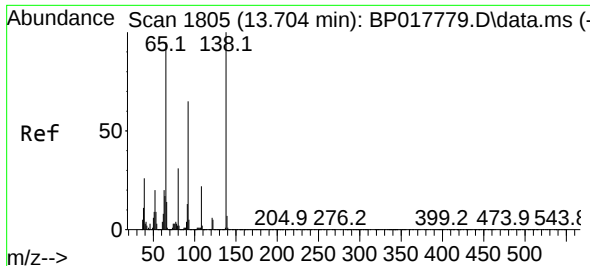


#44  
2-Chloronaphthalene  
Concen: 27.822 ng/ul  
RT: 13.451 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



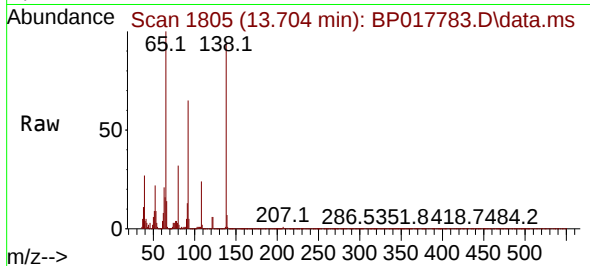
Tgt Ion:162 Resp: 348970  
Ion Ratio Lower Upper  
162 100  
164 32.7 25.9 38.9  
127 39.7 29.9 44.9





#45  
2-Nitroaniline  
Concen: 34.200 ng/ul  
RT: 13.704 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

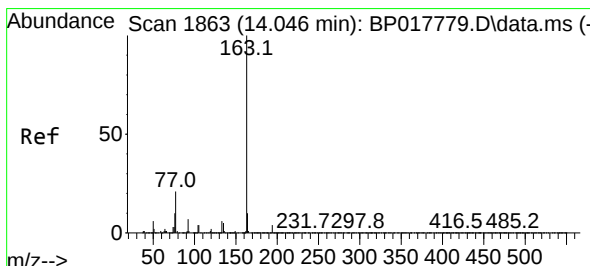
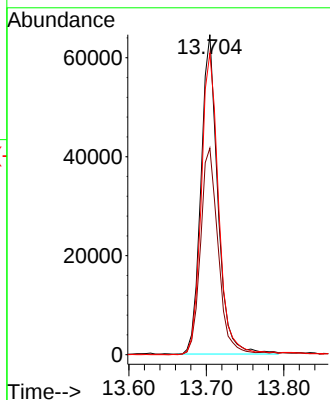
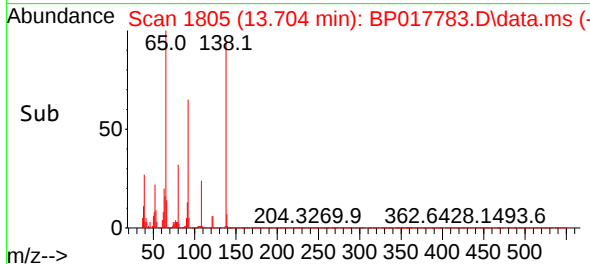
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion: 65 Resp: 97479  
Ion Ratio Lower Upper  
65 100  
92 64.5 56.2 84.4  
138 94.3 85.9 128.9

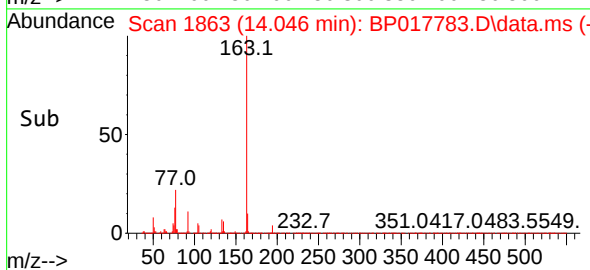
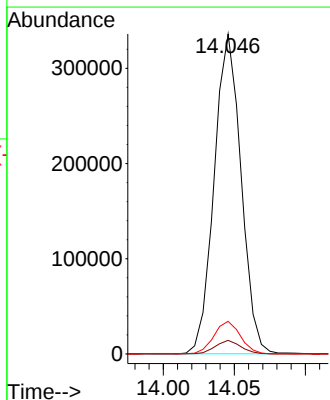
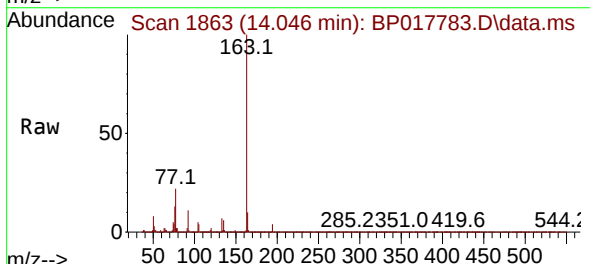
Manual Integrations  
APPROVED

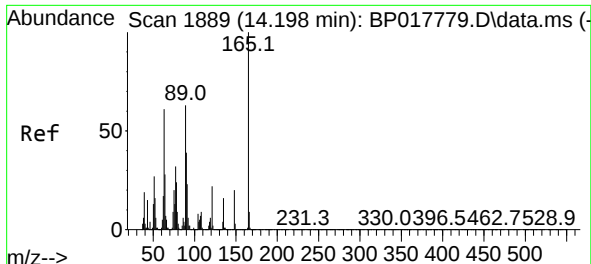
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#47  
Dimethylphthalate  
Concen: 28.340 ng/ul  
RT: 14.046 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:163 Resp: 441600  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.2 8.2 12.4





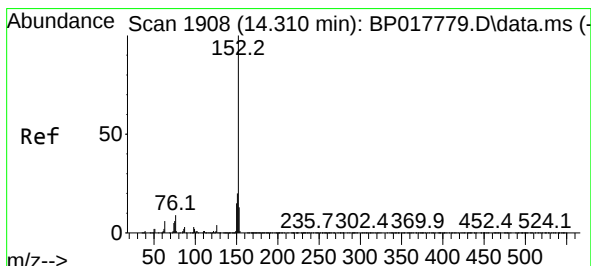
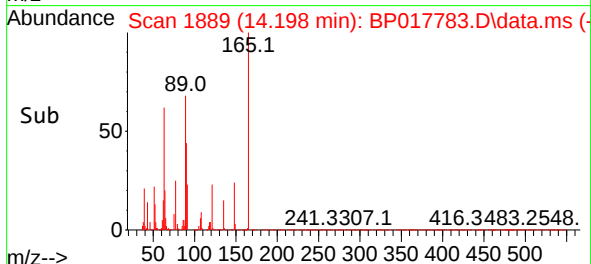
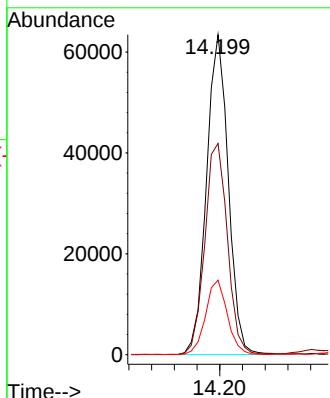
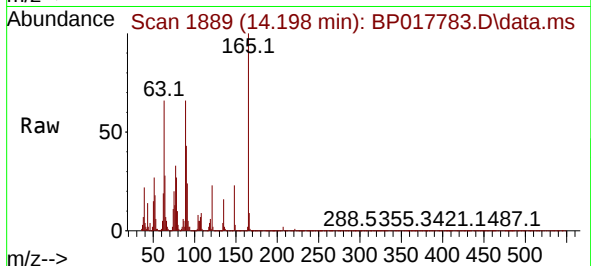
#48  
2,6-Dinitrotoluene  
Concen: 29.427 ng/ul  
RT: 14.198 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:165 Resp: 84398  
Ion Ratio Lower Upper  
165 100  
89 66.0 48.0 72.0  
121 23.3 16.6 24.8

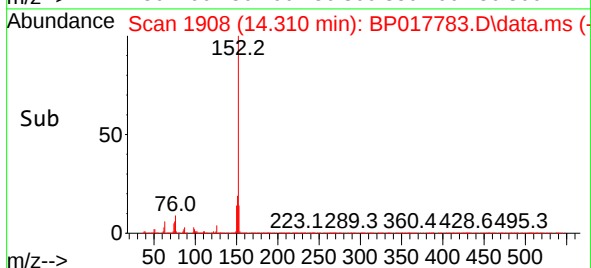
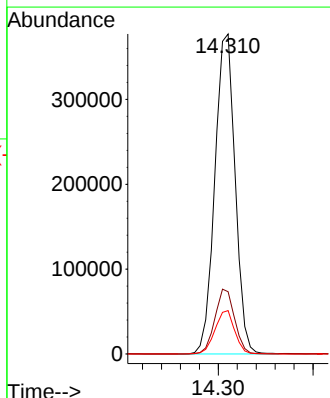
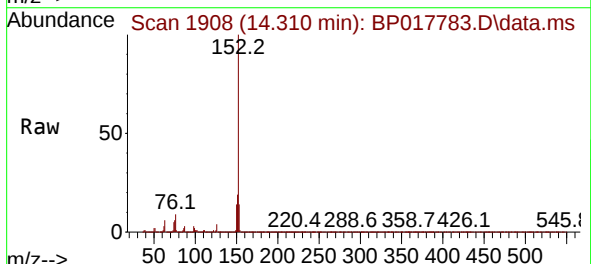
Manual Integrations  
APPROVED

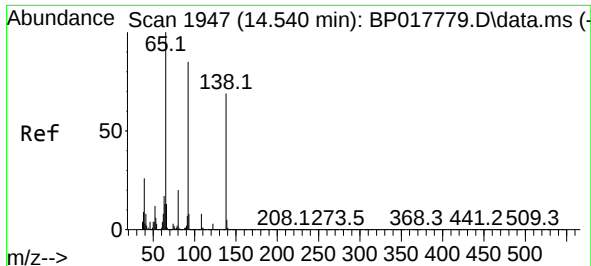
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#50  
Acenaphthylene  
Concen: 28.432 ng/ul  
RT: 14.310 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:152 Resp: 561541  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 13.6 10.8 16.2





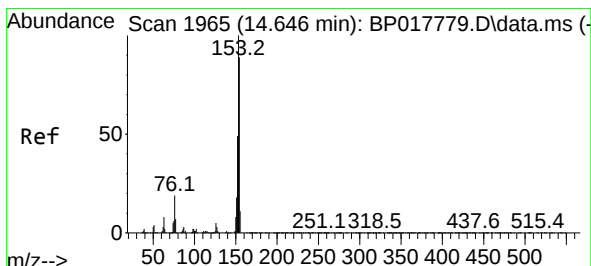
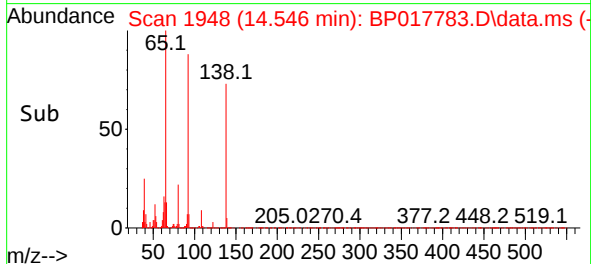
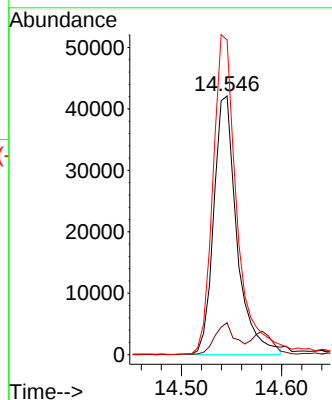
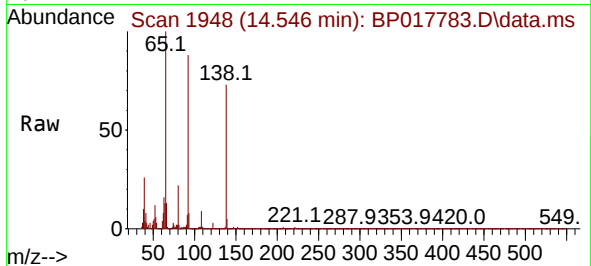
#51  
3-Nitroaniline  
Concen: 24.805 ng/ul  
RT: 14.546 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:138 Resp: 67662  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.3 13.9  
92 121.7 95.2 142.8

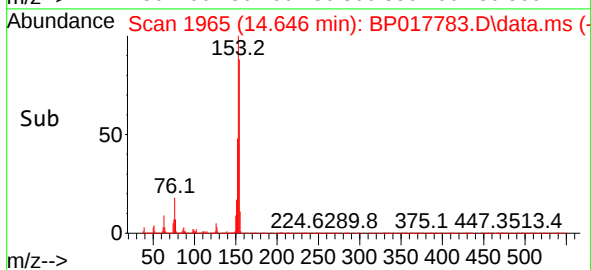
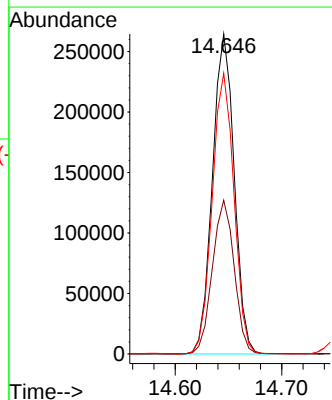
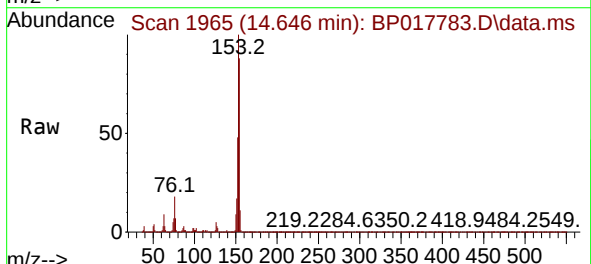
Manual Integrations  
APPROVED

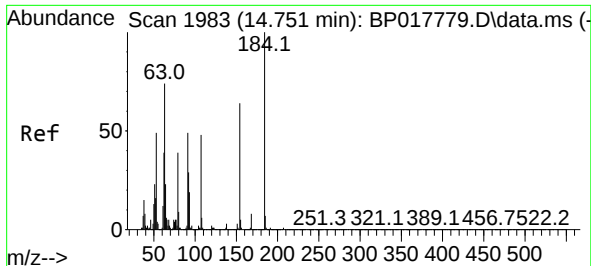
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#52  
Acenaphthene  
Concen: 28.059 ng/ul  
RT: 14.646 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:153 Resp: 374629  
Ion Ratio Lower Upper  
153 100  
152 48.1 37.6 56.4  
154 87.7 70.0 105.0





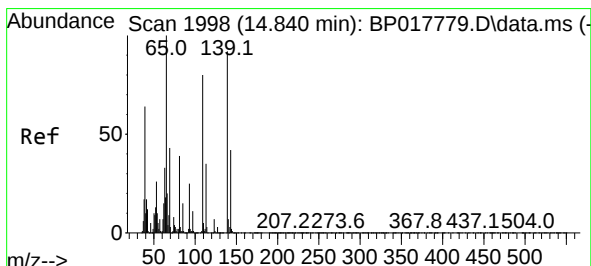
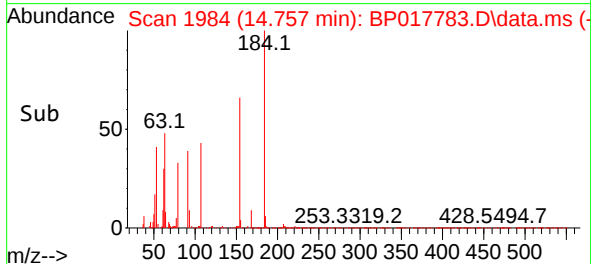
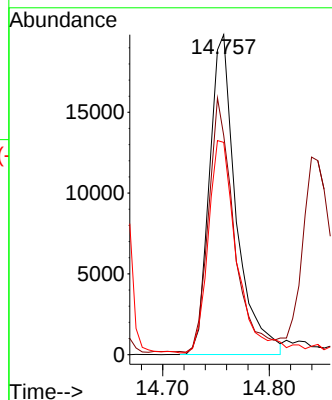
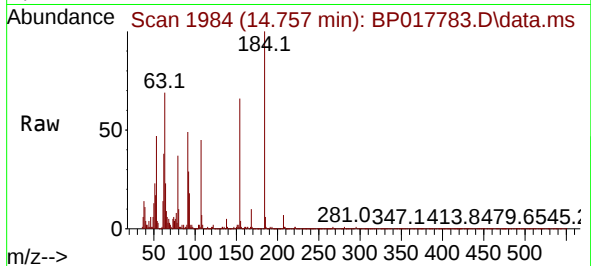
#53  
2,4-Dinitrophenol  
Concen: 21.442 ng/ul  
RT: 14.757 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS

Tgt Ion:184 Resp: 3452  
Ion Ratio Lower Upper  
184 100  
63 68.5 50.6 76.0  
154 66.4 47.9 71.9

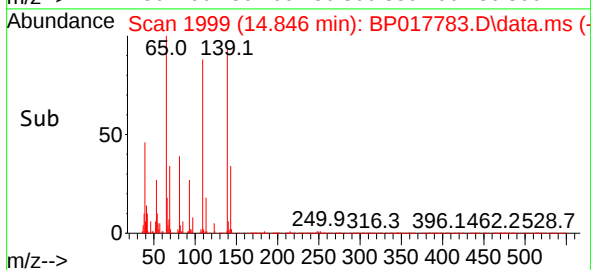
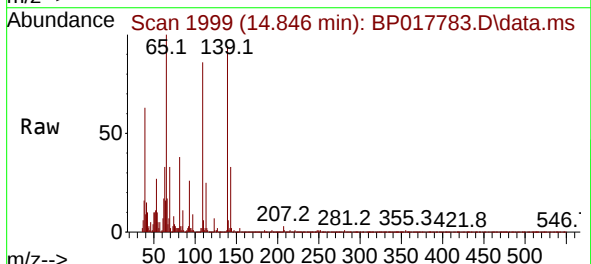
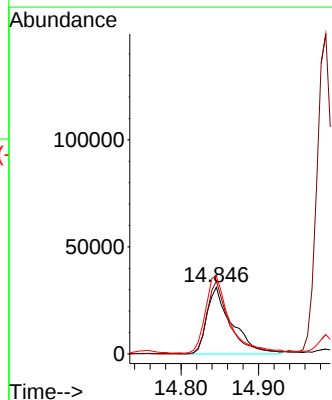
Manual Integrations  
APPROVED

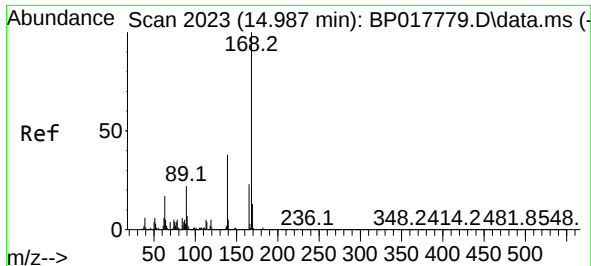
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#55  
4-Nitrophenol  
Concen: 29.304 ng/ul  
RT: 14.846 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

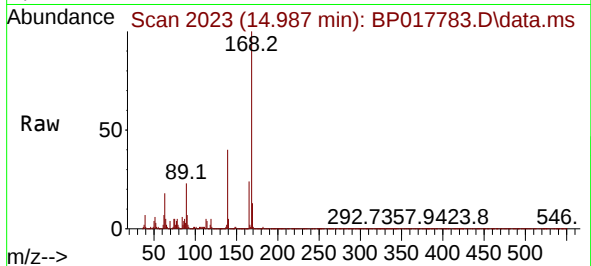
Tgt Ion:109 Resp: 69882  
Ion Ratio Lower Upper  
109 100  
139 109.5 92.9 139.3  
65 116.8 94.5 141.7





#56  
Dibenzenofuran  
Concen: 27.879 ng/ul  
RT: 14.987 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

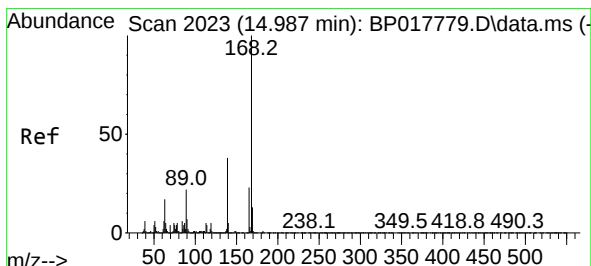
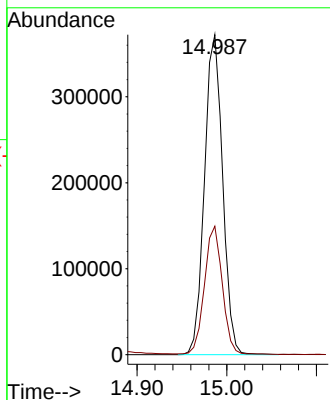
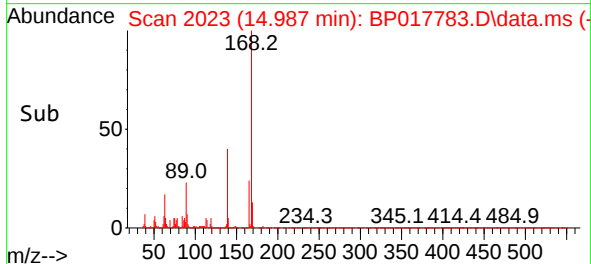
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



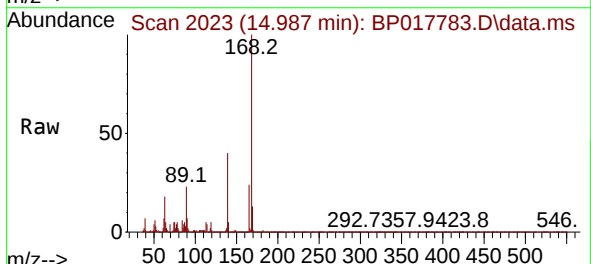
Tgt Ion:168 Resp: 522600  
Ion Ratio Lower Upper  
168 100  
139 40.1 28.6 43.0

Manual Integrations  
APPROVED

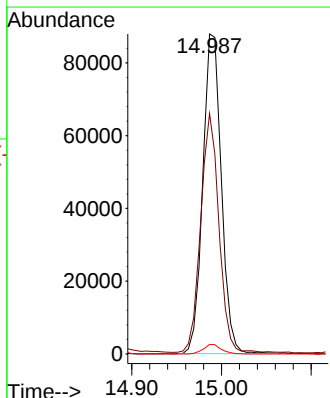
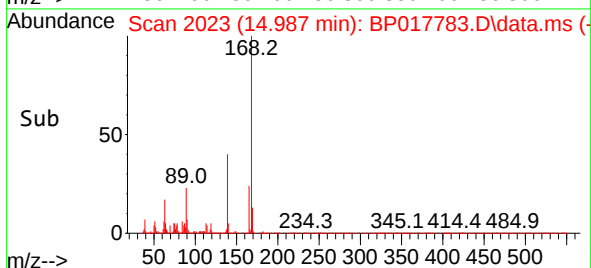
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

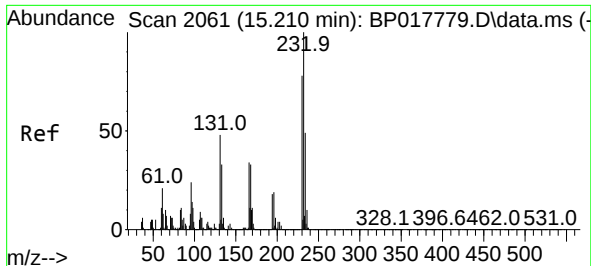


#57  
2,4-Dinitrotoluene  
Concen: 29.844 ng/ul  
RT: 14.987 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



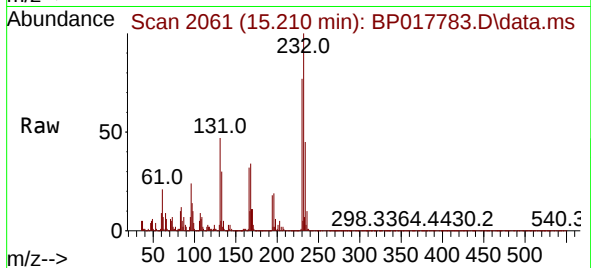
Tgt Ion:165 Resp: 126327  
Ion Ratio Lower Upper  
165 100  
63 75.1 51.1 76.7  
182 3.0 2.7 4.1





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 26.762 ng/ul  
RT: 15.210 min Scan# 2061  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

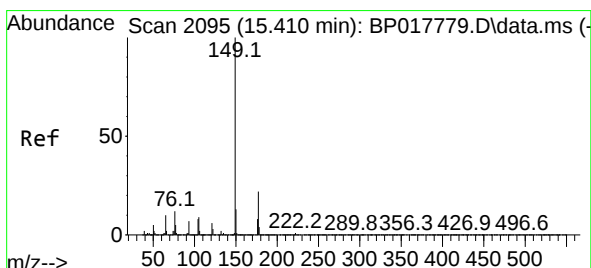
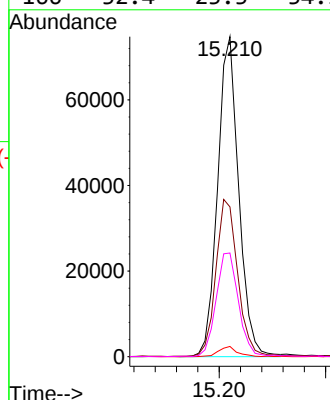
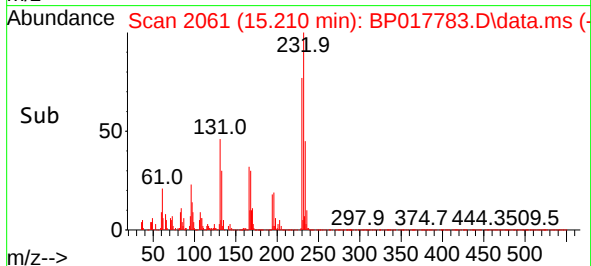
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



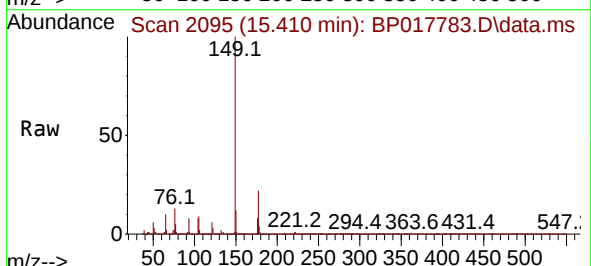
Tgt Ion:232 Resp: 102691  
Ion Ratio Lower Upper  
232 100  
131 46.8 32.9 49.3  
130 3.2 1.8 2.8  
166 32.4 23.3 34.9

Manual Integrations  
APPROVED

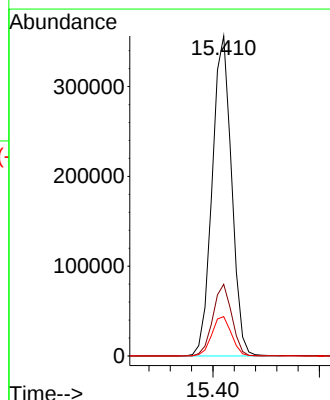
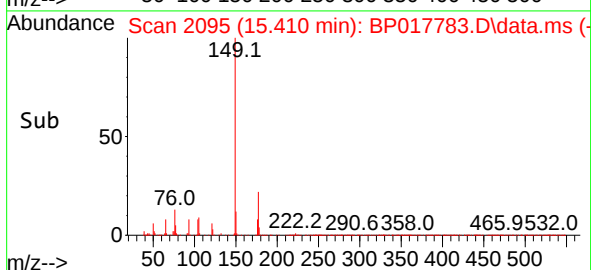
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

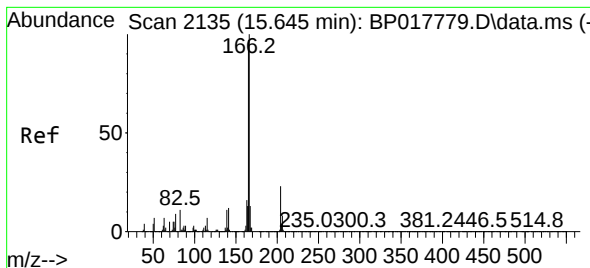


#59  
Diethylphthalate  
Concen: 29.904 ng/ul  
RT: 15.410 min Scan# 2095  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



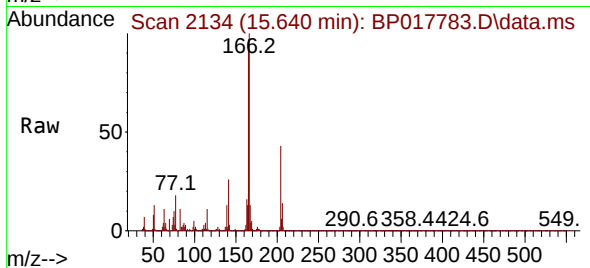
Tgt Ion:149 Resp: 449899  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.0 27.0  
150 12.3 10.2 15.4





#61  
Fluorene  
Concen: 27.739 ng/ul  
RT: 15.640 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

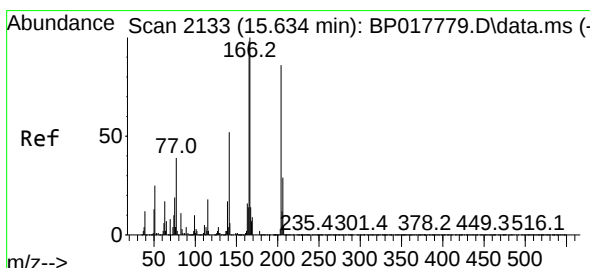
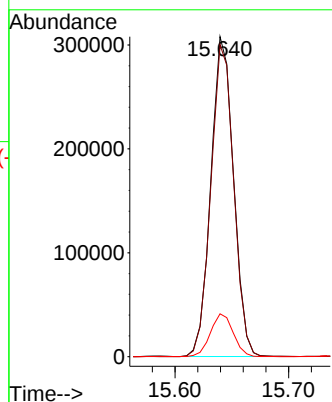
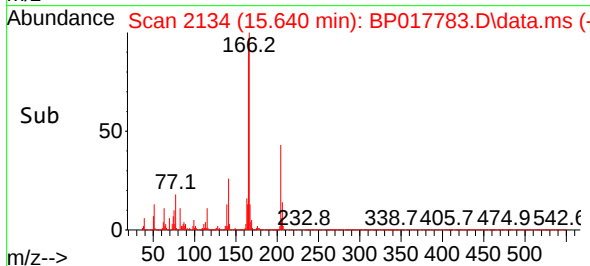
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



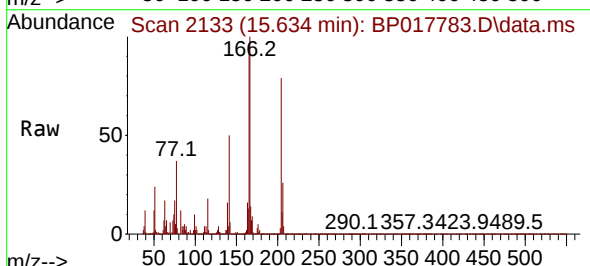
Tgt Ion:166 Resp: 42712  
Ion Ratio Lower Upper  
166 100  
165 97.5 77.4 116.0  
167 13.4 10.9 16.3

Manual Integrations  
APPROVED

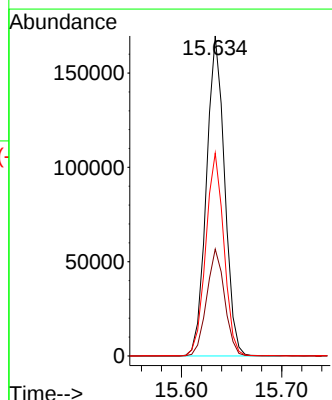
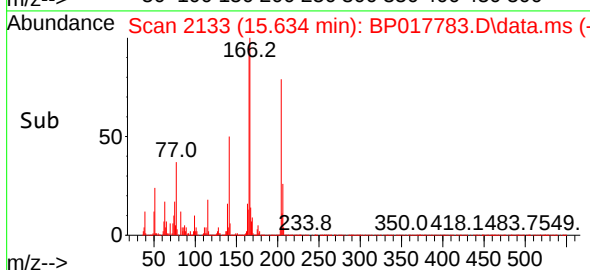
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

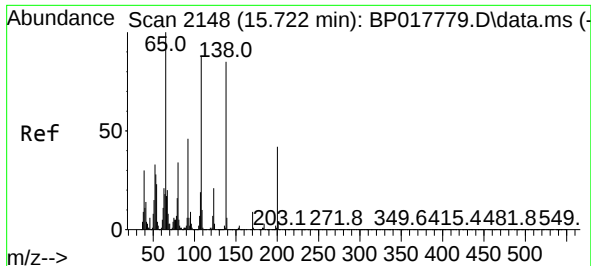


#62  
4-Chlorophenyl-phenylether  
Concen: 26.164 ng/ul  
RT: 15.634 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



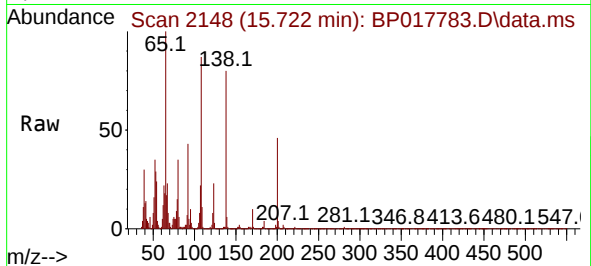
Tgt Ion:204 Resp: 214128  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.2 39.4  
141 63.4 42.9 64.3





#63  
4-Nitroaniline  
Concen: 28.152 ng/ul  
RT: 15.722 min Scan# 2148  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

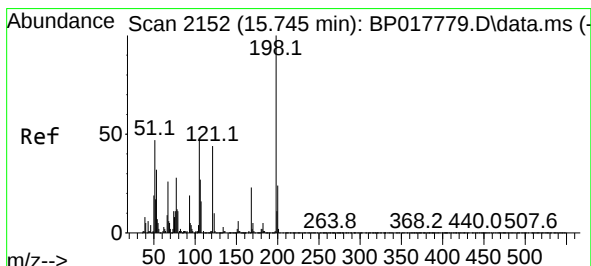
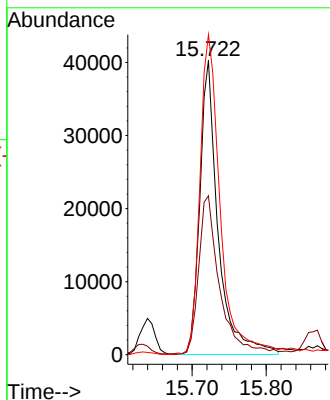
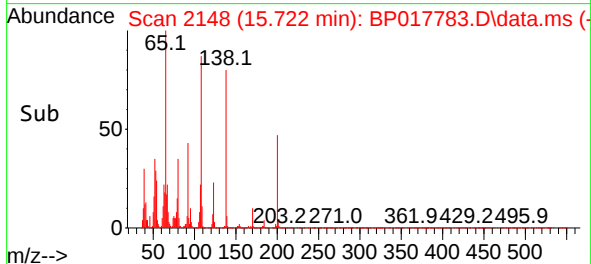
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:138 Resp: 6926  
Ion Ratio Lower Upper  
138 100  
92 54.0 43.0 64.6  
108 108.8 82.7 124.1

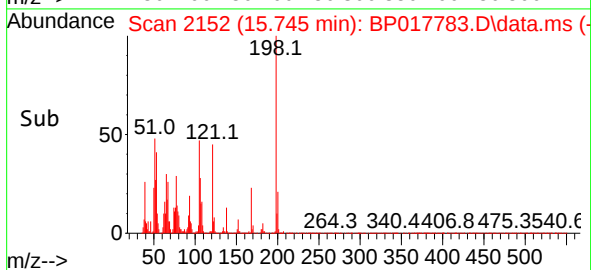
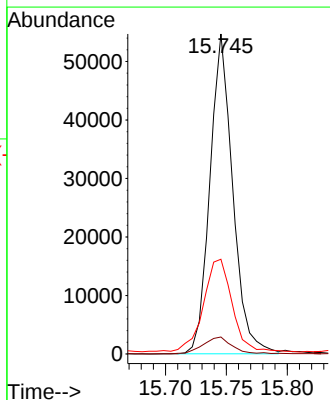
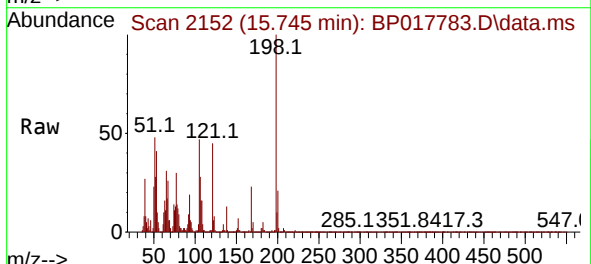
Manual Integrations  
APPROVED

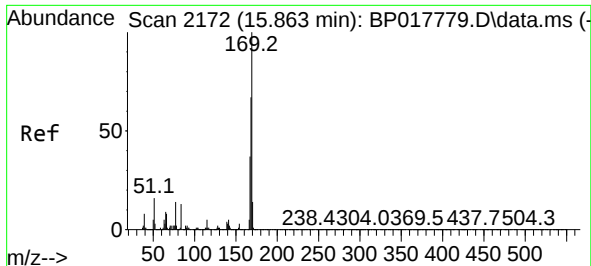
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#66  
4,6-Dinitro-2-methylphenol  
Concen: 25.655 ng/ul  
RT: 15.745 min Scan# 2152  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

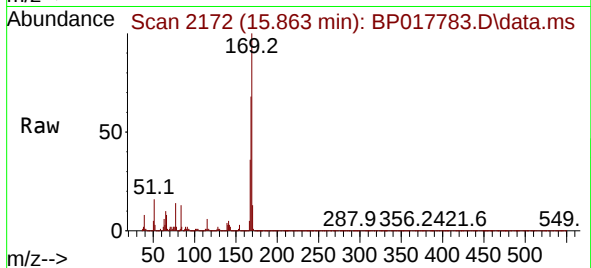
Tgt Ion:198 Resp: 71468  
Ion Ratio Lower Upper  
198 100  
182 5.3 3.9 5.9  
77 29.6 19.8 29.8





#67  
N-Nitrosodiphenylamine  
Concen: 29.627 ng/ul  
RT: 15.863 min Scan# 2172  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

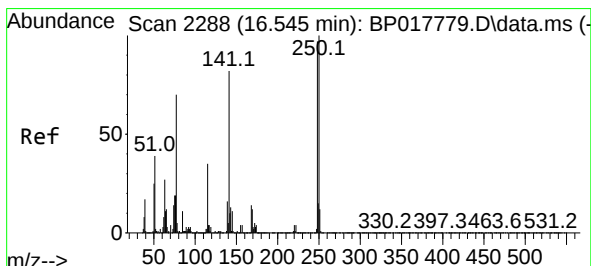
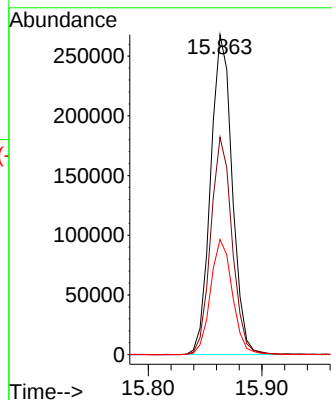
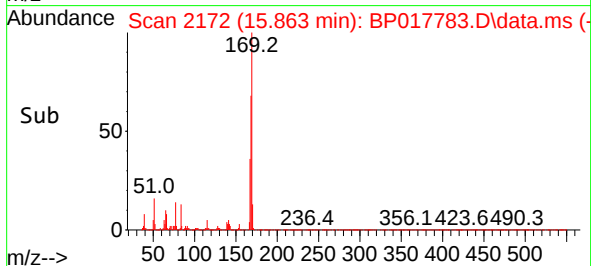
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



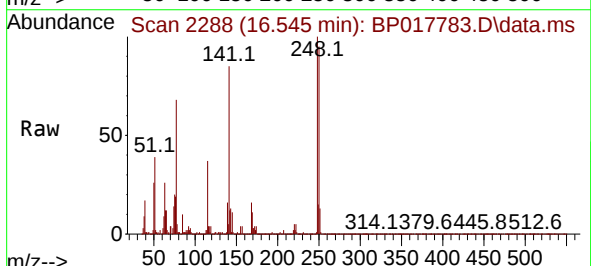
Tgt Ion:169 Resp: 354400  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.7 80.5  
167 36.0 29.4 44.0

Manual Integrations  
APPROVED

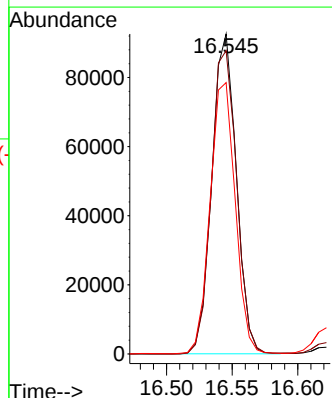
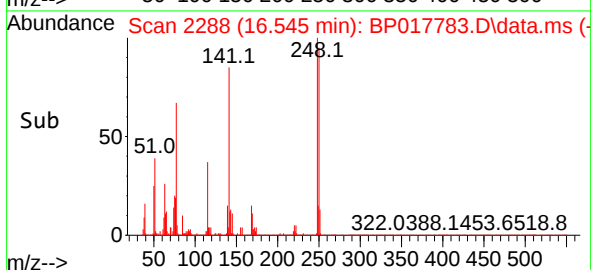
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

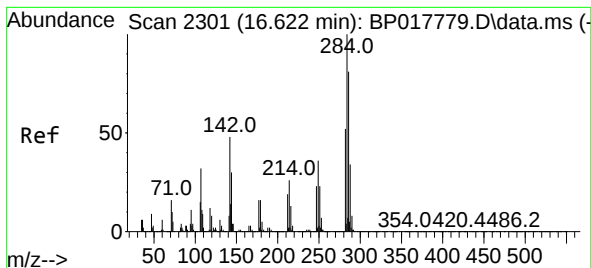


#68  
4-Bromophenyl-phenylether  
Concen: 25.954 ng/ul  
RT: 16.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



Tgt Ion:248 Resp: 119905  
Ion Ratio Lower Upper  
248 100  
250 94.8 76.8 115.2  
141 84.8 52.4 78.6#





#69

Hexachlorobenzene

Concen: 25.139 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

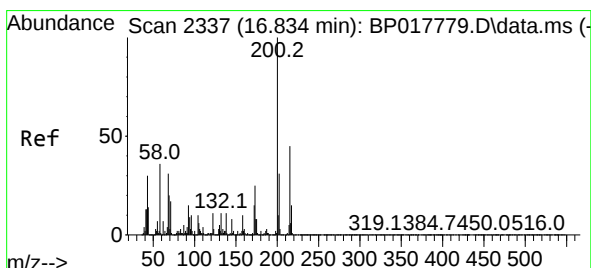
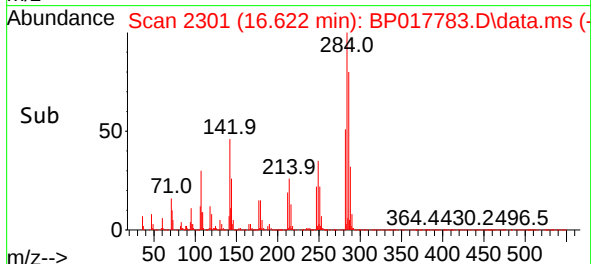
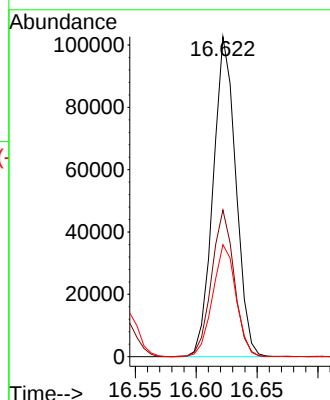
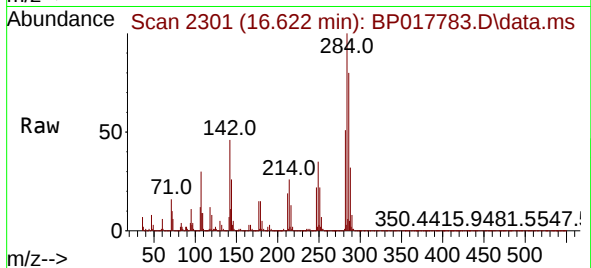
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 13333     |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 45.9  | 27.6 41.4 |
| 249         | 35.0  | 24.5 36.7 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Atrazine

Concen: 27.011 ng/ul

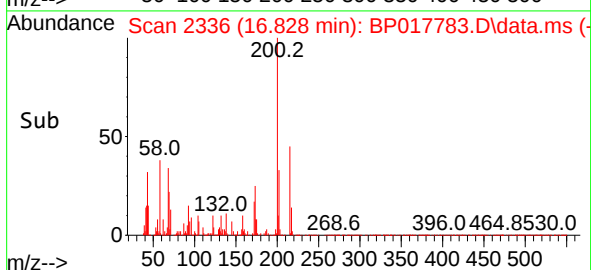
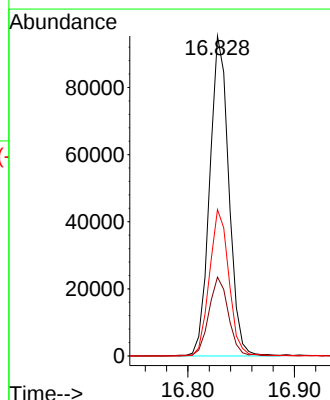
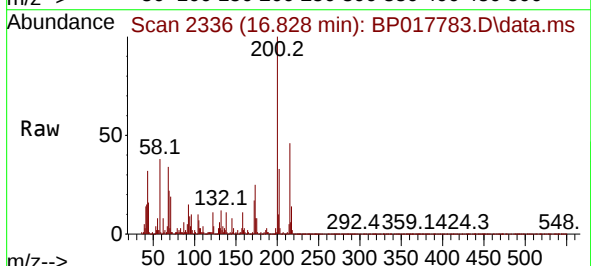
RT: 16.828 min Scan# 2336

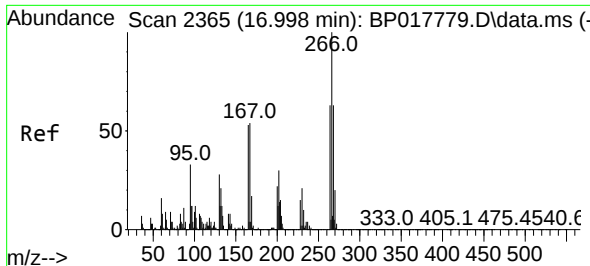
Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:200 | Resp: | 118753    |
| Ion Ratio   | Lower | Upper     |
| 200         | 100   |           |
| 173         | 24.6  | 19.8 29.6 |
| 215         | 45.8  | 38.5 57.7 |





#71  
Pentachlorophenol  
Concen: 28.201 ng/ul  
RT: 16.998 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

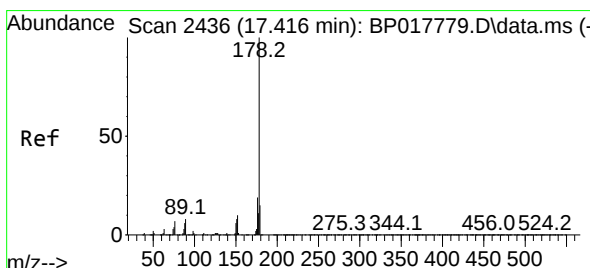
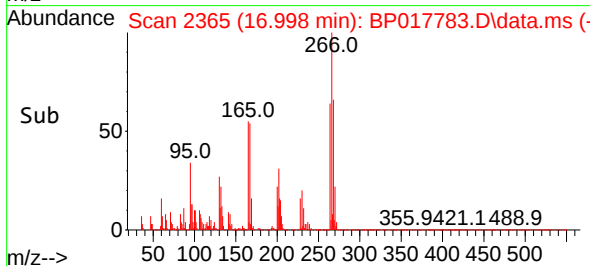
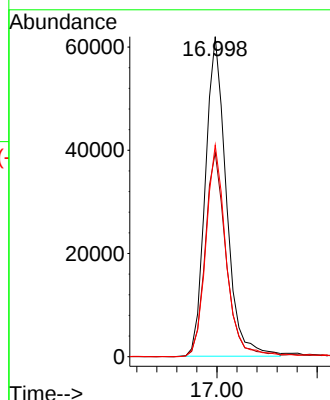
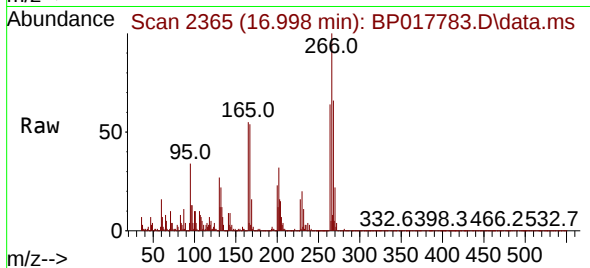
GCD09MS

Tgt Ion:266 Resp: 89924  
Ion Ratio Lower Upper  
266 100  
264 63.8 49.4 74.2  
268 66.1 50.3 75.5

Manual Integrations

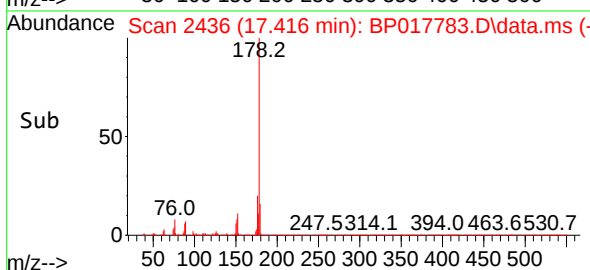
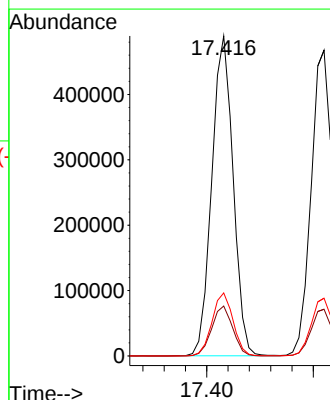
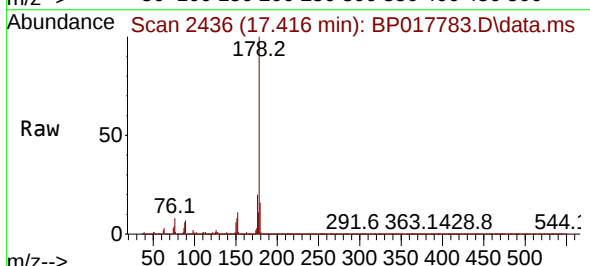
APPROVED

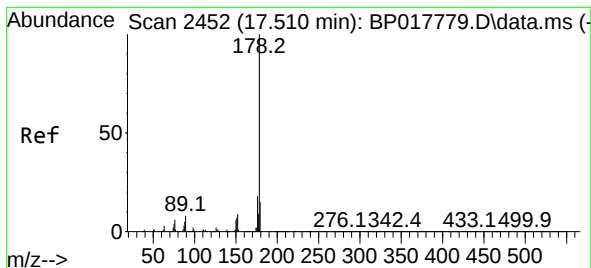
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#72  
Phenanthrene  
Concen: 29.337 ng/ul  
RT: 17.416 min Scan# 2436  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:178 Resp: 678580  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.2 18.2  
176 19.7 15.3 22.9





#74

Anthracene

Concen: 28.171 ng/uI

RT: 17.510 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

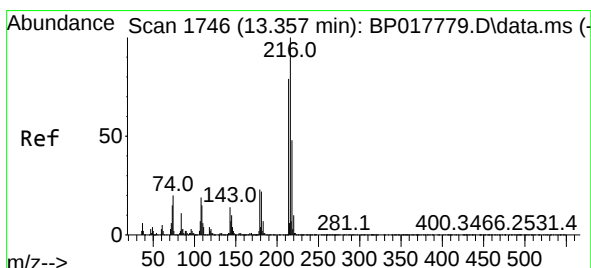
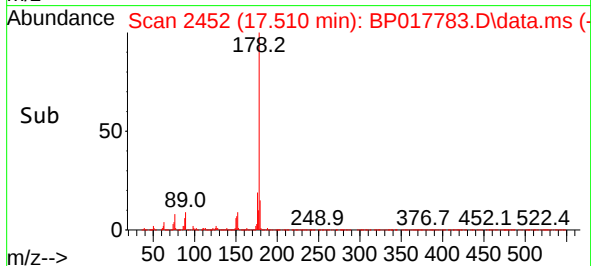
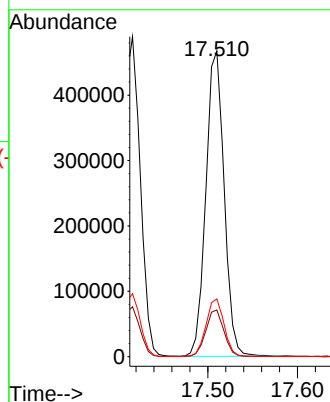
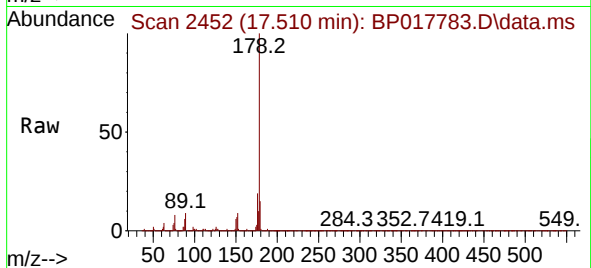
|             |             |
|-------------|-------------|
| Tgt Ion:178 | Resp: 65997 |
| Ion Ratio   | Lower Upper |
| 178 100     |             |
| 179 15.3    | 12.0 18.0   |
| 176 18.9    | 14.8 22.2   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.085 ng/uI

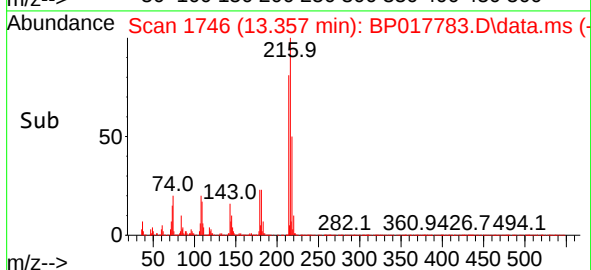
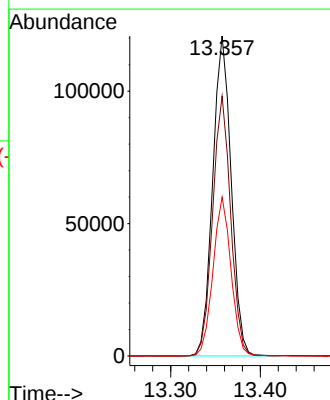
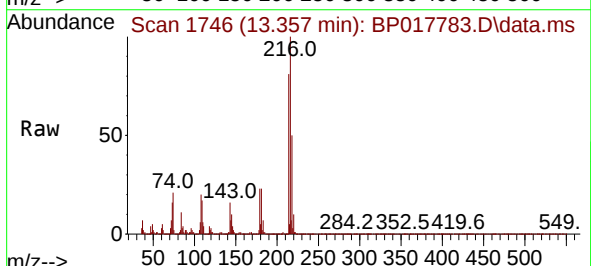
RT: 13.357 min Scan# 1746

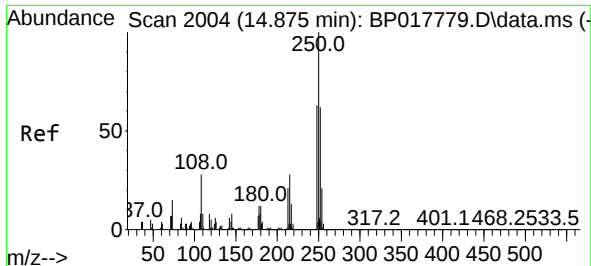
Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

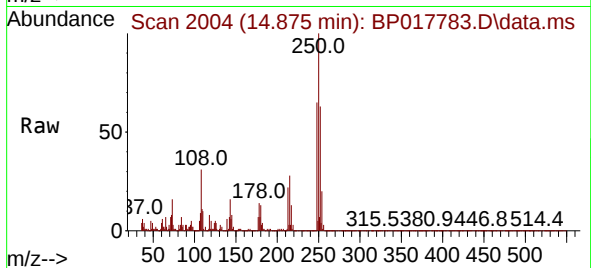
|             |              |
|-------------|--------------|
| Tgt Ion:216 | Resp: 172816 |
| Ion Ratio   | Lower Upper  |
| 216 100     |              |
| 214 81.2    | 60.7 91.1    |
| 218 49.6    | 38.2 57.4    |





#76  
Pentachlorobenzene  
Concen: 24.273 ng/uL  
RT: 14.875 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

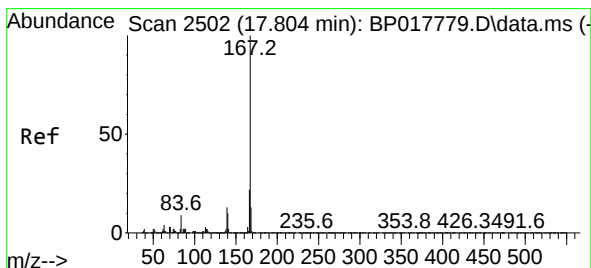
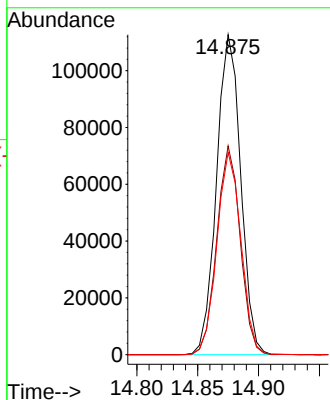
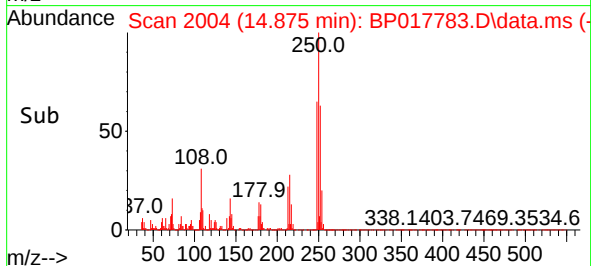
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:250 Resp: 155854  
Ion Ratio Lower Upper  
250 100  
248 65.2 50.2 75.4  
252 63.2 49.6 74.4

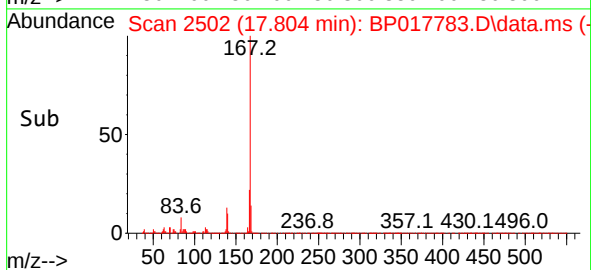
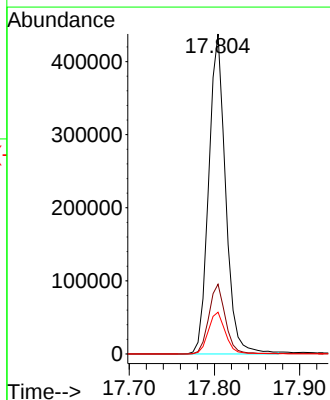
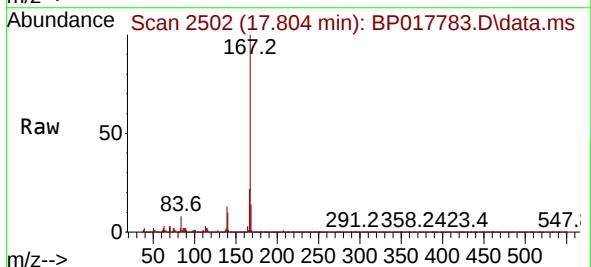
Manual Integrations  
APPROVED

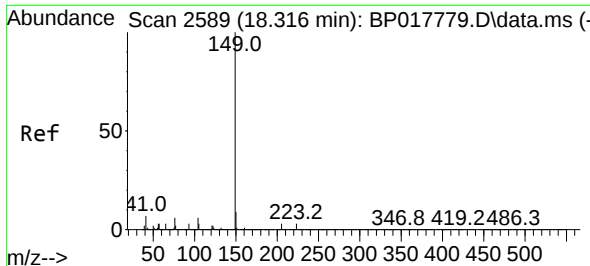
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#77  
Carbazole  
Concen: 30.454 ng/uL  
RT: 17.804 min Scan# 2502  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

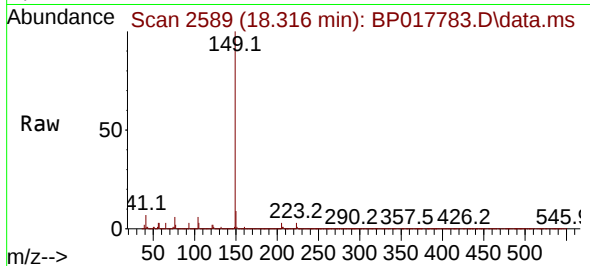
Tgt Ion:167 Resp: 602983  
Ion Ratio Lower Upper  
167 100  
166 21.8 16.7 25.1  
139 13.0 9.8 14.6





#78  
Di-n-butylphthalate  
Concen: 34.657 ng/ul  
RT: 18.316 min Scan# 2589  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

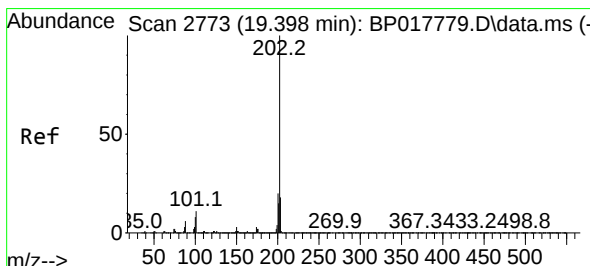
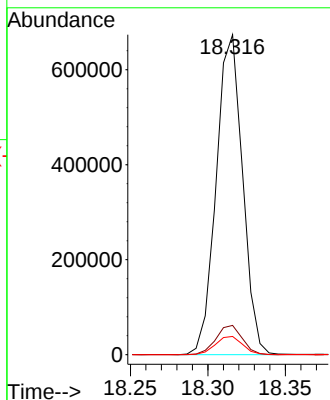
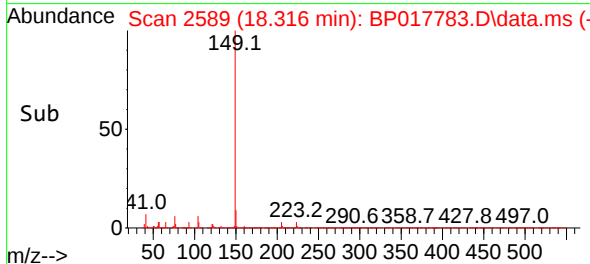
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:149 Resp: 79665  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.2 10.8  
104 5.7 4.3 6.5

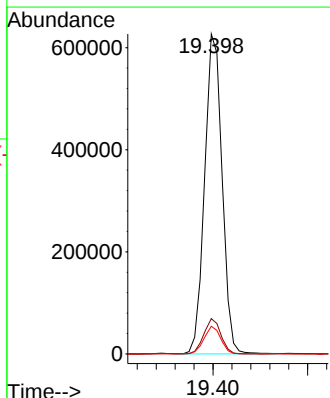
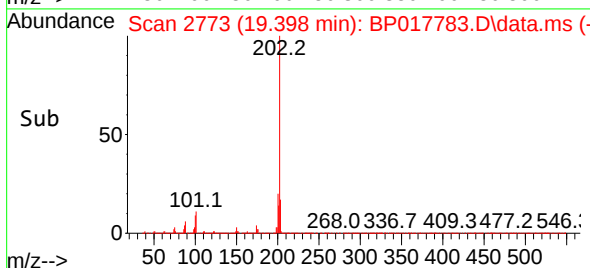
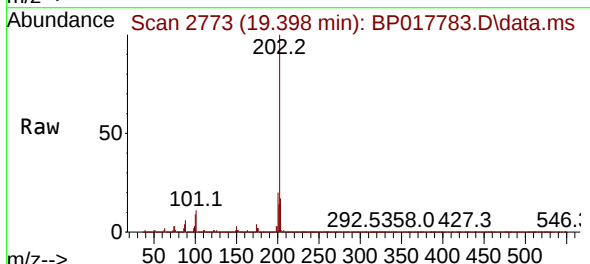
Manual Integrations  
APPROVED

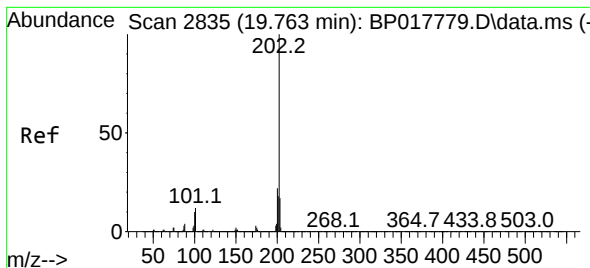
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#80  
Fluoranthene  
Concen: 32.476 ng/ul  
RT: 19.398 min Scan# 2773  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:202 Resp: 799805  
Ion Ratio Lower Upper  
202 100  
101 11.1 7.1 10.7#  
100 8.7 5.7 8.5#





#82

Pyrene

Concen: 32.037 ng/u1

RT: 19.763 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNP\_P

ClientSampleId :

GCD09MS

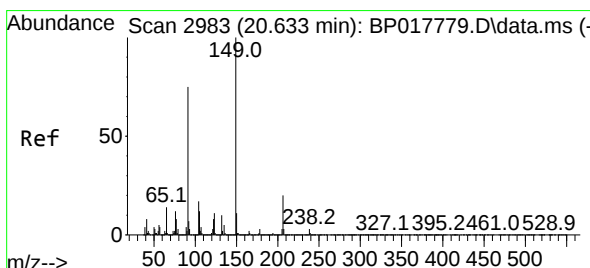
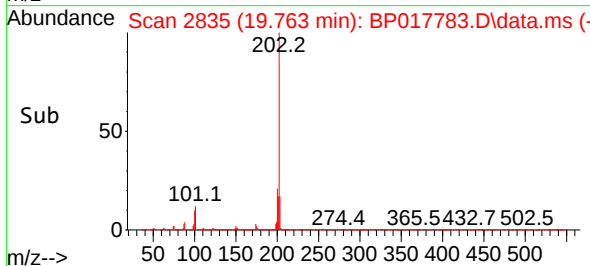
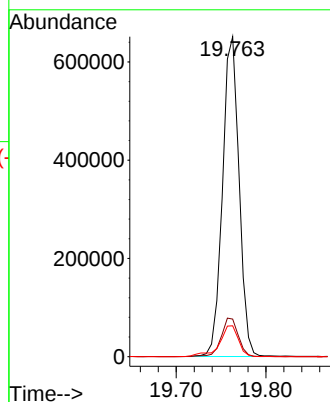
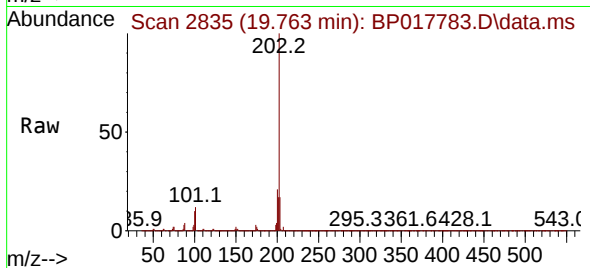
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 83589 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 11.7  | 8.3   | 12.5  |
| 100       | 9.7   | 7.4   | 11.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#83

Butylbenzylphthalate

Concen: 40.250 ng/u1

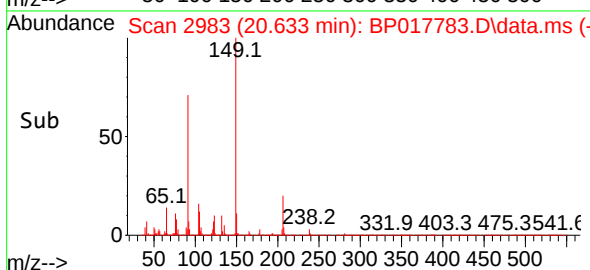
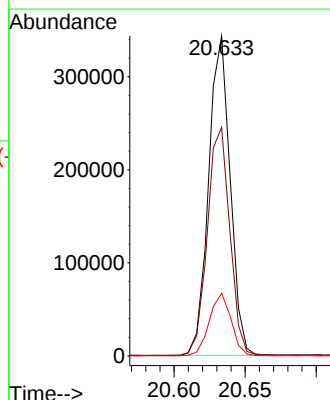
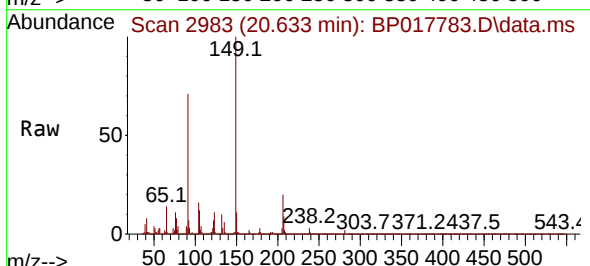
RT: 20.633 min Scan# 2983

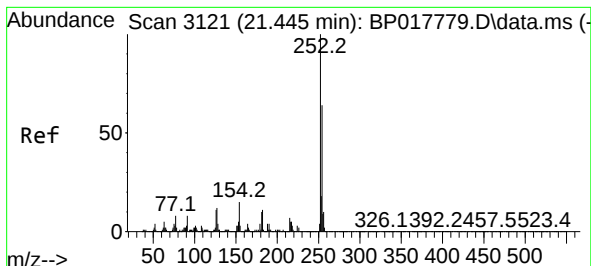
Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 361203 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 71.5  | 58.8  | 88.2   |
| 206       | 19.6  | 17.5  | 26.3   |





#84

3,3'-Dichlorobenzidine

Concen: 17.256 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

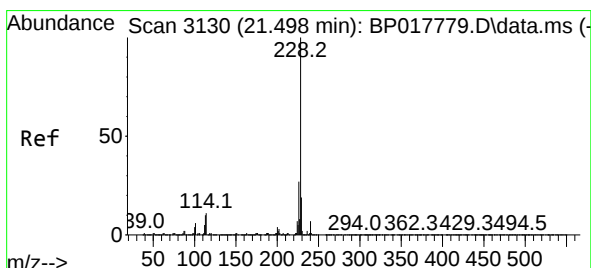
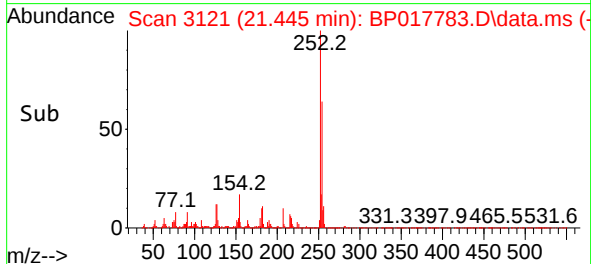
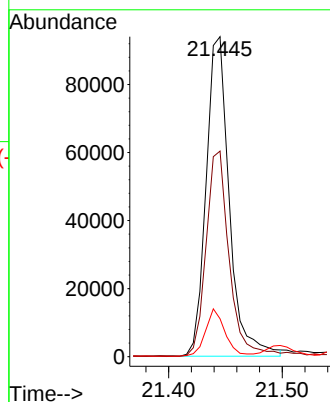
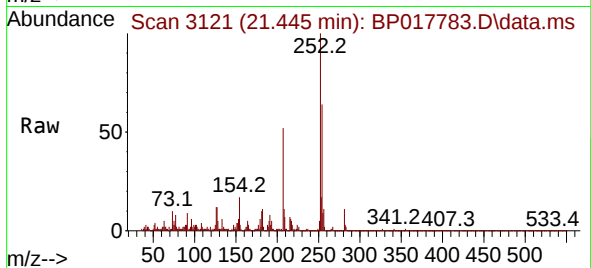
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 133290 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.2  | 51.8  | 77.8   |
| 126       | 11.8  | 7.8   | 11.6   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#85

Benzo(a)anthracene

Concen: 30.488 ng/ul

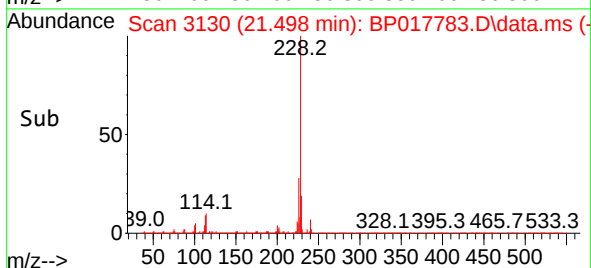
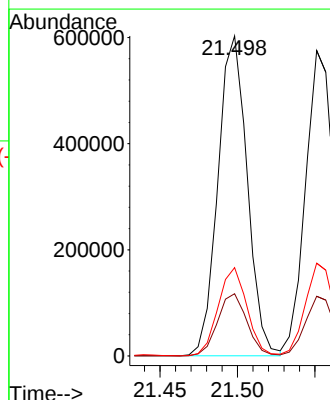
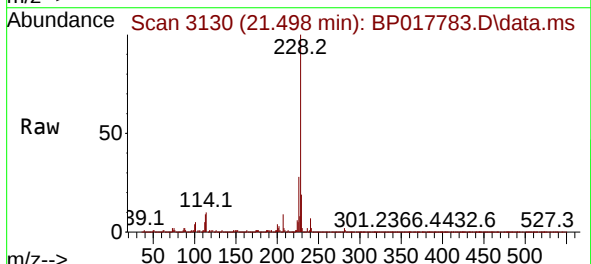
RT: 21.498 min Scan# 3130

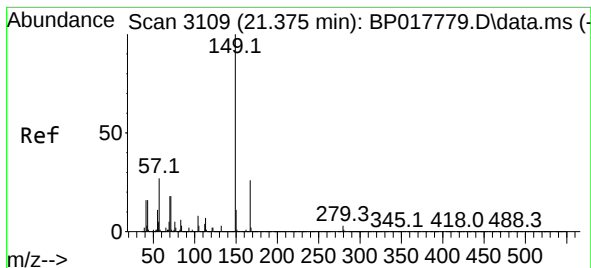
Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

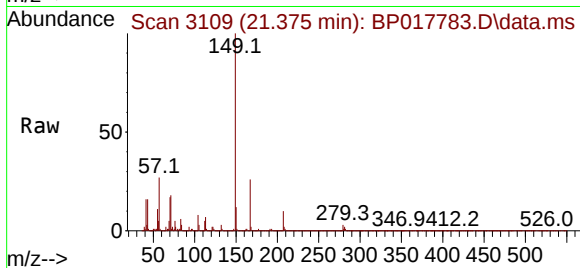
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 792416 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 229       | 19.4  | 15.6  | 23.4   |
| 226       | 27.6  | 21.1  | 31.7   |





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 41.434 ng/ul m  
RT: 21.375 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

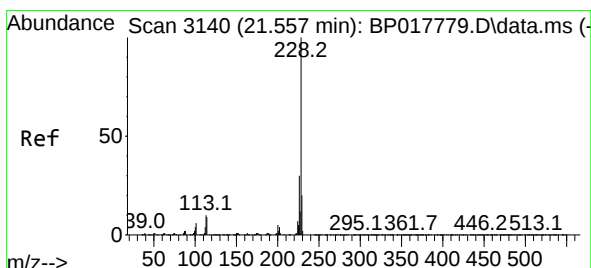
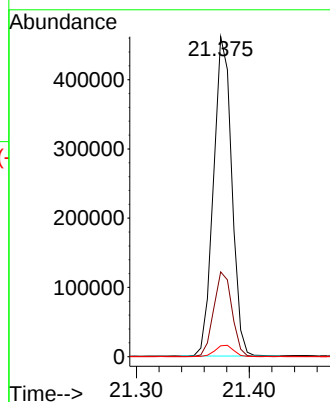
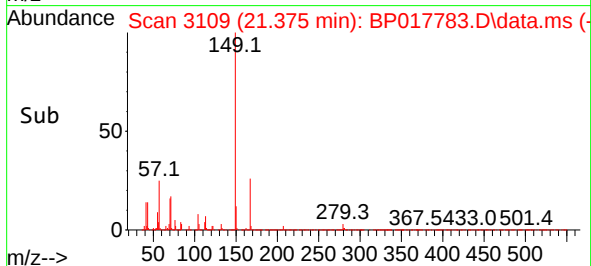
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



Tgt Ion:149 Resp: 519052  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.6 32.4  
279 3.4 3.6 5.4

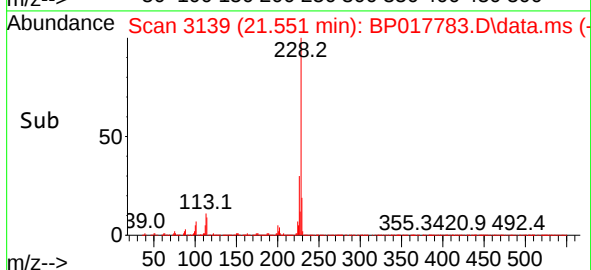
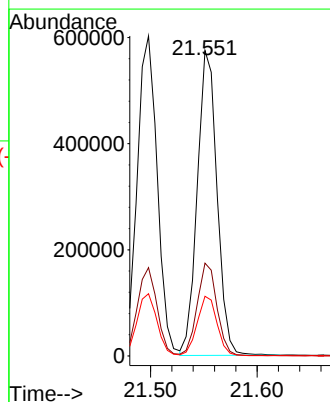
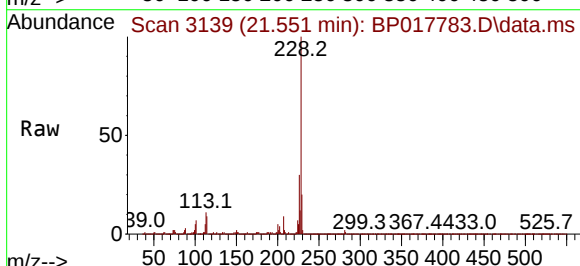
Manual Integrations  
APPROVED

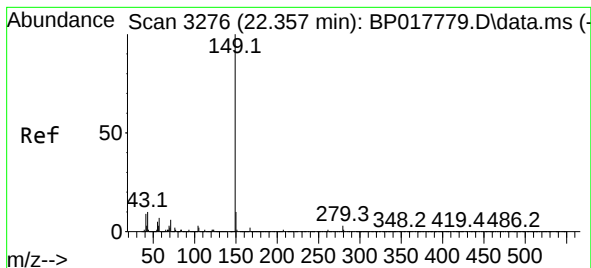
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023



#87  
Chrysene  
Concen: 30.238 ng/ul  
RT: 21.551 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

Tgt Ion:228 Resp: 743202  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.0 36.0  
229 19.5 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 38.446 ng/ul

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

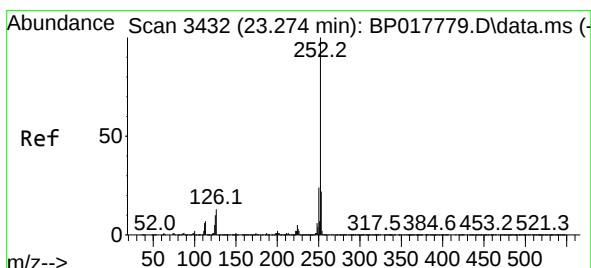
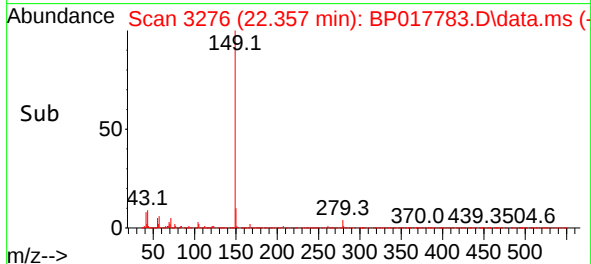
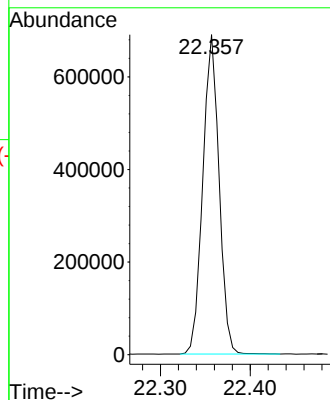
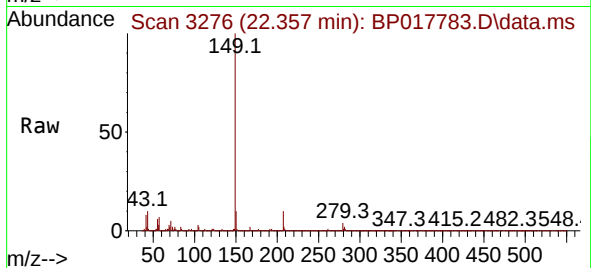
Tgt Ion:149 Resp: 86818

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#90

Benzo(b)fluoranthene

Concen: 30.399 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. 0.000 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

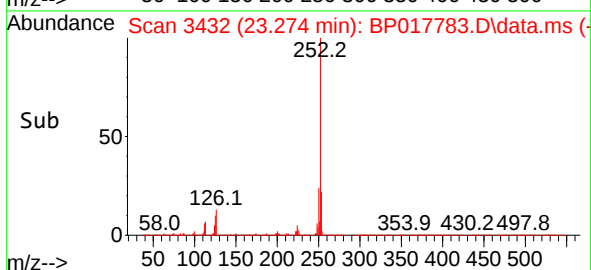
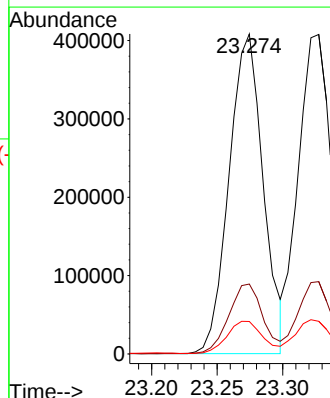
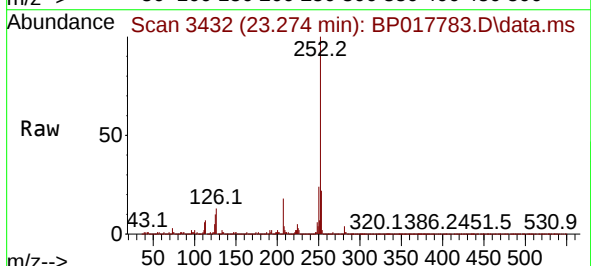
Tgt Ion:252 Resp: 737563

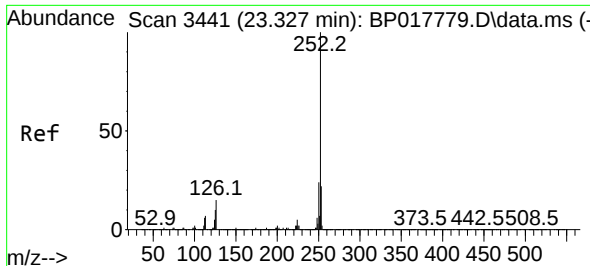
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

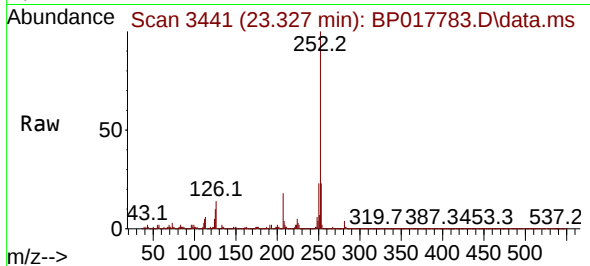
125 10.2 7.1 10.7





#91  
Benzo(k)fluoranthene  
Concen: 29.820 ng/ul  
RT: 23.327 min Scan# 3441  
Delta R.T. 0.000 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16

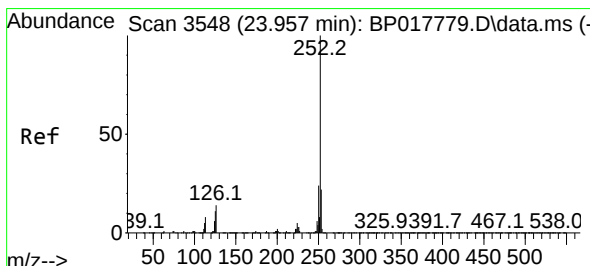
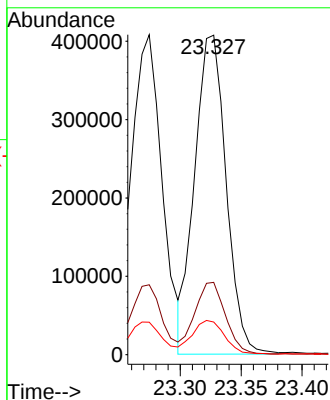
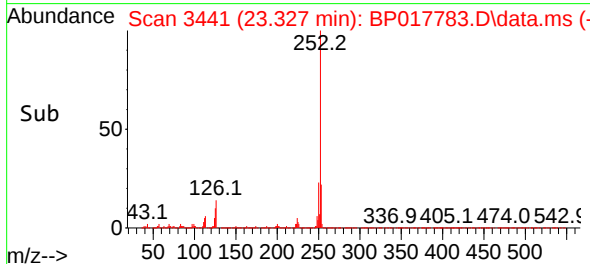
Instrument :  
BNA\_P  
ClientSampleId :  
GCD09MS



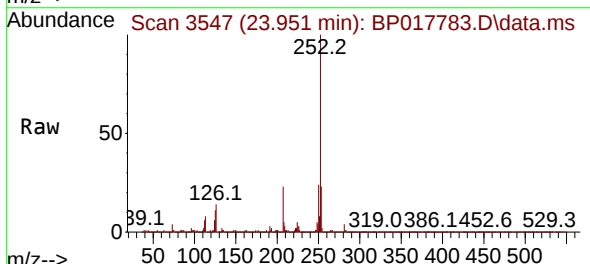
Tgt Ion:252 Resp: 733272  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.5 26.3  
125 10.2 7.0 10.6

Manual Integrations  
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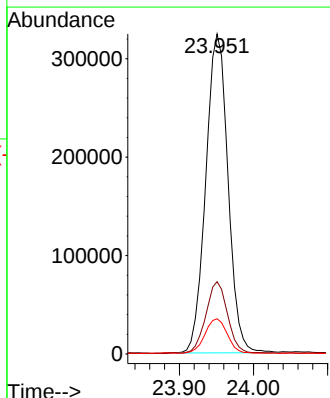
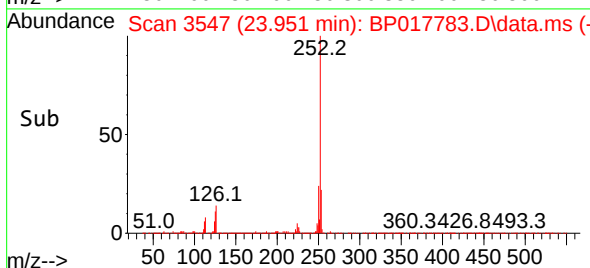
Reviewed By :Yogesh Patel 10/25/2023  
Supervised By :mohammad ahmed 10/26/2023

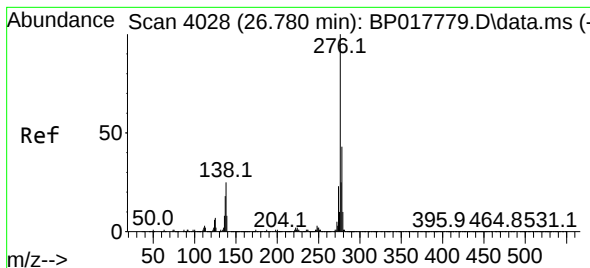


#93  
Benzo(a)pyrene  
Concen: 29.657 ng/ul  
RT: 23.951 min Scan# 3547  
Delta R.T. -0.006 min  
Lab File: BP017783.D  
Acq: 24 Oct 2023 18:16



Tgt Ion:252 Resp: 675528  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.4 26.2  
125 11.0 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.814 ng/ul

RT: 26.774 min Scan# 4028

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

Instrument :

BNA\_P

ClientSampleId :

GCD09MS

Tgt Ion:276 Resp: 782220

Ion Ratio Lower Upper

276 100

138 22.9 15.6 23.4

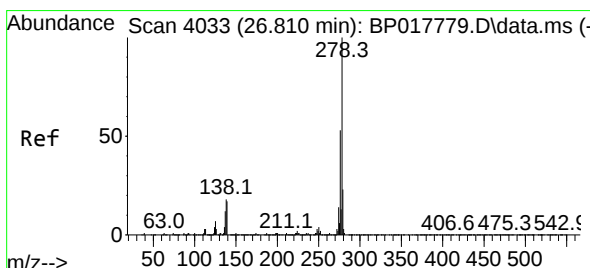
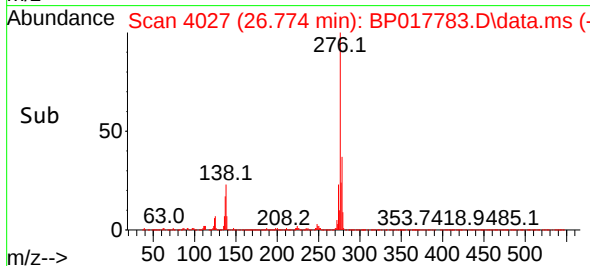
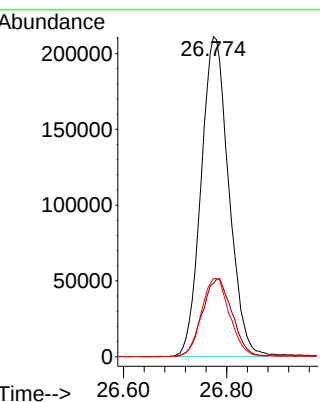
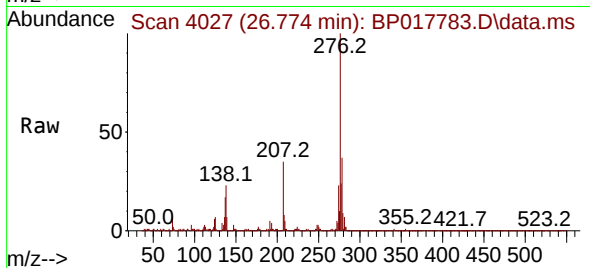
277 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/26/2023



#95

Dibenzo(a,h)anthracene

Concen: 28.666 ng/ul

RT: 26.804 min Scan# 4032

Delta R.T. -0.006 min

Lab File: BP017783.D

Acq: 24 Oct 2023 18:16

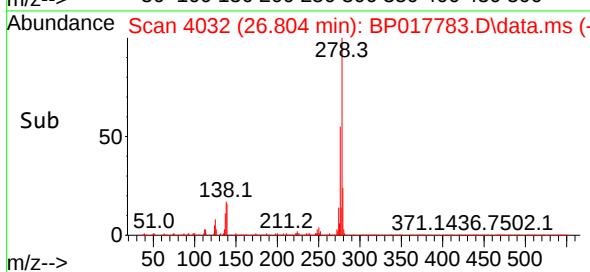
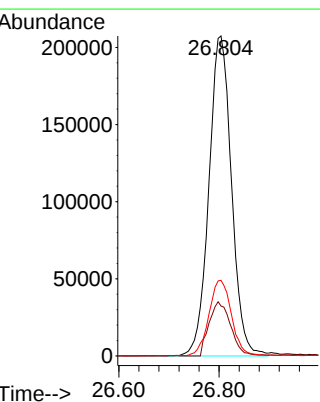
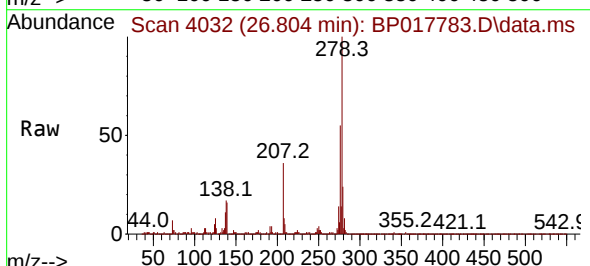
Tgt Ion:278 Resp: 649304

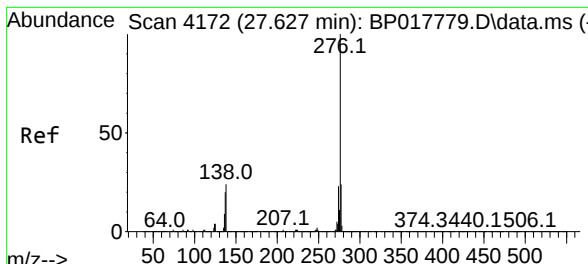
Ion Ratio Lower Upper

278 100

139 15.6 11.4 17.2

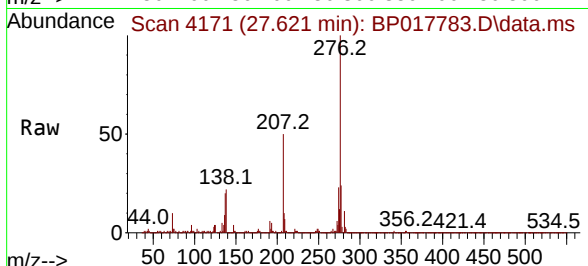
279 23.6 18.8 28.2





#96  
 Benzo(g,h,i)perylene  
 Concen: 25.784 ng/ul  
 RT: 27.621 min Scan# 4171  
 Delta R.T. -0.006 min  
 Lab File: BP017783.D  
 Acq: 24 Oct 2023 18:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCD09MS



Tgt Ion: 276 Resp: 563972  
 Ion Ratio Lower Upper  
 276 100  
 138 22.3 15.0 22.6  
 277 24.3 18.5 27.7

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023  
 Supervised By :mohammad ahmed 10/26/2023

