

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072224\  
 Data File : BP021089.D  
 Acq On : 22 Jul 2024 15:29  
 Operator : MA/JU  
 Sample : P3238-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4BE6MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 04:17:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 18 14:23:21 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 192369   | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.439 | 136  | 802804   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.298 | 164  | 538451   | 20.000 | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 17.116 | 188  | 1215995  | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.580 | 240  | 1141893  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.903 | 264  | 1477305  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 13972    | 3.305  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.652  | 84   | 114328   | 9.342  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.898  | 99   | 356178   | 22.711 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.034  | 67   | 193771   | 20.387 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.234  | 132  | 289469   | 22.402 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.404  | 113  | 275315   | 21.136 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 8.834  | 128  | 142436   | 22.843 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 162676   | 22.794 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.092 | 165  | 310552   | 24.064 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.598 | 131  | 193502m  | 11.318 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 877134   | 22.409 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 13.986 | 160  | 1038156  | 23.620 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.580 | 143  | 137954   | 24.771 | ng/u1  | -0.02    |
| 60) Fluorene-d10              | 15.304 | 176  | 822034   | 25.599 | ng/u1  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.480 | 200  | 110068   | 14.960 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.216 | 188  | 1337546  | 24.765 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.610 | 212  | 1351601  | 19.145 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.662 | 264  | 1186732  | 16.288 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.269  | 88   | 40585    | 8.729  | ng/uL  | 99       |
| 5) Pyridine                   | 3.669  | 79   | 187731   | 14.872 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.857  | 77   | 220625   | 27.904 | ng/u1  | 99       |
| 8) Phenol                     | 6.928  | 94   | 462575   | 29.148 | ng/u1  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.128  | 93   | 311321   | 23.747 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.269  | 128  | 354152   | 27.346 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.145  | 108  | 335522   | 27.337 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.198  | 45   | 438302   | 23.141 | ng/u1  | 97       |
| 16) Acetophenone              | 8.498  | 105  | 531888   | 26.457 | ng/u1  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.475  | 70   | 249351   | 23.672 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.475  | 108  | 373891   | 28.436 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.728  | 117  | 101856   | 17.502 | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.881  | 77   | 385405   | 25.802 | ng/u1  | 99       |
| 23) Isophorone                | 9.392  | 82   | 715853   | 24.107 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.569  | 139  | 208645   | 28.031 | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.639  | 107  | 352389   | 24.008 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.851  | 93   | 419046   | 23.216 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 358549   | 28.191 | ng/u1  | 99       |
| 30) Naphthalene               | 10.492 | 128  | 1399544  | 33.142 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.616 | 127  | 234701   | 14.376 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.745 | 225  | 230610   | 24.182 | ng/u1  | 99       |
| 34) Caprolactam               | 11.422 | 113  | 125686   | 32.080 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.757 | 107  | 414788   | 30.003 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.092 | 142  | 884014   | 30.497 | ng/u1  | 97       |

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Quant Time: Jul 23 04:17:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 18 14:23:21 2024  
 Response via : Initial Calibration

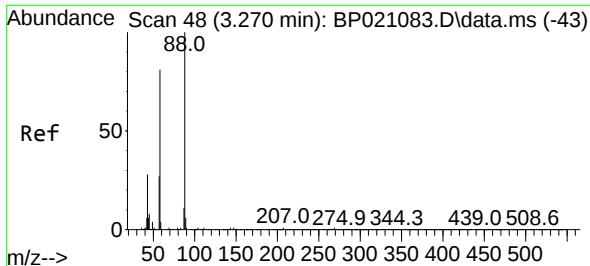
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/25/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.328 | 142  | 889464   | 29.835  | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 455547   | 26.051  | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.422 | 237  | 30182    | 3.299   | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 12.733 | 196  | 313971   | 28.415  | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.822 | 196  | 342976   | 29.337  | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.116 | 154  | 1073700  | 27.285  | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.169 | 162  | 837390   | 26.656  | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.386 | 65   | 268595   | 30.918  | ng/ul  | 99       |
| 47) Dimethylphthalate         | 13.751 | 163  | 1041591  | 26.226  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.898 | 165  | 236994   | 29.846  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.010 | 152  | 1482318  | 29.788  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.239 | 138  | 203905   | 29.510  | ng/ul  | 94       |
| 52) Acenaphthene              | 14.357 | 153  | 1351982  | 40.933  | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.463 | 184  | 69946    | 16.774  | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 14.604 | 109  | 171102   | 37.769  | ng/ul  | 95       |
| 56) Dibenzofuran              | 14.704 | 168  | 1740903  | 38.490  | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 354815   | 32.551  | ng/ul# | 86       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.957 | 232  | 299472   | 29.914  | ng/ul  | 94       |
| 59) Diethylphthalate          | 15.139 | 149  | 1048738  | 26.422  | ng/ul  | 99       |
| 61) Fluorene                  | 15.363 | 166  | 1649158  | 44.682  | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.363 | 204  | 536046   | 26.765  | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.422 | 138  | 224251   | 39.190  | ng/ul  | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 138557   | 17.758  | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.586 | 169  | 947833   | 26.768  | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.280 | 248  | 360252   | 25.276  | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.398 | 284  | 346188   | 21.184  | ng/ul  | 96       |
| 70) Atrazine                  | 16.580 | 200  | 265566   | 20.578  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.763 | 266  | 215830   | 24.316  | ng/ul  | 100      |
| 72) Phenanthrene              | 17.174 | 178  | 11451656 | 181.539 | ng/ul  | 98       |
| 74) Anthracene                | 17.257 | 178  | 4128185  | 64.193  | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.092 | 216  | 444920   | 22.860  | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.616 | 250  | 450969   | 23.319  | ng/uL  | 98       |
| 77) Carbazole                 | 17.545 | 167  | 2620451  | 49.847  | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.121 | 149  | 1881583  | 25.942  | ng/ul  | 100      |
| 80) Fluoranthene              | 19.274 | 202  | 15234800 | 178.695 | ng/ul  | 100      |
| 82) Pyrene                    | 19.651 | 202  | 11108978 | 128.049 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.580 | 149  | 933720   | 25.832  | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.474 | 252  | 284497   | 10.903  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.562 | 228  | 8601472  | 107.532 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 1466393  | 28.190  | ng/ul# | 97       |
| 87) Chrysene                  | 21.627 | 228  | 8342533  | 112.239 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.715 | 149  | 2315580  | 23.727  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.856 | 252  | 10555595 | 117.742 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.921 | 252  | 4999894  | 55.884  | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 24.739 | 252  | 4215173  | 49.756  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.703 | 276  | 4989787  | 45.708  | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.750 | 278  | 3510027  | 38.828  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.844 | 276  | 632661m  | 7.116   | ng/ul  |          |

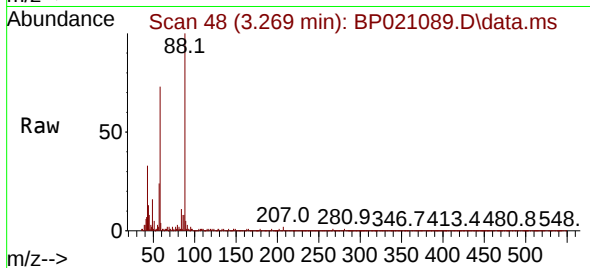
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 8.729 ng/uL  
RT: 3.269 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

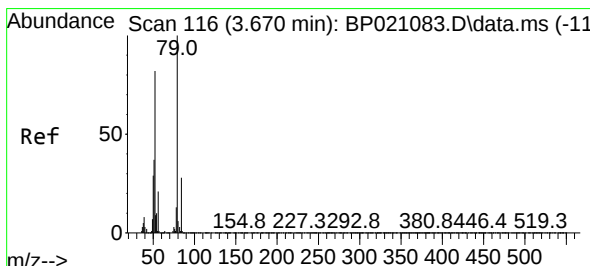
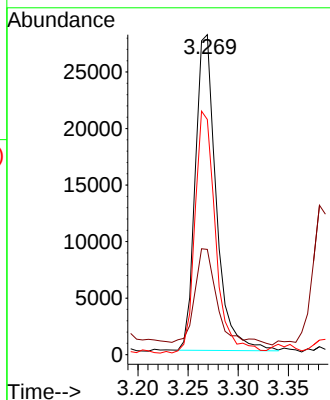
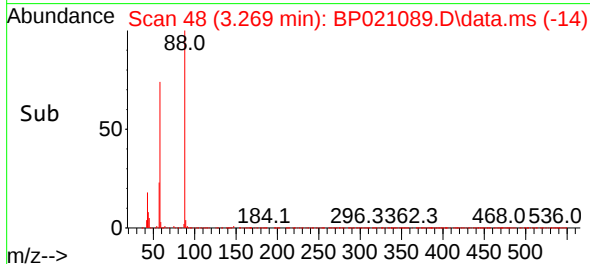
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion: 88 Resp: 40589  
Ion Ratio Lower Upper  
88 100  
43 32.9 25.4 38.0  
58 73.5 59.2 88.8

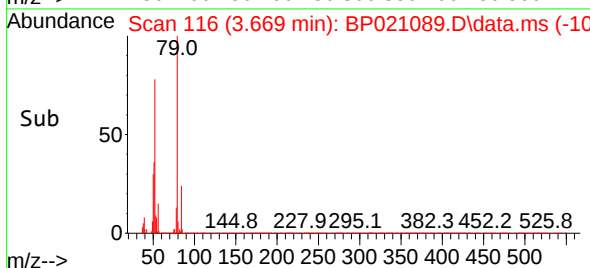
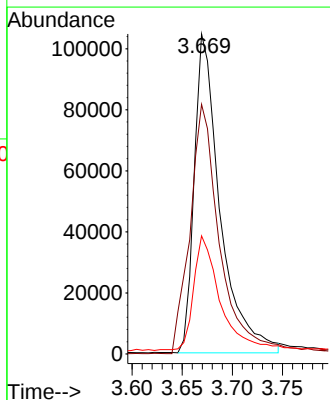
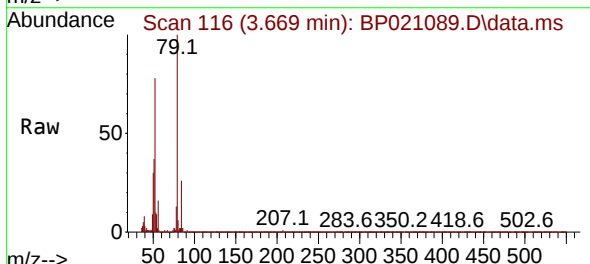
Manual Integrations  
APPROVED

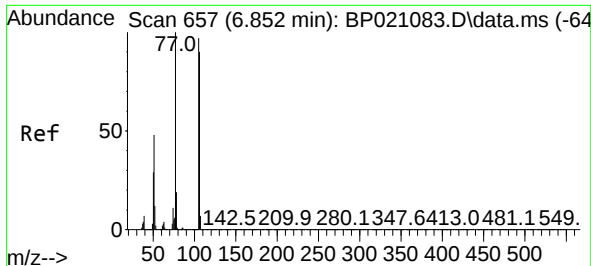
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#5  
Pyridine  
Concen: 14.872 ng/uL  
RT: 3.669 min Scan# 116  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion: 79 Resp: 187731  
Ion Ratio Lower Upper  
79 100  
52 78.0 64.9 97.3  
51 36.9 30.5 45.7





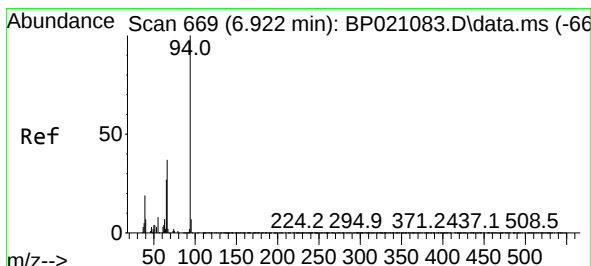
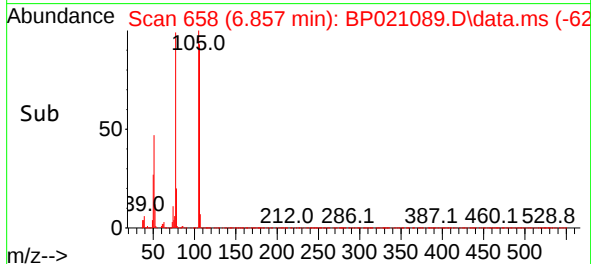
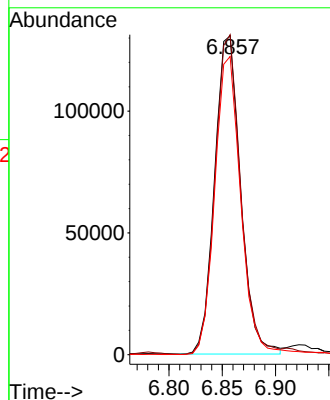
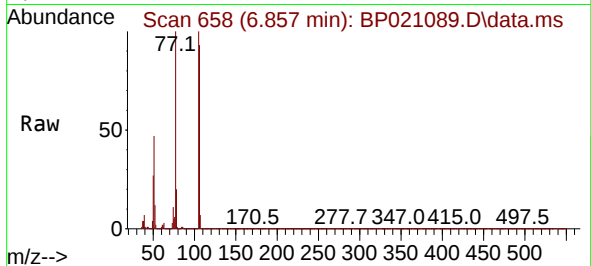
#6  
Benzaldehyde  
Concen: 27.904 ng/ul  
RT: 6.857 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion: 77 Resp: 220625  
Ion Ratio Lower Upper  
77 100  
105 100.4 79.3 118.9  
106 93.6 74.6 112.0

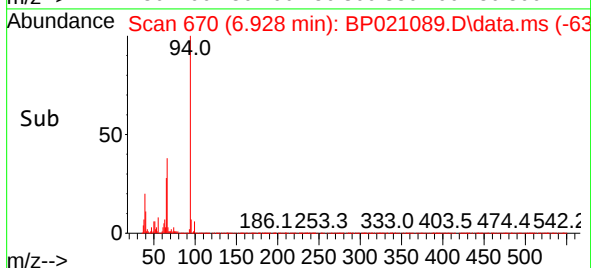
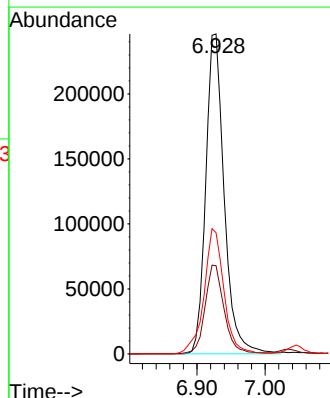
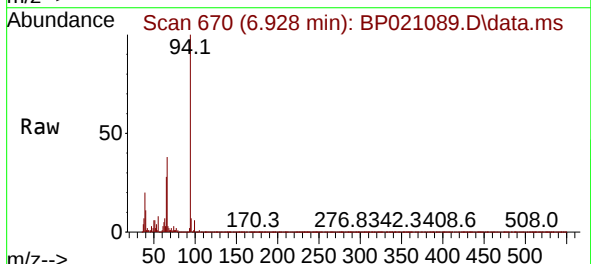
Manual Integrations  
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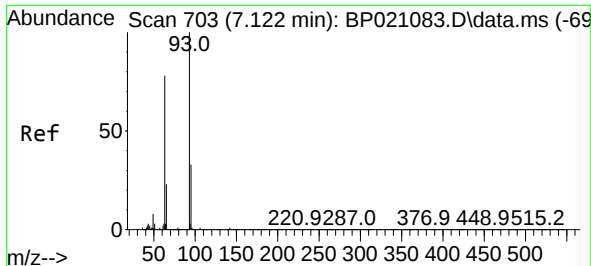
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#8  
Phenol  
Concen: 29.148 ng/ul  
RT: 6.928 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

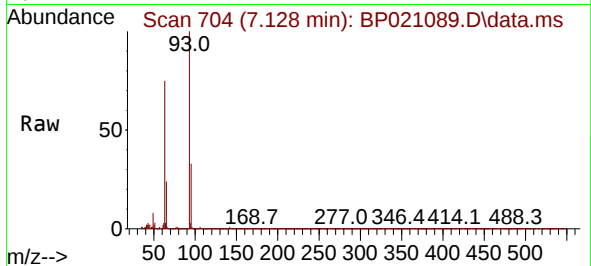
Tgt Ion: 94 Resp: 462575  
Ion Ratio Lower Upper  
94 100  
65 27.6 23.4 35.0  
66 37.9 33.9 50.9





#10  
Bis(2-Chloroethyl)ether  
Concen: 23.747 ng/ul  
RT: 7.128 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

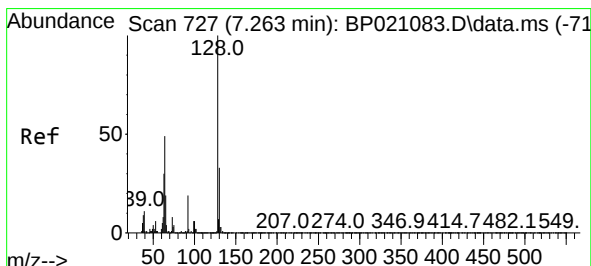
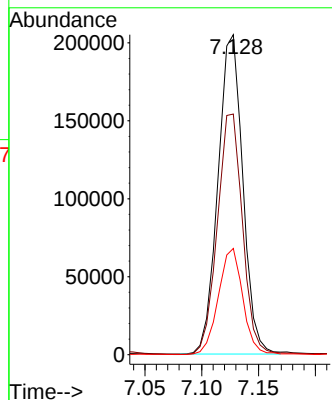
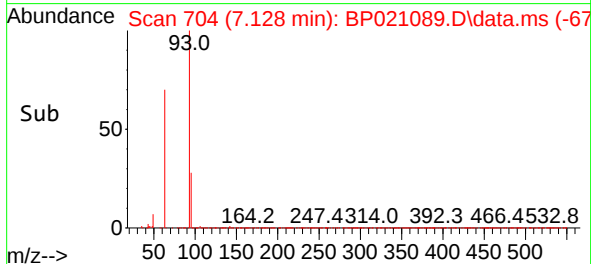
Instrument :  
BNA\_P  
ClientSampleId :  
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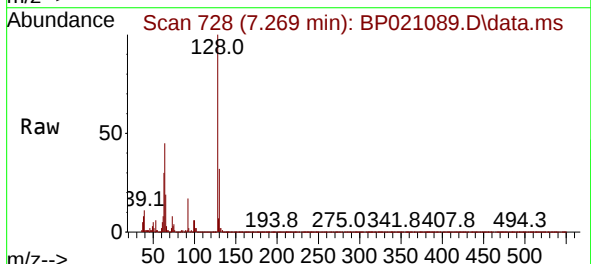
Tgt Ion: 93 Resp: 31132  
Ion Ratio Lower Upper  
93 100  
63 75.2 61.5 92.3  
95 33.2 25.1 37.7

Manual Integrations  
APPROVED

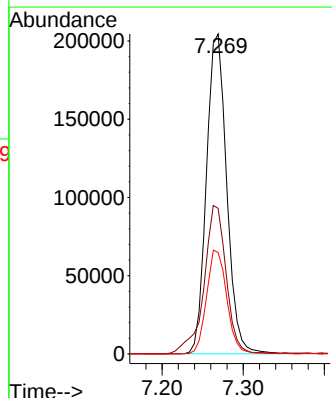
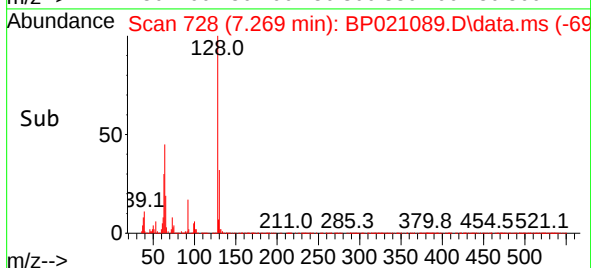
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024

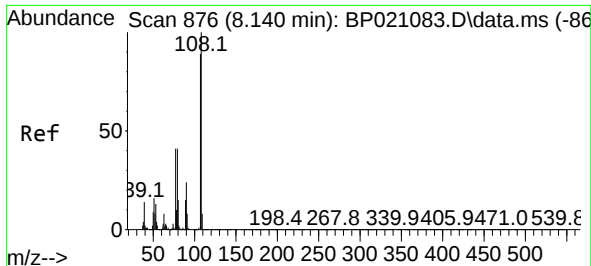


#12  
2-Chlorophenol  
Concen: 27.346 ng/ul  
RT: 7.269 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29



Tgt Ion:128 Resp: 354152  
Ion Ratio Lower Upper  
128 100  
64 45.5 37.9 56.9  
130 31.7 25.6 38.4





#13

2-Methylphenol

Concen: 27.337 ng/ul

RT: 8.145 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:108 Resp: 33552

Ion Ratio Lower Upper

108 100

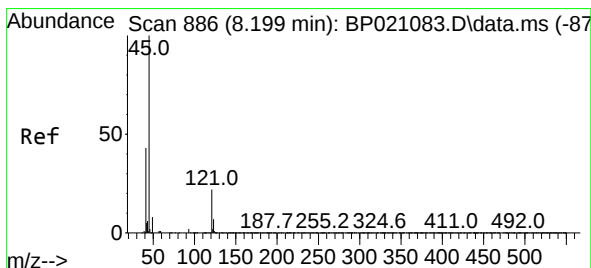
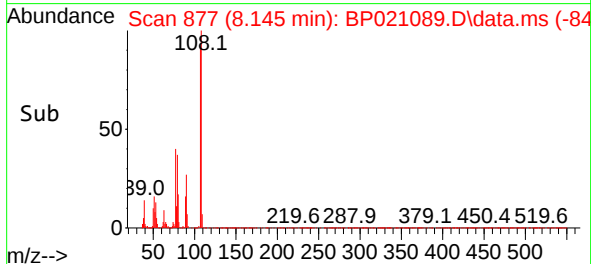
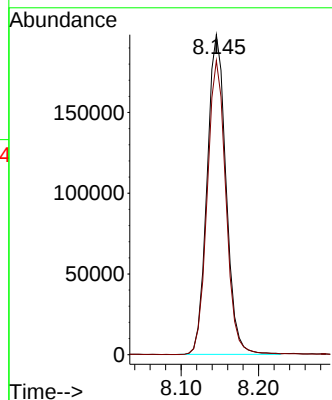
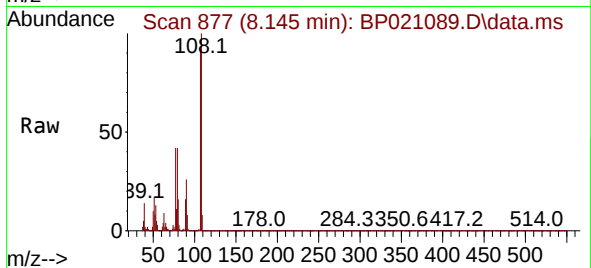
107 91.9 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.141 ng/ul

RT: 8.198 min Scan# 886

Delta R.T. -0.018 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

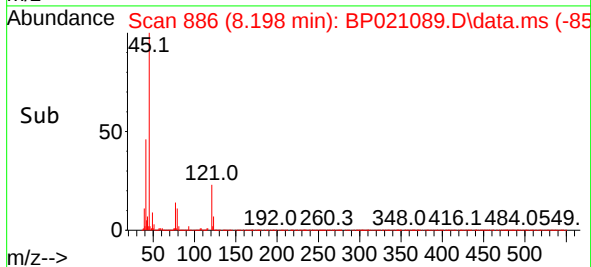
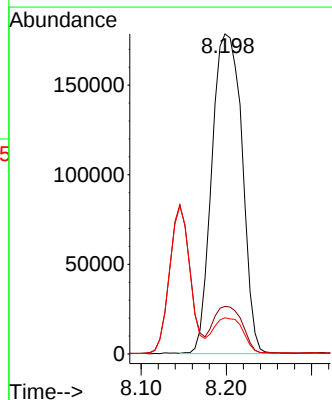
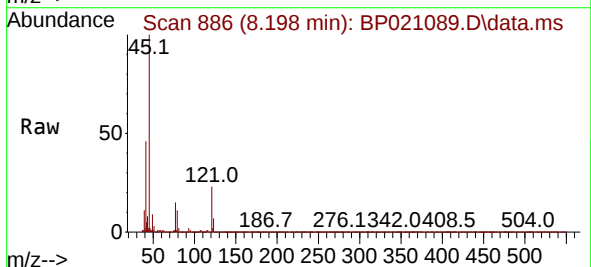
Tgt Ion: 45 Resp: 438302

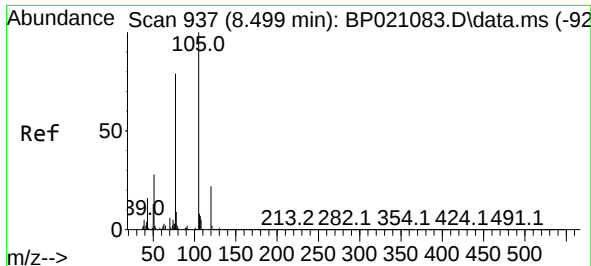
Ion Ratio Lower Upper

45 100

77 14.9 10.9 16.3

79 11.3 8.1 12.1





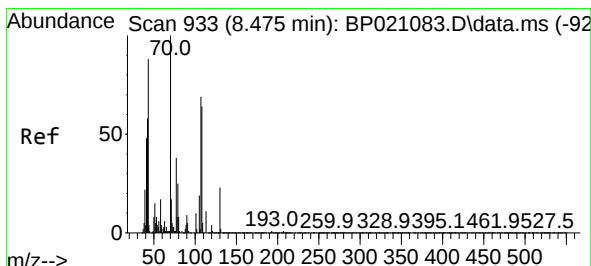
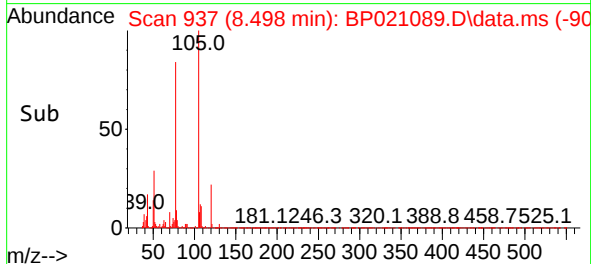
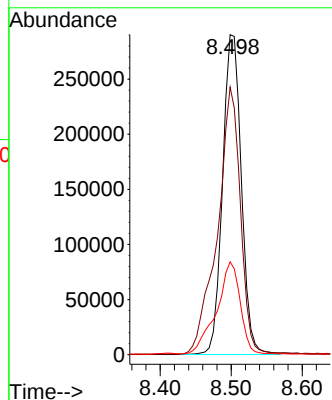
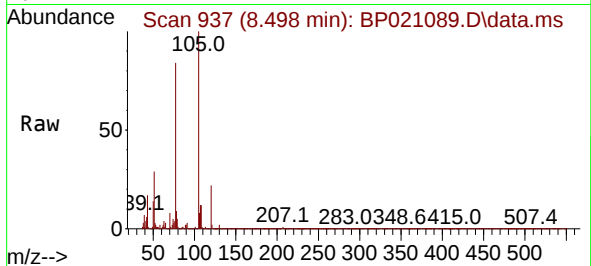
#16  
Acetophenone  
Concen: 26.457 ng/ul  
RT: 8.498 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:105 Resp: 53188  
Ion Ratio Lower Upper  
105 100  
77 83.6 61.8 92.8  
51 29.0 21.5 32.3

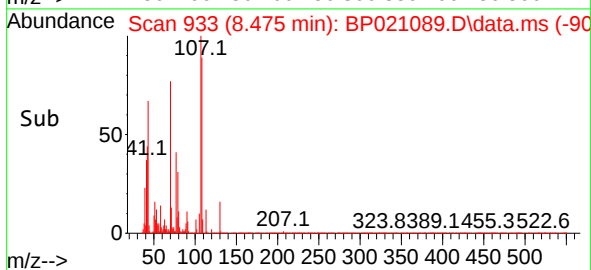
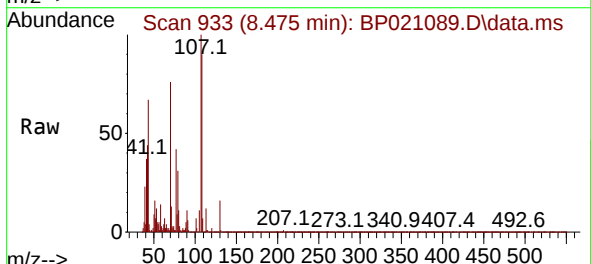
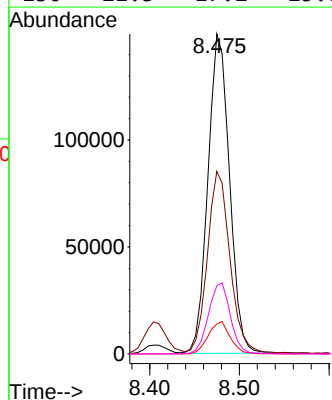
Manual Integrations  
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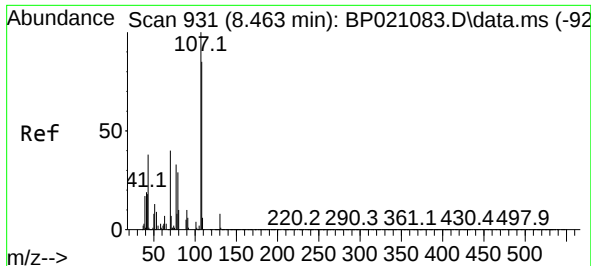
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 23.672 ng/ul  
RT: 8.475 min Scan# 933  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion: 70 Resp: 249351  
Ion Ratio Lower Upper  
70 100  
42 57.1 46.6 69.8  
101 9.3 7.4 11.0  
130 21.3 17.2 25.8





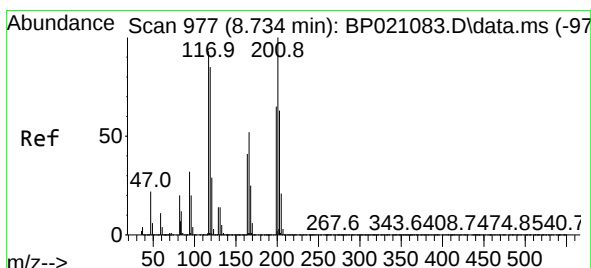
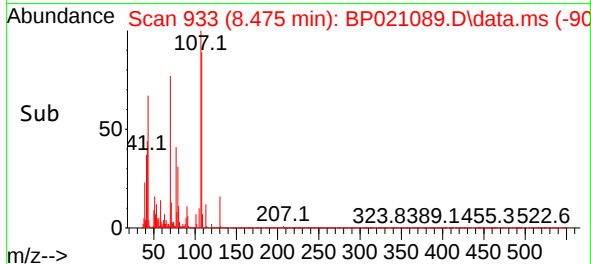
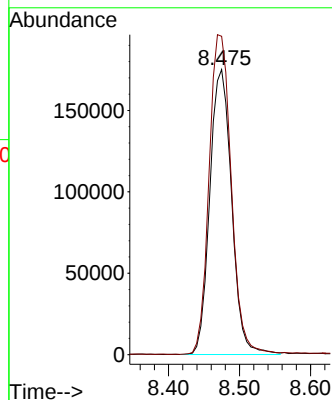
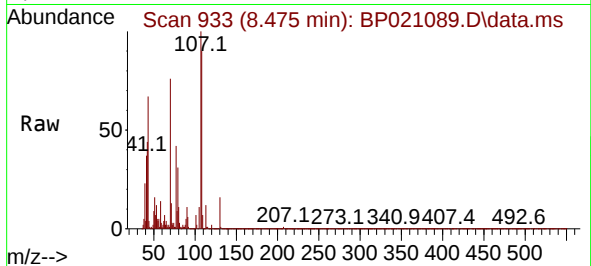
#18  
4-Methylphenol  
Concen: 28.436 ng/ul  
RT: 8.475 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:108 Resp: 37389  
Ion Ratio Lower Upper  
108 100  
107 111.7 87.8 131.8

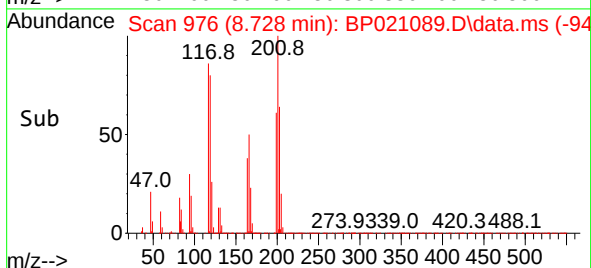
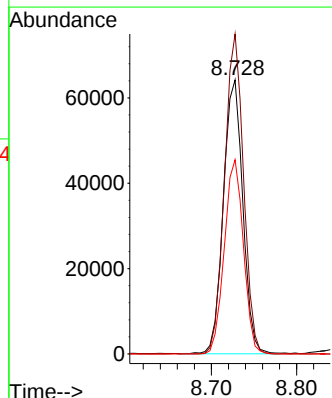
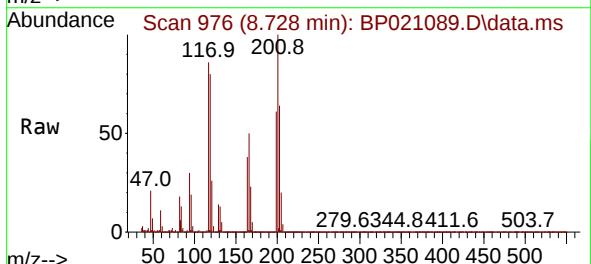
Manual Integrations  
APPROVED

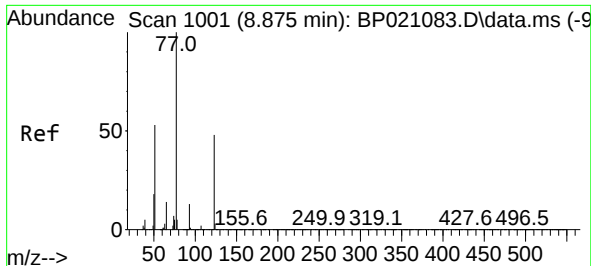
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#19  
Hexachloroethane  
Concen: 17.502 ng/ul  
RT: 8.728 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

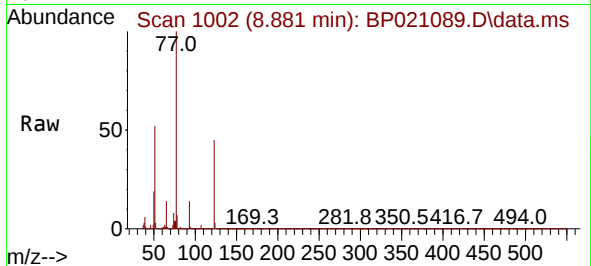
Tgt Ion:117 Resp: 101856  
Ion Ratio Lower Upper  
117 100  
201 116.7 88.2 132.2  
199 70.8 55.8 83.6





#22  
Nitrobenzene  
Concen: 25.802 ng/ul  
RT: 8.881 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

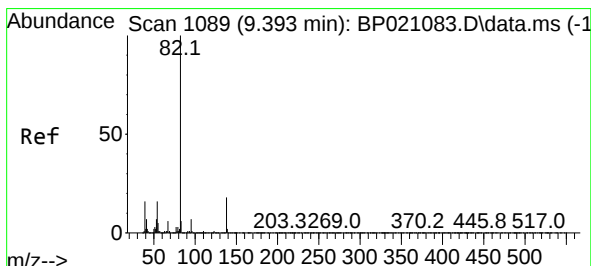
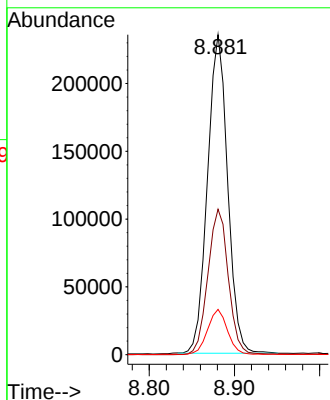
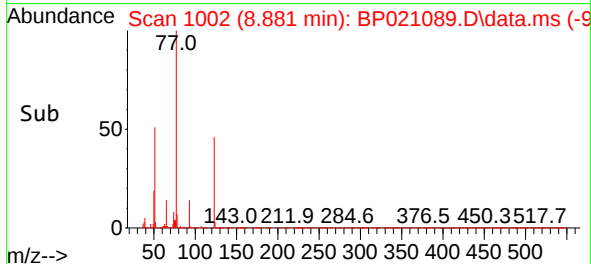
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion: 77 Resp: 385409  
Ion Ratio Lower Upper  
77 100  
123 45.5 36.7 55.1  
65 14.2 11.1 16.7

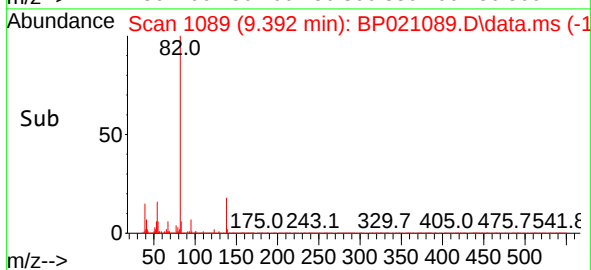
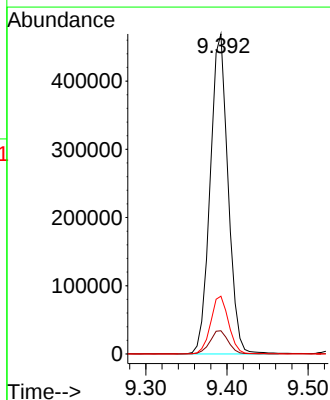
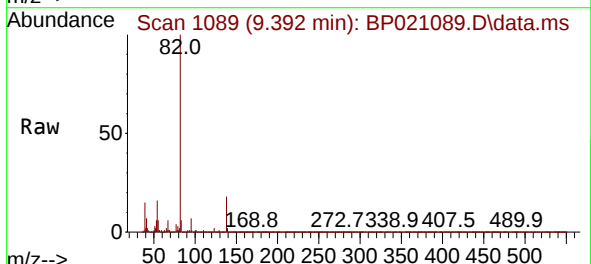
Manual Integrations  
APPROVED

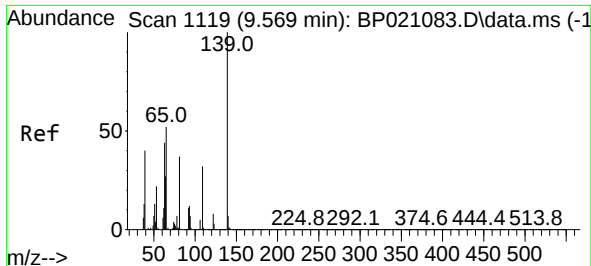
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#23  
Isophorone  
Concen: 24.107 ng/ul  
RT: 9.392 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion: 82 Resp: 715853  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.1 9.1  
138 18.1 14.4 21.6





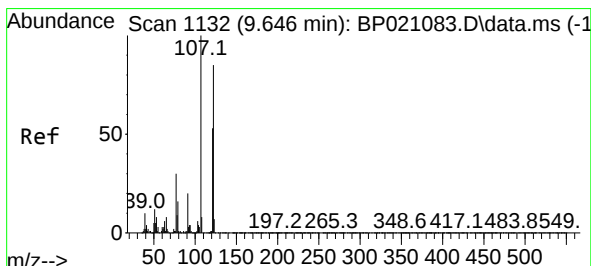
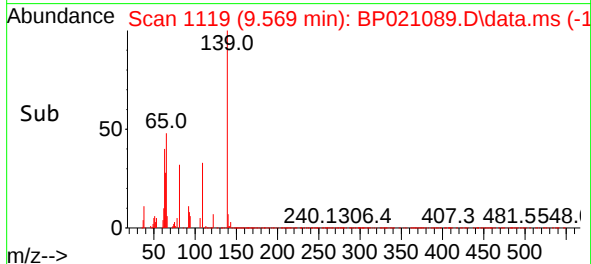
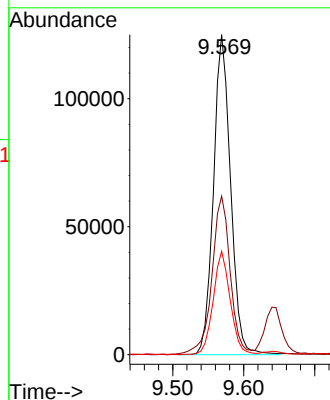
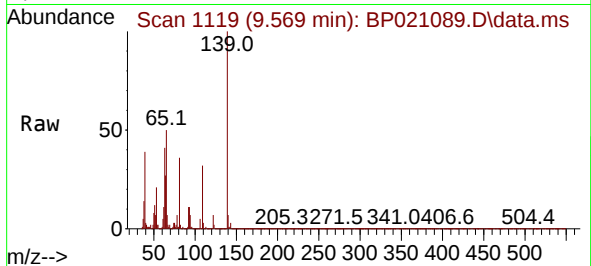
#25  
2-Nitrophenol  
Concen: 28.031 ng/ul  
RT: 9.569 min Scan# 1119  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:139 Resp: 20864  
Ion Ratio Lower Upper  
139 100  
65 49.5 42.9 64.3  
109 32.3 26.2 39.4

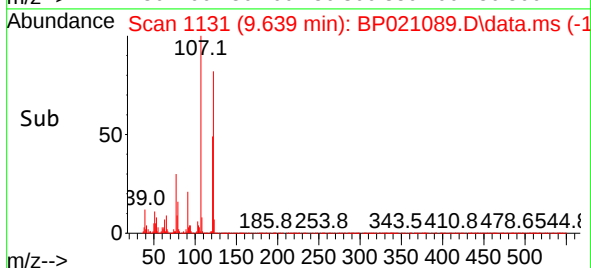
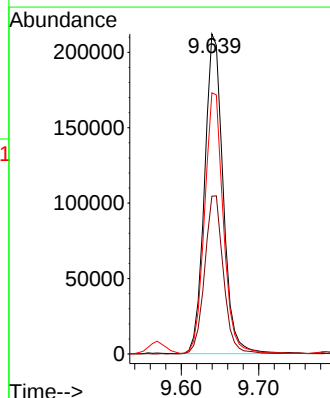
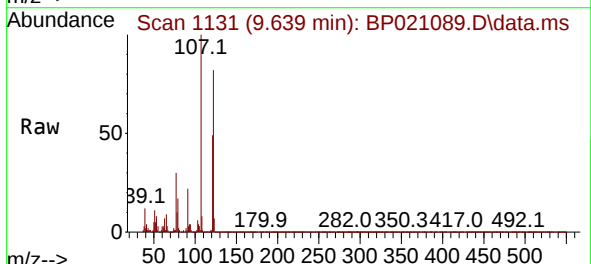
Manual Integrations  
APPROVED

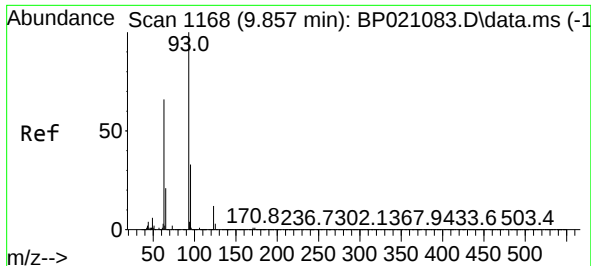
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#26  
2,4-Dimethylphenol  
Concen: 24.008 ng/ul  
RT: 9.639 min Scan# 1131  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

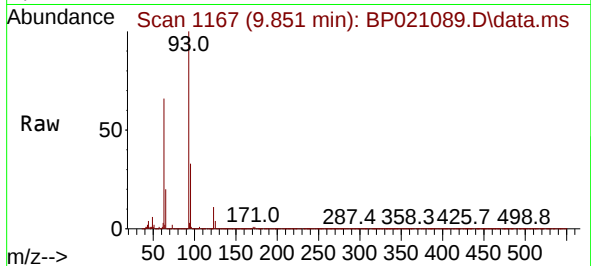
Tgt Ion:107 Resp: 352389  
Ion Ratio Lower Upper  
107 100  
121 49.3 39.6 59.4  
122 81.6 66.3 99.5





#27  
Bis(2-Chloroethoxy)methane  
Concen: 23.216 ng/ul  
RT: 9.851 min Scan# 1168  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

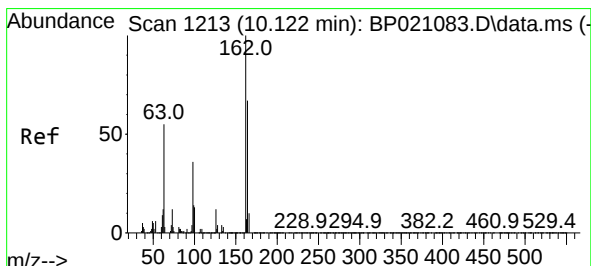
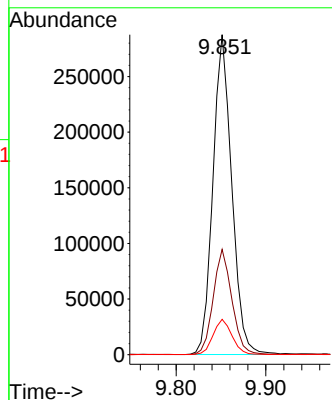
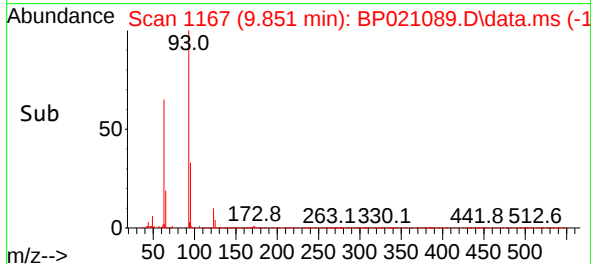
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion: 93 Resp: 419040  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.5 38.3  
123 11.0 9.0 13.4

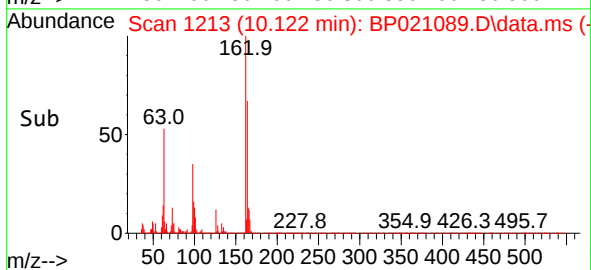
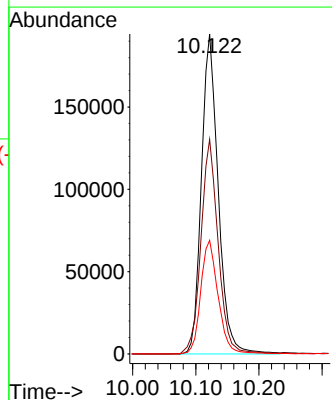
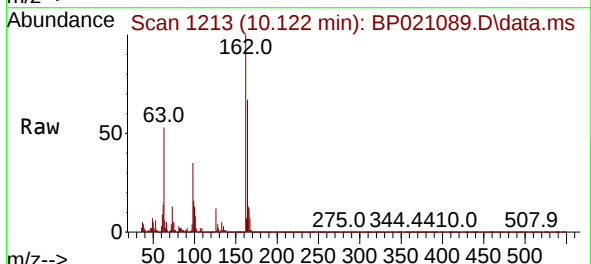
Manual Integrations  
APPROVED

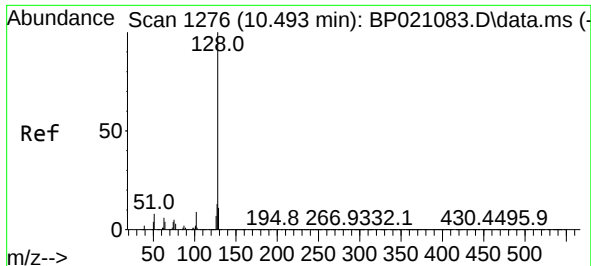
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#29  
2,4-Dichlorophenol  
Concen: 28.191 ng/ul  
RT: 10.122 min Scan# 1213  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

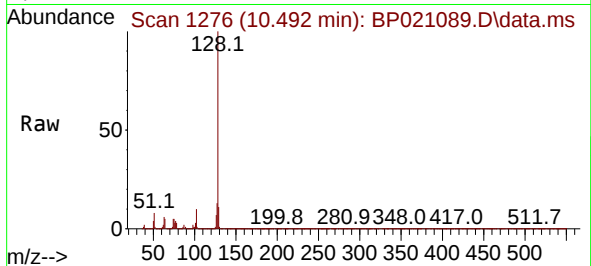
Tgt Ion:162 Resp: 358549  
Ion Ratio Lower Upper  
162 100  
164 67.1 53.3 79.9  
98 35.5 28.7 43.1





#30  
Naphthalene  
Concen: 33.142 ng/ul  
RT: 10.492 min Scan# 1276  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

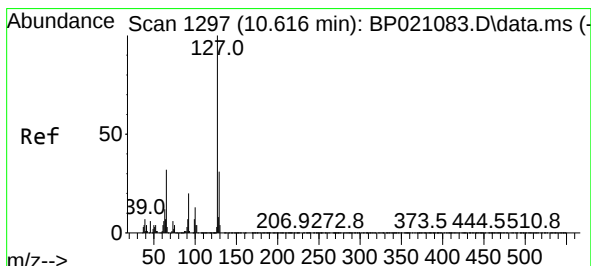
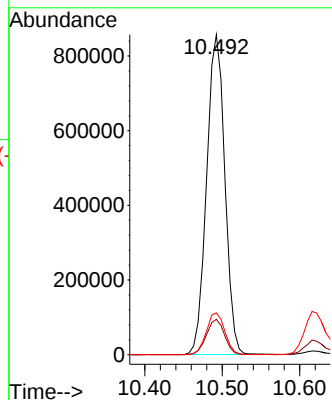
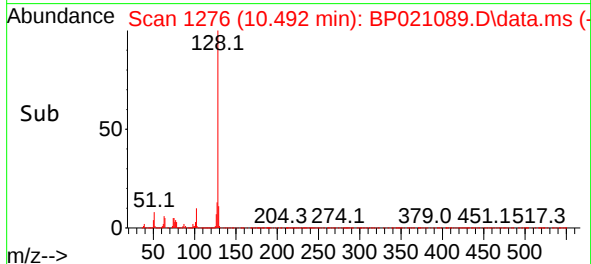
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:128 Resp: 1399544  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.1 10.8 16.2

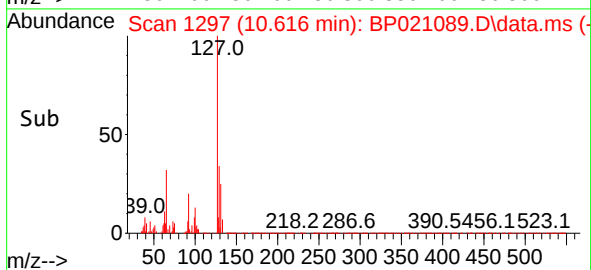
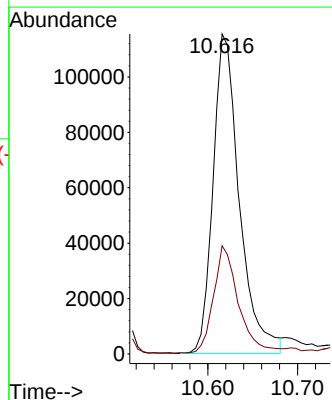
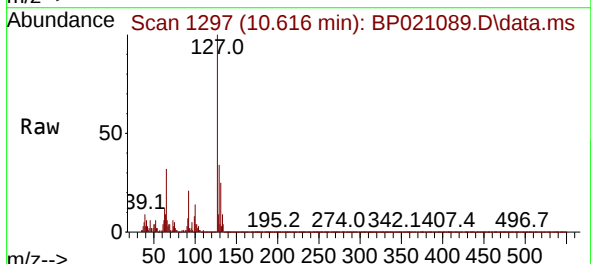
Manual Integrations  
APPROVED

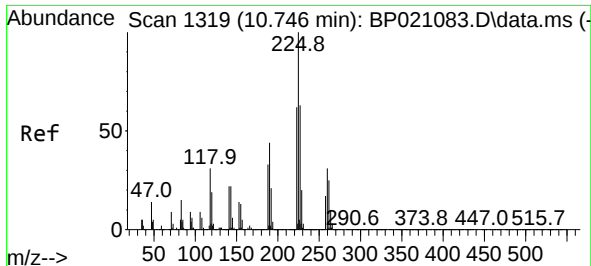
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#32  
4-Chloroaniline  
Concen: 14.376 ng/ul  
RT: 10.616 min Scan# 1297  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

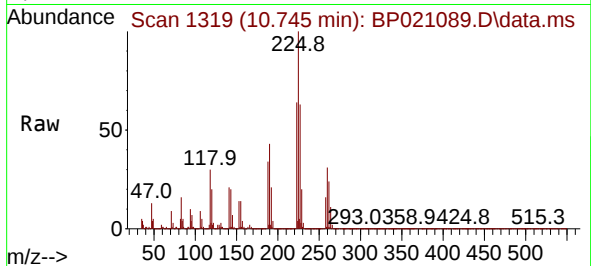
Tgt Ion:127 Resp: 234701  
Ion Ratio Lower Upper  
127 100  
129 33.8 26.1 39.1





#33  
Hexachlorobutadiene  
Concen: 24.182 ng/ul  
RT: 10.745 min Scan# 1319  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

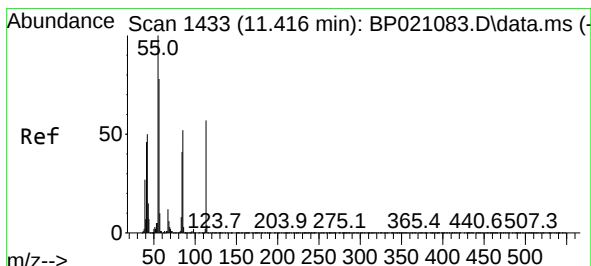
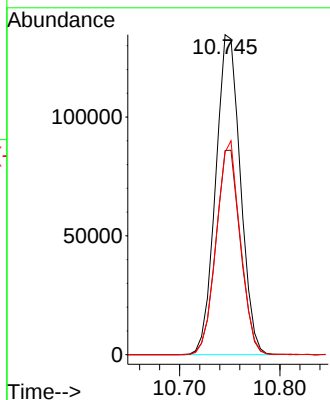
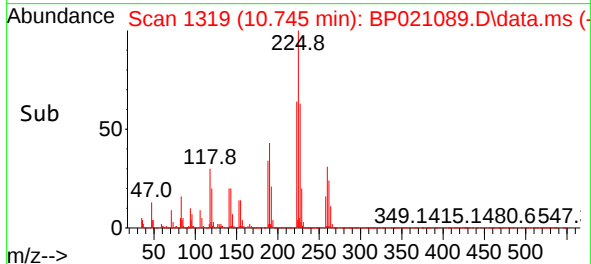
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:225 Resp: 230610  
Ion Ratio Lower Upper  
225 100  
223 63.8 50.2 75.2  
227 63.2 50.6 75.8

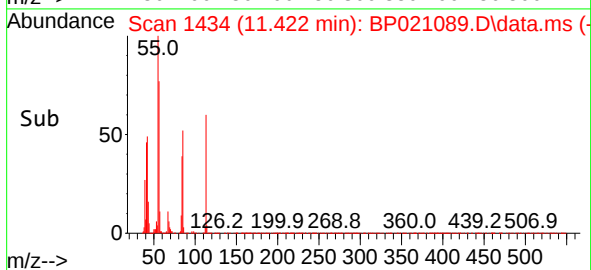
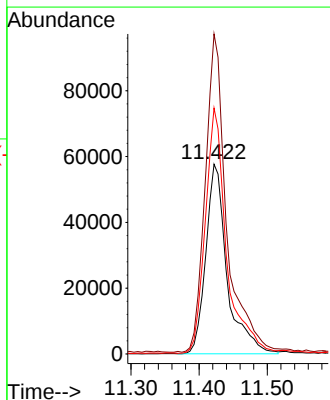
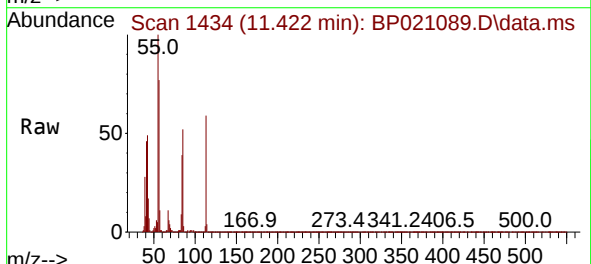
Manual Integrations  
APPROVED

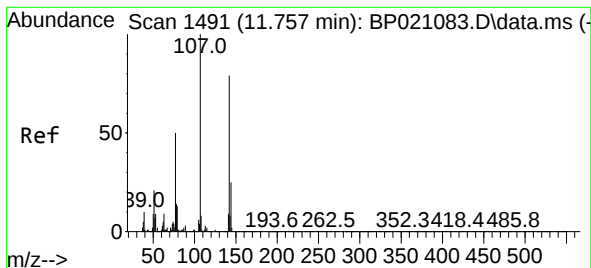
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#34  
Caprolactam  
Concen: 32.080 ng/ul  
RT: 11.422 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

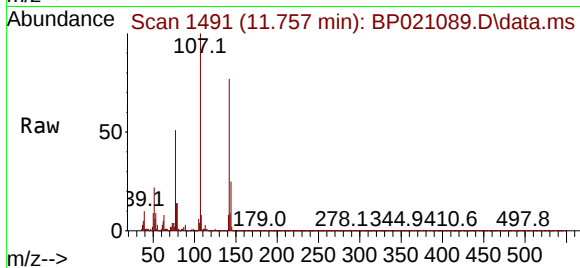
Tgt Ion:113 Resp: 125686  
Ion Ratio Lower Upper  
113 100  
55 168.6 140.2 210.4  
56 129.6 105.5 158.3





#35  
4-Chloro-3-methylphenol  
Concen: 30.003 ng/ul  
RT: 11.757 min Scan# 1491  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

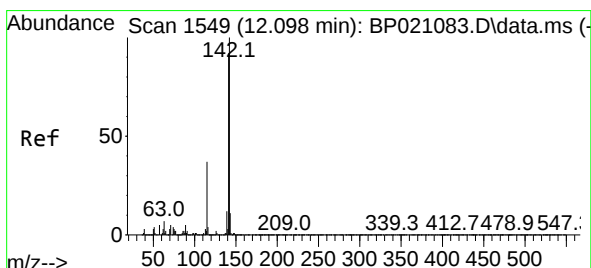
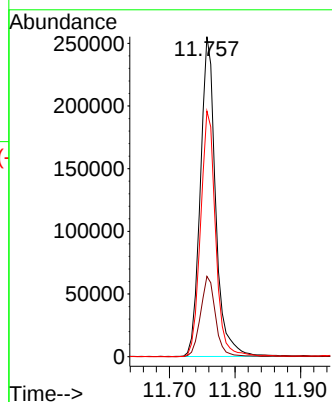
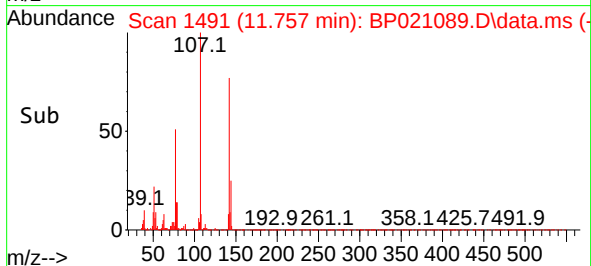
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:107 Resp: 414788  
Ion Ratio Lower Upper  
107 100  
144 25.1 19.3 28.9  
142 76.7 60.7 91.1

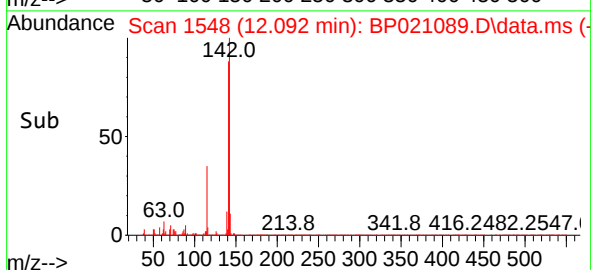
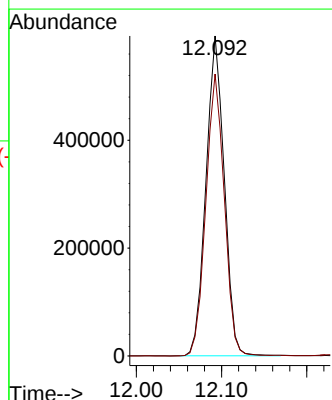
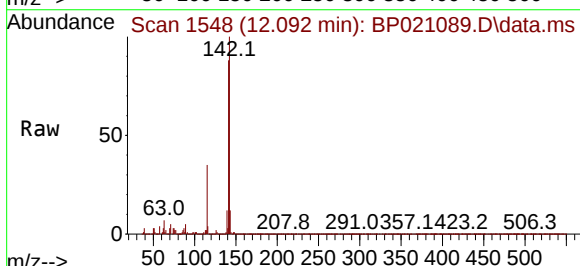
Manual Integrations  
APPROVED

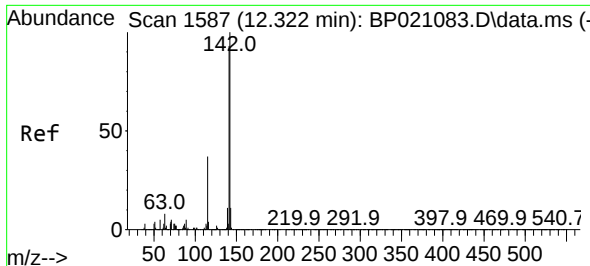
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#36  
2-Methylnaphthalene  
Concen: 30.497 ng/ul  
RT: 12.092 min Scan# 1548  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

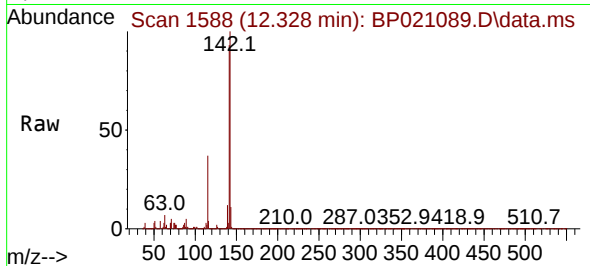
Tgt Ion:142 Resp: 884014  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.6 108.8





#37  
1-Methylnaphthalene  
Concen: 29.835 ng/ul  
RT: 12.328 min Scan# 1587  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

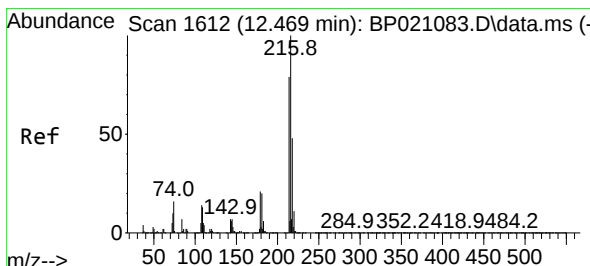
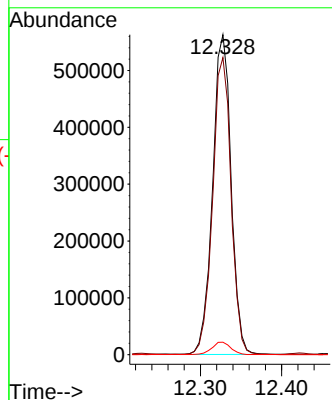
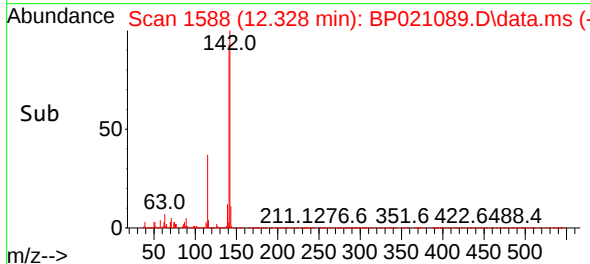
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:142 Resp: 889464  
Ion Ratio Lower Upper  
142 100  
141 92.8 75.0 112.6  
116 3.9 3.2 4.8

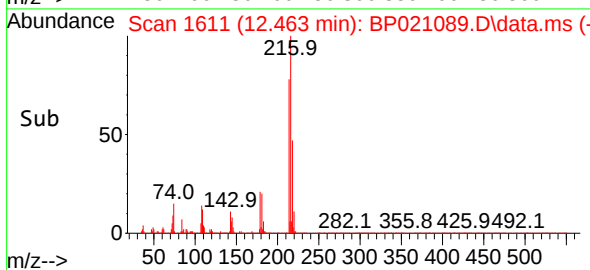
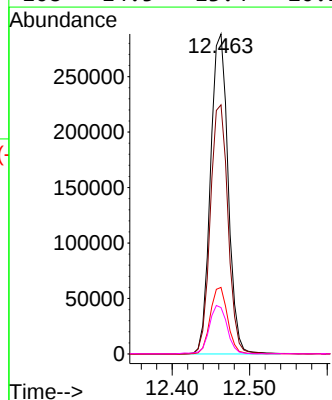
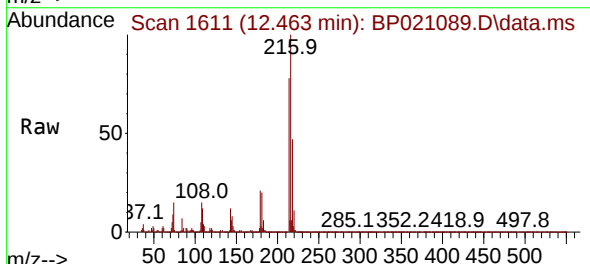
Manual Integrations  
APPROVED

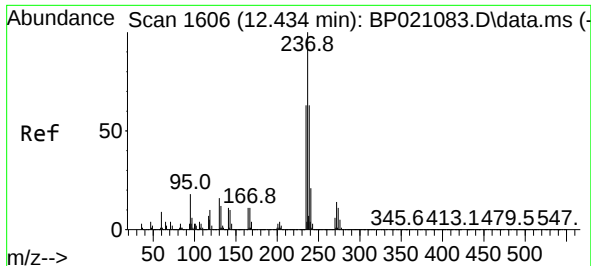
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 26.051 ng/ul  
RT: 12.463 min Scan# 1611  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:216 Resp: 455547  
Ion Ratio Lower Upper  
216 100  
214 77.8 64.2 96.4  
179 20.8 16.6 24.8  
108 14.5 13.4 20.2





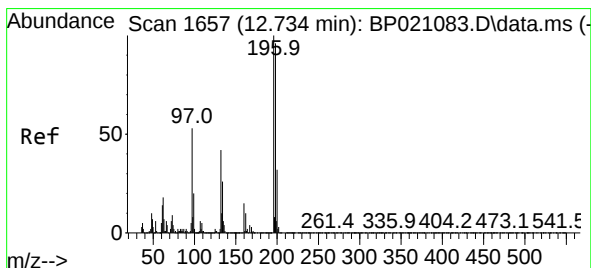
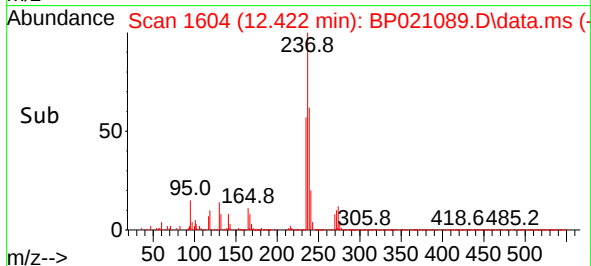
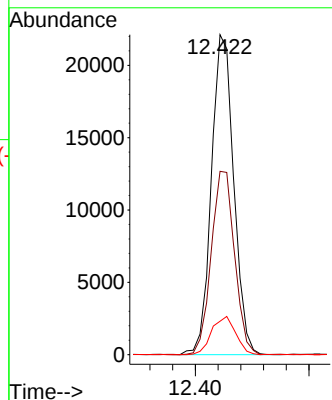
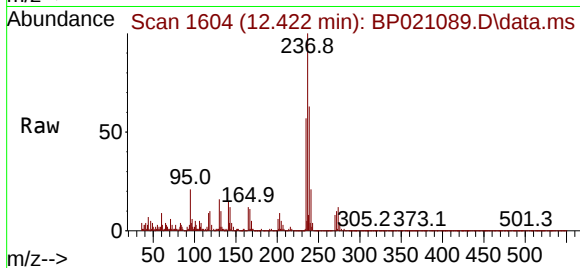
#40  
Hexachlorocyclopentadiene  
Concen: 3.299 ng/ul  
RT: 12.422 min Scan# 1604  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:237 Resp: 3018  
Ion Ratio Lower Upper  
237 100  
235 57.3 49.7 74.5  
272 10.5 10.2 15.2

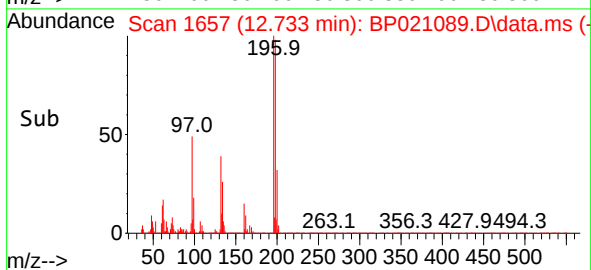
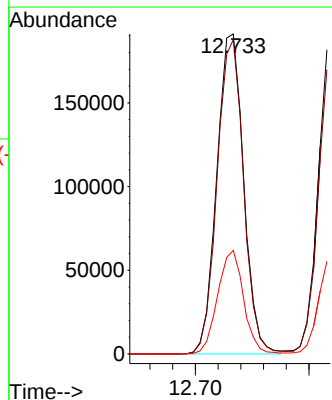
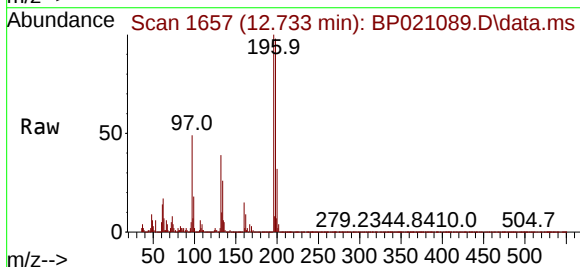
Manual Integrations  
APPROVED

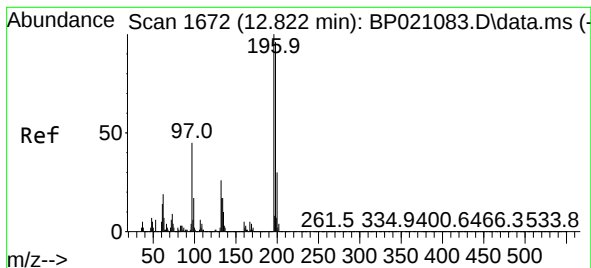
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#41  
2,4,6-Trichlorophenol  
Concen: 28.415 ng/ul  
RT: 12.733 min Scan# 1657  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:196 Resp: 313971  
Ion Ratio Lower Upper  
196 100  
198 98.2 76.6 115.0  
200 32.3 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 29.337 ng/ul

RT: 12.822 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

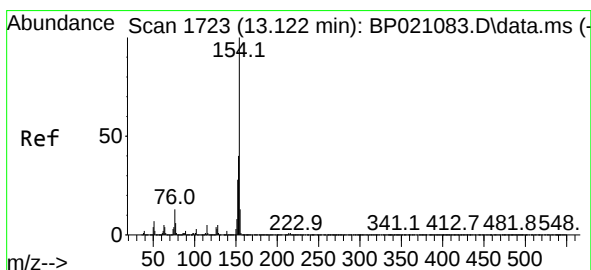
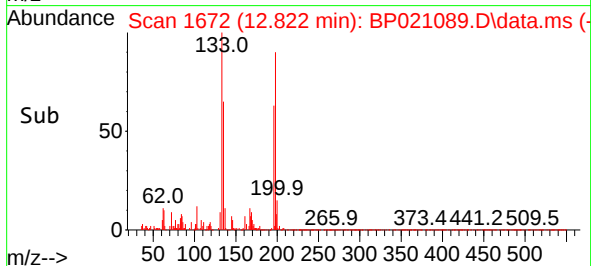
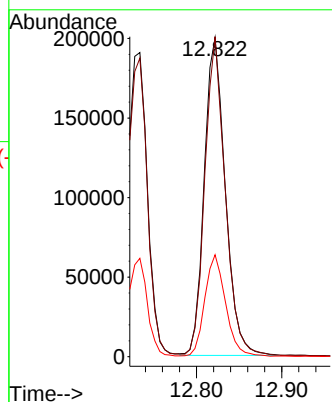
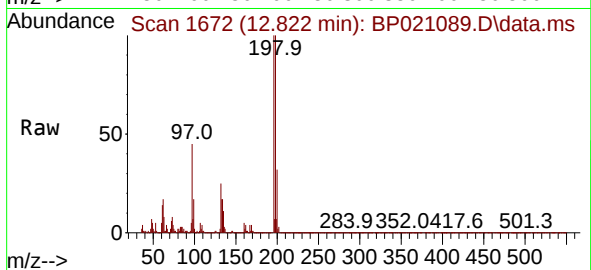
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 342970 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 100.3 | 77.1  | 115.7  |
| 200       | 31.9  | 25.3  | 37.9   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#43

1,1'-Biphenyl

Concen: 27.285 ng/ul

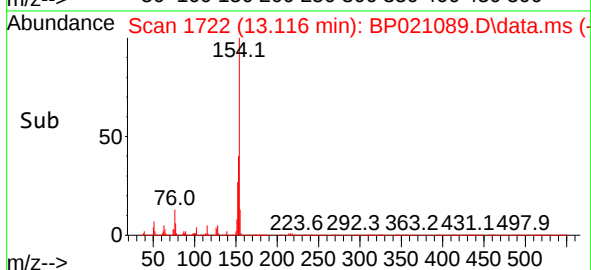
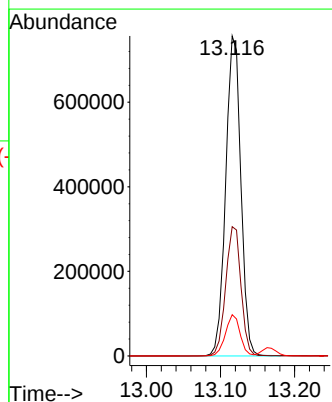
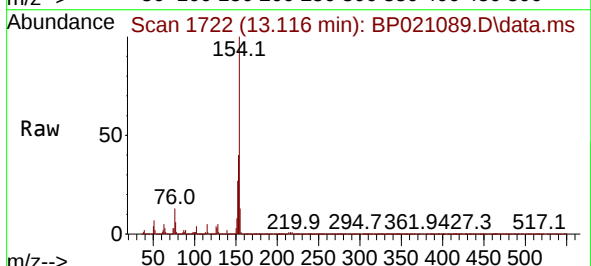
RT: 13.116 min Scan# 1722

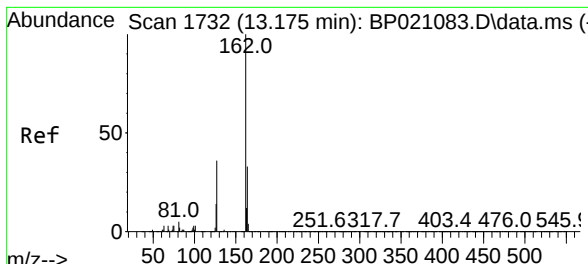
Delta R.T. -0.018 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 1073700 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 40.4  | 32.7  | 49.1    |
| 76        | 12.9  | 9.4   | 14.2    |





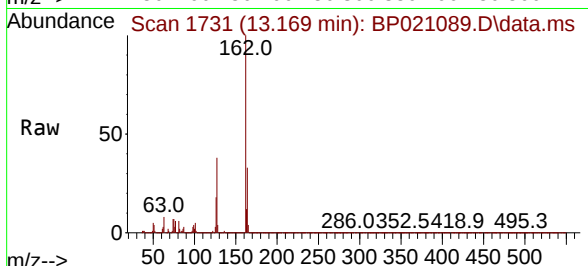
#44  
2-Chloronaphthalene  
Concen: 26.656 ng/ul  
RT: 13.169 min Scan# 1731  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD



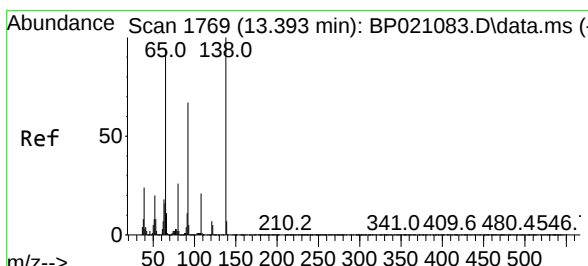
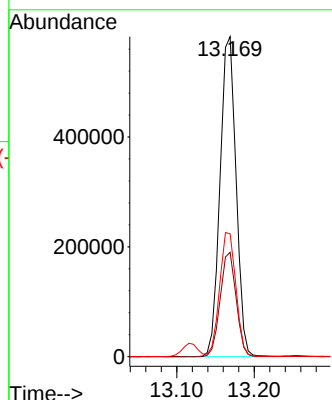
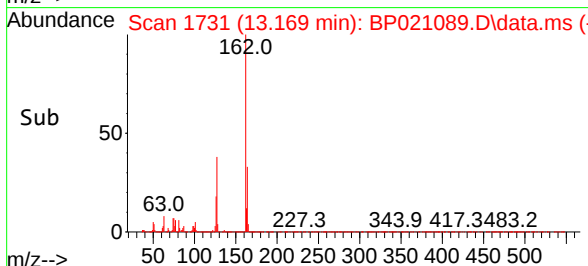
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 837390 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 32.6  | 26.3  | 39.5   |
| 127       | 38.4  | 31.8  | 47.8   |

Manual Integrations

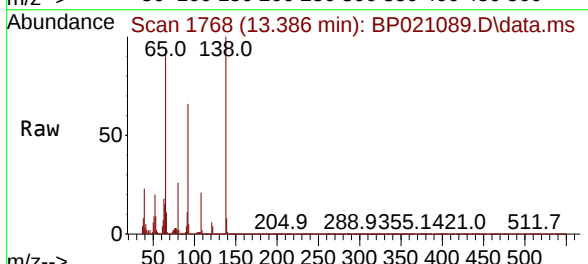
APPROVED

Reviewed By :Yogesh Patel 07/23/2024

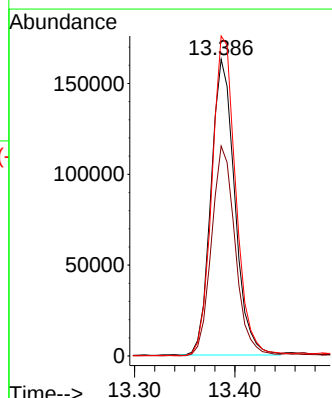
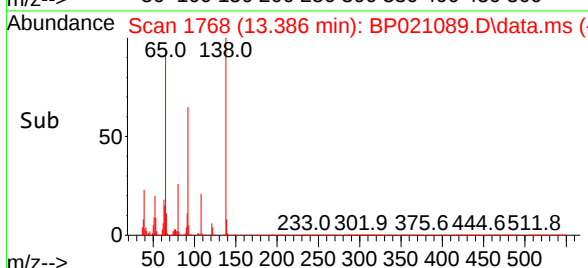
Supervised By :mohammad ahmed 07/25/2024

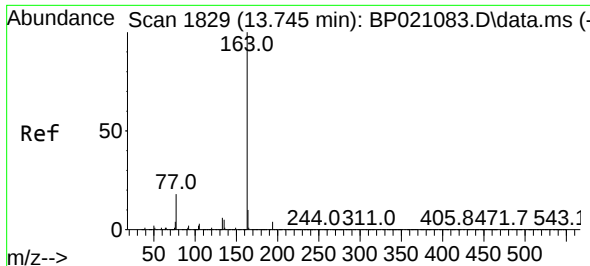


#45  
2-Nitroaniline  
Concen: 30.918 ng/ul  
RT: 13.386 min Scan# 1768  
Delta R.T. -0.024 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29



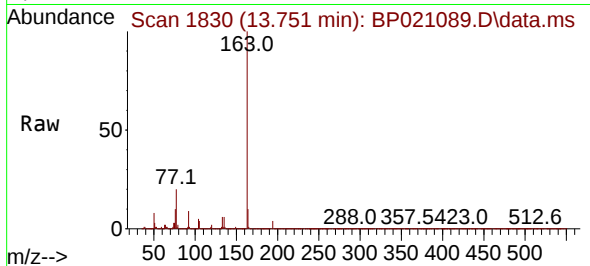
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 268595 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 70.7  | 56.7  | 85.1   |
| 138       | 107.9 | 85.6  | 128.4  |





#47  
Dimethylphthalate  
Concen: 26.226 ng/ul  
RT: 13.751 min Scan# 1830  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

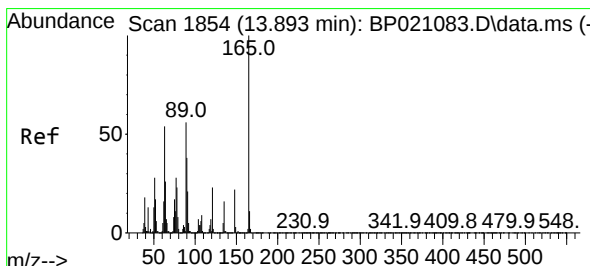
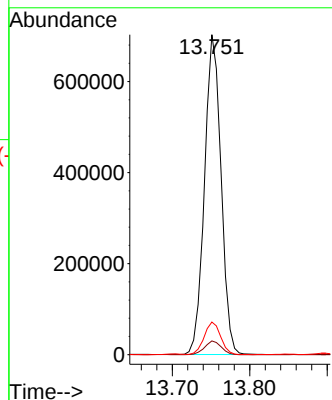
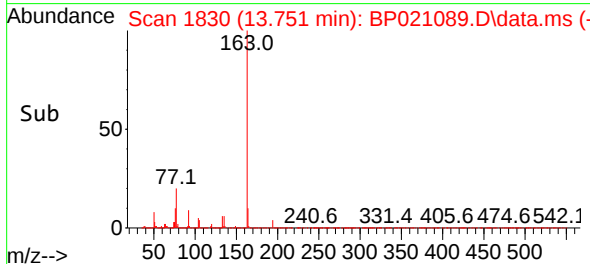
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



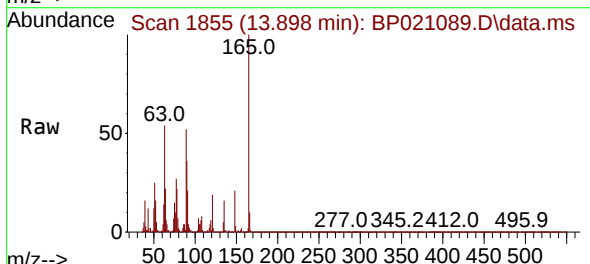
Tgt Ion:163 Resp: 104159  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.2 8.1 12.1

Manual Integrations  
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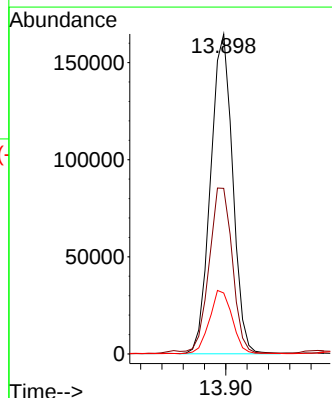
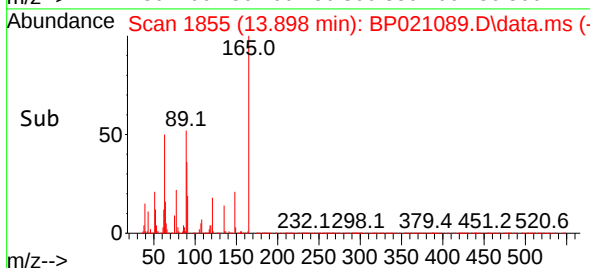
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024

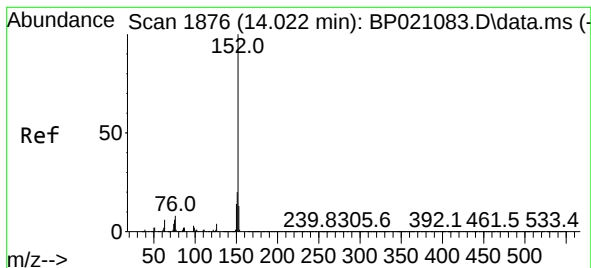


#48  
2,6-Dinitrotoluene  
Concen: 29.846 ng/ul  
RT: 13.898 min Scan# 1855  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29



Tgt Ion:165 Resp: 236994  
Ion Ratio Lower Upper  
165 100  
89 51.8 44.7 67.1  
121 19.0 16.5 24.7





#50

Acenaphthylene

Concen: 29.788 ng/ul

RT: 14.010 min Scan# 1876

Delta R.T. -0.018 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:152 Resp: 1482318

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

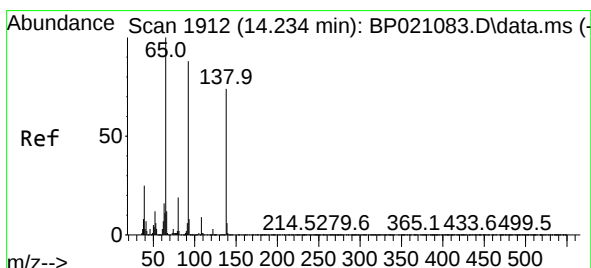
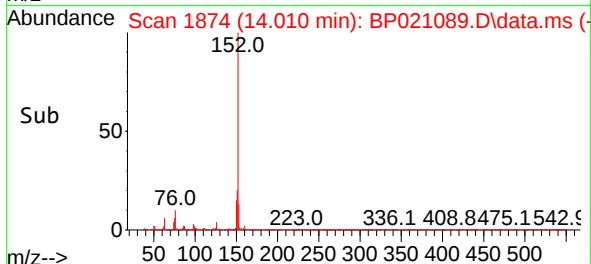
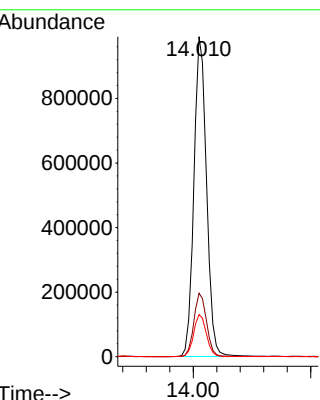
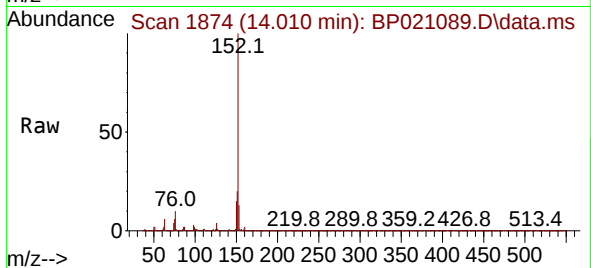
153 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#51

3-Nitroaniline

Concen: 29.510 ng/ul

RT: 14.239 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

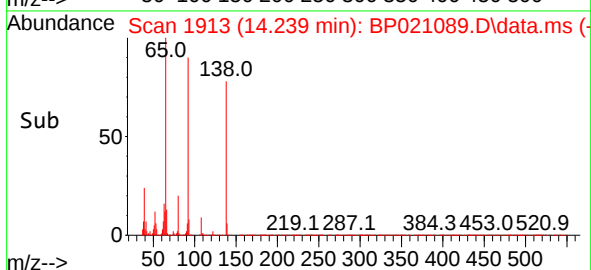
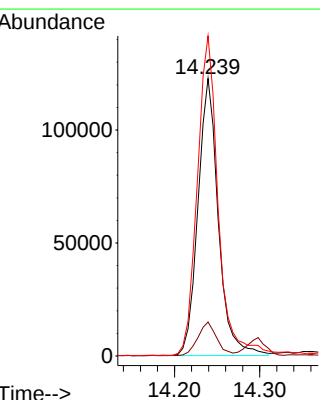
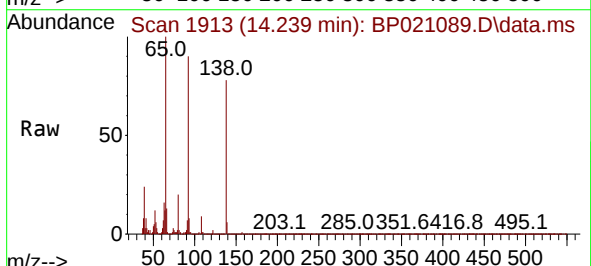
Tgt Ion:138 Resp: 203905

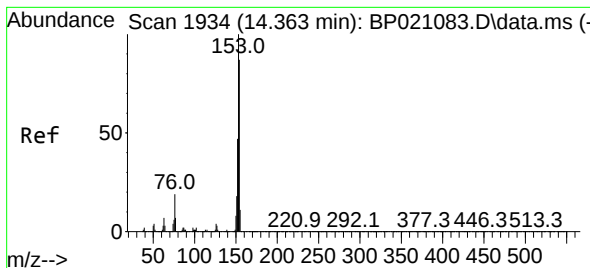
Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.8

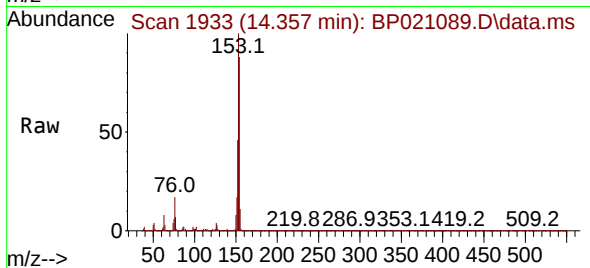
92 115.3 98.0 147.0





#52  
Acenaphthene  
Concen: 40.933 ng/ul  
RT: 14.357 min Scan# 1933  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

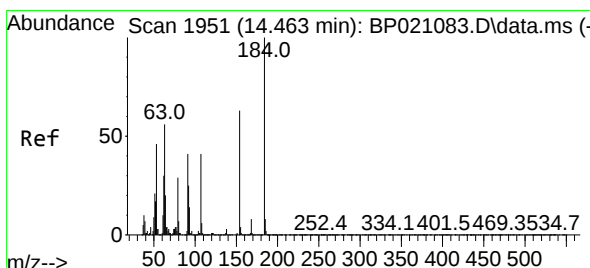
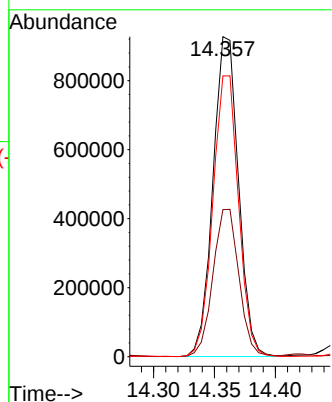
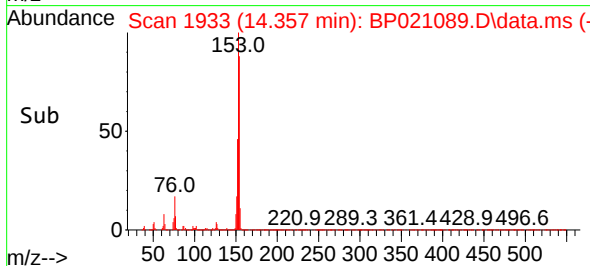
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:153 Resp: 135198  
Ion Ratio Lower Upper  
153 100  
152 46.0 37.8 56.6  
154 87.8 71.8 107.6

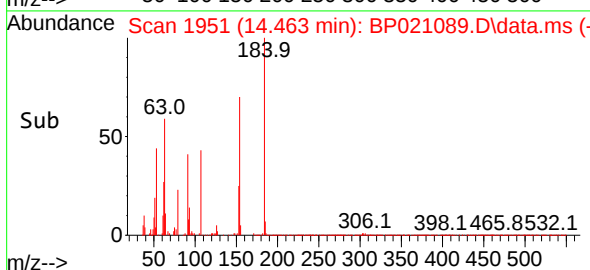
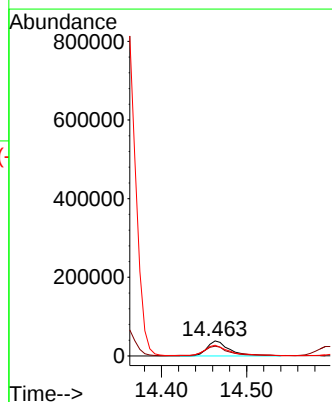
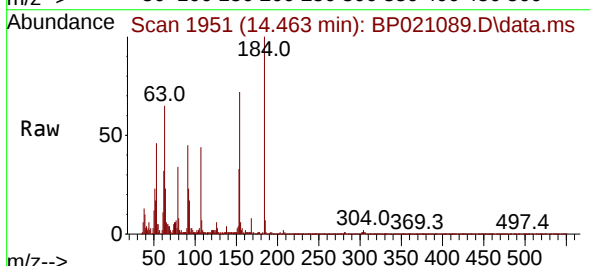
Manual Integrations  
APPROVED

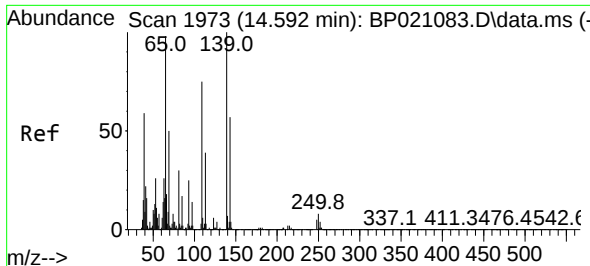
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#53  
2,4-Dinitrophenol  
Concen: 16.774 ng/ul  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

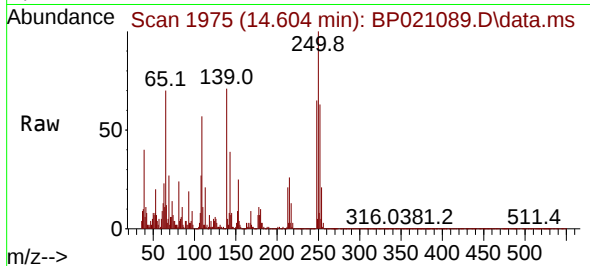
Tgt Ion:184 Resp: 69946  
Ion Ratio Lower Upper  
184 100  
63 65.2 50.3 75.5  
154 71.8 53.0 79.6





#55  
4-Nitrophenol  
Concen: 37.769 ng/ul  
RT: 14.604 min Scan# 1975  
Delta R.T. -0.024 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

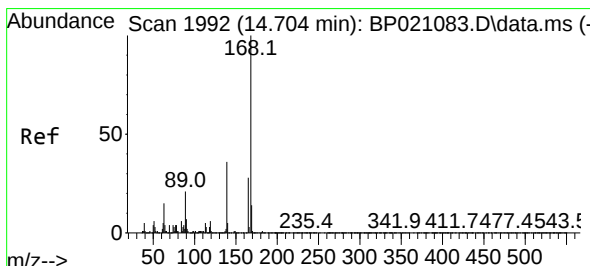
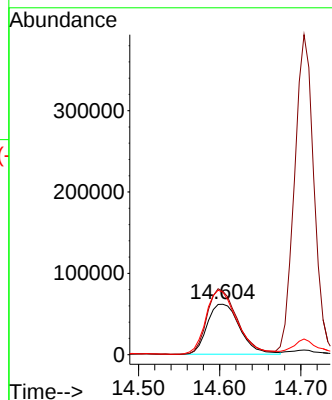
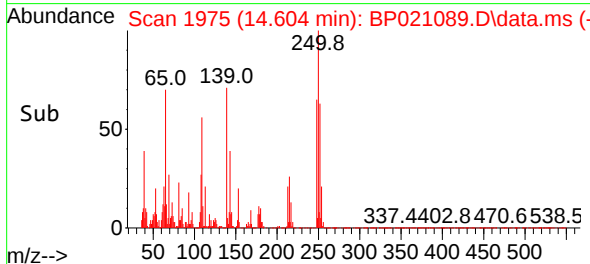
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:109 Resp: 171102  
Ion Ratio Lower Upper  
109 100  
139 125.7 98.0 147.0  
65 123.9 106.0 159.0

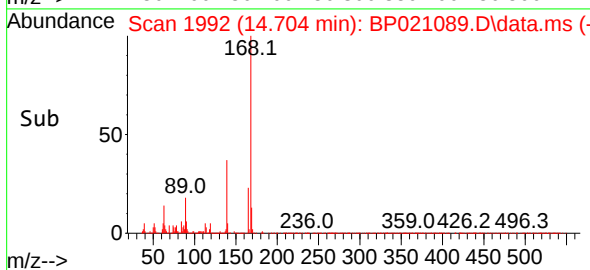
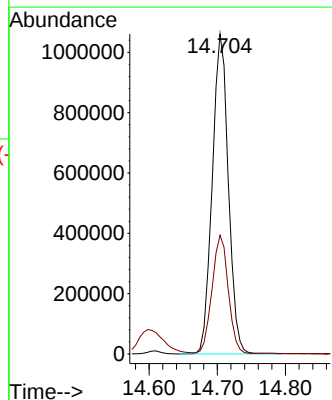
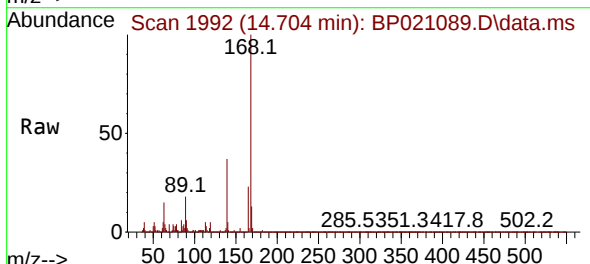
Manual Integrations  
APPROVED

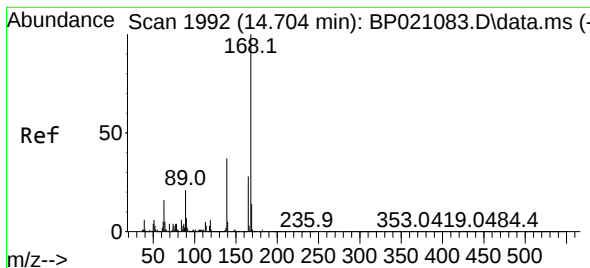
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#56  
Dibenzofuran  
Concen: 38.490 ng/ul  
RT: 14.704 min Scan# 1992  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:168 Resp: 1740903  
Ion Ratio Lower Upper  
168 100  
139 37.1 31.1 46.7





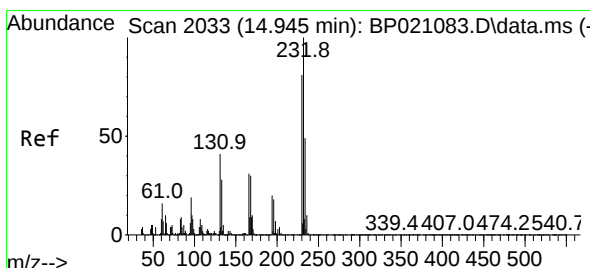
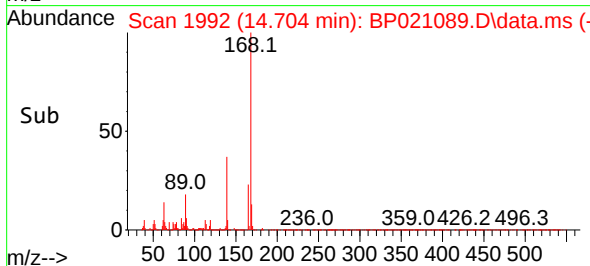
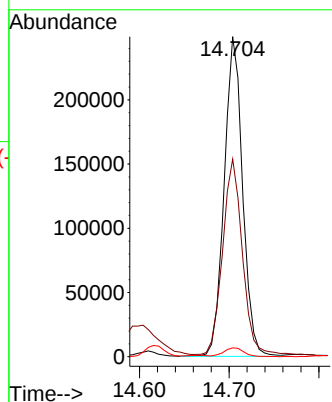
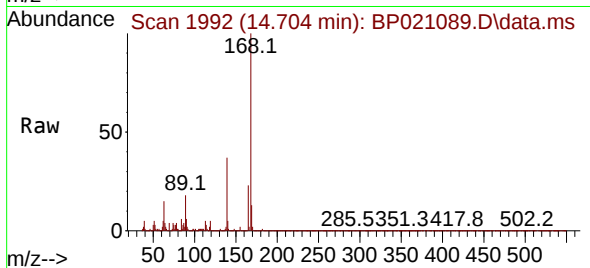
#57  
2,4-Dinitrotoluene  
Concen: 32.551 ng/ul  
RT: 14.704 min Scan# 1992  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:165 Resp: 354815  
Ion Ratio Lower Upper  
165 100  
63 61.7 41.0 61.4  
182 2.8 2.2 3.4

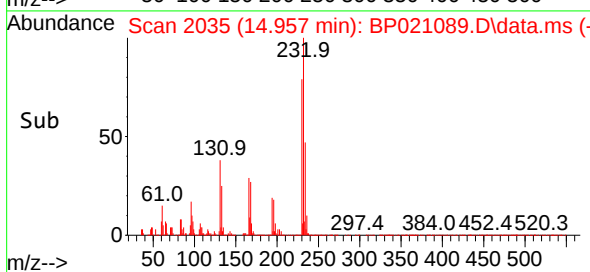
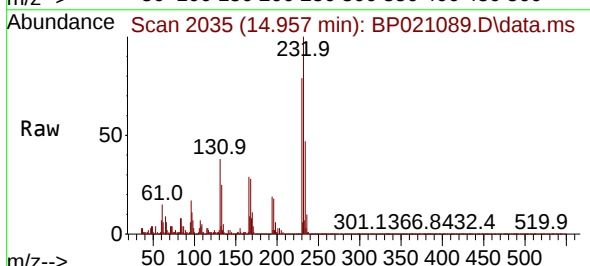
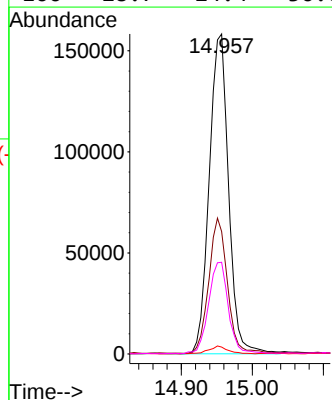
Manual Integrations  
APPROVED

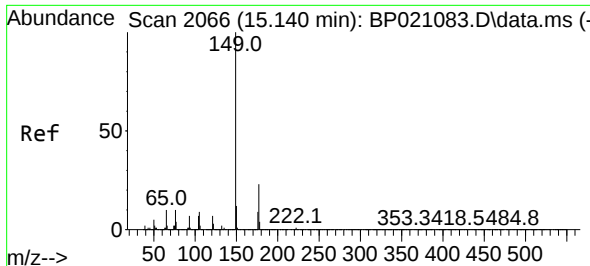
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 29.914 ng/ul  
RT: 14.957 min Scan# 2035  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

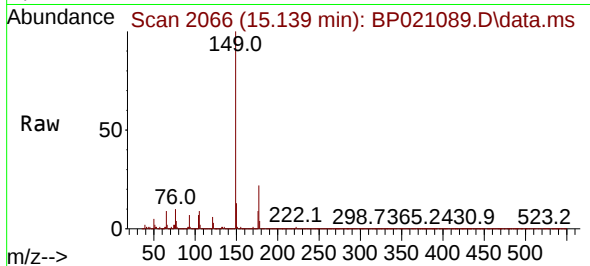
Tgt Ion:232 Resp: 299472  
Ion Ratio Lower Upper  
232 100  
131 38.2 34.4 51.6  
130 2.1 2.0 3.0  
166 28.7 24.4 36.6





#59  
Diethylphthalate  
Concen: 26.422 ng/ul  
RT: 15.139 min Scan# 2066  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

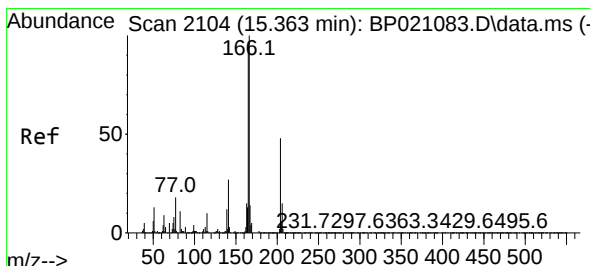
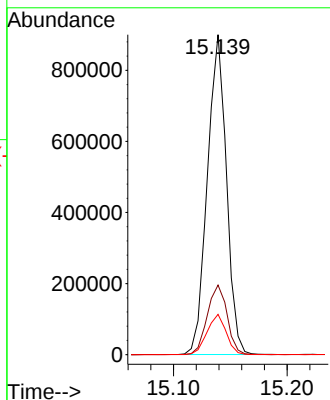
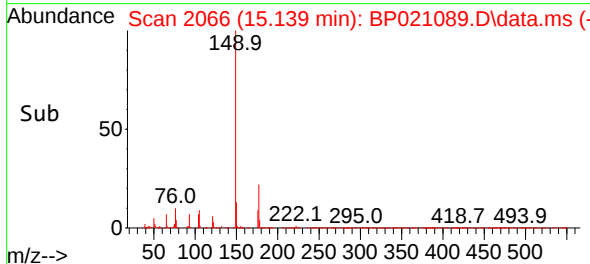
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:149 Resp: 1048738  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.7 26.5  
150 12.6 10.2 15.2

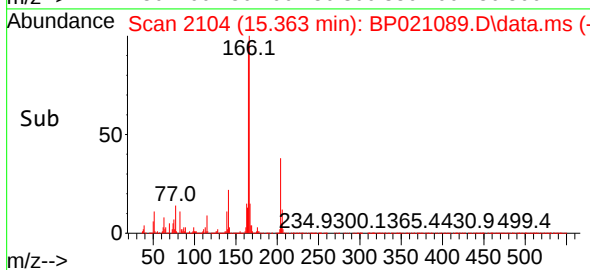
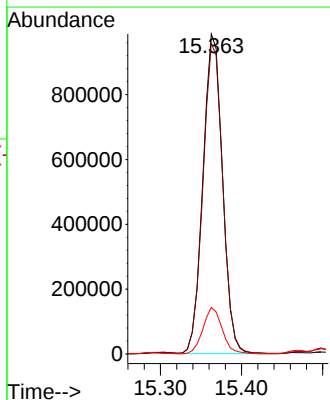
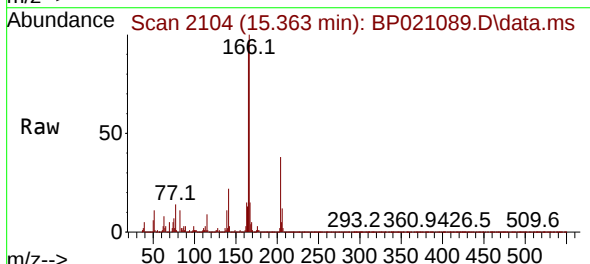
Manual Integrations  
APPROVED

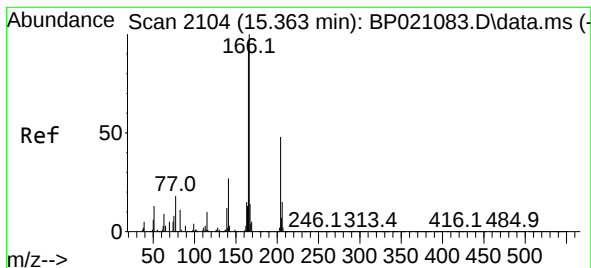
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#61  
Fluorene  
Concen: 44.682 ng/ul  
RT: 15.363 min Scan# 2104  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

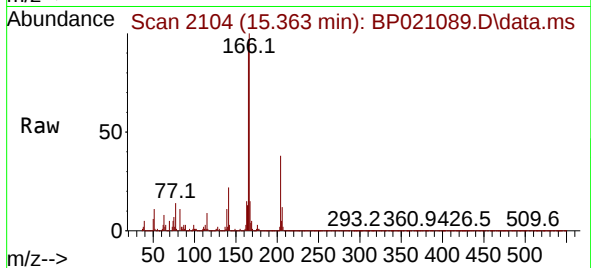
Tgt Ion:166 Resp: 1649158  
Ion Ratio Lower Upper  
166 100  
165 97.1 78.1 117.1  
167 14.6 10.9 16.3





#62  
4-Chlorophenyl-phenylether  
Concen: 26.765 ng/ul  
RT: 15.363 min Scan# 2104  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

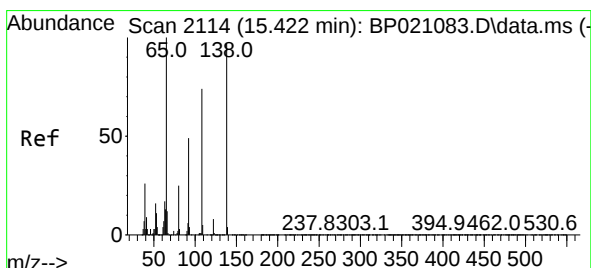
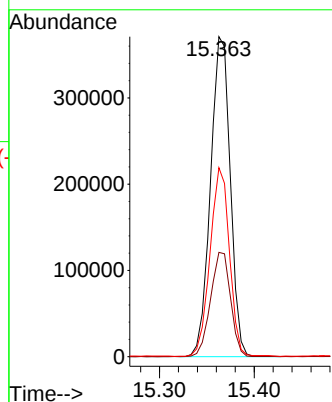
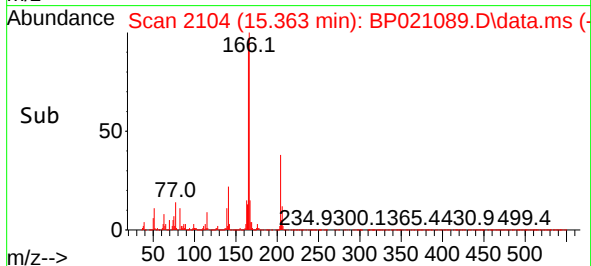
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



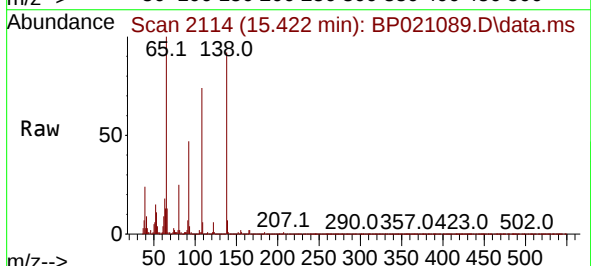
Tgt Ion:204 Resp: 536040  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.4 39.6  
141 59.0 48.5 72.7

Manual Integrations  
APPROVED

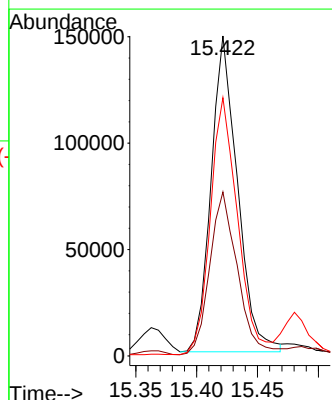
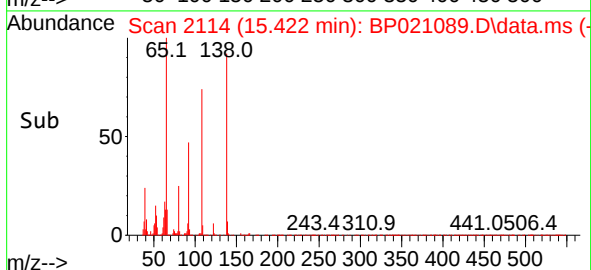
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024

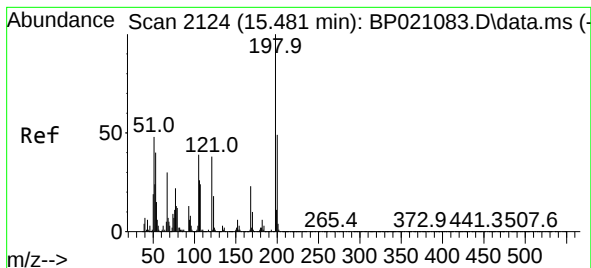


#63  
4-Nitroaniline  
Concen: 39.190 ng/ul  
RT: 15.422 min Scan# 2114  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29



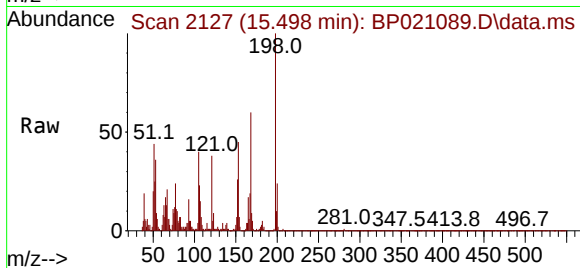
Tgt Ion:138 Resp: 224251  
Ion Ratio Lower Upper  
138 100  
92 51.2 40.9 61.3  
108 80.7 64.7 97.1





#66  
4,6-Dinitro-2-methylphenol  
Concen: 17.758 ng/ul  
RT: 15.498 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

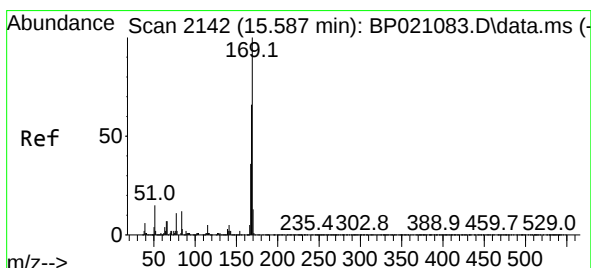
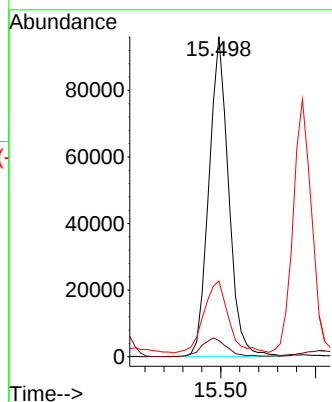
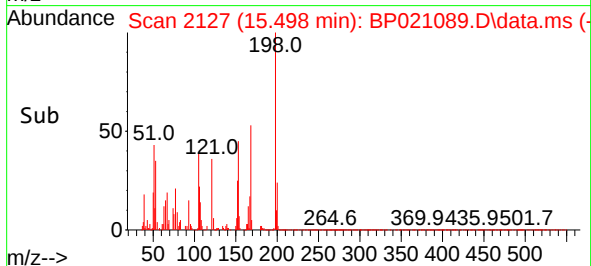
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:198 Resp: 13855  
Ion Ratio Lower Upper  
198 100  
182 5.0 3.8 5.6  
77 23.7 20.0 30.0

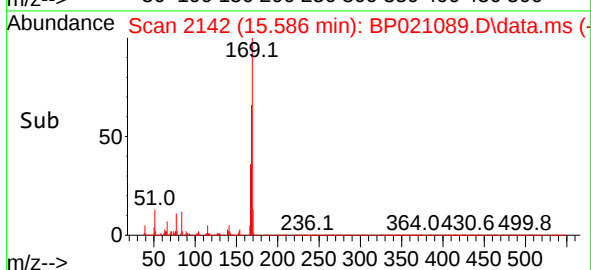
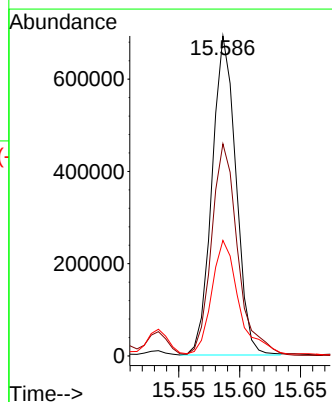
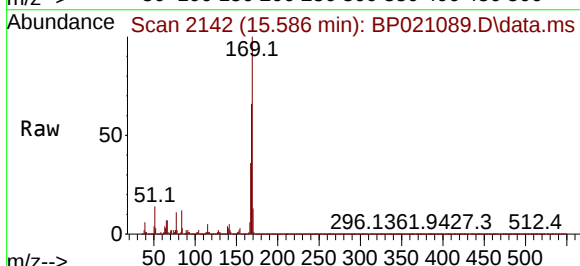
Manual Integrations  
APPROVED

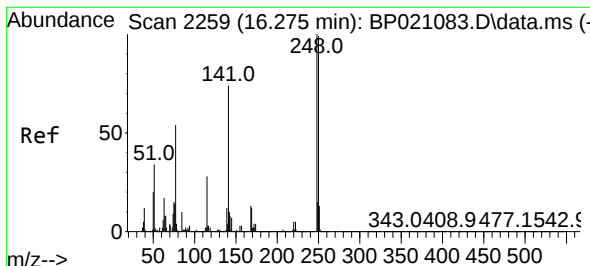
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#67  
N-Nitrosodiphenylamine  
Concen: 26.768 ng/ul  
RT: 15.586 min Scan# 2142  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

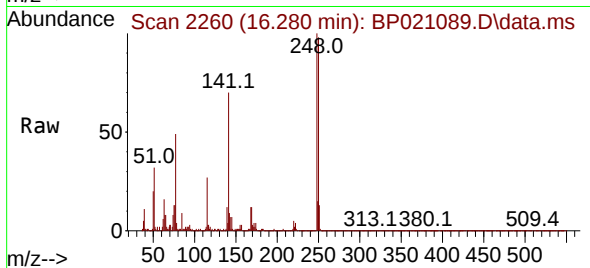
Tgt Ion:169 Resp: 947833  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.4 80.2  
167 36.1 28.4 42.6





#68  
4-Bromophenyl-phenylether  
Concen: 25.276 ng/ul  
RT: 16.280 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

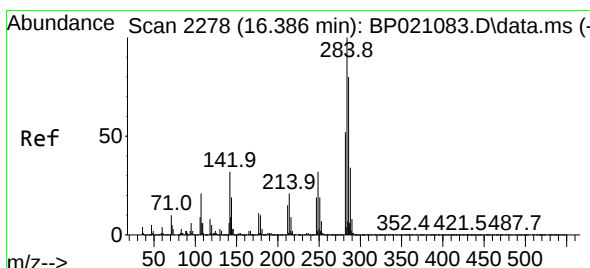
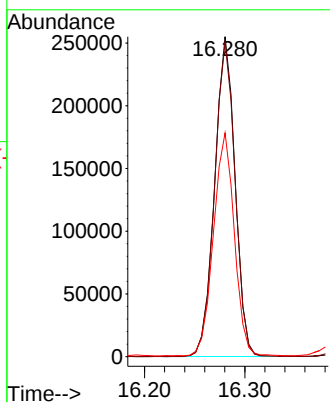
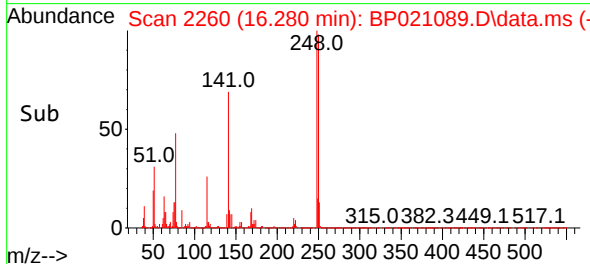
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:248 Resp: 360252  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.3 118.9  
141 69.9 57.4 86.0

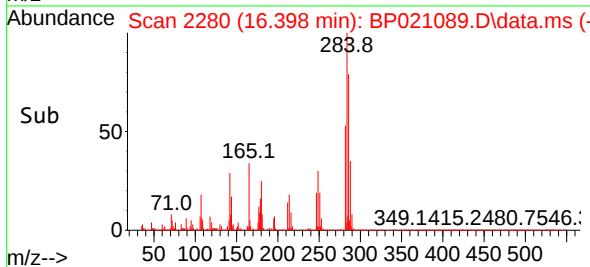
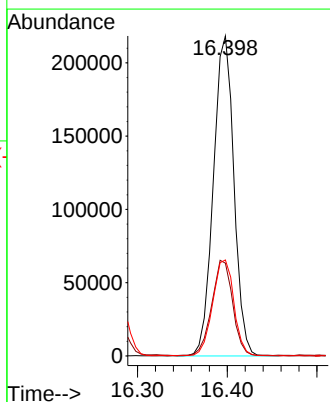
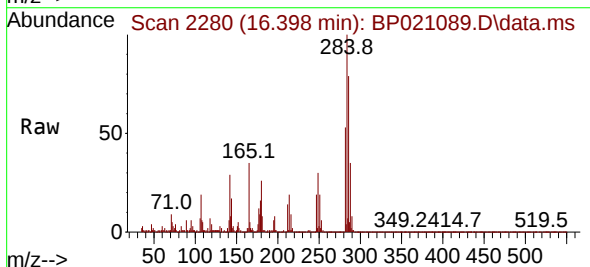
Manual Integrations  
APPROVED

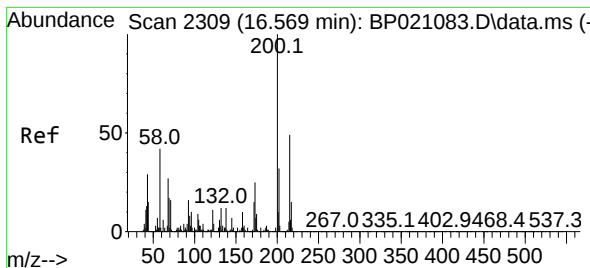
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#69  
Hexachlorobenzene  
Concen: 21.184 ng/ul  
RT: 16.398 min Scan# 2280  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:284 Resp: 346188  
Ion Ratio Lower Upper  
284 100  
142 29.0 25.8 38.8  
249 30.0 25.1 37.7





#70

Atrazine

Concen: 20.578 ng/ul

RT: 16.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

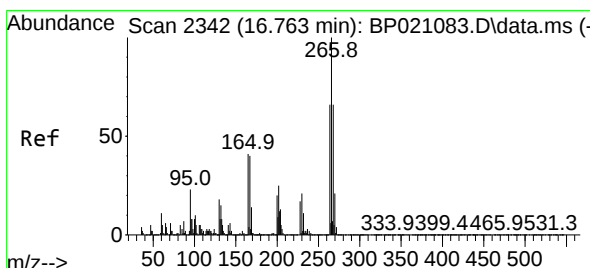
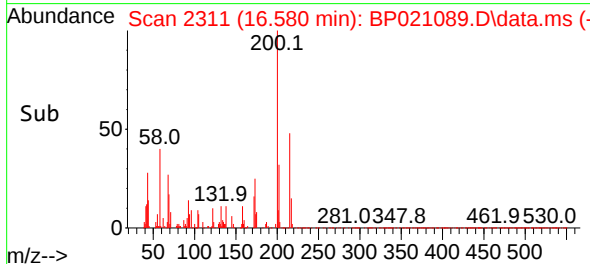
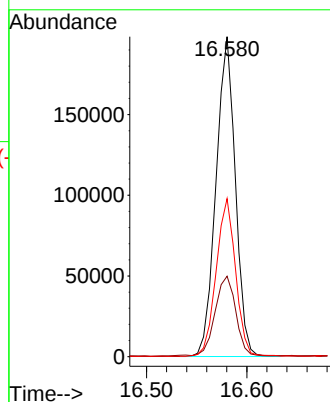
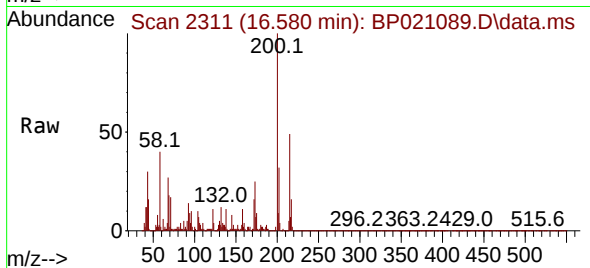
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 26556 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.2  | 20.8  | 31.2  |
| 215       | 49.4  | 38.7  | 58.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#71

Pentachlorophenol

Concen: 24.316 ng/ul

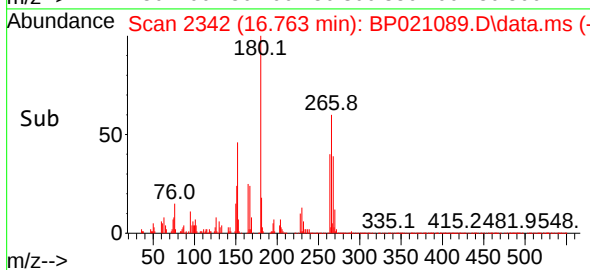
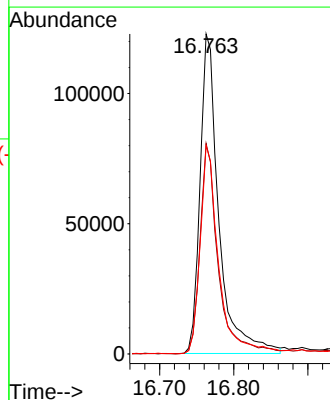
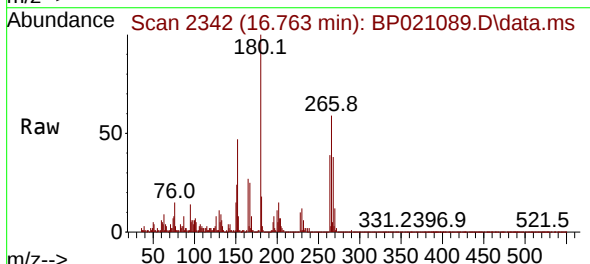
RT: 16.763 min Scan# 2342

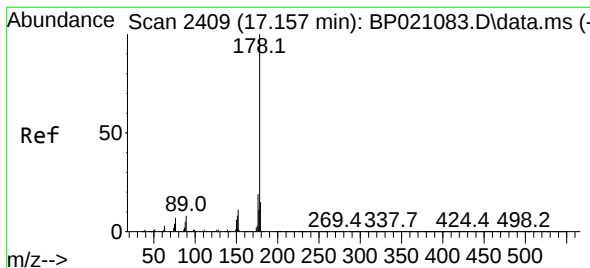
Delta R.T. -0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

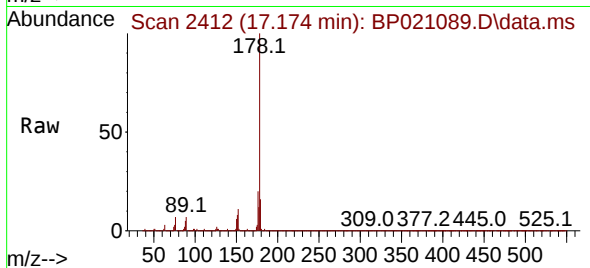
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 215830 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 264       | 65.8  | 52.3  | 78.5   |
| 268       | 65.2  | 52.3  | 78.5   |





#72  
Phenanthrene  
Concen: 181.539 ng/u1  
RT: 17.174 min Scan# 2412  
Delta R.T. 0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

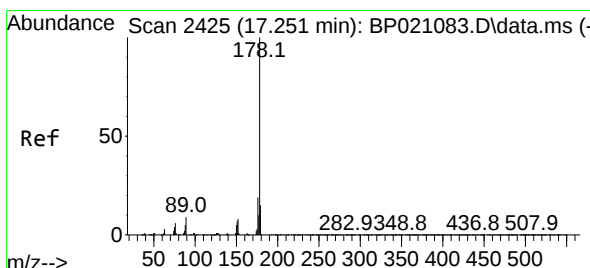
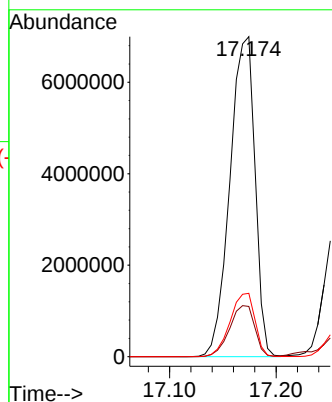
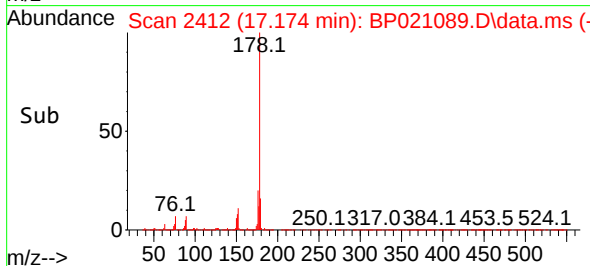
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



Tgt Ion:178 Resp:11451650  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.2 18.4  
176 19.8 15.0 22.4

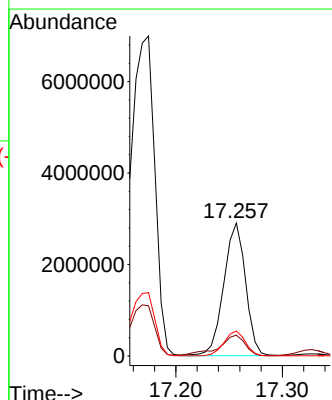
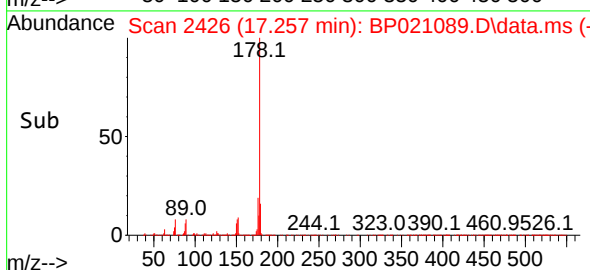
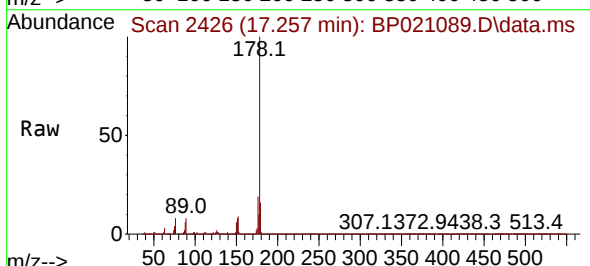
Manual Integrations  
APPROVED

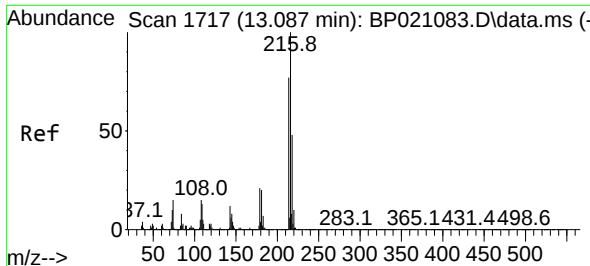
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#74  
Anthracene  
Concen: 64.193 ng/u1  
RT: 17.257 min Scan# 2426  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:178 Resp: 4128185  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.5 18.7  
176 18.8 14.8 22.2





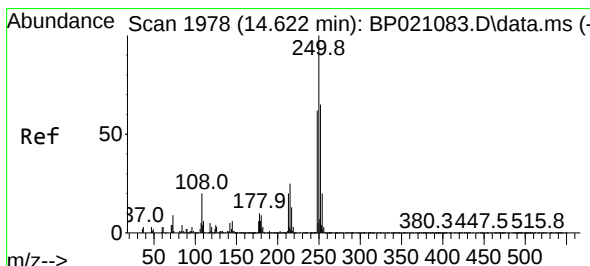
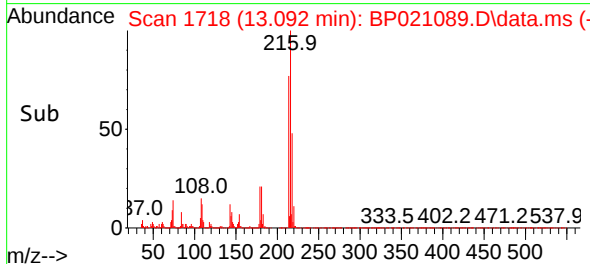
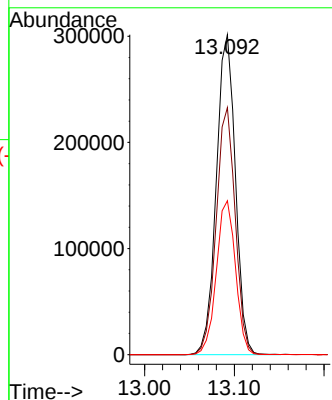
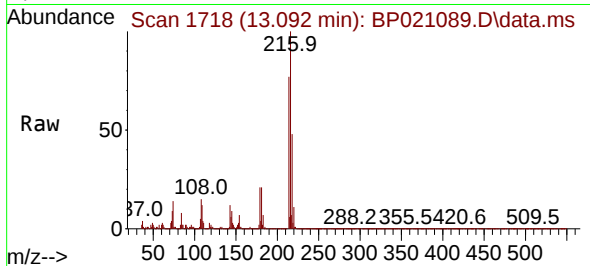
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 22.860 ng/uL  
RT: 13.092 min Scan# 1718  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD

Tgt Ion:216 Resp: 444920  
Ion Ratio Lower Upper  
216 100  
214 77.2 63.2 94.8  
218 48.1 38.2 57.4

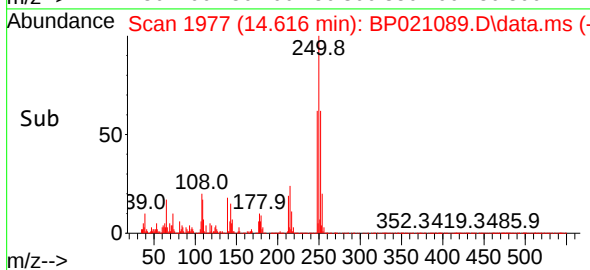
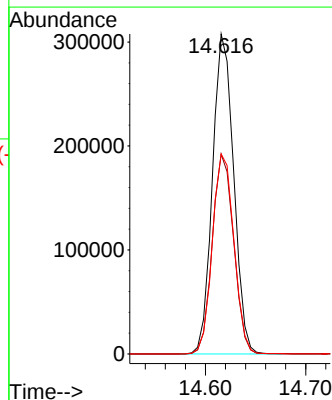
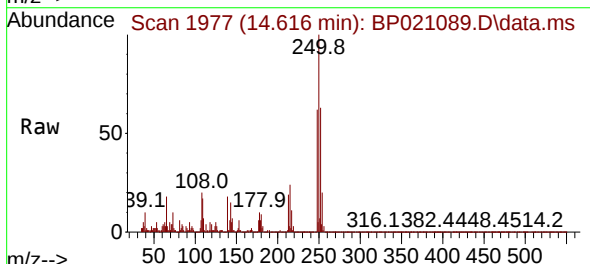
Manual Integrations  
APPROVED

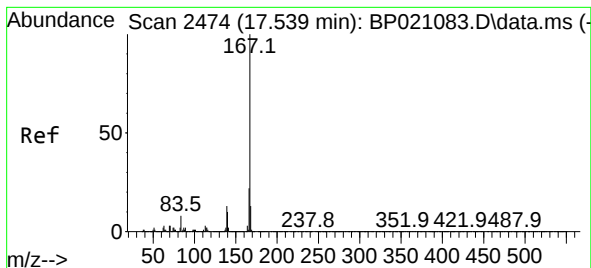
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024



#76  
Pentachlorobenzene  
Concen: 23.319 ng/uL  
RT: 14.616 min Scan# 1977  
Delta R.T. -0.018 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

Tgt Ion:250 Resp: 450969  
Ion Ratio Lower Upper  
250 100  
248 62.5 50.8 76.2  
252 62.5 51.6 77.4





#77

Carbazole

Concen: 49.847 ng/ul

RT: 17.545 min Scan# 2474

Delta R.T. -0.018 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:167 Resp: 262045

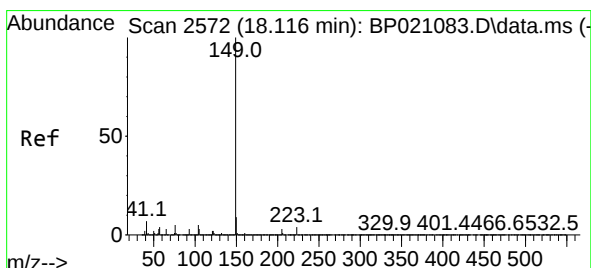
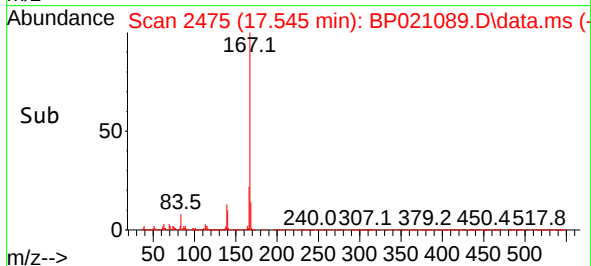
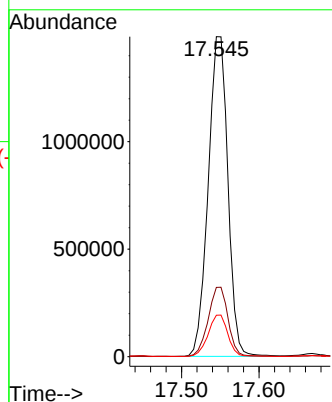
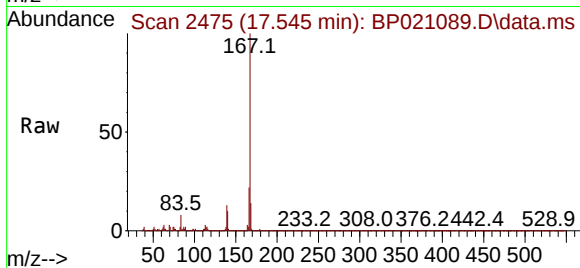
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.3  | 25.9  |
| 139 | 13.0  | 10.2  | 15.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#78

Di-n-butylphthalate

Concen: 25.942 ng/ul

RT: 18.121 min Scan# 2573

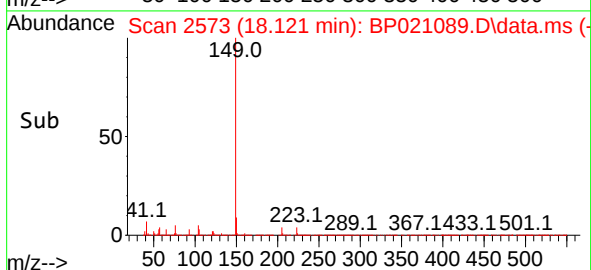
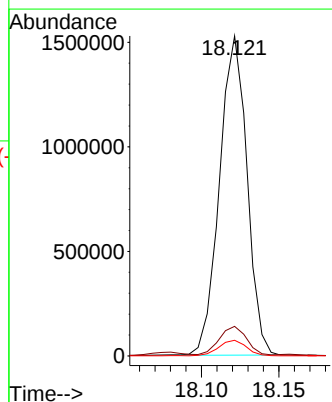
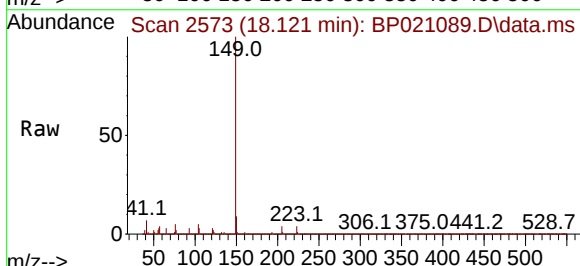
Delta R.T. -0.000 min

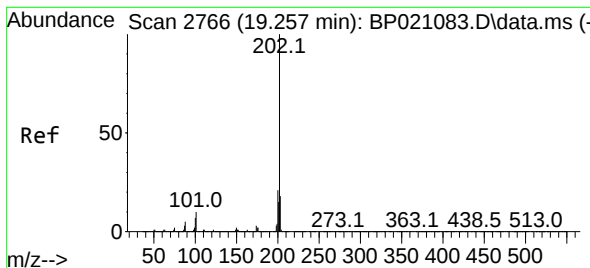
Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Tgt Ion:149 Resp: 1881583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 4.9   | 3.9   | 5.9   |





#80

Fluoranthene

Concen: 178.695 ng/u1

RT: 19.274 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:202 Resp:15234800

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

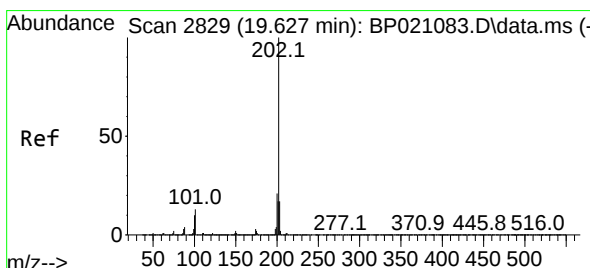
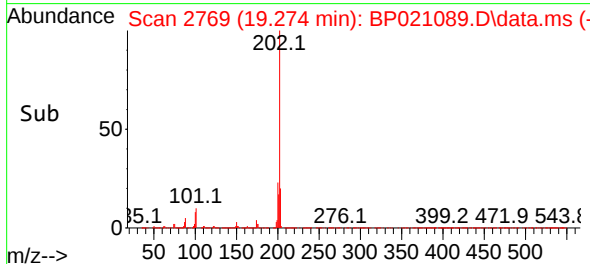
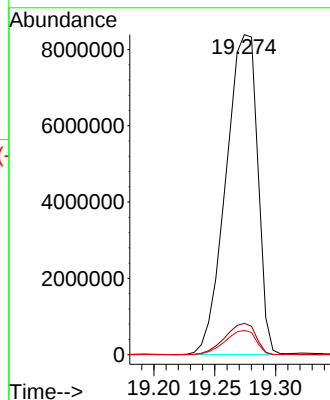
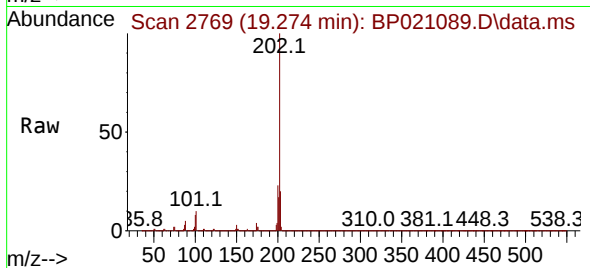
100 7.6 6.1 9.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#82

Pyrene

Concen: 128.049 ng/u1

RT: 19.651 min Scan# 2833

Delta R.T. 0.006 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

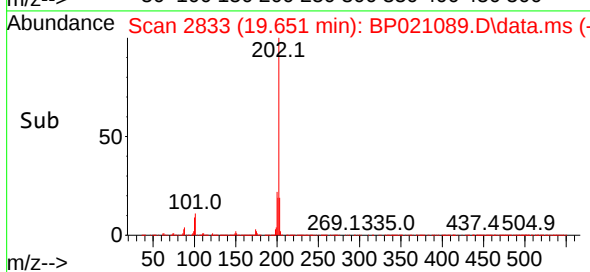
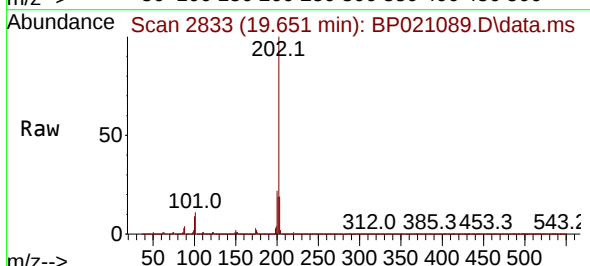
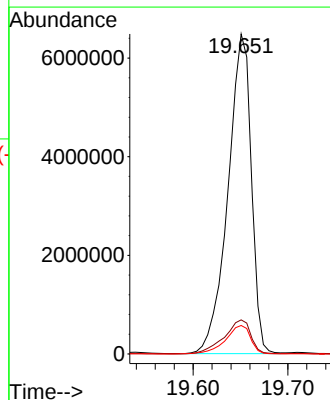
Tgt Ion:202 Resp:11108978

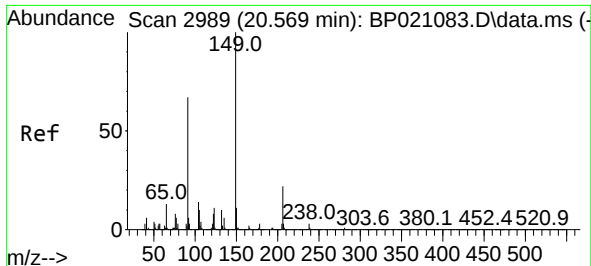
Ion Ratio Lower Upper

202 100

101 10.6 9.4 14.2

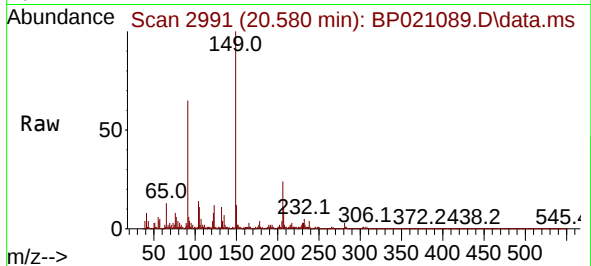
100 8.9 7.8 11.6





#83  
Butylbenzylphthalate  
Concen: 25.832 ng/ul  
RT: 20.580 min Scan# 2989  
Delta R.T. -0.006 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29

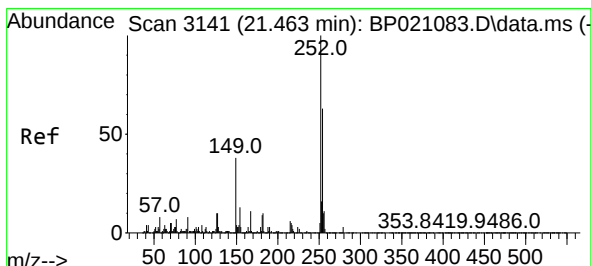
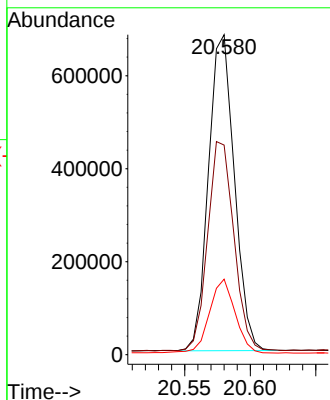
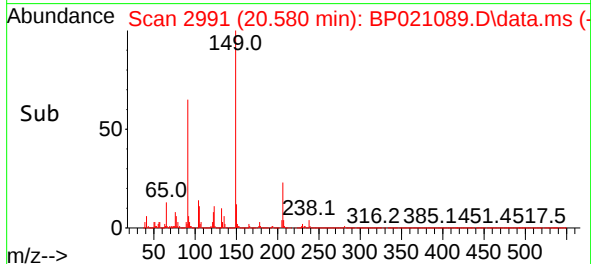
Instrument :  
BNA\_P  
ClientSampleId :  
A4BE6MSD



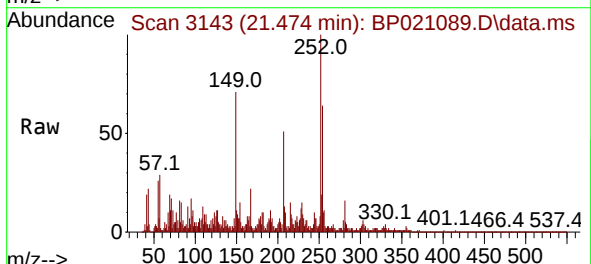
Tgt Ion:149 Resp: 933720  
Ion Ratio Lower Upper  
149 100  
91 65.5 54.1 81.1  
206 23.6 17.0 25.6

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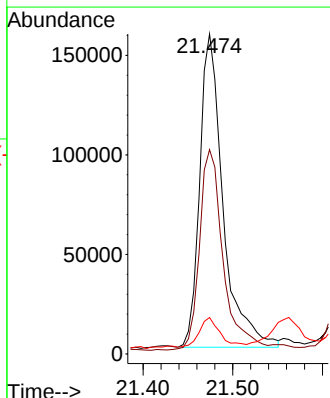
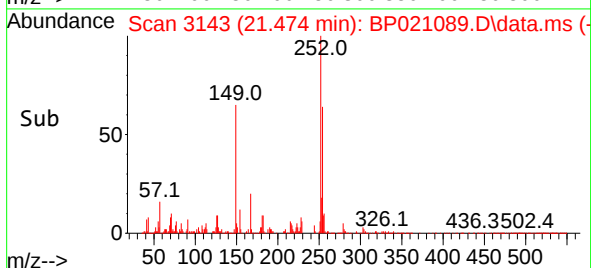
Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/25/2024

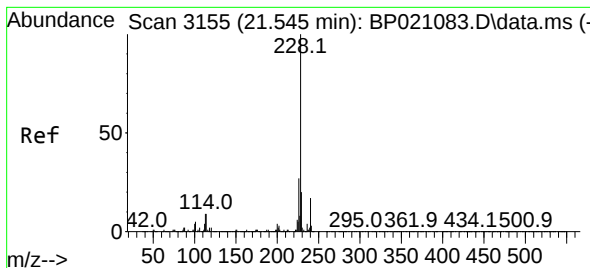


#84  
3,3'-Dichlorobenzidine  
Concen: 10.903 ng/ul  
RT: 21.474 min Scan# 3143  
Delta R.T. -0.012 min  
Lab File: BP021089.D  
Acq: 22 Jul 2024 15:29



Tgt Ion:252 Resp: 284497  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.5 77.3  
126 11.4 8.0 12.0





#85

Benzo(a)anthracene

Concen: 107.532 ng/ul

RT: 21.562 min Scan# 3158

Delta R.T. -0.000 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:228 Resp: 860147

Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

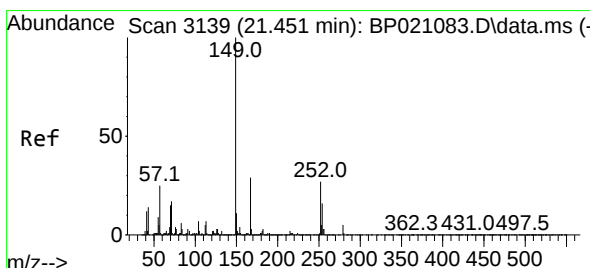
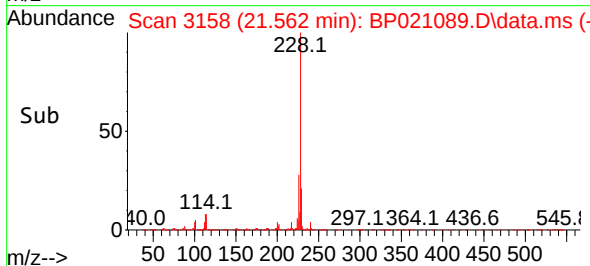
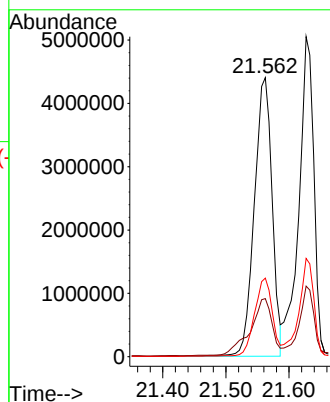
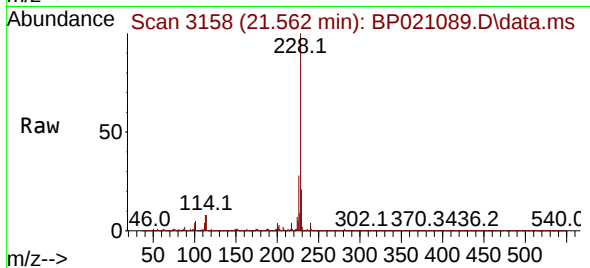
226 28.1 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.190 ng/ul

RT: 21.456 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

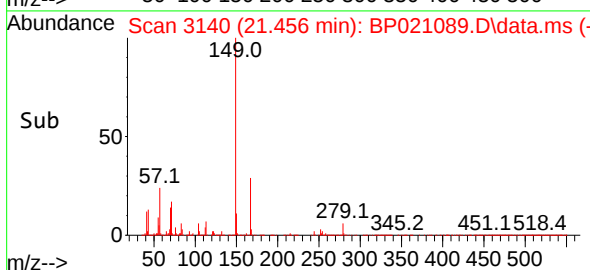
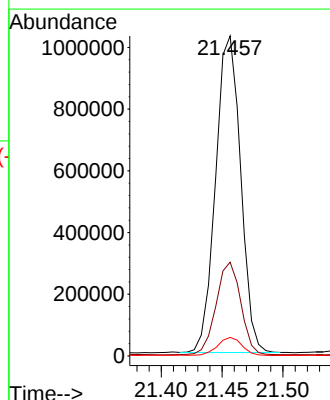
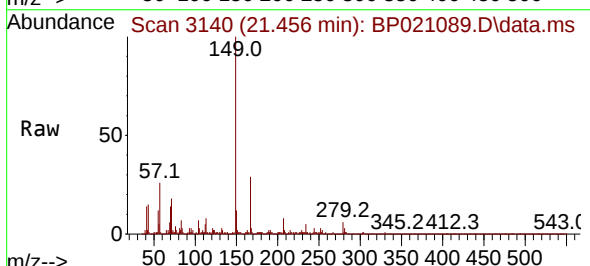
Tgt Ion:149 Resp: 1466393

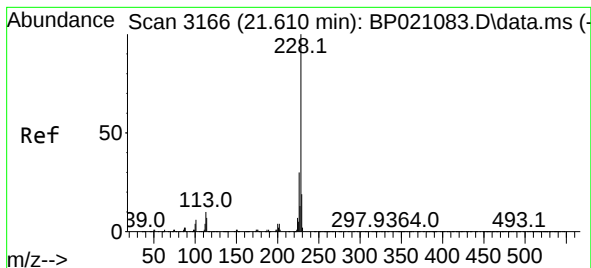
Ion Ratio Lower Upper

149 100

167 29.3 22.1 33.1

279 5.8 3.7 5.5#





#87

Chrysene

Concen: 112.239 ng/ul

RT: 21.627 min Scan# 3169

Delta R.T. -0.000 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:228 Resp: 834253

Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

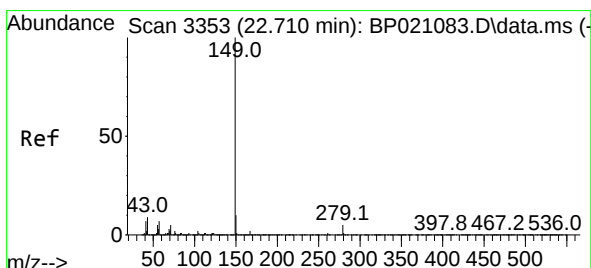
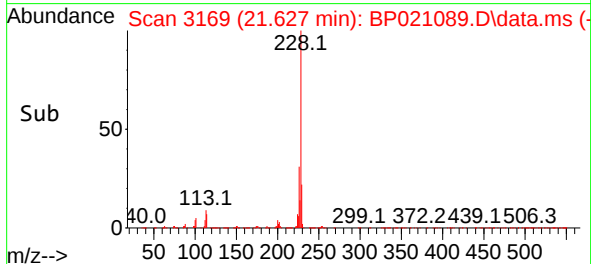
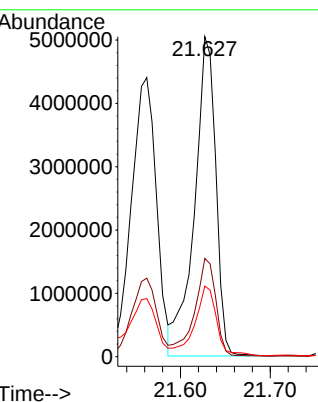
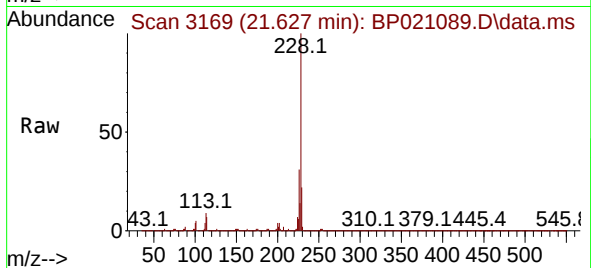
229 22.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#89

Di-n-octyl phthalate

Concen: 23.727 ng/ul

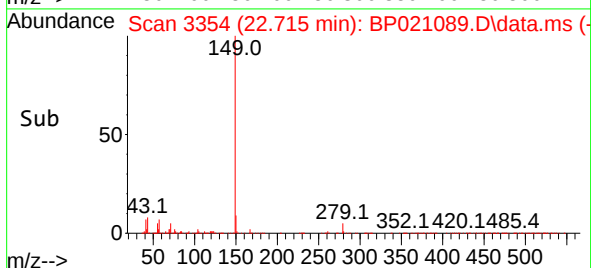
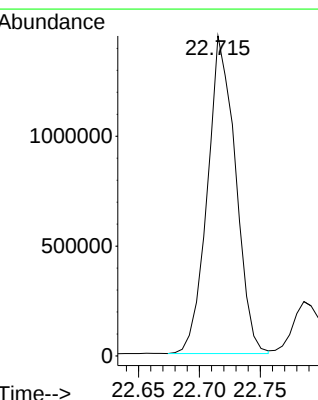
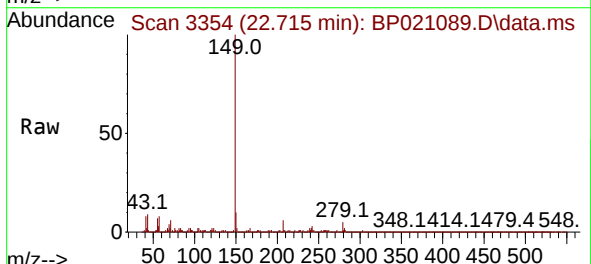
RT: 22.715 min Scan# 3354

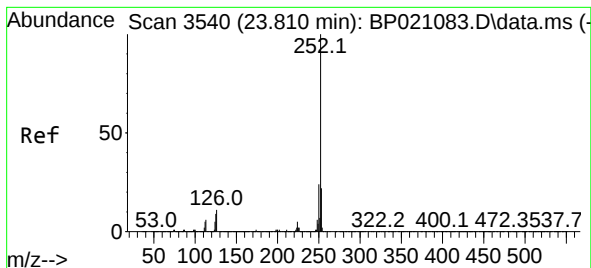
Delta R.T. -0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Tgt Ion:149 Resp: 2315580





#90

Benzo(b)fluoranthene

Concen: 117.742 ng/ul

RT: 23.856 min Scan# 3548

Delta R.T. 0.006 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNP

ClientSampleId :

A4BE6MSD

Tgt Ion:252 Resp:1055559

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

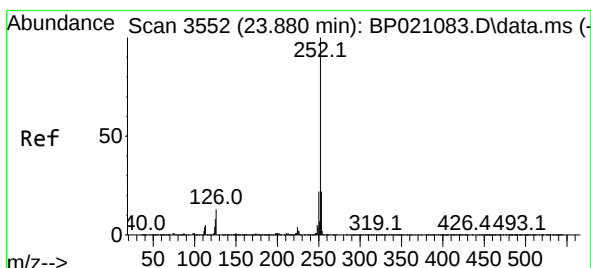
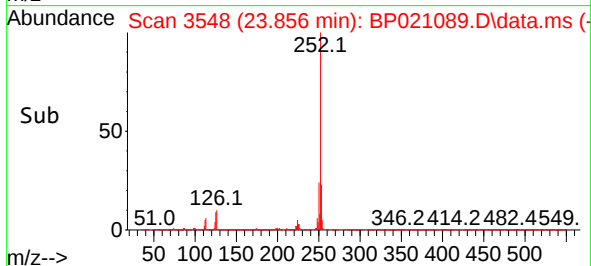
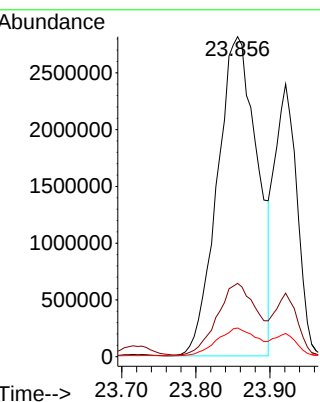
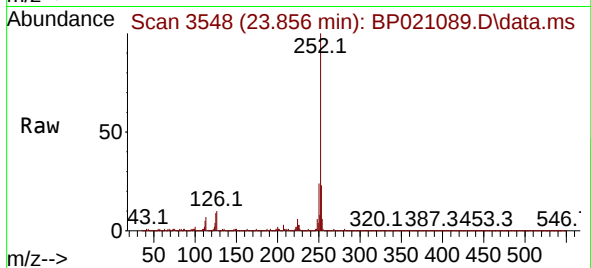
125 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#91

Benzo(k)fluoranthene

Concen: 55.884 ng/ul

RT: 23.921 min Scan# 3559

Delta R.T. -0.000 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

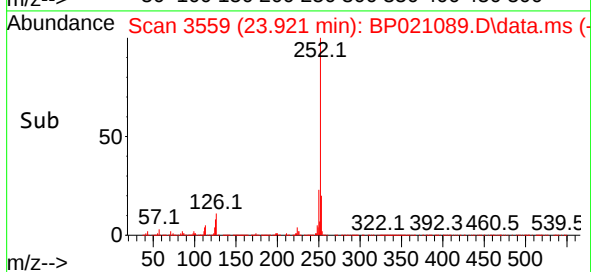
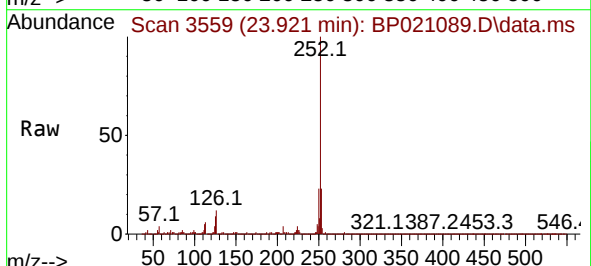
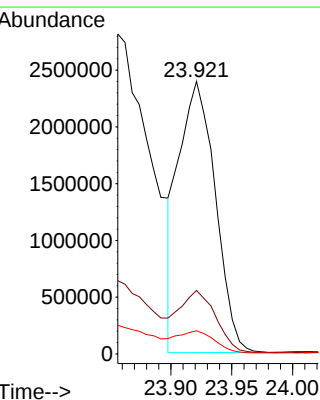
Tgt Ion:252 Resp: 4999894

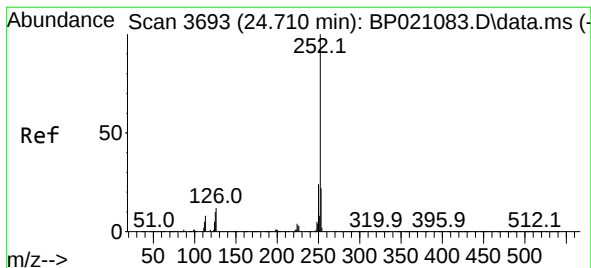
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 8.5 7.4 11.0





#93

Benzo(a)pyrene

Concen: 49.756 ng/ul

RT: 24.739 min Scan# 30

Delta R.T. -0.024 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:252 Resp: 421517

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

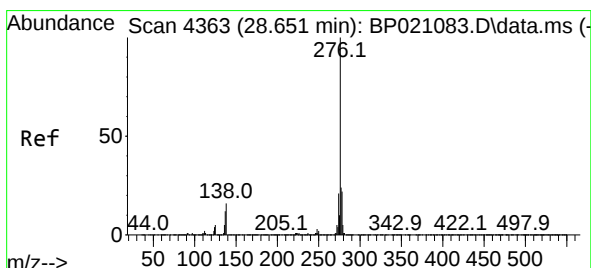
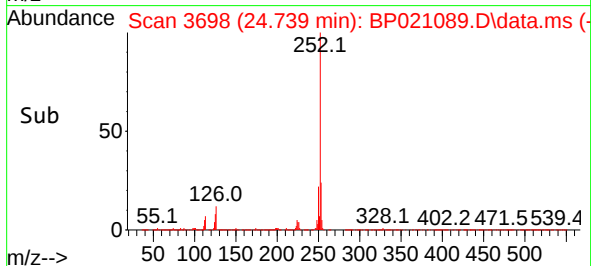
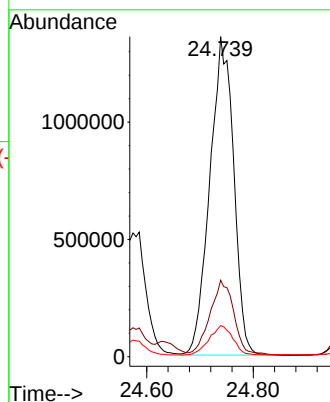
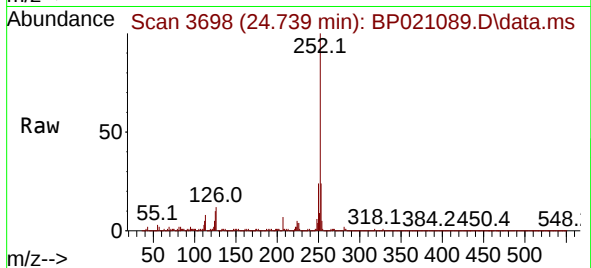
125 9.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 45.708 ng/ul

RT: 28.703 min Scan# 4372

Delta R.T. -0.000 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

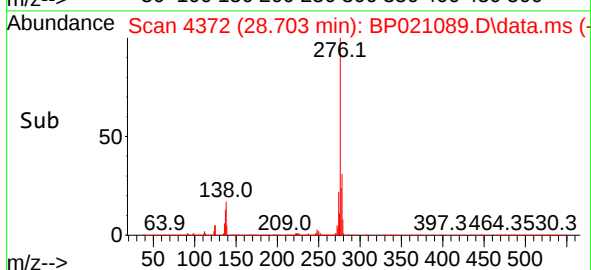
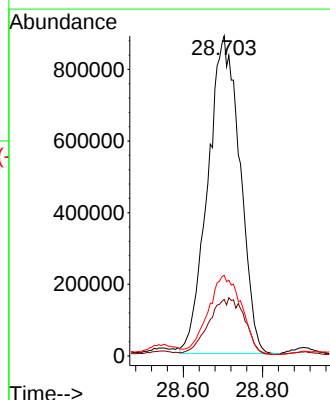
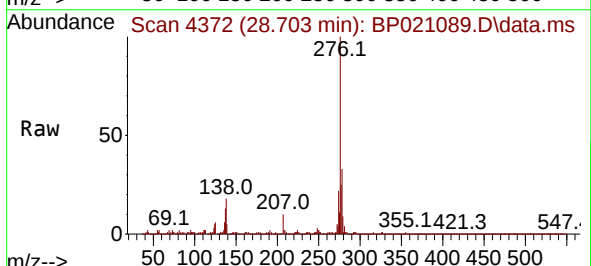
Tgt Ion:276 Resp: 4989787

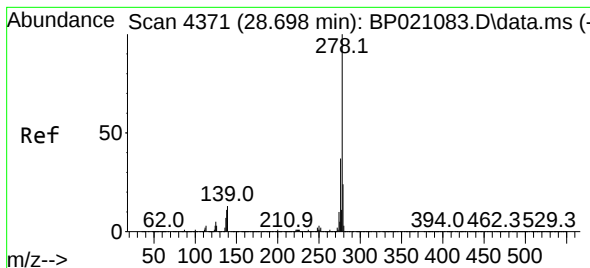
Ion Ratio Lower Upper

276 100

138 17.6 14.3 21.5

277 25.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 38.828 ng/ul

RT: 28.750 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Instrument :

BNA\_P

ClientSampleId :

A4BE6MSD

Tgt Ion:278 Resp: 351002

Ion Ratio Lower Upper

278 100

139 12.7 10.9 16.3

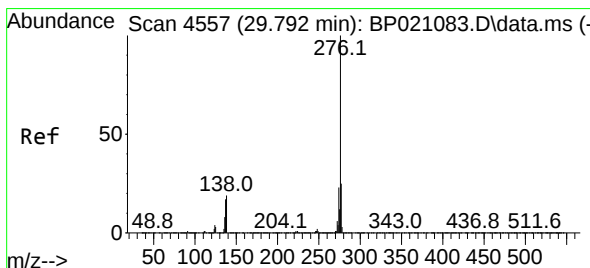
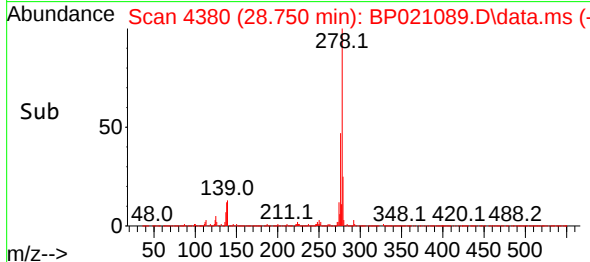
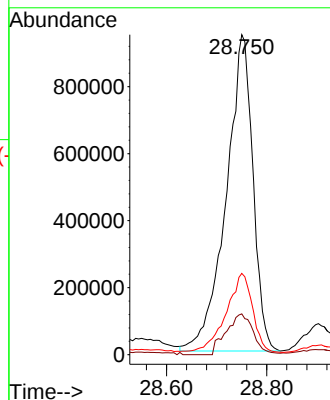
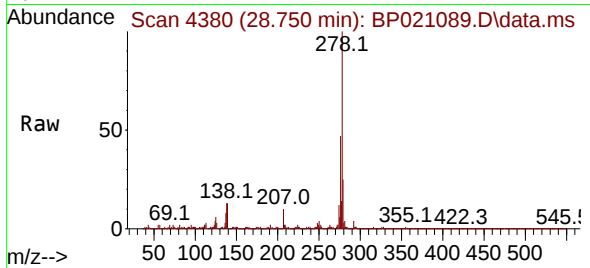
279 25.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#96

Benzo(g,h,i)perylene

Concen: 7.116 ng/ul m

RT: 29.844 min Scan# 4566

Delta R.T. -0.006 min

Lab File: BP021089.D

Acq: 22 Jul 2024 15:29

Tgt Ion:276 Resp: 632661

Ion Ratio Lower Upper

276 100

138 20.2 15.3 22.9

277 26.3 18.2 27.2

