

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051324\  
 Data File : BP020361.D  
 Acq On : 13 May 2024 20:03  
 Operator : MA/JU  
 Sample : P2371-03MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A43Q5MSD

Quant Time: May 13 22:53:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 13 10:50:47 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024  
 Supervised By :mohammad ahmed 05/15/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.610  | 152  | 71298    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.381 | 136  | 295323   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.287 | 164  | 201056   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.122 | 188  | 447692   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.604 | 240  | 482790   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.957 | 264  | 546822   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.211  | 96   | 8867     | 5.252  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.611  | 84   | 120737   | 24.613 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.799  | 99   | 189460   | 30.942 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.963  | 67   | 110573   | 29.728 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.146  | 132  | 145724   | 33.292 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.322  | 113  | 148234   | 29.944 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.769  | 128  | 75241    | 34.023 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.481  | 143  | 87890    | 34.705 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.016 | 165  | 162999   | 35.271 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.540 | 131  | 205773   | 31.814 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 514483   | 35.041 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 566779   | 34.945 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.551 | 143  | 71720    | 31.783 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.316 | 176  | 432941   | 35.353 | ng/u1  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 92648    | 32.612 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.233 | 188  | 686303   | 35.436 | ng/u1  | 0.02     |
| 81) Pyrene-d10                | 19.633 | 212  | 875228   | 31.013 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.721 | 264  | 956353   | 36.171 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.240  | 88   | 25142    | 13.124 | ng/uL  | 91       |
| 5) Pyridine                   | 3.628  | 79   | 175167   | 35.305 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.781  | 77   | 145338   | 47.223 | ng/u1  | 97       |
| 8) Phenol                     | 6.828  | 94   | 245366   | 38.825 | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.058  | 93   | 182290   | 36.862 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.181  | 128  | 186137   | 40.729 | ng/u1  | 94       |
| 13) 2-Methylphenol            | 8.058  | 108  | 181091   | 38.415 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.128  | 45   | 213958m  | 34.683 | ng/u1  |          |
| 16) Acetophenone              | 8.434  | 105  | 306743   | 37.335 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.416  | 70   | 161321   | 36.182 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.387  | 108  | 203425   | 39.703 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.657  | 117  | 77683    | 37.170 | ng/u1  | 90       |
| 22) Nitrobenzene              | 8.810  | 77   | 245298   | 38.639 | ng/u1  | 99       |
| 23) Isophorone                | 9.334  | 82   | 450699   | 36.920 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.516  | 139  | 112771   | 42.990 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.569  | 107  | 190902   | 33.357 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.810  | 93   | 253924   | 37.521 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.046 | 162  | 195889   | 43.578 | ng/u1  | 99       |
| 30) Naphthalene               | 10.428 | 128  | 601433   | 39.511 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.563 | 127  | 239203   | 37.819 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.693 | 225  | 139442   | 39.938 | ng/u1  | 97       |
| 34) Caprolactam               | 11.381 | 113  | 66435m   | 42.327 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.704 | 107  | 230846   | 41.246 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.057 | 142  | 431455   | 40.737 | ng/u1  | 98       |

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Quant Time: May 13 22:53:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 13 10:50:47 2024  
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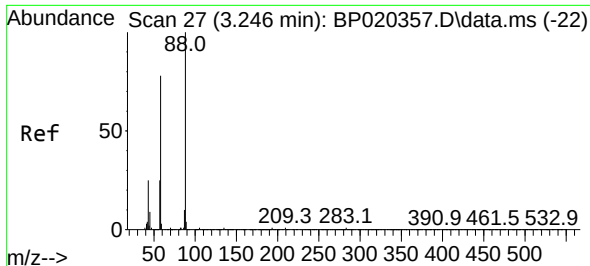
### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024  
 Supervised By :mohammad ahmed 05/15/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.281 | 142  | 433071   | 40.633 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.428 | 216  | 271127   | 43.239 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.387 | 237  | 80571    | 23.626 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.693 | 196  | 174420   | 44.356 | ng/ul | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.775 | 196  | 191655   | 45.294 | ng/ul | 95       |
| 43) 1,1'-Biphenyl             | 13.093 | 154  | 580062   | 40.791 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.134 | 162  | 461100   | 40.863 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.375 | 65   | 160356   | 42.842 | ng/ul | 91       |
| 47) Dimethylphthalate         | 13.751 | 163  | 610153   | 41.142 | ng/ul | 98       |
| 48) 2,6-Dinitrotoluene        | 13.893 | 165  | 127479   | 43.239 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.004 | 152  | 737120   | 40.406 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.234 | 138  | 126496   | 46.002 | ng/ul | 96       |
| 52) Acenaphthene              | 14.357 | 153  | 490474   | 40.008 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.463 | 184  | 66809    | 36.918 | ng/ul | 91       |
| 55) 4-Nitrophenol             | 14.575 | 109  | 114924   | 48.916 | ng/ul | 93       |
| 56) Dibenzofuran              | 14.704 | 168  | 726880   | 43.111 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 196649   | 46.393 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232  | 173795   | 45.739 | ng/ul | 93       |
| 59) Diethylphthalate          | 15.157 | 149  | 610973   | 41.271 | ng/ul | 99       |
| 61) Fluorene                  | 15.369 | 166  | 597095   | 42.621 | ng/ul | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.369 | 204  | 318133   | 42.804 | ng/ul | 95       |
| 63) 4-Nitroaniline            | 15.434 | 138  | 124852m  | 54.483 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 120268   | 40.599 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.598 | 169  | 522330   | 41.903 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.292 | 248  | 205537   | 42.385 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.392 | 284  | 241557   | 43.008 | ng/ul | 95       |
| 70) Atrazine                  | 16.598 | 200  | 201200   | 45.520 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.775 | 266  | 143739   | 42.340 | ng/ul | 99       |
| 72) Phenanthrene              | 17.163 | 178  | 967235   | 42.345 | ng/ul | 98       |
| 74) Anthracene                | 17.275 | 178  | 953657   | 41.049 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.051 | 216  | 267555   | 40.211 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.610 | 250  | 278937   | 41.892 | ng/uL | 98       |
| 77) Carbazole                 | 17.563 | 167  | 891375   | 44.538 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.163 | 149  | 1071974  | 44.188 | ng/ul | 99       |
| 80) Fluoranthene              | 19.286 | 202  | 1251810  | 37.691 | ng/ul | 97       |
| 82) Pyrene                    | 19.663 | 202  | 1317240  | 38.118 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.627 | 149  | 515867   | 39.325 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.522 | 252  | 392583   | 39.955 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.586 | 228  | 1374543  | 41.976 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.533 | 149  | 754478   | 39.868 | ng/ul | 96       |
| 87) Chrysene                  | 21.651 | 228  | 1279188  | 42.148 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.821 | 149  | 1346051  | 38.437 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.886 | 252  | 1384721  | 42.570 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.957 | 252  | 1350798  | 40.749 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.804 | 252  | 1154712  | 37.308 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.768 | 276  | 1648737  | 43.455 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.845 | 278  | 1327612  | 42.304 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 29.945 | 276  | 1273264m | 41.609 | ng/ul |          |

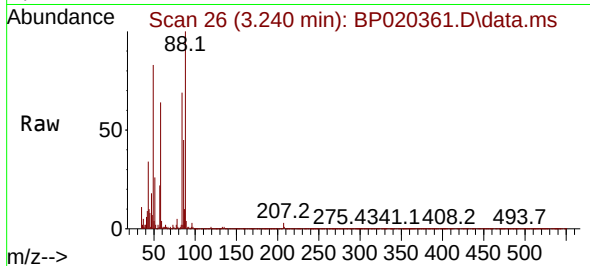
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 13.124 ng/uL  
RT: 3.240 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

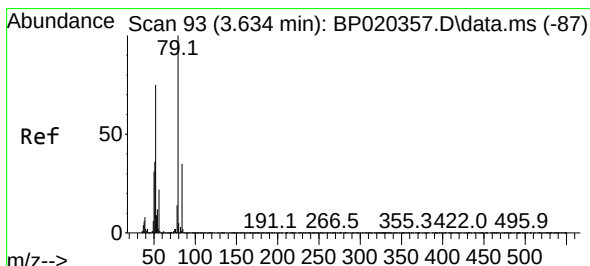
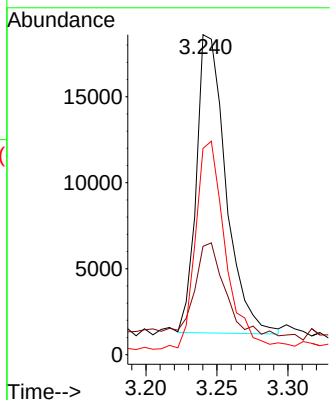
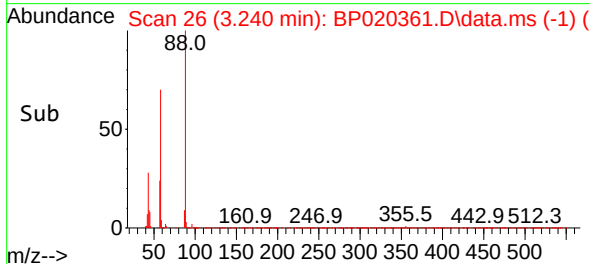
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion: 88 Resp: 2514  
Ion Ratio Lower Upper  
88 100  
43 33.9 23.9 35.9  
58 64.5 58.2 87.4

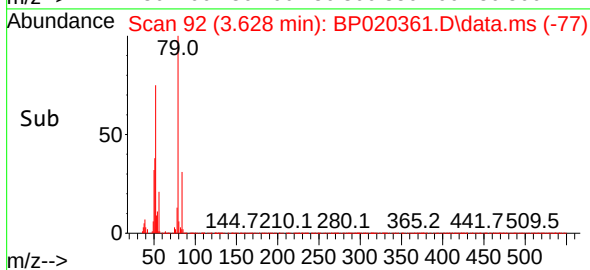
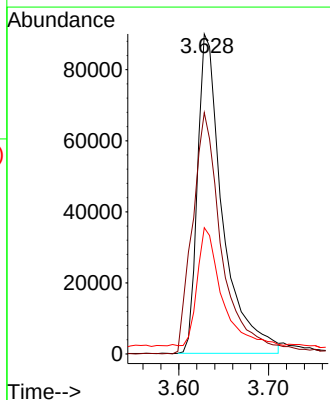
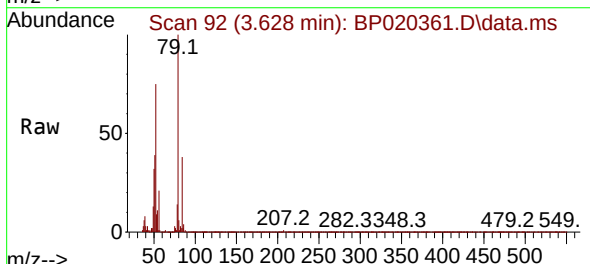
Manual Integrations  
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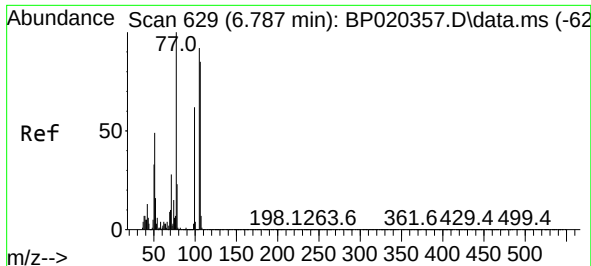
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#5  
Pyridine  
Concen: 35.305 ng/uL  
RT: 3.628 min Scan# 92  
Delta R.T. -0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion: 79 Resp: 175167  
Ion Ratio Lower Upper  
79 100  
52 75.4 60.7 91.1  
51 39.5 33.1 49.7





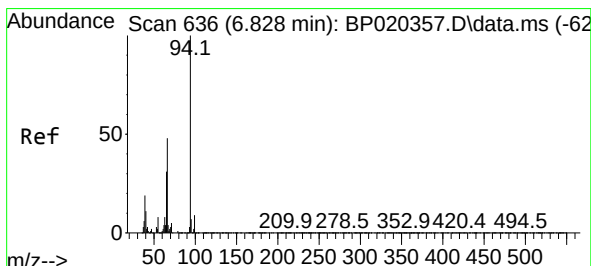
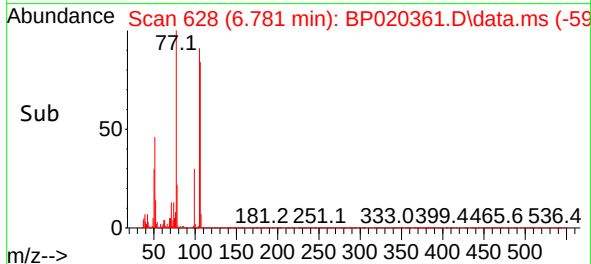
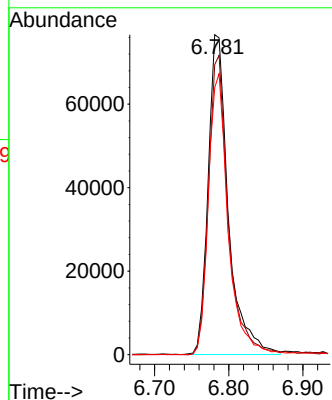
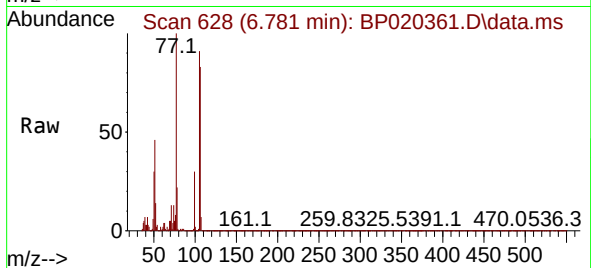
#6  
Benzaldehyde  
Concen: 47.223 ng/ul  
RT: 6.781 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD

Tgt Ion: 77 Resp: 145338  
Ion Ratio Lower Upper  
77 100  
105 90.7 75.4 113.2  
106 83.5 68.2 102.2

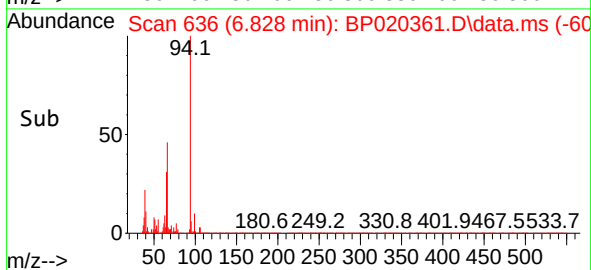
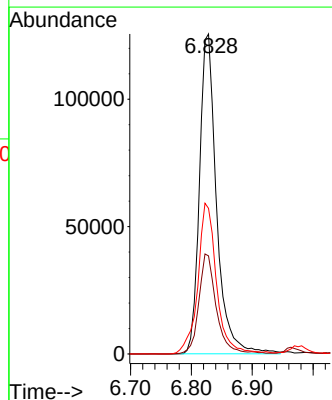
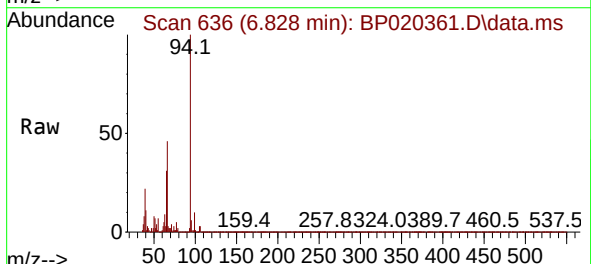
Manual Integrations  
APPROVED

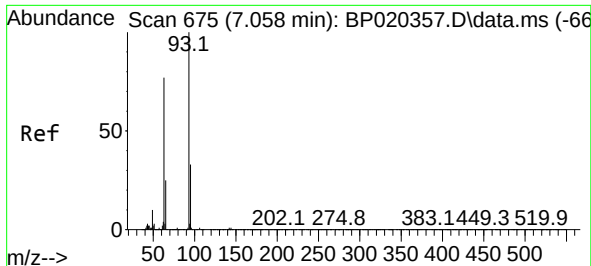
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#8  
Phenol  
Concen: 38.825 ng/ul  
RT: 6.828 min Scan# 636  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

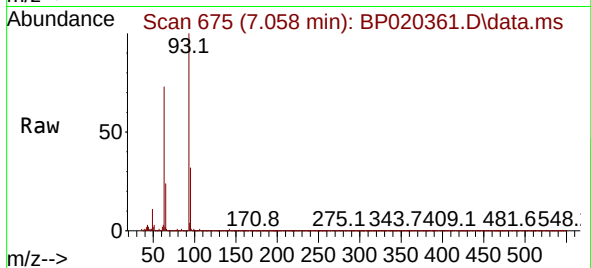
Tgt Ion: 94 Resp: 245366  
Ion Ratio Lower Upper  
94 100  
65 30.6 26.1 39.1  
66 45.5 38.6 57.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 36.862 ng/ul  
RT: 7.058 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

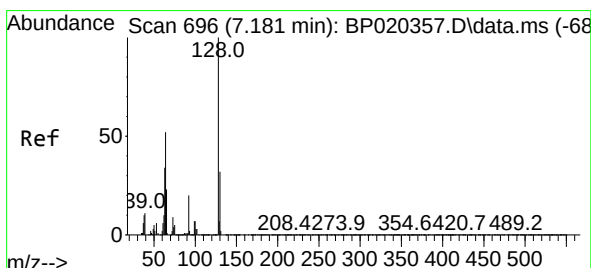
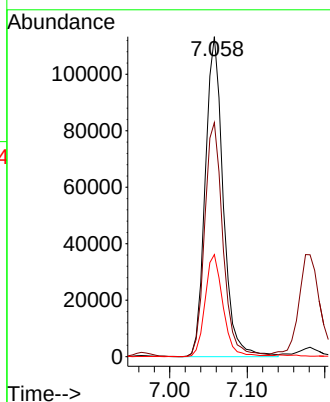
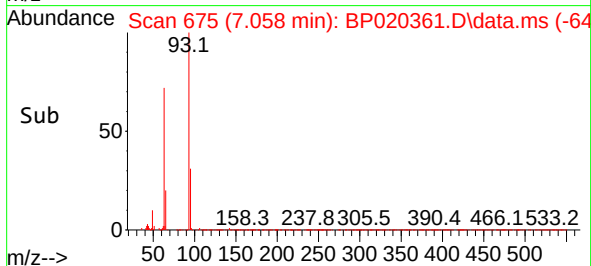
Instrument :  
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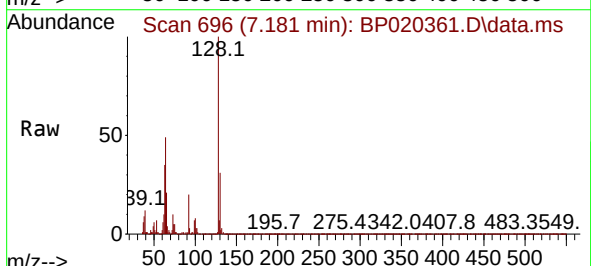
Tgt Ion: 93 Resp: 182290  
Ion Ratio Lower Upper  
93 100  
63 73.2 59.5 89.3  
95 31.9 25.3 37.9

Manual Integrations  
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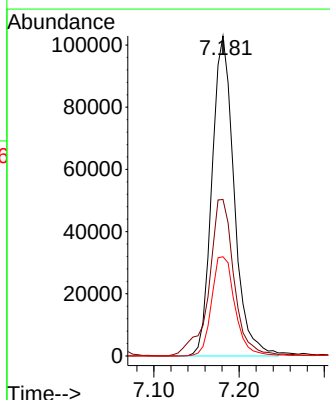
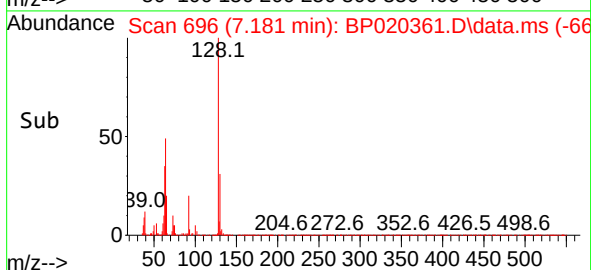
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

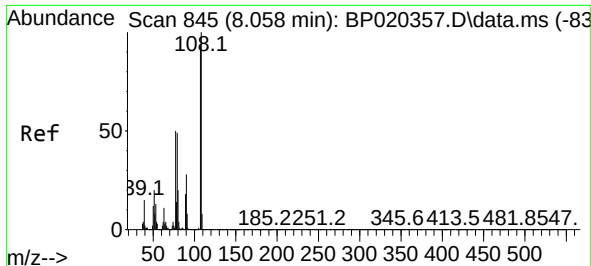


#12  
2-Chlorophenol  
Concen: 40.729 ng/ul  
RT: 7.181 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



Tgt Ion:128 Resp: 186137  
Ion Ratio Lower Upper  
128 100  
64 48.9 43.8 65.6  
130 31.0 26.5 39.7





#13

2-Methylphenol

Concen: 38.415 ng/ul

RT: 8.058 min Scan# 845

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:108 Resp: 18109

Ion Ratio Lower Upper

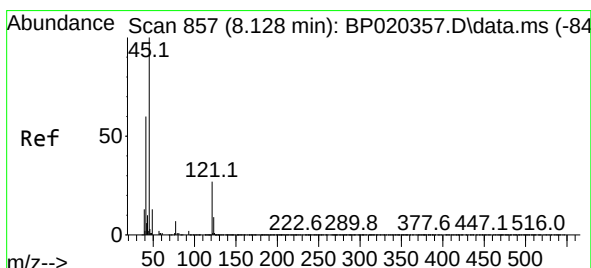
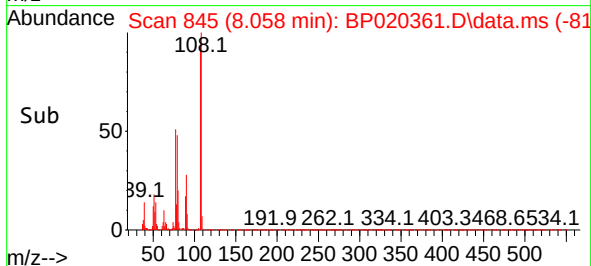
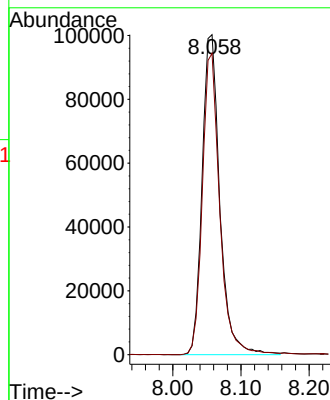
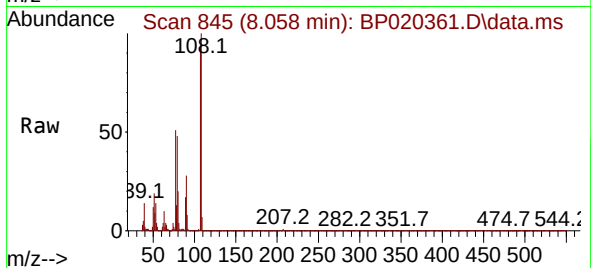
108 100

107 94.1 73.0 109.6

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.683 ng/ul m

RT: 8.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

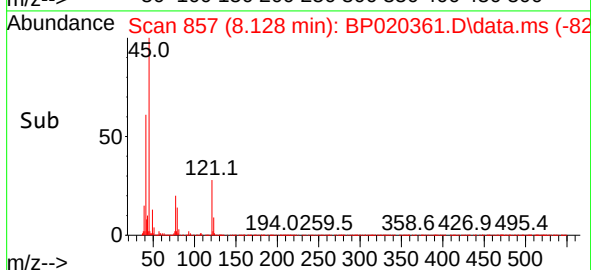
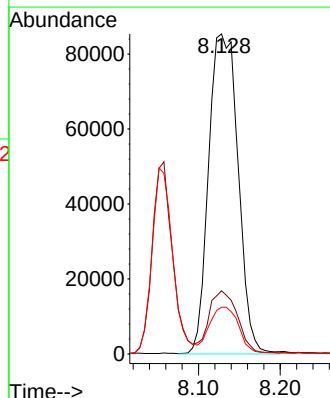
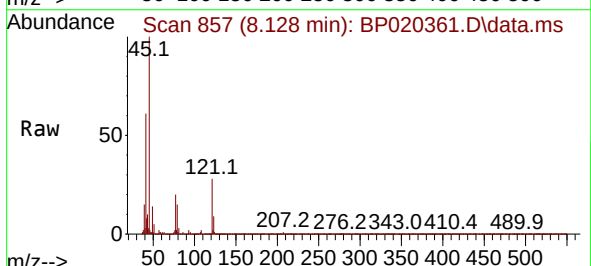
Tgt Ion: 45 Resp: 213958

Ion Ratio Lower Upper

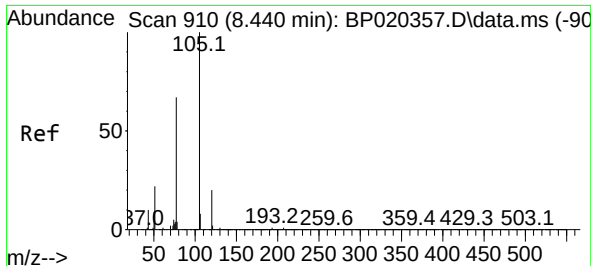
45 100

77 19.8 13.8 20.8

79 14.6 10.9 16.3

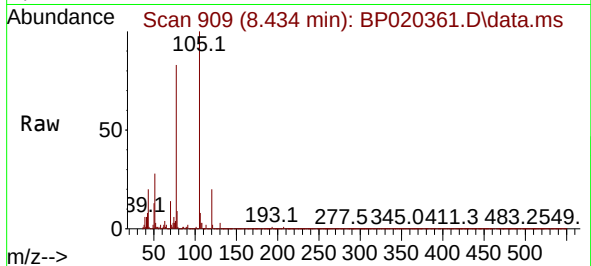






#16  
Acetophenone  
Concen: 37.335 ng/ul  
RT: 8.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

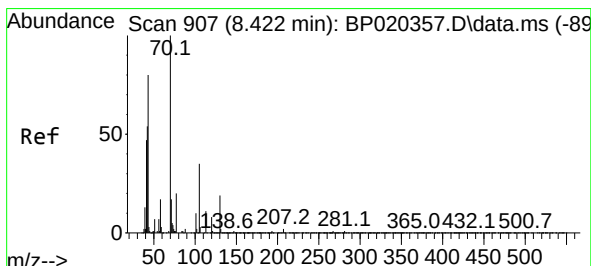
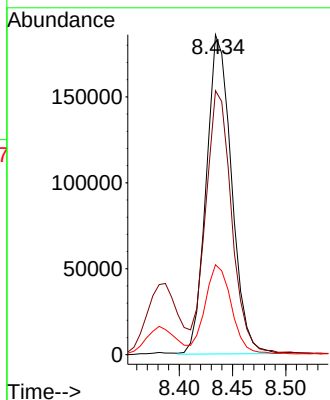
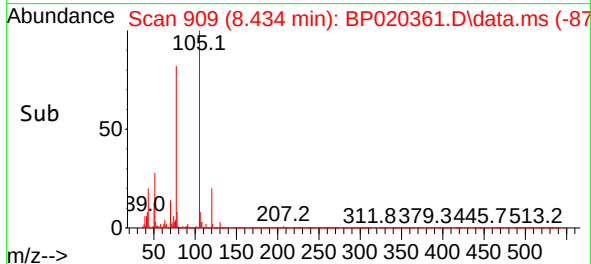
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:105 Resp: 30674  
Ion Ratio Lower Upper  
105 100  
77 82.5 66.4 99.6  
51 28.1 23.9 35.9

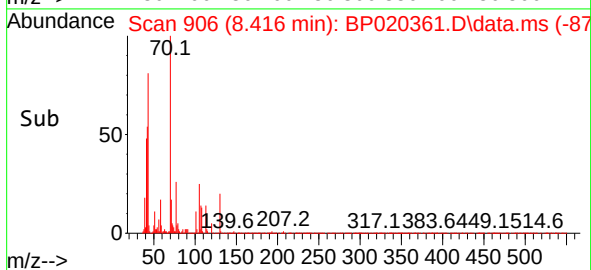
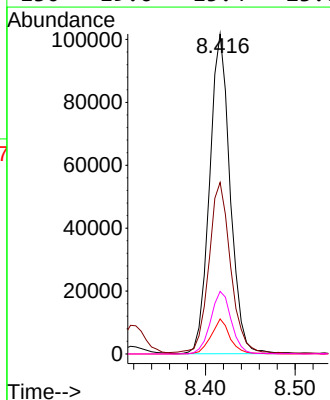
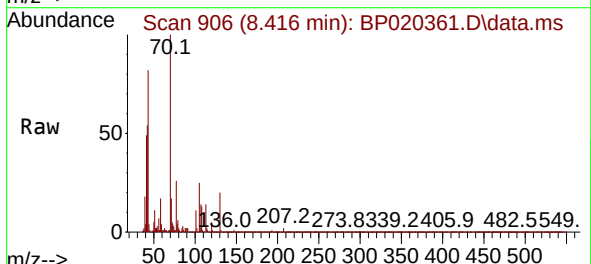
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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

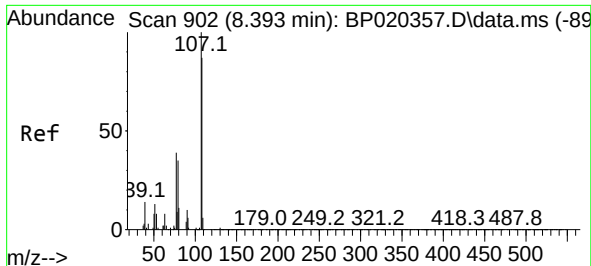


#17  
N-Nitroso-di-n-propylamine  
Concen: 36.182 ng/ul  
RT: 8.416 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion: 70 Resp: 161321  
Ion Ratio Lower Upper  
70 100  
42 53.6 46.2 69.4  
101 10.9 7.8 11.6  
130 19.6 15.4 23.0







#18

4-Methylphenol

Concen: 39.703 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:108 Resp: 20342

Ion Ratio Lower Upper

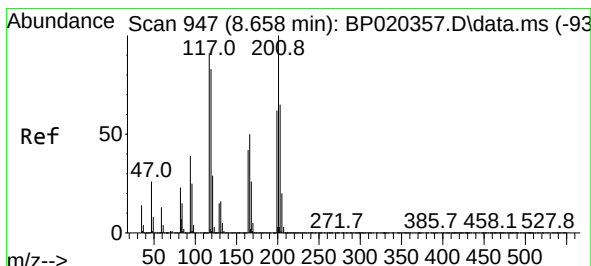
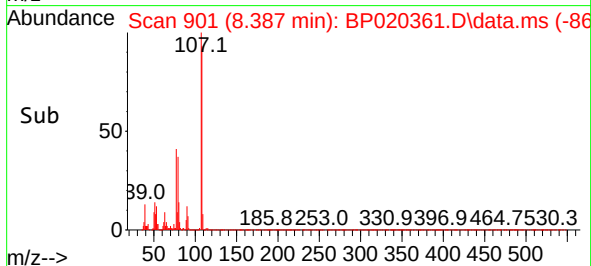
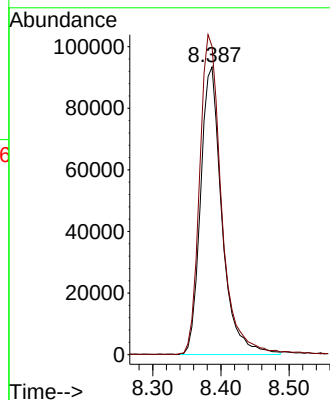
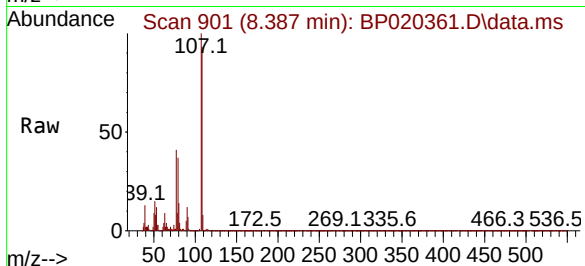
108 100

107 107.2 88.2 132.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#19

Hexachloroethane

Concen: 37.170 ng/ul

RT: 8.657 min Scan# 947

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

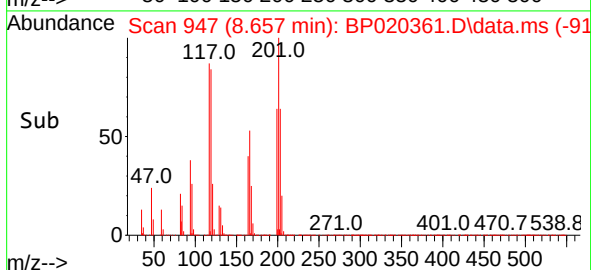
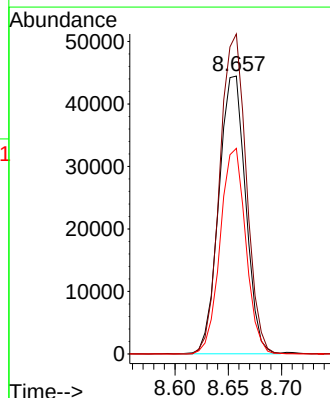
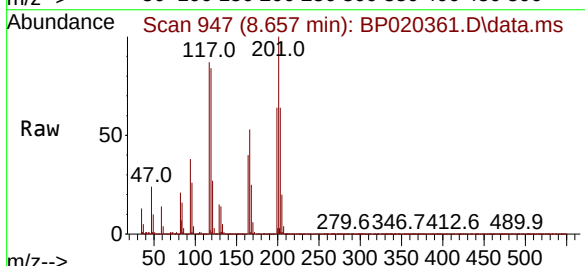
Tgt Ion:117 Resp: 77683

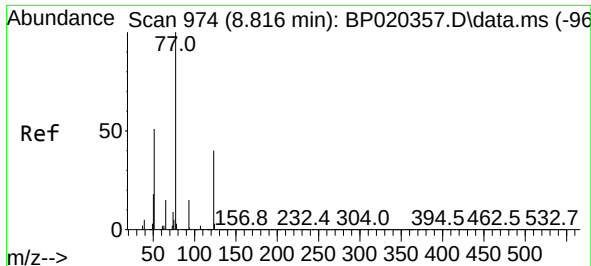
Ion Ratio Lower Upper

117 100

201 115.1 84.0 126.0

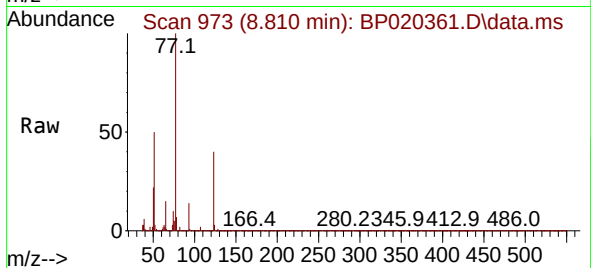
199 74.0 53.4 80.2





#22  
Nitrobenzene  
Concen: 38.639 ng/ul  
RT: 8.810 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

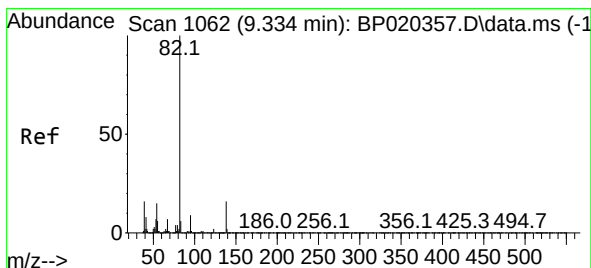
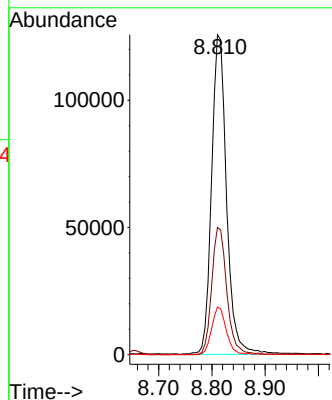
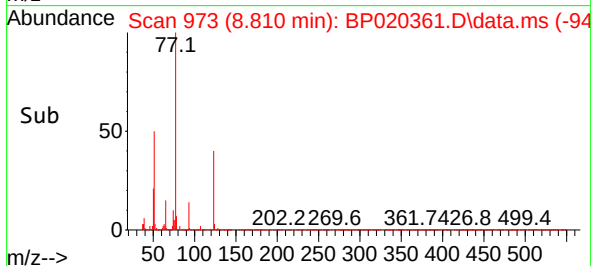
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion: 77 Resp: 245298  
Ion Ratio Lower Upper  
77 100  
123 39.8 31.4 47.2  
65 14.9 11.4 17.2

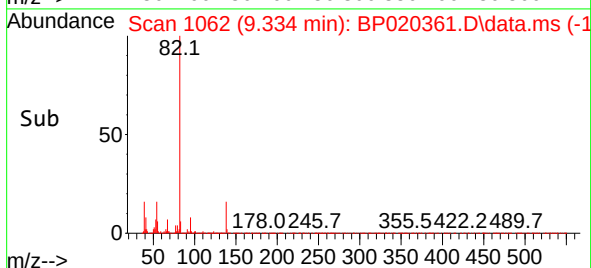
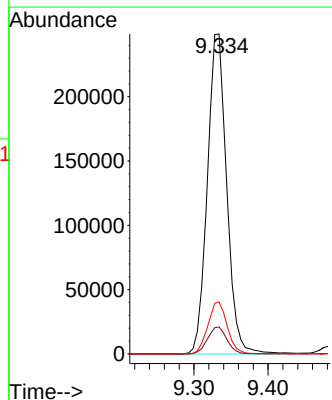
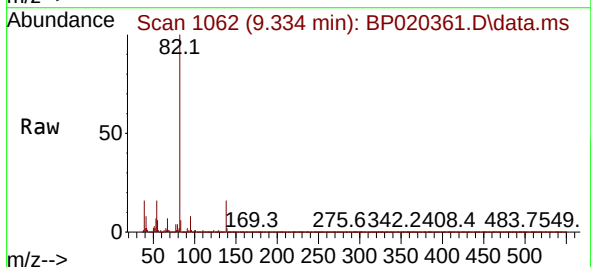
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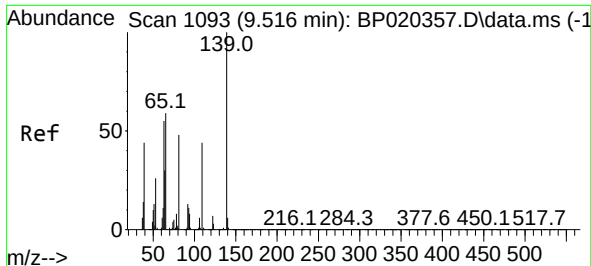
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#23  
Isophorone  
Concen: 36.920 ng/ul  
RT: 9.334 min Scan# 1062  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

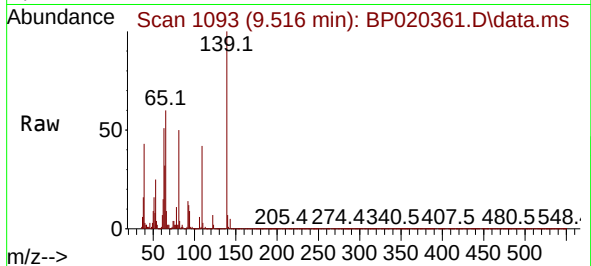
Tgt Ion: 82 Resp: 450699  
Ion Ratio Lower Upper  
82 100  
95 8.5 6.6 9.8  
138 16.3 12.9 19.3





#25  
2-Nitrophenol  
Concen: 42.990 ng/ul  
RT: 9.516 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

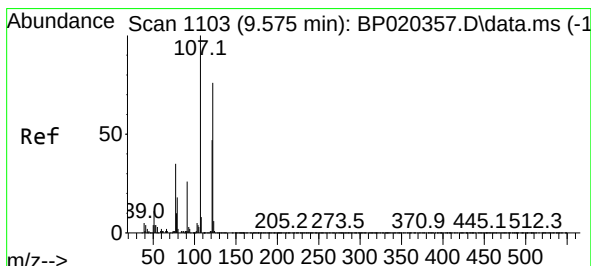
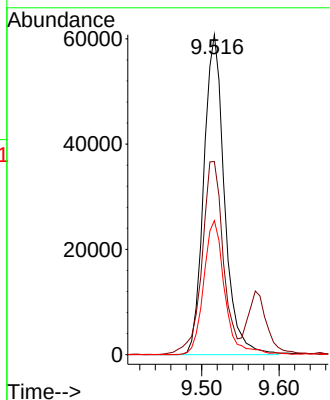
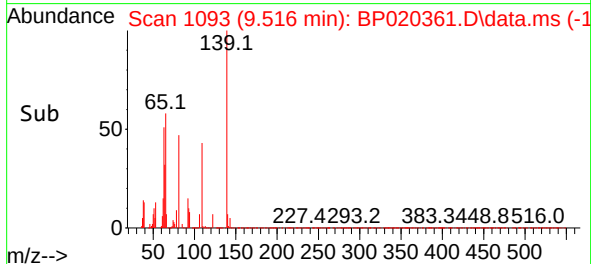
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



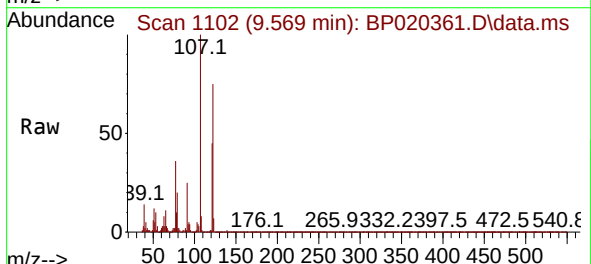
Tgt Ion:139 Resp: 11277  
Ion Ratio Lower Upper  
139 100  
65 60.3 53.8 80.6  
109 41.9 35.3 52.9

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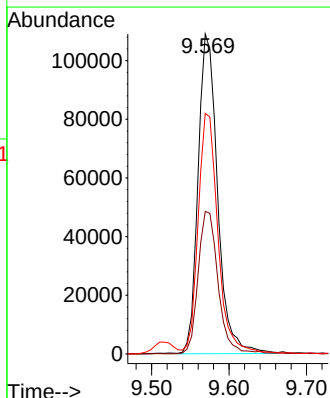
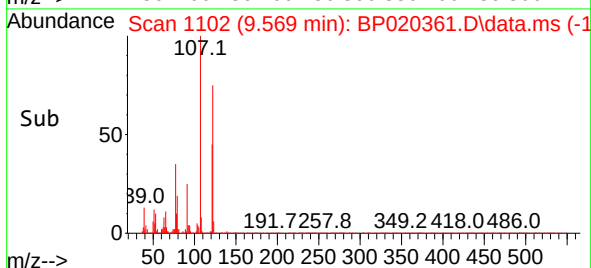
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

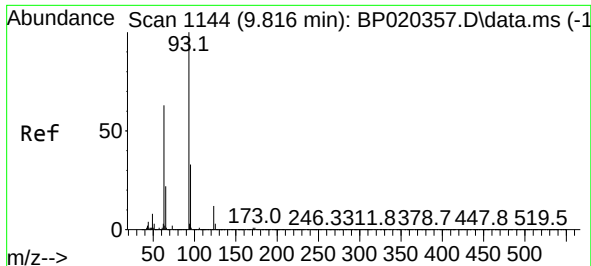


#26  
2,4-Dimethylphenol  
Concen: 33.357 ng/ul  
RT: 9.569 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



Tgt Ion:107 Resp: 190902  
Ion Ratio Lower Upper  
107 100  
121 44.5 36.0 54.0  
122 75.2 59.4 89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 37.521 ng/ul

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion: 93 Resp: 253924

Ion Ratio Lower Upper

93 100

95 31.4 25.6 38.4

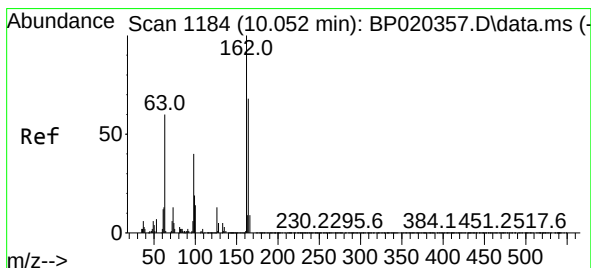
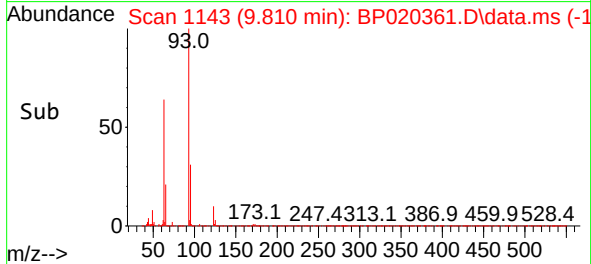
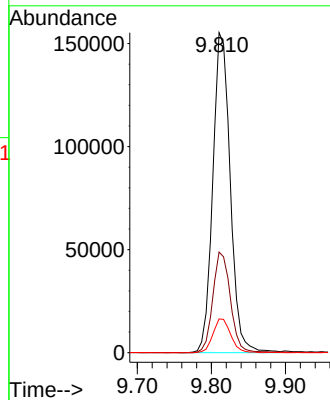
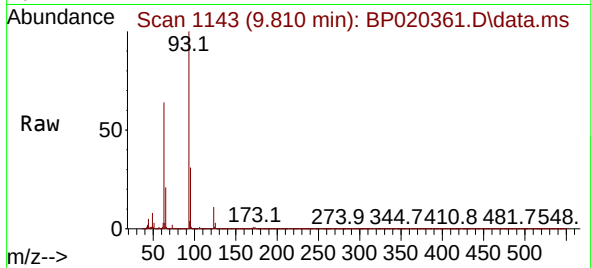
123 10.5 8.3 12.5

Manual Integrations

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Supervised By :mohammad ahmed 05/15/2024



#29

2,4-Dichlorophenol

Concen: 43.578 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

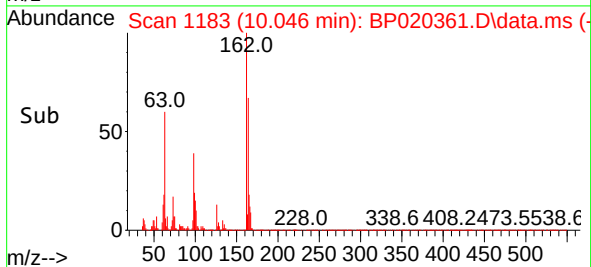
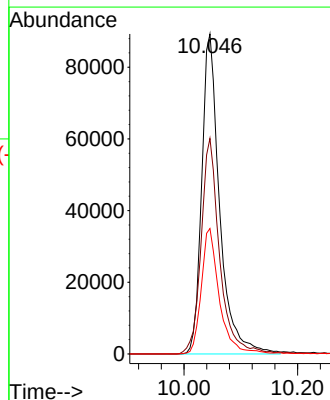
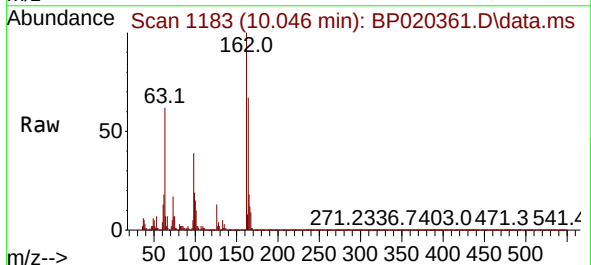
Tgt Ion:162 Resp: 195889

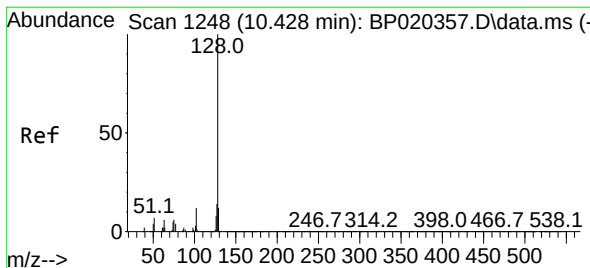
Ion Ratio Lower Upper

162 100

164 67.3 53.1 79.7

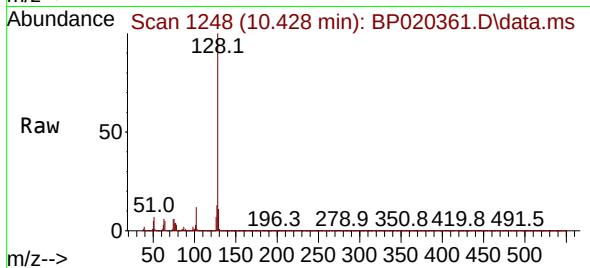
98 39.2 31.4 47.2





#30  
Naphthalene  
Concen: 39.511 ng/ul  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

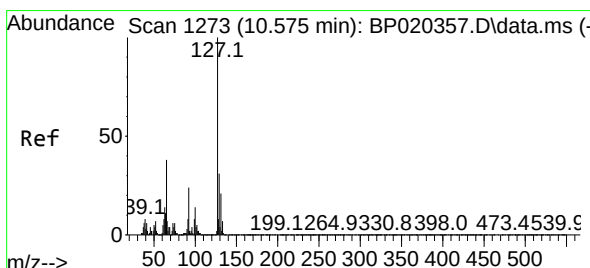
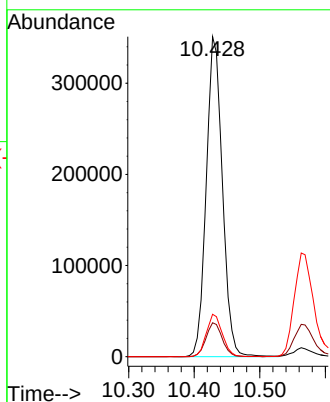
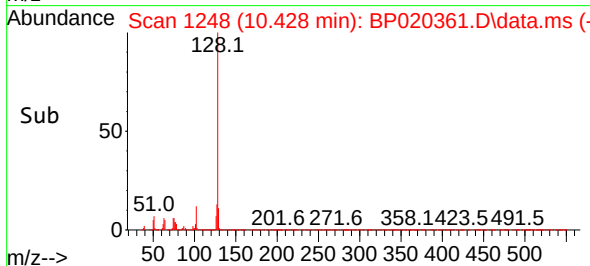
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:128 Resp: 601433  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 13.2 10.6 16.0

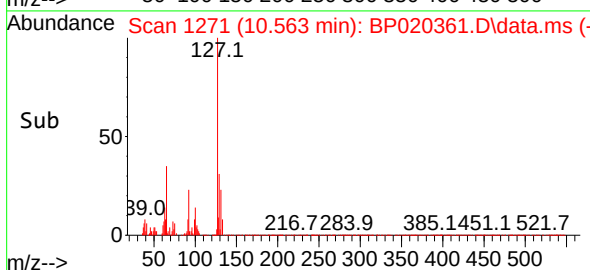
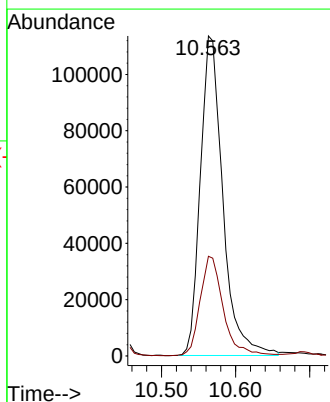
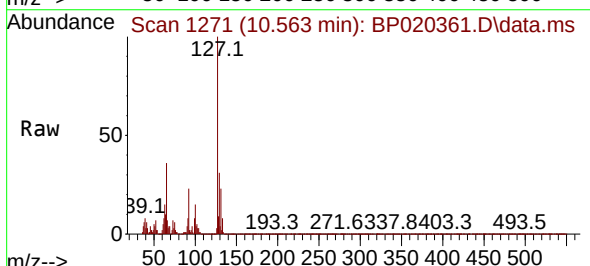
Manual Integrations  
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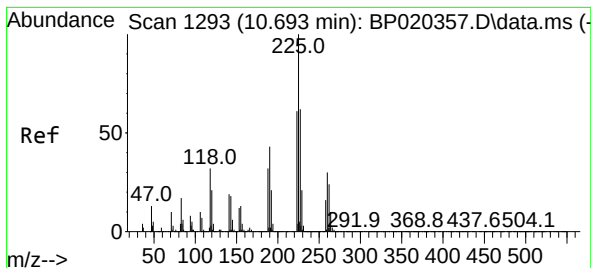
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#32  
4-Chloroaniline  
Concen: 37.819 ng/ul  
RT: 10.563 min Scan# 1271  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

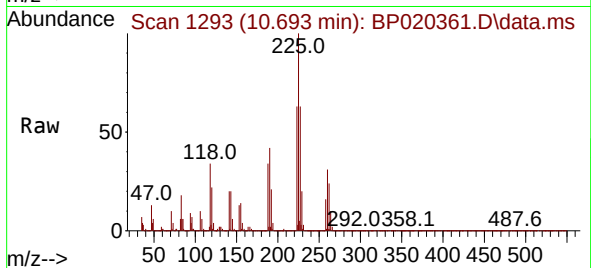
Tgt Ion:127 Resp: 239203  
Ion Ratio Lower Upper  
127 100  
129 31.2 24.8 37.2





#33  
Hexachlorobutadiene  
Concen: 39.938 ng/ul  
RT: 10.693 min Scan# 1293  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

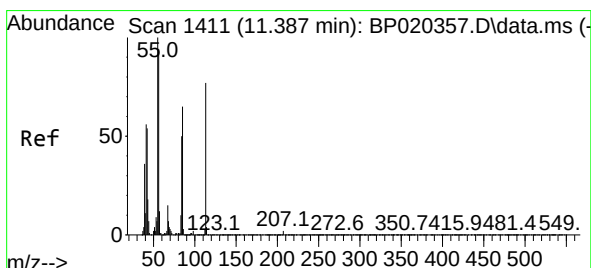
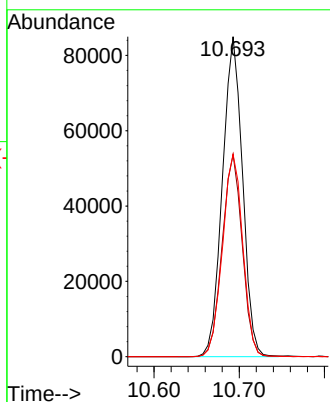
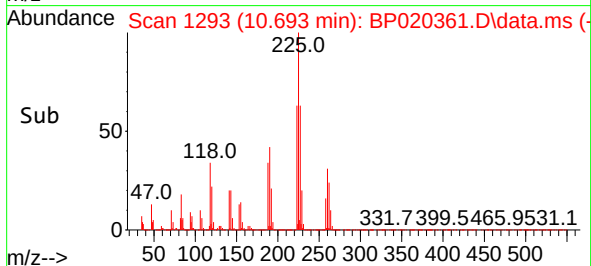
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



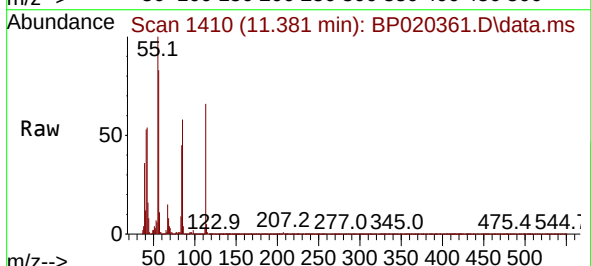
Tgt Ion:225 Resp: 13944  
Ion Ratio Lower Upper  
225 100  
223 63.2 53.2 79.8  
227 63.3 51.4 77.0

Manual Integrations  
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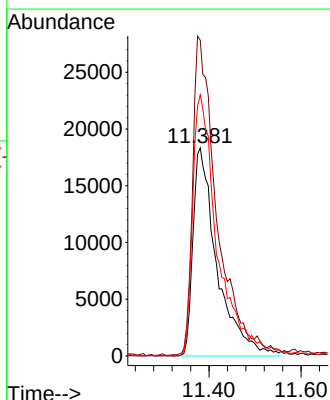
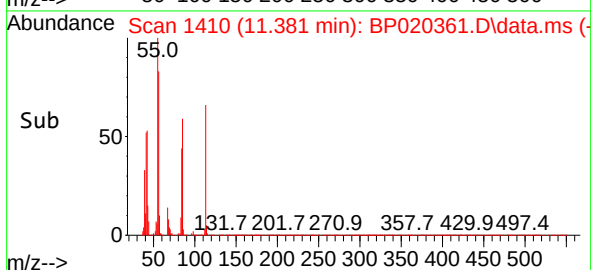
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

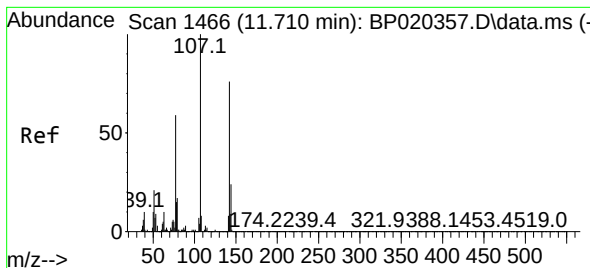


#34  
Caprolactam  
Concen: 42.327 ng/ul m  
RT: 11.381 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



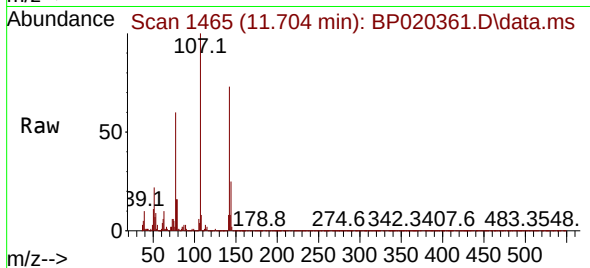
Tgt Ion:113 Resp: 66435  
Ion Ratio Lower Upper  
113 100  
55 151.7 131.0 196.6  
56 125.5 105.4 158.2





#35  
4-Chloro-3-methylphenol  
Concen: 41.246 ng/ul  
RT: 11.704 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

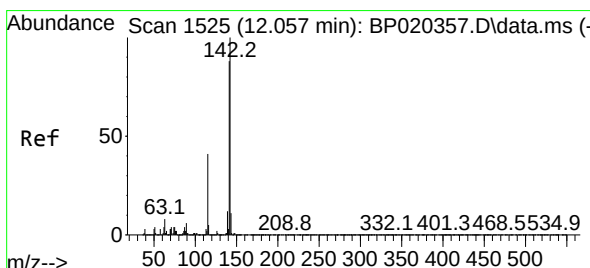
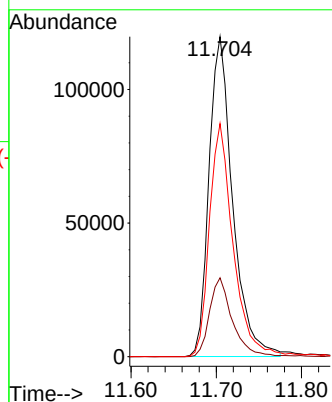
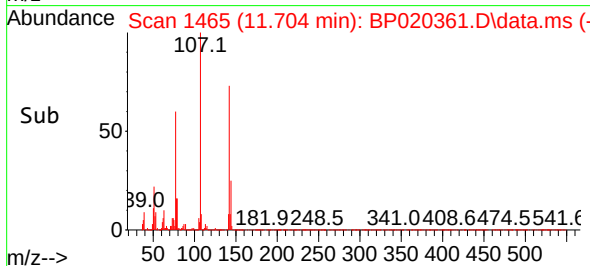
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:107 Resp: 230840  
Ion Ratio Lower Upper  
107 100  
144 24.6 18.3 27.5  
142 72.9 56.6 84.8

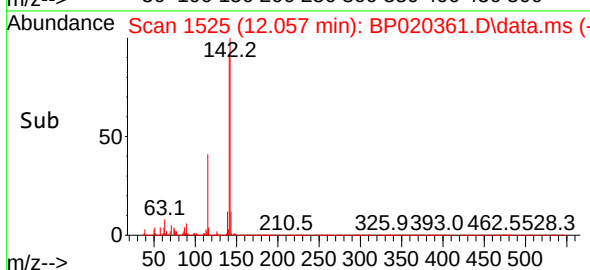
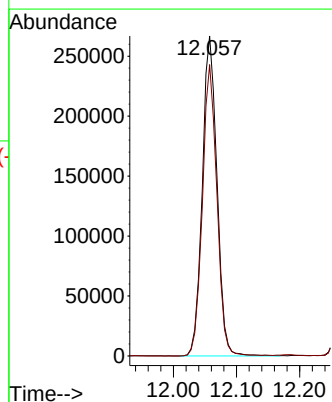
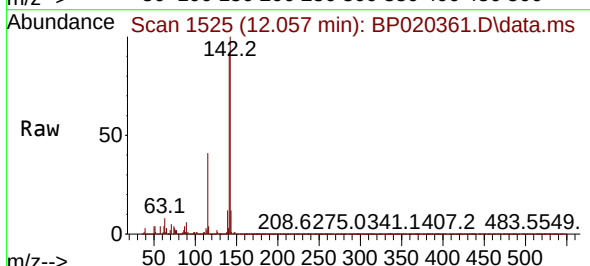
Manual Integrations  
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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

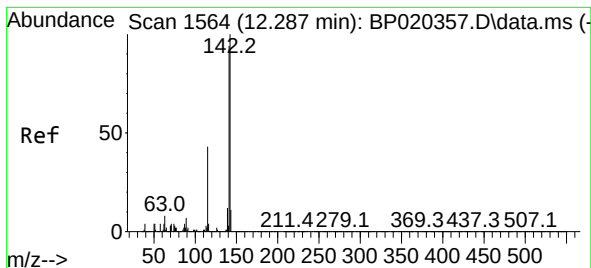


#36  
2-Methylnaphthalene  
Concen: 40.737 ng/ul  
RT: 12.057 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:142 Resp: 431455  
Ion Ratio Lower Upper  
142 100  
141 91.1 74.6 111.8

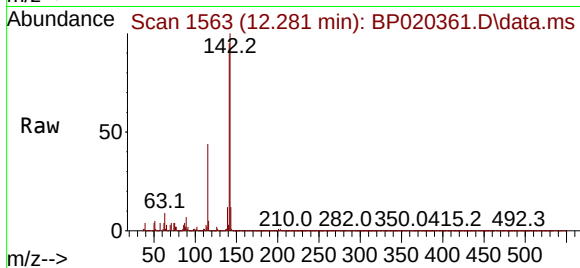






#37  
1-Methylnaphthalene  
Concen: 40.633 ng/ul  
RT: 12.281 min Scan# 1563  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

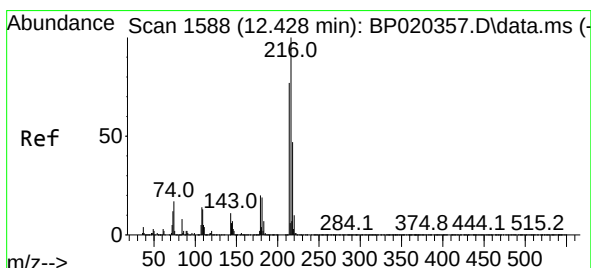
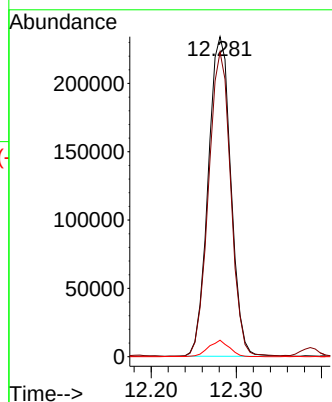
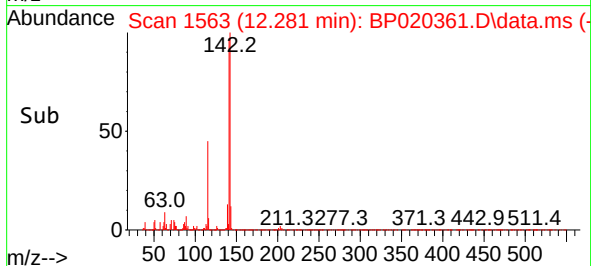
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



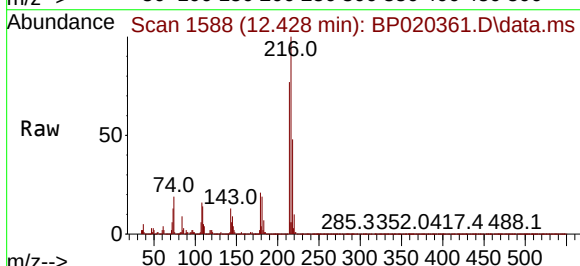
Tgt Ion:142 Resp: 43307  
Ion Ratio Lower Upper  
142 100  
141 95.2 75.5 113.3  
116 5.1 3.9 5.9

Manual Integrations  
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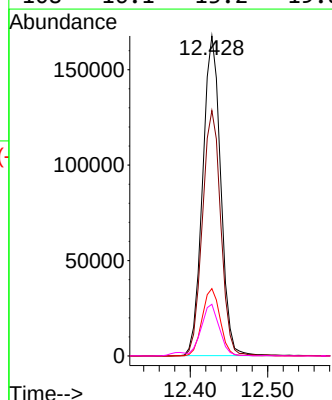
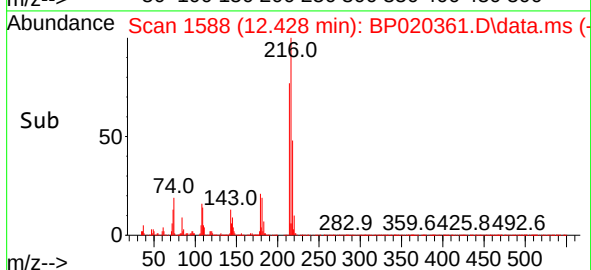
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

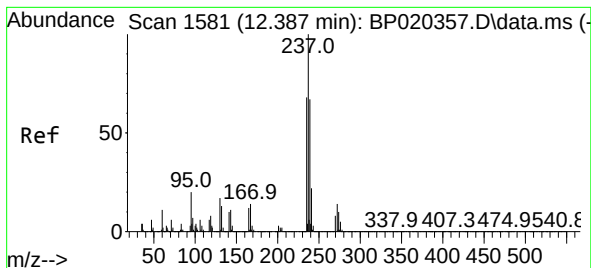


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.239 ng/ul  
RT: 12.428 min Scan# 1588  
Delta R.T. -0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



Tgt Ion:216 Resp: 271127  
Ion Ratio Lower Upper  
216 100  
214 76.7 61.3 91.9  
179 21.0 16.9 25.3  
108 16.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 23.626 ng/ul

RT: 12.387 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

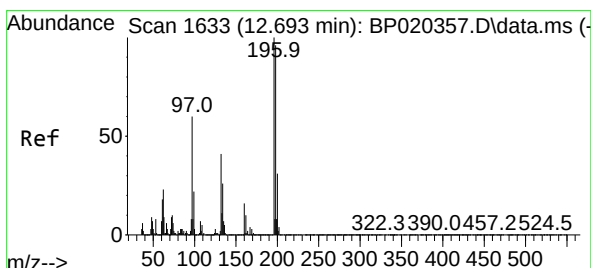
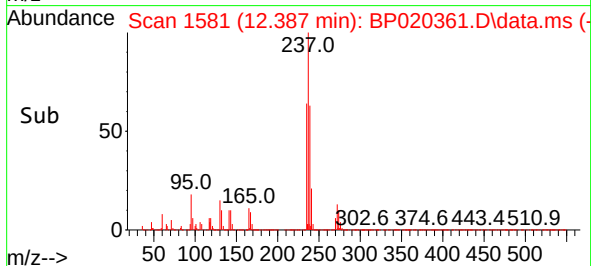
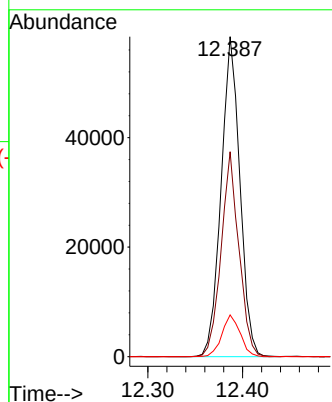
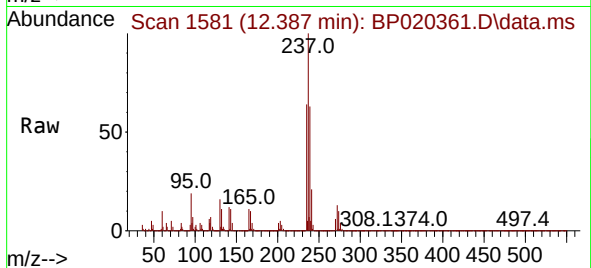
A43Q5MSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 8057 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 64.0  | 52.4  | 78.6 |
| 272       | 13.0  | 10.0  | 15.0 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#41

2,4,6-Trichlorophenol

Concen: 44.356 ng/ul

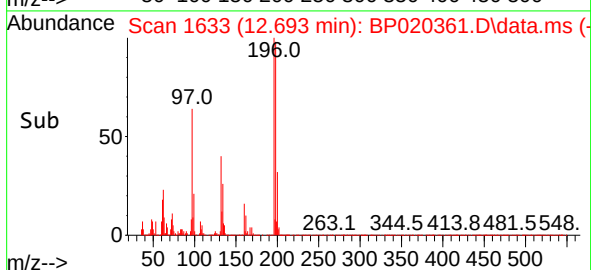
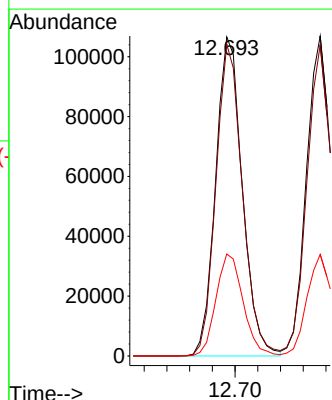
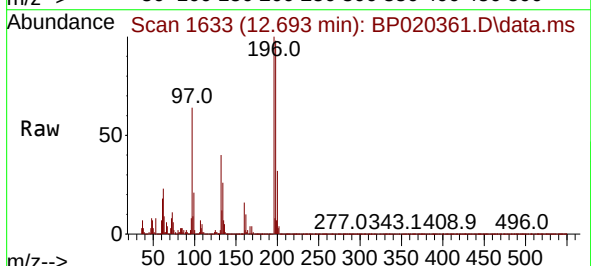
RT: 12.693 min Scan# 1633

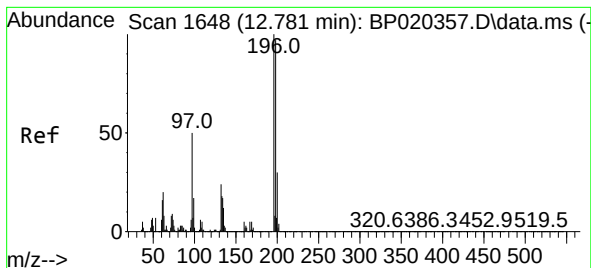
Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 174420 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.7  | 75.8  | 113.8  |
| 200       | 32.0  | 24.8  | 37.2   |





#42

2,4,5-Trichlorophenol

Concen: 45.294 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

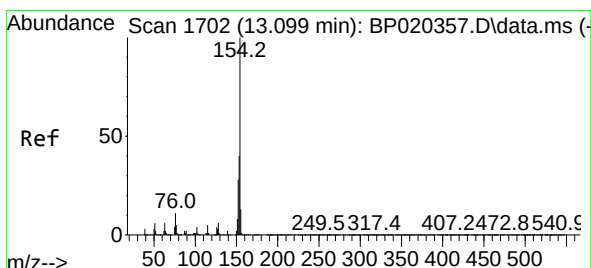
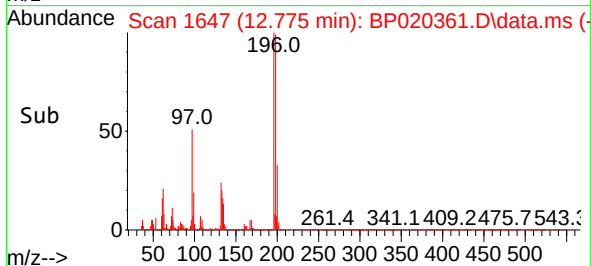
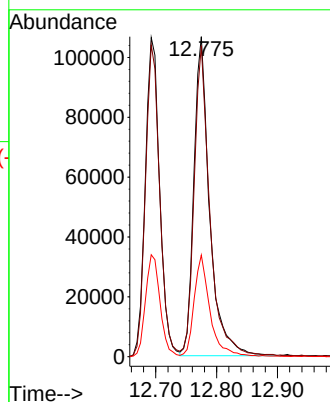
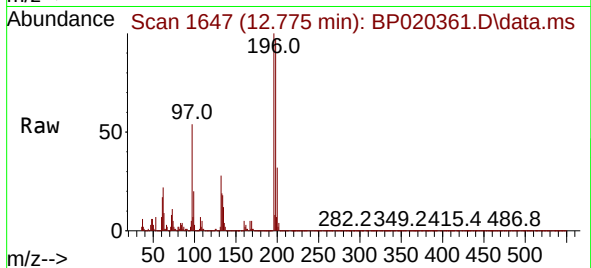
A43Q5MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 19165 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 97.2  | 73.5  | 110.3 |
| 200       | 31.8  | 24.4  | 36.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#43

1,1'-Biphenyl

Concen: 40.791 ng/ul

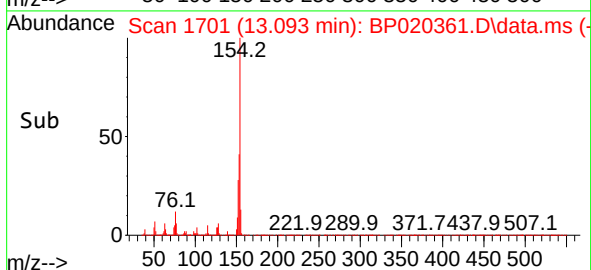
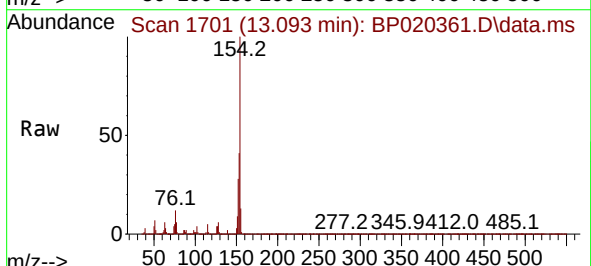
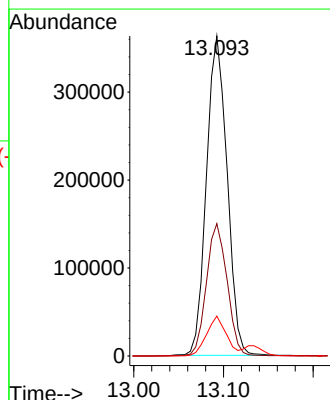
RT: 13.093 min Scan# 1701

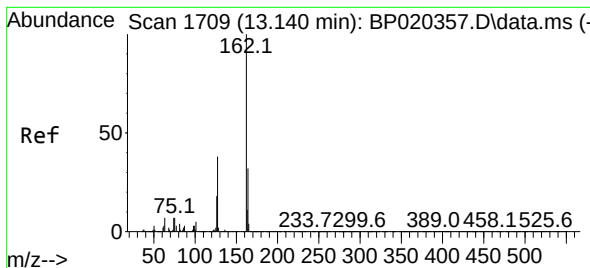
Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 580062 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.3  | 33.1  | 49.7   |
| 76        | 12.5  | 9.7   | 14.5   |





#44

2-Chloronaphthalene

Concen: 40.863 ng/ul

RT: 13.134 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

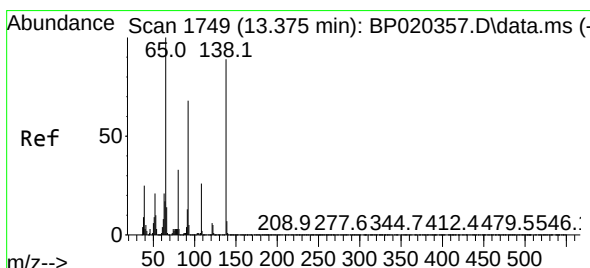
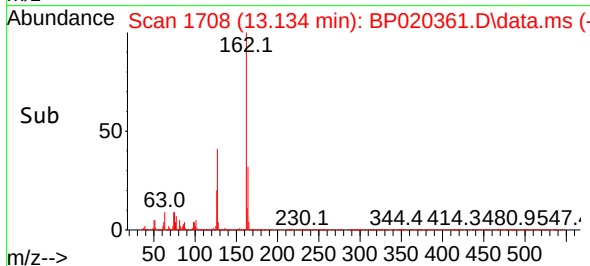
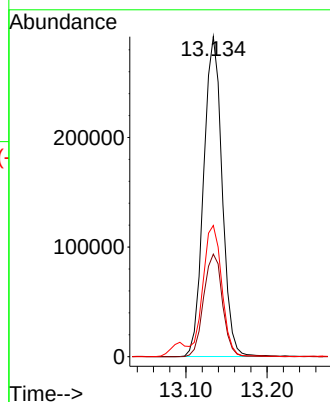
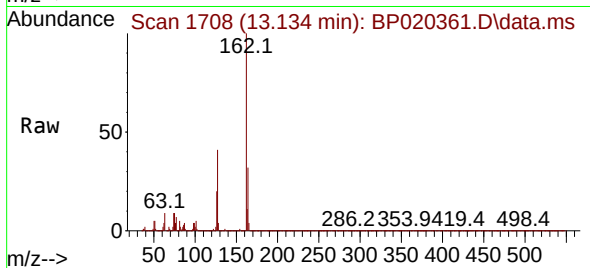
A43Q5MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 461100 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 32.1  | 26.1  | 39.1   |
| 127       | 41.0  | 33.6  | 50.4   |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#45

2-Nitroaniline

Concen: 42.842 ng/ul

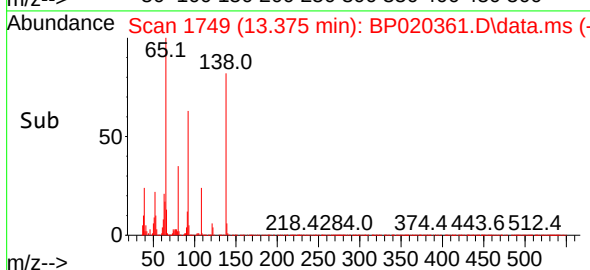
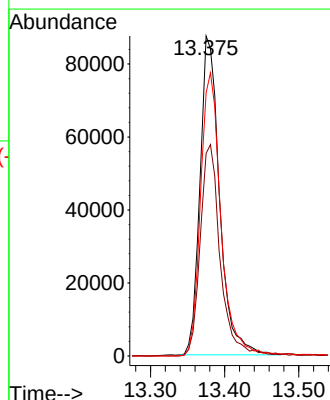
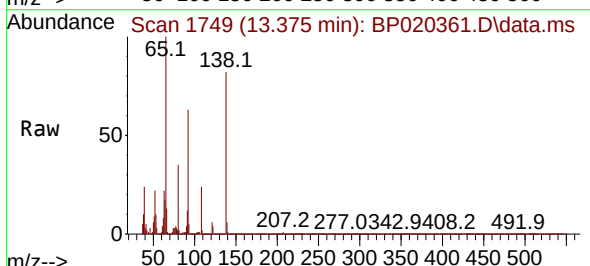
RT: 13.375 min Scan# 1749

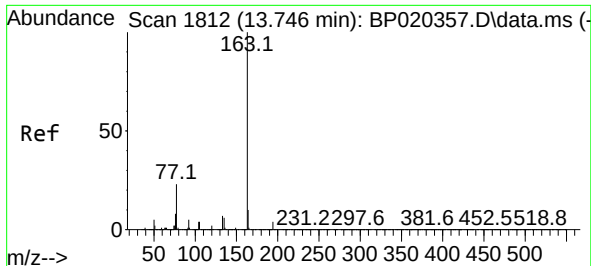
Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

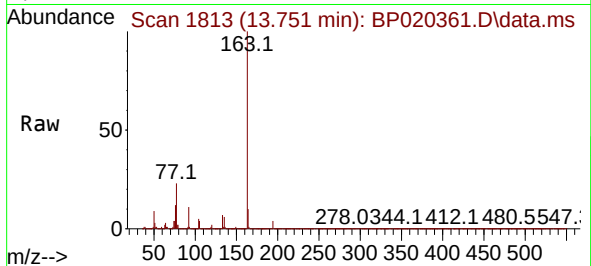
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 160356 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 63.3  | 55.6  | 83.4   |
| 138       | 82.2  | 73.1  | 109.7  |





#47  
Dimethylphthalate  
Concen: 41.142 ng/ul  
RT: 13.751 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

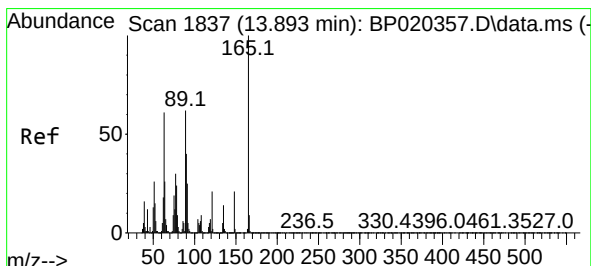
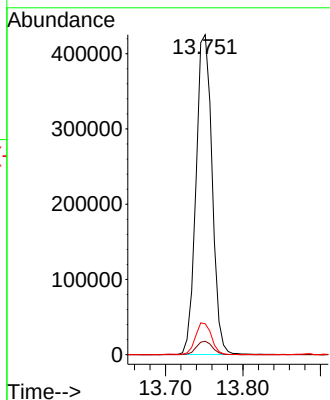
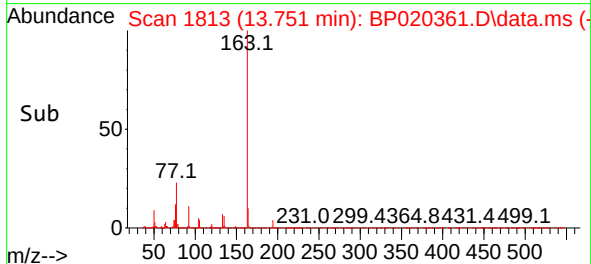
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



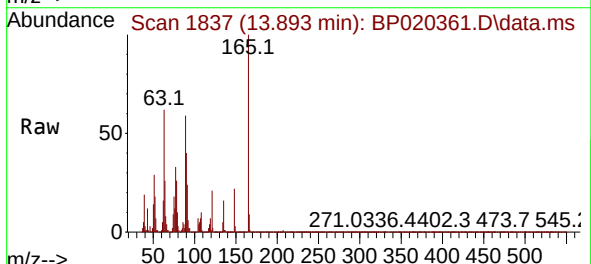
Tgt Ion:163 Resp: 61015  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 9.7 8.2 12.4

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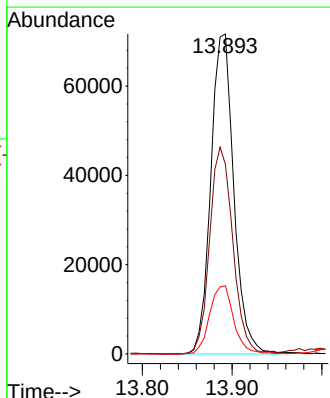
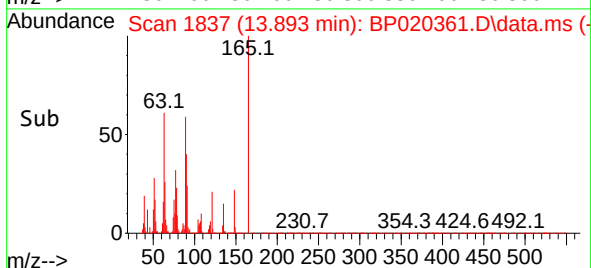
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

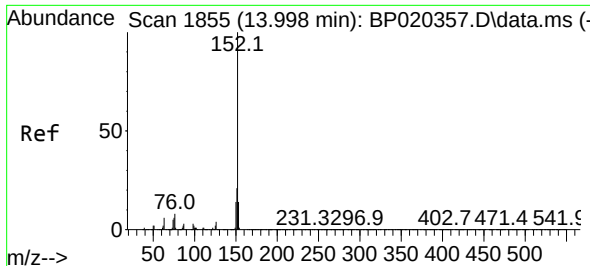


#48  
2,6-Dinitrotoluene  
Concen: 43.239 ng/ul  
RT: 13.893 min Scan# 1837  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



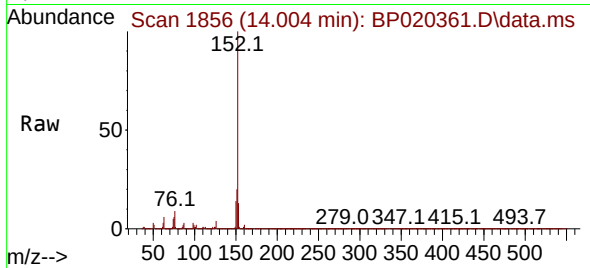
Tgt Ion:165 Resp: 127479  
Ion Ratio Lower Upper  
165 100  
89 59.2 51.0 76.6  
121 21.3 18.5 27.7





#50  
Acenaphthylene  
Concen: 40.406 ng/ul  
RT: 14.004 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

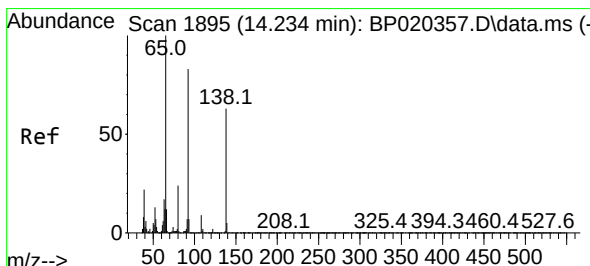
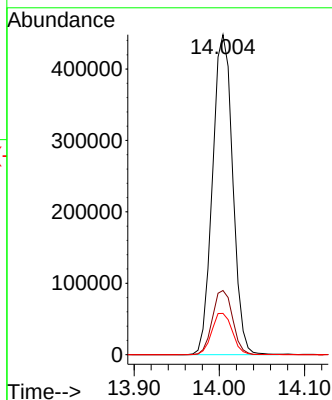
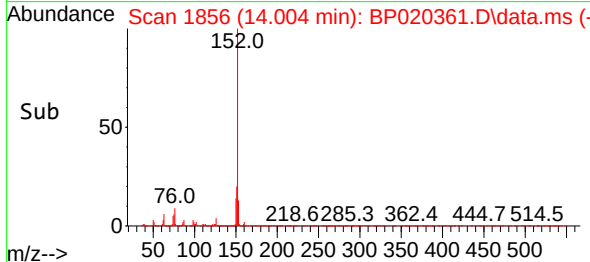
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



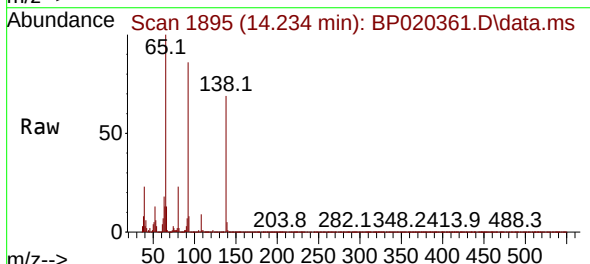
Tgt Ion:152 Resp: 737120  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.5 24.7  
153 12.9 10.3 15.5

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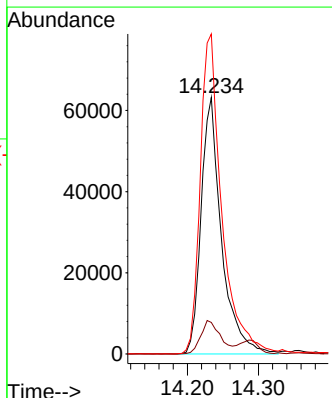
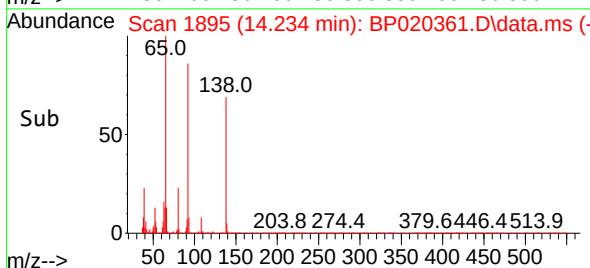
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

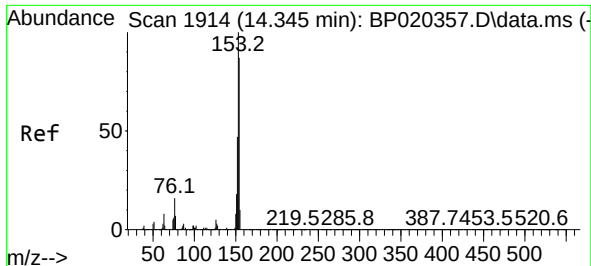


#51  
3-Nitroaniline  
Concen: 46.002 ng/ul  
RT: 14.234 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



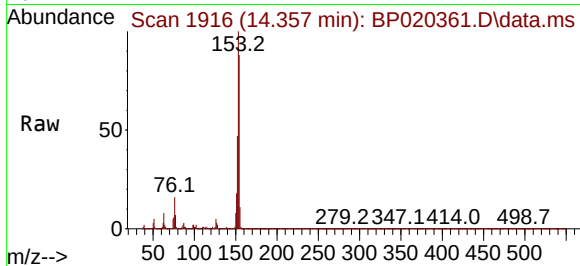
Tgt Ion:138 Resp: 126496  
Ion Ratio Lower Upper  
138 100  
108 12.3 10.8 16.2  
92 124.8 103.3 154.9





#52  
Acenaphthene  
Concen: 40.008 ng/ul  
RT: 14.357 min Scan# 1916  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

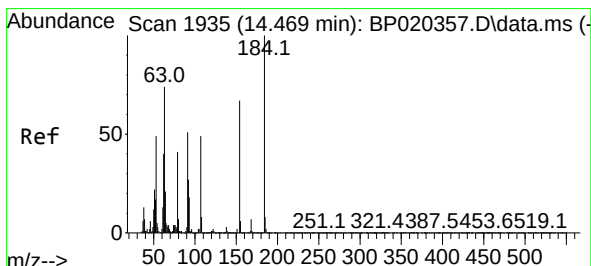
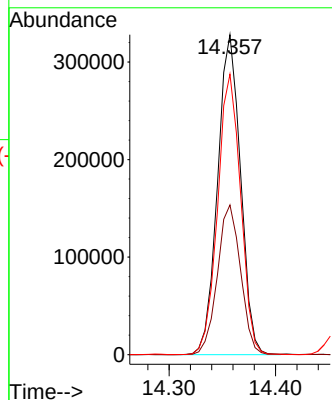
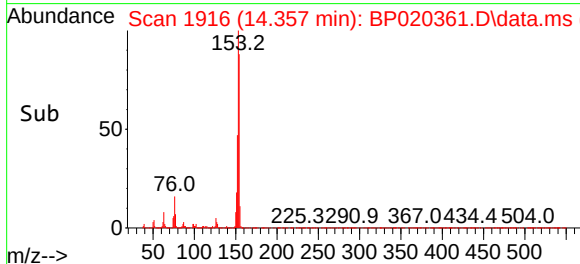
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:153 Resp: 490474  
Ion Ratio Lower Upper  
153 100  
152 46.8 37.4 56.2  
154 87.6 70.3 105.5

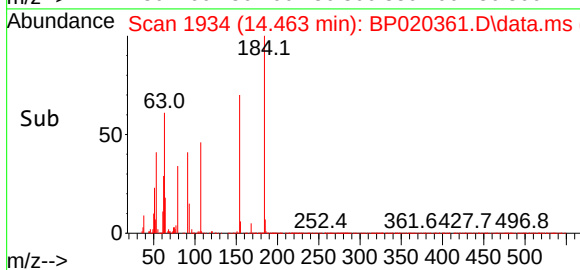
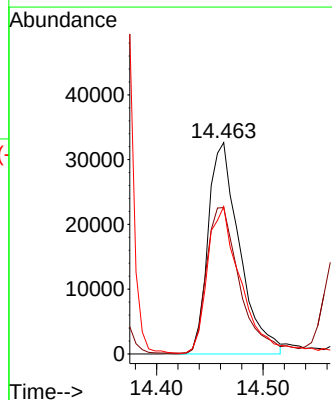
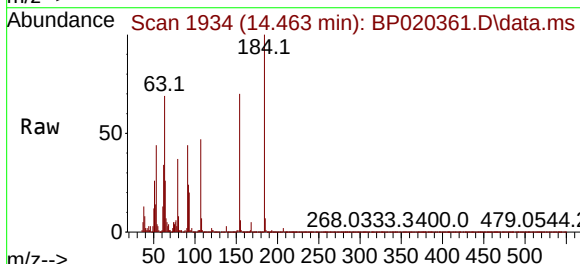
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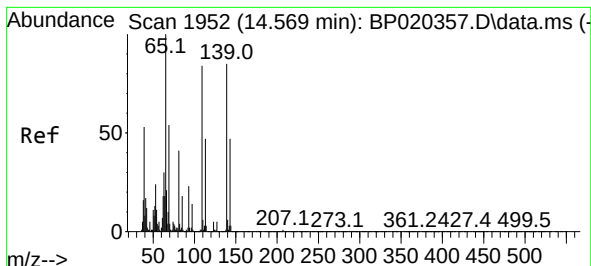
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#53  
2,4-Dinitrophenol  
Concen: 36.918 ng/ul  
RT: 14.463 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

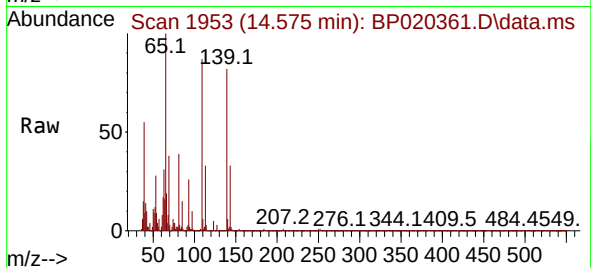
Tgt Ion:184 Resp: 66809  
Ion Ratio Lower Upper  
184 100  
63 69.3 65.6 98.4  
154 69.7 53.8 80.8





#55  
4-Nitrophenol  
Concen: 48.916 ng/ul  
RT: 14.575 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

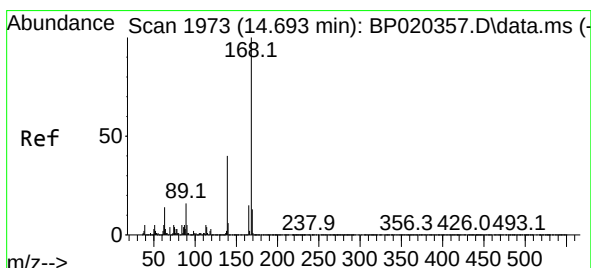
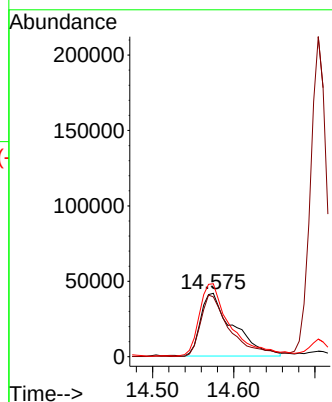
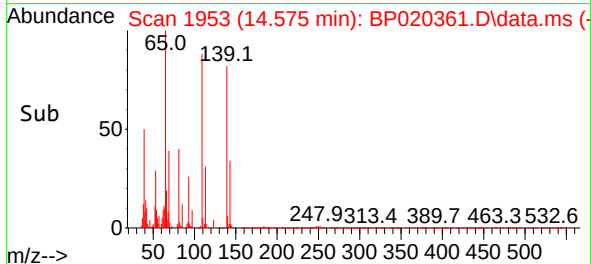
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:109 Resp: 114924  
Ion Ratio Lower Upper  
109 100  
139 94.6 78.4 117.6  
65 115.3 101.8 152.6

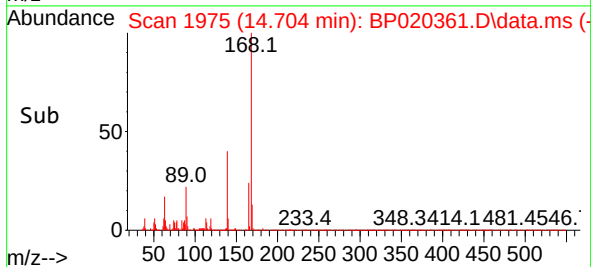
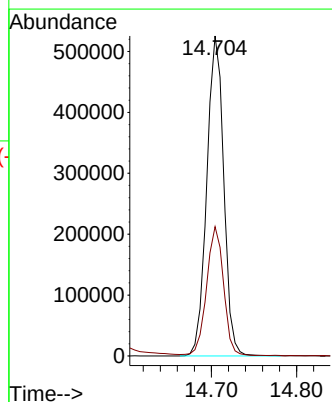
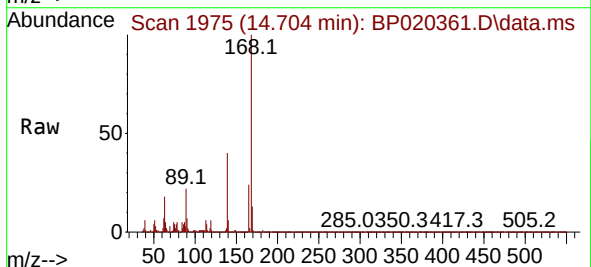
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

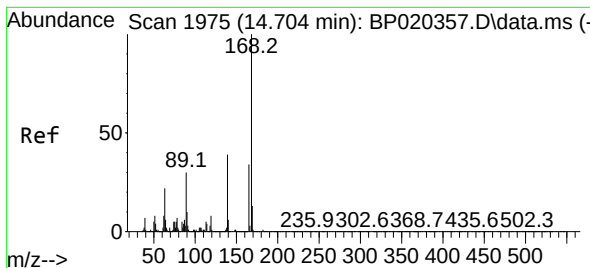


#56  
Dibenzofuran  
Concen: 43.111 ng/ul  
RT: 14.704 min Scan# 1975  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:168 Resp: 726880  
Ion Ratio Lower Upper  
168 100  
139 40.4 32.7 49.1

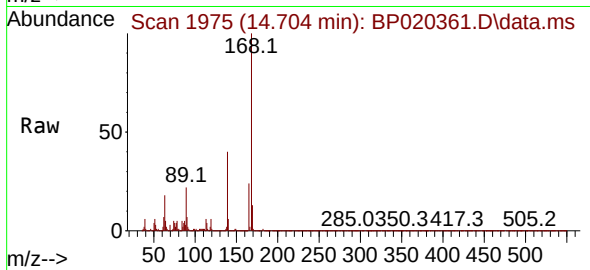






#57  
2,4-Dinitrotoluene  
Concen: 46.393 ng/ul  
RT: 14.704 min Scan# 1975  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

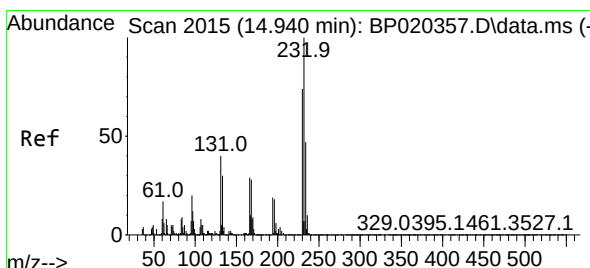
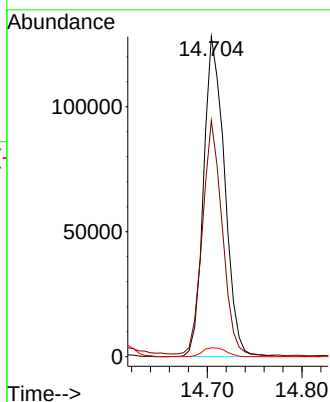
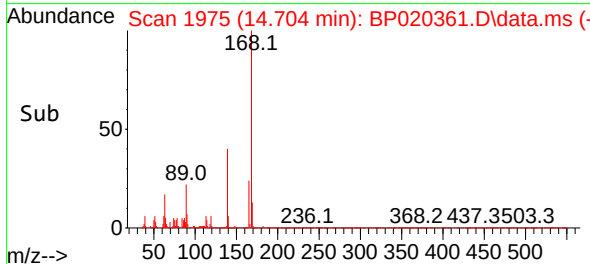
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



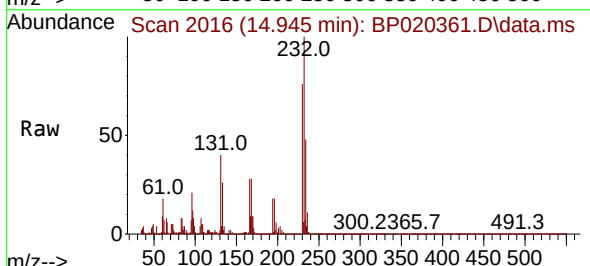
Tgt Ion:165 Resp: 196649  
Ion Ratio Lower Upper  
165 100  
63 73.8 59.7 89.5  
182 2.7 2.4 3.6

Manual Integrations  
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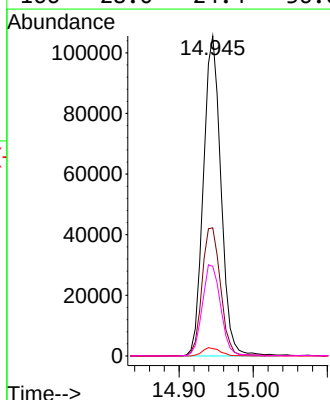
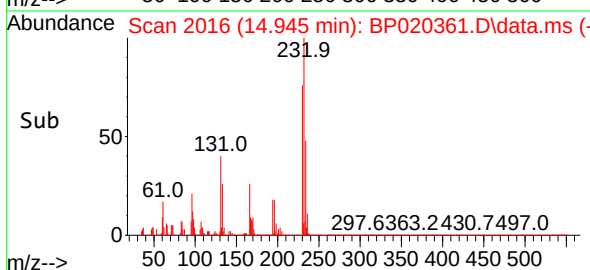
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

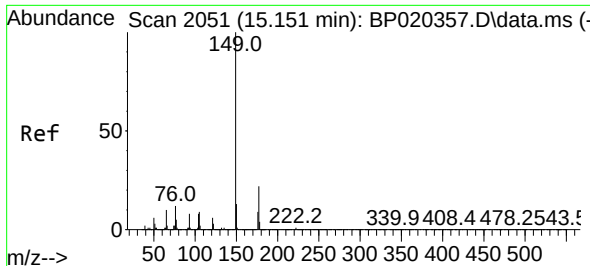


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 45.739 ng/ul  
RT: 14.945 min Scan# 2016  
Delta R.T. 0.018 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



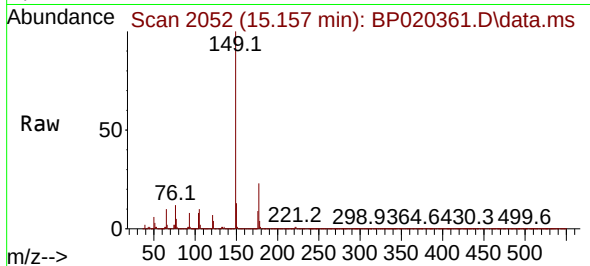
Tgt Ion:232 Resp: 173795  
Ion Ratio Lower Upper  
232 100  
131 40.0 36.7 55.1  
130 2.3 1.9 2.9  
166 28.0 24.4 36.6





#59  
Diethylphthalate  
Concen: 41.271 ng/ul  
RT: 15.157 min Scan# 2051  
Delta R.T. 0.018 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

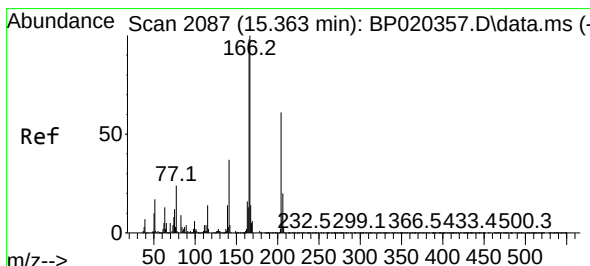
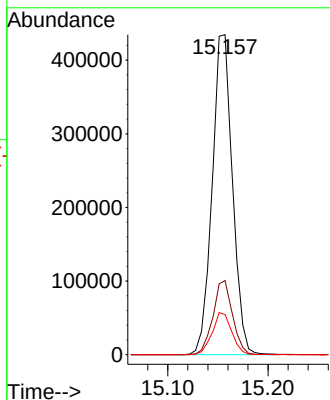
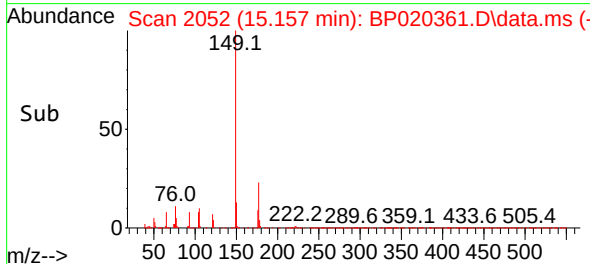
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



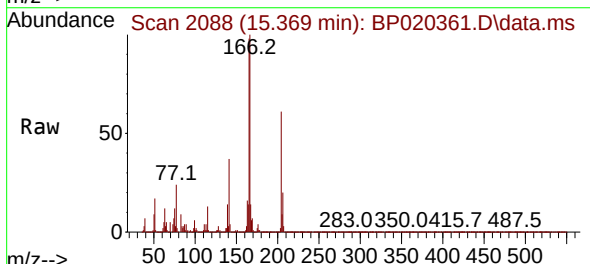
Tgt Ion:149 Resp: 61097  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.9 26.9  
150 12.5 10.2 15.2

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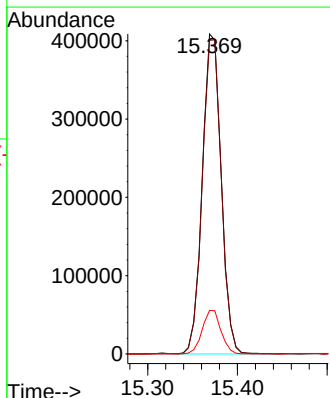
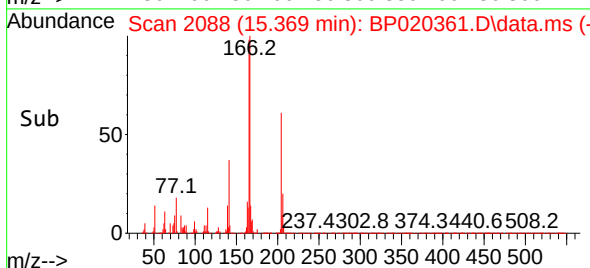
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

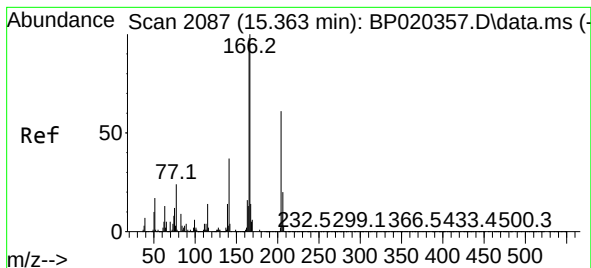


#61  
Fluorene  
Concen: 42.621 ng/ul  
RT: 15.369 min Scan# 2088  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



Tgt Ion:166 Resp: 597095  
Ion Ratio Lower Upper  
166 100  
165 98.0 76.2 114.2  
167 13.6 10.3 15.5





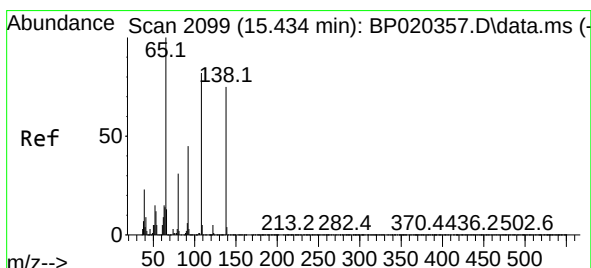
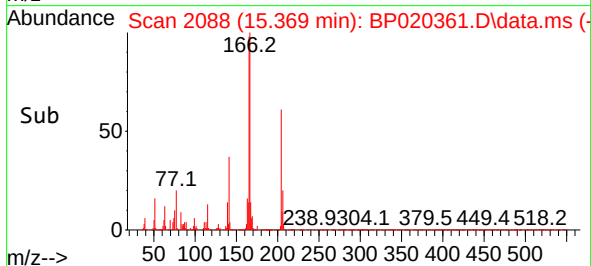
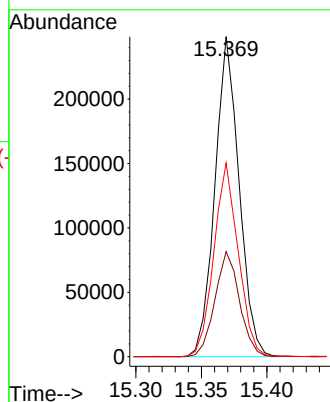
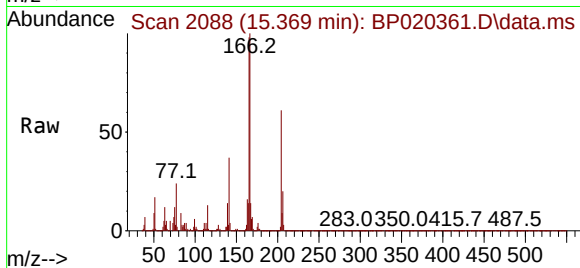
#62  
4-Chlorophenyl-phenylether  
Concen: 42.804 ng/ul  
RT: 15.369 min Scan# 2087  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD

Tgt Ion:204 Resp: 31813  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.4 38.2  
141 60.6 53.0 79.6

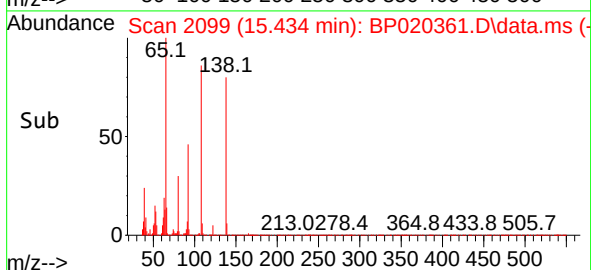
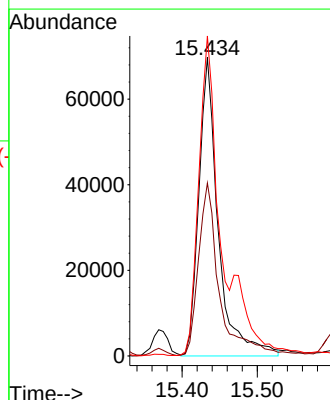
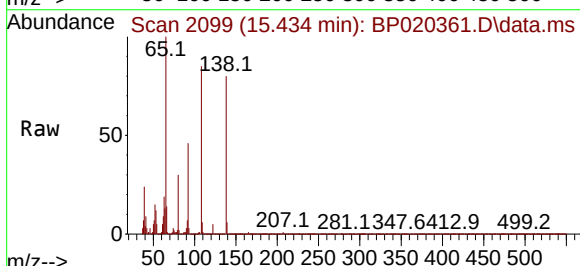
Manual Integrations  
APPROVED

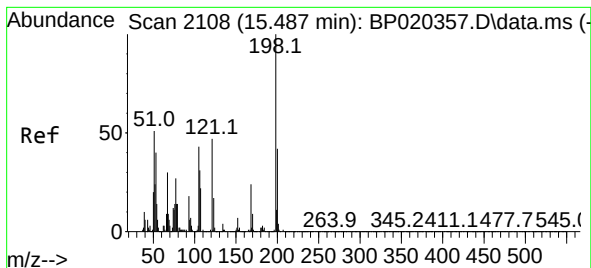
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#63  
4-Nitroaniline  
Concen: 54.483 ng/ul m  
RT: 15.434 min Scan# 2099  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:138 Resp: 124852  
Ion Ratio Lower Upper  
138 100  
92 58.0 47.6 71.4  
108 107.2 90.5 135.7





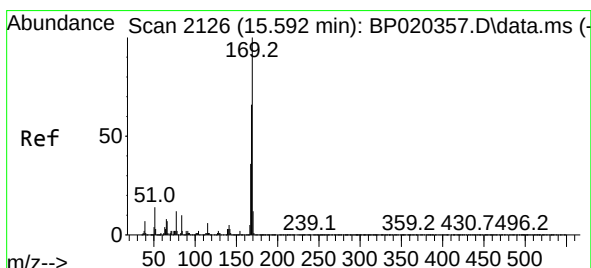
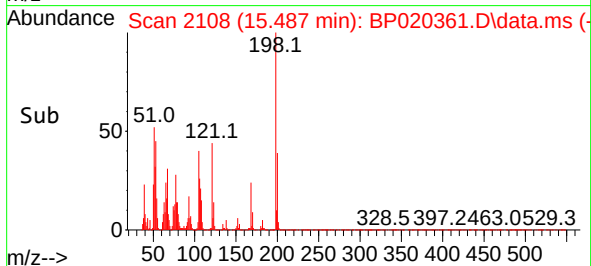
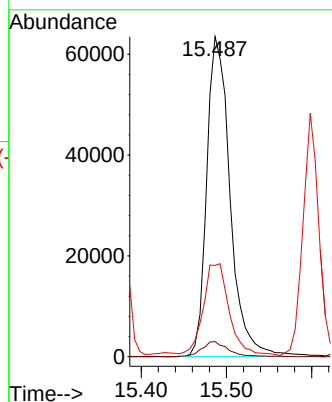
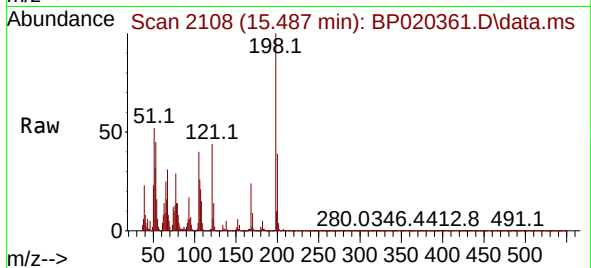
#66  
4,6-Dinitro-2-methylphenol  
Concen: 40.599 ng/ul  
RT: 15.487 min Scan# 2108  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD

Tgt Ion:198 Resp: 120268  
Ion Ratio Lower Upper  
198 100  
182 4.7 3.3 4.9  
77 28.6 24.4 36.6

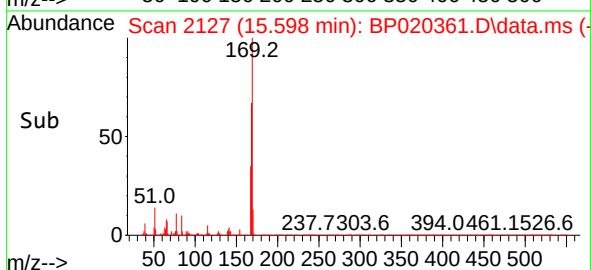
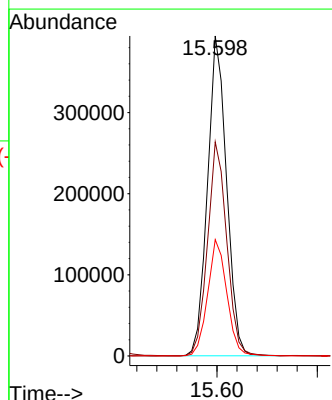
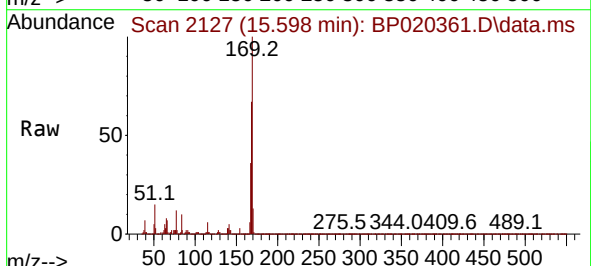
Manual Integrations  
APPROVED

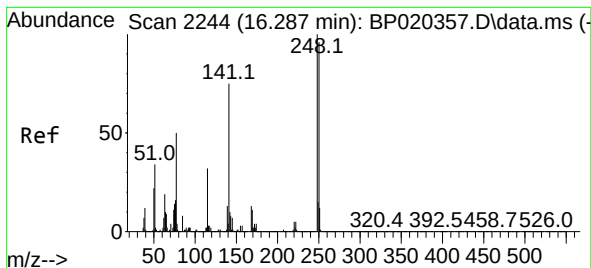
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#67  
N-Nitrosodiphenylamine  
Concen: 41.903 ng/ul  
RT: 15.598 min Scan# 2127  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

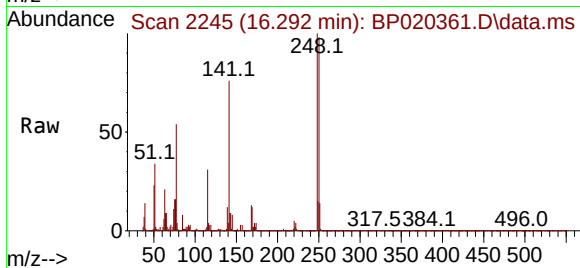
Tgt Ion:169 Resp: 522330  
Ion Ratio Lower Upper  
169 100  
168 66.9 54.2 81.2  
167 36.3 29.0 43.6





#68  
4-Bromophenyl-phenylether  
Concen: 42.385 ng/ul  
RT: 16.292 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

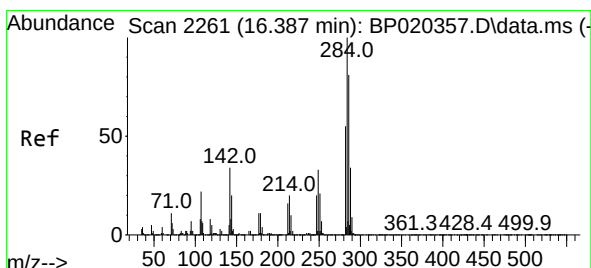
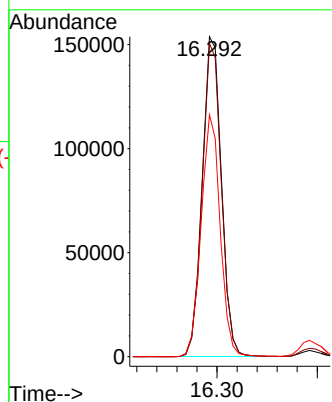
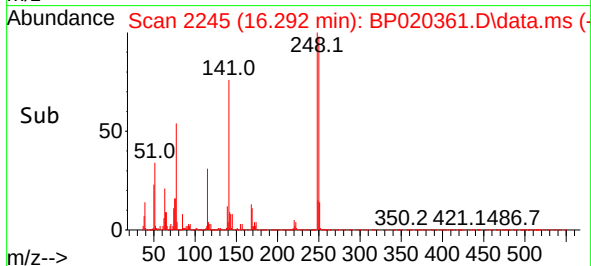
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:248 Resp: 20553  
Ion Ratio Lower Upper  
248 100  
250 97.9 76.2 114.4  
141 75.6 57.2 85.8

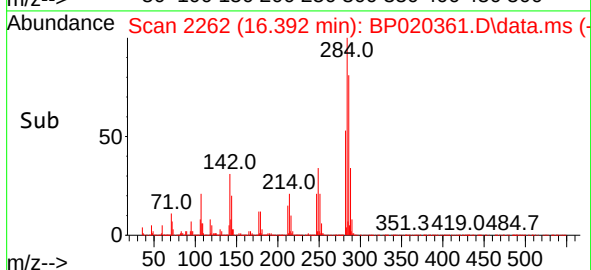
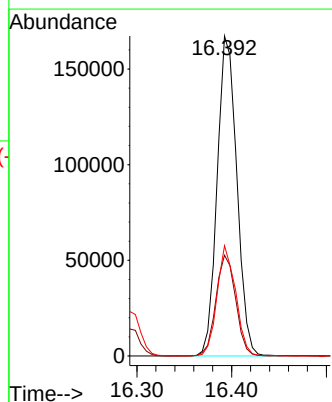
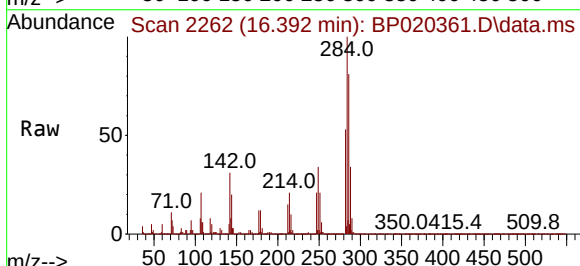
Manual Integrations  
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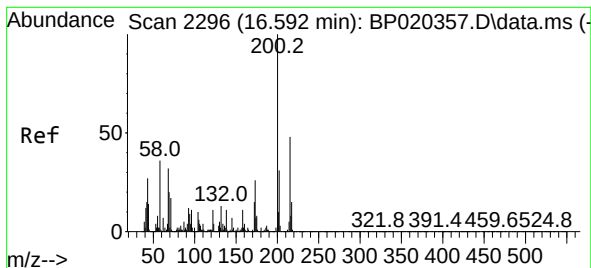
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#69  
Hexachlorobenzene  
Concen: 43.008 ng/ul  
RT: 16.392 min Scan# 2262  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:284 Resp: 241557  
Ion Ratio Lower Upper  
284 100  
142 31.5 27.8 41.8  
249 34.5 25.4 38.0





#70

Atrazine

Concen: 45.520 ng/ul

RT: 16.598 min Scan# 2120

Delta R.T. 0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:200 Resp: 201200

Ion Ratio Lower Upper

200 100

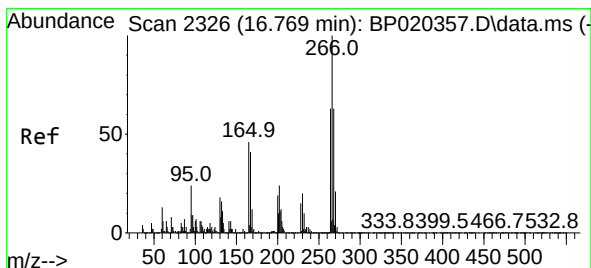
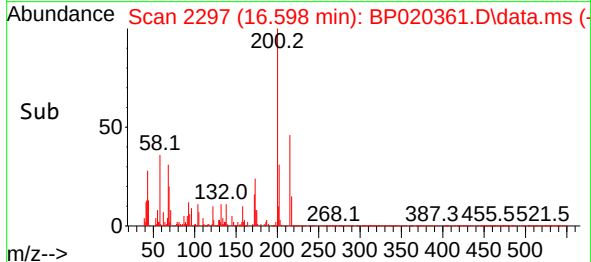
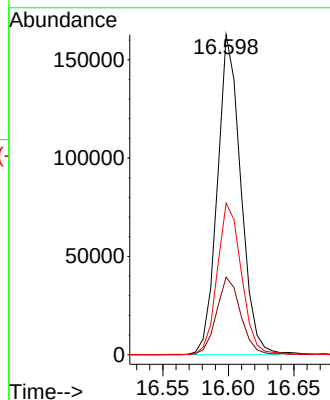
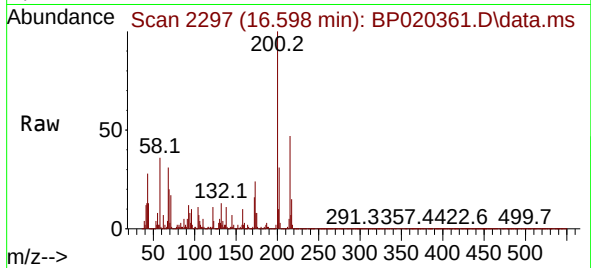
173 24.2 20.3 30.5

215 47.4 37.8 56.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#71

Pentachlorophenol

Concen: 42.340 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. 0.018 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

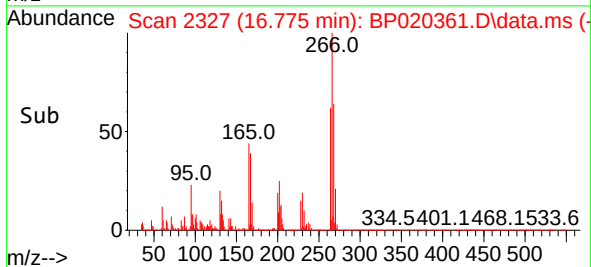
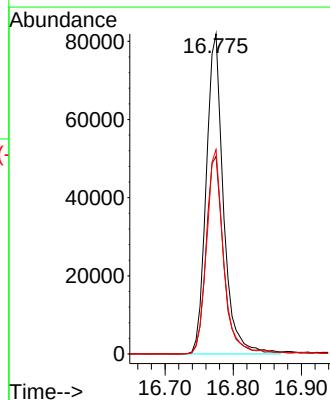
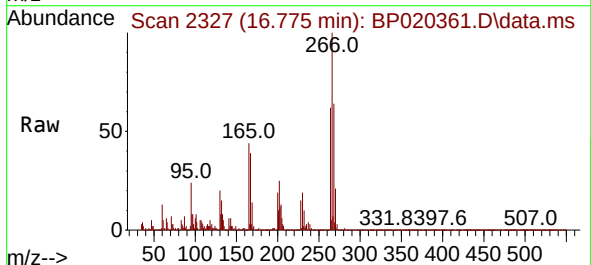
Tgt Ion:266 Resp: 143739

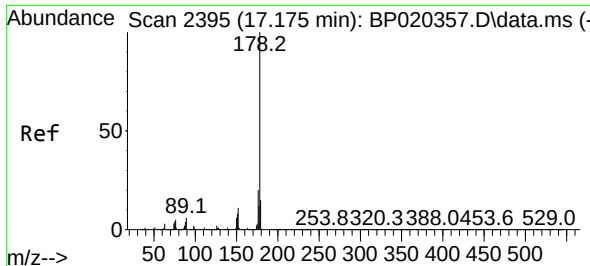
Ion Ratio Lower Upper

266 100

264 61.7 49.8 74.6

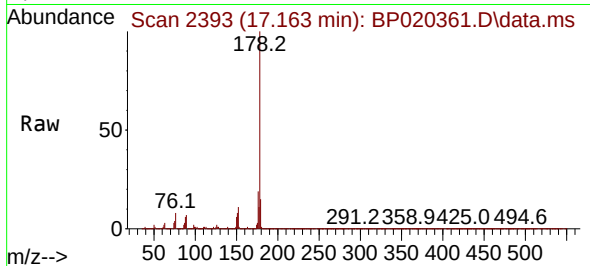
268 63.9 50.4 75.6





#72  
Phenanthrene  
Concen: 42.345 ng/ul  
RT: 17.163 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

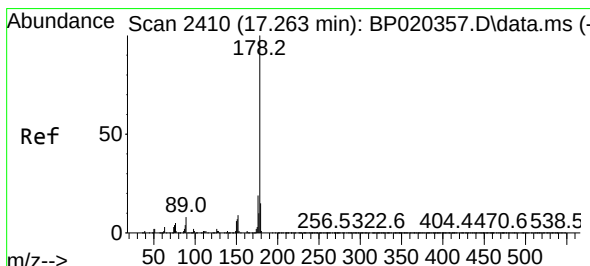
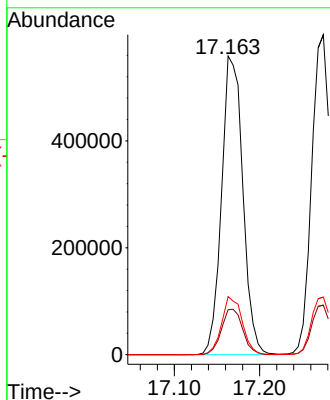
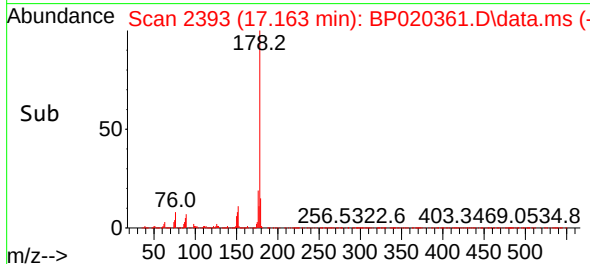
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



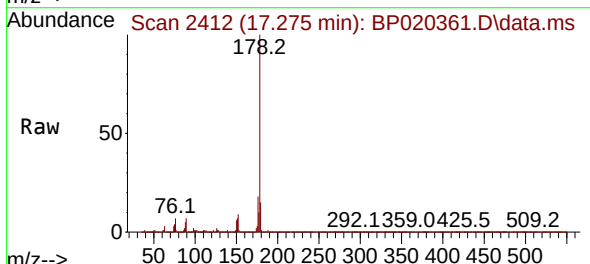
Tgt Ion:178 Resp: 967235  
Ion Ratio Lower Upper  
178 100  
179 15.1 13.0 19.6  
176 19.4 15.2 22.8

Manual Integrations  
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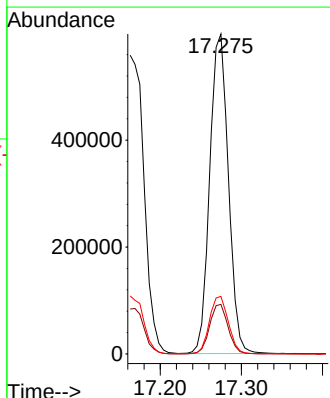
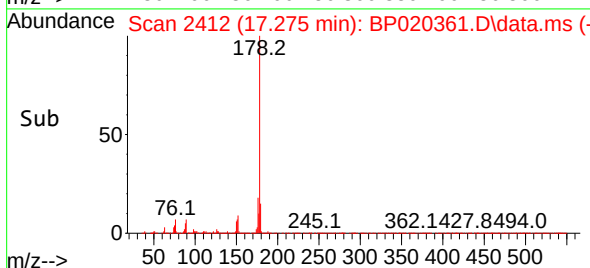
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024

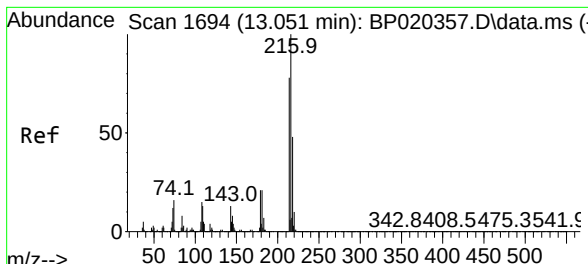


#74  
Anthracene  
Concen: 41.049 ng/ul  
RT: 17.275 min Scan# 2412  
Delta R.T. 0.012 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03



Tgt Ion:178 Resp: 953657  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.0 18.0  
176 18.0 14.8 22.2



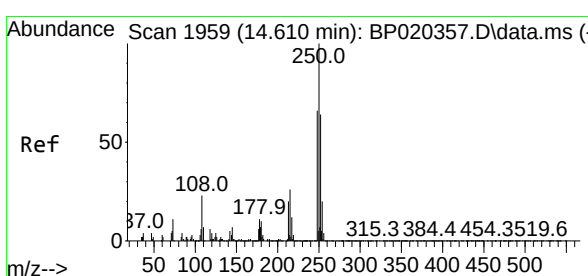
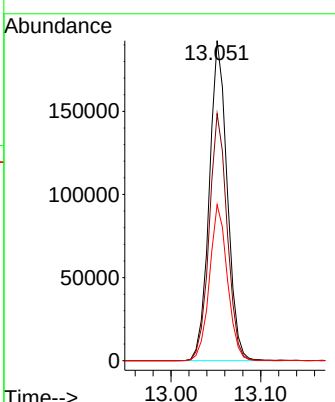
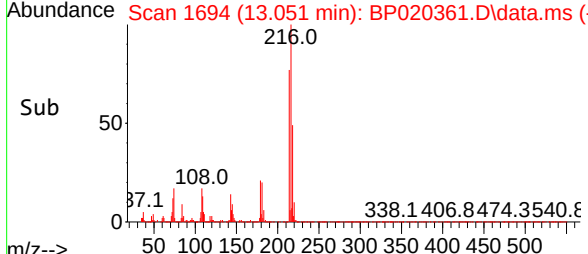
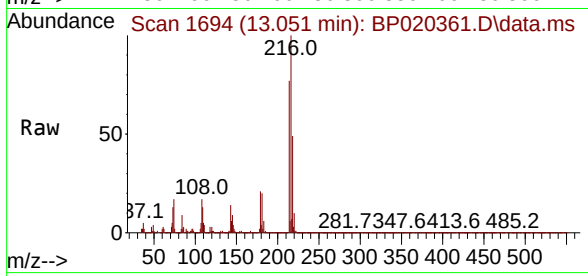


#75  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 40.211 ng/uL  
 RT: 13.051 min Scan# 1694  
 Delta R.T. 0.000 min  
 Lab File: BP020361.D  
 Acq: 13 May 2024 20:03

Instrument : BNA\_P  
 ClientSampleId : A43Q5MSD

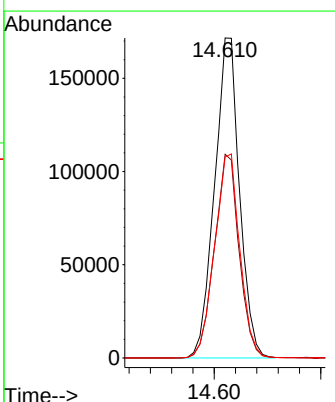
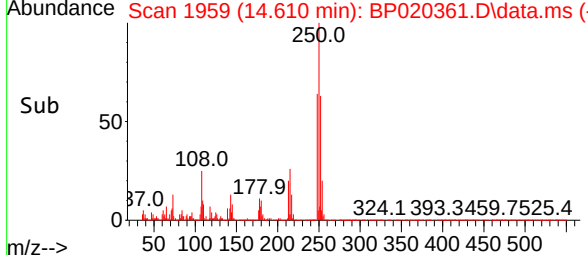
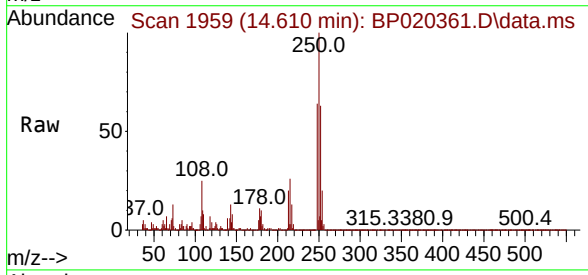
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 26755 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.2  | 60.1  | 90.1  |
| 218       | 48.8  | 38.7  | 58.1  |

Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 05/14/2024  
 Supervised By :mohammad ahmed 05/15/2024

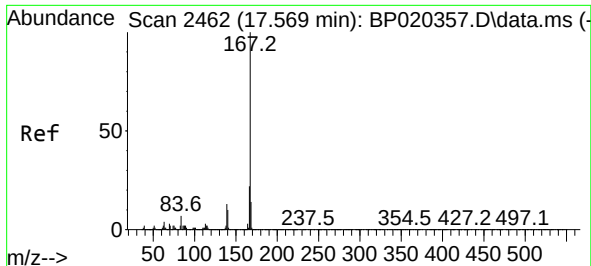


#76  
 Pentachlorobenzene  
 Concen: 41.892 ng/uL  
 RT: 14.610 min Scan# 1959  
 Delta R.T. 0.012 min  
 Lab File: BP020361.D  
 Acq: 13 May 2024 20:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 278937 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 63.6  | 51.0  | 76.6   |
| 252       | 62.8  | 52.1  | 78.1   |







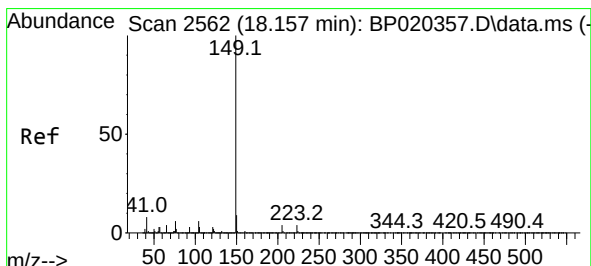
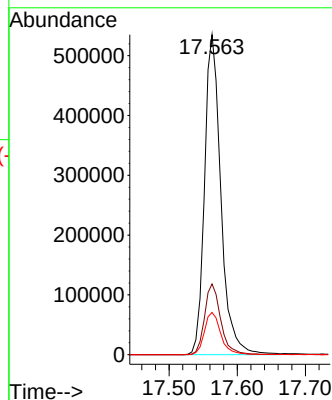
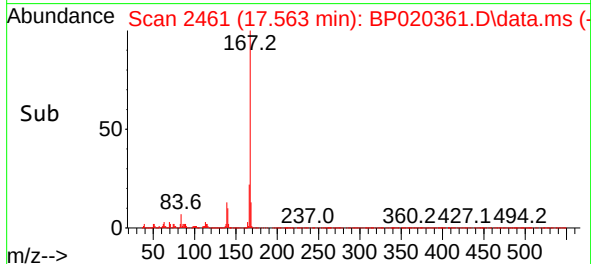
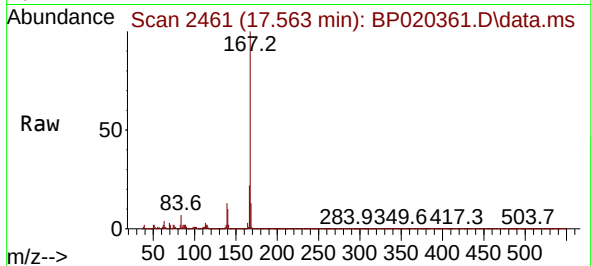
#77  
 Carbazole  
 Concen: 44.538 ng/ul  
 RT: 17.563 min Scan# 2461  
 Delta R.T. 0.000 min  
 Lab File: BP020361.D  
 Acq: 13 May 2024 20:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A43Q5MSD

Tgt Ion:167 Resp: 891375  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.4 26.0  
 139 13.2 11.0 16.4

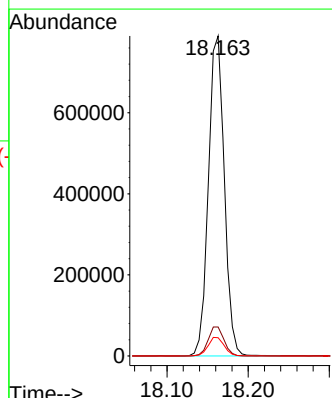
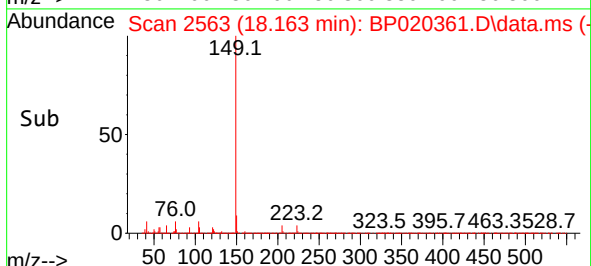
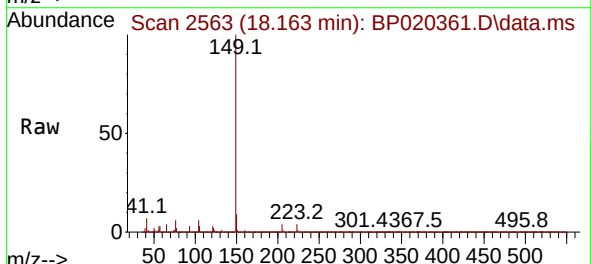
Manual Integrations  
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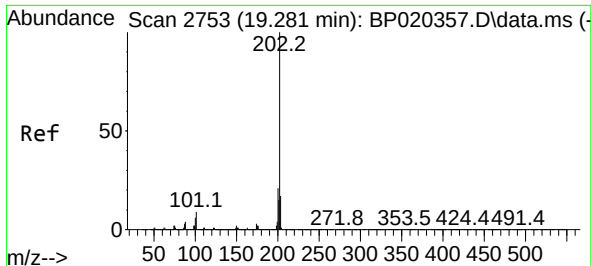
Reviewed By :Jagrut Upadhyay 05/14/2024  
 Supervised By :mohammad ahmed 05/15/2024



#78  
 Di-n-butylphthalate  
 Concen: 44.188 ng/ul  
 RT: 18.163 min Scan# 2563  
 Delta R.T. 0.012 min  
 Lab File: BP020361.D  
 Acq: 13 May 2024 20:03

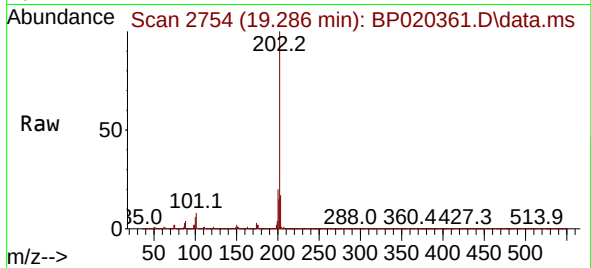
Tgt Ion:149 Resp: 1071974  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 5.7 5.0 7.6





#80  
Fluoranthene  
Concen: 37.691 ng/ul  
RT: 19.286 min Scan# 2754  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

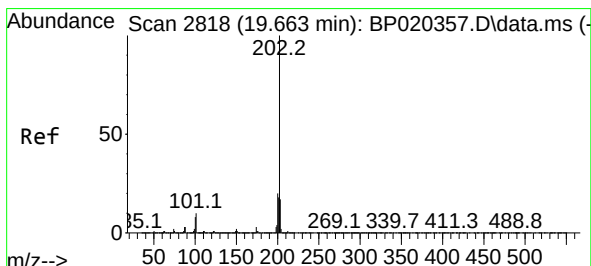
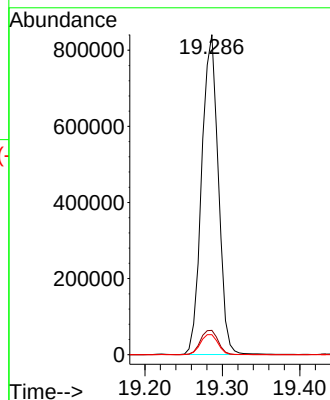
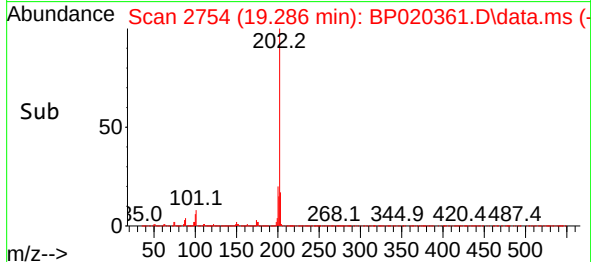
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:202 Resp: 1251810  
Ion Ratio Lower Upper  
202 100  
101 7.6 7.0 10.4  
100 6.2 5.5 8.3

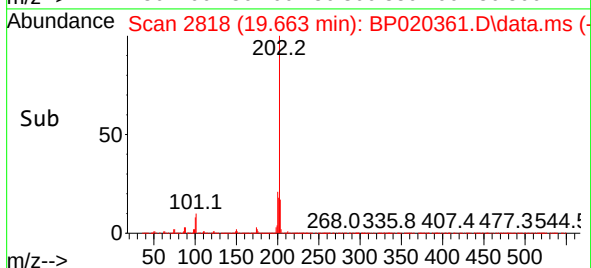
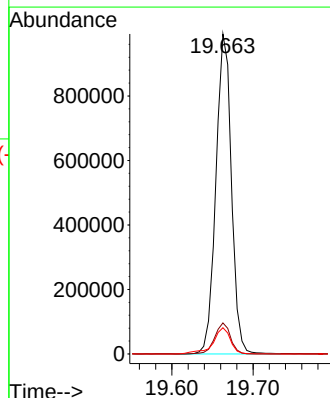
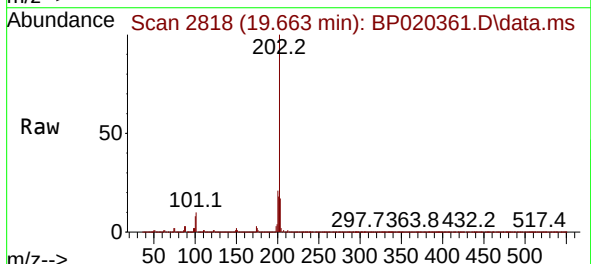
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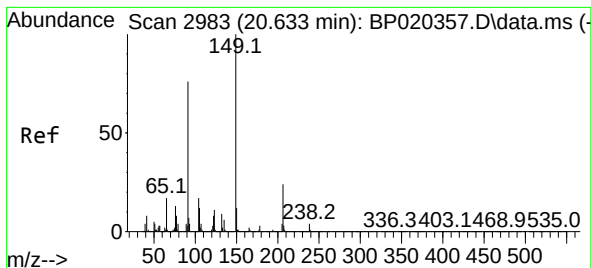
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#82  
Pyrene  
Concen: 38.118 ng/ul  
RT: 19.663 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:202 Resp: 1317240  
Ion Ratio Lower Upper  
202 100  
101 9.7 8.1 12.1  
100 8.2 6.8 10.2





#83

Butylbenzylphthalate

Concen: 39.325 ng/ul

RT: 20.627 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

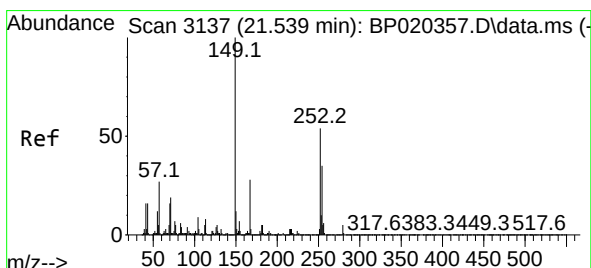
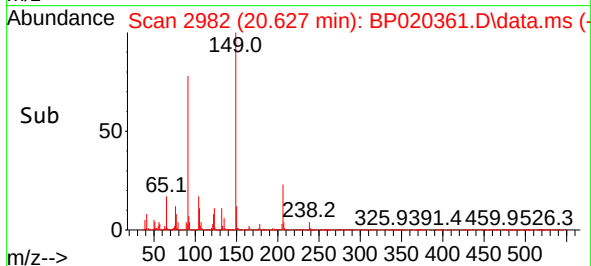
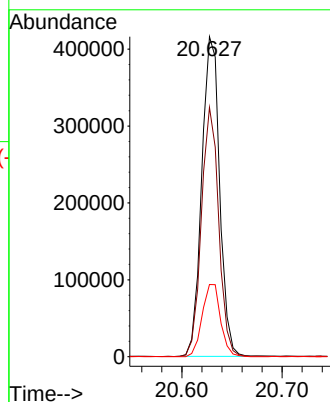
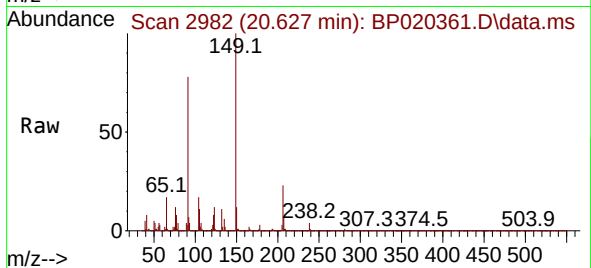
A43Q5MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 51586 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 77.9  | 62.7  | 94.1  |
| 206       | 22.5  | 17.3  | 25.9  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#84

3,3'-Dichlorobenzidine

Concen: 39.955 ng/ul

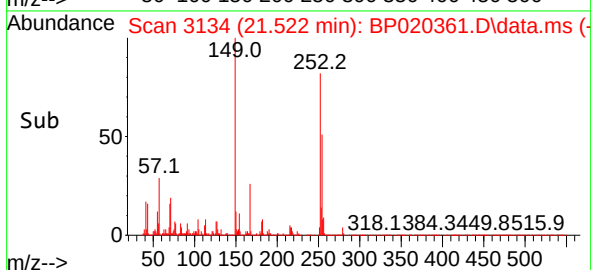
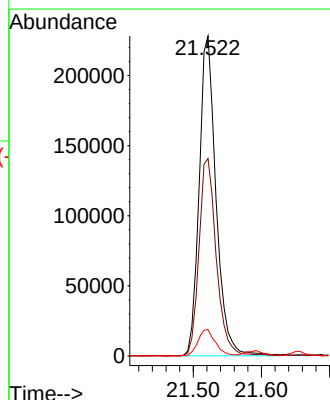
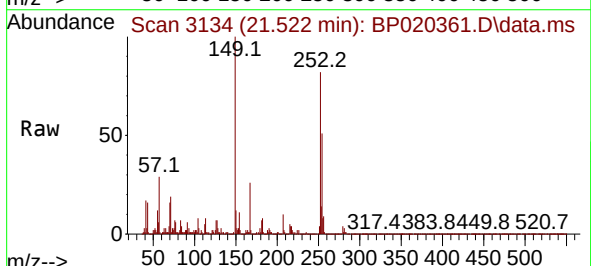
RT: 21.522 min Scan# 3134

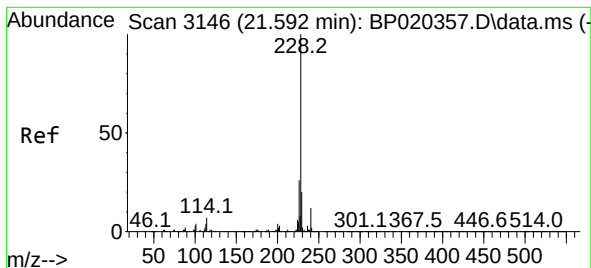
Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 392583 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 61.7  | 50.2  | 75.4   |
| 126       | 8.2   | 7.3   | 10.9   |





#85

Benzo(a)anthracene

Concen: 41.976 ng/ul

RT: 21.586 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:228 Resp: 137454

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

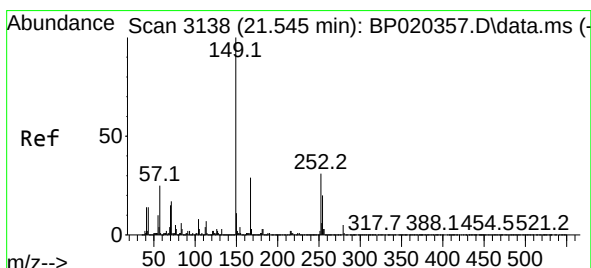
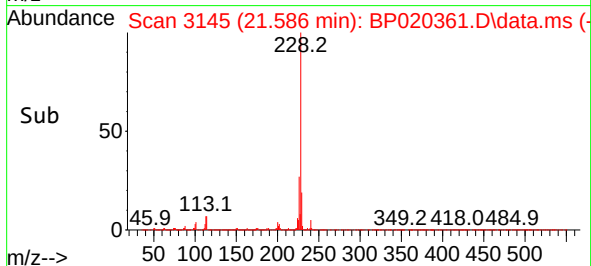
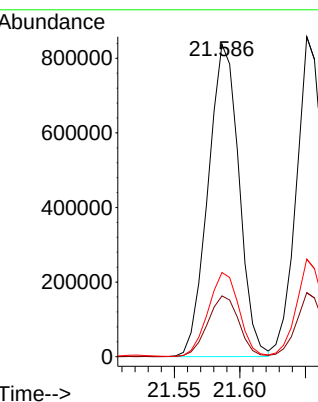
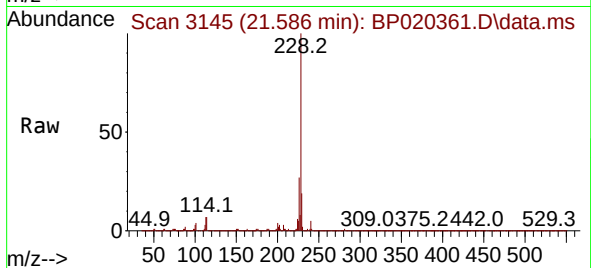
226 26.9 21.5 32.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024

Supervised By :mohammad ahmed 05/15/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.868 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

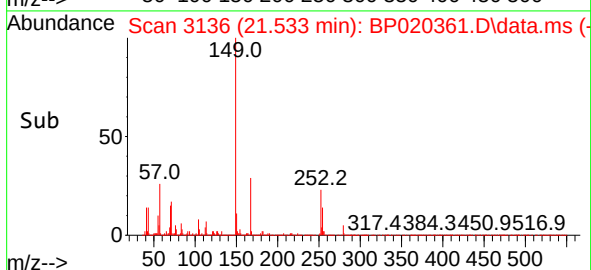
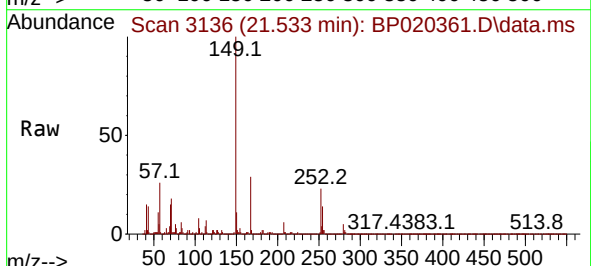
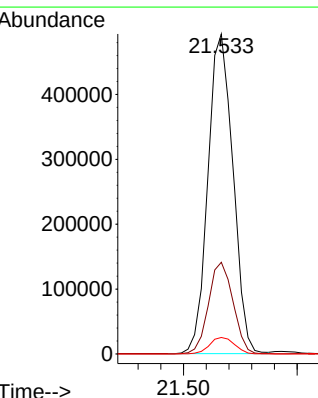
Tgt Ion:149 Resp: 754478

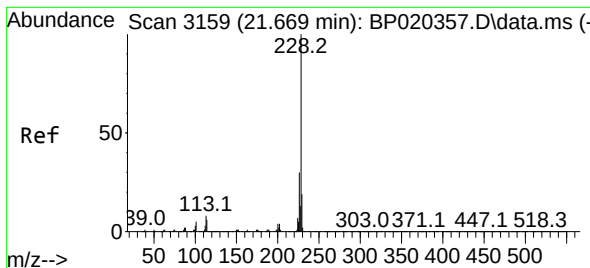
Ion Ratio Lower Upper

149 100

167 28.6 21.4 32.0

279 5.2 3.4 5.2





#87

Chrysene

Concen: 42.148 ng/ul

RT: 21.651 min Scan# 3159

Delta R.T. -0.012 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:228 Resp: 127918

Ion Ratio Lower Upper

228 100

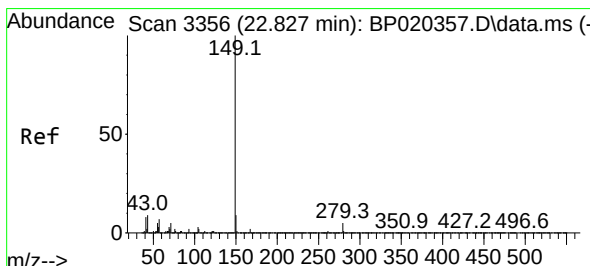
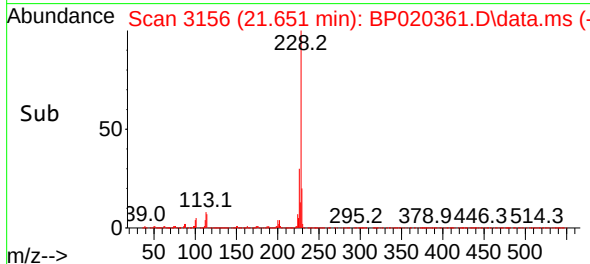
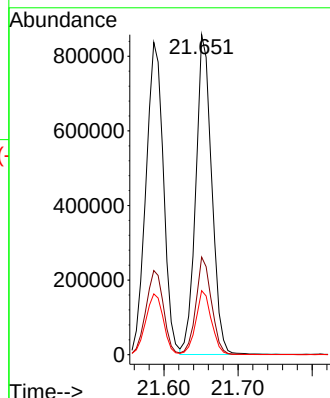
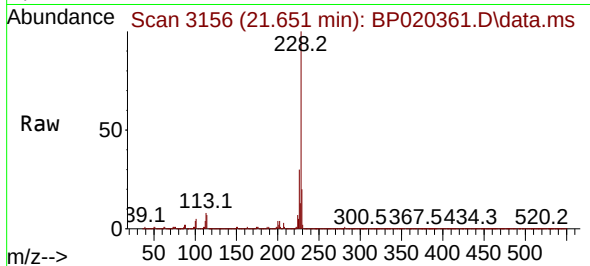
226 30.5 24.2 36.4

229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#89

Di-n-octyl phthalate

Concen: 38.437 ng/ul

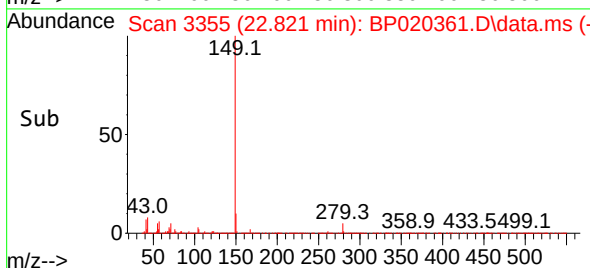
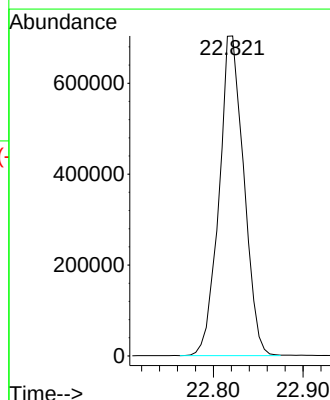
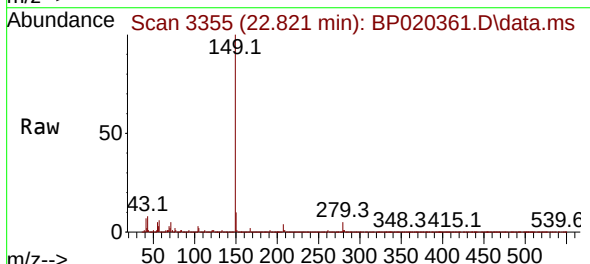
RT: 22.821 min Scan# 3355

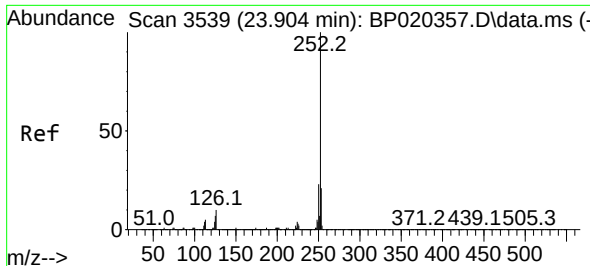
Delta R.T. -0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

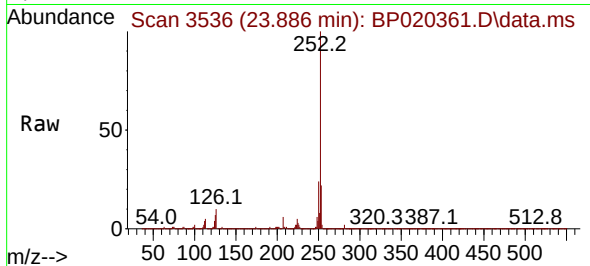
Tgt Ion:149 Resp: 1346051





#90  
Benzo(b)fluoranthene  
Concen: 42.570 ng/ul  
RT: 23.886 min Scan# 3536  
Delta R.T. -0.018 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

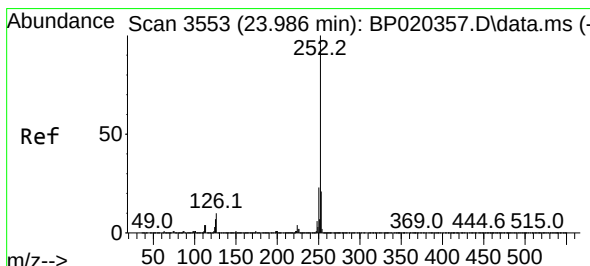
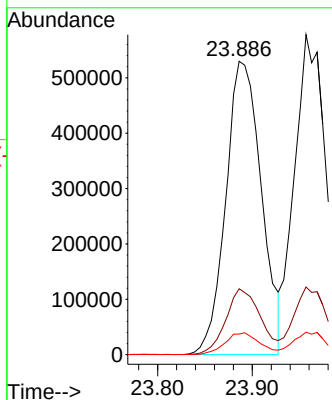
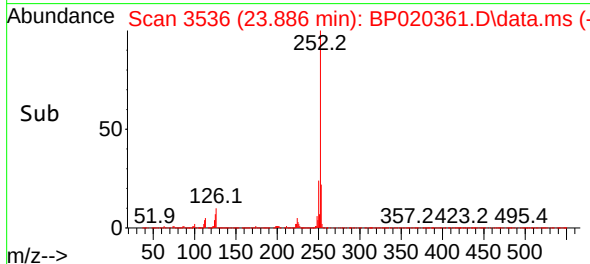
Instrument :  
BNA\_P  
ClientSampleId :  
A43Q5MSD



Tgt Ion:252 Resp: 138472  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 7.0 6.2 9.2

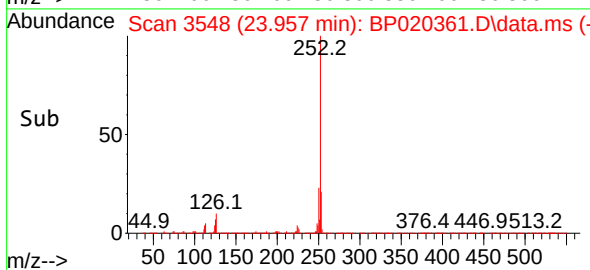
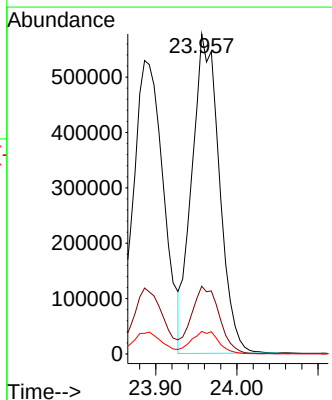
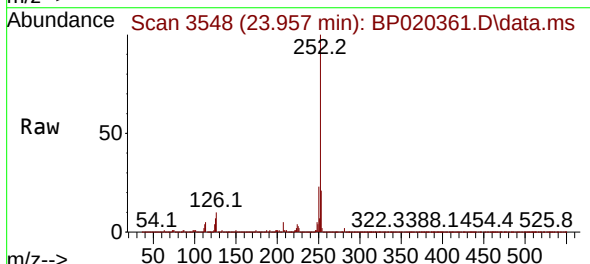
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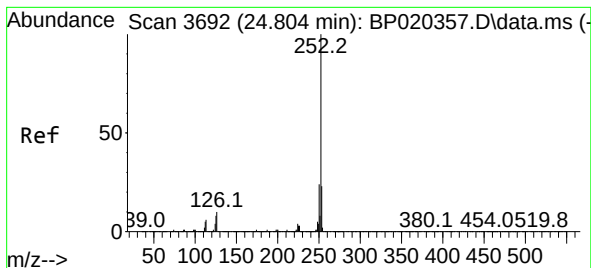
Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#91  
Benzo(k)fluoranthene  
Concen: 40.749 ng/ul  
RT: 23.957 min Scan# 3548  
Delta R.T. -0.018 min  
Lab File: BP020361.D  
Acq: 13 May 2024 20:03

Tgt Ion:252 Resp: 1350798  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.3 25.9  
125 7.1 5.6 8.4





#93

Benzo(a)pyrene

Concen: 37.308 ng/ul

RT: 24.804 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:252 Resp: 115471

Ion Ratio Lower Upper

252 100

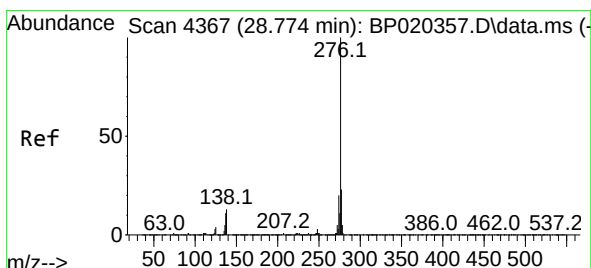
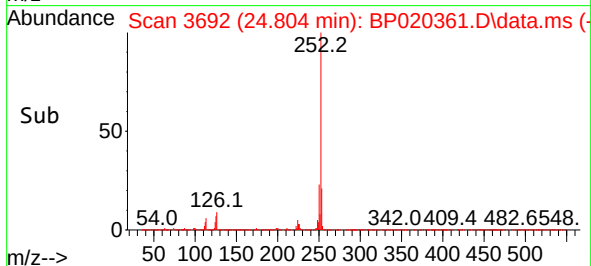
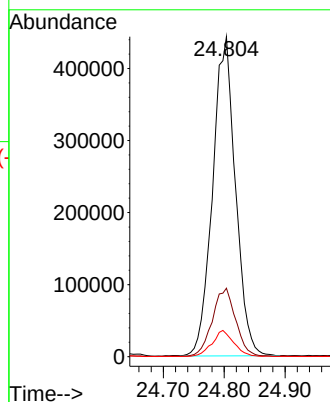
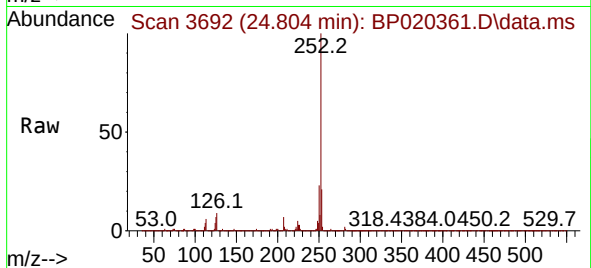
253 21.4 17.4 26.0

125 7.1 6.6 10.0

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.455 ng/ul

RT: 28.768 min Scan# 4366

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

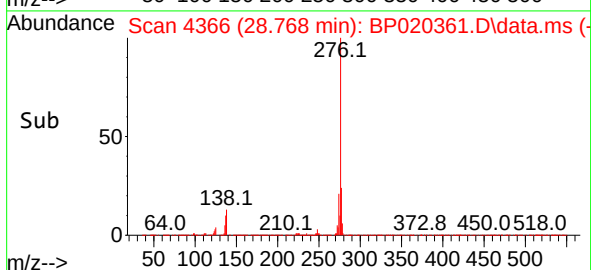
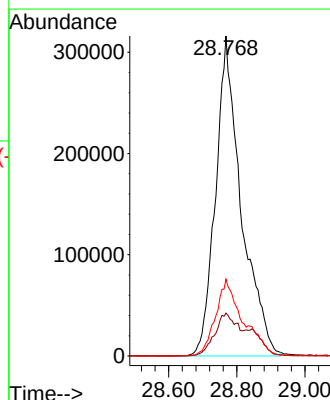
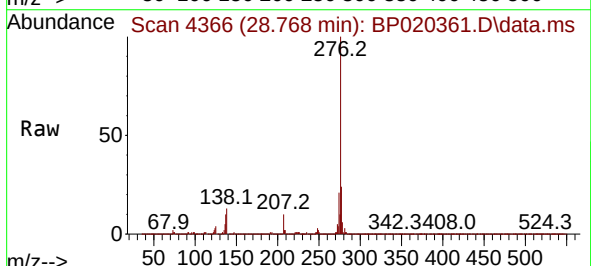
Tgt Ion:276 Resp: 1648737

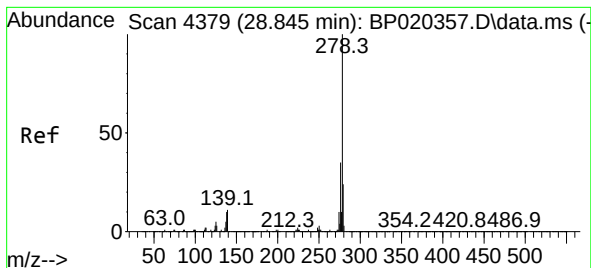
Ion Ratio Lower Upper

276 100

138 13.4 12.3 18.5

277 24.0 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 42.304 ng/ul

RT: 28.845 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Instrument :

BNA\_P

ClientSampleId :

A43Q5MSD

Tgt Ion:278 Resp: 132761

Ion Ratio Lower Upper

278 100

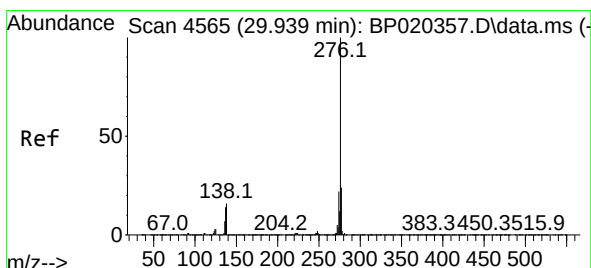
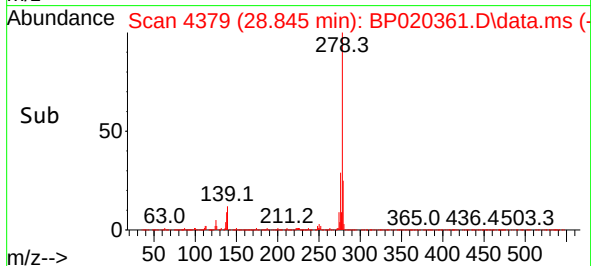
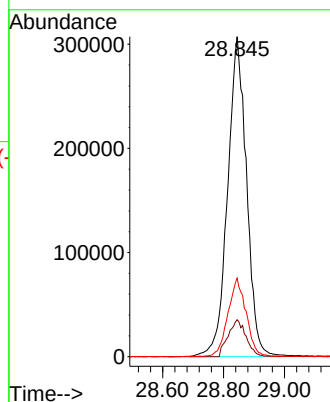
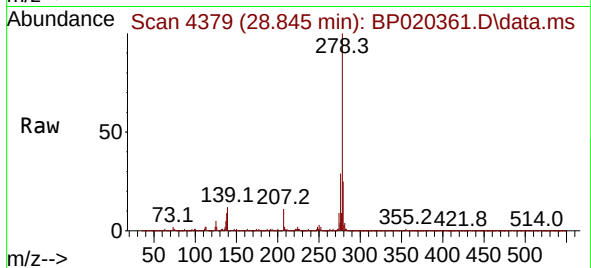
139 11.5 10.2 15.2

279 24.5 19.3 28.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/14/2024  
Supervised By :mohammad ahmed 05/15/2024



#96

Benzo(g,h,i)perylene

Concen: 41.609 ng/ul m

RT: 29.945 min Scan# 4566

Delta R.T. 0.006 min

Lab File: BP020361.D

Acq: 13 May 2024 20:03

Tgt Ion:276 Resp: 1273264

Ion Ratio Lower Upper

276 100

138 16.0 11.6 17.4

277 23.2 19.4 29.0

