

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012725\  
 Data File : BP023755.D  
 Acq On : 28 Jan 2025 01:19  
 Operator : RC/JU  
 Sample : Q1174-15MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2944MS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 02:29:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012225.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 27 21:53:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 596084   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.569 | 136  | 2560576  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.422 | 164  | 1649853  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 3391834  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.674 | 240  | 3499863  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.074 | 264  | 3756304  | 20.000 | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 65171    | 4.404  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.711  | 84   | 397430   | 9.306  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 476042   | 9.438  | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 965031   | 33.873 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 1301235  | 33.935 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 911842   | 22.990 | ng/u1  | 0.03     |
| 21) Nitrobenzene-d5           | 8.940  | 128  | 750036   | 38.878 | ng/u1  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.657  | 143  | 817639   | 46.229 | ng/u1  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 1489452  | 40.064 | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.698 | 131  | 1844481  | 31.023 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.822 | 166  | 4719726  | 39.777 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 5307623  | 38.651 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.645 | 143  | 259498   | 10.884 | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.428 | 176  | 4080354  | 40.174 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 820898   | 49.146 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.322 | 188  | 6586263  | 40.447 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.692 | 212  | 7697559  | 43.223 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.856 | 264  | 8158470  | 43.393 | ng/u1  | 0.01     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.334  | 88   | 82221    | 5.252  | ng/uL  | 97       |
| 5) Pyridine                   | 3.728  | 79   | 445386   | 10.316 | ng/u1  | 94       |
| 6) Benzaldehyde               | 6.940  | 77   | 636656   | 25.116 | ng/u1  | 98       |
| 8) Phenol                     | 7.004  | 94   | 523949   | 9.928  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.216  | 93   | 1424285  | 34.689 | ng/u1  | 100      |
| 12) 2-Chlorophenol            | 7.369  | 128  | 1346688  | 33.130 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.240  | 108  | 1044018  | 27.260 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.304  | 45   | 1429437  | 33.565 | ng/u1  | 99       |
| 16) Acetophenone              | 8.604  | 105  | 2341146  | 36.755 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.593  | 70   | 1095818  | 37.185 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.563  | 108  | 1009247  | 23.700 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.869  | 117  | 341283   | 20.543 | ng/u1  | 95       |
| 22) Nitrobenzene              | 8.981  | 77   | 1599079  | 35.477 | ng/u1  | 97       |
| 23) Isophorone                | 9.510  | 82   | 3186395  | 37.167 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.687  | 139  | 886084   | 42.671 | ng/u1  | 93       |
| 26) 2,4-Dimethylphenol        | 9.757  | 107  | 1311660  | 30.477 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.981  | 93   | 1962154  | 35.321 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.228 | 162  | 1485771  | 38.657 | ng/u1  | 100      |
| 30) Naphthalene               | 10.622 | 128  | 4320004  | 31.350 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.722 | 127  | 1110437  | 19.563 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.916 | 225  | 616591   | 25.486 | ng/u1  | 99       |
| 34) Caprolactam               | 11.510 | 113  | 74634m   | 5.294  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.863 | 107  | 1567184  | 39.362 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.228 | 142  | 3287111  | 35.325 | ng/u1  | 100      |

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 Sample : Q1174-15MS  
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Quant Time: Jan 28 02:29:08 2025  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 27 21:53:59 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025

| Compound                      | R.T.   | QIon | Response  | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.451 | 142  | 3337657   | 35.881 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.598 | 216  | 1742035   | 35.548 | ng/ul  | 100      |
| 40) Hexachlorocyclopentadiene | 12.586 | 237  | 602830    | 24.143 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.845 | 196  | 1276081   | 44.290 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.922 | 196  | 1408249   | 44.252 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.245 | 154  | 4482545   | 36.109 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.286 | 162  | 3466259   | 35.864 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.486 | 65   | 1027294   | 44.756 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 13.875 | 163  | 4747054   | 39.852 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.986 | 165  | 1001918   | 47.157 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.139 | 152  | 5592421   | 37.560 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.322 | 138  | 1025196   | 41.347 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.486 | 153  | 3973935   | 37.749 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.522 | 184  | 530573    | 50.867 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.657 | 109  | 196321    | 11.221 | ng/ul  | 98       |
| 56) Dibenzofuran              | 14.822 | 168  | 5555556   | 38.368 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 1518825   | 47.782 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 1230440   | 47.079 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.257 | 149  | 4828955   | 41.218 | ng/ul  | 99       |
| 61) Fluorene                  | 15.486 | 166  | 4757616   | 39.429 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.480 | 204  | 2307463   | 39.069 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.498 | 138  | 1224143   | 48.525 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.557 | 198  | 895650    | 47.680 | ng/ul# | 93       |
| 67) N-Nitrosodiphenylamine    | 15.698 | 169  | 4004001   | 39.304 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.392 | 248  | 1509033   | 41.554 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.504 | 284  | 1817461   | 41.128 | ng/ul  | 98       |
| 70) Atrazine                  | 16.675 | 200  | 1462682   | 38.926 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 16.863 | 266  | 1109258   | 41.556 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.263 | 178  | 7659471   | 39.969 | ng/ul  | 100      |
| 74) Anthracene                | 17.357 | 178  | 7486308   | 39.328 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216  | 1739762   | 35.355 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.745 | 250  | 1937589   | 37.067 | ng/uL  | 100      |
| 77) Carbazole                 | 17.633 | 167  | 7356314   | 43.999 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.227 | 149  | 8643900   | 45.434 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 9044573   | 44.666 | ng/ul  | 98       |
| 82) Pyrene                    | 19.721 | 202  | 9323582   | 42.393 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.674 | 149  | 3987111   | 50.268 | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.574 | 252  | 2542777   | 41.167 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.651 | 228  | 9228561   | 41.593 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.610 | 149  | 5690108   | 48.106 | ng/ul  | 97       |
| 87) Chrysene                  | 21.721 | 228  | 8516760   | 41.001 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.915 | 149  | 9318687   | 49.487 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.998 | 252  | 9326022   | 41.793 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.074 | 252  | 9475074   | 41.190 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.921 | 252  | 8704556   | 41.447 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 28.962 | 276  | 11321391m | 43.372 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 29.044 | 278  | 9271863   | 43.724 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 30.162 | 276  | 8614688   | 42.902 | ng/ul  | 98       |

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

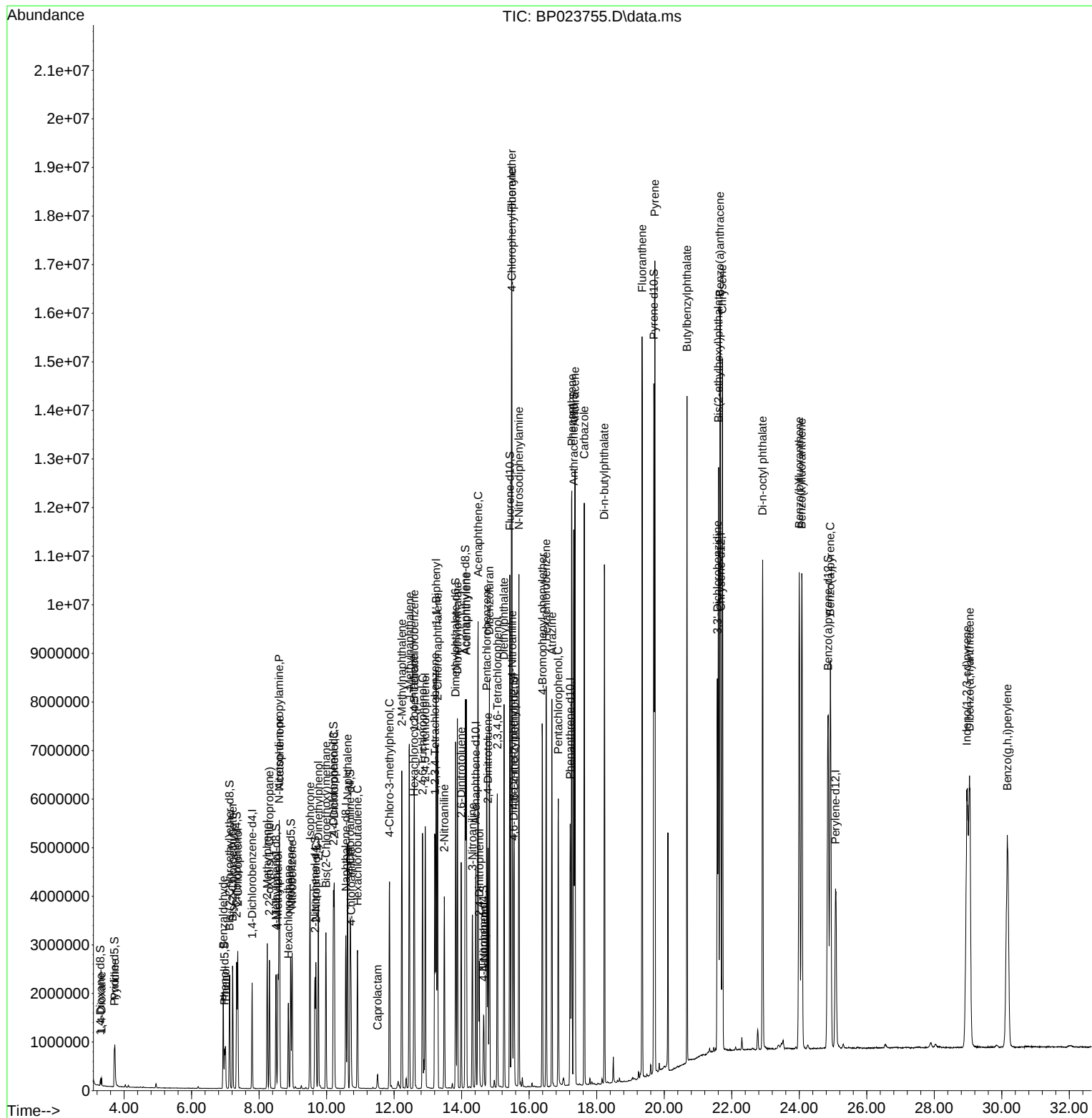
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012725\  
 Data File : BP023755.D  
 Acq On : 28 Jan 2025 01:19  
 Operator : RC/JU  
 Sample : Q1174-15MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

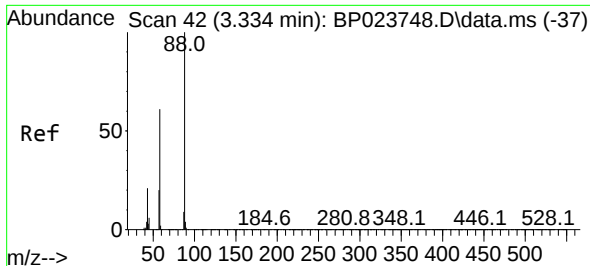
Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2944MS

Quant Time: Jan 28 02:29:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012225.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 27 21:53:59 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

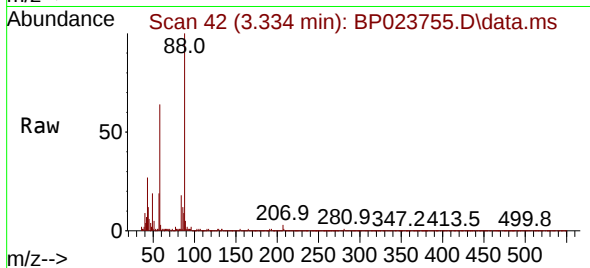
Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025





#2  
1,4-Dioxane  
Concen: 5.252 ng/uL  
RT: 3.334 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

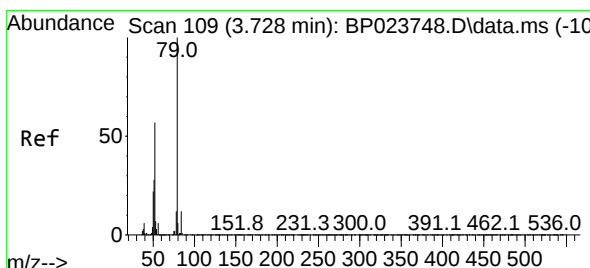
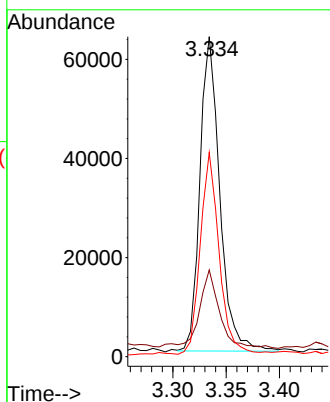
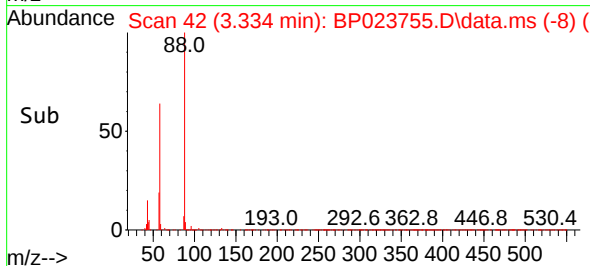
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



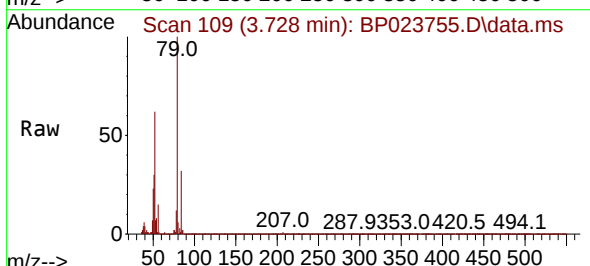
Tgt Ion: 88 Resp: 8222  
Ion Ratio Lower Upper  
88 100  
43 27.1 18.3 27.5  
58 63.8 50.7 76.1

Manual Integrations  
APPROVED

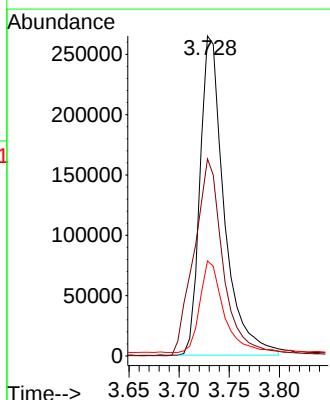
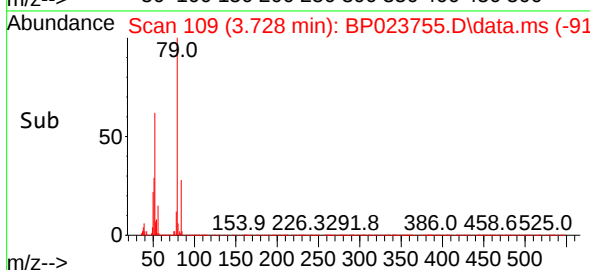
Reviewed By :Jagrut Upadhyay 01/28/2025  
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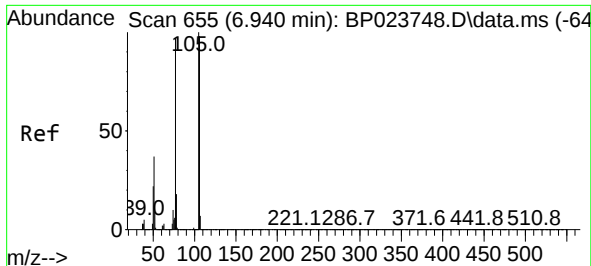


#5  
Pyridine  
Concen: 10.316 ng/uL  
RT: 3.728 min Scan# 109  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



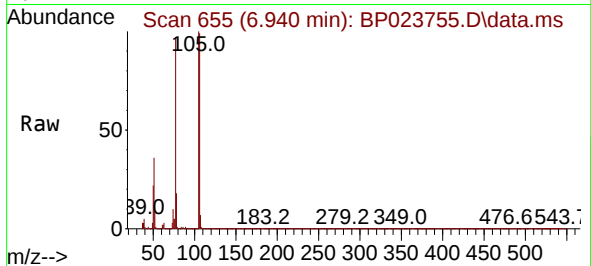
Tgt Ion: 79 Resp: 445386  
Ion Ratio Lower Upper  
79 100  
52 61.6 45.0 67.4  
51 29.7 22.2 33.4





#6  
Benzaldehyde  
Concen: 25.116 ng/ul  
RT: 6.940 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

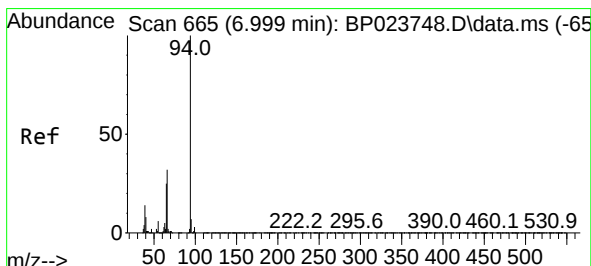
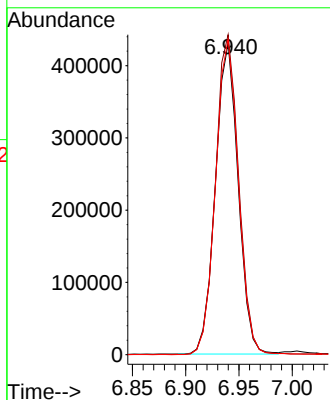
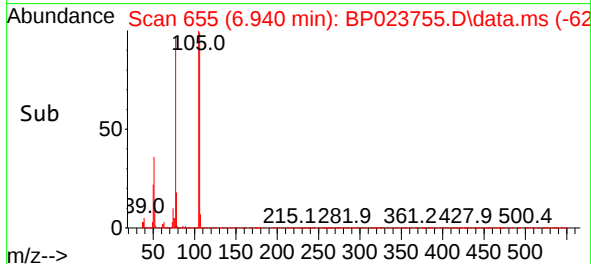
Instrument :  
BNA\_P  
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E2944MS



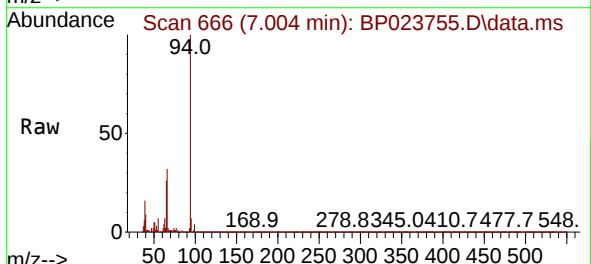
Tgt Ion: 77 Resp: 636650  
Ion Ratio Lower Upper  
77 100  
105 102.7 81.0 121.6  
106 101.2 78.6 118.0

Manual Integrations  
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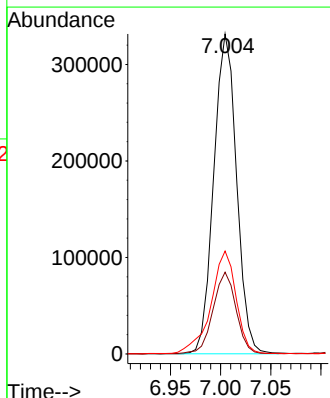
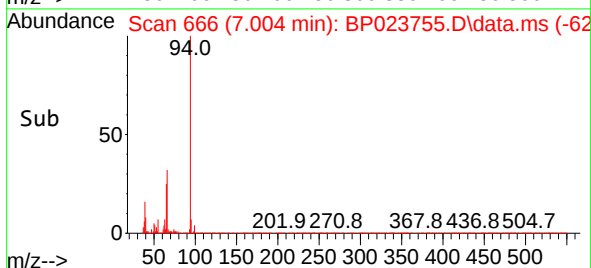
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

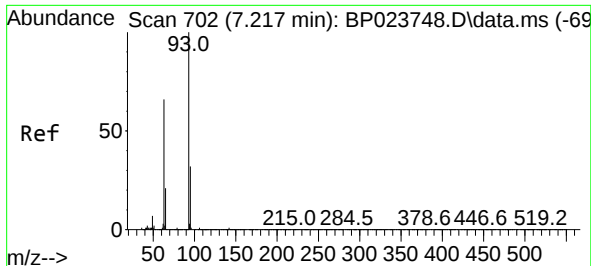


#8  
Phenol  
Concen: 9.928 ng/ul  
RT: 7.004 min Scan# 666  
Delta R.T. 0.029 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



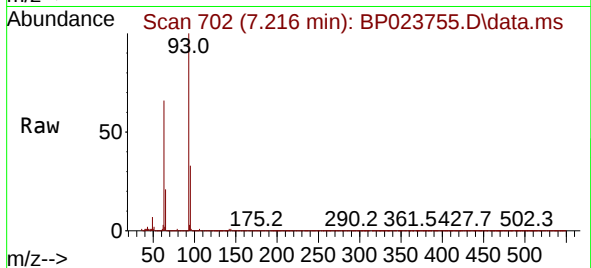
Tgt Ion: 94 Resp: 523949  
Ion Ratio Lower Upper  
94 100  
65 25.5 20.2 30.2  
66 32.1 26.0 39.0





#10  
Bis(2-Chloroethyl)ether  
Concen: 34.689 ng/ul  
RT: 7.216 min Scan# 702  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

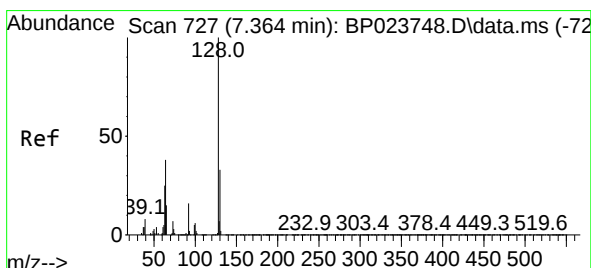
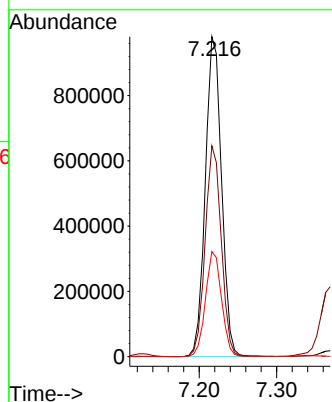
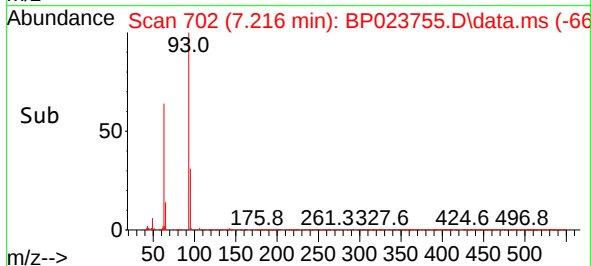
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion: 93 Resp: 1424285  
Ion Ratio Lower Upper  
93 100  
63 65.9 52.9 79.3  
95 32.9 26.1 39.1

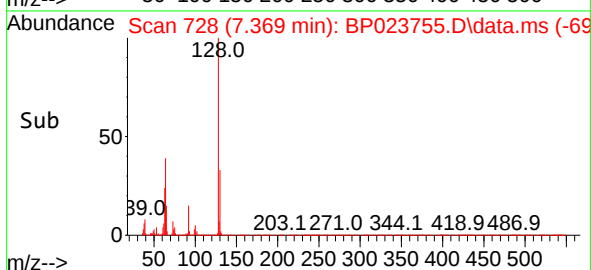
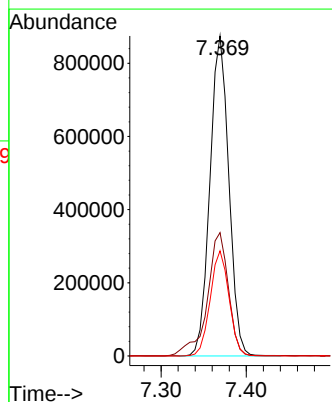
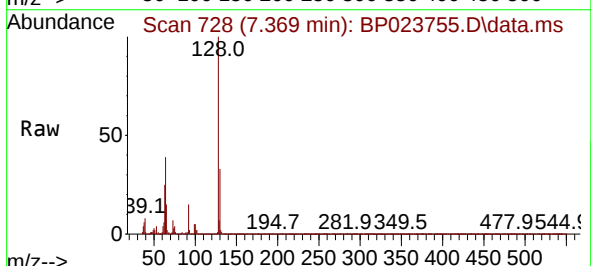
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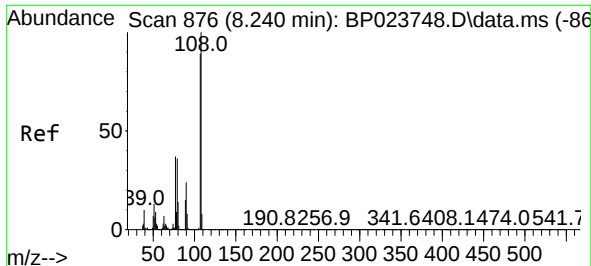
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#12  
2-Chlorophenol  
Concen: 33.130 ng/ul  
RT: 7.369 min Scan# 728  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:128 Resp: 1346688  
Ion Ratio Lower Upper  
128 100  
64 38.5 32.4 48.6  
130 32.9 26.2 39.4





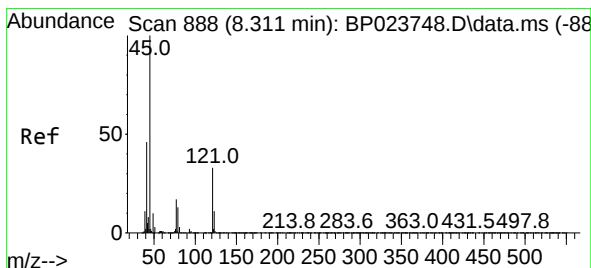
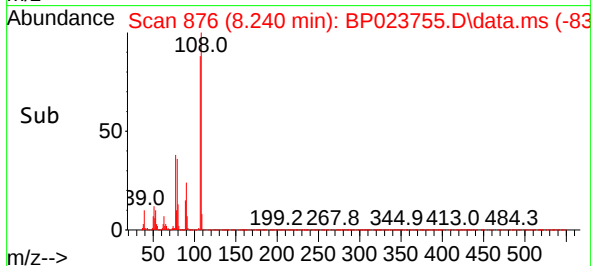
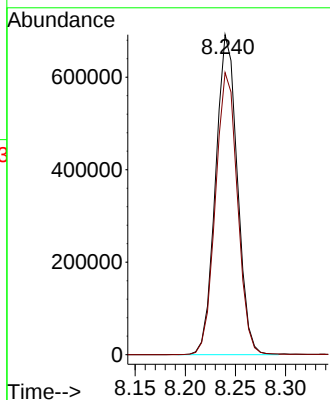
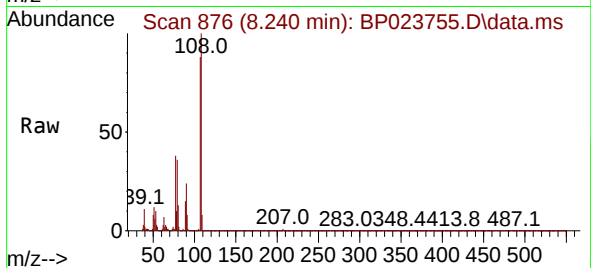
#13  
2-Methylphenol  
Concen: 27.260 ng/ul  
RT: 8.240 min Scan# 81  
Delta R.T. 0.023 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS

Tgt Ion:108 Resp: 1044018  
Ion Ratio Lower Upper  
108 100  
107 88.2 69.6 104.4

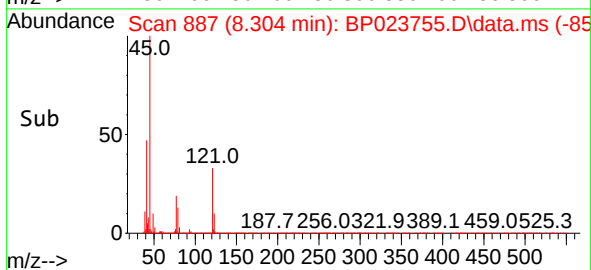
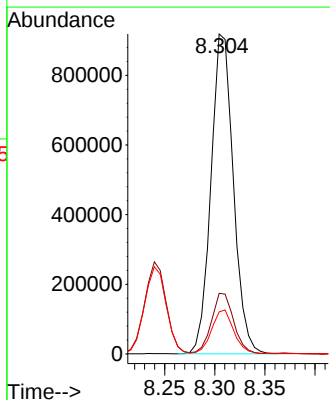
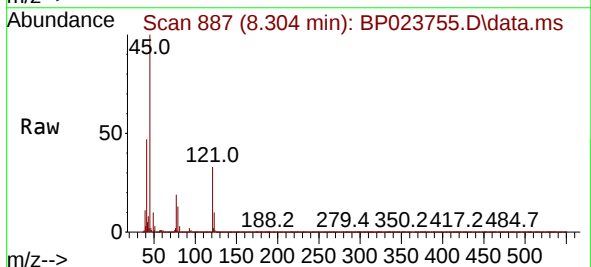
Manual Integrations  
APPROVED

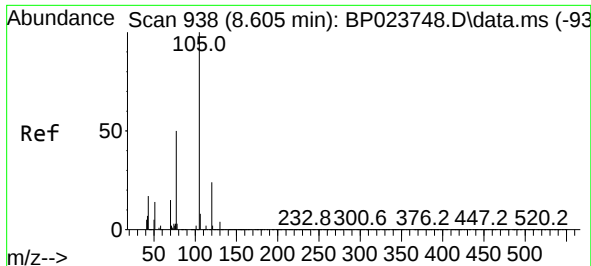
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.565 ng/ul  
RT: 8.304 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

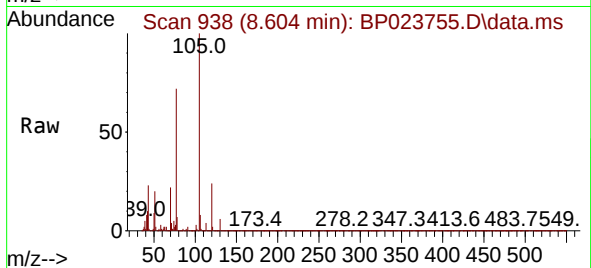
Tgt Ion: 45 Resp: 1429437  
Ion Ratio Lower Upper  
45 100  
77 18.9 14.8 22.2  
79 13.1 10.6 16.0





#16  
Acetophenone  
Concen: 36.755 ng/ul  
RT: 8.604 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

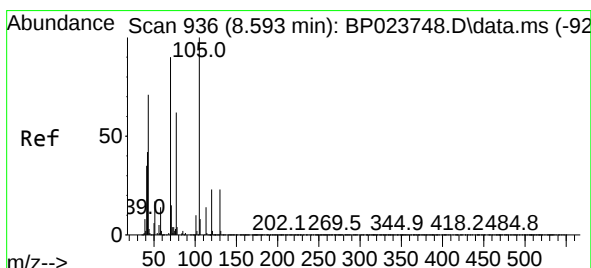
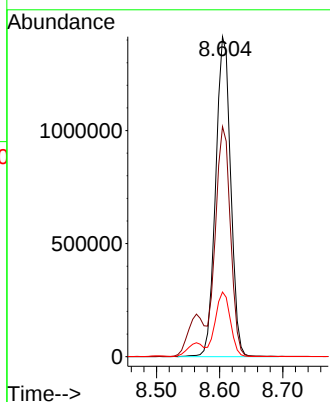
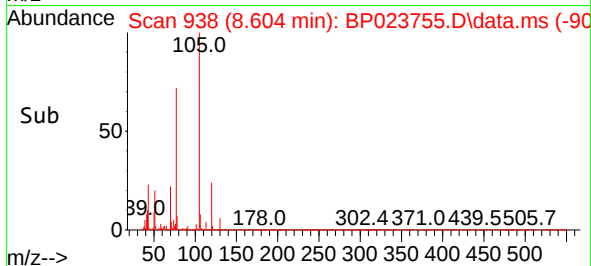
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion: 105 Resp: 2341140  
Ion Ratio Lower Upper  
105 100  
77 71.9 58.1 87.1  
51 20.2 16.4 24.6

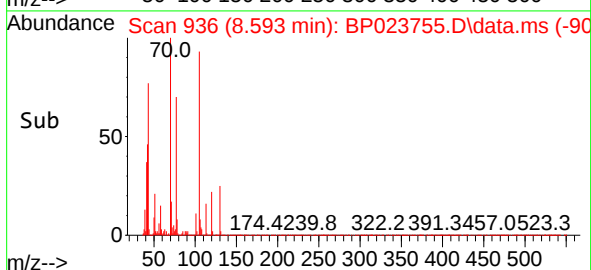
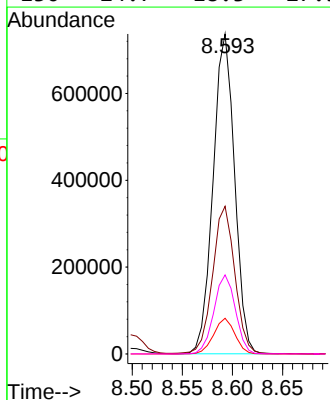
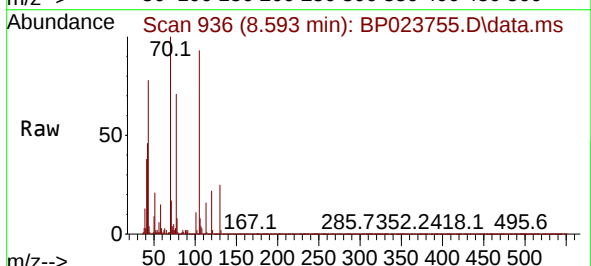
Manual Integrations  
APPROVED

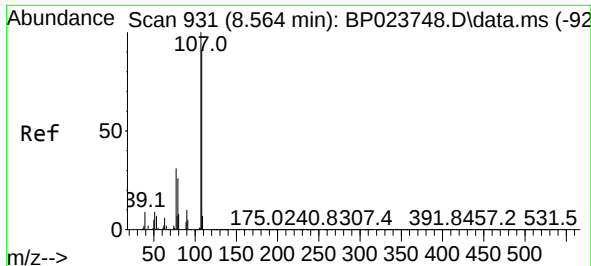
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#17  
N-Nitroso-di-n-propylamine  
Concen: 37.185 ng/ul  
RT: 8.593 min Scan# 936  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

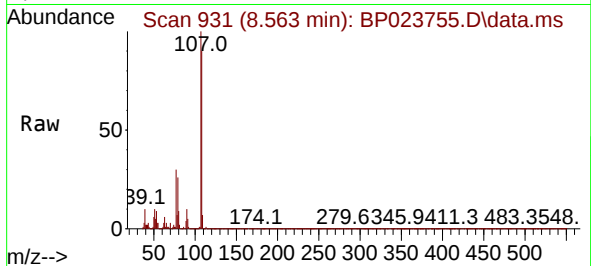
Tgt Ion: 70 Resp: 1095818  
Ion Ratio Lower Upper  
70 100  
42 46.2 37.7 56.5  
101 11.2 8.4 12.6  
130 24.7 18.3 27.5





#18  
4-Methylphenol  
Concen: 23.700 ng/ul  
RT: 8.563 min Scan# 911  
Delta R.T. 0.023 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

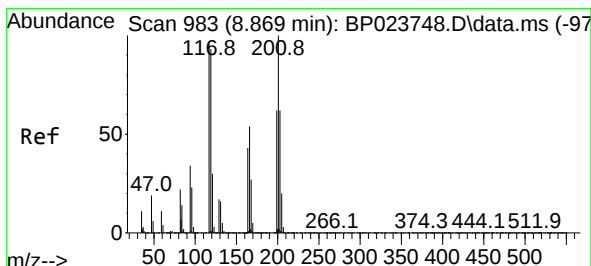
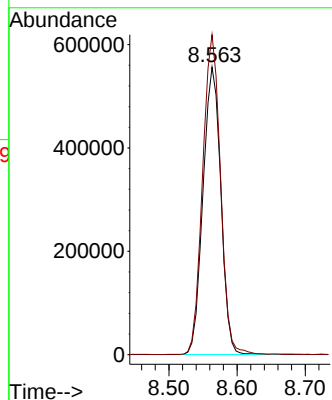
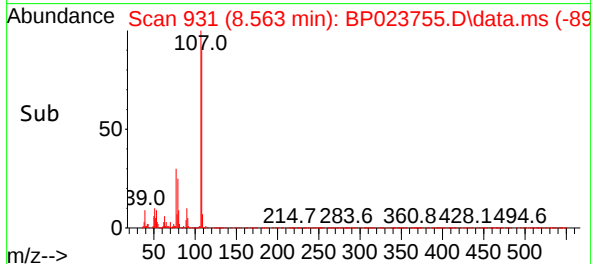
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



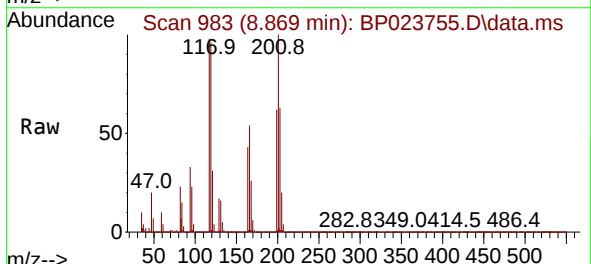
Tgt Ion:108 Resp: 100924  
Ion Ratio Lower Upper  
108 100  
107 111.3 91.2 136.8

Manual Integrations  
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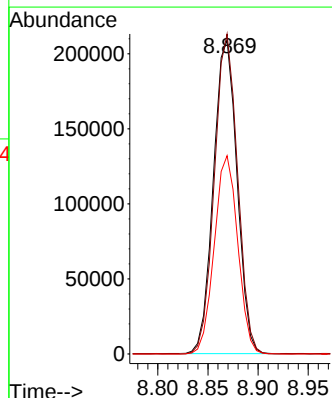
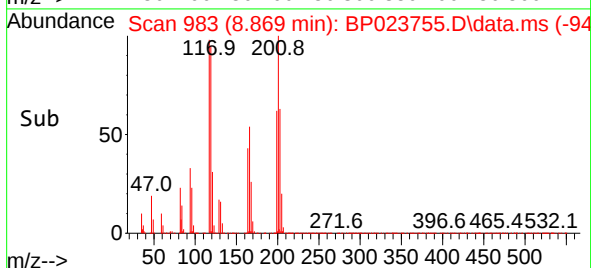
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

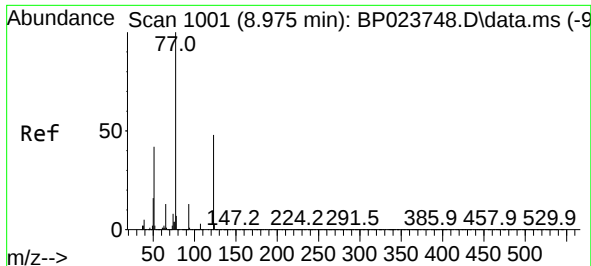


#19  
Hexachloroethane  
Concen: 20.543 ng/ul  
RT: 8.869 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



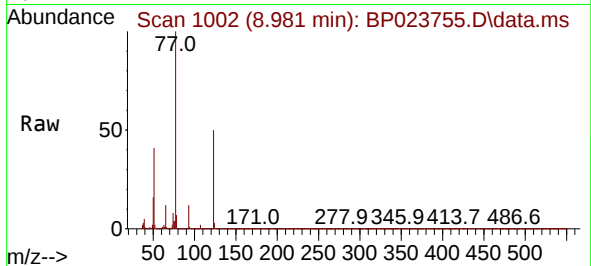
Tgt Ion:117 Resp: 341283  
Ion Ratio Lower Upper  
117 100  
201 102.0 76.6 114.8  
199 63.2 48.7 73.1





#22  
Nitrobenzene  
Concen: 35.477 ng/ul  
RT: 8.981 min Scan# 1002  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

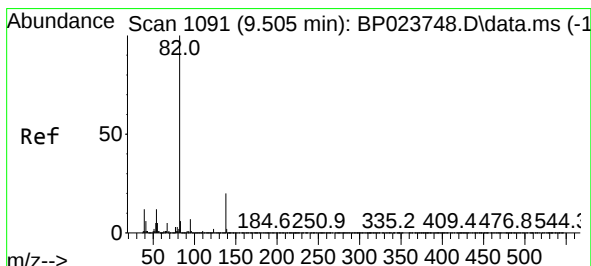
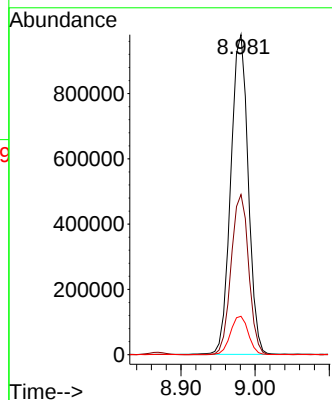
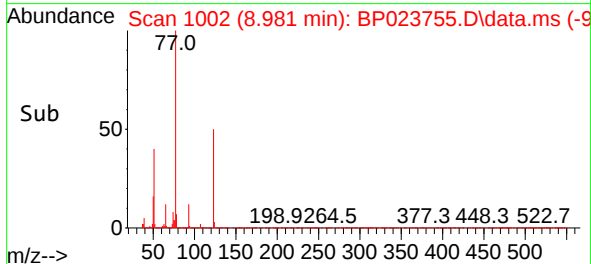
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



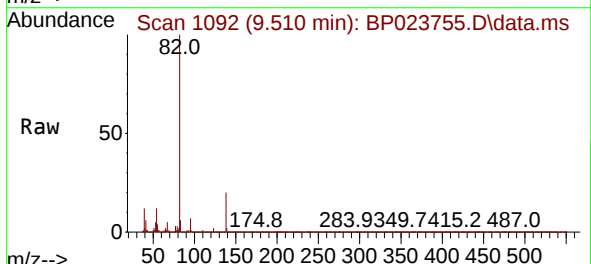
Tgt Ion: 77 Resp: 1599079  
Ion Ratio Lower Upper  
77 100  
123 50.1 38.0 57.0  
65 12.0 9.8 14.6

Manual Integrations  
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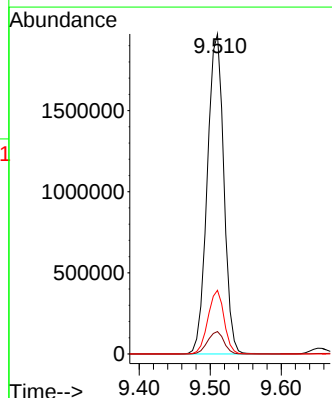
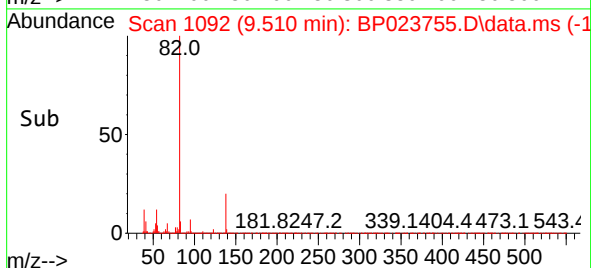
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

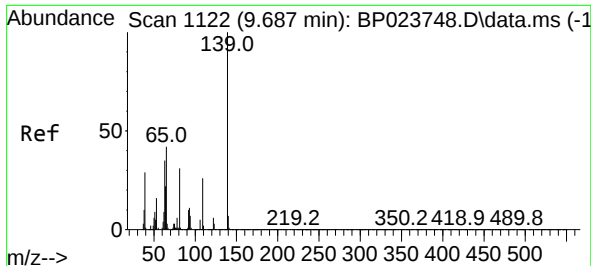


#23  
Isophorone  
Concen: 37.167 ng/ul  
RT: 9.510 min Scan# 1092  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



Tgt Ion: 82 Resp: 3186395  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.2 7.8  
138 19.9 14.9 22.3





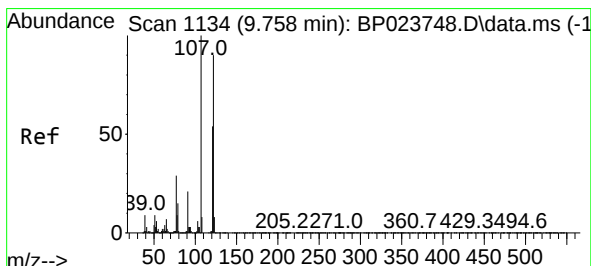
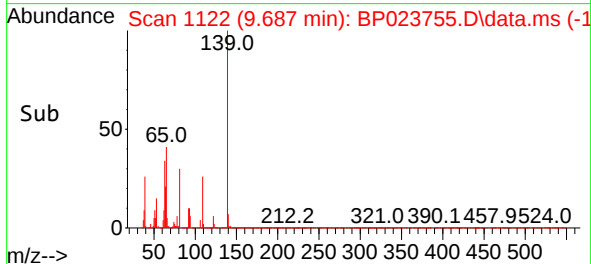
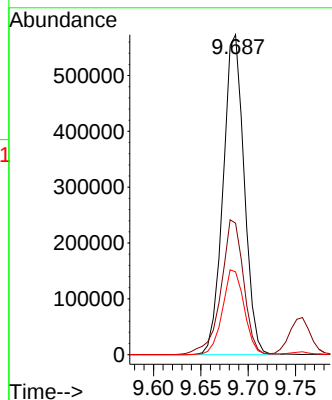
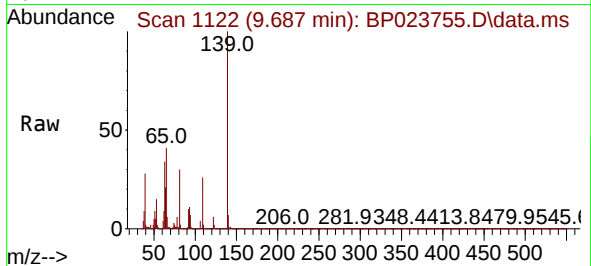
#25  
2-Nitrophenol  
Concen: 42.671 ng/ul  
RT: 9.687 min Scan# 1122  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS

Tgt Ion:139 Resp: 886084  
Ion Ratio Lower Upper  
139 100  
65 41.1 37.4 56.2  
109 25.9 22.8 34.2

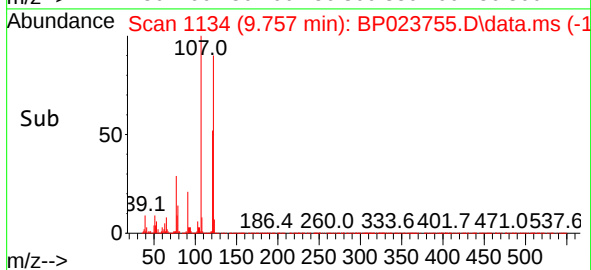
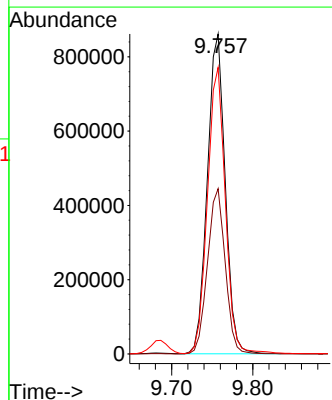
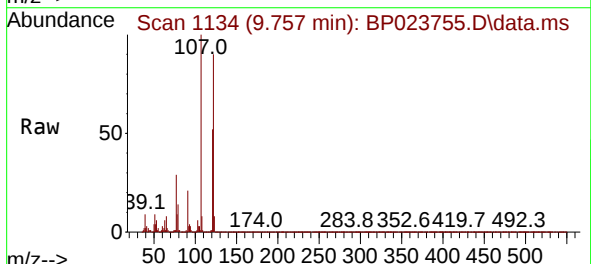
Manual Integrations  
APPROVED

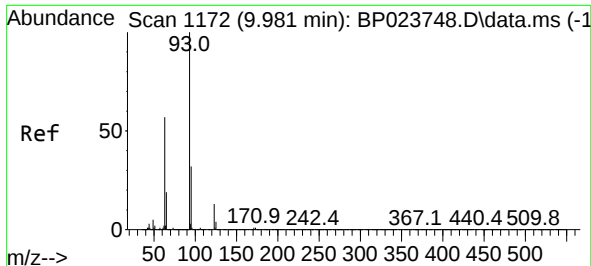
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#26  
2,4-Dimethylphenol  
Concen: 30.477 ng/ul  
RT: 9.757 min Scan# 1134  
Delta R.T. 0.018 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:107 Resp: 1311660  
Ion Ratio Lower Upper  
107 100  
121 51.6 42.0 63.0  
122 89.6 70.2 105.4





#27

Bis(2-Chloroethoxy)methane

Concen: 35.321 ng/ul

RT: 9.981 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion: 93 Resp: 1962154

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

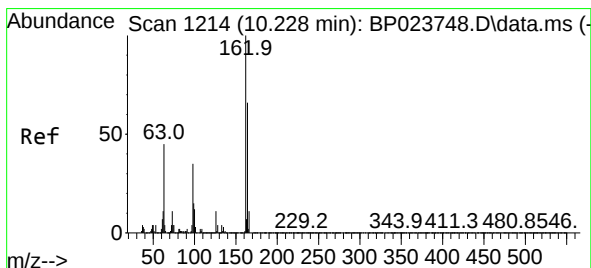
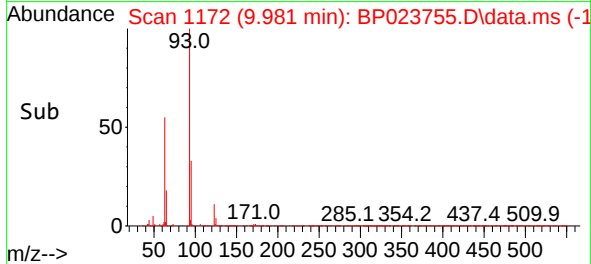
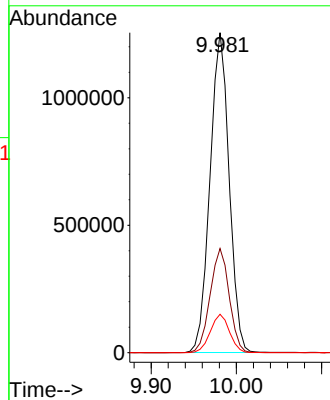
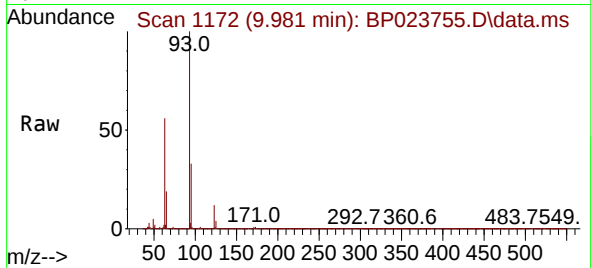
123 12.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#29

2,4-Dichlorophenol

Concen: 38.657 ng/ul

RT: 10.228 min Scan# 1214

Delta R.T. 0.018 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

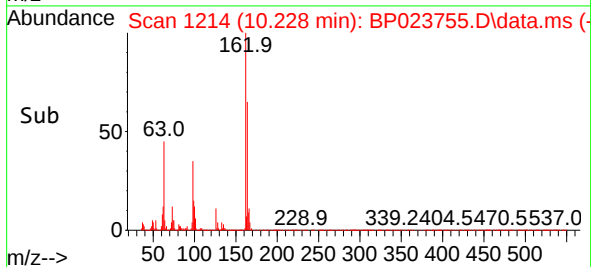
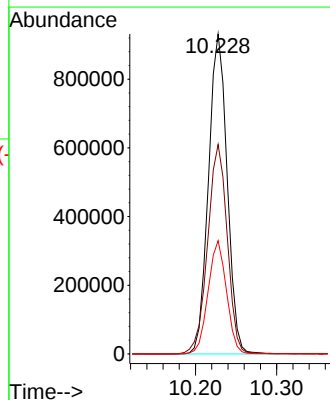
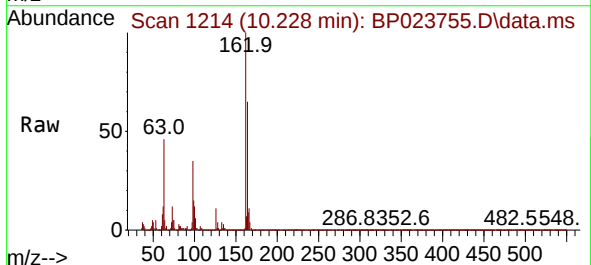
Tgt Ion:162 Resp: 1485771

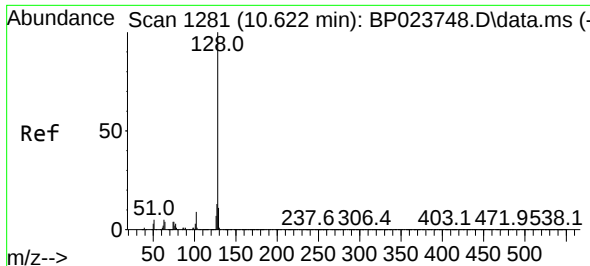
Ion Ratio Lower Upper

162 100

164 65.5 52.3 78.5

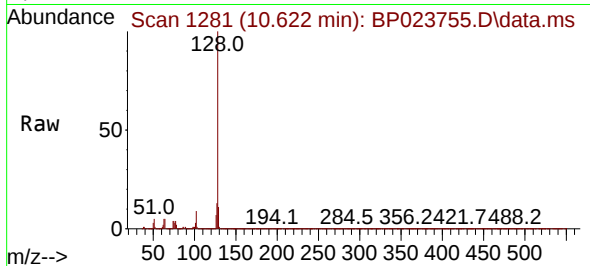
98 35.4 28.3 42.5





#30  
Naphthalene  
Concen: 31.350 ng/ul  
RT: 10.622 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

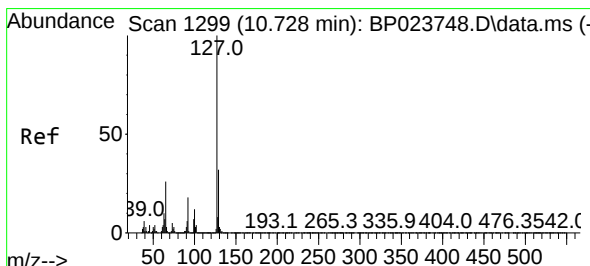
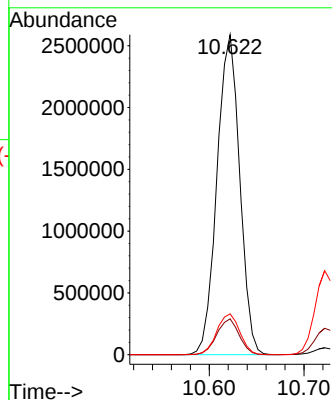
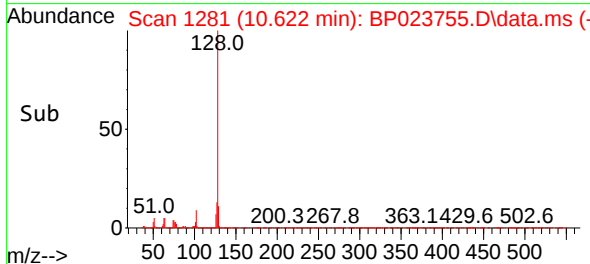
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



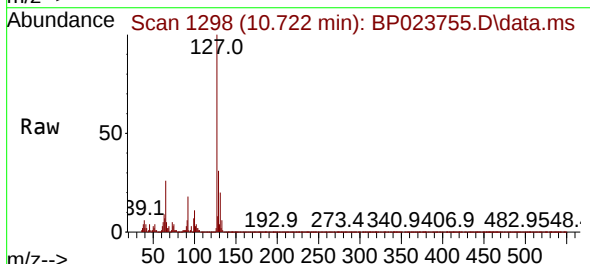
Tgt Ion:128 Resp: 4320004  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 12.8  
127 12.8 10.2 15.4

Manual Integrations  
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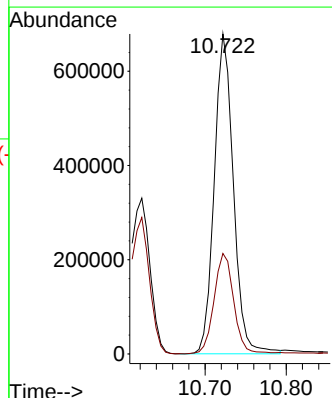
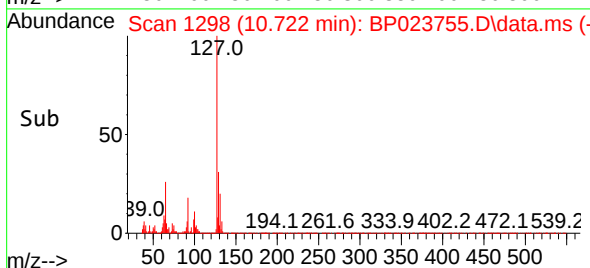
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

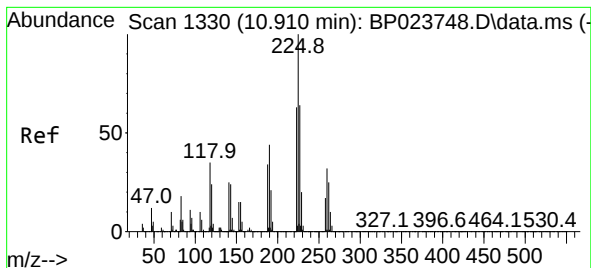


#32  
4-Chloroaniline  
Concen: 19.563 ng/ul  
RT: 10.722 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



Tgt Ion:127 Resp: 1110437  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.2 39.4





#33

Hexachlorobutadiene

Concen: 25.486 ng/ul

RT: 10.916 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:225 Resp: 61659

Ion Ratio Lower Upper

225 100

223 62.4 50.9 76.3

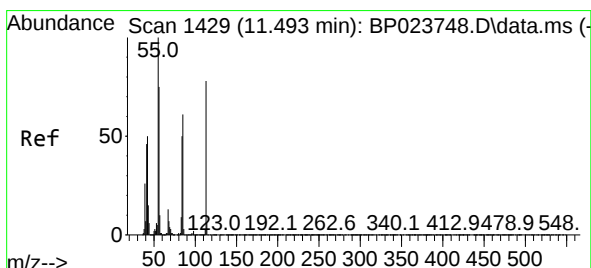
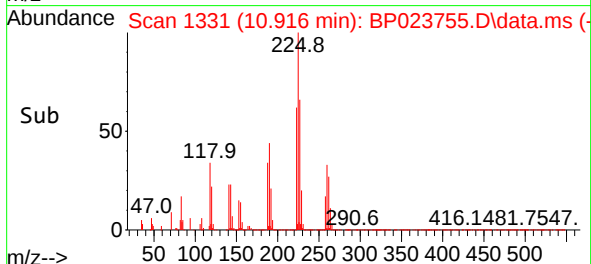
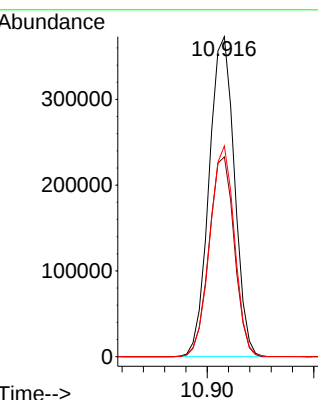
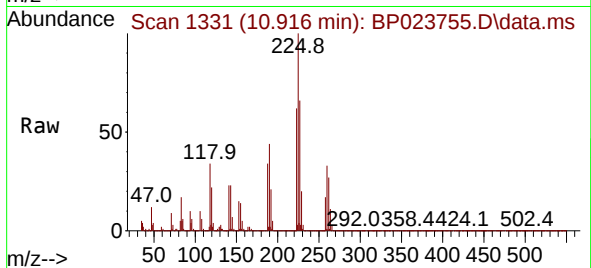
227 65.9 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#34

Caprolactam

Concen: 5.294 ng/ul m

RT: 11.510 min Scan# 1432

Delta R.T. 0.035 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

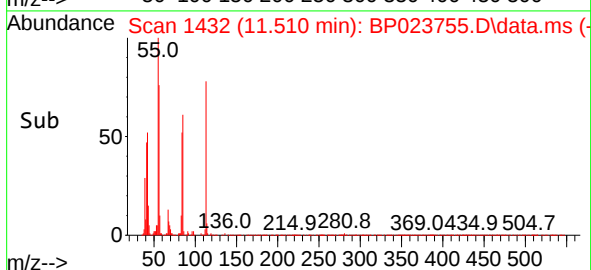
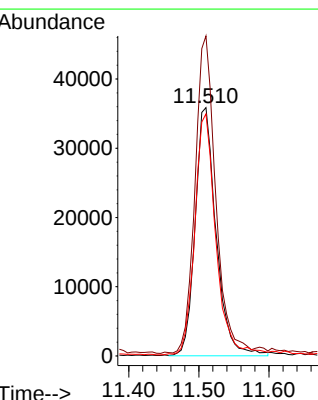
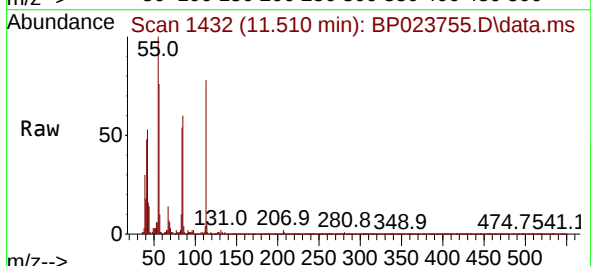
Tgt Ion:113 Resp: 74634

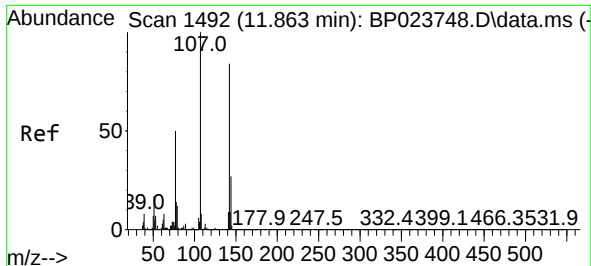
Ion Ratio Lower Upper

113 100

55 128.8 105.8 158.6

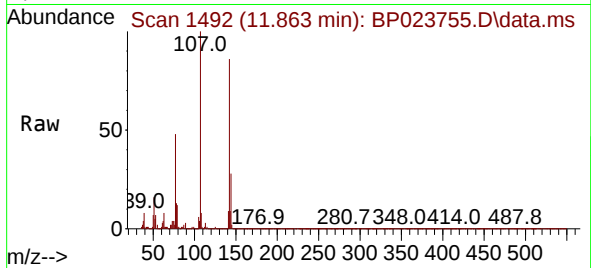
56 97.5 79.3 118.9





#35  
4-Chloro-3-methylphenol  
Concen: 39.362 ng/ul  
RT: 11.863 min Scan# 1492  
Delta R.T. 0.023 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

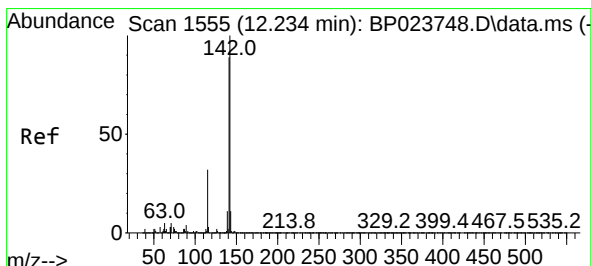
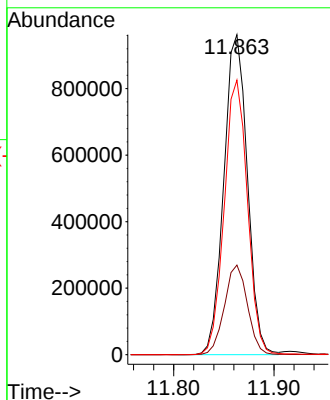
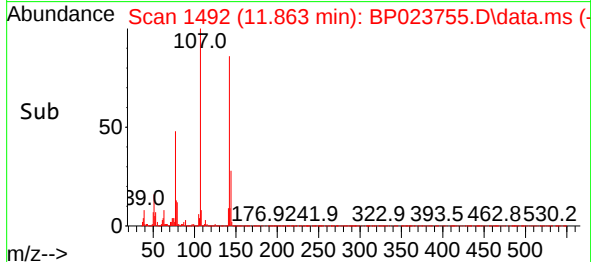
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:107 Resp: 1567184  
Ion Ratio Lower Upper  
107 100  
144 28.0 21.3 31.9  
142 85.8 65.5 98.3

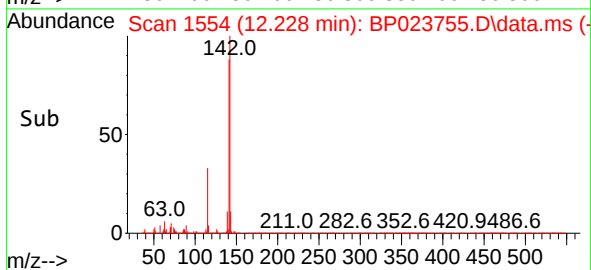
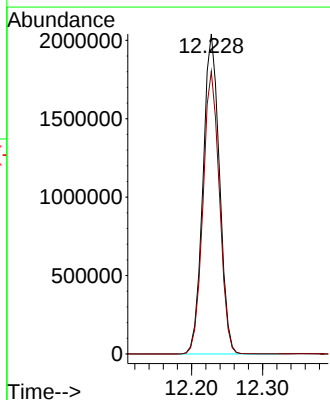
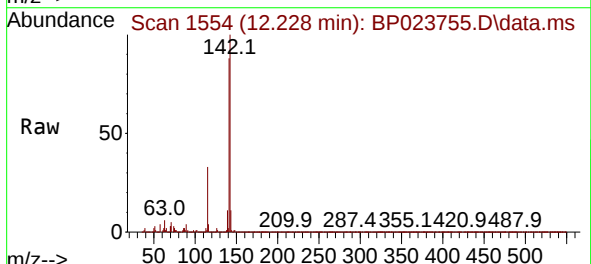
Manual Integrations  
APPROVED

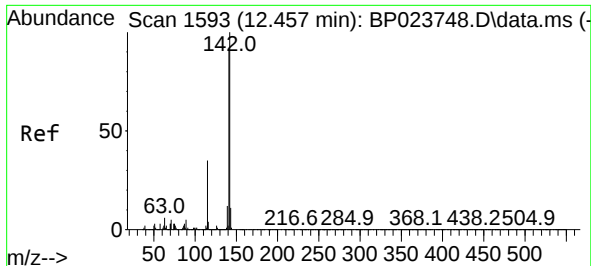
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#36  
2-Methylnaphthalene  
Concen: 35.325 ng/ul  
RT: 12.228 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

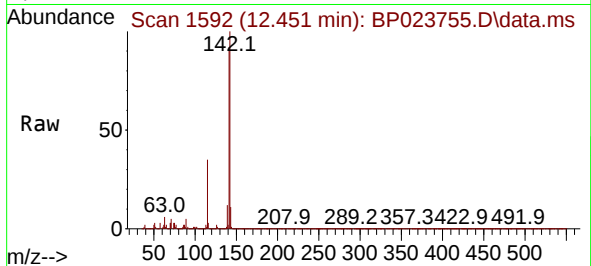
Tgt Ion:142 Resp: 3287111  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.5 105.7





#37  
1-Methylnaphthalene  
Concen: 35.881 ng/ul  
RT: 12.451 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

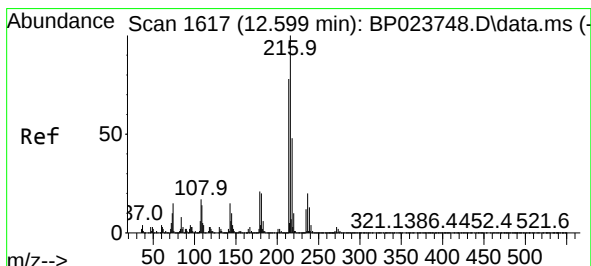
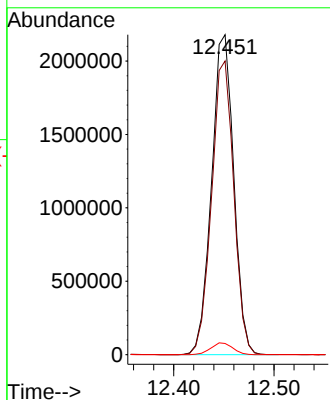
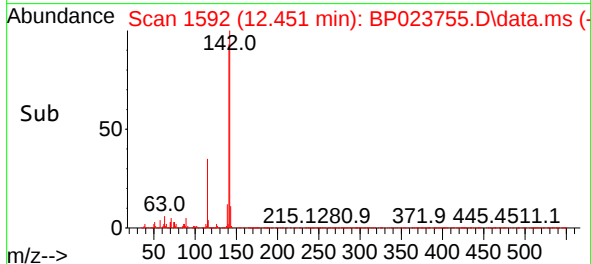
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:142 Resp: 333765  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.1 108.1  
116 3.5 2.9 4.3

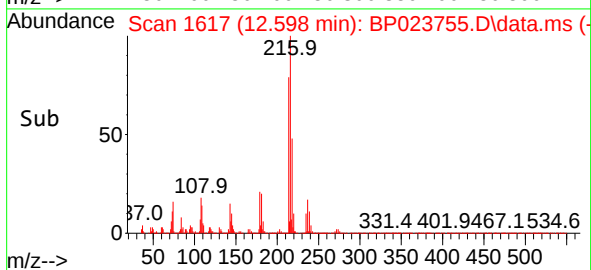
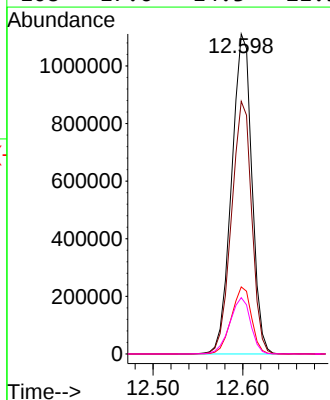
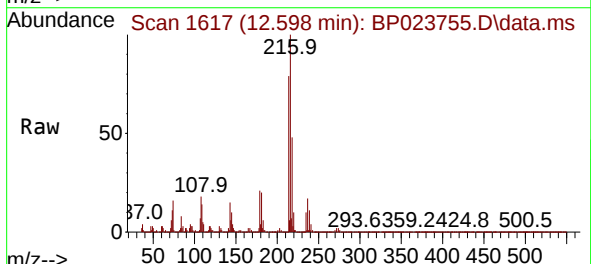
Manual Integrations  
APPROVED

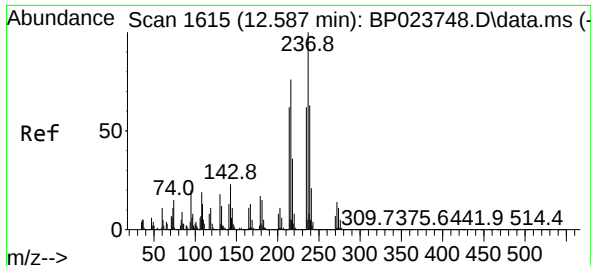
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.548 ng/ul  
RT: 12.598 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

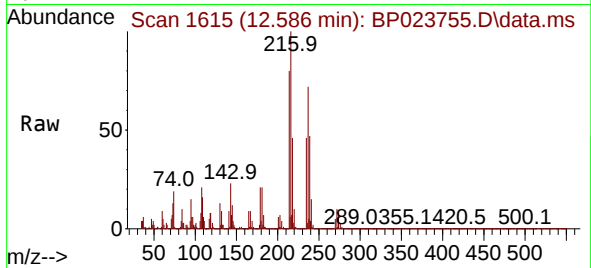
Tgt Ion:216 Resp: 1742035  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.2 94.8  
179 21.0 16.9 25.3  
108 17.6 14.3 21.5





#40  
Hexachlorocyclopentadiene  
Concen: 24.143 ng/ul  
RT: 12.586 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

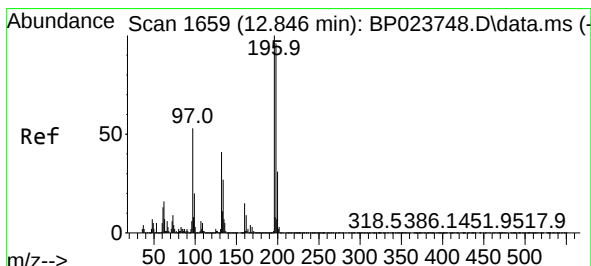
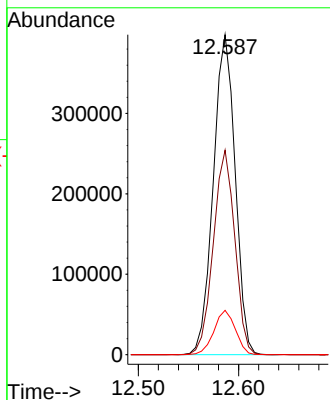
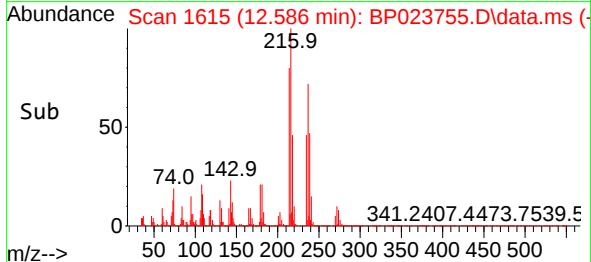
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



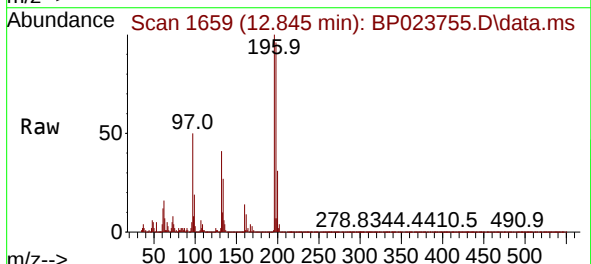
Tgt Ion:237 Resp: 602830  
Ion Ratio Lower Upper  
237 100  
235 63.9 50.4 75.6  
272 13.8 10.9 16.3

Manual Integrations  
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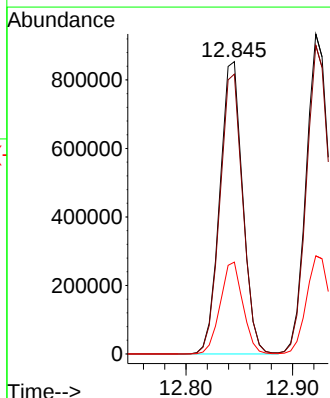
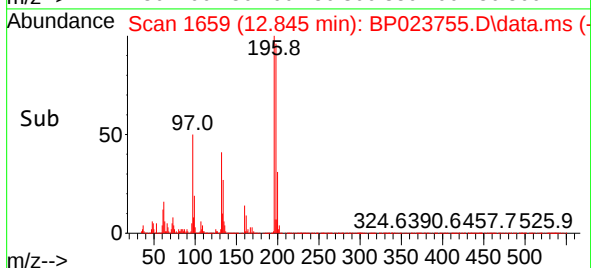
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

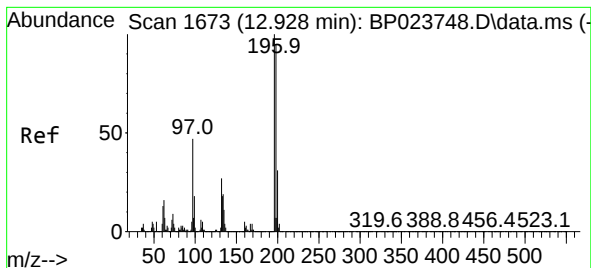


#41  
2,4,6-Trichlorophenol  
Concen: 44.290 ng/ul  
RT: 12.845 min Scan# 1659  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



Tgt Ion:196 Resp: 1276081  
Ion Ratio Lower Upper  
196 100  
198 95.8 77.6 116.4  
200 31.4 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 44.252 ng/ul

RT: 12.922 min Scan# 1673

Delta R.T. 0.023 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:196 Resp: 1408249

Ion Ratio Lower Upper

196 100

198 96.4 77.4 116.2

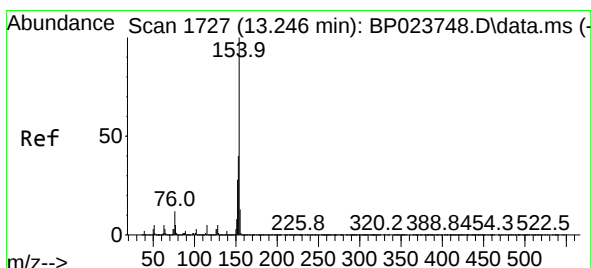
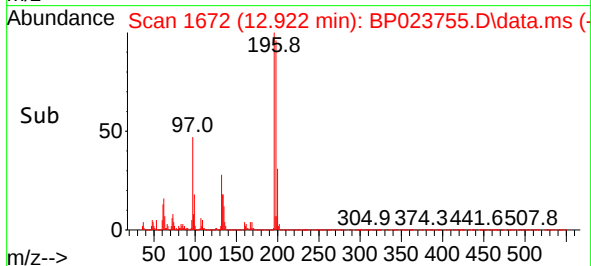
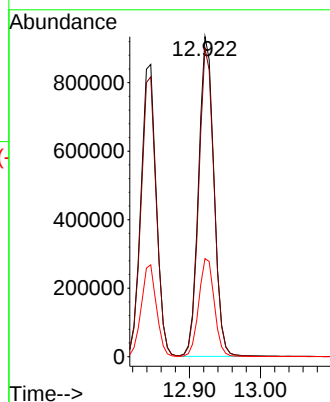
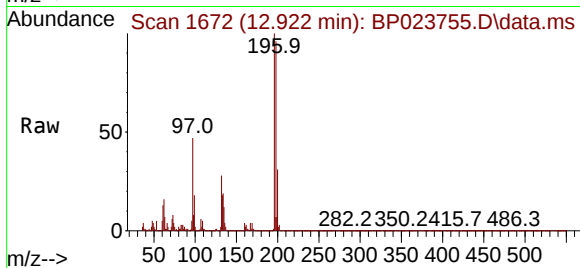
200 30.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#43

1,1'-Biphenyl

Concen: 36.109 ng/ul

RT: 13.245 min Scan# 1727

Delta R.T. 0.006 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

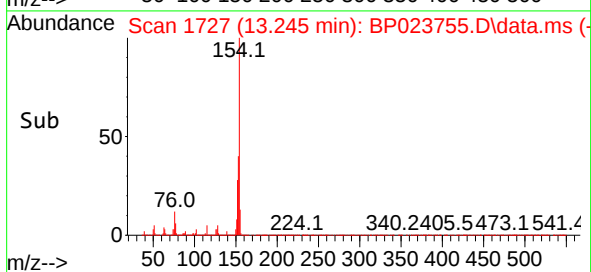
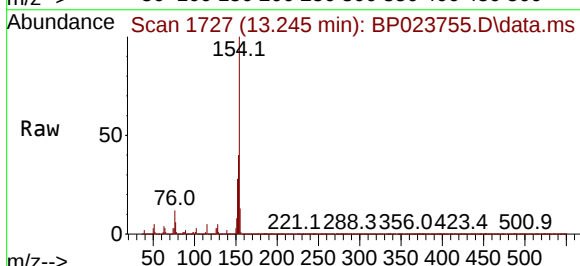
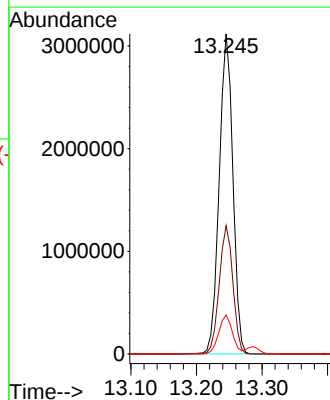
Tgt Ion:154 Resp: 4482545

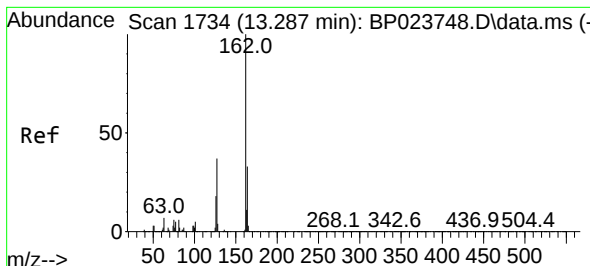
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.2

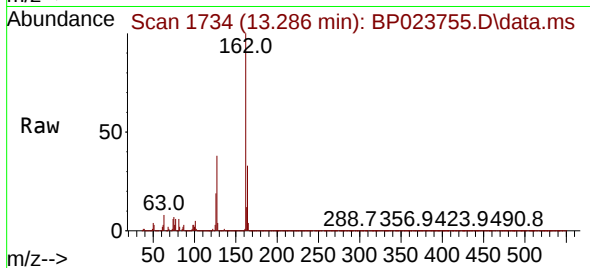
76 12.2 10.2 15.2





#44  
2-Chloronaphthalene  
Concen: 35.864 ng/ul  
RT: 13.286 min Scan# 1734  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

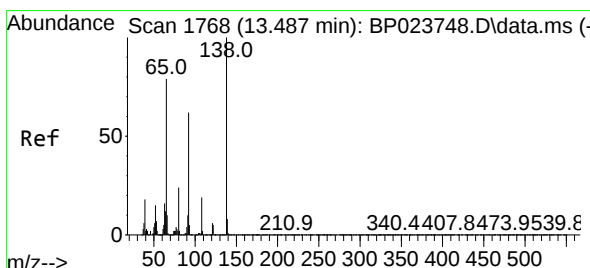
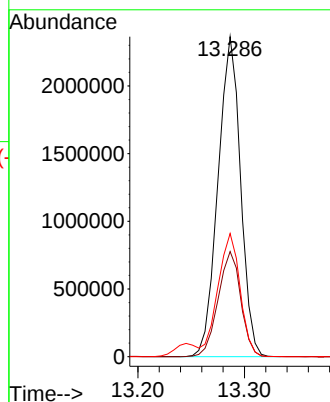
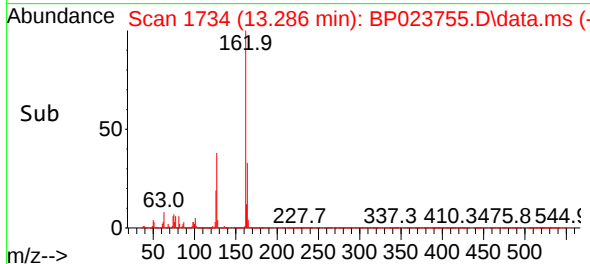
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



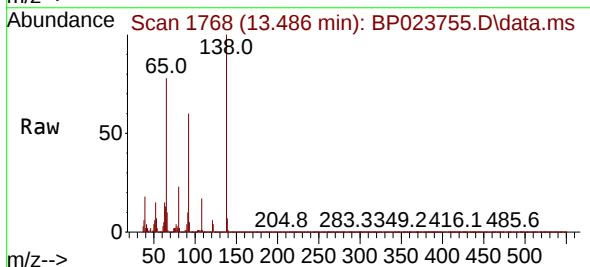
Tgt Ion:162 Resp: 3466259  
Ion Ratio Lower Upper  
162 100  
164 32.9 26.2 39.2  
127 38.5 30.5 45.7

Manual Integrations  
APPROVED

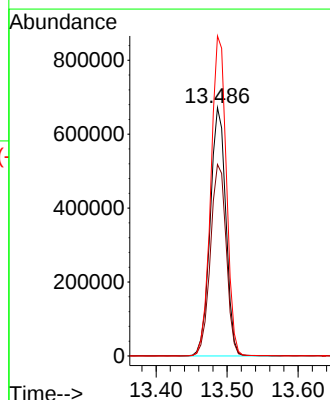
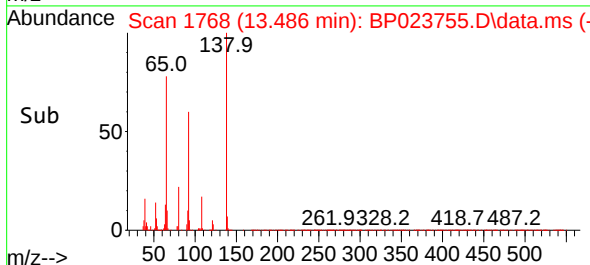
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

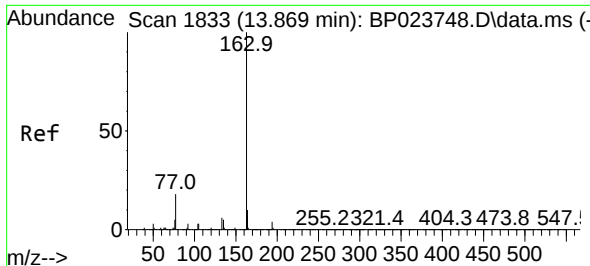


#45  
2-Nitroaniline  
Concen: 44.756 ng/ul  
RT: 13.486 min Scan# 1768  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



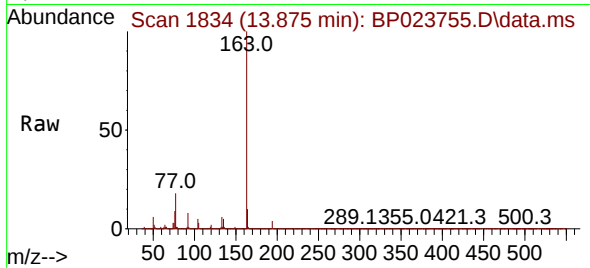
Tgt Ion: 65 Resp: 1027294  
Ion Ratio Lower Upper  
65 100  
92 77.1 61.0 91.4  
138 128.8 94.2 141.2





#47  
Dimethylphthalate  
Concen: 39.852 ng/ul  
RT: 13.875 min Scan# 1834  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

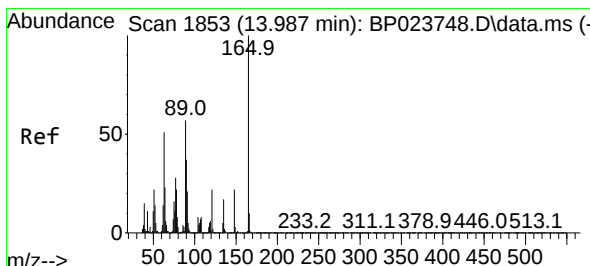
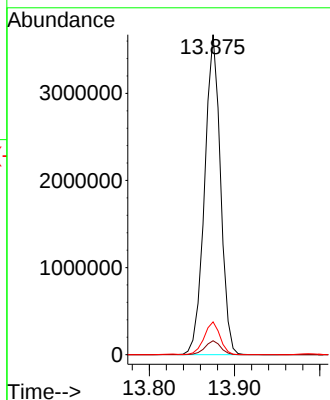
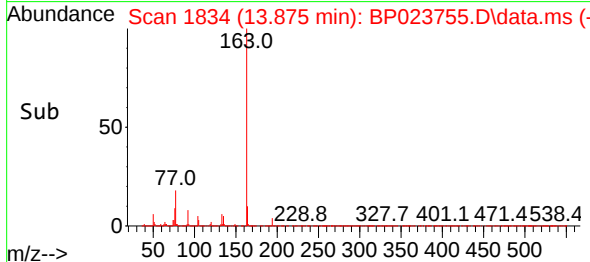
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



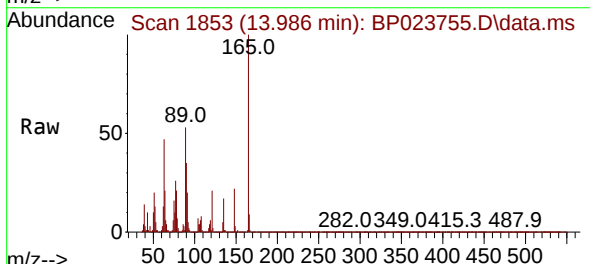
Tgt Ion:163 Resp: 4747054  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.3 4.9  
164 10.3 8.2 12.2

Manual Integrations  
APPROVED

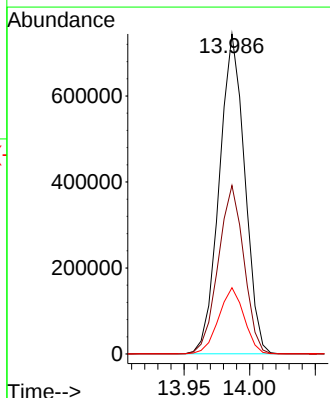
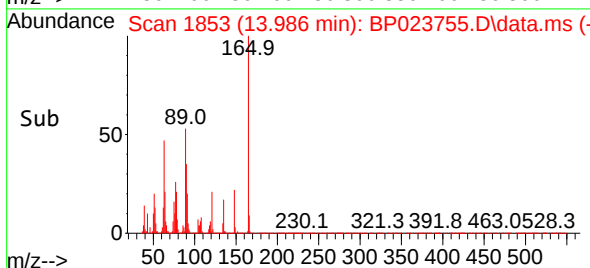
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

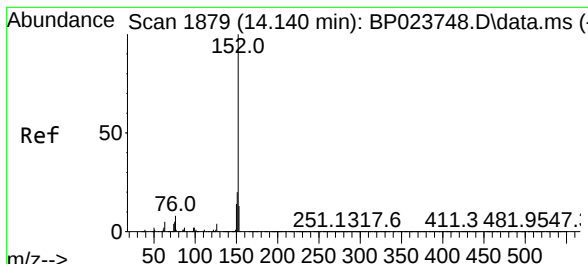


#48  
2,6-Dinitrotoluene  
Concen: 47.157 ng/ul  
RT: 13.986 min Scan# 1853  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



Tgt Ion:165 Resp: 1001918  
Ion Ratio Lower Upper  
165 100  
89 52.7 44.8 67.2  
121 20.7 17.0 25.4





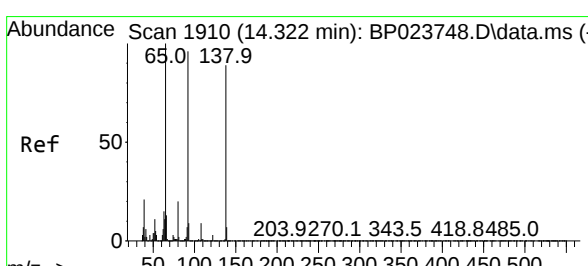
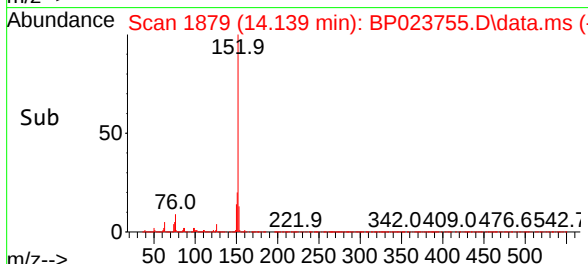
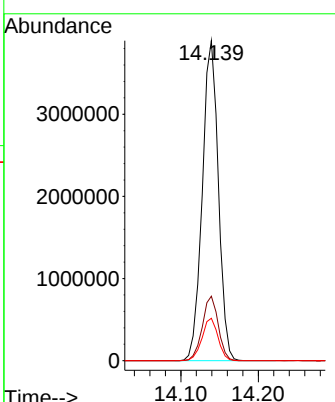
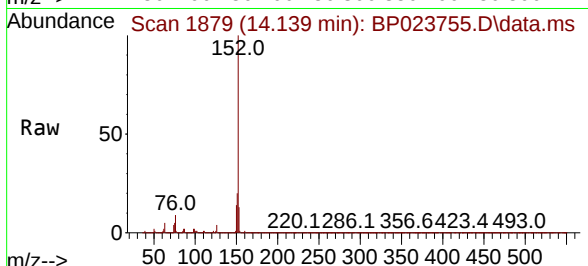
#50  
 Acenaphthylene  
 Concen: 37.560 ng/ul  
 RT: 14.139 min Scan# 1879  
 Delta R.T. 0.006 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19

Instrument : BNA\_P  
 ClientSampleId : E2944MS

Tgt Ion:152 Resp: 559242

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.2  | 15.8  | 23.8  |
| 153 | 13.3  | 10.6  | 15.8  |

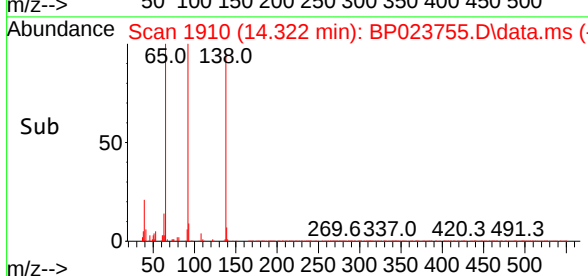
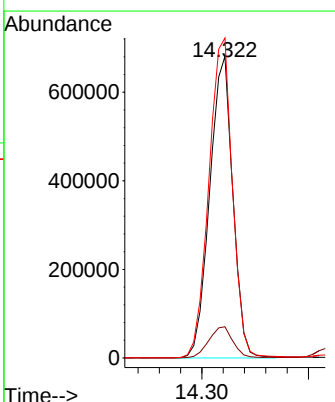
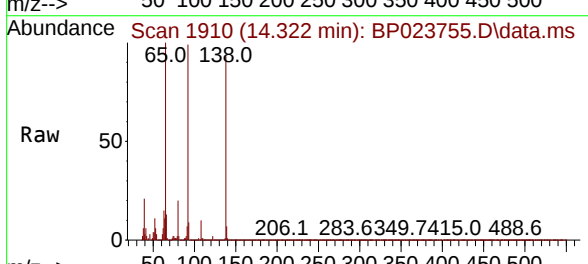
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025

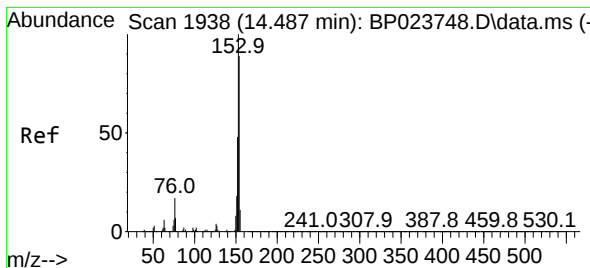


#51  
 3-Nitroaniline  
 Concen: 41.347 ng/ul  
 RT: 14.322 min Scan# 1910  
 Delta R.T. 0.018 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19

Tgt Ion:138 Resp: 1025196

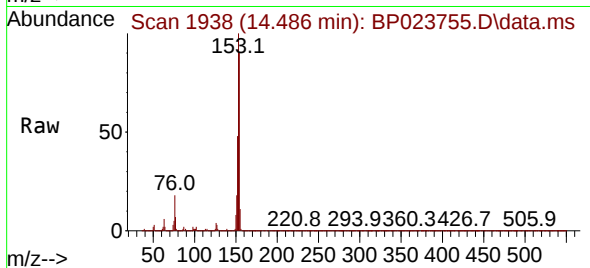
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.3  | 9.7   | 14.5  |
| 92  | 106.1 | 89.8  | 134.6 |





#52  
Acenaphthene  
Concen: 37.749 ng/ul  
RT: 14.486 min Scan# 1938  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

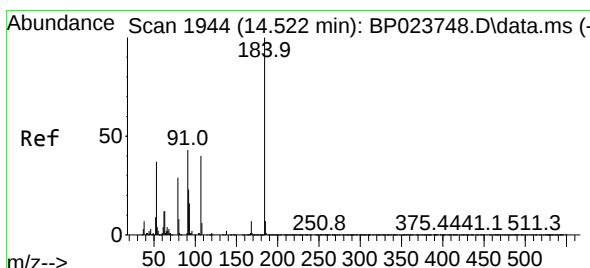
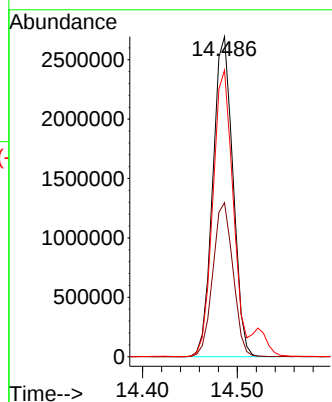
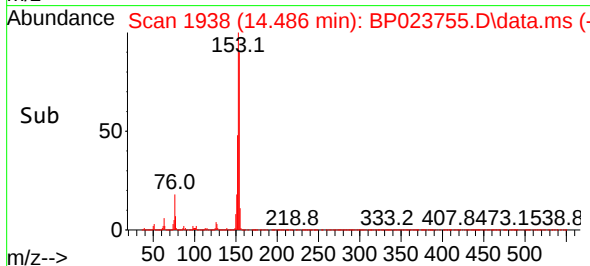
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



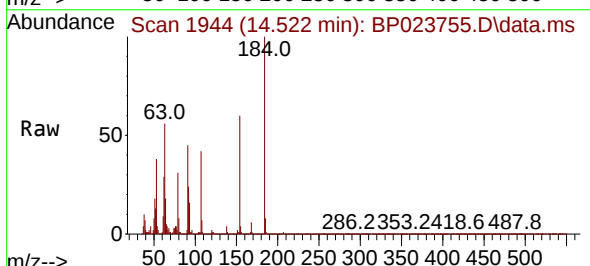
Tgt Ion:153 Resp: 397393  
Ion Ratio Lower Upper  
153 100  
152 48.1 39.1 58.7  
154 89.6 71.4 107.0

Manual Integrations  
APPROVED

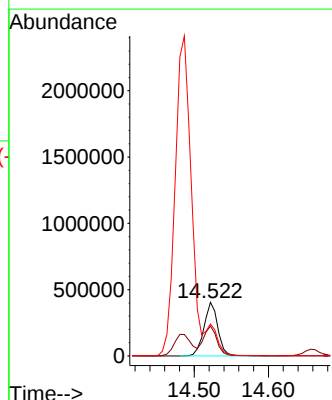
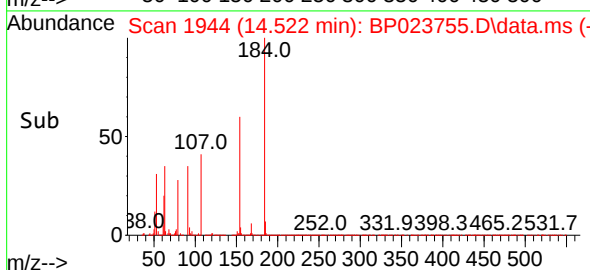
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

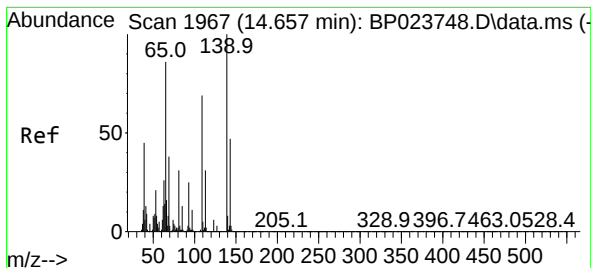


#53  
2,4-Dinitrophenol  
Concen: 50.867 ng/ul  
RT: 14.522 min Scan# 1944  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



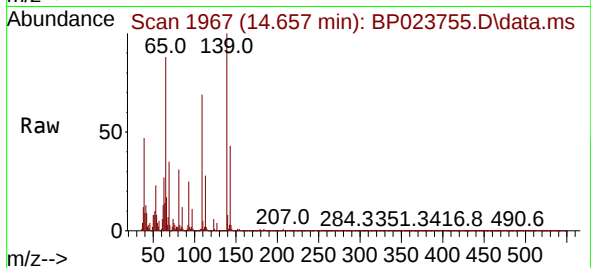
Tgt Ion:184 Resp: 530573  
Ion Ratio Lower Upper  
184 100  
63 55.9 47.8 71.8  
154 59.8 52.1 78.1





#55  
4-Nitrophenol  
Concen: 11.221 ng/ul  
RT: 14.657 min Scan# 1967  
Delta R.T. 0.047 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

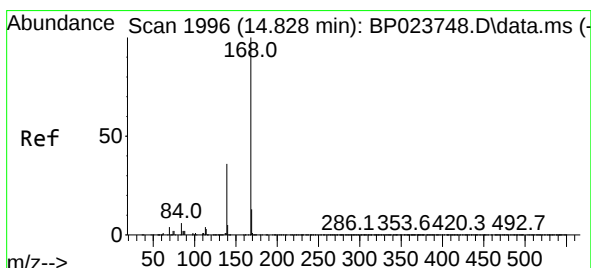
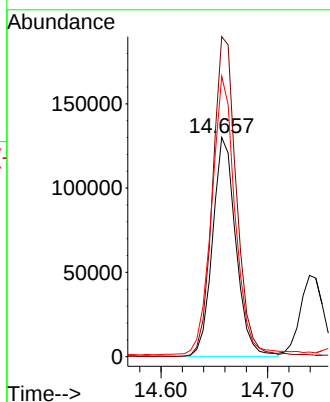
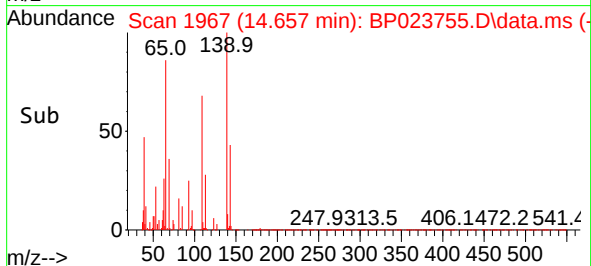
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:109 Resp: 19632  
Ion Ratio Lower Upper  
109 100  
139 145.9 114.3 171.5  
65 127.9 103.0 154.6

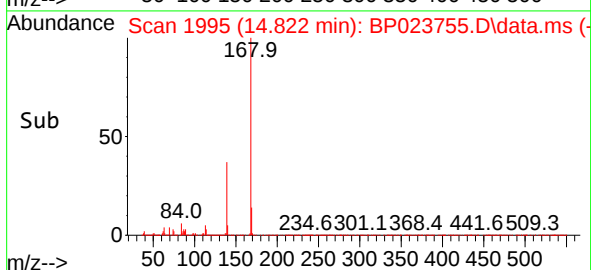
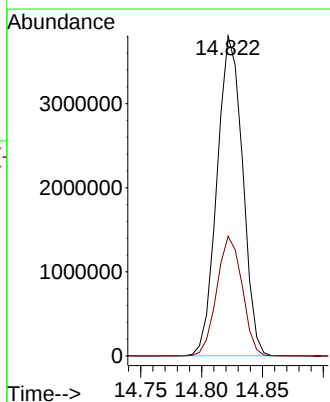
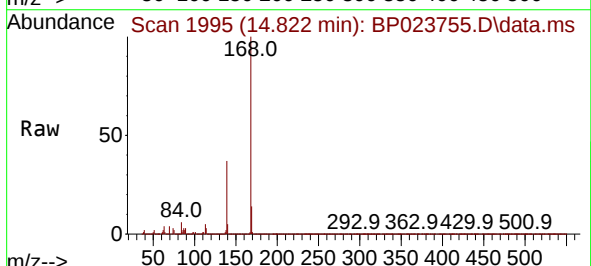
Manual Integrations  
APPROVED

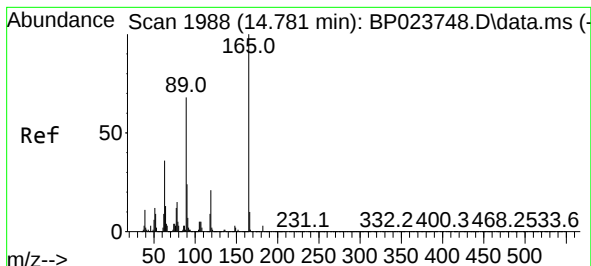
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#56  
Dibenzofuran  
Concen: 38.368 ng/ul  
RT: 14.822 min Scan# 1995  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

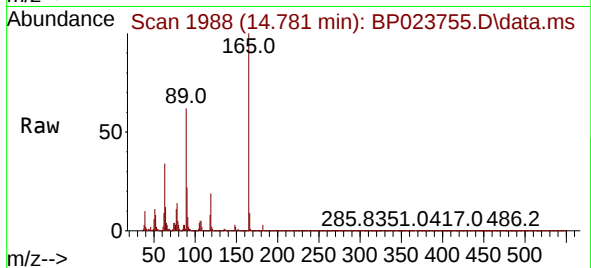
Tgt Ion:168 Resp: 5555556  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.3 43.9





#57  
2,4-Dinitrotoluene  
Concen: 47.782 ng/ul  
RT: 14.781 min Scan# 1988  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

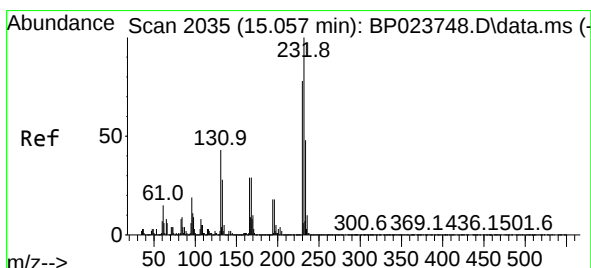
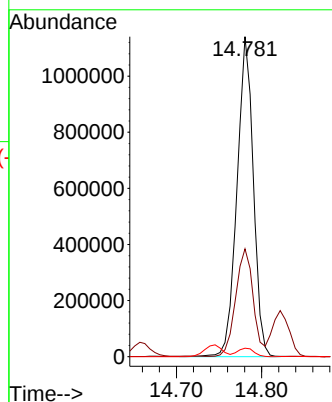
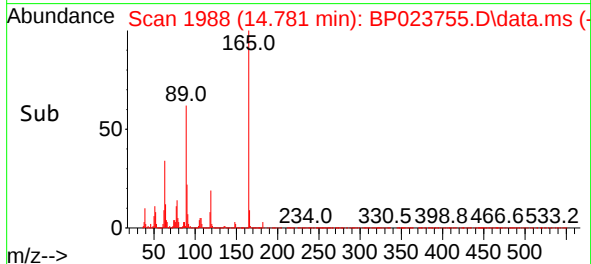
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:165 Resp: 151882  
Ion Ratio Lower Upper  
165 100  
63 33.7 31.0 46.6  
182 2.7 2.2 3.4

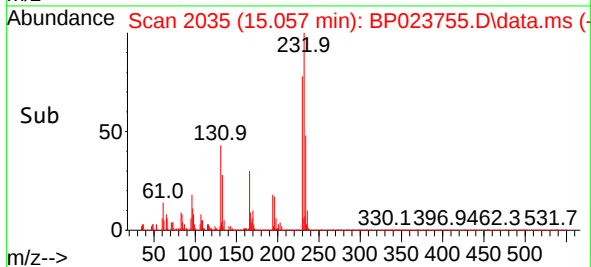
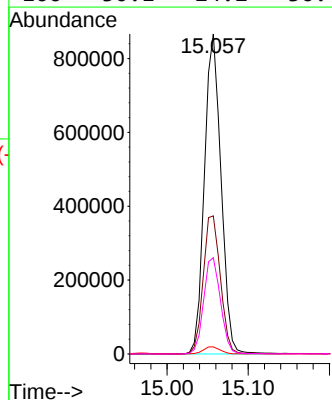
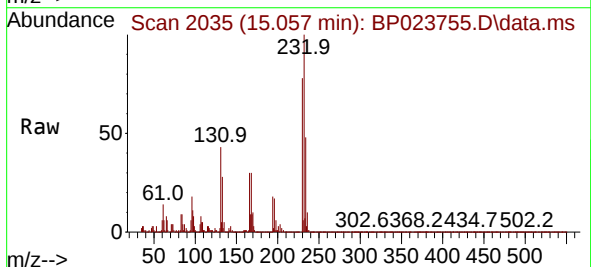
Manual Integrations  
APPROVED

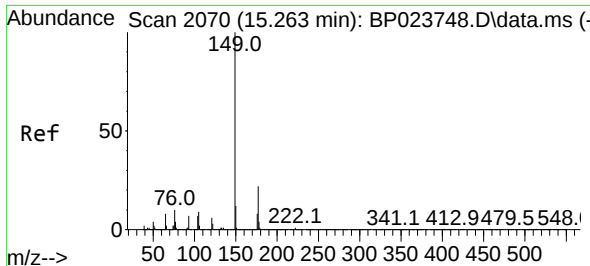
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 47.079 ng/ul  
RT: 15.057 min Scan# 2035  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:232 Resp: 1230440  
Ion Ratio Lower Upper  
232 100  
131 43.1 36.1 54.1  
130 2.2 1.8 2.8  
166 30.1 24.2 36.4





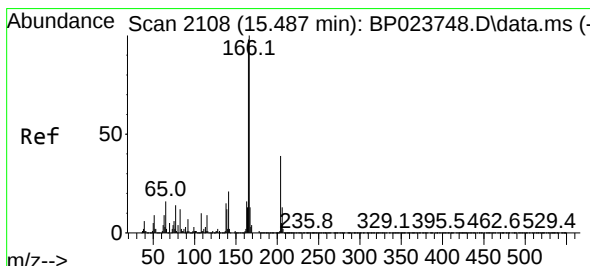
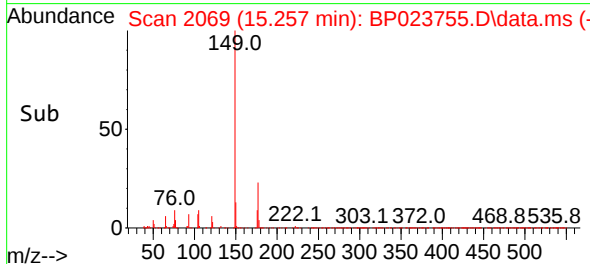
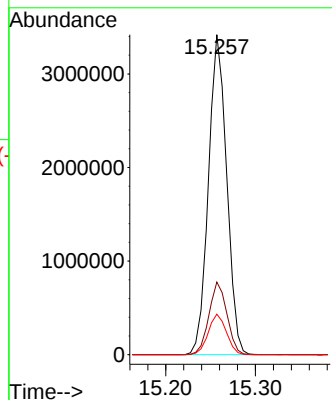
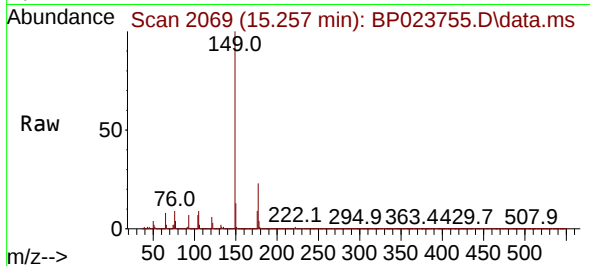
#59  
Diethylphthalate  
Concen: 41.218 ng/ul  
RT: 15.257 min Scan# 2070  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS

Tgt Ion:149 Resp: 482895  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.7 26.5  
150 12.6 9.8 14.6

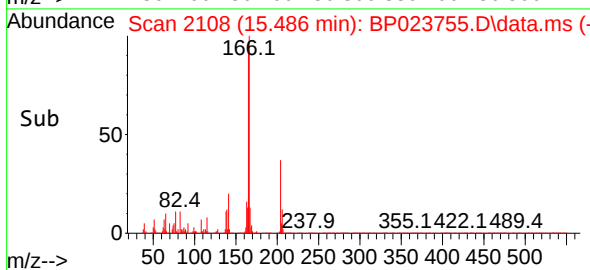
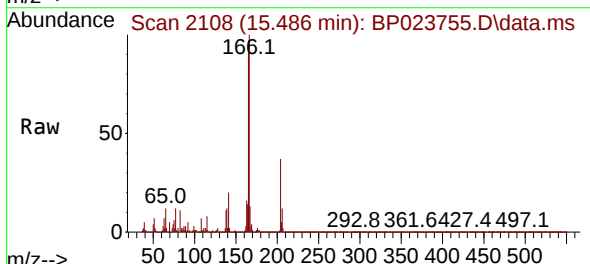
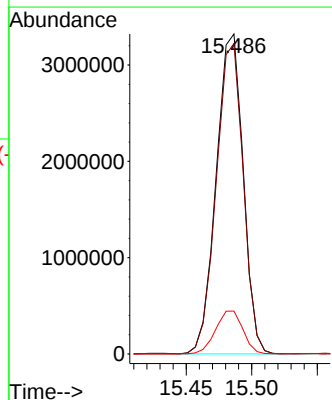
Manual Integrations  
APPROVED

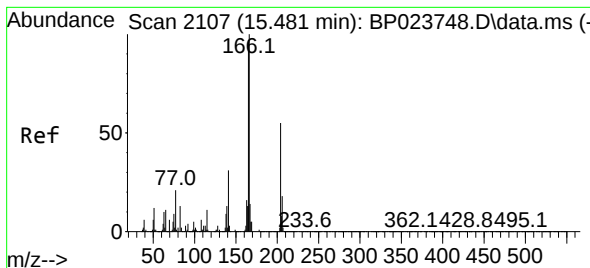
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#61  
Fluorene  
Concen: 39.429 ng/ul  
RT: 15.486 min Scan# 2108  
Delta R.T. 0.012 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

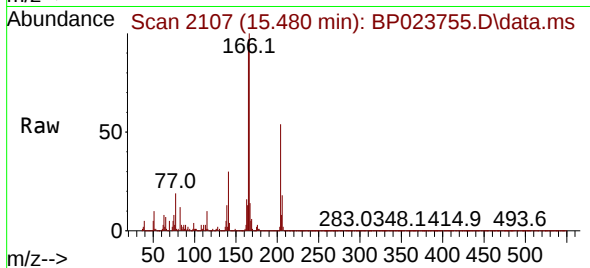
Tgt Ion:166 Resp: 4757616  
Ion Ratio Lower Upper  
166 100  
165 97.0 77.8 116.8  
167 13.4 10.6 16.0





#62  
4-Chlorophenyl-phenylether  
Concen: 39.069 ng/ul  
RT: 15.480 min Scan# 2107  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

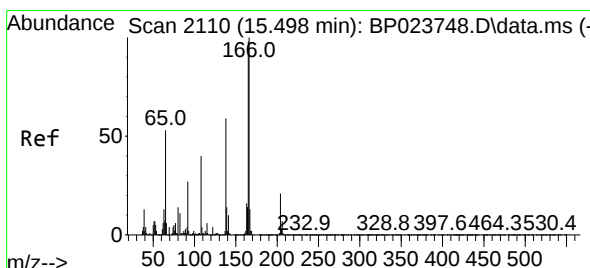
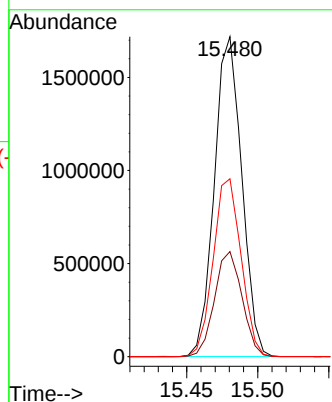
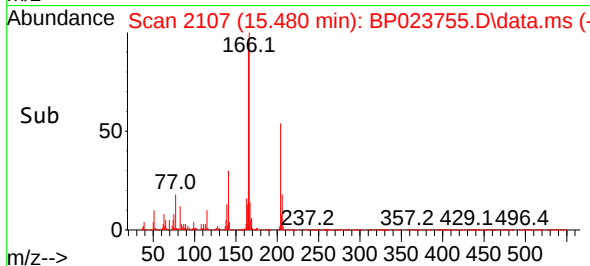
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:204 Resp: 230746  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.2  
141 55.6 45.4 68.2

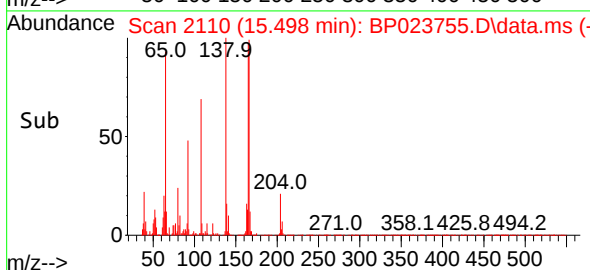
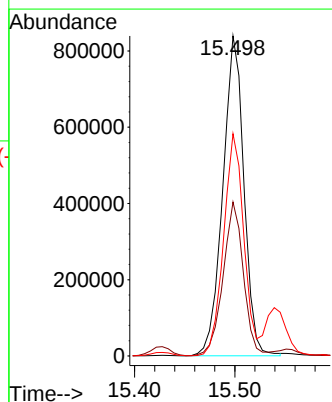
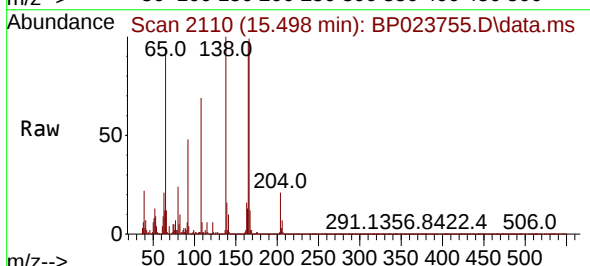
Manual Integrations  
APPROVED

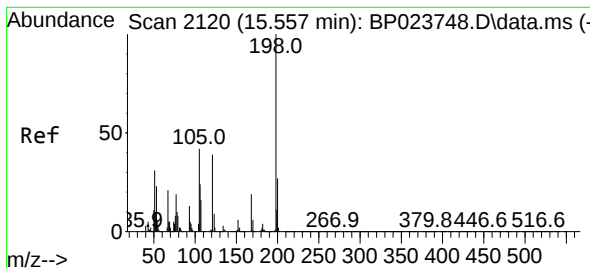
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#63  
4-Nitroaniline  
Concen: 48.525 ng/ul  
RT: 15.498 min Scan# 2110  
Delta R.T. 0.018 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:138 Resp: 1224143  
Ion Ratio Lower Upper  
138 100  
92 48.1 37.0 55.4  
108 69.4 54.4 81.6





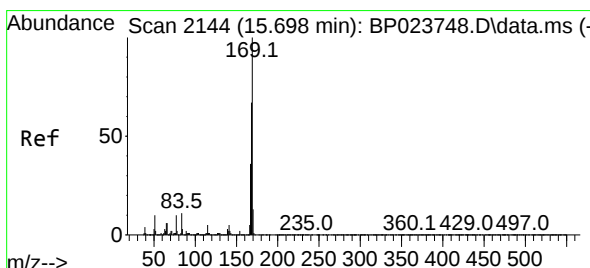
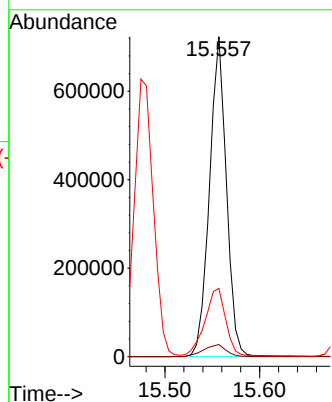
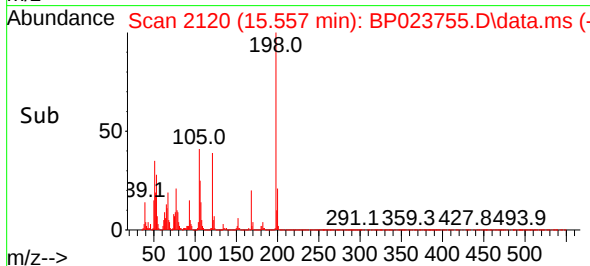
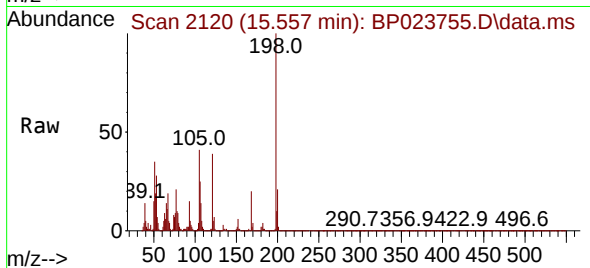
#66  
4,6-Dinitro-2-methylphenol  
Concen: 47.680 ng/ul  
RT: 15.557 min Scan# 2120  
Delta R.T. 0.018 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS

Tgt Ion:198 Resp: 895650  
Ion Ratio Lower Upper  
198 100  
182 3.8 3.9 5.9  
77 21.4 20.3 30.5

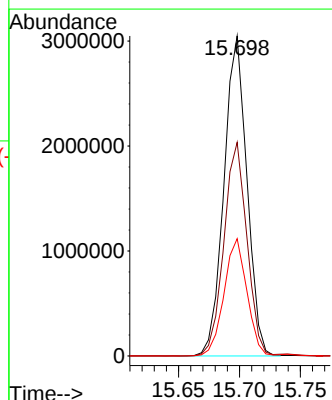
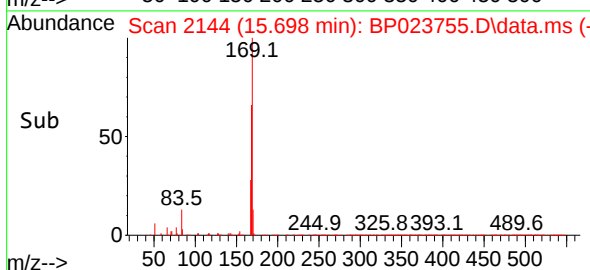
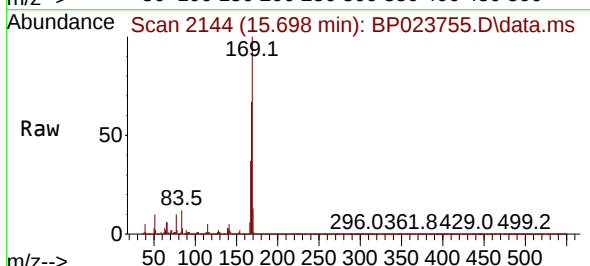
Manual Integrations  
APPROVED

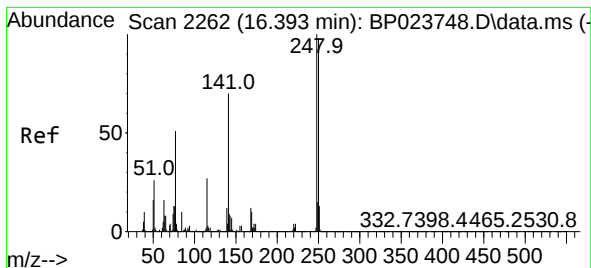
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#67  
N-Nitrosodiphenylamine  
Concen: 39.304 ng/ul  
RT: 15.698 min Scan# 2144  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

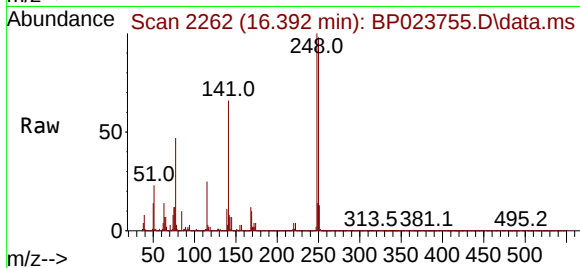
Tgt Ion:169 Resp: 4004001  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.6 80.4  
167 36.7 29.2 43.8





#68  
4-Bromophenyl-phenylether  
Concen: 41.554 ng/ul  
RT: 16.392 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

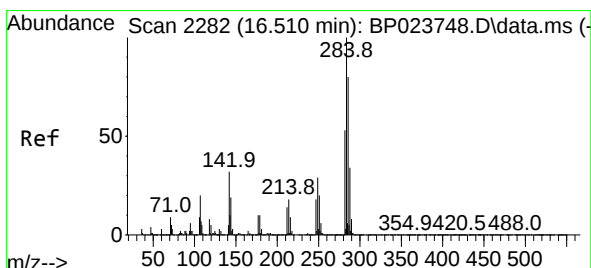
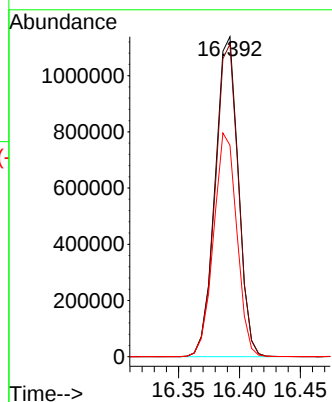
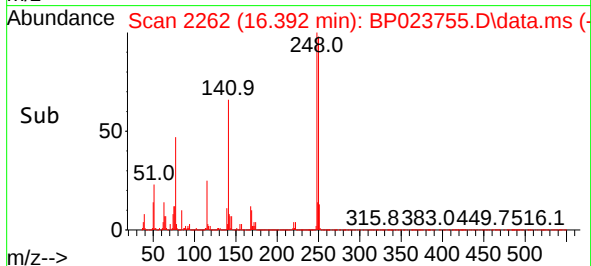
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:248 Resp: 150903  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.7 116.5  
141 66.1 55.0 82.6

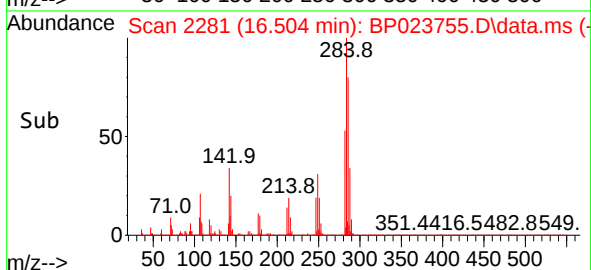
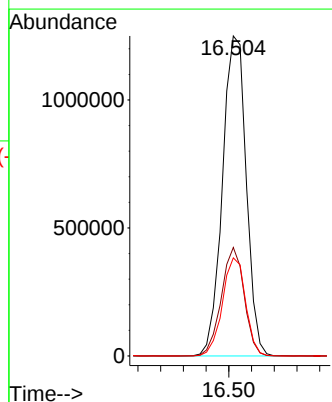
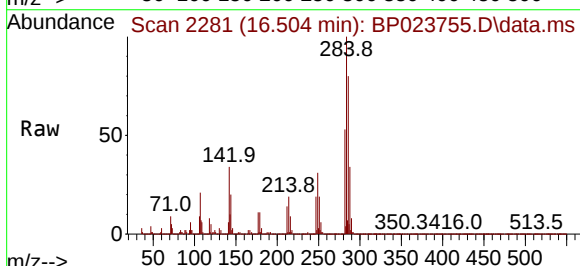
Manual Integrations  
APPROVED

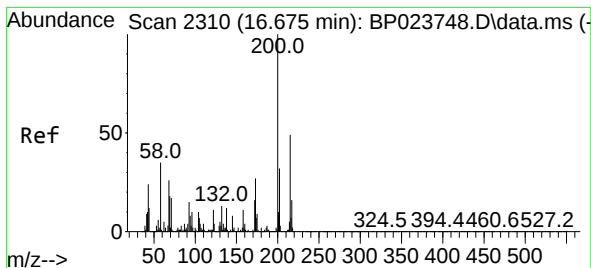
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#69  
Hexachlorobenzene  
Concen: 41.128 ng/ul  
RT: 16.504 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:284 Resp: 1817461  
Ion Ratio Lower Upper  
284 100  
142 33.9 28.1 42.1  
249 30.6 23.8 35.8





#70

Atrazine

Concen: 38.926 ng/ul

RT: 16.675 min Scan# 2310

Delta R.T. 0.012 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:200 Resp: 146268

Ion Ratio Lower Upper

200 100

173 26.9 21.8 32.6

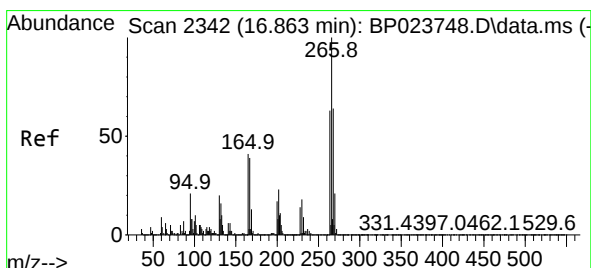
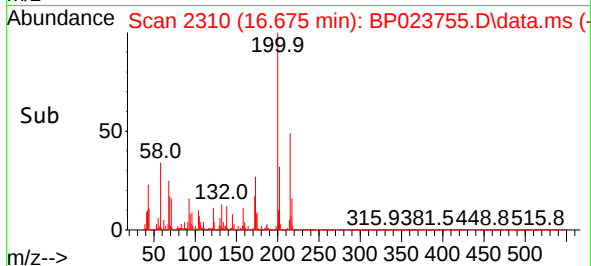
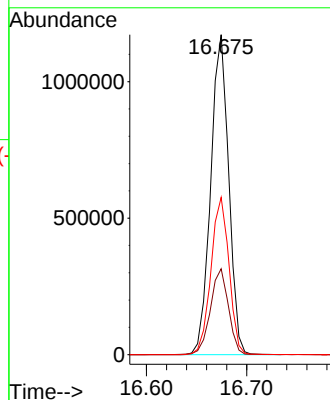
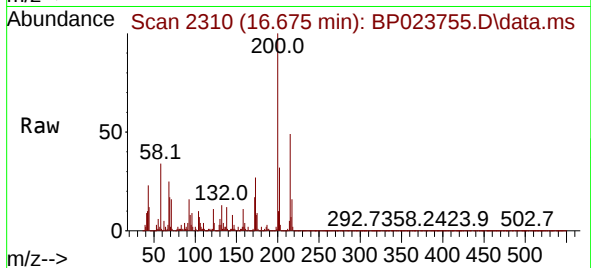
215 49.1 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#71

Pentachlorophenol

Concen: 41.556 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. 0.012 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

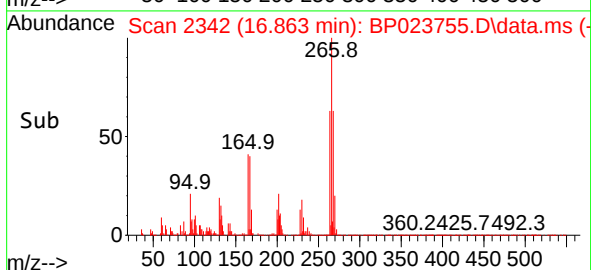
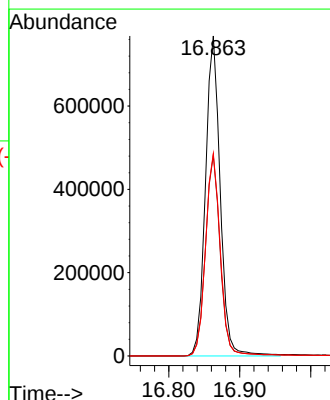
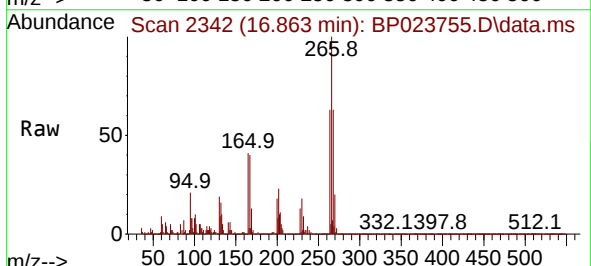
Tgt Ion:266 Resp: 1109258

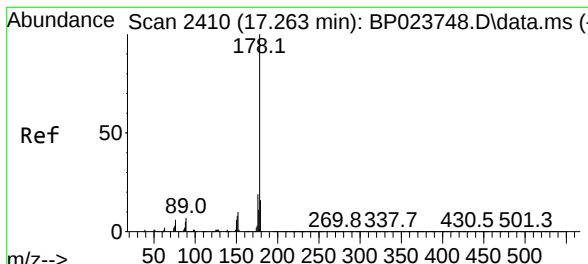
Ion Ratio Lower Upper

266 100

264 62.7 50.9 76.3

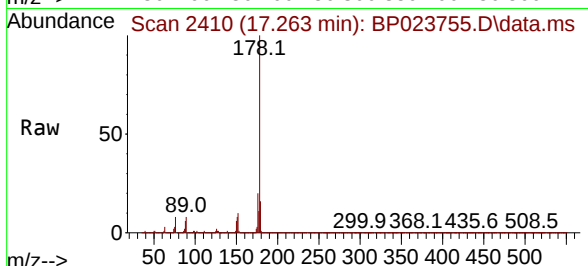
268 63.2 52.2 78.4





#72  
Phenanthrene  
Concen: 39.969 ng/u1  
RT: 17.263 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

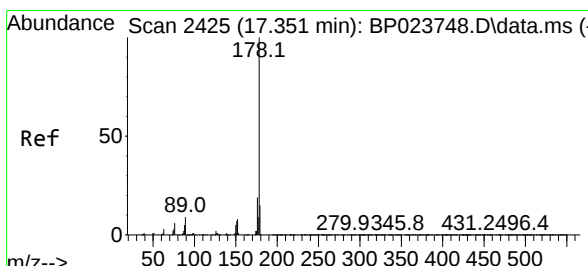
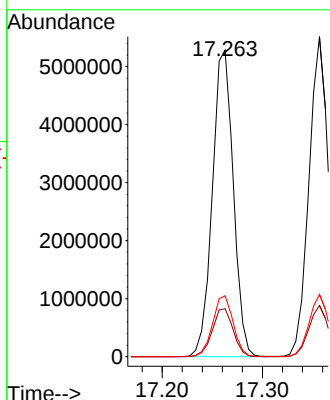
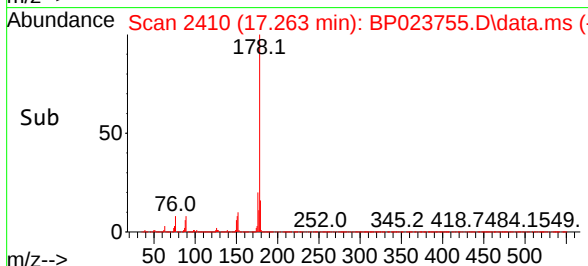
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:178 Resp: 765947  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.5 18.7  
176 19.9 15.7 23.5

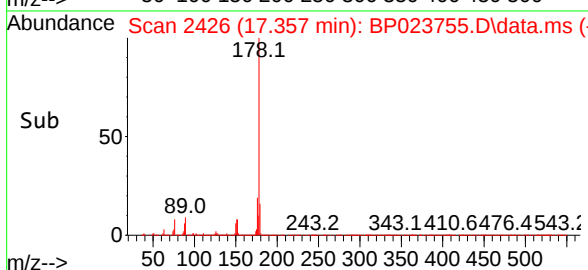
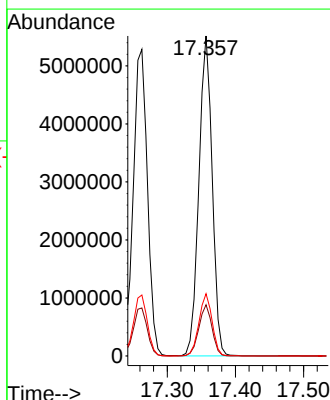
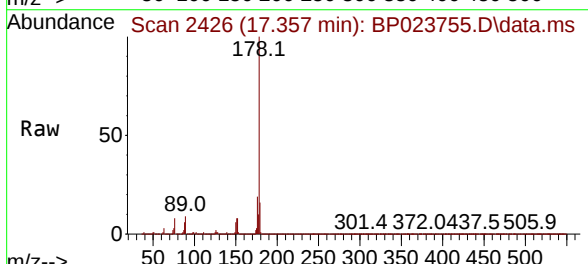
Manual Integrations  
APPROVED

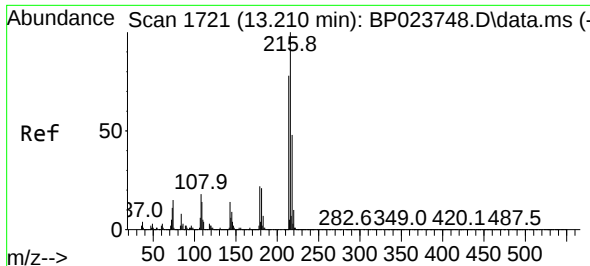
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#74  
Anthracene  
Concen: 39.328 ng/u1  
RT: 17.357 min Scan# 2426  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

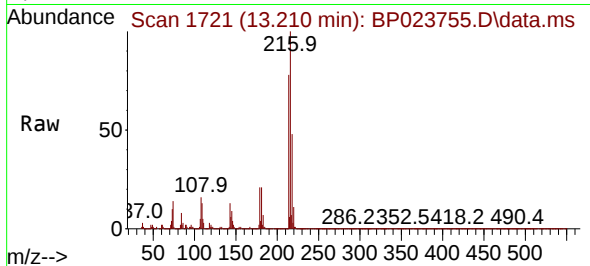
Tgt Ion:178 Resp: 7486308  
Ion Ratio Lower Upper  
178 100  
179 16.0 12.4 18.6  
176 19.4 15.0 22.6





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 35.355 ng/uL  
RT: 13.210 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

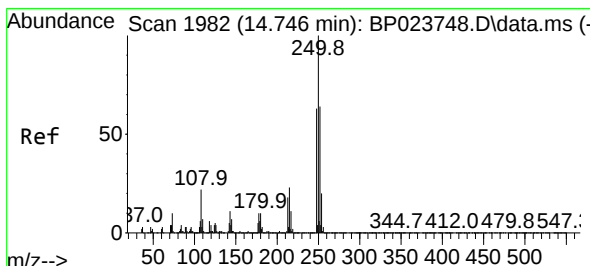
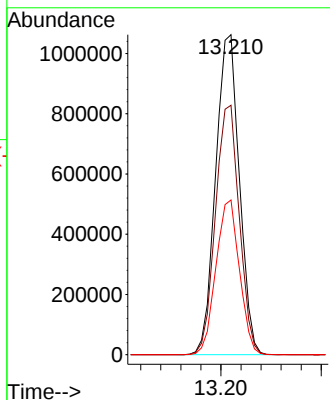
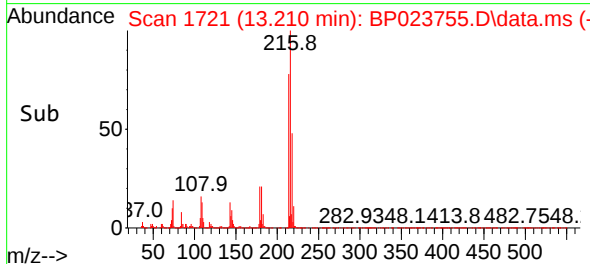
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



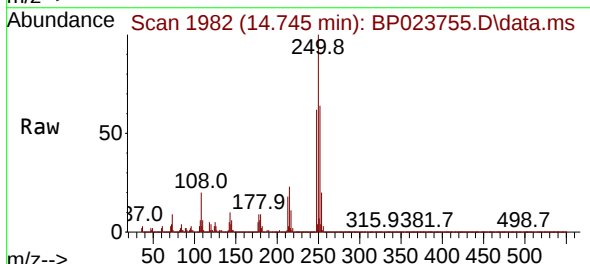
Tgt Ion:216 Resp: 173976  
Ion Ratio Lower Upper  
216 100  
214 78.0 61.5 92.3  
218 48.4 38.4 57.6

Manual Integrations  
APPROVED

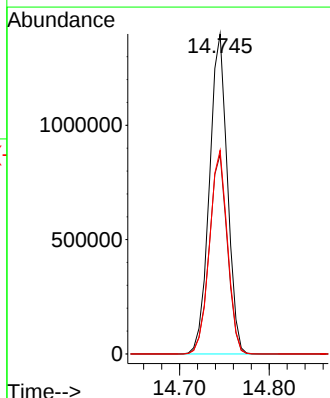
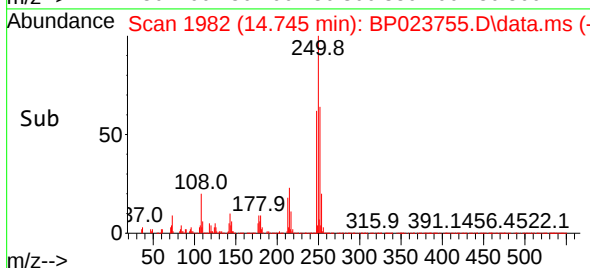
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

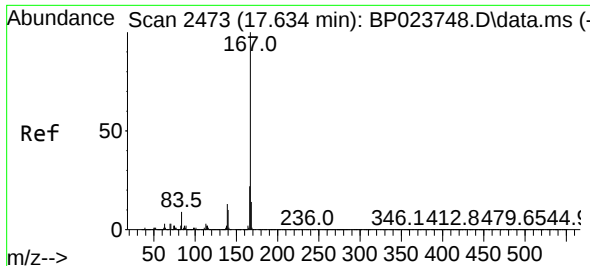


#76  
Pentachlorobenzene  
Concen: 37.067 ng/uL  
RT: 14.745 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



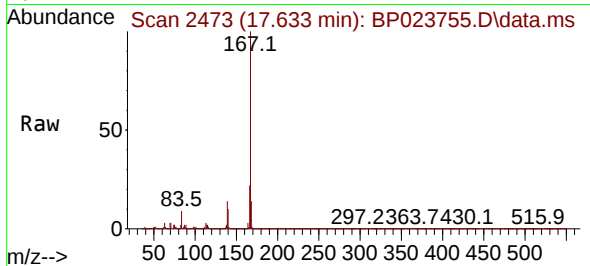
Tgt Ion:250 Resp: 1937589  
Ion Ratio Lower Upper  
250 100  
248 62.4 50.2 75.2  
252 63.6 51.0 76.6





#77  
 Carbazole  
 Concen: 43.999 ng/ul  
 RT: 17.633 min Scan# 2473  
 Delta R.T. 0.006 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19

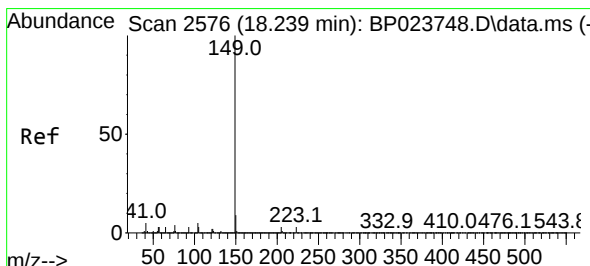
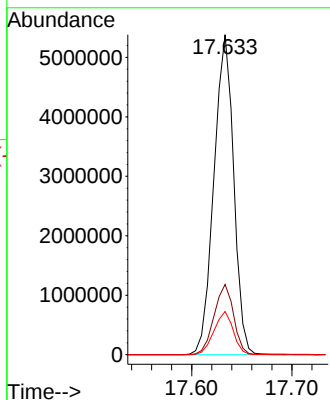
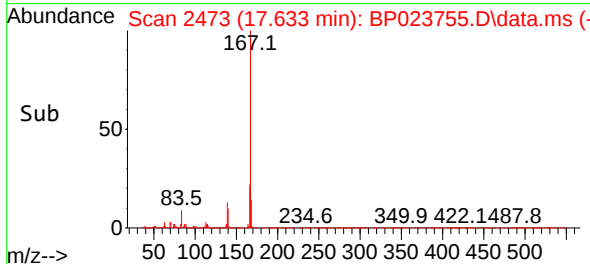
Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2944MS



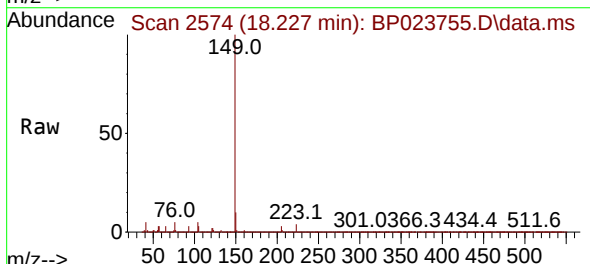
Tgt Ion:167 Resp: 7356314  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 13.5 10.6 15.8

Manual Integrations  
 APPROVED

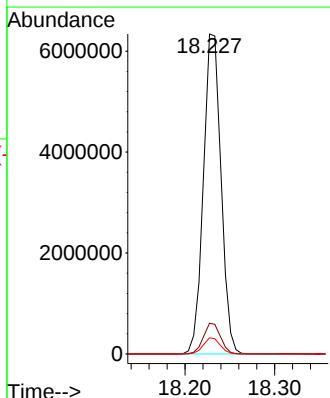
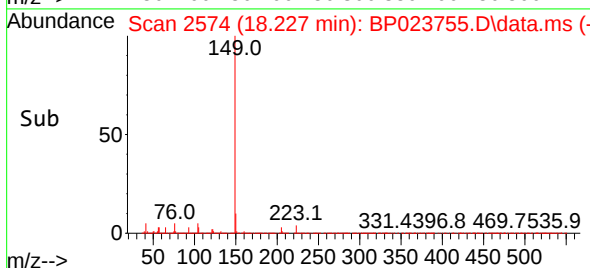
Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025

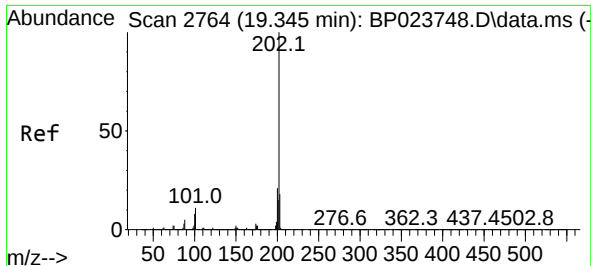


#78  
 Di-n-butylphthalate  
 Concen: 45.434 ng/ul  
 RT: 18.227 min Scan# 2574  
 Delta R.T. -0.006 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19



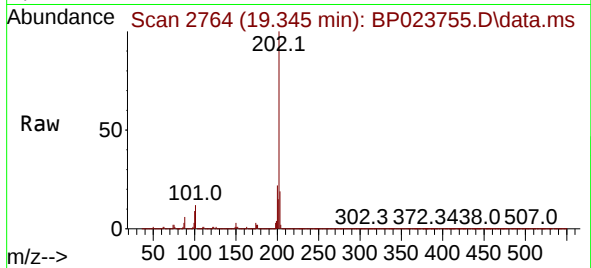
Tgt Ion:149 Resp: 8643900  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.5 11.3  
 104 5.0 4.2 6.2





#80  
Fluoranthene  
Concen: 44.666 ng/u1  
RT: 19.345 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

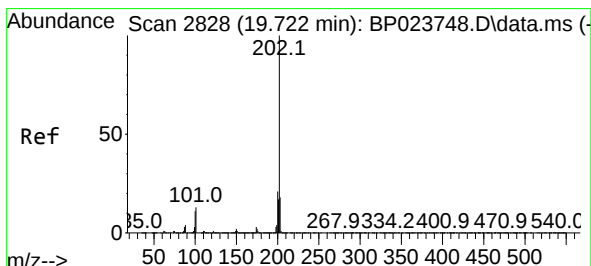
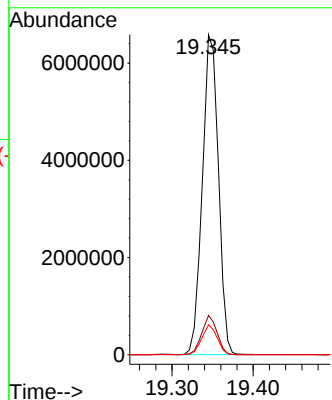
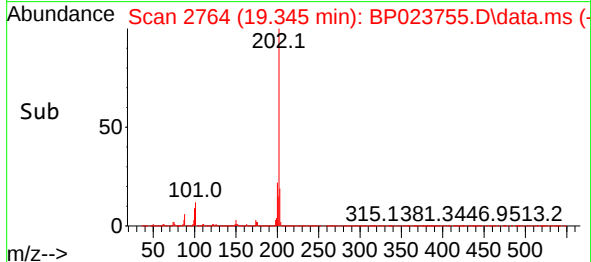
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



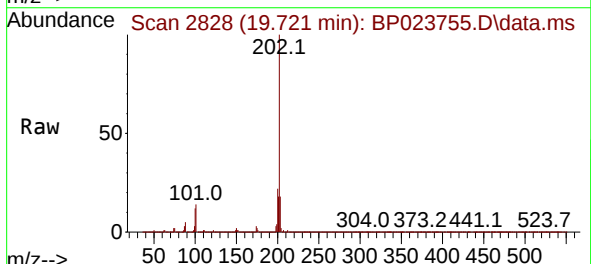
Tgt Ion:202 Resp: 904457  
Ion Ratio Lower Upper  
202 100  
101 12.3 9.2 13.8  
100 9.4 7.0 10.6

Manual Integrations  
APPROVED

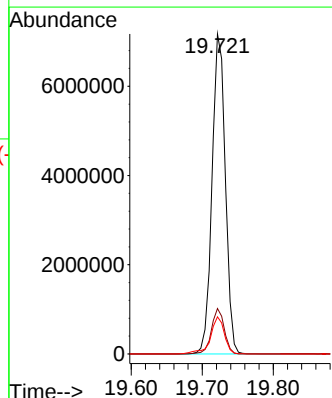
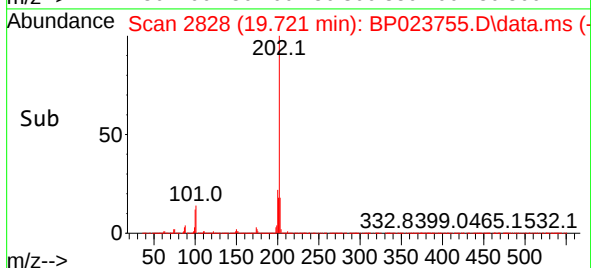
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025

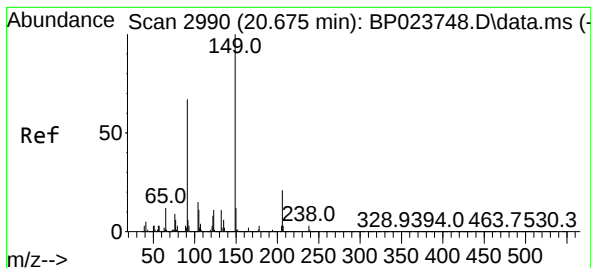


#82  
Pyrene  
Concen: 42.393 ng/u1  
RT: 19.721 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19



Tgt Ion:202 Resp: 9323582  
Ion Ratio Lower Upper  
202 100  
101 14.2 11.6 17.4  
100 11.6 9.6 14.4





#83

Butylbenzylphthalate

Concen: 50.268 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:149 Resp: 398711

Ion Ratio Lower Upper

149 100

91 64.4 56.6 84.8

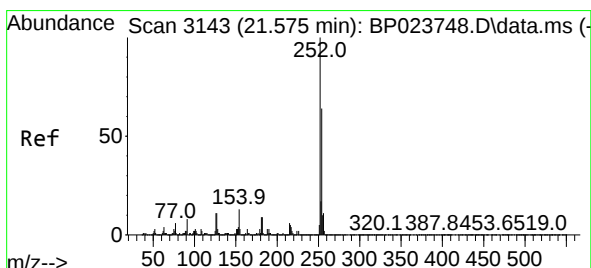
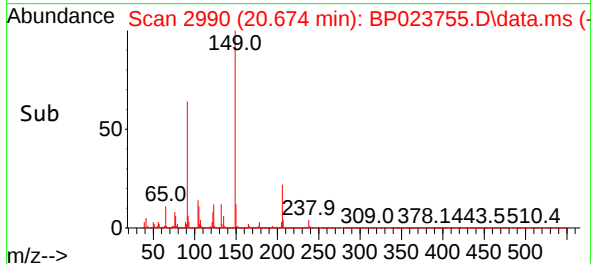
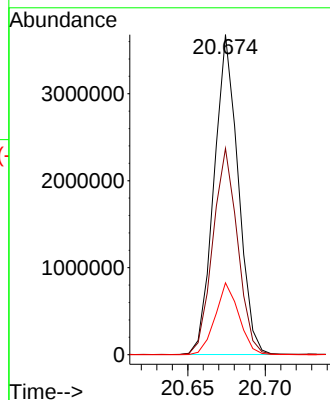
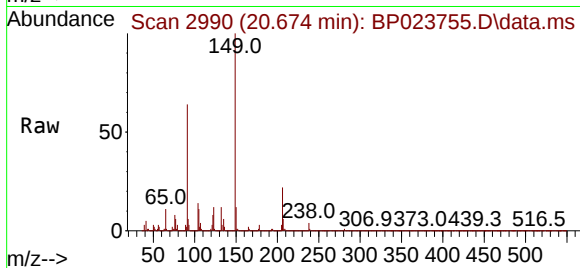
206 22.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#84

3,3'-Dichlorobenzidine

Concen: 41.167 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

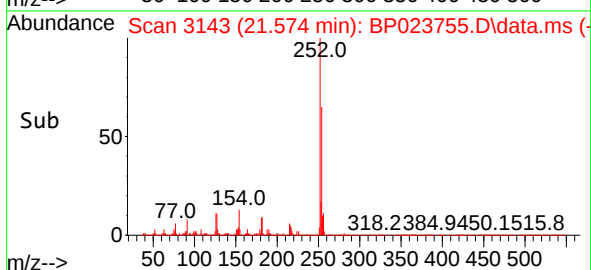
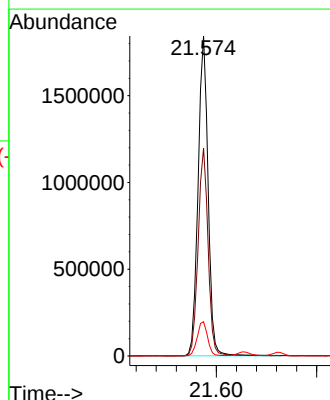
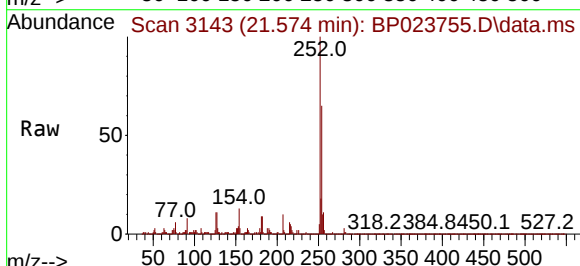
Tgt Ion:252 Resp: 2542777

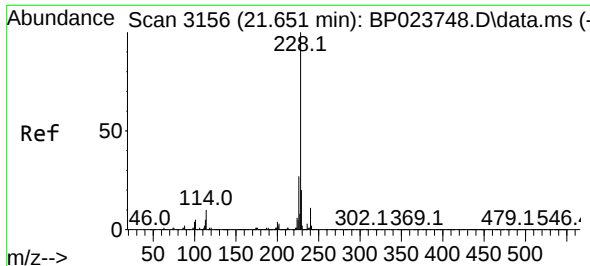
Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

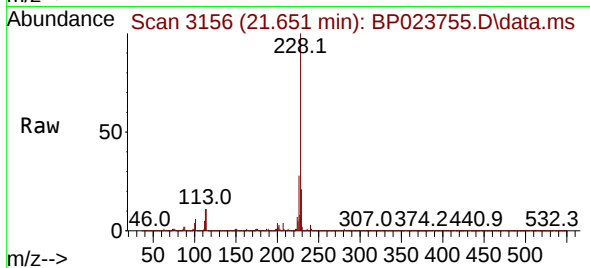
126 10.7 9.4 14.0





#85  
Benzo(a)anthracene  
Concen: 41.593 ng/ul  
RT: 21.651 min Scan# 3156  
Delta R.T. -0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

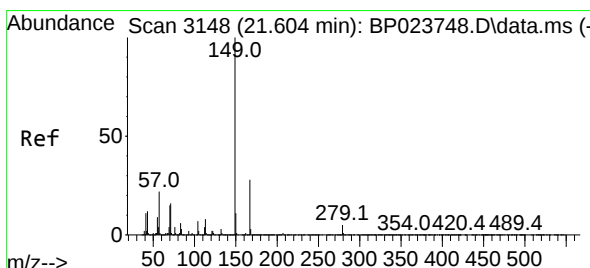
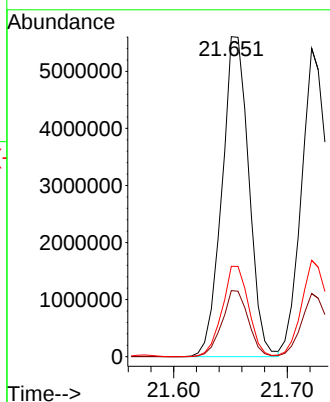
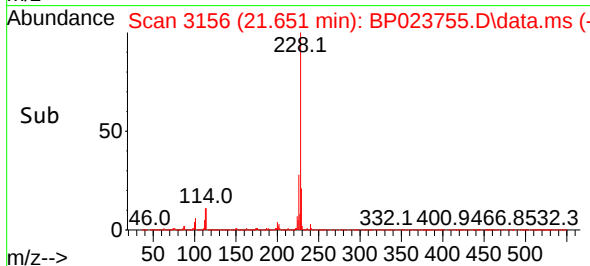
Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS



Tgt Ion:228 Resp: 922856  
Ion Ratio Lower Upper  
228 100  
229 20.7 15.8 23.8  
226 28.2 21.8 32.8

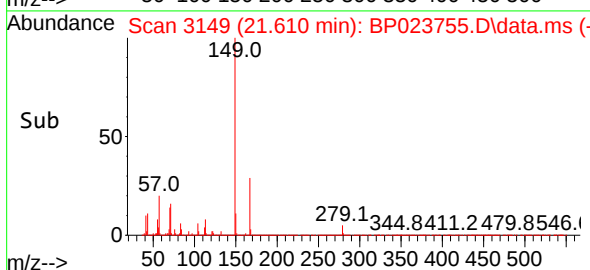
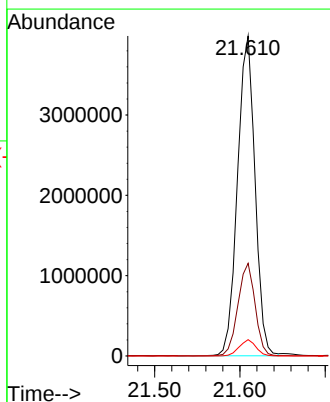
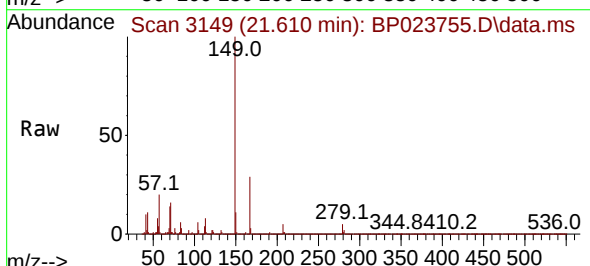
Manual Integrations  
APPROVED

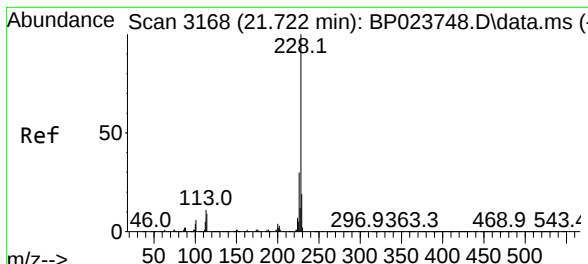
Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 48.106 ng/ul  
RT: 21.610 min Scan# 3149  
Delta R.T. -0.006 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

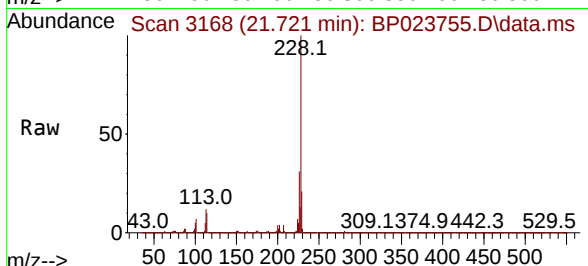
Tgt Ion:149 Resp: 5690108  
Ion Ratio Lower Upper  
149 100  
167 28.9 21.7 32.5  
279 5.1 3.4 5.2





#87  
 Chrysene  
 Concen: 41.001 ng/ul  
 RT: 21.721 min Scan# 3168  
 Delta R.T. -0.000 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19

Instrument : BNA\_P  
 ClientSampleId : E2944MS

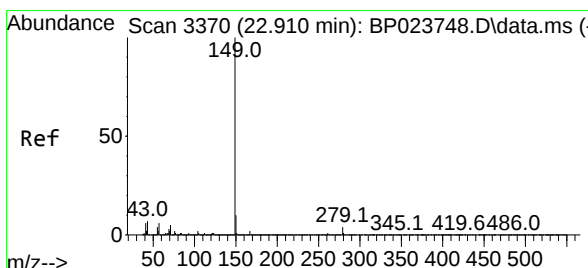
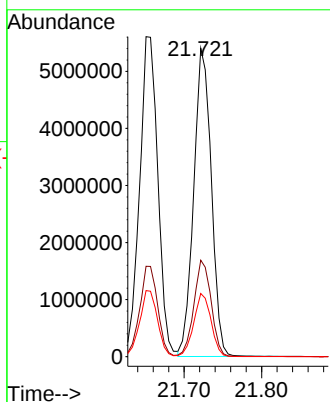
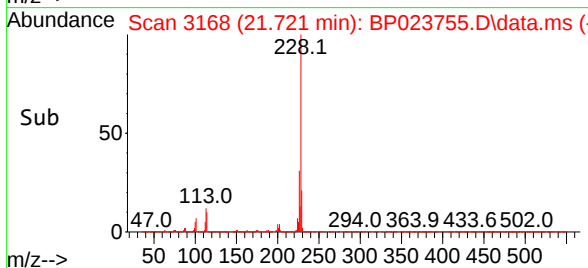


Tgt Ion:228 Resp: 8516760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.3  | 24.3  | 36.5  |
| 229 | 20.5  | 15.8  | 23.6  |

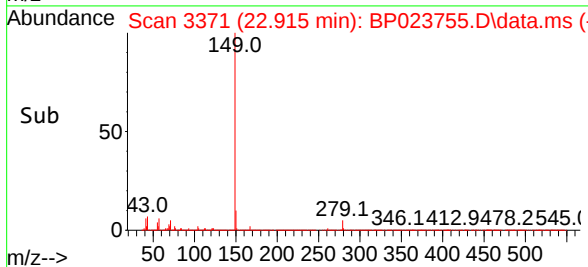
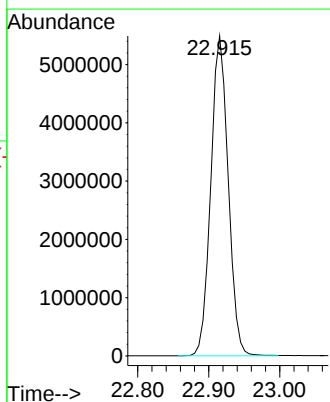
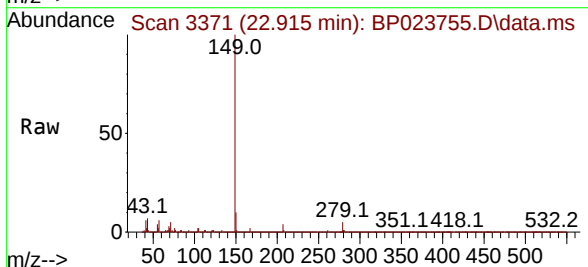
Manual Integrations  
 APPROVED

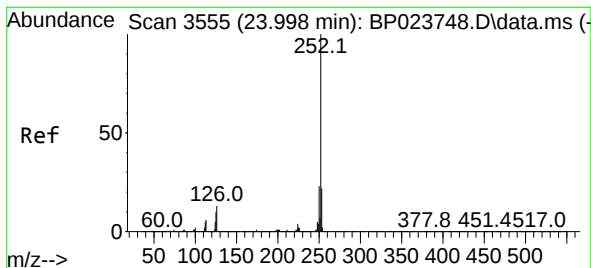
Reviewed By :Jagrut Upadhyay 01/28/2025  
 Supervised By :mohammad ahmed 01/31/2025



#89  
 Di-n-octyl phthalate  
 Concen: 49.487 ng/ul  
 RT: 22.915 min Scan# 3371  
 Delta R.T. -0.006 min  
 Lab File: BP023755.D  
 Acq: 28 Jan 2025 01:19

Tgt Ion:149 Resp: 9318687





#90

Benzo(b)fluoranthene

Concen: 41.793 ng/ul

RT: 23.998 min Scan# 3555

Delta R.T. -0.000 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:252 Resp: 932602

Ion Ratio Lower Upper

252 100

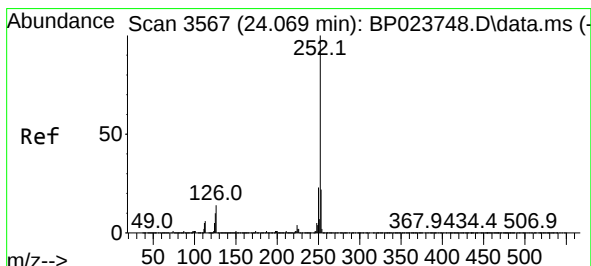
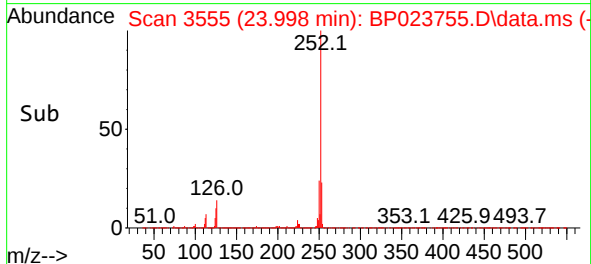
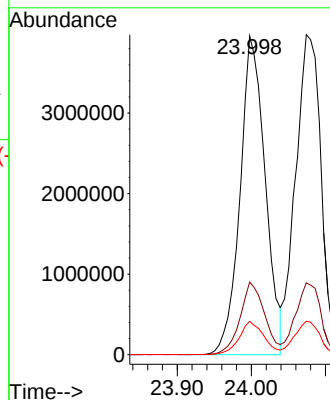
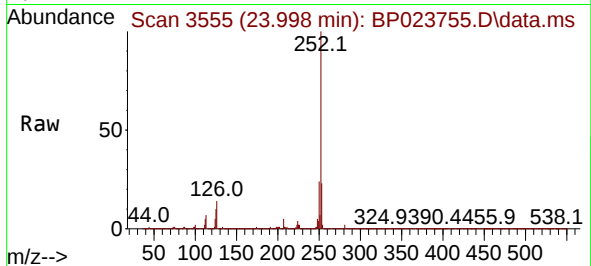
253 22.8 17.5 26.3

125 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#91

Benzo(k)fluoranthene

Concen: 41.190 ng/ul

RT: 24.074 min Scan# 3568

Delta R.T. 0.006 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

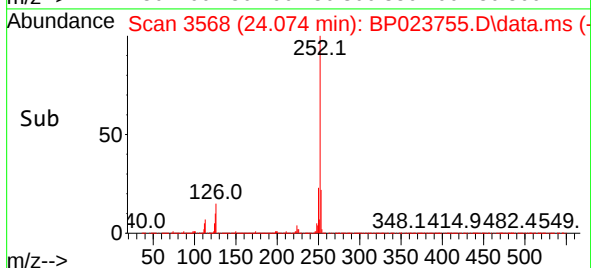
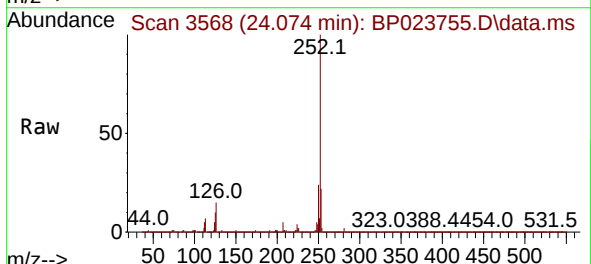
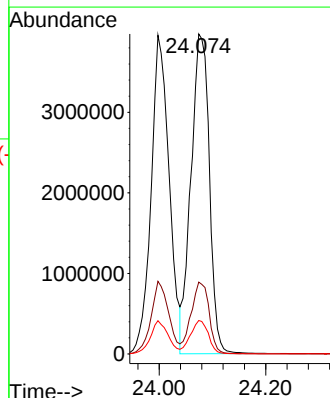
Tgt Ion:252 Resp: 9475074

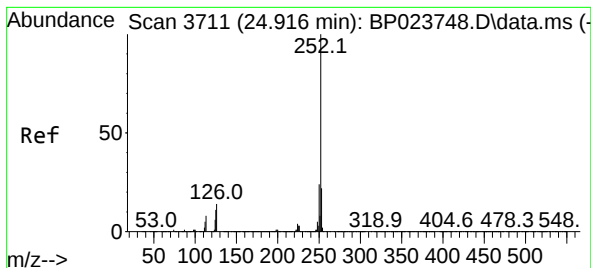
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.5 8.6 13.0





#93

Benzo(a)pyrene

Concen: 41.447 ng/ul

RT: 24.921 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

Instrument :

BNA\_P

ClientSampleId :

E2944MS

Tgt Ion:252 Resp: 870455

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

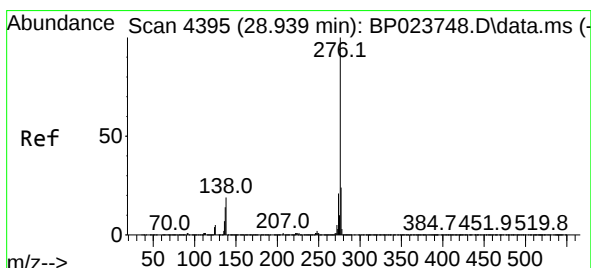
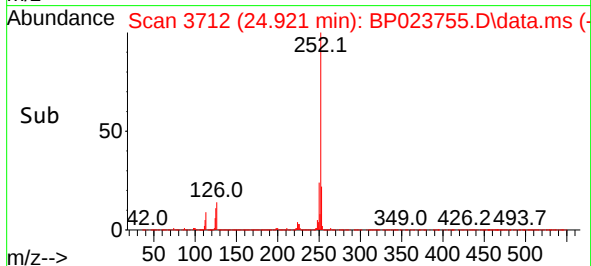
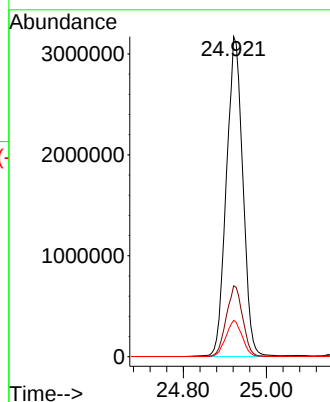
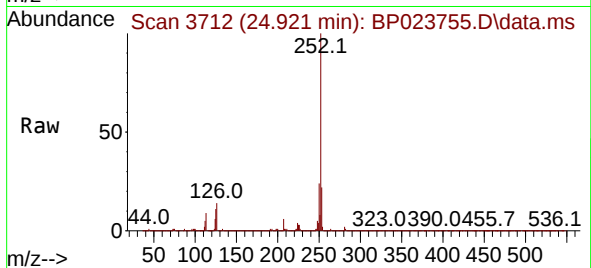
125 11.4 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025

Supervised By :mohammad ahmed 01/31/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.372 ng/ul m

RT: 28.962 min Scan# 4399

Delta R.T. 0.035 min

Lab File: BP023755.D

Acq: 28 Jan 2025 01:19

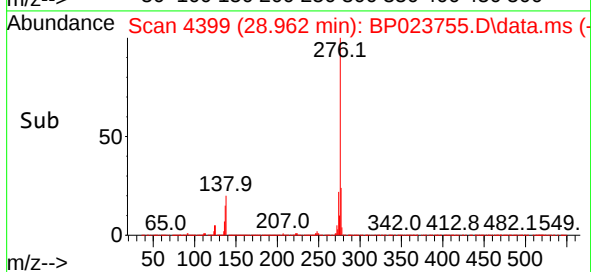
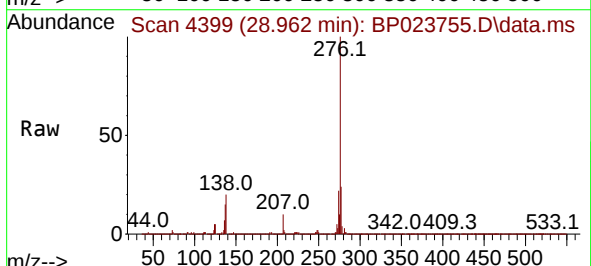
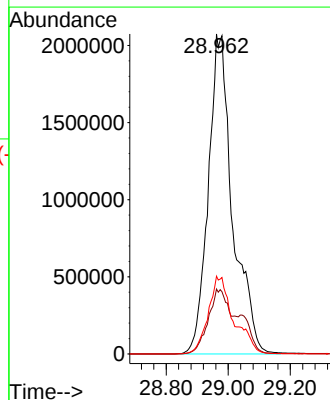
Tgt Ion:276 Resp:11321391

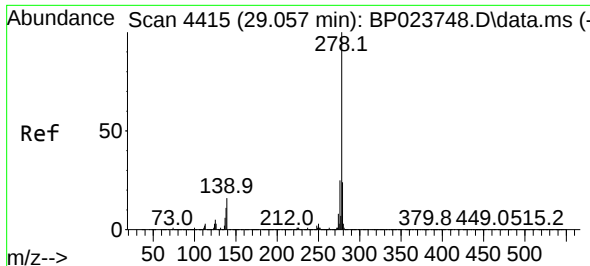
Ion Ratio Lower Upper

276 100

138 20.3 16.6 25.0

277 24.3 19.2 28.8





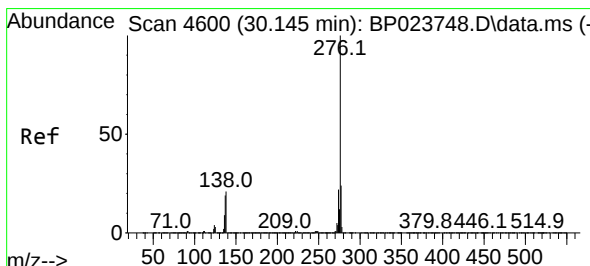
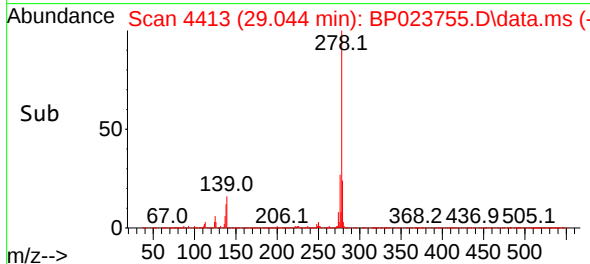
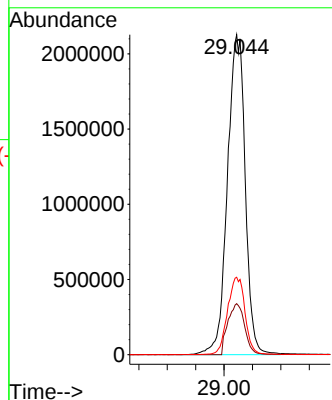
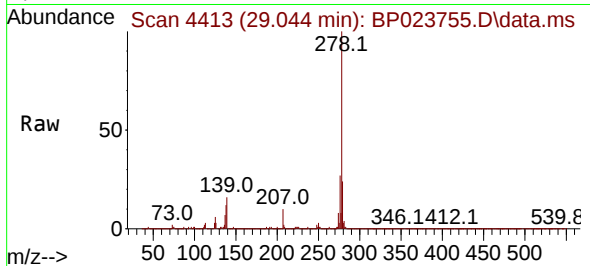
#95  
Dibenzo(a,h)anthracene  
Concen: 43.724 ng/ul  
RT: 29.044 min Scan# 4415  
Delta R.T. 0.035 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Instrument :  
BNA\_P  
ClientSampleId :  
E2944MS

Tgt Ion:278 Resp: 927186  
Ion Ratio Lower Upper  
278 100  
139 16.0 13.4 20.2  
279 24.2 19.4 29.2

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025  
Supervised By :mohammad ahmed 01/31/2025



#96  
Benzo(g,h,i)perylene  
Concen: 42.902 ng/ul  
RT: 30.162 min Scan# 4603  
Delta R.T. 0.047 min  
Lab File: BP023755.D  
Acq: 28 Jan 2025 01:19

Tgt Ion:276 Resp: 8614688  
Ion Ratio Lower Upper  
276 100  
138 21.6 18.5 27.7  
277 23.9 19.0 28.6

