

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121422\  
 Data File : BP013103.D  
 Acq On : 14 Dec 2022 13:44  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 15 03:45:20 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 13 03:29:24 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.958  | 152  | 438601   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.775 | 136  | 1556815  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.598 | 164  | 855139   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 1731427  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.445 | 240  | 1777193  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.927 | 264  | 2014834  | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.511  | 112  | 1805219  | 75.202 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.117  | 99   | 2297199  | 73.279 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.128  | 82   | 2141427  | 75.409 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.093 | 330  | 790312   | 76.653 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.222 | 172  | 4792157  | 76.089 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.910 | 244  | 6522531  | 72.407 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.376  | 88   | 399563   | 37.567 | ng    | 99       |
| 3) Pyridine                   | 3.787  | 79   | 1123247  | 37.186 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.693  | 42   | 508265   | 37.548 | ng    | 94       |
| 6) Aniline                    | 7.281  | 93   | 1381013  | 36.379 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.522  | 128  | 1041817  | 36.815 | ng    | 98       |
| 9) Benzaldehyde               | 7.093  | 77   | 648872   | 34.497 | ng    | 98       |
| 10) Phenol                    | 7.146  | 94   | 1280796  | 36.501 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.381  | 93   | 1013046  | 35.860 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.846  | 146  | 1213112  | 36.845 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.993  | 146  | 1235945  | 36.859 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.316  | 146  | 1165458  | 36.620 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.199  | 79   | 806804   | 35.478 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.487  | 45   | 1449179  | 35.417 | ng    | 99       |
| 17) 2-Methylphenol            | 8.405  | 107  | 832137   | 35.878 | ng    | 100      |
| 18) Hexachloroethane          | 9.046  | 117  | 417829   | 36.795 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.769  | 70   | 713564   | 35.048 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.728  | 107  | 1113129  | 35.301 | ng    | 98       |
| 22) Acetophenone              | 8.787  | 105  | 1434479  | 37.028 | ng    | 99       |
| 24) Nitrobenzene              | 9.169  | 77   | 1107790  | 37.430 | ng    | 100      |
| 25) Isophorone                | 9.699  | 82   | 1721984  | 35.703 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.881  | 139  | 502473   | 34.252 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.940  | 122  | 750128   | 36.757 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.181 | 93   | 1112855  | 35.983 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.416 | 162  | 929552   | 36.907 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.634 | 180  | 1093943  | 36.799 | ng    | 99       |
| 31) Naphthalene               | 10.822 | 128  | 3114827  | 36.540 | ng    | 100      |
| 32) Benzoic acid              | 10.058 | 122  | 544668m  | 32.583 | ng    |          |
| 33) 4-Chloroaniline           | 10.934 | 127  | 1165226  | 36.652 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.105 | 225  | 711566   | 37.522 | ng    | 99       |
| 35) Caprolactam               | 11.722 | 113  | 221651   | 34.084 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.052 | 107  | 837373   | 35.595 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.428 | 142  | 2055942  | 35.863 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.646 | 142  | 1989294  | 35.634 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.793 | 216  | 1145646  | 37.554 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.775 | 237  | 555883   | 36.138 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.034 | 196  | 722604   | 37.562 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121422\  
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 Acq On : 14 Dec 2022 13:44  
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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 15 03:45:20 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 13 03:29:24 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
 Supervised By :mohammad ahmed 12/17/2022

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.104 | 196  | 783917   | 37.716 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.434 | 154  | 2526624  | 37.368 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.481 | 162  | 2017980  | 37.551 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.681 | 65   | 518968   | 36.283 | ng    | 96       |
| 49) Acenaphthylene             | 14.322 | 152  | 3012985  | 38.114 | ng    | 100      |
| 50) Dimethylphthalate          | 14.057 | 163  | 2324431  | 37.162 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.175 | 165  | 487511   | 38.088 | ng    | 98       |
| 52) Acenaphthene               | 14.663 | 154  | 1833586  | 37.310 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.504 | 138  | 510618   | 36.573 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.710 | 184  | 278292   | 34.928 | ng    | 96       |
| 55) Dibenzofuran               | 14.998 | 168  | 2934488  | 37.313 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.804 | 139  | 413365   | 38.645 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.963 | 165  | 627393   | 36.471 | ng    | 95       |
| 58) Fluorene                   | 15.651 | 166  | 2330602  | 38.288 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.222 | 232  | 677908   | 38.156 | ng    | 99       |
| 60) Diethylphthalate           | 15.416 | 149  | 2167604  | 37.696 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.640 | 204  | 1187725  | 37.702 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.669 | 138  | 516199   | 38.708 | ng    | 99       |
| 63) Azobenzene                 | 15.934 | 77   | 2060358  | 38.556 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 15.728 | 198  | 389830   | 35.048 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.857 | 169  | 1924051  | 35.592 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.540 | 248  | 722099   | 35.270 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.657 | 284  | 848072   | 35.378 | ng    | 99       |
| 69) Atrazine                   | 16.810 | 200  | 595078   | 39.234 | ng    | 98       |
| 70) Pentachlorophenol          | 17.004 | 266  | 505920   | 35.837 | ng    | 99       |
| 71) Phenanthrene               | 17.398 | 178  | 3588619  | 36.424 | ng    | 100      |
| 72) Anthracene                 | 17.492 | 178  | 3421311  | 36.990 | ng    | 100      |
| 73) Carbazole                  | 17.763 | 167  | 3119672  | 38.474 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.304 | 149  | 3460093  | 38.796 | ng    | 100      |
| 75) Fluoranthene               | 19.363 | 202  | 4207972  | 39.681 | ng    | 99       |
| 77) Benzidine                  | 19.545 | 184  | 1150817  | 45.589 | ng    | 99       |
| 78) Pyrene                     | 19.716 | 202  | 4435960  | 34.738 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.581 | 149  | 1582226  | 35.182 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.428 | 228  | 4592073  | 37.803 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.357 | 252  | 1493352  | 41.284 | ng    | 99       |
| 83) Chrysene                   | 21.486 | 228  | 4470343  | 37.727 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.339 | 149  | 2285267  | 36.974 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.292 | 149  | 3882892  | 38.419 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 26.533 | 276  | 5990817  | 36.390 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.169 | 252  | 4626459  | 35.663 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.216 | 252  | 4794094  | 36.531 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.822 | 252  | 3940901  | 36.200 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 26.551 | 278  | 4983778  | 36.426 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 27.327 | 276  | 4921396  | 36.304 | ng    | 99       |

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

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 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
 Supervised By :mohammad ahmed 12/17/2022

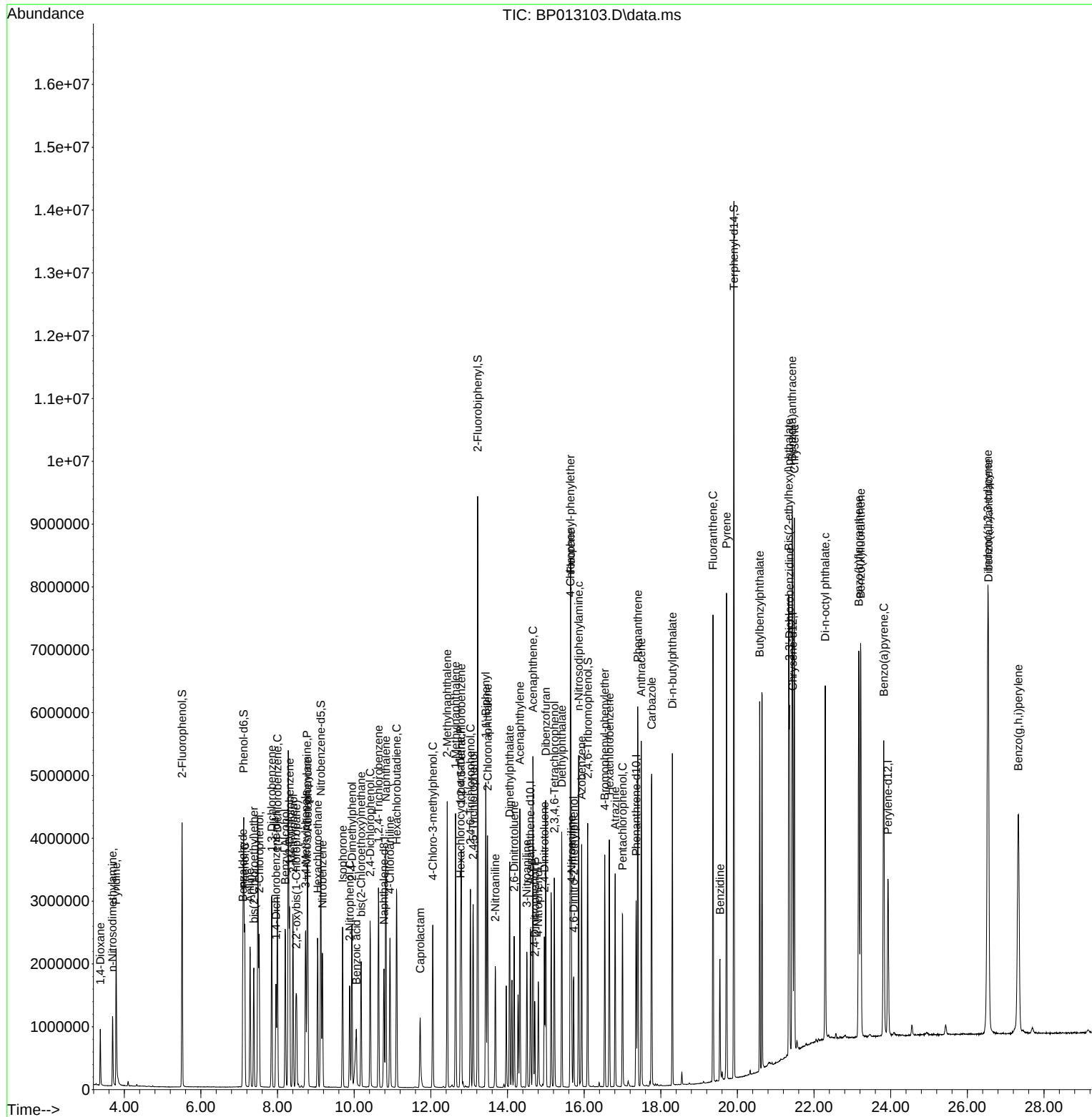
Quant Time: Dec 15 03:45:20 2022

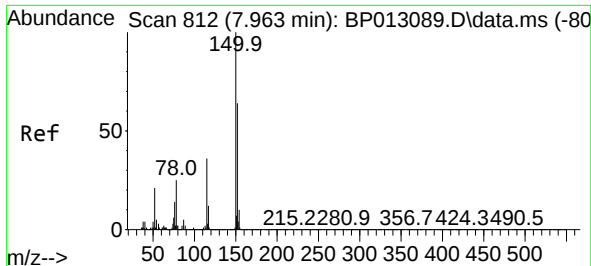
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 13 03:29:24 2022

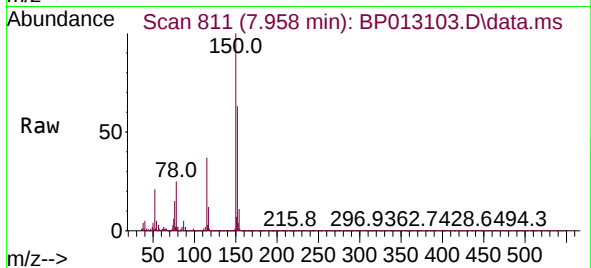
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.958 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

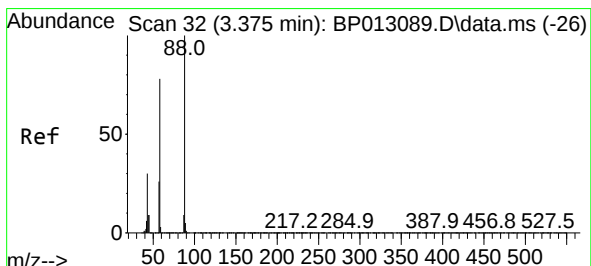
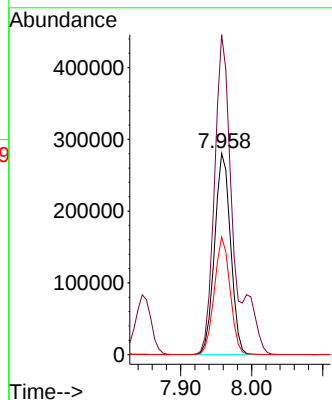
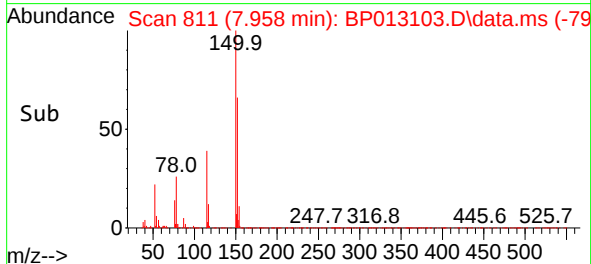
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 438601  
Ion Ratio Lower Upper  
152 100  
150 158.9 125.3 187.9  
115 58.4 45.6 68.4

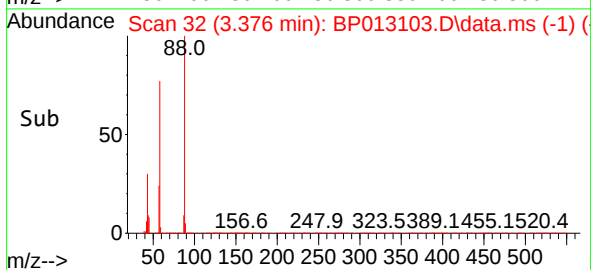
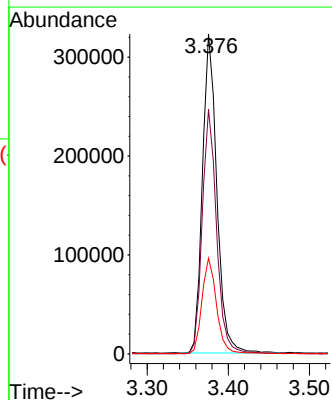
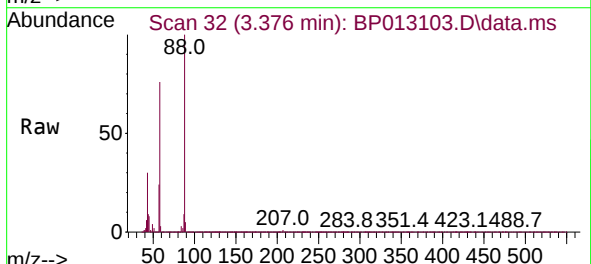
Manual Integrations  
APPROVED

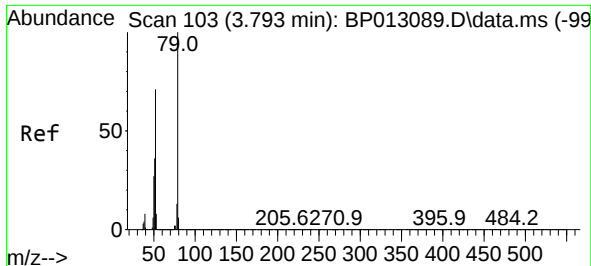
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#2  
1,4-Dioxane  
Concen: 37.567 ng  
RT: 3.376 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion: 88 Resp: 399563  
Ion Ratio Lower Upper  
88 100  
58 76.3 60.1 90.1  
43 30.0 23.5 35.3





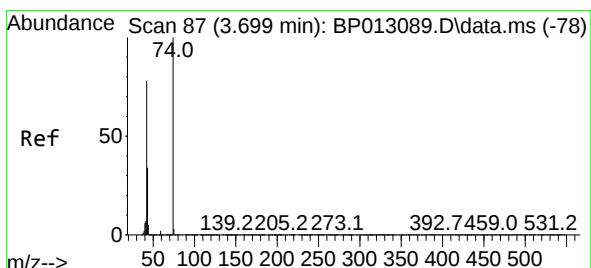
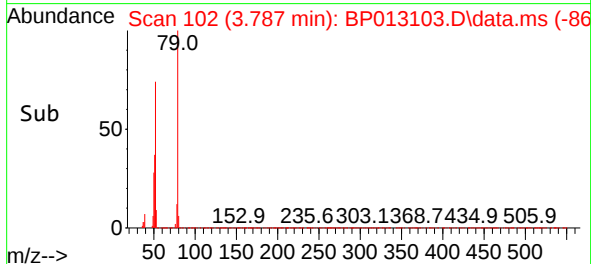
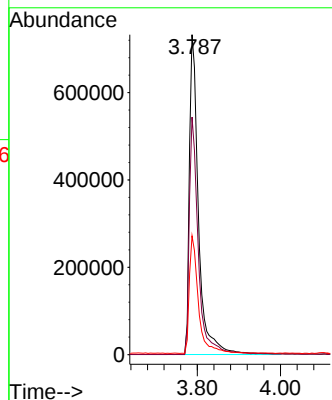
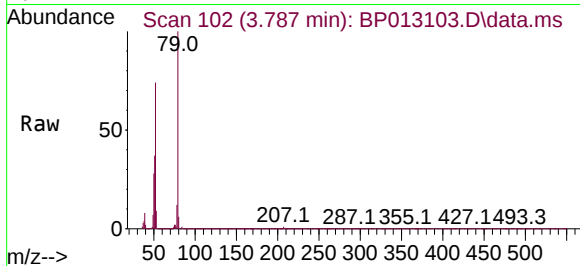
#3  
Pyridine  
Concen: 37.186 ng  
RT: 3.787 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 112324  
Ion Ratio Lower Upper  
79 100  
52 74.2 57.0 85.4  
51 37.1 29.1 43.7

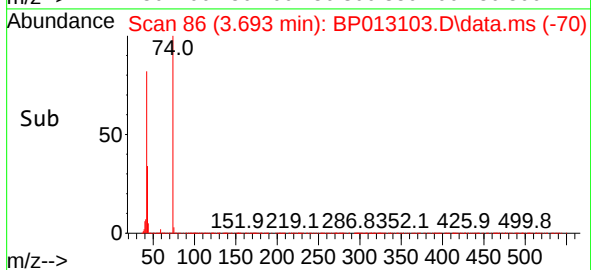
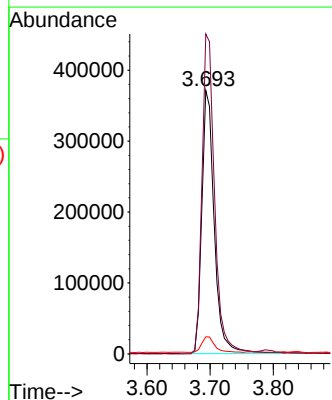
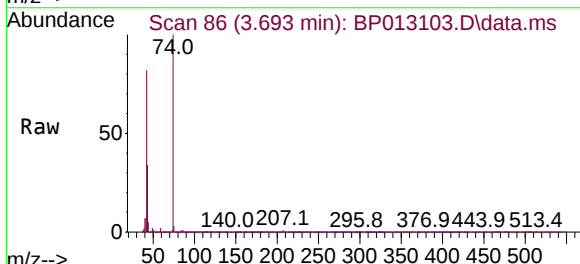
Manual Integrations  
APPROVED

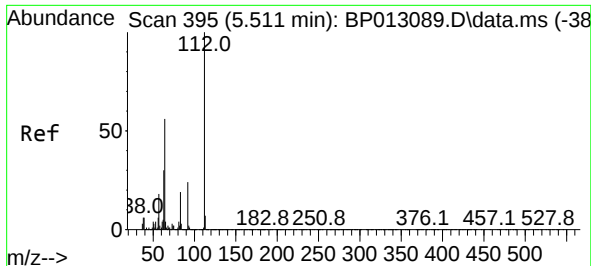
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#4  
n-Nitrosodimethylamine  
Concen: 37.548 ng  
RT: 3.693 min Scan# 86  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

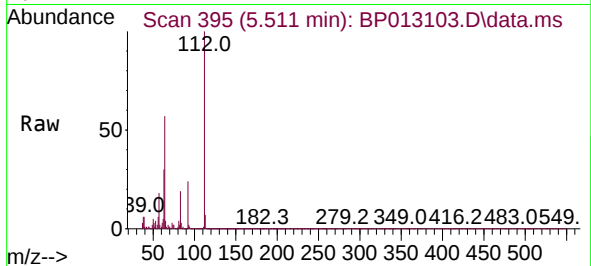
Tgt Ion: 42 Resp: 508265  
Ion Ratio Lower Upper  
42 100  
74 121.5 102.7 154.1  
44 6.5 5.6 8.4





#5  
2-Fluorophenol  
Concen: 75.202 ng  
RT: 5.511 min Scan# 395  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

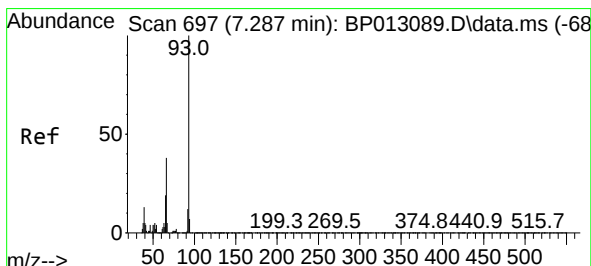
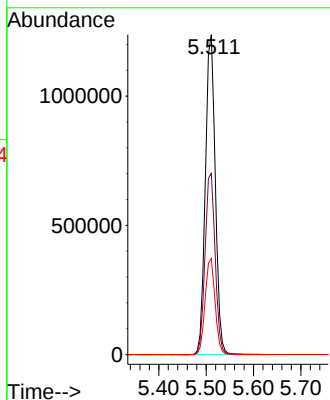
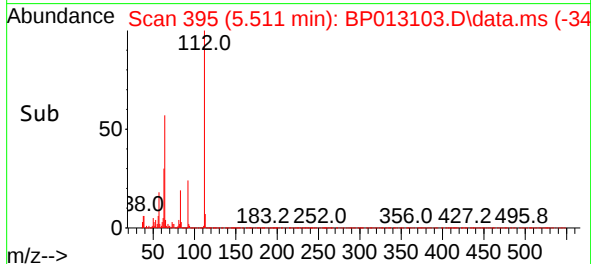
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



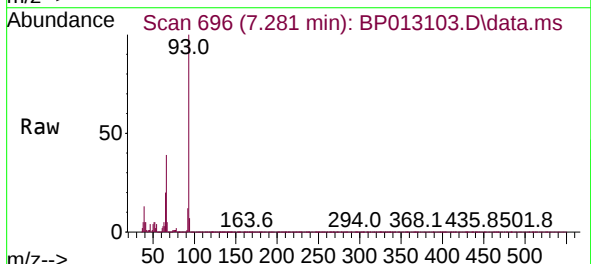
Tgt Ion: 112 Resp: 1805219  
Ion Ratio Lower Upper  
112 100  
64 56.6 45.1 67.7  
63 30.0 23.8 35.6

Manual Integrations  
APPROVED

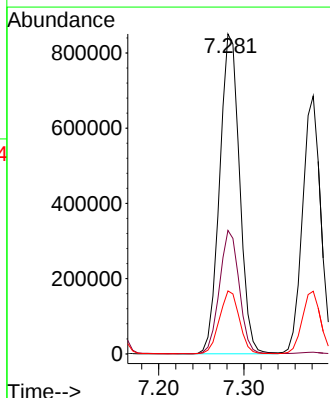
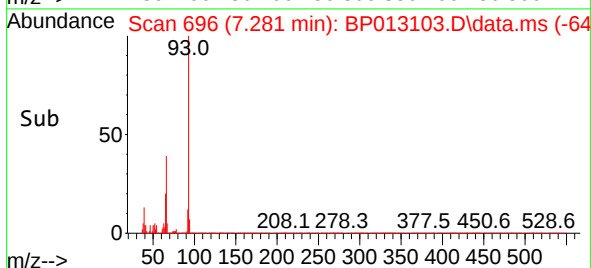
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

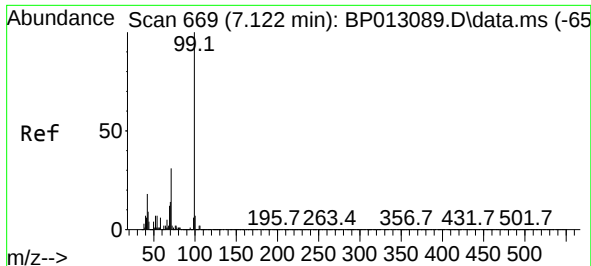


#6  
Aniline  
Concen: 36.379 ng  
RT: 7.281 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



Tgt Ion: 93 Resp: 1381013  
Ion Ratio Lower Upper  
93 100  
66 38.6 30.6 45.8  
65 19.7 15.5 23.3





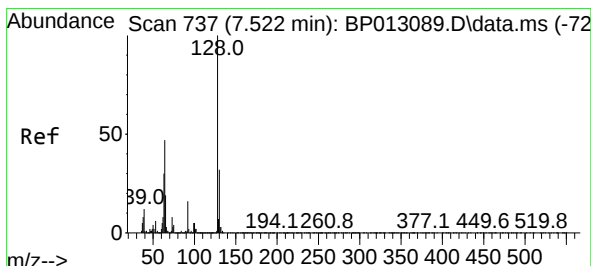
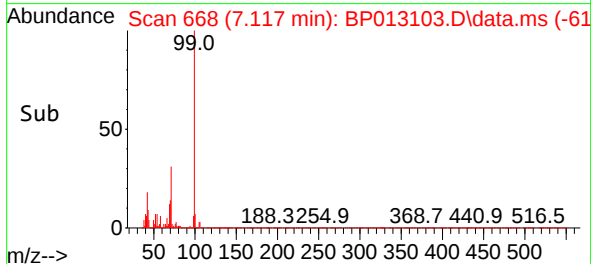
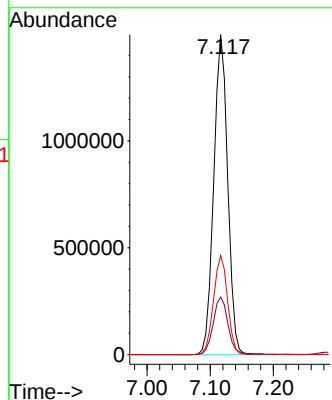
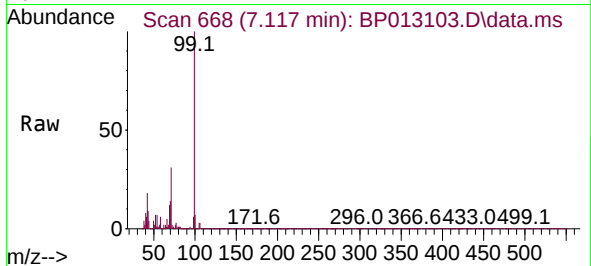
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Phenol-d6  
Concen: 73.279 ng  
RT: 7.117 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 2297199  
Ion Ratio Lower Upper  
99 100  
42 18.0 14.2 21.4  
71 31.0 24.7 37.1

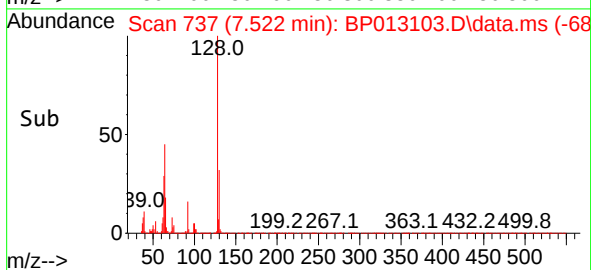
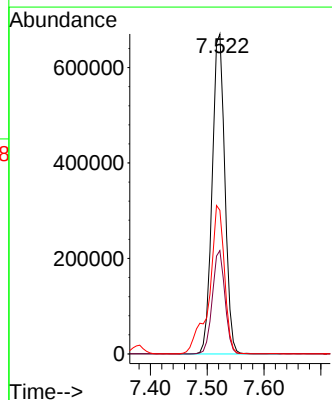
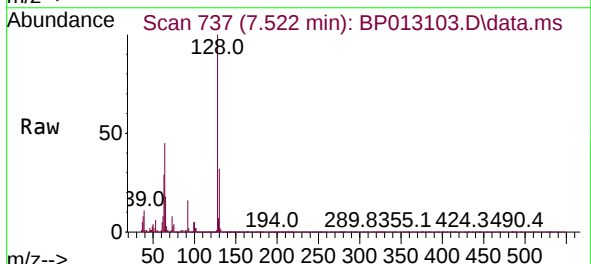
Manual Integrations  
APPROVED

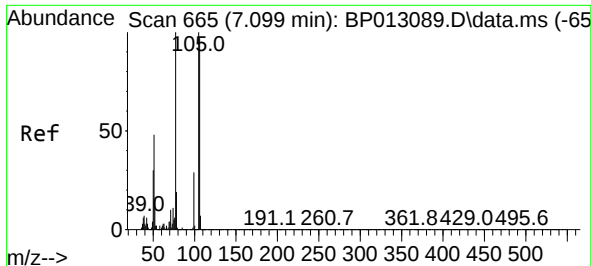
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#8  
2-Chlorophenol  
Concen: 36.815 ng  
RT: 7.522 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:128 Resp: 1041817  
Ion Ratio Lower Upper  
128 100  
130 32.3 11.9 51.9  
64 44.9 26.7 66.7





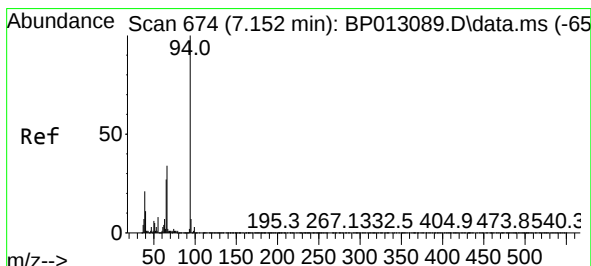
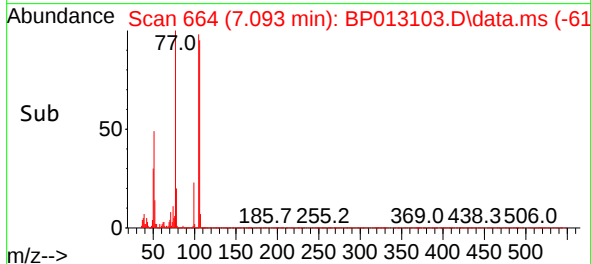
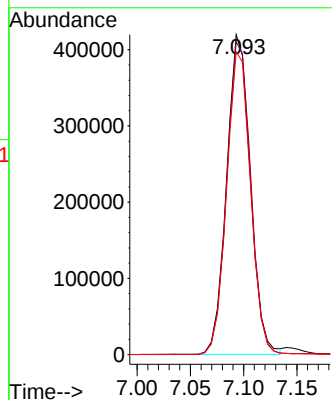
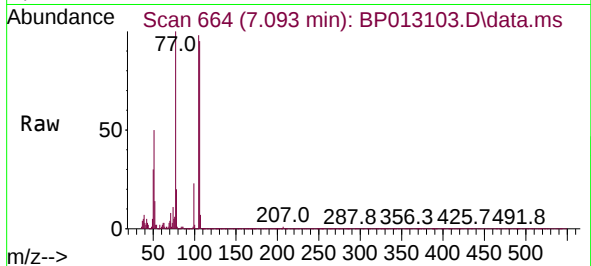
#9  
Benzaldehyde  
Concen: 34.497 ng  
RT: 7.093 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 648872  
Ion Ratio Lower Upper  
77 100  
105 97.8 80.1 120.1  
106 94.6 76.6 116.6

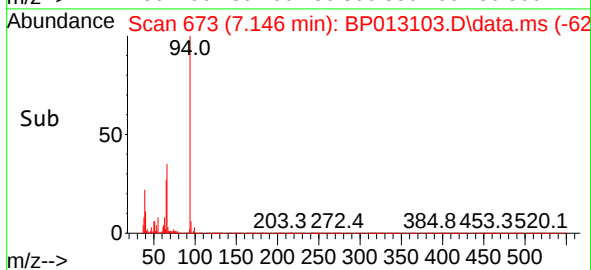
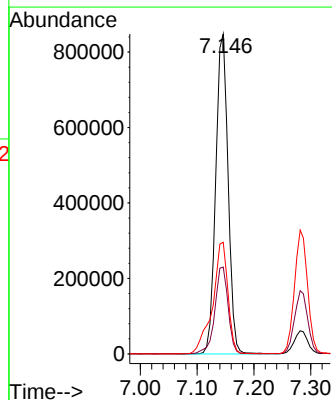
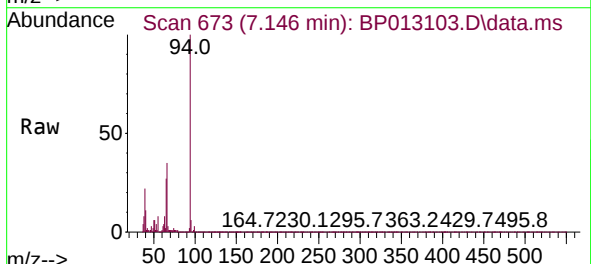
Manual Integrations  
APPROVED

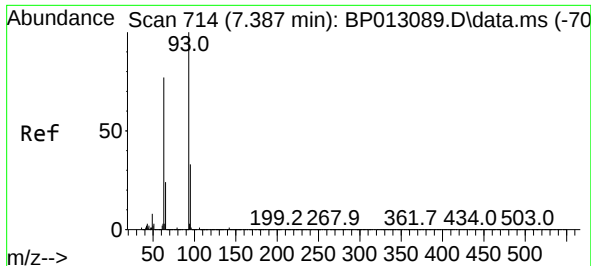
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#10  
Phenol  
Concen: 36.501 ng  
RT: 7.146 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

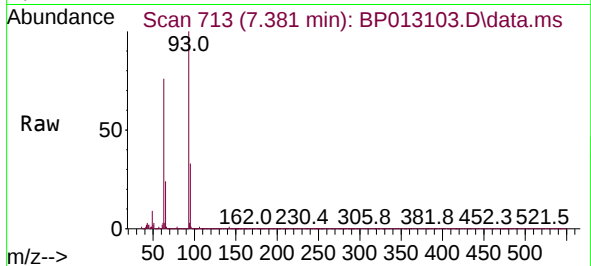
Tgt Ion: 94 Resp: 1280796  
Ion Ratio Lower Upper  
94 100  
65 27.1 7.2 47.2  
66 34.9 13.7 53.7





#11  
bis(2-Chloroethyl)ether  
Concen: 35.860 ng  
RT: 7.381 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

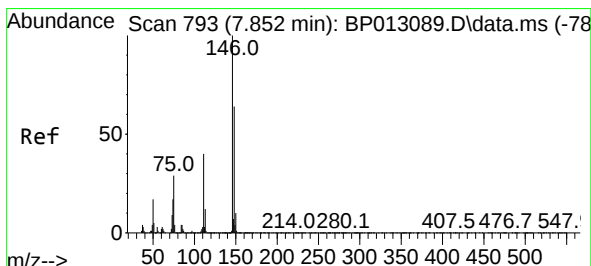
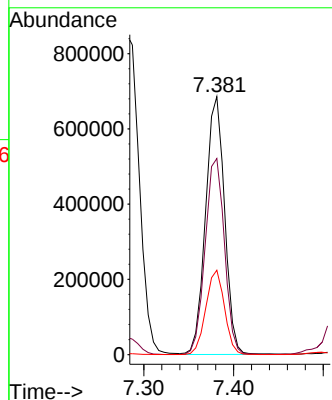
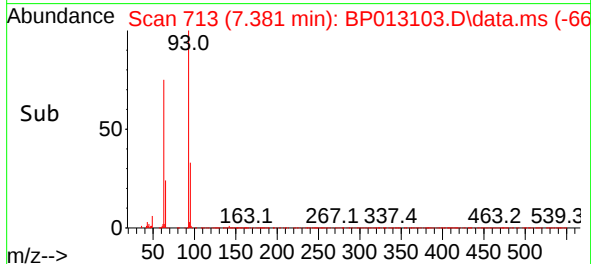
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



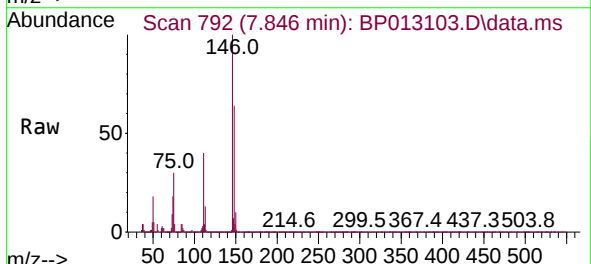
Tgt Ion: 93 Resp: 1013046  
Ion Ratio Lower Upper  
93 100  
63 76.0 56.3 96.3  
95 32.7 13.0 53.0

Manual Integrations  
APPROVED

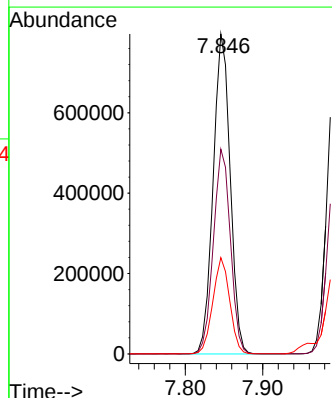
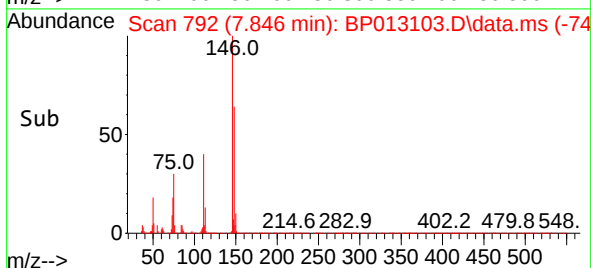
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

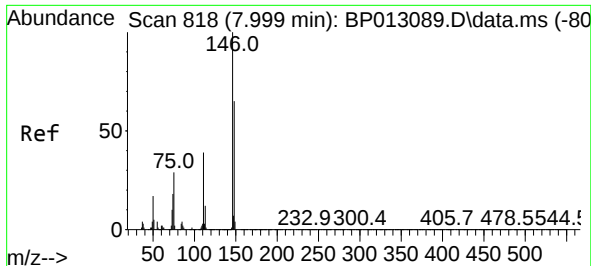


#12  
1,3-Dichlorobenzene  
Concen: 36.845 ng  
RT: 7.846 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



Tgt Ion:146 Resp: 1213112  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.5 77.3  
75 30.1 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 36.859 ng

RT: 7.993 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 1235945

Ion Ratio Lower Upper

146 100

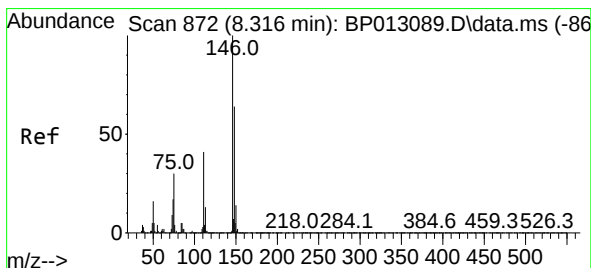
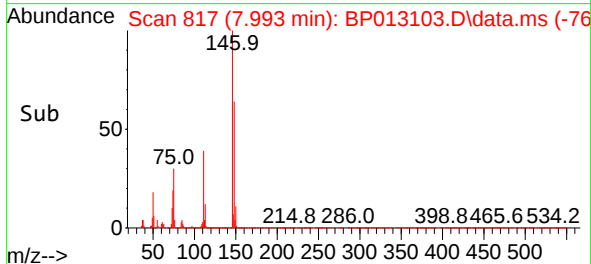
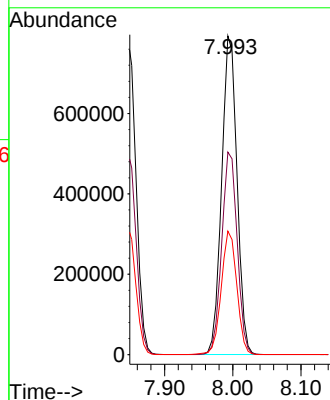
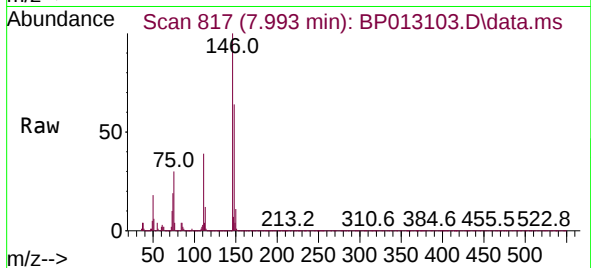
148 63.5 51.9 77.9

111 38.7 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#14

1,2-Dichlorobenzene

Concen: 36.620 ng

RT: 8.316 min Scan# 872

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

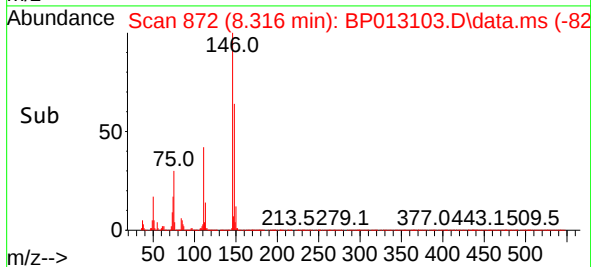
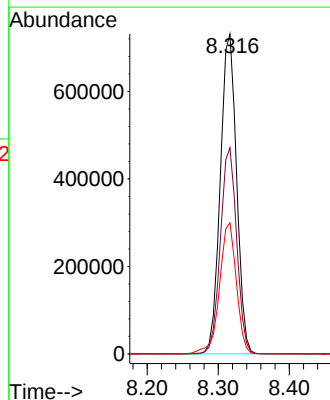
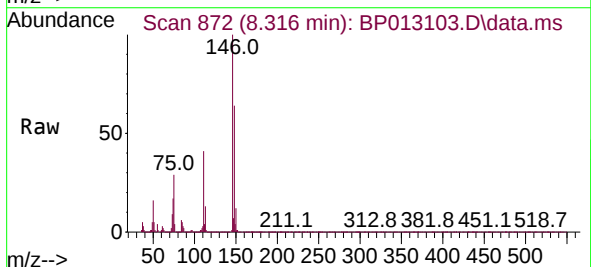
Tgt Ion:146 Resp: 1165458

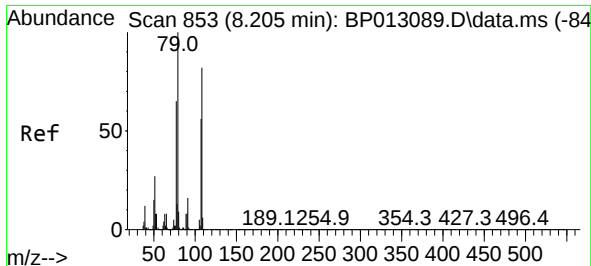
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 41.0 32.6 49.0





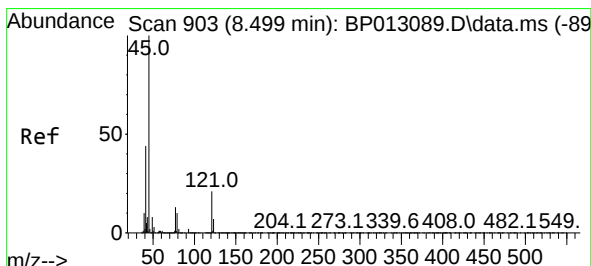
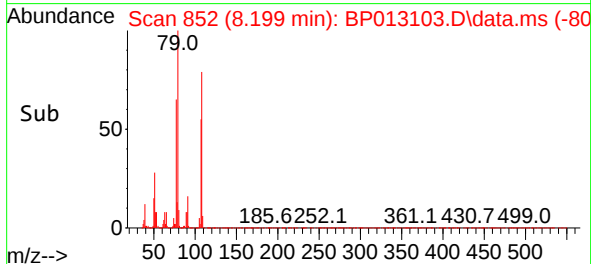
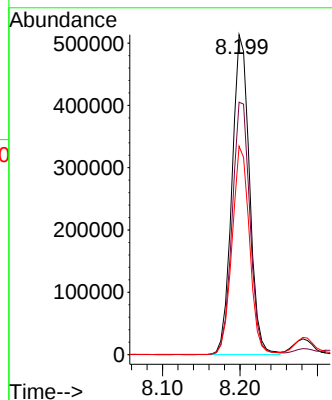
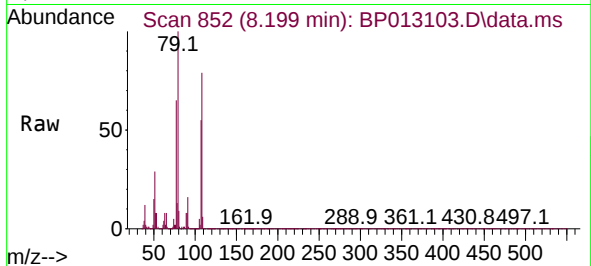
#15  
Benzyl Alcohol  
Concen: 35.478 ng  
RT: 8.199 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 806804  
Ion Ratio Lower Upper  
79 100  
108 78.9 65.3 97.9  
77 65.1 51.9 77.9

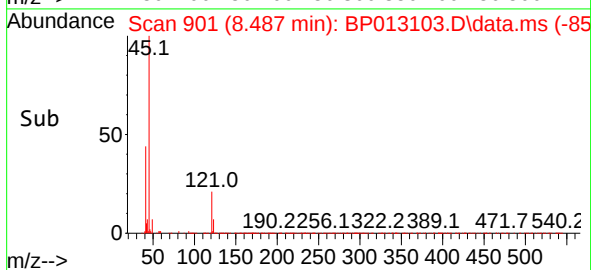
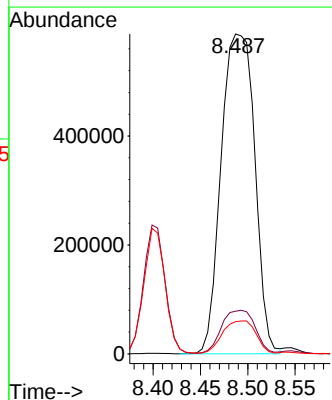
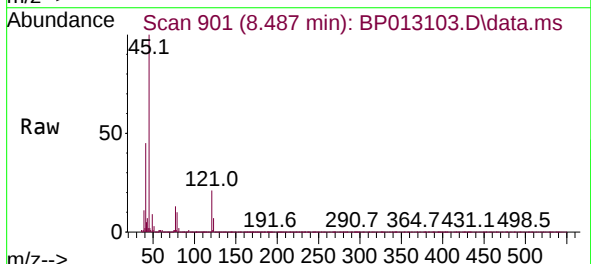
Manual Integrations  
APPROVED

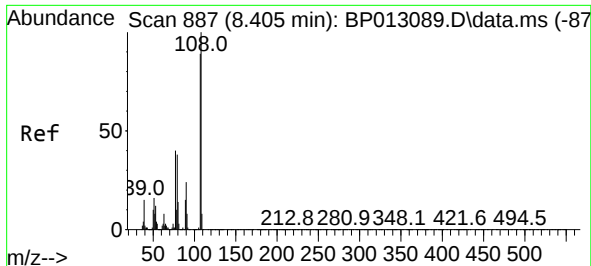
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.417 ng  
RT: 8.487 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

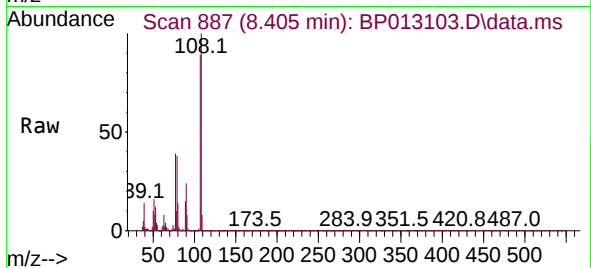
Tgt Ion: 45 Resp: 1449179  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 33.6  
79 10.1 0.0 30.6





#17  
2-Methylphenol  
Concen: 35.878 ng  
RT: 8.405 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

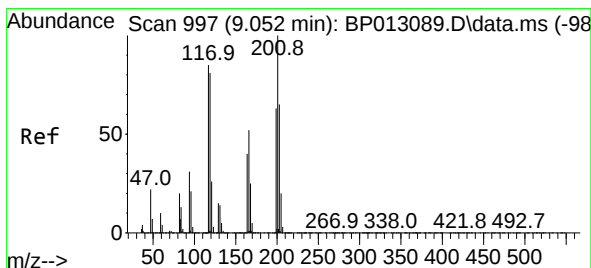
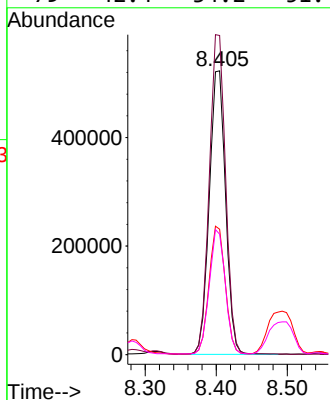
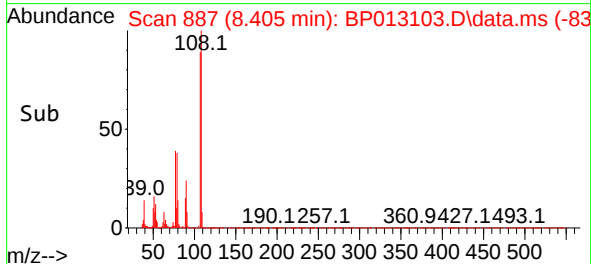
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.4 | 89.6  | 134.4 |
| 77      | 44.2  | 35.5  | 53.3  |
| 79      | 42.4  | 34.2  | 51.4  |

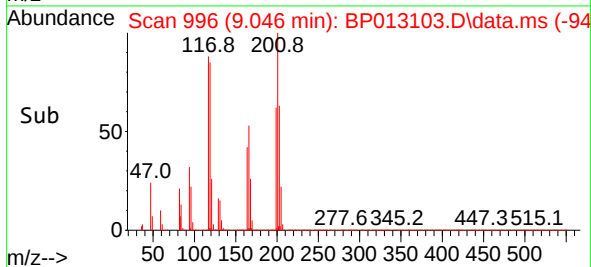
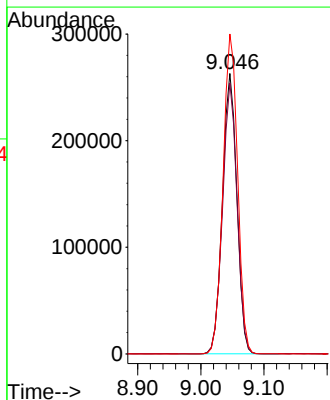
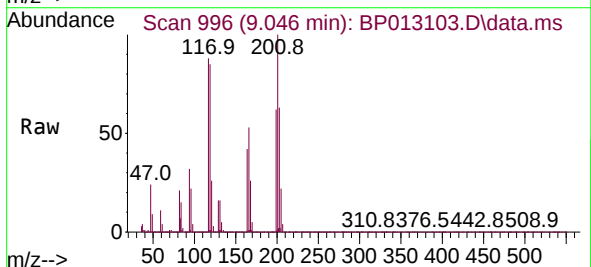
Manual Integrations  
APPROVED

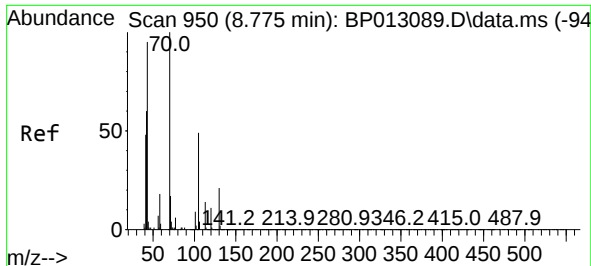
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#18  
Hexachloroethane  
Concen: 36.795 ng  
RT: 9.046 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

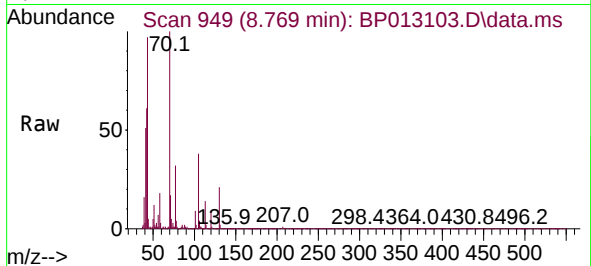
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.6  | 76.7  | 115.1 |
| 201     | 114.1 | 94.6  | 141.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 35.048 ng  
RT: 8.769 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

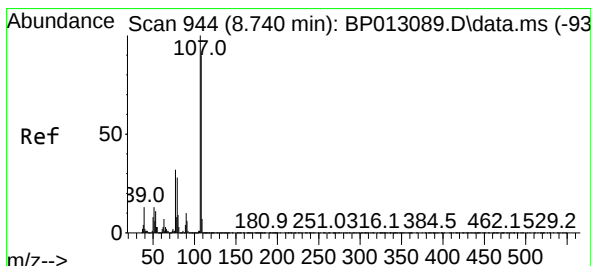
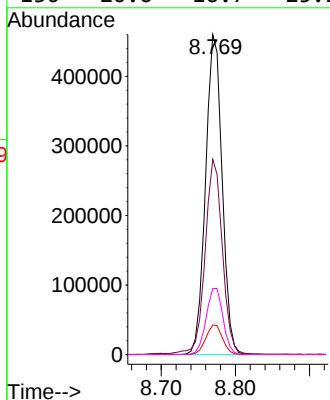
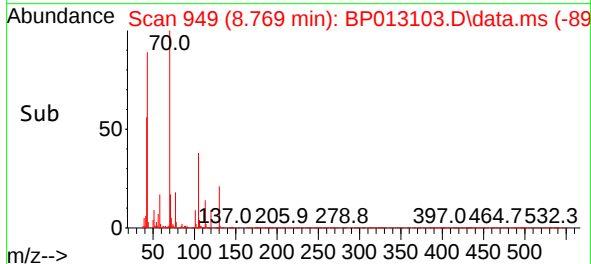
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



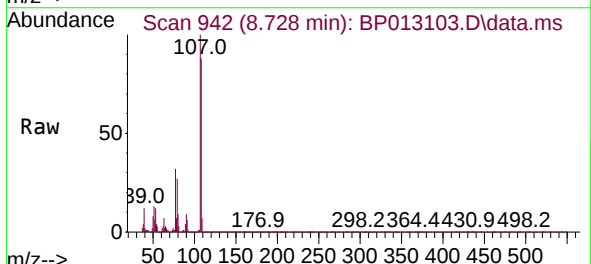
Tgt Ion: 70 Resp: 713564  
Ion Ratio Lower Upper  
70 100  
42 61.0 48.5 72.7  
101 9.3 7.4 11.2  
130 20.6 16.7 25.1

Manual Integrations  
APPROVED

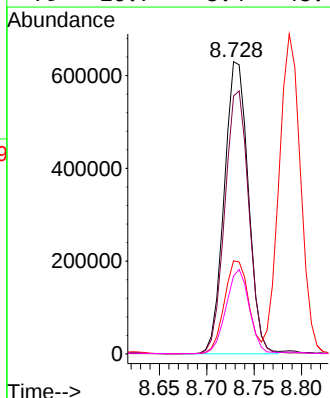
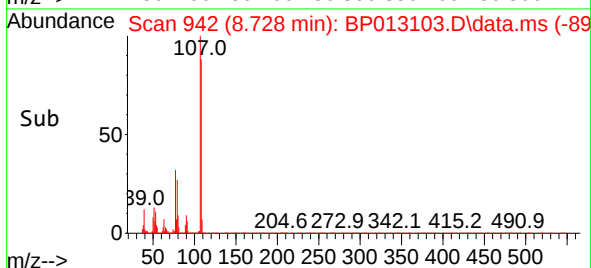
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

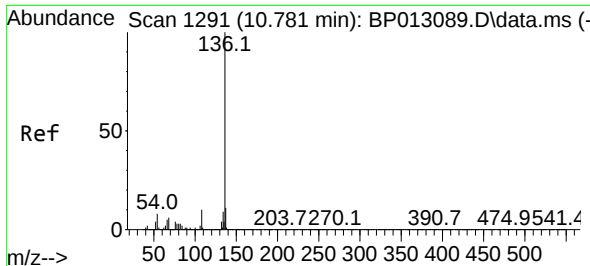


#20  
3+4-Methylphenols  
Concen: 35.301 ng  
RT: 8.728 min Scan# 942  
Delta R.T. -0.012 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



Tgt Ion:107 Resp: 1113129  
Ion Ratio Lower Upper  
107 100  
108 88.2 70.5 110.5  
77 31.9 12.2 52.2  
79 26.7 8.4 48.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

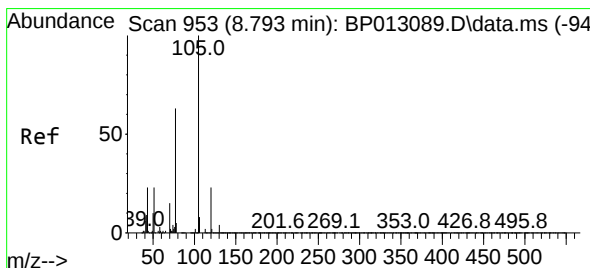
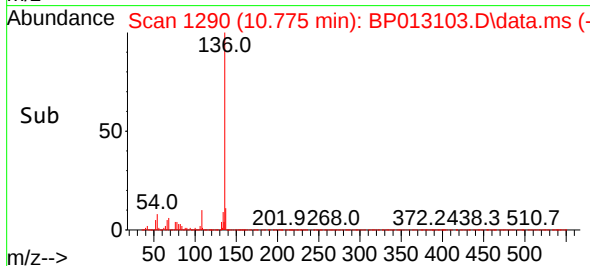
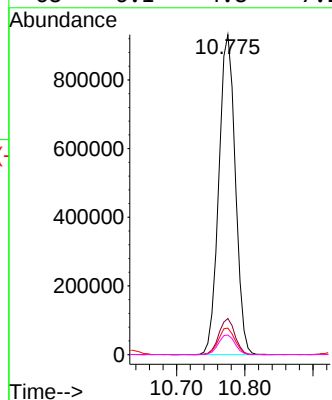
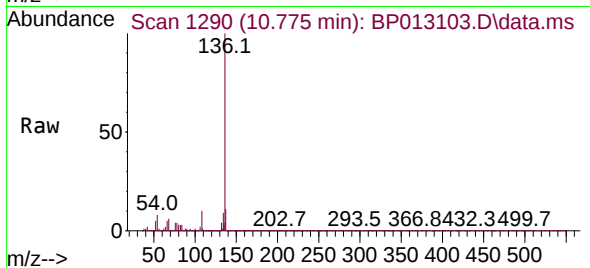
SSTDCCC040

Tgt Ion:136 Resp: 1556815  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 8.3 6.2 9.4  
68 6.1 4.8 7.2

Manual Integrations

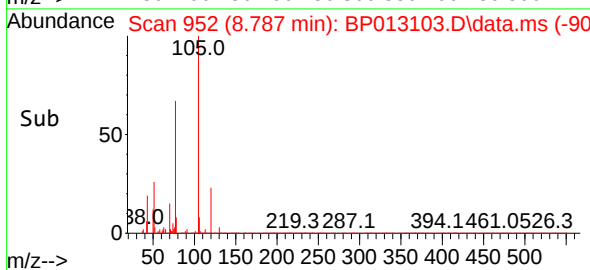
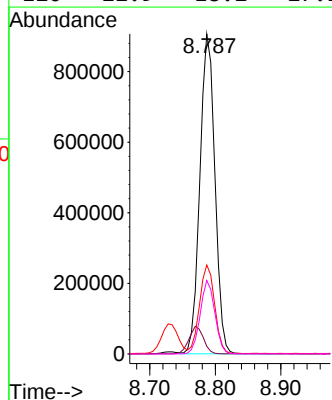
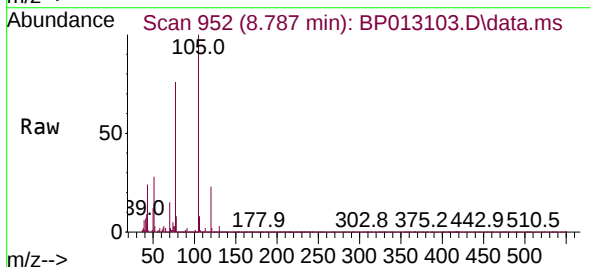
APPROVED

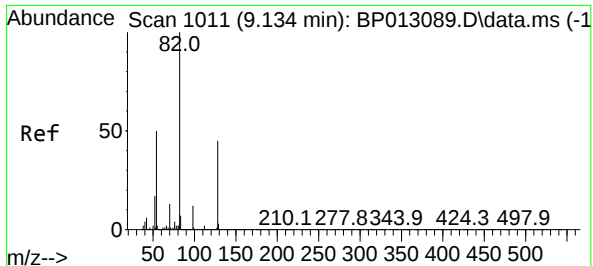
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#22  
Acetophenone  
Concen: 37.028 ng  
RT: 8.787 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:105 Resp: 1434479  
Ion Ratio Lower Upper  
105 100  
71 2.4 2.2 3.4  
51 27.8 21.5 32.3  
120 22.9 18.2 27.2





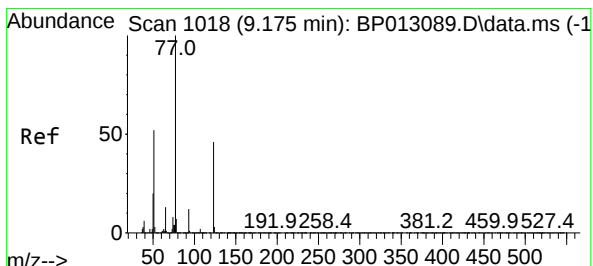
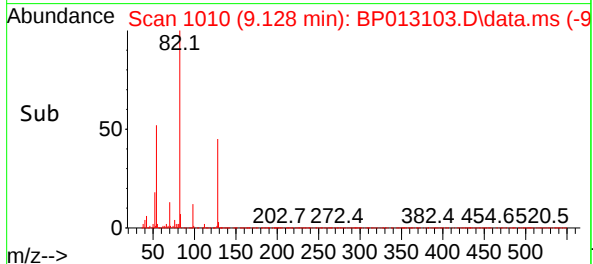
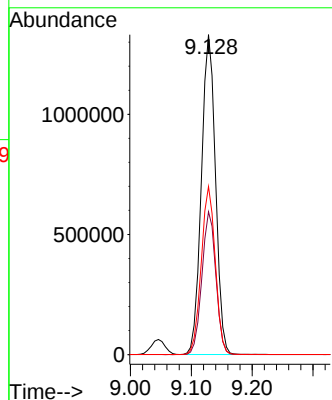
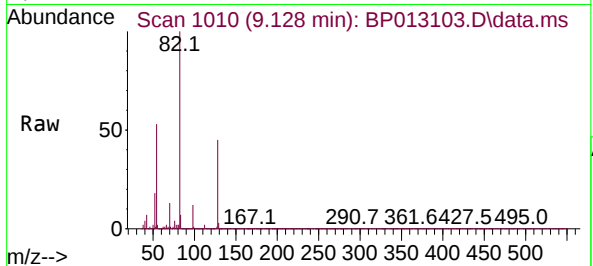
#23  
Nitrobenzene-d5  
Concen: 75.409 ng  
RT: 9.128 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 2141427  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.9 53.9  
54 52.5 40.4 60.6

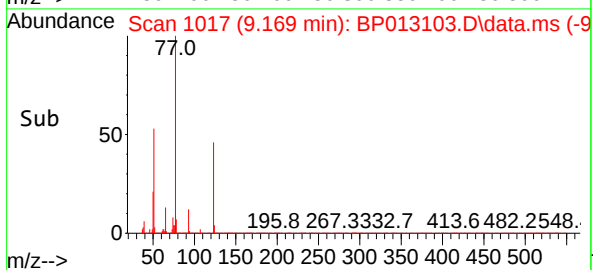
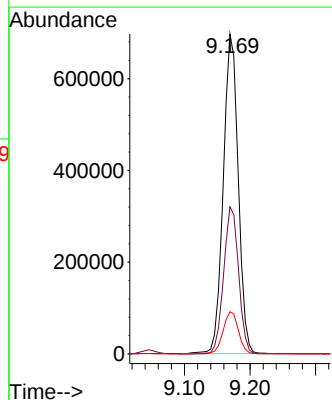
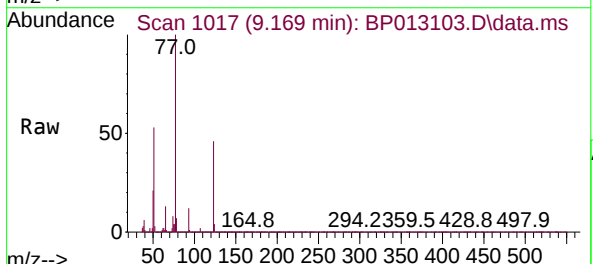
Manual Integrations  
APPROVED

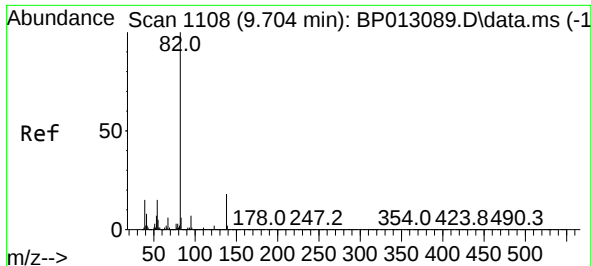
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#24  
Nitrobenzene  
Concen: 37.430 ng  
RT: 9.169 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

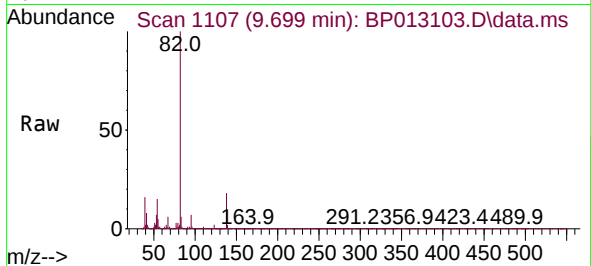
Tgt Ion: 77 Resp: 1107790  
Ion Ratio Lower Upper  
77 100  
123 45.9 37.0 55.4  
65 13.2 10.7 16.1





#25  
Isophorone  
Concen: 35.703 ng  
RT: 9.699 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

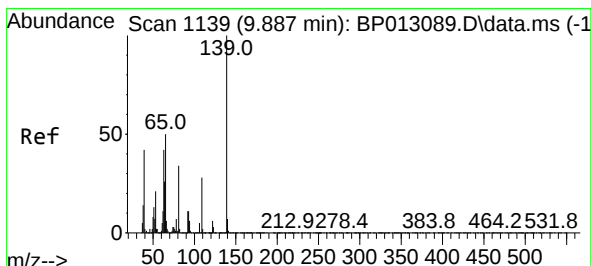
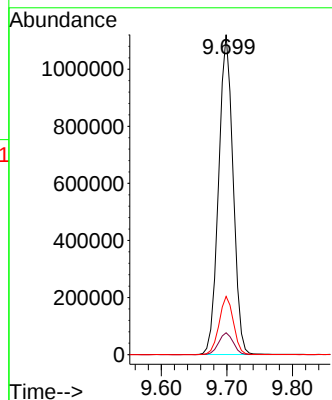
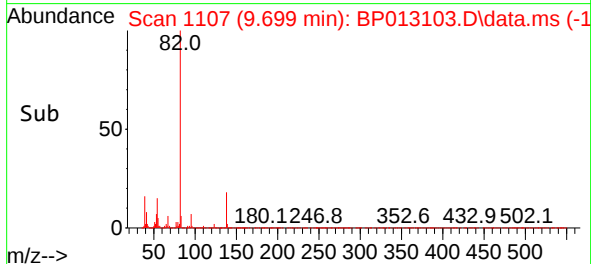
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 1721984  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.0  
138 18.2 14.5 21.7

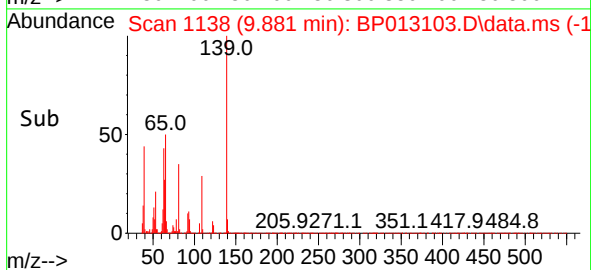
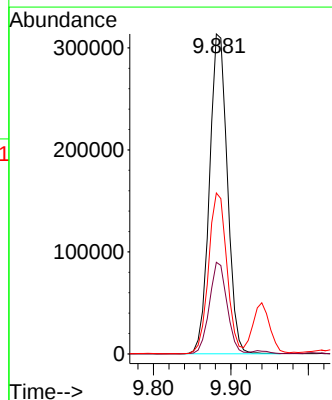
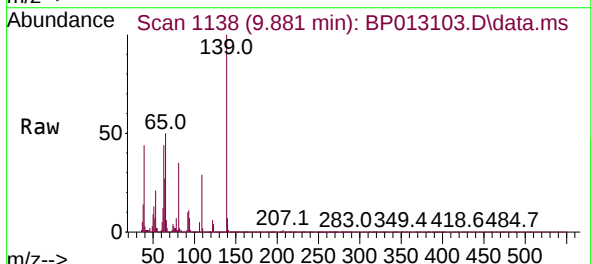
Manual Integrations  
APPROVED

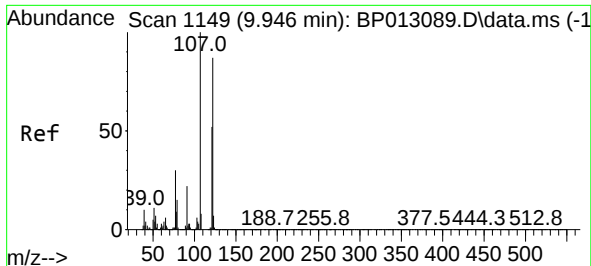
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#26  
2-Nitrophenol  
Concen: 34.252 ng  
RT: 9.881 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:139 Resp: 502473  
Ion Ratio Lower Upper  
139 100  
109 28.6 22.5 33.7  
65 50.3 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 36.757 ng

RT: 9.940 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP013103.D

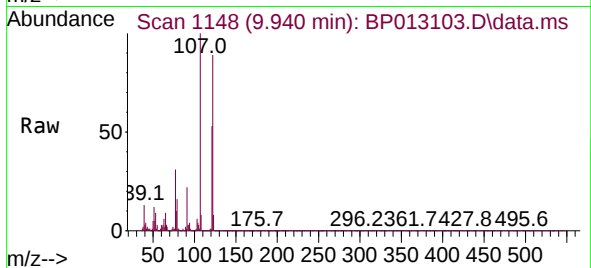
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 750128

Ion Ratio Lower Upper

122 100

107 111.9 91.1 136.7

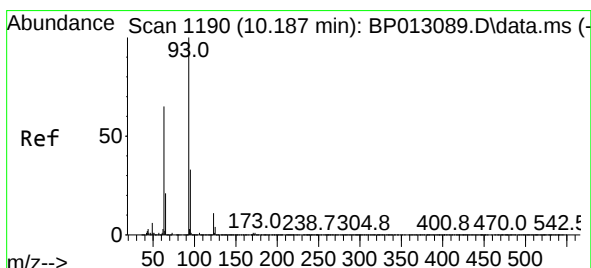
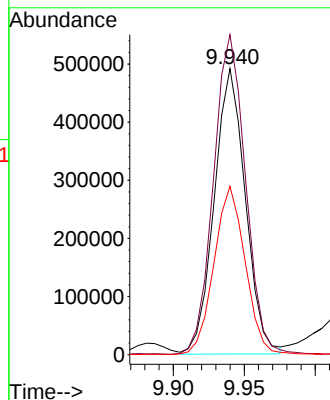
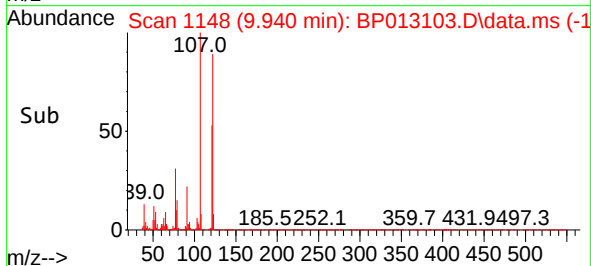
121 58.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 35.983 ng

RT: 10.181 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

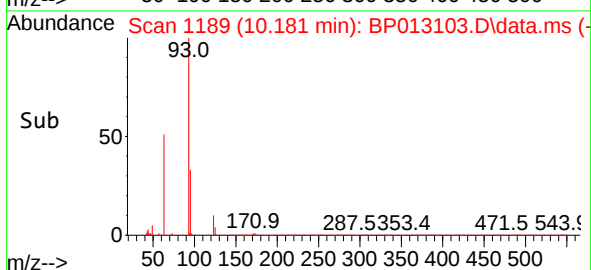
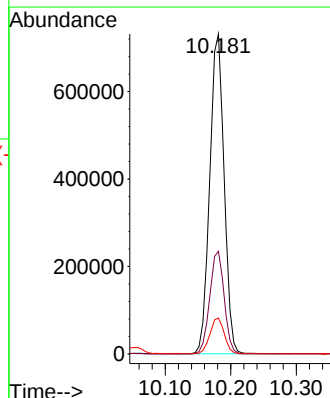
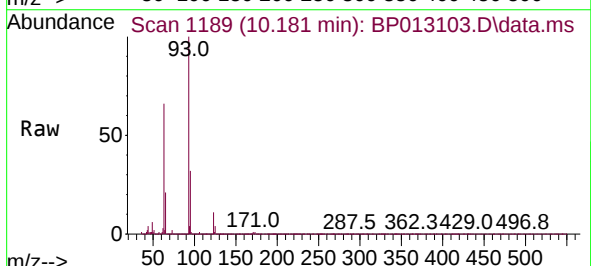
Tgt Ion: 93 Resp: 1112855

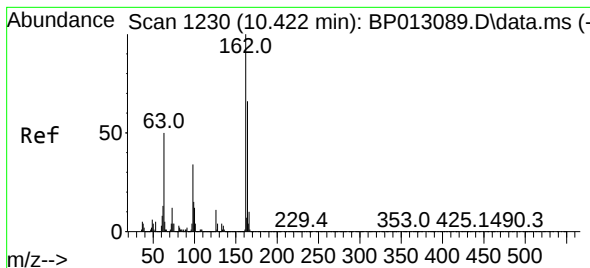
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.2 9.2 13.8





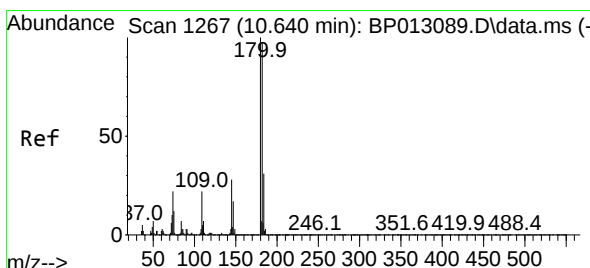
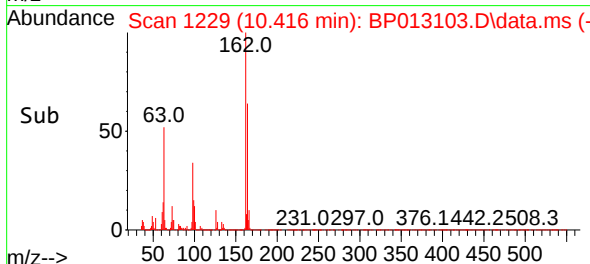
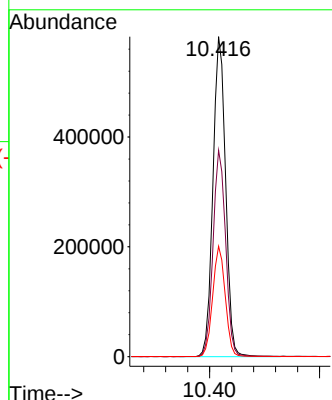
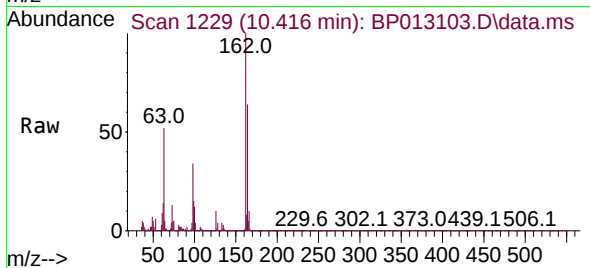
#29  
2,4-Dichlorophenol  
Concen: 36.907 ng  
RT: 10.416 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 929552  
Ion Ratio Lower Upper  
162 100  
164 64.5 45.8 85.8  
98 34.5 13.8 53.8

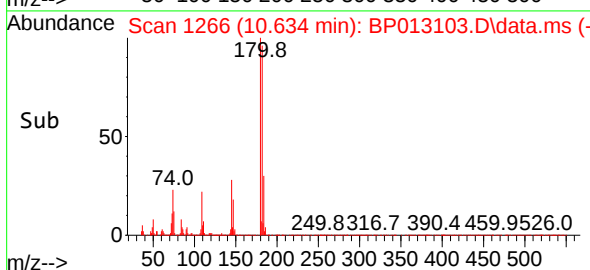
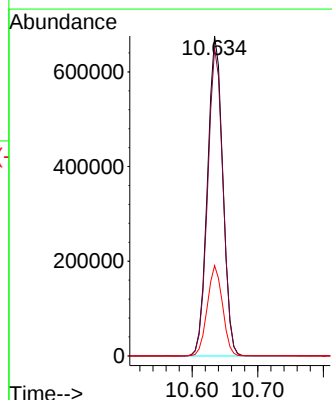
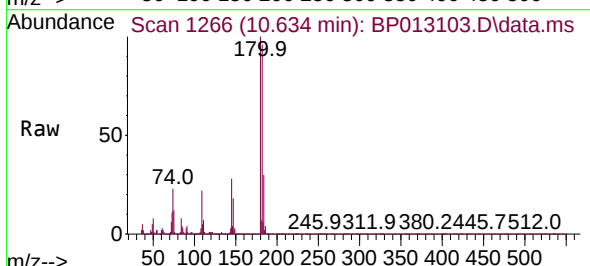
Manual Integrations  
APPROVED

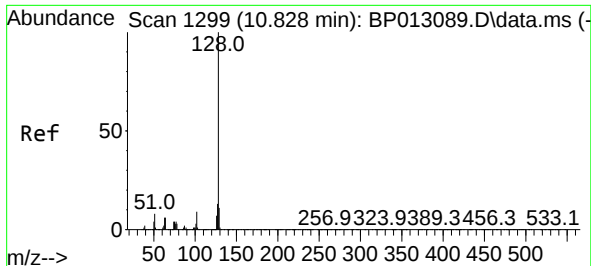
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 36.799 ng  
RT: 10.634 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

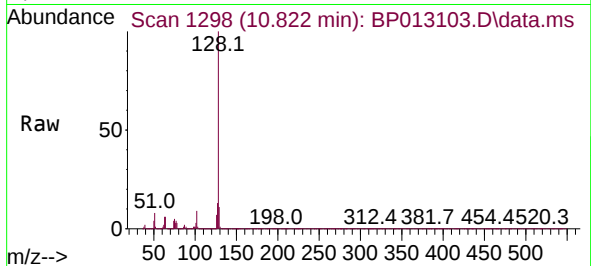
Tgt Ion:180 Resp: 1093943  
Ion Ratio Lower Upper  
180 100  
182 96.1 77.8 116.6  
145 28.2 22.6 33.8





#31  
Naphthalene  
Concen: 36.540 ng  
RT: 10.822 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

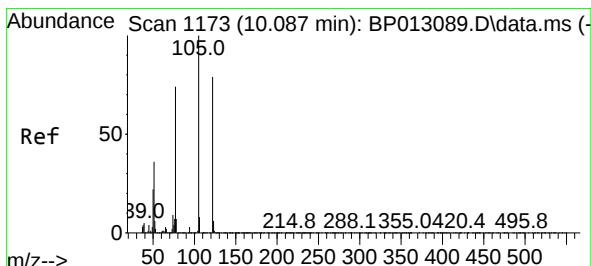
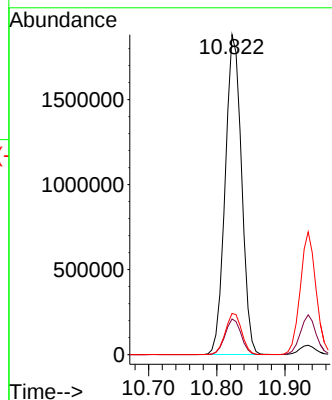
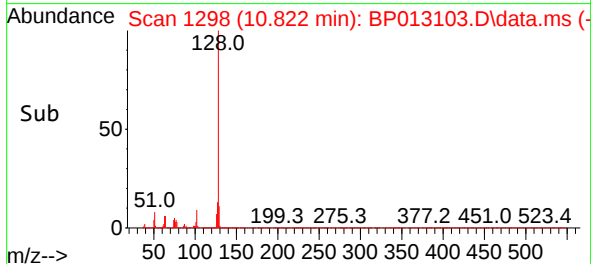
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 311482  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 12.9 10.4 15.6

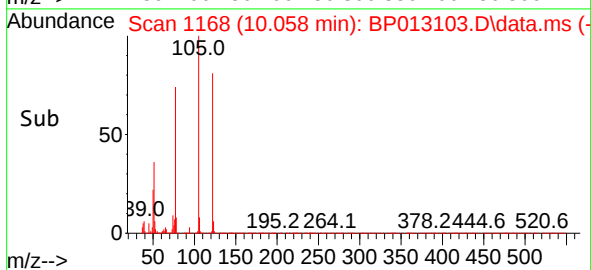
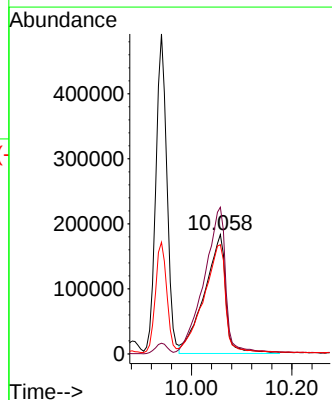
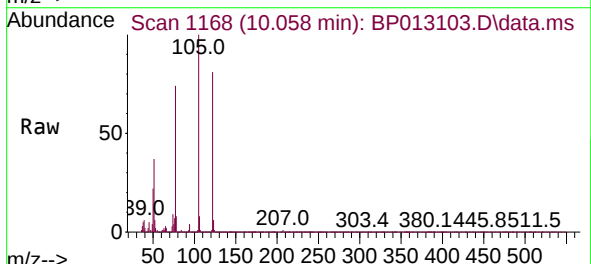
Manual Integrations  
APPROVED

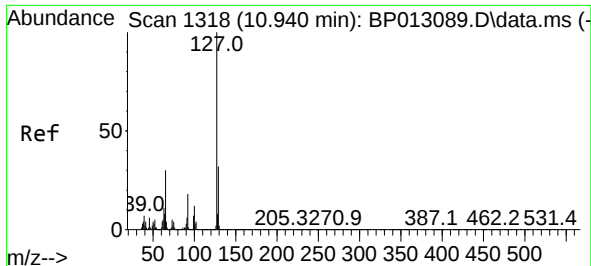
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#32  
Benzoic acid  
Concen: 32.583 ng m  
RT: 10.058 min Scan# 1168  
Delta R.T. -0.029 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:122 Resp: 544668  
Ion Ratio Lower Upper  
122 100  
105 123.0 101.9 141.9  
77 91.7 71.7 111.7





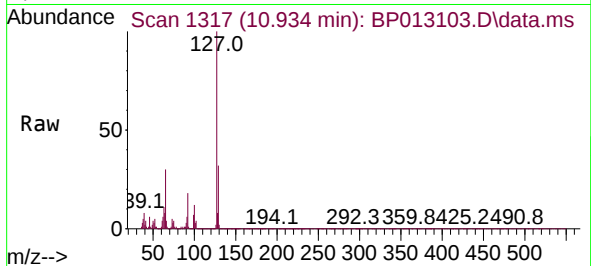
#33  
4-Chloroaniline  
Concen: 36.652 ng  
RT: 10.934 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

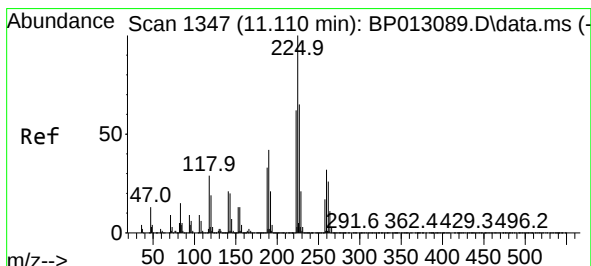
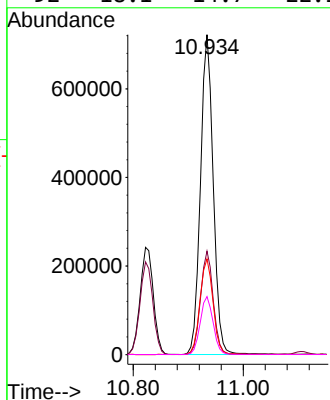
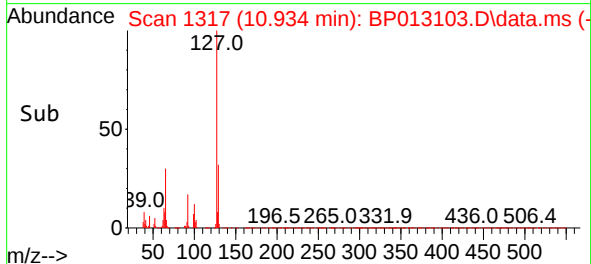


Tgt Ion:127 Resp: 1165226  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.5 38.3  
65 29.9 23.8 35.8  
92 18.1 14.7 22.1

Manual Integrations

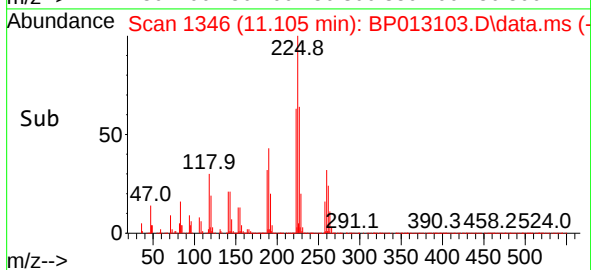
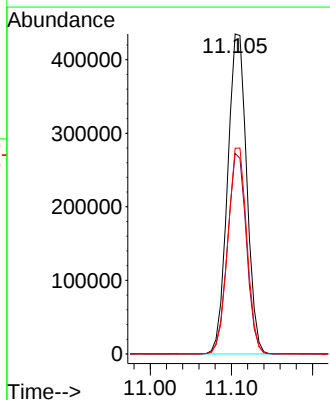
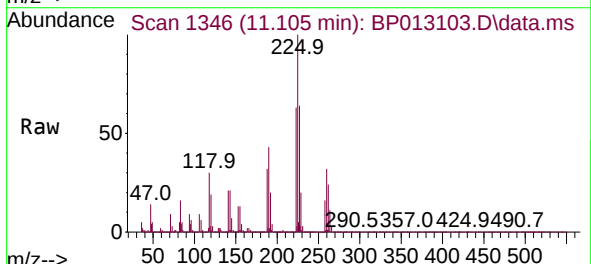
APPROVED

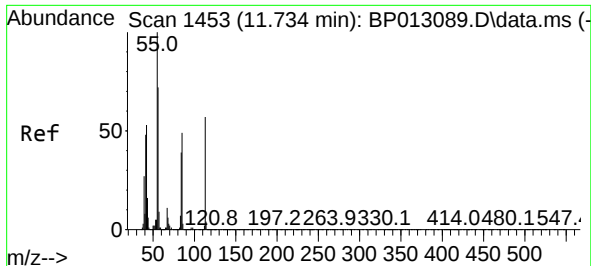
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#34  
Hexachlorobutadiene  
Concen: 37.522 ng  
RT: 11.105 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

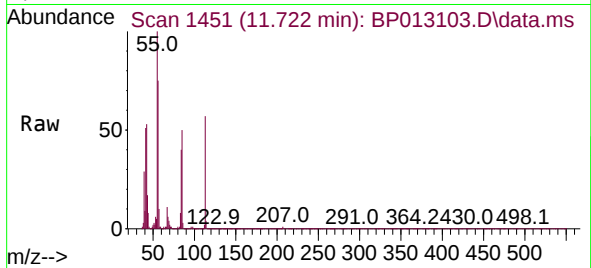
Tgt Ion:225 Resp: 711566  
Ion Ratio Lower Upper  
225 100  
223 62.7 49.4 74.0  
227 64.3 52.0 78.0





#35  
Caprolactam  
Concen: 34.084 ng  
RT: 11.722 min Scan# 1453  
Delta R.T. -0.012 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

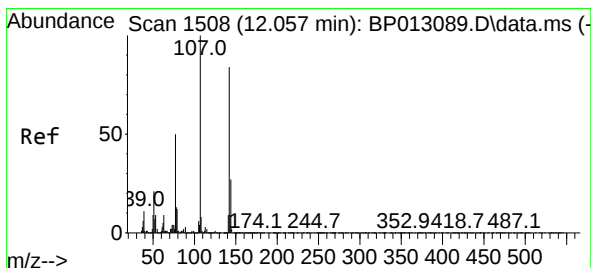
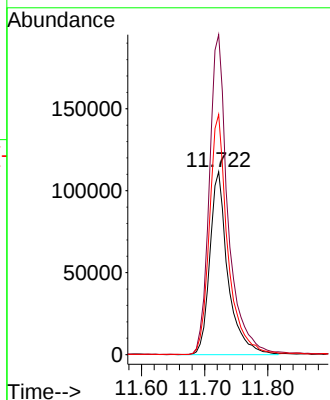
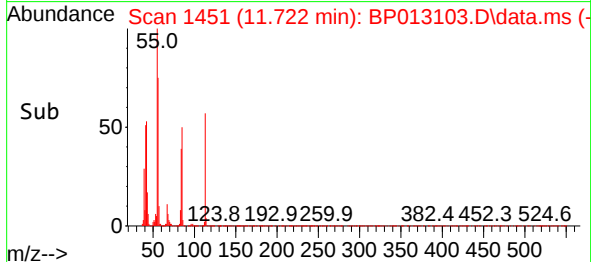
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 221653  
Ion Ratio Lower Upper  
113 100  
55 175.1 155.5 195.5  
56 131.3 106.7 146.7

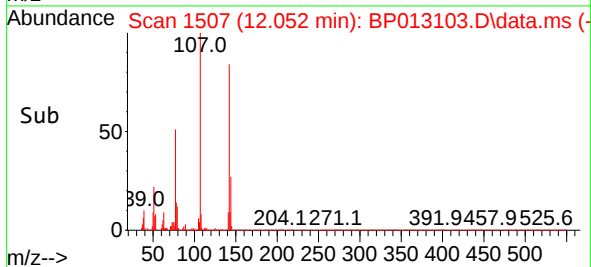
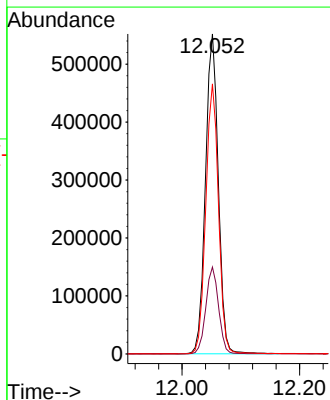
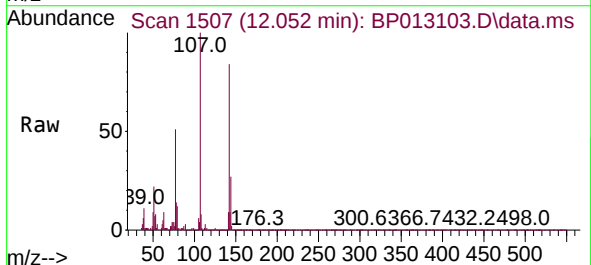
Manual Integrations  
APPROVED

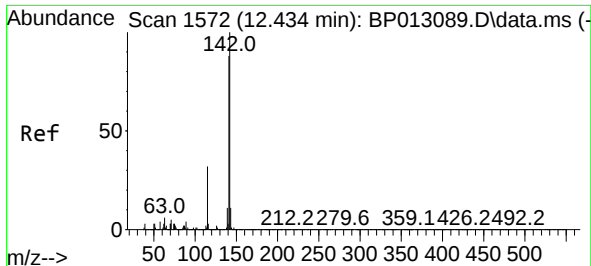
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#36  
4-Chloro-3-methylphenol  
Concen: 35.595 ng  
RT: 12.052 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:107 Resp: 837373  
Ion Ratio Lower Upper  
107 100  
144 27.2 21.5 32.3  
142 84.4 67.2 100.8





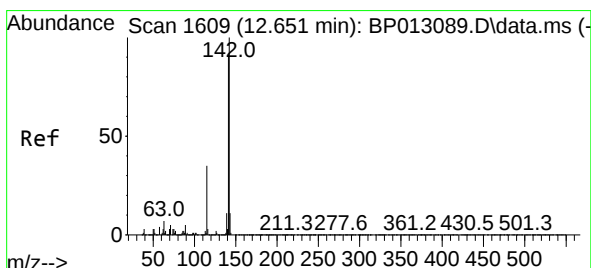
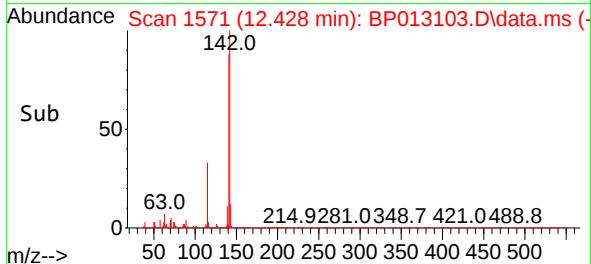
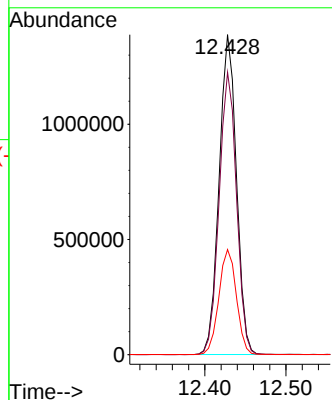
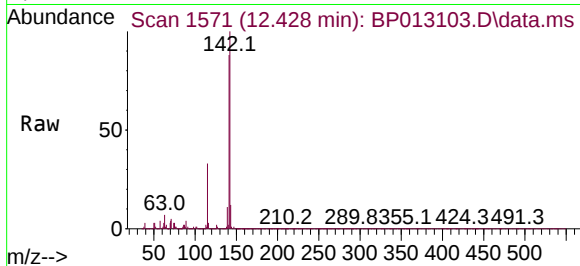
#37  
2-Methylnaphthalene  
Concen: 35.863 ng  
RT: 12.428 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 205594  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.4 105.6  
115 32.8 25.7 38.5

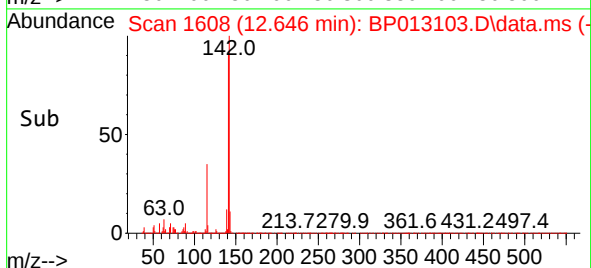
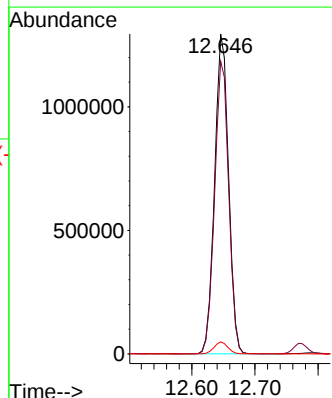
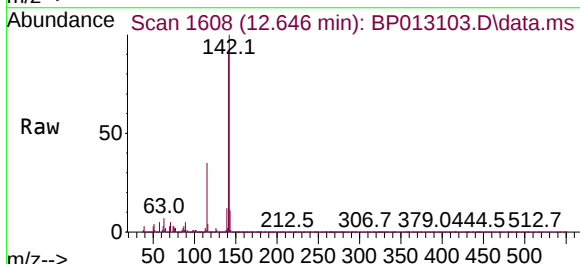
Manual Integrations  
APPROVED

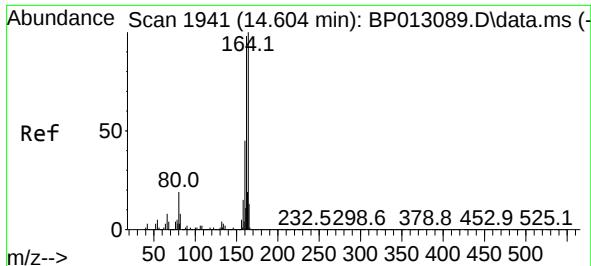
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#38  
1-Methylnaphthalene  
Concen: 35.634 ng  
RT: 12.646 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:142 Resp: 1989294  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.0 109.4  
116 3.8 2.8 4.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.598 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

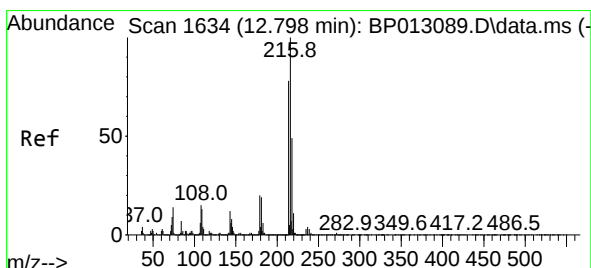
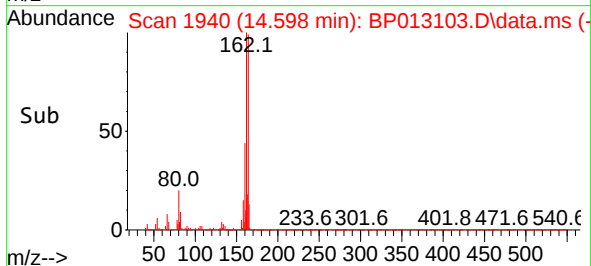
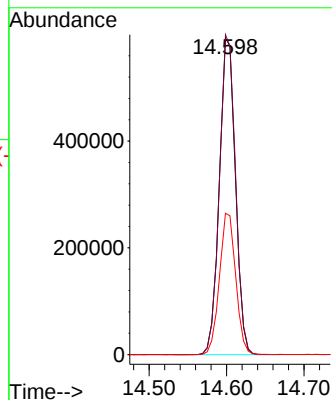
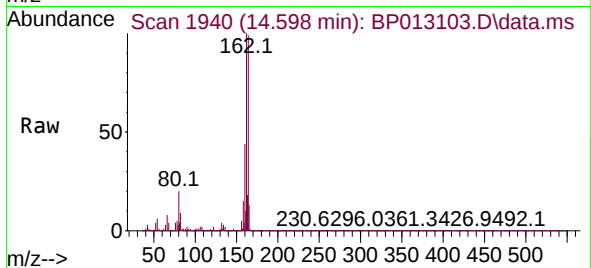
SSTDCCC040

Tgt Ion:164 Resp: 855139  
Ion Ratio Lower Upper  
164 100  
162 101.2 78.8 118.2  
160 44.7 36.0 54.0

Manual Integrations

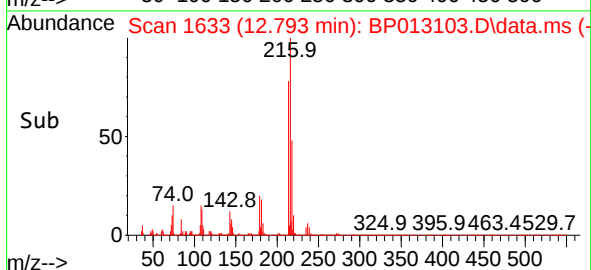
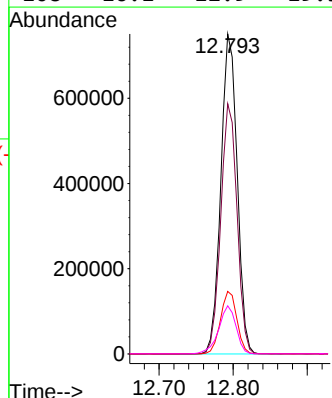
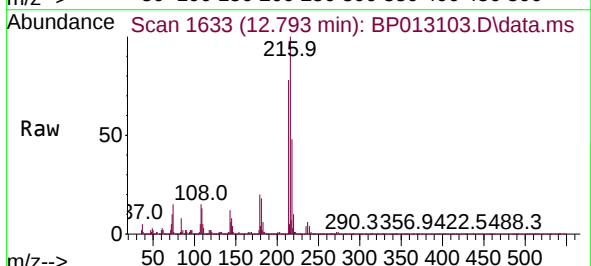
APPROVED

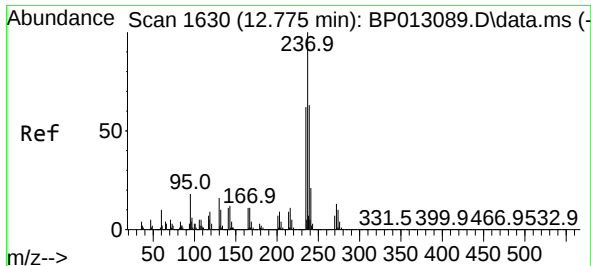
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.554 ng  
RT: 12.793 min Scan# 1633  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:216 Resp: 1145646  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.6 94.0  
179 19.6 15.7 23.5  
108 16.1 12.9 19.3





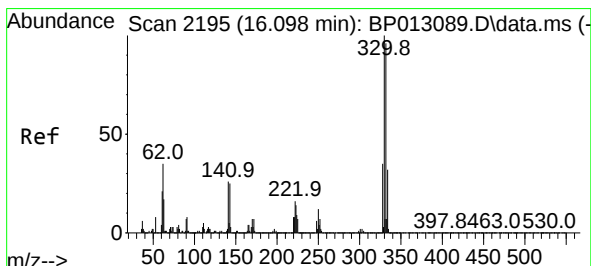
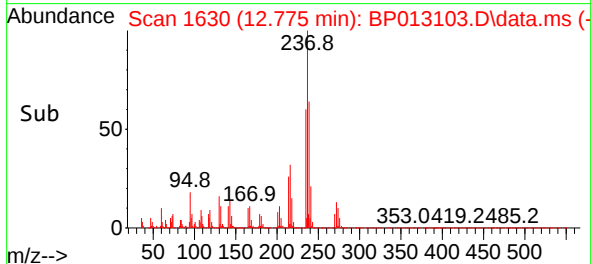
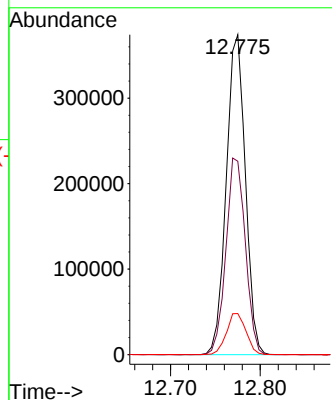
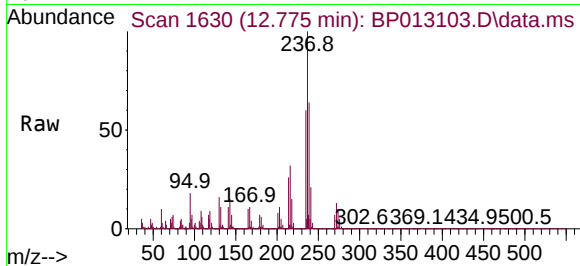
#41  
Hexachlorocyclopentadiene  
Concen: 36.138 ng  
RT: 12.775 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 555883  
Ion Ratio Lower Upper  
237 100  
235 60.4 41.8 81.8  
272 12.8 0.0 32.7

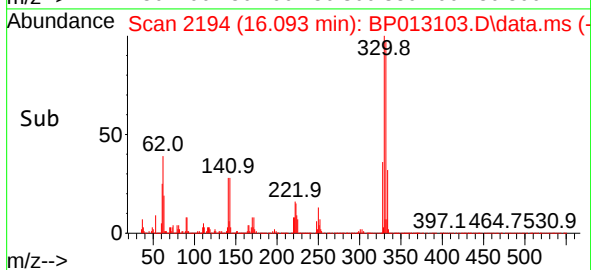
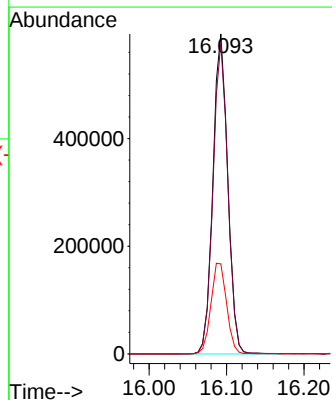
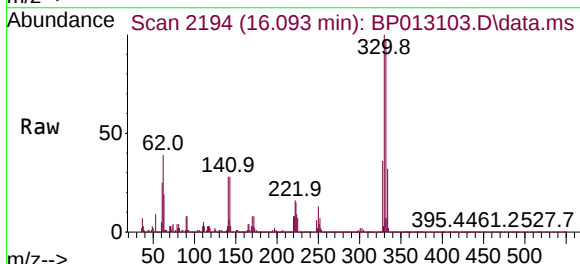
Manual Integrations  
APPROVED

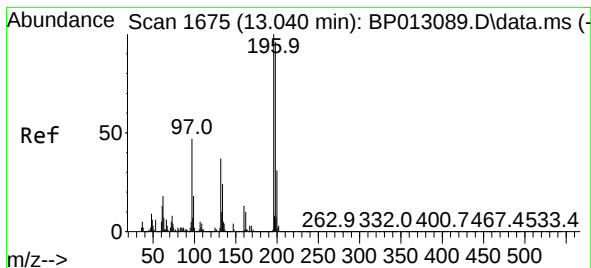
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#42  
2,4,6-Tribromophenol  
Concen: 76.653 ng  
RT: 16.093 min Scan# 2194  
Delta R.T. -0.005 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:330 Resp: 790312  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.5 116.3  
141 29.9 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 37.562 ng

RT: 13.034 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 722604

Ion Ratio Lower Upper

196 100

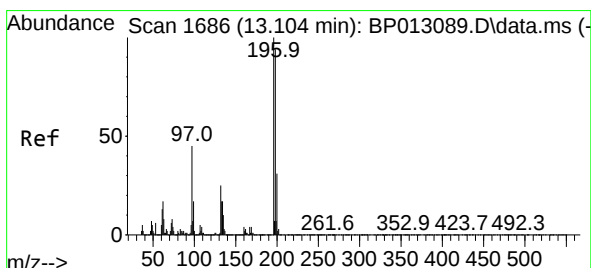
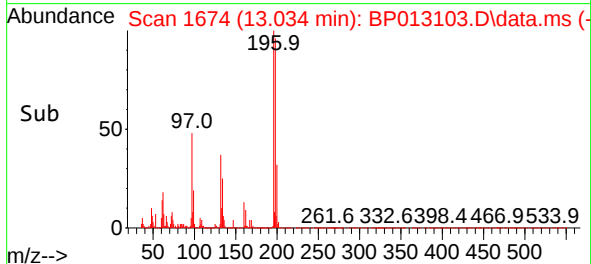
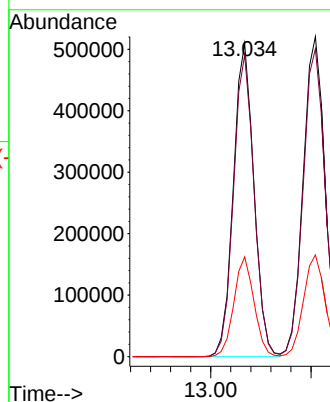
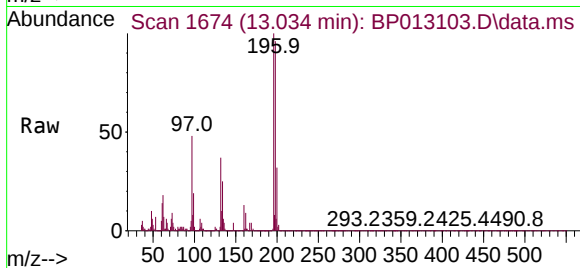
198 96.3 76.9 115.3

200 31.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#44

2,4,5-Trichlorophenol

Concen: 37.716 ng

RT: 13.104 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Tgt Ion:196 Resp: 783917

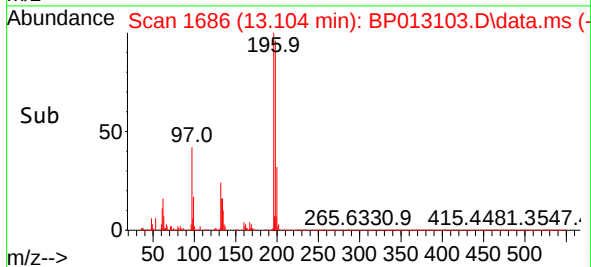
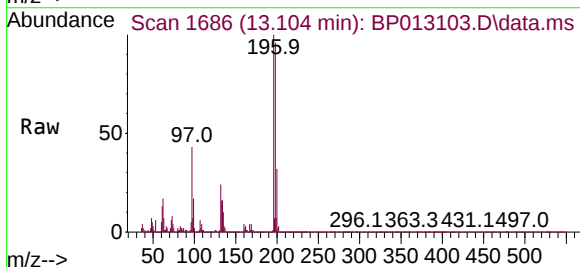
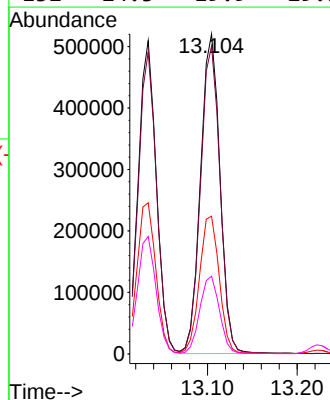
Ion Ratio Lower Upper

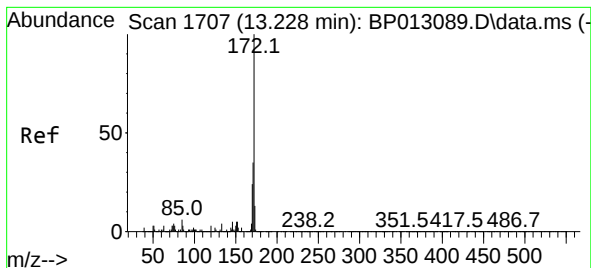
196 100

198 96.2 75.3 112.9

97 43.0 36.1 54.1

132 24.3 19.9 29.9





#45  
2-Fluorobiphenyl  
Concen: 76.089 ng  
RT: 13.222 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

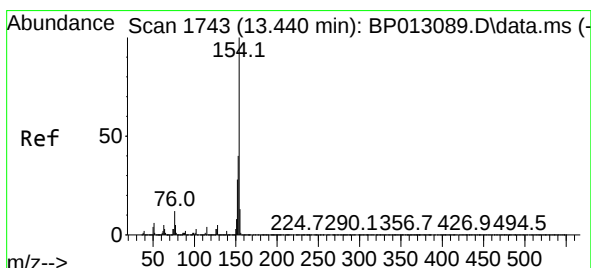
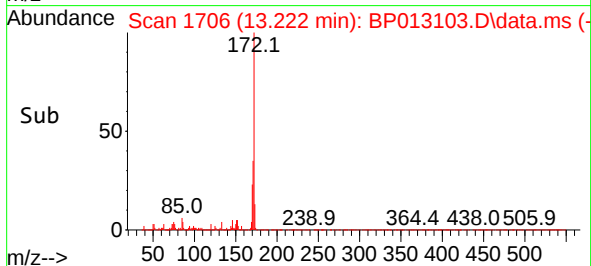
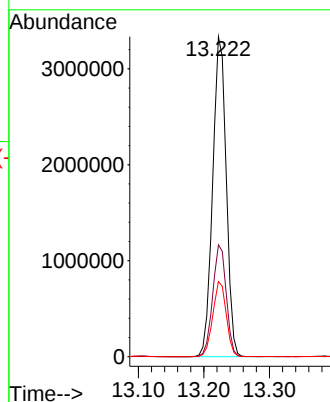
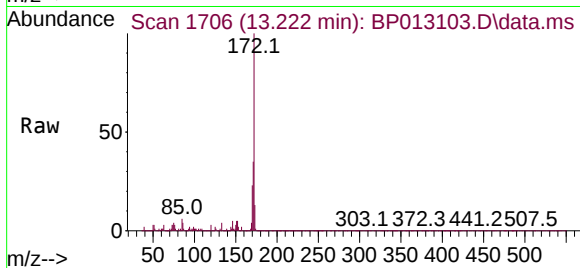
SSTDCCC040

Tgt Ion:172 Resp: 479215  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.3 42.5  
170 23.4 19.2 28.8

Manual Integrations

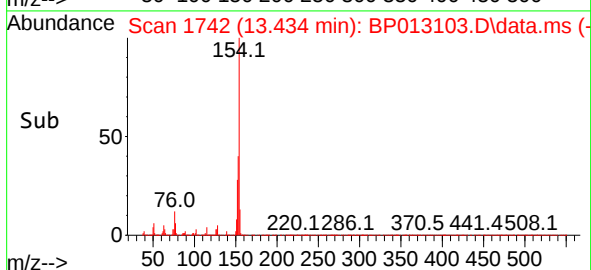
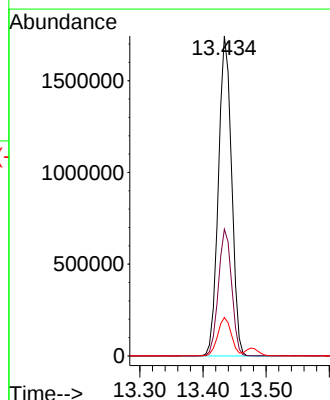
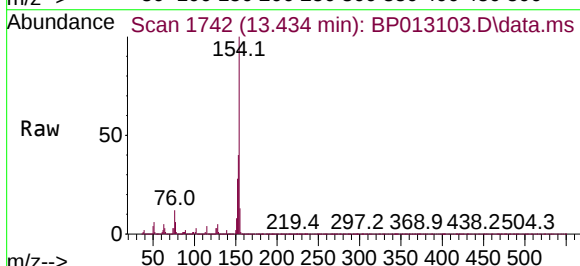
APPROVED

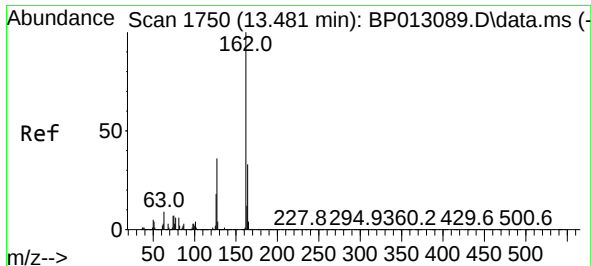
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#46  
1,1'-Biphenyl  
Concen: 37.368 ng  
RT: 13.434 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:154 Resp: 2526624  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.9 59.9  
76 12.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 37.551 ng

RT: 13.481 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 2017980

Ion Ratio Lower Upper

162 100

127 37.1 29.0 43.6

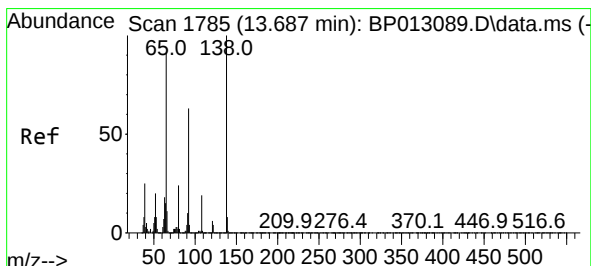
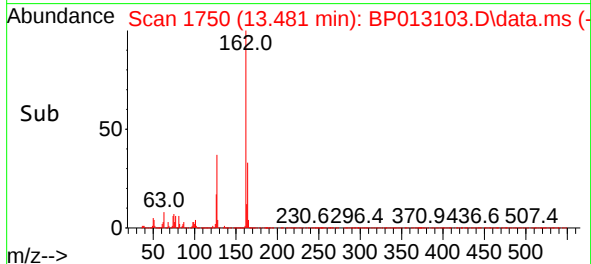
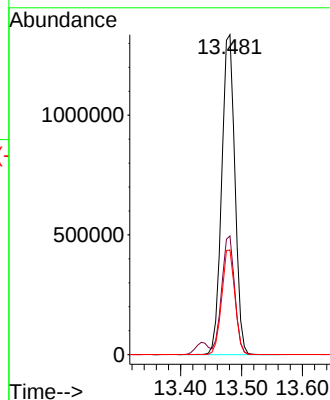
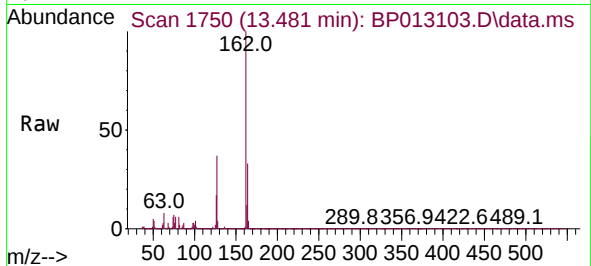
164 32.7 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#48

2-Nitroaniline

Concen: 36.283 ng

RT: 13.681 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

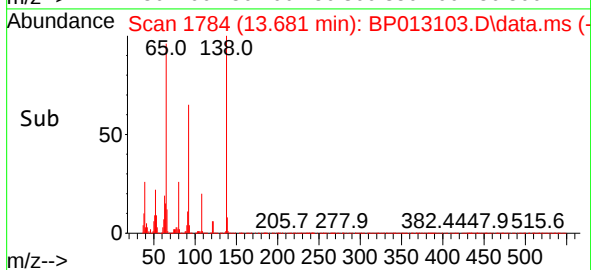
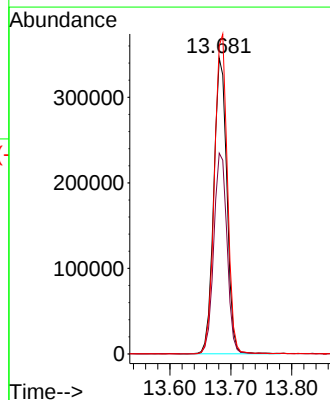
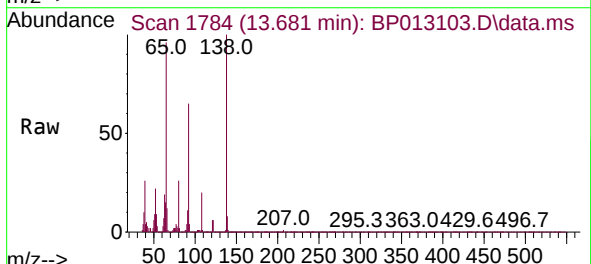
Tgt Ion: 65 Resp: 518968

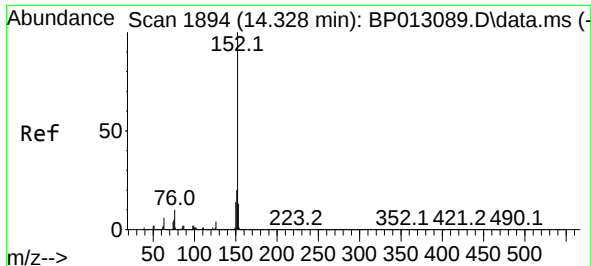
Ion Ratio Lower Upper

65 100

92 67.9 55.4 83.2

138 104.1 88.1 132.1





#49  
Acenaphthylene  
Concen: 38.114 ng  
RT: 14.322 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

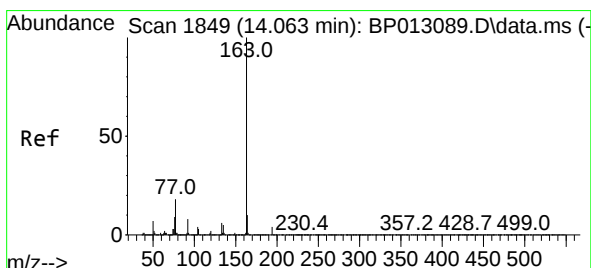
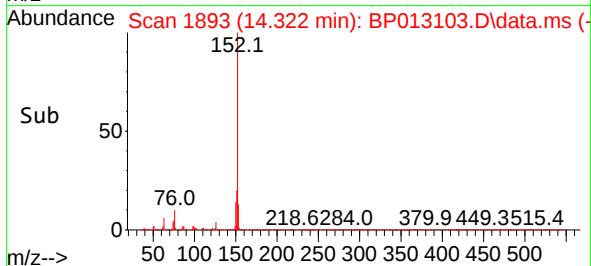
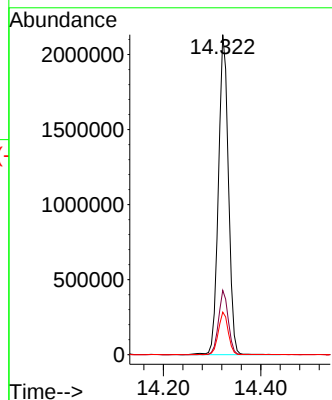
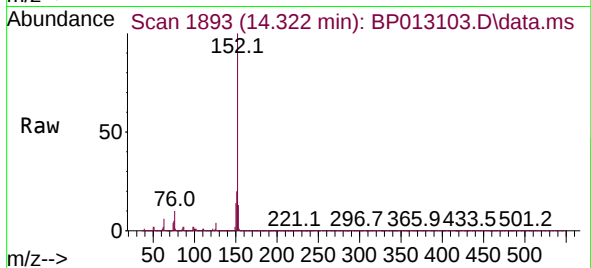
SSTDCCC040

Tgt Ion:152 Resp: 3012985  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.3 10.7 16.1

Manual Integrations

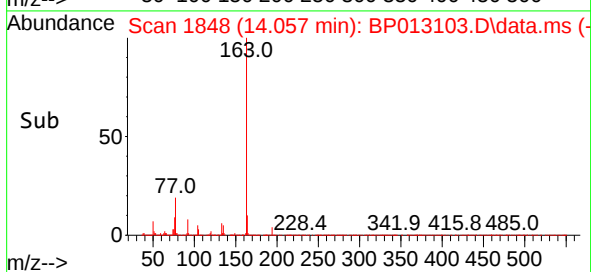
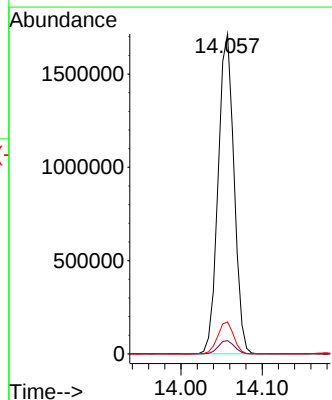
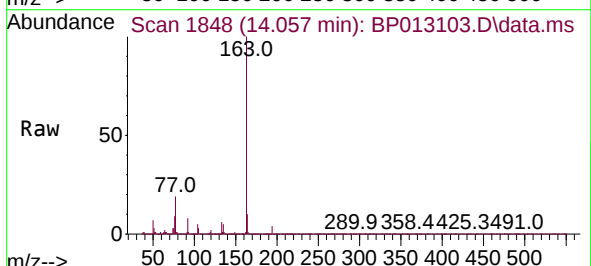
APPROVED

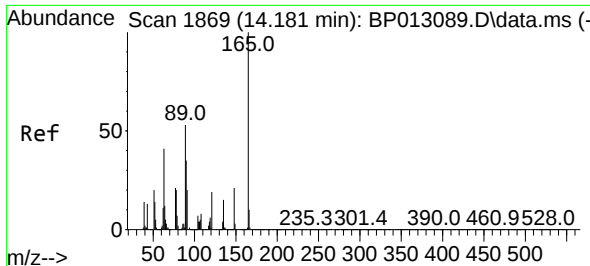
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#50  
Dimethylphthalate  
Concen: 37.162 ng  
RT: 14.057 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

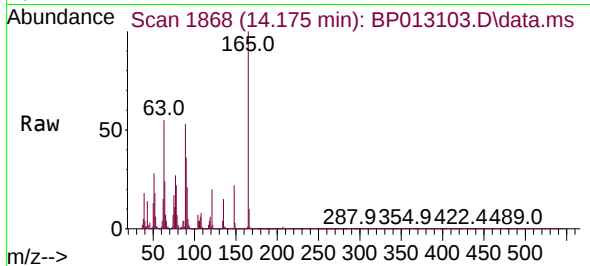
Tgt Ion:163 Resp: 2324431  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.5 5.3  
164 10.0 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 38.088 ng  
RT: 14.175 min Scan# 1868  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

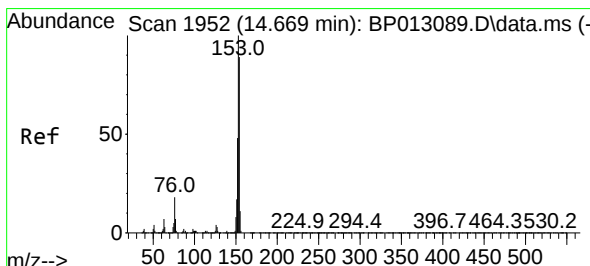
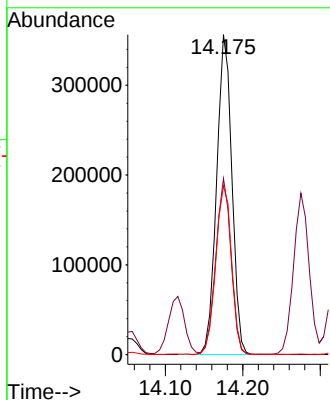
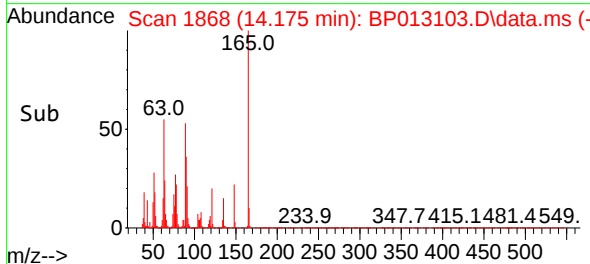
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 487511  
Ion Ratio Lower Upper  
165 100  
63 55.0 41.8 62.8  
89 52.8 42.4 63.6

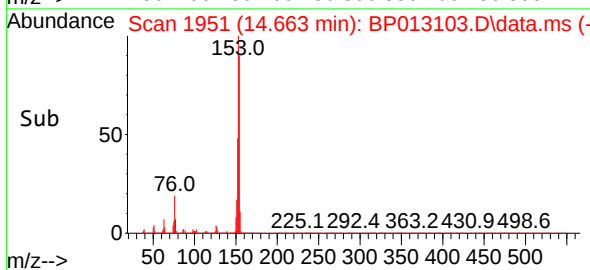
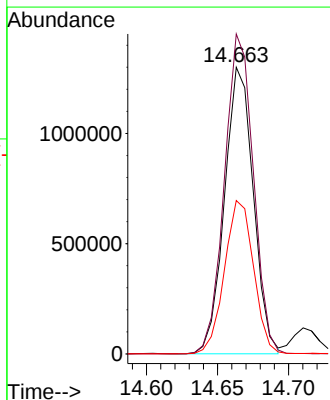
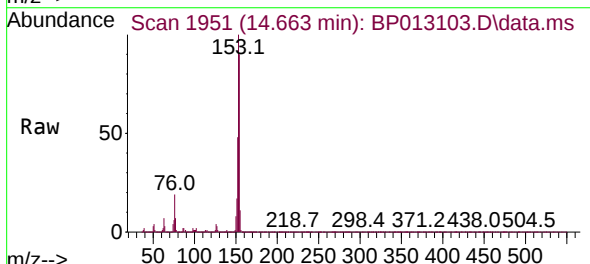
Manual Integrations  
APPROVED

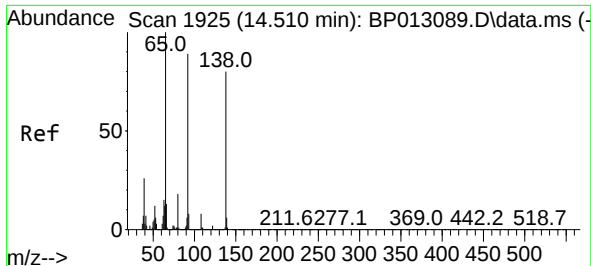
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#52  
Acenaphthene  
Concen: 37.310 ng  
RT: 14.663 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:154 Resp: 1833586  
Ion Ratio Lower Upper  
154 100  
153 111.7 90.0 135.0  
152 53.5 43.0 64.6





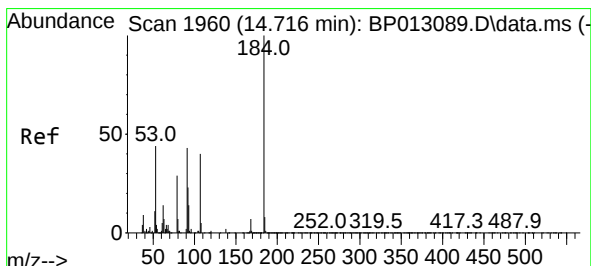
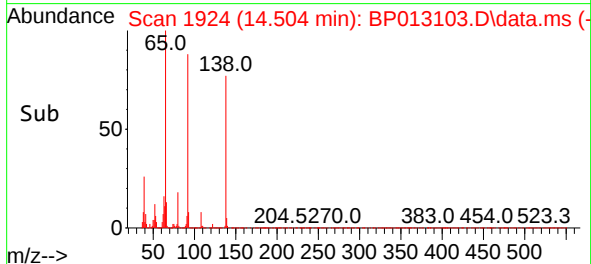
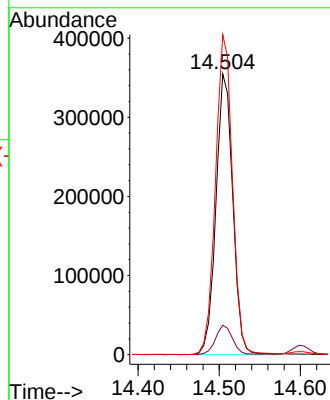
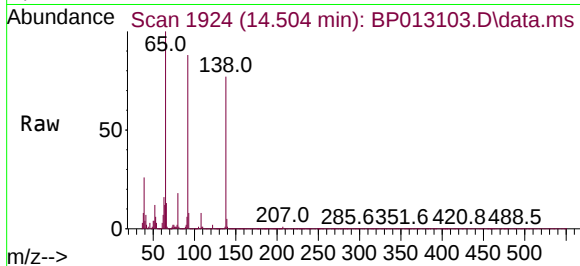
#53  
3-Nitroaniline  
Concen: 36.573 ng  
RT: 14.504 min Scan# 1924  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 510618  
Ion Ratio Lower Upper  
138 100  
108 10.5 7.8 11.6  
92 114.0 89.2 133.8

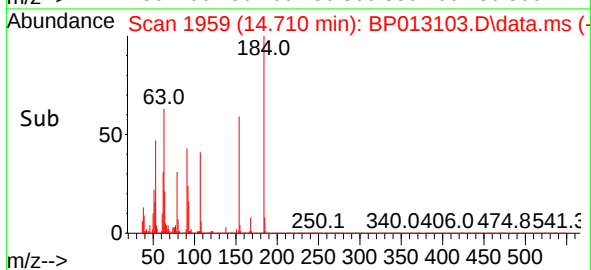
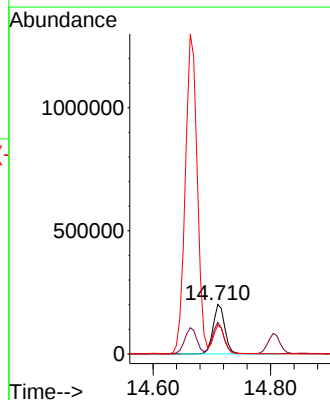
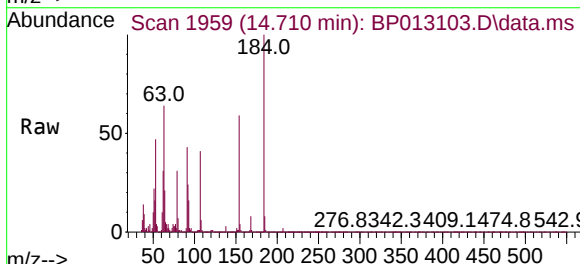
Manual Integrations  
APPROVED

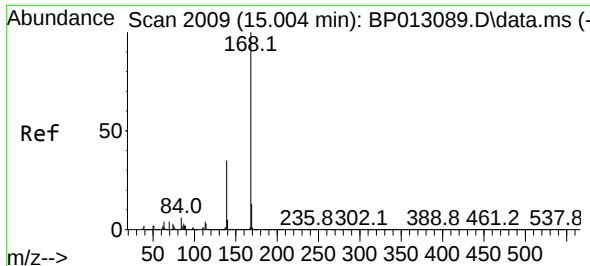
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#54  
2,4-Dinitrophenol  
Concen: 34.928 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

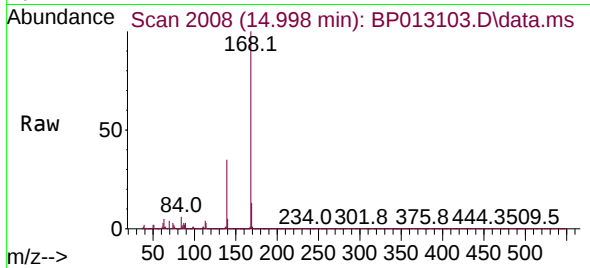
Tgt Ion:184 Resp: 278292  
Ion Ratio Lower Upper  
184 100  
63 63.6 47.6 71.4  
154 58.6 45.5 68.3





#55  
Dibenzenofuran  
Concen: 37.313 ng  
RT: 14.998 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

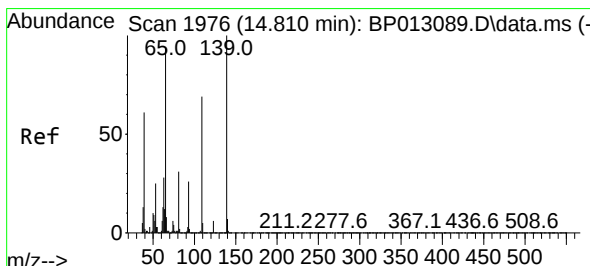
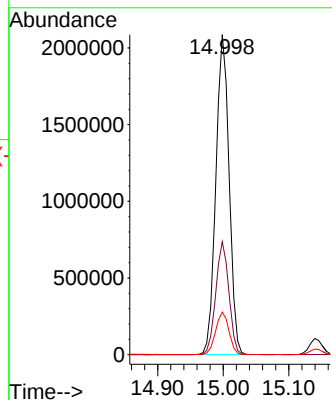
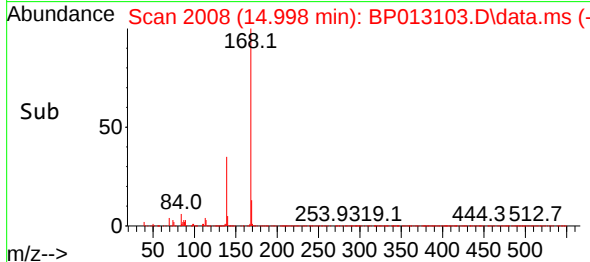
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 2934488  
Ion Ratio Lower Upper  
168 100  
139 35.3 27.8 41.8  
169 13.3 10.7 16.1

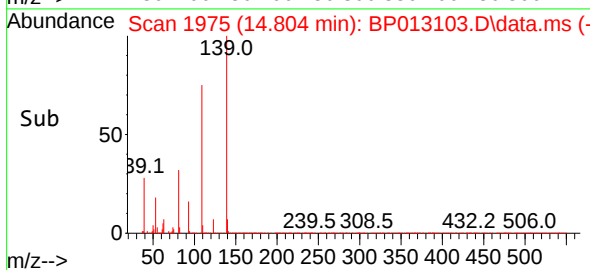
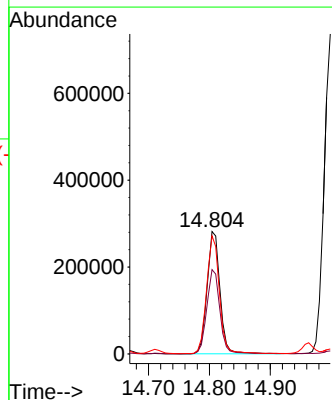
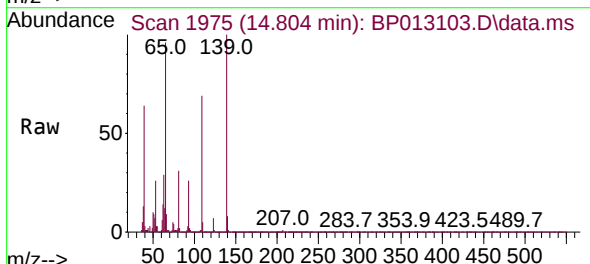
Manual Integrations  
APPROVED

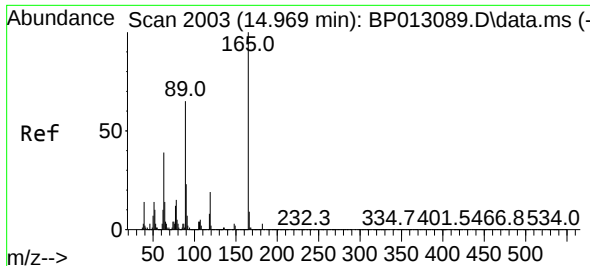
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#56  
4-Nitrophenol  
Concen: 38.645 ng  
RT: 14.804 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:139 Resp: 413365  
Ion Ratio Lower Upper  
139 100  
109 68.9 49.4 89.4  
65 96.4 74.1 114.1





#57  
2,4-Dinitrotoluene  
Concen: 36.471 ng  
RT: 14.963 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

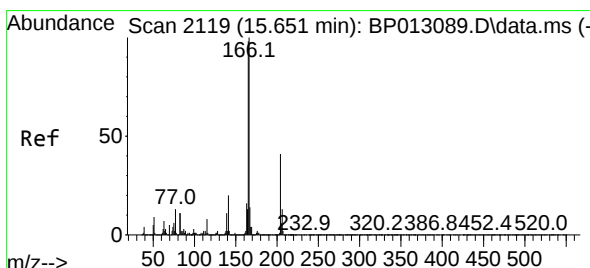
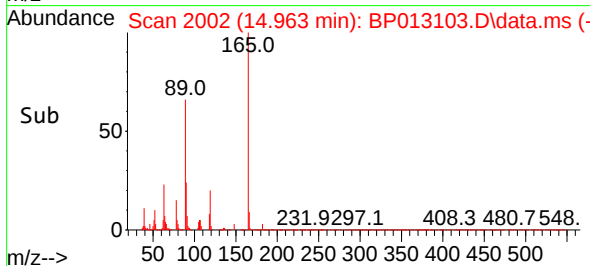
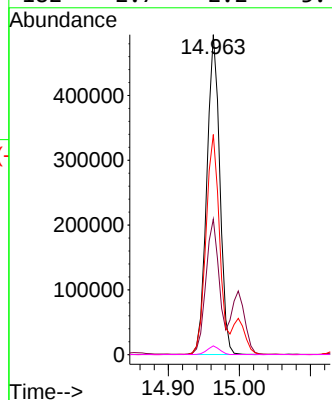
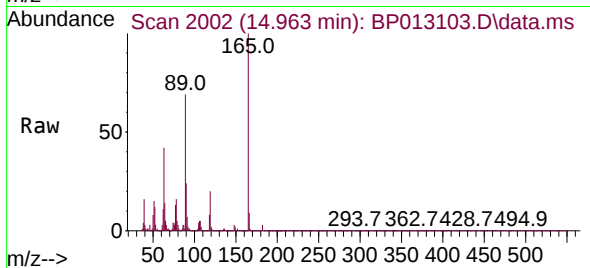
SSTDCCC040

Tgt Ion:165 Resp: 627393  
Ion Ratio Lower Upper  
165 100  
63 42.3 31.4 47.2  
89 68.8 52.1 78.1  
182 2.7 2.2 3.4

Manual Integrations

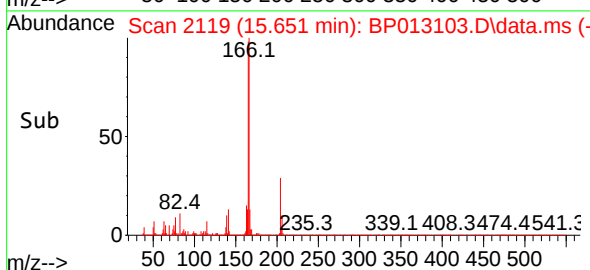
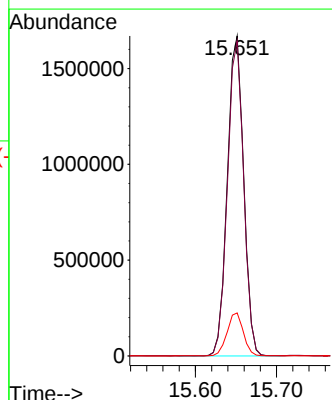
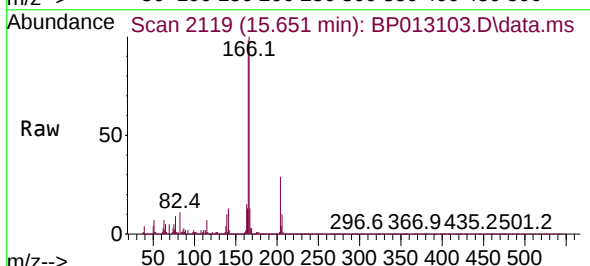
APPROVED

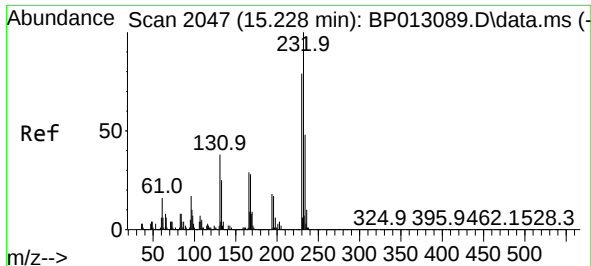
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#58  
Fluorene  
Concen: 38.288 ng  
RT: 15.651 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:166 Resp: 2330602  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.2 117.4  
167 13.4 11.2 16.8





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.156 ng  
RT: 15.222 min Scan# 2046  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

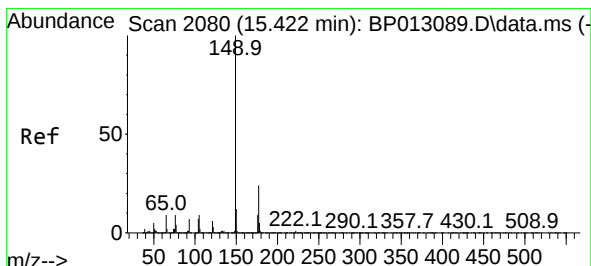
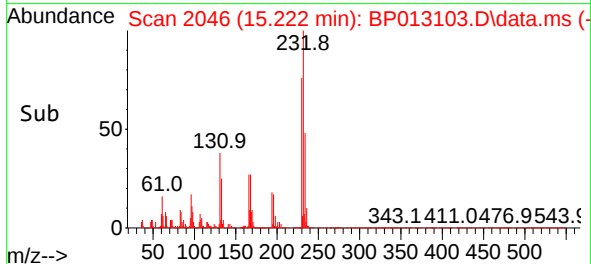
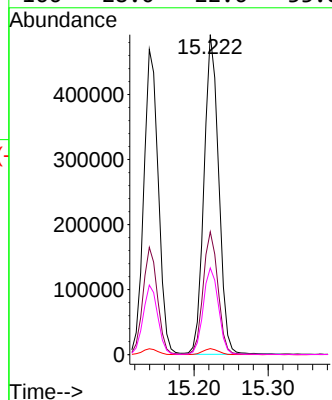
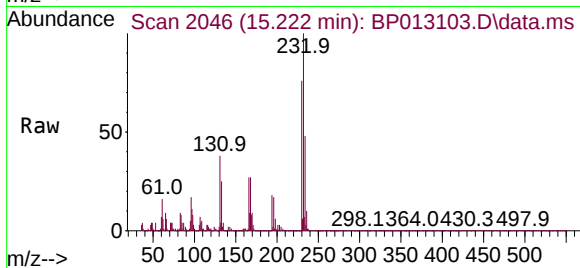
SSTDCCC040

Tgt Ion:232 Resp: 677908  
Ion Ratio Lower Upper  
232 100  
131 38.9 30.8 46.2  
130 2.0 1.7 2.5  
166 28.0 22.6 33.8

Manual Integrations

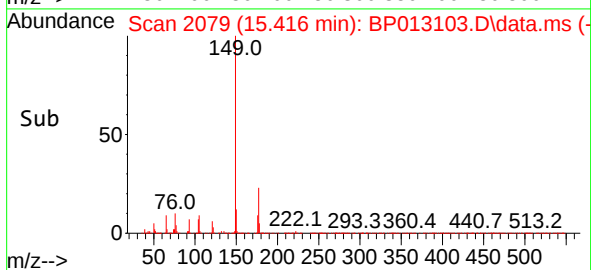
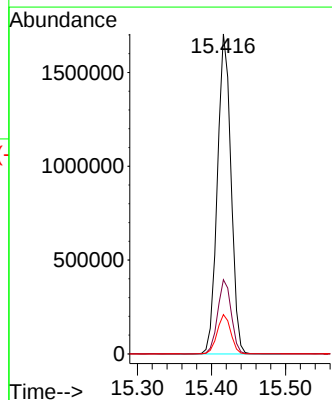
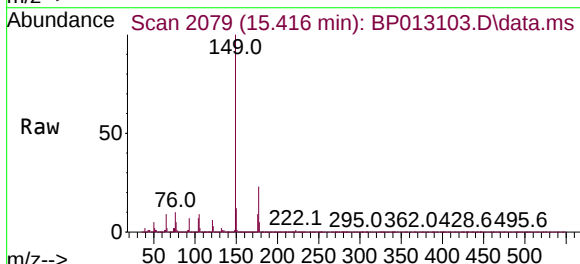
APPROVED

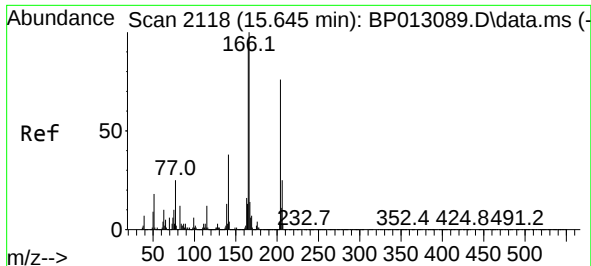
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#60  
Diethylphthalate  
Concen: 37.696 ng  
RT: 15.416 min Scan# 2079  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:149 Resp: 2167604  
Ion Ratio Lower Upper  
149 100  
177 23.2 19.0 28.4  
150 12.3 9.9 14.9





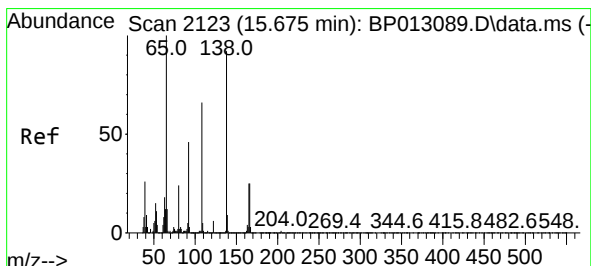
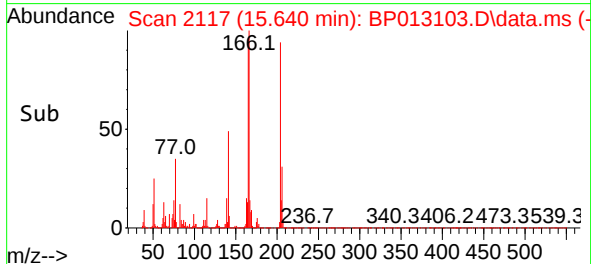
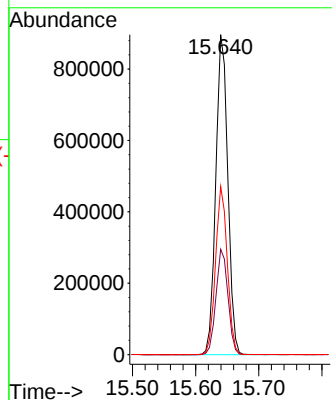
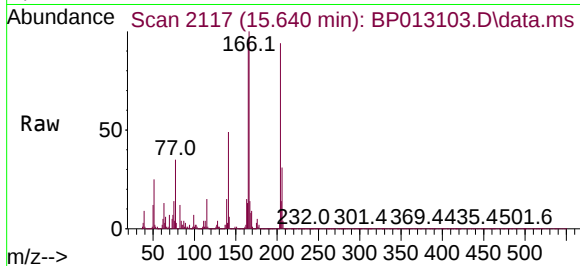
#61  
4-Chlorophenyl-phenylether  
Concen: 37.702 ng  
RT: 15.640 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 1187725  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 52.5 39.9 59.9

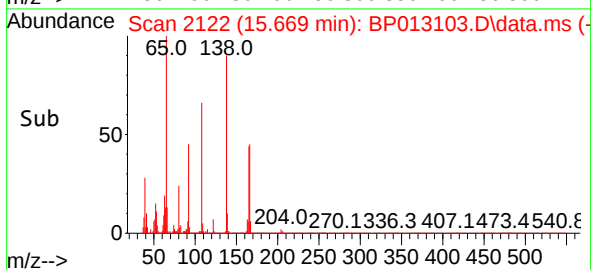
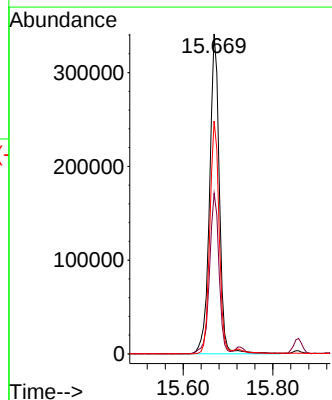
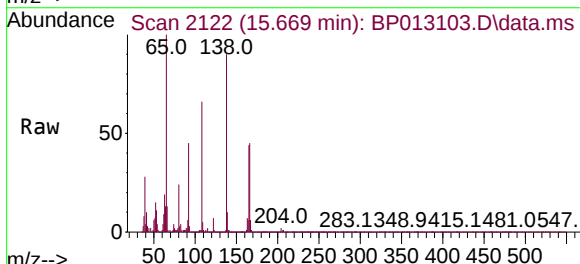
Manual Integrations  
APPROVED

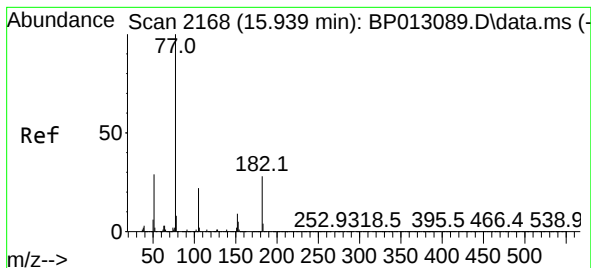
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#62  
4-Nitroaniline  
Concen: 38.708 ng  
RT: 15.669 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:138 Resp: 516199  
Ion Ratio Lower Upper  
138 100  
92 50.2 30.4 70.4  
108 72.8 51.4 91.4





#63

Azobenzene

Concen: 38.556 ng

RT: 15.934 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2060358

Ion Ratio Lower Upper

77 100

182 27.0 8.3 48.3

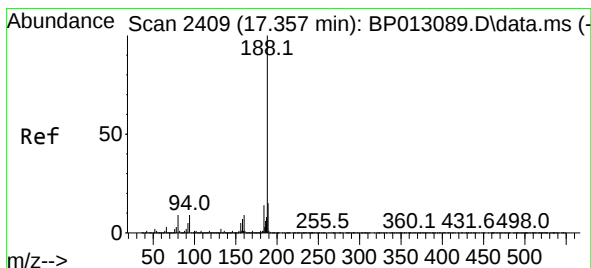
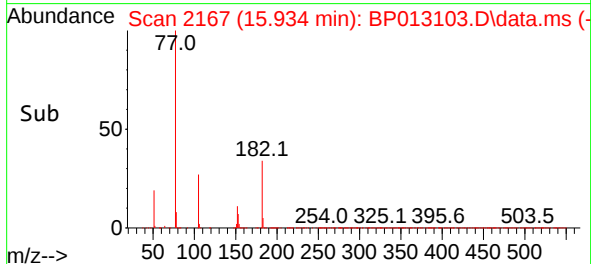
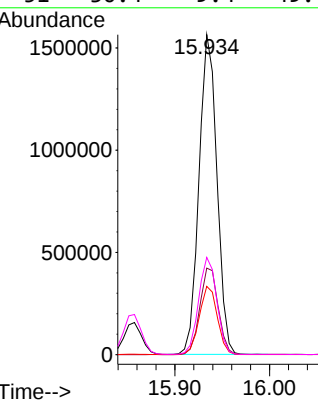
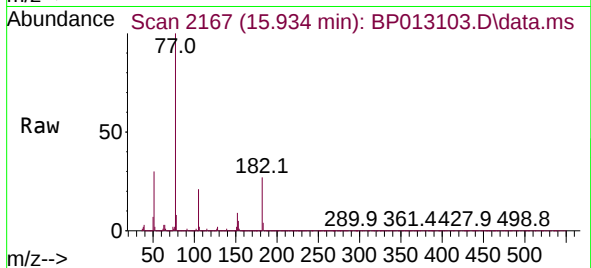
105 21.3 1.6 41.6

51 30.4 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

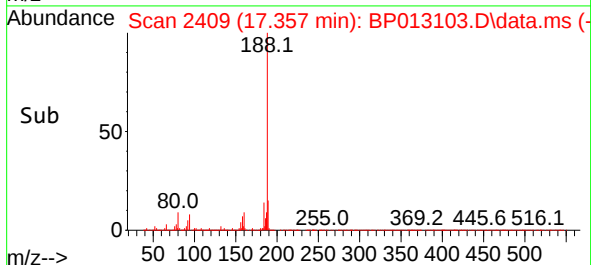
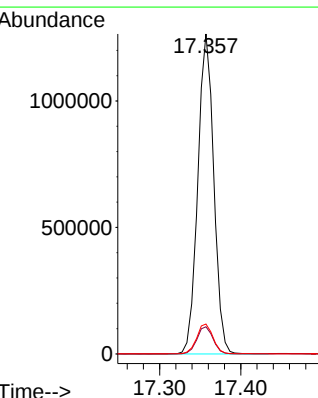
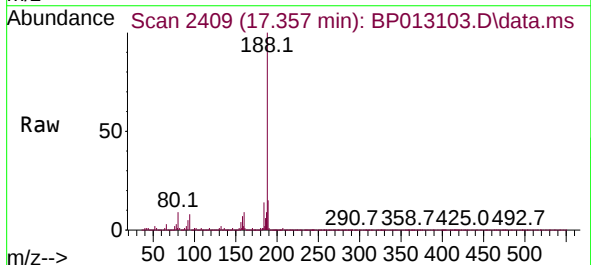
Tgt Ion:188 Resp: 1731427

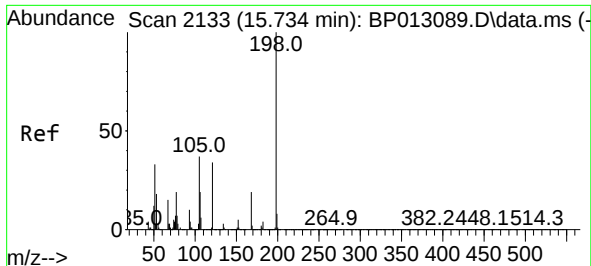
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

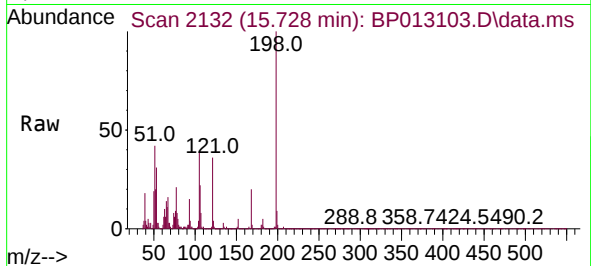
80 9.3 7.5 11.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.048 ng  
RT: 15.728 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

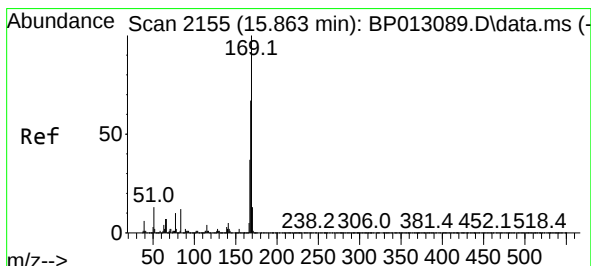
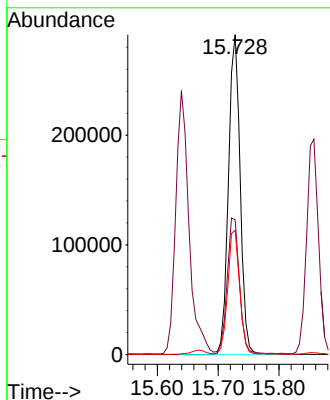
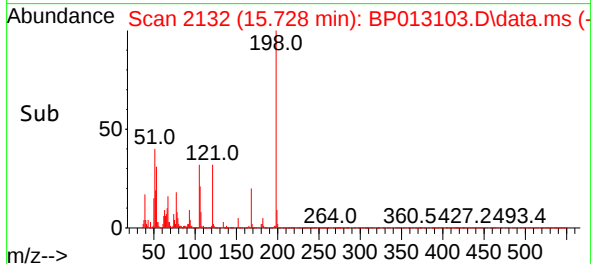
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 389830  
Ion Ratio Lower Upper  
198 100  
51 42.1 18.9 58.9  
105 38.9 18.2 58.2

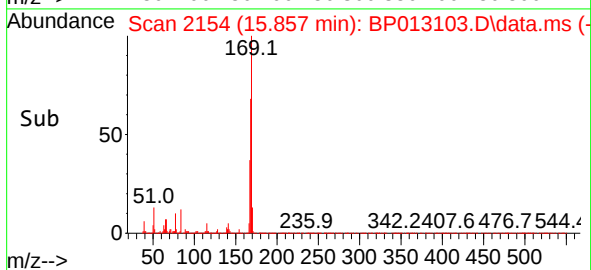
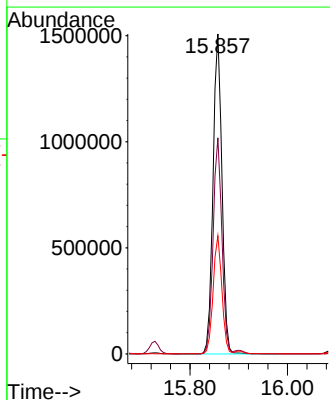
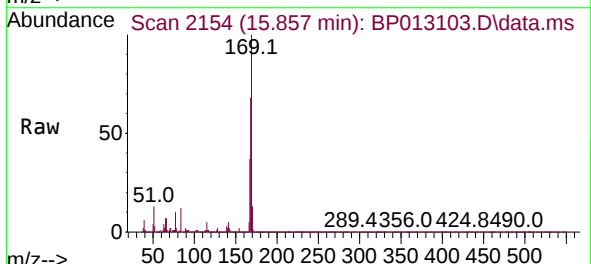
Manual Integrations  
APPROVED

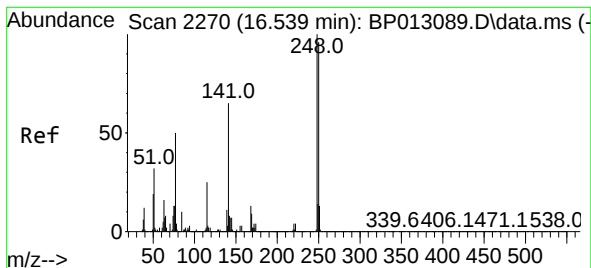
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#66  
n-Nitrosodiphenylamine  
Concen: 35.592 ng  
RT: 15.857 min Scan# 2154  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:169 Resp: 1924051  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.4 80.2  
167 36.9 29.4 44.0





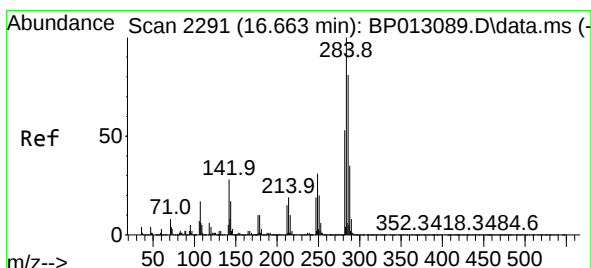
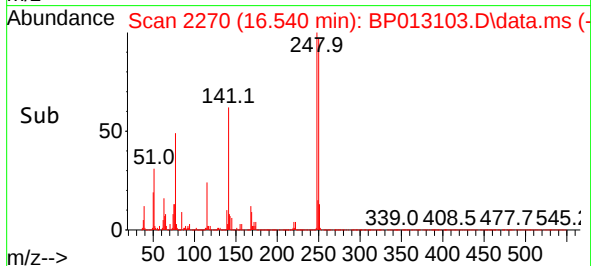
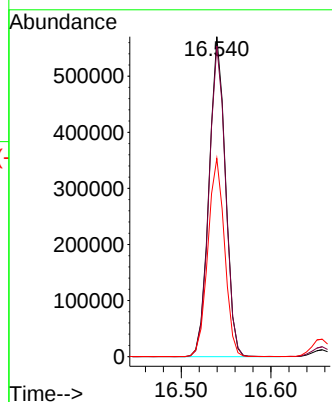
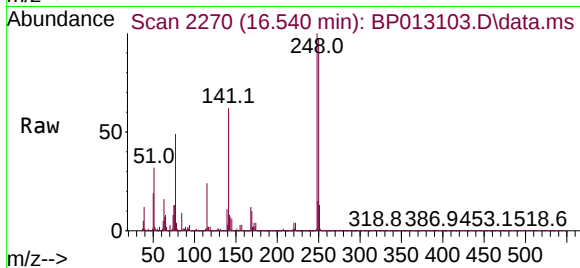
#67  
4-Bromophenyl-phenylether  
Concen: 35.270 ng  
RT: 16.540 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 722099  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.4 114.6  
141 61.9 51.8 77.6

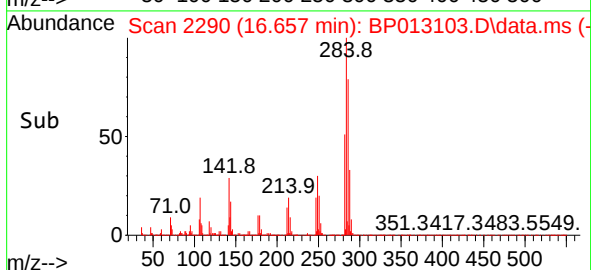
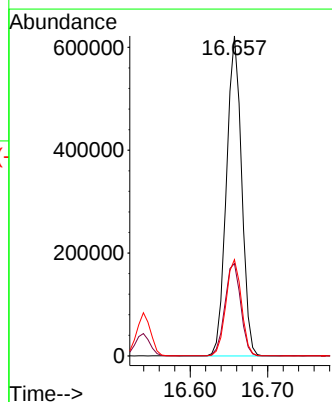
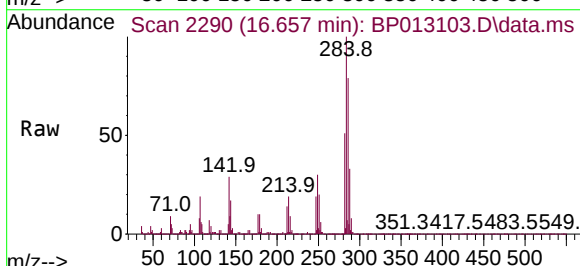
Manual Integrations  
APPROVED

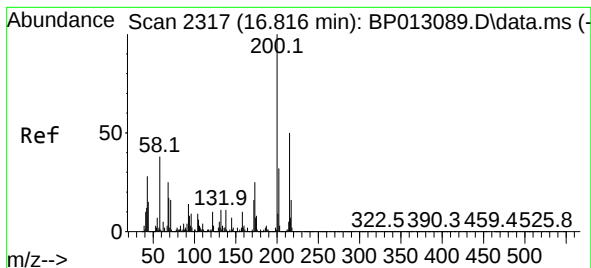
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#68  
Hexachlorobenzene  
Concen: 35.378 ng  
RT: 16.657 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:284 Resp: 848072  
Ion Ratio Lower Upper  
284 100  
142 28.9 22.6 34.0  
249 30.1 24.5 36.7





#69

Atrazine

Concen: 39.234 ng

RT: 16.810 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 595078

Ion Ratio Lower Upper

200 100

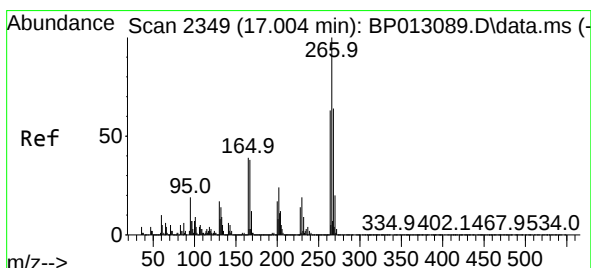
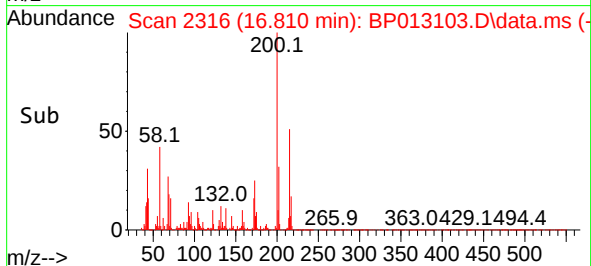
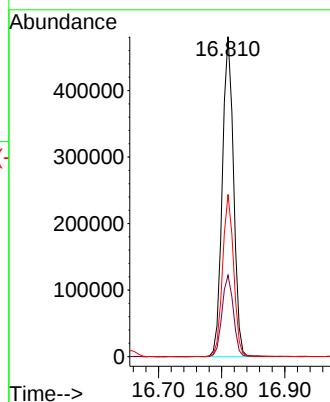
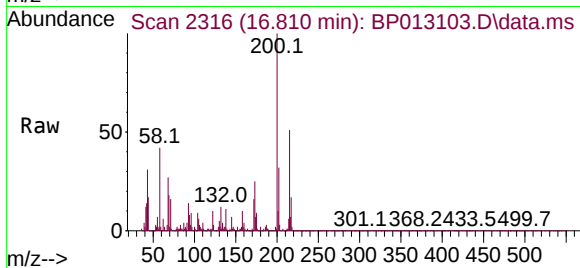
173 25.4 4.7 44.7

215 50.7 29.5 69.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#70

Pentachlorophenol

Concen: 35.837 ng

RT: 17.004 min Scan# 2349

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

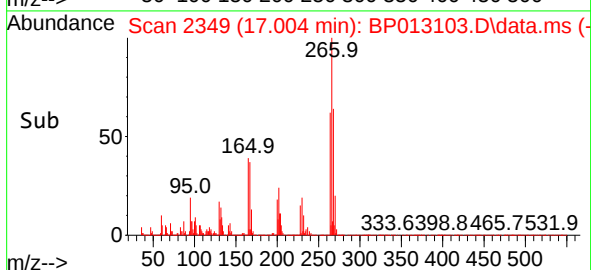
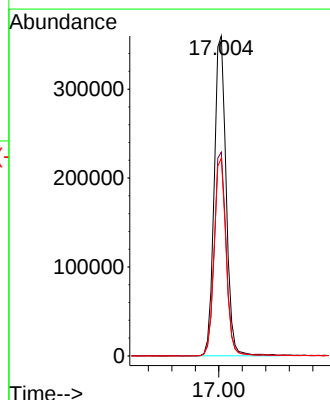
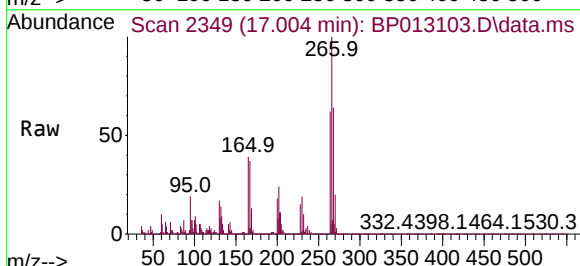
Tgt Ion:266 Resp: 505920

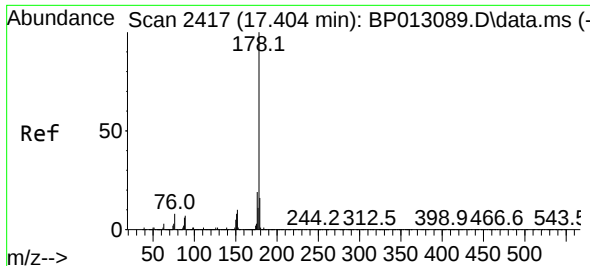
Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

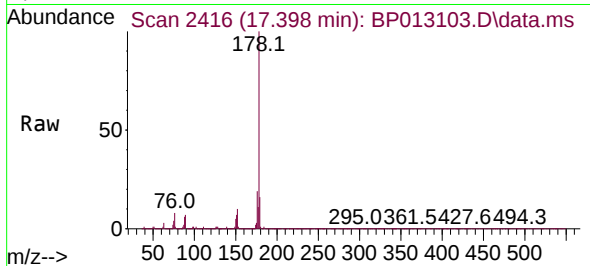
264 61.8 50.6 76.0





#71  
Phenanthrene  
Concen: 36.424 ng  
RT: 17.398 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

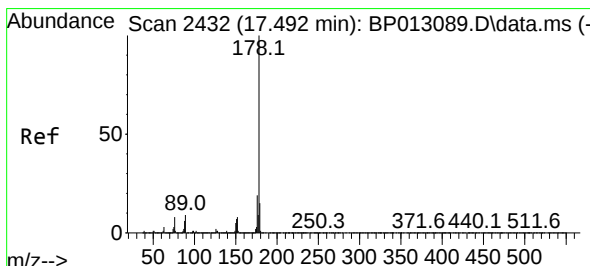
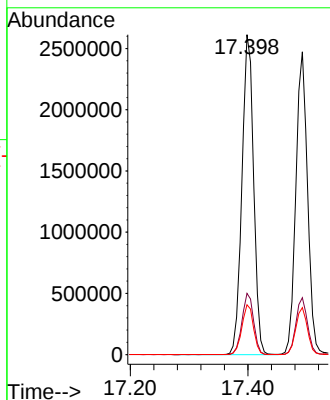
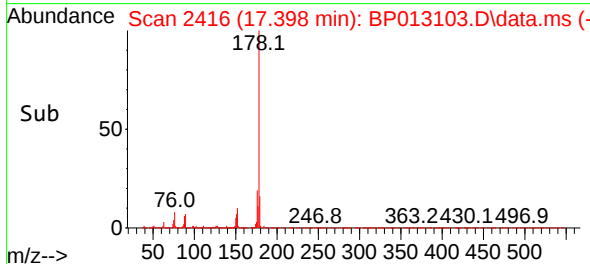
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 3588619  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.5 23.3  
179 15.6 12.6 18.8

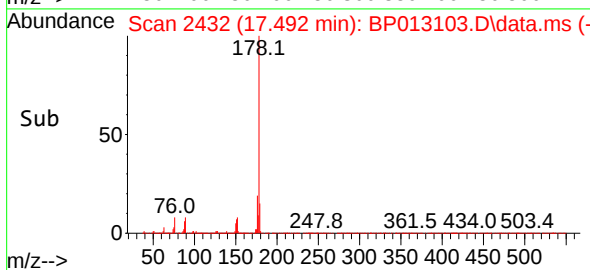
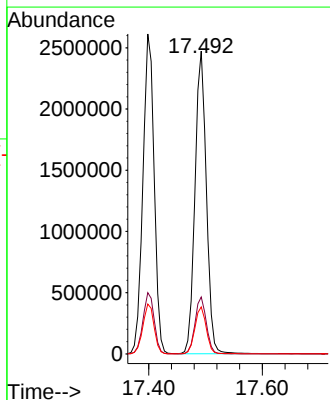
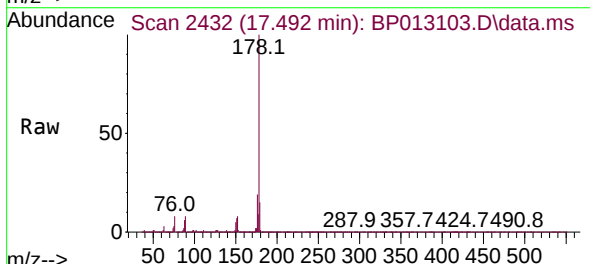
Manual Integrations  
APPROVED

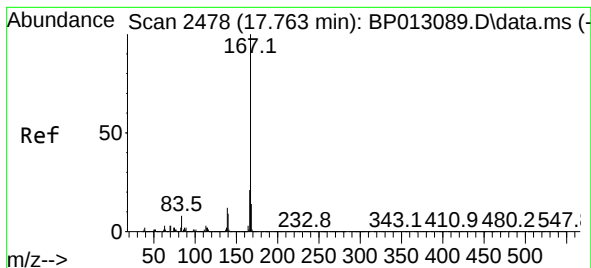
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#72  
Anthracene  
Concen: 36.990 ng  
RT: 17.492 min Scan# 2432  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Tgt Ion:178 Resp: 3421311  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 15.5 12.4 18.6





#73

Carbazole

Concen: 38.474 ng

RT: 17.763 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 3119672

Ion Ratio Lower Upper

167 100

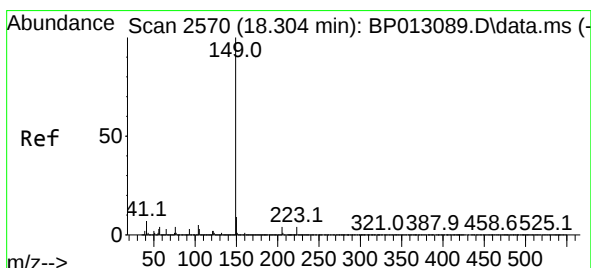
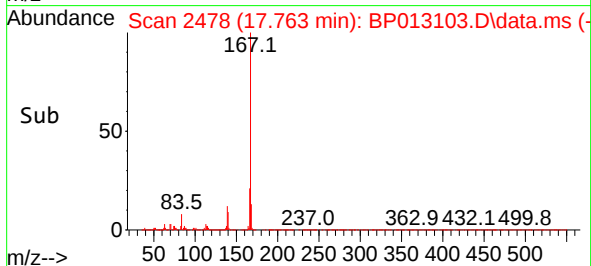
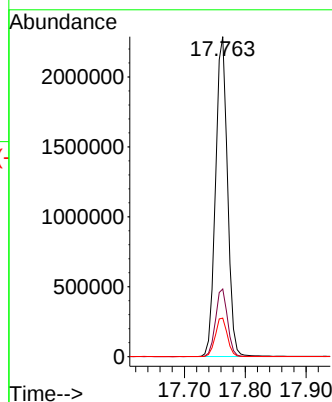
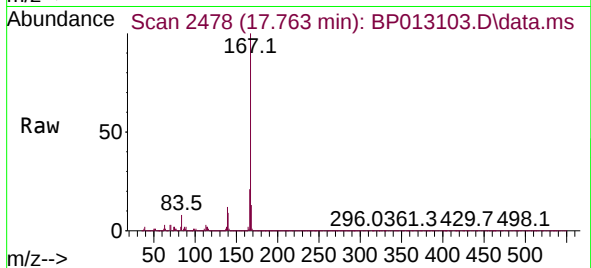
166 21.1 17.1 25.7

139 12.0 9.7 14.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#74

Di-n-butylphthalate

Concen: 38.796 ng

RT: 18.304 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

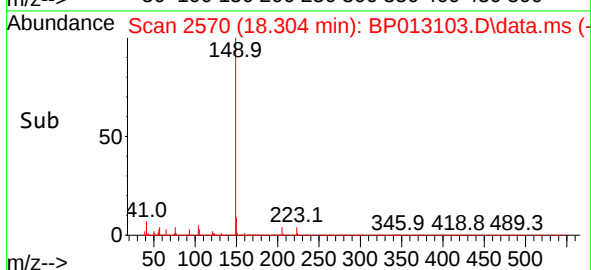
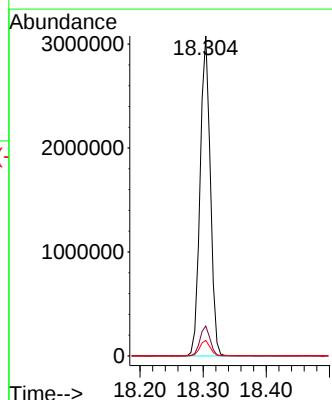
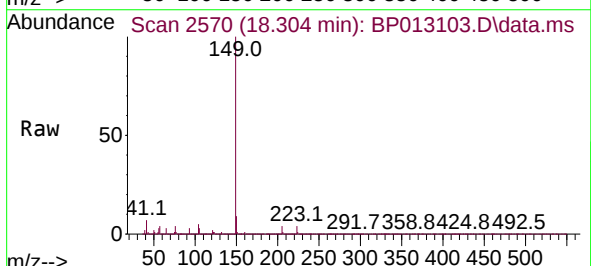
Tgt Ion:149 Resp: 3460093

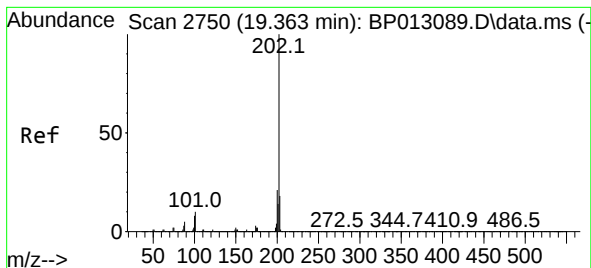
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

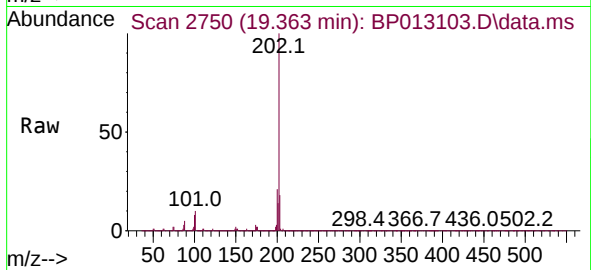
104 4.8 3.8 5.6





#75  
Fluoranthene  
Concen: 39.681 ng  
RT: 19.363 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

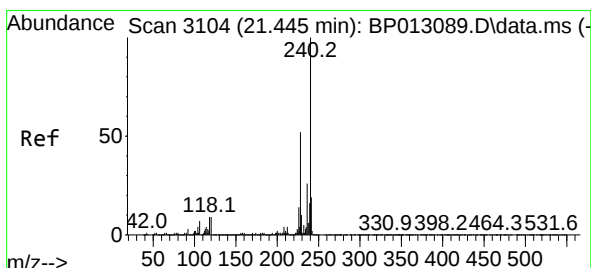
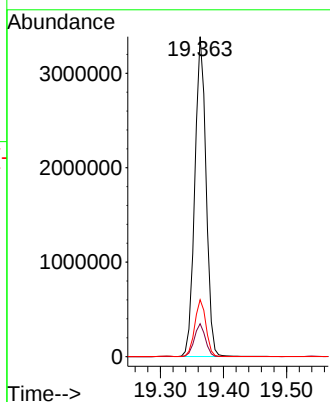
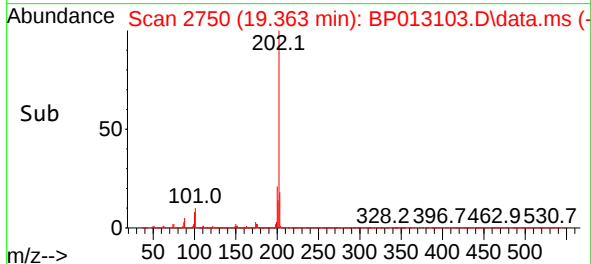
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



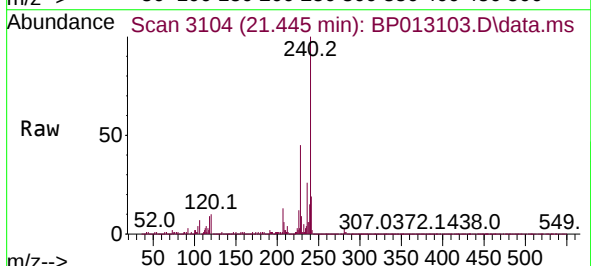
Tgt Ion:202 Resp: 4207972  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.0  
203 17.8 0.0 37.6

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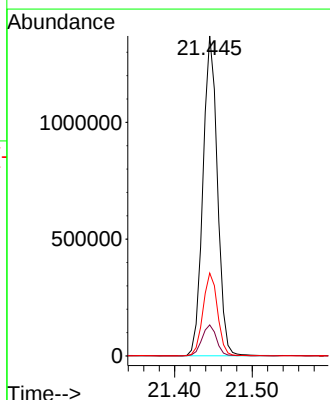
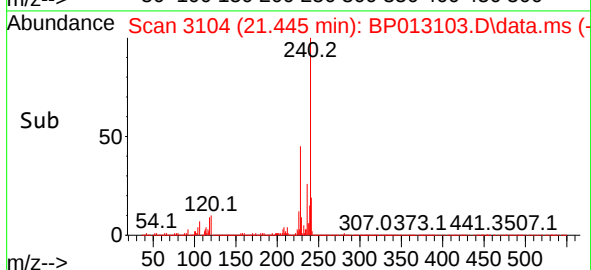
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

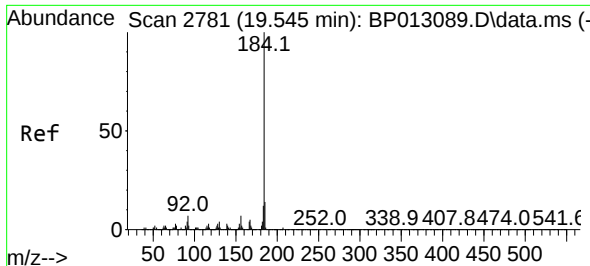


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.445 min Scan# 3104  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



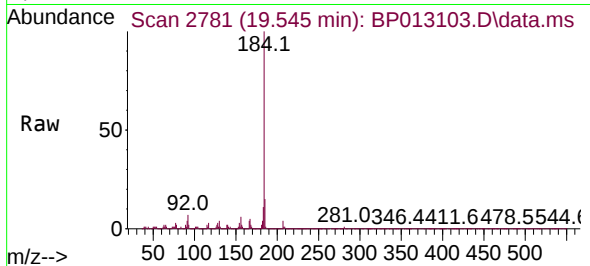
Tgt Ion:240 Resp: 1777193  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.4 11.2  
236 25.9 21.0 31.4





#77  
Benzidine  
Concen: 45.589 ng  
RT: 19.545 min Scan# 2781  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

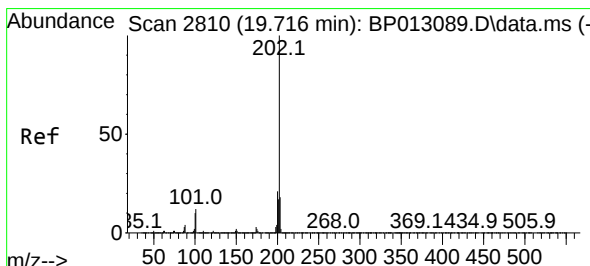
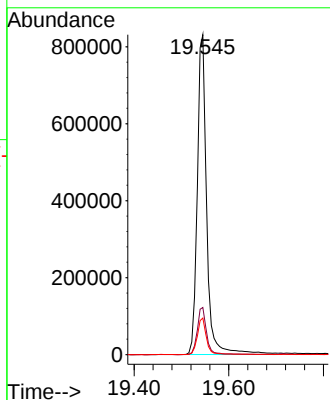
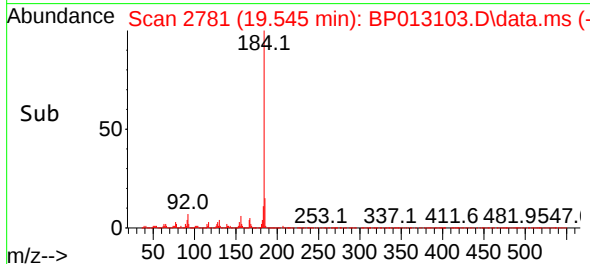
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



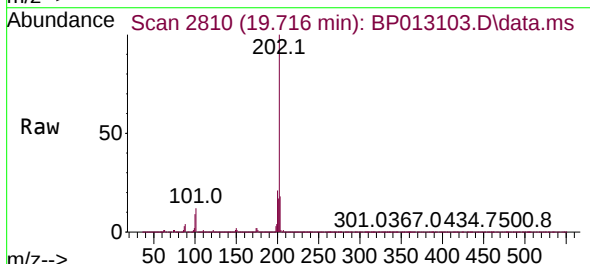
Tgt Ion:184 Resp: 1150817  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.6 17.4  
183 11.4 9.4 14.0

Manual Integrations  
APPROVED

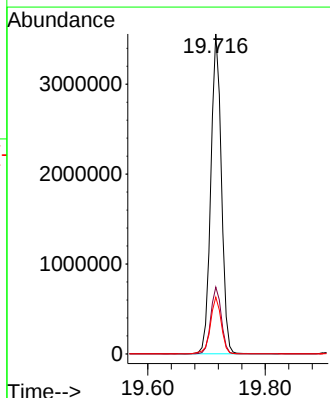
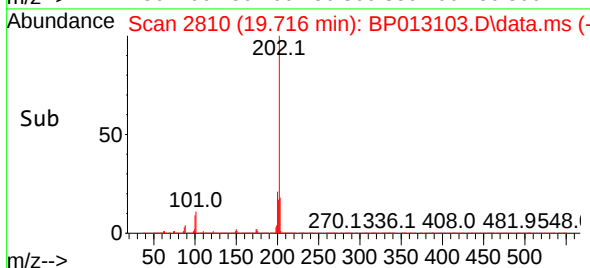
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

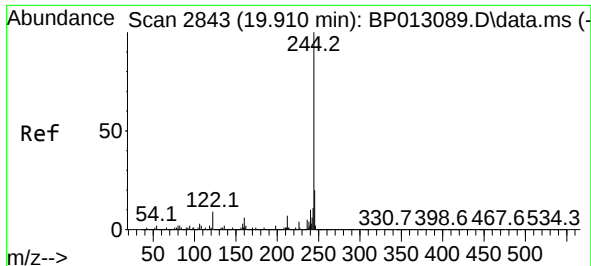


#78  
Pyrene  
Concen: 34.738 ng  
RT: 19.716 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



Tgt Ion:202 Resp: 4435960  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.4  
203 17.7 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 72.407 ng  
 RT: 19.910 min Scan# 2843  
 Delta R.T. 0.000 min  
 Lab File: BP013103.D  
 Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

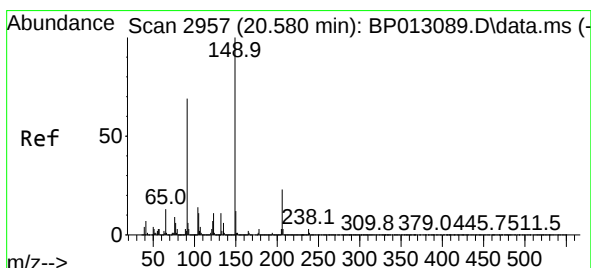
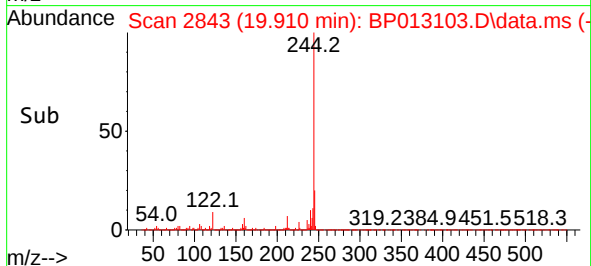
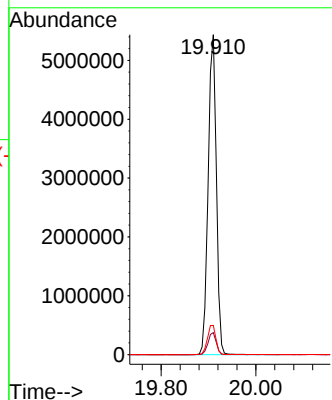
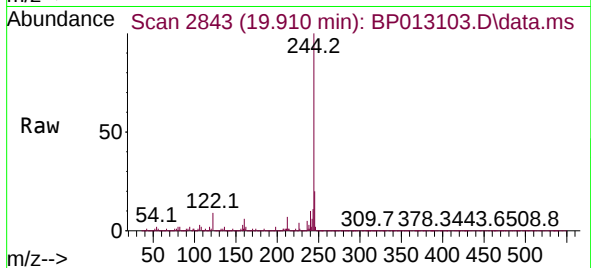
SSTDCCC040

Tgt Ion:244 Resp: 6522531  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 9.1 7.2 10.8

Manual Integrations

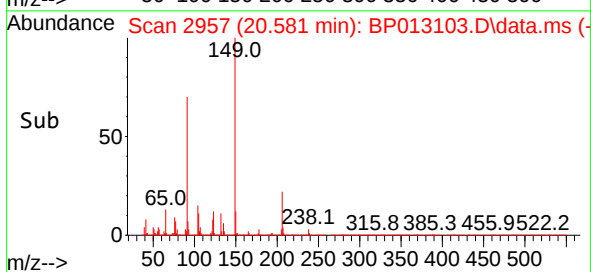
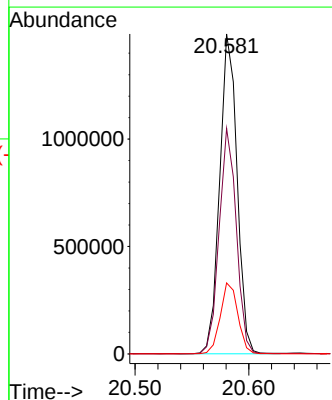
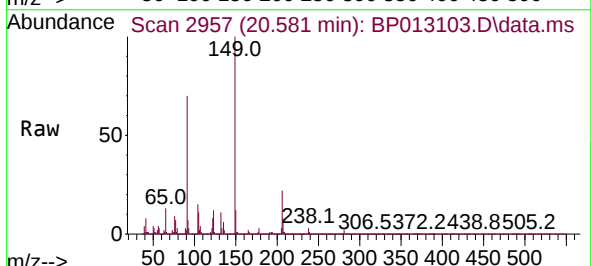
APPROVED

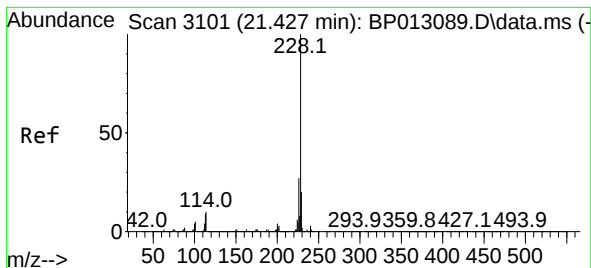
Reviewed By :Jagrut Upadhyay 12/15/2022  
 Supervised By :mohammad ahmed 12/17/2022



#80  
 Butylbenzylphthalate  
 Concen: 35.182 ng  
 RT: 20.581 min Scan# 2957  
 Delta R.T. 0.001 min  
 Lab File: BP013103.D  
 Acq: 14 Dec 2022 13:44

Tgt Ion:149 Resp: 1582226  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 55.2 82.8  
 206 22.2 18.3 27.5





#81

Benzo(a)anthracene

Concen: 37.803 ng

RT: 21.428 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNP\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 4592073

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

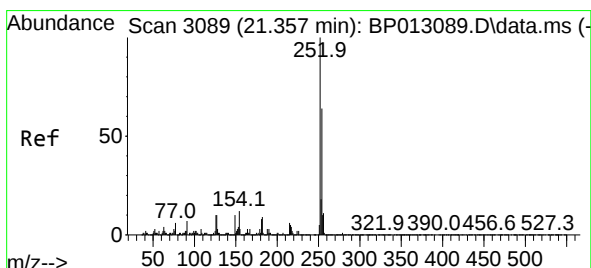
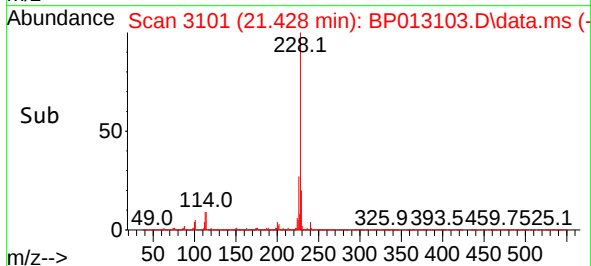
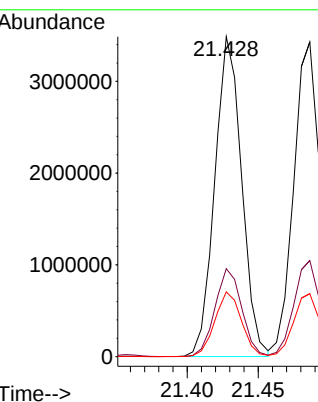
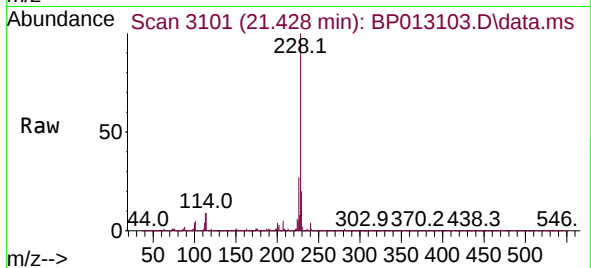
229 20.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#82

3,3'-Dichlorobenzidine

Concen: 41.284 ng

RT: 21.357 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

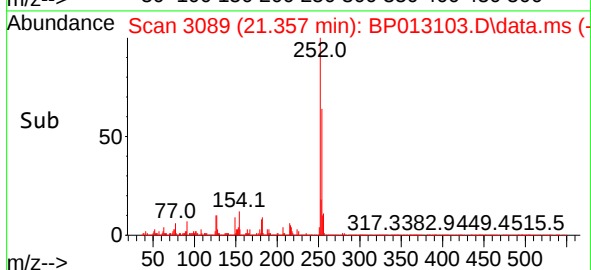
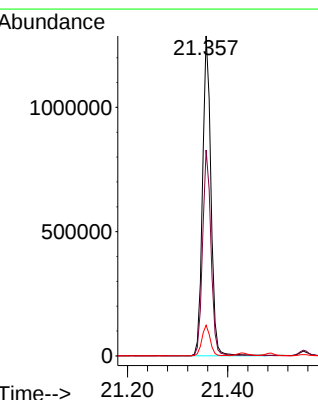
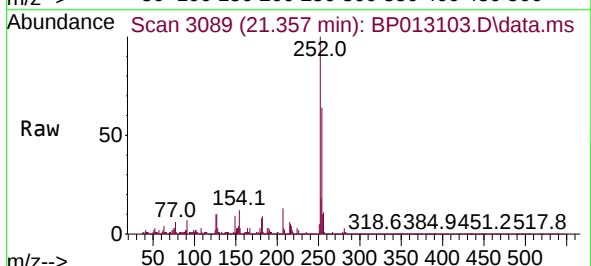
Tgt Ion:252 Resp: 1493352

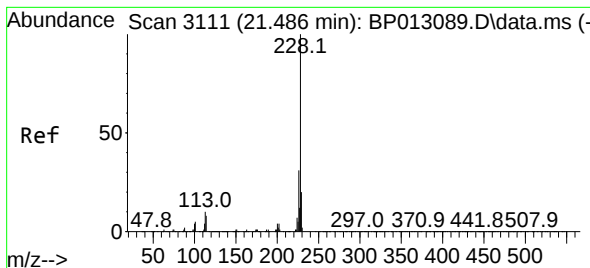
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.4

126 9.6 7.8 11.8





#83

Chrysene

Concen: 37.727 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 447034

Ion Ratio Lower Upper

228 100

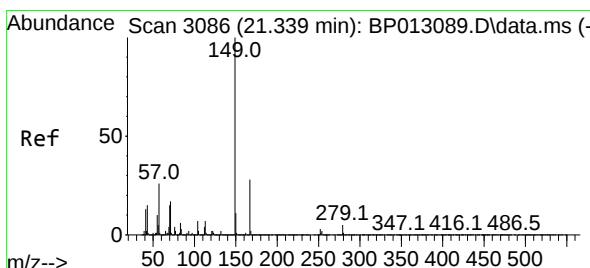
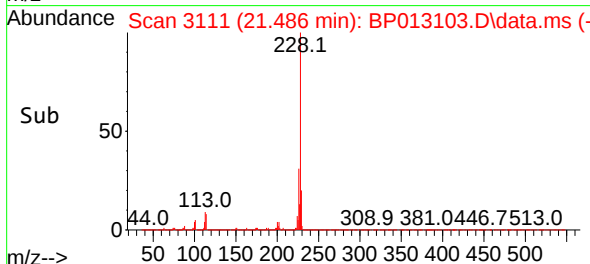
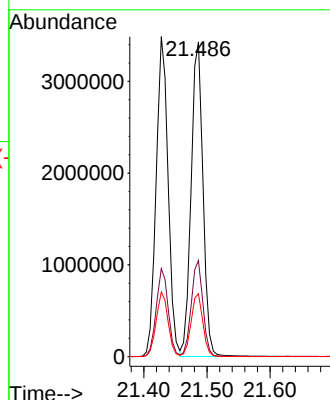
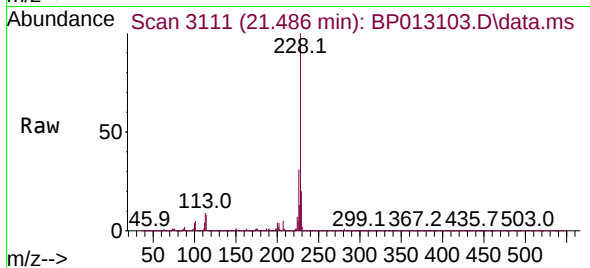
226 30.6 24.3 36.5

229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.974 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

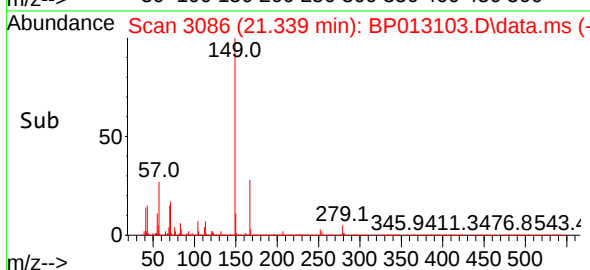
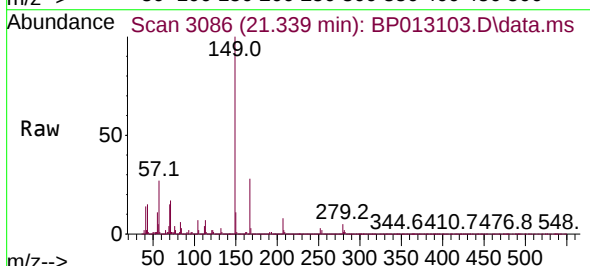
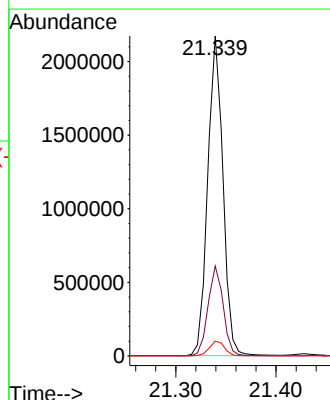
Tgt Ion:149 Resp: 2285267

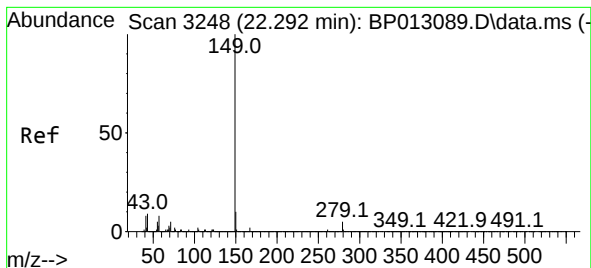
Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.419 ng

RT: 22.292 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013103.D

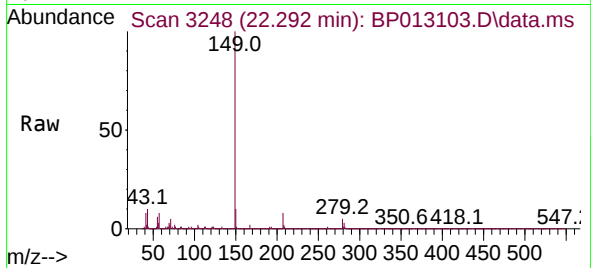
Acq: 14 Dec 2022 13:44

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 3882892

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

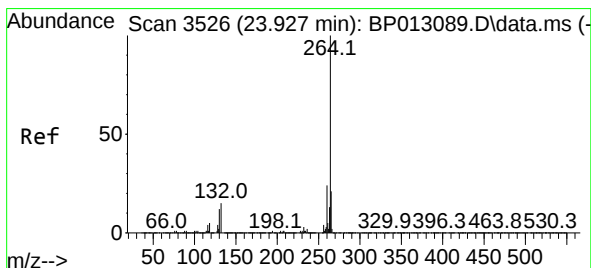
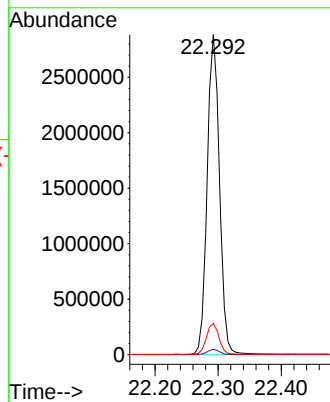
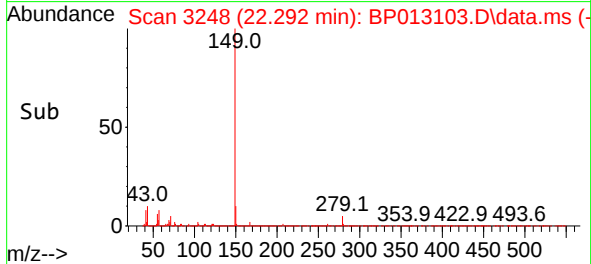
43 10.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/17/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP013103.D

Acq: 14 Dec 2022 13:44

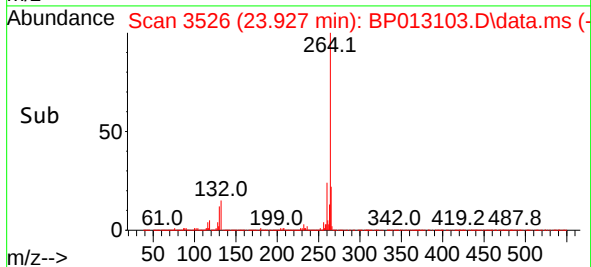
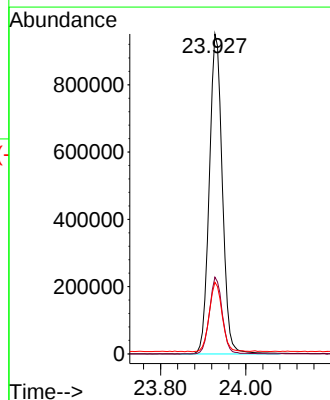
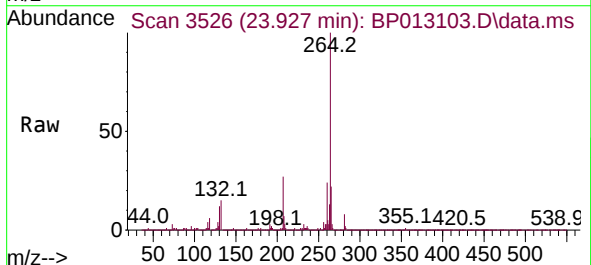
Tgt Ion:264 Resp: 2014834

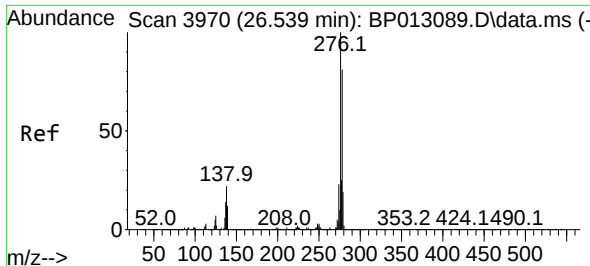
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.4 17.7 26.5





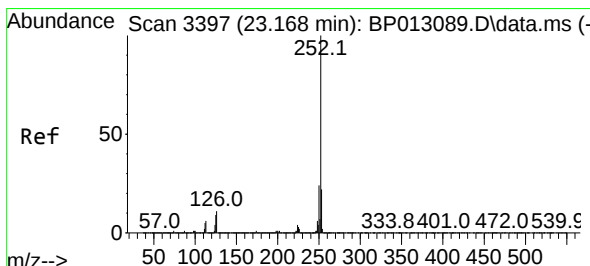
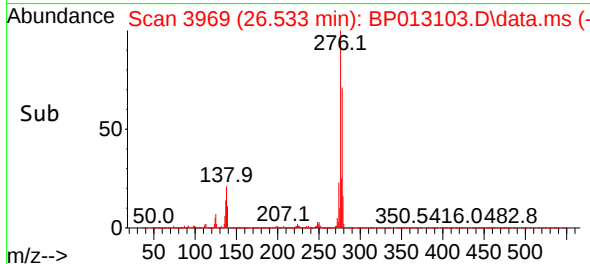
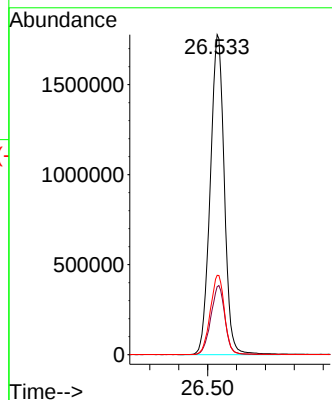
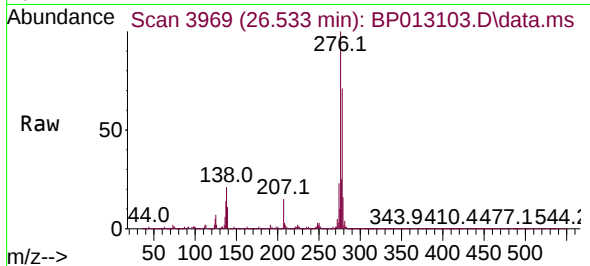
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.390 ng  
RT: 26.533 min Scan# 3970  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:276 Resp: 5990817  
Ion Ratio Lower Upper  
276 100  
138 21.6 17.3 25.9  
277 25.2 20.2 30.2

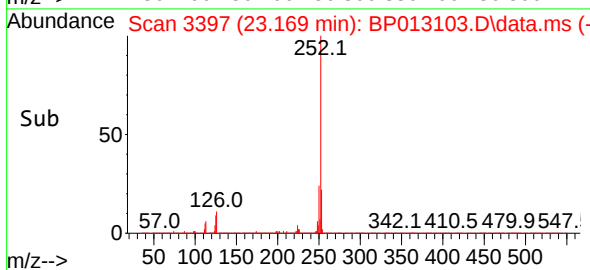
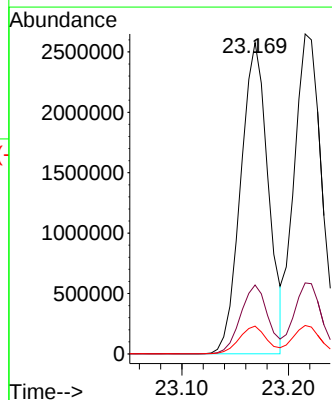
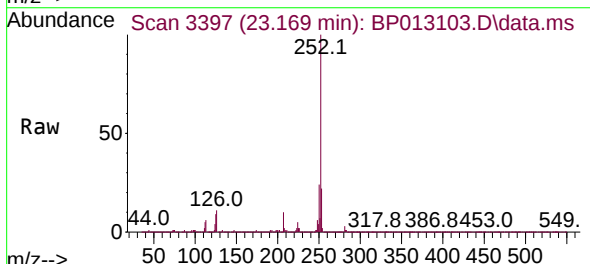
Manual Integrations  
APPROVED

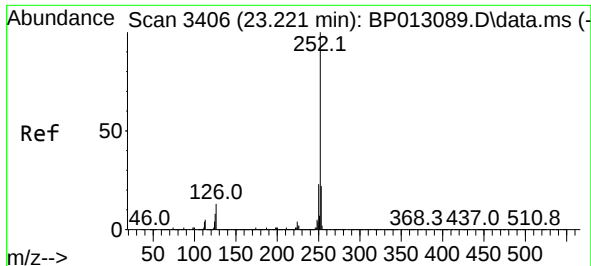
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#88  
Benzo(b)fluoranthene  
Concen: 35.663 ng  
RT: 23.169 min Scan# 3397  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

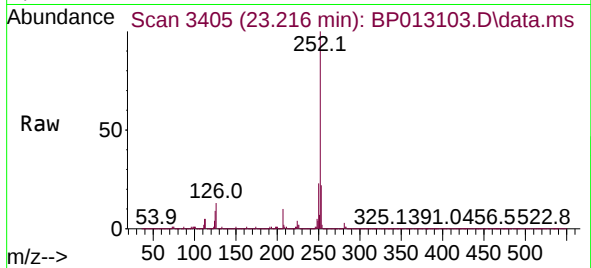
Tgt Ion:252 Resp: 4626459  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 8.9 7.0 10.4





#89  
Benzo(k)fluoranthene  
Concen: 36.531 ng  
RT: 23.216 min Scan# 3406  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

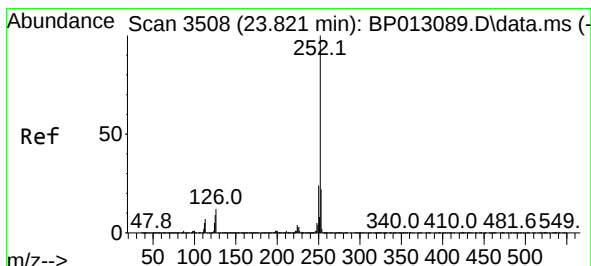
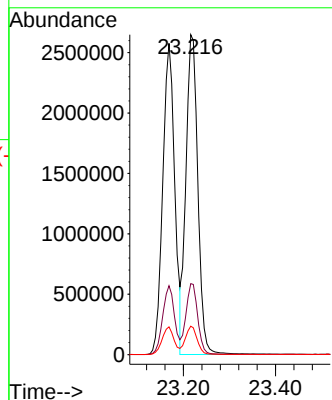
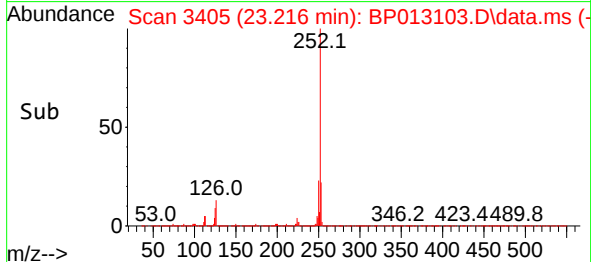
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



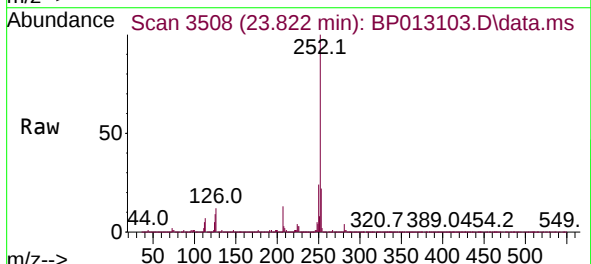
Tgt Ion:252 Resp: 4794094  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 8.9 6.7 10.1

Manual Integrations  
APPROVED

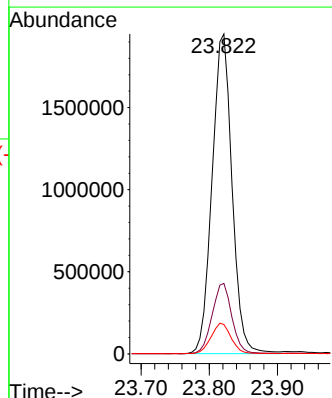
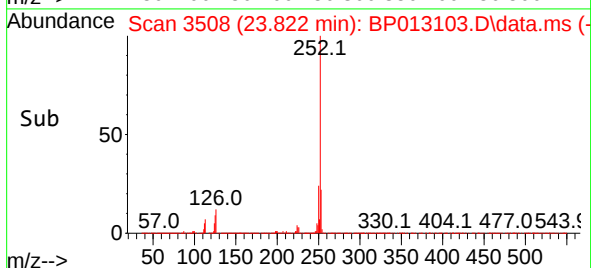
Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022

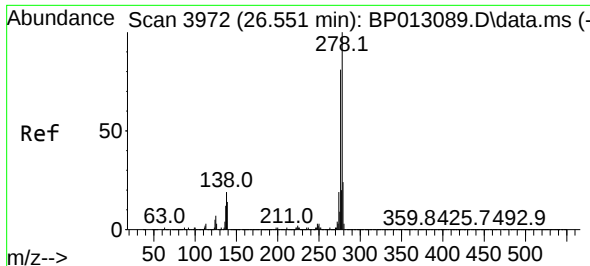


#90  
Benzo(a)pyrene  
Concen: 36.200 ng  
RT: 23.822 min Scan# 3508  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



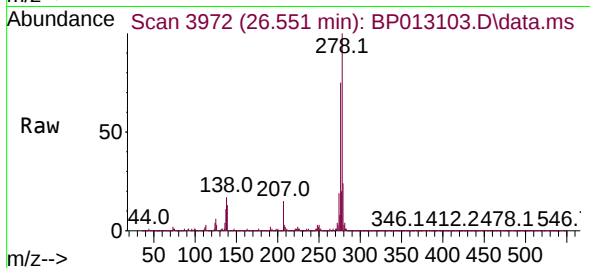
Tgt Ion:252 Resp: 3940901  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.2 7.4 11.2





#91  
Dibenzo(a,h)anthracene  
Concen: 36.426 ng  
RT: 26.551 min Scan# 3972  
Delta R.T. 0.000 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44

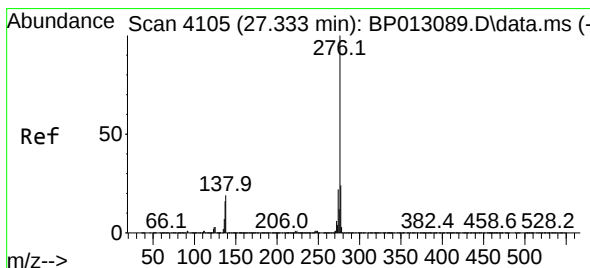
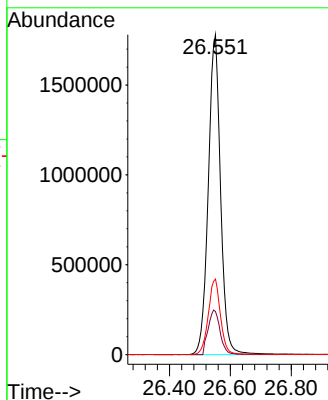
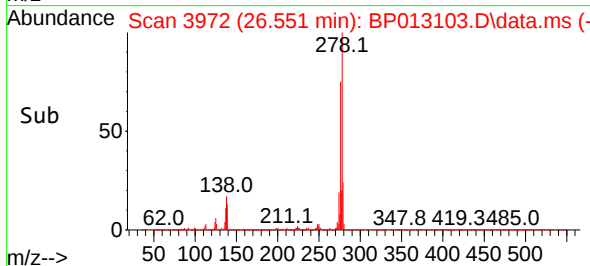
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040



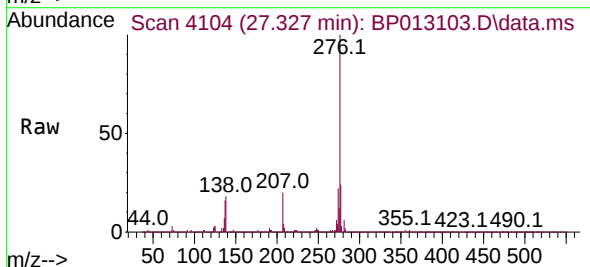
Tgt Ion: 278 Resp: 4983778  
Ion Ratio Lower Upper  
278 100  
139 13.5 11.0 16.6  
279 23.6 19.1 28.7

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022  
Supervised By :mohammad ahmed 12/17/2022



#92  
Benzo(g,h,i)perylene  
Concen: 36.304 ng  
RT: 27.327 min Scan# 4104  
Delta R.T. -0.006 min  
Lab File: BP013103.D  
Acq: 14 Dec 2022 13:44



Tgt Ion: 276 Resp: 4921396  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 18.4 15.0 22.6

