

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062724\  
 Data File : BF138366.D  
 Acq On : 27 Jun 2024 15:06  
 Operator : CG\JU  
 Sample : P3076-10MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 7-S-1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 03:08:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 274627   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.163  | 136  | 1083119  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 580490   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.404 | 188  | 857185   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.039 | 240  | 483342   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.509 | 264  | 532166   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1263769  | 76.980  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 1587396  | 76.254  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 993995   | 53.426  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 460333   | 79.657  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1794122  | 49.147  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.980 | 244  | 1293216  | 42.377  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 263897   | 35.126  | ng    | 95       |
| 3) Pyridine                   | 3.498  | 79   | 670630   | 37.558  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 342843   | 41.487  | ng    | 91       |
| 6) Aniline                    | 6.545  | 93   | 495277   | 24.315  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 830414   | 46.787  | ng    | 99       |
| 9) Benzaldehyde               | 6.428  | 77   | 152112   | 13.758  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 938379   | 44.418  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 750824   | 44.406  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 846492   | 41.966  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 853875   | 42.065  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 818850   | 42.971  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 669314   | 47.684  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 889126   | 37.260  | ng    | 79       |
| 17) 2-Methylphenol            | 7.139  | 107  | 616812   | 44.047  | ng    | 96       |
| 18) Hexachloroethane          | 7.392  | 117  | 309751   | 45.042  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 511870   | 41.482  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 731130   | 41.481  | ng    | # 87     |
| 22) Acetophenone              | 7.292  | 105  | 940427   | 38.008  | ng    | # 92     |
| 24) Nitrobenzene              | 7.469  | 77   | 801999   | 41.708  | ng    | 91       |
| 25) Isophorone                | 7.704  | 82   | 1466893  | 43.589  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 458267   | 59.267  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 566201   | 48.131  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 932187   | 44.251  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 681425   | 44.993  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 754479   | 42.241  | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 2235240  | 41.735  | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 438912m  | 42.333  | ng    |          |
| 33) 4-Chloroaniline           | 8.228  | 127  | 161658   | 8.076   | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 444385   | 42.541  | ng    | 98       |
| 35) Caprolactam               | 8.616  | 113  | 202753m  | 44.343  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 694485   | 46.055  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1487913  | 42.331  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1382172  | 40.127  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 695352   | 40.992  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 691406   | 125.003 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 503034   | 47.361  | ng    | 100      |

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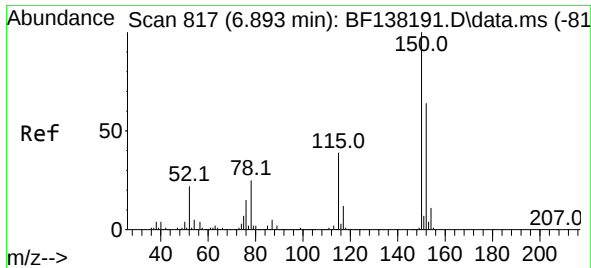
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :Jagrut Upadhyay 06/28/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 516446   | 44.276 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1717235  | 40.315 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 1433261  | 42.576 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 399937   | 49.332 | ng    | 94       |
| 49) Acenaphthylene            | 9.780  | 152  | 2152308  | 45.595 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1708770  | 48.044 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 392412   | 50.857 | ng    | 93       |
| 52) Acenaphthene              | 9.951  | 154  | 1457309m | 45.274 | ng    |          |
| 53) 3-Nitroaniline            | 9.869  | 138  | 205039   | 24.875 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 336957   | 84.228 | ng    | 94       |
| 55) Dibenzofuran              | 10.127 | 168  | 1916699  | 42.595 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 490387   | 75.283 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 489499   | 51.435 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 1425148  | 40.282 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 403618   | 44.277 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 1574010  | 46.629 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 742884   | 42.161 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 333532   | 40.498 | ng    | 95       |
| 63) Azobenzene                | 10.616 | 77   | 1391389  | 41.143 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 249925   | 55.887 | ng    | 80       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 1277220  | 48.669 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 482345   | 49.937 | ng    | # 92     |
| 68) Hexachlorobenzene         | 11.010 | 284  | 523114   | 46.408 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 373133   | 49.919 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 489521   | 74.464 | ng    | 97       |
| 71) Phenanthrene              | 11.427 | 178  | 1903574  | 44.905 | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 1870541  | 44.444 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1488908  | 38.570 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1925650  | 48.185 | ng    | 99       |
| 75) Fluoranthene              | 12.616 | 202  | 1625680  | 37.608 | ng    | 97       |
| 77) Benzidine                 | 12.733 | 184  | 463406   | 82.889 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 1618669  | 38.825 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 618642   | 54.552 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 1458245  | 47.027 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 271465   | 31.790 | ng    | 99       |
| 83) Chrysene                  | 14.068 | 228  | 1382937  | 46.789 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 808820   | 61.323 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 1491179  | 76.102 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.986 | 276  | 1251116  | 36.063 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1526778  | 48.651 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.109 | 252  | 1470156  | 47.801 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1353945  | 50.219 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.003 | 278  | 1001882  | 35.184 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 907856   | 30.818 | ng    | 98       |

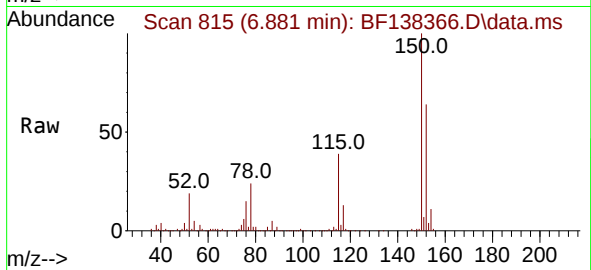
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

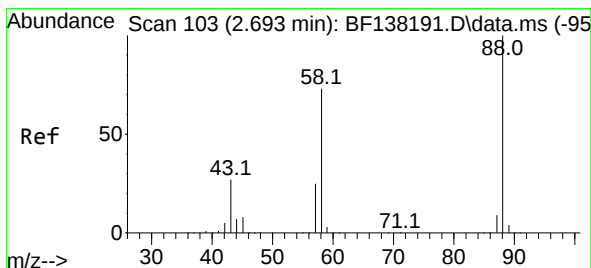
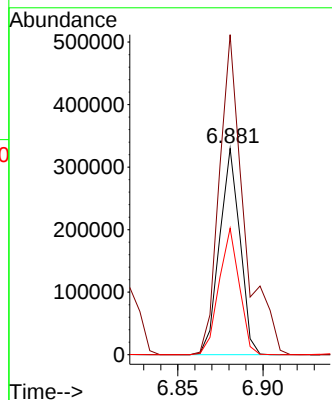
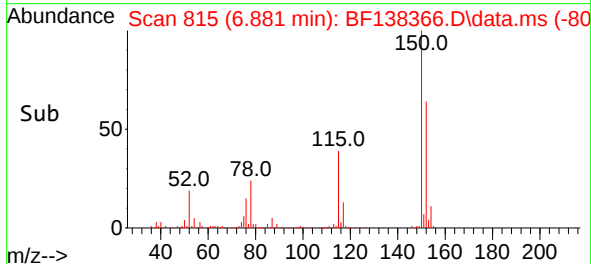
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:152 Resp: 27462  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.0 187.4  
115 61.3 48.4 72.6

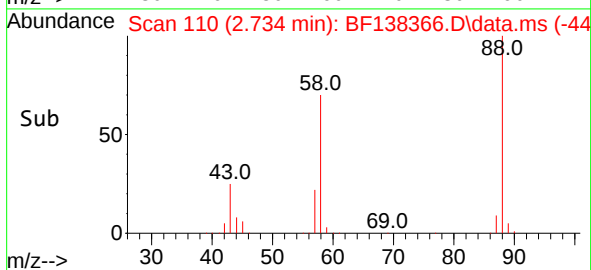
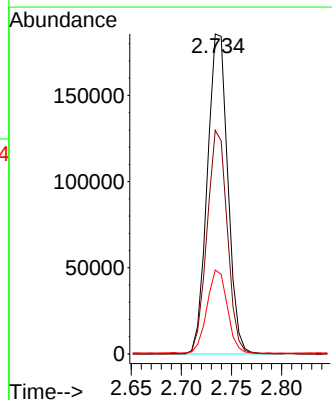
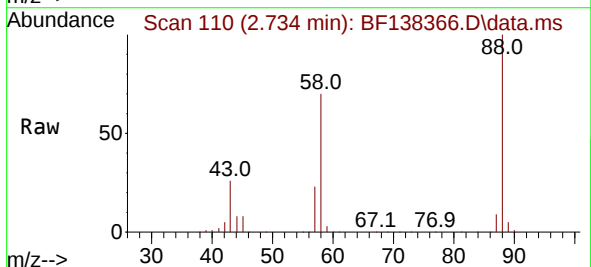
Manual Integrations  
APPROVED

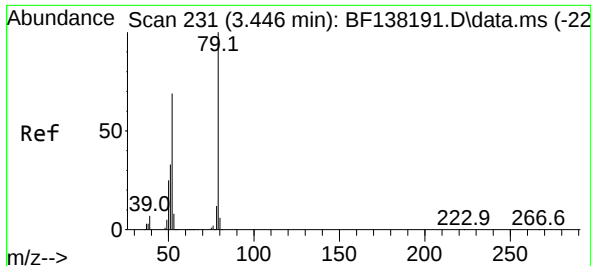
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#2  
1,4-Dioxane  
Concen: 35.126 ng  
RT: 2.734 min Scan# 110  
Delta R.T. 0.041 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

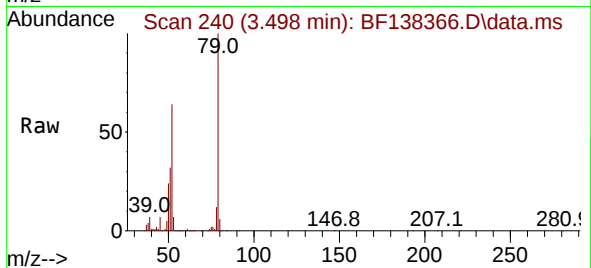
Tgt Ion: 88 Resp: 263897  
Ion Ratio Lower Upper  
88 100  
58 69.2 58.6 87.8  
43 25.9 22.4 33.6





#3  
Pyridine  
Concen: 37.558 ng  
RT: 3.498 min Scan# 24  
Delta R.T. 0.053 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

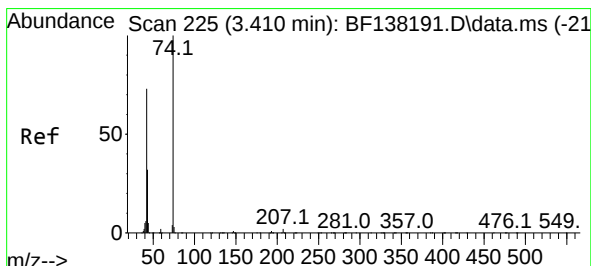
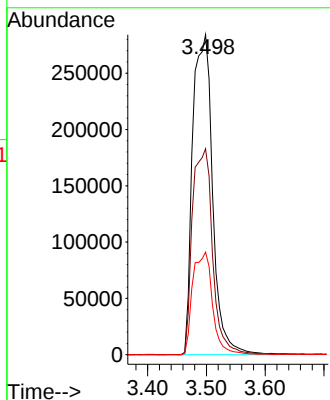
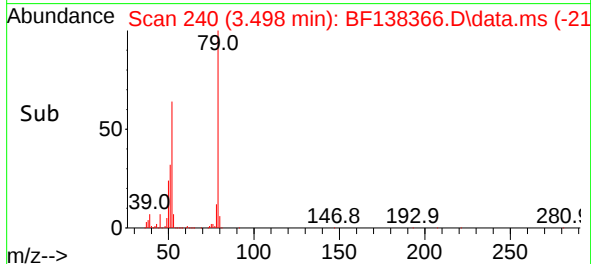
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



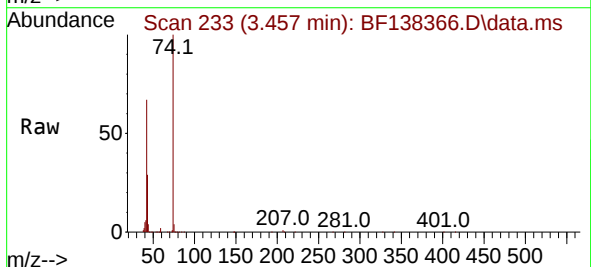
Tgt Ion: 79 Resp: 670630  
Ion Ratio Lower Upper  
79 100  
52 64.4 55.0 82.4  
51 32.0 26.9 40.3

Manual Integrations  
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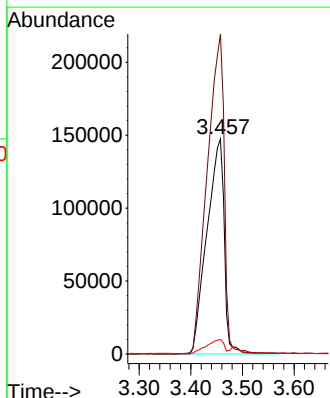
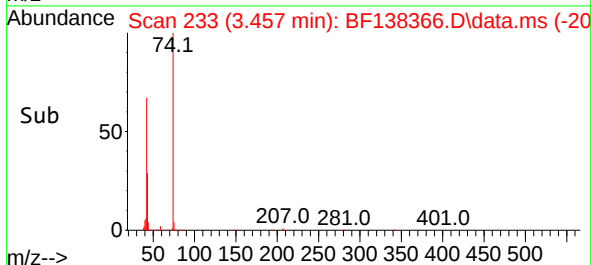
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#4  
n-Nitrosodimethylamine  
Concen: 41.487 ng  
RT: 3.457 min Scan# 233  
Delta R.T. 0.047 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



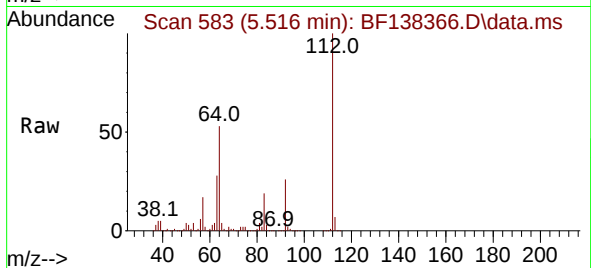
Tgt Ion: 42 Resp: 342843  
Ion Ratio Lower Upper  
42 100  
74 148.8 109.9 164.9  
44 6.7 5.2 7.8





#5  
2-Fluorophenol  
Concen: 76.980 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

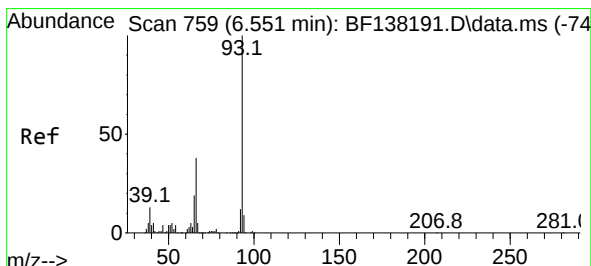
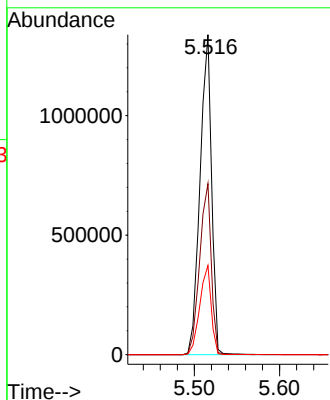
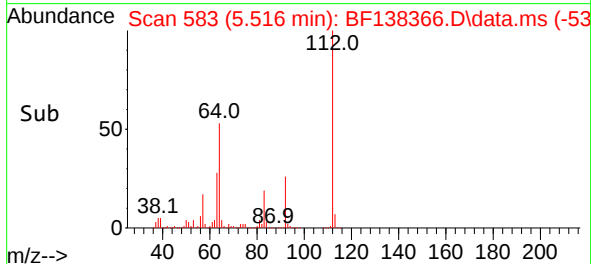
Instrument :  
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Tgt Ion:112 Resp: 1263769  
Ion Ratio Lower Upper  
112 100  
64 53.4 45.2 67.8  
63 27.8 22.9 34.3

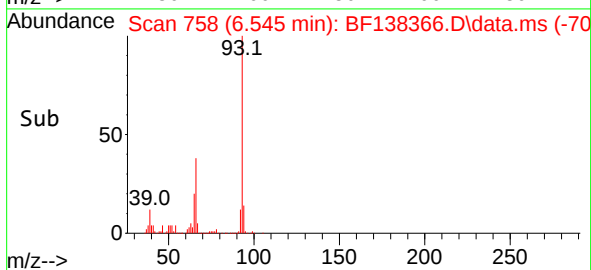
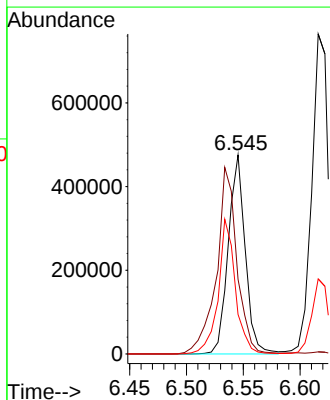
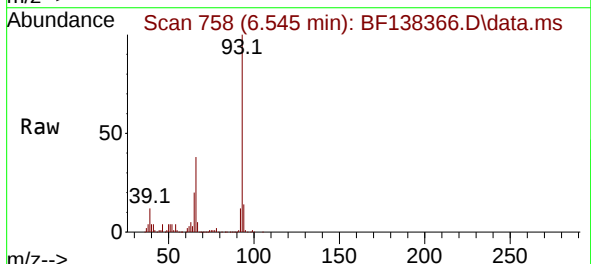
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#6  
Aniline  
Concen: 24.315 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

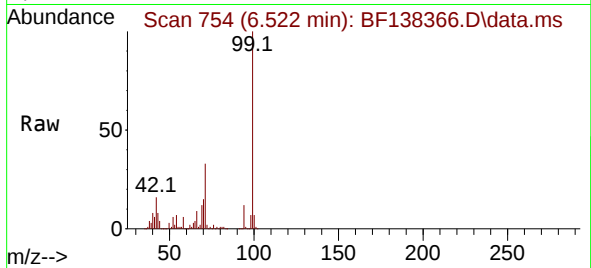
Tgt Ion: 93 Resp: 495277  
Ion Ratio Lower Upper  
93 100  
66 37.5 30.8 46.2  
65 19.9 15.5 23.3





#7  
Phenol-d6  
Concen: 76.254 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

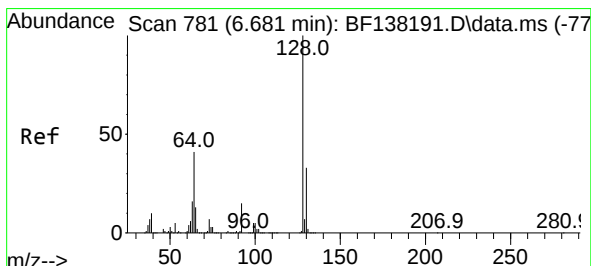
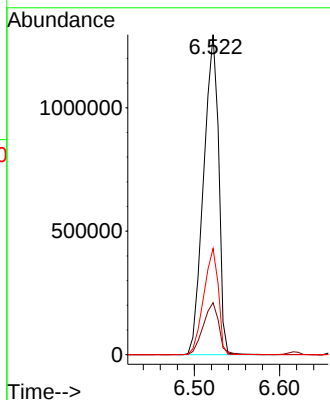
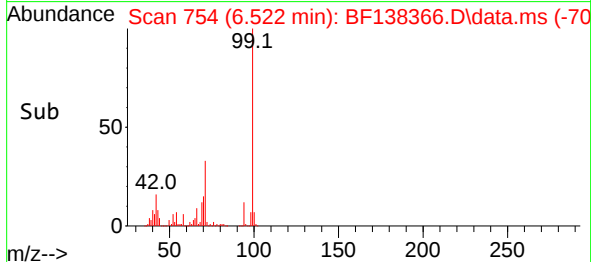
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



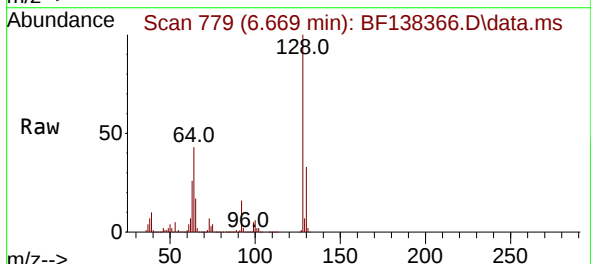
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Ion Ratio Lower Upper  
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71 33.2 25.0 37.6

Manual Integrations  
APPROVED

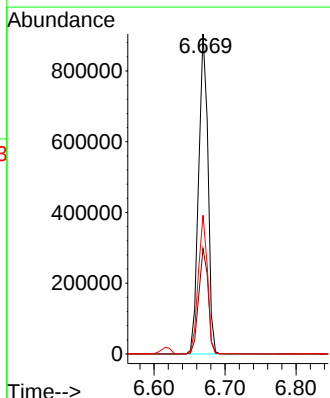
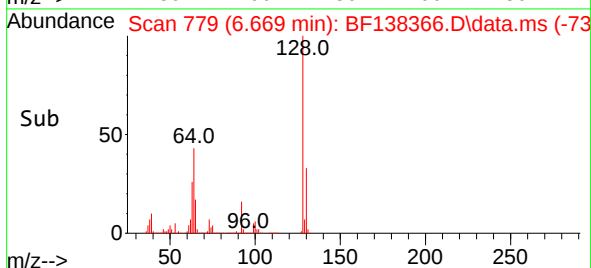
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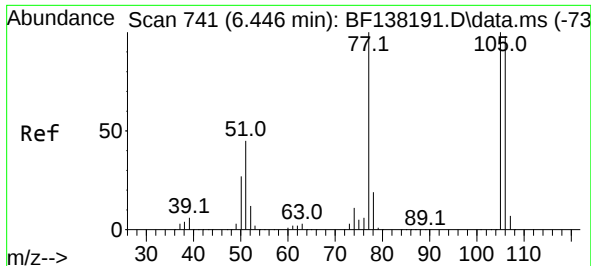


#8  
2-Chlorophenol  
Concen: 46.787 ng  
RT: 6.669 min Scan# 779  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



Tgt Ion:128 Resp: 830414  
Ion Ratio Lower Upper  
128 100  
130 33.0 13.1 53.1  
64 43.3 21.8 61.8





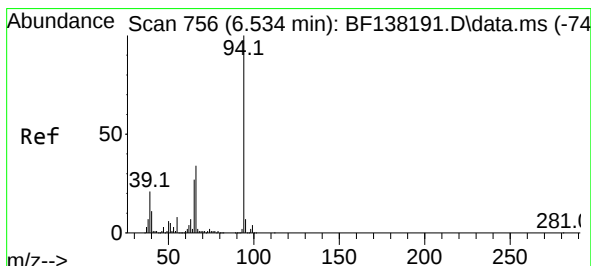
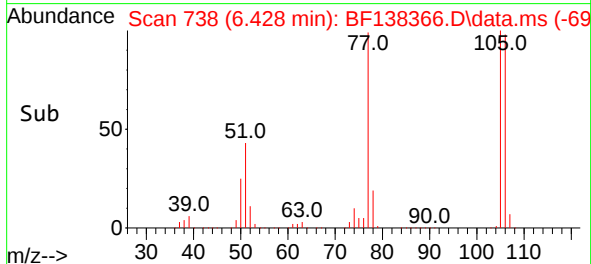
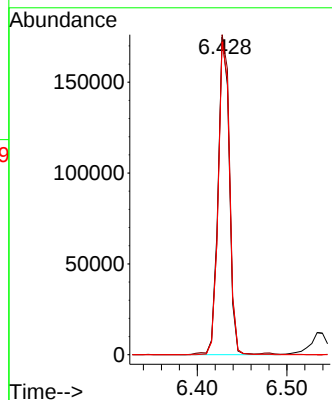
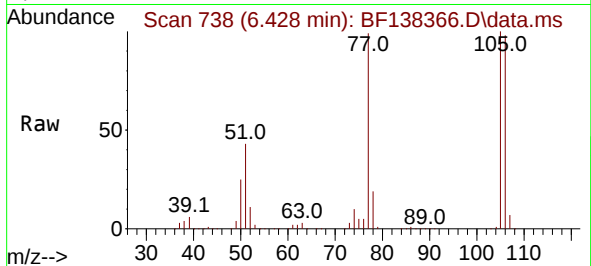
#9  
Benzaldehyde  
Concen: 13.758 ng  
RT: 6.428 min Scan# 741  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS

Tgt Ion: 77 Resp: 152112  
Ion Ratio Lower Upper  
77 100  
105 100.8 80.1 120.1  
106 98.5 77.8 117.8

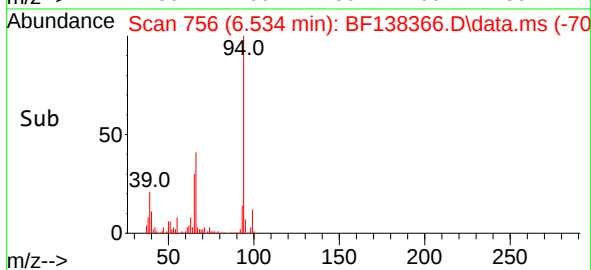
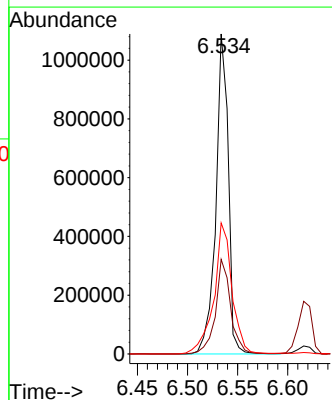
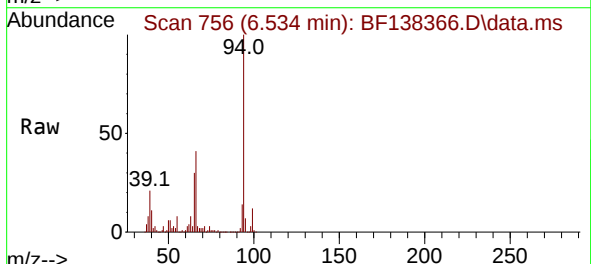
Manual Integrations  
APPROVED

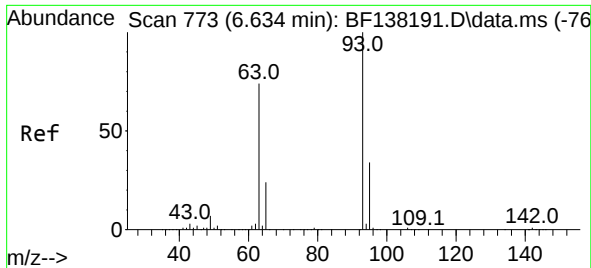
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#10  
Phenol  
Concen: 44.418 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion: 94 Resp: 938379  
Ion Ratio Lower Upper  
94 100  
65 29.6 6.8 46.8  
66 40.9 14.2 54.2





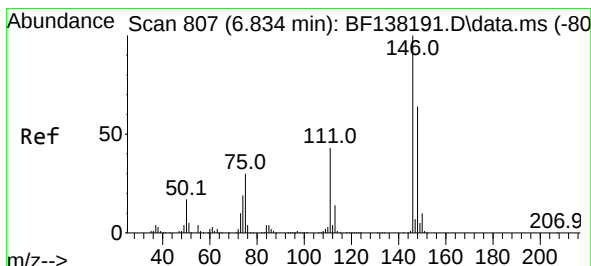
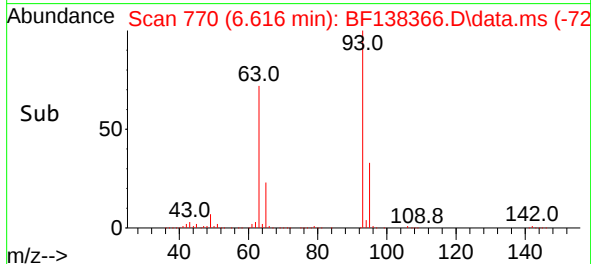
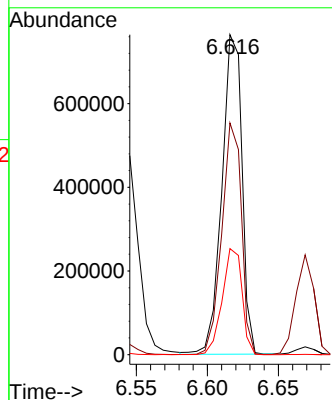
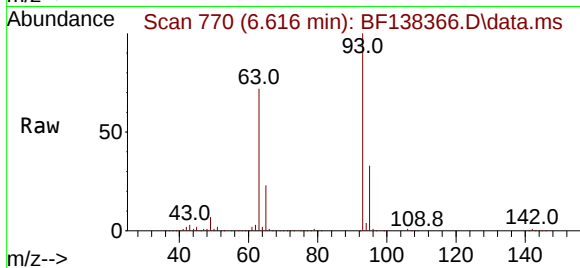
#11  
bis(2-Chloroethyl)ether  
Concen: 44.406 ng  
RT: 6.616 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS

Tgt Ion: 93 Resp: 750824  
Ion Ratio Lower Upper  
93 100  
63 72.4 52.5 92.5  
95 33.1 13.2 53.2

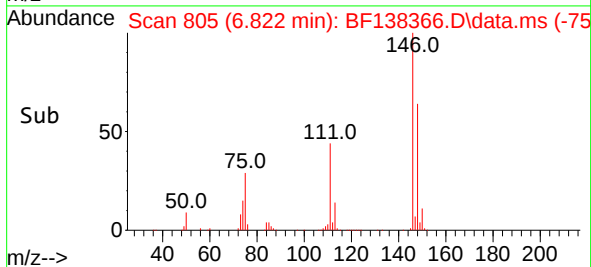
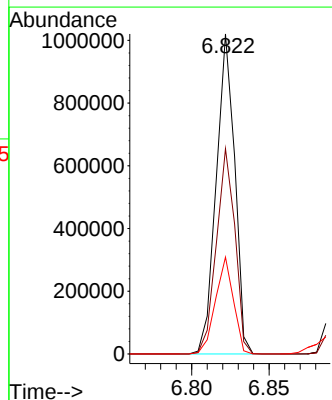
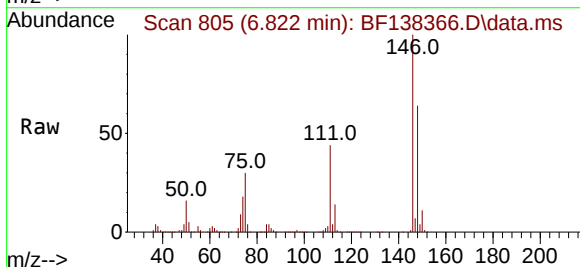
Manual Integrations  
APPROVED

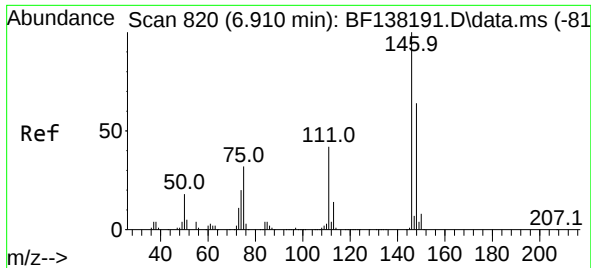
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#12  
1,3-Dichlorobenzene  
Concen: 41.966 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

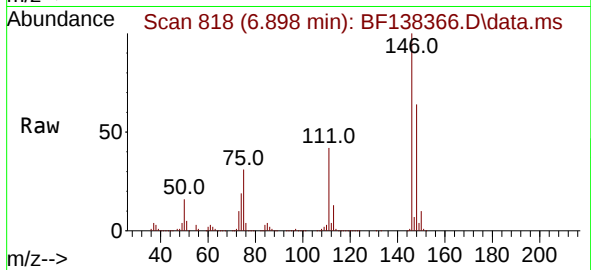
Tgt Ion:146 Resp: 846492  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.6  
75 30.2 24.3 36.5





#13  
1,4-Dichlorobenzene  
Concen: 42.065 ng  
RT: 6.898 min Scan# 818  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

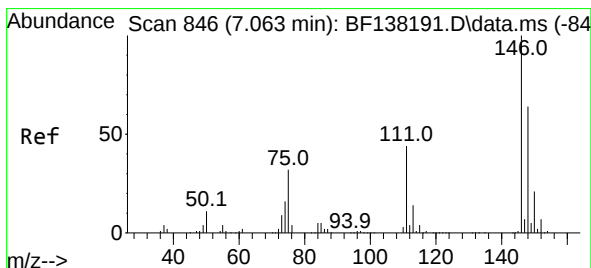
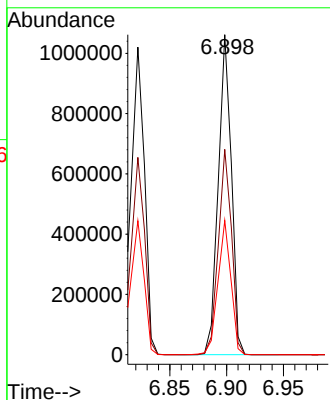
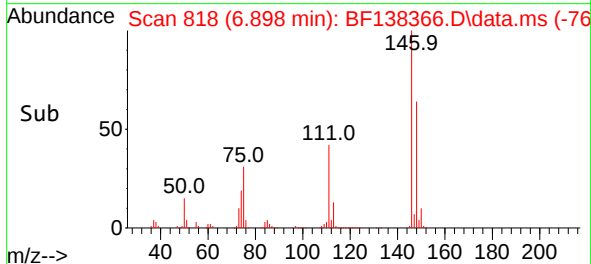
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:146 Resp: 85387  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
111 42.0 33.7 50.5

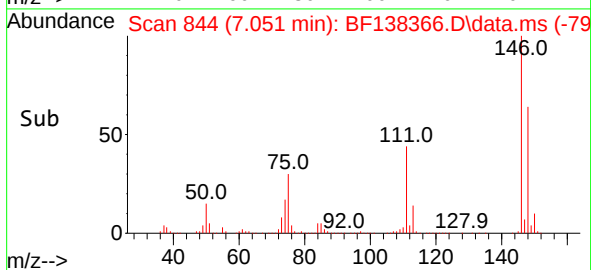
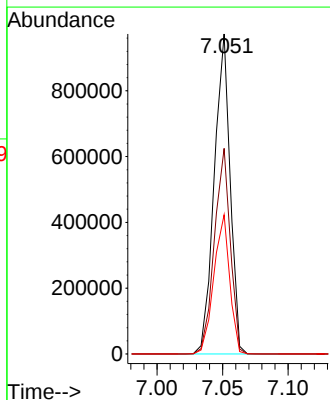
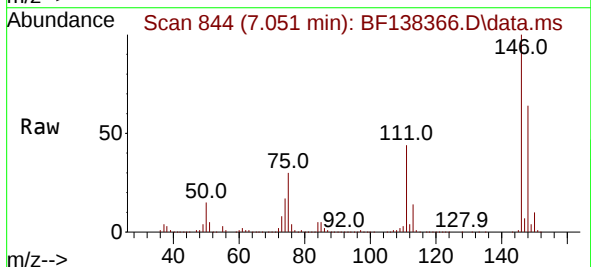
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#14  
1,2-Dichlorobenzene  
Concen: 42.971 ng  
RT: 7.051 min Scan# 844  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

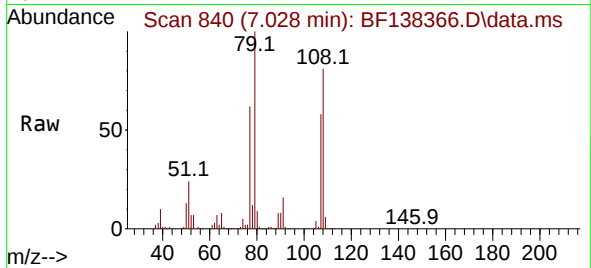
Tgt Ion:146 Resp: 818850  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.2 76.8  
111 43.5 35.4 53.2





#15  
Benzyl Alcohol  
Concen: 47.684 ng  
RT: 7.028 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

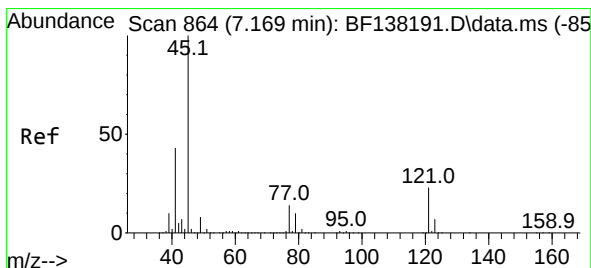
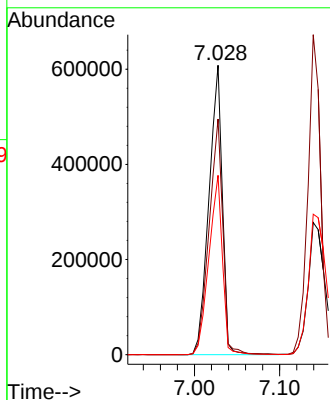
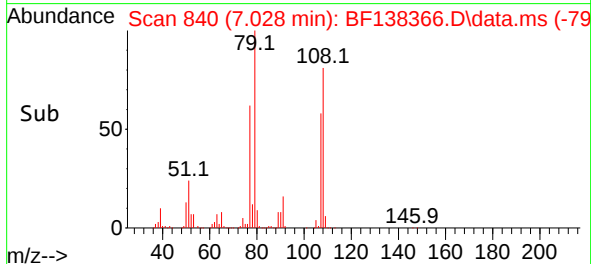
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion: 79 Resp: 669314  
Ion Ratio Lower Upper  
79 100  
108 81.4 65.9 98.9  
77 62.0 50.3 75.5

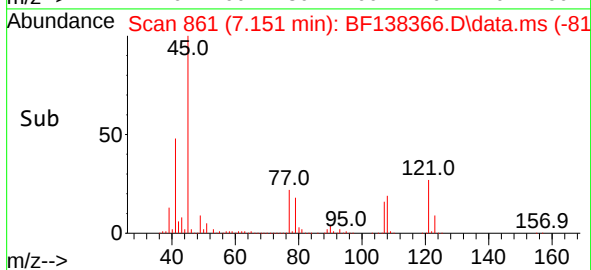
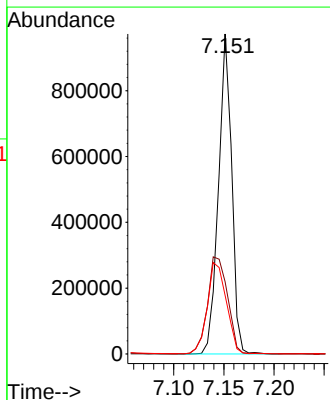
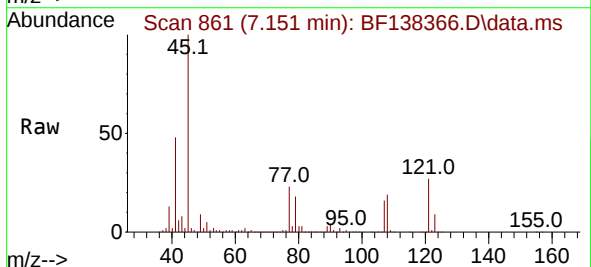
Manual Integrations  
APPROVED

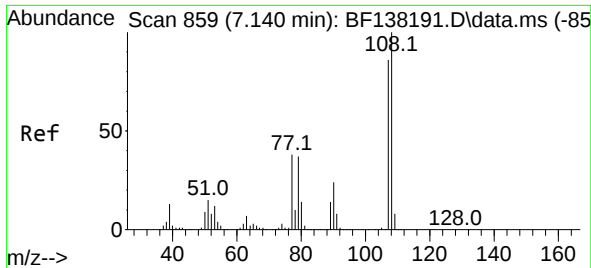
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.260 ng  
RT: 7.151 min Scan# 861  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

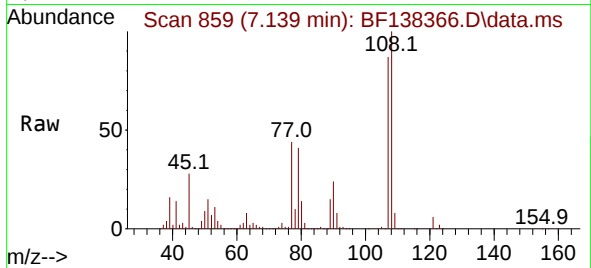
Tgt Ion: 45 Resp: 889126  
Ion Ratio Lower Upper  
45 100  
77 22.6 0.0 33.9  
79 18.4 0.0 30.7





#17  
2-Methylphenol  
Concen: 44.047 ng  
RT: 7.139 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

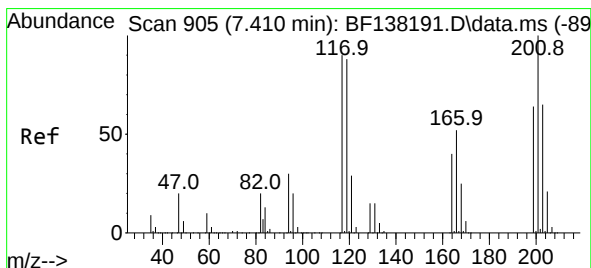
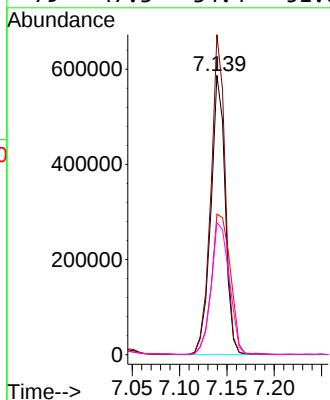
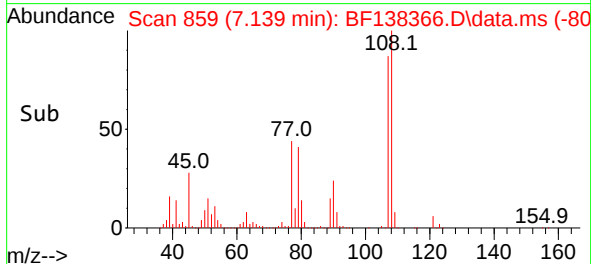
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



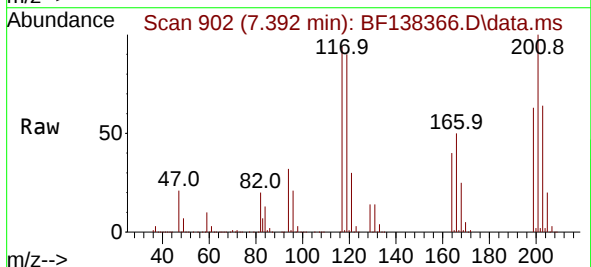
Tgt Ion:107 Resp: 616812  
Ion Ratio Lower Upper  
107 100  
108 114.6 92.7 139.1  
77 50.3 35.7 53.5  
79 47.3 34.4 51.6

Manual Integrations  
APPROVED

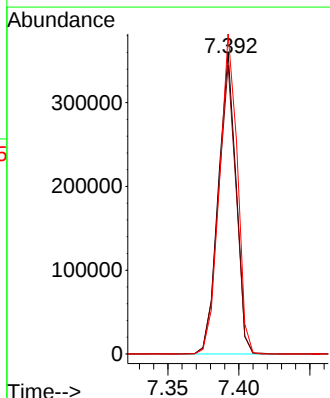
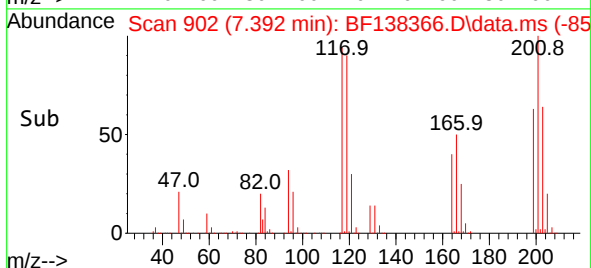
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

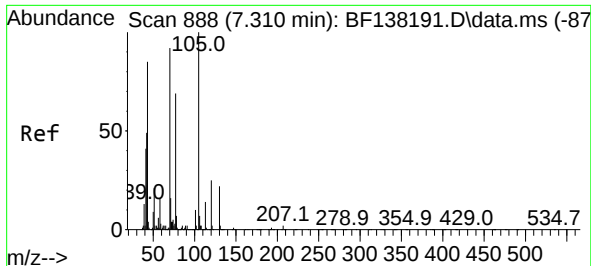


#18  
Hexachloroethane  
Concen: 45.042 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



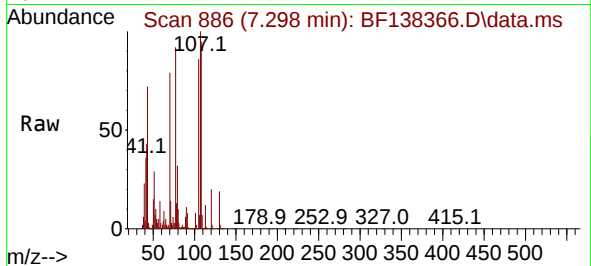
Tgt Ion:117 Resp: 309751  
Ion Ratio Lower Upper  
117 100  
119 95.9 78.4 117.6  
201 106.2 89.0 133.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.482 ng  
RT: 7.298 min Scan# 888  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

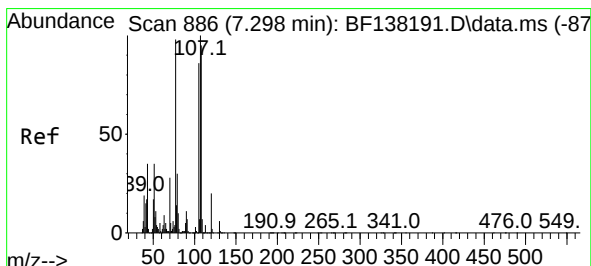
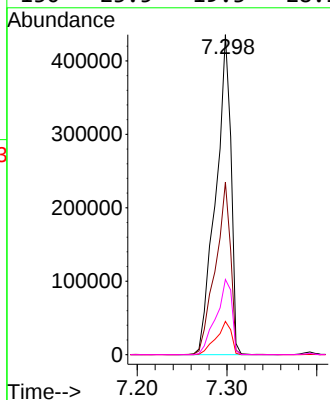
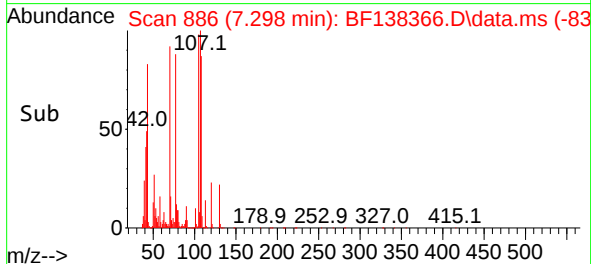
Instrument :  
BNA\_F  
Client SampleId :  
7-S-1MS



Tgt Ion: 70 Resp: 511870  
Ion Ratio Lower Upper  
70 100  
42 53.9 42.8 64.2  
101 10.4 8.4 12.6  
130 23.5 19.3 28.9

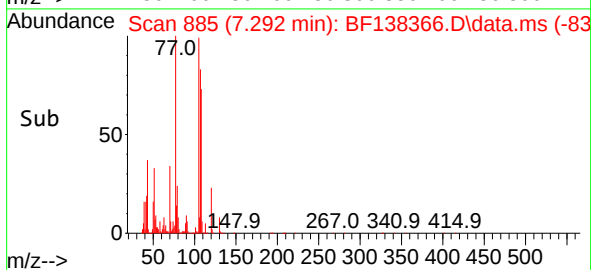
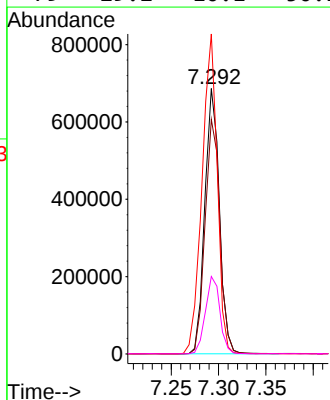
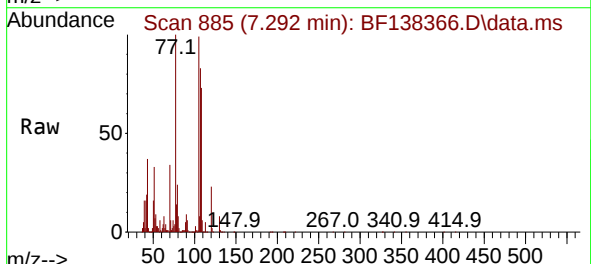
Manual Integrations  
APPROVED

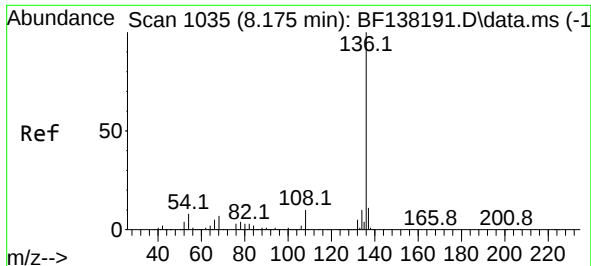
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#20  
3+4-Methylphenols  
Concen: 41.481 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

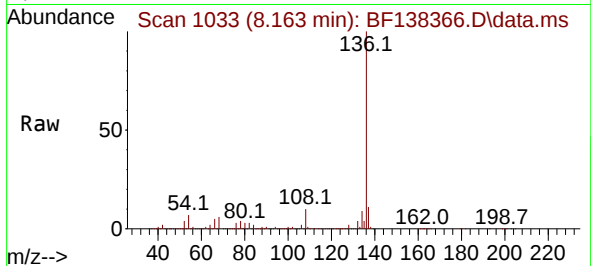
Tgt Ion:107 Resp: 731130  
Ion Ratio Lower Upper  
107 100  
108 88.4 74.9 114.9  
77 120.6 78.2 118.2#  
79 29.2 10.1 50.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

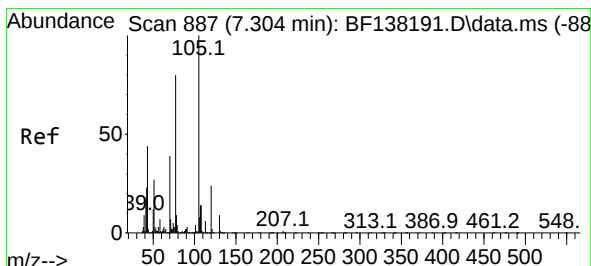
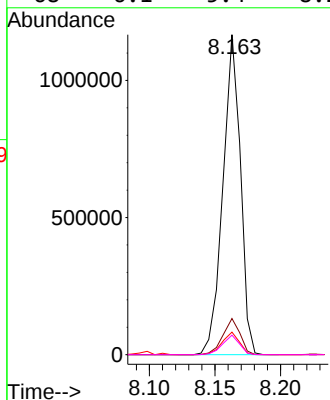
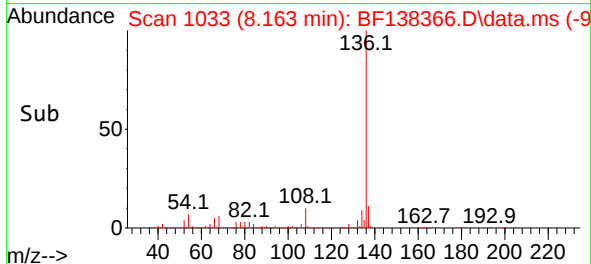
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



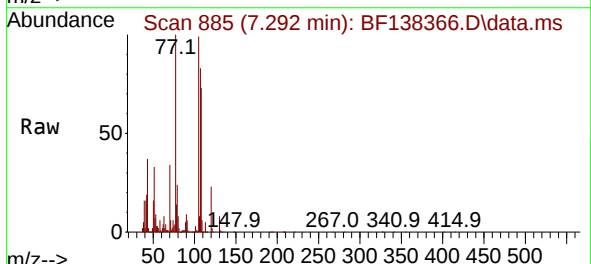
Tgt Ion:136 Resp: 1083119  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 7.0 6.6 10.0  
68 6.1 5.4 8.2

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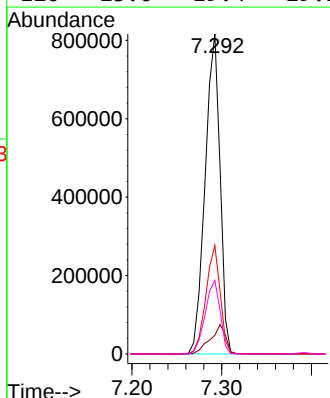
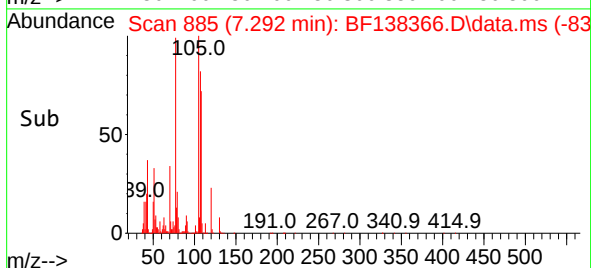
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#22  
Acetophenone  
Concen: 38.008 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



Tgt Ion:105 Resp: 940427  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.4 8.2  
51 33.9 21.4 32.0#  
120 23.0 19.4 29.2





#23

Nitrobenzene-d5

Concen: 53.426 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

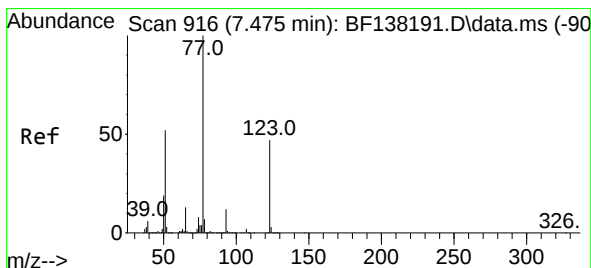
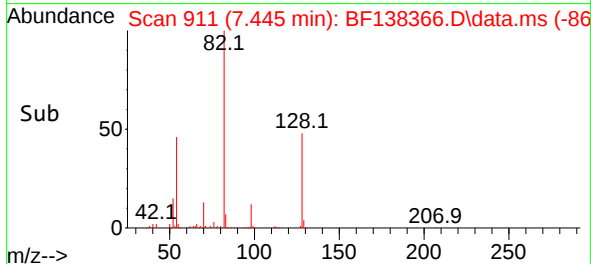
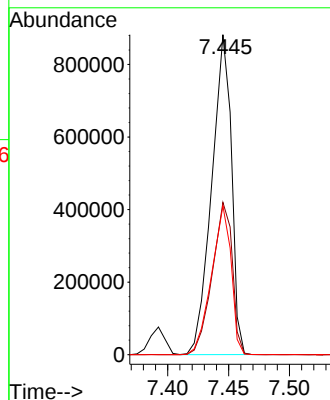
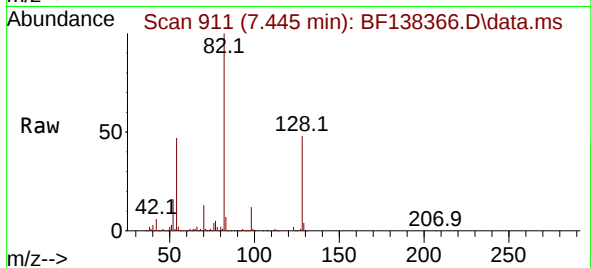
|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 99399 |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 128 47.6    | 37.2 55.8   |
| 54 46.5     | 39.8 59.6   |

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#24

Nitrobenzene

Concen: 41.708 ng

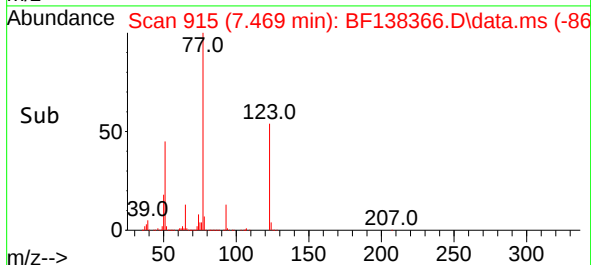
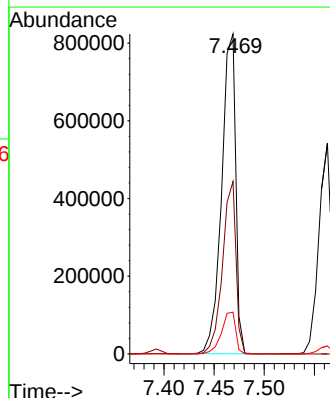
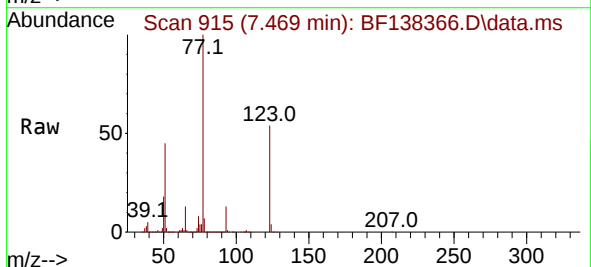
RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

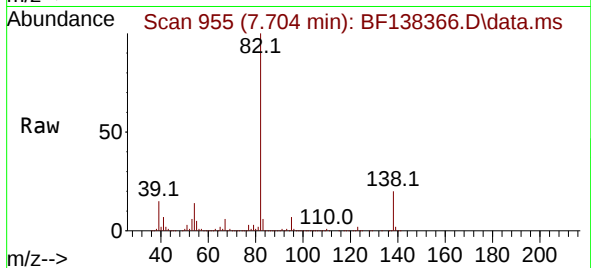
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 80199 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 123 53.9    | 37.3 55.9   |
| 65 13.0     | 10.6 15.8   |





#25  
Isophorone  
Concen: 43.589 ng  
RT: 7.704 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

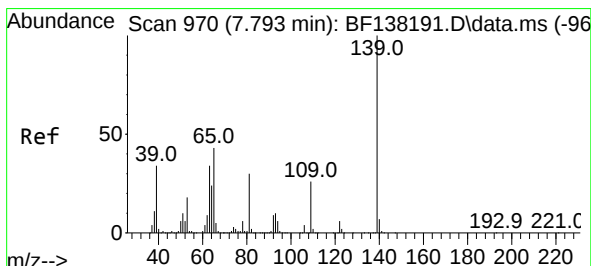
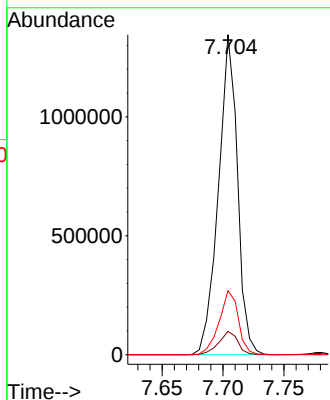
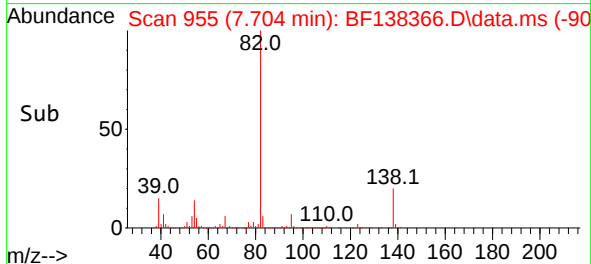
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion: 82 Resp: 146689  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.6 8.4  
138 20.0 16.4 24.6

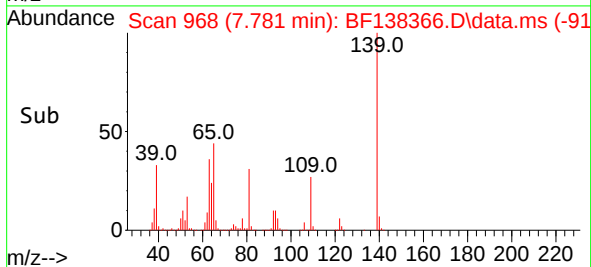
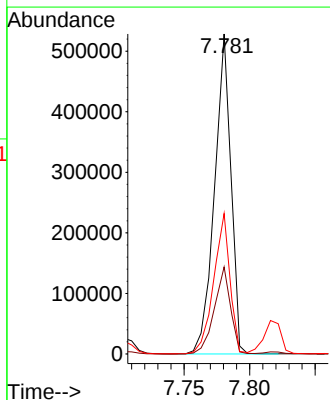
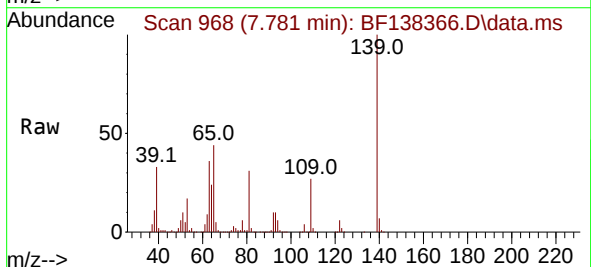
Manual Integrations  
APPROVED

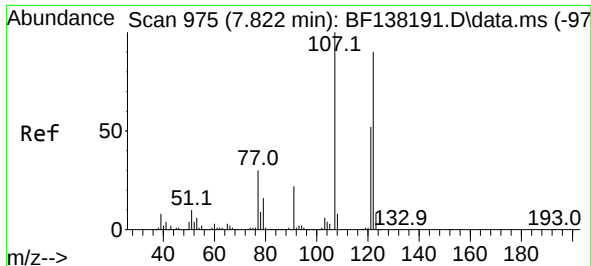
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#26  
2-Nitrophenol  
Concen: 59.267 ng  
RT: 7.781 min Scan# 968  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:139 Resp: 458267  
Ion Ratio Lower Upper  
139 100  
109 27.2 20.7 31.1  
65 43.9 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 48.131 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:122 Resp: 56620

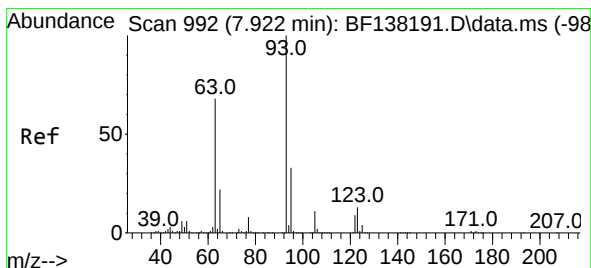
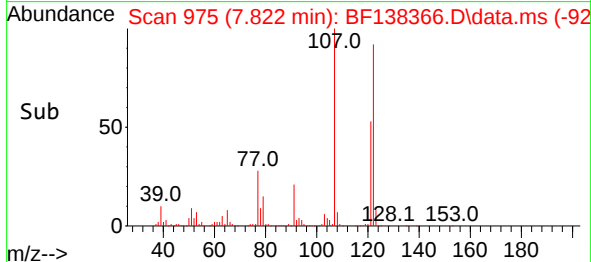
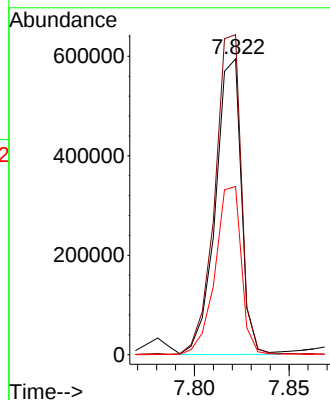
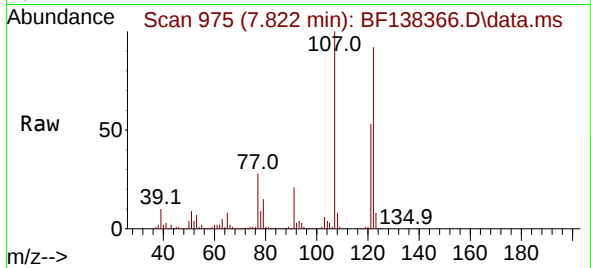
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 108.2 | 87.7  | 131.5 |
| 121 | 56.9  | 45.8  | 68.8  |

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.251 ng

RT: 7.910 min Scan# 990

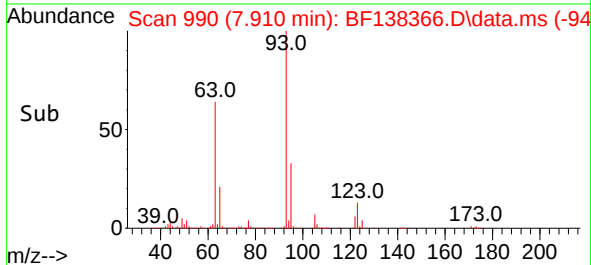
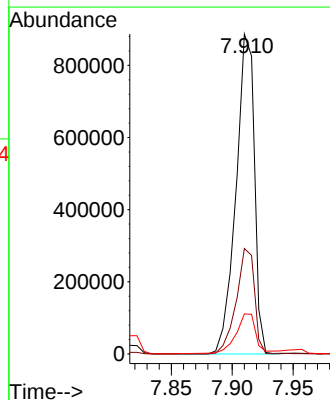
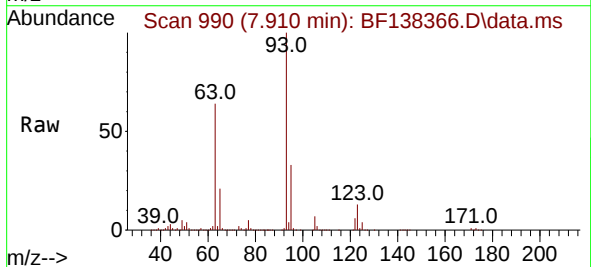
Delta R.T. -0.012 min

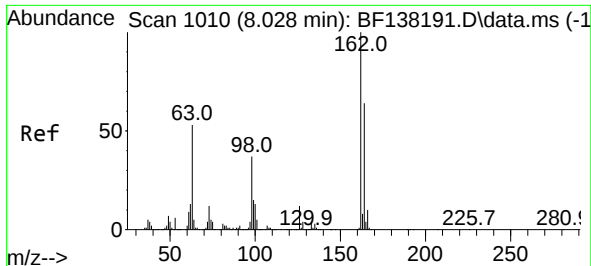
Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Tgt Ion: 93 Resp: 932187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.9  | 26.6  | 39.8  |
| 123 | 12.5  | 10.2  | 15.4  |





#29

2,4-Dichlorophenol

Concen: 44.993 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138366.D

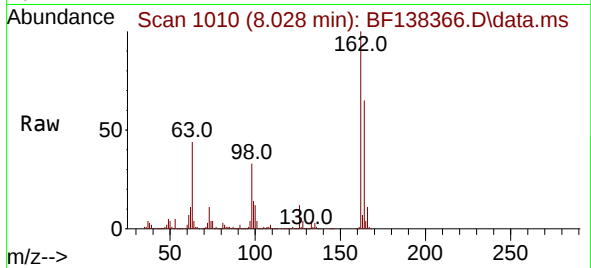
Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS



Tgt Ion:162 Resp: 681429

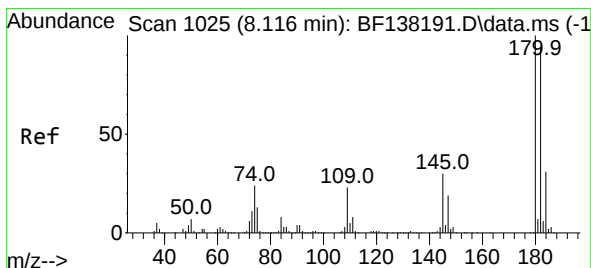
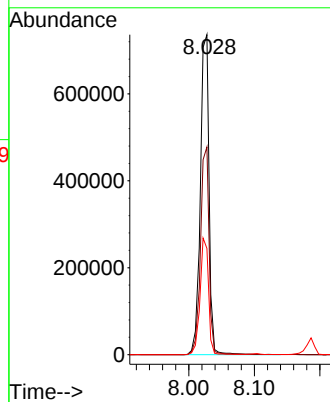
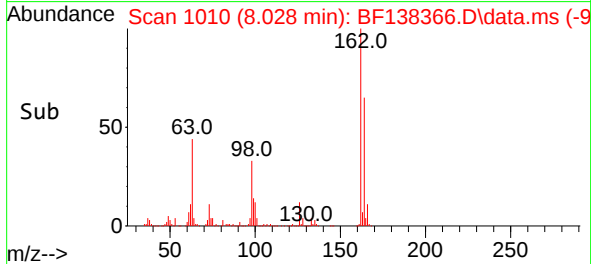
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.9  | 44.3  | 84.3  |
| 98  | 33.2  | 16.5  | 56.5  |

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#30

1,2,4-Trichlorobenzene

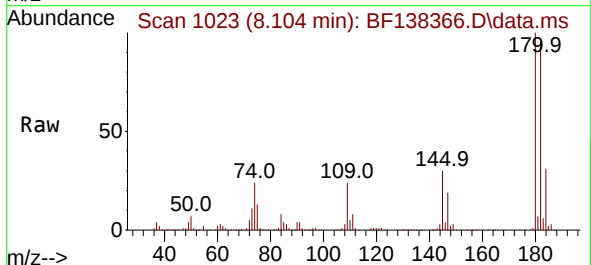
Concen: 42.241 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

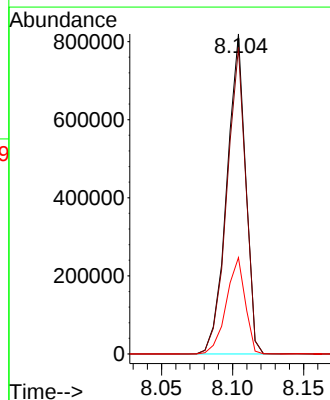
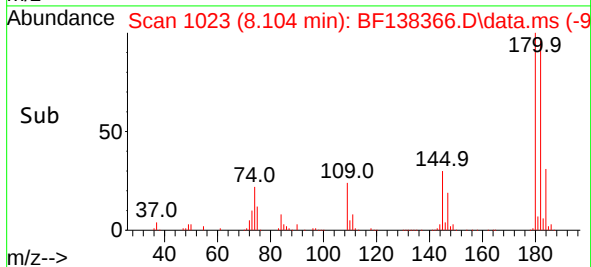
Lab File: BF138366.D

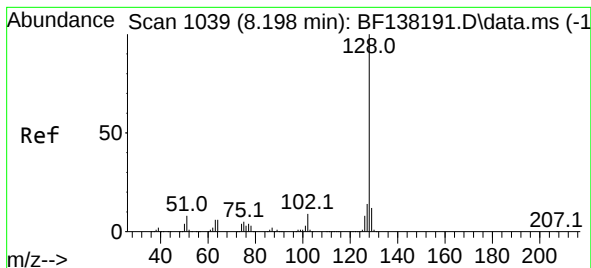
Acq: 27 Jun 2024 15:06



Tgt Ion:180 Resp: 754479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.7  | 75.0  | 112.6 |
| 145 | 30.1  | 23.8  | 35.6  |





#31

Naphthalene

Concen: 41.735 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:128 Resp: 2235240

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

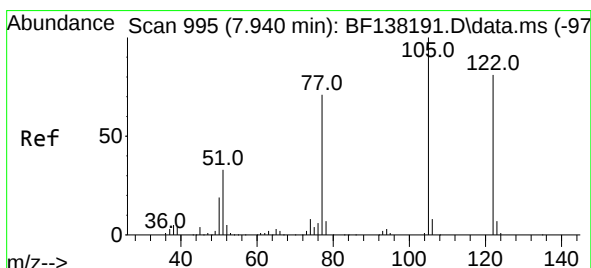
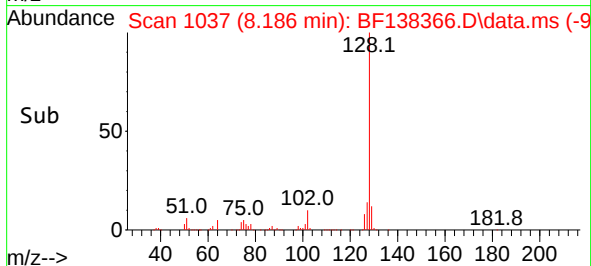
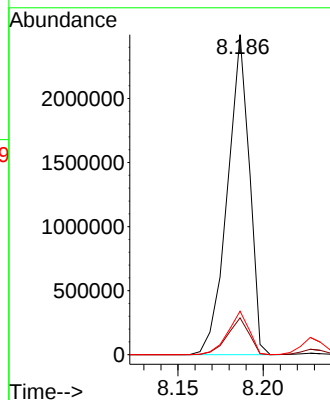
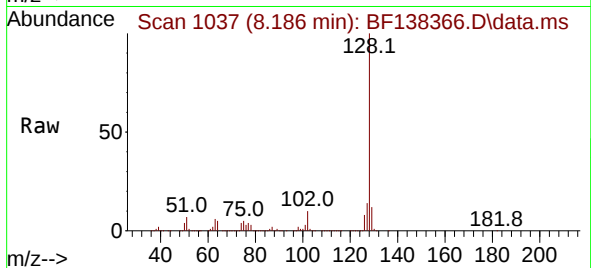
127 13.6 11.0 16.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#32

Benzoic acid

Concen: 42.333 ng m

RT: 7.957 min Scan# 998

Delta R.T. 0.017 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

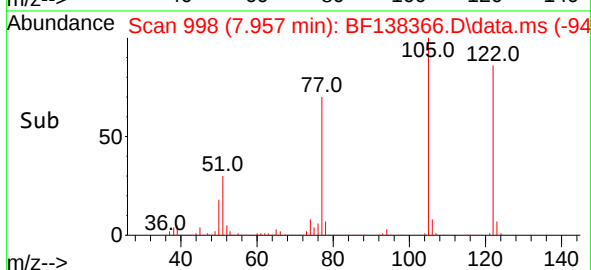
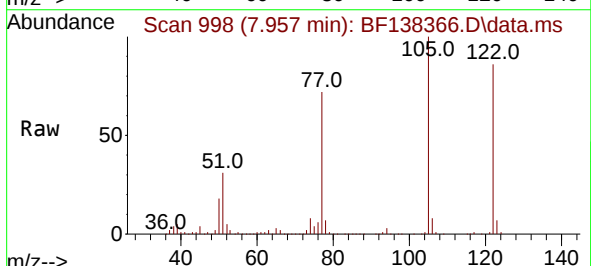
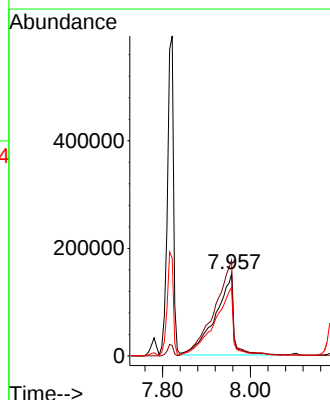
Tgt Ion:122 Resp: 438912

Ion Ratio Lower Upper

122 100

105 116.7 100.1 140.1

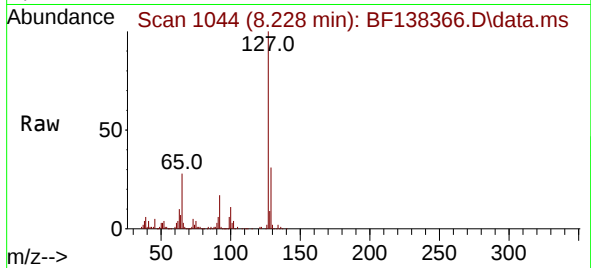
77 83.6 66.5 106.5





#33  
4-Chloroaniline  
Concen: 8.076 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

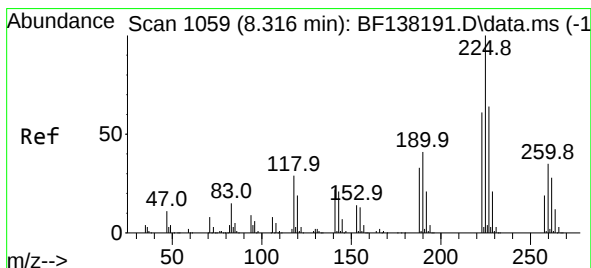
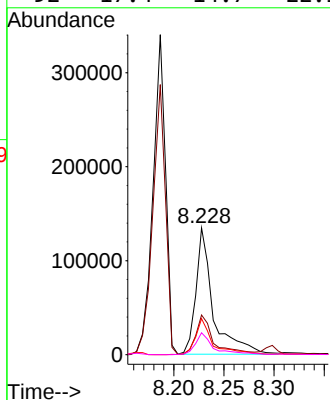
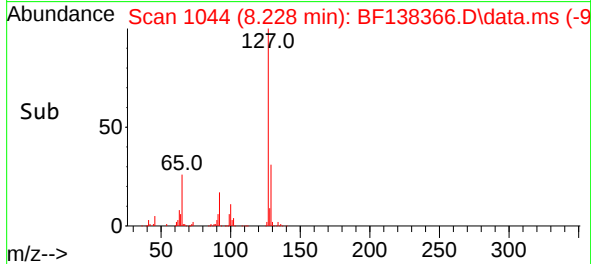
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:127 Resp: 161658  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.1 39.1  
65 28.4 23.6 35.4  
92 17.4 14.7 22.1

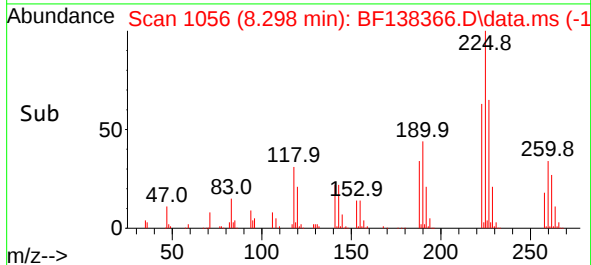
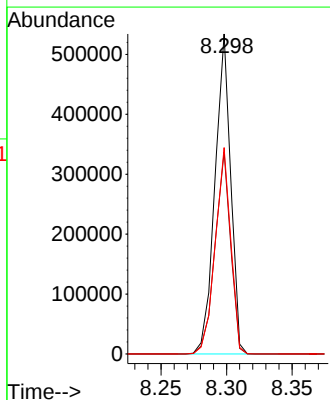
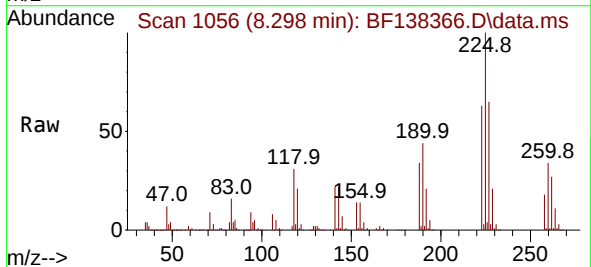
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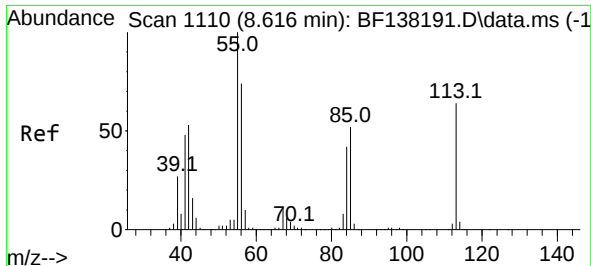
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#34  
Hexachlorobutadiene  
Concen: 42.541 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

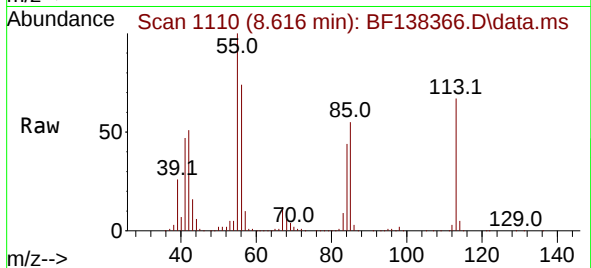
Tgt Ion:225 Resp: 444385  
Ion Ratio Lower Upper  
225 100  
223 63.2 49.0 73.6  
227 64.5 51.2 76.8





#35  
Caprolactam  
Concen: 44.343 ng m  
RT: 8.616 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

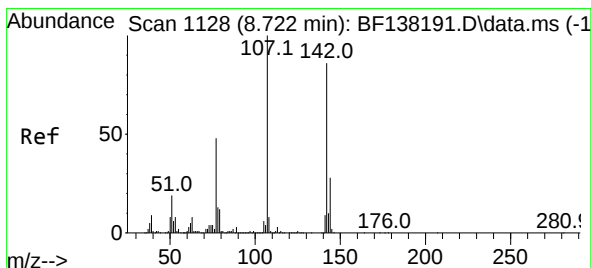
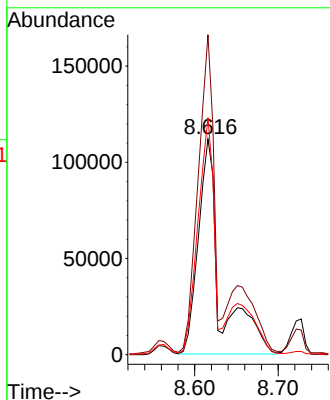
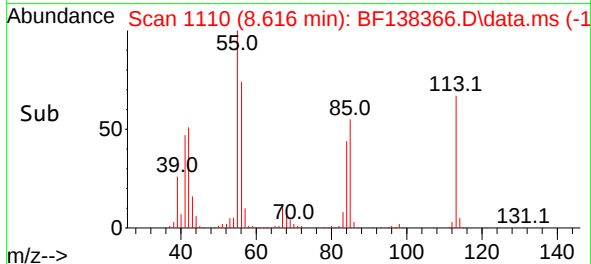
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



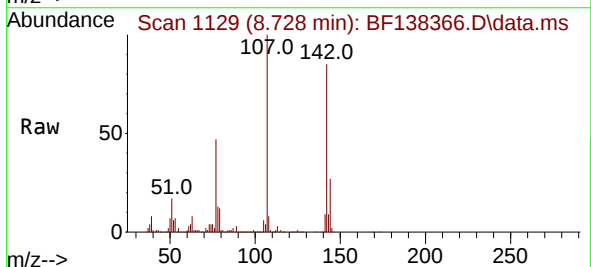
Tgt Ion:113 Resp: 20275  
Ion Ratio Lower Upper  
113 100  
55 148.5 135.4 175.4  
56 109.9 95.5 135.5

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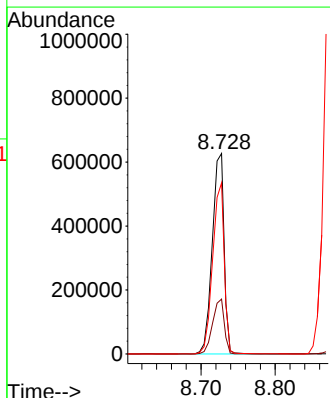
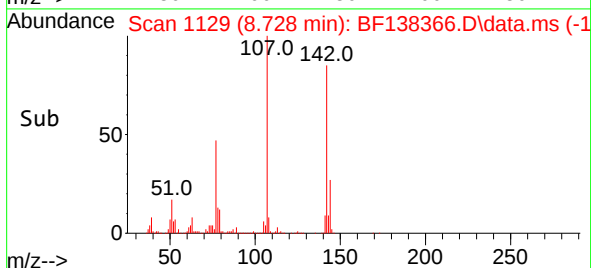
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

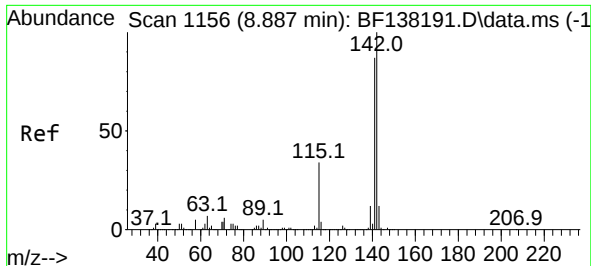


#36  
4-Chloro-3-methylphenol  
Concen: 46.055 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



Tgt Ion:107 Resp: 694485  
Ion Ratio Lower Upper  
107 100  
144 27.3 22.6 34.0  
142 85.3 69.0 103.4





#37

2-Methylnaphthalene

Concen: 42.331 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:142 Resp: 148791

Ion Ratio Lower Upper

142 100

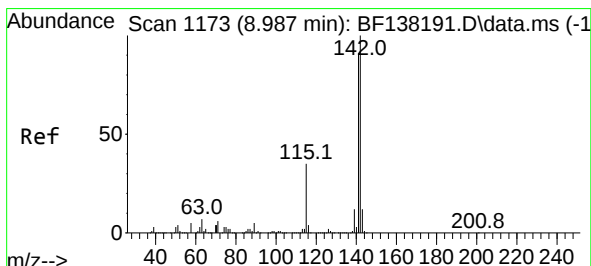
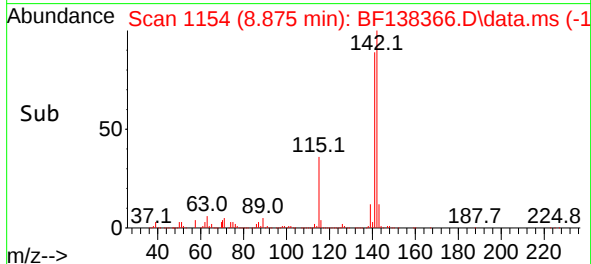
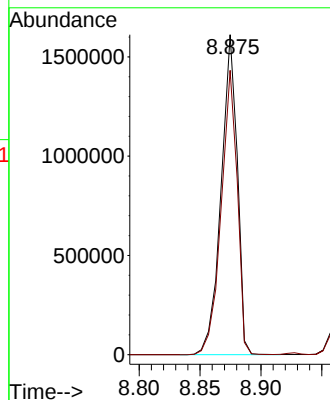
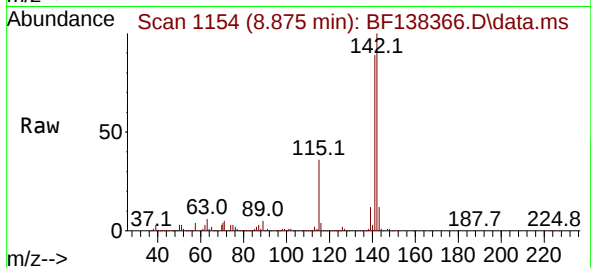
141 88.9 69.9 104.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#38

1-Methylnaphthalene

Concen: 40.127 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138366.D

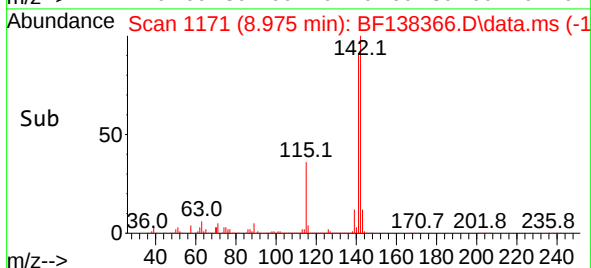
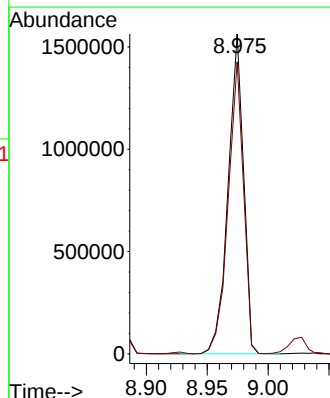
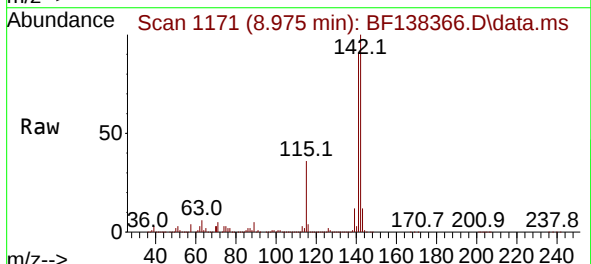
Acq: 27 Jun 2024 15:06

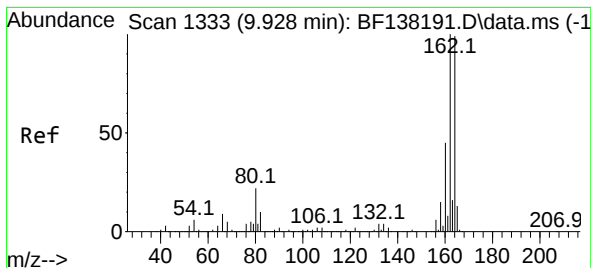
Tgt Ion:142 Resp: 1382172

Ion Ratio Lower Upper

142 100

141 91.3 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF138366.D

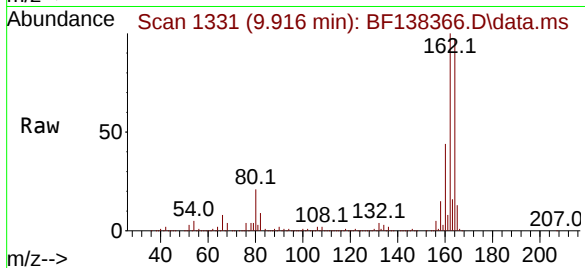
Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS



Tgt Ion:164 Resp: 580490

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

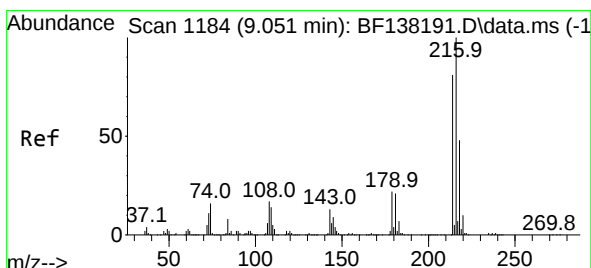
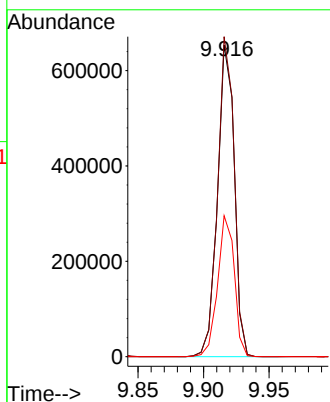
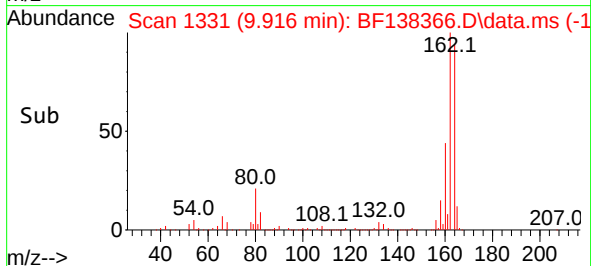
160 45.2 36.3 54.5

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.992 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Tgt Ion:216 Resp: 695352

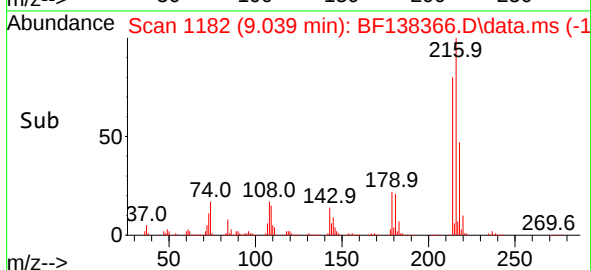
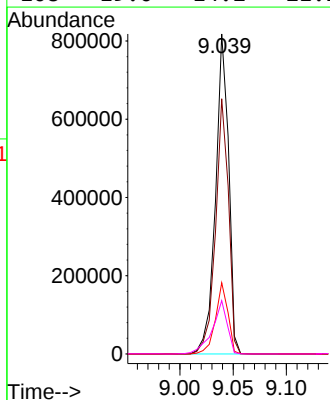
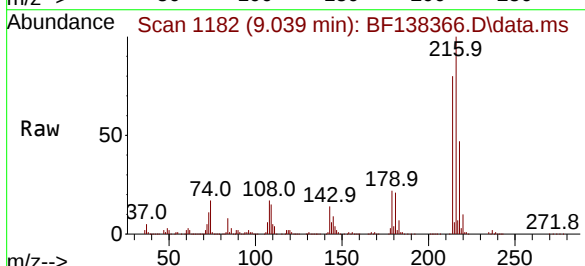
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 21.2 16.9 25.3

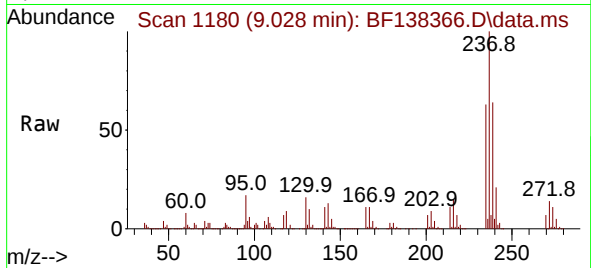
108 19.0 14.2 21.2





#41  
Hexachlorocyclopentadiene  
Concen: 125.003 ng  
RT: 9.028 min Scan# 1182  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

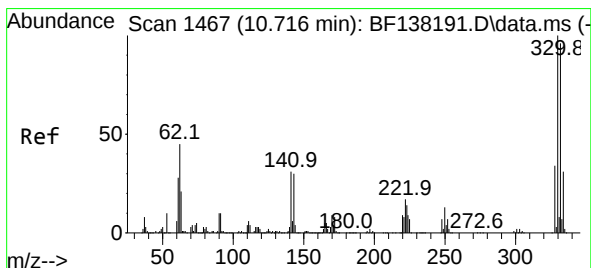
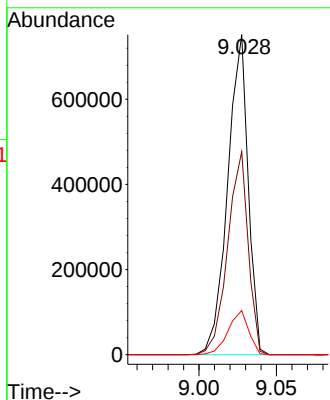
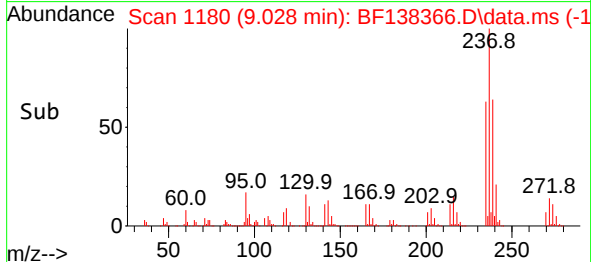
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



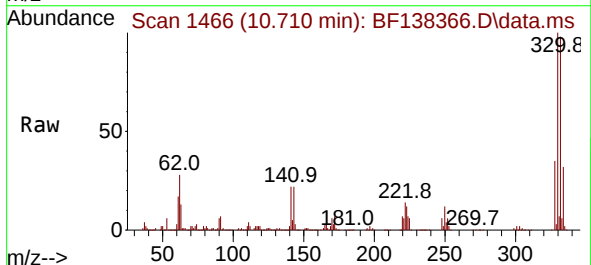
Tgt Ion:237 Resp: 691400  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.3 83.3  
272 13.8 0.0 34.0

Manual Integrations  
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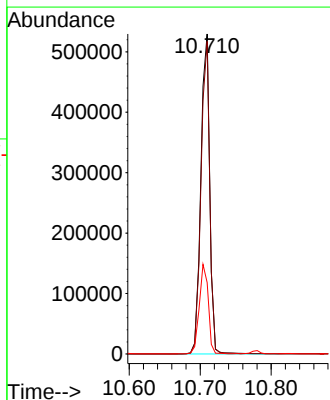
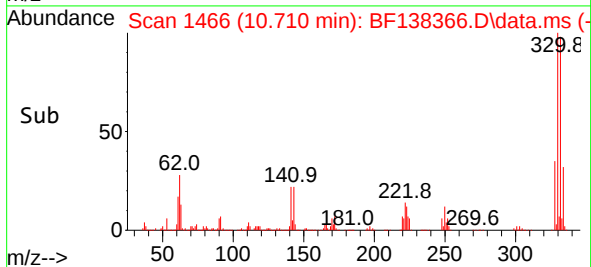
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

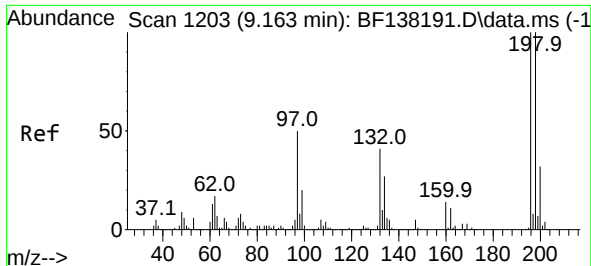


#42  
2,4,6-Tribromophenol  
Concen: 79.657 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



Tgt Ion:330 Resp: 460333  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.6 115.0  
141 28.4 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 47.361 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:196 Resp: 503034

Ion Ratio Lower Upper

196 100

198 99.3 79.8 119.6

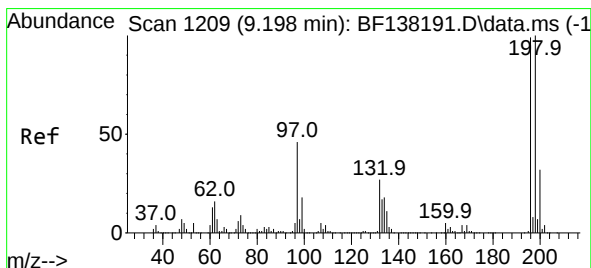
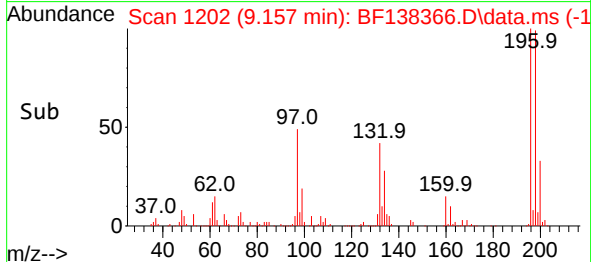
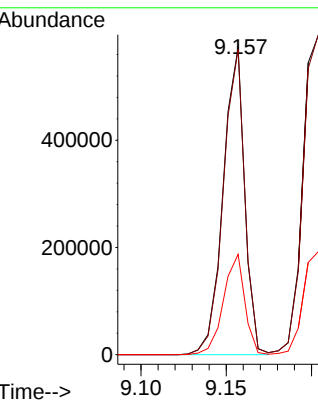
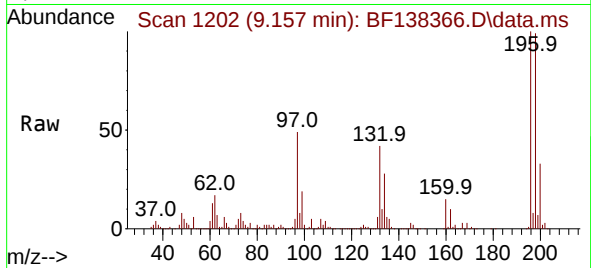
200 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#44

2,4,5-Trichlorophenol

Concen: 44.276 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Tgt Ion:196 Resp: 516446

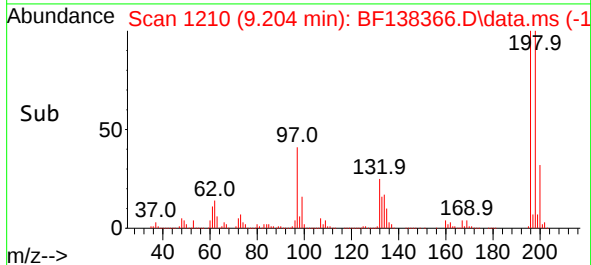
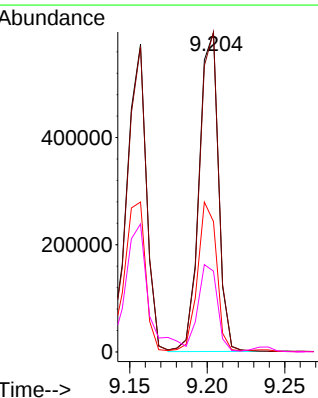
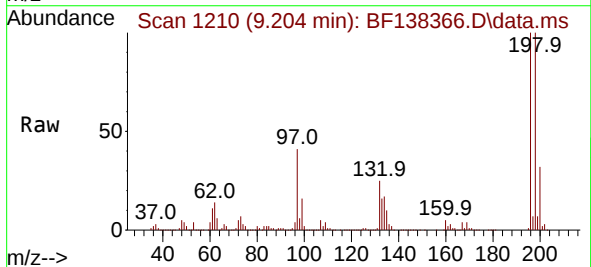
Ion Ratio Lower Upper

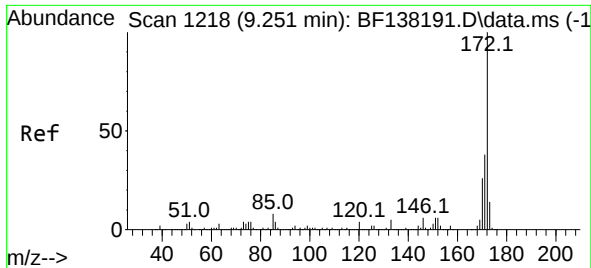
196 100

198 100.3 80.4 120.6

97 40.9 37.4 56.2

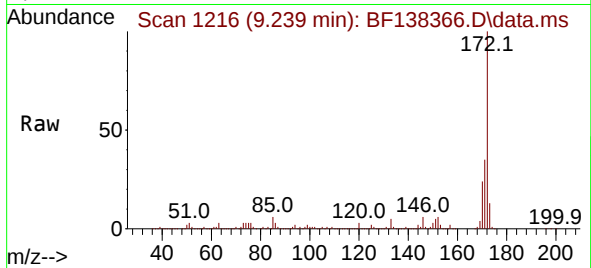
132 25.3 21.8 32.6





#45  
2-Fluorobiphenyl  
Concen: 49.147 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

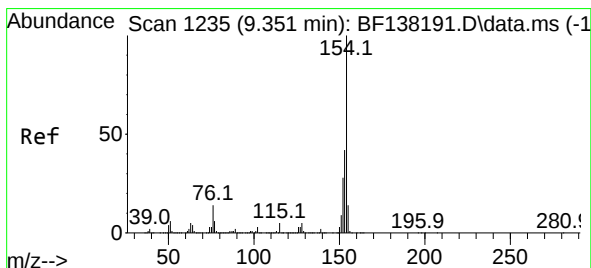
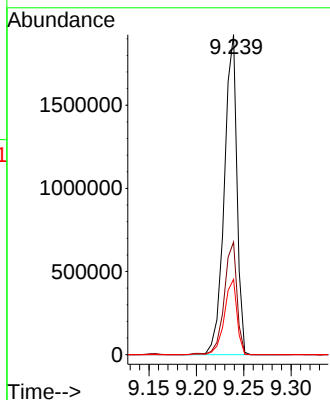
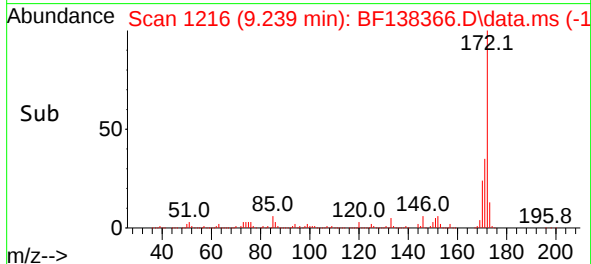
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



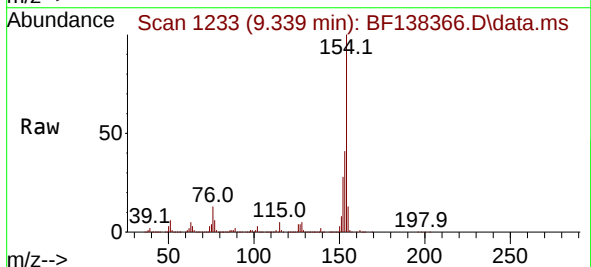
Tgt Ion:172 Resp: 179412  
Ion Ratio Lower Upper  
172 100  
171 35.2 30.3 45.5  
170 23.5 20.6 30.8

Manual Integrations  
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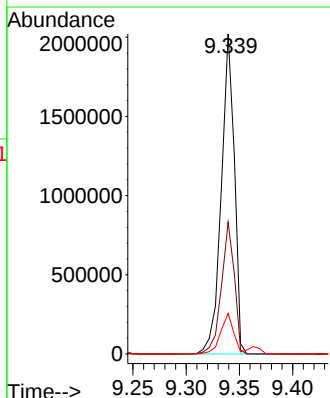
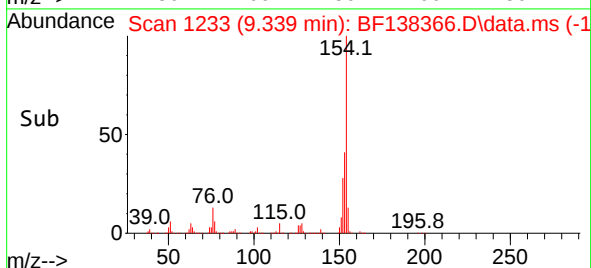
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

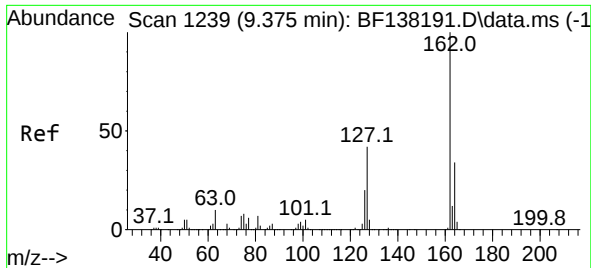


#46  
1,1'-Biphenyl  
Concen: 40.315 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



Tgt Ion:154 Resp: 1717235  
Ion Ratio Lower Upper  
154 100  
153 41.2 22.1 62.1  
76 12.7 0.0 34.3





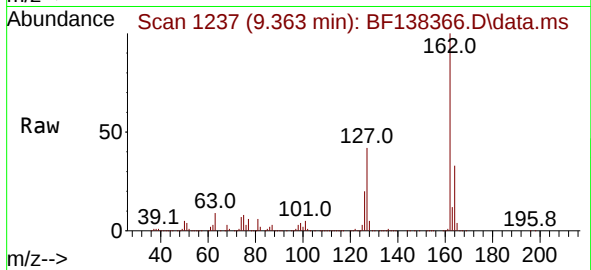
#47  
2-Chloronaphthalene  
Concen: 42.576 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS



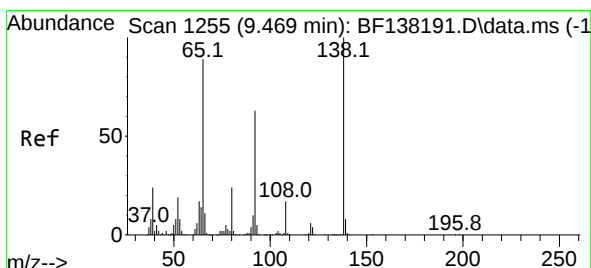
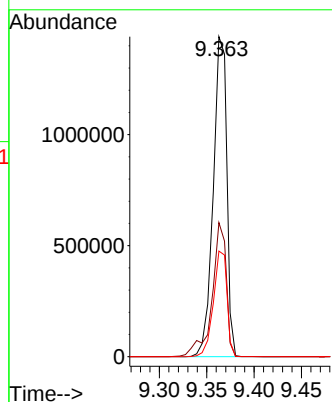
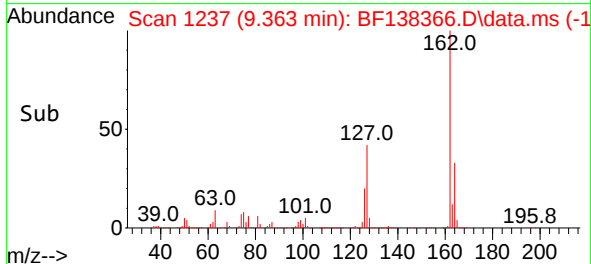
Tgt Ion:162 Resp: 143326  
Ion Ratio Lower Upper  
162 100  
127 41.9 33.6 50.4  
164 33.0 27.2 40.8

Manual Integrations

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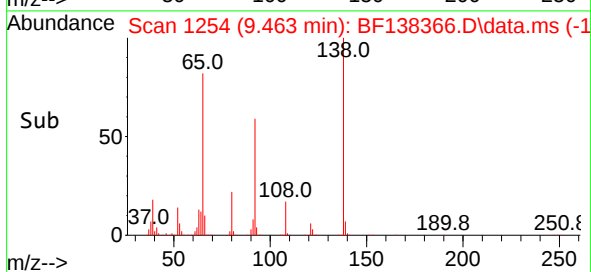
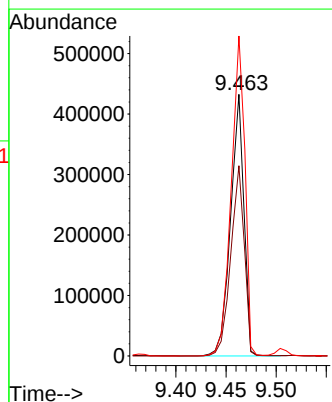
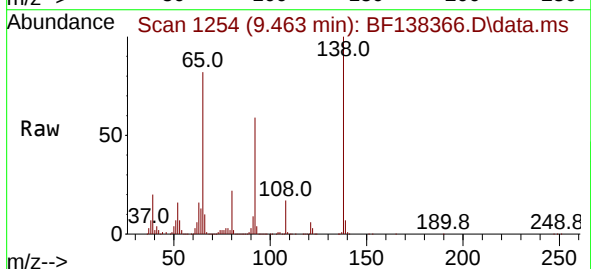
Reviewed By :Yogesh Patel 06/28/2024

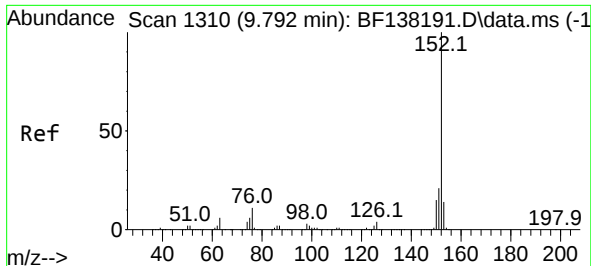
Supervised By :Jagrut Upadhyay 06/28/2024



#48  
2-Nitroaniline  
Concen: 49.332 ng  
RT: 9.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

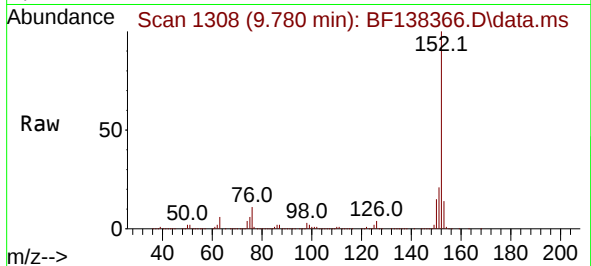
Tgt Ion: 65 Resp: 399937  
Ion Ratio Lower Upper  
65 100  
92 72.7 56.6 85.0  
138 122.3 90.1 135.1





#49  
Acenaphthylene  
Concen: 45.595 ng  
RT: 9.780 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

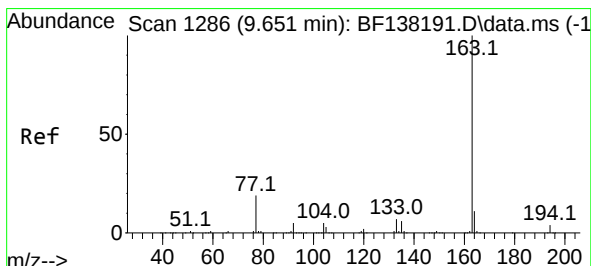
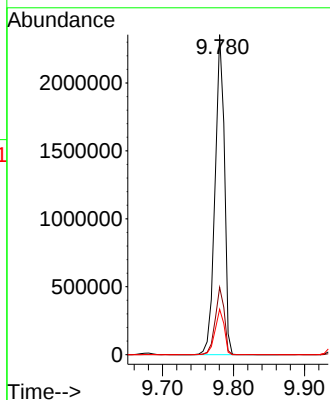
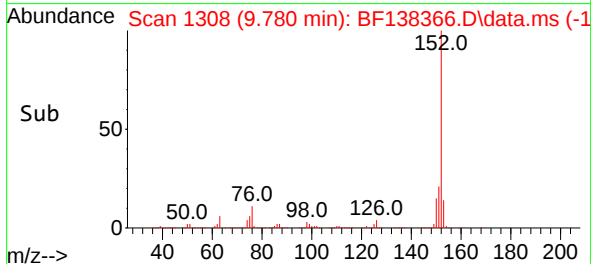
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



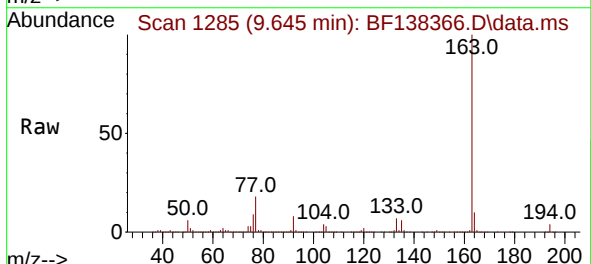
Tgt Ion:152 Resp: 2152308  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.9 25.3  
153 14.2 11.4 17.0

Manual Integrations  
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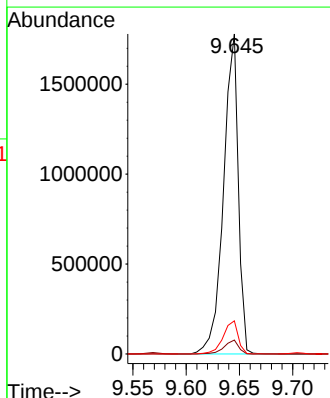
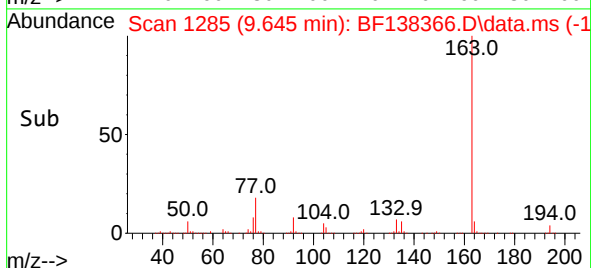
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

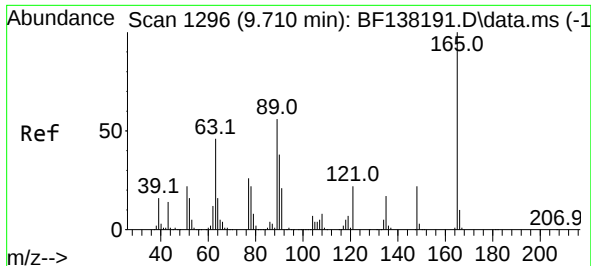


#50  
Dimethylphthalate  
Concen: 48.044 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



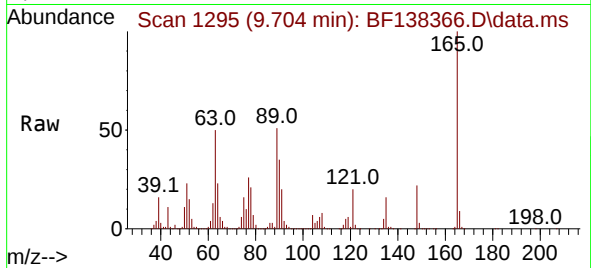
Tgt Ion:163 Resp: 1708770  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.3 8.5 12.7





#51  
2,6-Dinitrotoluene  
Concen: 50.857 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

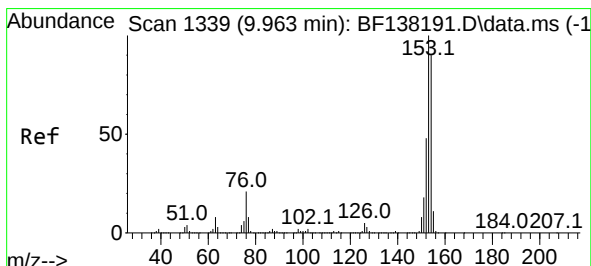
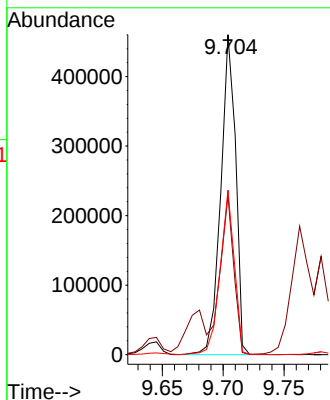
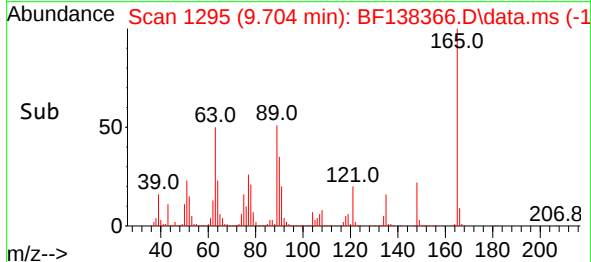
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



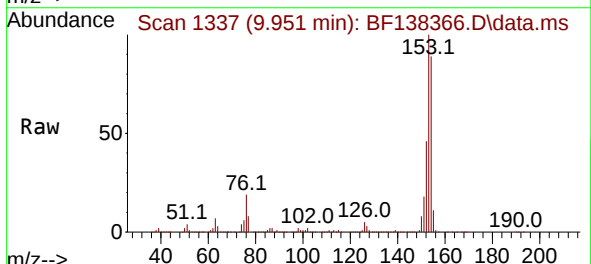
Tgt Ion:165 Resp: 392412  
Ion Ratio Lower Upper  
165 100  
63 49.7 43.7 65.5  
89 51.4 44.9 67.3

Manual Integrations  
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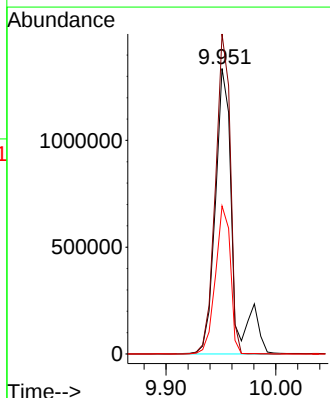
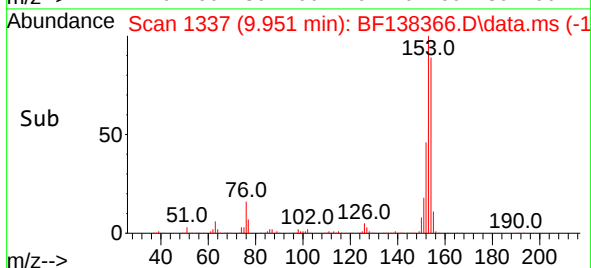
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

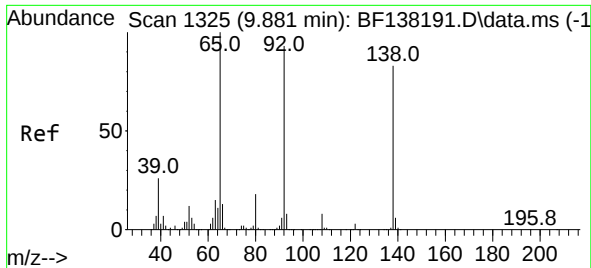


#52  
Acenaphthene  
Concen: 45.274 ng m  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



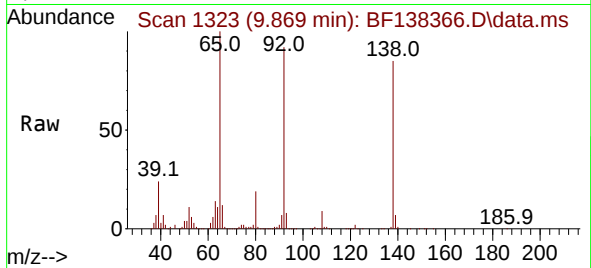
Tgt Ion:154 Resp: 1457309  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.1 133.7  
152 51.8 42.4 63.6





#53  
3-Nitroaniline  
Concen: 24.875 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

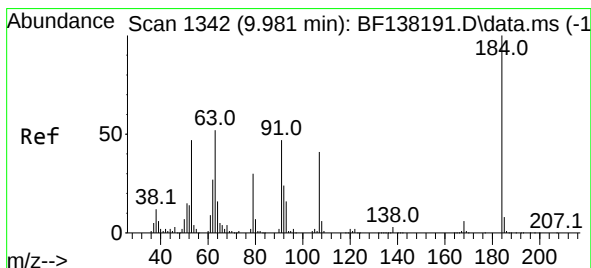
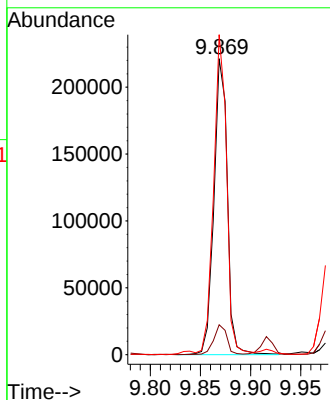
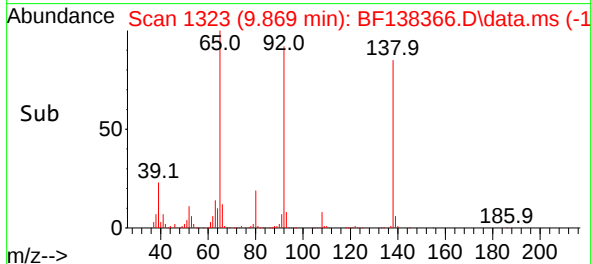
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:138 Resp: 205039  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.2 12.2  
92 108.1 90.0 135.0

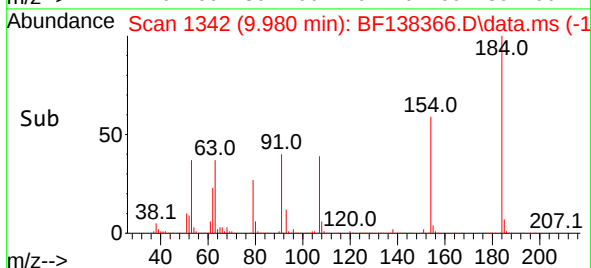
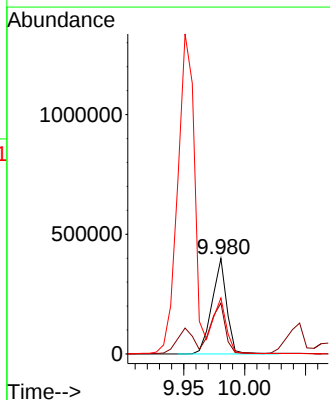
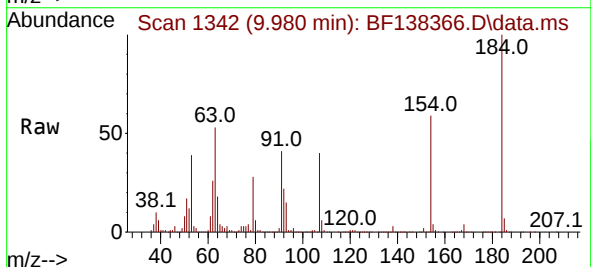
Manual Integrations  
APPROVED

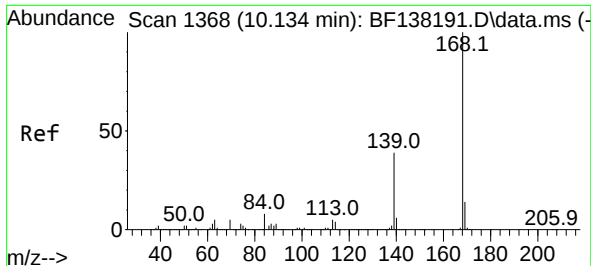
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#54  
2,4-Dinitrophenol  
Concen: 84.228 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.001 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

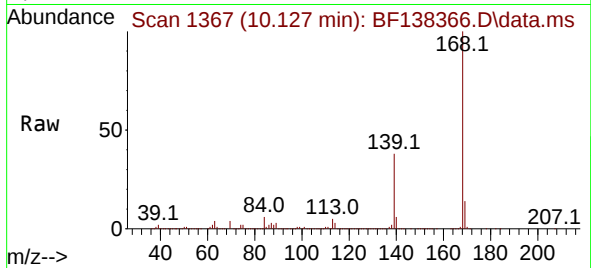
Tgt Ion:184 Resp: 336957  
Ion Ratio Lower Upper  
184 100  
63 53.3 49.2 73.8  
154 58.7 46.7 70.1





#55  
Dibenzenofuran  
Concen: 42.595 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

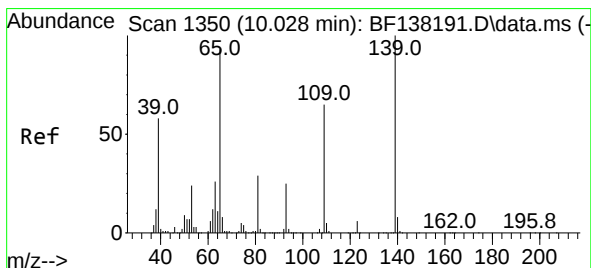
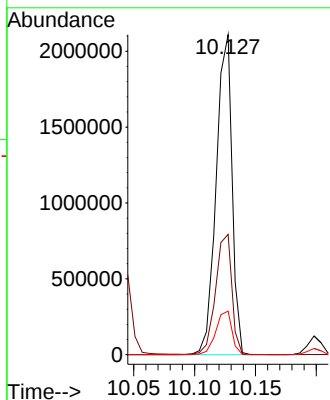
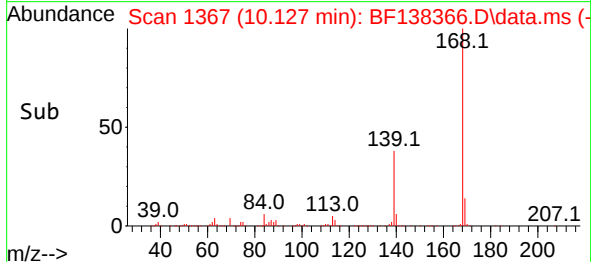
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:168 Resp: 1916699  
Ion Ratio Lower Upper  
168 100  
139 37.6 31.0 46.4  
169 13.6 11.4 17.0

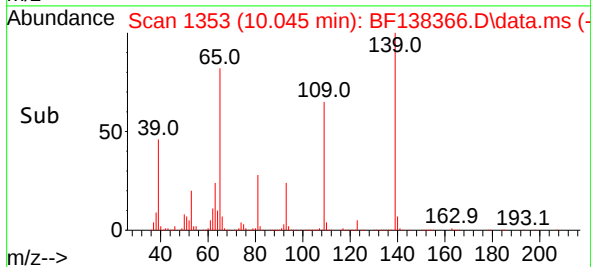
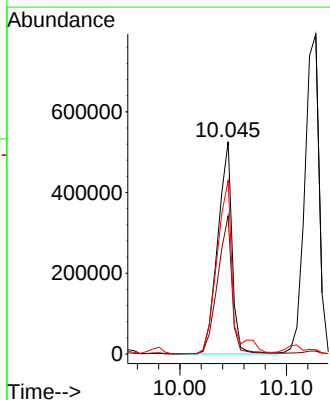
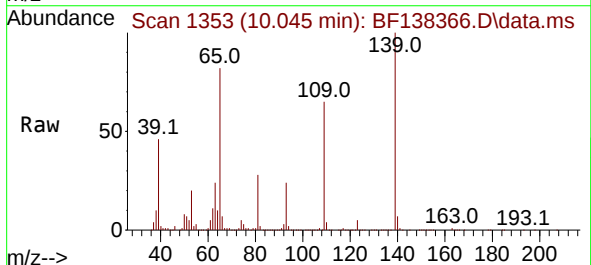
Manual Integrations  
APPROVED

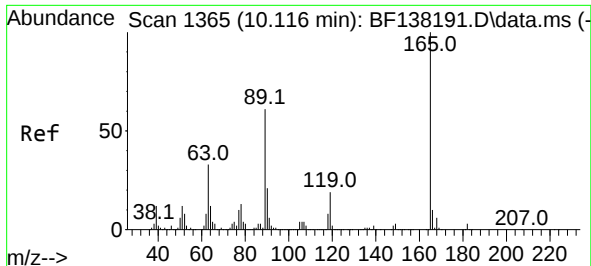
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#56  
4-Nitrophenol  
Concen: 75.283 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.017 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

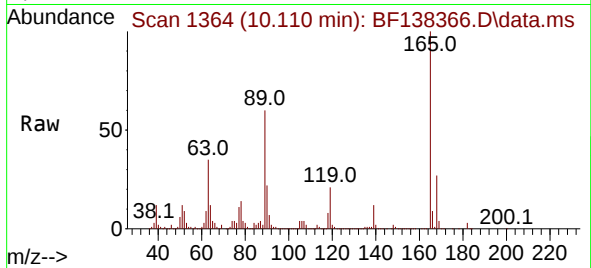
Tgt Ion:139 Resp: 490387  
Ion Ratio Lower Upper  
139 100  
109 65.1 44.6 84.6  
65 81.7 73.1 113.1





#57  
2,4-Dinitrotoluene  
Concen: 51.435 ng  
RT: 10.110 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

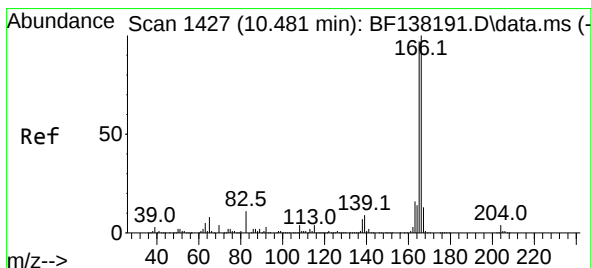
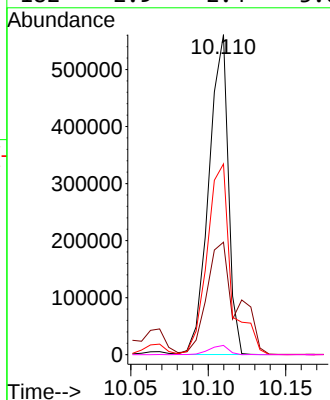
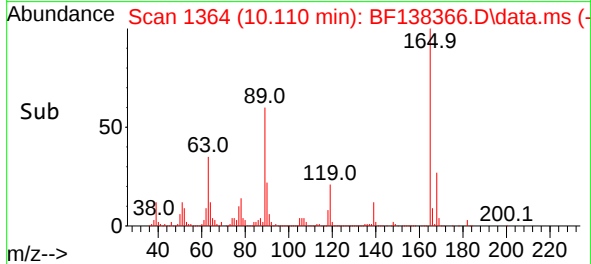
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



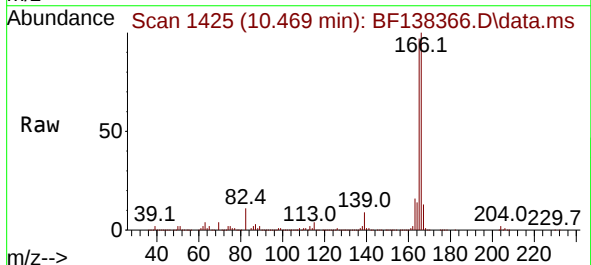
Tgt Ion:165 Resp: 489499  
Ion Ratio Lower Upper  
165 100  
63 35.1 26.6 39.8  
89 59.6 48.7 73.1  
182 2.9 2.4 3.6

Manual Integrations  
APPROVED

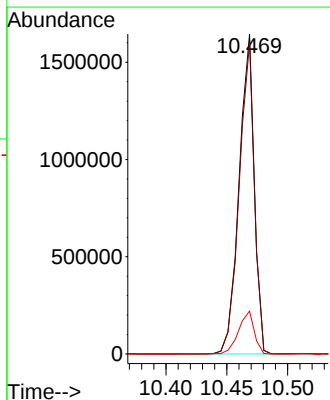
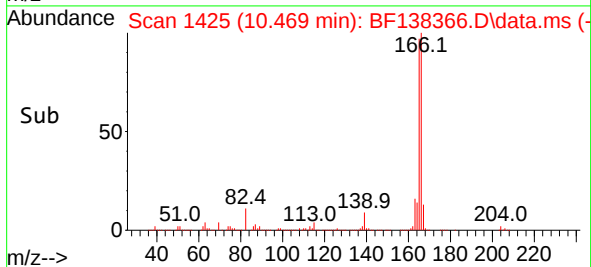
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

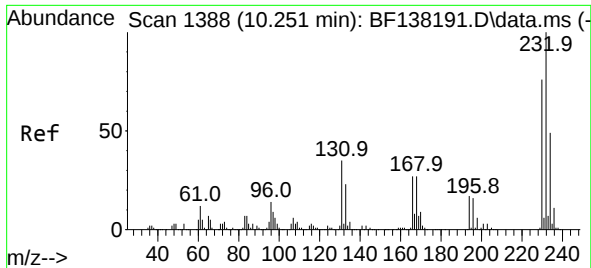


#58  
Fluorene  
Concen: 40.282 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



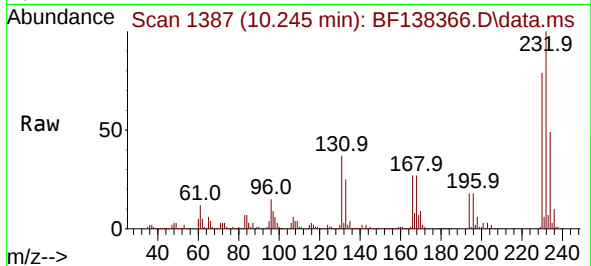
Tgt Ion:166 Resp: 1425148  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.9 116.9  
167 13.4 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.277 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

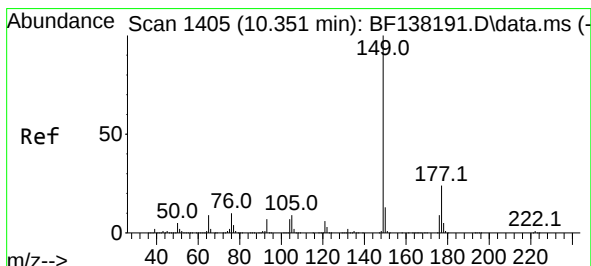
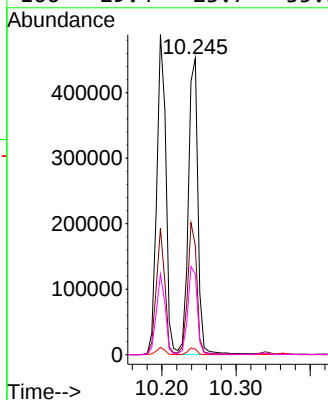
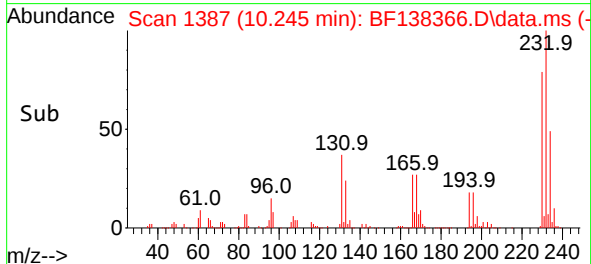
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



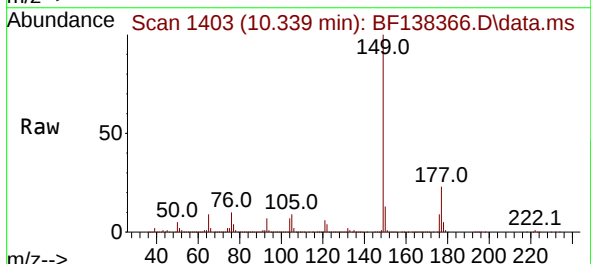
Tgt Ion:232 Resp: 403618  
Ion Ratio Lower Upper  
232 100  
131 42.5 33.6 50.4  
130 2.2 1.7 2.5  
166 29.4 23.7 35.5

Manual Integrations  
APPROVED

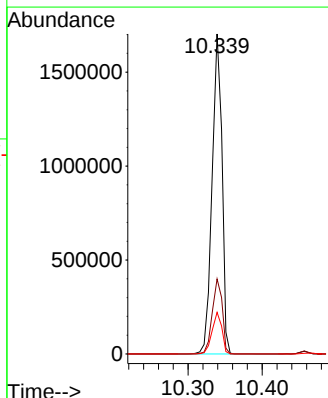
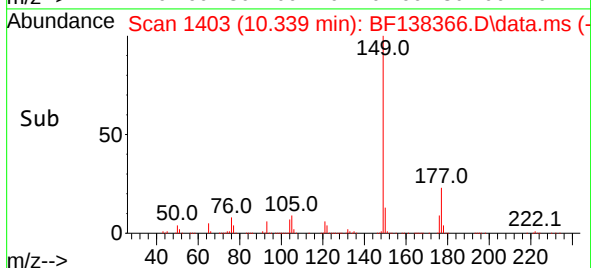
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

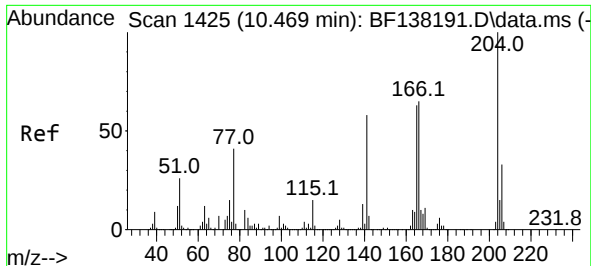


#60  
Diethylphthalate  
Concen: 46.629 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



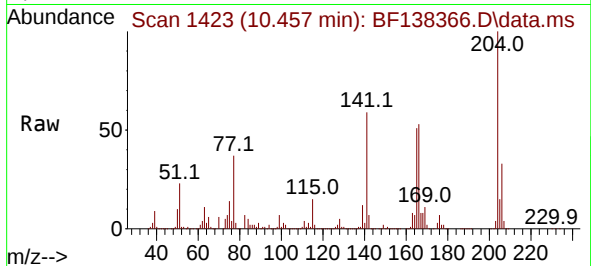
Tgt Ion:149 Resp: 1574010  
Ion Ratio Lower Upper  
149 100  
177 23.5 19.4 29.0  
150 13.0 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 42.161 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

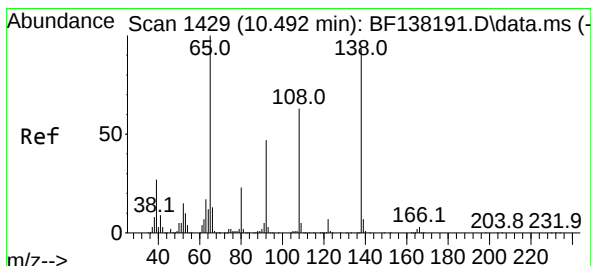
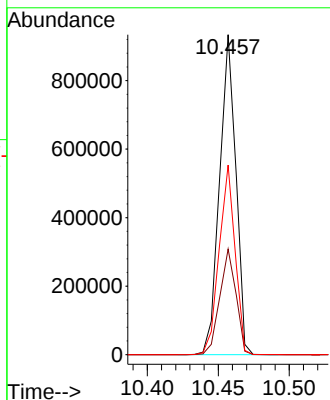
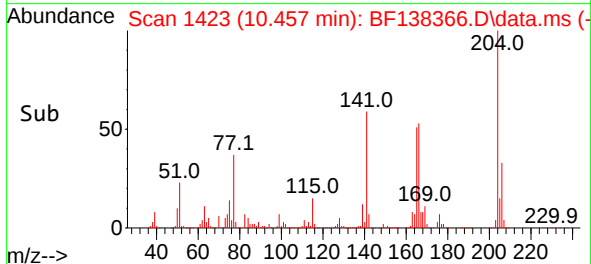
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:204 Resp: 742884  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 39.8  
141 59.2 46.3 69.5

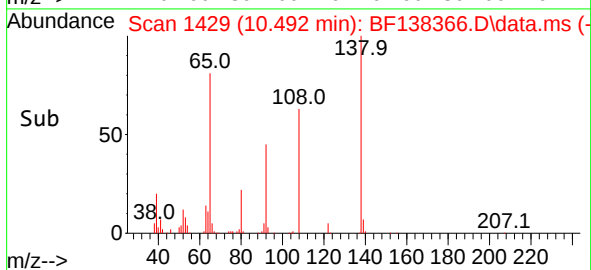
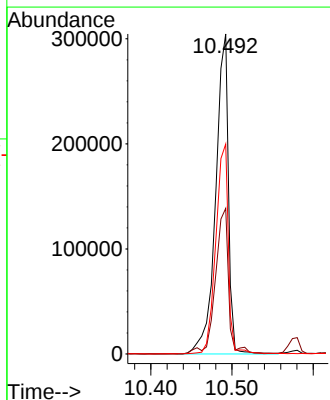
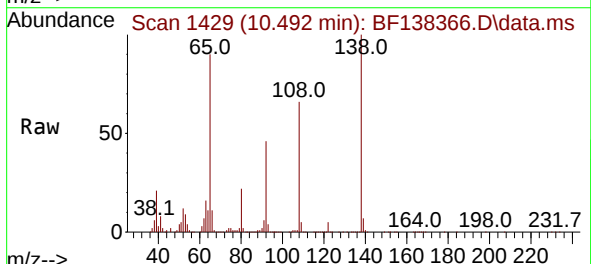
Manual Integrations  
APPROVED

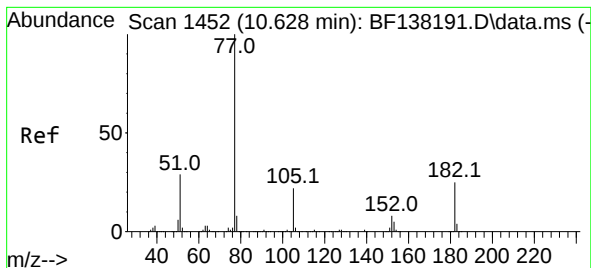
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#62  
4-Nitroaniline  
Concen: 40.498 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

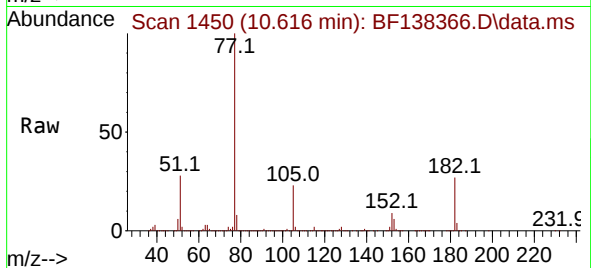
Tgt Ion:138 Resp: 333532  
Ion Ratio Lower Upper  
138 100  
92 45.5 30.9 70.9  
108 65.6 47.8 87.8





#63  
Azobenzene  
Concen: 41.143 ng  
RT: 10.616 min Scan# 1452  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

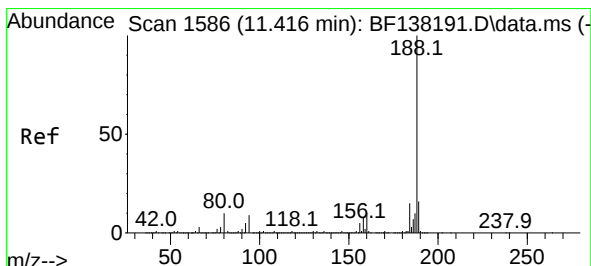
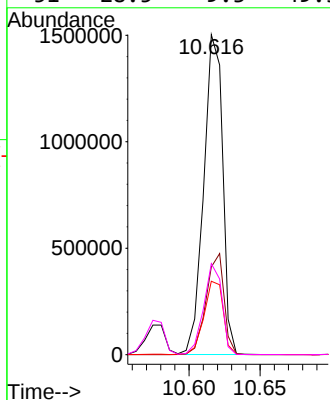
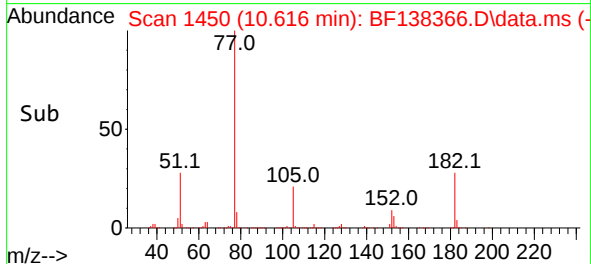
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion: 77 Resp: 1391385  
Ion Ratio Lower Upper  
77 100  
182 27.4 5.5 45.5  
105 22.9 1.8 41.8  
51 28.5 9.3 49.3

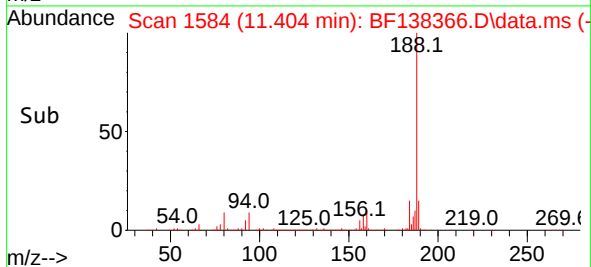
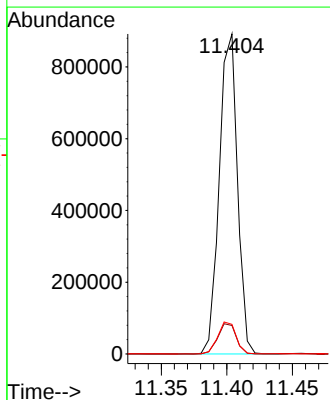
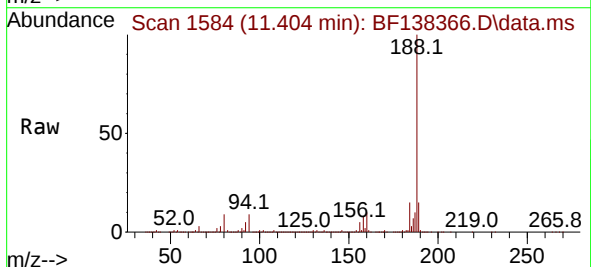
Manual Integrations  
APPROVED

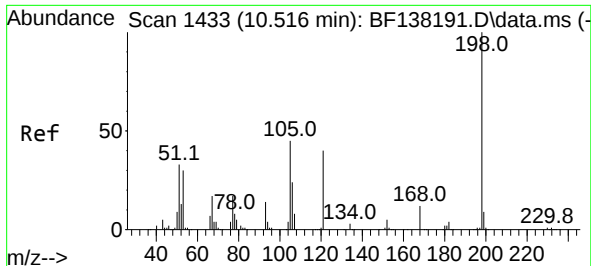
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

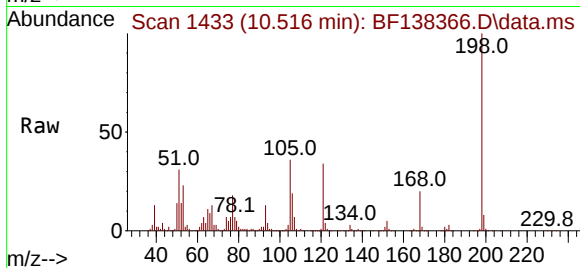
Tgt Ion:188 Resp: 857185  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.6 11.4  
80 9.2 8.1 12.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.887 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

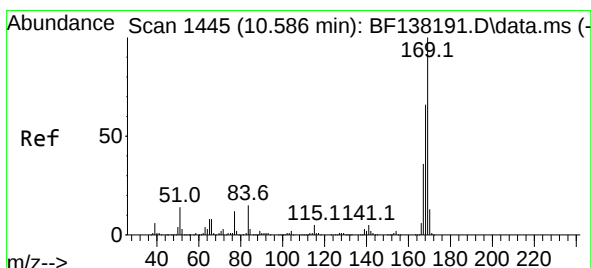
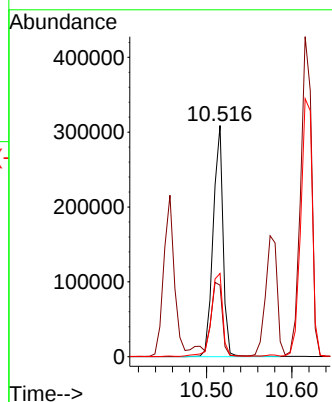
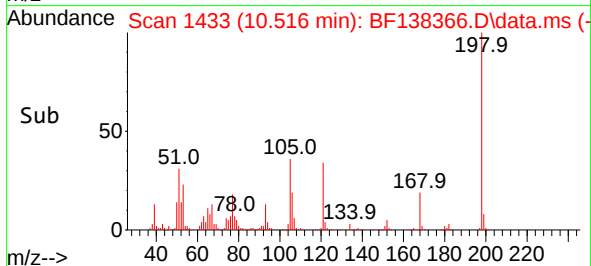
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:198 Resp: 249925  
Ion Ratio Lower Upper  
198 100  
51 31.0 26.9 66.9  
105 36.0 26.0 66.0

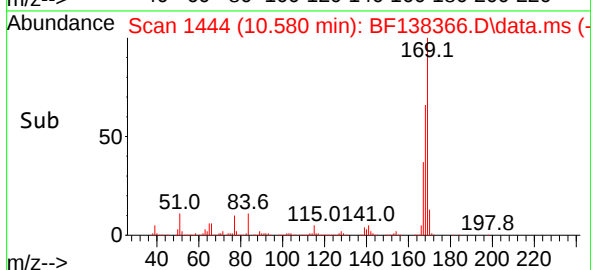
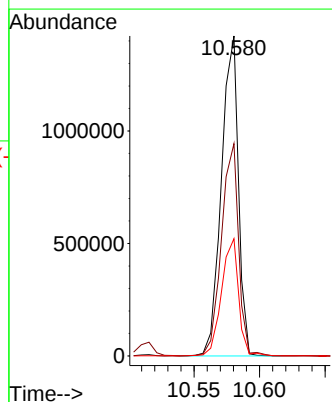
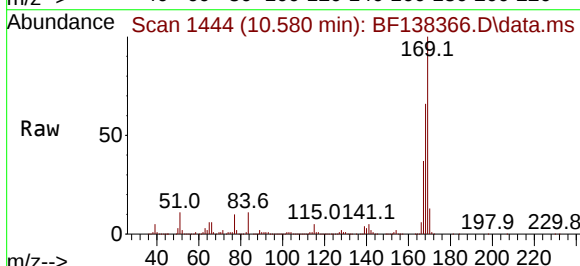
Manual Integrations  
APPROVED

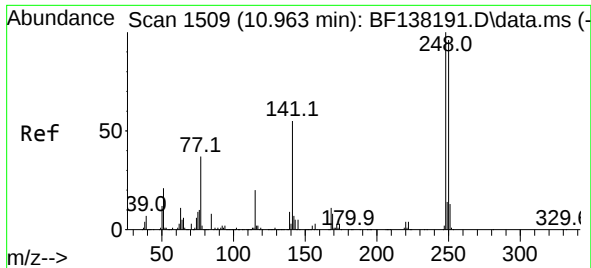
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#66  
n-Nitrosodiphenylamine  
Concen: 48.669 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

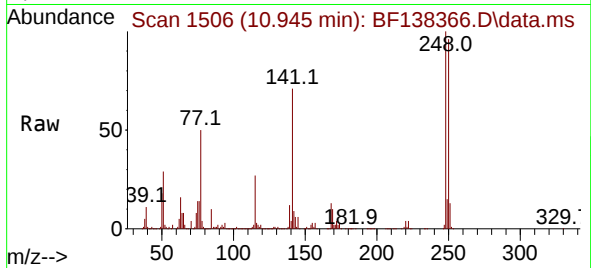
Tgt Ion:169 Resp: 1277220  
Ion Ratio Lower Upper  
169 100  
168 66.3 52.9 79.3  
167 36.7 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 49.937 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

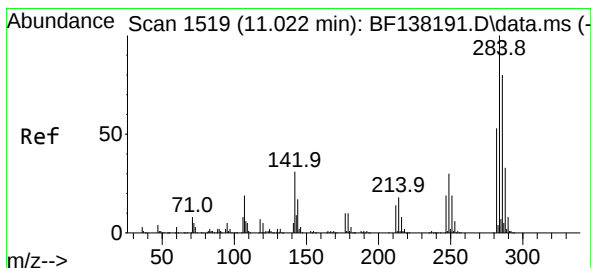
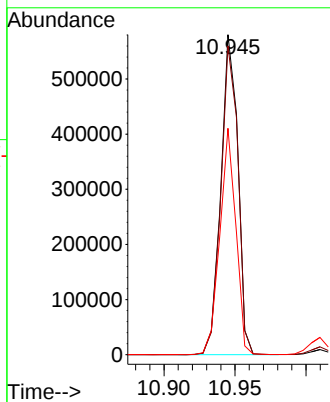
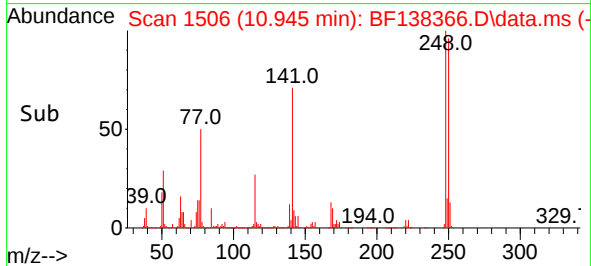
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:248 Resp: 482345  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.2 115.8  
141 70.8 44.1 66.1

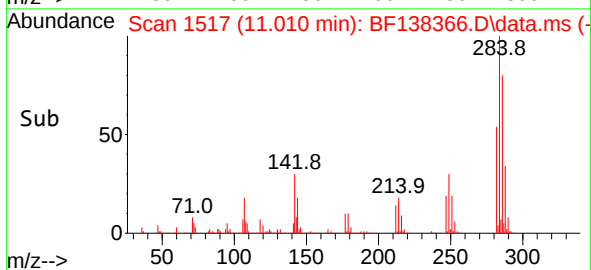
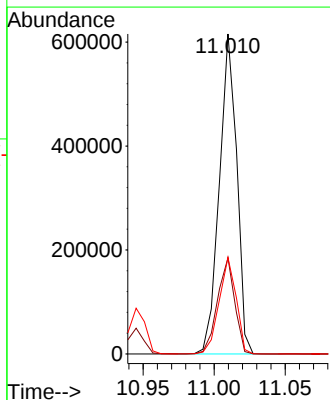
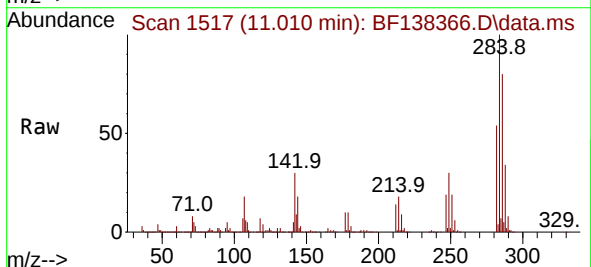
Manual Integrations  
APPROVED

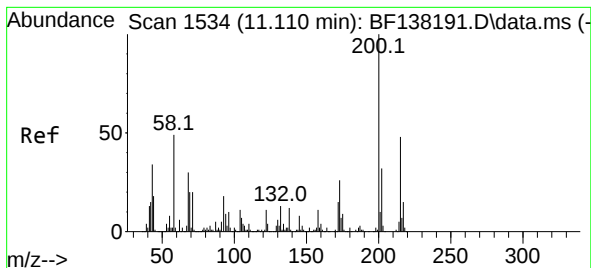
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#68  
Hexachlorobenzene  
Concen: 46.408 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:284 Resp: 523114  
Ion Ratio Lower Upper  
284 100  
142 30.1 24.8 37.2  
249 30.1 23.8 35.6





#69

Atrazine

Concen: 49.919 ng

RT: 11.104 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

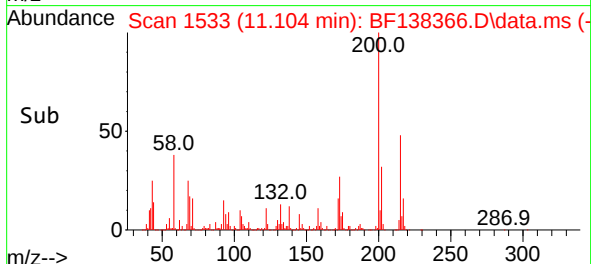
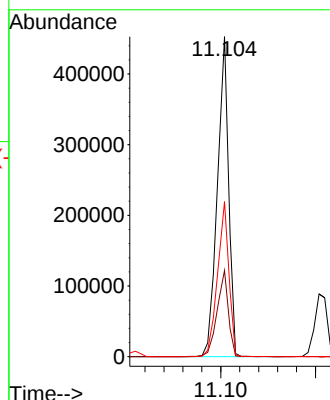
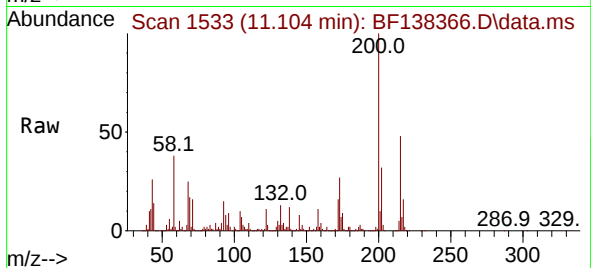
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 37313 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.0  | 6.3   | 46.3  |
| 215       | 48.5  | 28.0  | 68.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#70

Pentachlorophenol

Concen: 74.464 ng

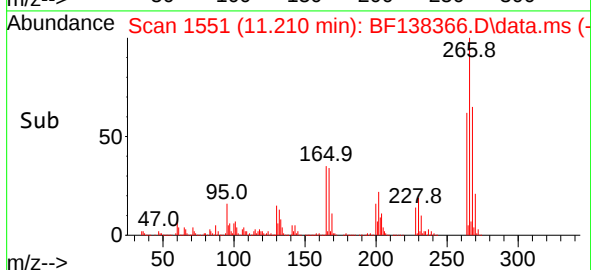
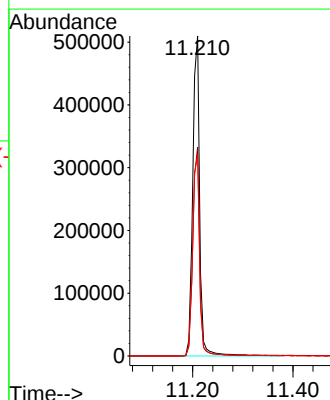
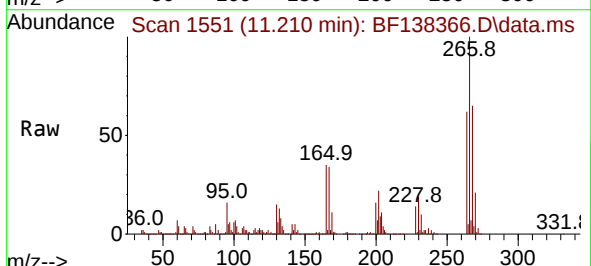
RT: 11.210 min Scan# 1551

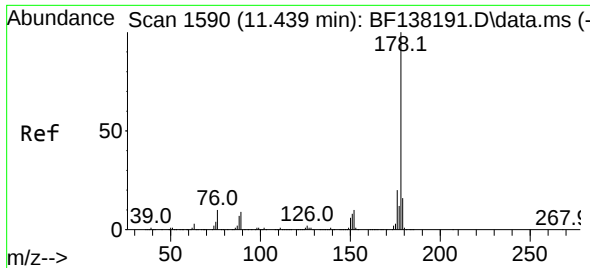
Delta R.T. -0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

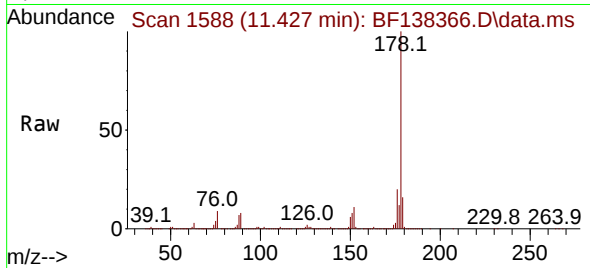
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 489521 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.3  | 49.5  | 74.3   |
| 264       | 62.3  | 49.2  | 73.8   |





#71  
Phenanthrene  
Concen: 44.905 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

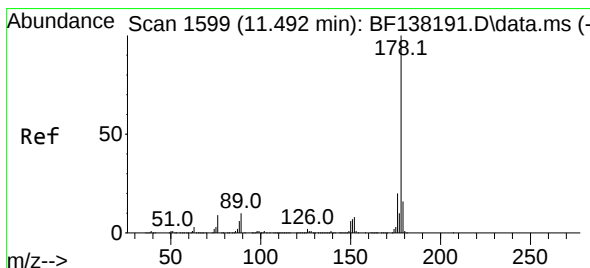
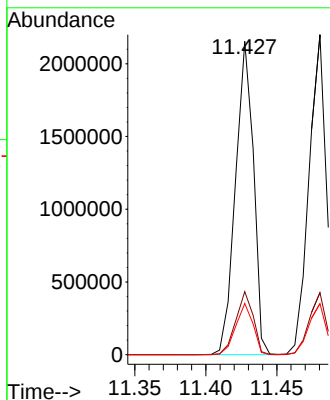
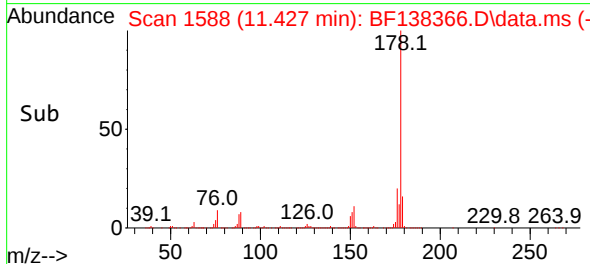
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:178 Resp: 1903574  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.4 24.6  
179 16.3 13.1 19.7

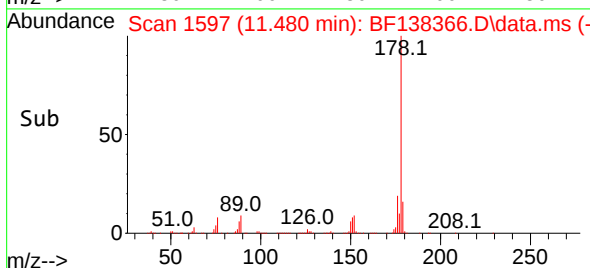
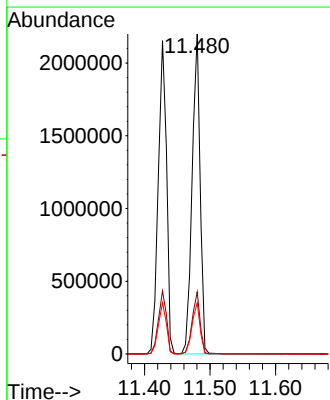
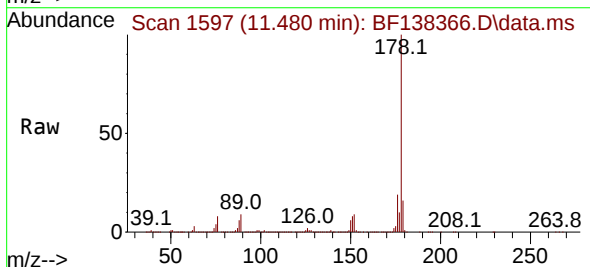
Manual Integrations  
APPROVED

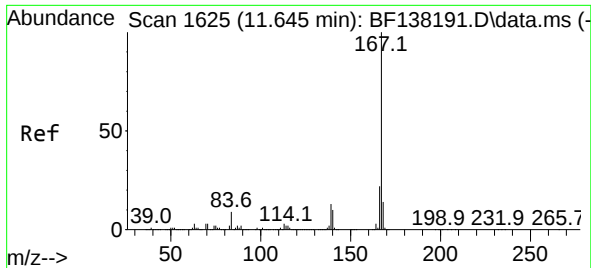
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#72  
Anthracene  
Concen: 44.444 ng  
RT: 11.480 min Scan# 1597  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

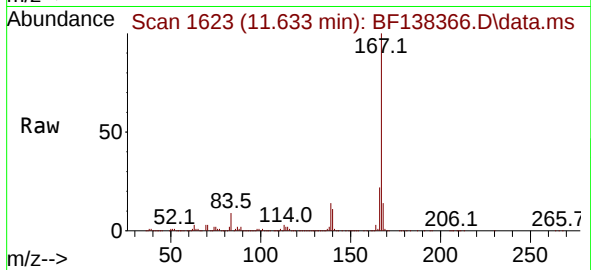
Tgt Ion:178 Resp: 1870541  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 16.0 13.0 19.6





#73  
Carbazole  
Concen: 38.570 ng  
RT: 11.633 min Scan# 1623  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

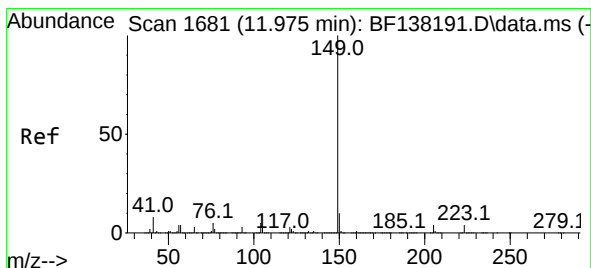
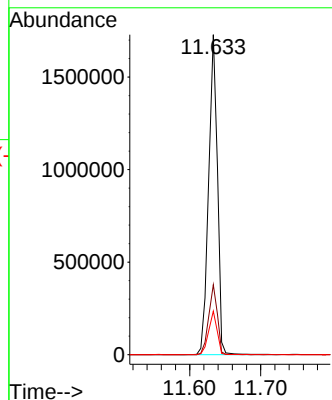
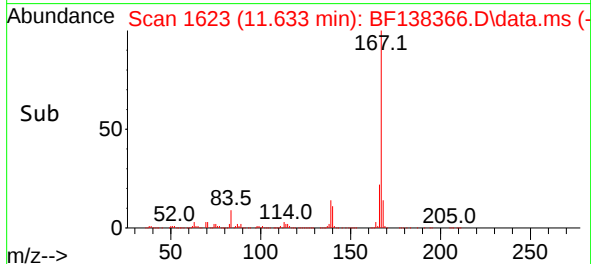
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



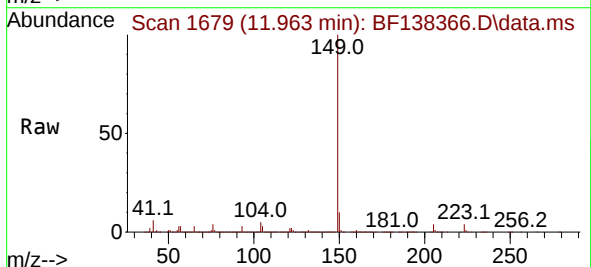
Tgt Ion:167 Resp: 1488908  
Ion Ratio Lower Upper  
167 100  
166 21.8 18.0 27.0  
139 13.6 10.6 16.0

Manual Integrations  
APPROVED

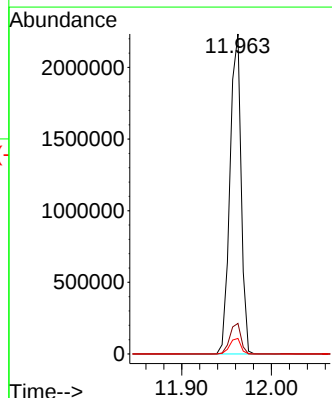
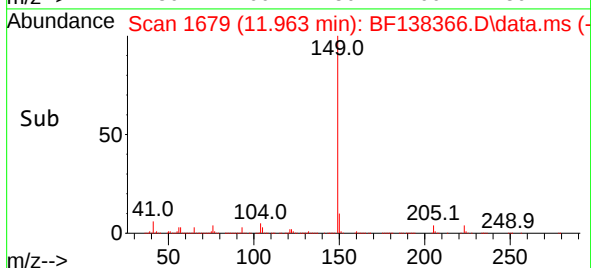
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024

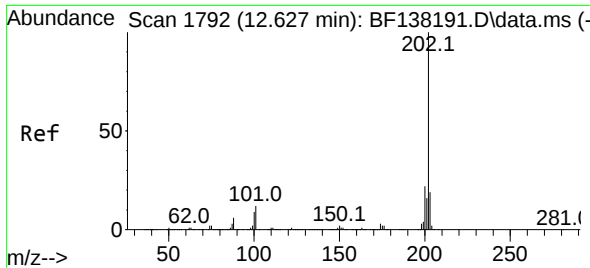


#74  
Di-n-butylphthalate  
Concen: 48.185 ng  
RT: 11.963 min Scan# 1679  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06



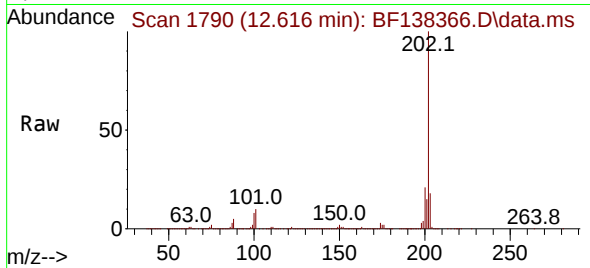
Tgt Ion:149 Resp: 1925650  
Ion Ratio Lower Upper  
149 100  
150 9.5 8.2 12.2  
104 4.9 4.1 6.1





#75  
Fluoranthene  
Concen: 37.608 ng  
RT: 12.616 min Scan# 1790  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

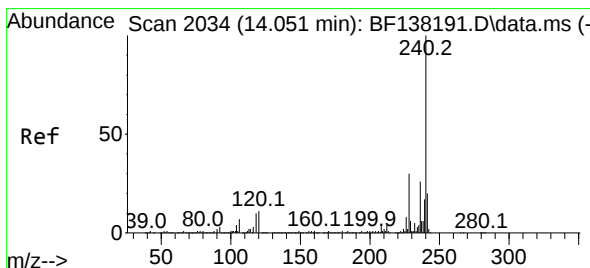
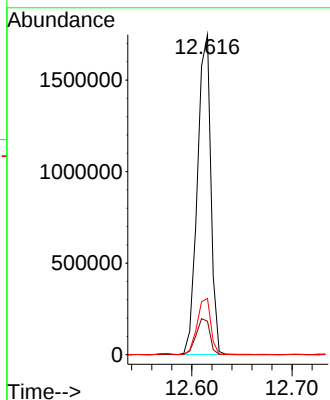
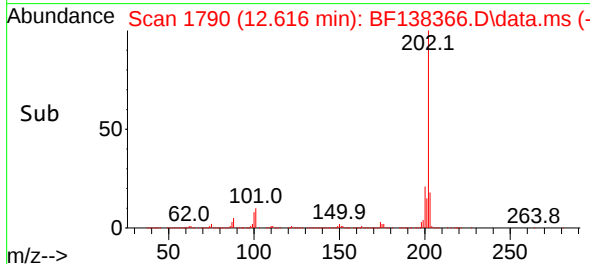
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:202 Resp: 1625680  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 31.8  
203 17.6 0.0 38.6

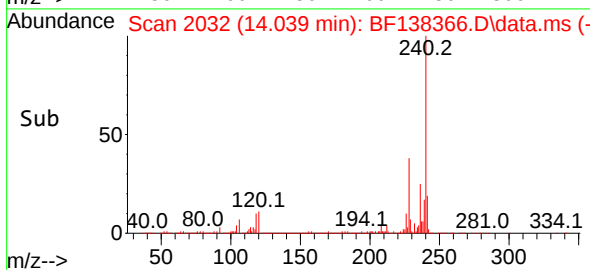
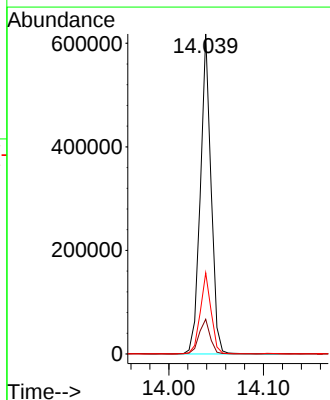
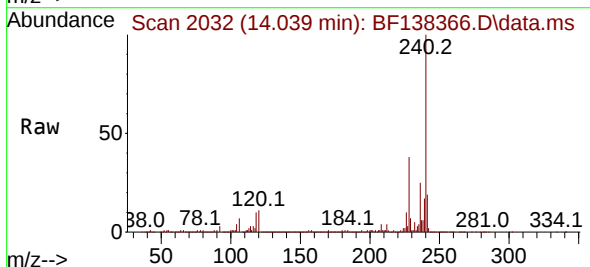
Manual Integrations  
APPROVED

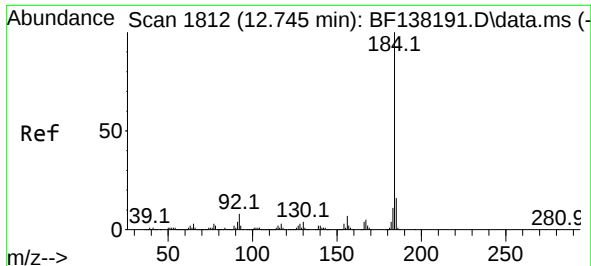
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:240 Resp: 483342  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.2 13.8  
236 25.3 21.0 31.6





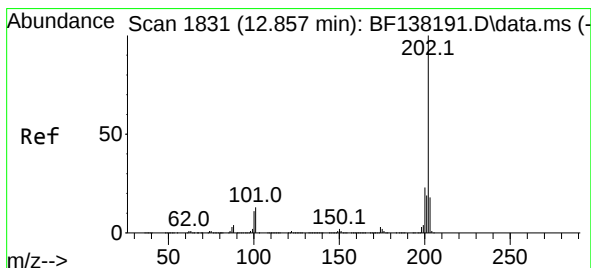
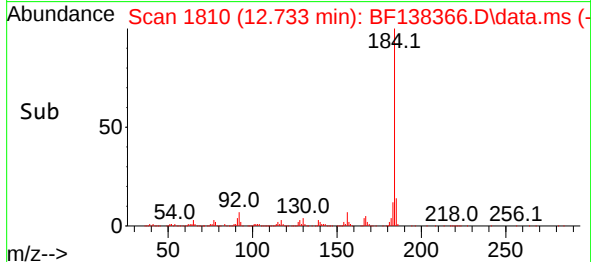
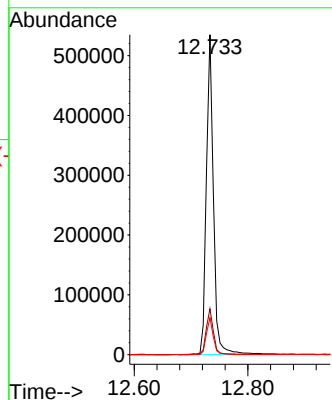
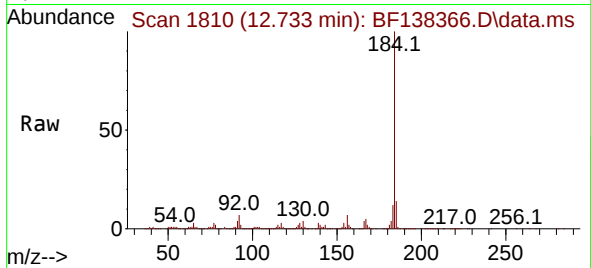
#77  
Benzidine  
Concen: 82.889 ng  
RT: 12.733 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS

Tgt Ion:184 Resp: 463400  
Ion Ratio Lower Upper  
184 100  
185 14.4 12.6 19.0  
183 11.5 9.0 13.6

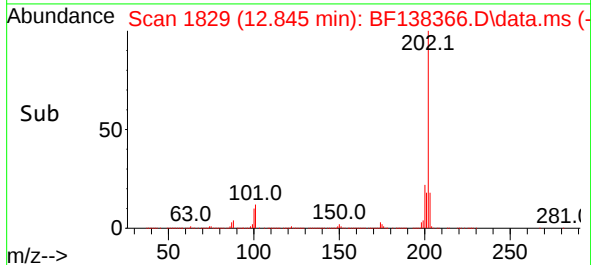
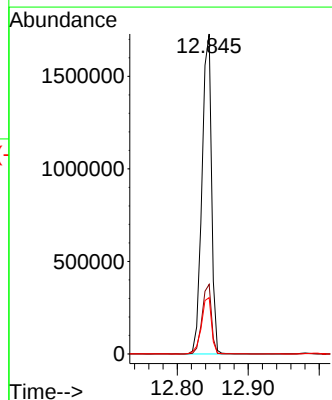
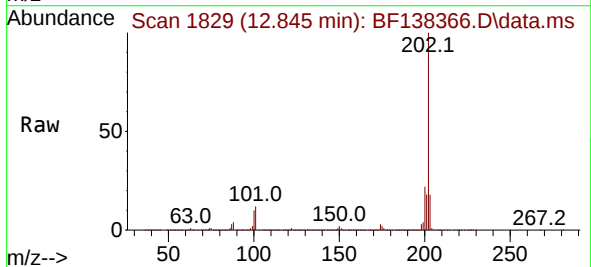
Manual Integrations  
APPROVED

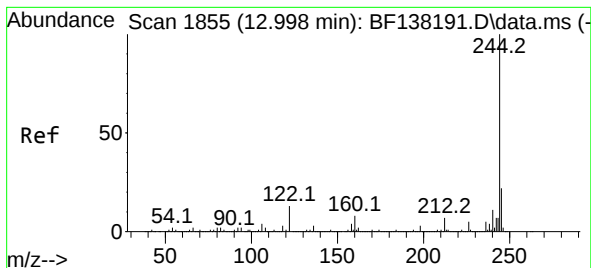
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#78  
Pyrene  
Concen: 38.825 ng  
RT: 12.845 min Scan# 1829  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:202 Resp: 1618669  
Ion Ratio Lower Upper  
202 100  
200 21.7 18.0 27.0  
203 17.6 14.7 22.1





#79

Terphenyl-d14

Concen: 42.377 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:244 Resp: 1293210

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

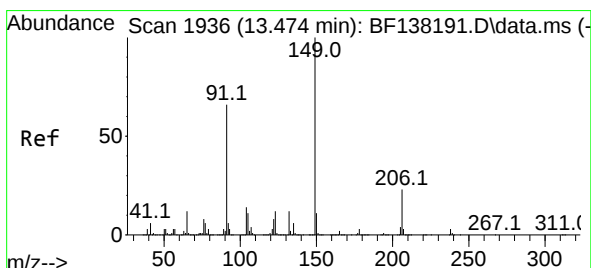
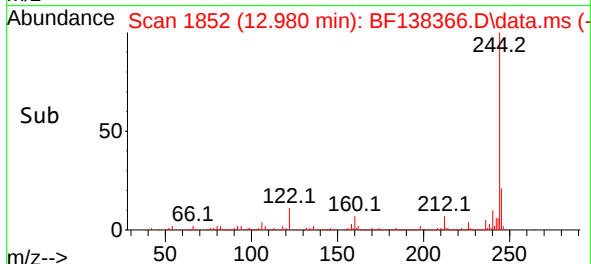
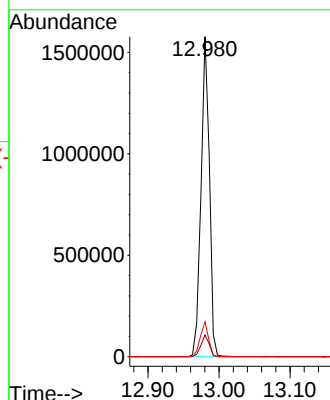
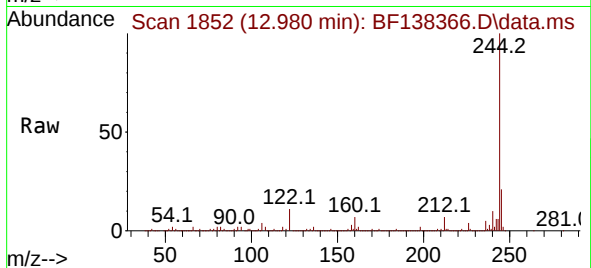
122 10.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#80

Butylbenzylphthalate

Concen: 54.552 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.018 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

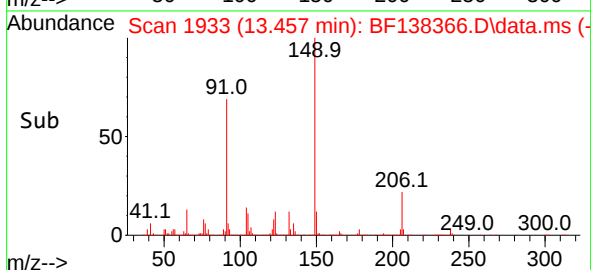
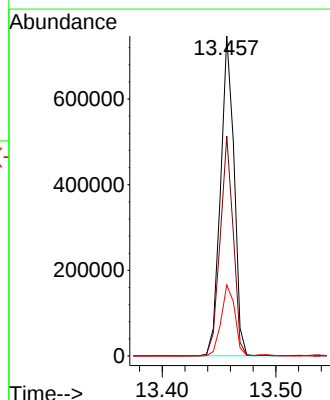
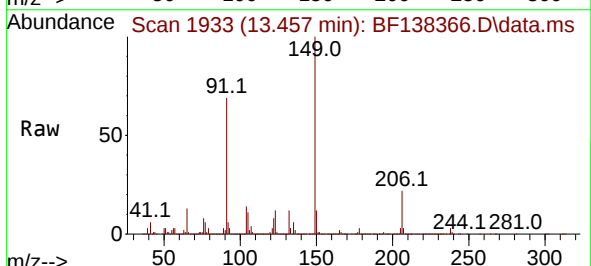
Tgt Ion:149 Resp: 618642

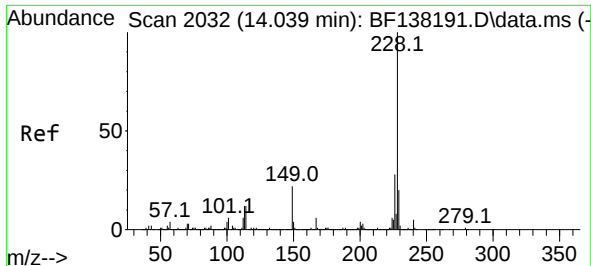
Ion Ratio Lower Upper

149 100

91 68.7 53.2 79.8

206 22.2 18.6 27.8





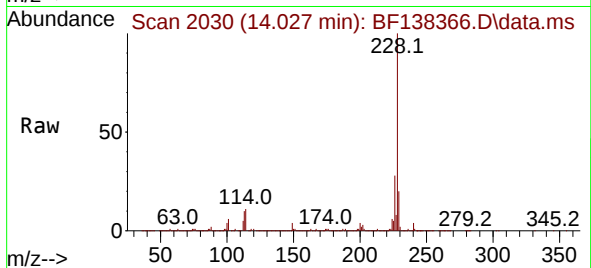
#81  
Benzo(a)anthracene  
Concen: 47.027 ng  
RT: 14.027 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS



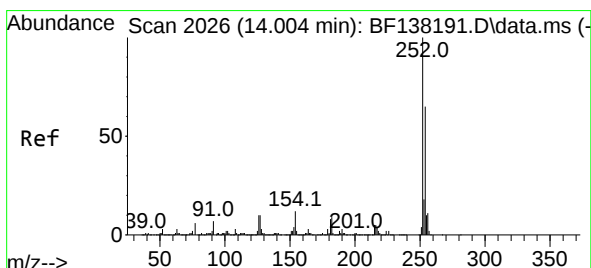
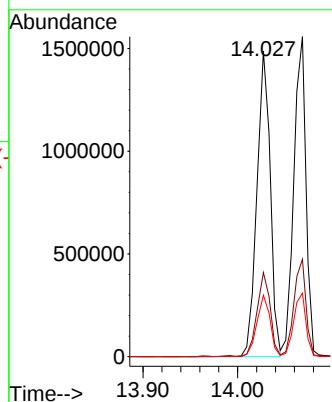
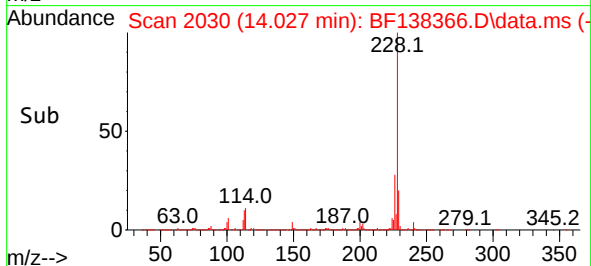
Tgt Ion:228 Resp: 1458245  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.5 33.7  
229 20.1 16.3 24.5

Manual Integrations

APPROVED

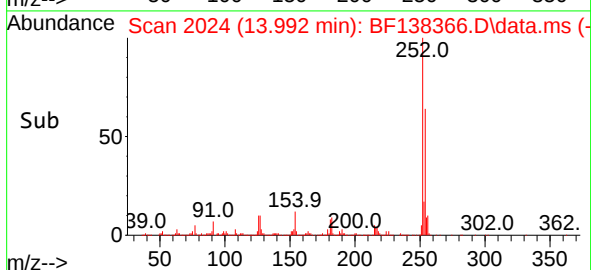
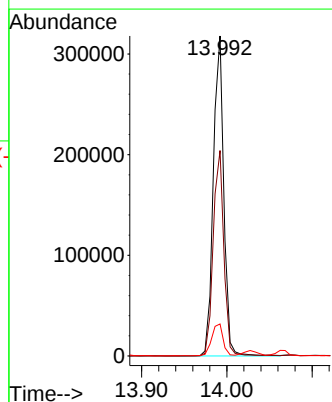
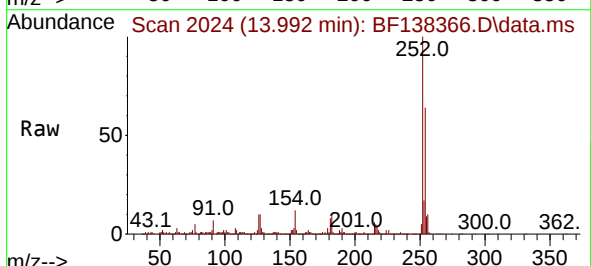
Reviewed By :Yogesh Patel 06/28/2024

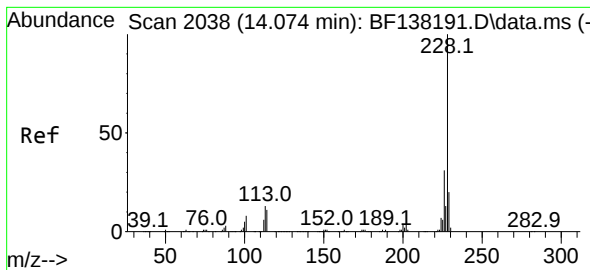
Supervised By :Jagrut Upadhyay 06/28/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 31.790 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:252 Resp: 271465  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.8 77.6  
126 10.0 8.3 12.5





#83

Chrysene

Concen: 46.789 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:228 Resp: 138293

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

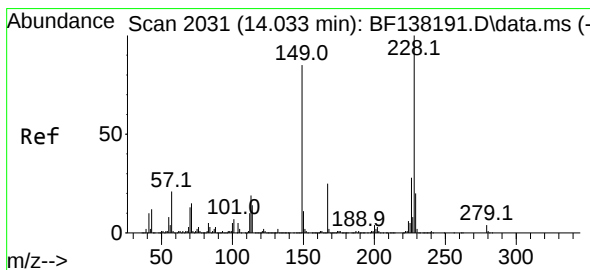
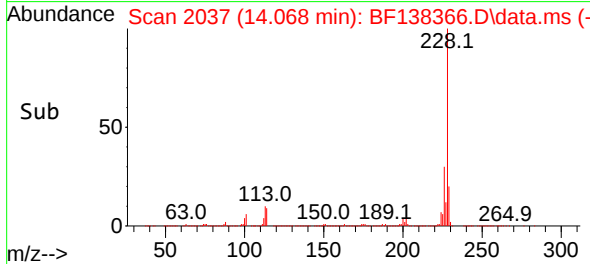
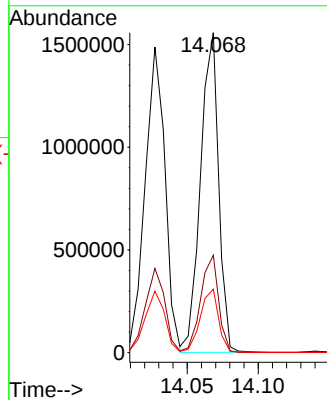
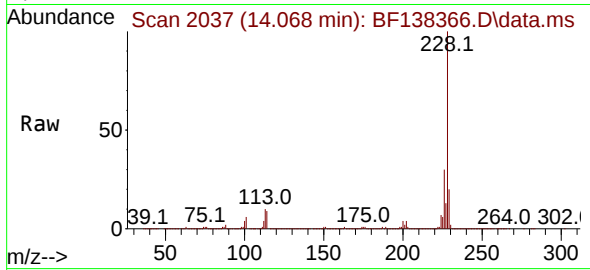
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.323 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.018 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

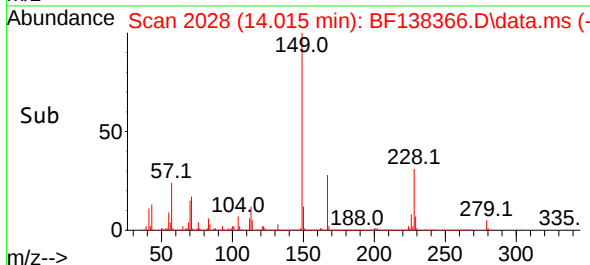
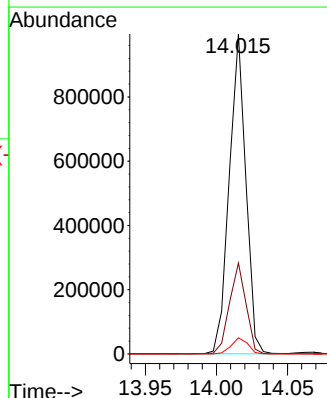
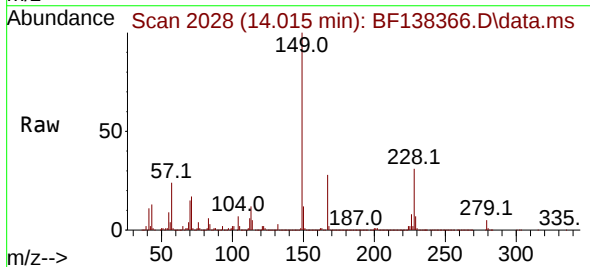
Tgt Ion:149 Resp: 808820

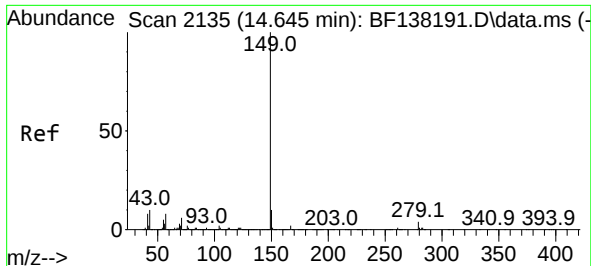
Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

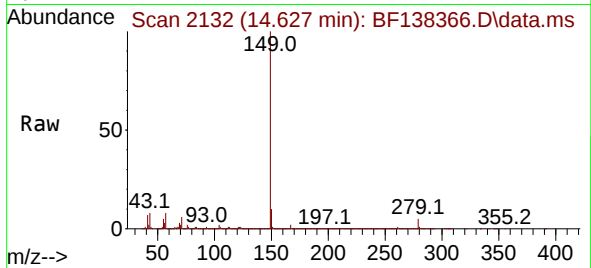
279 5.0 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 76.102 ng  
RT: 14.627 min Scan# 2135  
Delta R.T. -0.018 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

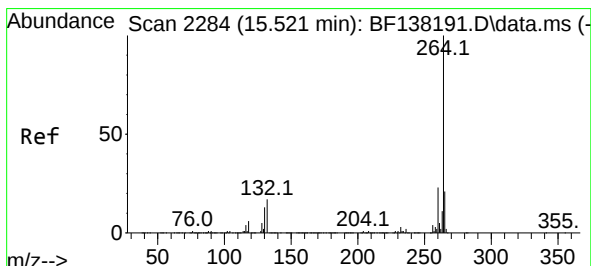
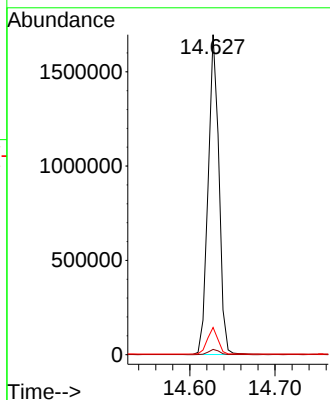
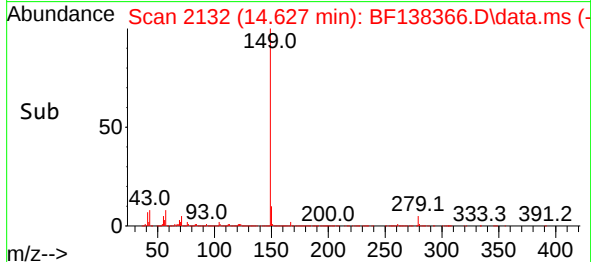
Instrument :  
BNA\_F  
ClientSampleId :  
7-S-1MS



Tgt Ion:149 Resp: 1491179  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 7.8 11.6

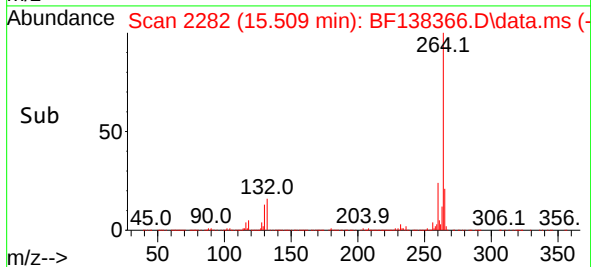
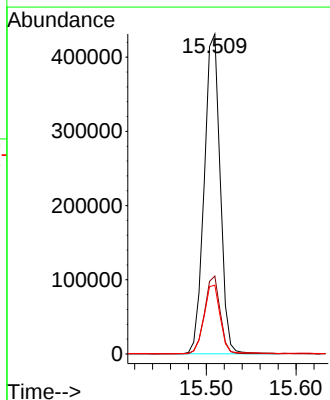
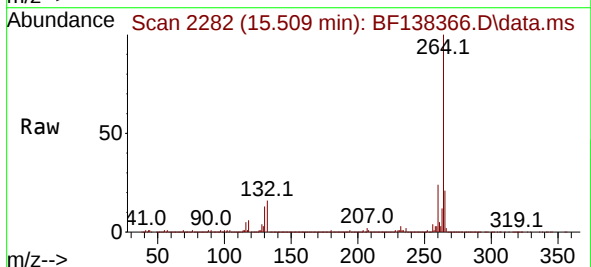
Manual Integrations  
APPROVED

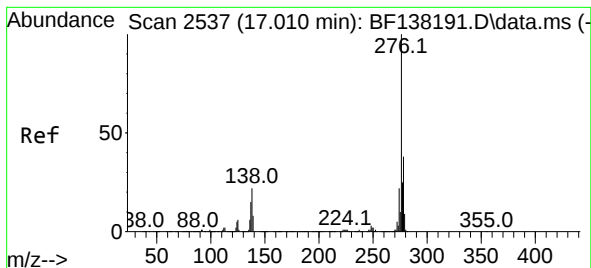
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.509 min Scan# 2282  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:264 Resp: 532166  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.7 28.1  
265 21.5 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.063 ng  
RT: 16.986 min Scan# 2109  
Delta R.T. -0.024 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

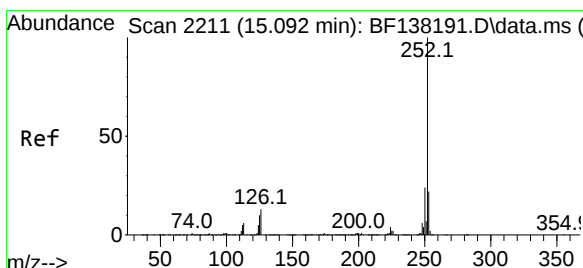
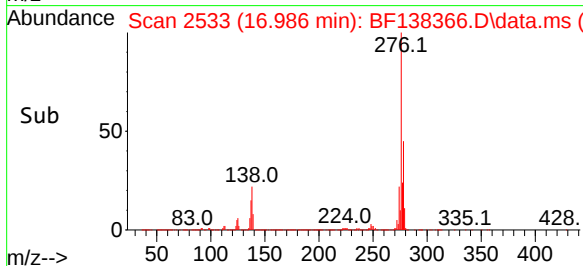
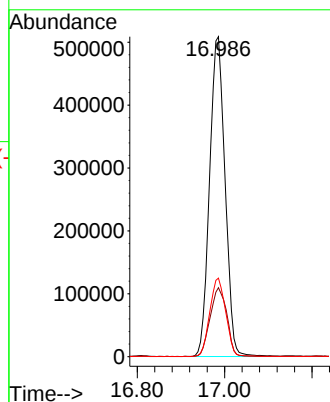
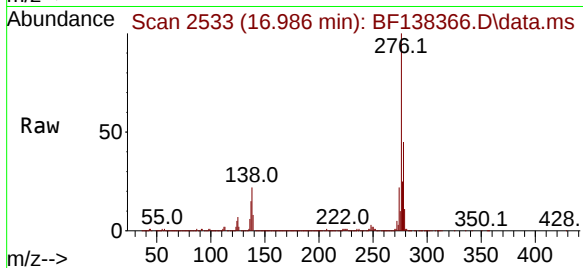
7-S-1MS

Tgt Ion:276 Resp: 1251110  
Ion Ratio Lower Upper  
276 100  
138 23.2 19.3 28.9  
277 25.3 20.2 30.2

Manual Integrations

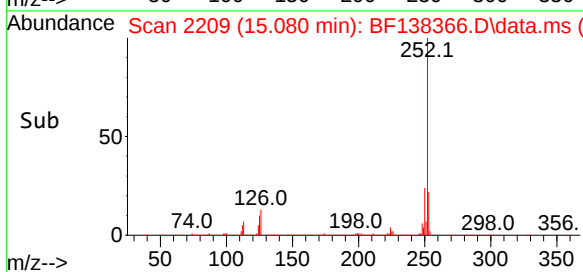
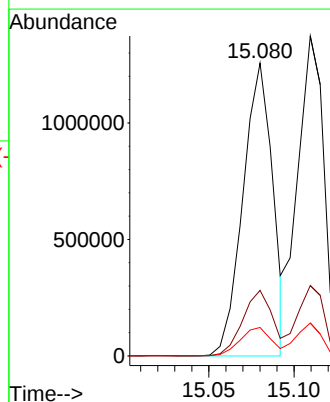
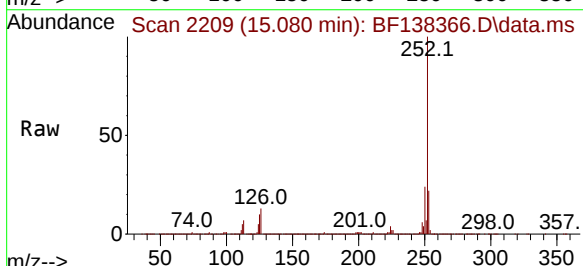
APPROVED

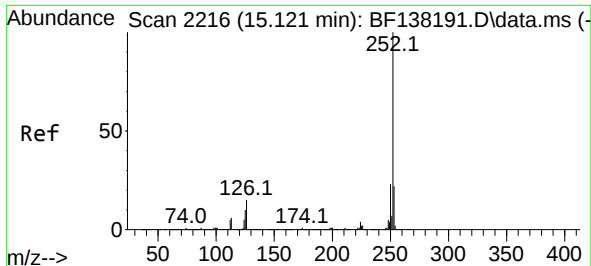
Reviewed By :Yogesh Patel 06/28/2024  
Supervised By :Jagrut Upadhyay 06/28/2024



#88  
Benzo(b)fluoranthene  
Concen: 48.651 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. -0.012 min  
Lab File: BF138366.D  
Acq: 27 Jun 2024 15:06

Tgt Ion:252 Resp: 1526778  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 9.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 47.801 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:252 Resp: 1470150

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

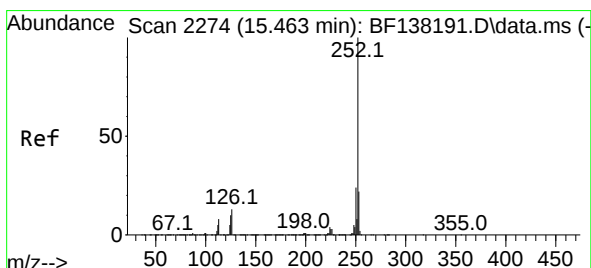
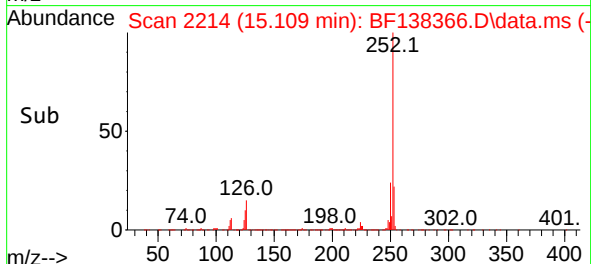
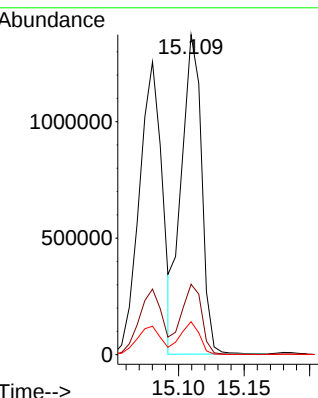
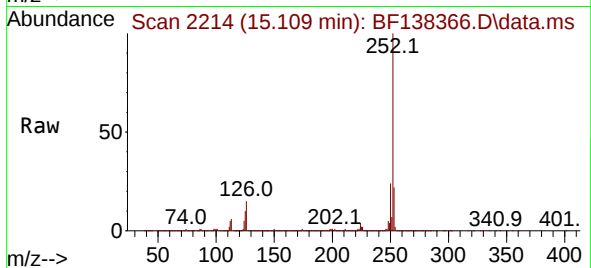
125 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#90

Benzo(a)pyrene

Concen: 50.219 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

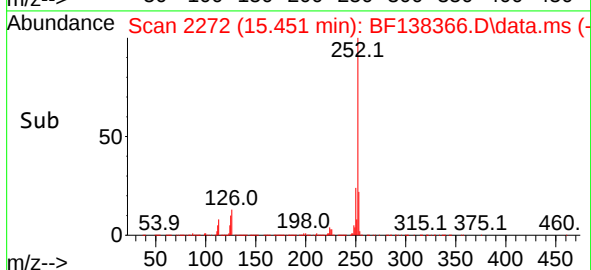
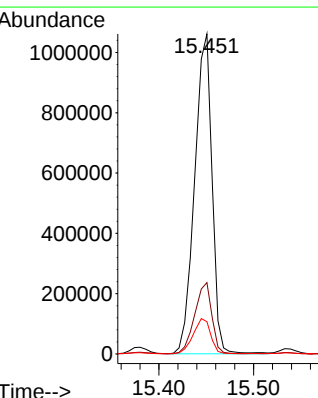
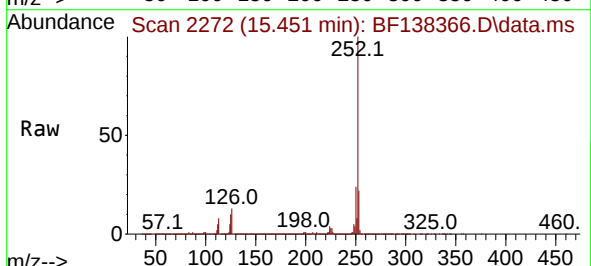
Tgt Ion:252 Resp: 1353945

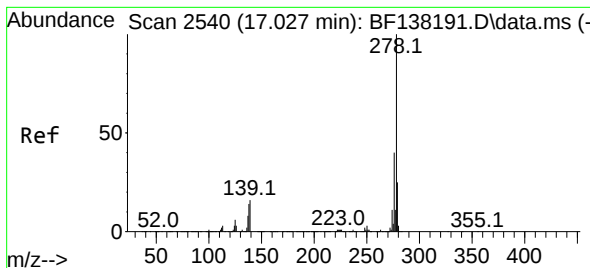
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 35.184 ng

RT: 17.003 min Scan# 210

Delta R.T. -0.024 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Instrument :

BNA\_F

ClientSampleId :

7-S-1MS

Tgt Ion:278 Resp: 100188

Ion Ratio Lower Upper

278 100

139 14.3 12.9 19.3

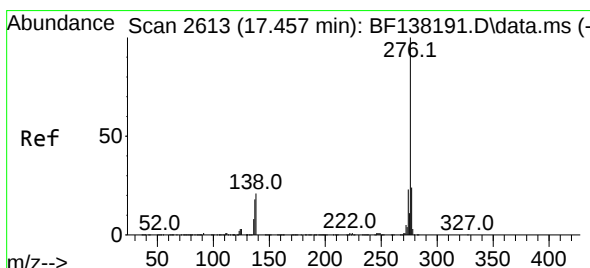
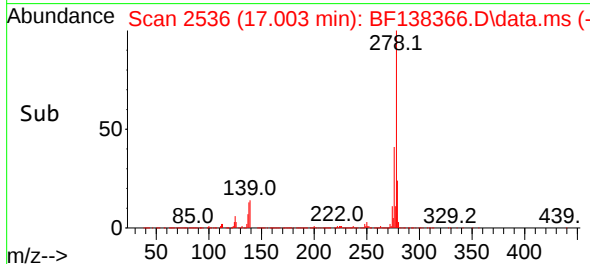
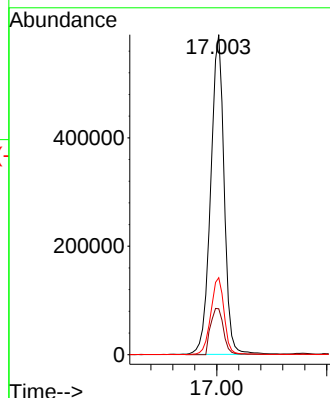
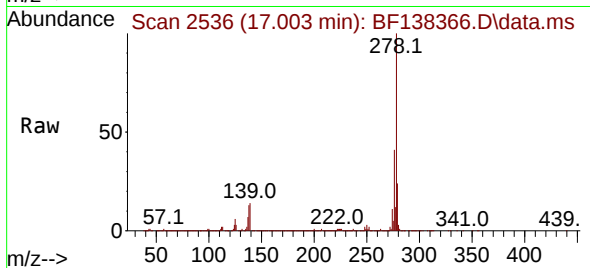
279 24.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#92

Benzo(g,h,i)perylene

Concen: 30.818 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.024 min

Lab File: BF138366.D

Acq: 27 Jun 2024 15:06

Tgt Ion:276 Resp: 907856

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 19.6 16.6 24.8

