

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020323\  
 Data File : BM038690.D  
 Acq On : 03 Feb 2023 21:49  
 Operator : CG/JU  
 Sample : 01414-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(20-30)MS

Quant Time: Feb 04 05:22:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 04 05:17:53 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023  
 Supervised By : Jagrut Upadhyay 02/06/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 63592    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.733 | 136  | 219381   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 153340   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.309 | 188  | 322120   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.486 | 240  | 285551   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.880 | 264  | 365243   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 367006   | 113.054 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.104  | 99   | 421407   | 113.817 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.098  | 82   | 256024   | 66.288  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 246743   | 118.386 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.186 | 172  | 790735   | 65.650  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.921 | 244  | 978448   | 60.467  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 55070    | 38.480  | ng    | 97       |
| 3) Pyridine                   | 3.751  | 79   | 130506   | 38.349  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.663  | 42   | 62529    | 40.701  | ng    | 99       |
| 6) Aniline                    | 7.257  | 93   | 88523    | 19.167  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.492  | 128  | 174576   | 49.283  | ng    | 98       |
| 9) Benzaldehyde               | 7.069  | 77   | 89866    | 55.069  | ng    | 96       |
| 10) Phenol                    | 7.128  | 94   | 181955   | 48.645  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.351  | 93   | 141568   | 46.735  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.810  | 146  | 225983   | 49.931  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 227986   | 49.913  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 220449   | 50.379  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.175  | 79   | 127565m  | 46.810  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.463  | 45   | 125096   | 43.599  | ng    | 97       |
| 17) 2-Methylphenol            | 8.386  | 107  | 130781   | 45.583  | ng    | 98       |
| 18) Hexachloroethane          | 8.998  | 117  | 73427    | 49.777  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.739  | 70   | 104816   | 46.966  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.716  | 107  | 174643   | 45.655  | ng    | 99       |
| 22) Acetophenone              | 8.763  | 105  | 235312   | 44.977  | ng    | # 99     |
| 24) Nitrobenzene              | 9.145  | 77   | 168896   | 43.083  | ng    | 95       |
| 25) Isophorone                | 9.669  | 82   | 292723   | 43.264  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.851  | 139  | 103460   | 47.427  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.916  | 122  | 152337   | 48.401  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.151 | 93   | 184610   | 44.647  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.392 | 162  | 216107   | 48.330  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 226377   | 47.593  | ng    | 99       |
| 31) Naphthalene               | 10.786 | 128  | 519288   | 46.127  | ng    | 99       |
| 32) Benzoic acid              | 10.075 | 122  | 116864   | 45.869  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.910 | 127  | 42567    | 8.628   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.057 | 225  | 110413   | 46.339  | ng    | 97       |
| 35) Caprolactam               | 11.710 | 113  | 43441    | 45.110  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.039 | 107  | 149975   | 45.359  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.392 | 142  | 401823   | 44.169  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 381107   | 44.458  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 187563   | 47.000  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.727 | 237  | 92707    | 37.437  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.004 | 196  | 154076   | 49.144  | ng    | 99       |

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 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/06/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023

| Compound                       | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.080 | 196  | 163806   | 44.399  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.398 | 154  | 582322   | 47.941  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.445 | 162  | 474690   | 49.664  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.663 | 65   | 90882    | 42.397  | ng    | 91       |
| 49) Acenaphthylene             | 14.286 | 152  | 713908   | 47.421  | ng    | 99       |
| 50) Dimethylphthalate          | 14.027 | 163  | 574534   | 45.914  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.157 | 165  | 121683   | 47.844  | ng    | 96       |
| 52) Acenaphthene               | 14.627 | 154  | 425455   | 47.330  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.486 | 138  | 59688    | 23.292  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.698 | 184  | 139115   | 84.035  | ng    | 94       |
| 55) Dibenzofuran               | 14.962 | 168  | 711538   | 45.966  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.804 | 139  | 204309   | 100.162 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.945 | 165  | 171748   | 45.841  | ng    | # 91     |
| 58) Fluorene                   | 15.610 | 166  | 582709   | 47.576  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.192 | 232  | 124490   | 48.482  | ng    | 100      |
| 60) Diethylphthalate           | 15.380 | 149  | 553300   | 46.674  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.604 | 204  | 240978   | 46.377  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.651 | 138  | 110064m  | 40.578  | ng    |          |
| 63) Azobenzene                 | 15.898 | 77   | 420011   | 46.051  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph...  | 15.704 | 198  | 83821    | 41.336  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.821 | 169  | 486005   | 46.208  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.498 | 248  | 143468   | 46.127  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.609 | 284  | 186274   | 49.004  | ng    | 100      |
| 69) Atrazine                   | 16.774 | 200  | 155386   | 50.973  | ng    | 99       |
| 70) Pentachlorophenol          | 16.962 | 266  | 238063   | 85.914  | ng    | 97       |
| 71) Phenanthrene               | 17.351 | 178  | 898961   | 47.001  | ng    | 99       |
| 72) Anthracene                 | 17.439 | 178  | 916444   | 46.837  | ng    | 100      |
| 73) Carbazole                  | 17.715 | 167  | 872714   | 47.824  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.268 | 149  | 1043838  | 50.630  | ng    | 100      |
| 75) Fluoranthene               | 19.362 | 202  | 963373   | 47.972  | ng    | 100      |
| 77) Benzidine                  | 19.556 | 184  | 473768   | 54.755  | ng    | 99       |
| 78) Pyrene                     | 19.727 | 202  | 1024731  | 46.611  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.615 | 149  | 517484   | 47.311  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.468 | 228  | 961398   | 47.596  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.403 | 252  | 248738   | 35.794  | ng    | 98       |
| 83) Chrysene                   | 21.521 | 228  | 889440   | 45.702  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.380 | 149  | 771551   | 48.433  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.303 | 149  | 1372659  | 53.044  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 26.374 | 276  | 1378809  | 47.927  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 23.150 | 252  | 1127380  | 51.534  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.197 | 252  | 1066503  | 48.008  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.774 | 252  | 972793   | 44.966  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.379 | 278  | 1161041  | 47.969  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 27.138 | 276  | 1126067  | 46.025  | ng    | 99       |

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

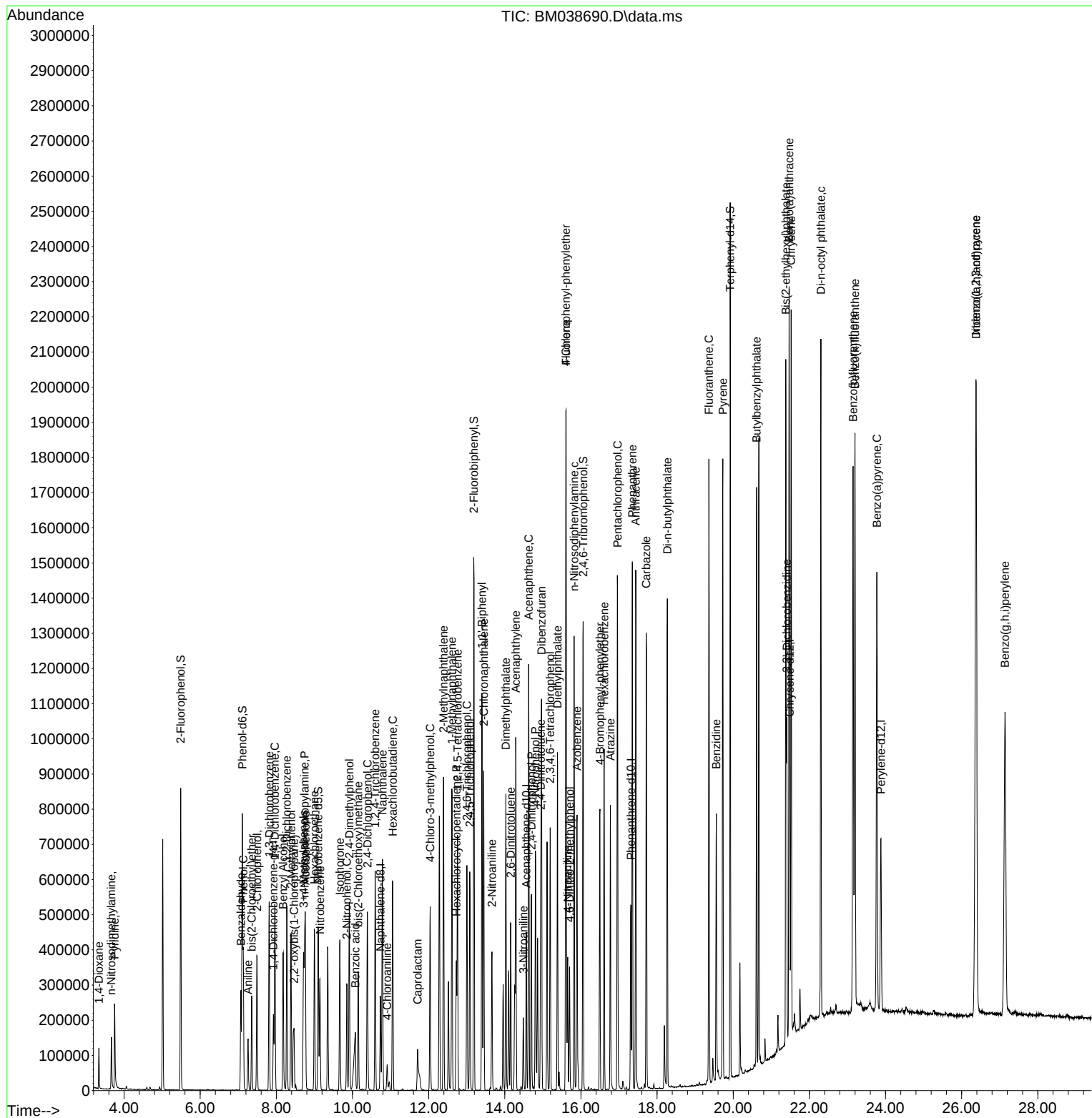
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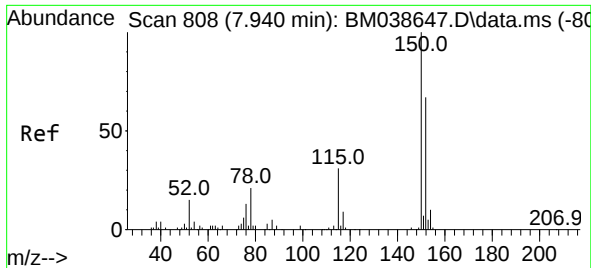
Instrument :  
 BNA\_M  
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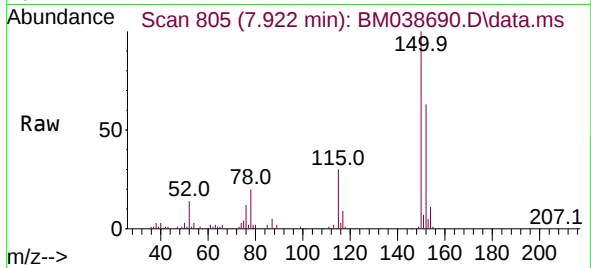
Reviewed By : Christian Giraldo 02/06/2023  
 Supervised By : Jagrut Upadhyay 02/06/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

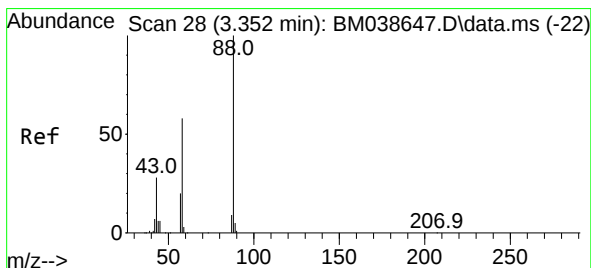
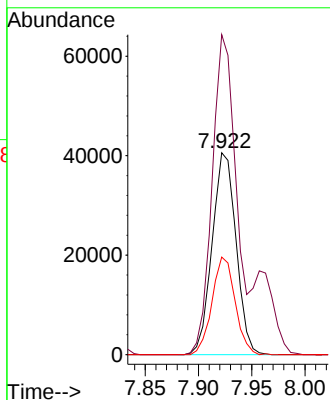
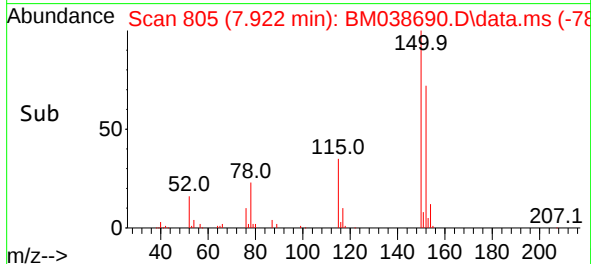
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:152 Resp: 63592  
Ion Ratio Lower Upper  
152 100  
150 158.5 119.5 179.3  
115 48.3 37.6 56.4

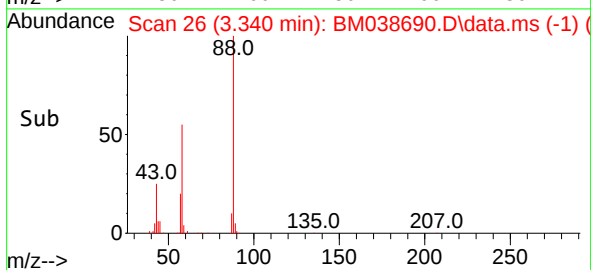
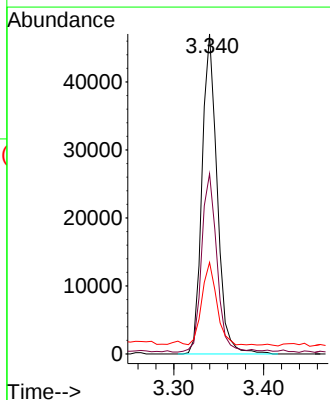
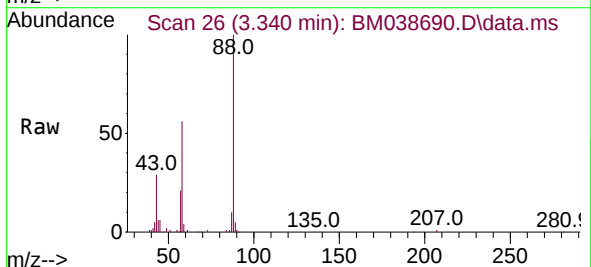
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APPROVED

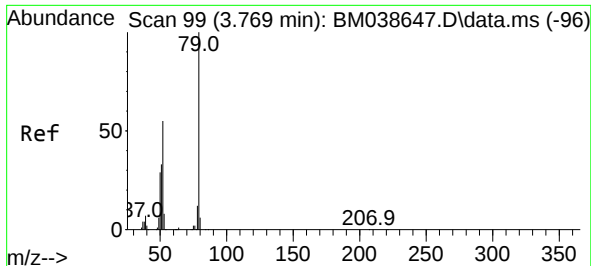
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#2  
1,4-Dioxane  
Concen: 38.480 ng  
RT: 3.340 min Scan# 26  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

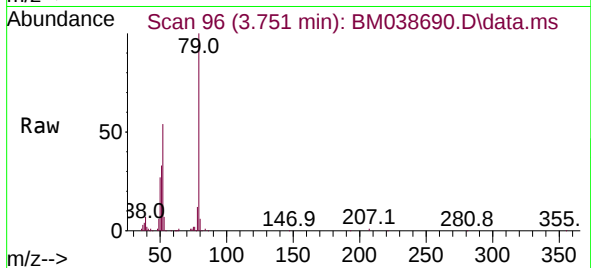
Tgt Ion: 88 Resp: 55070  
Ion Ratio Lower Upper  
88 100  
58 57.0 47.0 70.4  
43 25.5 22.6 33.8





#3  
Pyridine  
Concen: 38.349 ng  
RT: 3.751 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

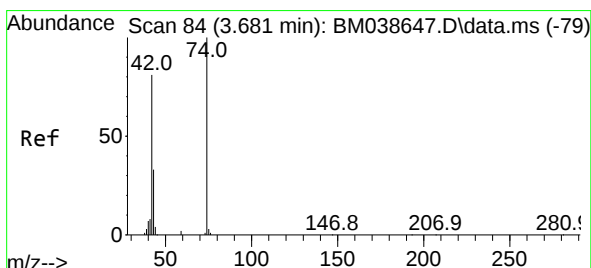
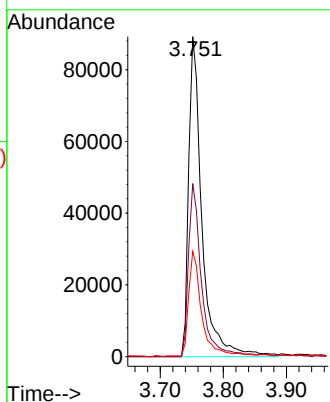
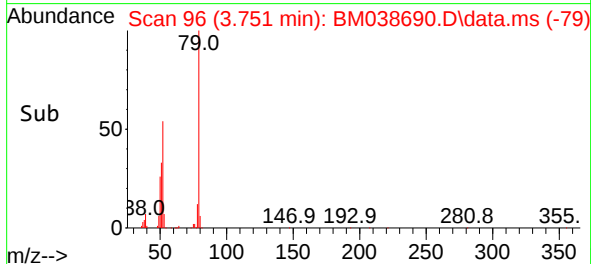
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SASP2-123-2(20-30)MS



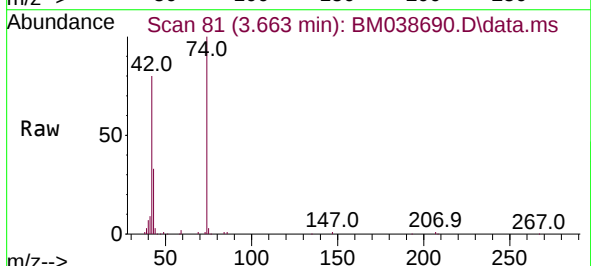
Tgt Ion: 79 Resp: 130506  
Ion Ratio Lower Upper  
79 100  
52 54.1 43.7 65.5  
51 32.9 26.6 40.0

Manual Integrations  
APPROVED

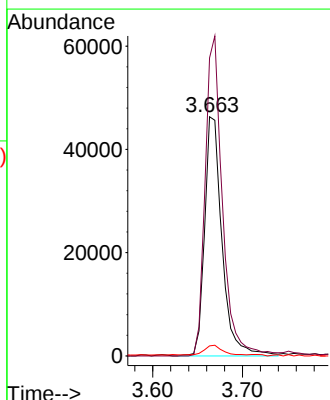
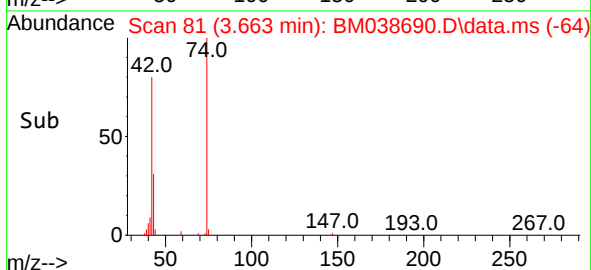
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

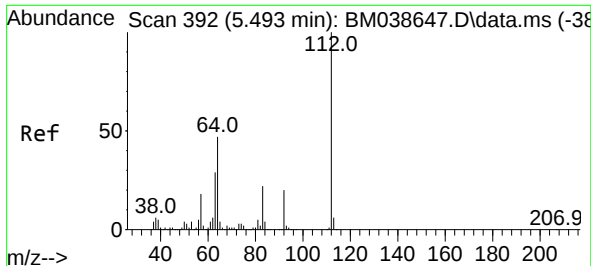


#4  
n-Nitrosodimethylamine  
Concen: 40.701 ng  
RT: 3.663 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion: 42 Resp: 62529  
Ion Ratio Lower Upper  
42 100  
74 124.6 98.4 147.6  
44 4.2 3.5 5.3





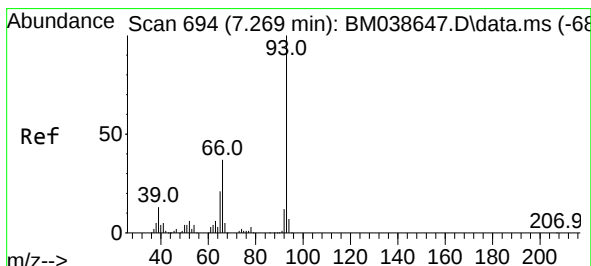
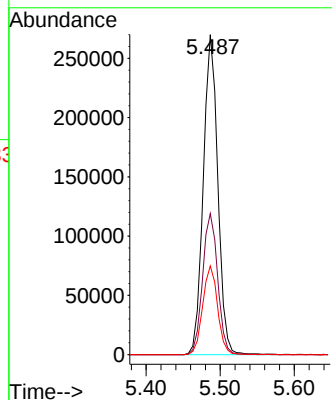
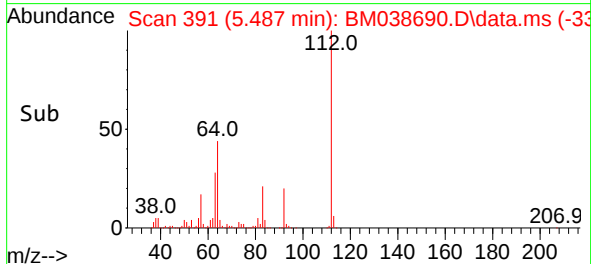
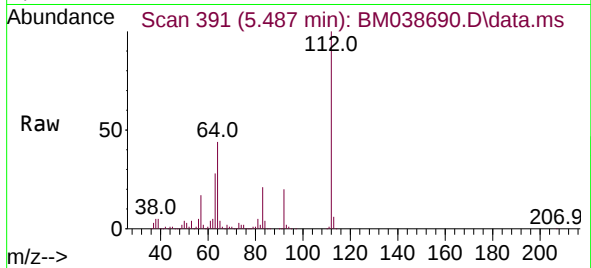
#5  
2-Fluorophenol  
Concen: 113.054 ng  
RT: 5.487 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

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SASP2-123-2(20-30)MS

Tgt Ion:112 Resp: 367006  
Ion Ratio Lower Upper  
112 100  
64 44.1 37.9 56.9  
63 27.7 23.3 34.9

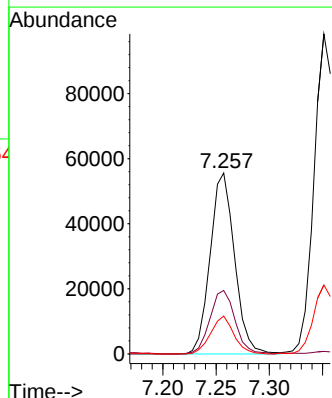
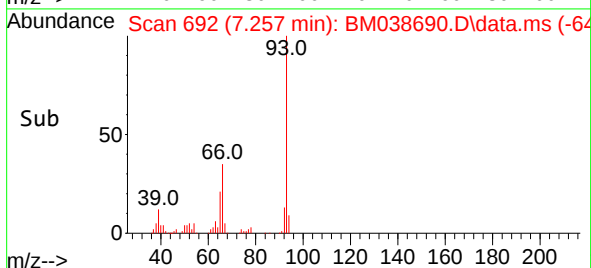
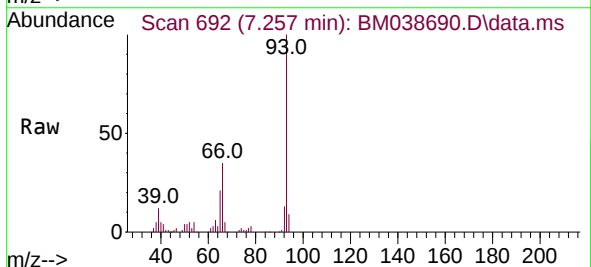
Manual Integrations  
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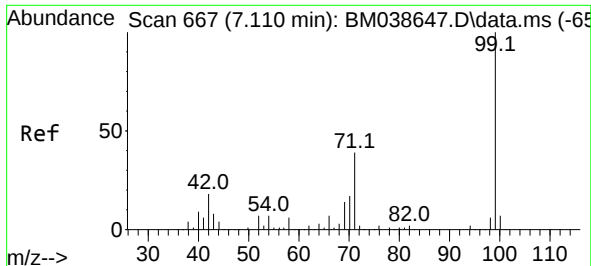
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#6  
Aniline  
Concen: 19.167 ng  
RT: 7.257 min Scan# 692  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

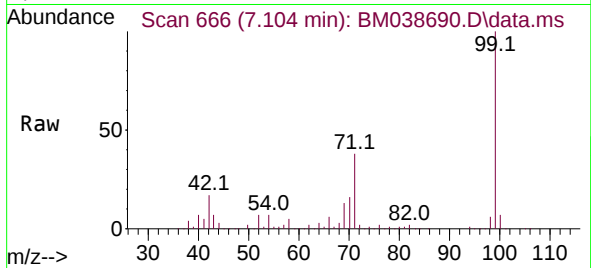
Tgt Ion: 93 Resp: 88523  
Ion Ratio Lower Upper  
93 100  
66 35.1 29.8 44.8  
65 20.9 16.9 25.3





#7  
Phenol-d6  
Concen: 113.817 ng  
RT: 7.104 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

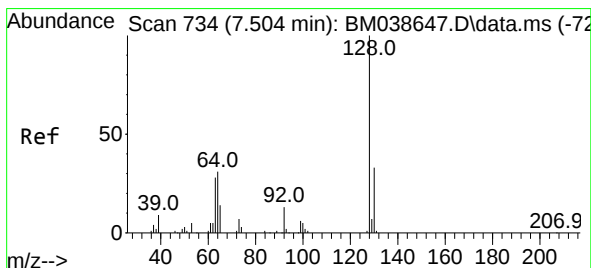
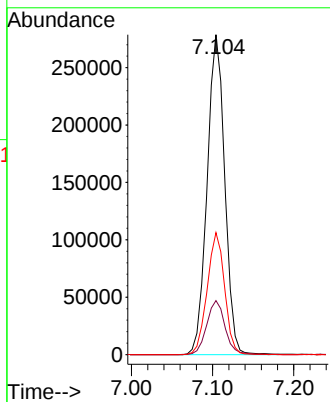
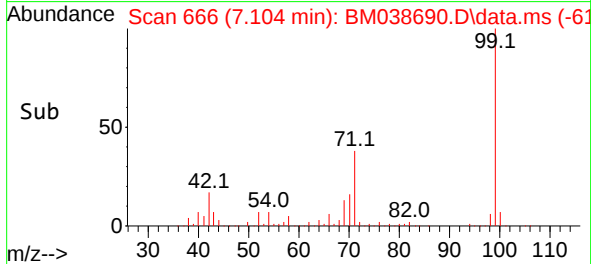
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ClientSampleId :  
SASP2-123-2(20-30)MS



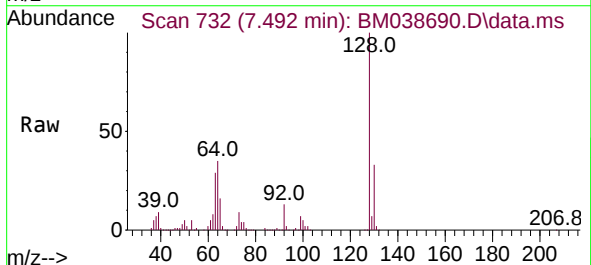
Tgt Ion: 99 Resp: 42140  
Ion Ratio Lower Upper  
99 100  
42 16.9 14.6 22.0  
71 38.1 31.0 46.4

Manual Integrations  
APPROVED

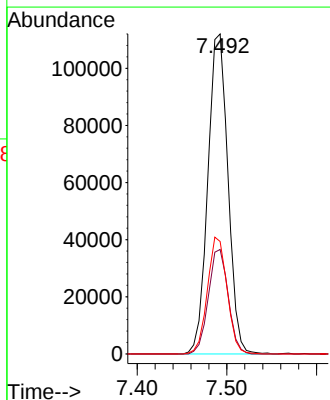
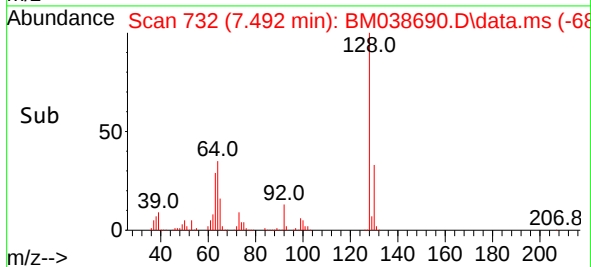
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

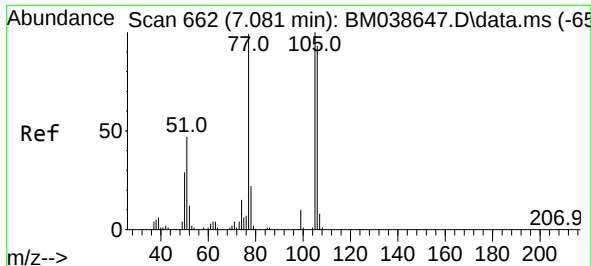


#8  
2-Chlorophenol  
Concen: 49.283 ng  
RT: 7.492 min Scan# 732  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



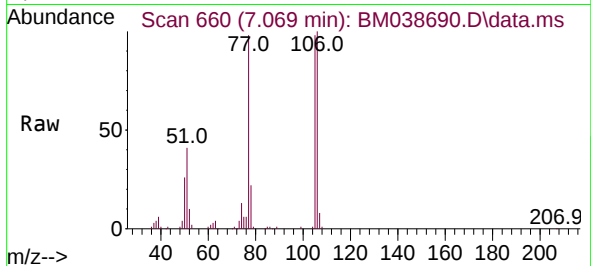
Tgt Ion:128 Resp: 174576  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.2 53.2  
64 35.1 17.3 57.3





#9  
Benzaldehyde  
Concen: 55.069 ng  
RT: 7.069 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

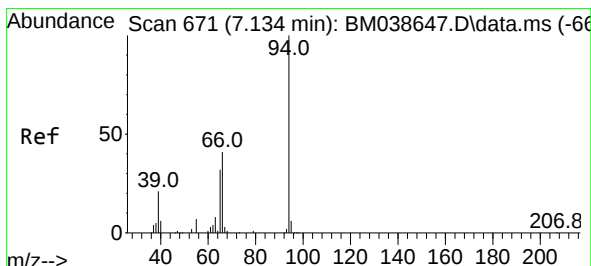
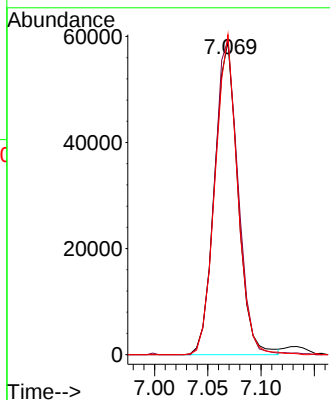
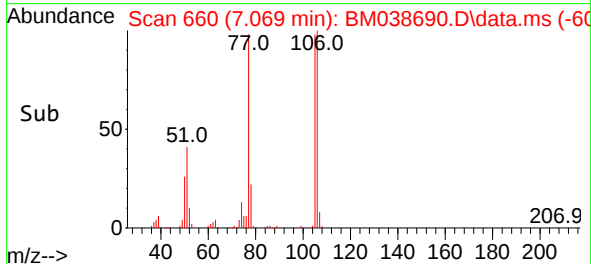
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



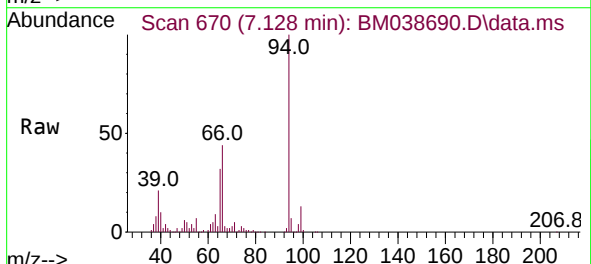
Tgt Ion: 77 Resp: 89866  
Ion Ratio Lower Upper  
77 100  
105 100.7 80.8 120.8  
106 102.3 73.8 113.8

Manual Integrations  
APPROVED

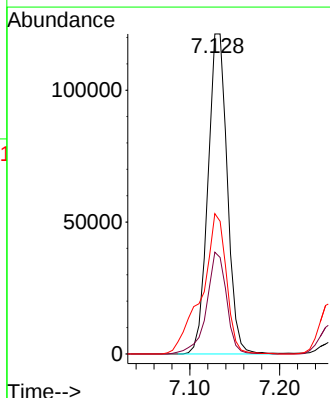
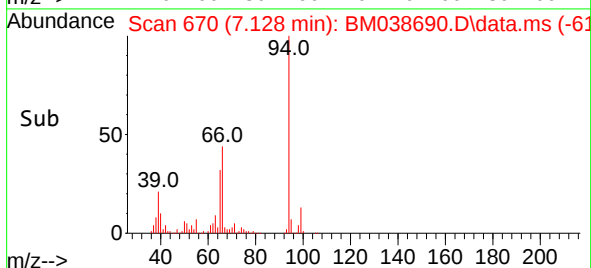
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

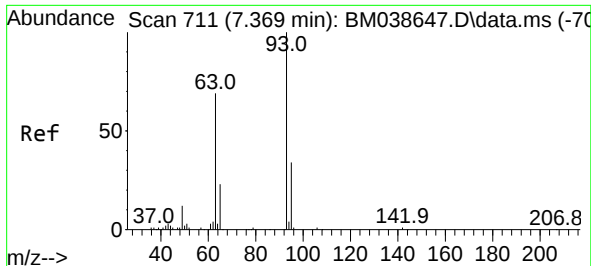


#10  
Phenol  
Concen: 48.645 ng  
RT: 7.128 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



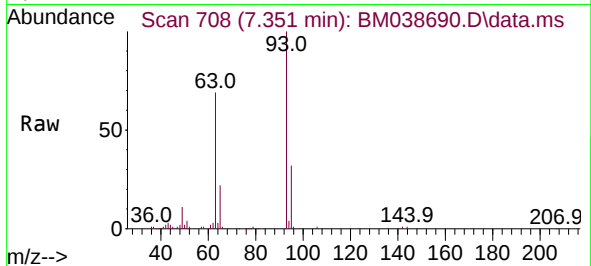
Tgt Ion: 94 Resp: 181955  
Ion Ratio Lower Upper  
94 100  
65 31.8 12.3 52.3  
66 43.8 24.2 64.2





#11  
bis(2-Chloroethyl)ether  
Concen: 46.735 ng  
RT: 7.351 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

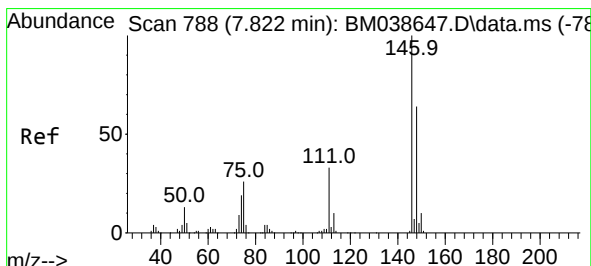
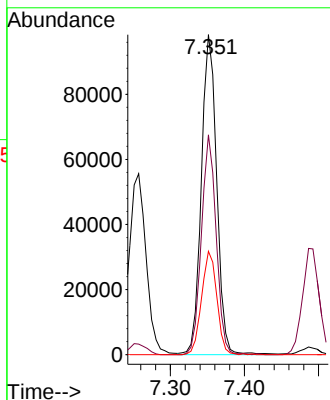
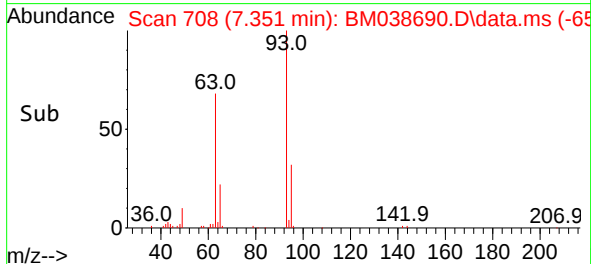
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



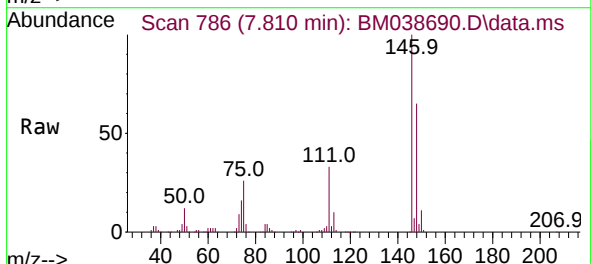
Tgt Ion: 93 Resp: 141568  
Ion Ratio Lower Upper  
93 100  
63 68.7 48.5 88.5  
95 32.3 13.8 53.8

Manual Integrations  
APPROVED

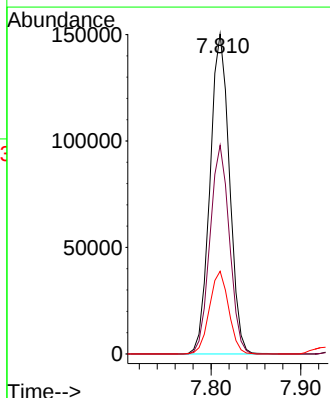
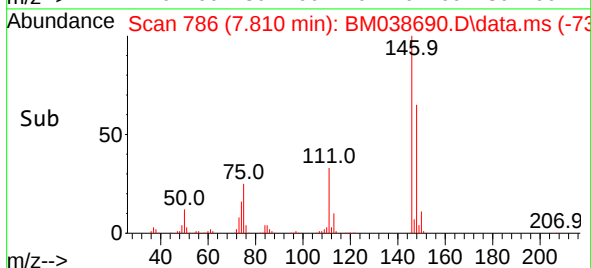
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

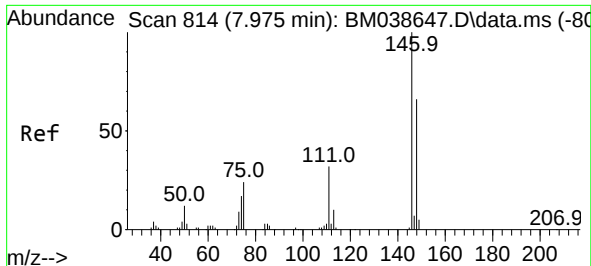


#12  
1,3-Dichlorobenzene  
Concen: 49.931 ng  
RT: 7.810 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:146 Resp: 225983  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.5 77.3  
75 25.8 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 49.913 ng

RT: 7.957 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS

Tgt Ion:146 Resp: 227986

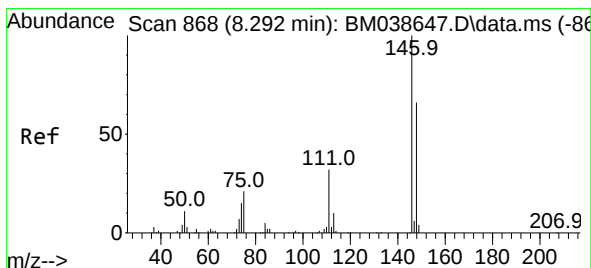
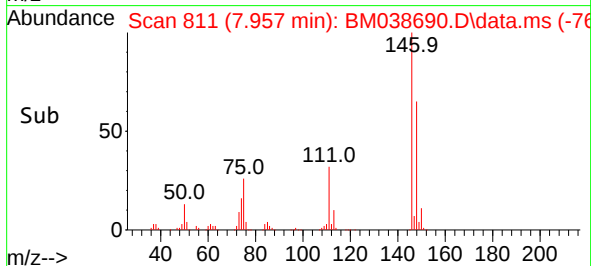
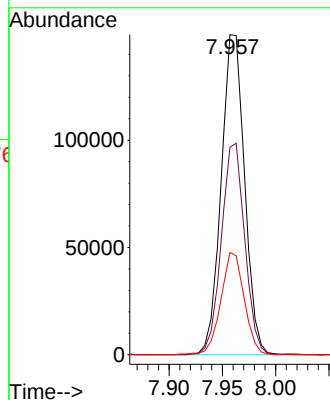
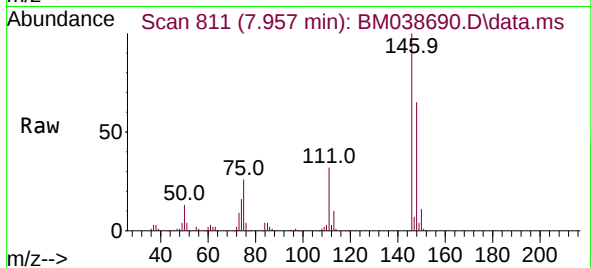
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.8  | 53.1  | 79.7  |
| 111 | 31.9  | 25.9  | 38.9  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#14

1,2-Dichlorobenzene

Concen: 50.379 ng

RT: 8.275 min Scan# 865

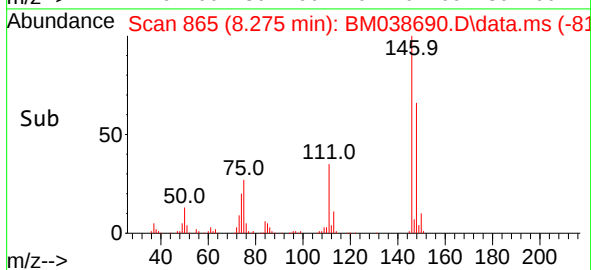
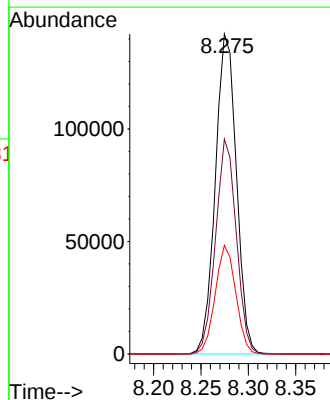
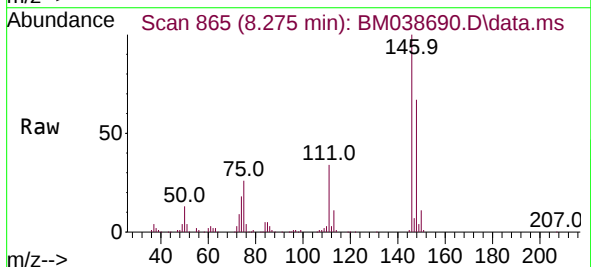
Delta R.T. -0.000 min

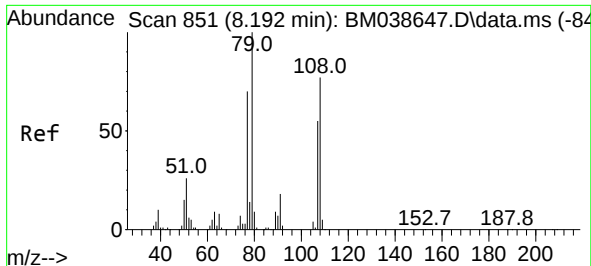
Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:146 Resp: 220449

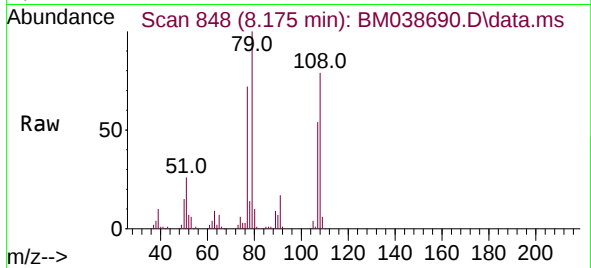
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 67.1  | 52.9  | 79.3  |
| 111 | 33.9  | 26.2  | 39.2  |





#15  
Benzyl Alcohol  
Concen: 46.810 ng m  
RT: 8.175 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

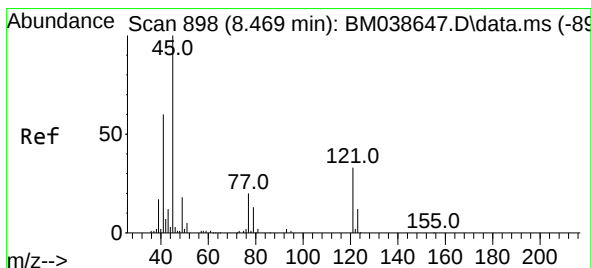
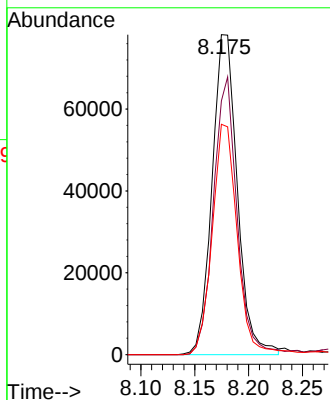
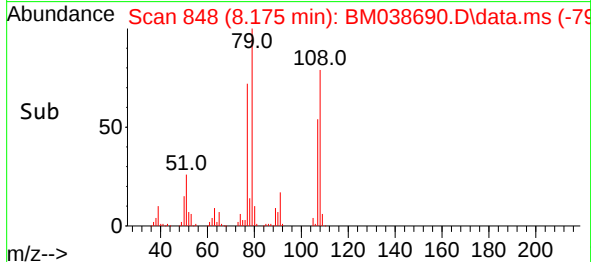
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion: 79 Resp: 127565  
Ion Ratio Lower Upper  
79 100  
108 79.3 61.9 92.9  
77 72.0 55.8 83.8

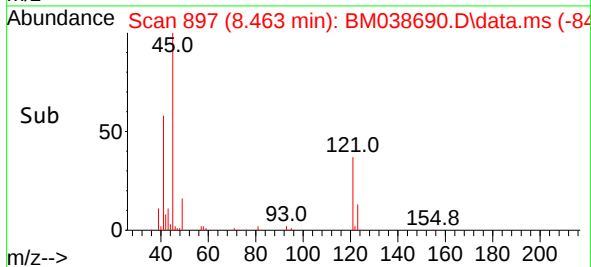
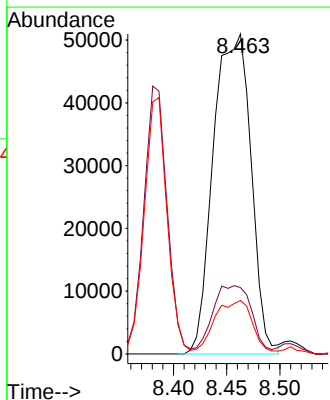
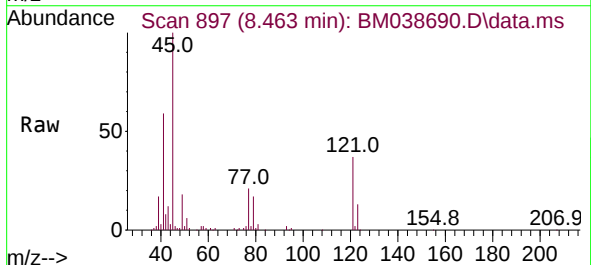
Manual Integrations  
APPROVED

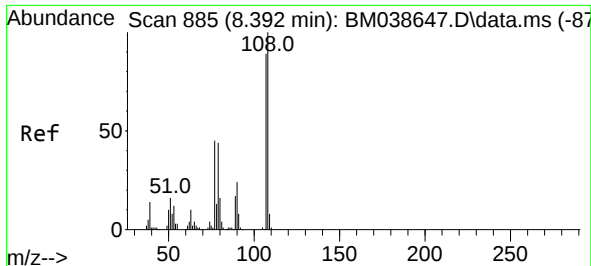
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.599 ng  
RT: 8.463 min Scan# 897  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

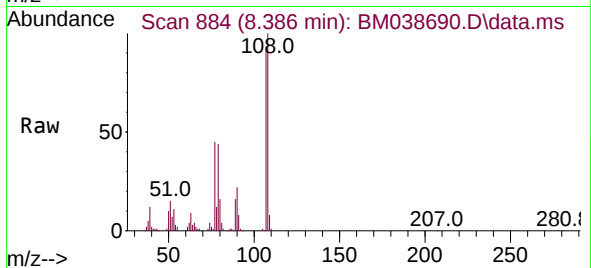
Tgt Ion: 45 Resp: 125096  
Ion Ratio Lower Upper  
45 100  
77 20.7 1.1 41.1  
79 16.7 0.0 34.6





#17  
2-Methylphenol  
Concen: 45.583 ng  
RT: 8.386 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

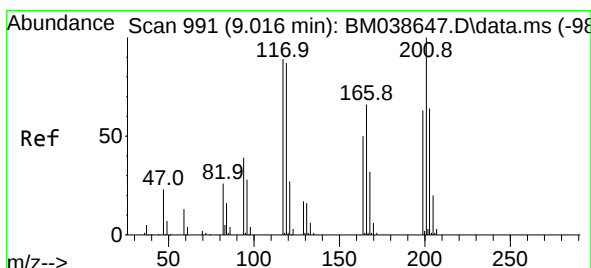
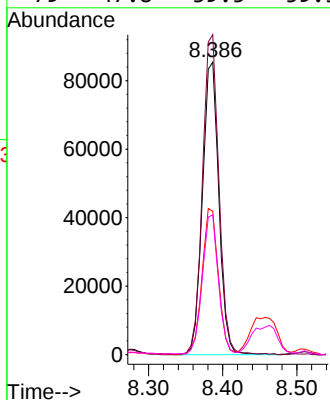
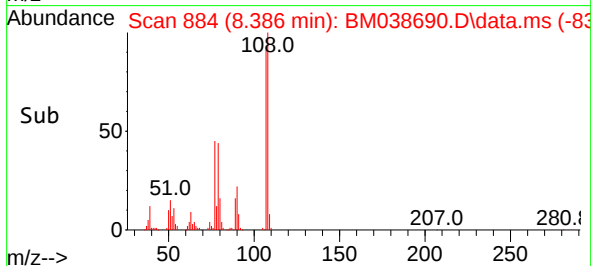
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 13078 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 109.4 | 89.6  | 134.4 |
| 77        | 49.0  | 40.7  | 61.1  |
| 79        | 47.8  | 39.5  | 59.3  |

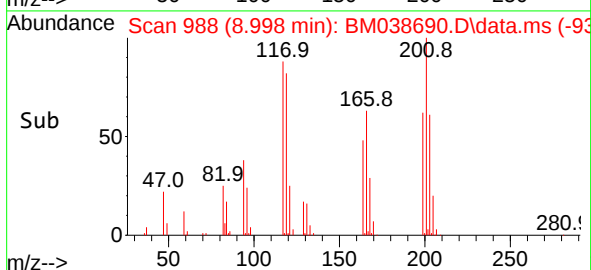
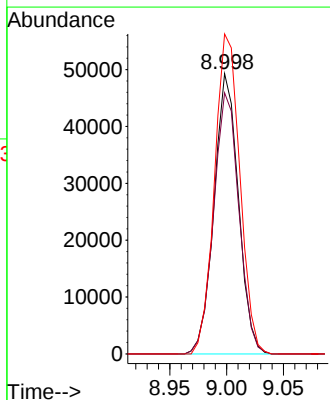
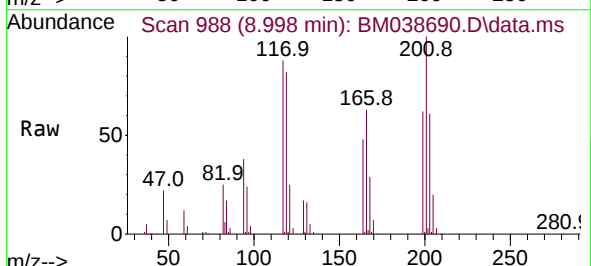
Manual Integrations  
APPROVED

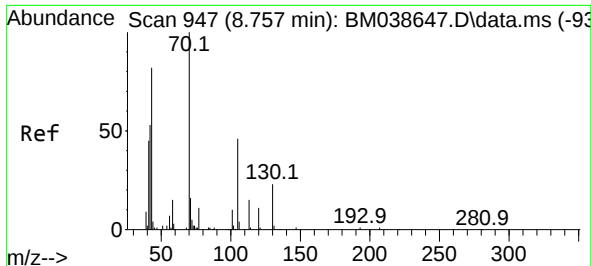
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#18  
Hexachloroethane  
Concen: 49.777 ng  
RT: 8.998 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

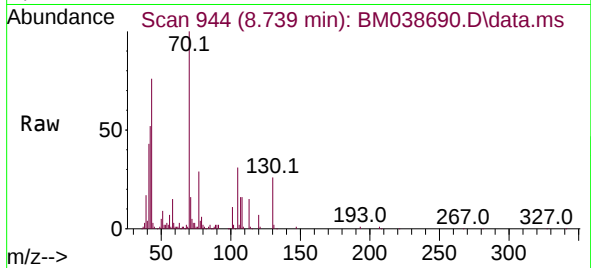
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 73427 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.1  | 78.6  | 117.8 |
| 201       | 114.2 | 90.2  | 135.2 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 46.966 ng  
RT: 8.739 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

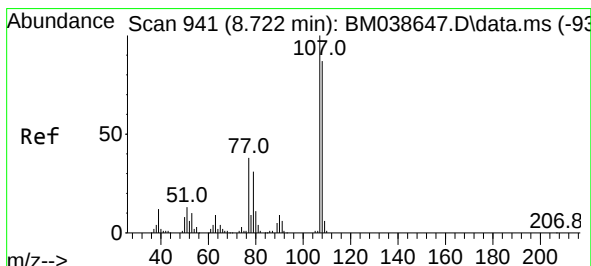
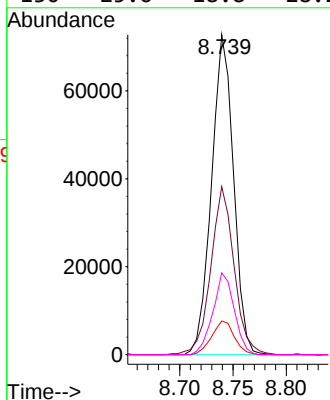
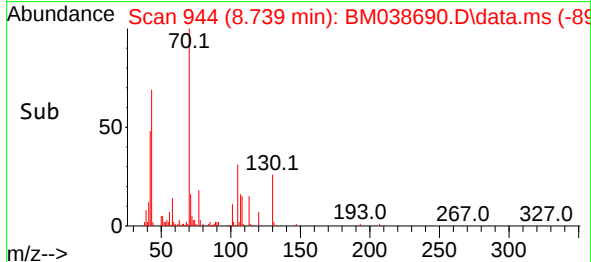
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion: 70 Resp: 104816  
Ion Ratio Lower Upper  
70 100  
42 52.5 43.4 65.2  
101 10.5 8.2 12.2  
130 25.6 18.8 28.2

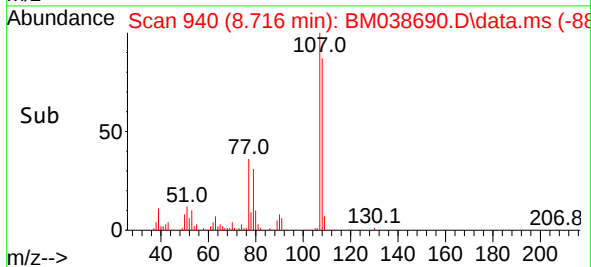
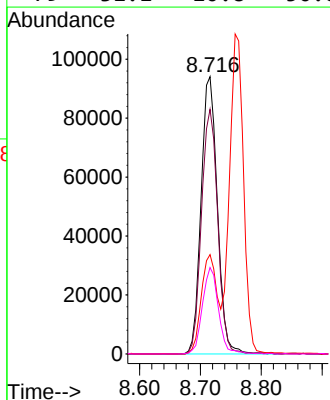
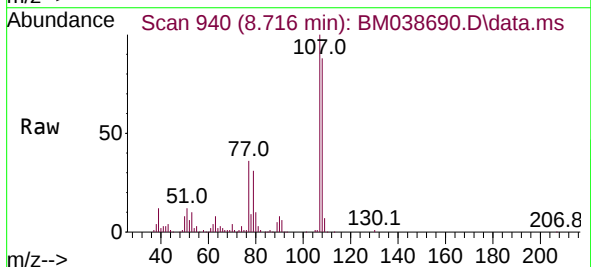
Manual Integrations  
APPROVED

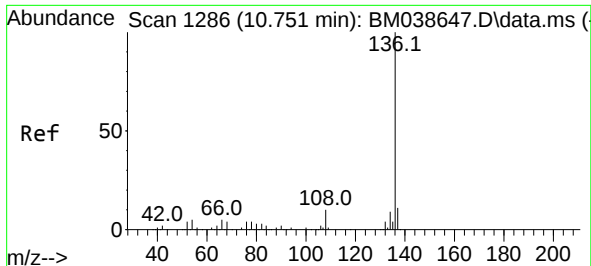
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#20  
3+4-Methylphenols  
Concen: 45.655 ng  
RT: 8.716 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

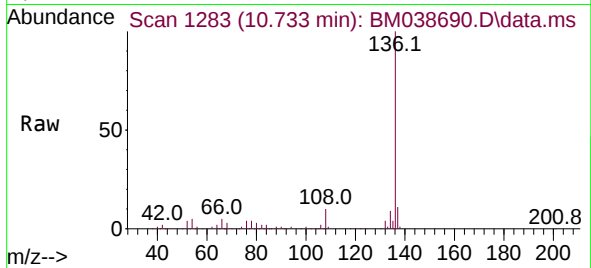
Tgt Ion:107 Resp: 174643  
Ion Ratio Lower Upper  
107 100  
108 88.2 67.2 107.2  
77 35.8 17.5 57.5  
79 31.1 10.8 50.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

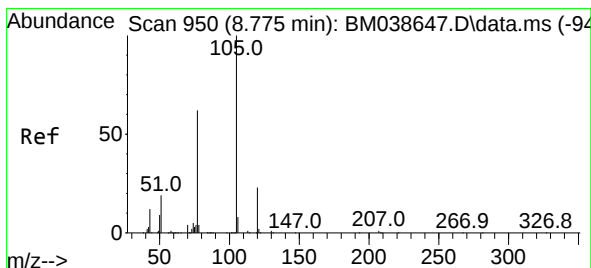
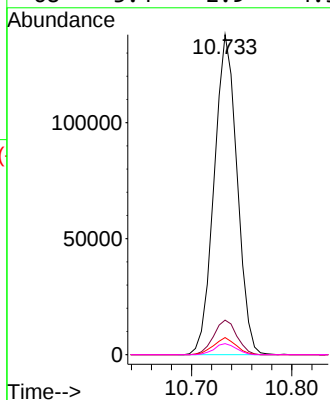
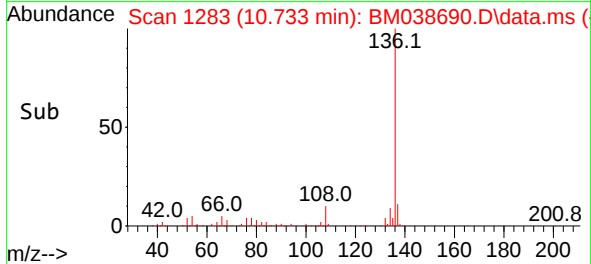
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:136 Resp: 219381  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 5.3 4.2 6.4  
68 3.4 2.9 4.3

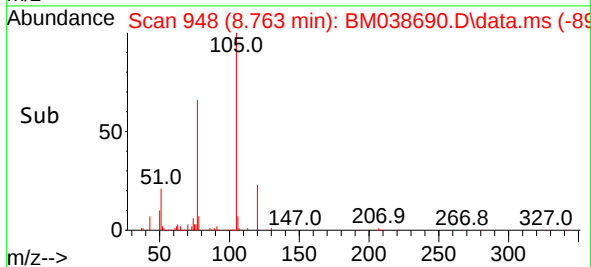
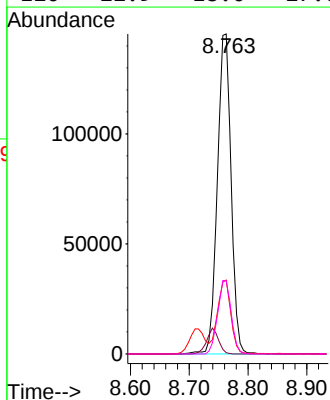
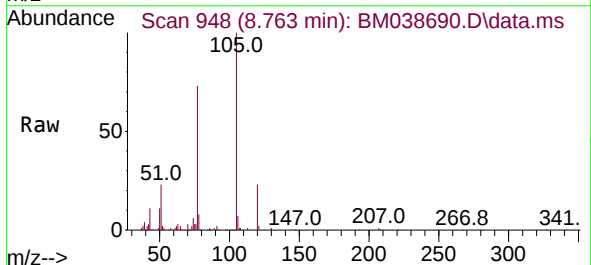
Manual Integrations  
APPROVED

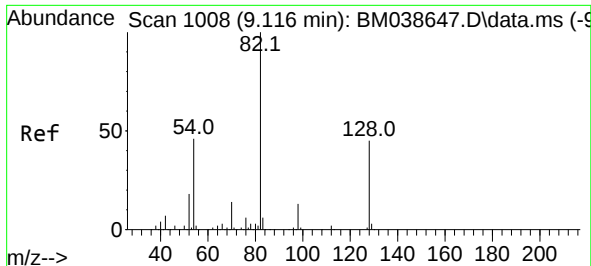
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#22  
Acetophenone  
Concen: 44.977 ng  
RT: 8.763 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

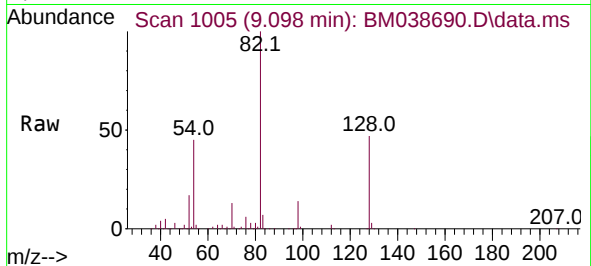
Tgt Ion:105 Resp: 235312  
Ion Ratio Lower Upper  
105 100  
71 0.4 0.9 1.3#  
51 23.1 19.3 28.9  
120 22.9 18.0 27.0





#23  
Nitrobenzene-d5  
Concen: 66.288 ng  
RT: 9.098 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

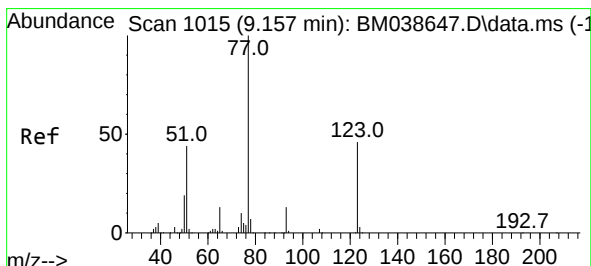
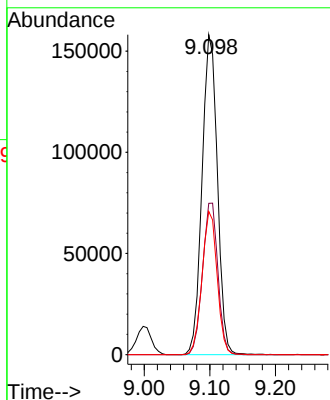
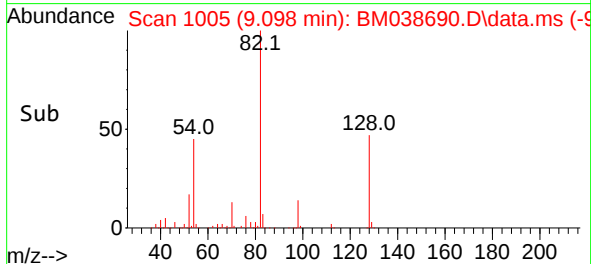
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion: 82 Resp: 256024  
Ion Ratio Lower Upper  
82 100  
128 47.3 36.0 54.0  
54 44.7 36.8 55.2

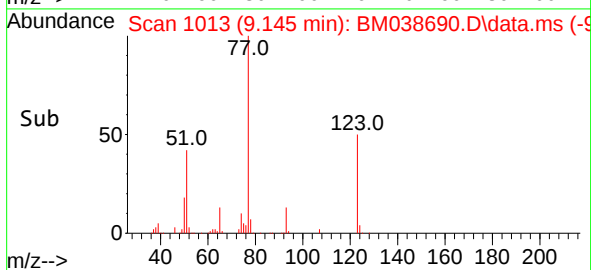
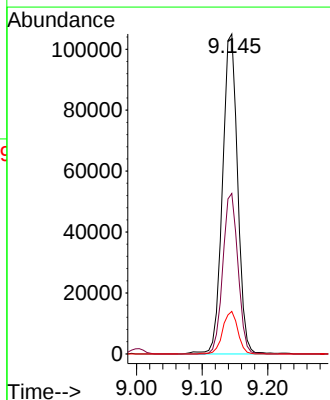
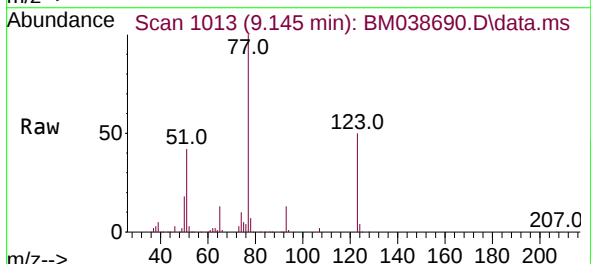
Manual Integrations  
APPROVED

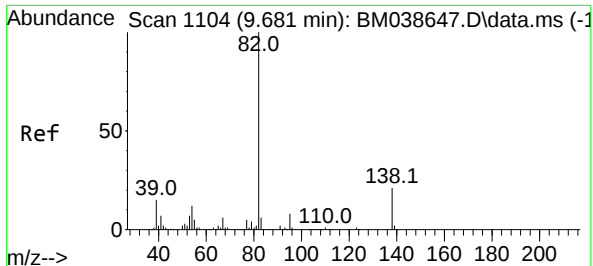
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#24  
Nitrobenzene  
Concen: 43.083 ng  
RT: 9.145 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

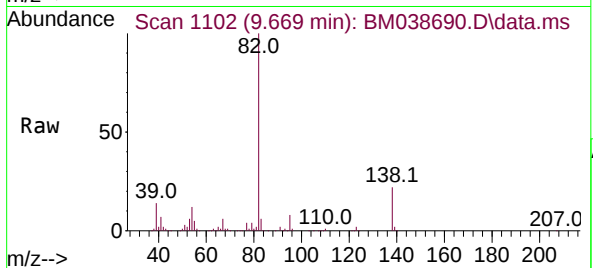
Tgt Ion: 77 Resp: 168896  
Ion Ratio Lower Upper  
77 100  
123 50.1 36.5 54.7  
65 13.3 10.7 16.1





#25  
Isophorone  
Concen: 43.264 ng  
RT: 9.669 min Scan# 1102  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

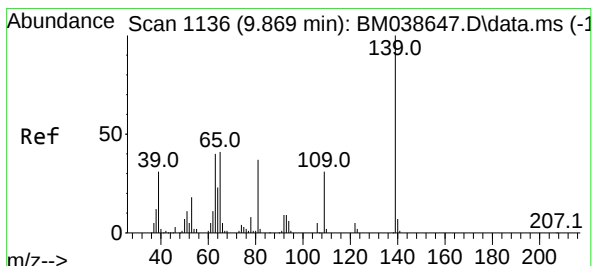
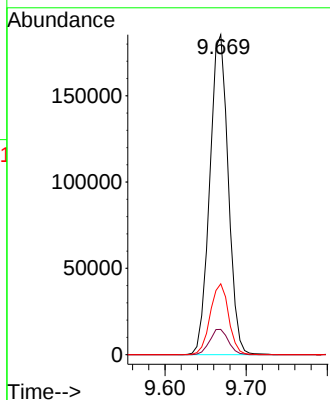
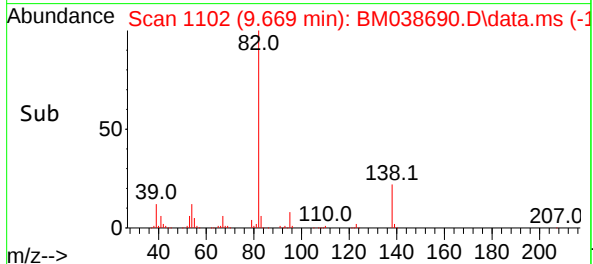
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion: 82 Resp: 292723  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.4 9.6  
138 22.1 17.0 25.6

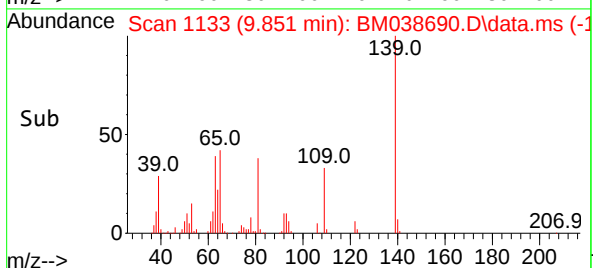
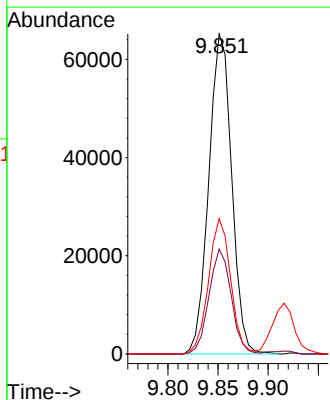
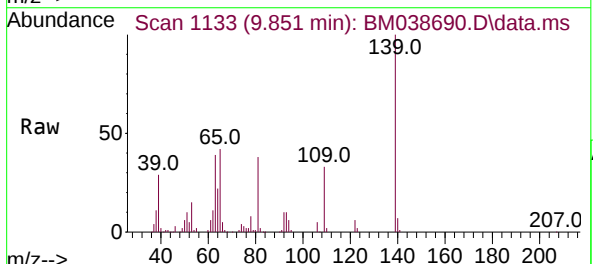
Manual Integrations  
APPROVED

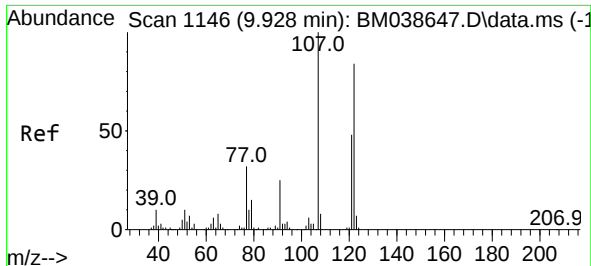
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#26  
2-Nitrophenol  
Concen: 47.427 ng  
RT: 9.851 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

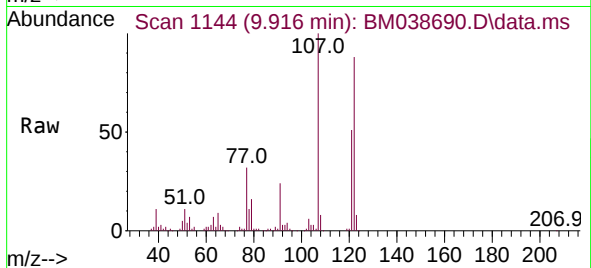
Tgt Ion:139 Resp: 103460  
Ion Ratio Lower Upper  
139 100  
109 32.7 24.5 36.7  
65 42.2 32.6 49.0





#27  
2,4-Dimethylphenol  
Concen: 48.401 ng  
RT: 9.916 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

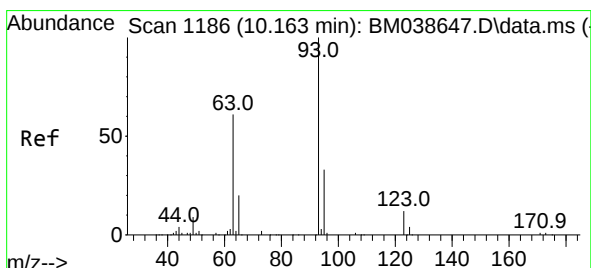
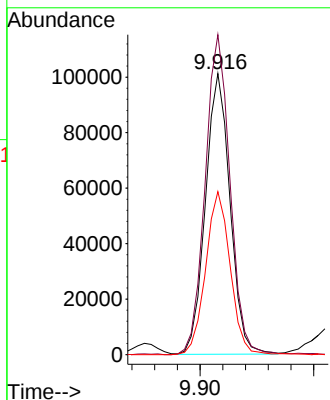
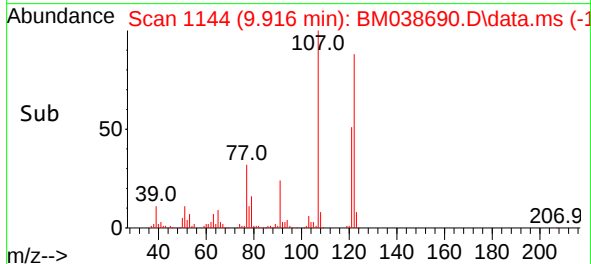
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:122 Resp: 15233  
Ion Ratio Lower Upper  
122 100  
107 113.8 94.9 142.3  
121 58.0 45.5 68.3

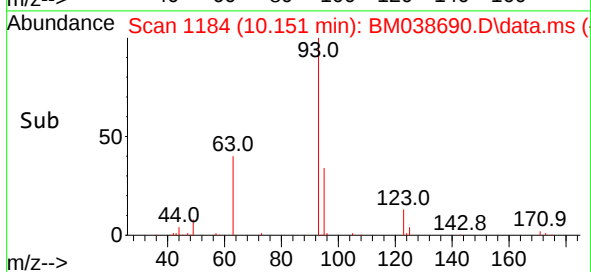
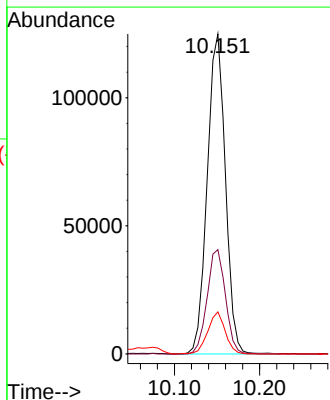
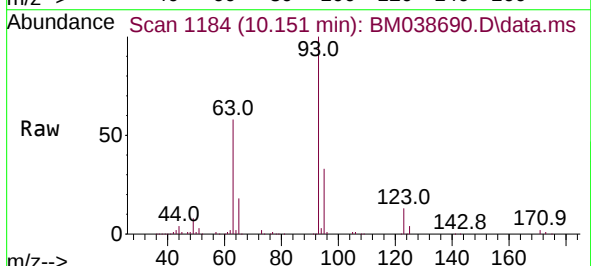
Manual Integrations  
APPROVED

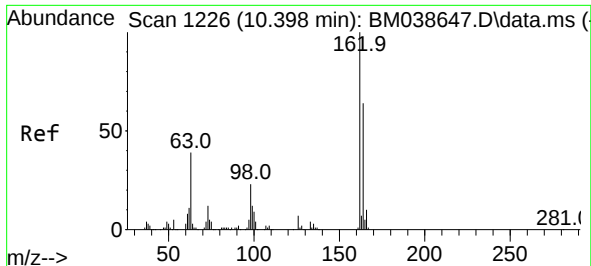
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.647 ng  
RT: 10.151 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

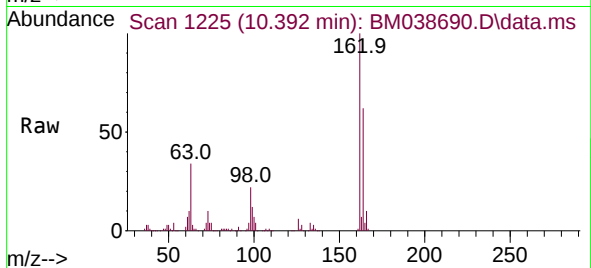
Tgt Ion: 93 Resp: 184610  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.6 40.0  
123 13.1 9.6 14.4





#29  
2,4-Dichlorophenol  
Concen: 48.330 ng  
RT: 10.392 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

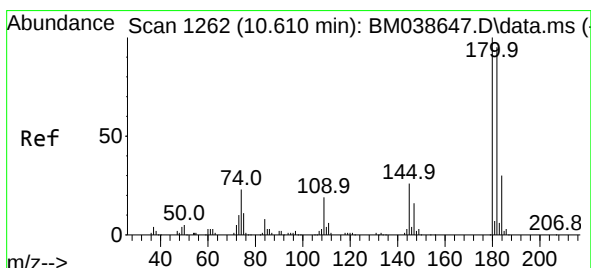
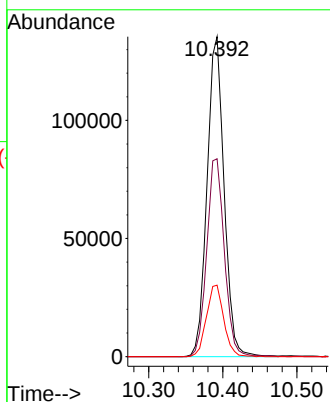
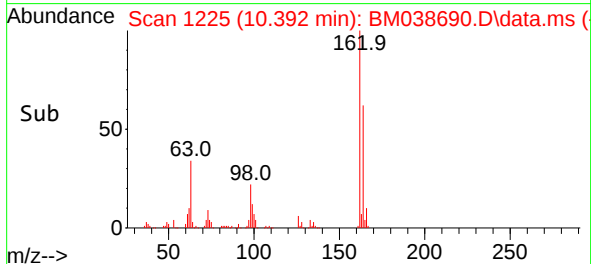
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



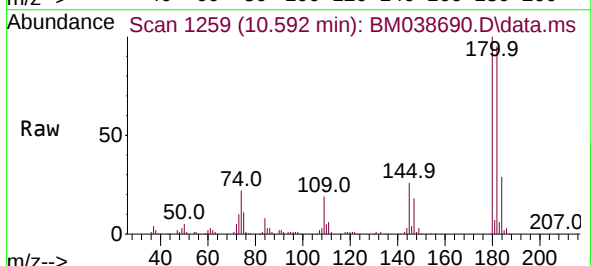
Tgt Ion:162 Resp: 216107  
Ion Ratio Lower Upper  
162 100  
164 61.8 44.3 84.3  
98 22.3 3.1 43.1

Manual Integrations  
APPROVED

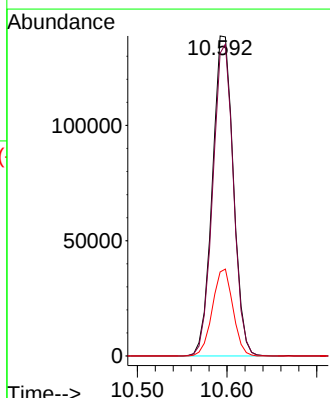
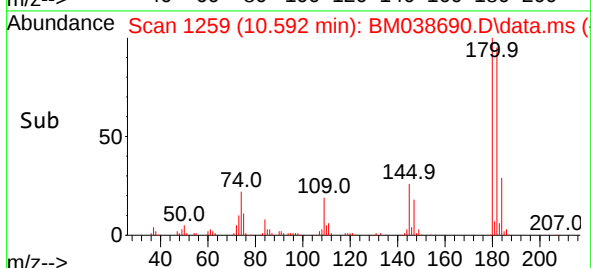
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

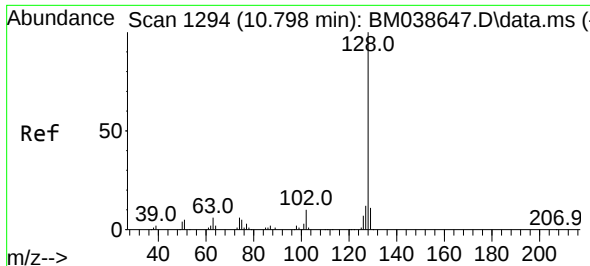


#30  
1,2,4-Trichlorobenzene  
Concen: 47.593 ng  
RT: 10.592 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



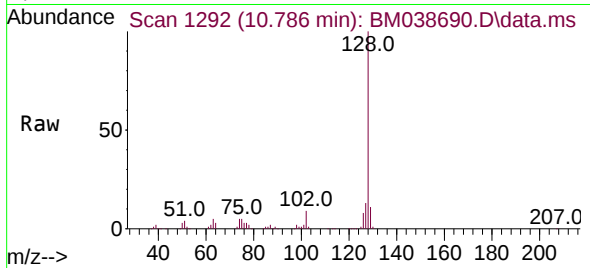
Tgt Ion:180 Resp: 226377  
Ion Ratio Lower Upper  
180 100  
182 94.6 76.2 114.2  
145 26.2 20.8 31.2





#31  
Naphthalene  
Concen: 46.127 ng  
RT: 10.786 min Scan# 1292  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

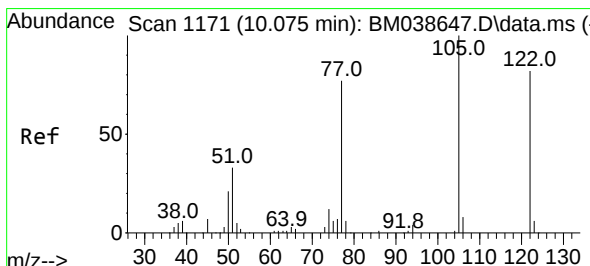
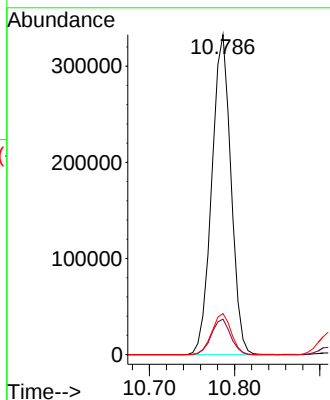
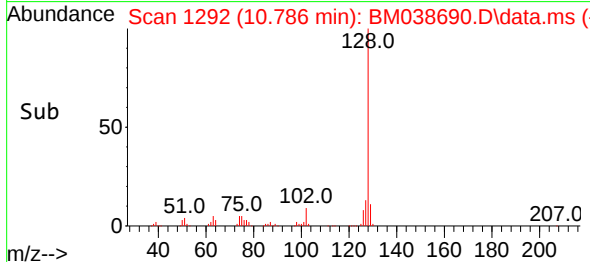
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:128 Resp: 519288  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 12.8 9.9 14.9

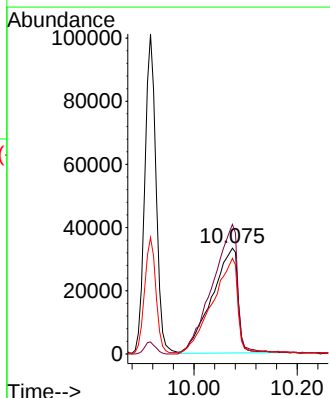
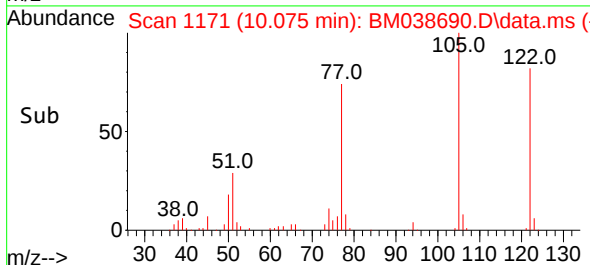
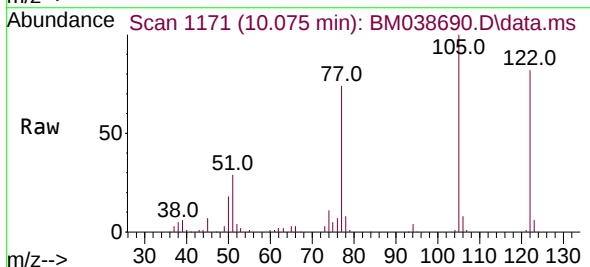
Manual Integrations  
APPROVED

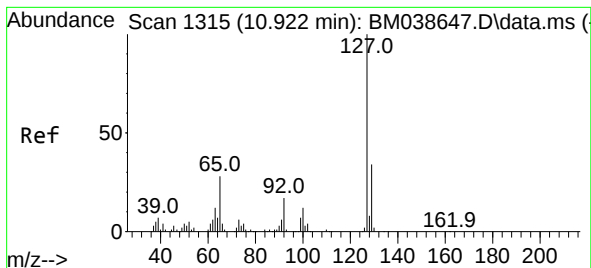
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#32  
Benzoic acid  
Concen: 45.869 ng  
RT: 10.075 min Scan# 1171  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

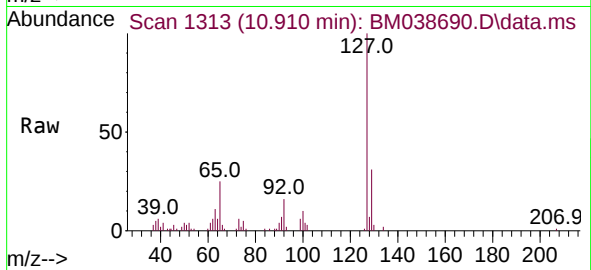
Tgt Ion:122 Resp: 116864  
Ion Ratio Lower Upper  
122 100  
105 122.5 99.2 139.2  
77 90.5 72.3 112.3





#33  
4-Chloroaniline  
Concen: 8.628 ng  
RT: 10.910 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

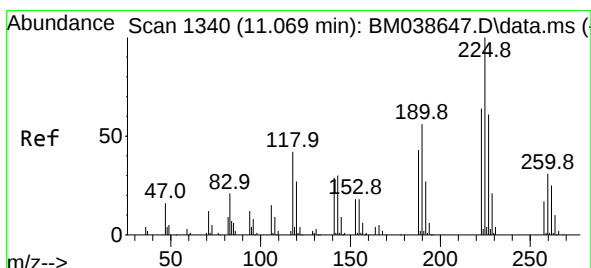
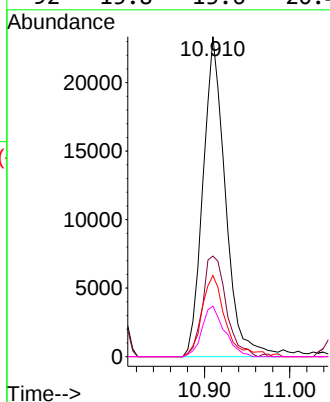
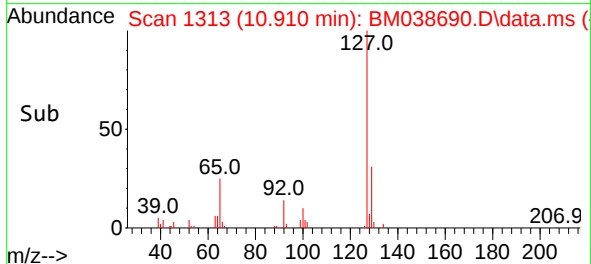
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:127 Resp: 42562  
Ion Ratio Lower Upper  
127 100  
129 31.4 27.1 40.7  
65 25.3 22.2 33.4  
92 15.8 13.6 20.4

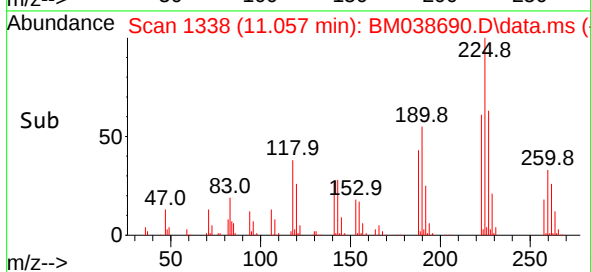
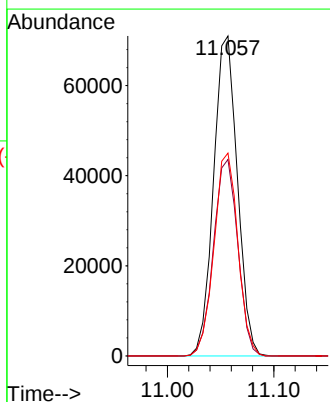
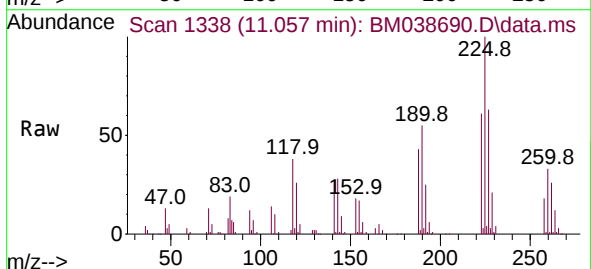
Manual Integrations  
APPROVED

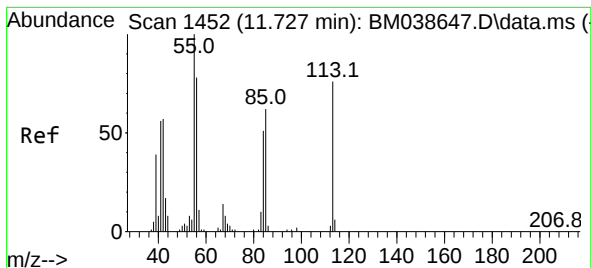
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#34  
Hexachlorobutadiene  
Concen: 46.339 ng  
RT: 11.057 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

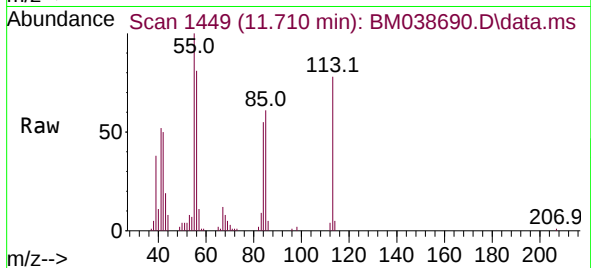
Tgt Ion:225 Resp: 110413  
Ion Ratio Lower Upper  
225 100  
223 61.4 51.0 76.4  
227 63.4 49.2 73.8





#35  
Caprolactam  
Concen: 45.110 ng  
RT: 11.710 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

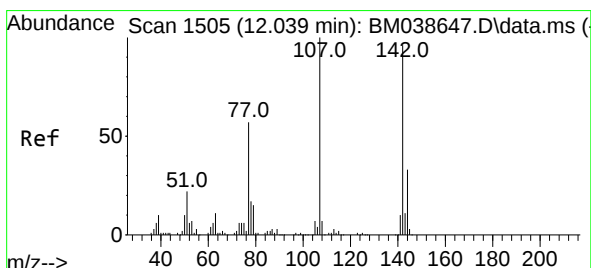
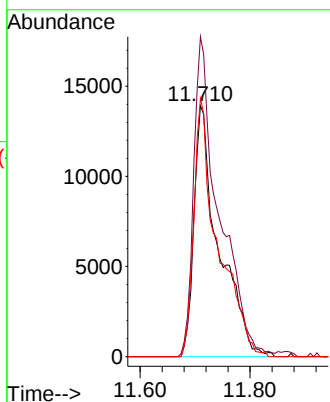
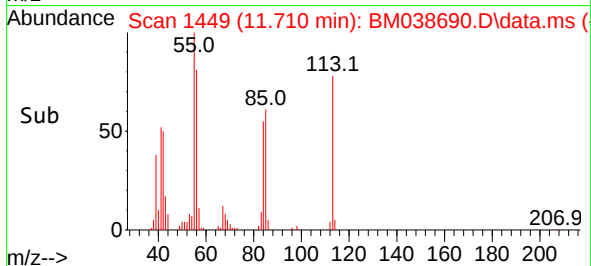
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:113 Resp: 43441  
Ion Ratio Lower Upper  
113 100  
55 127.5 111.2 151.2  
56 102.9 82.0 122.0

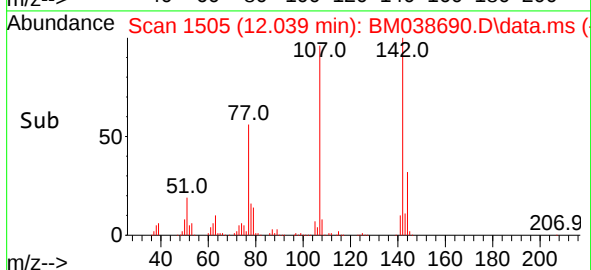
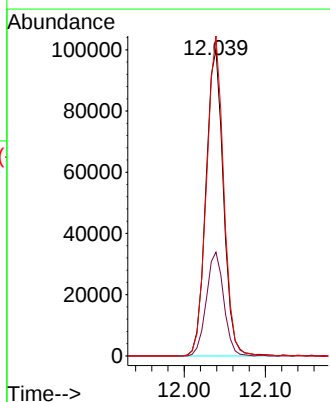
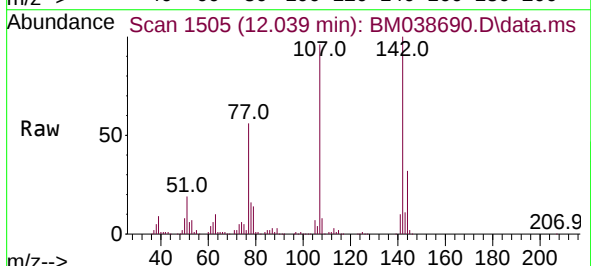
Manual Integrations  
APPROVED

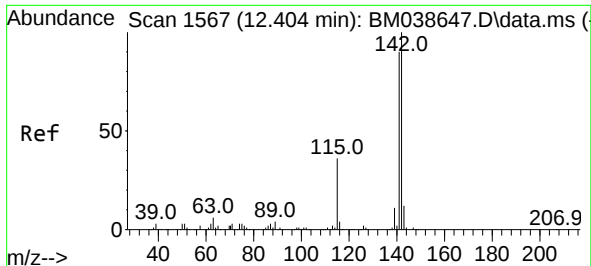
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#36  
4-Chloro-3-methylphenol  
Concen: 45.359 ng  
RT: 12.039 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Tgt Ion:107 Resp: 149975  
Ion Ratio Lower Upper  
107 100  
144 33.9 26.5 39.7  
142 104.5 77.0 115.6





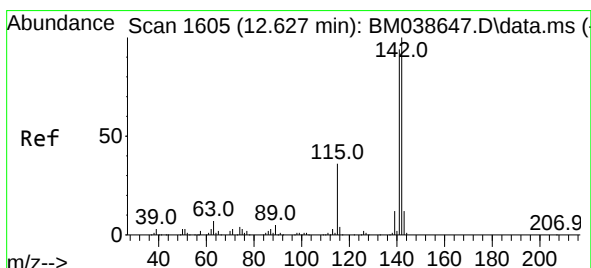
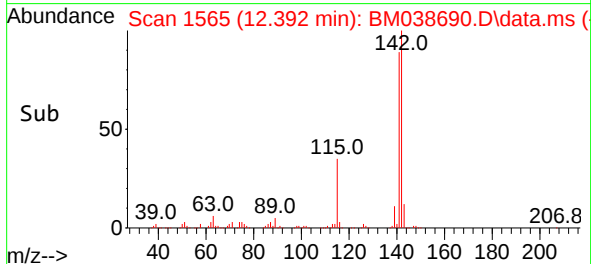
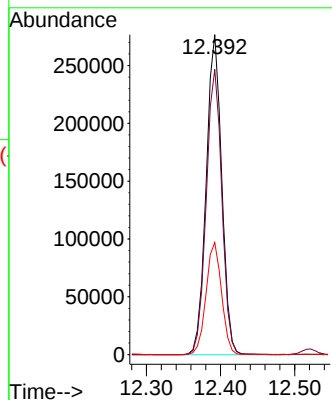
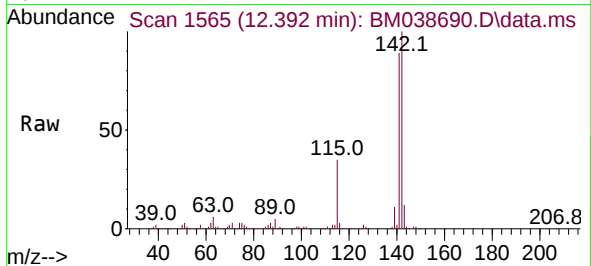
#37  
2-Methylnaphthalene  
Concen: 44.169 ng  
RT: 12.392 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS

Tgt Ion:142 Resp: 401823  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.8 107.8  
115 35.0 28.7 43.1

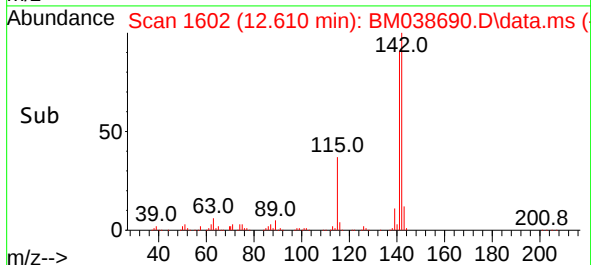
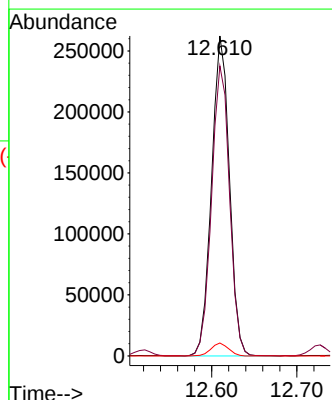
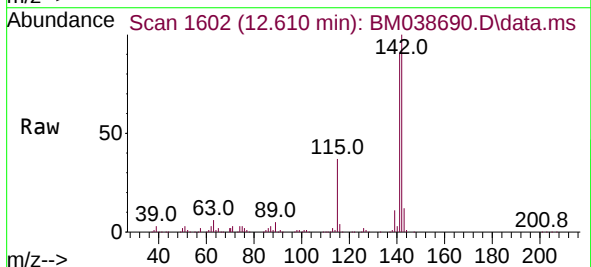
Manual Integrations  
APPROVED

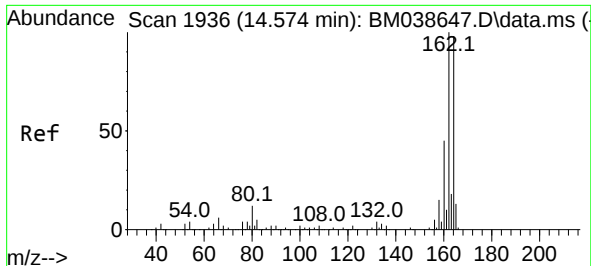
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#38  
1-Methylnaphthalene  
Concen: 44.458 ng  
RT: 12.610 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

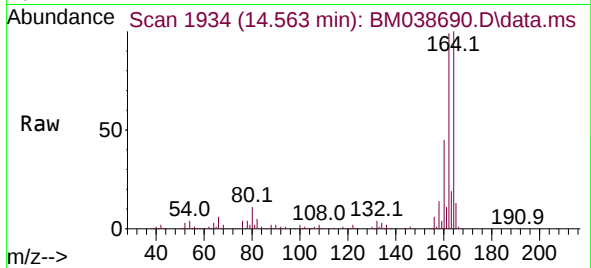
Tgt Ion:142 Resp: 381107  
Ion Ratio Lower Upper  
142 100  
141 90.6 75.5 113.3  
116 4.0 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

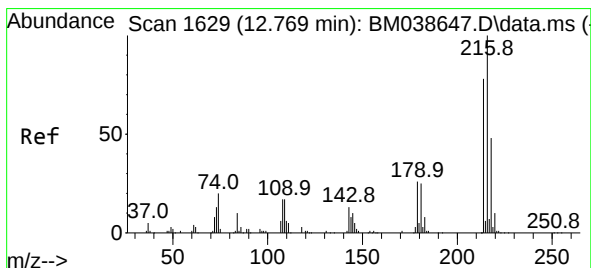
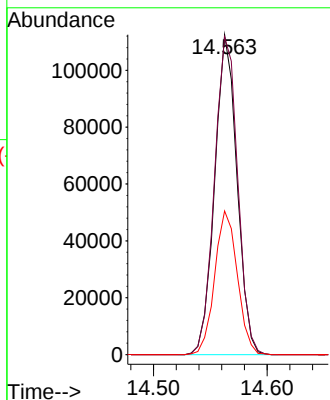
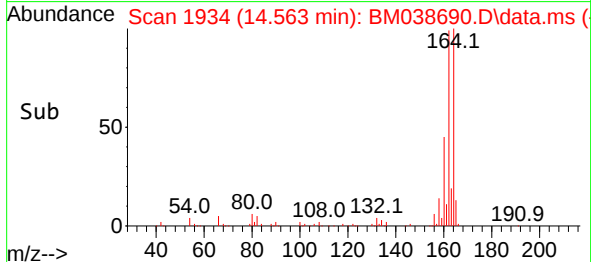
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:164 Resp: 153340  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.4 122.0  
160 44.9 36.5 54.7

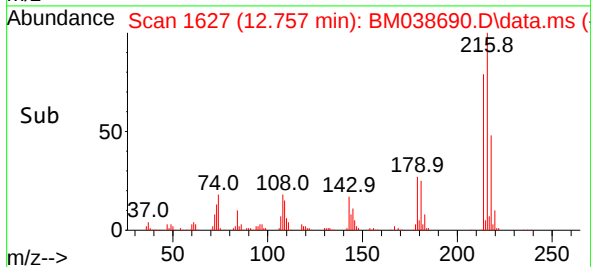
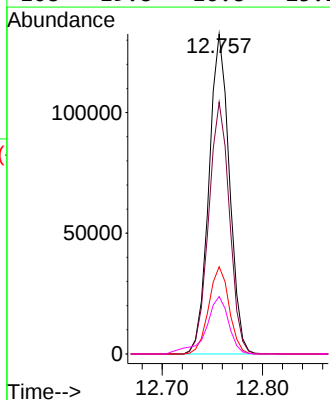
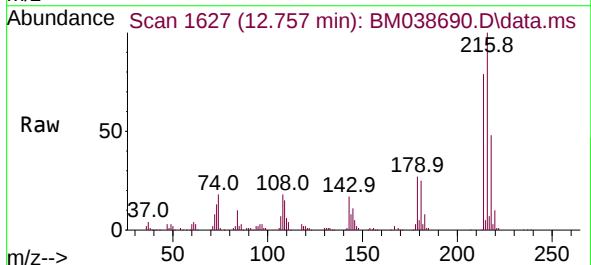
Manual Integrations  
APPROVED

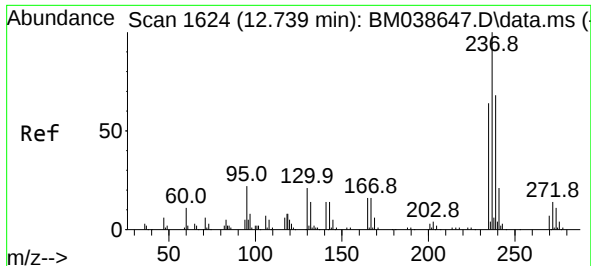
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.000 ng  
RT: 12.757 min Scan# 1627  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

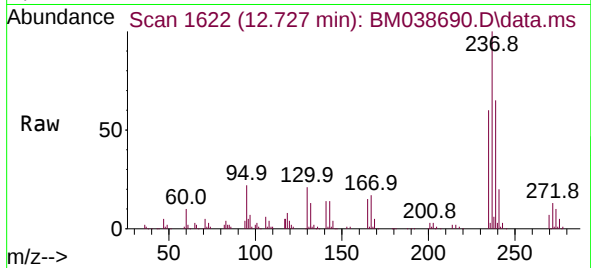
Tgt Ion:216 Resp: 187563  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.4 95.0  
179 27.2 21.0 31.4  
108 19.8 16.8 25.2





#41  
Hexachlorocyclopentadiene  
Concen: 37.437 ng  
RT: 12.727 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

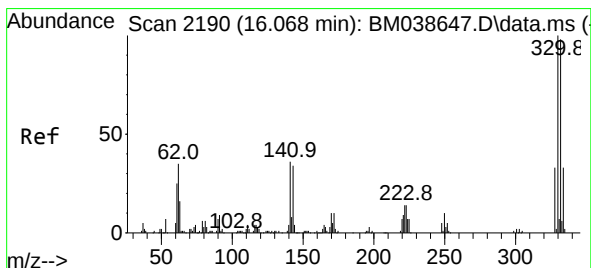
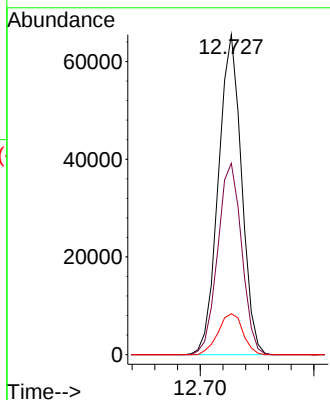
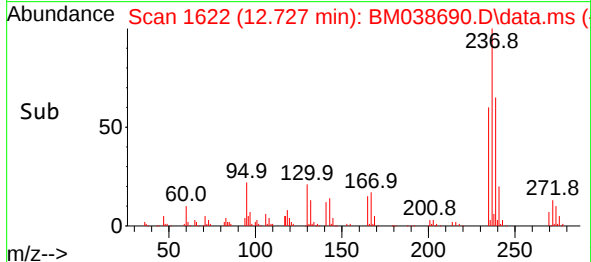
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



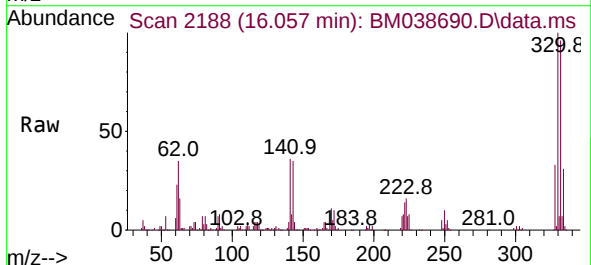
Tgt Ion: 237 Resp: 9270  
Ion Ratio Lower Upper  
237 100  
235 59.8 43.8 83.8  
272 12.8 0.0 33.8

Manual Integrations  
APPROVED

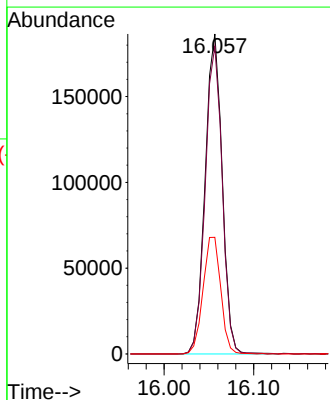
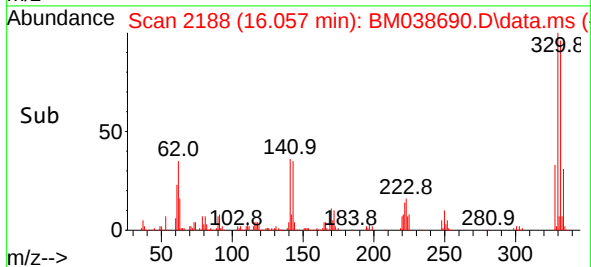
Reviewed By : Christian Giraldo 02/06/2023  
Supervised By : Jagrut Upadhyay 02/06/2023

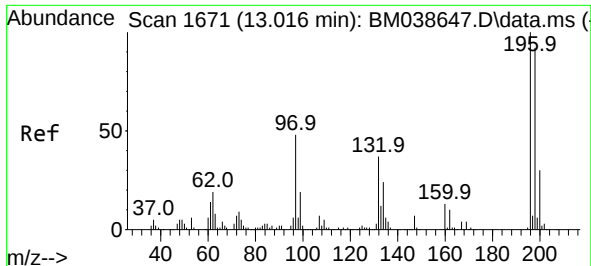


#42  
2,4,6-Tribromophenol  
Concen: 118.386 ng  
RT: 16.057 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



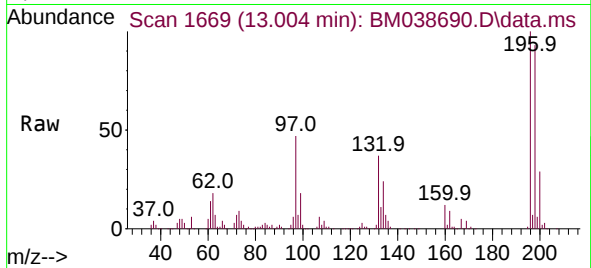
Tgt Ion: 330 Resp: 246743  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.8 116.6  
141 37.8 31.0 46.6





#43  
2,4,6-Trichlorophenol  
Concen: 49.144 ng  
RT: 13.004 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

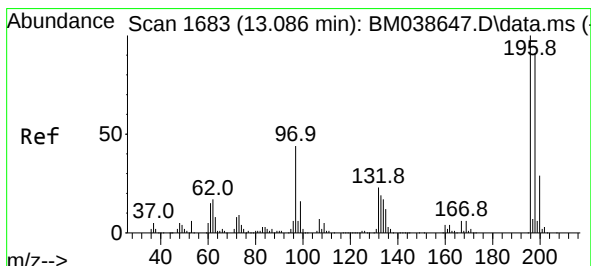
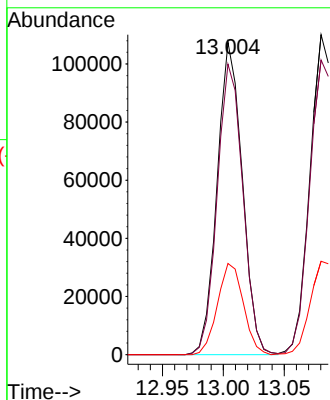
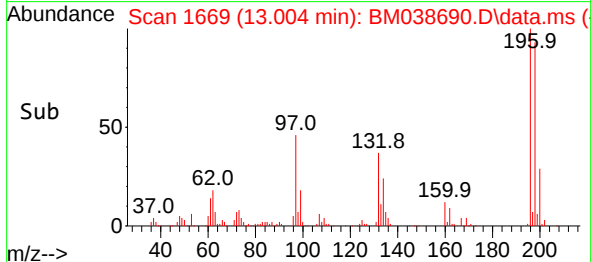
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:196 Resp: 154076  
Ion Ratio Lower Upper  
196 100  
198 93.1 73.7 110.5  
200 29.2 24.3 36.5

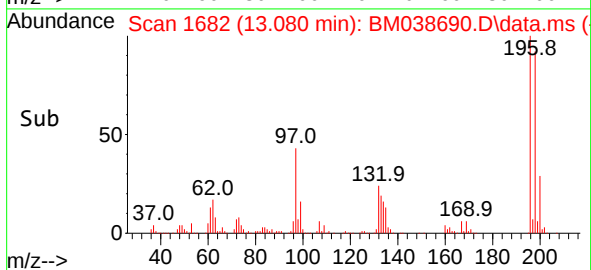
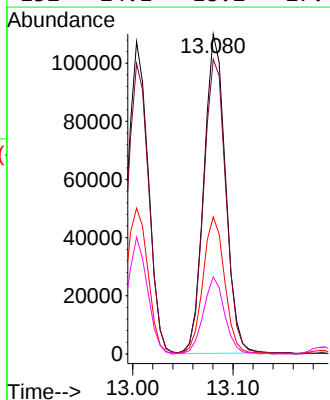
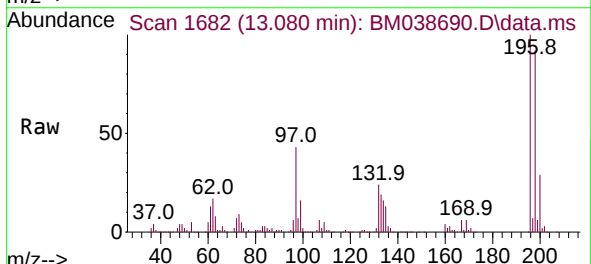
Manual Integrations  
APPROVED

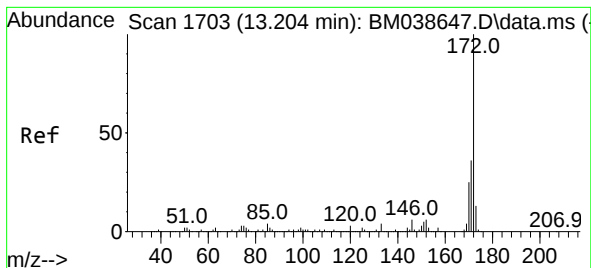
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#44  
2,4,5-Trichlorophenol  
Concen: 44.399 ng  
RT: 13.080 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Tgt Ion:196 Resp: 163806  
Ion Ratio Lower Upper  
196 100  
198 92.1 73.1 109.7  
97 42.8 35.5 53.3  
132 24.1 18.2 27.4





#45

2-Fluorobiphenyl

Concen: 65.650 ng

RT: 13.186 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM038690.D

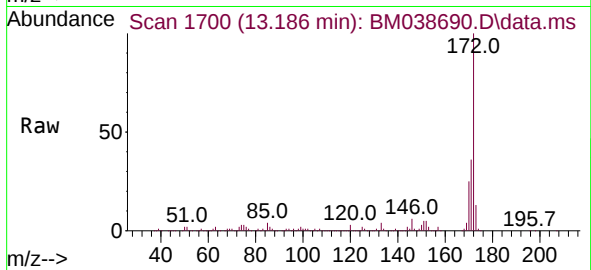
Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS



Tgt Ion:172 Resp: 790735

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

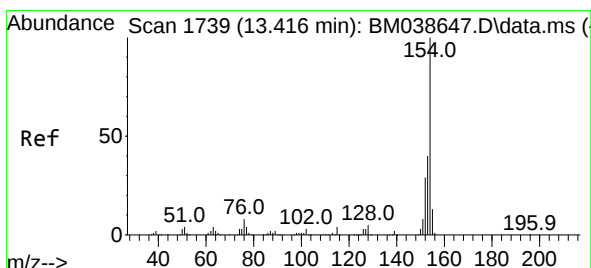
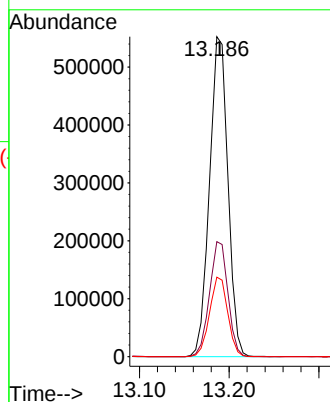
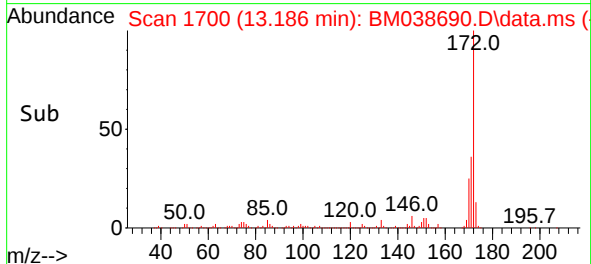
170 24.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#46

1,1'-Biphenyl

Concen: 47.941 ng

RT: 13.398 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

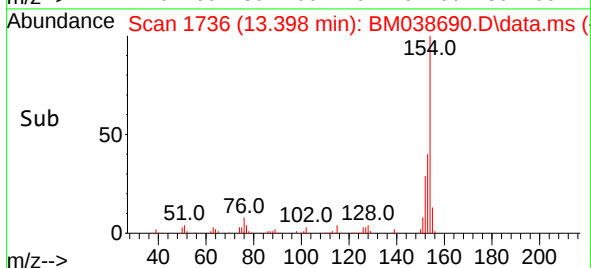
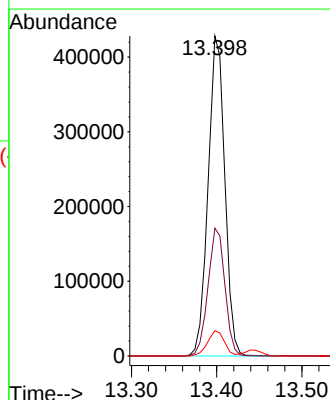
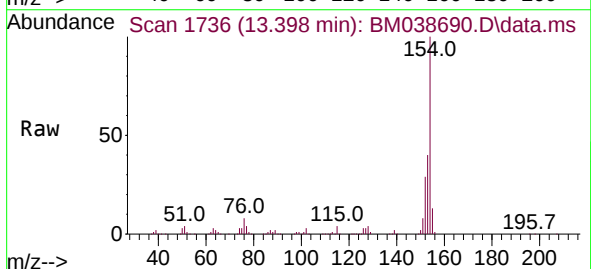
Tgt Ion:154 Resp: 582322

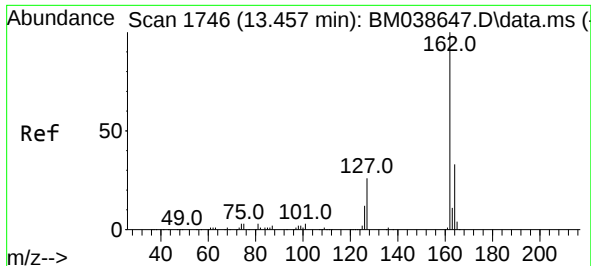
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

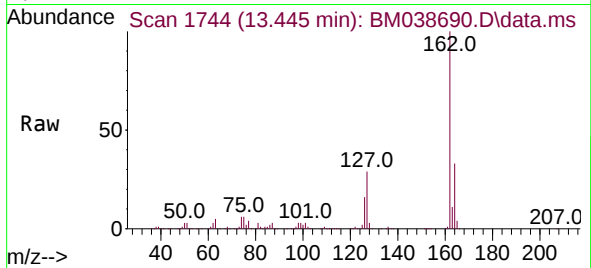
76 7.9 0.0 27.9





#47  
2-Chloronaphthalene  
Concen: 49.664 ng  
RT: 13.445 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

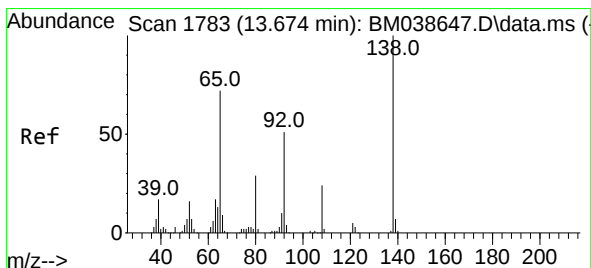
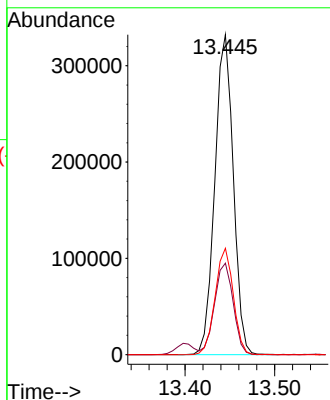
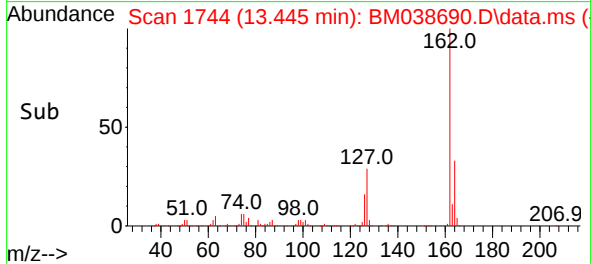
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:162 Resp: 474696  
Ion Ratio Lower Upper  
162 100  
127 28.6 23.6 35.4  
164 33.3 26.7 40.1

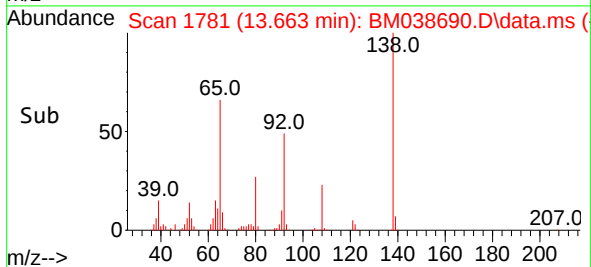
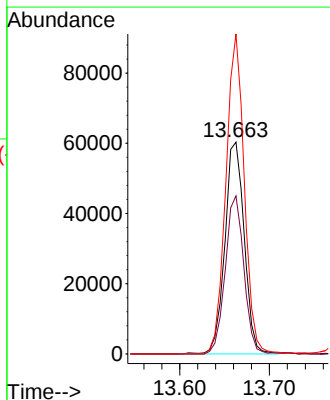
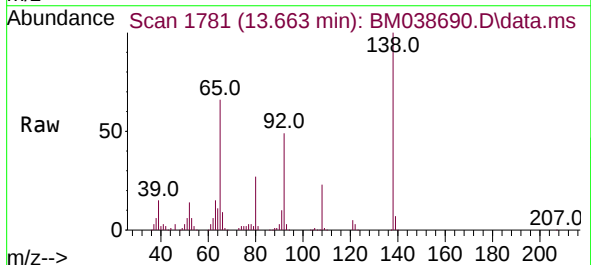
Manual Integrations  
APPROVED

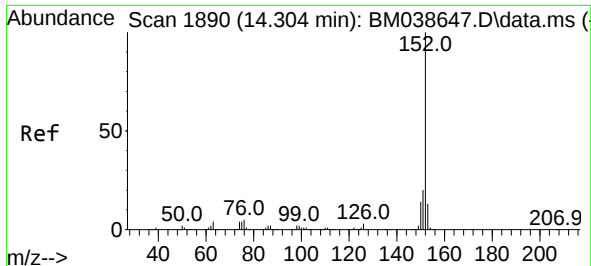
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#48  
2-Nitroaniline  
Concen: 42.397 ng  
RT: 13.663 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

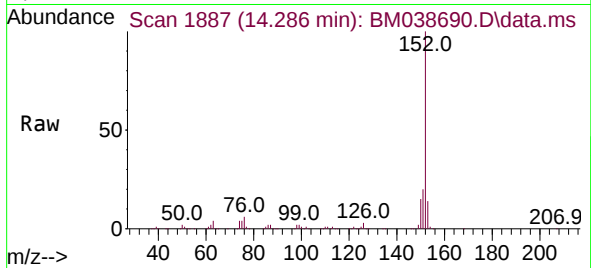
Tgt Ion: 65 Resp: 90882  
Ion Ratio Lower Upper  
65 100  
92 74.6 55.9 83.9  
138 151.1 110.6 166.0





#49  
Acenaphthylene  
Concen: 47.421 ng  
RT: 14.286 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

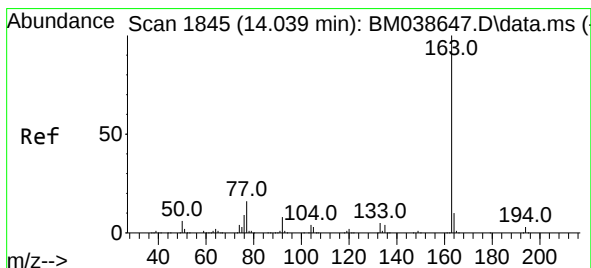
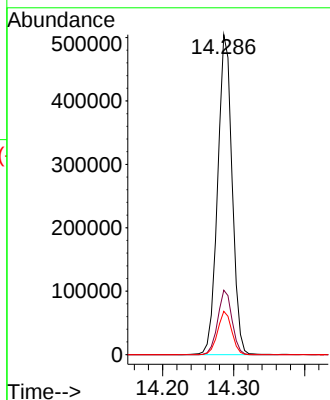
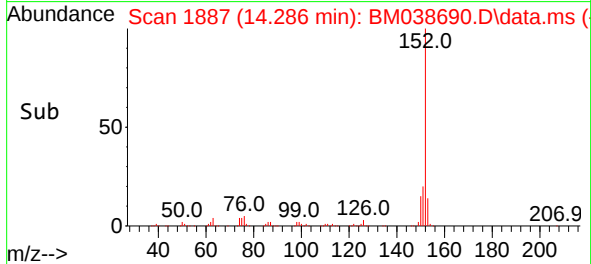
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



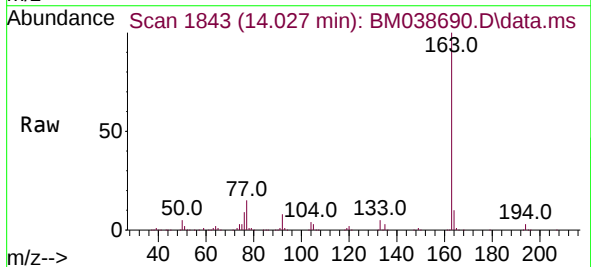
Tgt Ion:152 Resp: 713908  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.5 10.0 15.0

Manual Integrations  
APPROVED

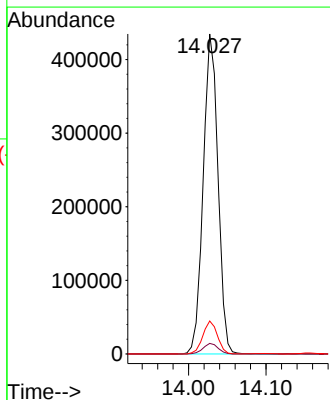
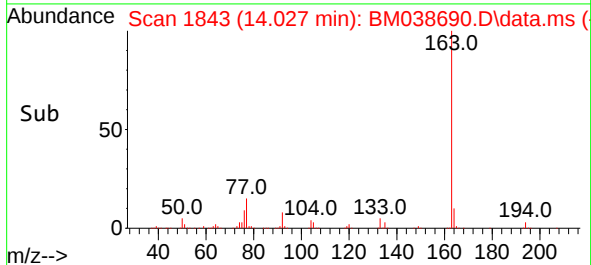
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

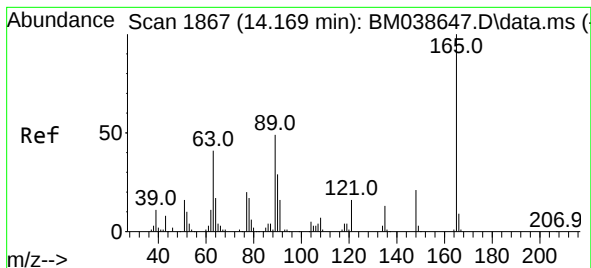


#50  
Dimethylphthalate  
Concen: 45.914 ng  
RT: 14.027 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:163 Resp: 574534  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.6 4.0  
164 10.3 8.2 12.4





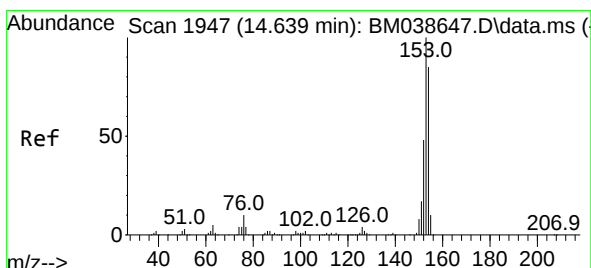
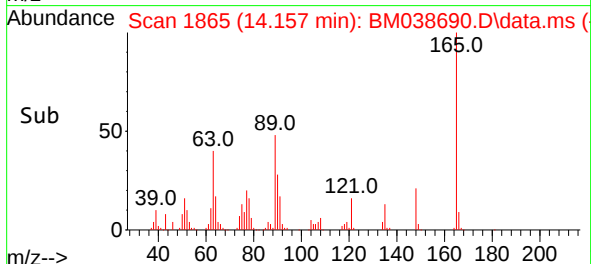
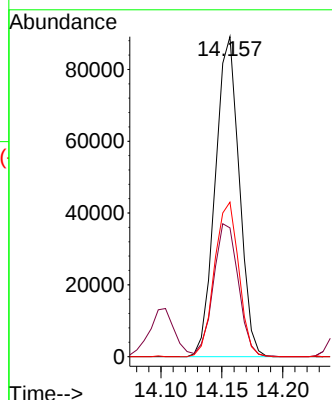
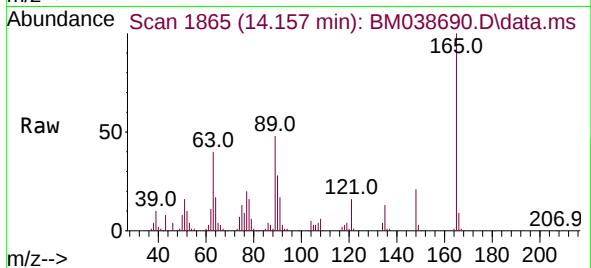
#51  
2,6-Dinitrotoluene  
Concen: 47.844 ng  
RT: 14.157 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS

Tgt Ion:165 Resp: 121683  
Ion Ratio Lower Upper  
165 100  
63 40.2 35.8 53.8  
89 48.3 39.3 58.9

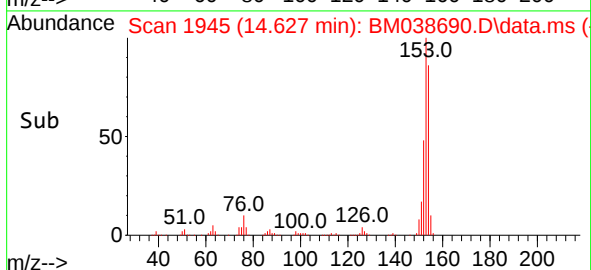
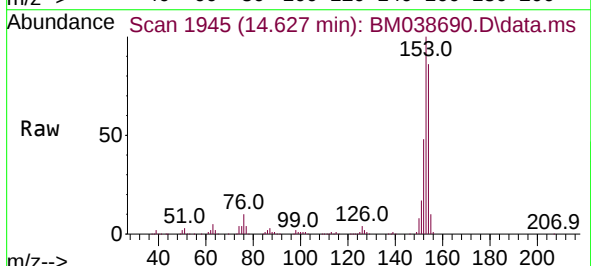
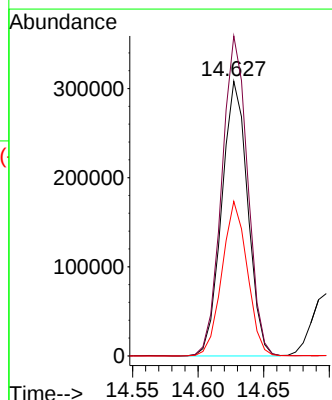
Manual Integrations  
APPROVED

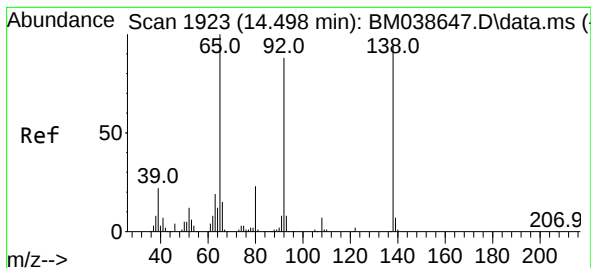
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#52  
Acenaphthene  
Concen: 47.330 ng  
RT: 14.627 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Tgt Ion:154 Resp: 425455  
Ion Ratio Lower Upper  
154 100  
153 116.5 93.7 140.5  
152 56.2 44.6 67.0





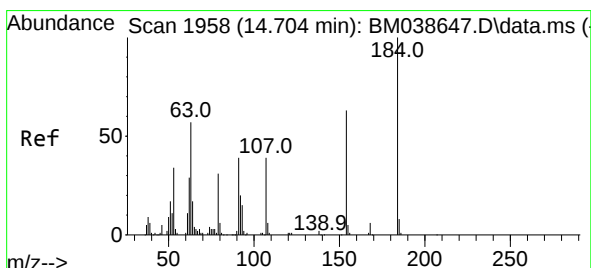
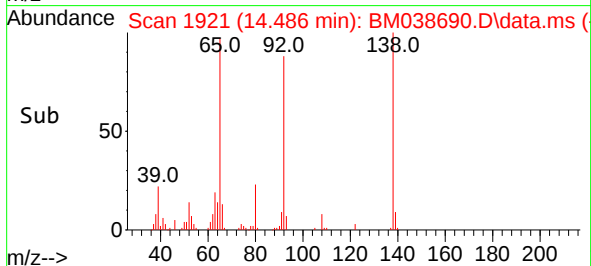
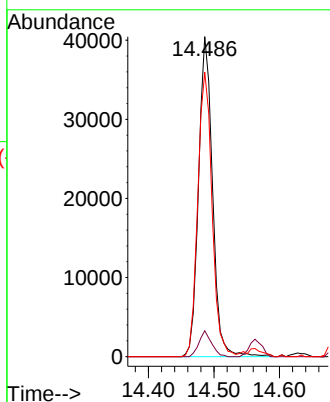
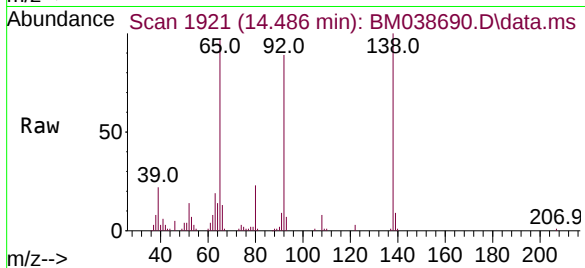
#53  
3-Nitroaniline  
Concen: 23.292 ng  
RT: 14.486 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS

Tgt Ion:138 Resp: 59688  
Ion Ratio Lower Upper  
138 100  
108 8.1 5.8 8.8  
92 88.9 73.9 110.9

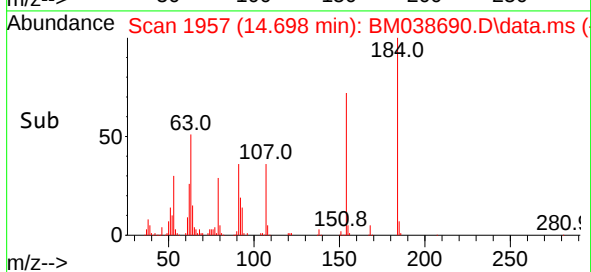
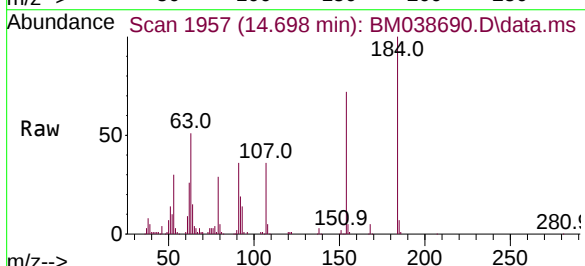
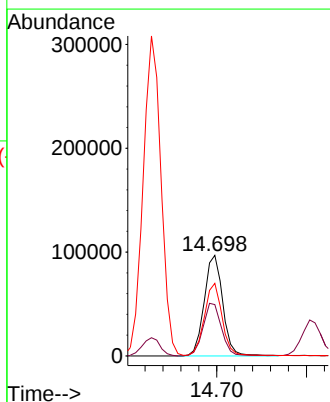
Manual Integrations  
APPROVED

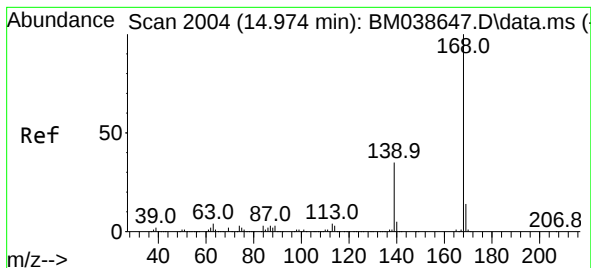
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#54  
2,4-Dinitrophenol  
Concen: 84.035 ng  
RT: 14.698 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

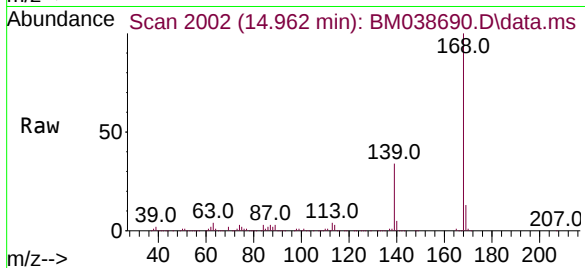
Tgt Ion:184 Resp: 139115  
Ion Ratio Lower Upper  
184 100  
63 51.0 45.9 68.9  
154 72.1 54.9 82.3





#55  
Dibenzenofuran  
Concen: 45.966 ng  
RT: 14.962 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

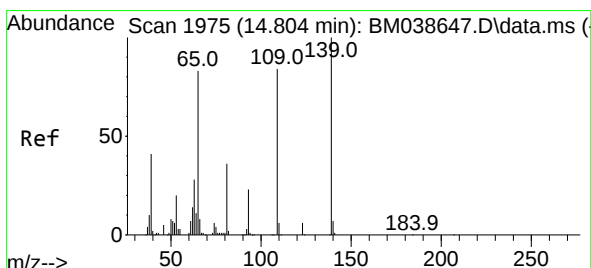
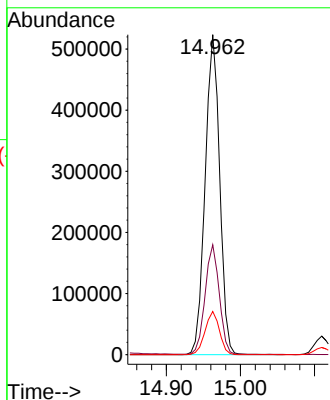
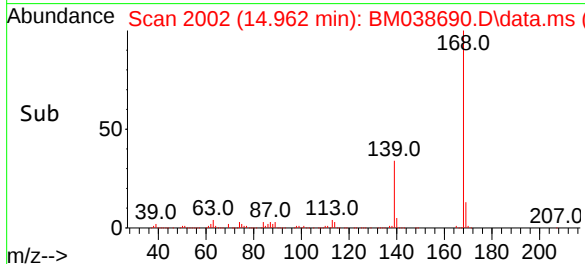
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:168 Resp: 711538  
Ion Ratio Lower Upper  
168 100  
139 34.3 27.8 41.6  
169 13.5 10.9 16.3

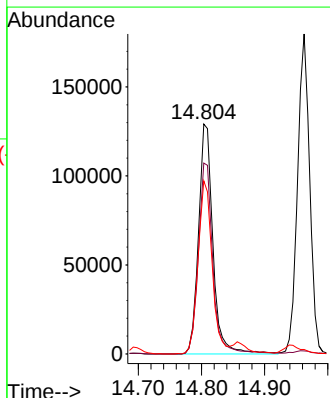
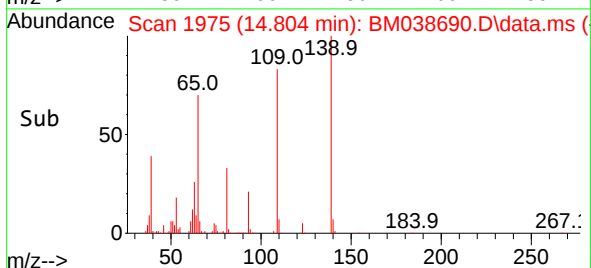
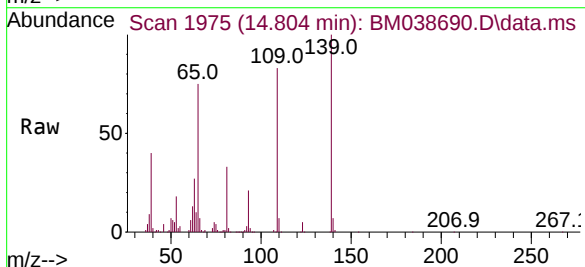
Manual Integrations  
APPROVED

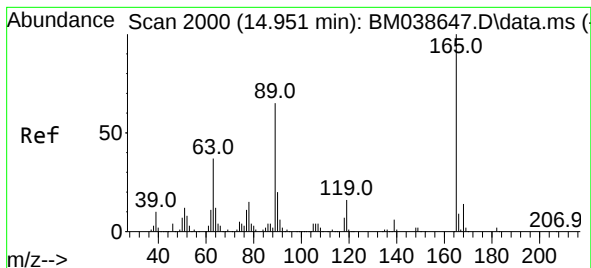
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#56  
4-Nitrophenol  
Concen: 100.162 ng  
RT: 14.804 min Scan# 1975  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

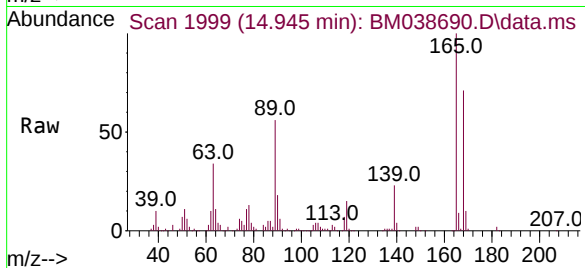
Tgt Ion:139 Resp: 204309  
Ion Ratio Lower Upper  
139 100  
109 83.0 63.8 103.8  
65 75.2 62.5 102.5





#57  
2,4-Dinitrotoluene  
Concen: 45.841 ng  
RT: 14.945 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

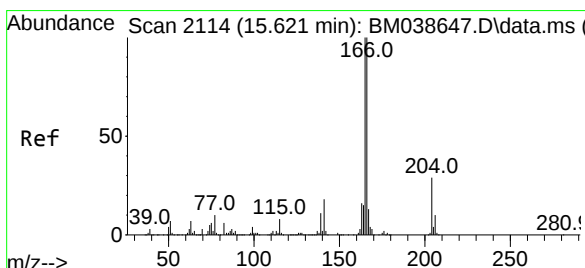
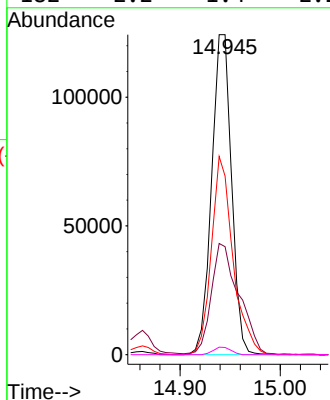
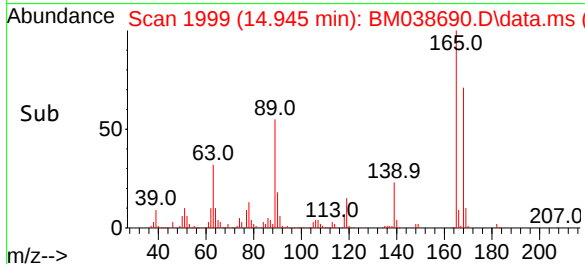
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



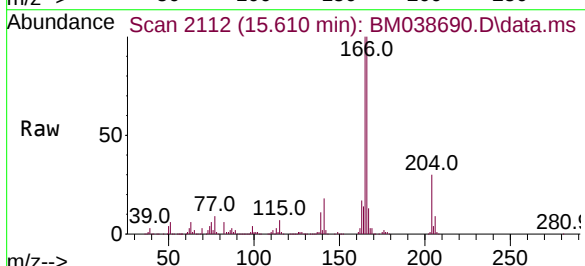
Tgt Ion:165 Resp: 171748  
Ion Ratio Lower Upper  
165 100  
63 33.8 29.4 44.0  
89 55.8 51.8 77.6  
182 2.2 1.4 2.2#

Manual Integrations  
APPROVED

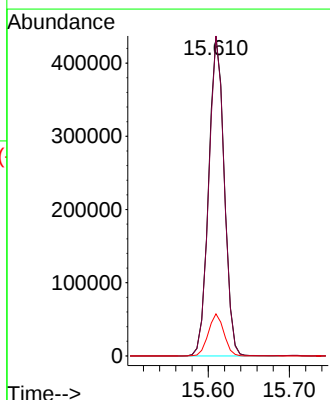
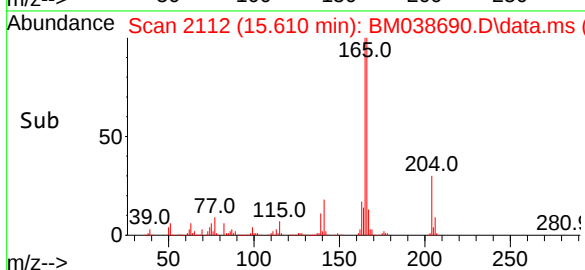
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

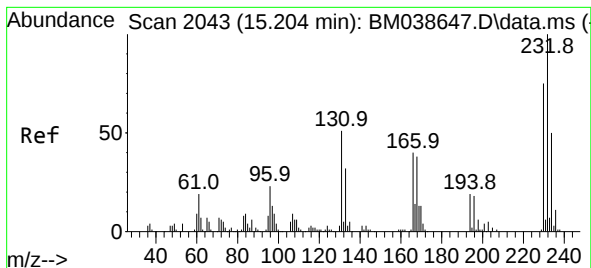


#58  
Fluorene  
Concen: 47.576 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



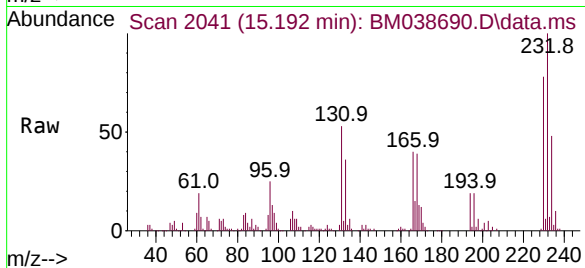
Tgt Ion:166 Resp: 582709  
Ion Ratio Lower Upper  
166 100  
165 100.2 80.2 120.4  
167 13.1 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.482 ng  
RT: 15.192 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

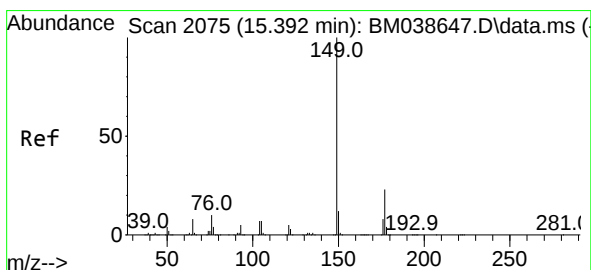
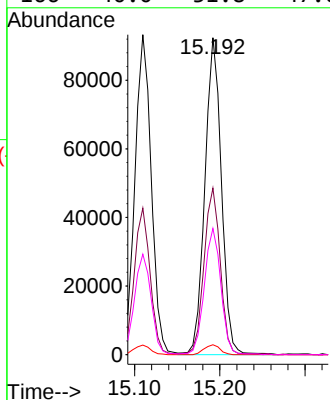
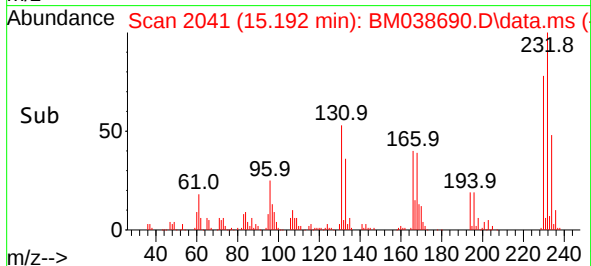
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



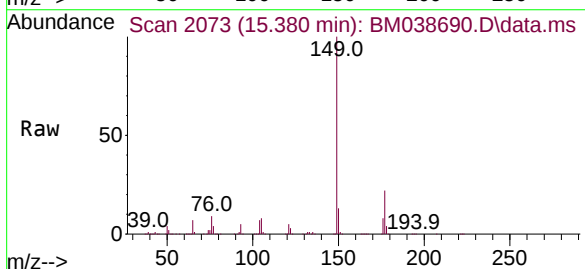
Tgt Ion:232 Resp: 124490  
Ion Ratio Lower Upper  
232 100  
131 51.2 41.2 61.8  
130 3.0 2.4 3.6  
166 40.0 31.8 47.6

Manual Integrations  
APPROVED

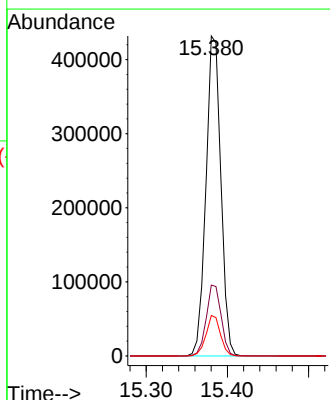
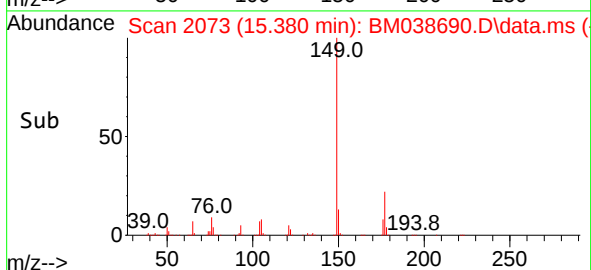
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

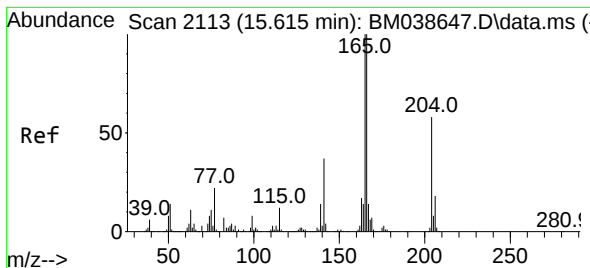


#60  
Diethylphthalate  
Concen: 46.674 ng  
RT: 15.380 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



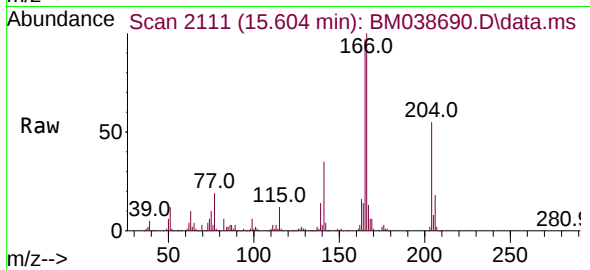
Tgt Ion:149 Resp: 553300  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.1 27.1  
150 12.6 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 46.377 ng  
RT: 15.604 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

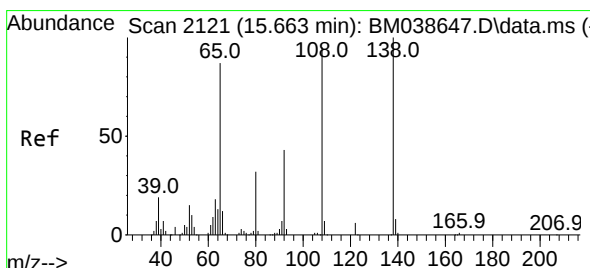
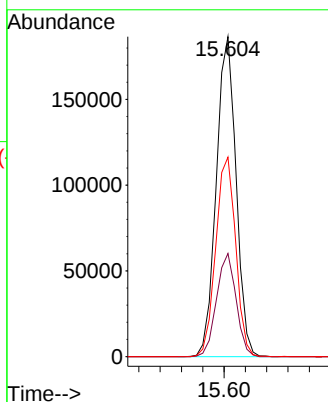
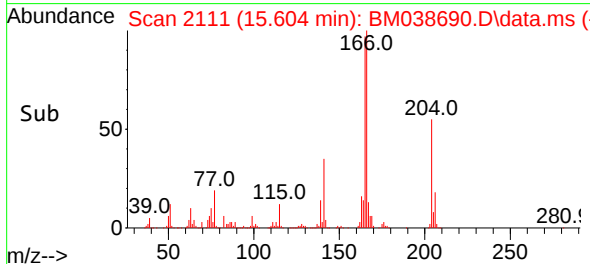
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



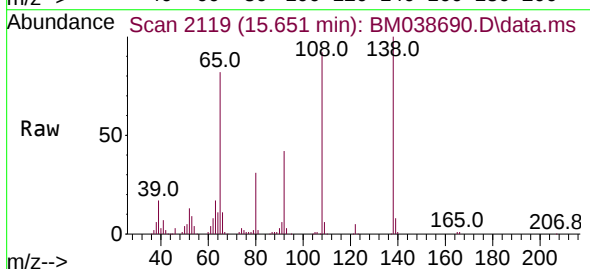
Tgt Ion:204 Resp: 240978  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.3 37.9  
141 62.3 51.3 76.9

Manual Integrations  
APPROVED

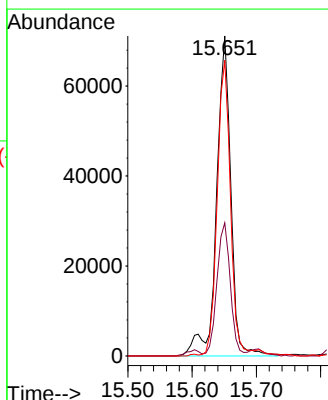
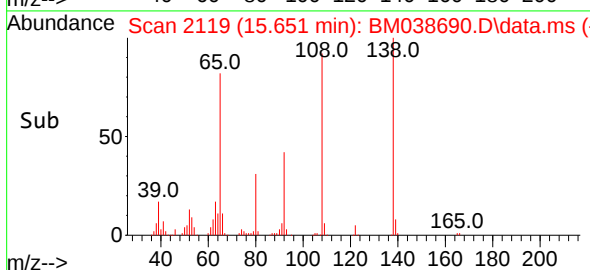
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

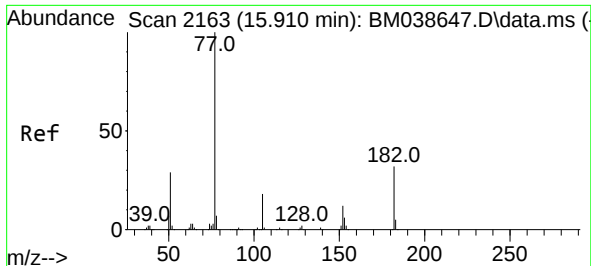


#62  
4-Nitroaniline  
Concen: 40.578 ng m  
RT: 15.651 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



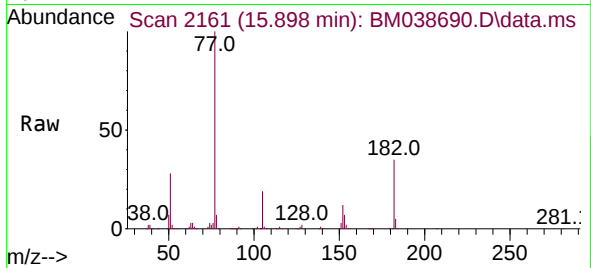
Tgt Ion:138 Resp: 110064  
Ion Ratio Lower Upper  
138 100  
92 41.6 23.4 63.4  
108 92.3 75.1 115.1





#63  
Azobenzene  
Concen: 46.051 ng  
RT: 15.898 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

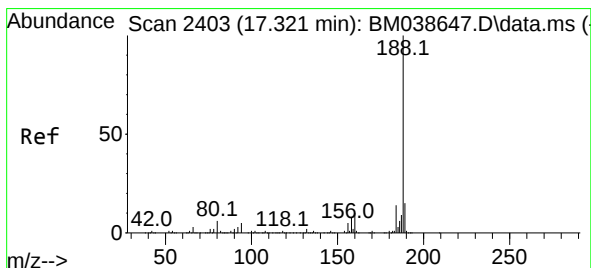
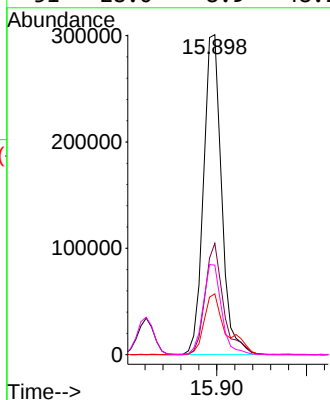
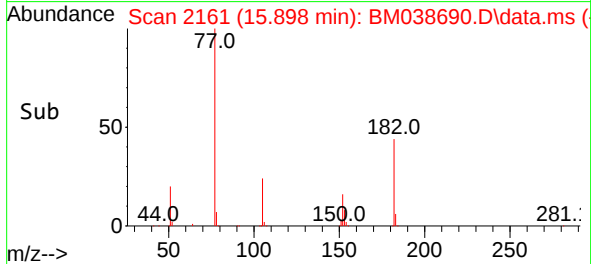
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



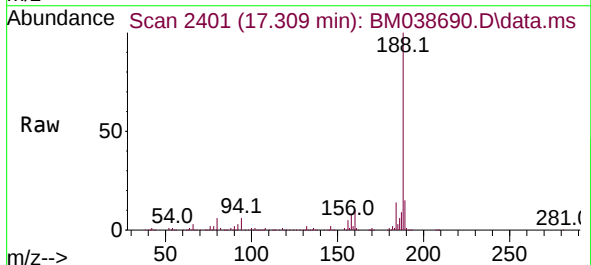
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 42001 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 34.8    | 12.0 52.0   |
| 105 19.0    | 0.0 37.5    |
| 51 28.0     | 8.9 48.9    |

Manual Integrations  
APPROVED

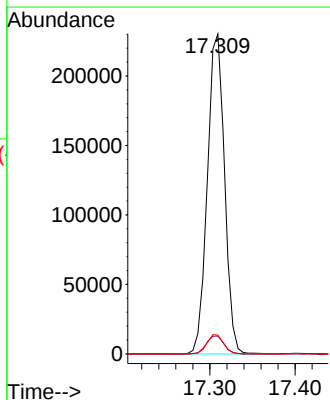
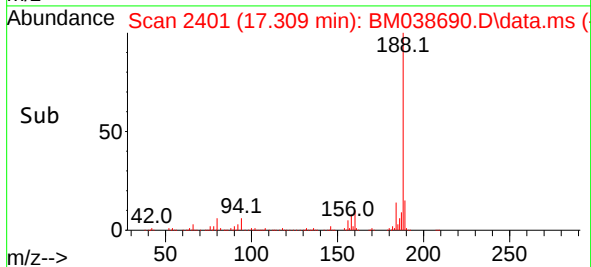
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

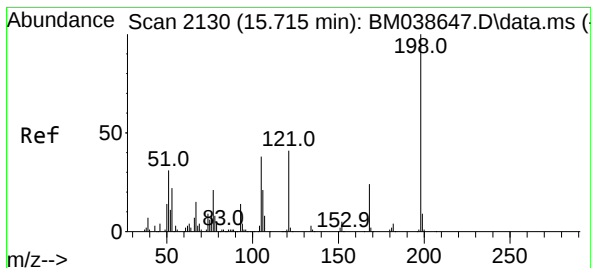


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.309 min Scan# 2401  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



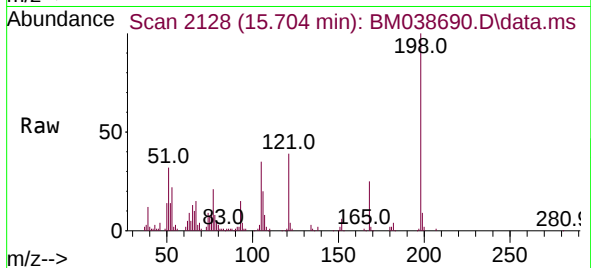
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 322120 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 5.6      | 4.2 6.4      |
| 80 5.9      | 4.6 7.0      |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.336 ng  
RT: 15.704 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

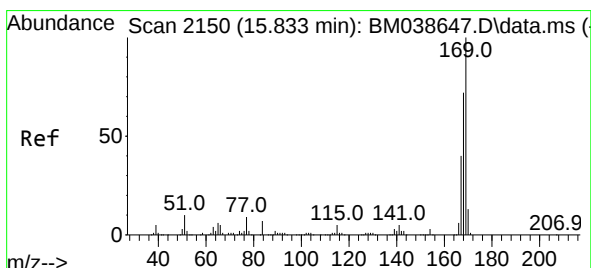
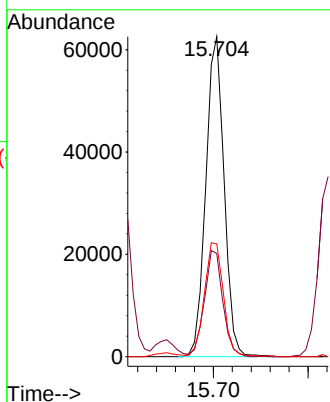
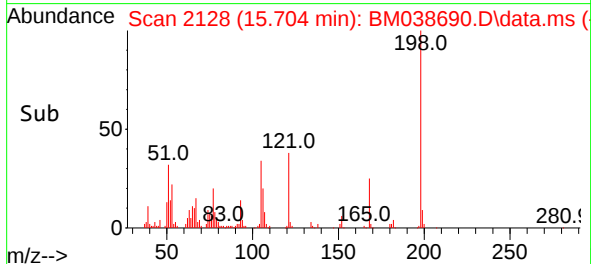
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



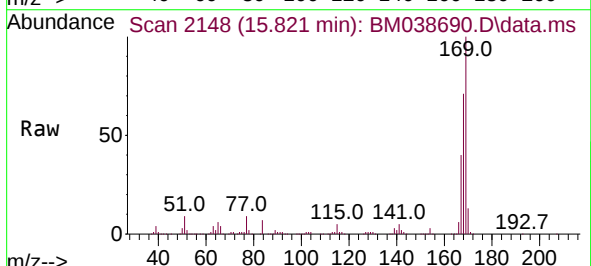
Tgt Ion:198 Resp: 83821  
Ion Ratio Lower Upper  
198 100  
51 32.2 13.0 53.0  
105 35.2 17.9 57.9

Manual Integrations  
APPROVED

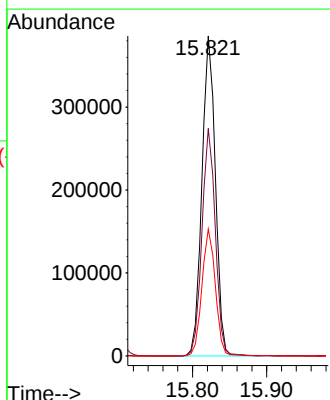
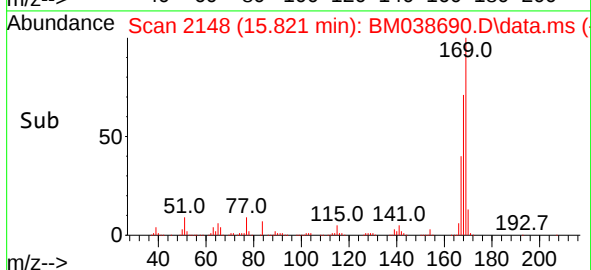
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

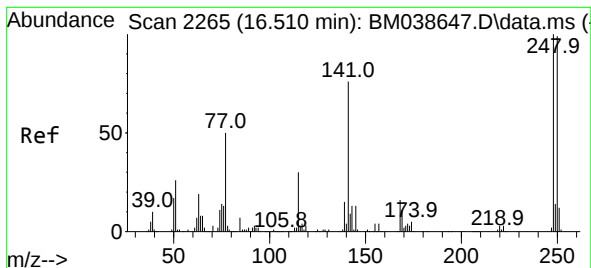


#66  
n-Nitrosodiphenylamine  
Concen: 46.208 ng  
RT: 15.821 min Scan# 2148  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



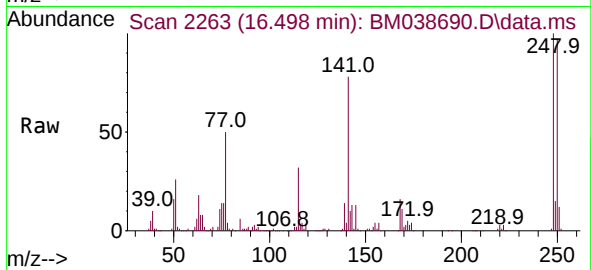
Tgt Ion:169 Resp: 486005  
Ion Ratio Lower Upper  
169 100  
168 71.1 57.6 86.4  
167 39.6 32.3 48.5





#67  
4-Bromophenyl-phenylether  
Concen: 46.127 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

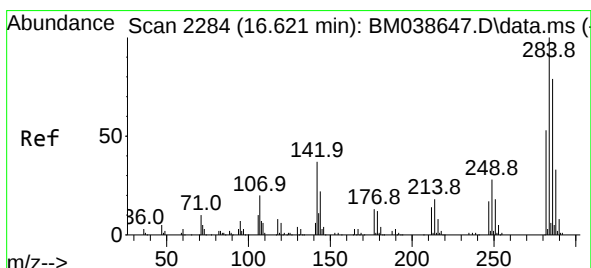
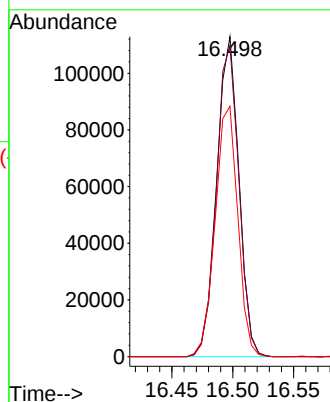
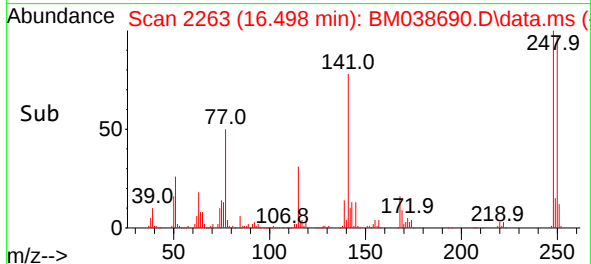
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



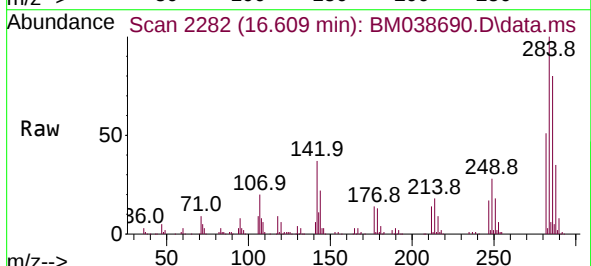
Tgt Ion:248 Resp: 143468  
Ion Ratio Lower Upper  
248 100  
250 97.2 79.4 119.2  
141 78.2 61.0 91.6

Manual Integrations  
APPROVED

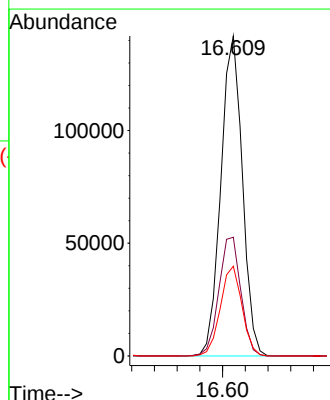
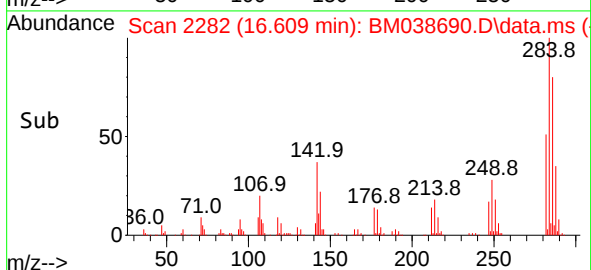
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

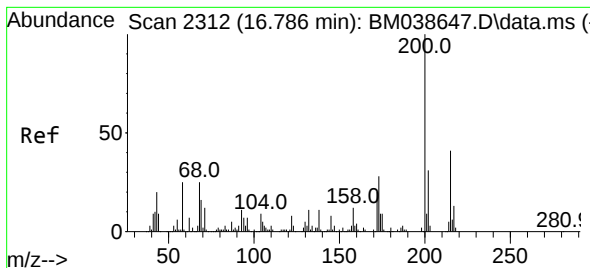


#68  
Hexachlorobenzene  
Concen: 49.004 ng  
RT: 16.609 min Scan# 2282  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:284 Resp: 186274  
Ion Ratio Lower Upper  
284 100  
142 37.1 29.8 44.6  
249 28.1 22.2 33.4





#69

Atrazine

Concen: 50.973 ng

RT: 16.774 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BM038690.D

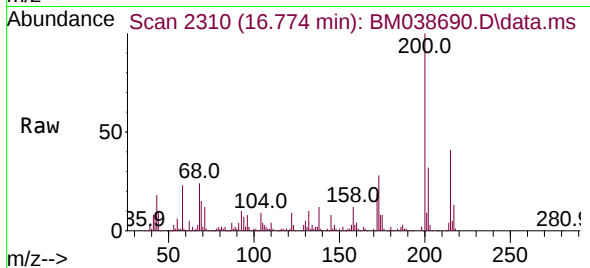
Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS



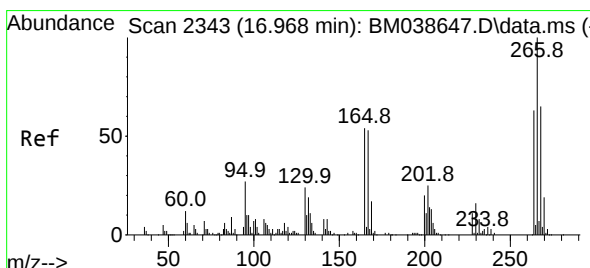
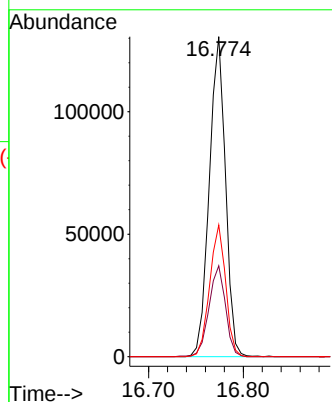
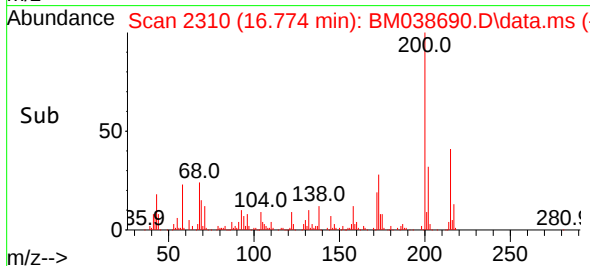
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 155386 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.4  | 7.9   | 47.9   |
| 215       | 41.1  | 20.8  | 60.8   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#70

Pentachlorophenol

Concen: 85.914 ng

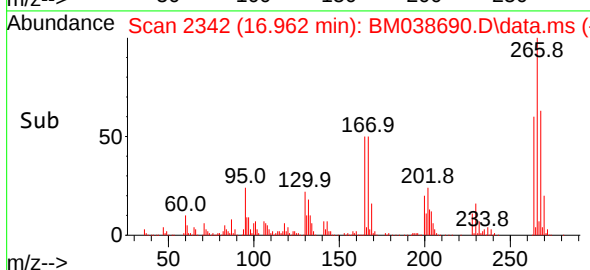
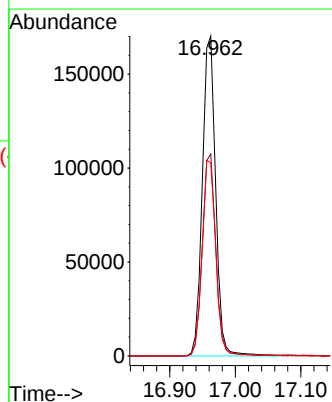
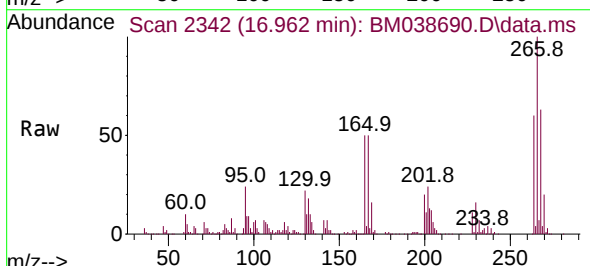
RT: 16.962 min Scan# 2342

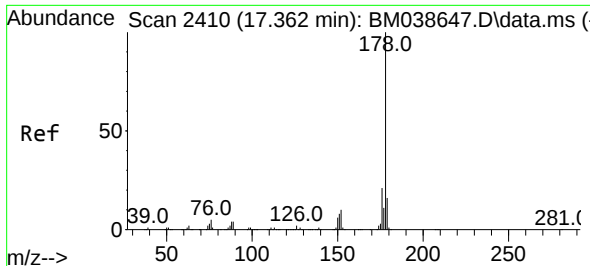
Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

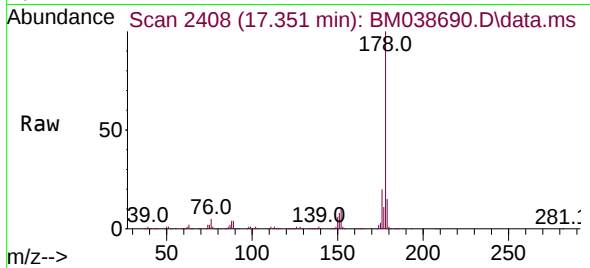
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 238063 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.1  | 51.8  | 77.6   |
| 264       | 60.3  | 50.6  | 76.0   |





#71  
Phenanthrene  
Concen: 47.001 ng  
RT: 17.351 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

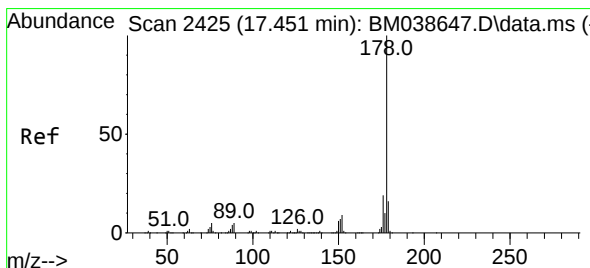
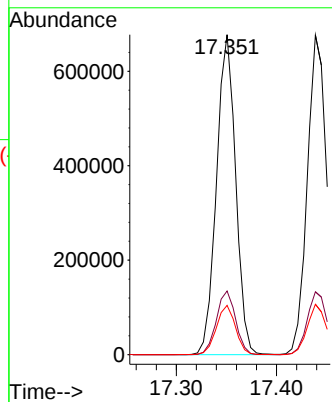
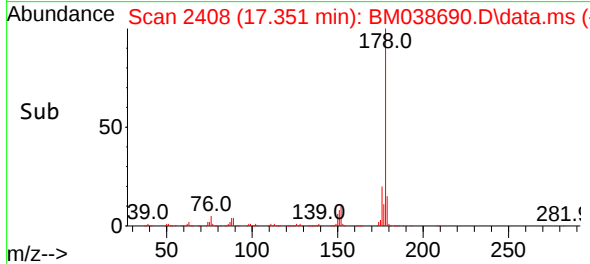
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:178 Resp: 898961  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.7 25.1  
179 15.4 12.5 18.7

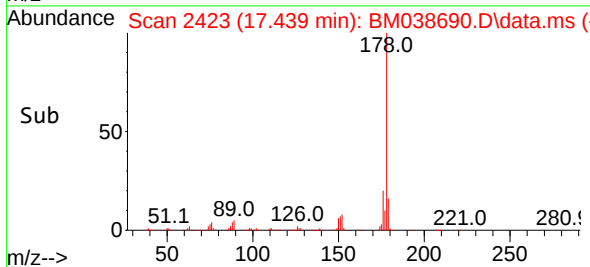
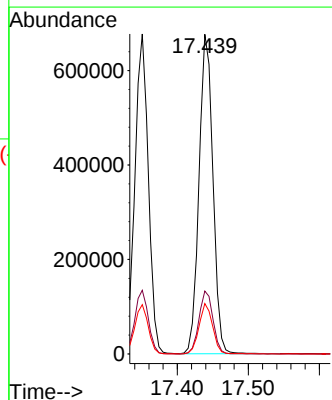
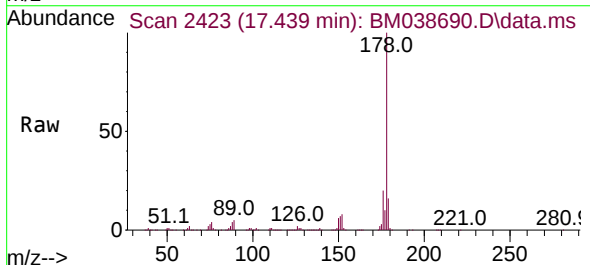
Manual Integrations  
APPROVED

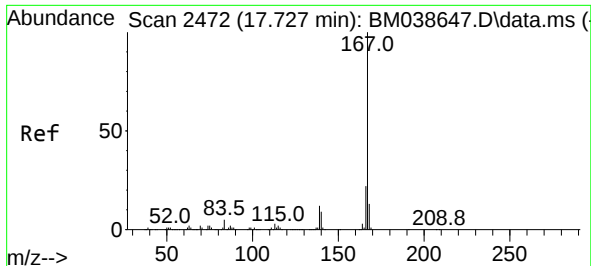
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#72  
Anthracene  
Concen: 46.837 ng  
RT: 17.439 min Scan# 2423  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

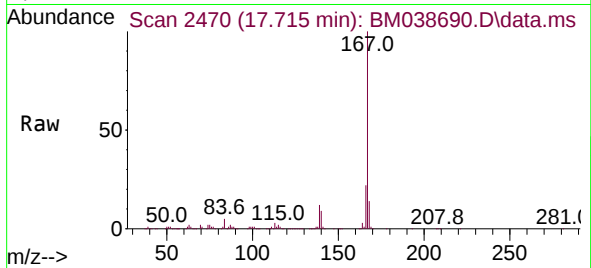
Tgt Ion:178 Resp: 916444  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.7 12.4 18.6





#73  
Carbazole  
Concen: 47.824 ng  
RT: 17.715 min Scan# 2472  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

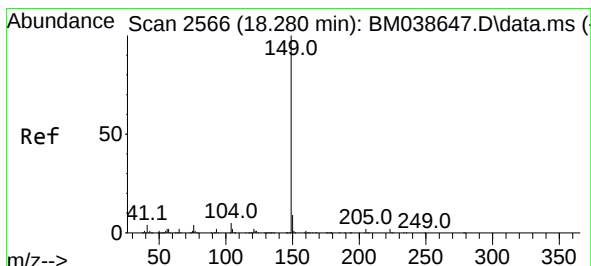
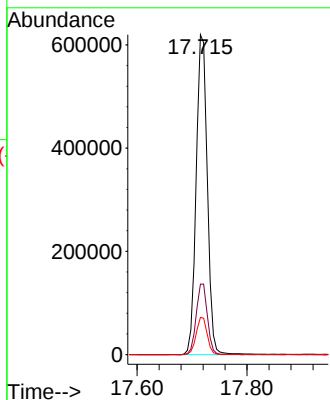
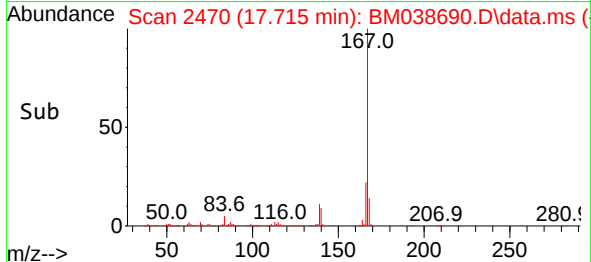
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:167 Resp: 872714  
Ion Ratio Lower Upper  
167 100  
166 22.0 17.8 26.6  
139 11.6 9.4 14.2

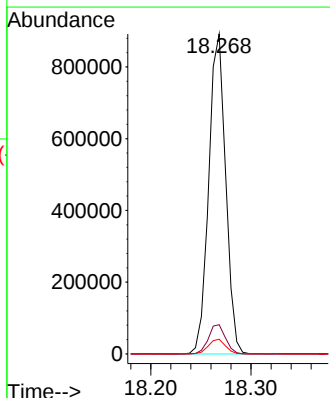
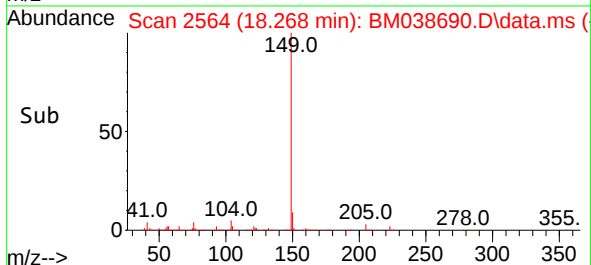
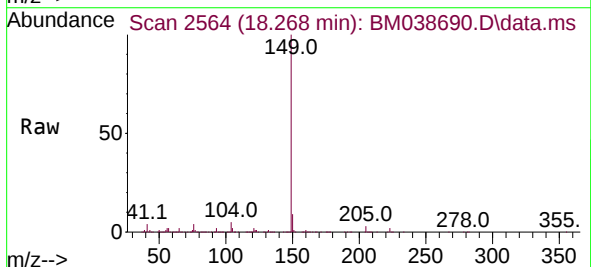
Manual Integrations  
APPROVED

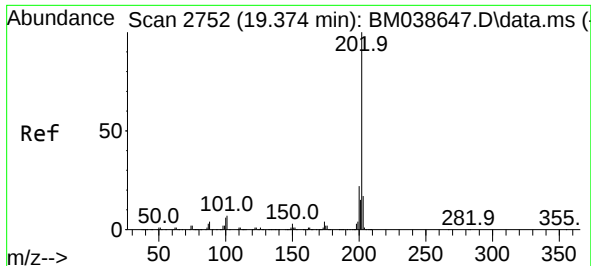
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#74  
Di-n-butylphthalate  
Concen: 50.630 ng  
RT: 18.268 min Scan# 2564  
Delta R.T. -0.000 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

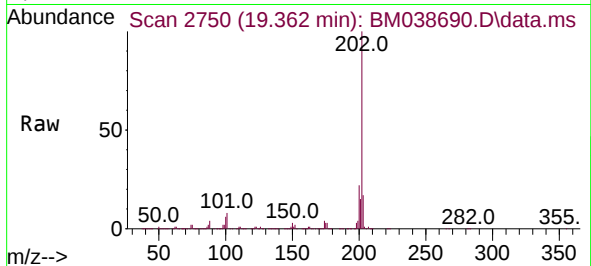
Tgt Ion:149 Resp: 1043838  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 4.6 3.8 5.6





#75  
Fluoranthene  
Concen: 47.972 ng  
RT: 19.362 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

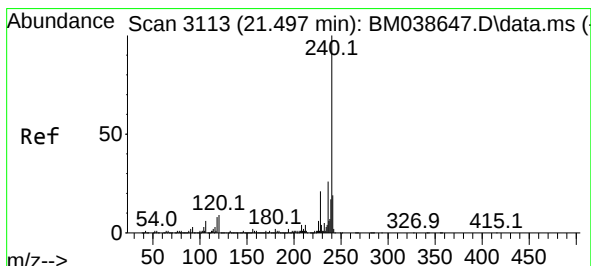
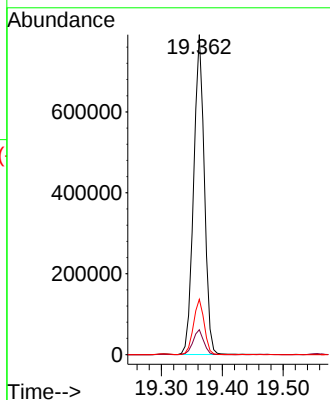
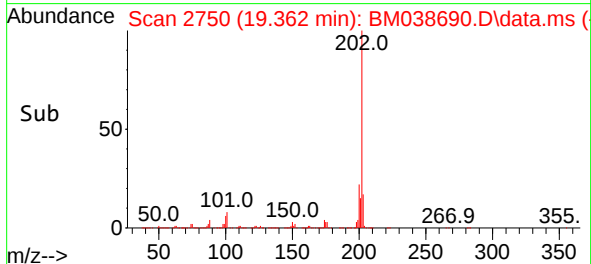
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



Tgt Ion:202 Resp: 963373  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 27.4  
203 17.3 0.0 37.3

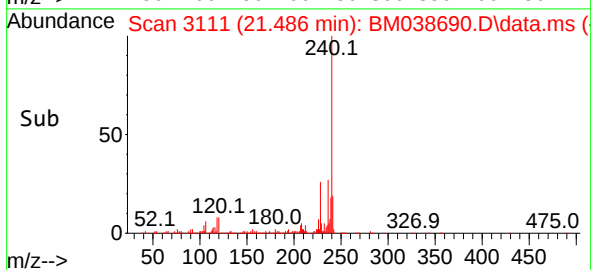
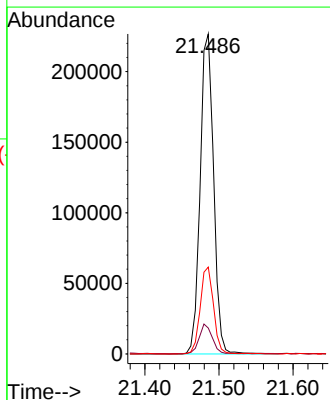
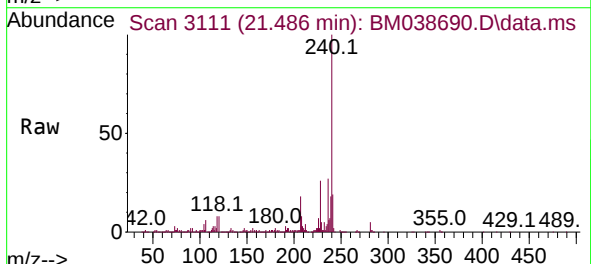
Manual Integrations  
APPROVED

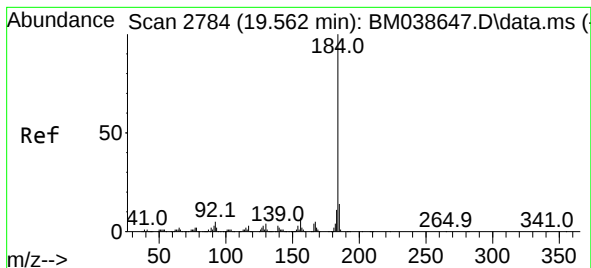
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.486 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

Tgt Ion:240 Resp: 285551  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.0 10.4  
236 27.1 20.9 31.3





#77

Benzidine

Concen: 54.755 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS

Tgt Ion:184 Resp: 473768

Ion Ratio Lower Upper

184 100

185 14.4 10.8 16.2

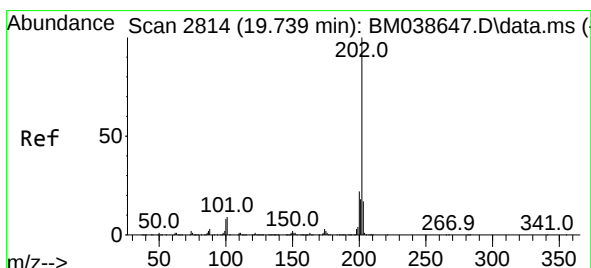
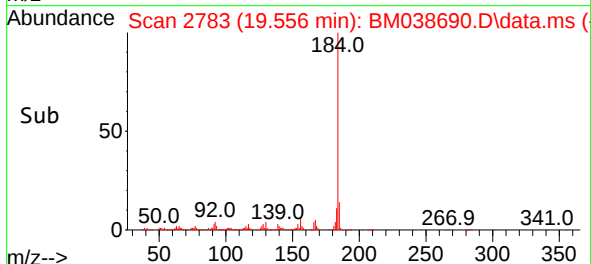
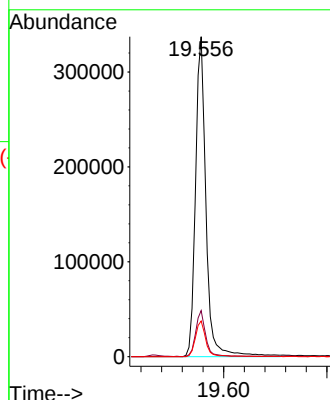
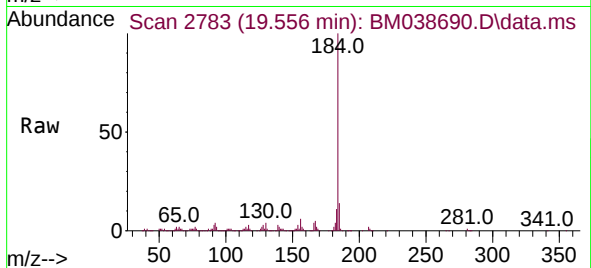
183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#78

Pyrene

Concen: 46.611 ng

RT: 19.727 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

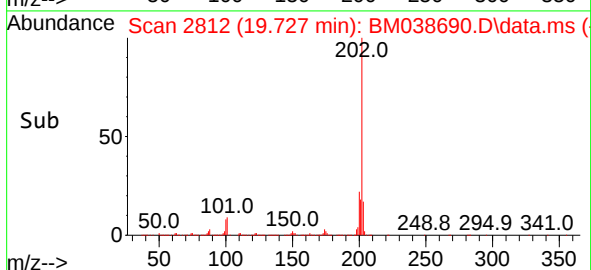
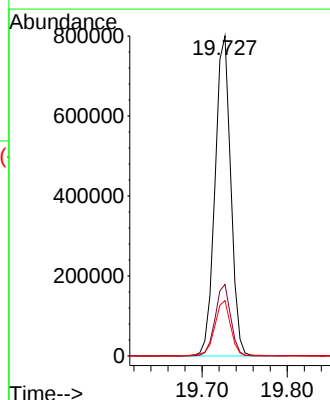
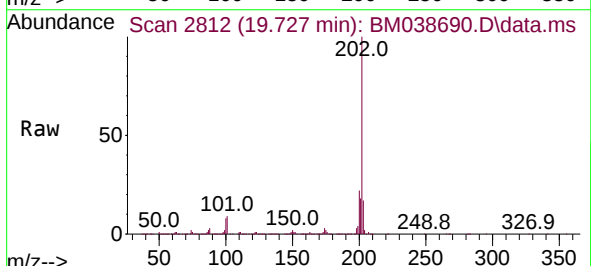
Tgt Ion:202 Resp: 1024731

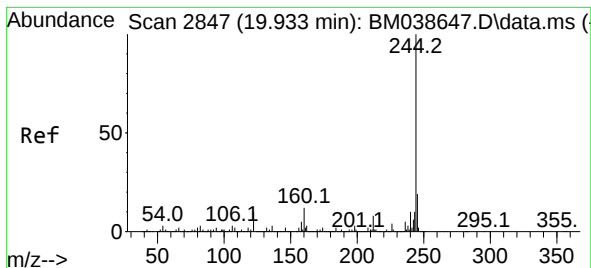
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 60.467 ng

RT: 19.921 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM038690.D

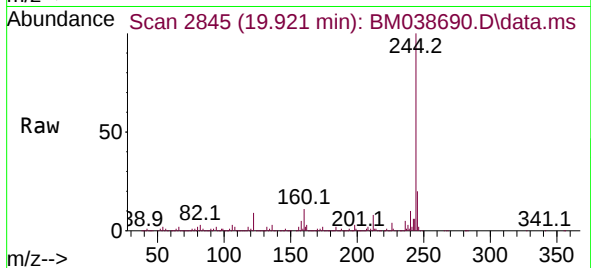
Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS



Tgt Ion:244 Resp: 978448

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

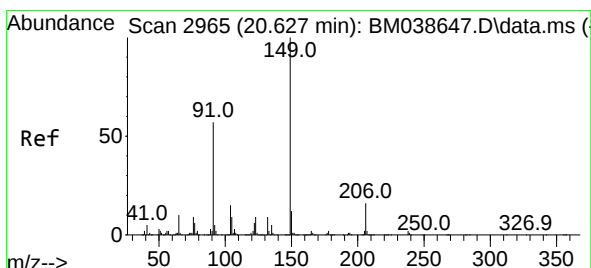
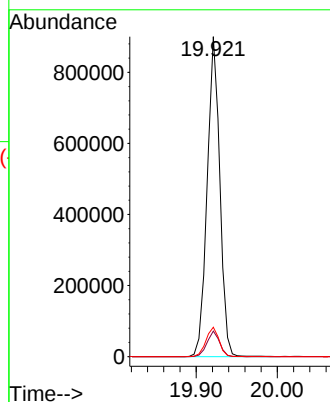
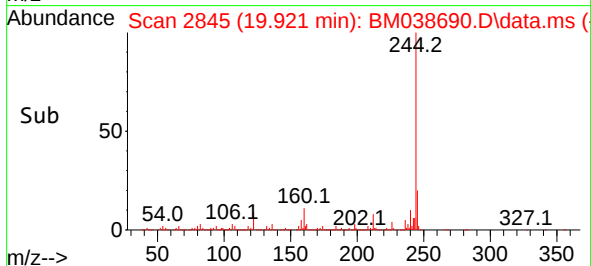
122 9.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#80

Butylbenzylphthalate

Concen: 47.311 ng

RT: 20.615 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

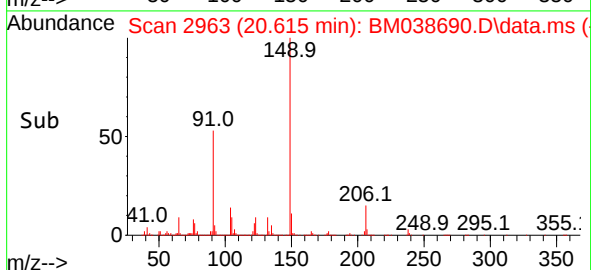
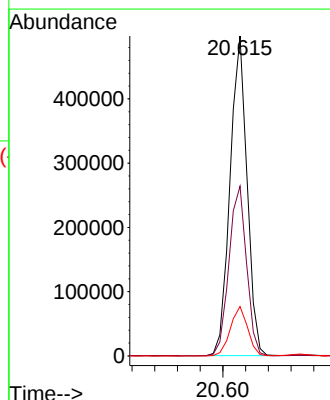
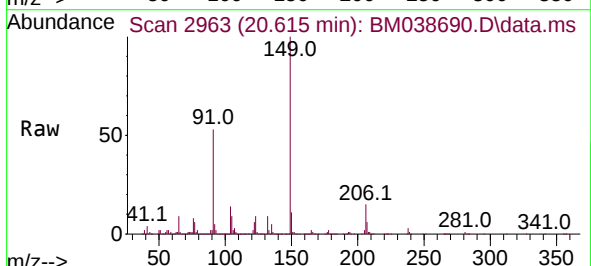
Tgt Ion:149 Resp: 517484

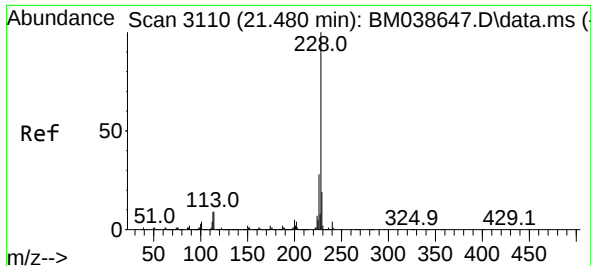
Ion Ratio Lower Upper

149 100

91 53.0 45.6 68.4

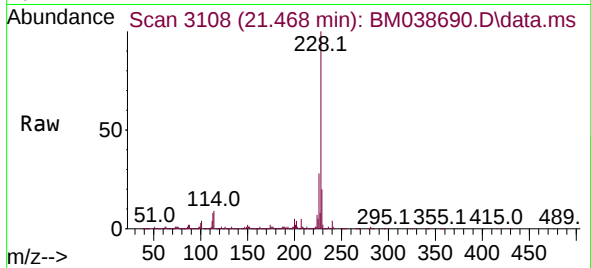
206 15.4 12.5 18.7





#81  
Benzo(a)anthracene  
Concen: 47.596 ng  
RT: 21.468 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

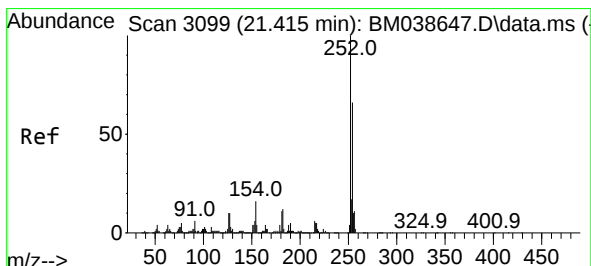
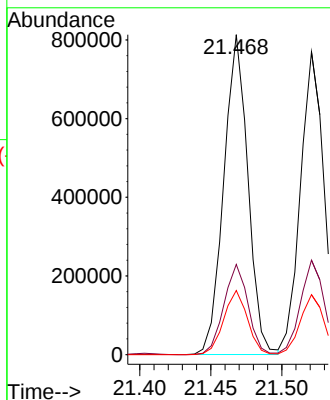
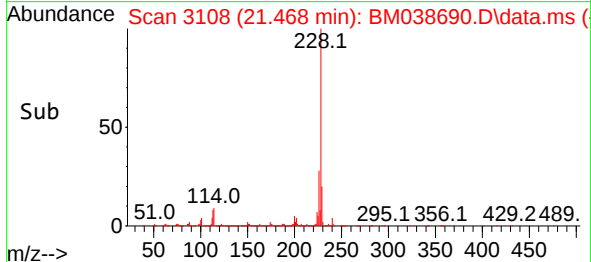
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



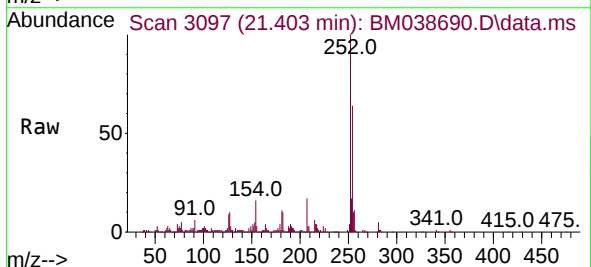
Tgt Ion:228 Resp: 961398  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.2 33.4  
229 20.1 15.5 23.3

Manual Integrations  
APPROVED

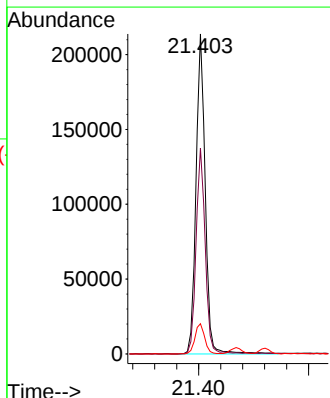
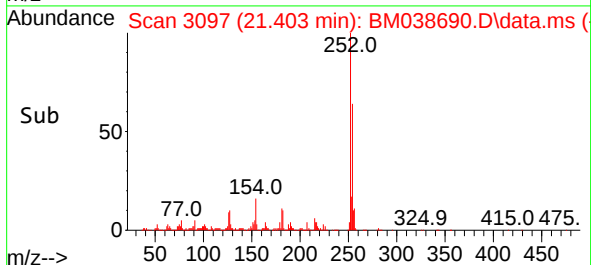
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

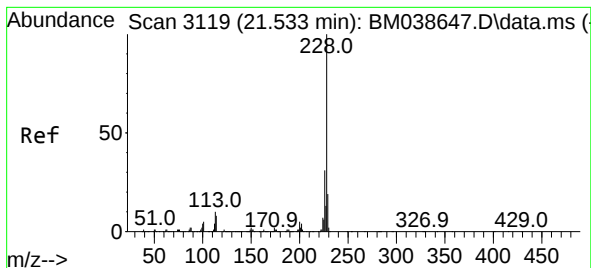


#82  
3,3'-Dichlorobenzidine  
Concen: 35.794 ng  
RT: 21.403 min Scan# 3097  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:252 Resp: 248738  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.8 79.2  
126 9.4 8.2 12.2





#83

Chrysene

Concen: 45.702 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

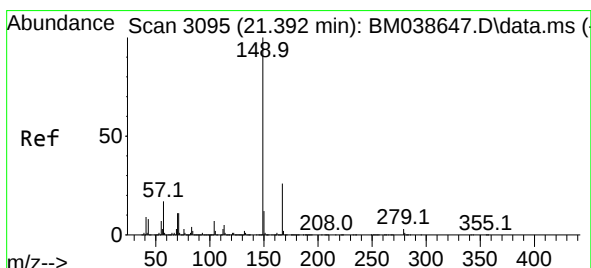
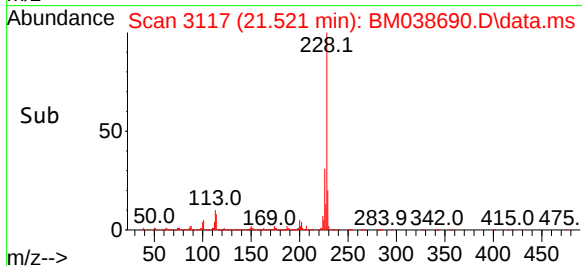
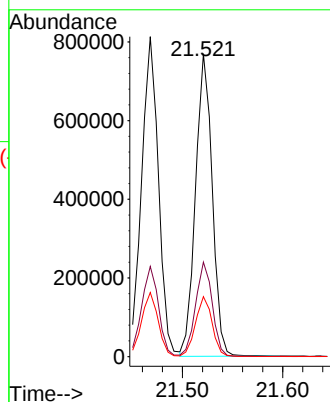
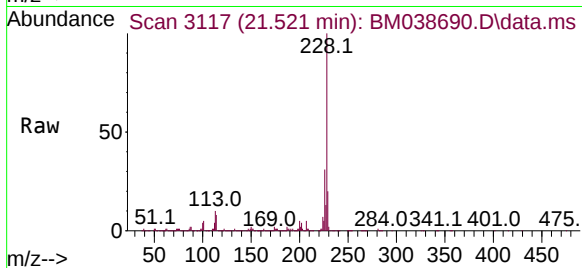
SASP2-123-2(20-30)MS

Tgt Ion:228 Resp: 889440  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 24.7 37.1  
 229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023  
 Supervised By :Jagrut Upadhyay 02/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.433 ng

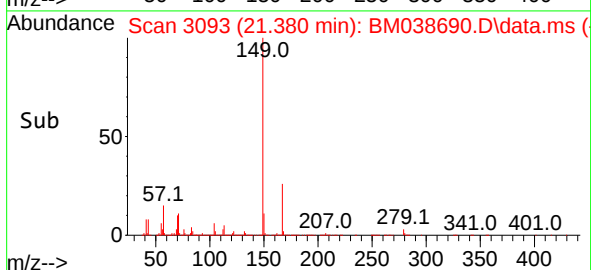
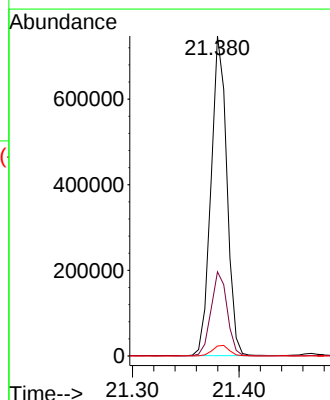
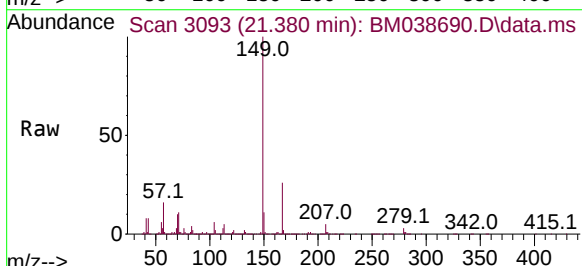
RT: 21.380 min Scan# 3093

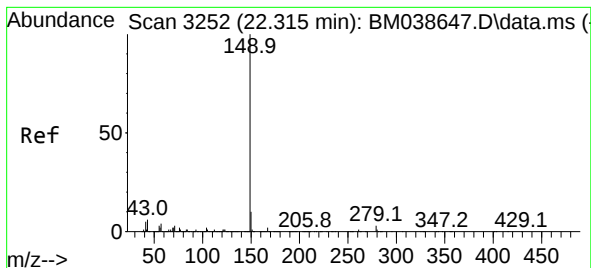
Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:149 Resp: 771551  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 20.8 31.2  
 279 3.1 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 53.044 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS

Tgt Ion:149 Resp: 1372659

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

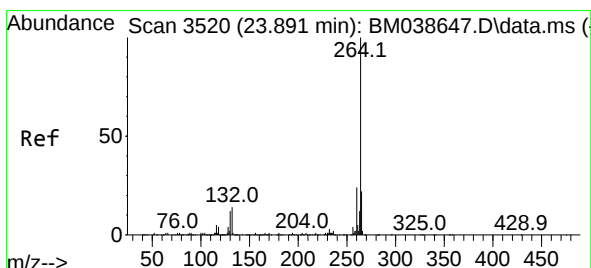
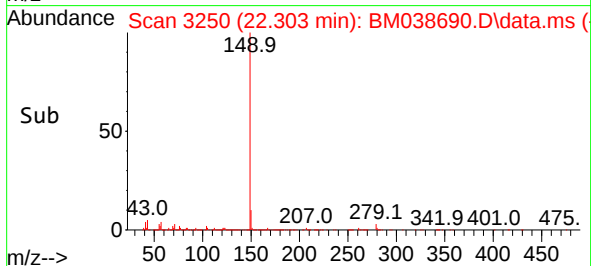
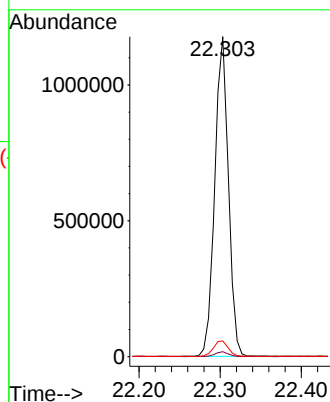
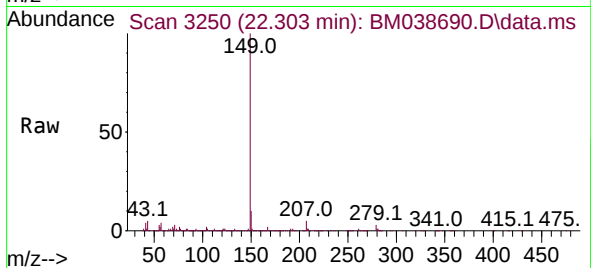
43 5.3 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

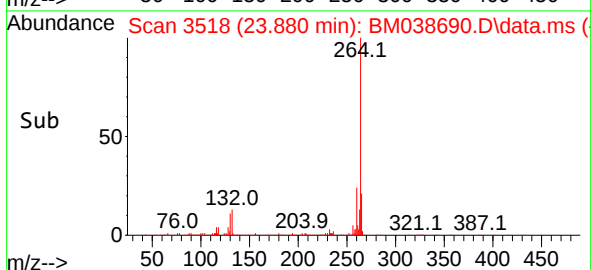
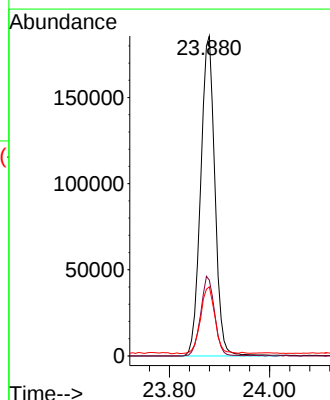
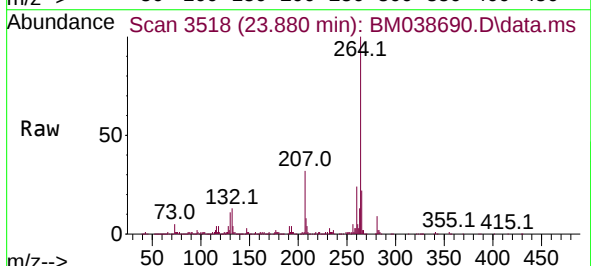
Tgt Ion:264 Resp: 365243

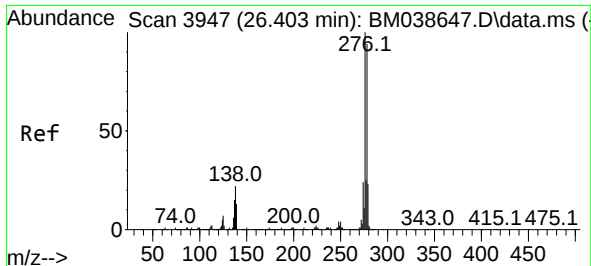
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

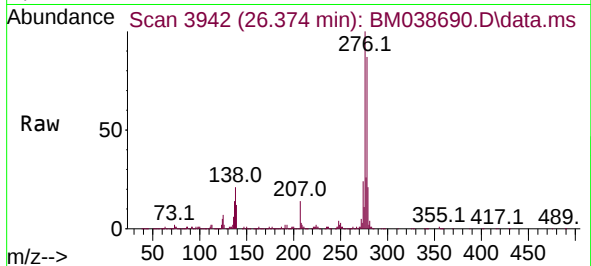
265 21.6 17.9 26.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.927 ng  
RT: 26.374 min Scan# 3947  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

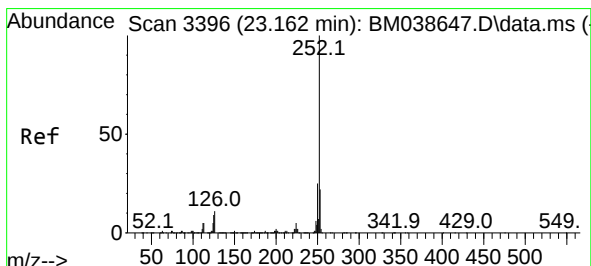
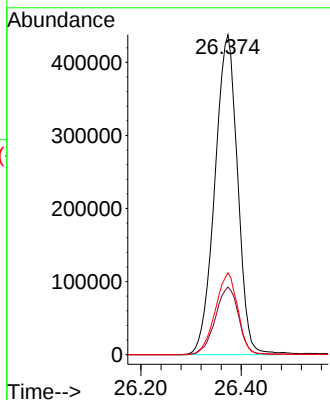
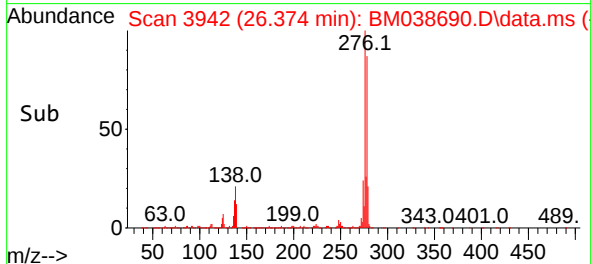
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



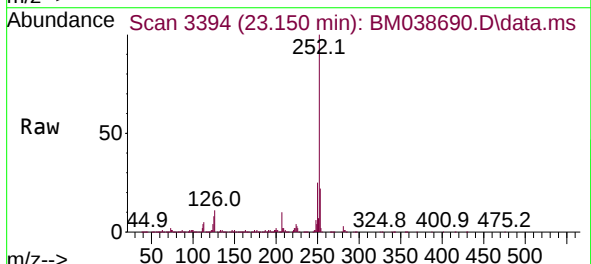
Tgt Ion:276 Resp: 1378809  
Ion Ratio Lower Upper  
276 100  
138 21.6 17.2 25.8  
277 25.3 20.2 30.4

Manual Integrations  
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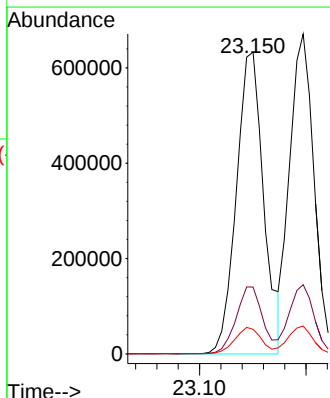
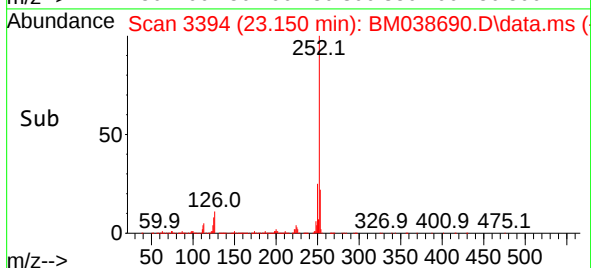
Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023

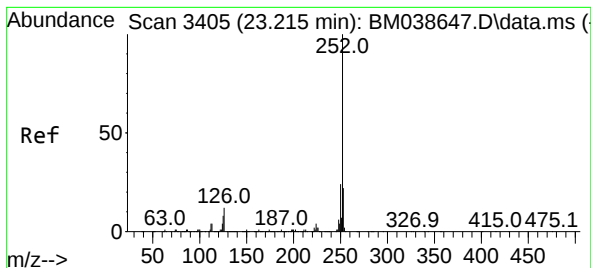


#88  
Benzo(b)fluoranthene  
Concen: 51.534 ng  
RT: 23.150 min Scan# 3394  
Delta R.T. -0.006 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:252 Resp: 1127380  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.008 ng

RT: 23.197 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM038690.D

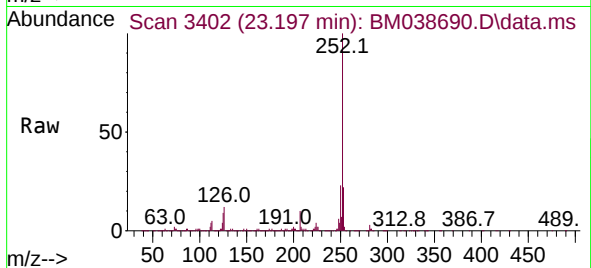
Acq: 03 Feb 2023 21:49

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(20-30)MS



Tgt Ion:252 Resp: 1066503

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

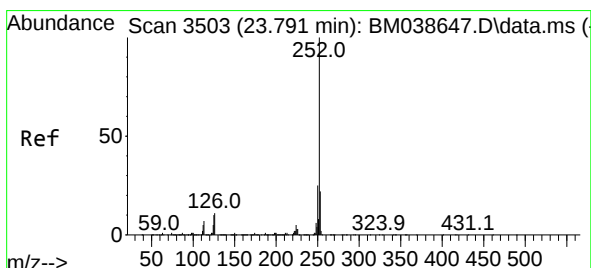
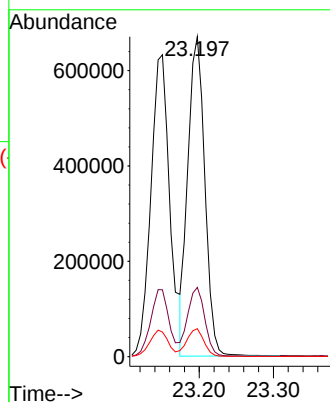
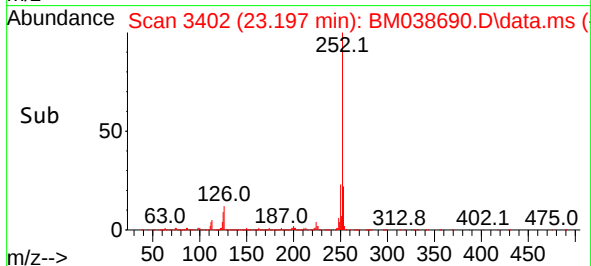
125 8.7 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 44.966 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

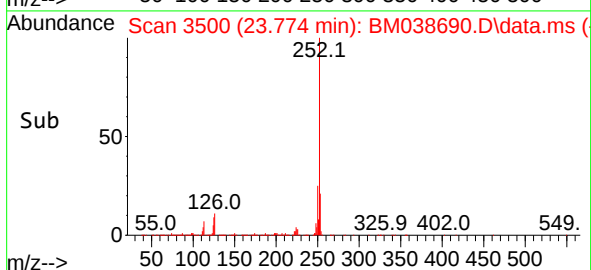
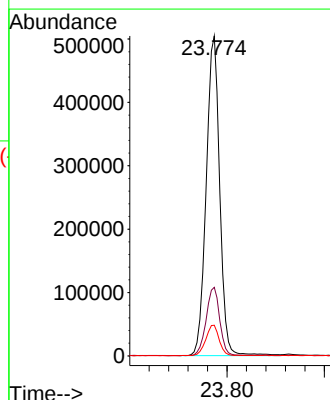
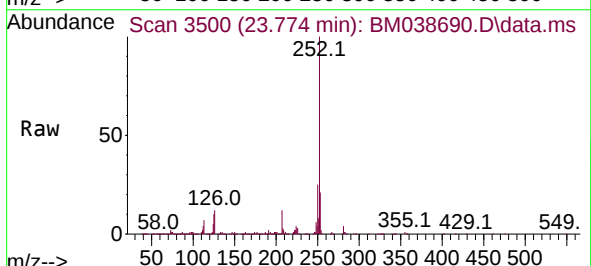
Tgt Ion:252 Resp: 972793

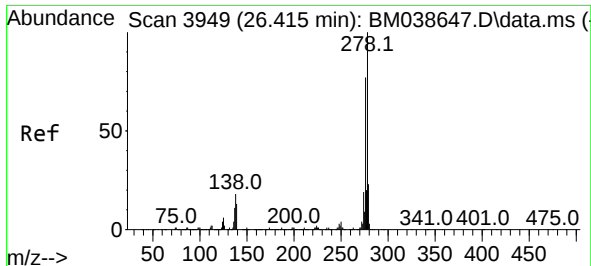
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

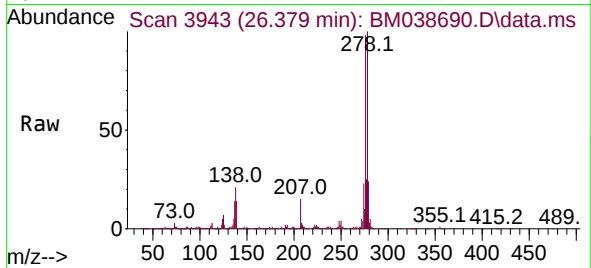
125 9.6 7.8 11.8





#91  
Dibenzo(a,h)anthracene  
Concen: 47.969 ng  
RT: 26.379 min Scan# 3949  
Delta R.T. -0.018 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49

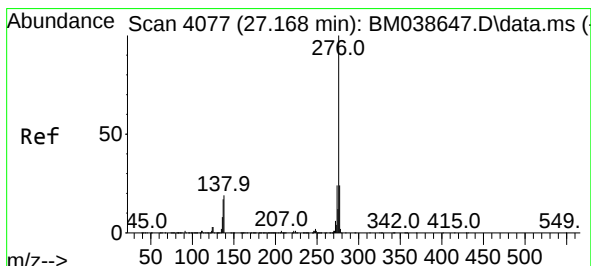
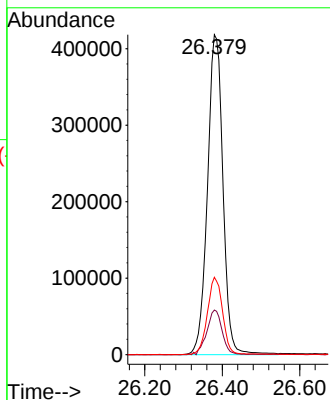
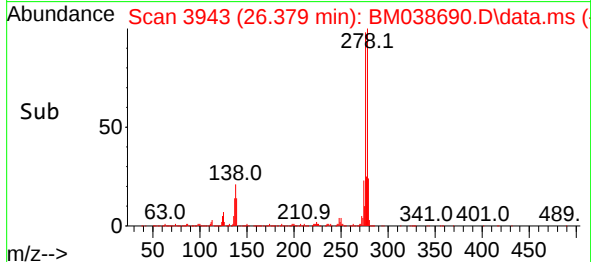
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(20-30)MS



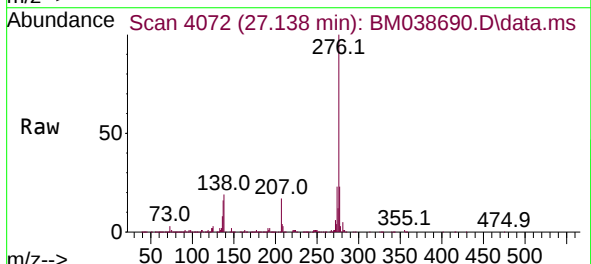
Tgt Ion:278 Resp: 116104  
Ion Ratio Lower Upper  
278 100  
139 13.9 10.5 15.7  
279 24.2 18.7 28.1

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/06/2023  
Supervised By :Jagrut Upadhyay 02/06/2023



#92  
Benzo(g,h,i)perylene  
Concen: 46.025 ng  
RT: 27.138 min Scan# 4072  
Delta R.T. -0.012 min  
Lab File: BM038690.D  
Acq: 03 Feb 2023 21:49



Tgt Ion:276 Resp: 1126067  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.1 28.7  
138 19.0 15.3 22.9

