

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110123\  
 Data File : BM042541.D  
 Acq On : 01 Nov 2023 16:00  
 Operator : MA/JU  
 Sample : 05138-03MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 348MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023  
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:42:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 57777    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.739 | 136  | 225501   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.569 | 164  | 139824   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.321 | 188  | 311461   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.503 | 240  | 332042   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.921 | 264  | 380515   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 513526   | 143.443 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 627252   | 127.754 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.122  | 82   | 489107   | 101.110 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.068 | 330  | 322327   | 176.567 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.192 | 172  | 1017073  | 97.878  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.939 | 244  | 2035814  | 103.961 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 69620    | 40.806  | ng    | # 57     |
| 3) Pyridine                   | 3.752  | 79   | 152909   | 31.242  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.669  | 42   | 120085   | 50.985  | ng    | 87       |
| 6) Aniline                    | 7.263  | 93   | 177401   | 28.425  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 182459   | 47.266  | ng    | 99       |
| 9) Benzaldehyde               | 7.087  | 77   | 46272    | 16.352  | ng    | 96       |
| 10) Phenol                    | 7.116  | 94   | 218294   | 43.777  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.363  | 93   | 188463   | 44.675  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.798  | 146  | 202868   | 48.626  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 207914   | 49.242  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 200934   | 49.291  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.187  | 79   | 185558   | 53.383  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.451  | 45   | 292292   | 43.540  | ng    | 98       |
| 17) 2-Methylphenol            | 8.375  | 107  | 156931   | 44.447  | ng    | 96       |
| 18) Hexachloroethane          | 8.981  | 117  | 82757    | 50.093  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.739  | 70   | 161676   | 46.549  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 206857   | 43.821  | ng    | 96       |
| 22) Acetophenone              | 8.775  | 105  | 287976   | 50.635  | ng    | # 98     |
| 24) Nitrobenzene              | 9.163  | 77   | 243242   | 51.052  | ng    | 99       |
| 25) Isophorone                | 9.675  | 82   | 432510   | 50.515  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.863  | 139  | 97703    | 48.206  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 145798   | 44.512  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.163 | 93   | 249762   | 48.420  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.386 | 162  | 179927   | 55.516  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 190212   | 53.553  | ng    | 99       |
| 31) Naphthalene               | 10.792 | 128  | 570141   | 48.937  | ng    | 100      |
| 32) Benzoic acid              | 10.045 | 122  | 84729m   | 33.192  | ng    |          |
| 33) 4-Chloroaniline           | 10.933 | 127  | 61505    | 13.539  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.016 | 225  | 120655   | 55.950  | ng    | 98       |
| 35) Caprolactam               | 11.775 | 113  | 54011    | 47.432  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.039 | 107  | 196038   | 53.150  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.398 | 142  | 383296   | 46.714  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.616 | 142  | 372584   | 48.243  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.745 | 216  | 219483   | 52.543  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.692 | 237  | 226638   | 89.703  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.004 | 196  | 150550   | 56.270  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110123\  
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

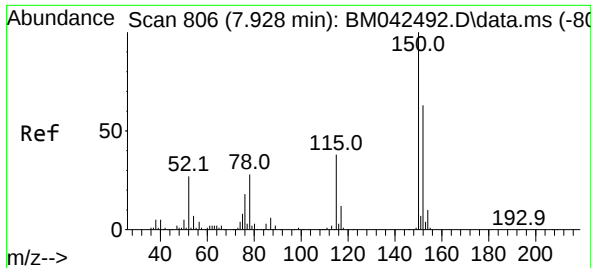
Reviewed By :Yogesh Patel 11/02/2023  
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:42:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
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 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.080 | 196  | 164241   | 51.587  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.410 | 154  | 533733   | 49.936  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.457 | 162  | 401607   | 51.218  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.698 | 65   | 151652   | 47.956  | ng    | 97       |
| 49) Acenaphthylene            | 14.298 | 152  | 683727   | 52.651  | ng    | 100      |
| 50) Dimethylphthalate         | 14.039 | 163  | 537309   | 51.414  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.186 | 165  | 112523   | 52.243  | ng    | 98       |
| 52) Acenaphthene              | 14.633 | 154  | 387057   | 49.111  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.527 | 138  | 79764    | 34.382  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.727 | 184  | 100546   | 67.164  | ng    | 96       |
| 55) Dibenzofuran              | 14.969 | 168  | 650035   | 50.728  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.827 | 139  | 190107   | 95.645  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.969 | 165  | 161300   | 49.303  | ng    | 99       |
| 58) Fluorene                  | 15.621 | 166  | 532959   | 51.405  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 150663   | 56.183  | ng    | 99       |
| 60) Diethylphthalate          | 15.386 | 149  | 553001   | 52.231  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.610 | 204  | 273709   | 52.256  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.692 | 138  | 104068   | 48.211  | ng    | 93       |
| 63) Azobenzene                | 15.904 | 77   | 615865   | 52.787  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 198  | 76449    | 39.375  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.839 | 169  | 446365   | 50.827  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248  | 167300   | 53.718  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 194827   | 56.546  | ng    | 99       |
| 69) Atrazine                  | 16.786 | 200  | 177890   | 70.102  | ng    | 99       |
| 70) Pentachlorophenol         | 16.957 | 266  | 285162   | 112.578 | ng    | 99       |
| 71) Phenanthrene              | 17.368 | 178  | 842622   | 51.769  | ng    | 99       |
| 72) Anthracene                | 17.457 | 178  | 849149   | 52.671  | ng    | 100      |
| 73) Carbazole                 | 17.745 | 167  | 785514   | 59.892  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.262 | 149  | 1058455  | 57.469  | ng    | 99       |
| 75) Fluoranthene              | 19.380 | 202  | 1049327  | 54.882  | ng    | 99       |
| 77) Benzidine                 | 19.592 | 184  | 290894   | 91.331  | ng    | 99       |
| 78) Pyrene                    | 19.745 | 202  | 1110187  | 48.692  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.627 | 149  | 498713   | 51.213  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.486 | 228  | 1130676  | 53.520  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.433 | 252  | 298571   | 44.468  | ng    | 98       |
| 83) Chrysene                  | 21.545 | 228  | 1062832  | 49.526  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 776906   | 52.789  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.297 | 149  | 1334050  | 52.662  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.456 | 276  | 1296117  | 57.230  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 23.174 | 252  | 1159938  | 54.716  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.227 | 252  | 1087604  | 46.041  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.815 | 252  | 970845   | 46.516  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.474 | 278  | 1085164  | 51.567  | ng #  | 95       |
| 92) Benzo(g,h,i)perylene      | 27.250 | 276  | 1026296  | 51.417  | ng    | 96       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

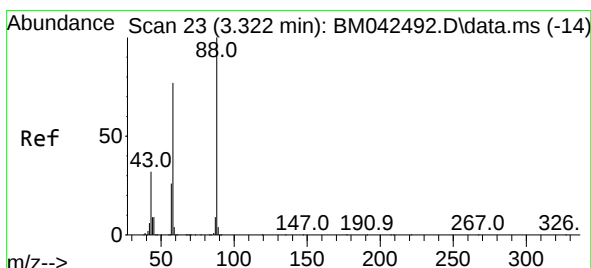
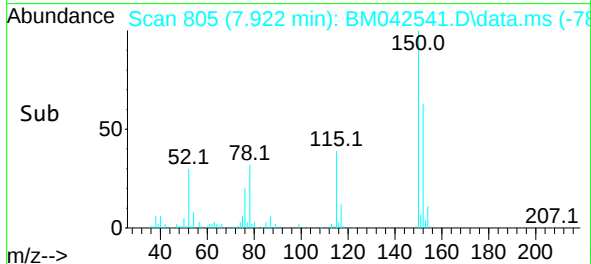
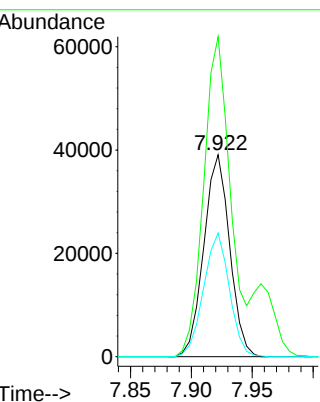
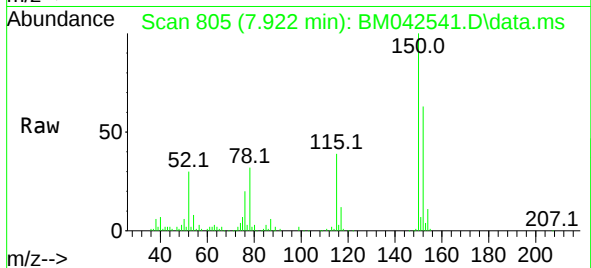
ClientSampleId :

348MS

Tgt Ion:152 Resp: 5777  
Ion Ratio Lower Upper  
152 100  
150 158.5 127.4 191.0  
115 61.3 47.9 71.9

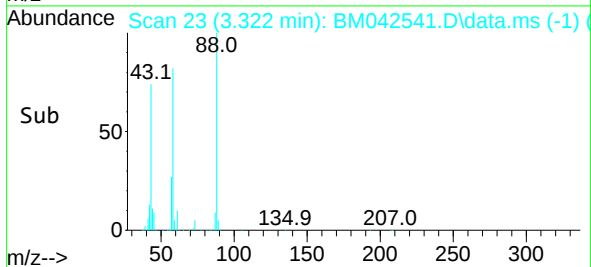
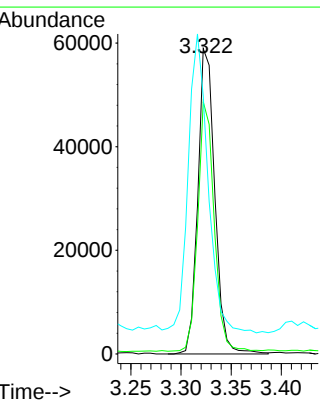
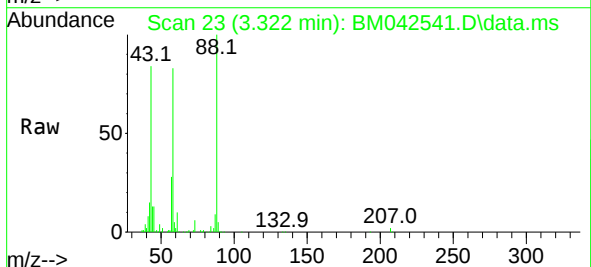
Manual Integrations  
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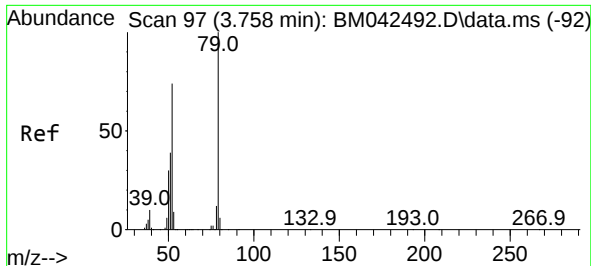
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#2  
1,4-Dioxane  
Concen: 40.806 ng  
RT: 3.322 min Scan# 23  
Delta R.T. -0.000 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

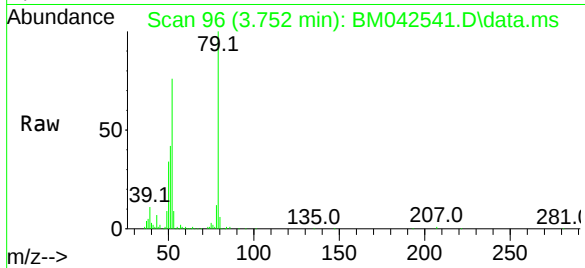
Tgt Ion: 88 Resp: 69620  
Ion Ratio Lower Upper  
88 100  
58 78.8 62.6 93.8  
43 113.6 26.5 39.7#





#3  
Pyridine  
Concen: 31.242 ng  
RT: 3.752 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

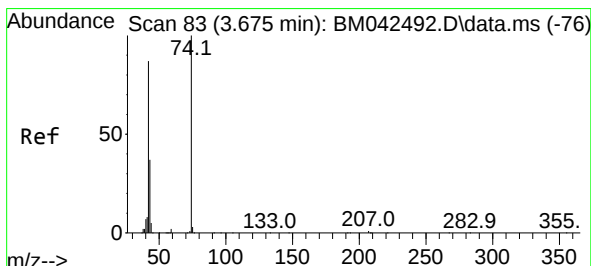
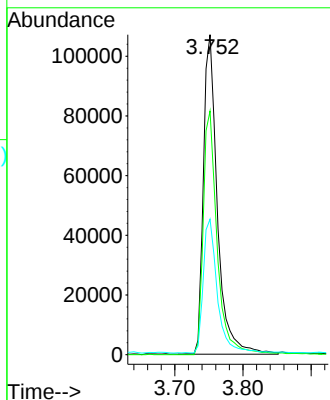
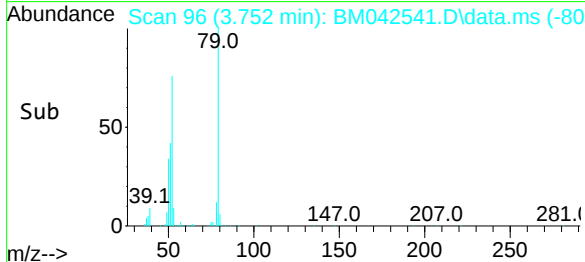
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion: 79 Resp: 152909  
Ion Ratio Lower Upper  
79 100  
52 76.1 59.3 88.9  
51 42.3 32.7 49.1

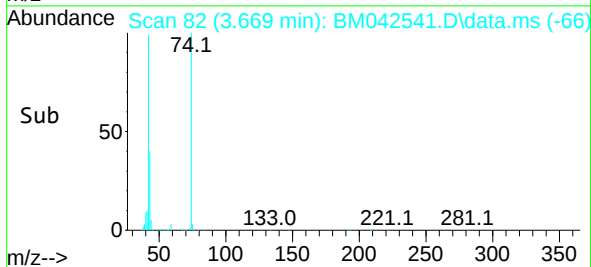
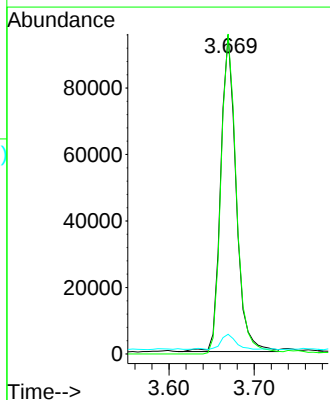
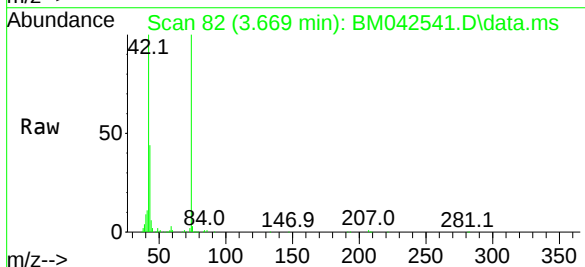
Manual Integrations  
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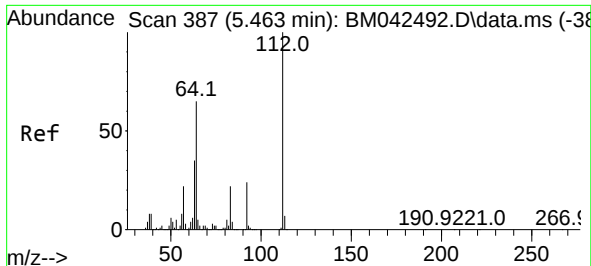
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#4  
n-Nitrosodimethylamine  
Concen: 50.985 ng  
RT: 3.669 min Scan# 82  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion: 42 Resp: 120085  
Ion Ratio Lower Upper  
42 100  
74 100.4 92.2 138.2  
44 6.2 5.1 7.7





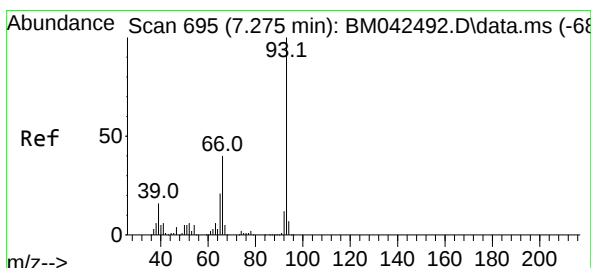
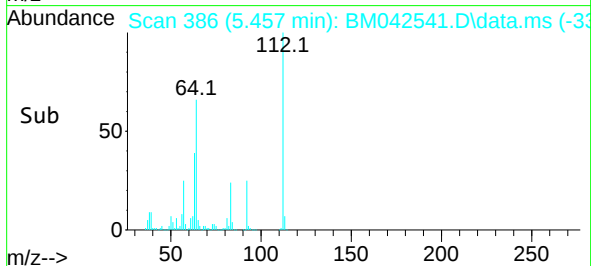
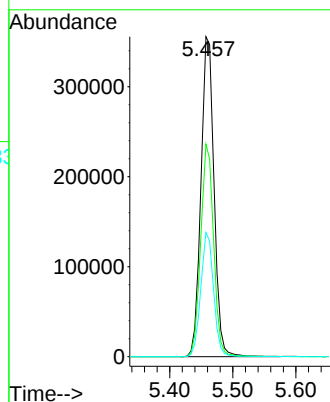
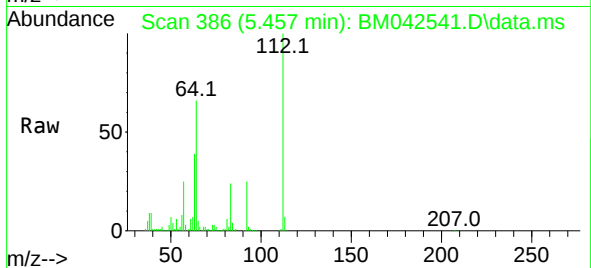
#5  
2-Fluorophenol  
Concen: 143.443 ng  
RT: 5.457 min Scan# 387  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

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348MS

Tgt Ion:112 Resp: 513520  
Ion Ratio Lower Upper  
112 100  
64 66.4 52.1 78.1  
63 38.8 28.3 42.5

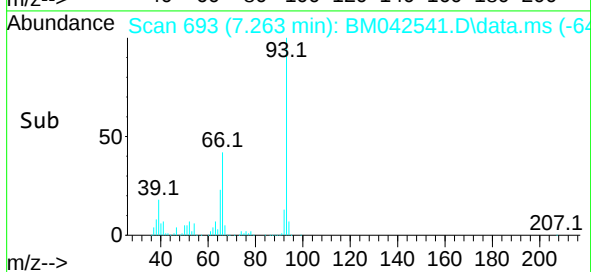
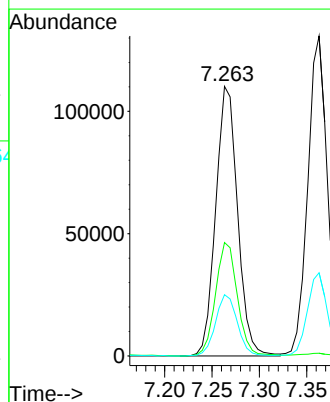
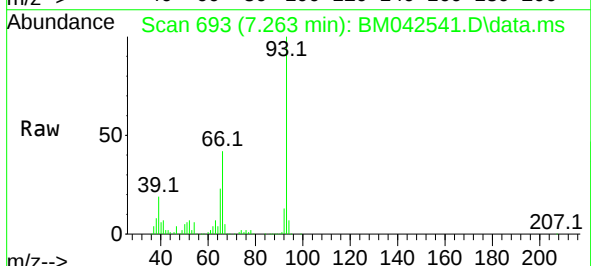
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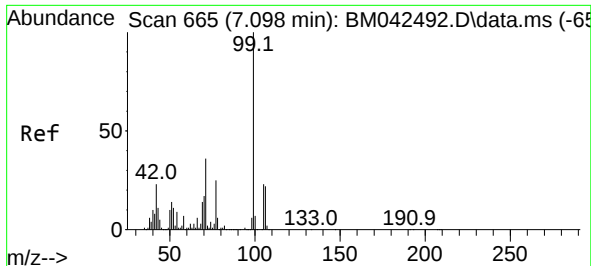
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#6  
Aniline  
Concen: 28.425 ng  
RT: 7.263 min Scan# 693  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion: 93 Resp: 177401  
Ion Ratio Lower Upper  
93 100  
66 42.1 32.2 48.2  
65 22.7 17.0 25.6





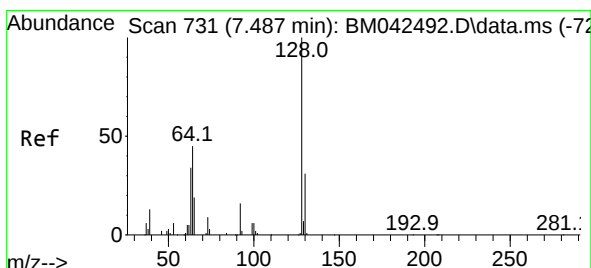
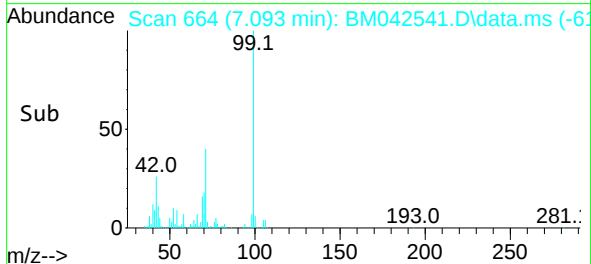
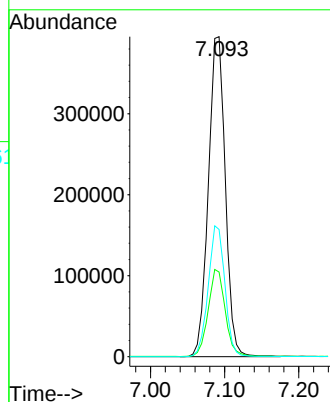
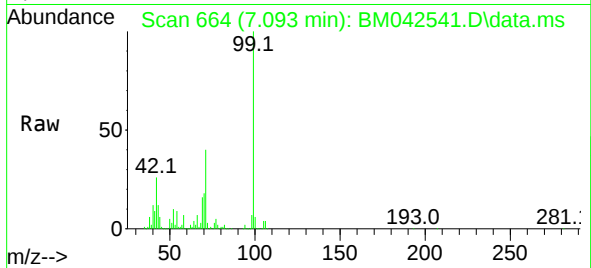
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Phenol-d6  
Concen: 127.754 ng  
RT: 7.093 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion: 99 Resp: 62725  
Ion Ratio Lower Upper  
99 100  
42 26.5 18.7 28.1  
71 39.7 29.1 43.7

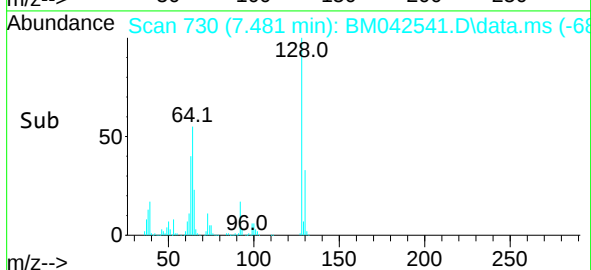
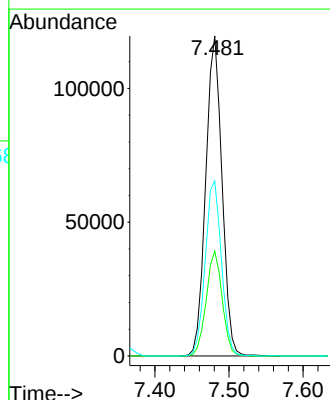
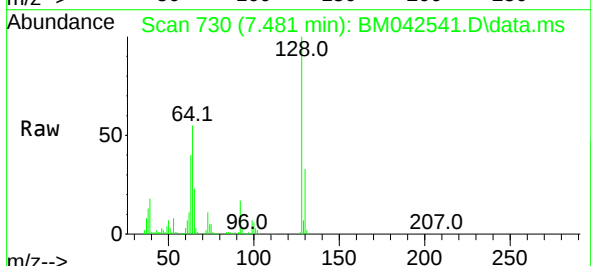
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Supervised By :mohammad ahmed 11/02/2023



#8  
2-Chlorophenol  
Concen: 47.266 ng  
RT: 7.481 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:128 Resp: 182459  
Ion Ratio Lower Upper  
128 100  
130 32.8 11.2 51.2  
64 54.7 34.4 74.4





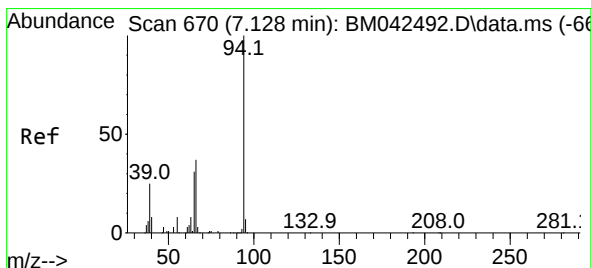
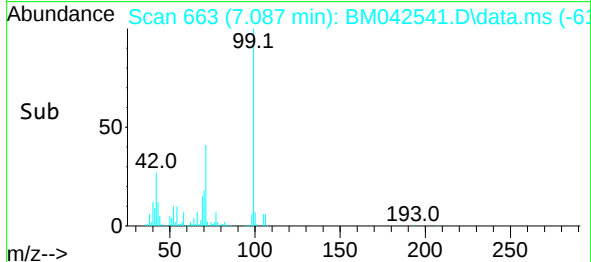
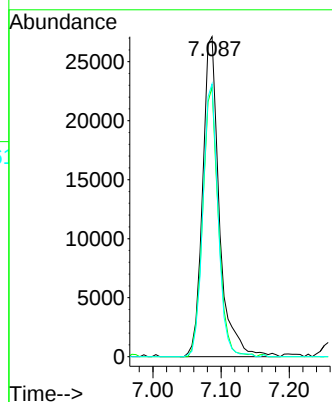
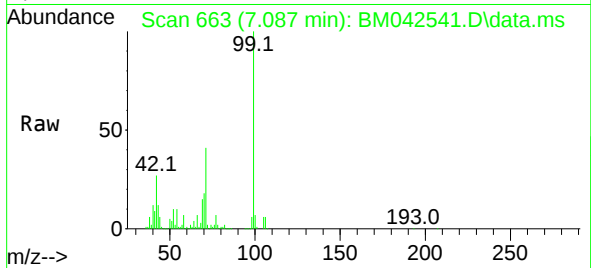
#9  
Benzaldehyde  
Concen: 16.352 ng  
RT: 7.087 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion: 77 Resp: 46272  
Ion Ratio Lower Upper  
77 100  
105 84.2 69.7 109.7  
106 85.3 66.4 106.4

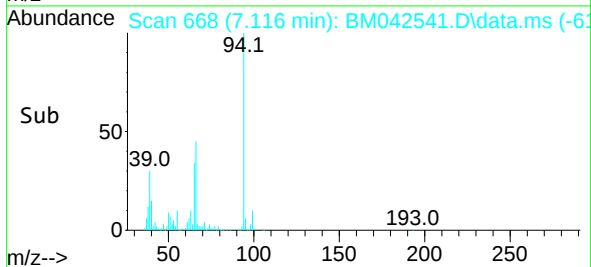
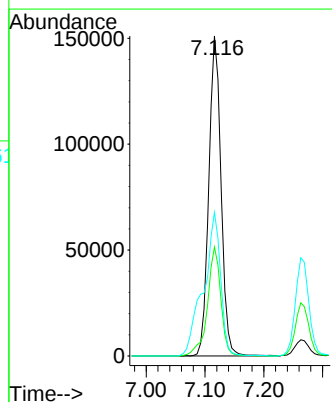
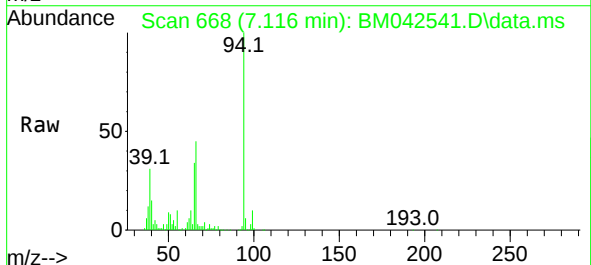
Manual Integrations  
APPROVED

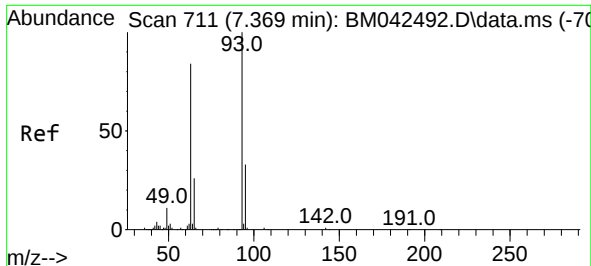
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#10  
Phenol  
Concen: 43.777 ng  
RT: 7.116 min Scan# 668  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion: 94 Resp: 218294  
Ion Ratio Lower Upper  
94 100  
65 34.1 11.5 51.5  
66 44.9 20.0 60.0





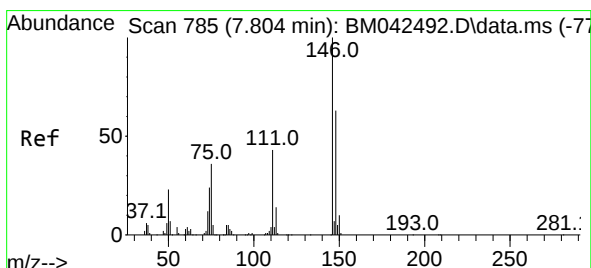
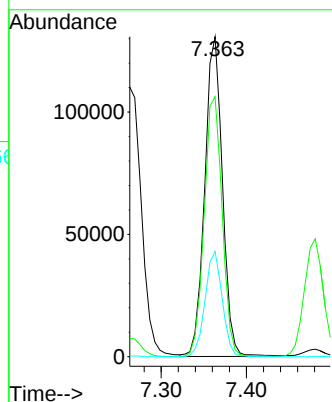
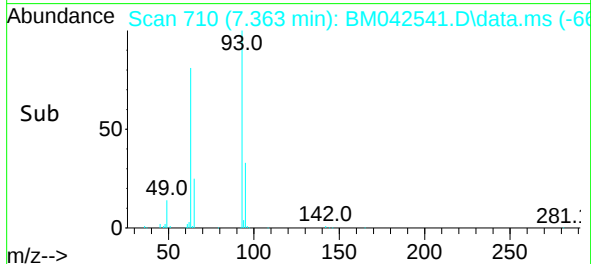
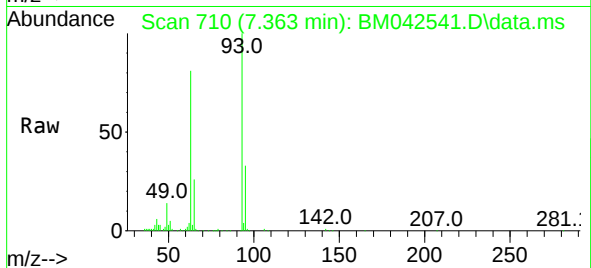
#11  
bis(2-Chloroethyl)ether  
Concen: 44.675 ng  
RT: 7.363 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion: 93 Resp: 188461  
Ion Ratio Lower Upper  
93 100  
63 81.2 63.2 103.2  
95 32.9 12.3 52.3

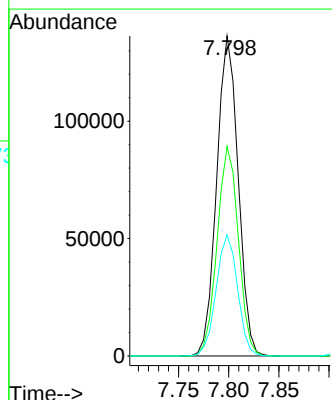
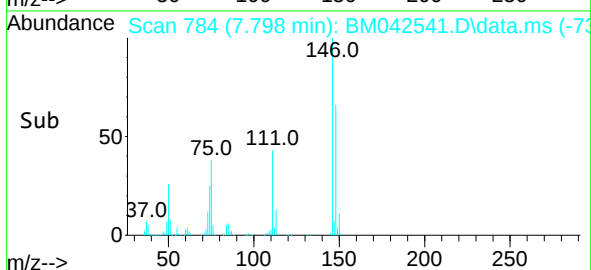
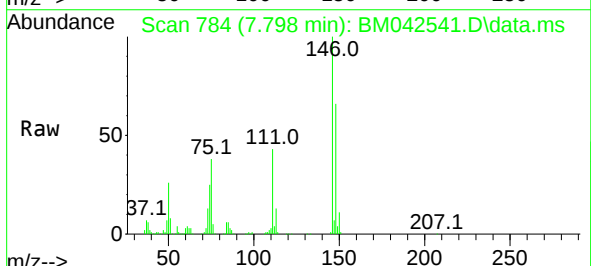
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#12  
1,3-Dichlorobenzene  
Concen: 48.626 ng  
RT: 7.798 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:146 Resp: 202868  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.4 75.6  
75 37.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.242 ng

RT: 7.957 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

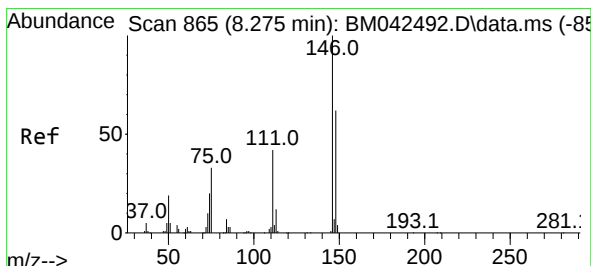
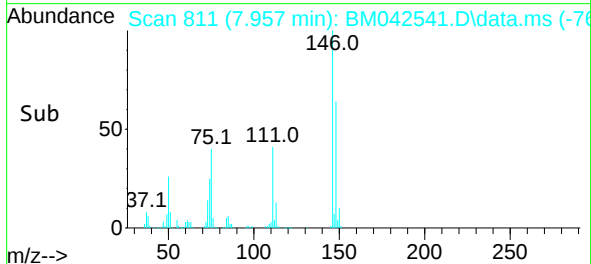
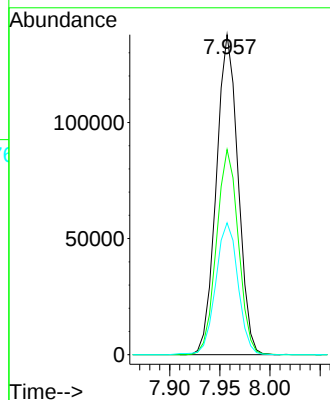
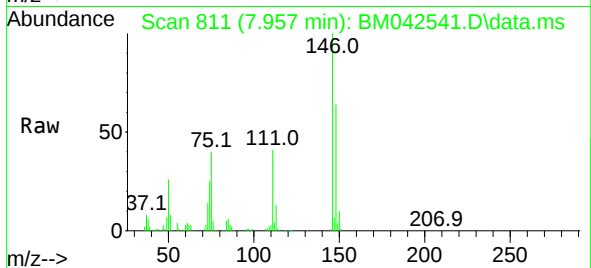
348MS

Tgt Ion:146 Resp: 207914  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 50.0 75.0  
 111 41.2 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023  
 Supervised By :mohammad ahmed 11/02/2023



#14

1,2-Dichlorobenzene

Concen: 49.291 ng

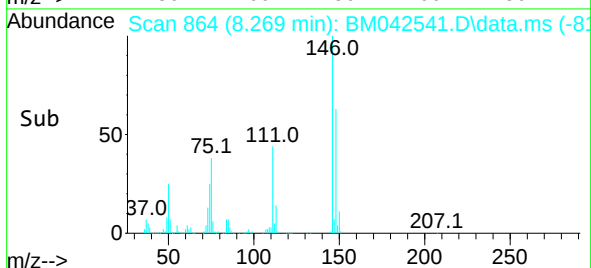
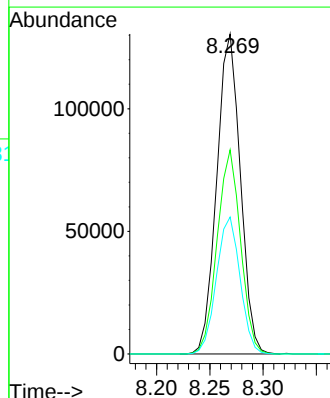
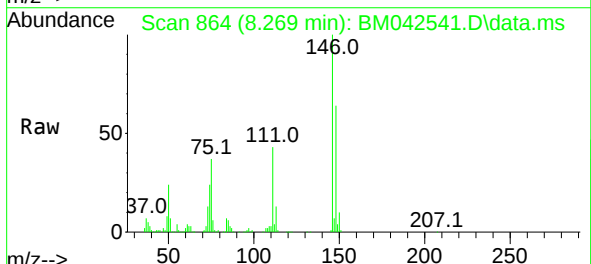
RT: 8.269 min Scan# 864

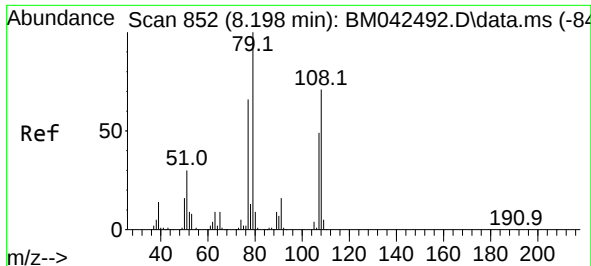
Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

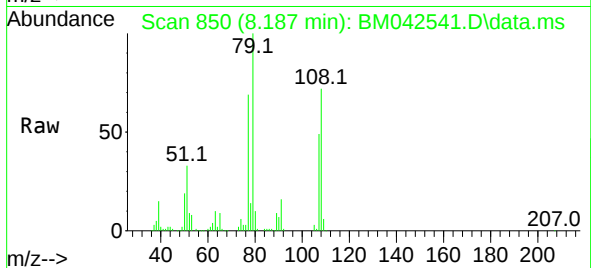
Tgt Ion:146 Resp: 200934  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 50.0 75.0  
 111 42.8 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 53.383 ng  
RT: 8.187 min Scan# 848  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

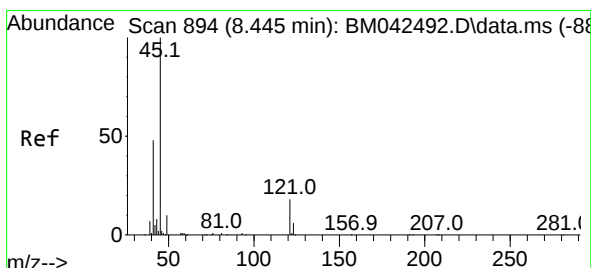
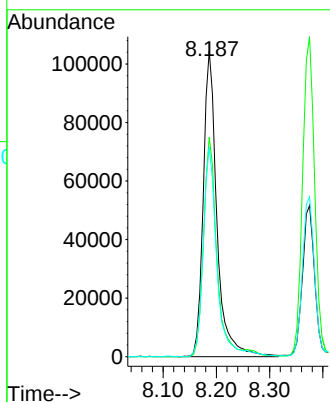
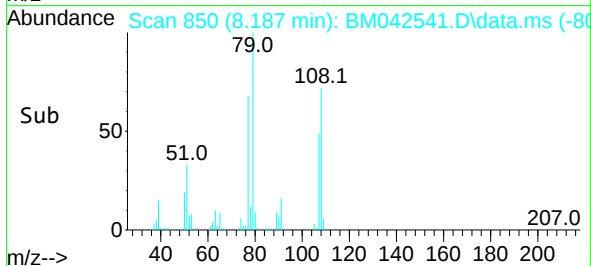
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



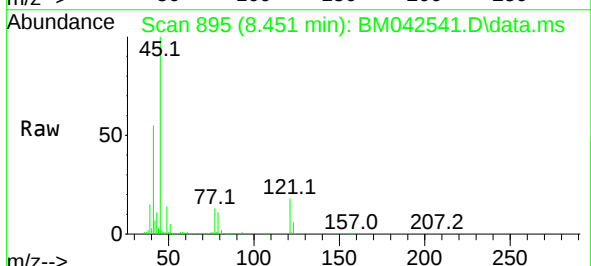
Tgt Ion: 79 Resp: 185558  
Ion Ratio Lower Upper  
79 100  
108 71.8 56.8 85.2  
77 68.5 53.0 79.4

Manual Integrations  
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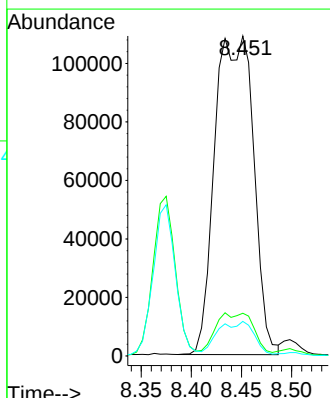
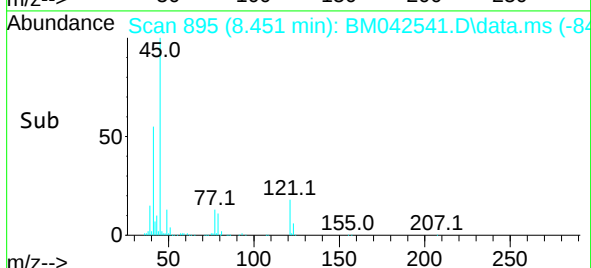
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

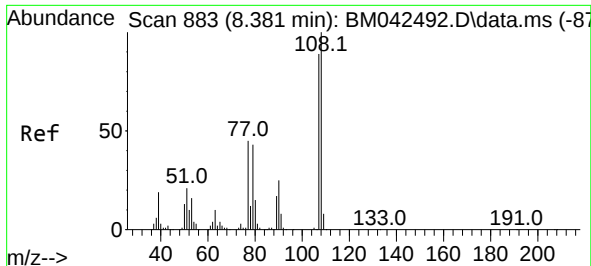


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.540 ng  
RT: 8.451 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



Tgt Ion: 45 Resp: 292292  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 33.0  
79 10.8 0.0 29.5





#17

2-Methylphenol

Concen: 44.447 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:107 Resp: 15693

Ion Ratio Lower Upper

107 100

108 108.0 90.4 135.6

77 53.9 40.6 60.8

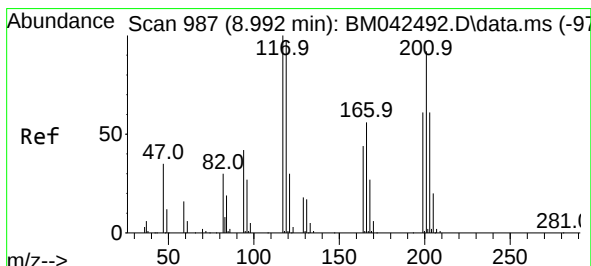
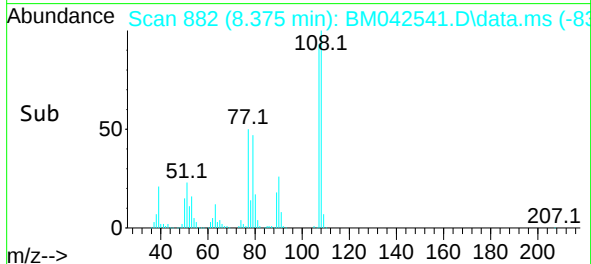
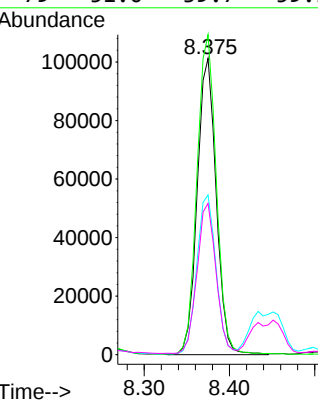
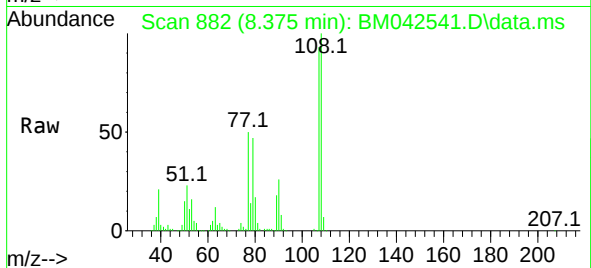
79 51.0 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#18

Hexachloroethane

Concen: 50.093 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

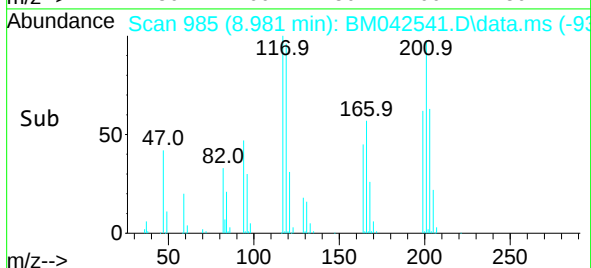
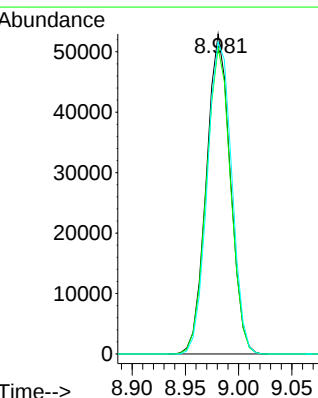
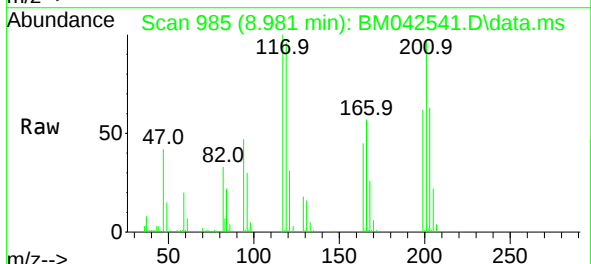
Tgt Ion:117 Resp: 82757

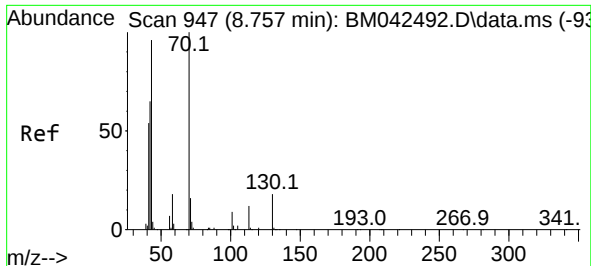
Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

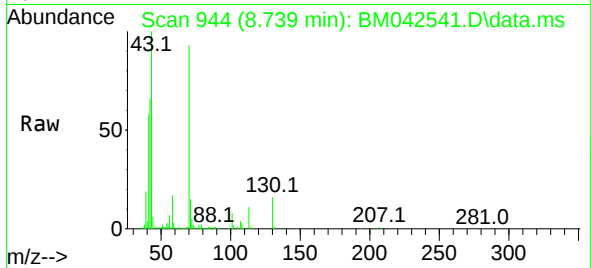
201 97.4 73.7 110.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 46.549 ng  
RT: 8.739 min Scan# 944  
Delta R.T. -0.018 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

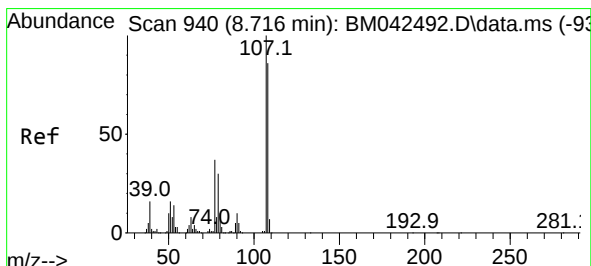
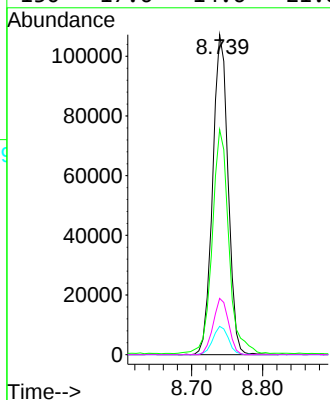
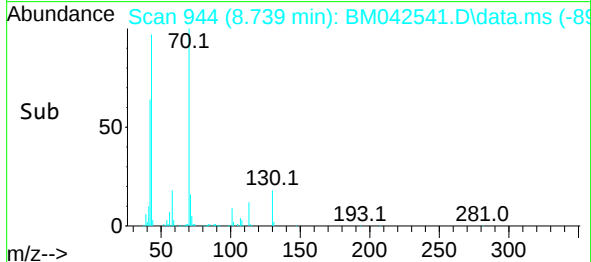
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



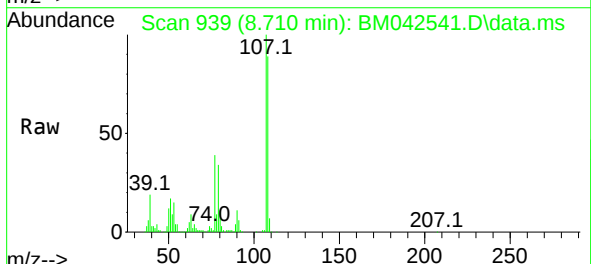
Tgt Ion: 70 Resp: 161670  
Ion Ratio Lower Upper  
70 100  
42 70.4 52.5 78.7  
101 8.9 7.0 10.4  
130 17.6 14.6 21.8

Manual Integrations  
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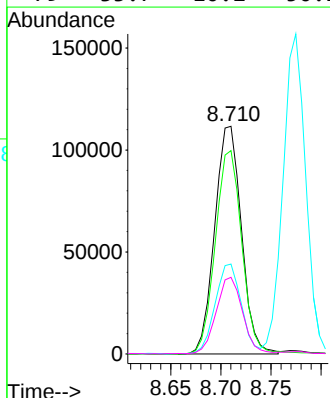
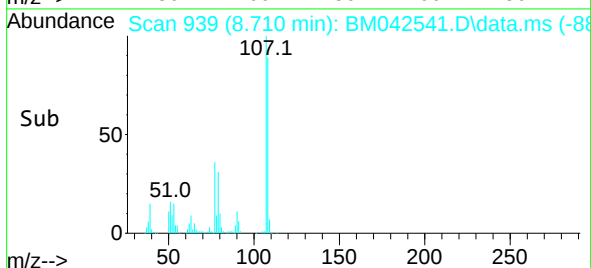
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

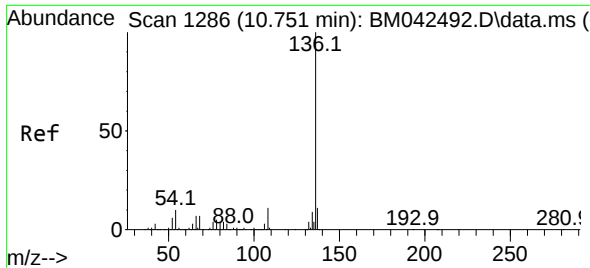


#20  
3+4-Methylphenols  
Concen: 43.821 ng  
RT: 8.710 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



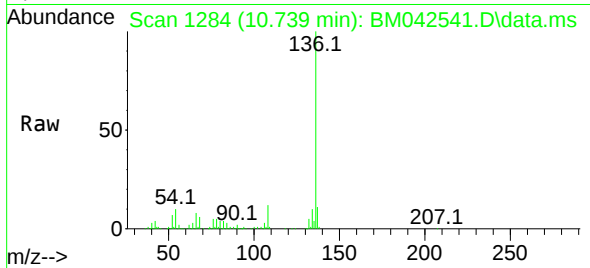
Tgt Ion:107 Resp: 206857  
Ion Ratio Lower Upper  
107 100  
108 89.3 66.4 106.4  
77 39.5 17.6 57.6  
79 33.7 10.2 50.2





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.739 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

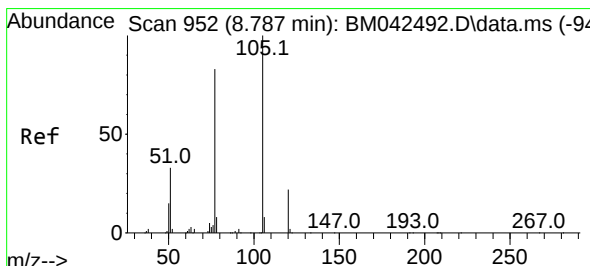
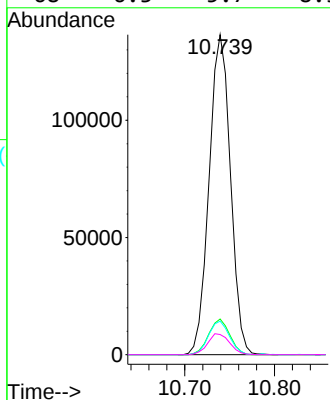
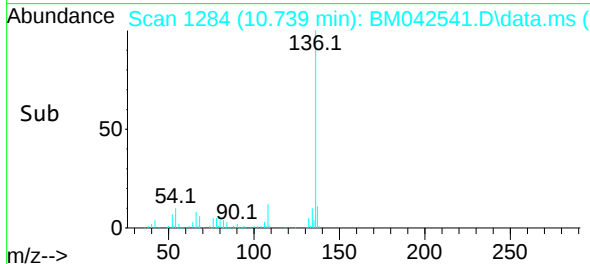
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:136 Resp: 22550  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.6  
54 10.5 8.0 12.0  
68 6.3 5.7 8.5

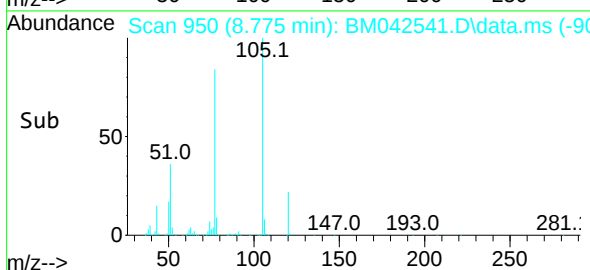
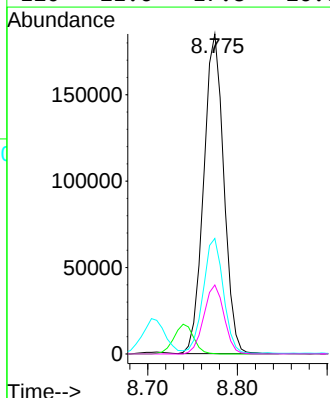
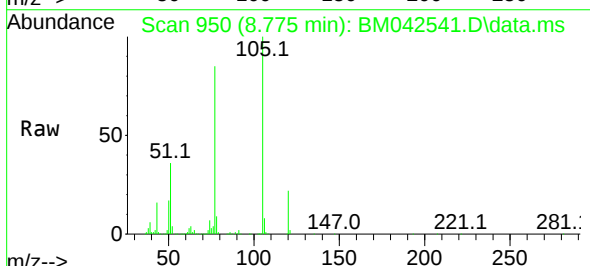
Manual Integrations  
APPROVED

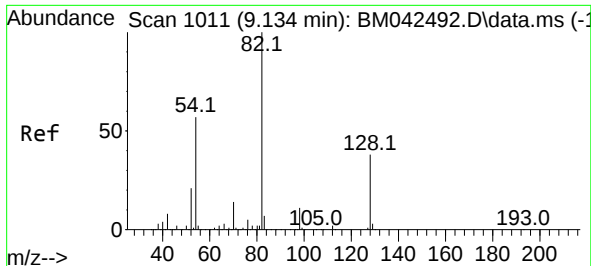
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#22  
Acetophenone  
Concen: 50.635 ng  
RT: 8.775 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:105 Resp: 287976  
Ion Ratio Lower Upper  
105 100  
71 0.1 0.2 0.2#  
51 36.1 27.6 41.4  
120 21.6 17.8 26.6





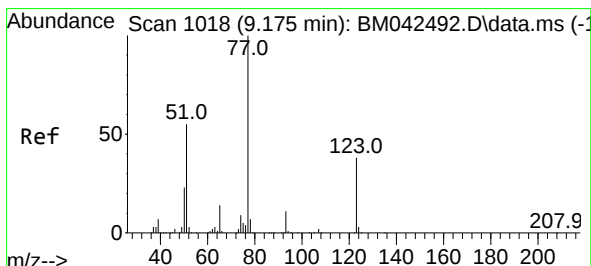
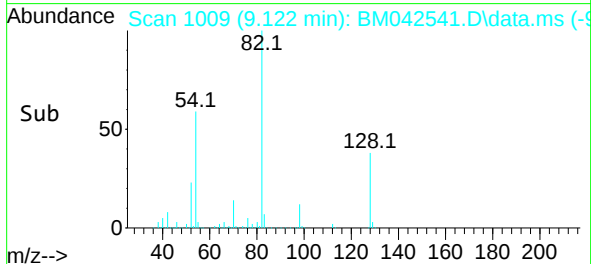
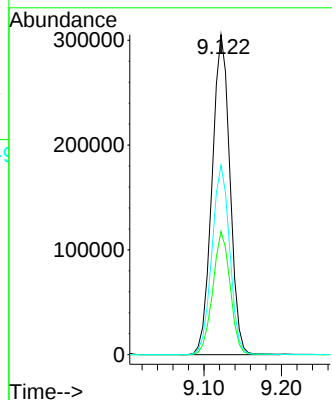
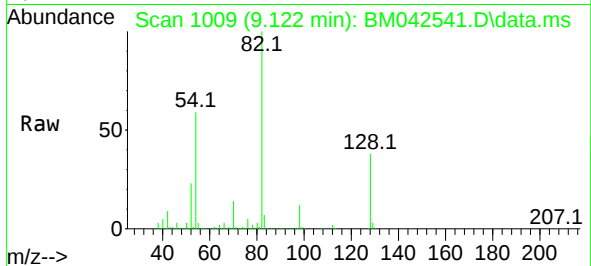
#23  
Nitrobenzene-d5  
Concen: 101.110 ng  
RT: 9.122 min Scan# 1009  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion: 82 Resp: 48910  
Ion Ratio Lower Upper  
82 100  
128 38.5 30.7 46.1  
54 59.2 45.3 67.9

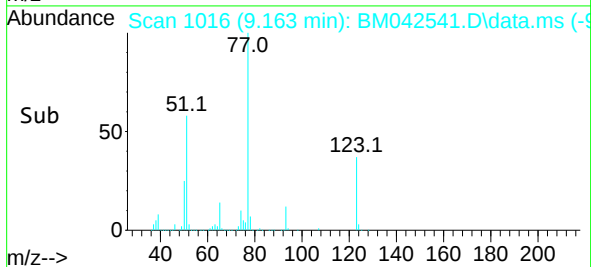
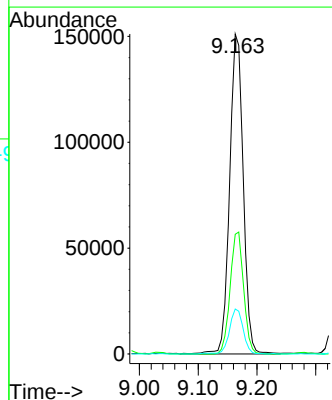
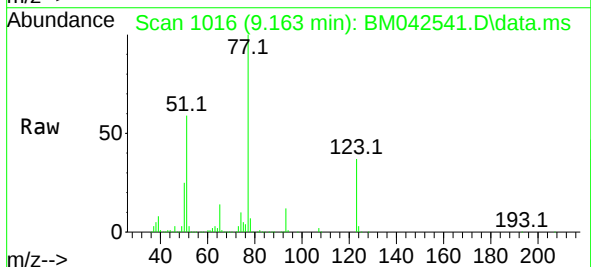
Manual Integrations  
APPROVED

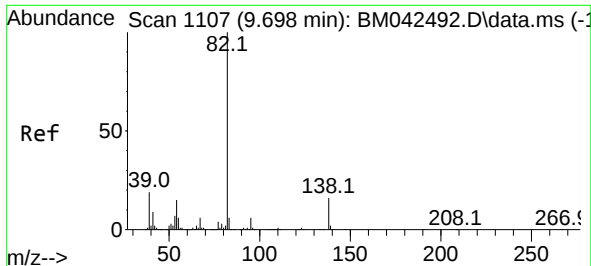
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#24  
Nitrobenzene  
Concen: 51.052 ng  
RT: 9.163 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

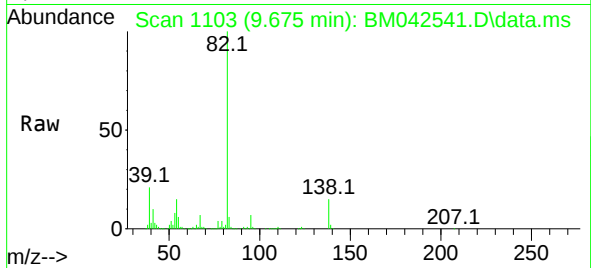
Tgt Ion: 77 Resp: 243242  
Ion Ratio Lower Upper  
77 100  
123 37.4 30.6 46.0  
65 14.1 10.8 16.2





#25  
Isophorone  
Concen: 50.515 ng  
RT: 9.675 min Scan# 1107  
Delta R.T. -0.024 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

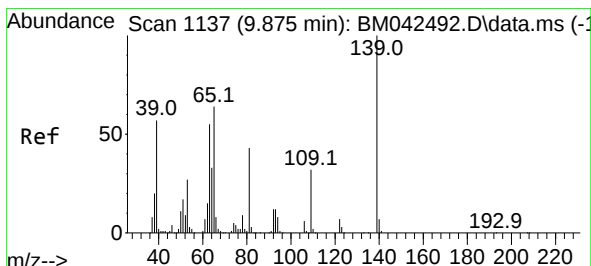
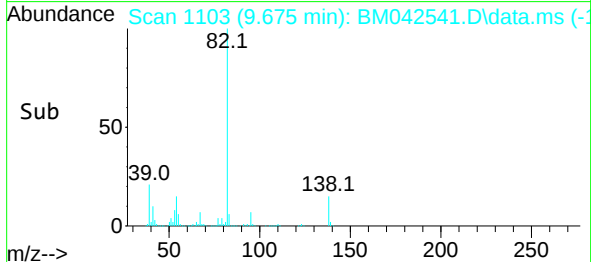
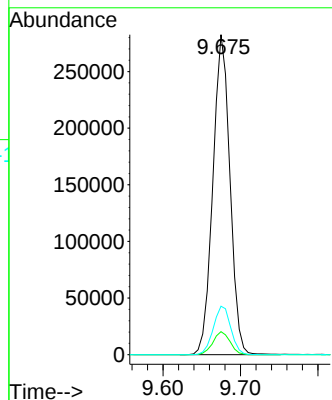
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion: 82 Resp: 432510  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.2 7.8  
138 15.1 12.6 18.8

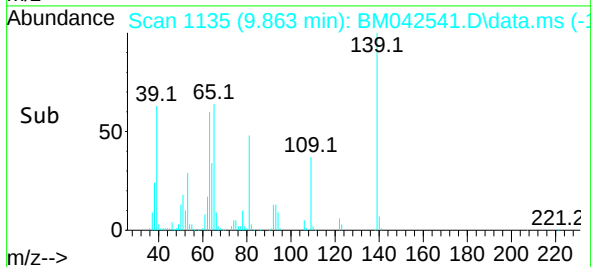
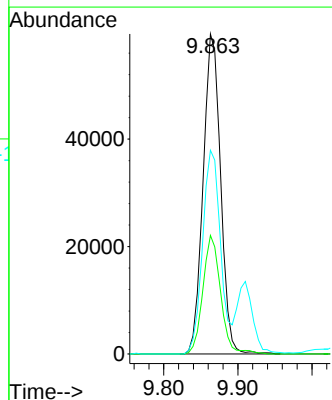
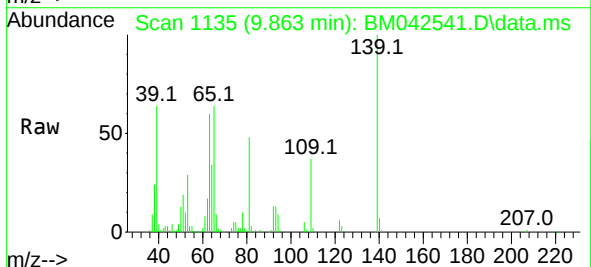
Manual Integrations  
APPROVED

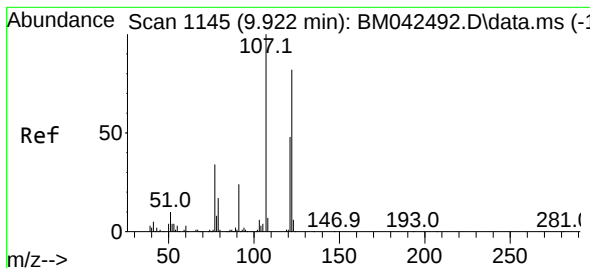
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#26  
2-Nitrophenol  
Concen: 48.206 ng  
RT: 9.863 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

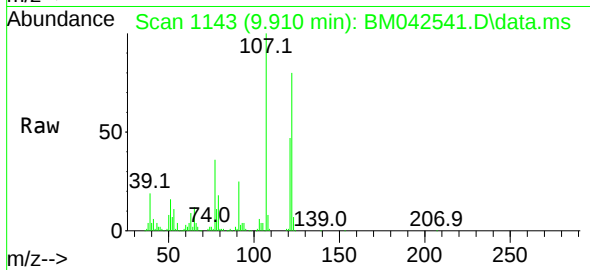
Tgt Ion:139 Resp: 97703  
Ion Ratio Lower Upper  
139 100  
109 37.1 25.2 37.8  
65 63.6 51.4 77.0





#27  
2,4-Dimethylphenol  
Concen: 44.512 ng  
RT: 9.910 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

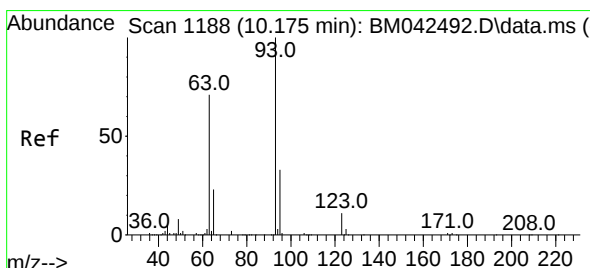
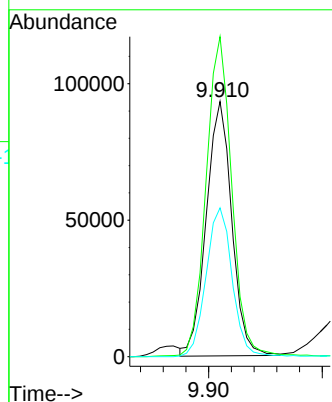
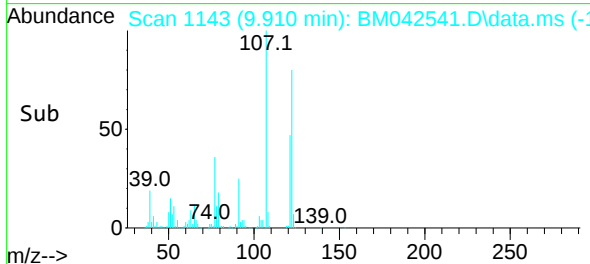
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:122 Resp: 145798  
Ion Ratio Lower Upper  
122 100  
107 125.4 95.4 143.2  
121 58.3 46.0 69.0

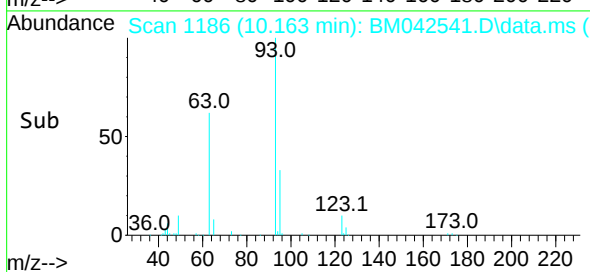
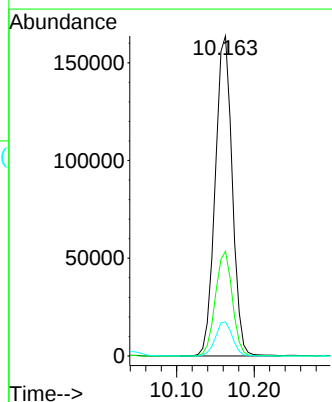
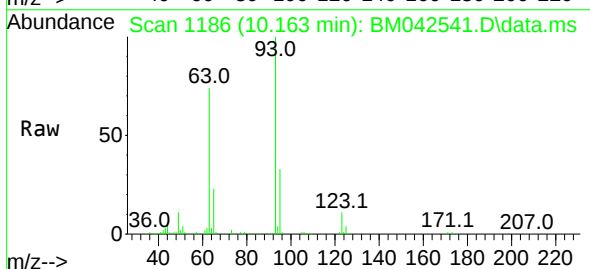
Manual Integrations  
APPROVED

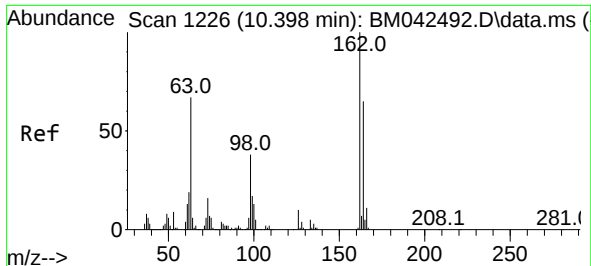
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.420 ng  
RT: 10.163 min Scan# 1186  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

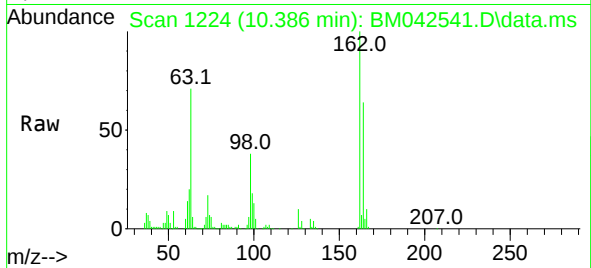
Tgt Ion: 93 Resp: 249762  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.3 39.5  
123 10.6 8.5 12.7





#29  
2,4-Dichlorophenol  
Concen: 55.516 ng  
RT: 10.386 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

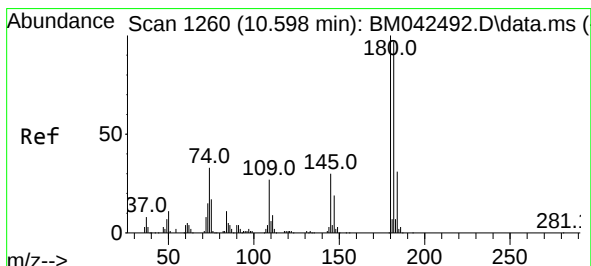
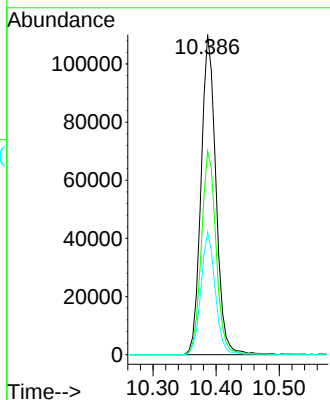
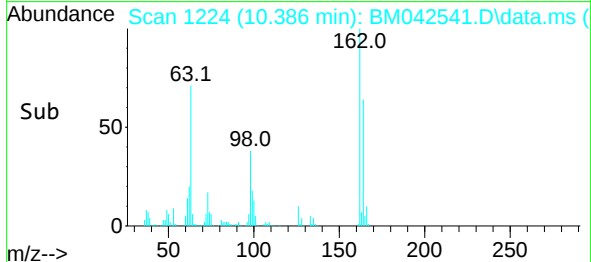
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



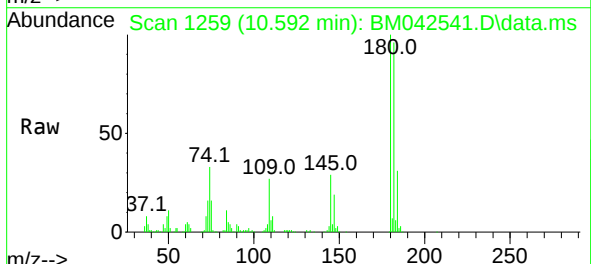
Tgt Ion:162 Resp: 17992  
Ion Ratio Lower Upper  
162 100  
164 63.7 44.9 84.9  
98 38.3 18.4 58.4

Manual Integrations  
APPROVED

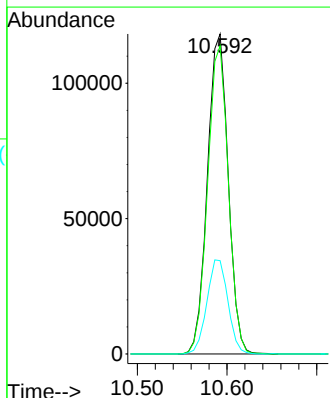
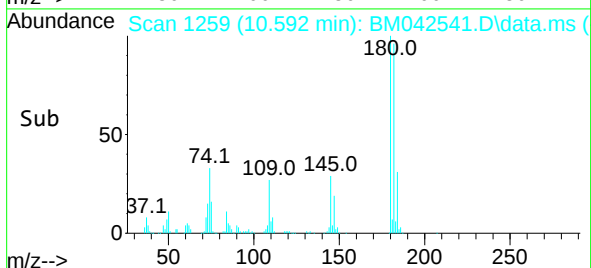
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

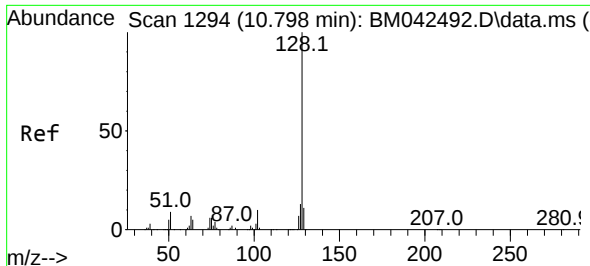


#30  
1,2,4-Trichlorobenzene  
Concen: 53.553 ng  
RT: 10.592 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



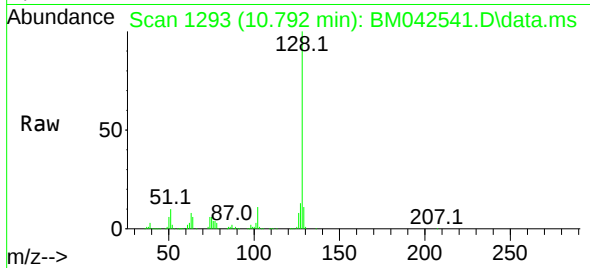
Tgt Ion:180 Resp: 190212  
Ion Ratio Lower Upper  
180 100  
182 96.3 77.8 116.8  
145 29.2 24.4 36.6





#31  
Naphthalene  
Concen: 48.937 ng  
RT: 10.792 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

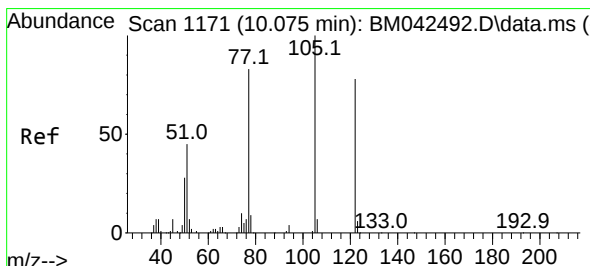
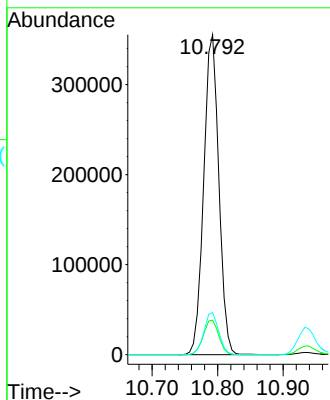
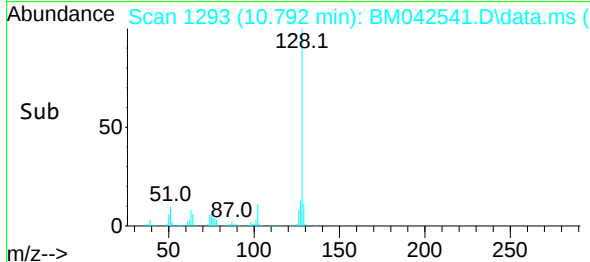
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:128 Resp: 57014  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 13.2 10.6 15.8

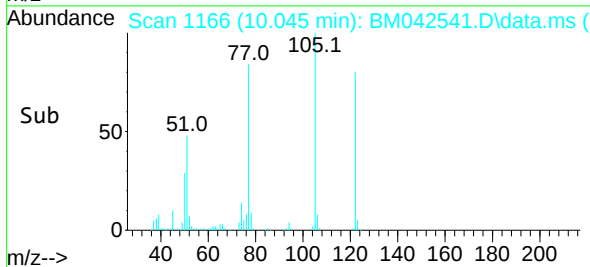
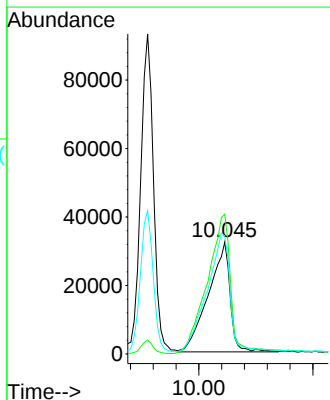
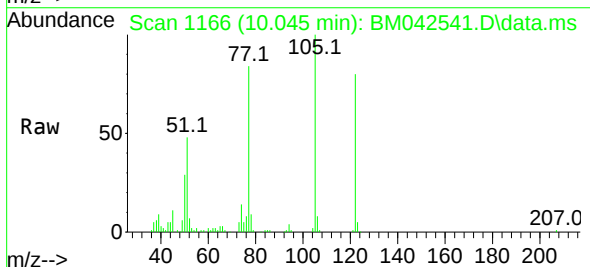
Manual Integrations  
APPROVED

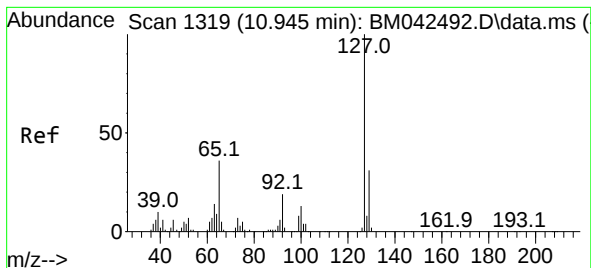
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#32  
Benzoic acid  
Concen: 33.192 ng m  
RT: 10.045 min Scan# 1166  
Delta R.T. -0.030 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:122 Resp: 84729  
Ion Ratio Lower Upper  
122 100  
105 125.1 105.2 145.2  
77 105.5 84.8 124.8





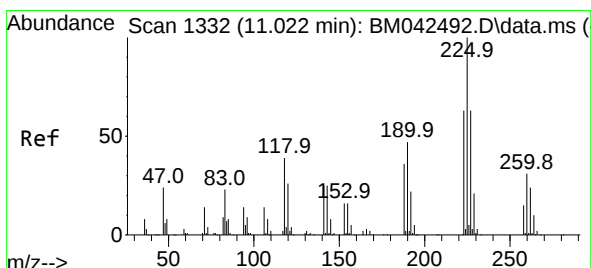
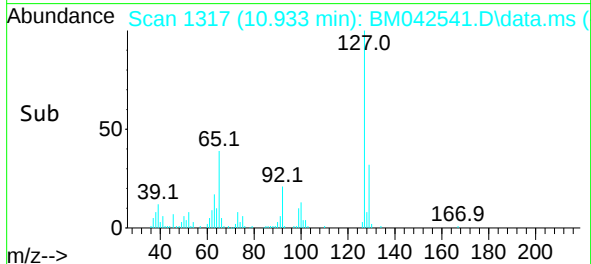
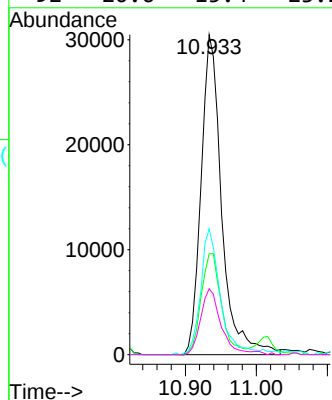
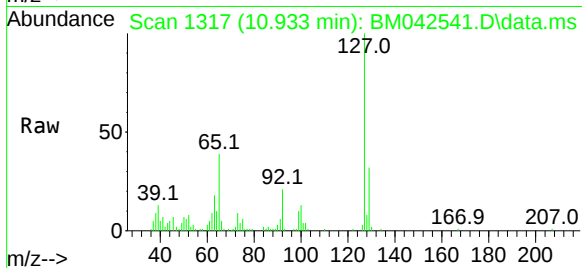
#33  
4-Chloroaniline  
Concen: 13.539 ng  
RT: 10.933 min Scan# 1317  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 6150 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 31.6  | 25.0  | 37.4 |
| 65        | 39.2  | 29.0  | 43.4 |
| 92        | 20.6  | 15.4  | 23.2 |

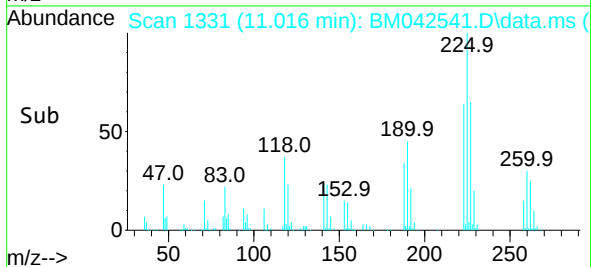
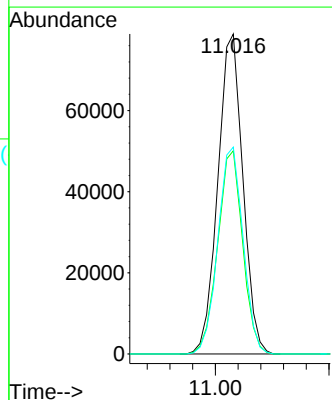
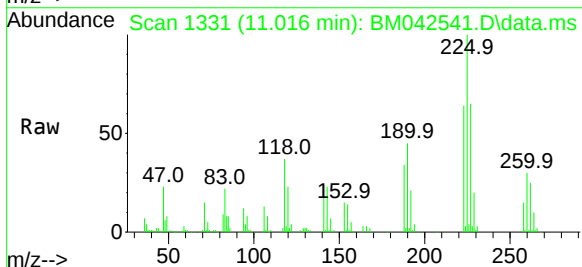
Manual Integrations  
APPROVED

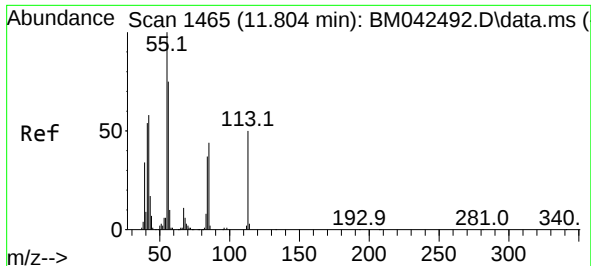
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#34  
Hexachlorobutadiene  
Concen: 55.950 ng  
RT: 11.016 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

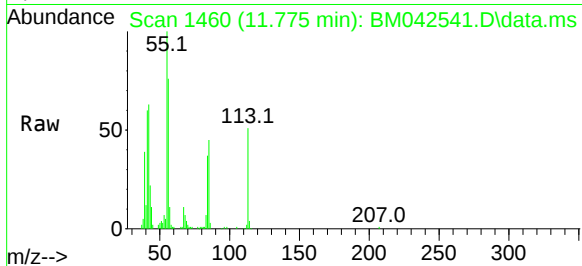
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 120655 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.5  | 50.0  | 75.0   |
| 227       | 64.6  | 50.6  | 75.8   |





#35  
Caprolactam  
Concen: 47.432 ng  
RT: 11.775 min Scan# 1460  
Delta R.T. -0.029 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

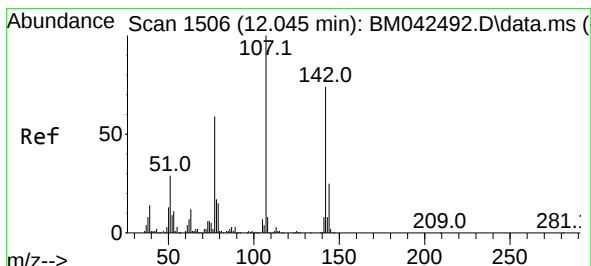
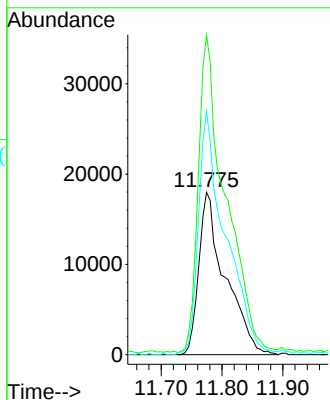
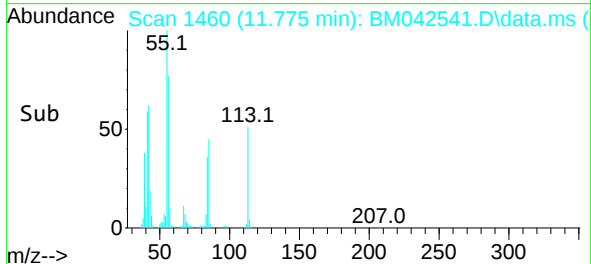
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



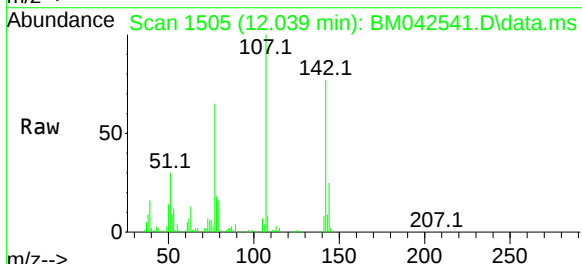
Tgt Ion:113 Resp: 5401  
Ion Ratio Lower Upper  
113 100  
55 197.0 180.9 220.9  
56 150.1 130.0 170.0

Manual Integrations  
APPROVED

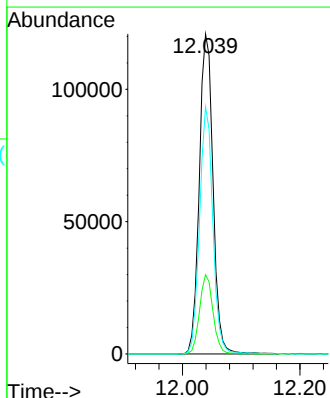
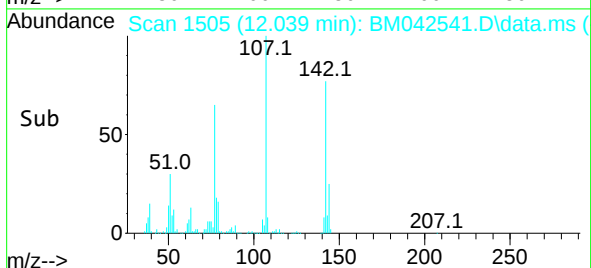
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

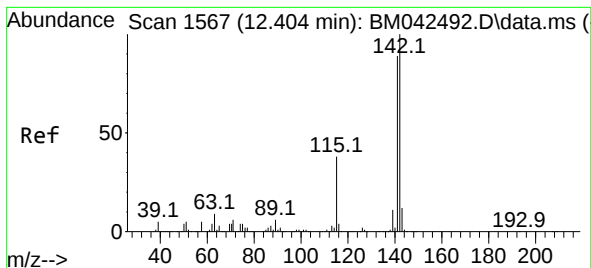


#36  
4-Chloro-3-methylphenol  
Concen: 53.150 ng  
RT: 12.039 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



Tgt Ion:107 Resp: 196038  
Ion Ratio Lower Upper  
107 100  
144 24.8 20.2 30.2  
142 77.2 59.5 89.3





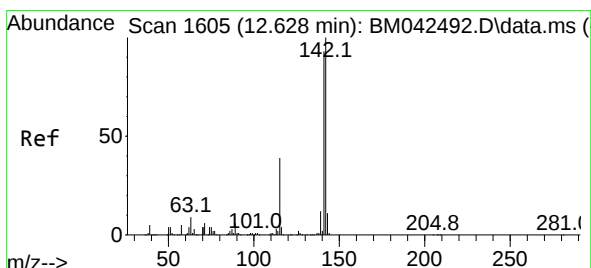
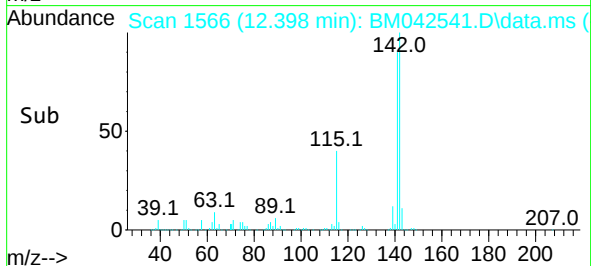
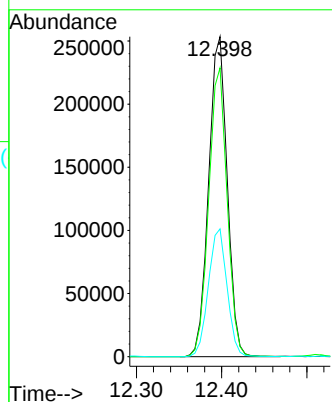
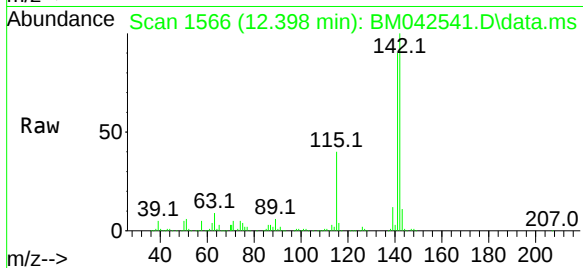
#37  
2-Methylnaphthalene  
Concen: 46.714 ng  
RT: 12.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion:142 Resp: 383290  
Ion Ratio Lower Upper  
142 100  
141 90.2 70.9 106.3  
115 39.9 30.2 45.2

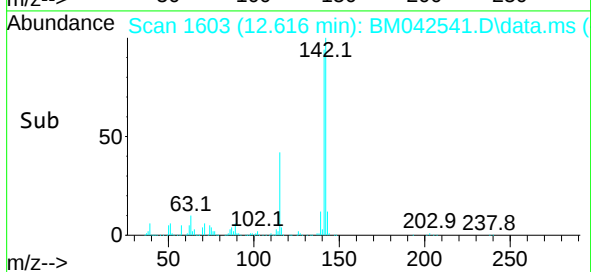
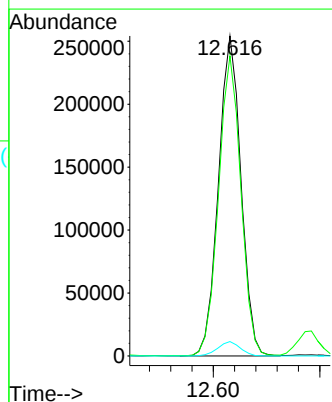
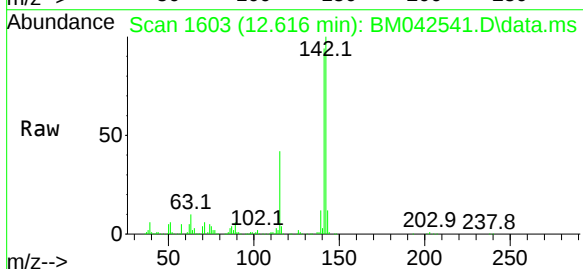
Manual Integrations  
APPROVED

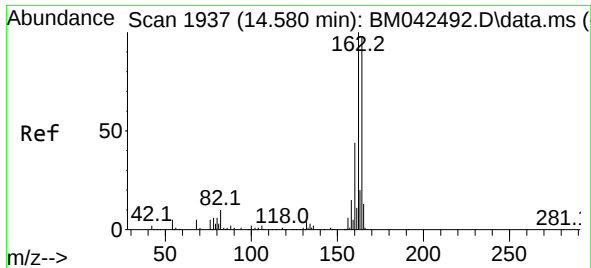
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#38  
1-Methylnaphthalene  
Concen: 48.243 ng  
RT: 12.616 min Scan# 1603  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

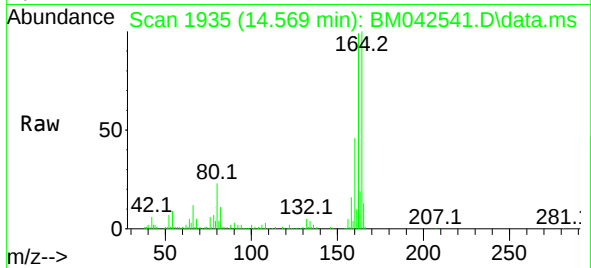
Tgt Ion:142 Resp: 372584  
Ion Ratio Lower Upper  
142 100  
141 93.7 74.4 111.6  
116 4.5 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1935  
Delta R.T. -0.011 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

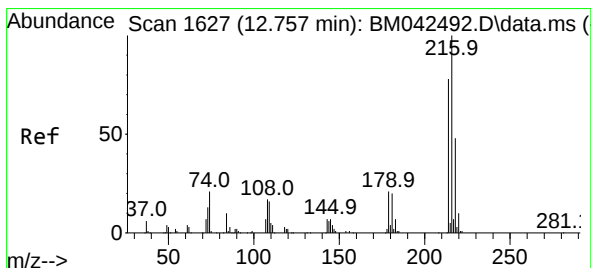
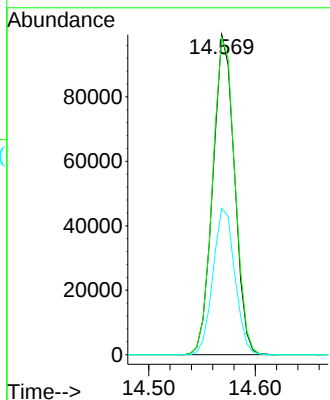
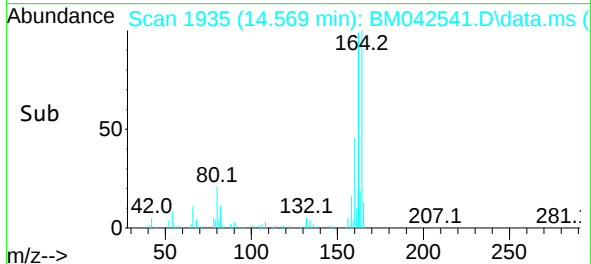
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



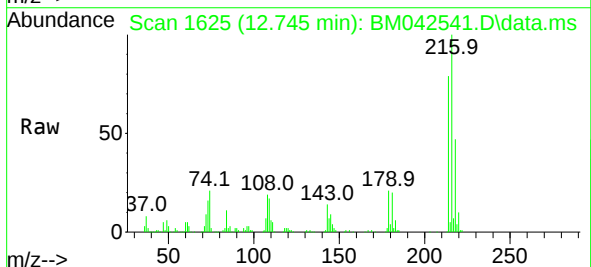
Tgt Ion:164 Resp: 139824  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.6 122.4  
160 45.7 36.2 54.4

Manual Integrations  
APPROVED

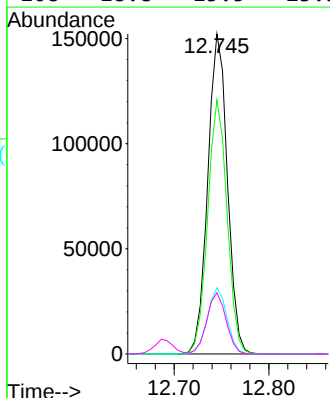
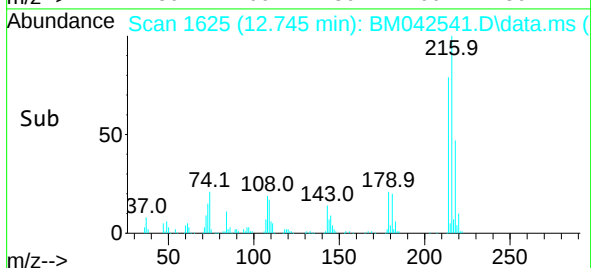
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

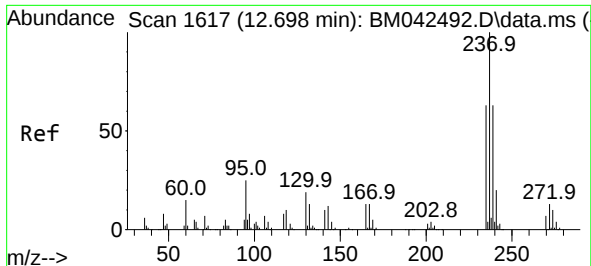


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.543 ng  
RT: 12.745 min Scan# 1625  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



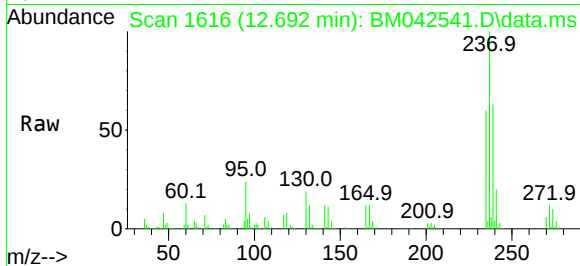
Tgt Ion:216 Resp: 219483  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.5 93.7  
179 20.5 16.7 25.1  
108 18.8 15.5 23.3





#41  
Hexachlorocyclopentadiene  
Concen: 89.703 ng  
RT: 12.692 min Scan# 1616  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

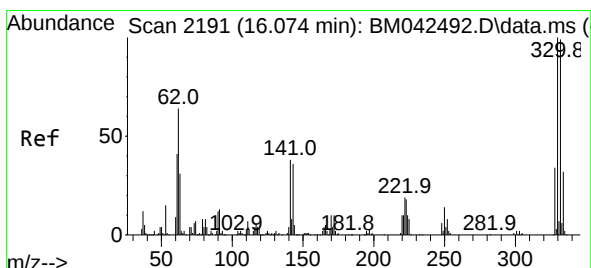
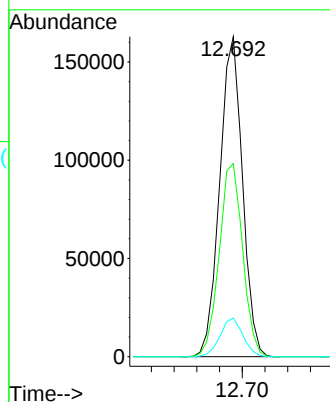
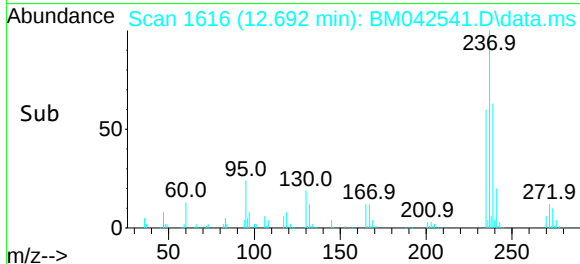
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



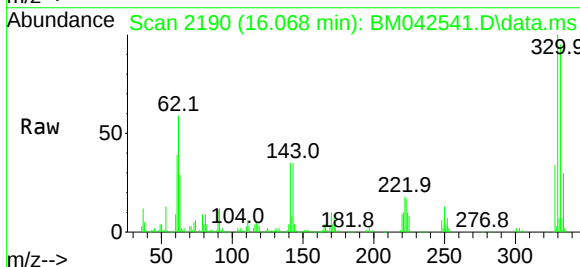
Tgt Ion: 237 Resp: 226638  
Ion Ratio Lower Upper  
237 100  
235 60.3 42.5 82.5  
272 12.0 0.0 33.2

Manual Integrations  
APPROVED

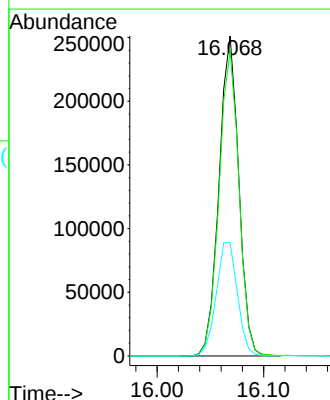
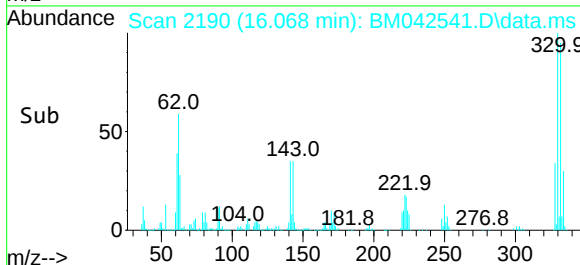
Reviewed By : Yogesh Patel 11/02/2023  
Supervised By : mohammad ahmed 11/02/2023

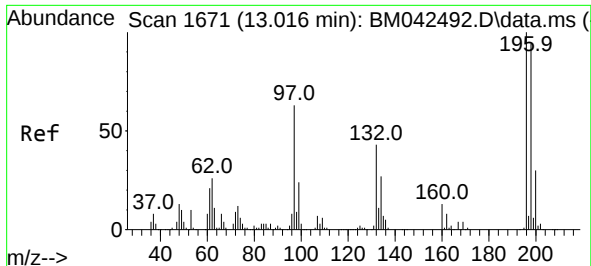


#42  
2,4,6-Tribromophenol  
Concen: 176.567 ng  
RT: 16.068 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



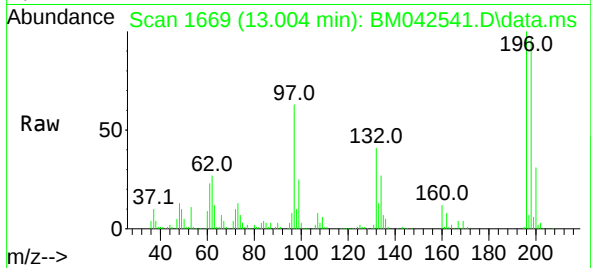
Tgt Ion: 330 Resp: 322327  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.8 118.2  
141 38.3 31.1 46.7





#43  
2,4,6-Trichlorophenol  
Concen: 56.270 ng  
RT: 13.004 min Scan# 1669  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

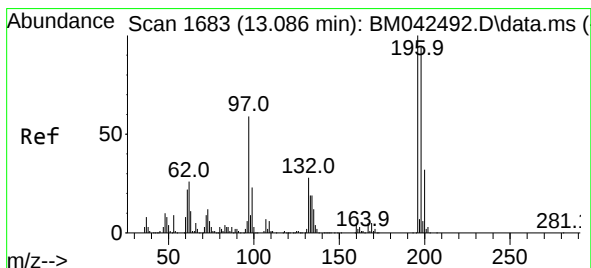
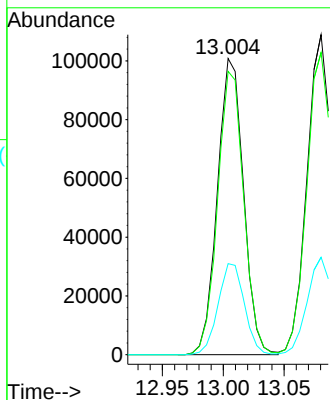
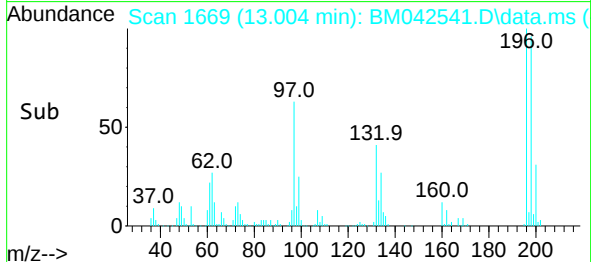
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



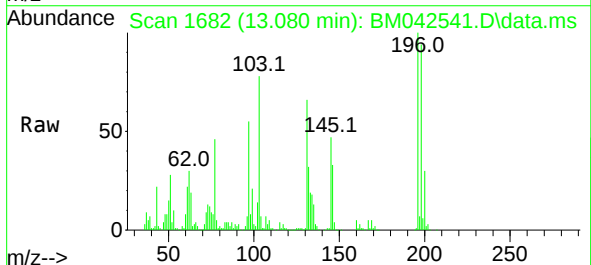
Tgt Ion:196 Resp: 150550  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.2 112.8  
200 30.7 24.3 36.5

Manual Integrations  
APPROVED

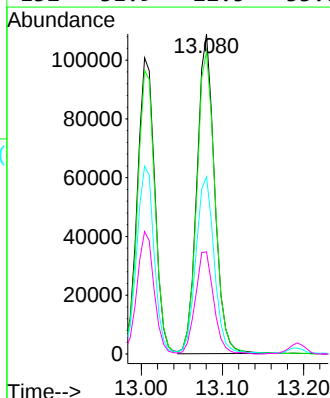
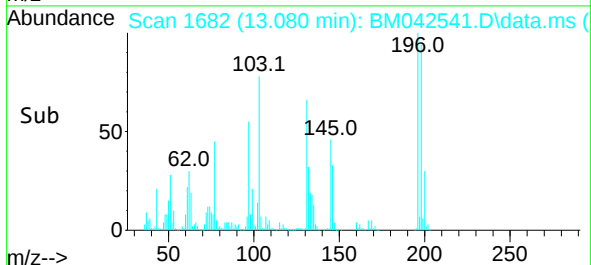
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

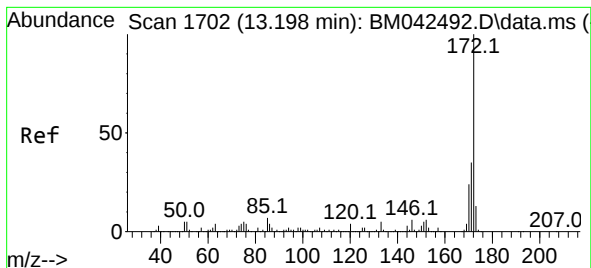


#44  
2,4,5-Trichlorophenol  
Concen: 51.587 ng  
RT: 13.080 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



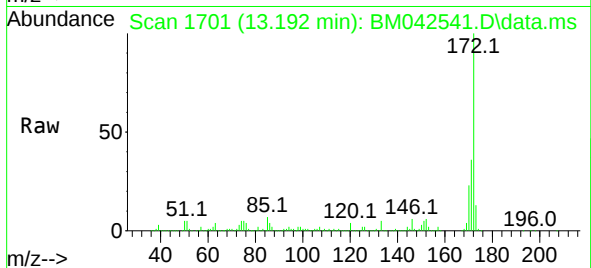
Tgt Ion:196 Resp: 164241  
Ion Ratio Lower Upper  
196 100  
198 94.4 75.1 112.7  
97 55.4 47.4 71.0  
132 31.9 22.5 33.7





#45  
2-Fluorobiphenyl  
Concen: 97.878 ng  
RT: 13.192 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

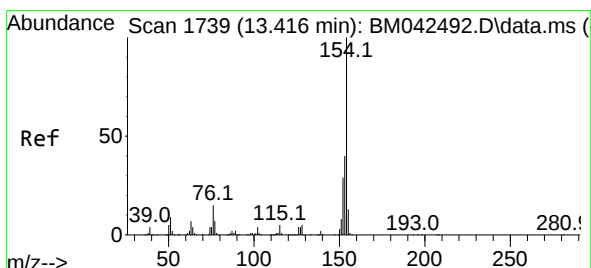
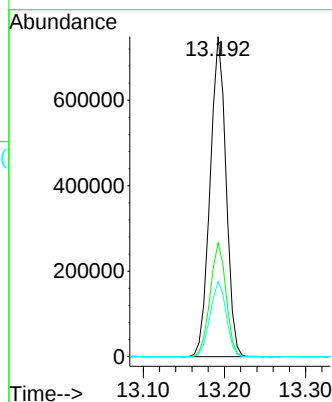
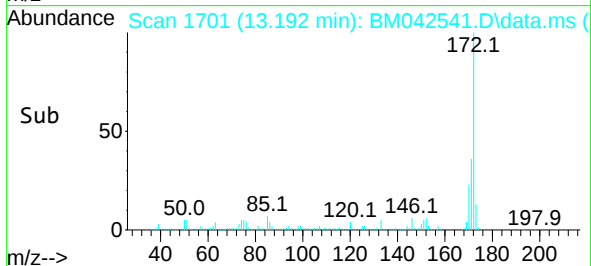
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



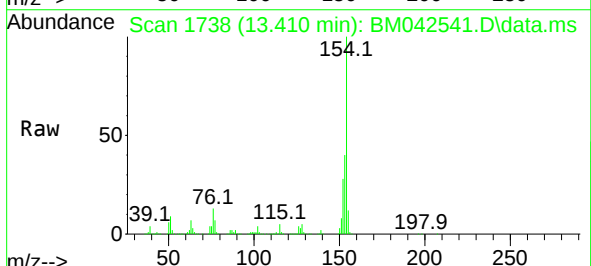
Tgt Ion:172 Resp: 101707  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.5 19.0 28.4

Manual Integrations  
APPROVED

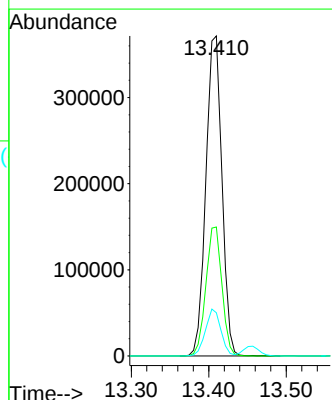
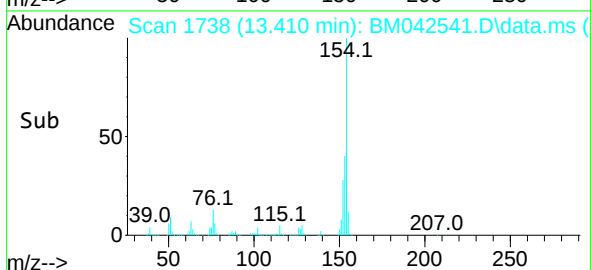
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

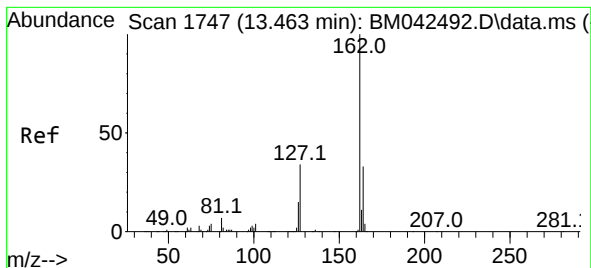


#46  
1,1'-Biphenyl  
Concen: 49.936 ng  
RT: 13.410 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



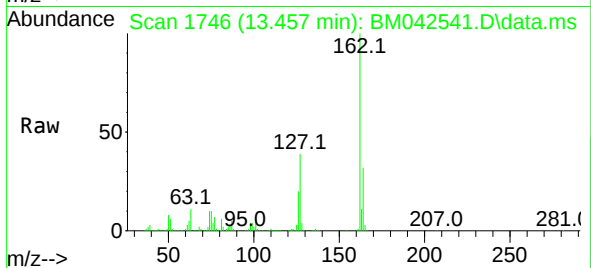
Tgt Ion:154 Resp: 533733  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.3 60.3  
76 13.5 0.0 35.0





#47  
2-Chloronaphthalene  
Concen: 51.218 ng  
RT: 13.457 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

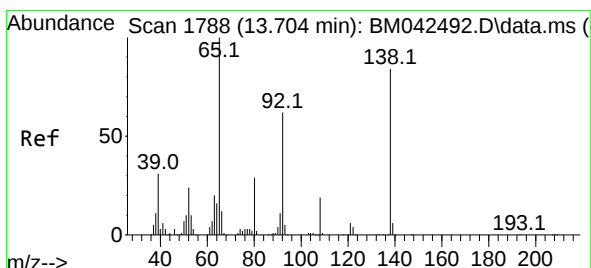
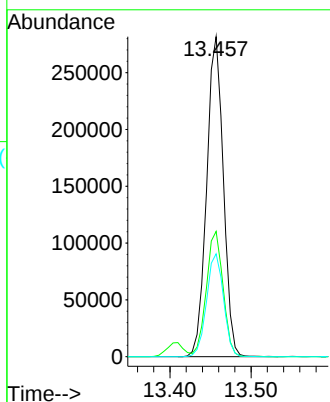
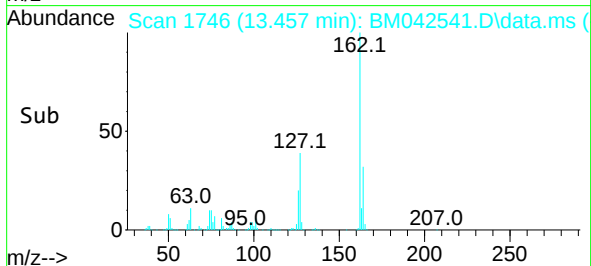
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



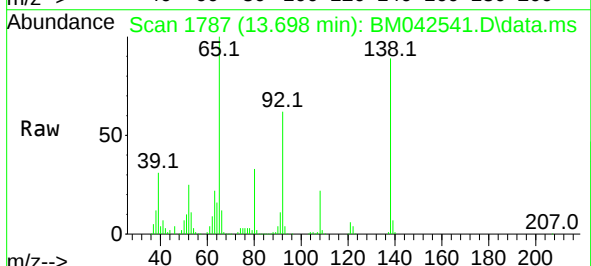
Tgt Ion:162 Resp: 40160  
Ion Ratio Lower Upper  
162 100  
127 39.1 31.1 46.7  
164 32.1 26.2 39.4

Manual Integrations  
APPROVED

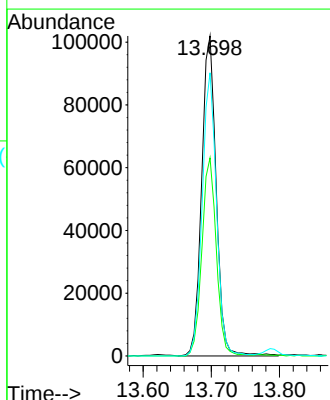
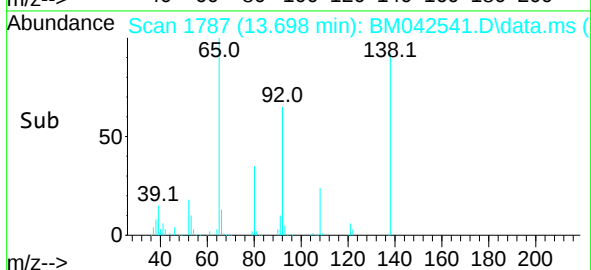
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

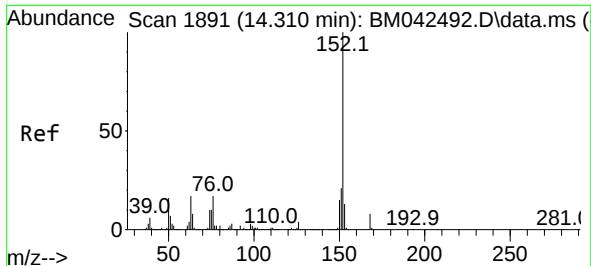


#48  
2-Nitroaniline  
Concen: 47.956 ng  
RT: 13.698 min Scan# 1787  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



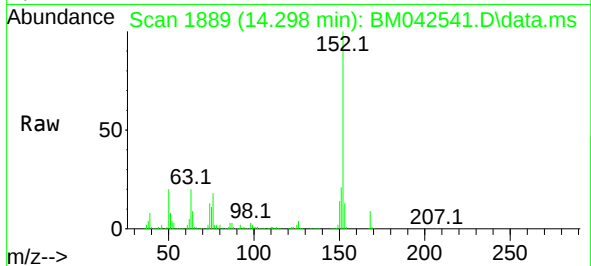
Tgt Ion: 65 Resp: 151652  
Ion Ratio Lower Upper  
65 100  
92 61.9 49.4 74.2  
138 88.5 66.9 100.3





#49  
Acenaphthylene  
Concen: 52.651 ng  
RT: 14.298 min Scan# 1889  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

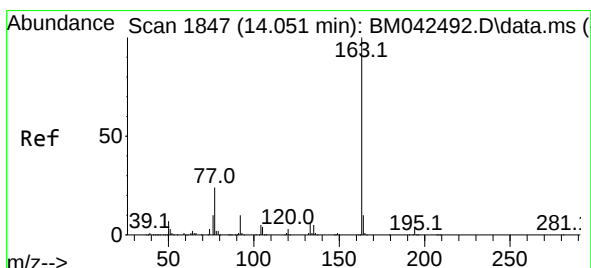
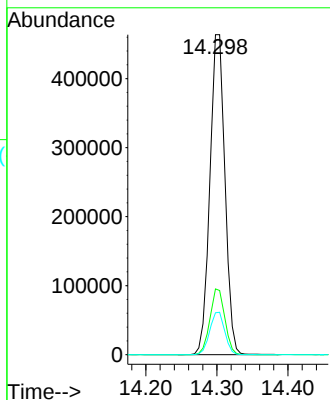
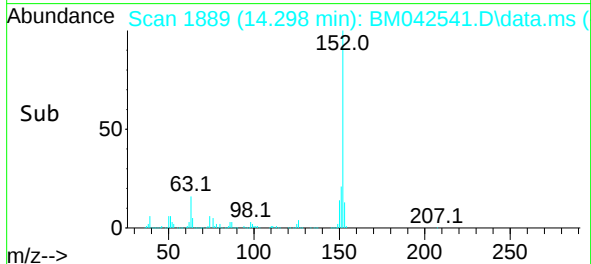
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



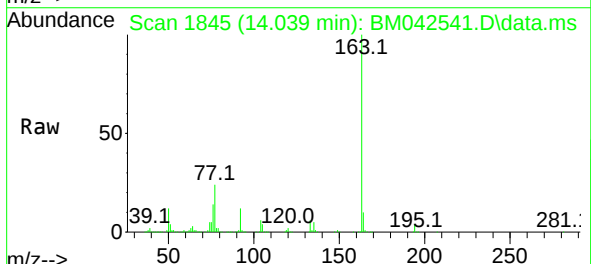
Tgt Ion:152 Resp: 68372  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.1 10.4 15.6

Manual Integrations  
APPROVED

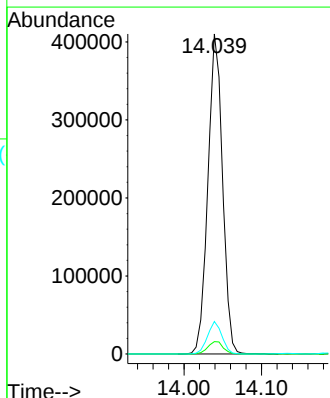
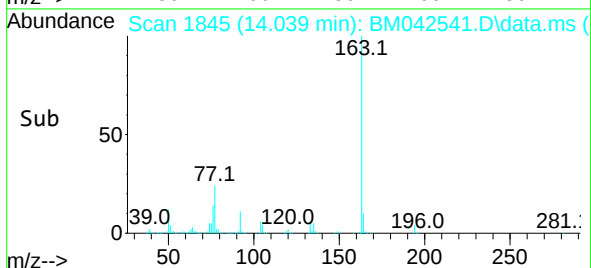
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

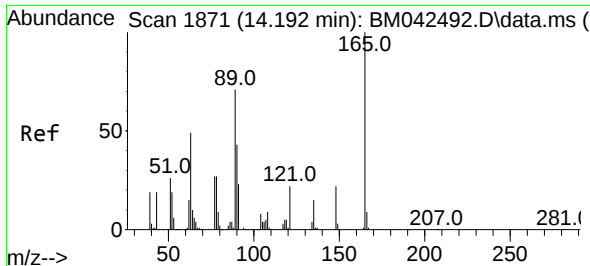


#50  
Dimethylphthalate  
Concen: 51.414 ng  
RT: 14.039 min Scan# 1845  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



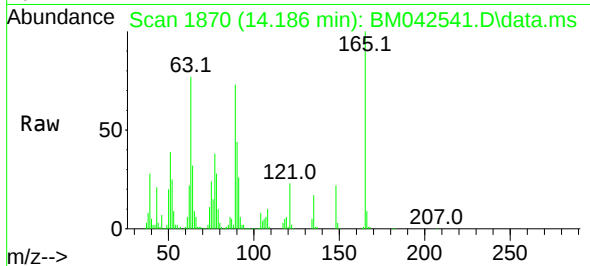
Tgt Ion:163 Resp: 537309  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.1 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 52.243 ng  
RT: 14.186 min Scan# 1871  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

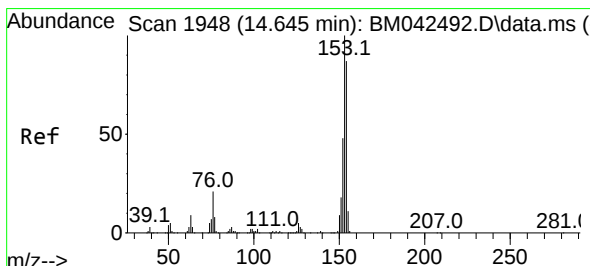
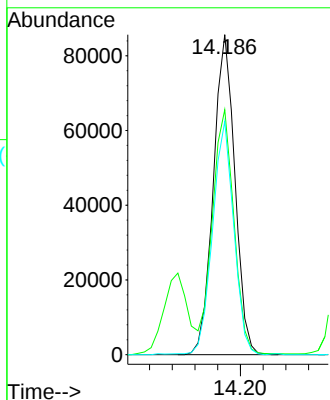
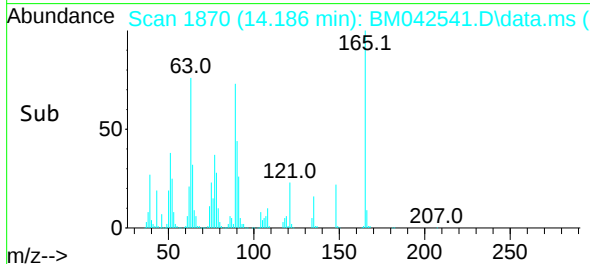
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:165 Resp: 11252  
Ion Ratio Lower Upper  
165 100  
63 76.5 59.4 89.0  
89 72.9 57.0 85.6

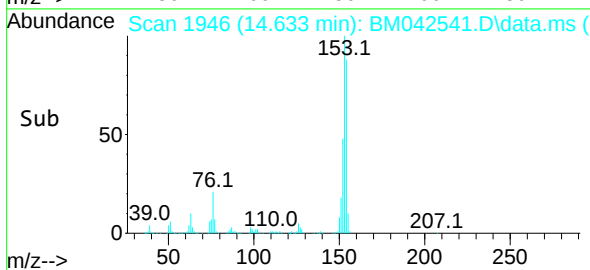
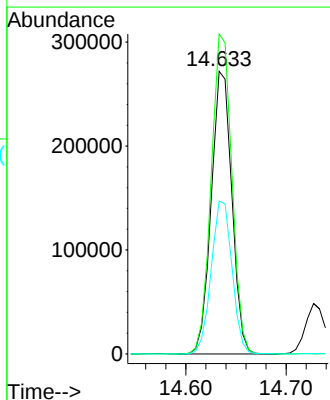
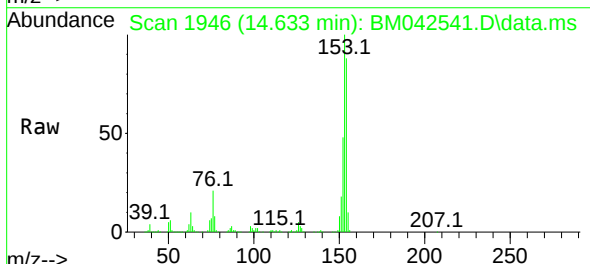
Manual Integrations  
APPROVED

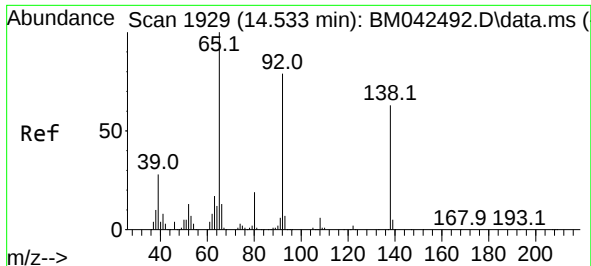
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#52  
Acenaphthene  
Concen: 49.111 ng  
RT: 14.633 min Scan# 1946  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:154 Resp: 387057  
Ion Ratio Lower Upper  
154 100  
153 113.2 92.0 138.0  
152 54.1 44.0 66.0





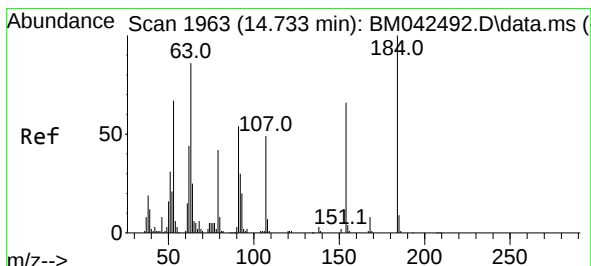
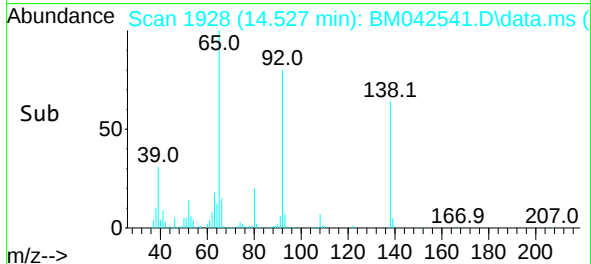
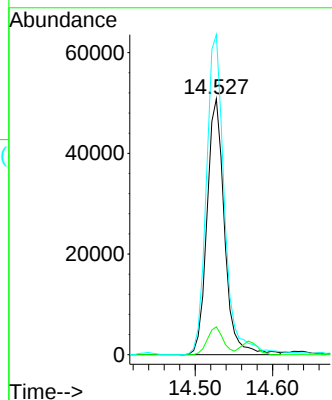
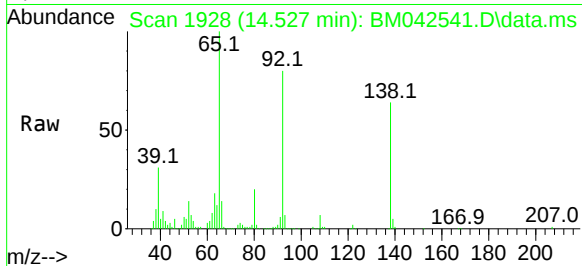
#53  
3-Nitroaniline  
Concen: 34.382 ng  
RT: 14.527 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion:138 Resp: 79764  
Ion Ratio Lower Upper  
138 100  
108 10.9 7.9 11.9  
92 125.1 100.7 151.1

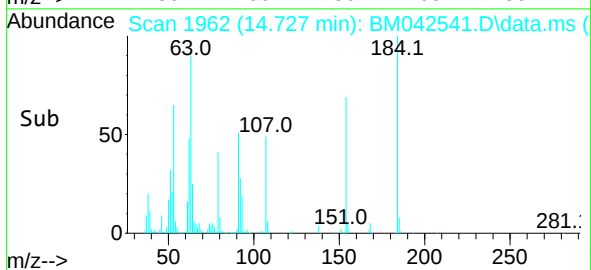
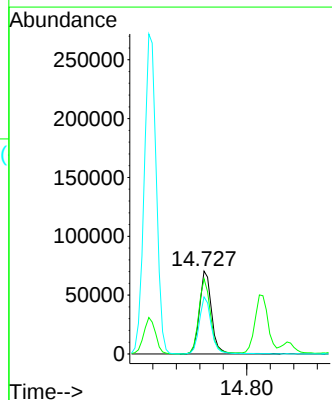
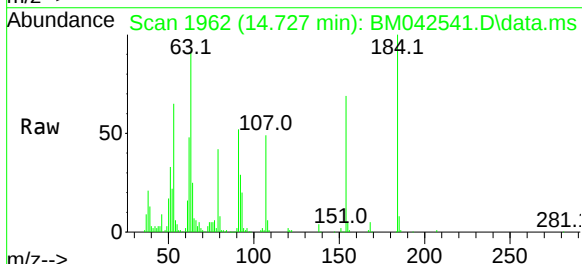
Manual Integrations  
APPROVED

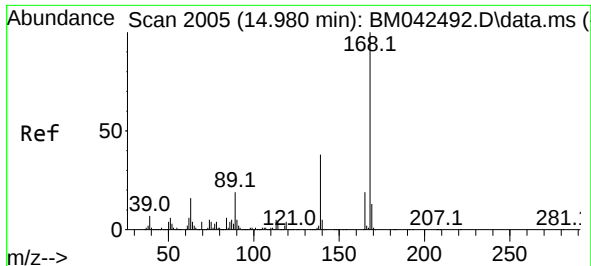
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#54  
2,4-Dinitrophenol  
Concen: 67.164 ng  
RT: 14.727 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

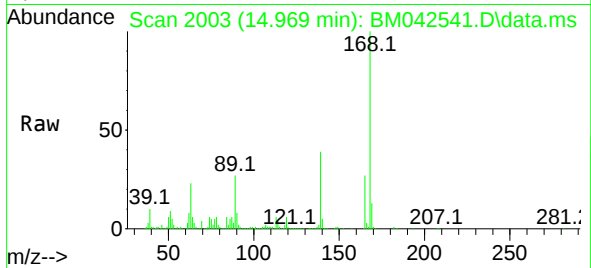
Tgt Ion:184 Resp: 100546  
Ion Ratio Lower Upper  
184 100  
63 90.9 69.2 103.8  
154 68.9 53.2 79.8





#55  
Dibenzofuran  
Concen: 50.728 ng  
RT: 14.969 min Scan# 2005  
Delta R.T. -0.011 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

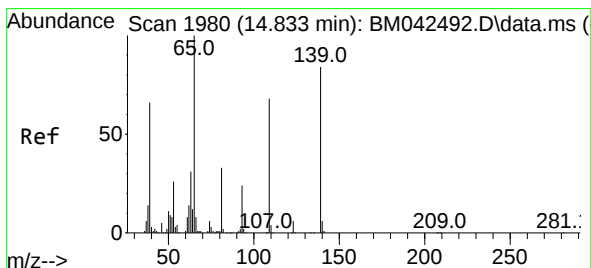
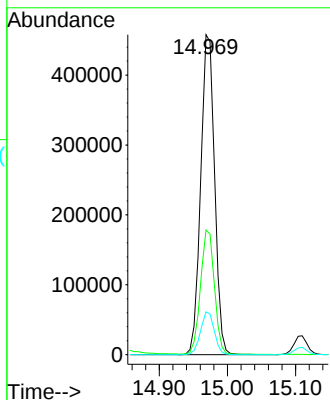
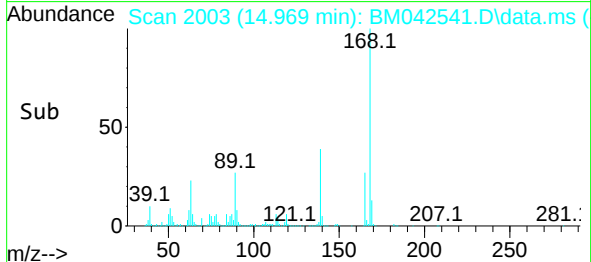
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



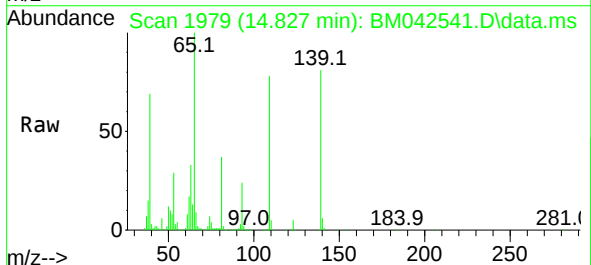
Tgt Ion:168 Resp: 650035  
Ion Ratio Lower Upper  
168 100  
139 39.0 30.4 45.6  
169 13.4 10.6 15.8

Manual Integrations  
APPROVED

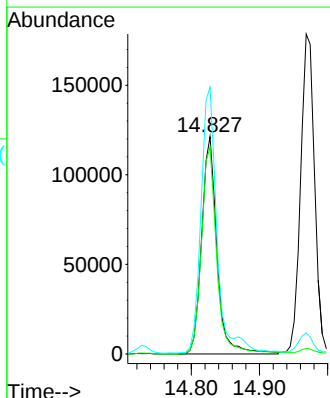
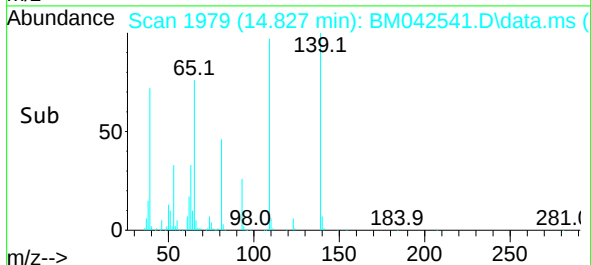
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

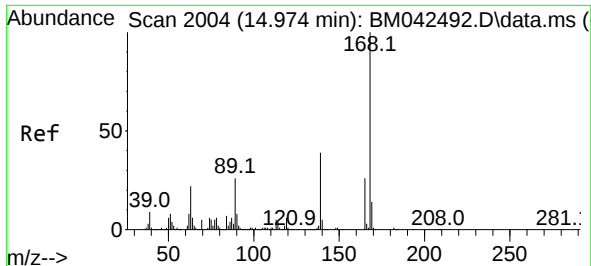


#56  
4-Nitrophenol  
Concen: 95.645 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



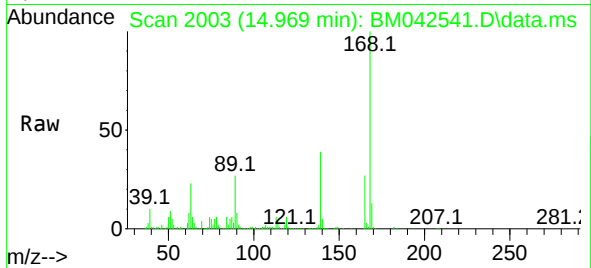
Tgt Ion:139 Resp: 190107  
Ion Ratio Lower Upper  
139 100  
109 95.2 61.3 101.3  
65 122.8 100.2 140.2





#57  
2,4-Dinitrotoluene  
Concen: 49.303 ng  
RT: 14.969 min Scan# 2004  
Delta R.T. -0.005 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

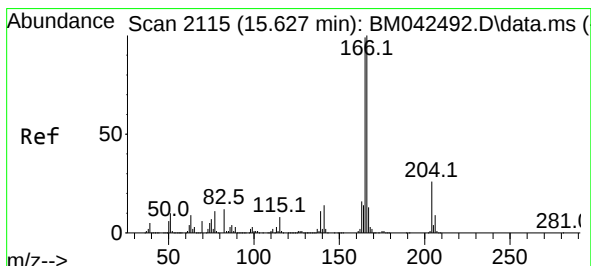
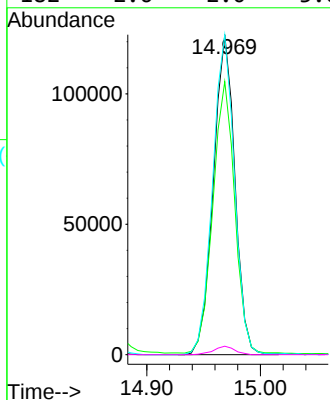
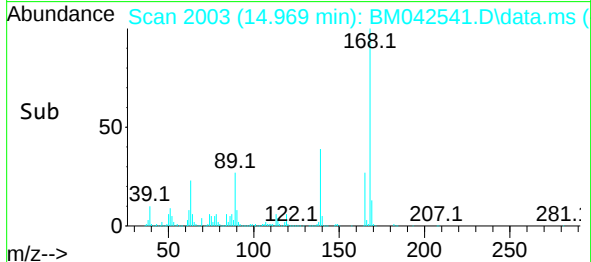
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



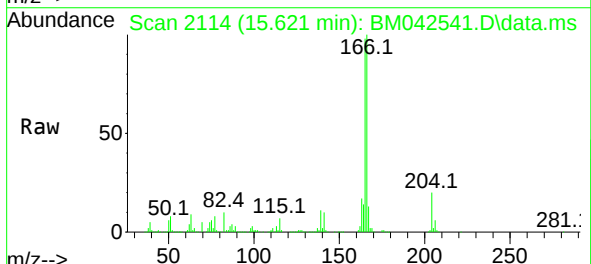
Tgt Ion:165 Resp: 161300  
Ion Ratio Lower Upper  
165 100  
63 85.4 66.7 100.1  
89 99.9 80.2 120.4  
182 2.6 2.0 3.0

Manual Integrations  
APPROVED

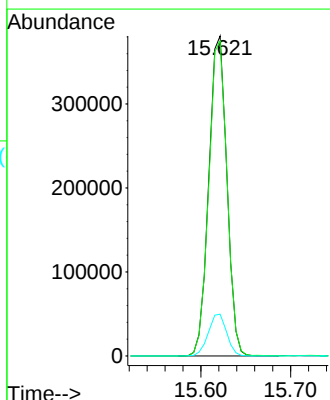
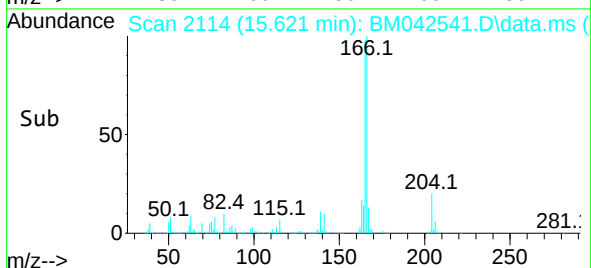
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

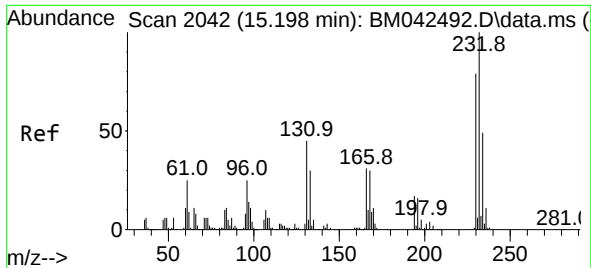


#58  
Fluorene  
Concen: 51.405 ng  
RT: 15.621 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



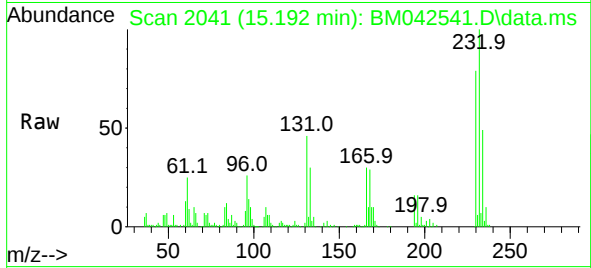
Tgt Ion:166 Resp: 532959  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.3 118.9  
167 13.1 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 56.183 ng  
RT: 15.192 min Scan# 2042  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

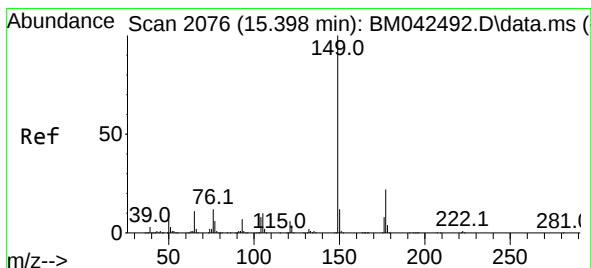
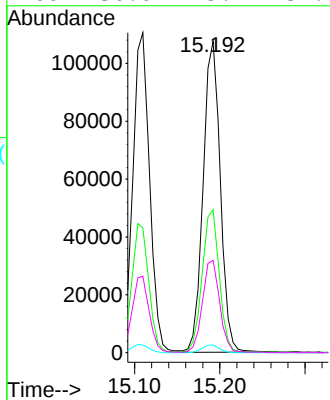
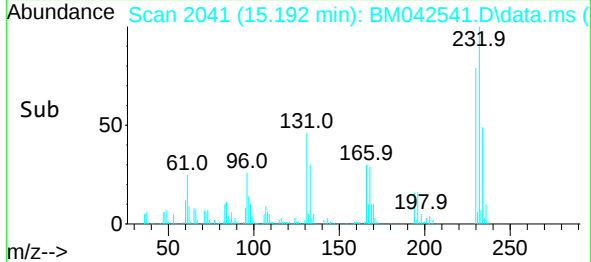
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



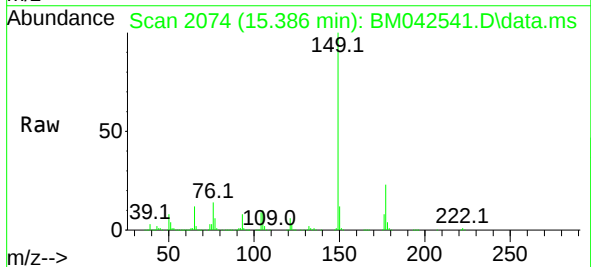
Tgt Ion:232 Resp: 150661  
Ion Ratio Lower Upper  
232 100  
131 46.3 37.2 55.8  
130 2.5 2.1 3.1  
166 30.0 25.1 37.7

Manual Integrations  
APPROVED

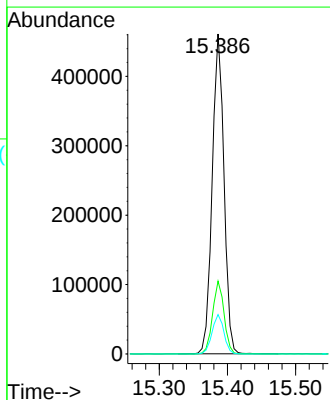
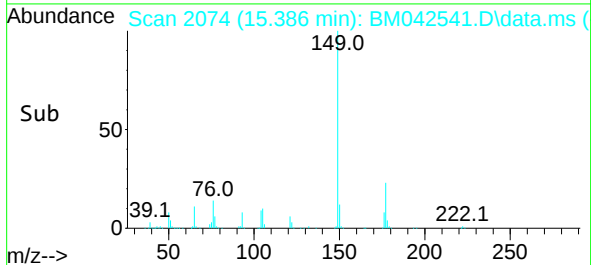
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

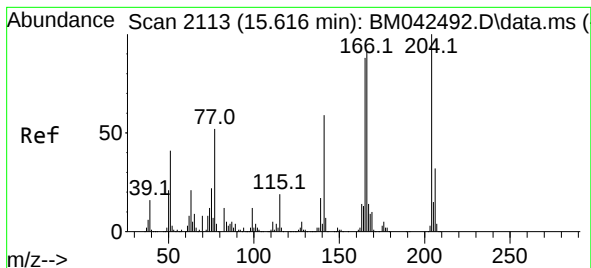


#60  
Diethylphthalate  
Concen: 52.231 ng  
RT: 15.386 min Scan# 2074  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



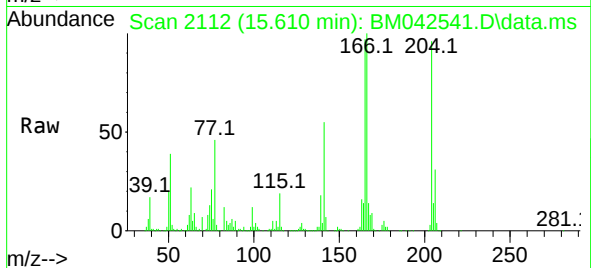
Tgt Ion:149 Resp: 553001  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.8 26.6  
150 12.3 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 52.256 ng  
RT: 15.610 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

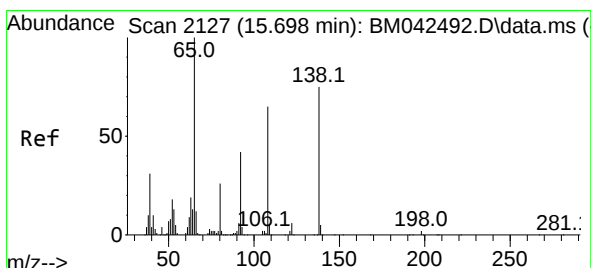
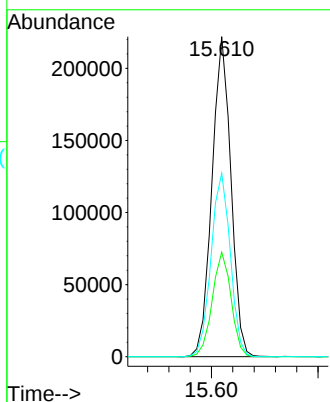
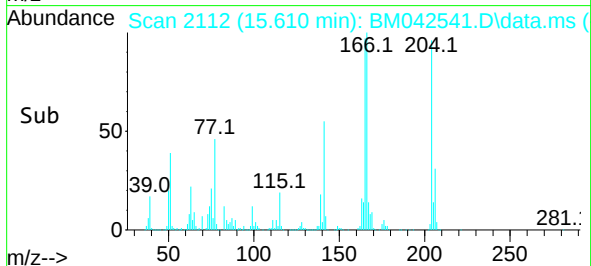
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



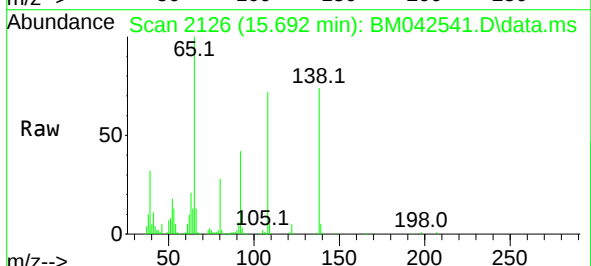
Tgt Ion:204 Resp: 273709  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 57.3 46.8 70.2

Manual Integrations  
APPROVED

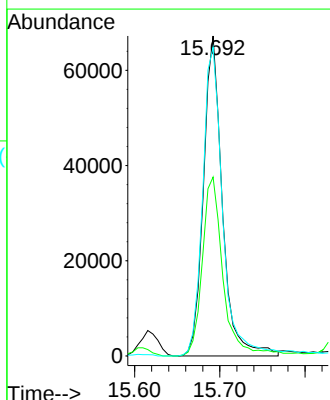
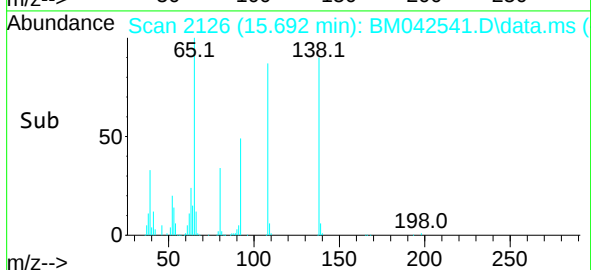
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

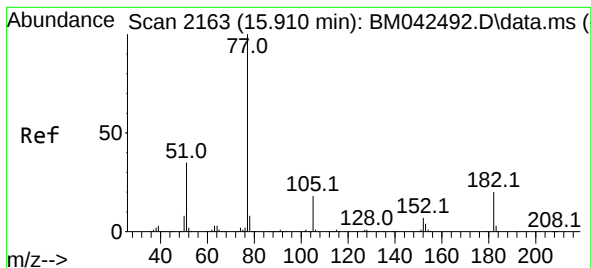


#62  
4-Nitroaniline  
Concen: 48.211 ng  
RT: 15.692 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



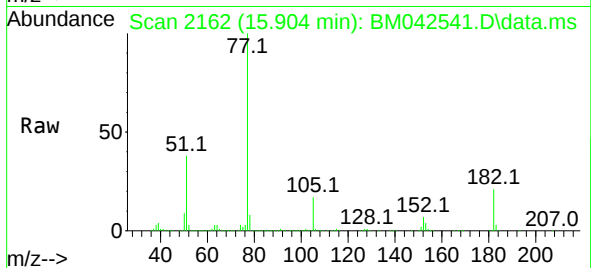
Tgt Ion:138 Resp: 104068  
Ion Ratio Lower Upper  
138 100  
92 55.9 37.0 77.0  
108 96.5 67.2 107.2





#63  
Azobenzene  
Concen: 52.787 ng  
RT: 15.904 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

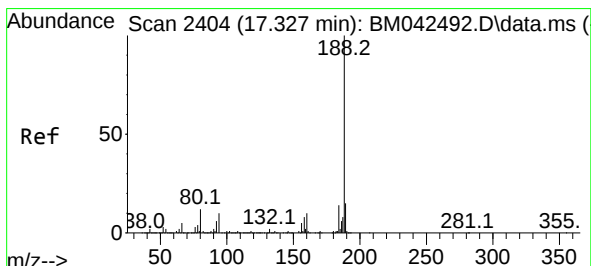
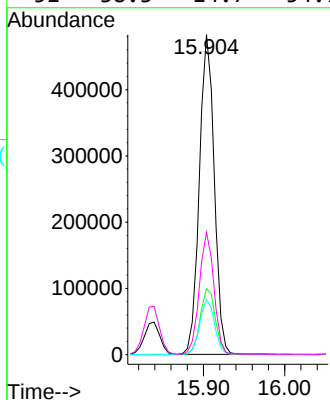
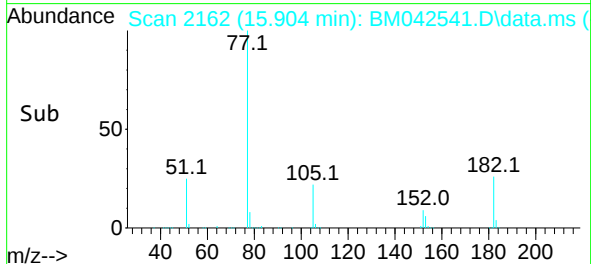
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion: 77 Resp: 61586  
Ion Ratio Lower Upper  
77 100  
182 20.6 0.0 40.0  
105 17.2 0.0 37.9  
51 38.3 14.7 54.7

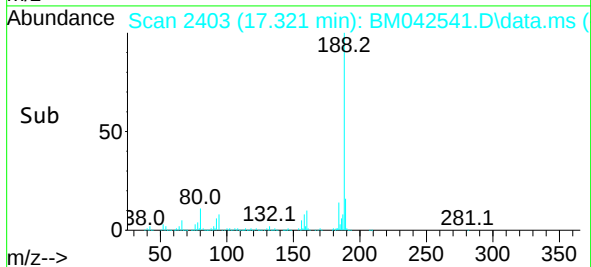
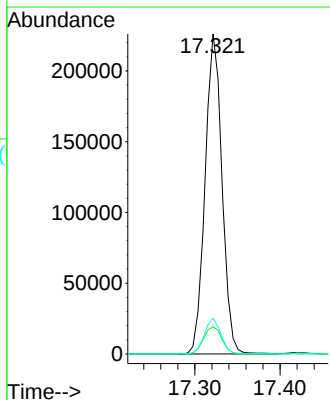
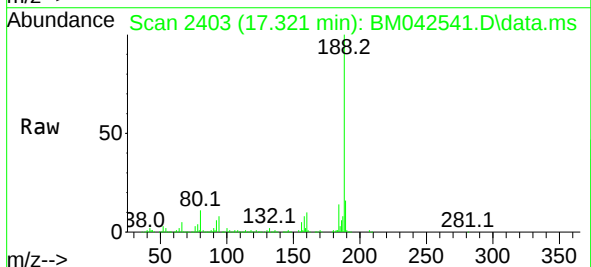
Manual Integrations  
APPROVED

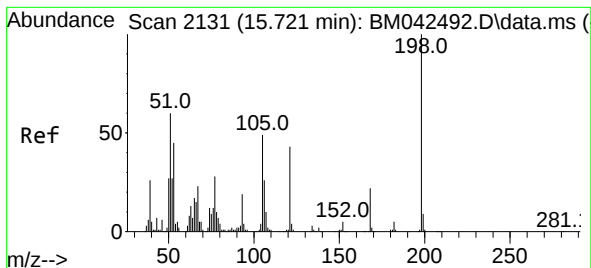
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.321 min Scan# 2403  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

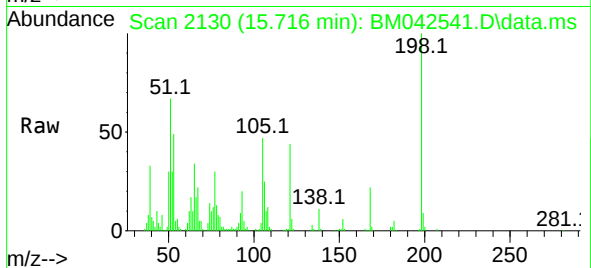
Tgt Ion:188 Resp: 311461  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.2 12.4  
80 11.1 9.4 14.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.375 ng  
RT: 15.716 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

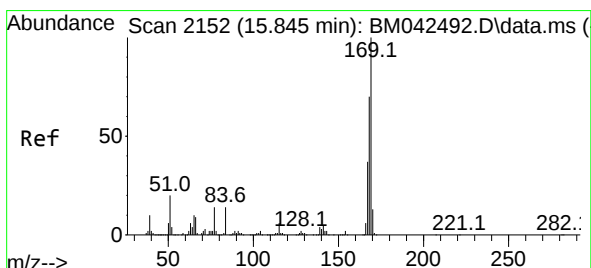
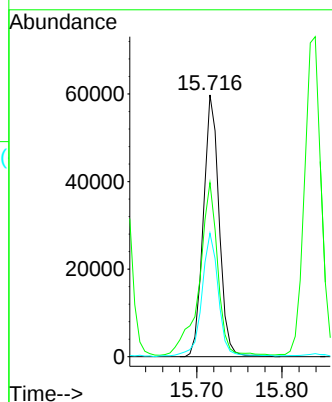
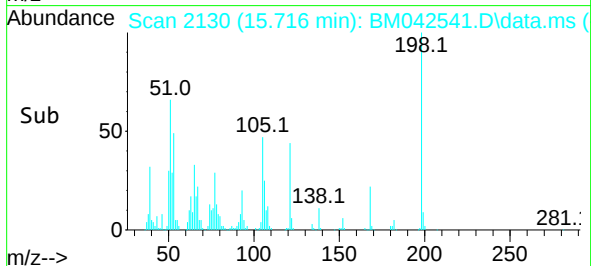
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



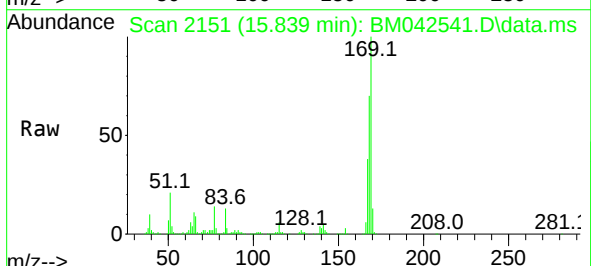
Tgt Ion:198 Resp: 76449  
Ion Ratio Lower Upper  
198 100  
51 66.6 42.4 82.4  
105 47.2 29.2 69.2

Manual Integrations  
APPROVED

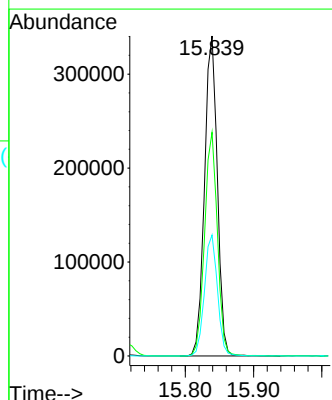
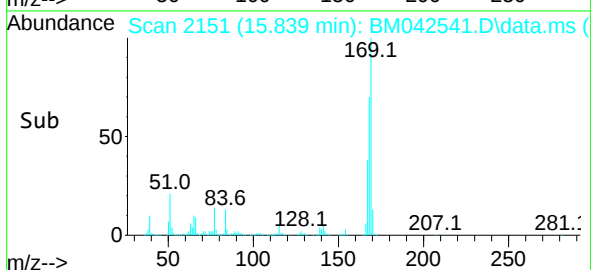
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

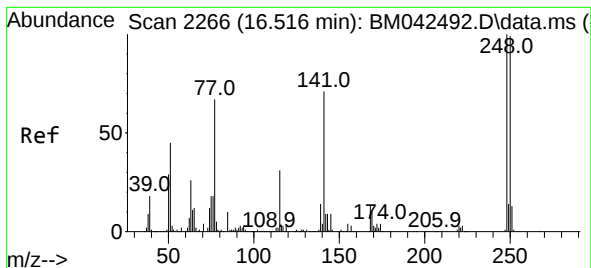


#66  
n-Nitrosodiphenylamine  
Concen: 50.827 ng  
RT: 15.839 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



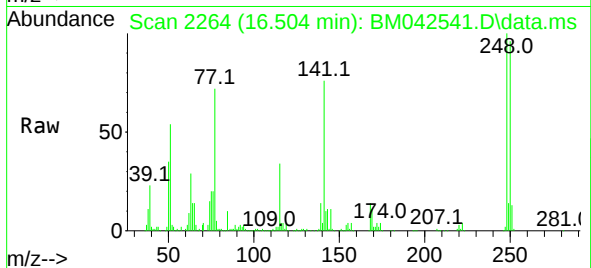
Tgt Ion:169 Resp: 446365  
Ion Ratio Lower Upper  
169 100  
168 69.9 55.9 83.9  
167 37.8 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 53.718 ng  
RT: 16.504 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

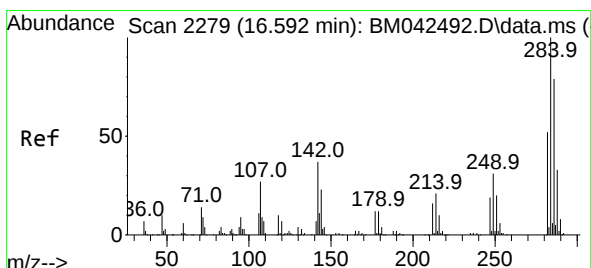
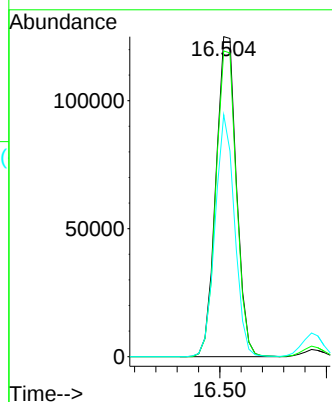
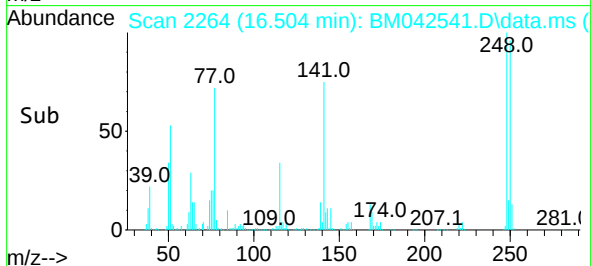
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



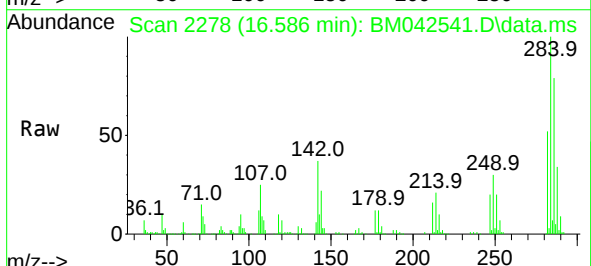
Tgt Ion:248 Resp: 167300  
Ion Ratio Lower Upper  
248 100  
250 95.6 79.4 119.0  
141 75.6 57.0 85.6

Manual Integrations  
APPROVED

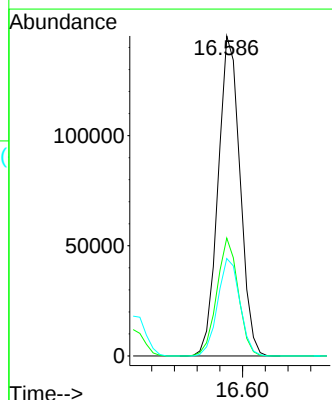
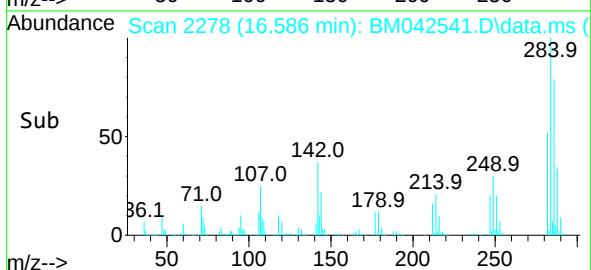
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

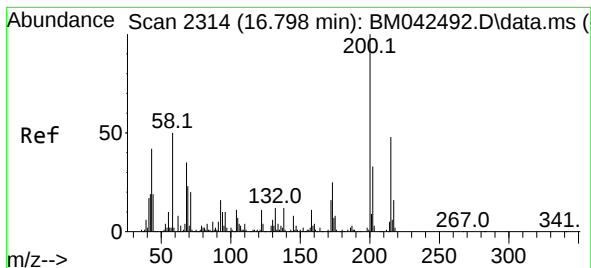


#68  
Hexachlorobenzene  
Concen: 56.546 ng  
RT: 16.586 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



Tgt Ion:284 Resp: 194827  
Ion Ratio Lower Upper  
284 100  
142 36.8 29.8 44.6  
249 30.4 25.1 37.7





#69

Atrazine

Concen: 70.102 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:200 Resp: 177890

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

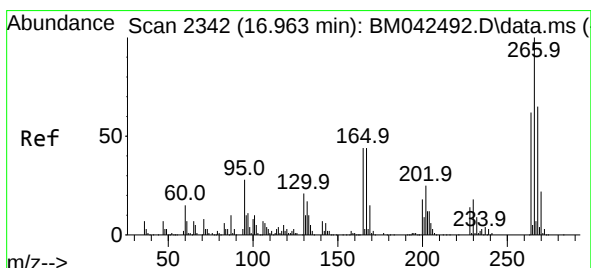
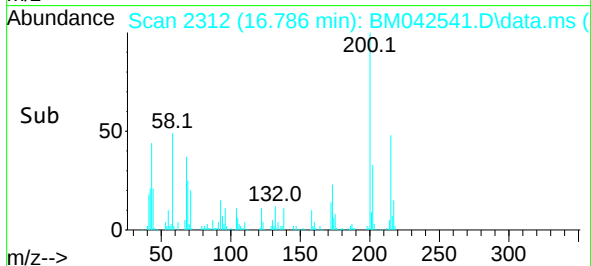
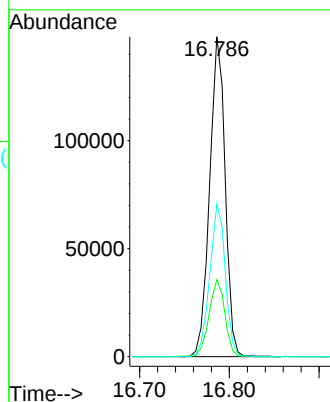
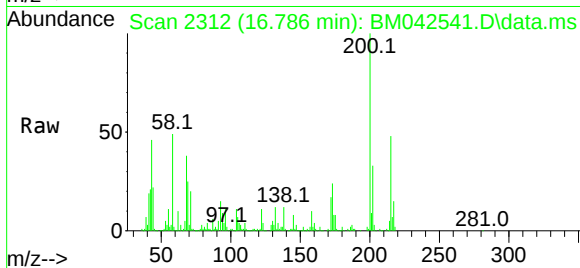
215 47.6 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#70

Pentachlorophenol

Concen: 112.578 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

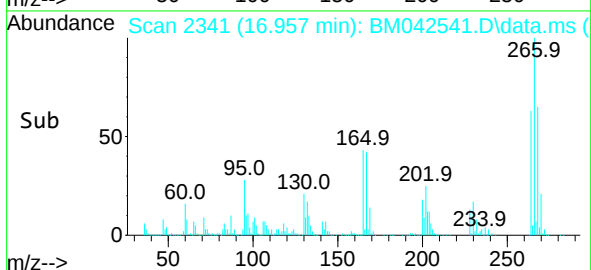
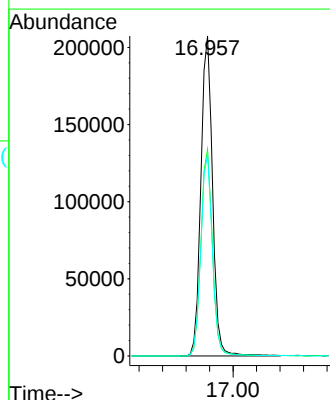
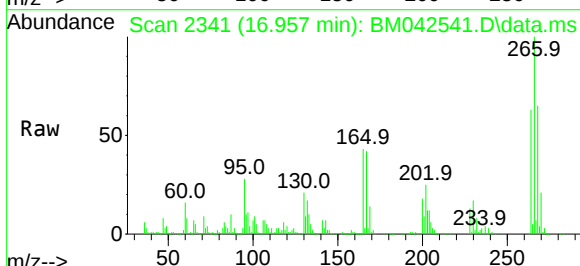
Tgt Ion:266 Resp: 285162

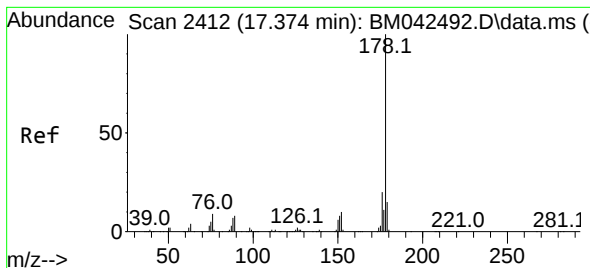
Ion Ratio Lower Upper

266 100

268 64.5 51.7 77.5

264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 51.769 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:178 Resp: 84262

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

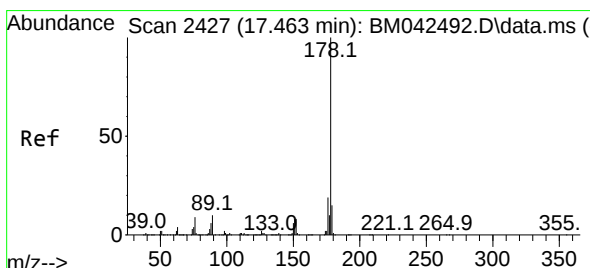
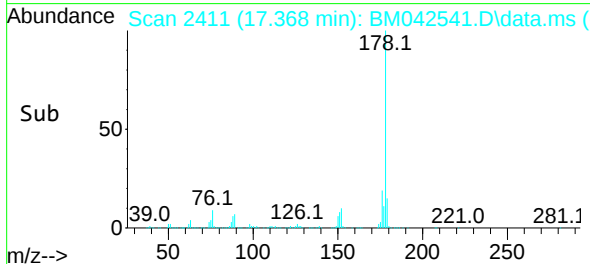
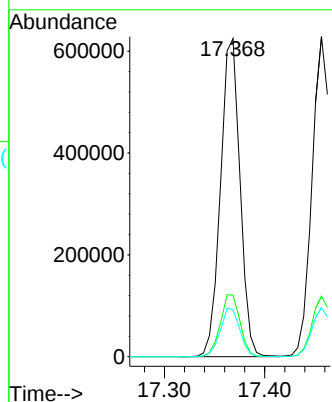
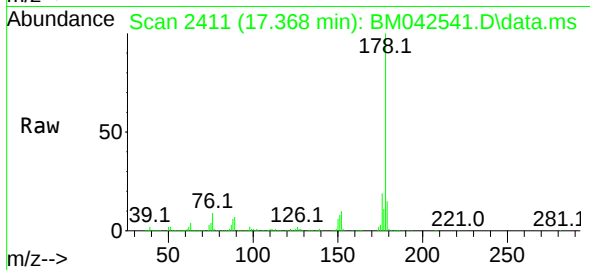
179 14.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#72

Anthracene

Concen: 52.671 ng

RT: 17.457 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

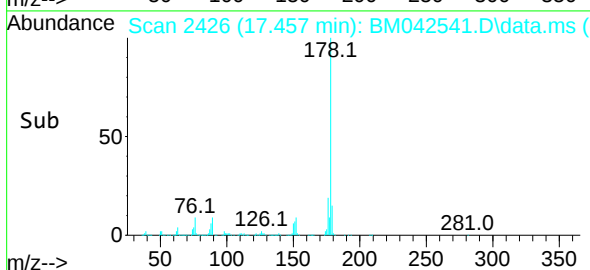
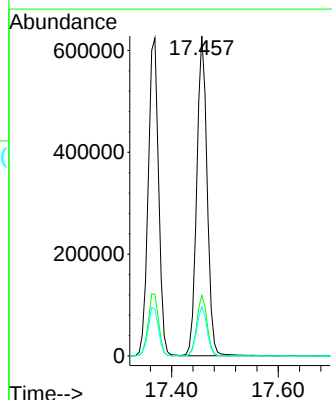
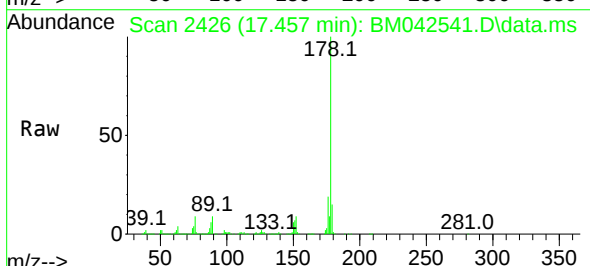
Tgt Ion:178 Resp: 849149

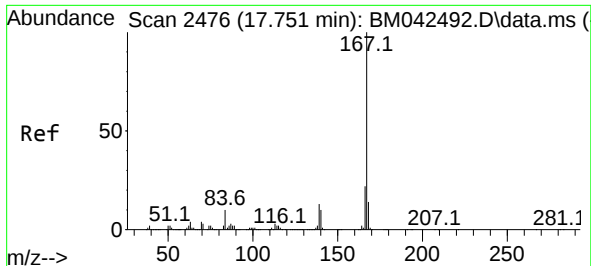
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

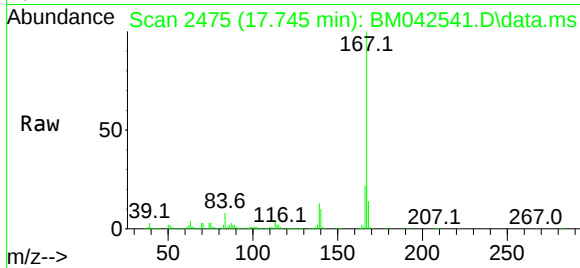
179 15.3 12.3 18.5





#73  
 Carbazole  
 Concen: 59.892 ng  
 RT: 17.745 min Scan# 2476  
 Delta R.T. -0.006 min  
 Lab File: BM042541.D  
 Acq: 01 Nov 2023 16:00

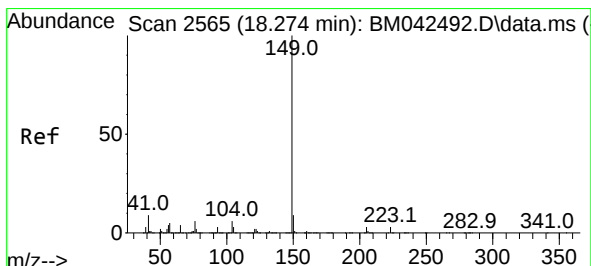
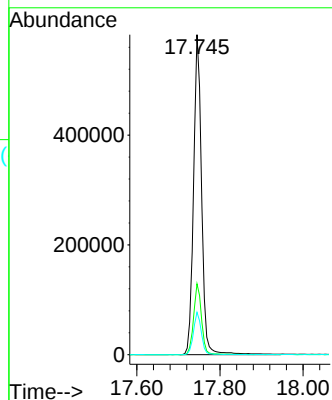
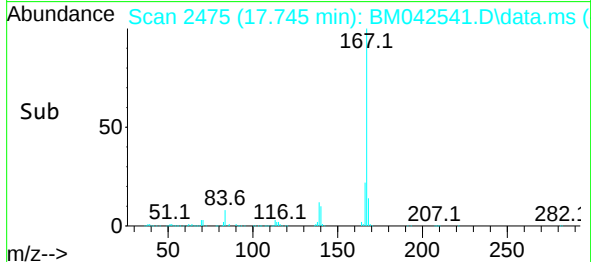
Instrument :  
 BNA\_M  
 ClientSampleId :  
 348MS



Tgt Ion:167 Resp: 785514  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.4 26.2  
 139 13.2 10.5 15.7

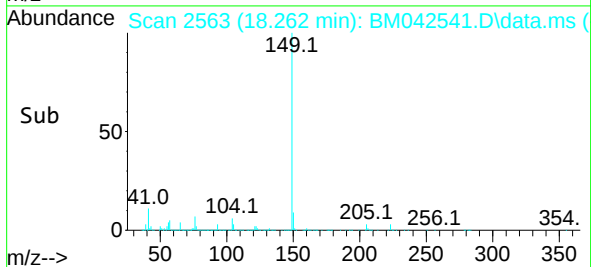
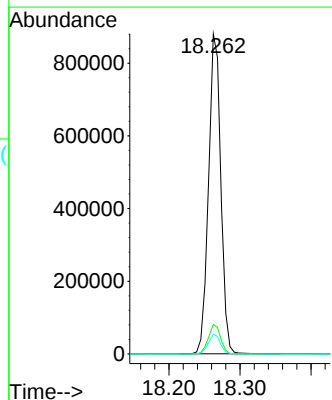
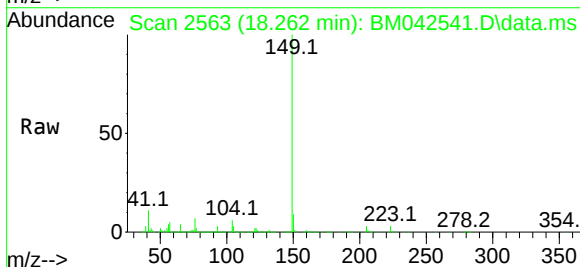
Manual Integrations  
 APPROVED

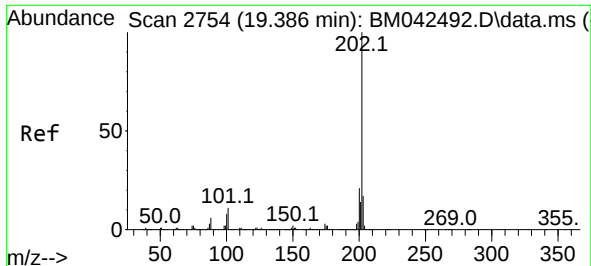
Reviewed By :Yogesh Patel 11/02/2023  
 Supervised By :mohammad ahmed 11/02/2023



#74  
 Di-n-butylphthalate  
 Concen: 57.469 ng  
 RT: 18.262 min Scan# 2563  
 Delta R.T. -0.012 min  
 Lab File: BM042541.D  
 Acq: 01 Nov 2023 16:00

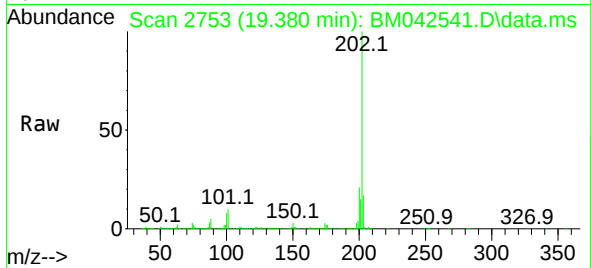
Tgt Ion:149 Resp: 1058455  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.0 10.6  
 104 6.2 4.6 6.8





#75  
Fluoranthene  
Concen: 54.882 ng  
RT: 19.380 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

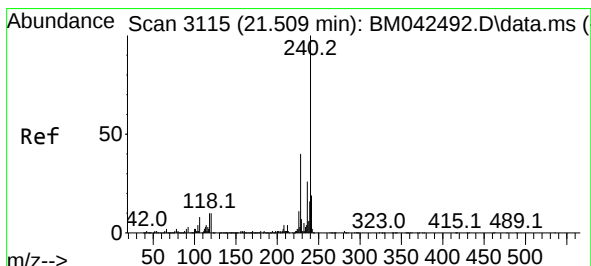
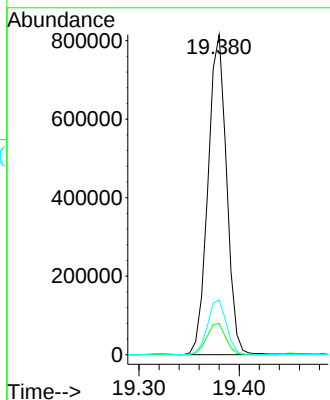
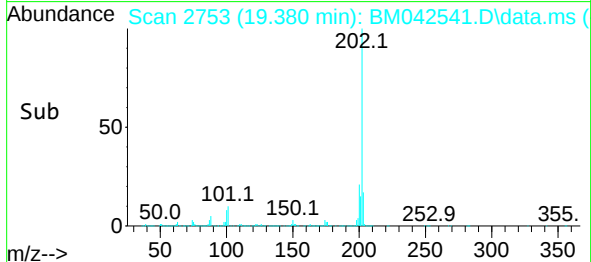
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:202 Resp: 104932  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 30.5  
203 17.1 0.0 37.0

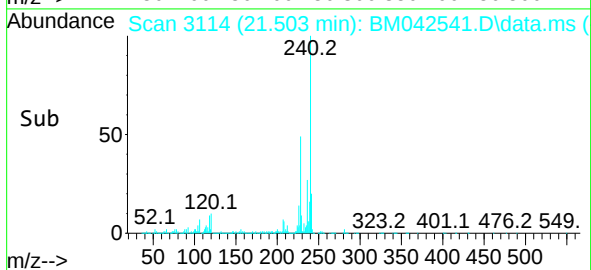
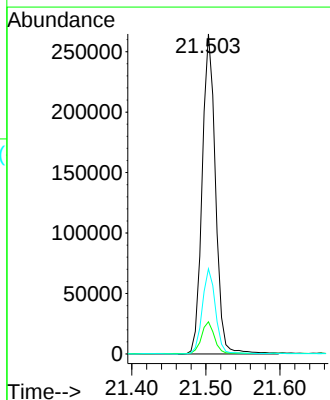
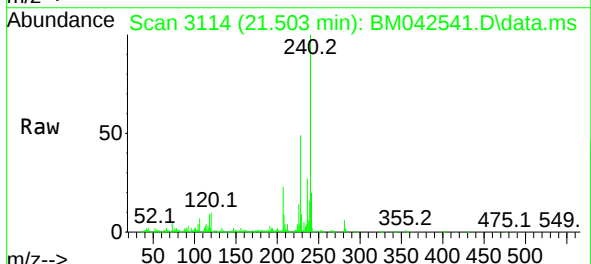
Manual Integrations  
APPROVED

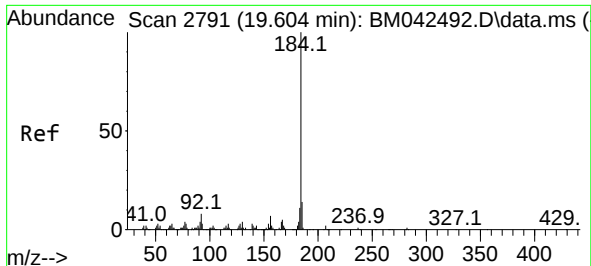
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.503 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

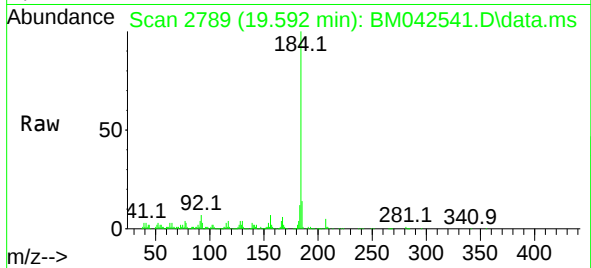
Tgt Ion:240 Resp: 332042  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.3 12.5  
236 26.6 20.8 31.2





#77  
Benzidine  
Concen: 91.331 ng  
RT: 19.592 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

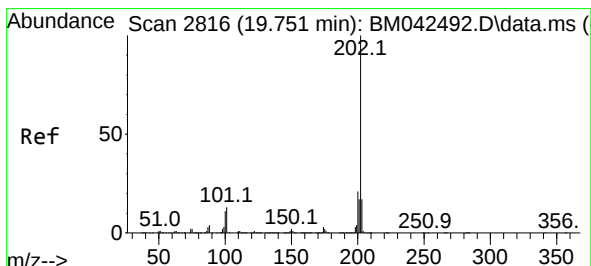
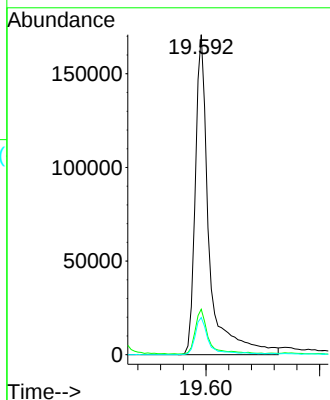
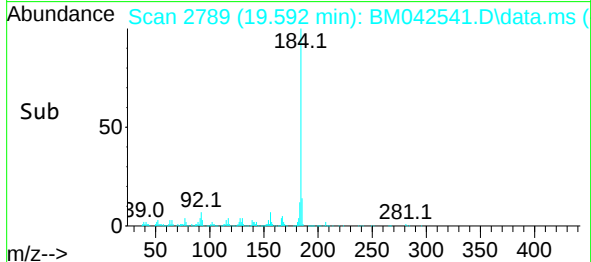
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



Tgt Ion:184 Resp: 290894  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.2 16.8  
183 11.6 9.0 13.4

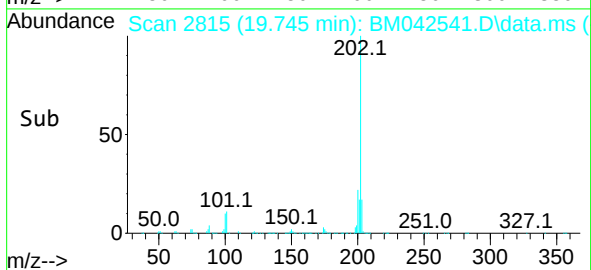
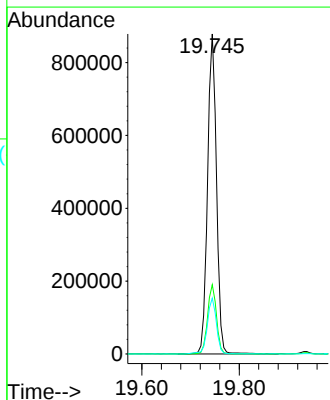
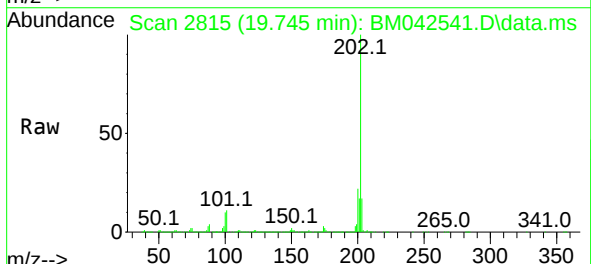
Manual Integrations  
APPROVED

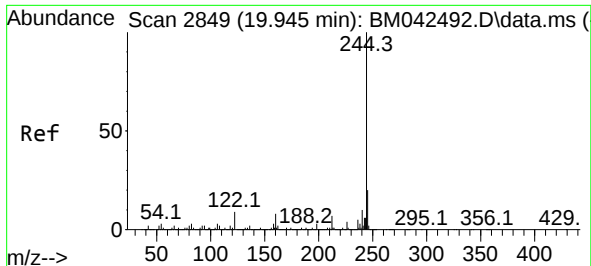
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#78  
Pyrene  
Concen: 48.692 ng  
RT: 19.745 min Scan# 2815  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

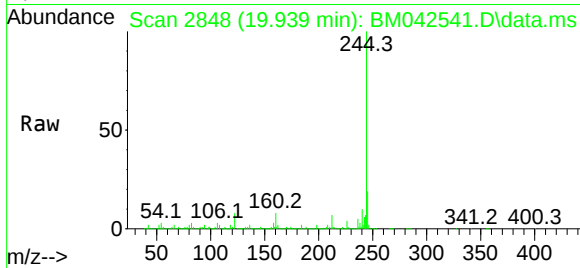
Tgt Ion:202 Resp: 1110187  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.9 25.3  
203 17.5 13.7 20.5





#79  
 Terphenyl-d14  
 Concen: 103.961 ng  
 RT: 19.939 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM042541.D  
 Acq: 01 Nov 2023 16:00

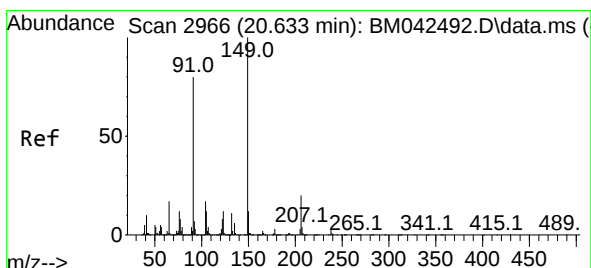
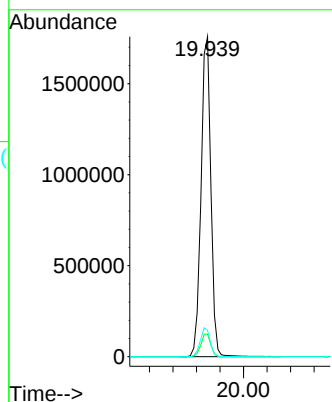
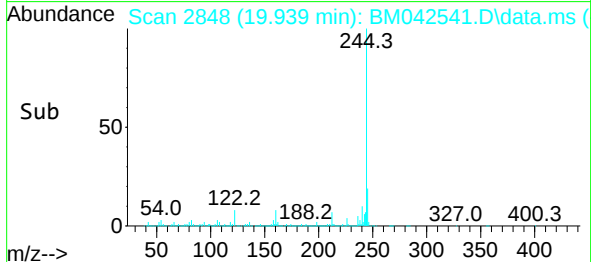
Instrument :  
 BNA\_M  
 ClientSampleId :  
 348MS



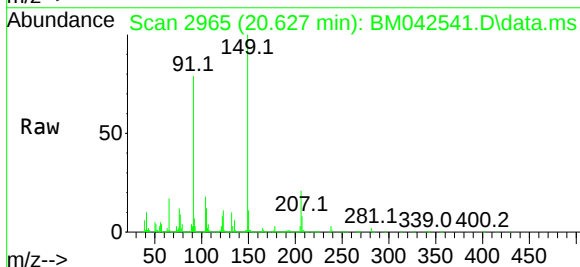
Tgt Ion:244 Resp: 2035814  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 8.2 7.2 10.8

Manual Integrations  
 APPROVED

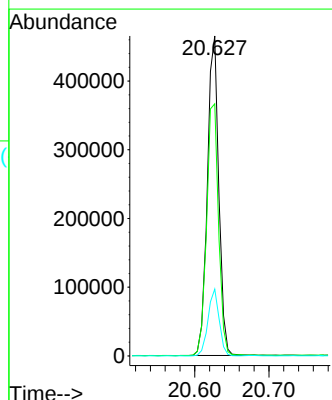
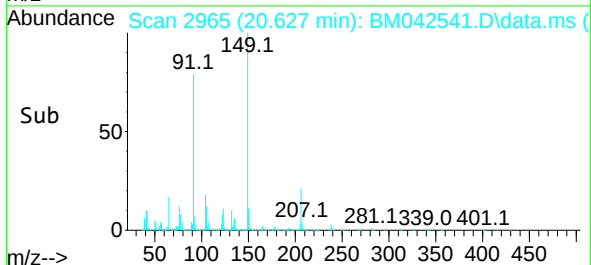
Reviewed By :Yogesh Patel 11/02/2023  
 Supervised By :mohammad ahmed 11/02/2023

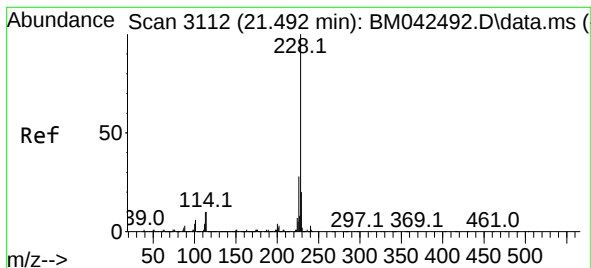


#80  
 Butylbenzylphthalate  
 Concen: 51.213 ng  
 RT: 20.627 min Scan# 2965  
 Delta R.T. -0.006 min  
 Lab File: BM042541.D  
 Acq: 01 Nov 2023 16:00



Tgt Ion:149 Resp: 498713  
 Ion Ratio Lower Upper  
 149 100  
 91 78.8 64.2 96.4  
 206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.520 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:228 Resp: 1130670

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

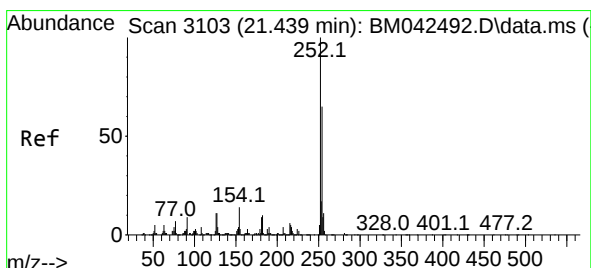
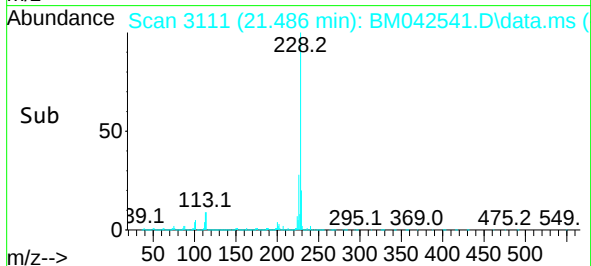
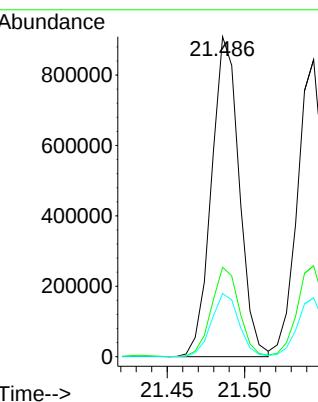
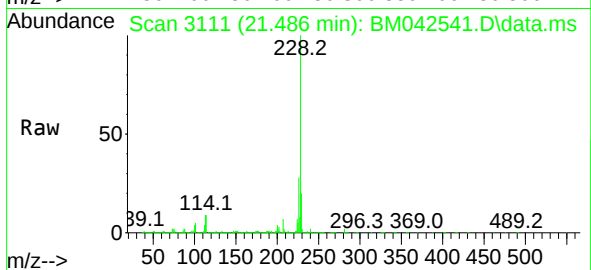
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.468 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

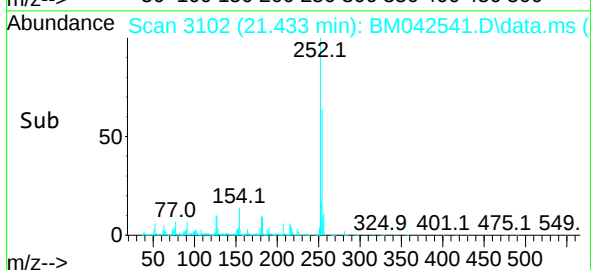
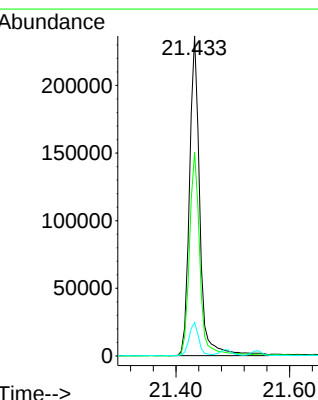
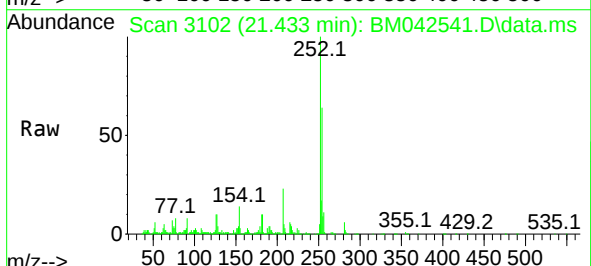
Tgt Ion:252 Resp: 298571

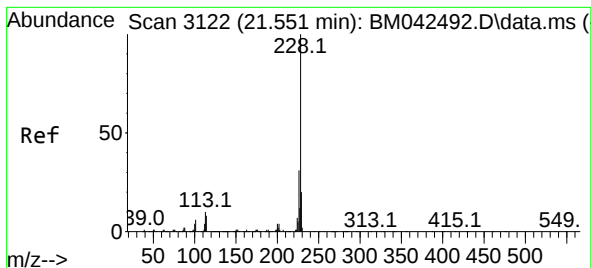
Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.4

126 10.5 8.9 13.3





#83

Chrysene

Concen: 49.526 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:228 Resp: 106283

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

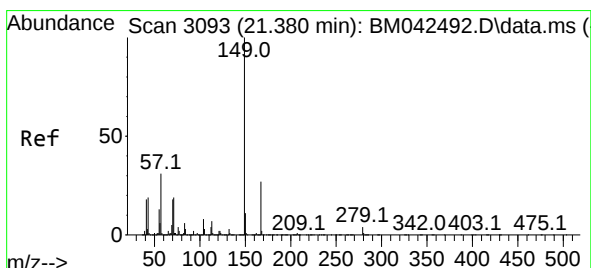
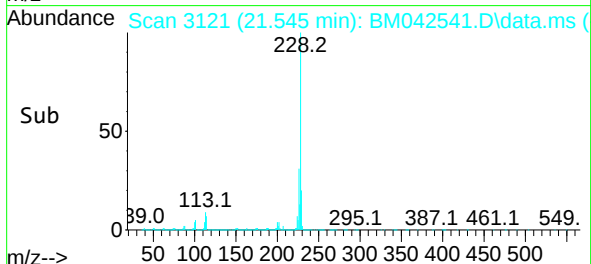
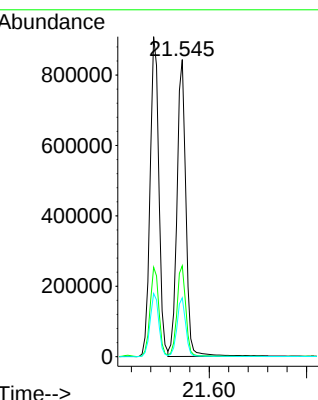
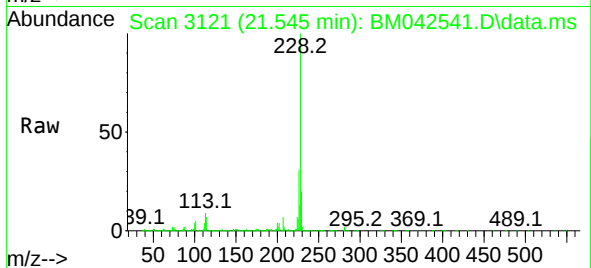
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.789 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

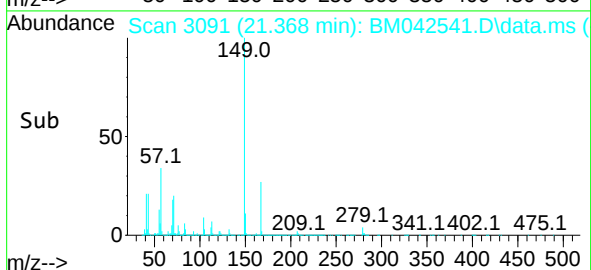
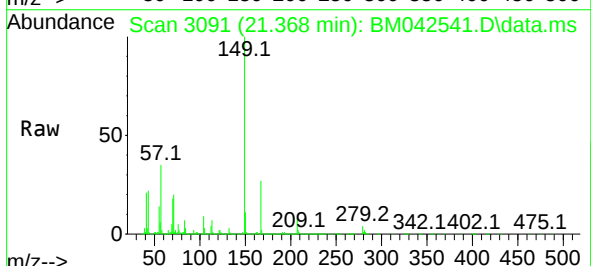
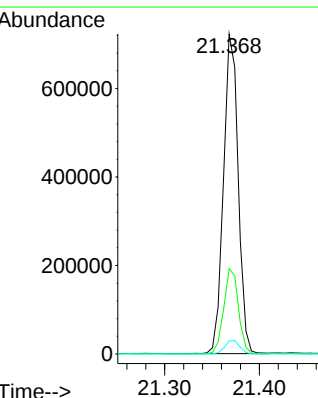
Tgt Ion:149 Resp: 776906

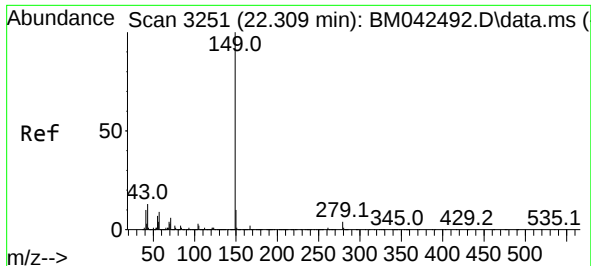
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

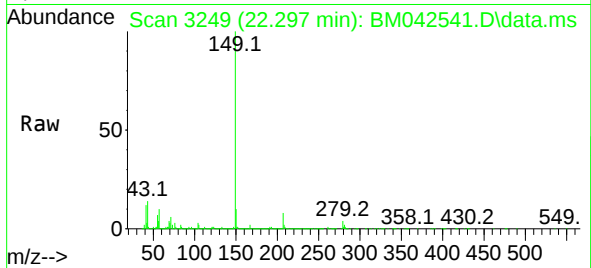
279 4.0 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 52.662 ng  
RT: 22.297 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

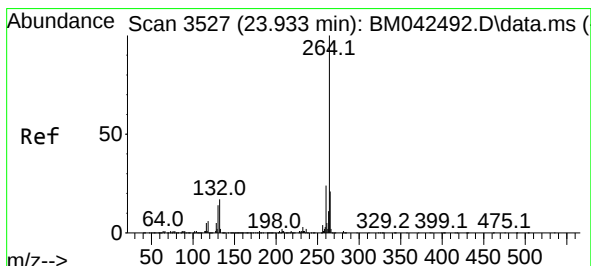
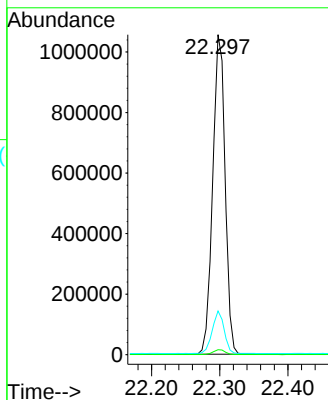
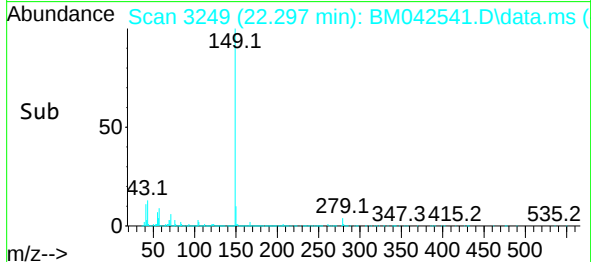
Instrument :  
BNA\_M  
ClientSampleId :  
348MS



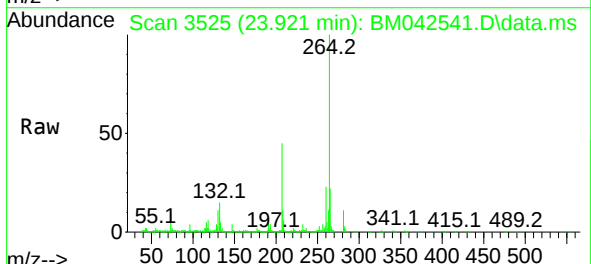
Tgt Ion:149 Resp: 1334050  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 13.0 10.2 15.2

Manual Integrations  
APPROVED

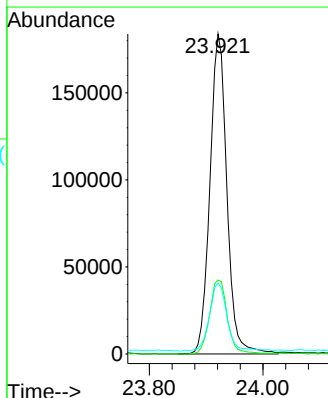
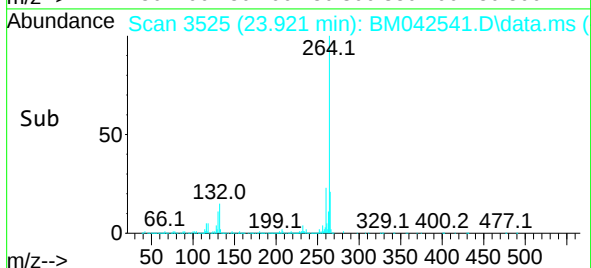
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023

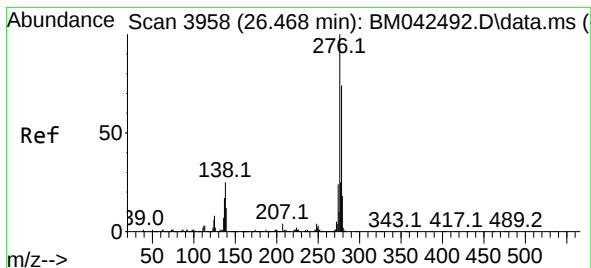


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.921 min Scan# 3525  
Delta R.T. -0.012 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00



Tgt Ion:264 Resp: 380515  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.0 28.4  
265 22.2 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.230 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:276 Resp: 129611

Ion Ratio Lower Upper

276 100

138 21.4 20.6 31.0

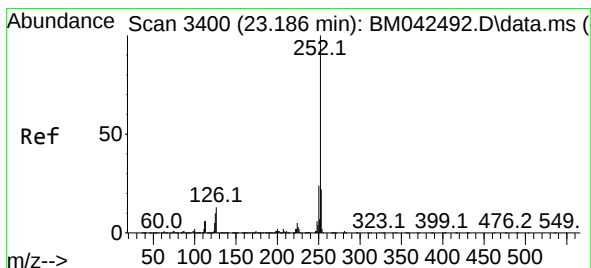
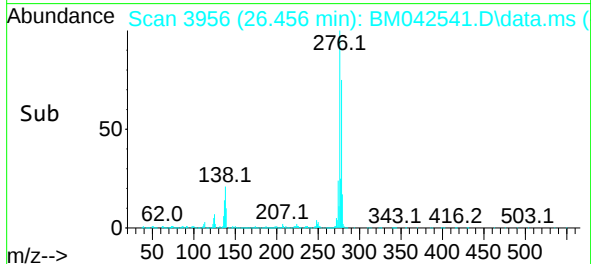
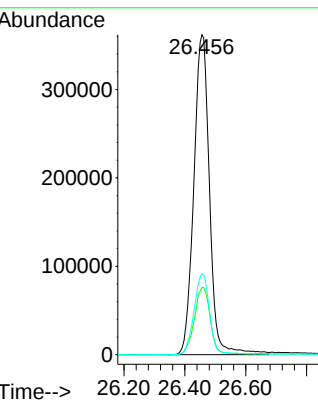
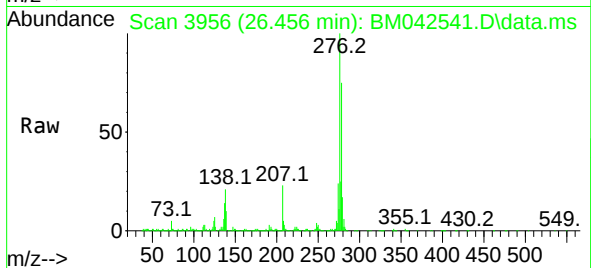
277 24.9 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#88

Benzo(b)fluoranthene

Concen: 54.716 ng

RT: 23.174 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

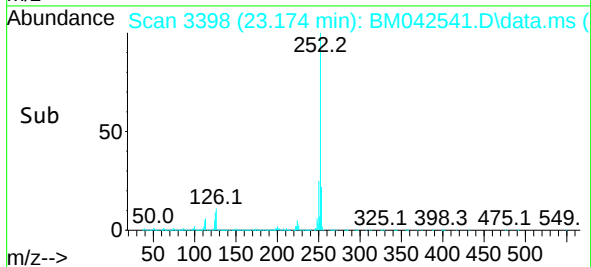
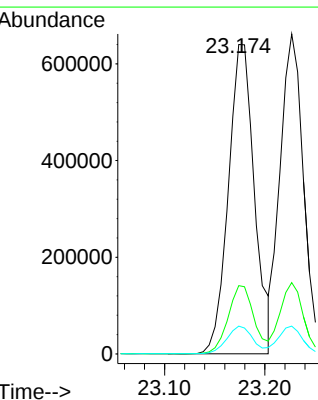
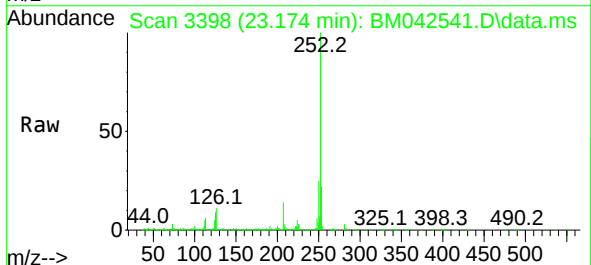
Tgt Ion:252 Resp: 1159938

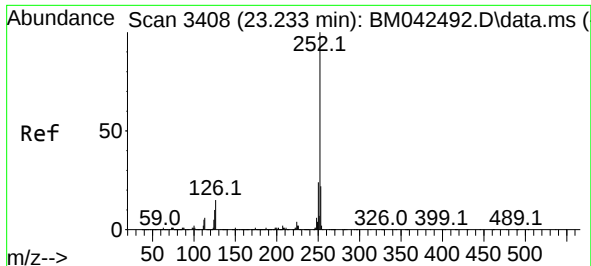
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.8 11.6





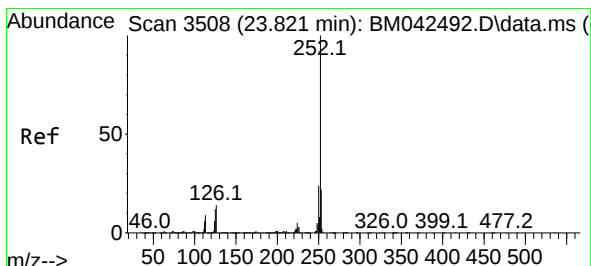
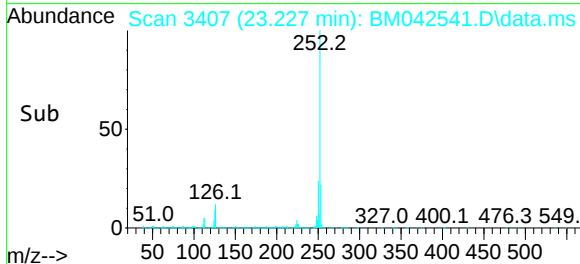
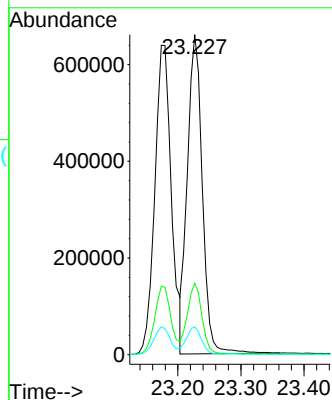
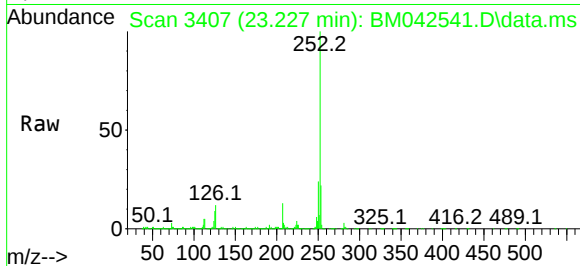
#89  
Benzo(k)fluoranthene  
Concen: 46.041 ng  
RT: 23.227 min Scan# 3408  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
348MS

Tgt Ion:252 Resp: 1087604  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 8.7 8.2 12.4

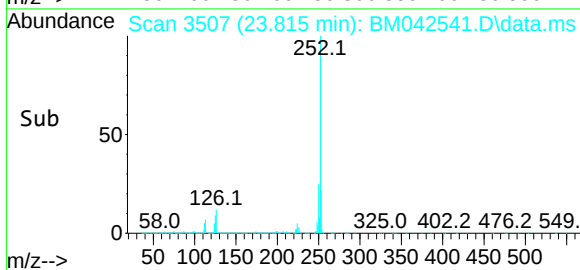
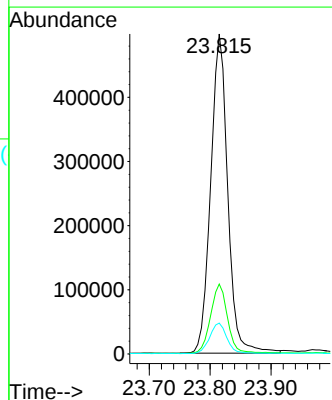
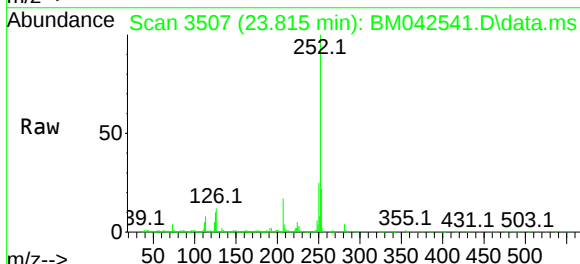
Manual Integrations  
APPROVED

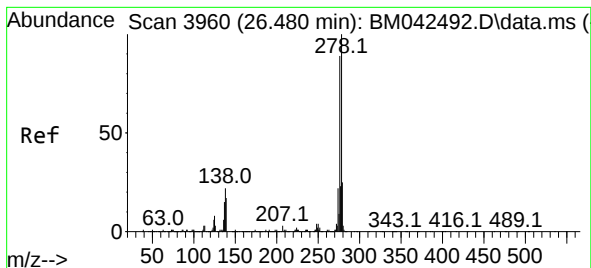
Reviewed By :Yogesh Patel 11/02/2023  
Supervised By :mohammad ahmed 11/02/2023



#90  
Benzo(a)pyrene  
Concen: 46.516 ng  
RT: 23.815 min Scan# 3507  
Delta R.T. -0.006 min  
Lab File: BM042541.D  
Acq: 01 Nov 2023 16:00

Tgt Ion:252 Resp: 970845  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.567 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA\_M

ClientSampleId :

348MS

Tgt Ion:278 Resp: 1085164

Ion Ratio Lower Upper

278 100

139 13.2 13.4 20.2

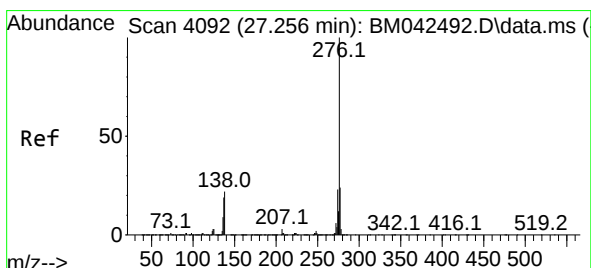
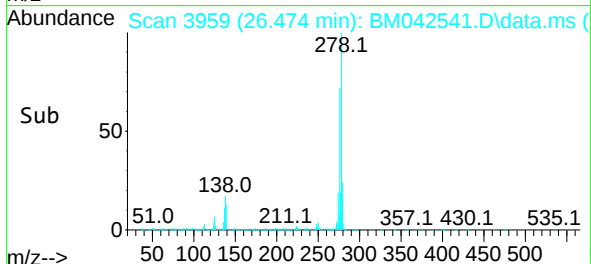
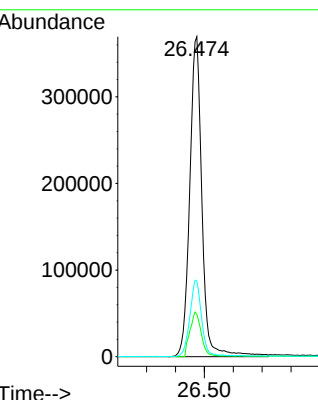
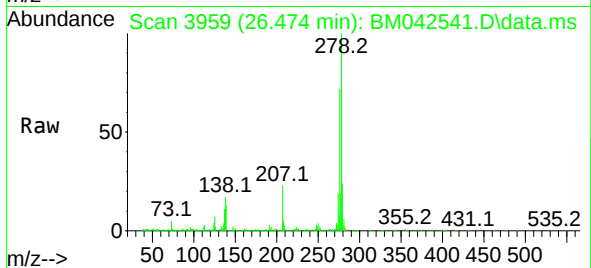
279 23.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#92

Benzo(g,h,i)perylene

Concen: 51.417 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Tgt Ion:276 Resp: 1026296

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.7 17.3 25.9

