

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031022\  
 Data File : BN018898.D  
 Acq On : 10 Mar 2022 11:21  
 Operator : CG/JU  
 Sample : N1331-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-QT1-2022-02

Quant Time: Mar 10 11:58:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 08 14:15:20 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 138008   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.710 | 136  | 646519   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.540 | 164  | 450474   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.275 | 188  | 981252   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.451 | 240  | 1119046  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.845 | 264  | 1141419  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.270  | 96   | 18015    | 5.221  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 231702   | 21.945 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.052  | 99   | 309448   | 22.967 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.222  | 67   | 203133   | 25.030 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.428  | 132  | 232429   | 24.071 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 256510   | 23.413 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 119509   | 24.065 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.787  | 143  | 132576   | 24.298 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.322 | 165  | 245114   | 23.485 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.834 | 131  | 372021   | 23.672 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.940 | 166  | 848813   | 24.887 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 1053318  | 24.811 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.716 | 143  | 153634   | 22.243 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.528 | 176  | 749031   | 25.265 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 129997   | 21.377 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.375 | 188  | 1204574  | 25.665 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 1485976  | 24.538 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.686 | 264  | 1542529  | 25.930 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 4041     | 1.079  | ng/uL# | 88       |
| 5) Pyridine                   | 3.711  | 79   | 41151    | 3.779  | ng/u1# | 59       |
| 6) Benzaldehyde               | 7.028  | 77   | 33030    | 4.814  | ng/u1  | 97       |
| 8) Phenol                     | 7.081  | 94   | 62328    | 4.421  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.316  | 93   | 49917    | 4.590  | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.464  | 128  | 46515    | 4.543  | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.340  | 108  | 40953    | 3.891  | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 75914    | 4.890  | ng/u1  | 98       |
| 16) Acetophenone              | 8.722  | 105  | 76741    | 4.520  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.705  | 70   | 38218    | 4.417  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.669  | 108  | 52261    | 4.440  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.993  | 117  | 17575    | 4.399  | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.099  | 77   | 59628    | 4.626  | ng/u1  | 98       |
| 23) Isophorone                | 9.628  | 82   | 97109    | 3.943  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.816  | 139  | 27028    | 4.457  | ng/u1  | 95       |
| 26) 2,4-Dimethylphenol        | 9.875  | 107  | 57242    | 4.346  | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93   | 71719    | 4.613  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.352 | 162  | 49010    | 4.615  | ng/u1  | 98       |
| 30) Naphthalene               | 10.757 | 128  | 169156   | 4.748  | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.857 | 127  | 73929    | 4.534  | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 31042    | 4.653  | ng/u1  | 95       |
| 34) Caprolactam               | 11.616 | 113  | 12931m   | 3.349  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.981 | 107  | 50460    | 4.058  | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.369 | 142  | 119788   | 4.782  | ng/u1  | 96       |

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 Sample : N1331-02  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Quant Time: Mar 10 11:58:45 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 08 14:15:20 2022  
 Response via : Initial Calibration

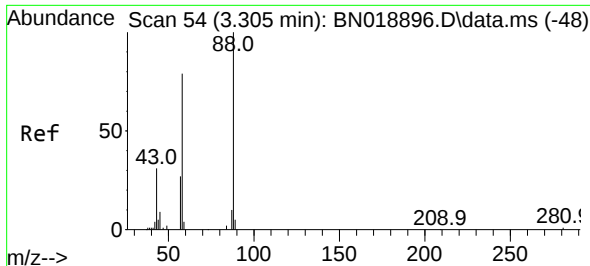
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.587 | 142  | 102487   | 3.962 | ng/ul  | 94       |
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216  | 65129    | 4.729 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.722 | 237  | 39000    | 4.820 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.975 | 196  | 33814    | 3.798 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.040 | 196  | 38675    | 3.933 | ng/ul  | 92       |
| 43) 1,1'-Biphenyl             | 13.375 | 154  | 170850   | 4.825 | ng/ul  | 96       |
| 44) 2-Chloronaphthalene       | 13.416 | 162  | 129120   | 4.735 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.610 | 65   | 28308    | 3.483 | ng/ul  | 99       |
| 47) Dimethylphthalate         | 13.987 | 163  | 165301   | 4.727 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.104 | 165  | 24201    | 3.612 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.257 | 152  | 213633   | 4.812 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.428 | 138  | 26933    | 4.149 | ng/ul  | 92       |
| 52) Acenaphthene              | 14.598 | 153  | 139899   | 4.814 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.634 | 184  | 21938m   | 5.121 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.728 | 109  | 26021    | 4.375 | ng/ul  | 95       |
| 56) Dibenzofuran              | 14.934 | 168  | 207981   | 4.954 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.887 | 165  | 39959    | 3.962 | ng/ul  | 91       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 31962    | 3.951 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.351 | 149  | 154887   | 4.450 | ng/ul  | 99       |
| 61) Fluorene                  | 15.581 | 166  | 168320   | 5.092 | ng/ul  | 95       |
| 62) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 84378    | 5.182 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.587 | 138  | 28773    | 4.760 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 27823    | 4.490 | ng/ul# | 91       |
| 67) N-Nitrosodiphenylamine    | 15.781 | 169  | 138775   | 4.743 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.463 | 248  | 45878    | 4.536 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.587 | 284  | 57002    | 4.915 | ng/ul  | 97       |
| 70) Atrazine                  | 16.728 | 200  | 43710    | 3.987 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.928 | 266  | 30175    | 4.176 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.316 | 178  | 282693   | 5.057 | ng/ul  | 99       |
| 74) Anthracene                | 17.404 | 178  | 276033   | 4.952 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.346 | 216  | 57983    | 3.821 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.857 | 250  | 62176    | 4.529 | ng/uL  | 92       |
| 77) Carbazole                 | 17.675 | 167  | 236400   | 4.697 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.239 | 149  | 225599   | 3.988 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.328 | 202  | 323409   | 4.511 | ng/ul  | 97       |
| 82) Pyrene                    | 19.692 | 202  | 358565   | 4.896 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.586 | 149  | 89225    | 3.200 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.369 | 252  | 110244   | 4.546 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.439 | 228  | 354678   | 4.691 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 149650   | 3.567 | ng/ul  | 99       |
| 87) Chrysene                  | 21.486 | 228  | 363209   | 4.961 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.286 | 149  | 254731   | 3.561 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.116 | 252  | 382445   | 4.953 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.163 | 252  | 349423   | 4.876 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.739 | 252  | 381302   | 5.101 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.321 | 276  | 391848   | 4.733 | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.333 | 278  | 337765   | 4.602 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.080 | 276  | 330197   | 4.482 | ng/ul  | 98       |

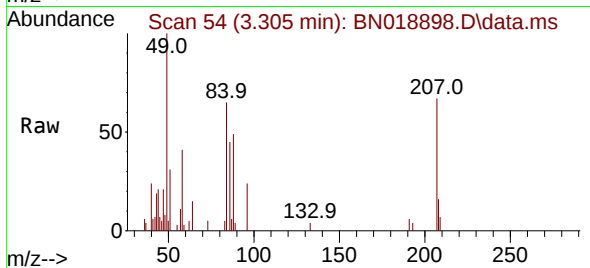
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.079 ng/uL  
RT: 3.305 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

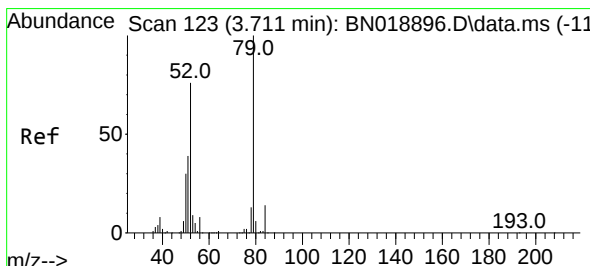
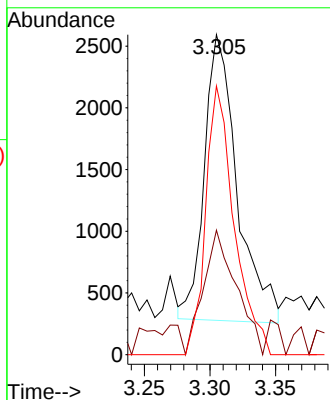
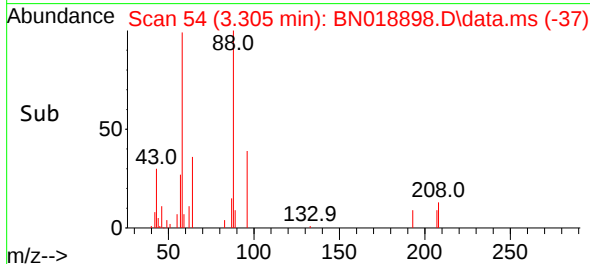
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion: 88 Resp: 404  
Ion Ratio Lower Upper  
88 100  
43 38.9 22.4 33.6  
58 84.0 61.0 91.4

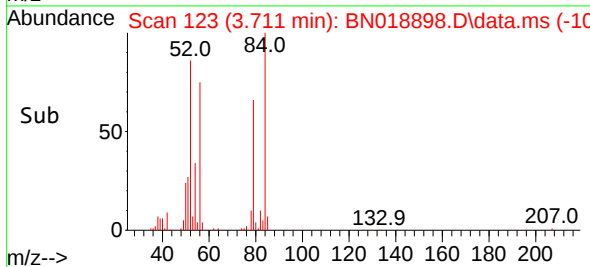
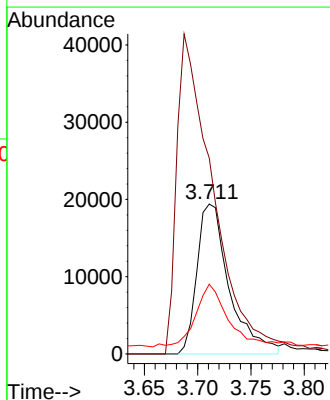
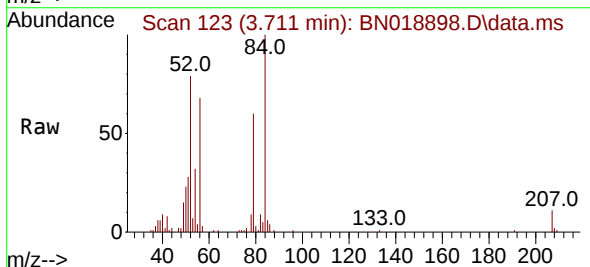
Manual Integrations  
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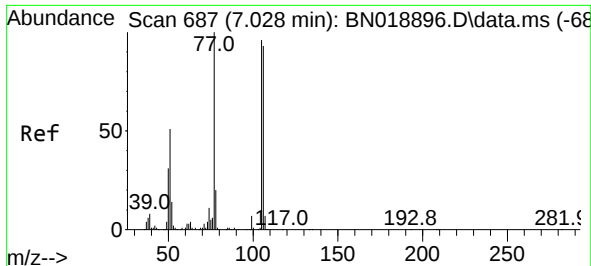
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#5  
Pyridine  
Concen: 3.779 ng/uL  
RT: 3.711 min Scan# 123  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

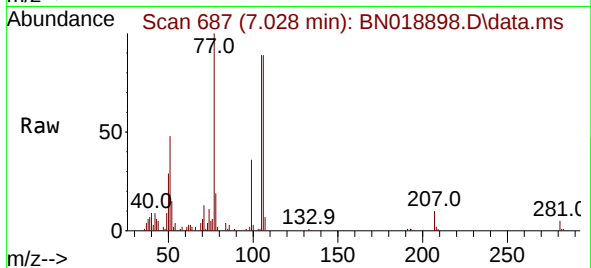
Tgt Ion: 79 Resp: 41151  
Ion Ratio Lower Upper  
79 100  
52 130.8 65.0 97.4  
51 46.5 31.6 47.4





#6  
Benzaldehyde  
Concen: 4.814 ng/ul  
RT: 7.028 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

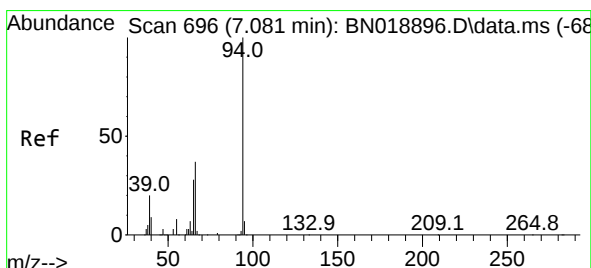
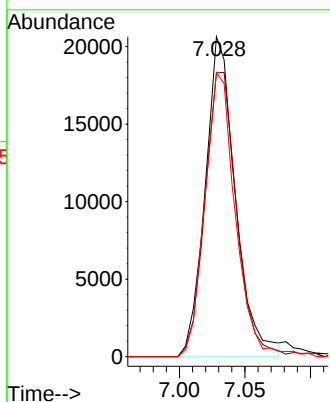
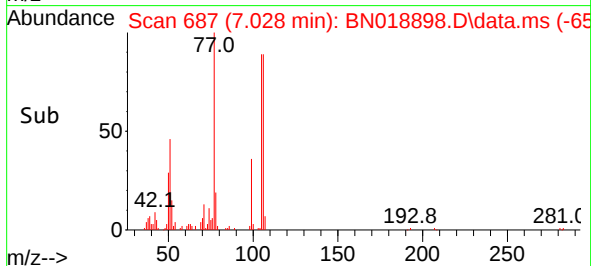
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion: 77 Resp: 33030  
Ion Ratio Lower Upper  
77 100  
105 88.7 74.7 112.1  
106 88.8 70.2 105.4

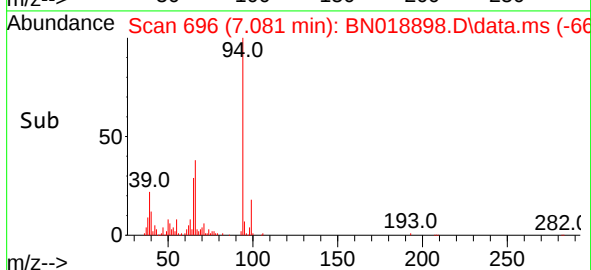
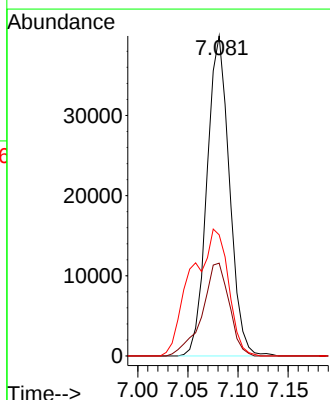
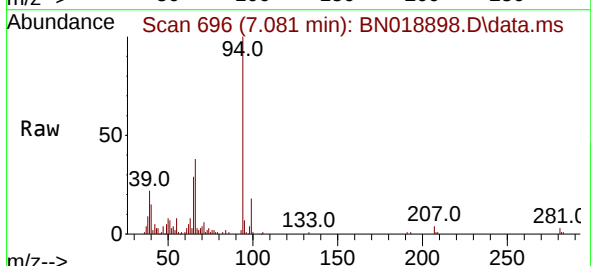
Manual Integrations  
APPROVED

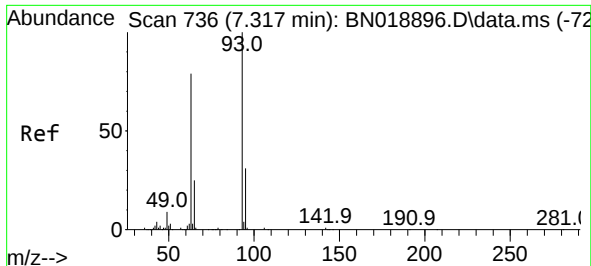
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#8  
Phenol  
Concen: 4.421 ng/ul  
RT: 7.081 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

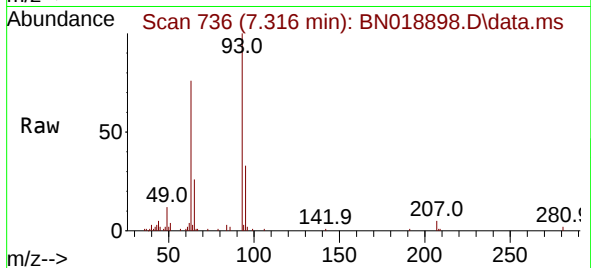
Tgt Ion: 94 Resp: 62328  
Ion Ratio Lower Upper  
94 100  
65 29.0 23.6 35.4  
66 37.8 31.2 46.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.590 ng/ul  
RT: 7.316 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

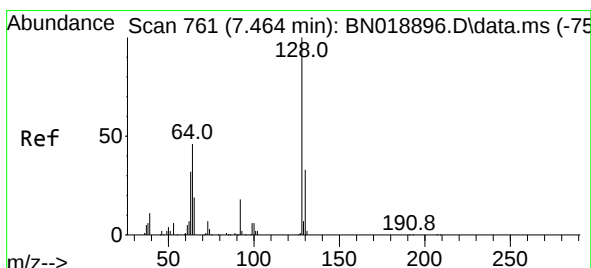
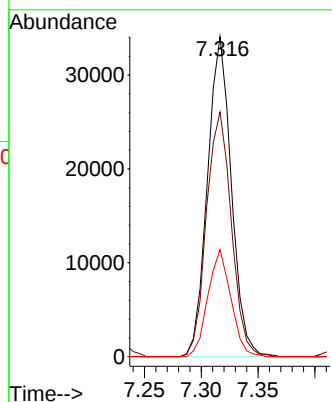
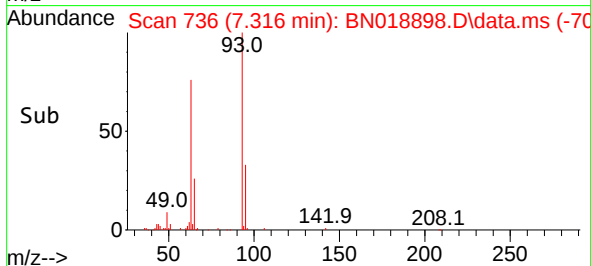
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion: 93 Resp: 4991  
Ion Ratio Lower Upper  
93 100  
63 76.5 63.4 95.0  
95 33.4 26.2 39.2

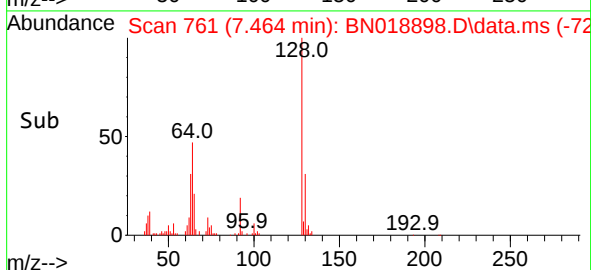
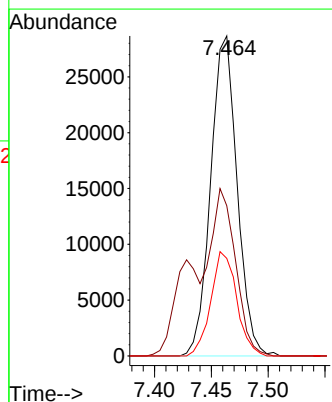
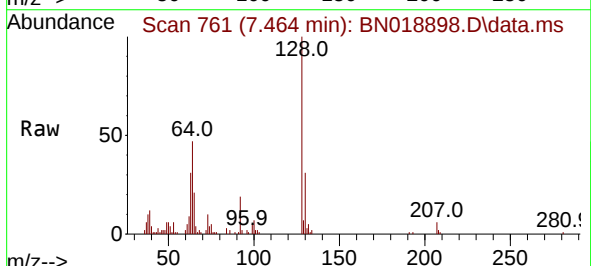
Manual Integrations  
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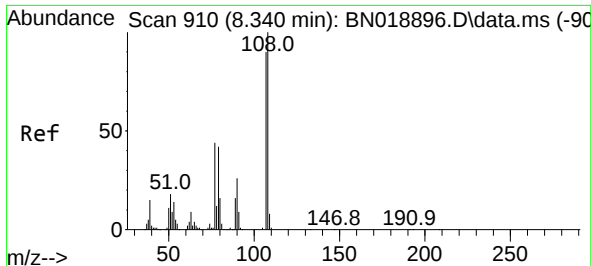
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#12  
2-Chlorophenol  
Concen: 4.543 ng/ul  
RT: 7.464 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Tgt Ion:128 Resp: 46515  
Ion Ratio Lower Upper  
128 100  
64 47.0 38.6 57.8  
130 30.5 25.0 37.4





#13

2-Methylphenol

Concen: 3.891 ng/ul

RT: 8.340 min Scan# 910

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-QT1-2022-02

Tgt Ion:108 Resp: 4095

Ion Ratio Lower Upper

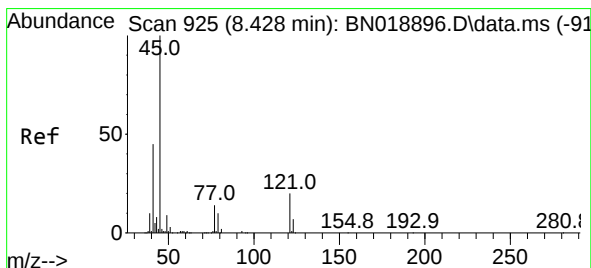
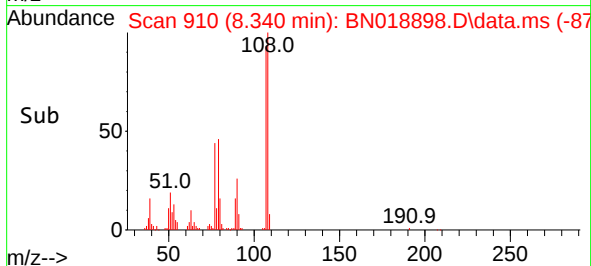
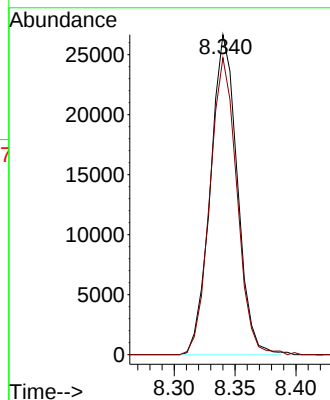
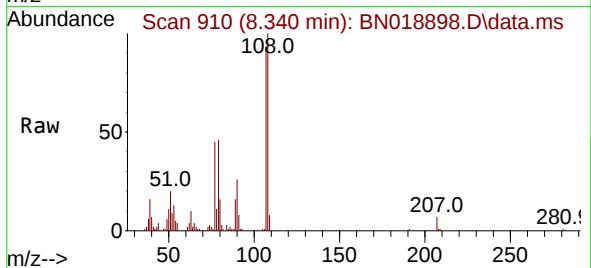
108 100

107 92.8 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.890 ng/ul

RT: 8.434 min Scan# 926

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

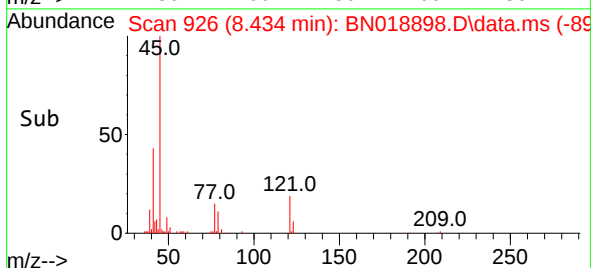
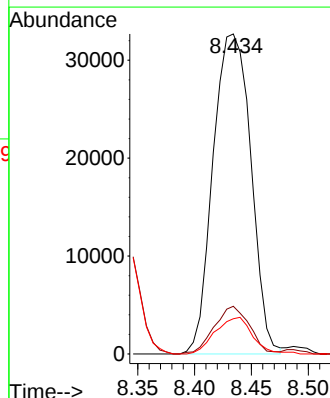
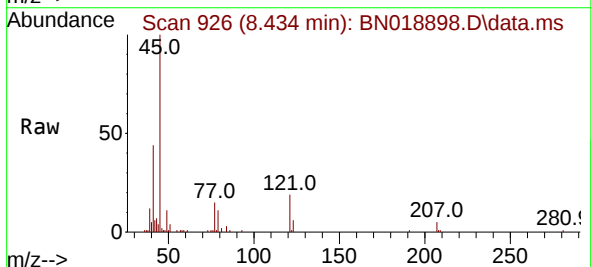
Tgt Ion: 45 Resp: 75914

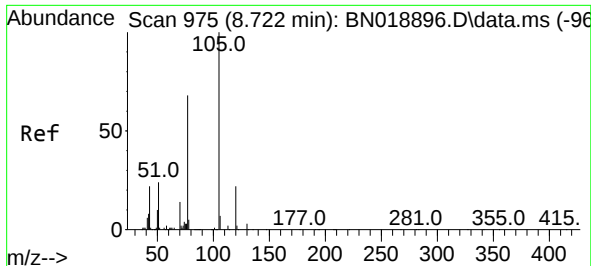
Ion Ratio Lower Upper

45 100

77 14.9 10.9 16.3

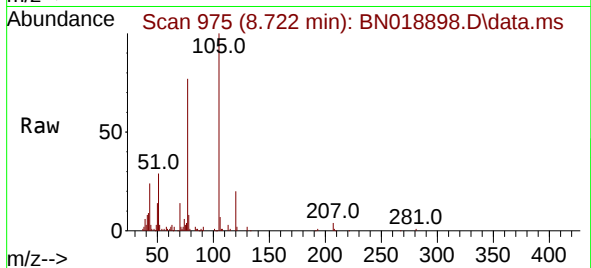
79 11.0 8.6 13.0





#16  
Acetophenone  
Concen: 4.520 ng/ul  
RT: 8.722 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

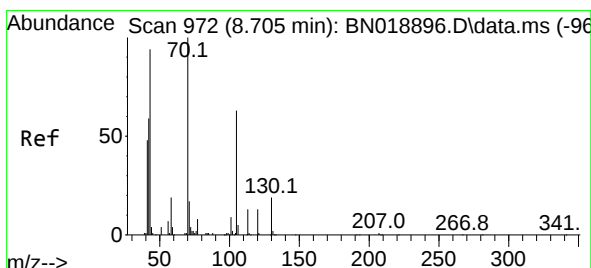
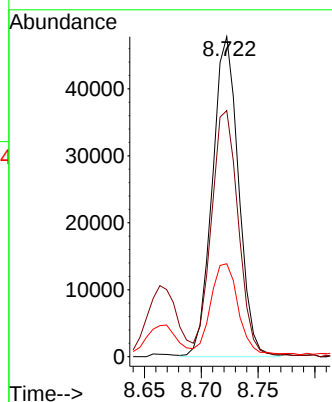
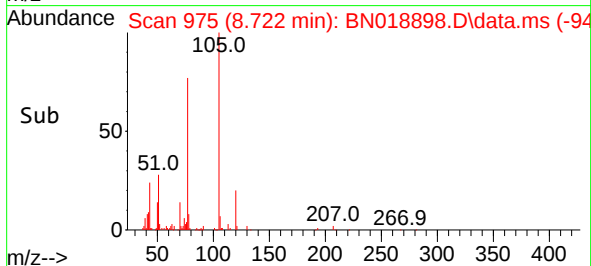
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion: 105 Resp: 7674  
Ion Ratio Lower Upper  
105 100  
77 76.9 63.5 95.3  
51 29.1 23.5 35.3

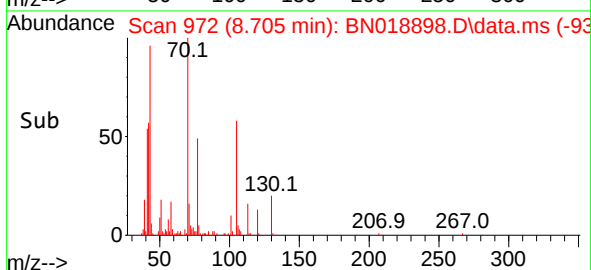
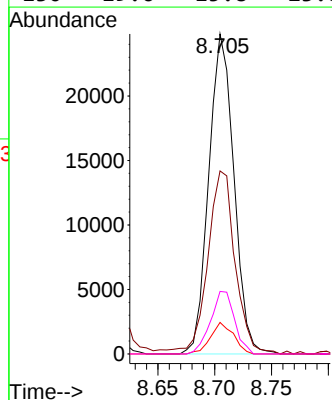
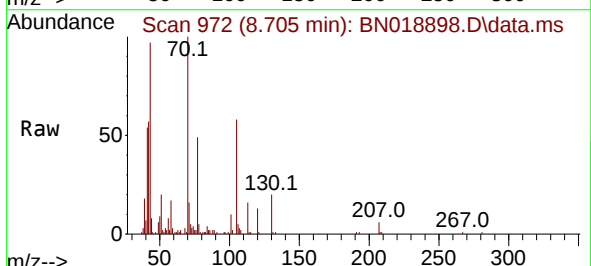
Manual Integrations  
APPROVED

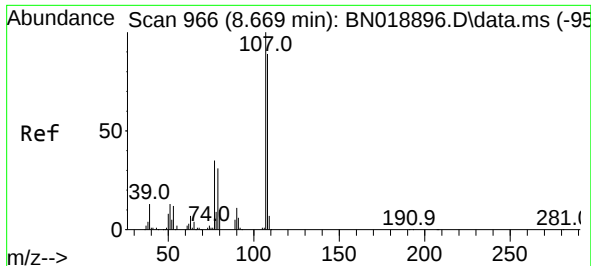
Reviewed By : Jagrut Upadhyay 03/10/2022  
Supervised By : mohammad ahmed 03/16/2022



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.417 ng/ul  
RT: 8.705 min Scan# 972  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

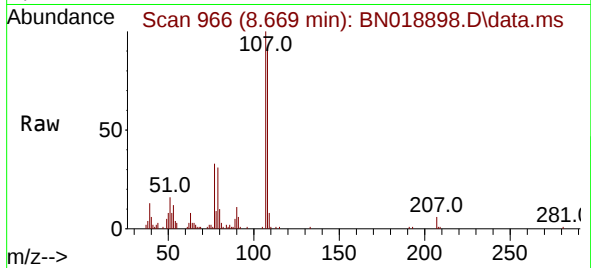
Tgt Ion: 70 Resp: 38218  
Ion Ratio Lower Upper  
70 100  
42 57.2 47.8 71.6  
101 9.8 7.8 11.6  
130 19.6 15.8 23.8





#18  
4-Methylphenol  
Concen: 4.440 ng/ul  
RT: 8.669 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

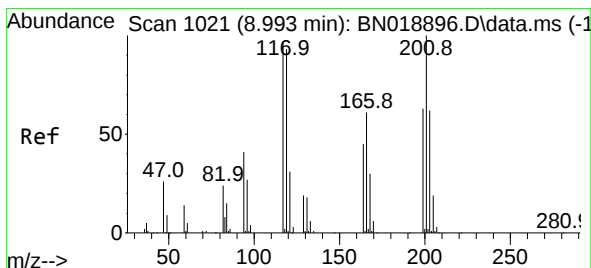
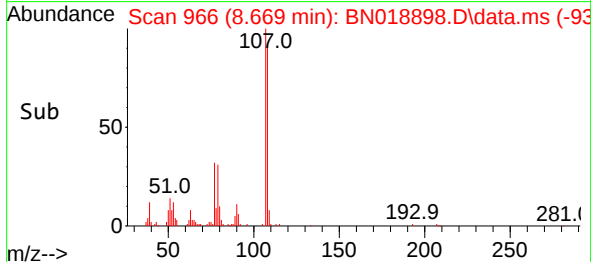
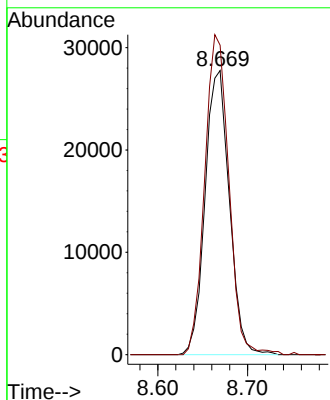
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion:108 Resp: 5226  
Ion Ratio Lower Upper  
108 100  
107 108.9 88.0 132.0

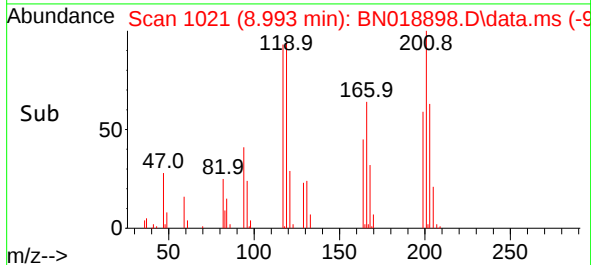
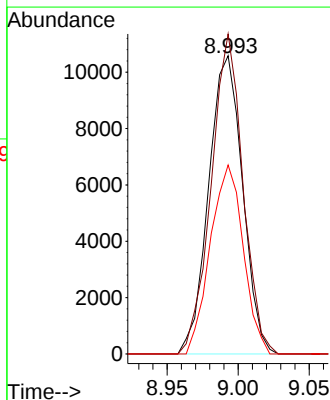
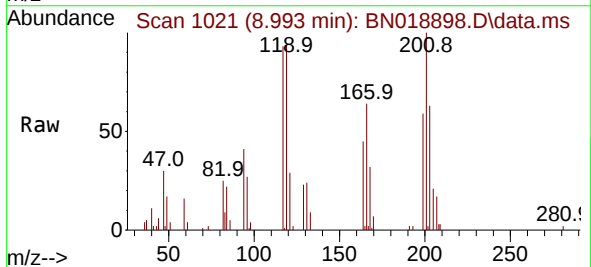
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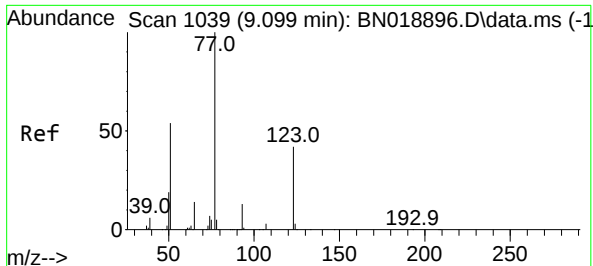
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#19  
Hexachloroethane  
Concen: 4.399 ng/ul  
RT: 8.993 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Tgt Ion:117 Resp: 17575  
Ion Ratio Lower Upper  
117 100  
201 109.5 83.2 124.8  
199 63.3 50.2 75.4





#22

Nitrobenzene

Concen: 4.626 ng/ul

RT: 9.099 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

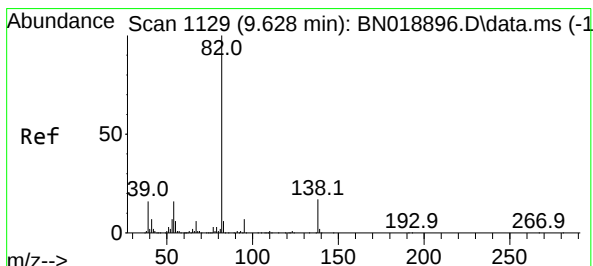
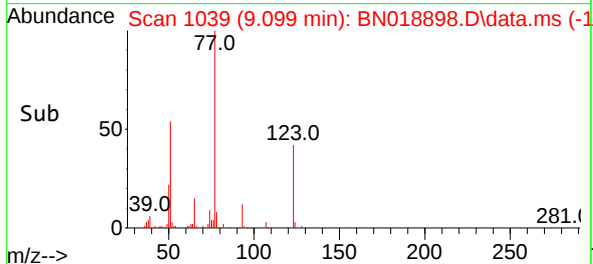
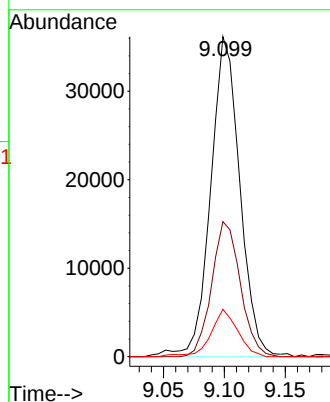
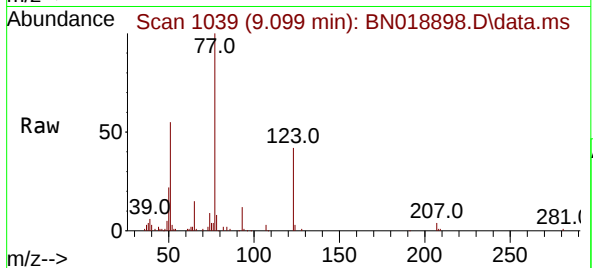
MDL-WATER-QT1-2022-02

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 59628 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 123 42.2    | 34.5 51.7   |
| 65 14.8     | 11.1 16.7   |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#23

Isophorone

Concen: 3.943 ng/ul

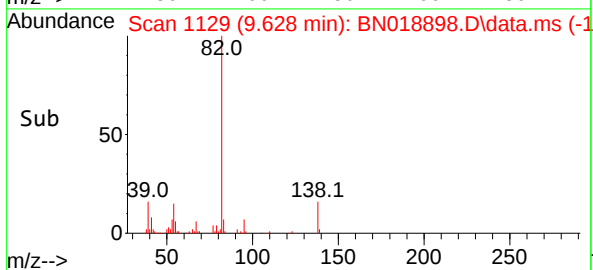
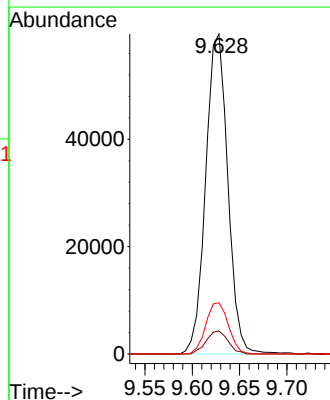
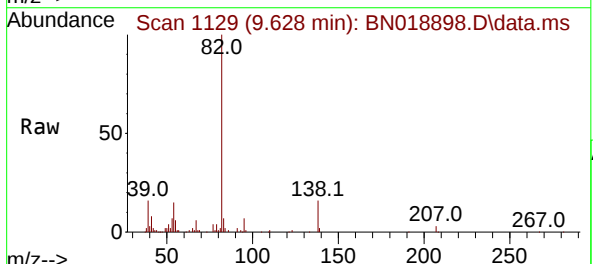
RT: 9.628 min Scan# 1129

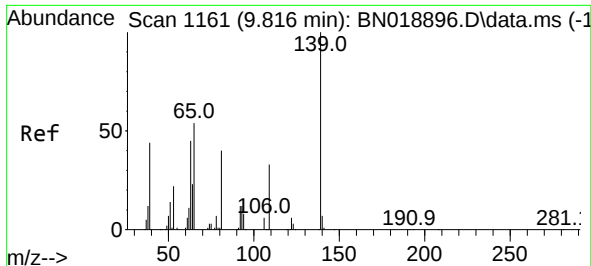
Delta R.T. 0.000 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 97109 |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 95 7.2      | 5.8 8.8     |
| 138 16.0    | 13.8 20.8   |





#25

2-Nitrophenol

Concen: 4.457 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-QT1-2022-02

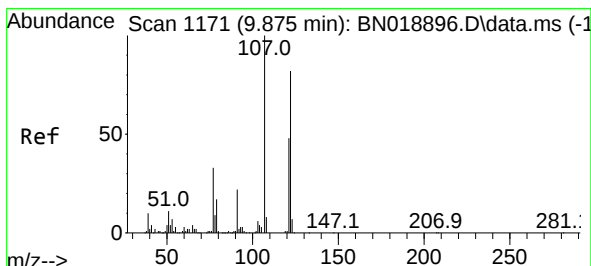
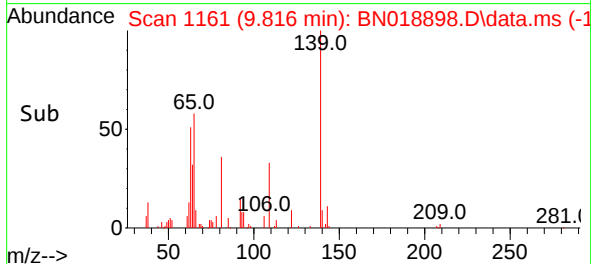
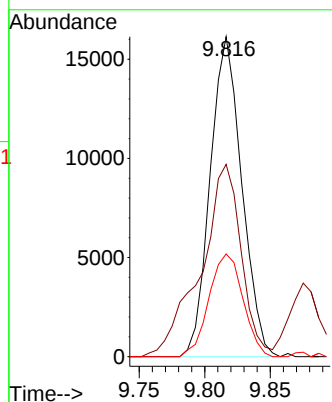
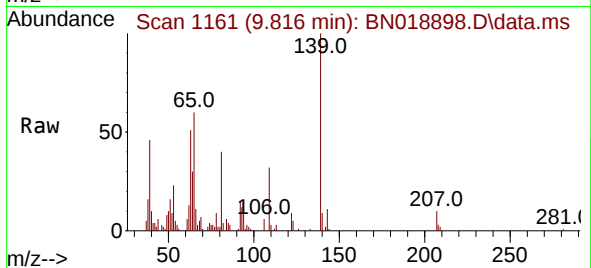
Tgt Ion:139 Resp: 27028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 60.1  | 43.7  | 65.5  |
| 109 | 32.1  | 25.8  | 38.6  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#26

2,4-Dimethylphenol

Concen: 4.346 ng/ul

RT: 9.875 min Scan# 1171

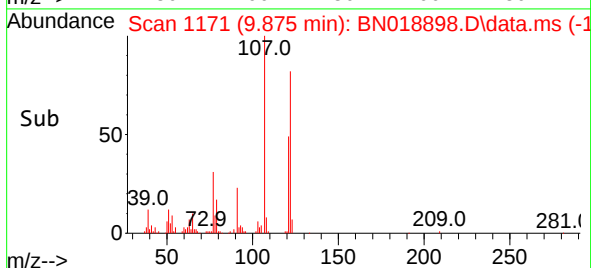
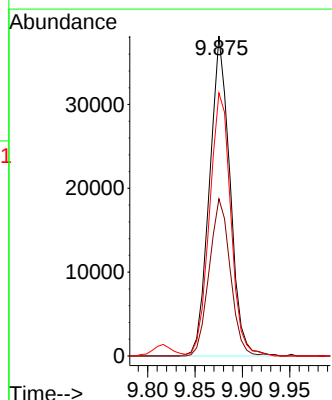
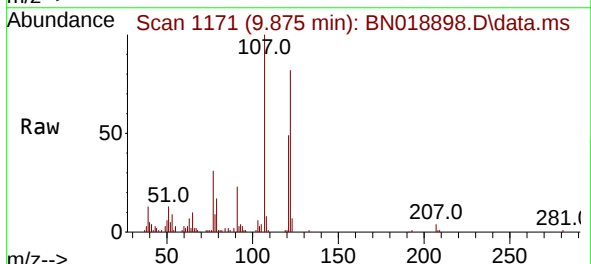
Delta R.T. -0.006 min

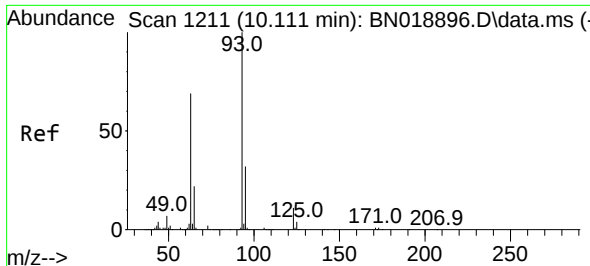
Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Tgt Ion:107 Resp: 57242

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 121 | 49.1  | 38.3  | 57.5  |
| 122 | 82.2  | 66.3  | 99.5  |





#27

Bis(2-Chloroethoxy)methane

Concen: 4.613 ng/ul

RT: 10.110 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

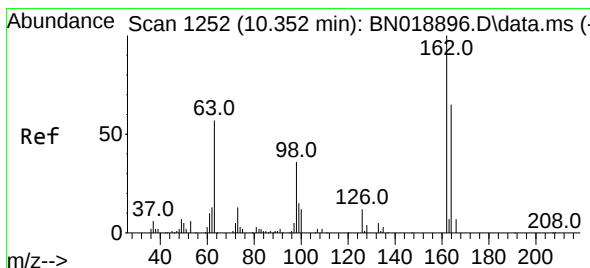
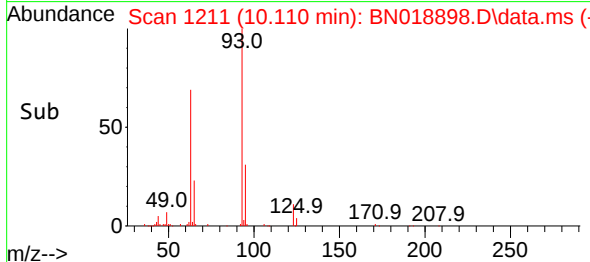
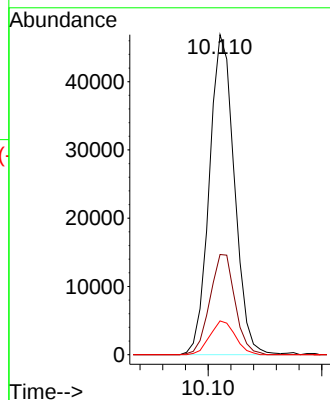
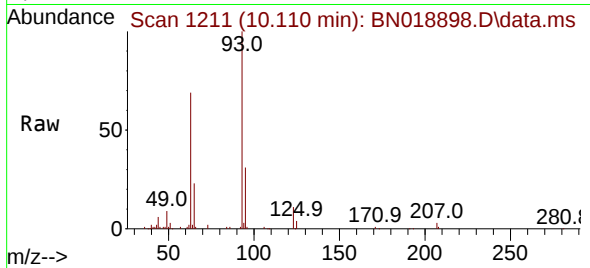
MDL-WATER-QT1-2022-02

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 71719 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 95 31.3     | 25.4 38.0   |
| 123 10.5    | 8.3 12.5    |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#29

2,4-Dichlorophenol

Concen: 4.615 ng/ul

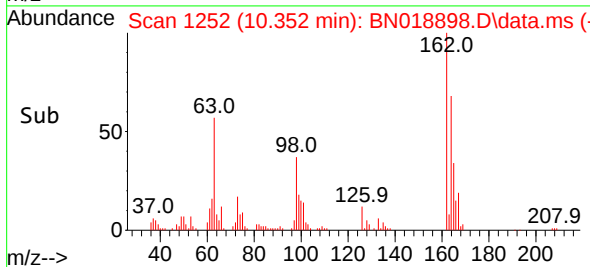
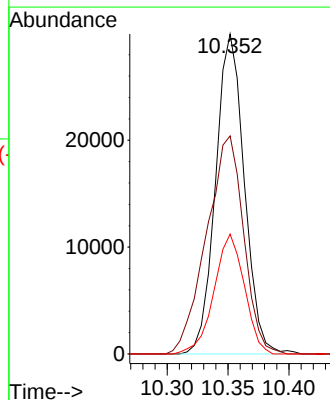
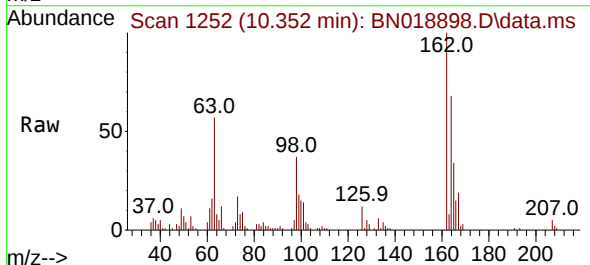
RT: 10.352 min Scan# 1252

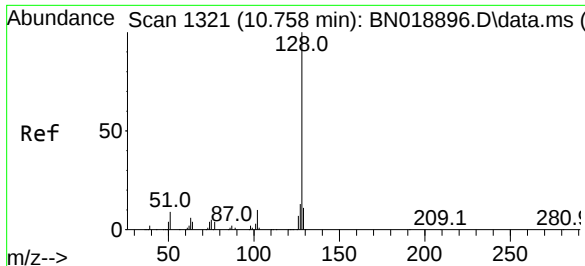
Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

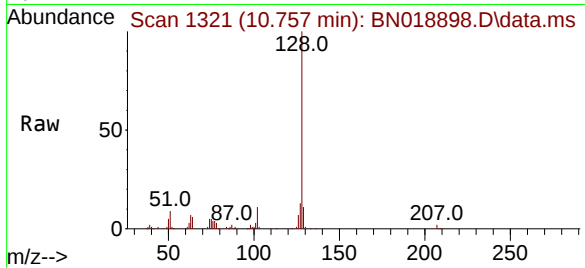
|             |             |
|-------------|-------------|
| Tgt Ion:162 | Resp: 49010 |
| Ion Ratio   | Lower Upper |
| 162 100     |             |
| 164 68.1    | 52.9 79.3   |
| 98 37.4     | 29.8 44.8   |





#30  
Naphthalene  
Concen: 4.748 ng/ul  
RT: 10.757 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

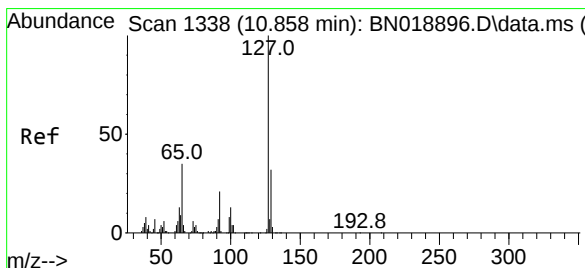
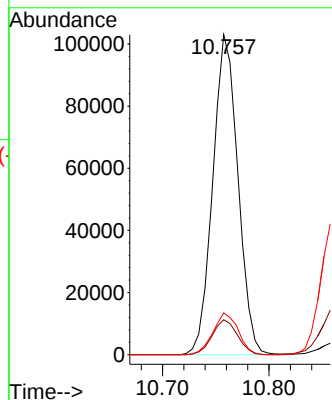
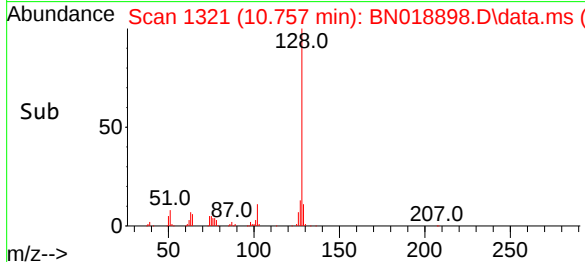
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:128 Resp: 169150  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.0 10.6 16.0

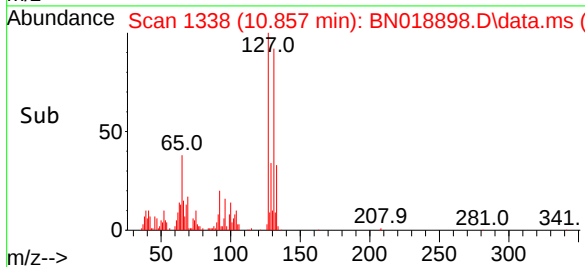
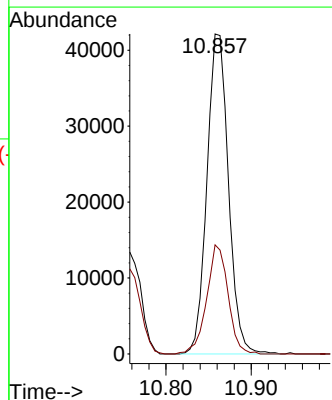
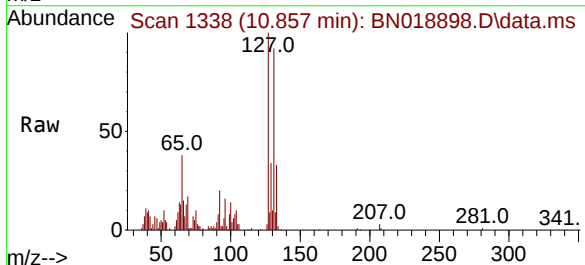
Manual Integrations  
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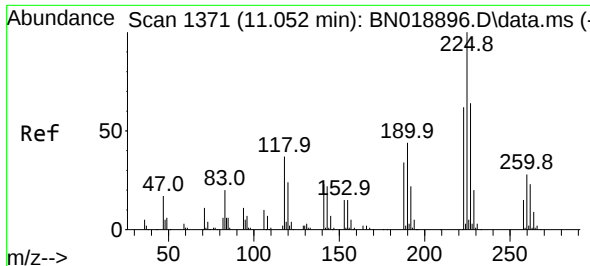
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#32  
4-Chloroaniline  
Concen: 4.534 ng/ul  
RT: 10.857 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

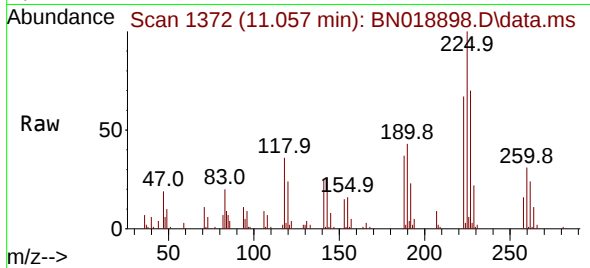
Tgt Ion:127 Resp: 73929  
Ion Ratio Lower Upper  
127 100  
129 34.1 26.1 39.1





#33  
Hexachlorobutadiene  
Concen: 4.653 ng/ul  
RT: 11.057 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

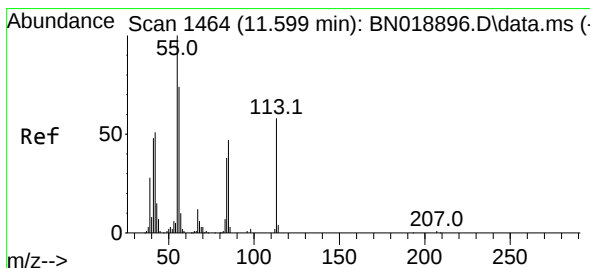
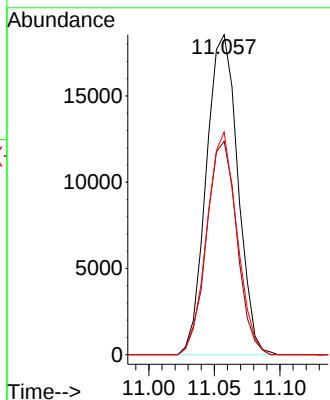
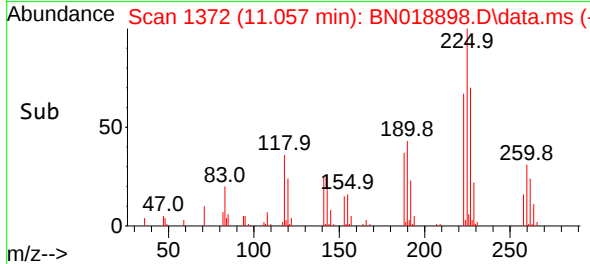
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion:225 Resp: 3104  
Ion Ratio Lower Upper  
225 100  
223 66.7 51.8 77.6  
227 69.6 50.6 76.0

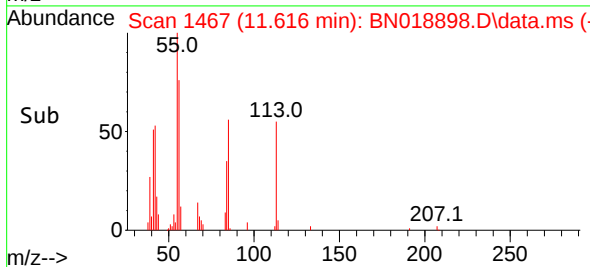
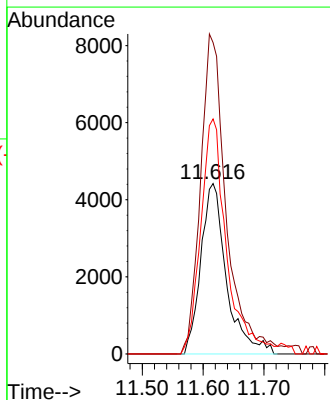
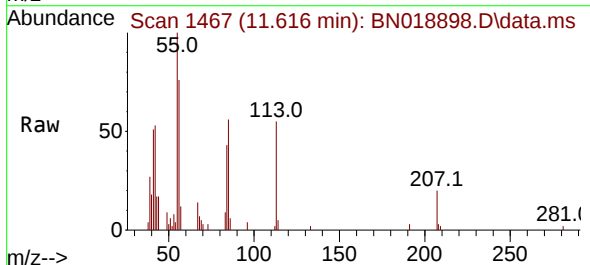
Manual Integrations  
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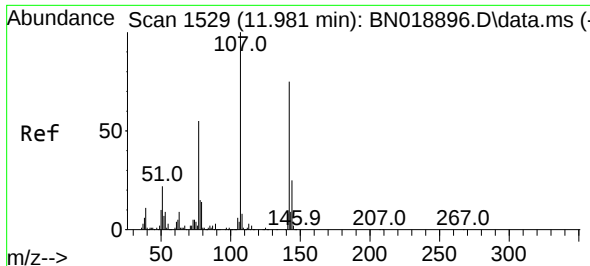
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#34  
Caprolactam  
Concen: 3.349 ng/ul m  
RT: 11.616 min Scan# 1467  
Delta R.T. 0.012 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

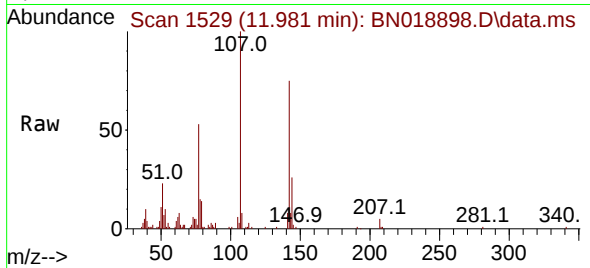
Tgt Ion:113 Resp: 12931  
Ion Ratio Lower Upper  
113 100  
55 182.7 145.5 218.3  
56 138.0 106.5 159.7





#35  
4-Chloro-3-methylphenol  
Concen: 4.058 ng/ul  
RT: 11.981 min Scan# 1529  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

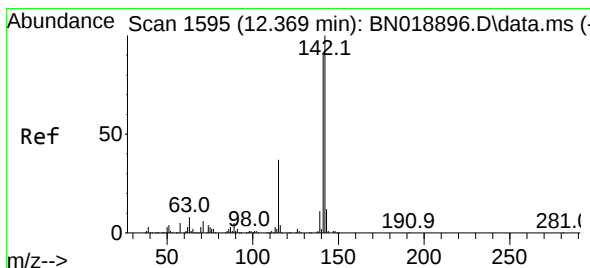
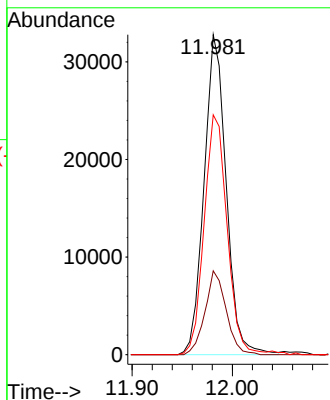
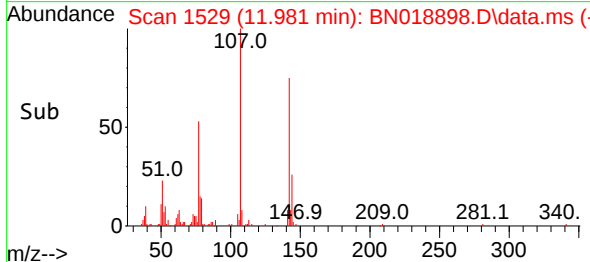
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:107 Resp: 50460  
Ion Ratio Lower Upper  
107 100  
144 26.2 20.6 31.0  
142 74.9 62.2 93.4

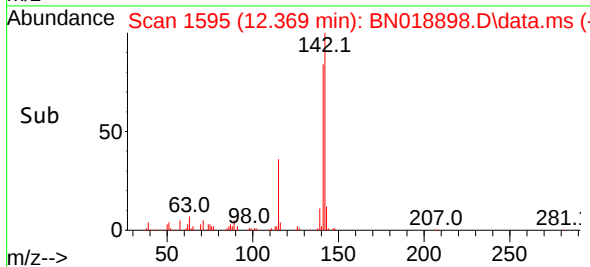
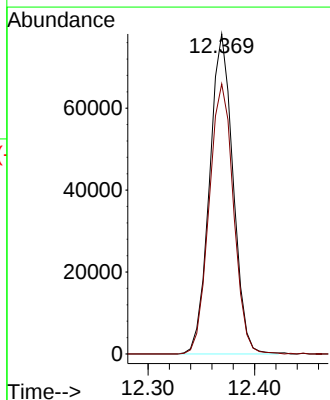
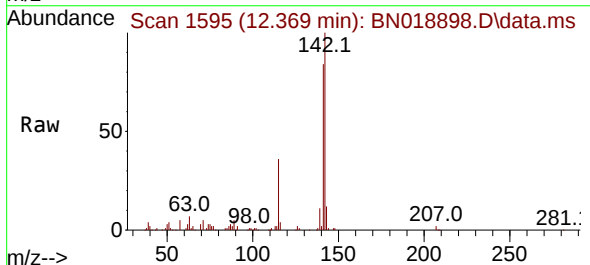
Manual Integrations  
APPROVED

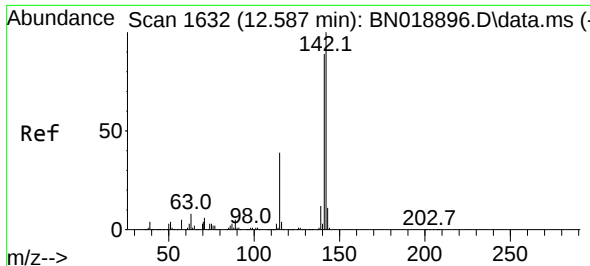
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#36  
2-Methylnaphthalene  
Concen: 4.782 ng/ul  
RT: 12.369 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

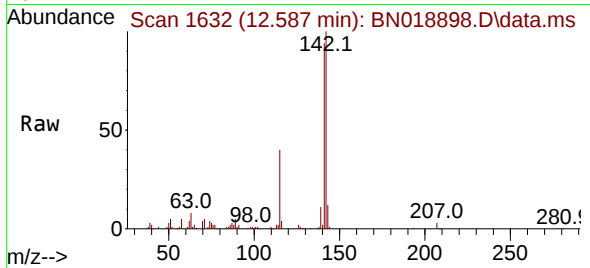
Tgt Ion:142 Resp: 119788  
Ion Ratio Lower Upper  
142 100  
141 84.4 70.6 105.8





#37  
1-Methylnaphthalene  
Concen: 3.962 ng/ul  
RT: 12.587 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

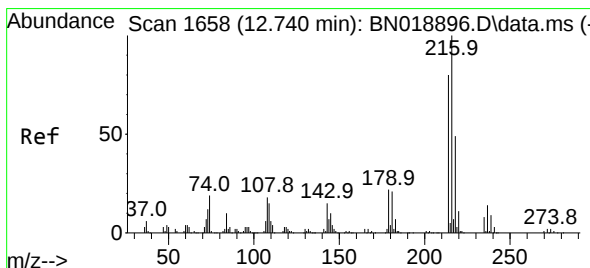
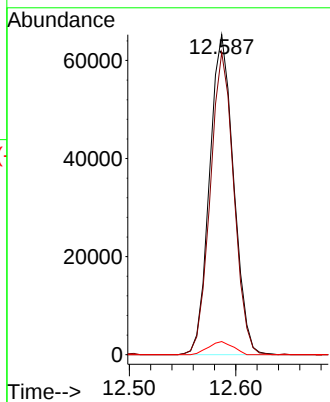
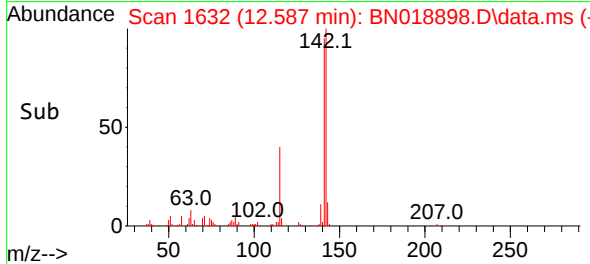
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:142 Resp: 10248  
Ion Ratio Lower Upper  
142 100  
141 94.5 70.9 106.3  
116 4.1 3.1 4.7

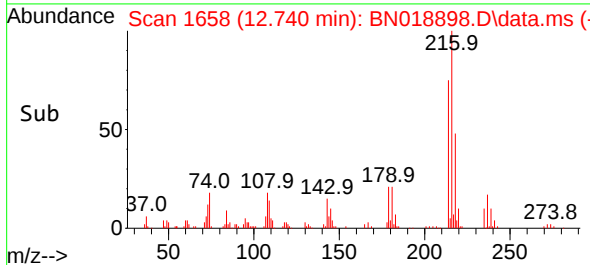
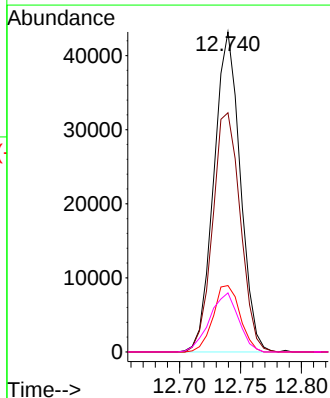
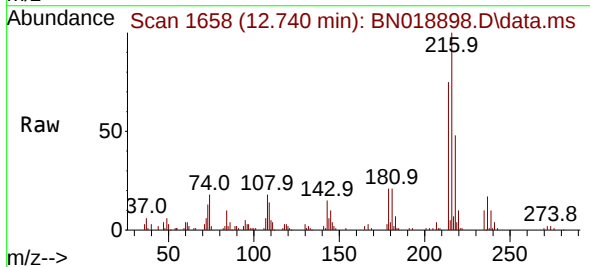
Manual Integrations  
APPROVED

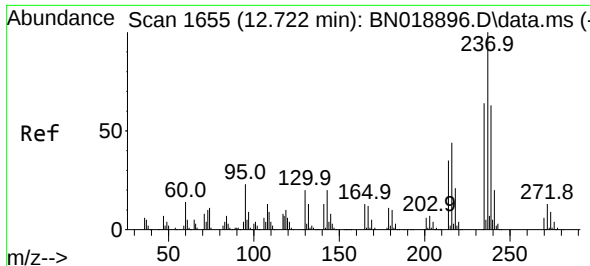
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.729 ng/ul  
RT: 12.740 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

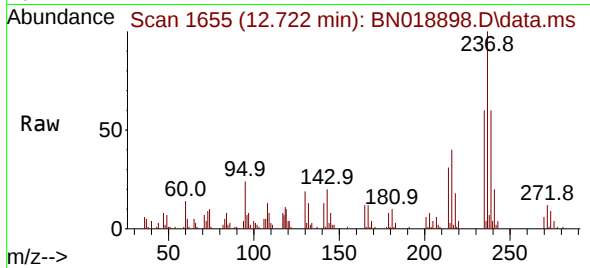
Tgt Ion:216 Resp: 65129  
Ion Ratio Lower Upper  
216 100  
214 74.7 63.4 95.0  
179 20.8 17.8 26.8  
108 18.4 15.1 22.7





#40  
Hexachlorocyclopentadiene  
Concen: 4.820 ng/ul  
RT: 12.722 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

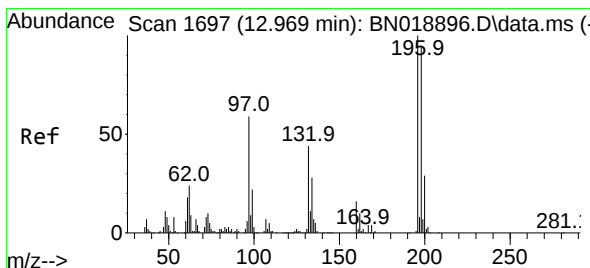
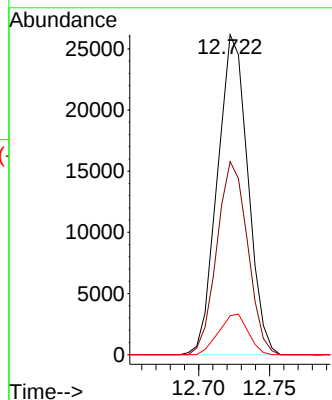
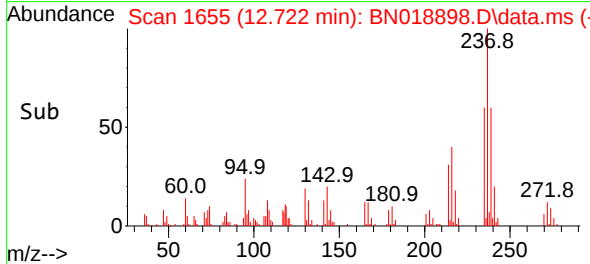
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



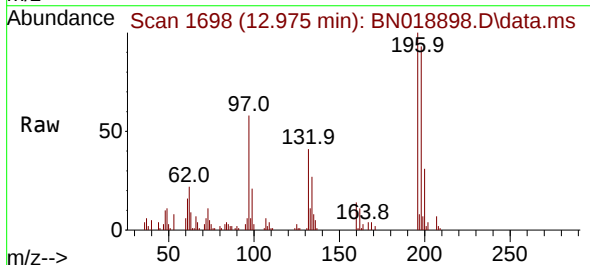
Tgt Ion:237 Resp: 39000  
Ion Ratio Lower Upper  
237 100  
235 60.4 48.8 73.2  
272 12.2 9.3 13.9

Manual Integrations  
APPROVED

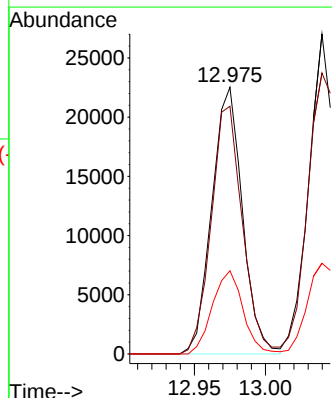
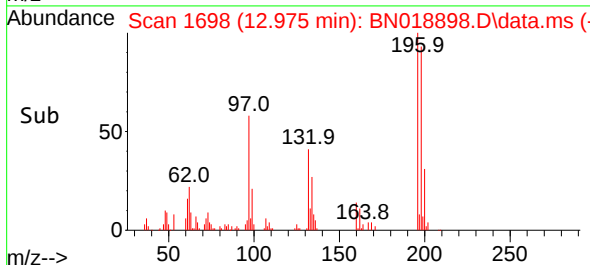
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

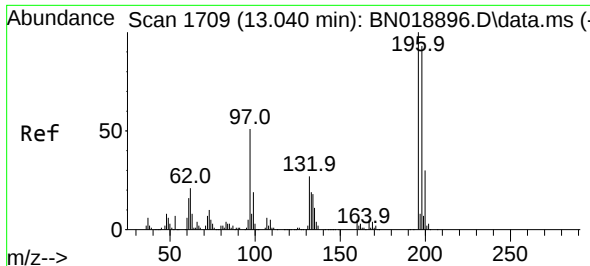


#41  
2,4,6-Trichlorophenol  
Concen: 3.798 ng/ul  
RT: 12.975 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



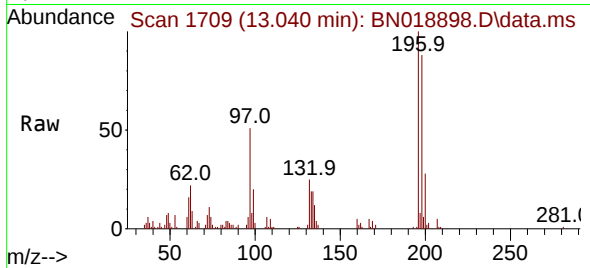
Tgt Ion:196 Resp: 33814  
Ion Ratio Lower Upper  
196 100  
198 92.9 79.8 119.8  
200 31.2 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 3.933 ng/ul  
RT: 13.040 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

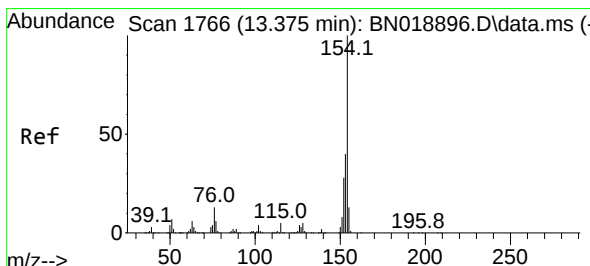
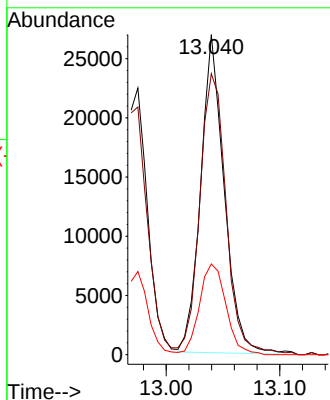
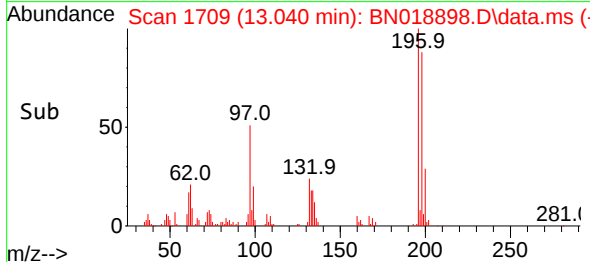
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



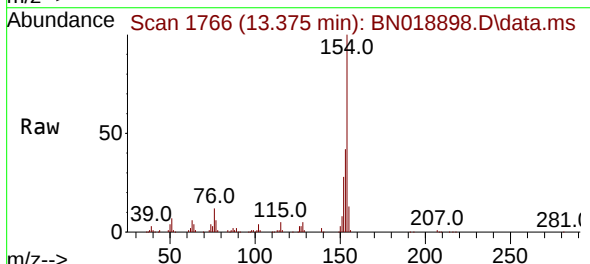
Tgt Ion:196 Resp: 3867  
Ion Ratio Lower Upper  
196 100  
198 87.8 77.6 116.4  
200 28.4 24.4 36.6

Manual Integrations  
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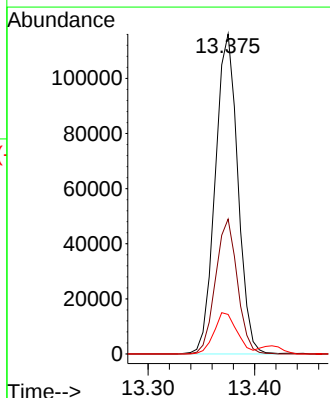
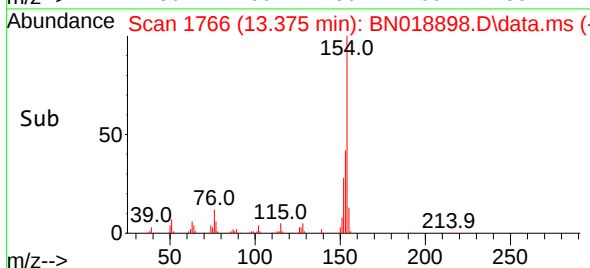
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

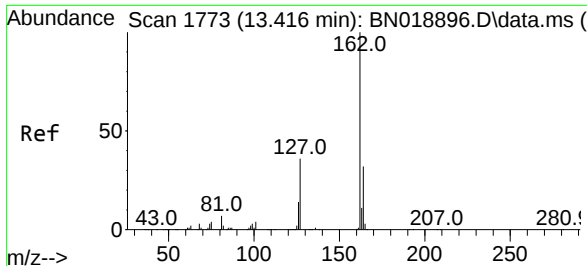


#43  
1,1'-Biphenyl  
Concen: 4.825 ng/ul  
RT: 13.375 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



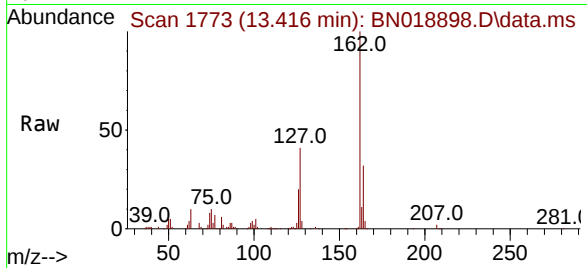
Tgt Ion:154 Resp: 170850  
Ion Ratio Lower Upper  
154 100  
153 42.2 31.5 47.3  
76 12.3 10.5 15.7





#44  
2-Chloronaphthalene  
Concen: 4.735 ng/ul  
RT: 13.416 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

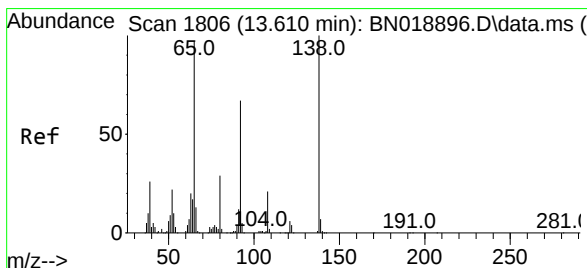
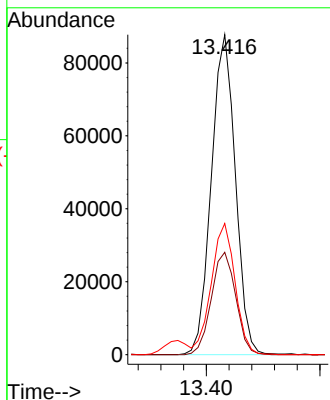
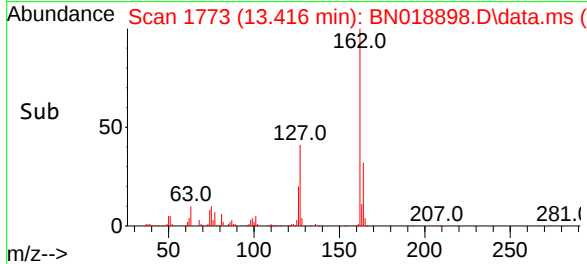
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



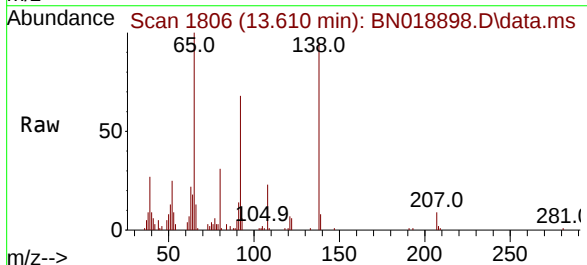
Tgt Ion:162 Resp: 129120  
Ion Ratio Lower Upper  
162 100  
164 32.0 25.8 38.6  
127 41.0 31.4 47.2

Manual Integrations  
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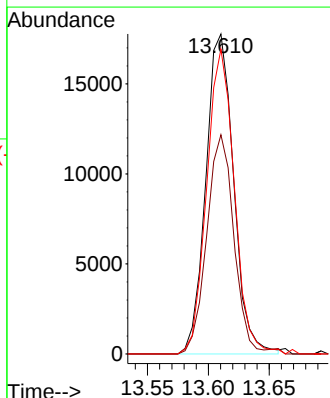
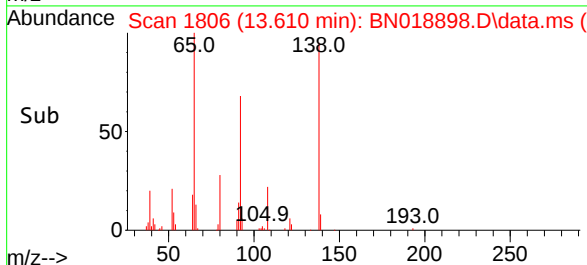
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

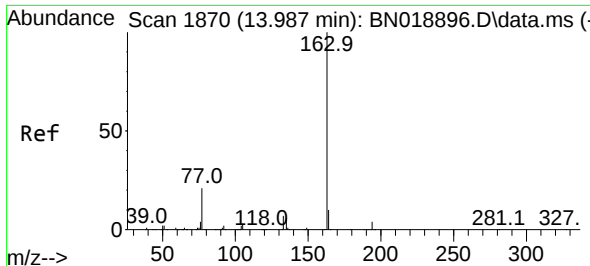


#45  
2-Nitroaniline  
Concen: 3.483 ng/ul  
RT: 13.610 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



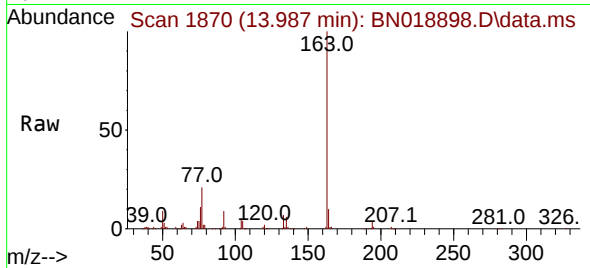
Tgt Ion: 65 Resp: 28308  
Ion Ratio Lower Upper  
65 100  
92 68.5 54.1 81.1  
138 95.2 77.0 115.4





#47  
Dimethylphthalate  
Concen: 4.727 ng/ul  
RT: 13.987 min Scan# 1870  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

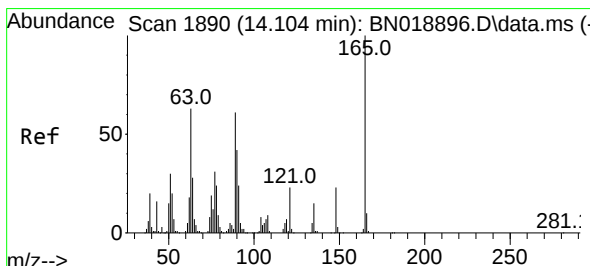
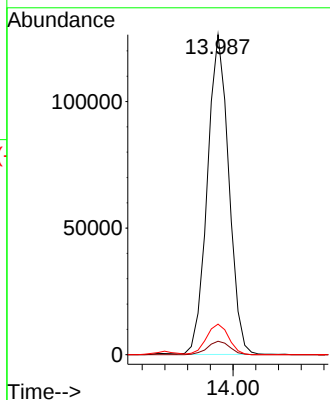
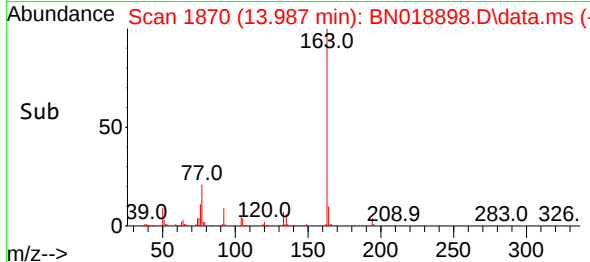
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



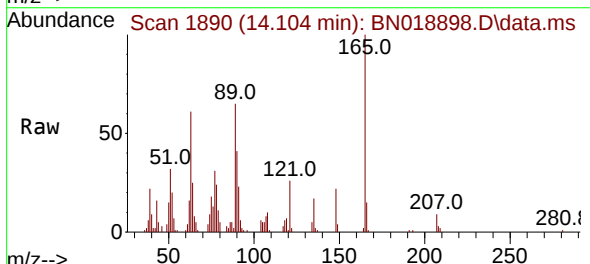
Tgt Ion:163 Resp: 16530  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 9.6 7.7 11.5

Manual Integrations  
APPROVED

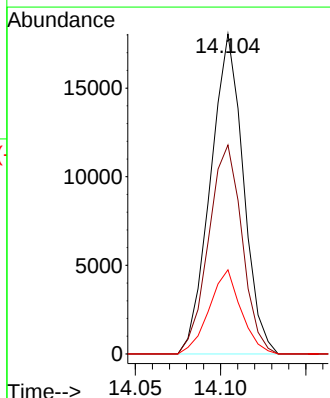
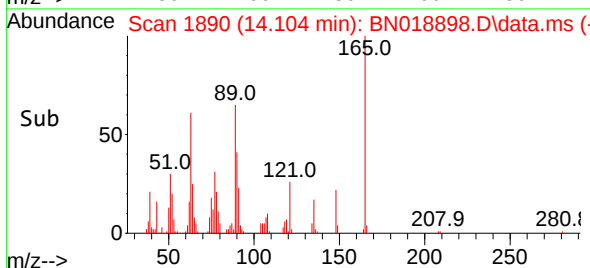
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

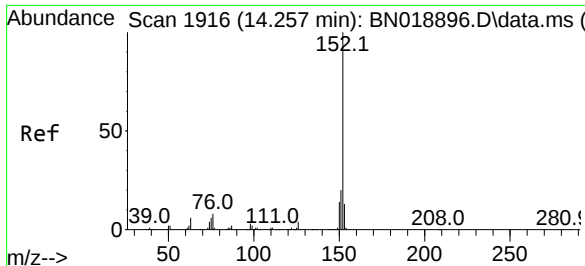


#48  
2,6-Dinitrotoluene  
Concen: 3.612 ng/ul  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



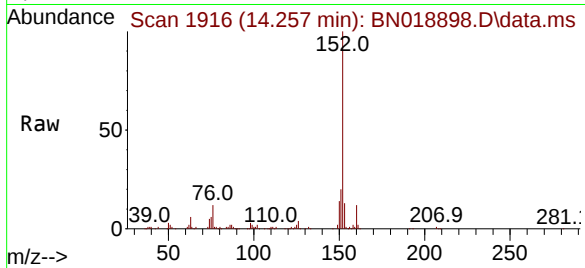
Tgt Ion:165 Resp: 24201  
Ion Ratio Lower Upper  
165 100  
89 65.3 50.6 75.8  
121 26.3 17.9 26.9





#50  
Acenaphthylene  
Concen: 4.812 ng/ul  
RT: 14.257 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

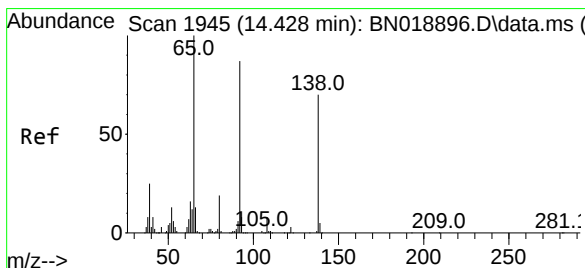
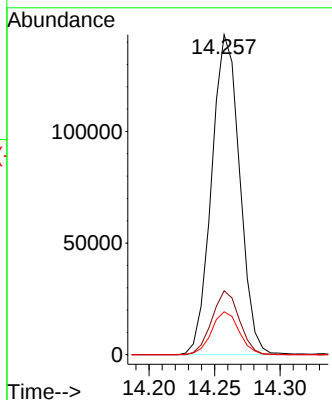
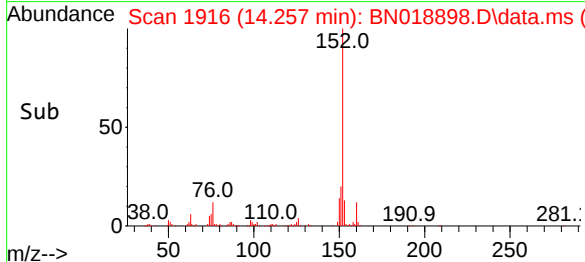
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:152 Resp: 21363  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.0 24.0  
153 13.4 10.7 16.1

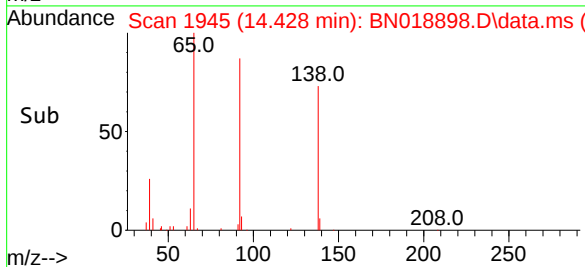
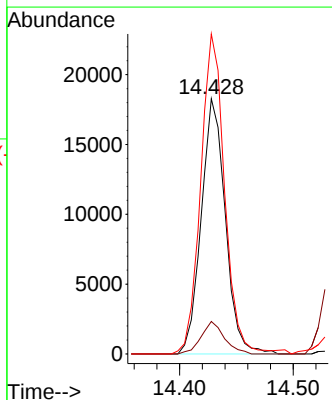
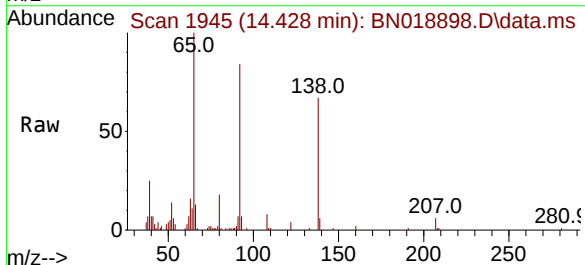
Manual Integrations  
APPROVED

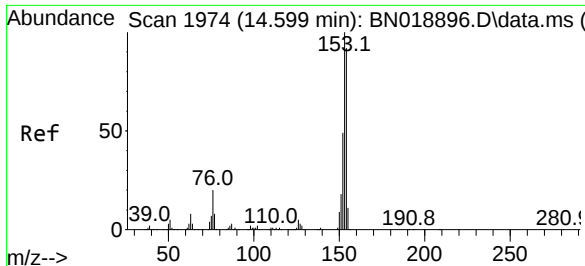
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#51  
3-Nitroaniline  
Concen: 4.149 ng/ul  
RT: 14.428 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

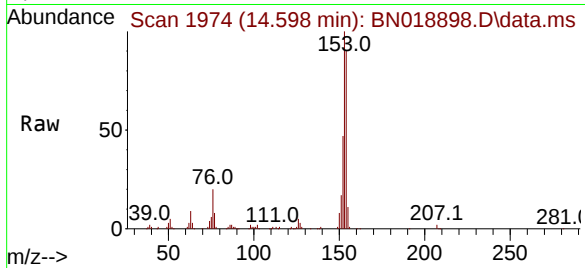
Tgt Ion:138 Resp: 26933  
Ion Ratio Lower Upper  
138 100  
108 12.7 8.6 12.8  
92 125.4 92.9 139.3





#52  
Acenaphthene  
Concen: 4.814 ng/ul  
RT: 14.598 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

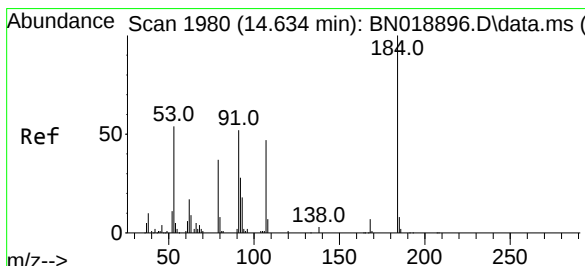
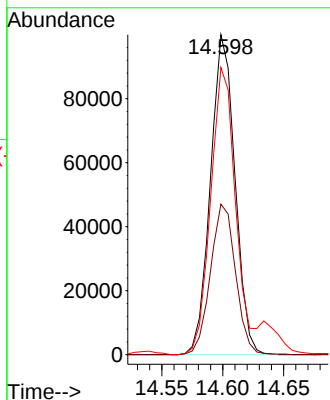
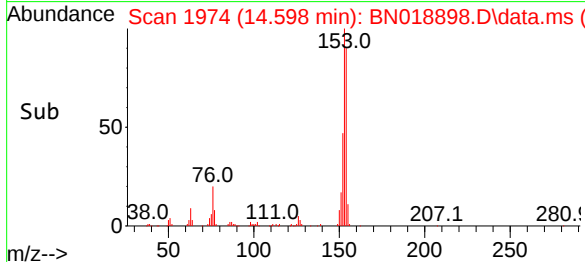
Instrument : BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion:153 Resp: 13989  
Ion Ratio Lower Upper  
153 100  
152 47.1 38.4 57.6  
154 89.7 69.7 104.5

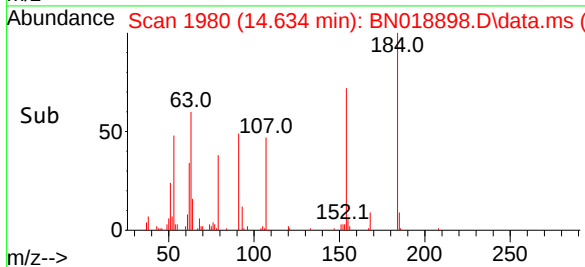
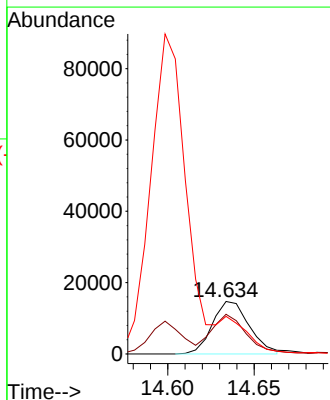
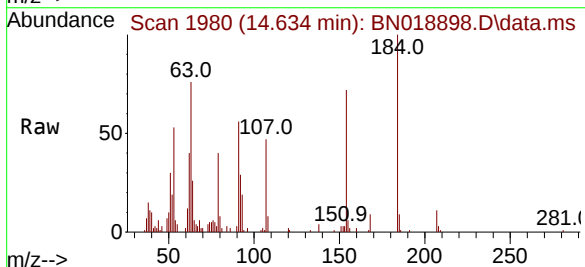
Manual Integrations  
APPROVED

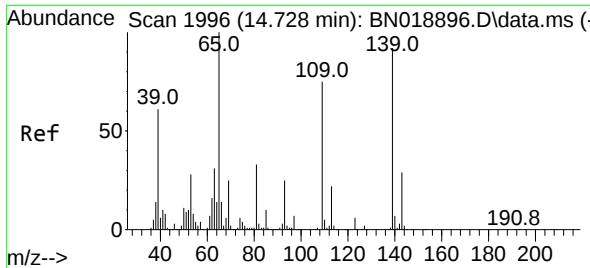
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#53  
2,4-Dinitrophenol  
Concen: 5.121 ng/ul m  
RT: 14.634 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Tgt Ion:184 Resp: 21938  
Ion Ratio Lower Upper  
184 100  
63 75.5 55.9 83.9  
154 71.7 53.1 79.7





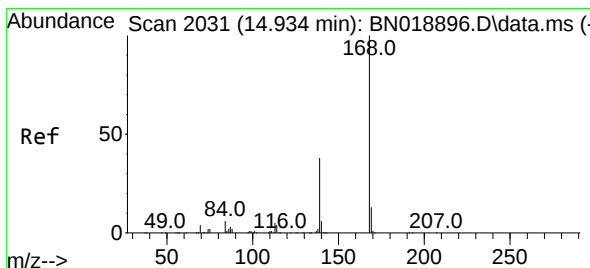
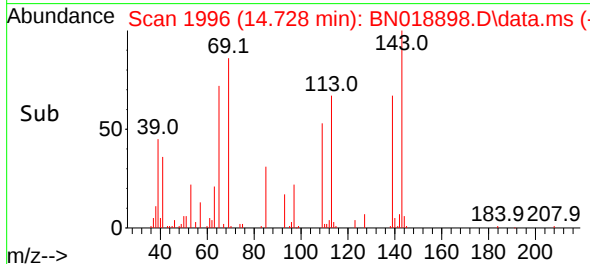
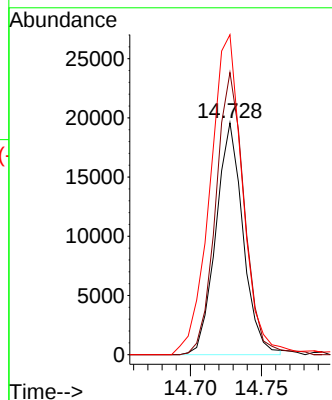
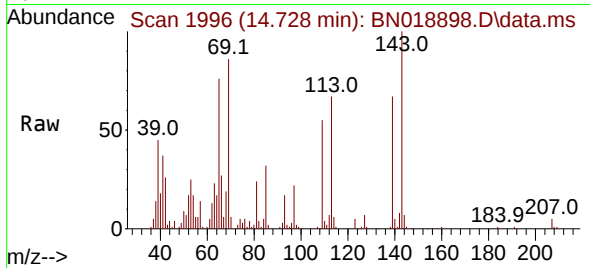
#55  
4-Nitrophenol  
Concen: 4.375 ng/ul  
RT: 14.728 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02

Tgt Ion:109 Resp: 2602  
Ion Ratio Lower Upper  
109 100  
139 121.8 100.1 150.1  
65 138.0 104.6 157.0

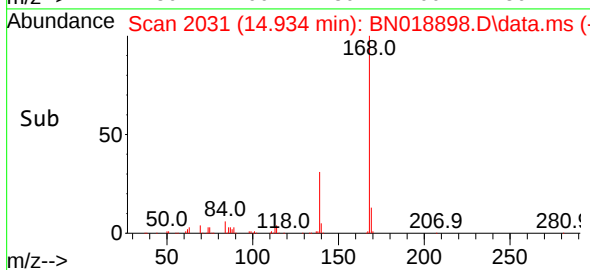
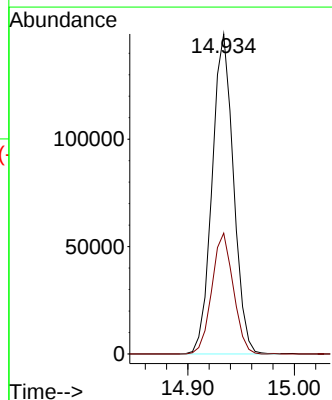
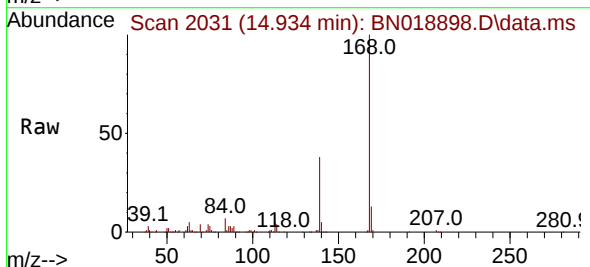
Manual Integrations  
APPROVED

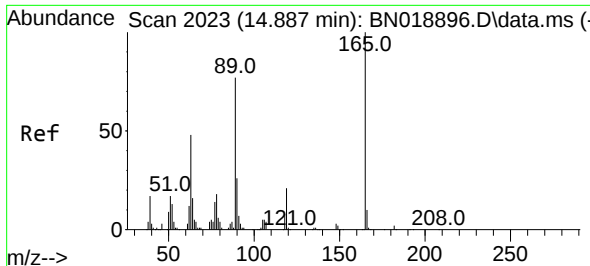
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#56  
Dibenzofuran  
Concen: 4.954 ng/ul  
RT: 14.934 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

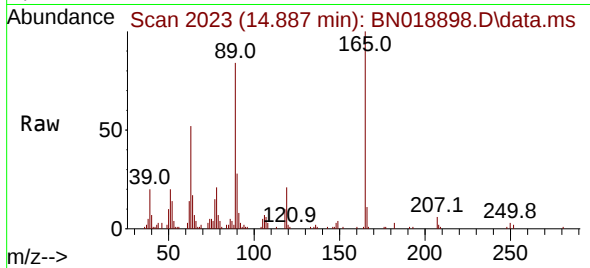
Tgt Ion:168 Resp: 207981  
Ion Ratio Lower Upper  
168 100  
139 37.8 31.1 46.7





#57  
2,4-Dinitrotoluene  
Concen: 3.962 ng/ul  
RT: 14.887 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

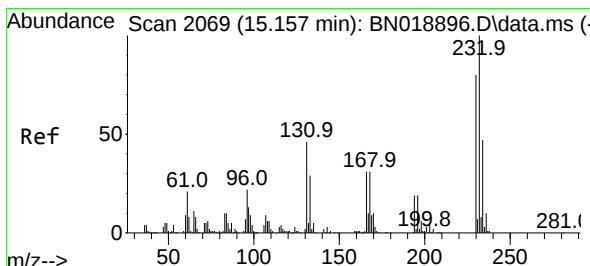
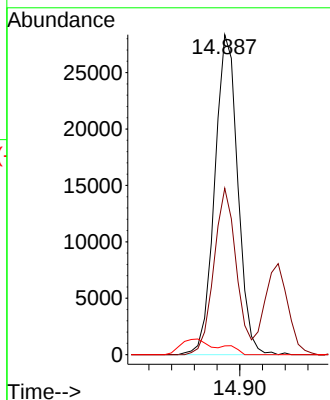
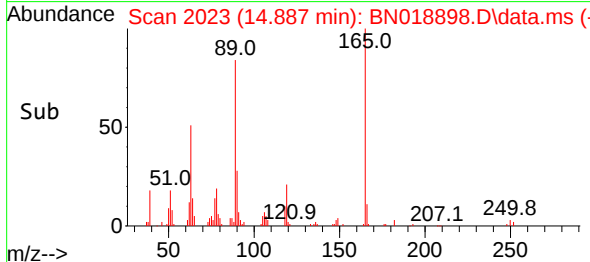
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



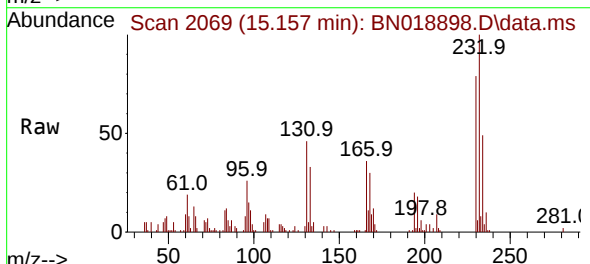
Tgt Ion:165 Resp: 39958  
Ion Ratio Lower Upper  
165 100  
63 52.0 36.3 54.5  
182 2.8 2.3 3.5

Manual Integrations  
APPROVED

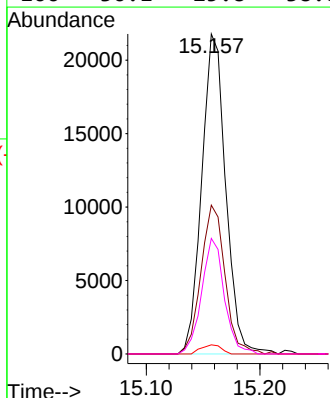
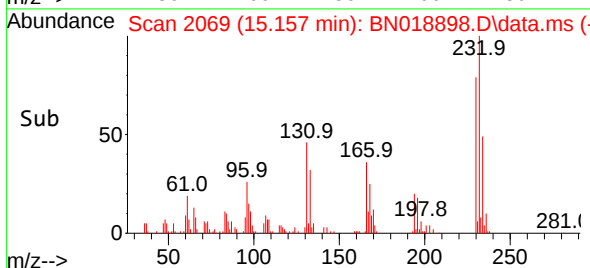
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

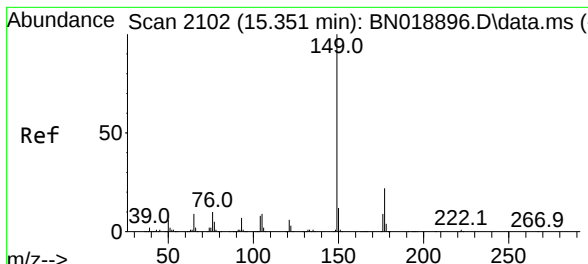


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 3.951 ng/ul  
RT: 15.157 min Scan# 2069  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



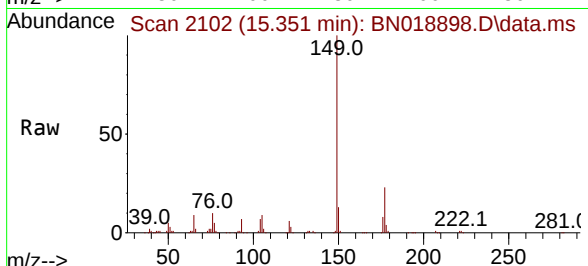
Tgt Ion:232 Resp: 31962  
Ion Ratio Lower Upper  
232 100  
131 46.5 38.5 57.7  
130 2.8 2.2 3.2  
166 36.1 25.8 38.8





#59  
 Diethylphthalate  
 Concen: 4.450 ng/ul  
 RT: 15.351 min Scan# 2102  
 Delta R.T. 0.000 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21

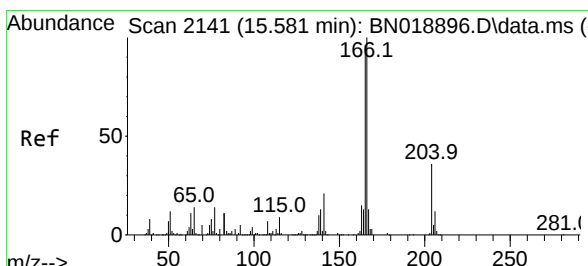
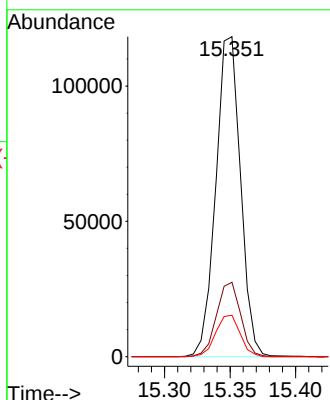
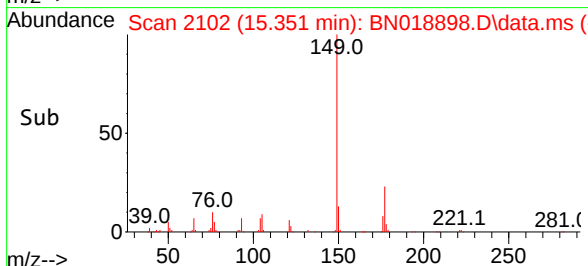
Instrument : BNA\_N  
 ClientSampleId : MDL-WATER-QT1-2022-02



|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 149  | Resp: | 15488 |
| Ion Ratio | 100  | Lower | Upper |
| 149       | 100  |       |       |
| 177       | 23.3 | 17.8  | 26.8  |
| 150       | 13.0 | 10.5  | 15.7  |

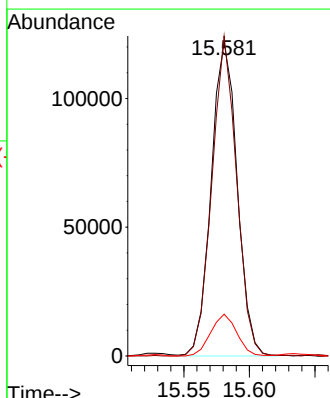
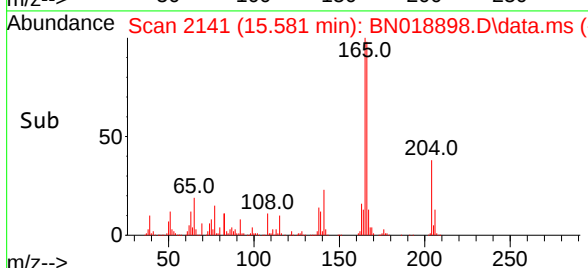
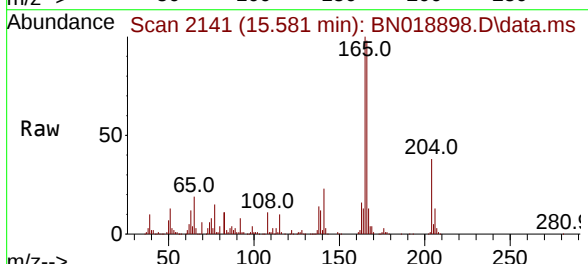
Manual Integrations  
 APPROVED

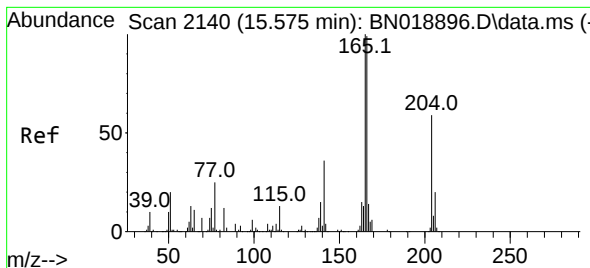
Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022



#61  
 Fluorene  
 Concen: 5.092 ng/ul  
 RT: 15.581 min Scan# 2141  
 Delta R.T. -0.006 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21

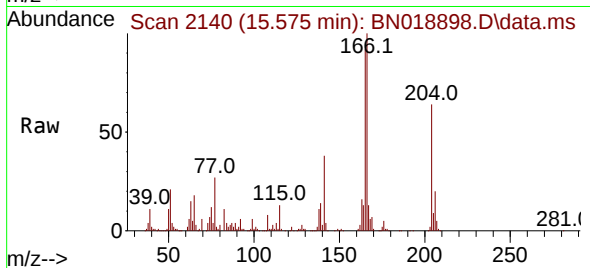
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 168320 |
| Ion Ratio | 100   | Lower | Upper  |
| 166       | 100   |       |        |
| 165       | 102.0 | 77.7  | 116.5  |
| 167       | 13.3  | 11.1  | 16.7   |





#62  
4-Chlorophenyl-phenylether  
Concen: 5.182 ng/ul  
RT: 15.575 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

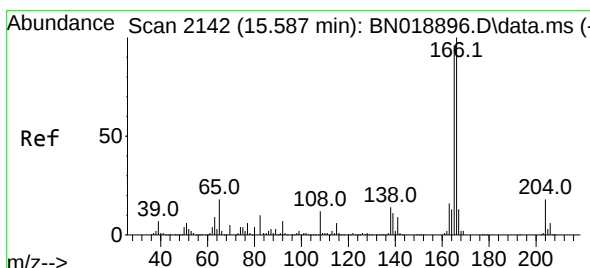
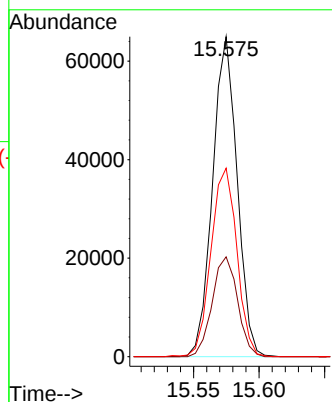
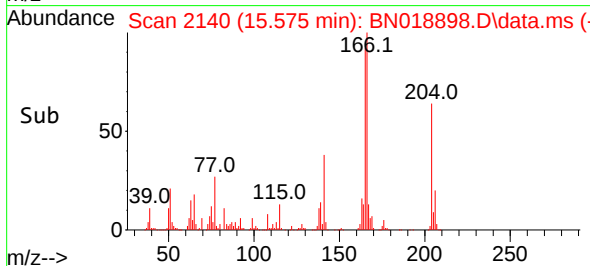
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



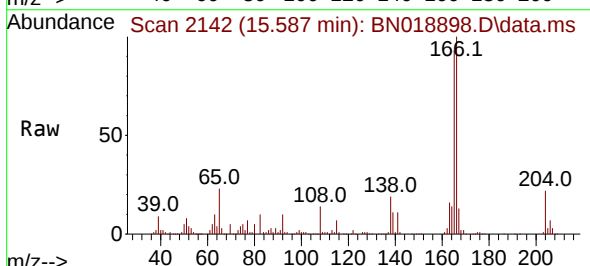
Tgt Ion:204 Resp: 84378  
Ion Ratio Lower Upper  
204 100  
206 31.2 26.7 40.1  
141 58.9 50.2 75.2

Manual Integrations  
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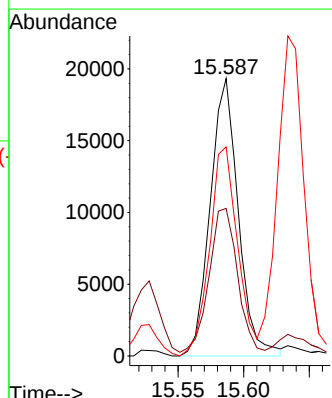
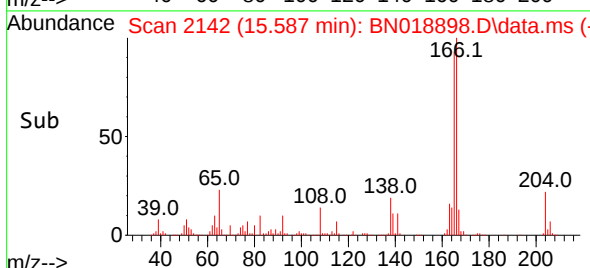
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

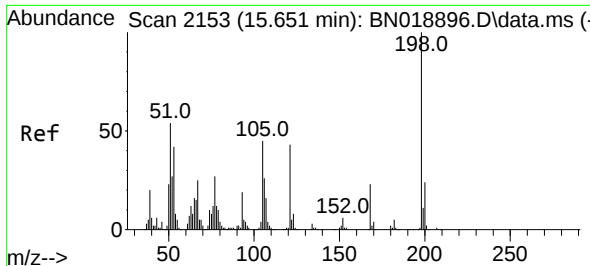


#63  
4-Nitroaniline  
Concen: 4.760 ng/ul  
RT: 15.587 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



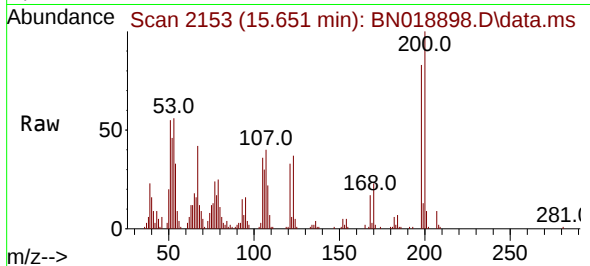
Tgt Ion:138 Resp: 28773  
Ion Ratio Lower Upper  
138 100  
92 53.2 41.0 61.6  
108 75.4 65.3 97.9





#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.490 ng/ul  
RT: 15.651 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

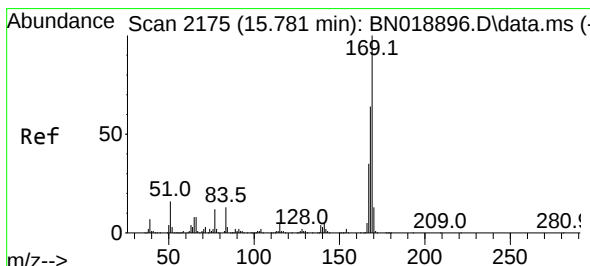
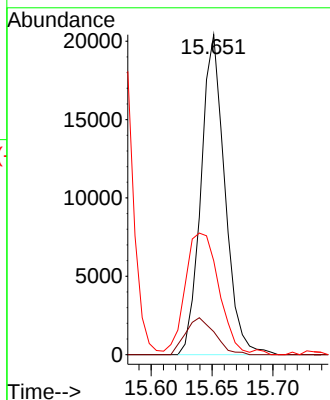
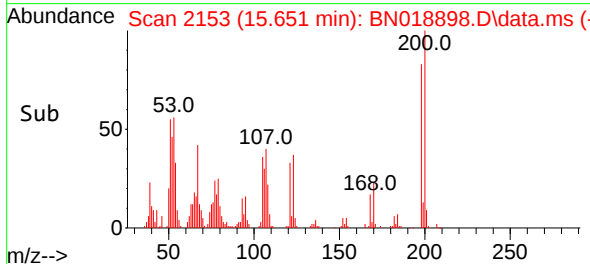
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



Tgt Ion:198 Resp: 2782  
Ion Ratio Lower Upper  
198 100  
182 7.2 3.0 4.4  
77 29.3 20.1 30.1

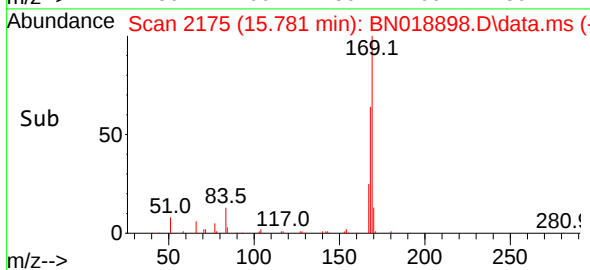
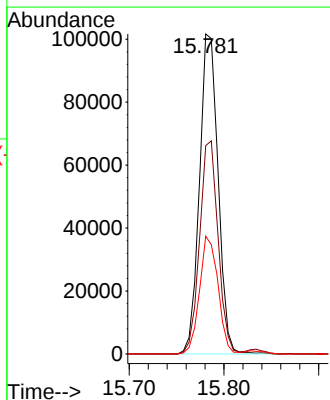
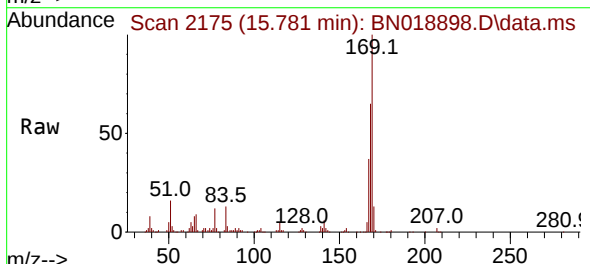
Manual Integrations  
APPROVED

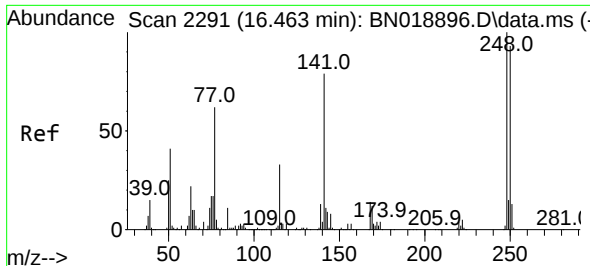
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#67  
N-Nitrosodiphenylamine  
Concen: 4.743 ng/ul  
RT: 15.781 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

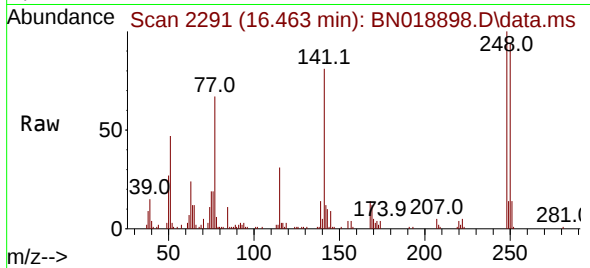
Tgt Ion:169 Resp: 138775  
Ion Ratio Lower Upper  
169 100  
168 65.1 52.4 78.6  
167 36.8 27.5 41.3





#68  
4-Bromophenyl-phenylether  
Concen: 4.536 ng/ul  
RT: 16.463 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

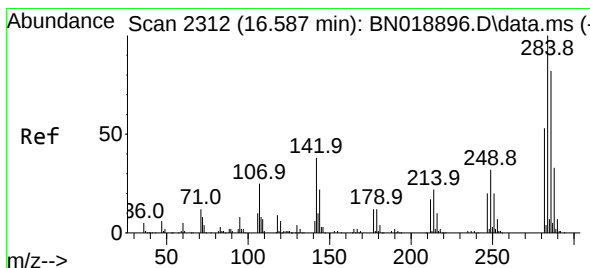
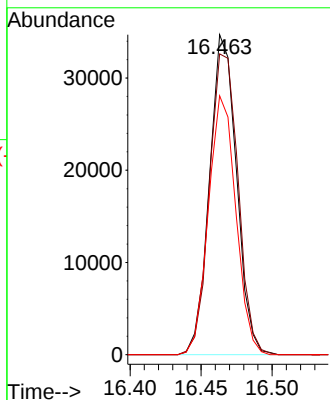
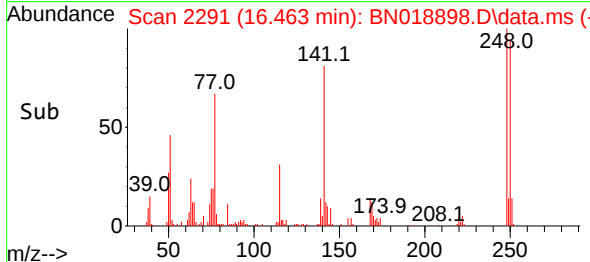
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



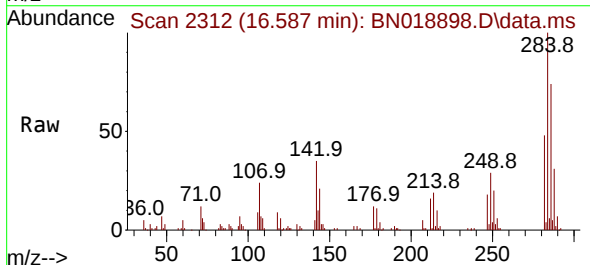
Tgt Ion:248 Resp: 45878  
Ion Ratio Lower Upper  
248 100  
250 94.0 77.8 116.8  
141 80.9 62.6 93.8

Manual Integrations  
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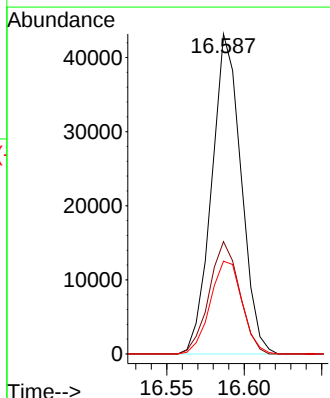
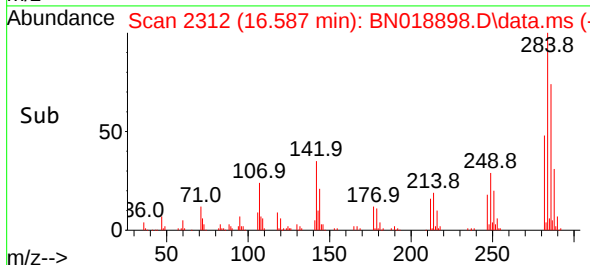
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

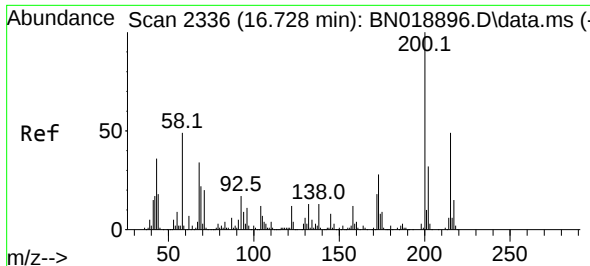


#69  
Hexachlorobenzene  
Concen: 4.915 ng/ul  
RT: 16.587 min Scan# 2312  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



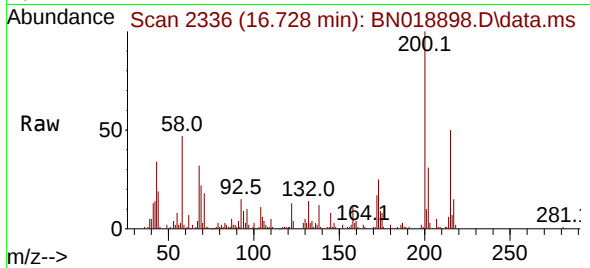
Tgt Ion:284 Resp: 57002  
Ion Ratio Lower Upper  
284 100  
142 35.1 27.8 41.8  
249 29.0 25.7 38.5





#70  
Atrazine  
Concen: 3.987 ng/ul  
RT: 16.728 min Scan# 2336  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

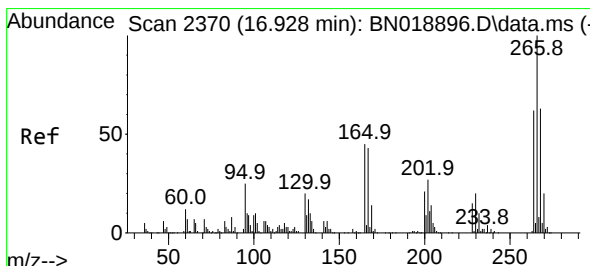
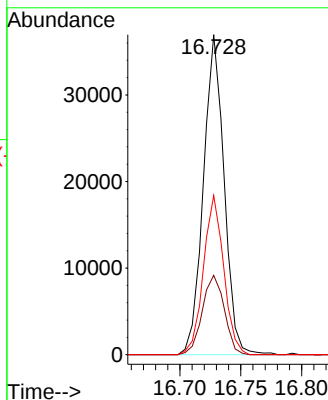
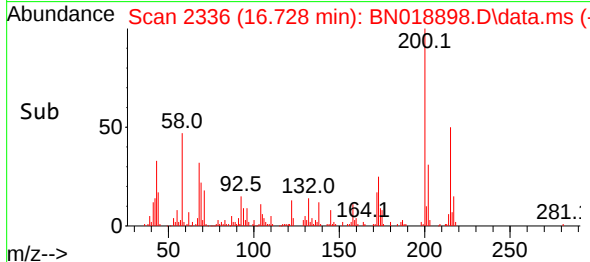
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



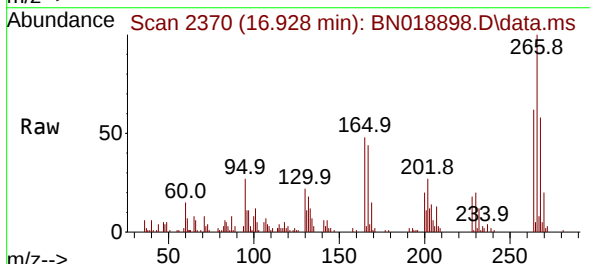
Tgt Ion:200 Resp: 43710  
Ion Ratio Lower Upper  
200 100  
173 24.8 20.5 30.7  
215 49.7 38.9 58.3

Manual Integrations  
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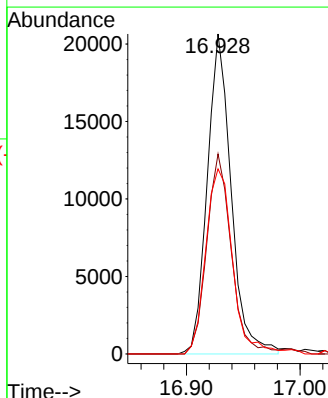
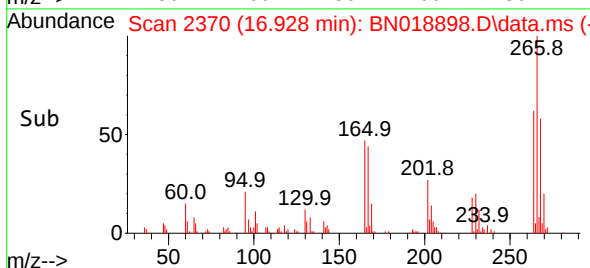
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

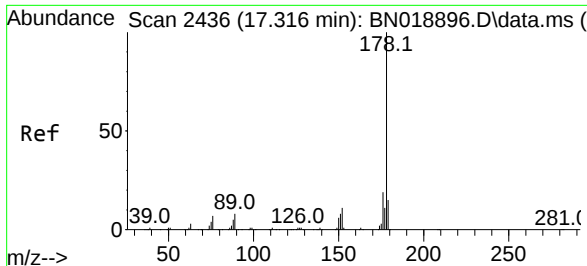


#71  
Pentachlorophenol  
Concen: 4.176 ng/ul  
RT: 16.928 min Scan# 2370  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



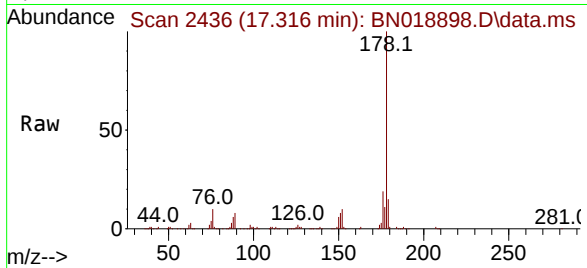
Tgt Ion:266 Resp: 30175  
Ion Ratio Lower Upper  
266 100  
264 62.5 50.2 75.2  
268 57.9 49.3 73.9





#72  
Phenanthrene  
Concen: 5.057 ng/u1  
RT: 17.316 min Scan# 2436  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

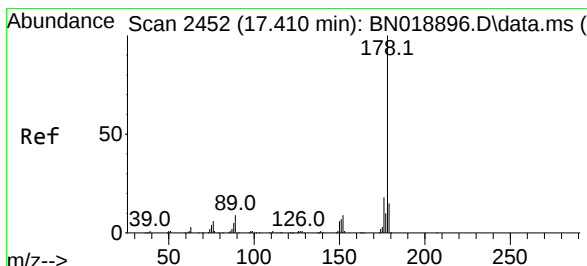
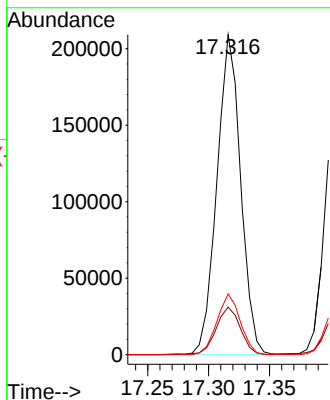
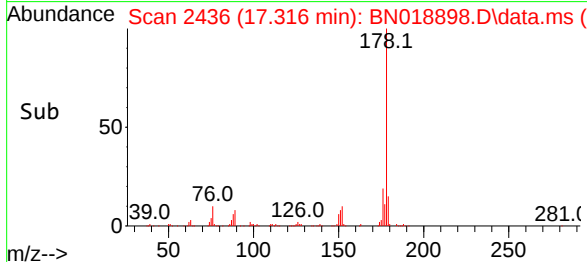
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



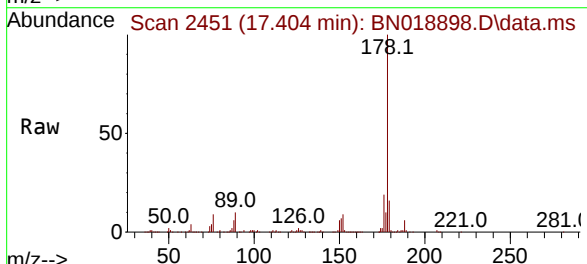
Tgt Ion:178 Resp: 282693  
Ion Ratio Lower Upper  
178 100  
179 14.8 12.2 18.4  
176 19.0 15.2 22.8

Manual Integrations  
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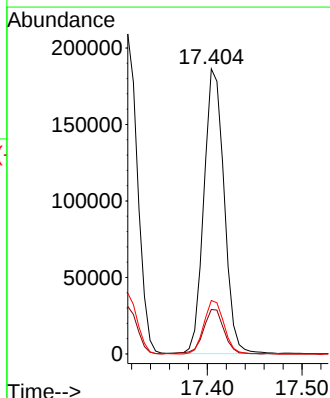
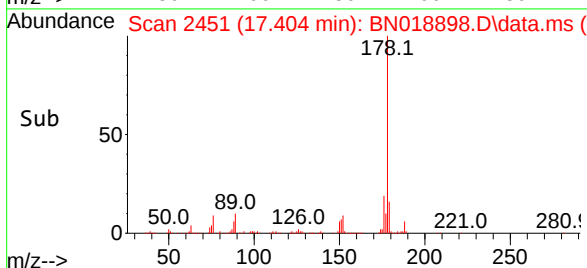
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

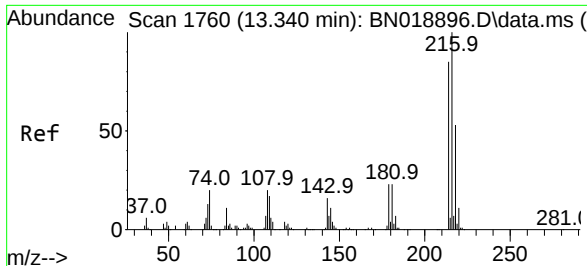


#74  
Anthracene  
Concen: 4.952 ng/u1  
RT: 17.404 min Scan# 2451  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



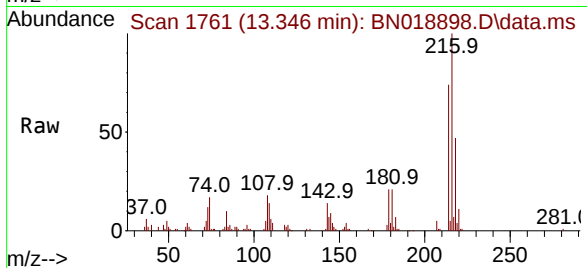
Tgt Ion:178 Resp: 276033  
Ion Ratio Lower Upper  
178 100  
179 15.6 13.0 19.4  
176 18.7 15.5 23.3





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.821 ng/uL  
RT: 13.346 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

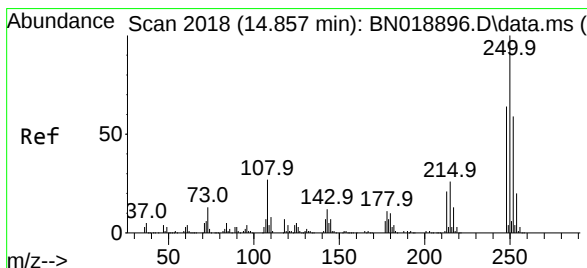
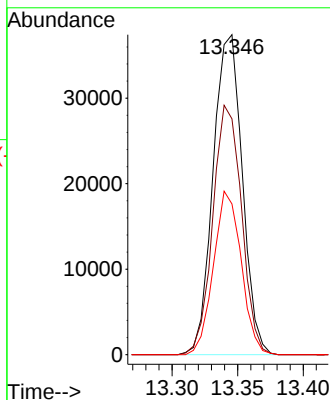
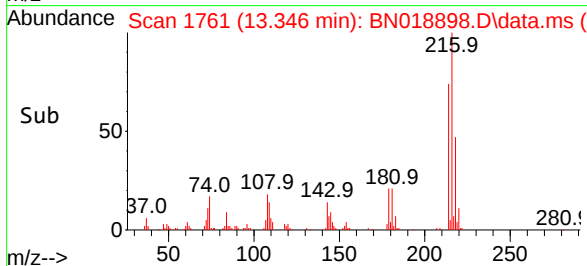
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-QT1-2022-02



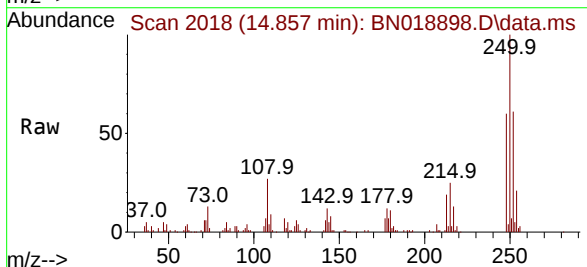
Tgt Ion:216 Resp: 5798  
Ion Ratio Lower Upper  
216 100  
214 73.7 63.2 94.8  
218 47.1 37.9 56.9

Manual Integrations  
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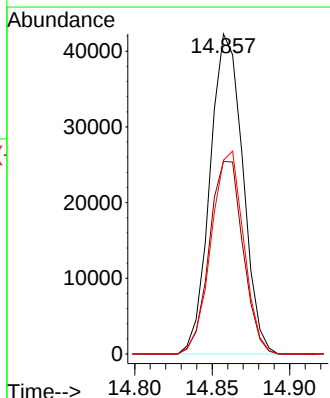
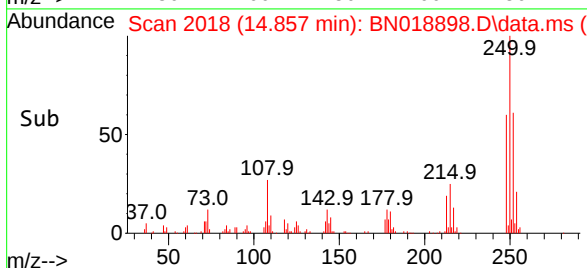
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

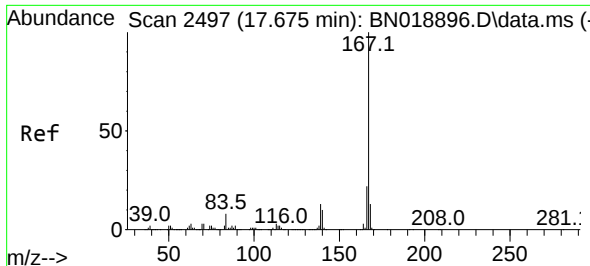


#76  
Pentachlorobenzene  
Concen: 4.529 ng/uL  
RT: 14.857 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



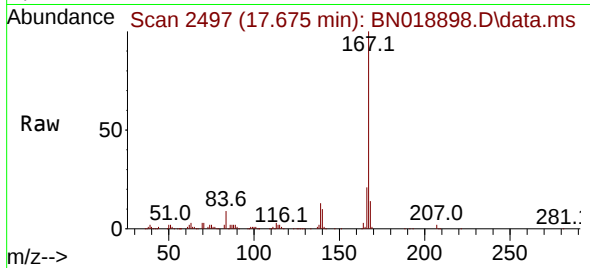
Tgt Ion:250 Resp: 62176  
Ion Ratio Lower Upper  
250 100  
248 60.2 53.0 79.4  
252 60.5 53.4 80.2





#77  
 Carbazole  
 Concen: 4.697 ng/ul  
 RT: 17.675 min Scan# 2497  
 Delta R.T. 0.000 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21

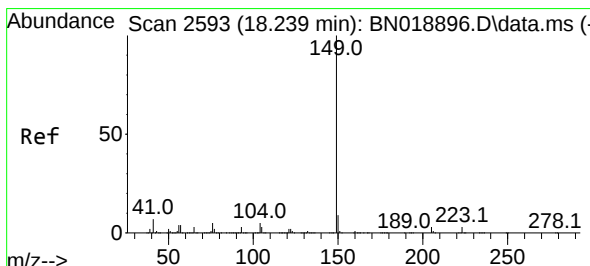
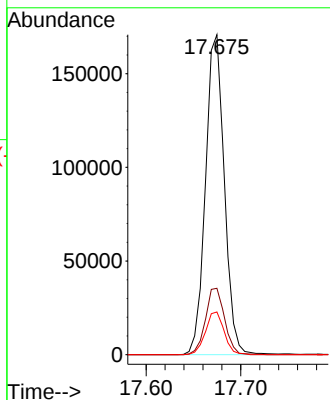
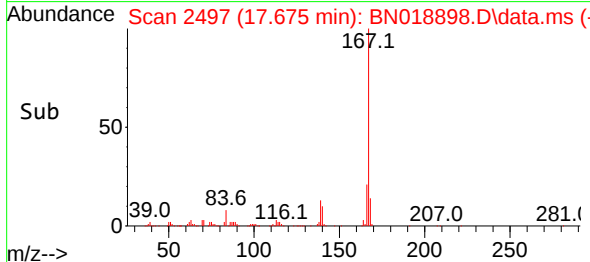
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-QT1-2022-02



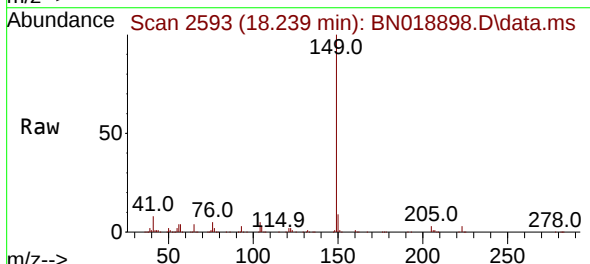
Tgt Ion:167 Resp: 236400  
 Ion Ratio Lower Upper  
 167 100  
 166 20.7 16.1 24.1  
 139 13.3 10.2 15.2

Manual Integrations  
 APPROVED

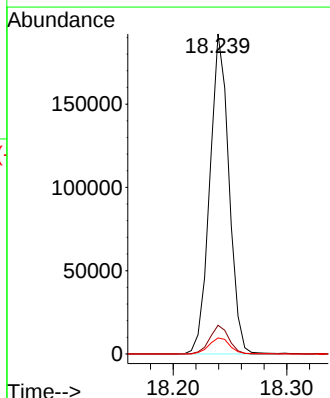
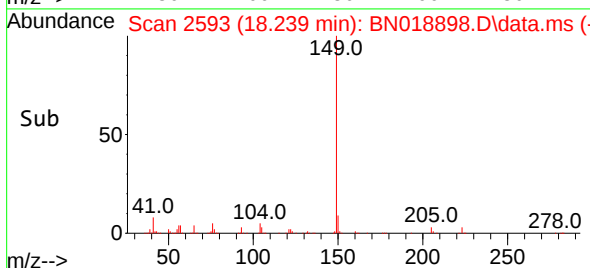
Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

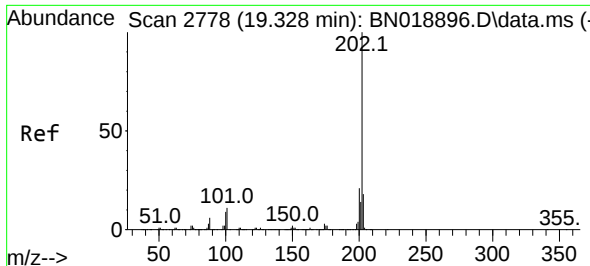


#78  
 Di-n-butylphthalate  
 Concen: 3.988 ng/ul  
 RT: 18.239 min Scan# 2593  
 Delta R.T. -0.006 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21



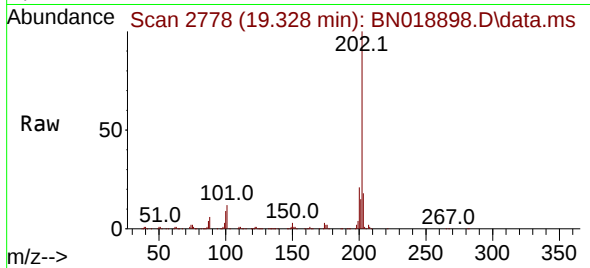
Tgt Ion:149 Resp: 225599  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.1 10.7  
 104 5.0 4.1 6.1





#80  
Fluoranthene  
Concen: 4.511 ng/ul  
RT: 19.328 min Scan# 2778  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

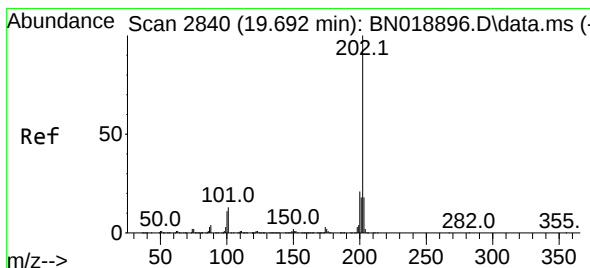
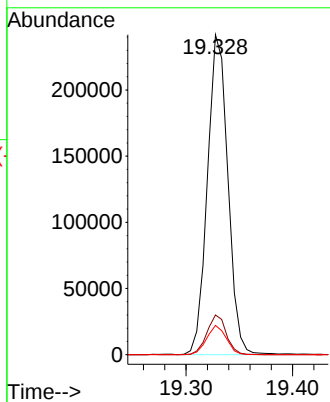
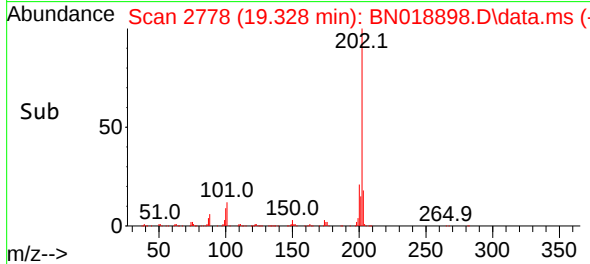
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:202 Resp: 323409  
Ion Ratio Lower Upper  
202 100  
101 12.4 8.9 13.3  
100 9.2 6.7 10.1

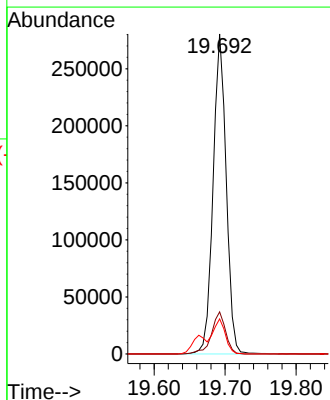
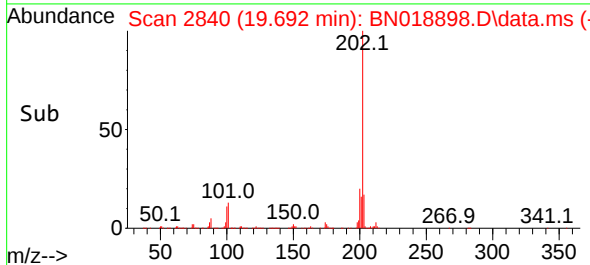
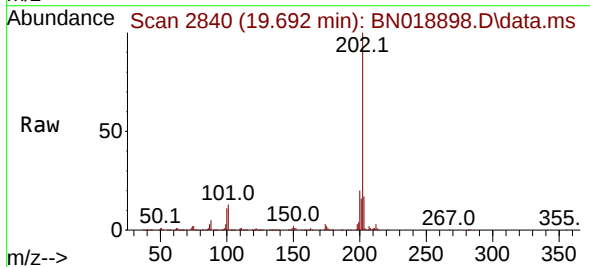
Manual Integrations  
APPROVED

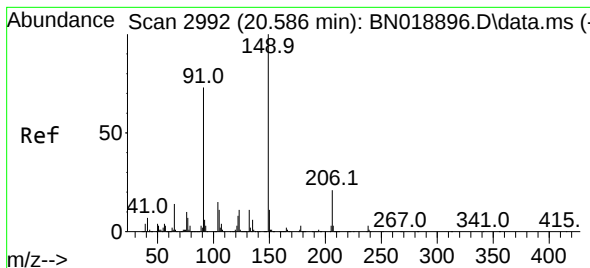
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#82  
Pyrene  
Concen: 4.896 ng/ul  
RT: 19.692 min Scan# 2840  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Tgt Ion:202 Resp: 358565  
Ion Ratio Lower Upper  
202 100  
101 13.2 9.7 14.5  
100 11.0 8.0 12.0





#83

Butylbenzylphthalate

Concen: 3.200 ng/ul

RT: 20.586 min Scan# 2992

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

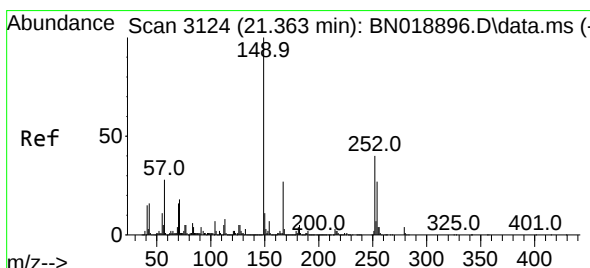
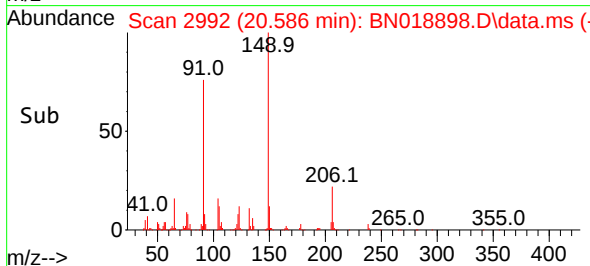
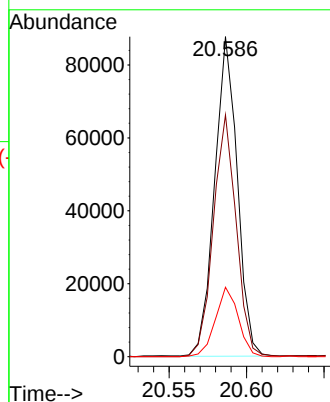
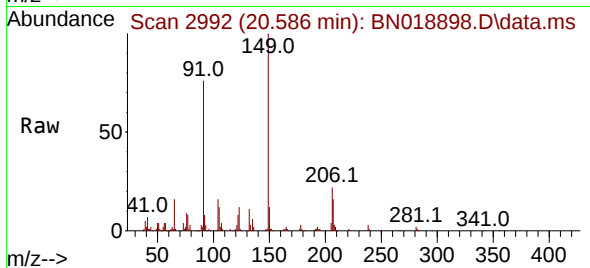
MDL-WATER-QT1-2022-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 89225 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 75.5  | 58.8  | 88.2  |
| 206       | 21.7  | 18.1  | 27.1  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#84

3,3'-Dichlorobenzidine

Concen: 4.546 ng/ul

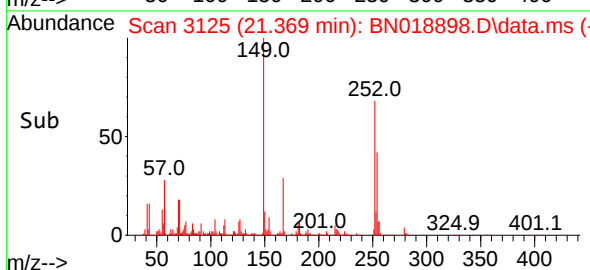
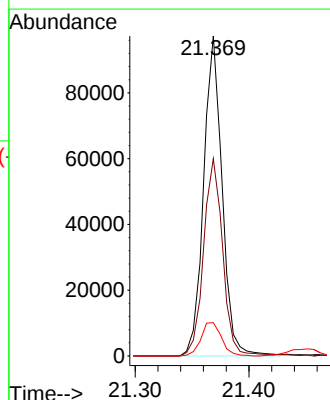
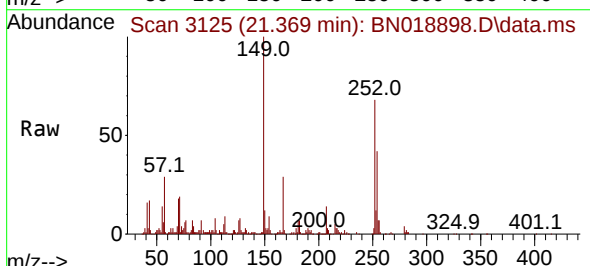
RT: 21.369 min Scan# 3125

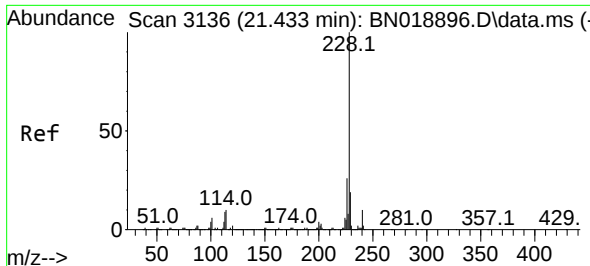
Delta R.T. 0.000 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

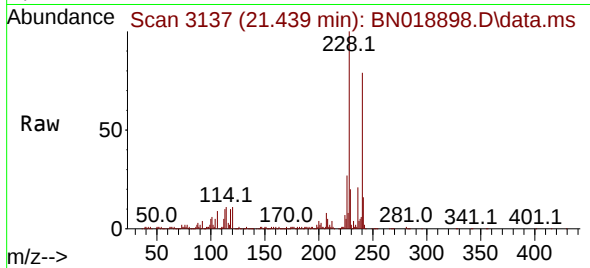
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 110244 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 61.6  | 50.8  | 76.2   |
| 126       | 10.4  | 8.2   | 12.4   |





#85  
Benzo(a)anthracene  
Concen: 4.691 ng/ul  
RT: 21.439 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

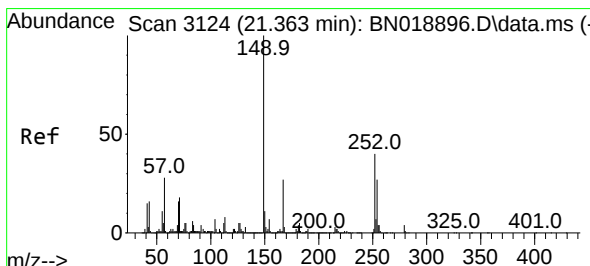
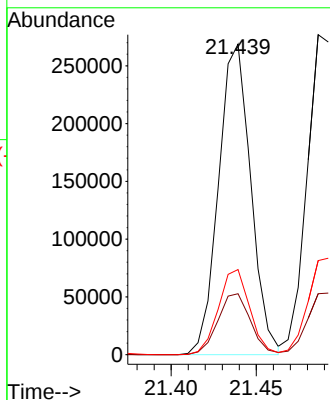
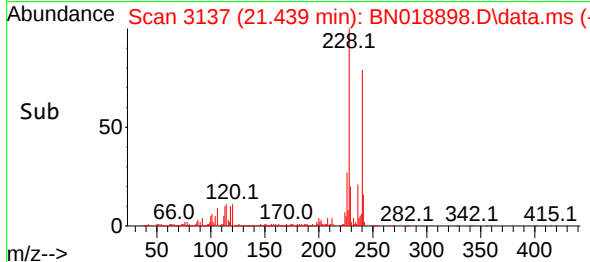
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



Tgt Ion:228 Resp: 354678  
Ion Ratio Lower Upper  
228 100  
229 19.6 16.3 24.5  
226 27.4 23.2 34.8

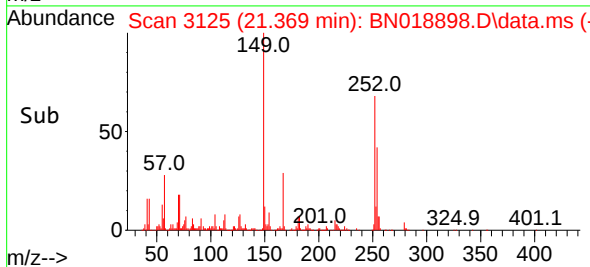
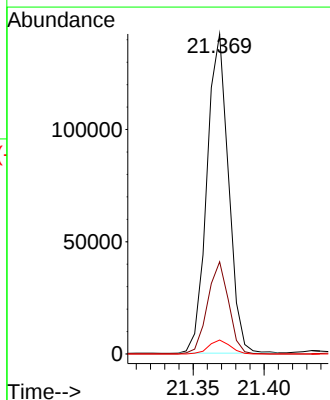
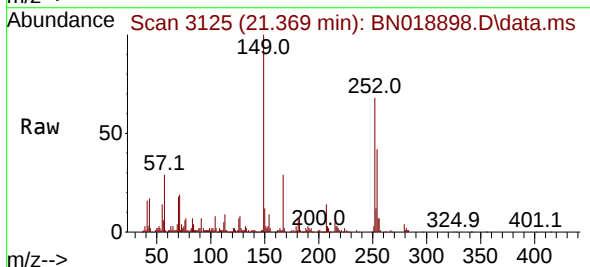
Manual Integrations  
APPROVED

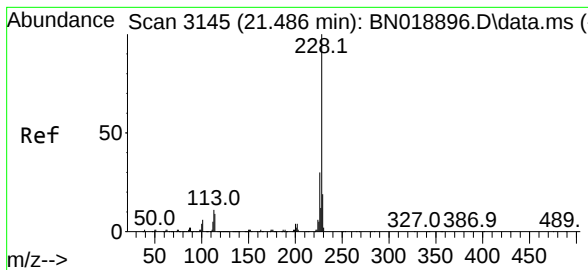
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.567 ng/ul  
RT: 21.369 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

Tgt Ion:149 Resp: 149650  
Ion Ratio Lower Upper  
149 100  
167 28.8 22.5 33.7  
279 4.4 3.5 5.3





#87

Chrysene

Concen: 4.961 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-QT1-2022-02

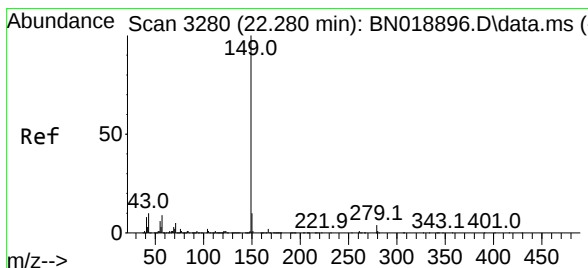
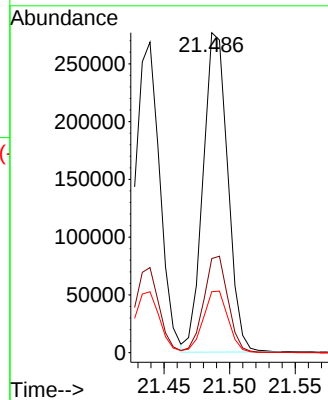
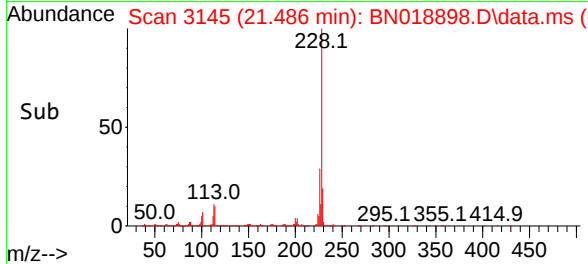
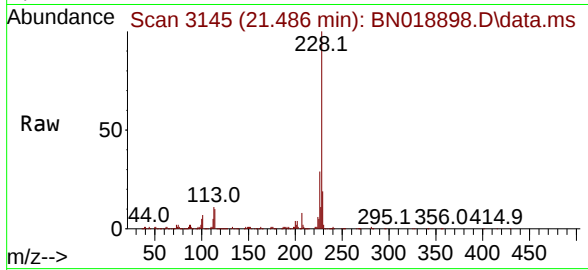
Tgt Ion:228 Resp: 363209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.4  | 24.2  | 36.2  |
| 229 | 19.1  | 16.2  | 24.2  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#89

Di-n-octyl phthalate

Concen: 3.561 ng/ul

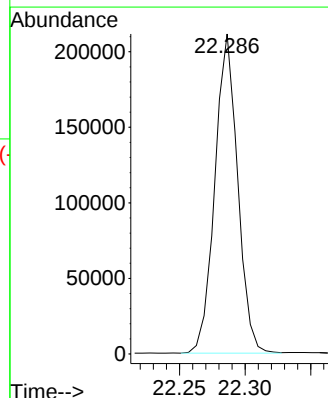
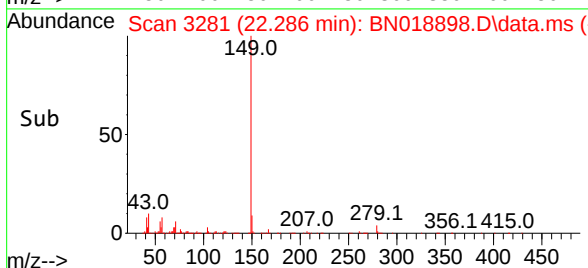
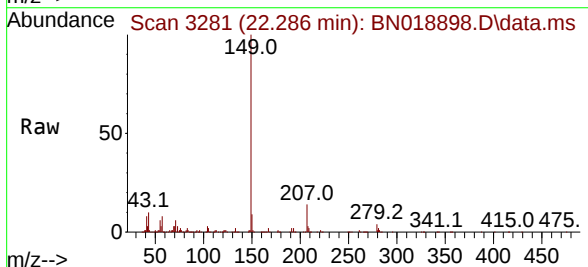
RT: 22.286 min Scan# 3281

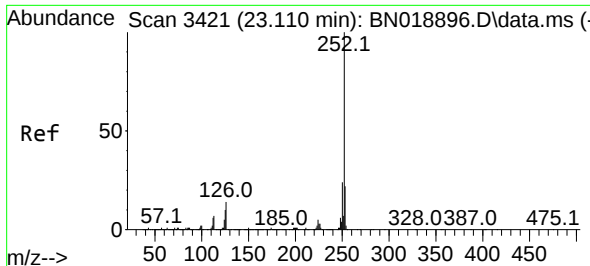
Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

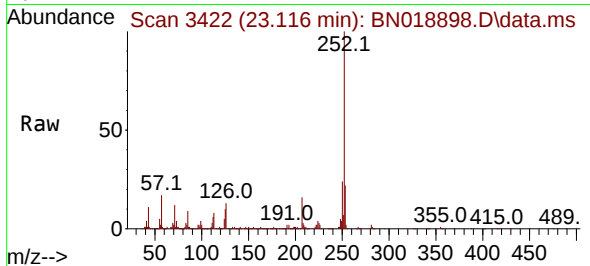
Tgt Ion:149 Resp: 254731





#90  
Benzo(b)fluoranthene  
Concen: 4.953 ng/ul  
RT: 23.116 min Scan# 3421  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21

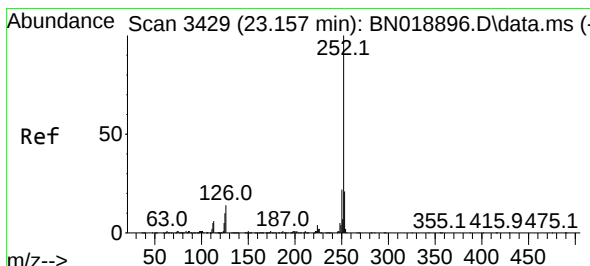
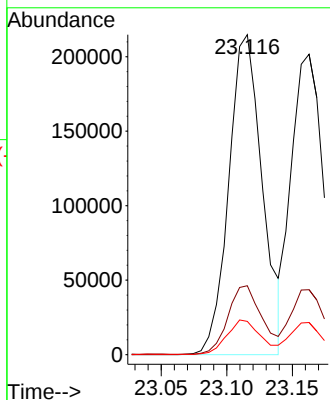
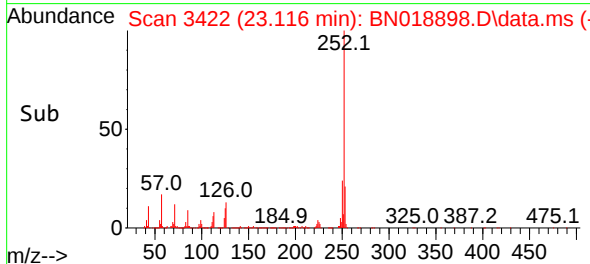
Instrument : BNA\_N  
ClientSampleId : MDL-WATER-QT1-2022-02



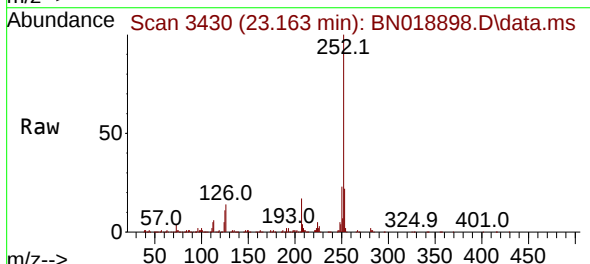
Tgt Ion:252 Resp: 382449  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.5 24.7  
125 10.4 7.8 11.8

Manual Integrations  
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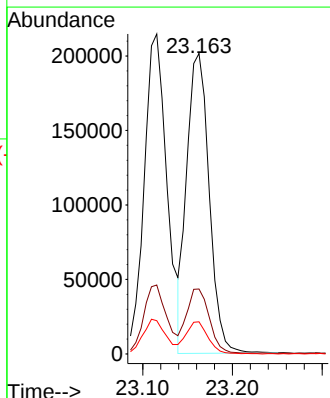
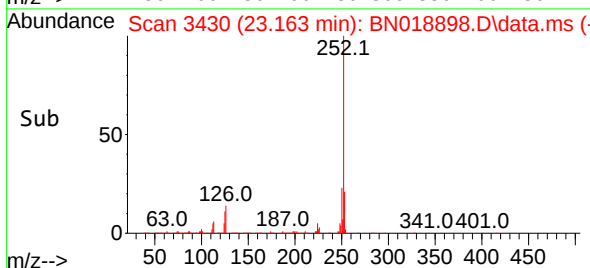
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

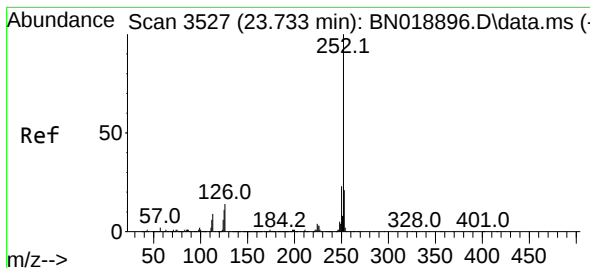


#91  
Benzo(k)fluoranthene  
Concen: 4.876 ng/ul  
RT: 23.163 min Scan# 3430  
Delta R.T. -0.006 min  
Lab File: BN018898.D  
Acq: 10 Mar 2022 11:21



Tgt Ion:252 Resp: 349423  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.2 27.4  
125 10.7 8.2 12.4





#93

Benzo(a)pyrene

Concen: 5.101 ng/ul

RT: 23.739 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

Instrument :

BNA\_N

ClientSampleId :

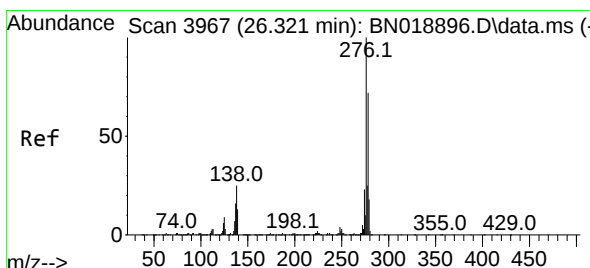
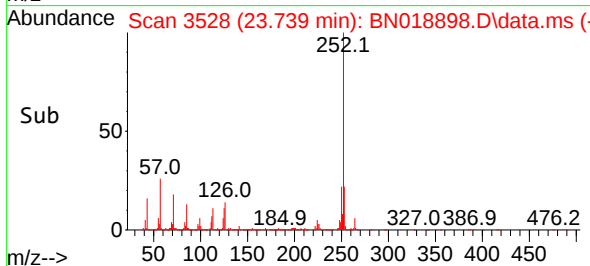
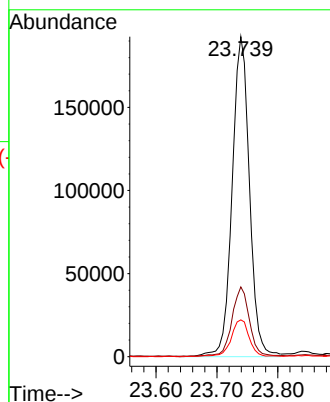
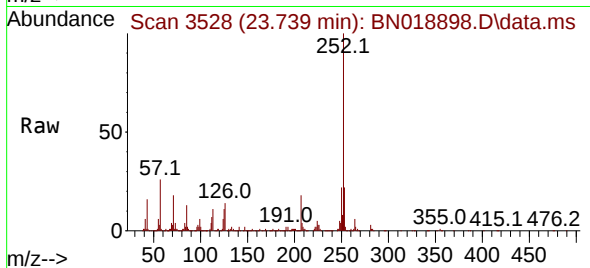
MDL-WATER-QT1-2022-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 38130 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.8  | 18.7  | 28.1  |
| 125       | 11.5  | 9.2   | 13.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.733 ng/ul

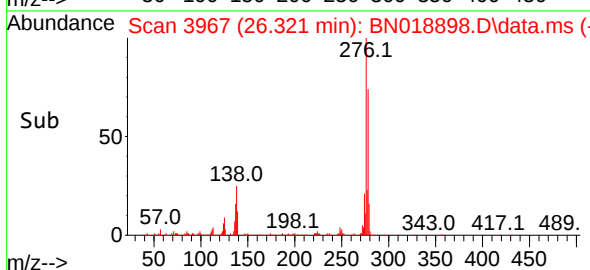
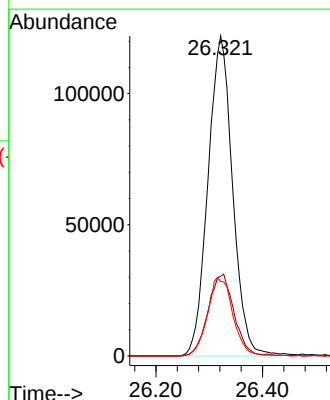
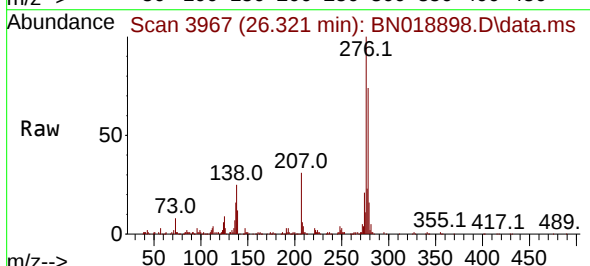
RT: 26.321 min Scan# 3967

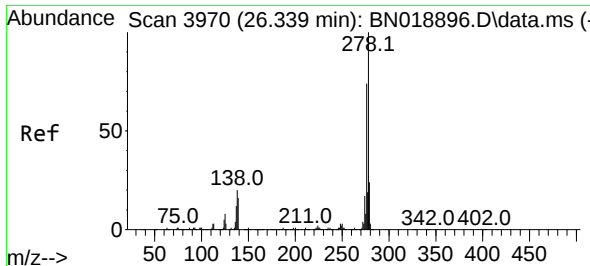
Delta R.T. -0.012 min

Lab File: BN018898.D

Acq: 10 Mar 2022 11:21

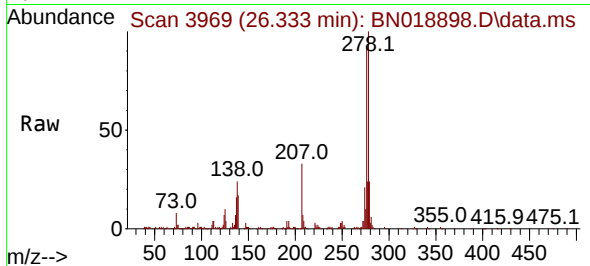
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 391848 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.9  | 19.5  | 29.3   |
| 277       | 23.2  | 21.4  | 32.0   |





#95  
 Dibenzo(a,h)anthracene  
 Concen: 4.602 ng/ul  
 RT: 26.333 min Scan# 3969  
 Delta R.T. -0.023 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21

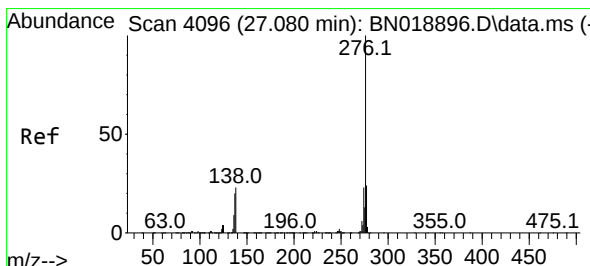
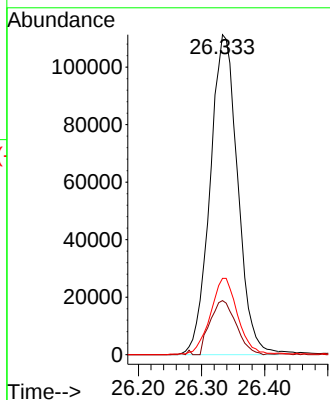
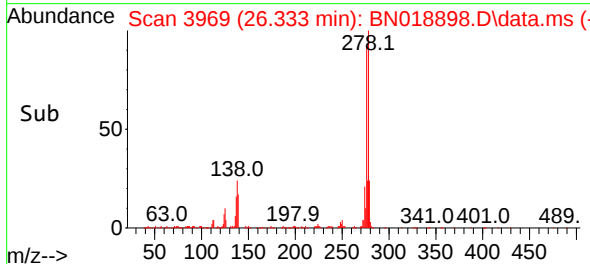
Instrument : BNA\_N  
 ClientSampleId :  
 MDL-WATER-QT1-2022-02



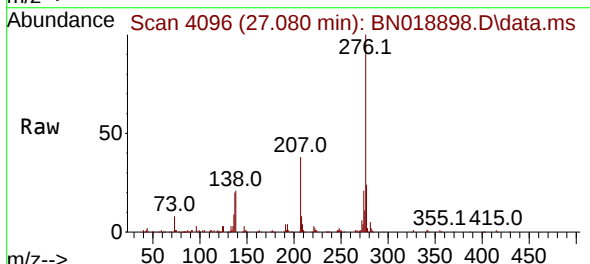
Tgt Ion: 278 Resp: 33776  
 Ion Ratio Lower Upper  
 278 100  
 139 16.9 13.8 20.8  
 279 23.8 18.3 27.5

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022



#96  
 Benzo(g,h,i)perylene  
 Concen: 4.482 ng/ul  
 RT: 27.080 min Scan# 4096  
 Delta R.T. -0.018 min  
 Lab File: BN018898.D  
 Acq: 10 Mar 2022 11:21



Tgt Ion: 276 Resp: 330197  
 Ion Ratio Lower Upper  
 276 100  
 138 21.1 17.0 25.6  
 277 24.2 17.8 26.6

