

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032621\  
 Data File : BM029238.D  
 Acq On : 26 Mar 2021 17:36  
 Operator : CG/JU  
 Sample : M1458-08  
 Misc : LOQ--WTR-10PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Manual Integrations  
 APPROVED

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 3/29/2021 3:27:16 PM

Quant Time: Mar 26 19:11:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:33:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.757  | 152  | 85395    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 343227   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.380 | 164  | 205783   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 430659   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.286 | 240  | 456574   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 23.521 | 264  | 467685   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 478459   | 96.58 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.922  | 99   | 667822   | 93.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.904  | 82   | 504686   | 71.39 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.863 | 330  | 180196   | 94.56 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 1046425  | 72.13 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 1478659  | 65.06 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 23209    | 10.31 | ng    | # 95     |
| 3) Pyridine                   | 3.705  | 79   | 59059    | 10.88 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.622  | 42   | 24097    | 9.89  | ng    | # 99     |
| 6) Aniline                    | 7.087  | 93   | 93190    | 12.10 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.322  | 128  | 58415    | 10.45 | ng    | 93       |
| 9) Benzaldehyde               | 6.904  | 77   | 57507    | 12.88 | ng    | 98       |
| 10) Phenol                    | 6.946  | 94   | 77521    | 11.04 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.187  | 93   | 54819    | 10.91 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.646  | 146  | 67685    | 10.82 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.793  | 146  | 69193    | 10.91 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.104  | 146  | 66252    | 10.87 | ng    | 95       |
| 15) Benzyl Alcohol            | 7.993  | 79   | 52894    | 10.28 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281  | 45   | 90115    | 11.69 | ng    | 98       |
| 17) 2-Methylphenol            | 8.193  | 107  | 47234    | 10.47 | ng    | 98       |
| 18) Hexachloroethane          | 8.828  | 117  | 24522    | 10.64 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.557  | 70   | 48456    | 10.56 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.510  | 107  | 62487    | 10.34 | ng    | 97       |
| 22) Acetophenone              | 8.569  | 105  | 90455    | 10.53 | ng    | # 98     |
| 24) Nitrobenzene              | 8.946  | 77   | 80663    | 10.93 | ng    | 98       |
| 25) Isophorone                | 9.469  | 82   | 119592   | 9.85  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.657  | 139  | 21397    | 8.70  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 50027    | 10.61 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.951  | 93   | 74400    | 11.59 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.181 | 162  | 48564    | 9.47  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.398 | 180  | 58928    | 10.12 | ng    | 95       |
| 31) Naphthalene               | 10.587 | 128  | 186698   | 10.32 | ng    | 98       |
| 32) Benzoic acid              | 9.775  | 122  | 19957m   | 7.28  | ng    |          |
| 33) 4-Chloroaniline           | 10.692 | 127  | 74443    | 10.41 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 33217    | 9.82  | ng    | 97       |
| 35) Caprolactam               | 11.451 | 113  | 12438    | 7.99  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.810 | 107  | 54166    | 9.89  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.198 | 142  | 130464   | 10.31 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.422 | 142  | 122308   | 10.16 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 59014    | 10.23 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.551 | 237  | 33921    | 10.72 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.810 | 196  | 34470    | 9.18  | ng    | 96       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.875 | 196  | 38728    | 9.28  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.216 | 154  | 168452   | 10.77 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 129548   | 10.52 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 33763    | 9.35  | ng    | 95       |
| 49) Acenaphthylene            | 14.098 | 152  | 192516   | 10.27 | ng    | 99       |
| 50) Dimethylphthalate         | 13.839 | 163  | 155559   | 10.82 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.951 | 165  | 30367    | 9.76  | ng    | 88       |
| 52) Acenaphthene              | 14.445 | 154  | 126049   | 10.59 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.280 | 138  | 30795    | 9.78  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.480 | 184  | 11723    | 7.54  | ng    | 97       |
| 55) Dibenzofuran              | 14.780 | 168  | 198556   | 10.60 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.575 | 139  | 25380    | 8.82  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 38226    | 9.35  | ng    | 97       |
| 58) Fluorene                  | 15.427 | 166  | 161916   | 10.66 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 32578    | 9.52  | ng    | 97       |
| 60) Diethylphthalate          | 15.204 | 149  | 154405   | 10.90 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.422 | 204  | 74652    | 10.65 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.439 | 138  | 30915    | 9.32  | ng    | 98       |
| 63) Azobenzene                | 15.716 | 77   | 168605   | 10.41 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 17582    | 7.32  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.633 | 169  | 136070   | 9.87  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.316 | 248  | 36221    | 9.18  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.427 | 284  | 47401    | 10.20 | ng    | 96       |
| 69) Atrazine                  | 16.580 | 200  | 38603    | 8.87  | ng    | 99       |
| 70) Pentachlorophenol         | 16.763 | 266  | 23248    | 8.12  | ng    | 98       |
| 71) Phenanthrene              | 17.157 | 178  | 256974   | 10.29 | ng    | 98       |
| 72) Anthracene                | 17.251 | 178  | 247387   | 10.20 | ng    | 99       |
| 73) Carbazole                 | 17.516 | 167  | 232379   | 9.73  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.086 | 149  | 220148   | 9.56  | ng    | 99       |
| 75) Fluoranthene              | 19.168 | 202  | 279879   | 10.14 | ng    | 98       |
| 77) Benzidine                 | 19.357 | 184  | 109154   | 8.28  | ng    | 98       |
| 78) Pyrene                    | 19.533 | 202  | 300145   | 9.71  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.433 | 149  | 90214    | 8.64  | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.268 | 228  | 292329   | 9.81  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 92409    | 10.38 | ng    | 99       |
| 83) Chrysene                  | 21.321 | 228  | 289226   | 9.70  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 139256   | 9.28  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 217148   | 8.93  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.780 | 276  | 351248   | 10.27 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.851 | 252  | 298088   | 9.80  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.892 | 252  | 308368   | 10.43 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.421 | 252  | 265101   | 9.62  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 25.791 | 278  | 291621   | 9.96  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.468 | 276  | 294188   | 10.25 | ng    | 97       |

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

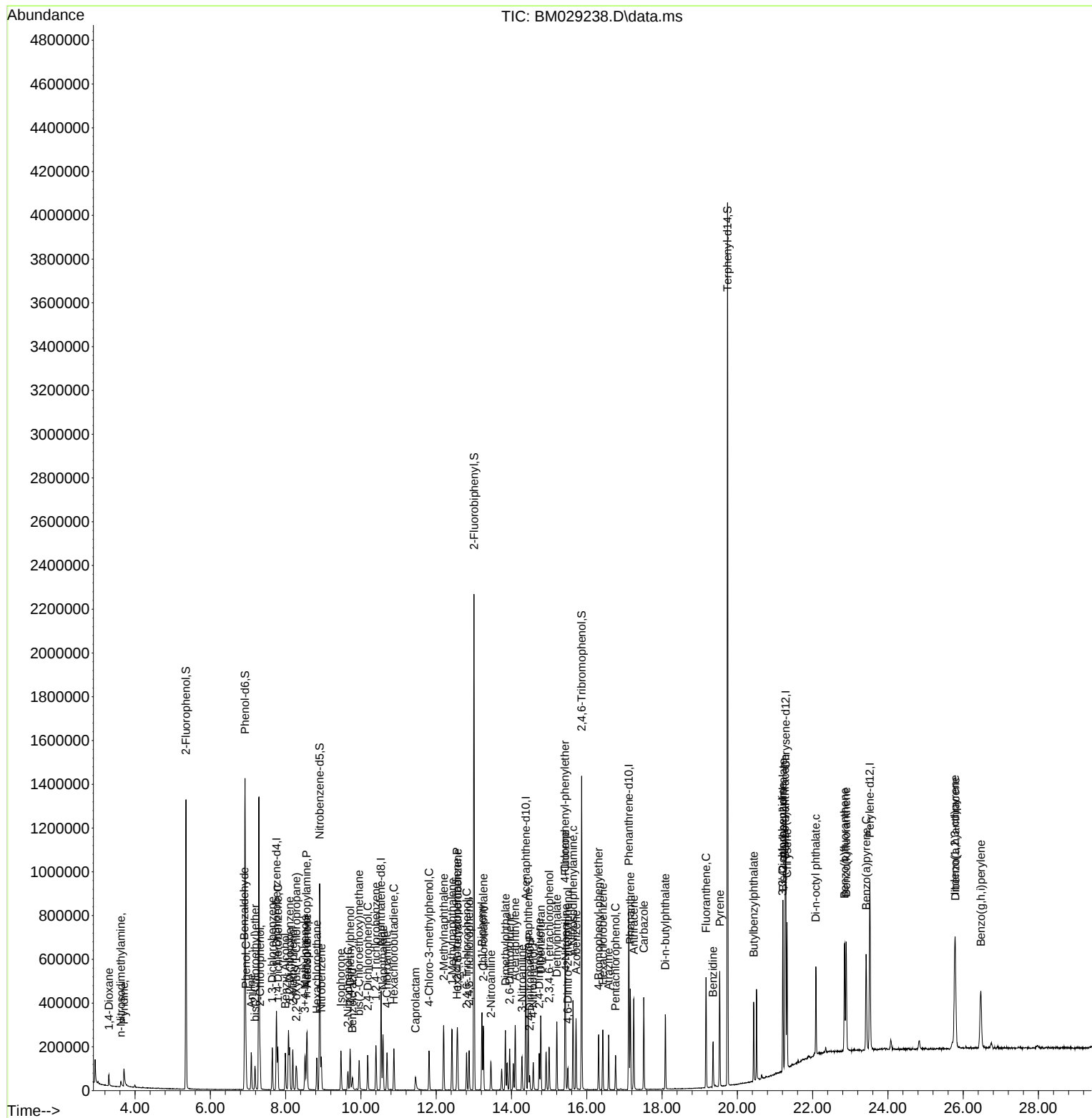
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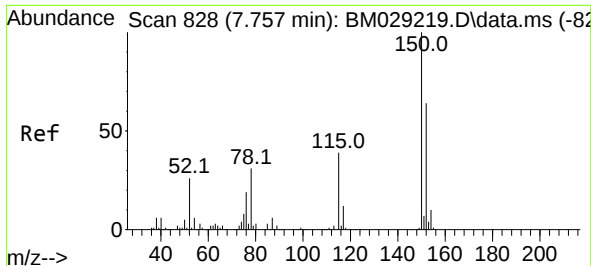
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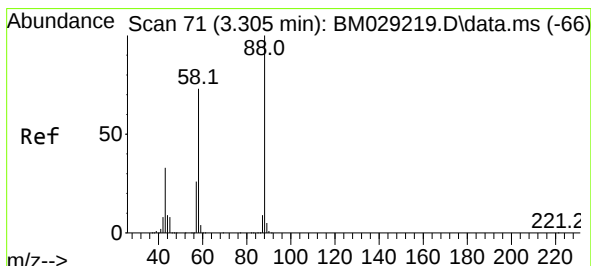
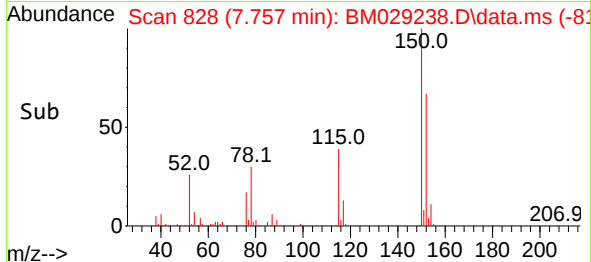
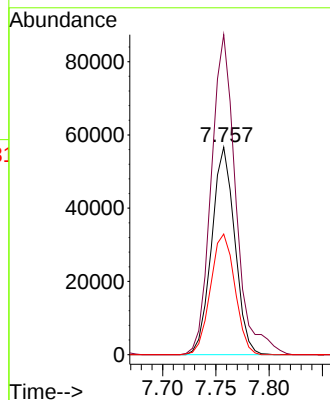
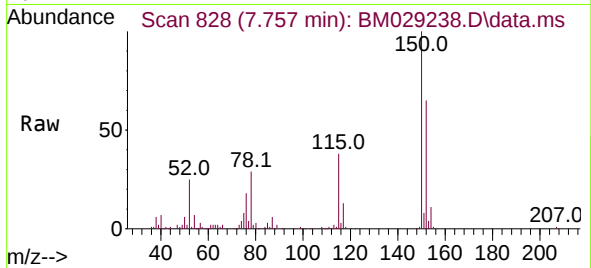
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 152 Resp: 85395  
Ion Ratio Lower Upper  
152 100  
150 154.2 124.3 186.5  
115 58.2 46.4 69.6

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

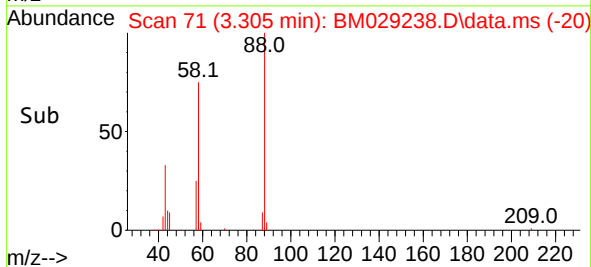
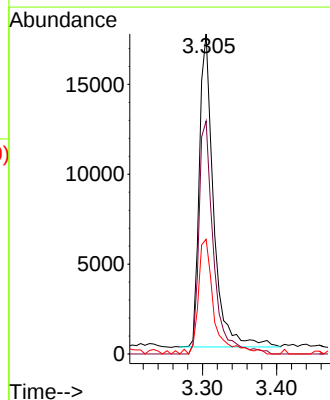
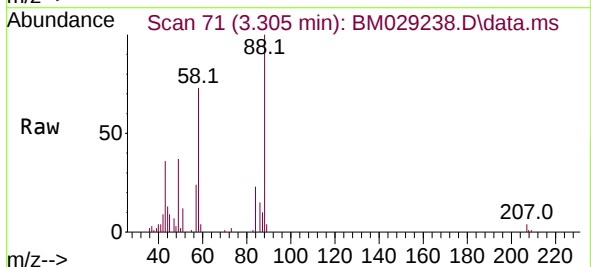
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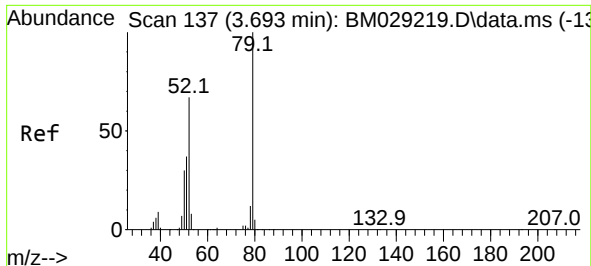
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#2  
1,4-Dioxane  
Concen: 10.31 ng  
RT: 3.305 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

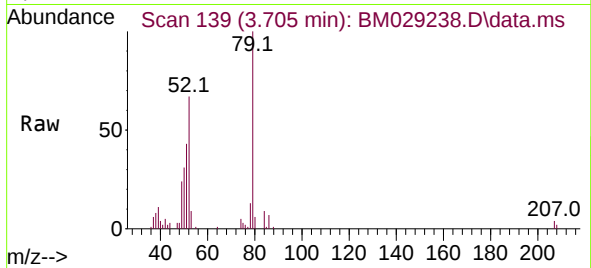
Tgt Ion: 88 Resp: 23209  
Ion Ratio Lower Upper  
88 100  
58 76.7 59.9 89.9  
43 40.2 26.2 39.4#





#3  
Pyridine  
Concen: 10.88 ng  
RT: 3.705 min Scan# 139  
Delta R.T. 0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

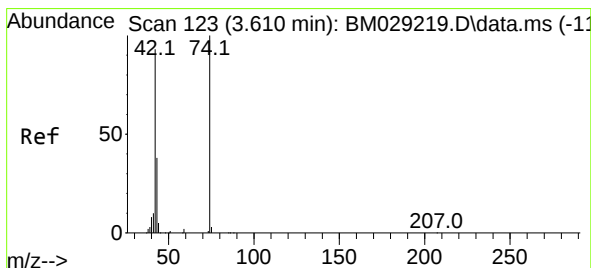
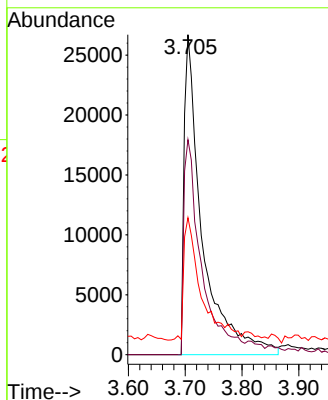
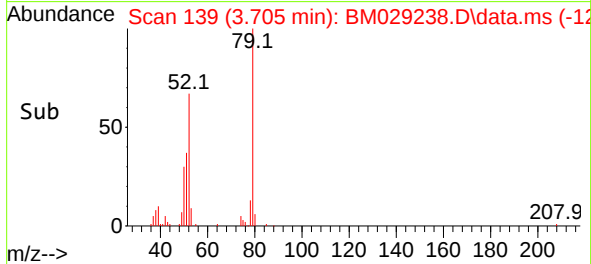
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BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



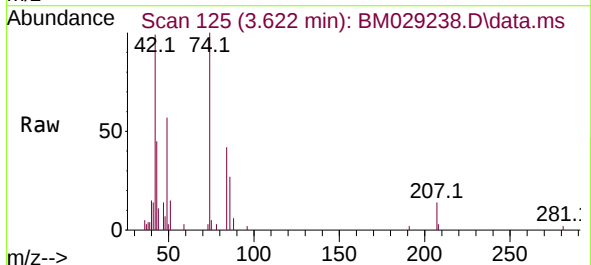
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Ion Ratio Lower Upper  
79 100  
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Manual Integrations  
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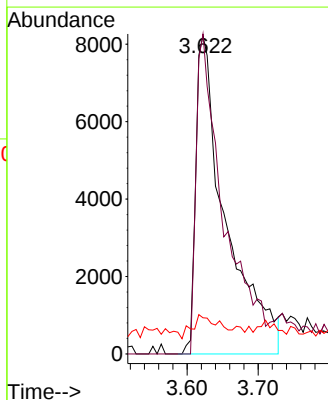
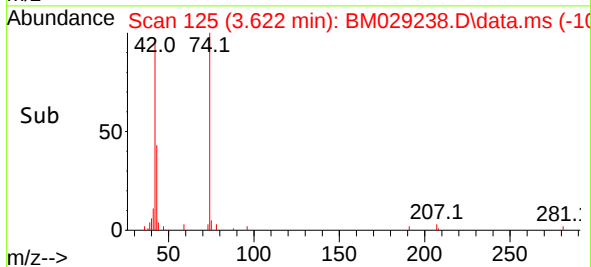
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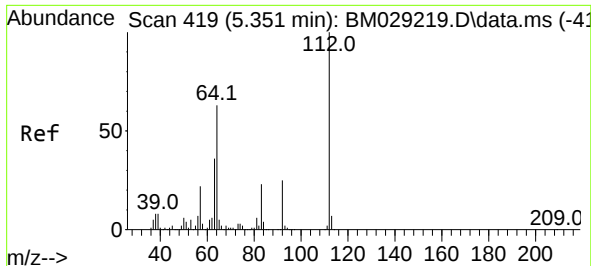


#4  
n-Nitrosodimethylamine  
Concen: 9.89 ng  
RT: 3.622 min Scan# 125  
Delta R.T. 0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



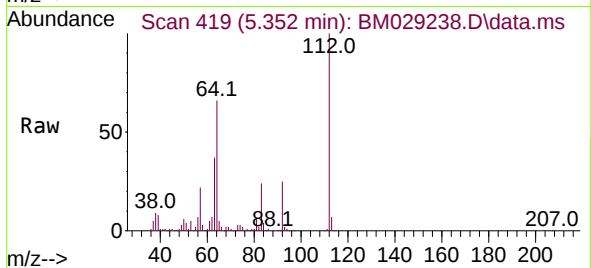
Tgt Ion: 42 Resp: 24097  
Ion Ratio Lower Upper  
42 100  
74 100.5 80.6 121.0  
44 11.4 5.4 8.0#





#5  
2-Fluorophenol  
Concen: 96.58 ng  
RT: 5.352 min Scan# 419  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

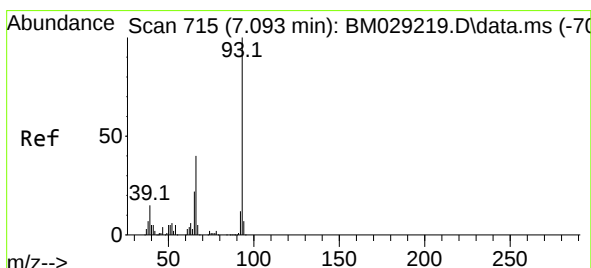
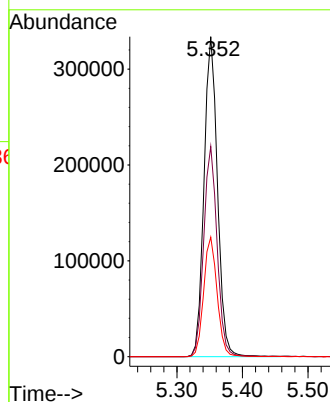
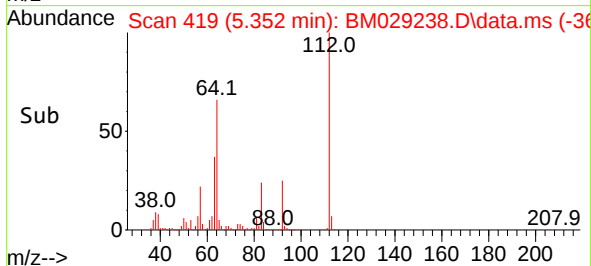
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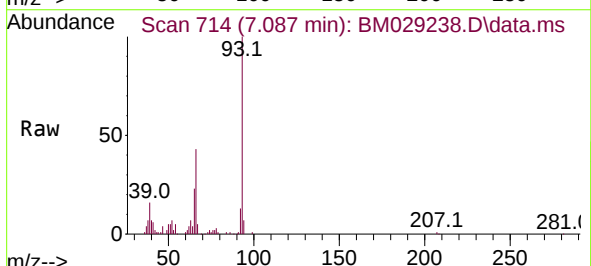
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Ion Ratio Lower Upper  
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63 37.4 29.0 43.4

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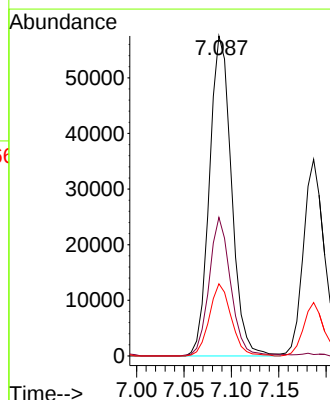
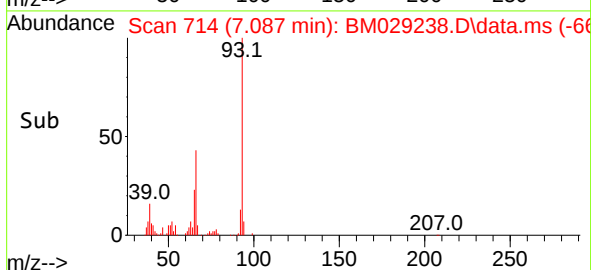
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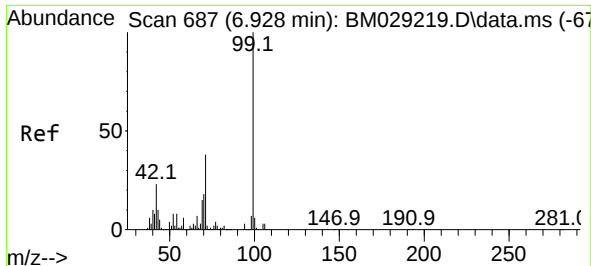


#6  
Aniline  
Concen: 12.10 ng  
RT: 7.087 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

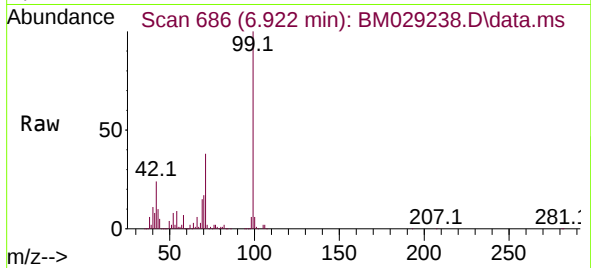


Tgt Ion: 93 Resp: 93190  
Ion Ratio Lower Upper  
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65 22.5 17.8 26.6

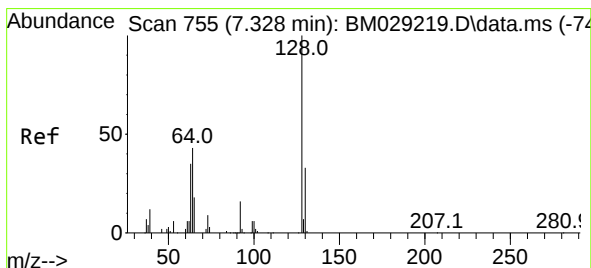
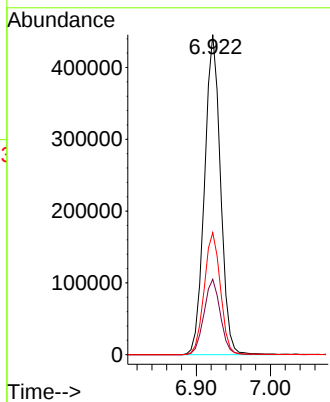
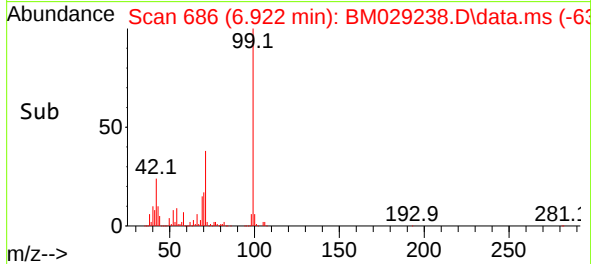




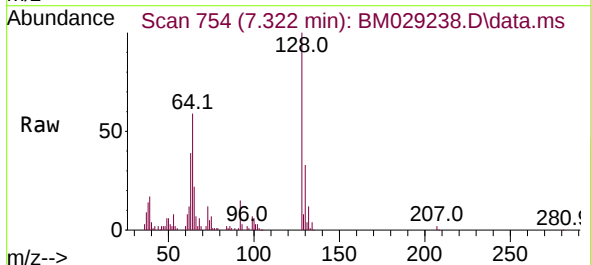
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Phenol-d6  
Concen: 93.94 ng  
RT: 6.922 min Scan# 686  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



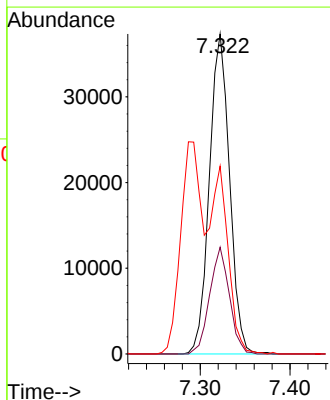
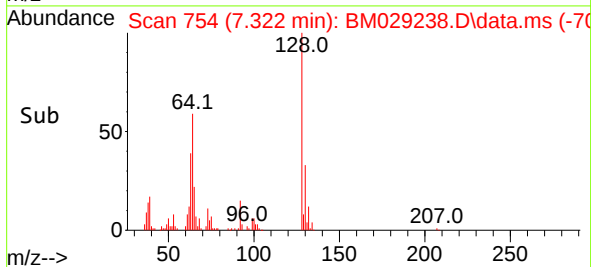
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Ion Ratio Lower Upper  
99 100  
42 23.6 18.5 27.7  
71 38.2 31.8 47.6



#8  
2-Chlorophenol  
Concen: 10.45 ng  
RT: 7.322 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



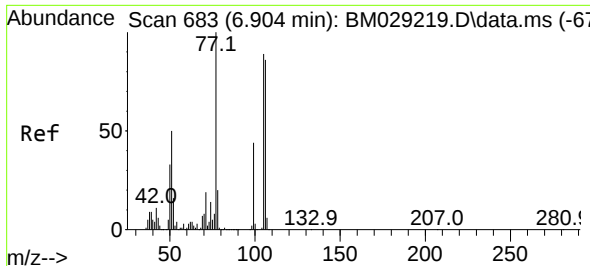
Tgt Ion: 128 Resp: 58415  
Ion Ratio Lower Upper  
128 100  
130 33.3 13.1 53.1  
64 58.7 30.9 70.9



Instrument :  
BNA\_M  
ClientSampleId :  
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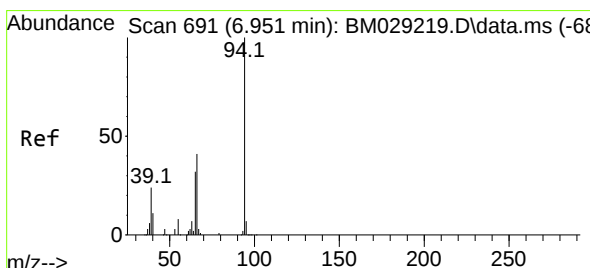
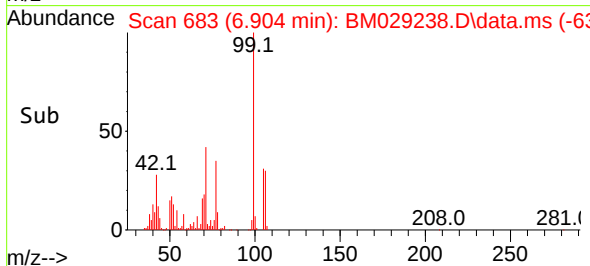
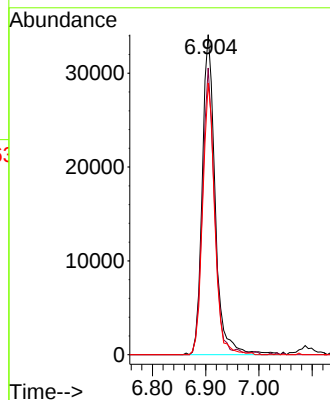
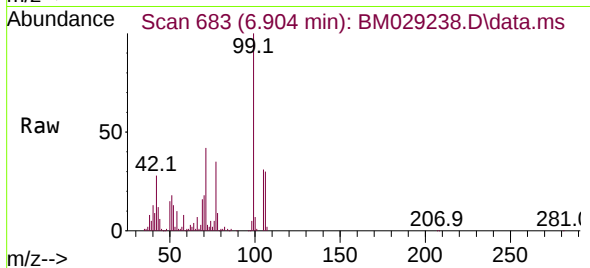
#9  
Benzaldehyde  
Concen: 12.88 ng  
RT: 6.904 min Scan# 683  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 77 Resp: 57507  
Ion Ratio Lower Upper  
77 100  
105 89.6 71.4 111.4  
106 84.9 66.5 106.5

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

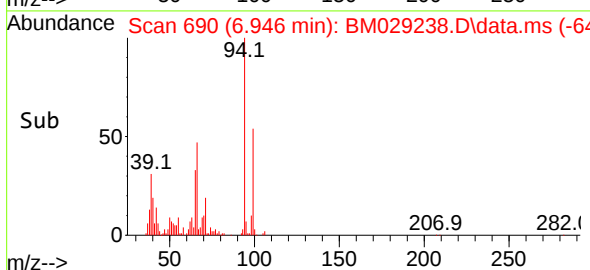
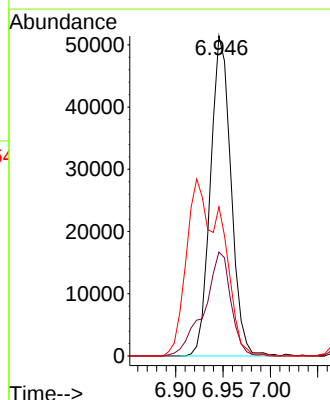
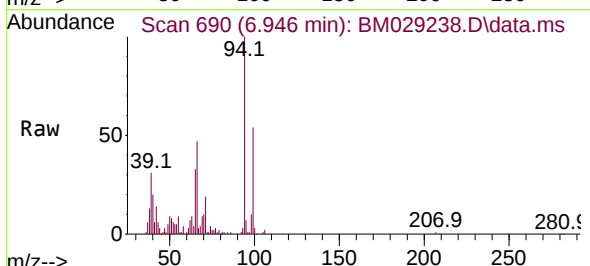
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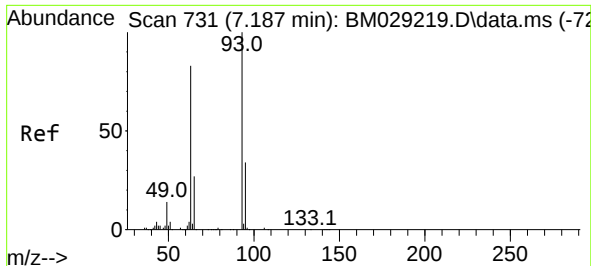
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#10  
Phenol  
Concen: 11.04 ng  
RT: 6.946 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 94 Resp: 77521  
Ion Ratio Lower Upper  
94 100  
65 32.5 13.0 53.0  
66 46.6 24.1 64.1





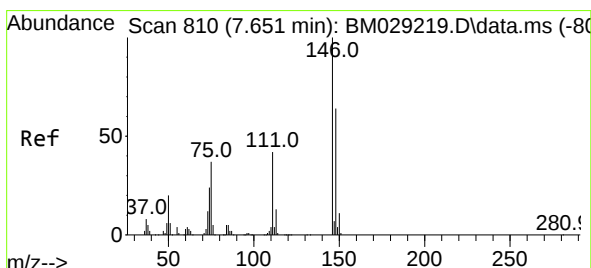
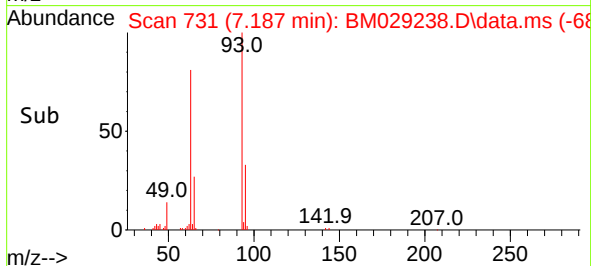
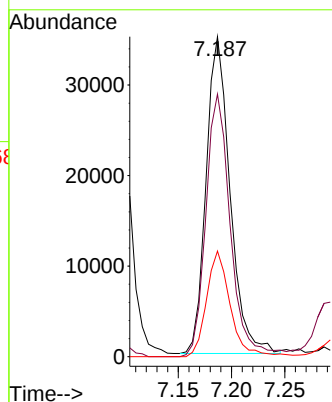
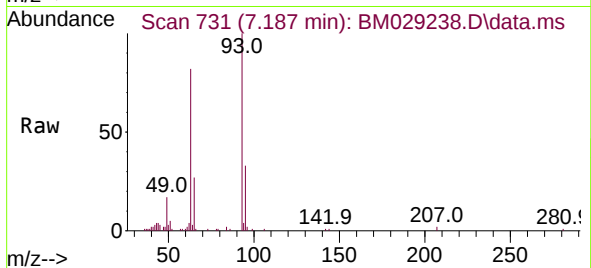
#11  
bis(2-Chloroethyl)ether  
Concen: 10.91 ng  
RT: 7.187 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 93 Resp: 54819  
Ion Ratio Lower Upper  
93 100  
63 82.1 63.9 103.9  
95 33.0 12.8 52.8

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

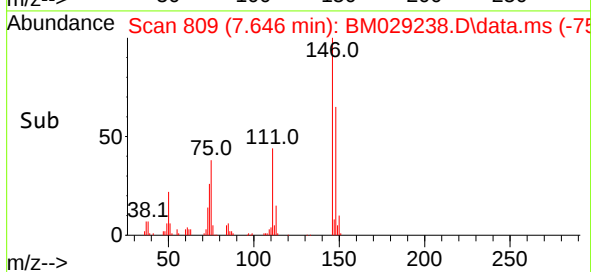
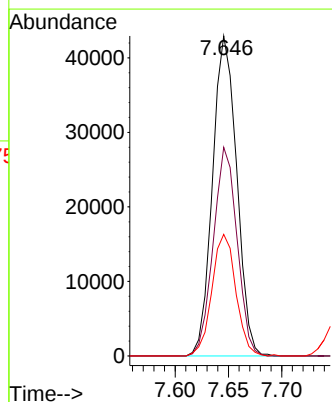
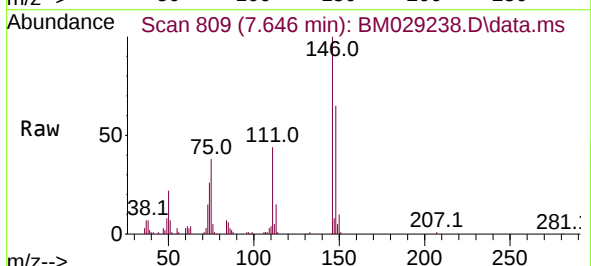
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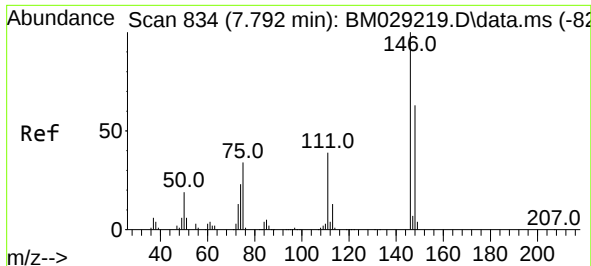
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#12  
1,3-Dichlorobenzene  
Concen: 10.82 ng  
RT: 7.646 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 146 Resp: 67685  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.5 75.7  
75 38.0 29.7 44.5





#13

1,4-Dichlorobenzene

Concen: 10.91 ng

RT: 7.793 min Scan# 834

Delta R.T. 0.000 min

Lab File: BM029238.D

Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 69193 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.3  | 51.8  | 77.6  |
| 111       | 41.1  | 32.8  | 49.2  |

Instrument :

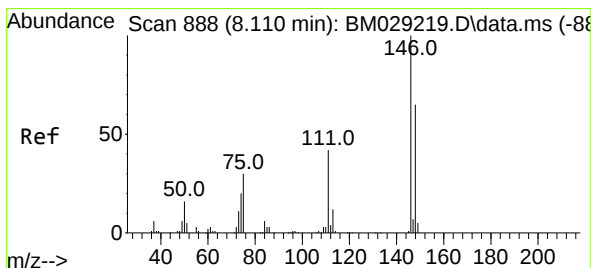
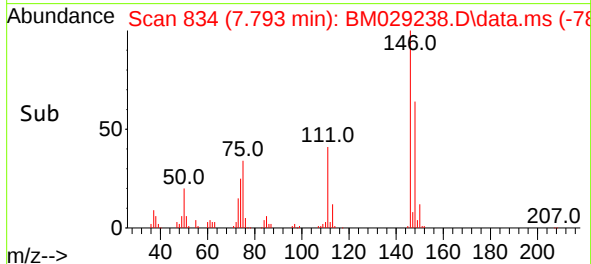
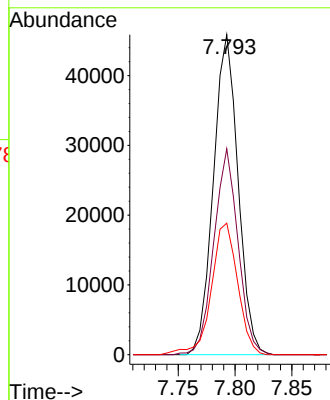
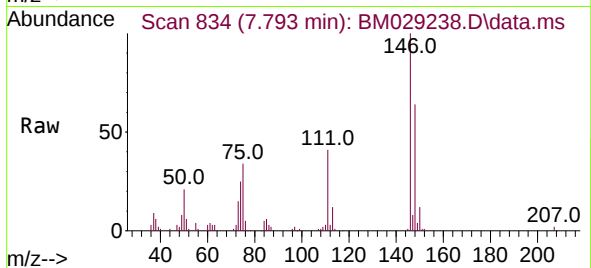
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ClientSampleId :

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#14

1,2-Dichlorobenzene

Concen: 10.87 ng

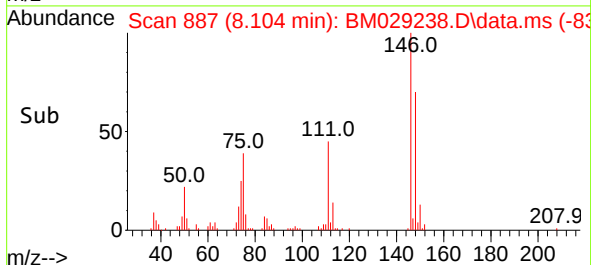
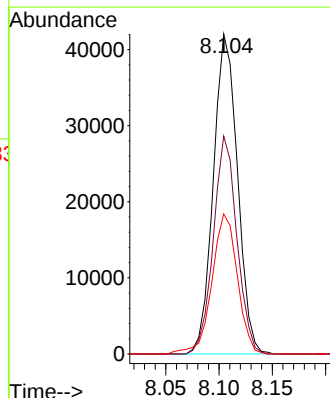
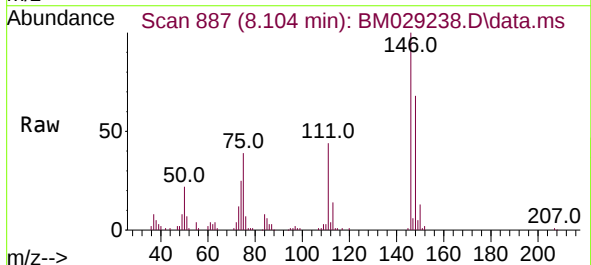
RT: 8.104 min Scan# 887

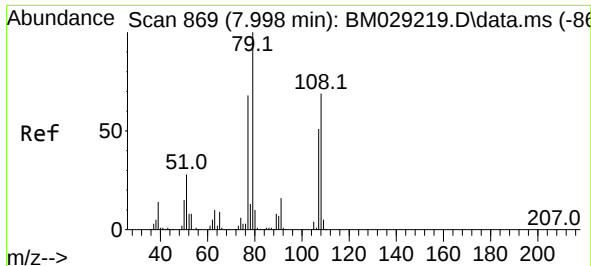
Delta R.T. -0.006 min

Lab File: BM029238.D

Acq: 26 Mar 2021 17:36

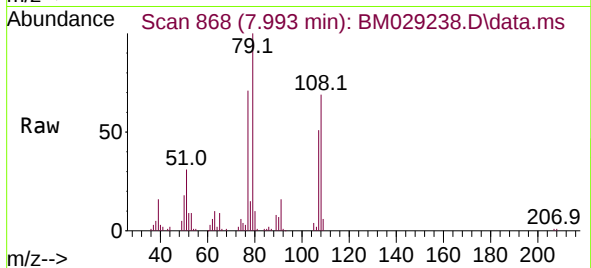
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 66252 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 68.1  | 50.2  | 75.4  |
| 111       | 43.8  | 35.8  | 53.8  |





#15  
Benzyl Alcohol  
Concen: 10.28 ng  
RT: 7.993 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

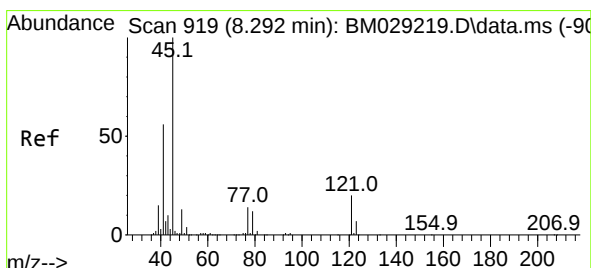
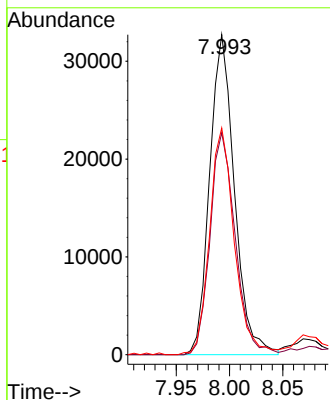
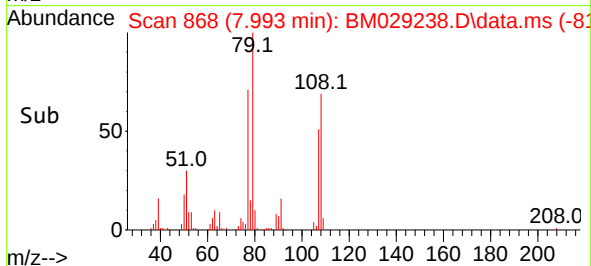
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



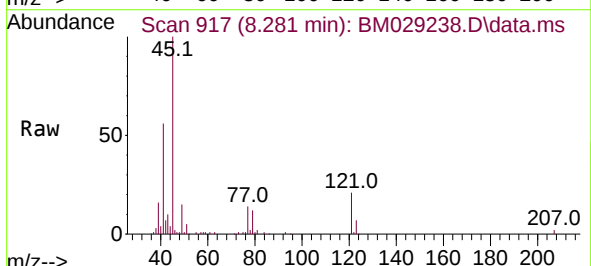
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.4  | 56.6  | 84.8  |
| 77      | 70.8  | 54.9  | 82.3  |

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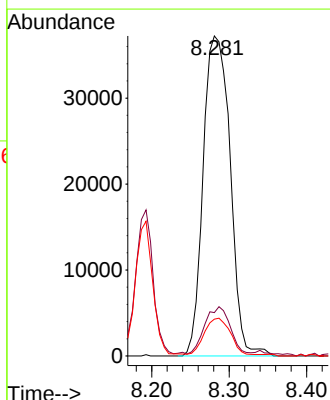
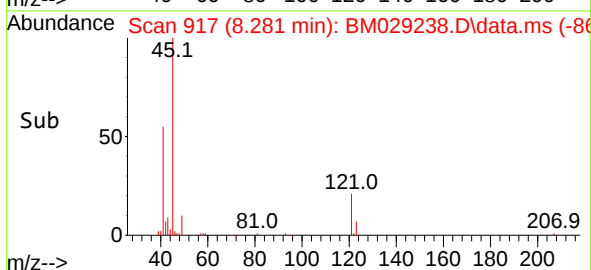
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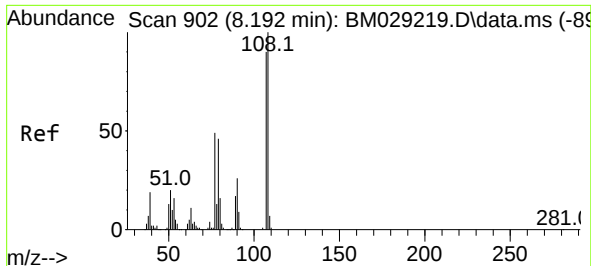


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.69 ng  
RT: 8.281 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



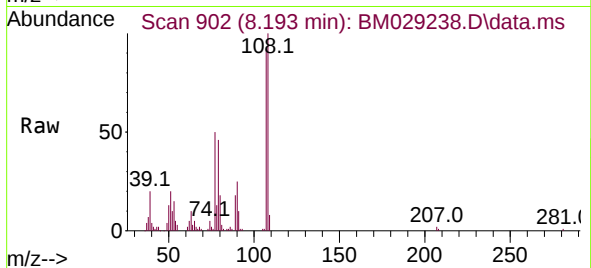
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.6  | 0.0   | 34.5  |
| 79      | 11.5  | 0.0   | 30.9  |





#17  
2-Methylphenol  
Concen: 10.47 ng  
RT: 8.193 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

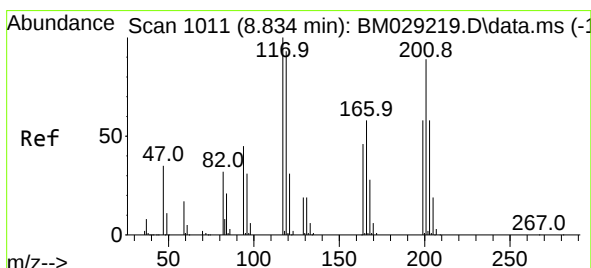
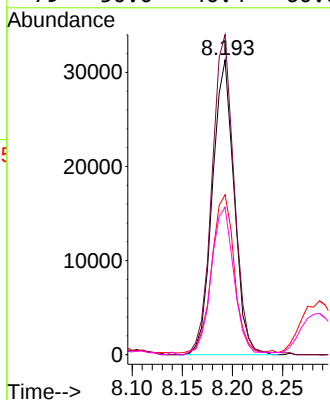
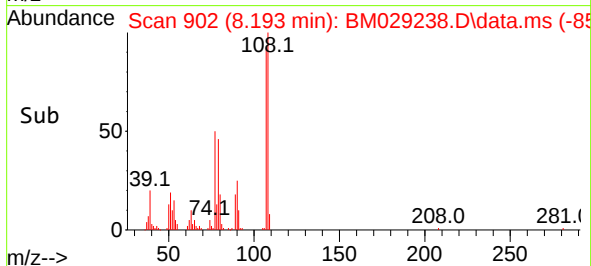
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



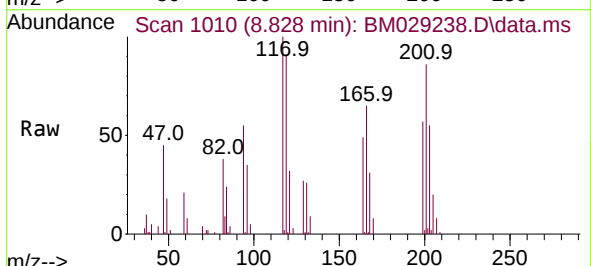
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 47234 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.6 | 89.8  | 134.6 |
| 77       | 54.3  | 42.8  | 64.2  |
| 79       | 50.0  | 40.4  | 60.6  |

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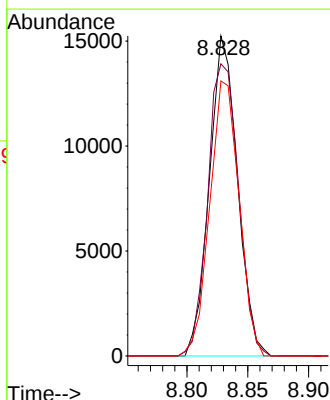
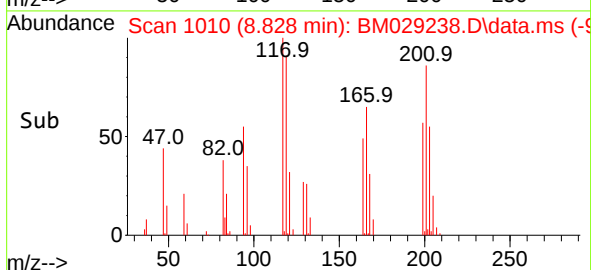
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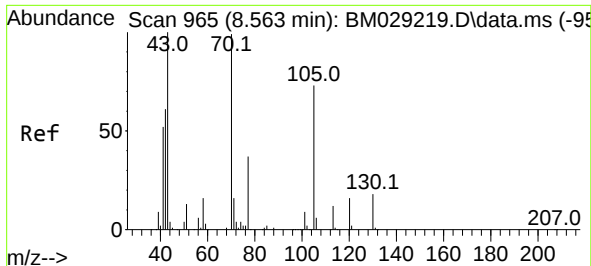


#18  
Hexachloroethane  
Concen: 10.64 ng  
RT: 8.828 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 24522 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.3  | 75.0  | 112.6 |
| 201      | 86.0  | 74.6  | 111.8 |





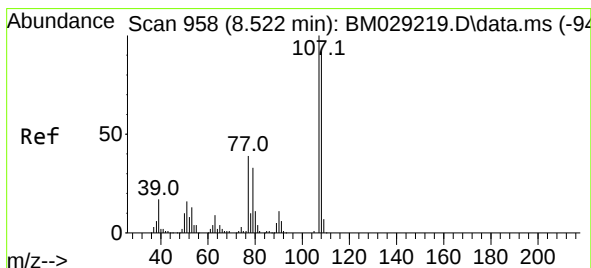
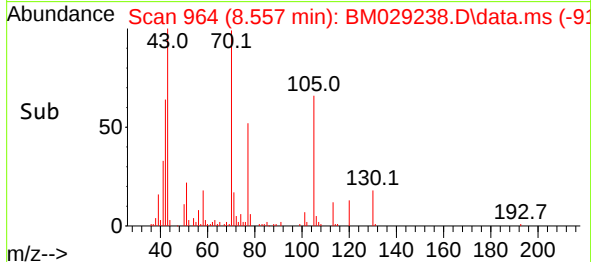
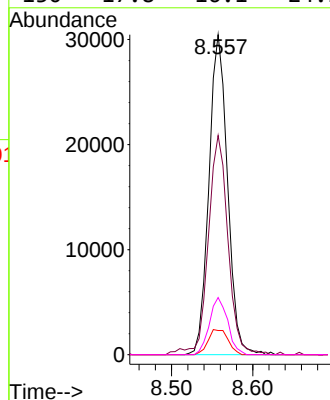
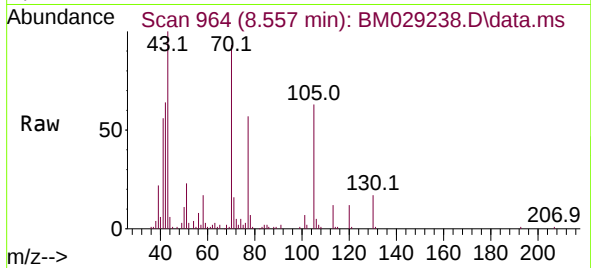
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.56 ng  
RT: 8.557 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 48456 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 68.5  | 53.3  | 79.9  |
| 101       | 7.6   | 6.7   | 10.1  |
| 130       | 17.8  | 16.1  | 24.1  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

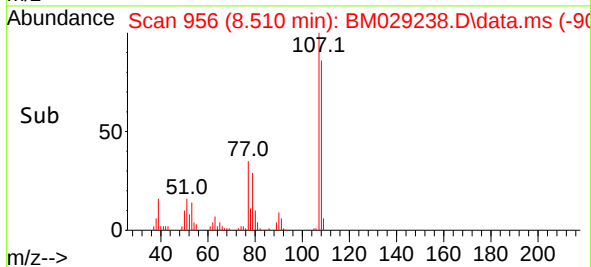
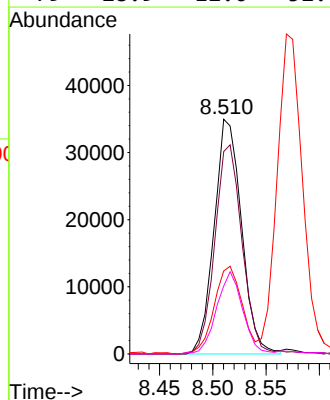
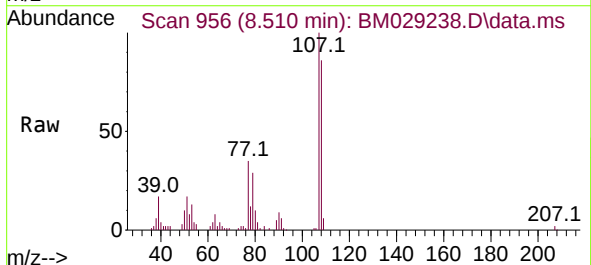
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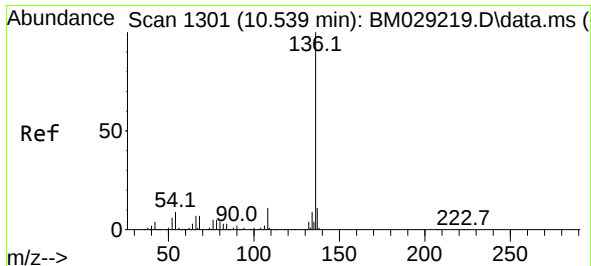
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#20  
3+4-Methylphenols  
Concen: 10.34 ng  
RT: 8.510 min Scan# 956  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 62487 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 86.2  | 68.5  | 108.5 |
| 77        | 35.4  | 17.0  | 57.0  |
| 79        | 28.9  | 12.0  | 52.0  |





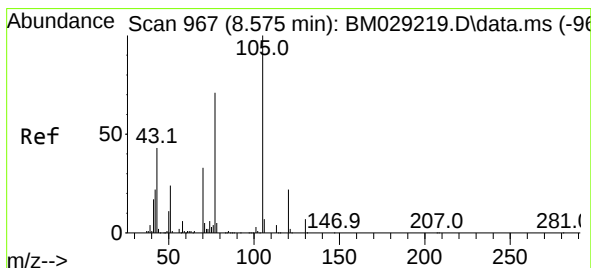
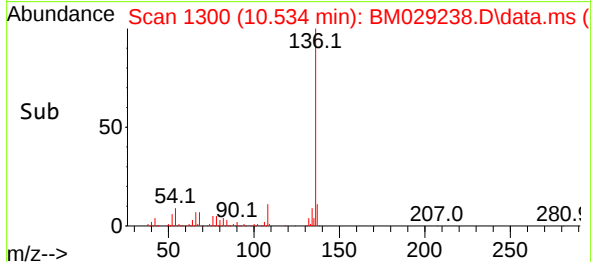
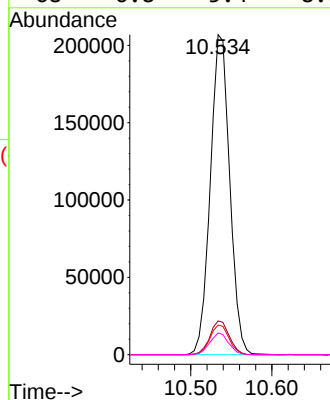
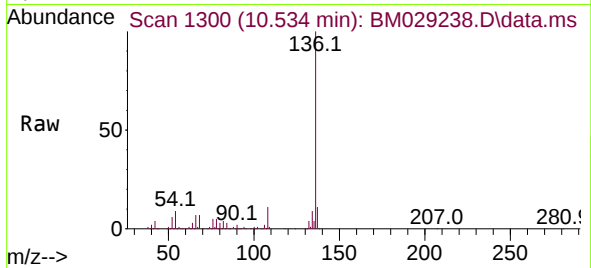
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.534 min Scan# 1300  
Delta R.T. -0.005 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 343227 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.3   | 13.9   |
| 54        | 9.3   | 6.9   | 10.3   |
| 68        | 6.8   | 5.4   | 8.0    |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

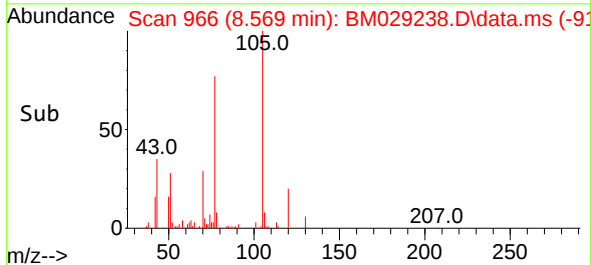
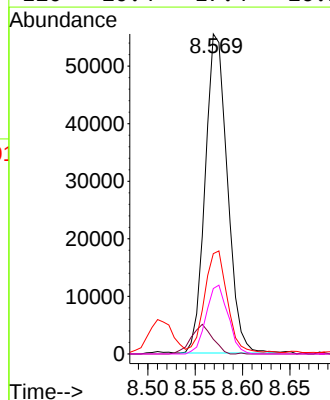
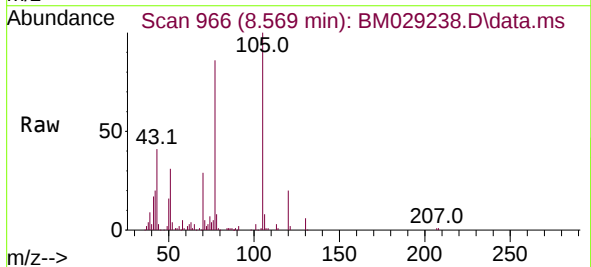
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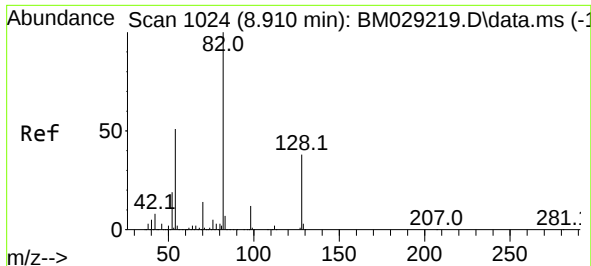
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#22  
Acetophenone  
Concen: 10.53 ng  
RT: 8.569 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 90455 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 4.6   | 2.8   | 4.2#  |
| 51        | 31.4  | 24.7  | 37.1  |
| 120       | 20.4  | 17.4  | 26.2  |





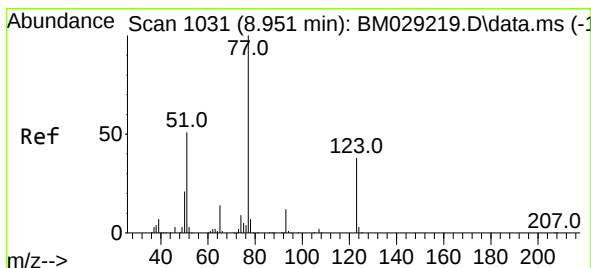
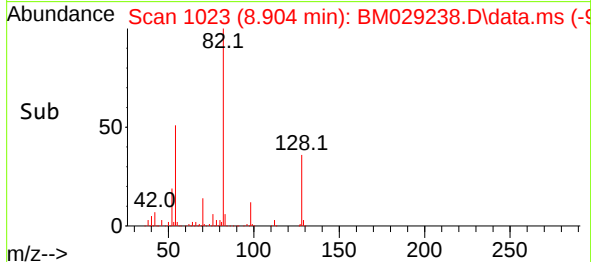
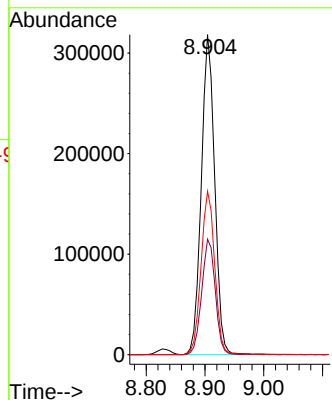
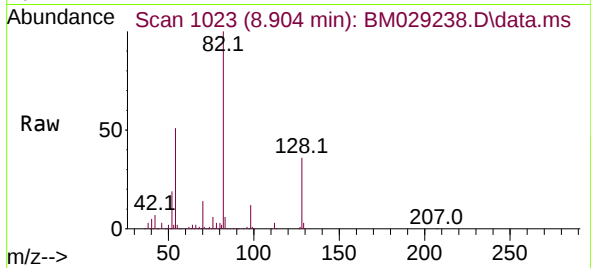
#23  
Nitrobenzene-d5  
Concen: 71.39 ng  
RT: 8.904 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 82 Resp: 504686  
Ion Ratio Lower Upper  
82 100  
128 36.1 28.6 42.8  
54 51.1 40.7 61.1

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

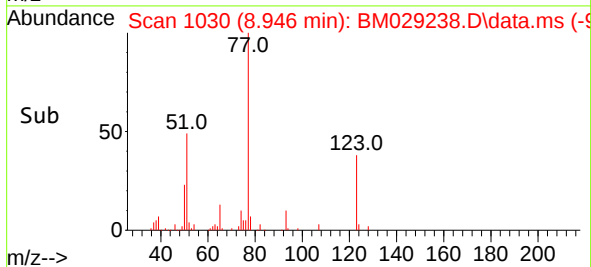
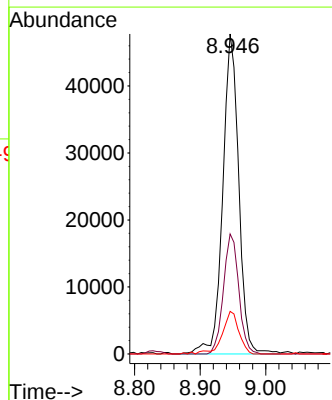
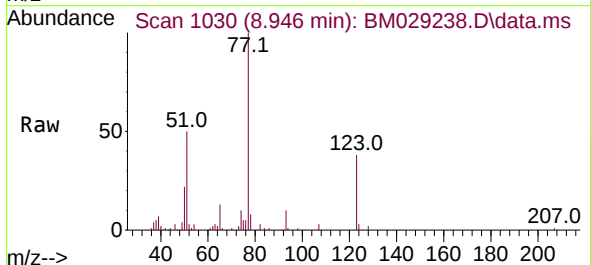
Manual Integrations  
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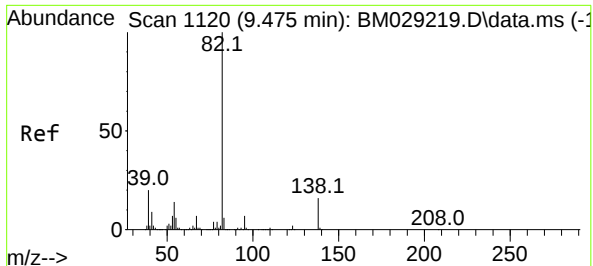
mohammad  
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#24  
Nitrobenzene  
Concen: 10.93 ng  
RT: 8.946 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 77 Resp: 80663  
Ion Ratio Lower Upper  
77 100  
123 37.5 31.3 46.9  
65 13.3 10.8 16.2





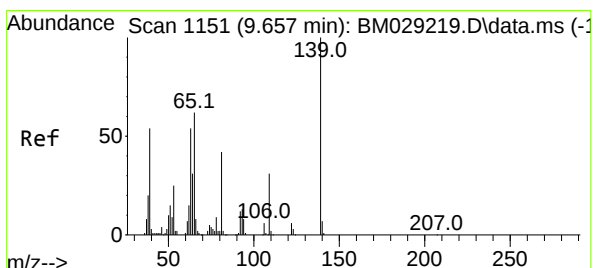
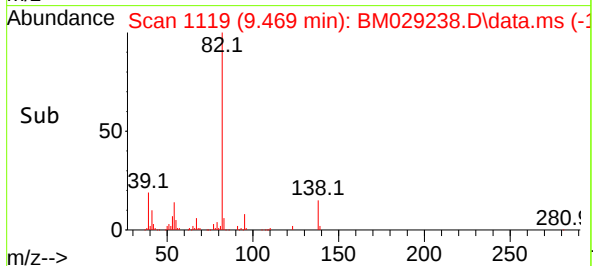
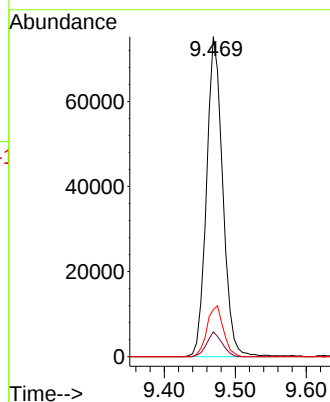
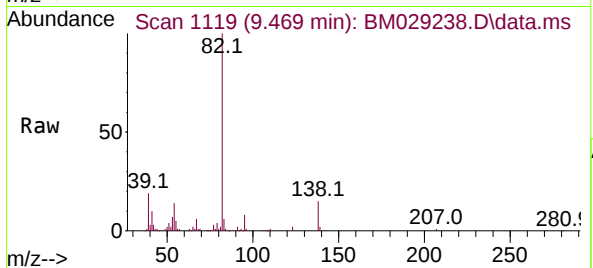
#25  
Isophorone  
Concen: 9.85 ng  
RT: 9.469 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 82 Resp: 119592  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.6 8.4  
138 14.7 13.3 19.9

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

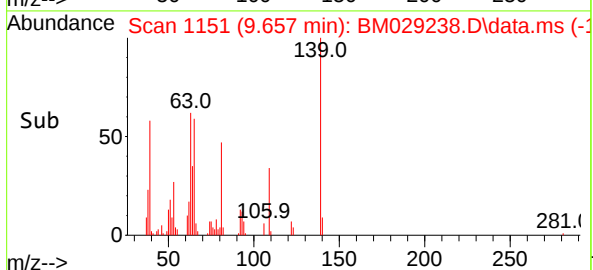
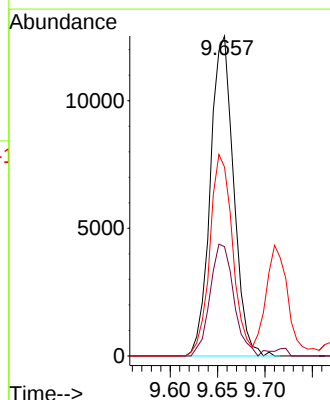
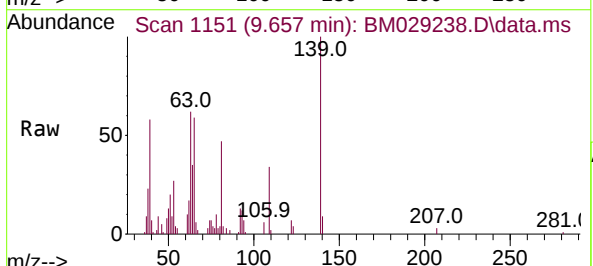
Manual Integrations  
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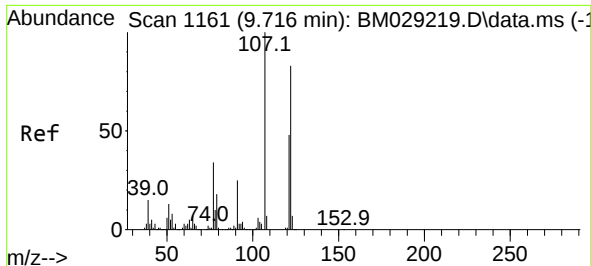
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#26  
2-Nitrophenol  
Concen: 8.70 ng  
RT: 9.657 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 139 Resp: 21397  
Ion Ratio Lower Upper  
139 100  
109 34.2 26.6 39.8  
65 59.0 45.6 68.4





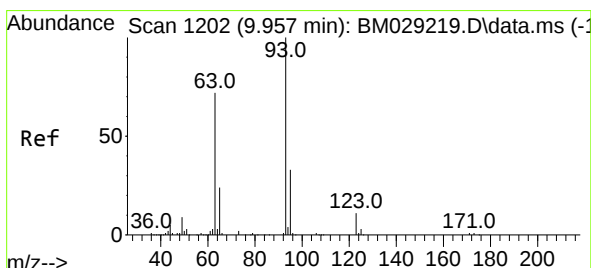
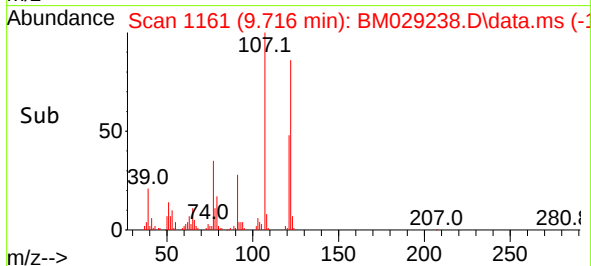
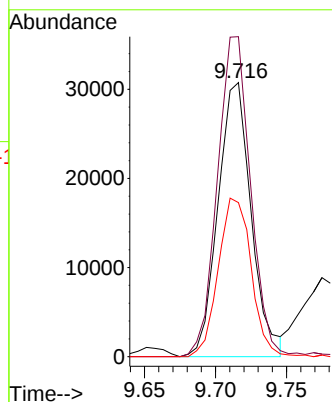
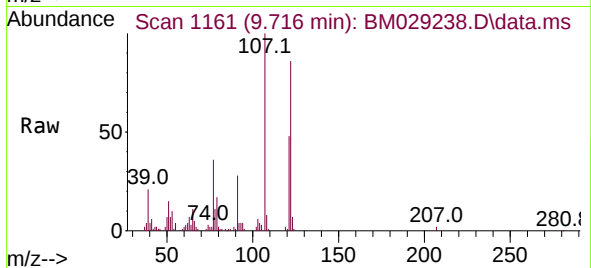
#27  
2,4-Dimethylphenol  
Concen: 10.61 ng  
RT: 9.716 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:122 Resp: 50027  
Ion Ratio Lower Upper  
122 100  
107 116.7 95.0 142.6  
121 56.2 45.8 68.6

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

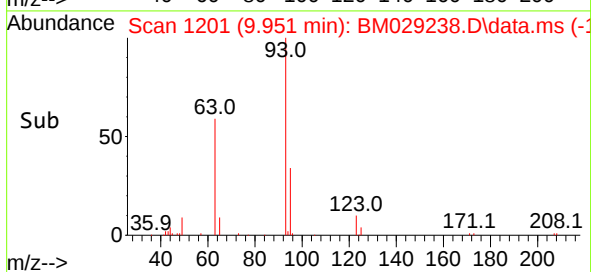
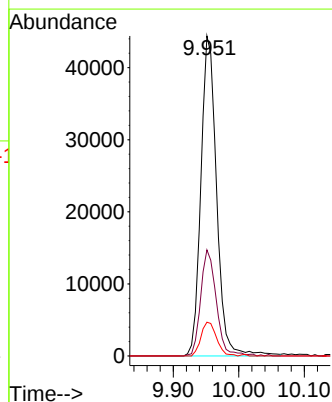
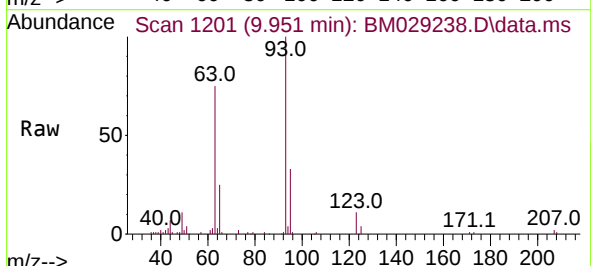
Manual Integrations  
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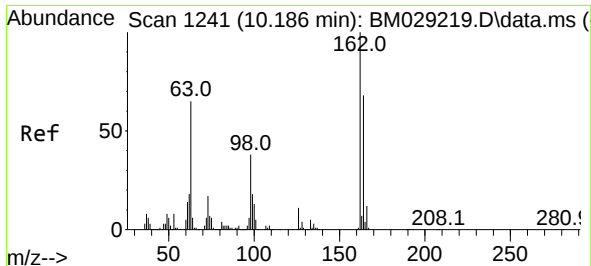
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#28  
bis(2-Chloroethoxy)methane  
Concen: 11.59 ng  
RT: 9.951 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion: 93 Resp: 74400  
Ion Ratio Lower Upper  
93 100  
95 33.2 26.6 39.8  
123 10.6 8.6 13.0





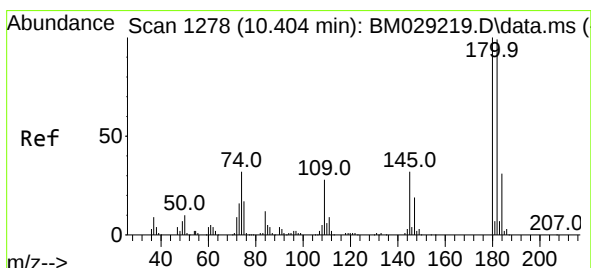
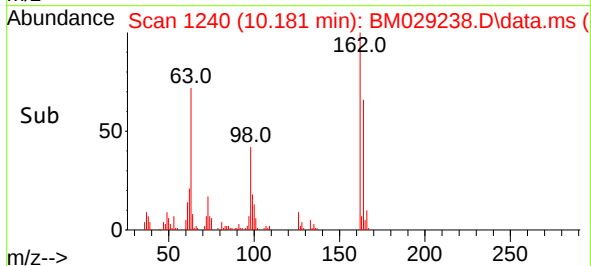
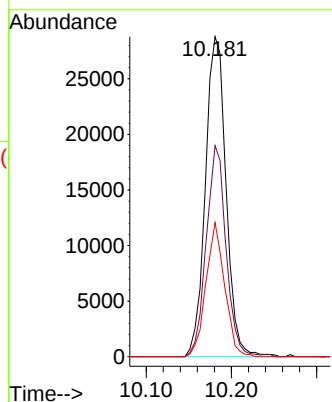
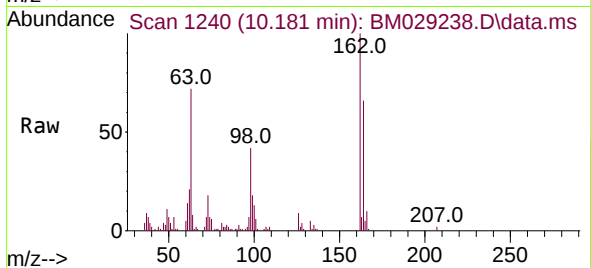
#29  
2,4-Dichlorophenol  
Concen: 9.47 ng  
RT: 10.181 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:162 Resp: 48564  
Ion Ratio Lower Upper  
162 100  
164 65.9 45.7 85.7  
98 41.9 16.3 56.3

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

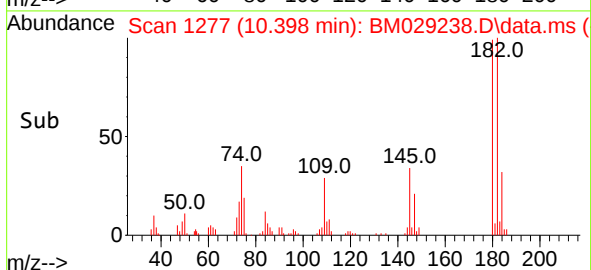
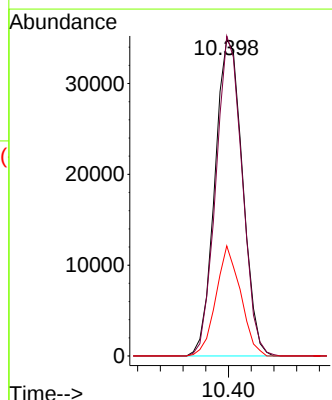
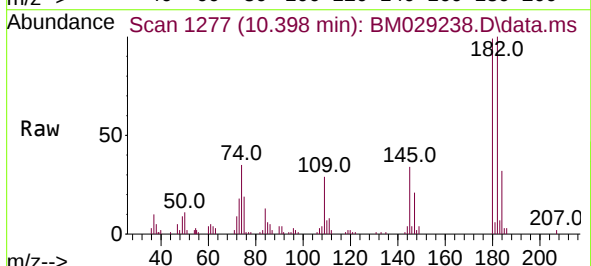
Manual Integrations  
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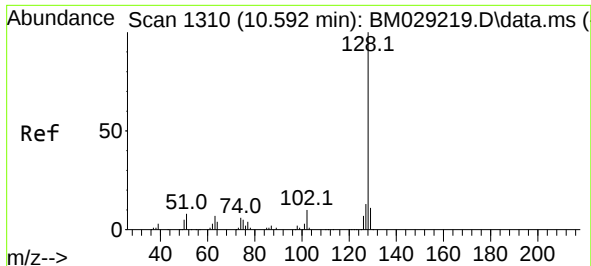
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#30  
1,2,4-Trichlorobenzene  
Concen: 10.12 ng  
RT: 10.398 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:180 Resp: 58928  
Ion Ratio Lower Upper  
180 100  
182 101.0 77.0 115.4  
145 34.7 25.4 38.2





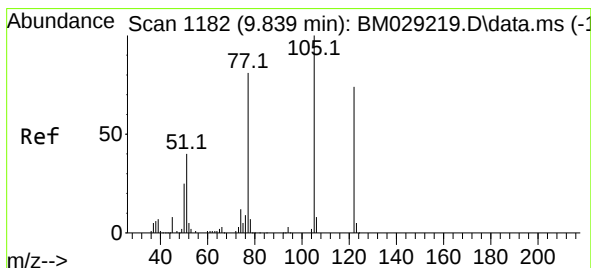
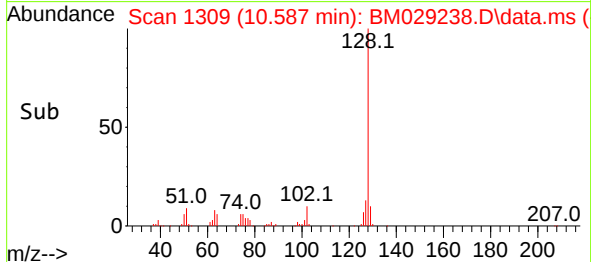
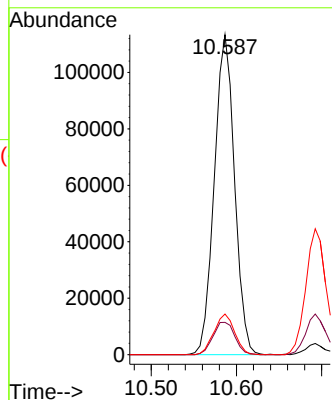
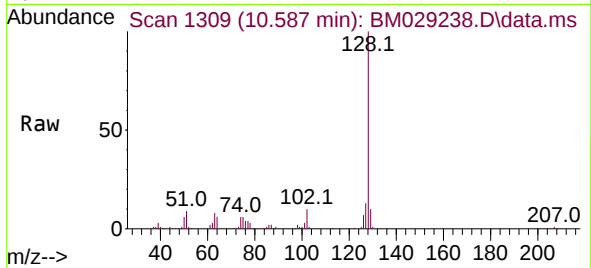
#31  
Naphthalene  
Concen: 10.32 ng  
RT: 10.587 min Scan# 1309  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:128 Resp: 186698  
Ion Ratio Lower Upper  
128 100  
129 10.1 9.0 13.6  
127 12.7 10.7 16.1

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

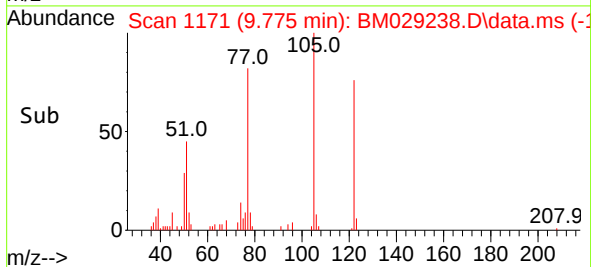
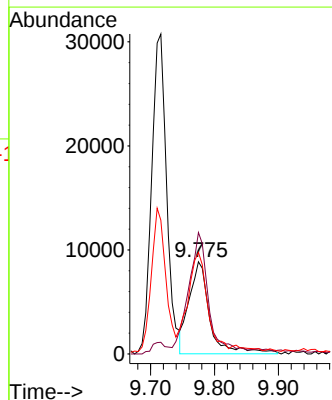
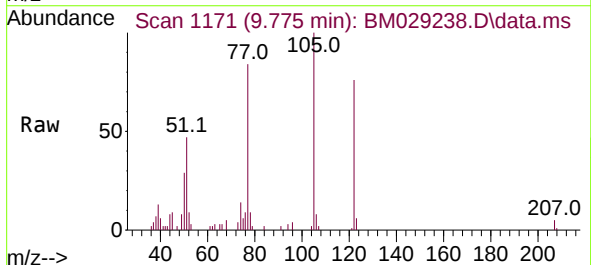
Manual Integrations  
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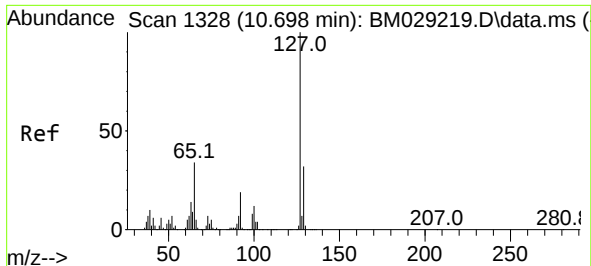
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#32  
Benzoic acid  
Concen: 7.28 ng m  
RT: 9.775 min Scan# 1171  
Delta R.T. -0.064 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:122 Resp: 19957  
Ion Ratio Lower Upper  
122 100  
105 131.8 108.2 148.2  
77 110.3 86.0 126.0





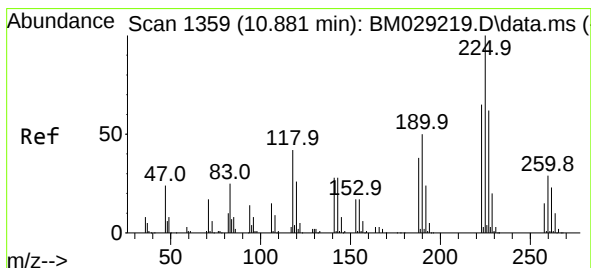
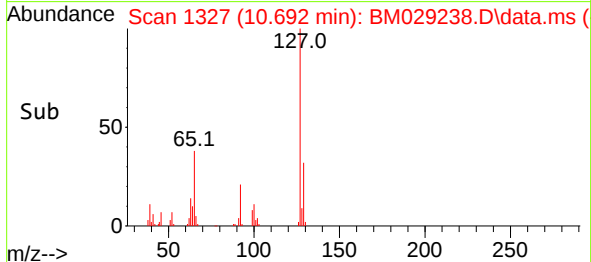
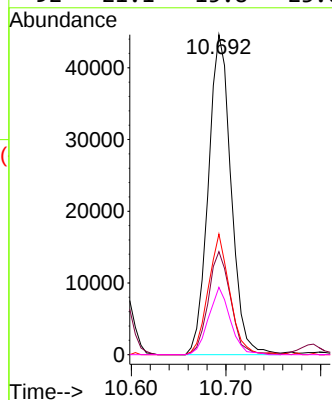
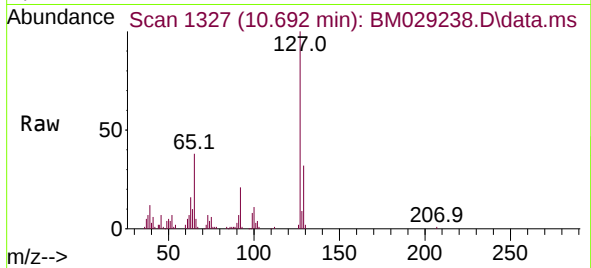
#33  
4-Chloroaniline  
Concen: 10.41 ng  
RT: 10.692 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 74443 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.2  | 25.4  | 38.0  |
| 65        | 37.7  | 28.6  | 42.8  |
| 92        | 21.1  | 15.8  | 23.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

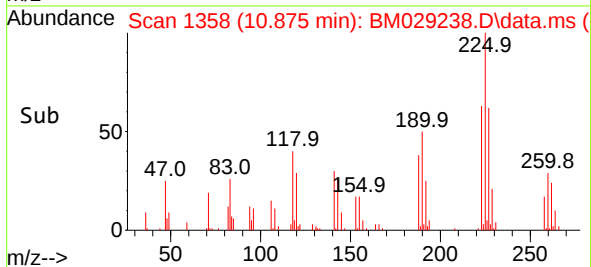
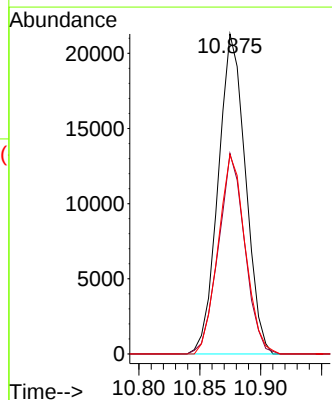
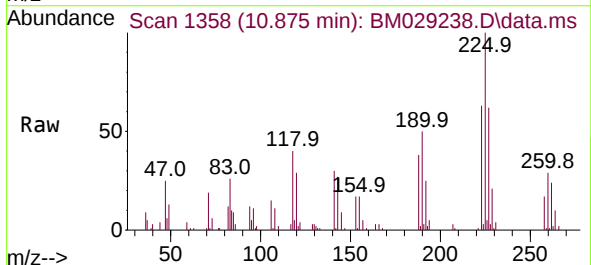
Manual Integrations  
APPROVED

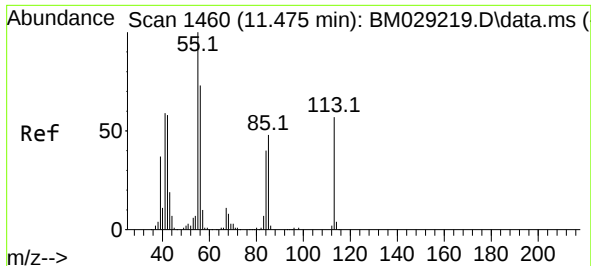
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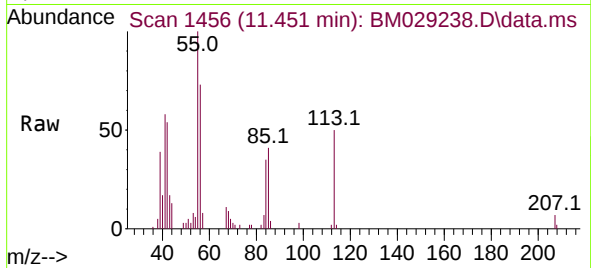
#34  
Hexachlorobutadiene  
Concen: 9.82 ng  
RT: 10.875 min Scan# 1358  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 33217 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.7  | 51.8  | 77.8  |
| 227       | 62.2  | 52.2  | 78.4  |

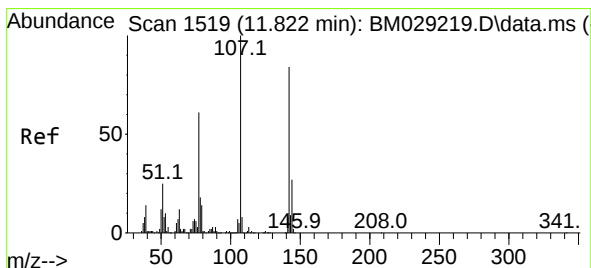
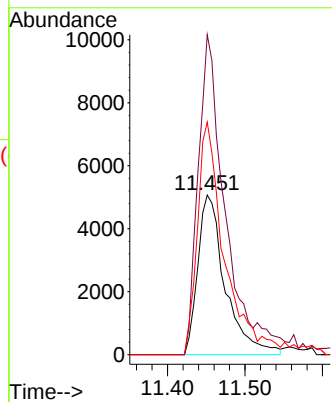
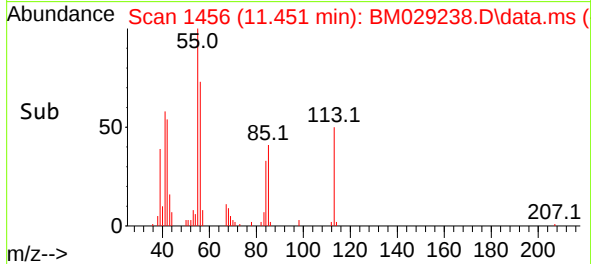




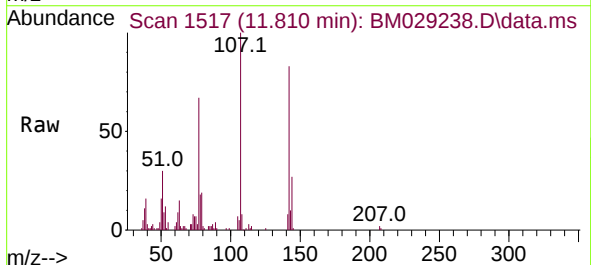
#35  
Caprolactam  
Concen: 7.99 ng  
RT: 11.451 min Scan# 1456  
Delta R.T. -0.024 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



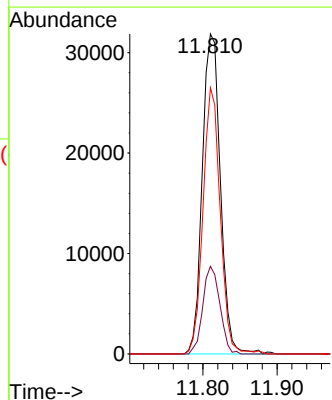
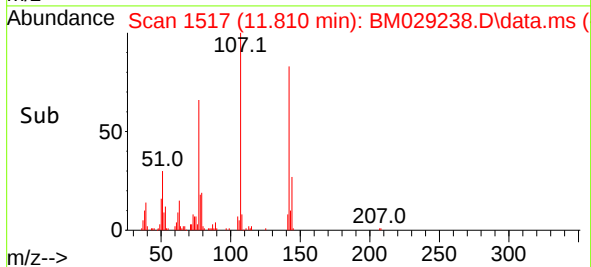
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 200.5 | 149.4 | 189.4# |
| 56      | 145.7 | 110.8 | 150.8  |



#36  
4-Chloro-3-methylphenol  
Concen: 9.89 ng  
RT: 11.810 min Scan# 1517  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



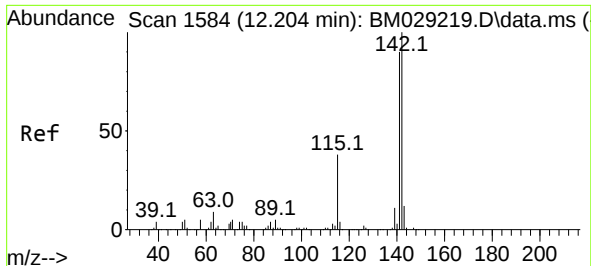
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.4  | 22.7  | 34.1  |
| 142     | 83.2  | 67.0  | 100.4 |



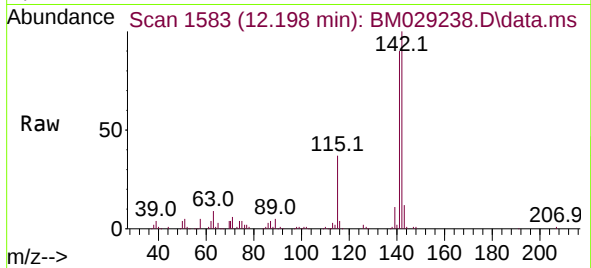
Instrument :  
BNA\_M  
ClientSampleId :  
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#37  
2-Methylnaphthalene  
Concen: 10.31 ng  
RT: 12.198 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

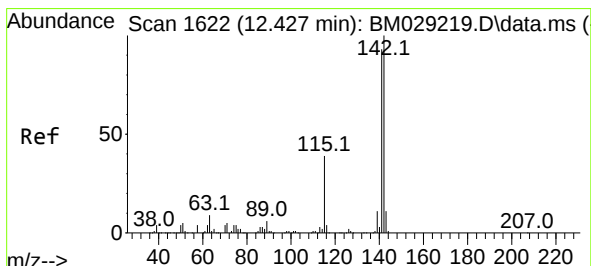
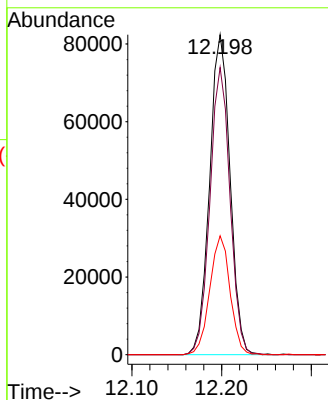
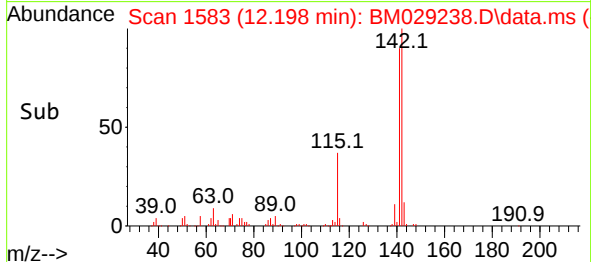


Tgt Ion:142 Resp: 130464  
Ion Ratio Lower Upper  
142 100  
141 89.8 72.0 108.0  
115 37.1 29.8 44.6

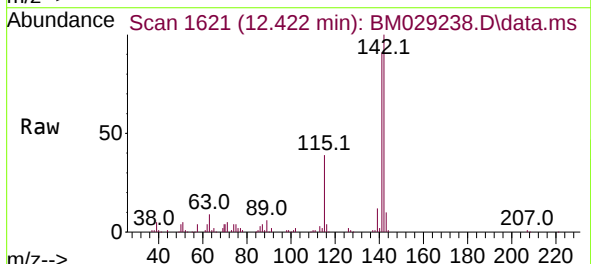
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Manual Integrations  
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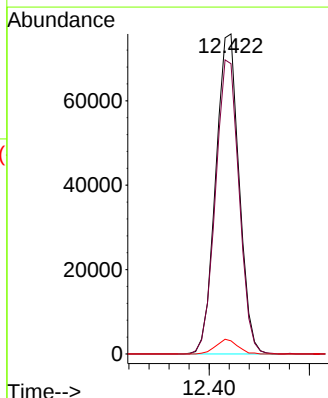
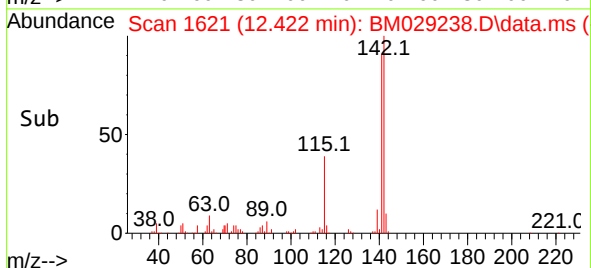
mohammad  
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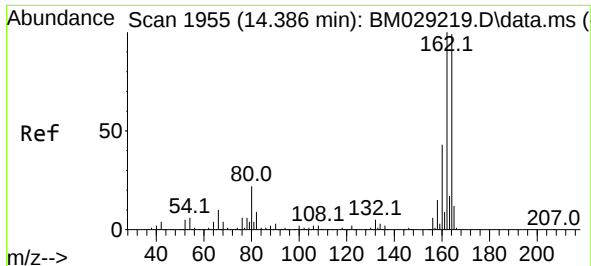


#38  
1-Methylnaphthalene  
Concen: 10.16 ng  
RT: 12.422 min Scan# 1621  
Delta R.T. -0.005 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



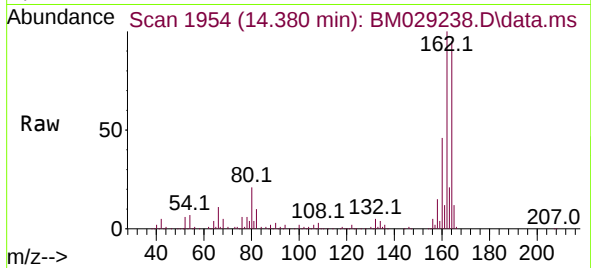
Tgt Ion:142 Resp: 122308  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.5 110.3  
116 4.1 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.380 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

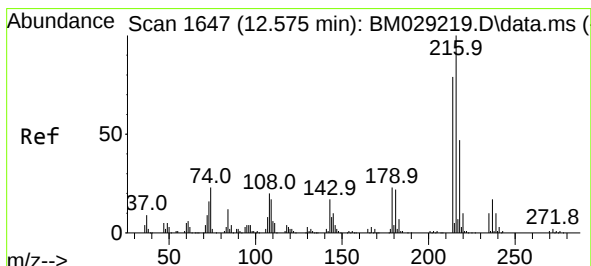
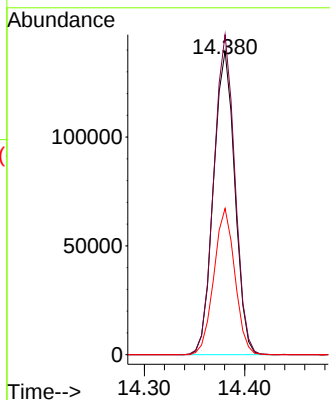
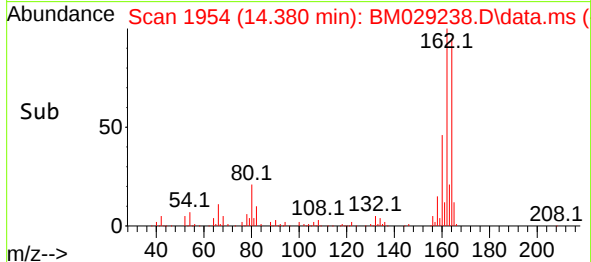
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



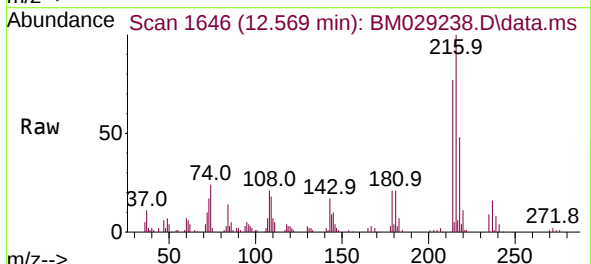
Tgt Ion:164 Resp: 205783  
Ion Ratio Lower Upper  
164 100  
162 105.4 84.4 126.6  
160 48.2 36.6 54.8

Manual Integrations  
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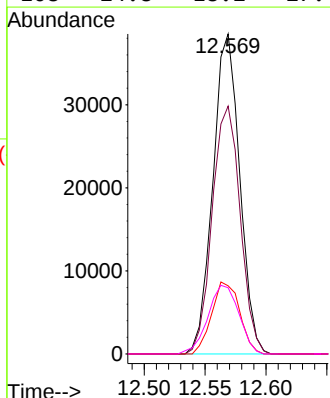
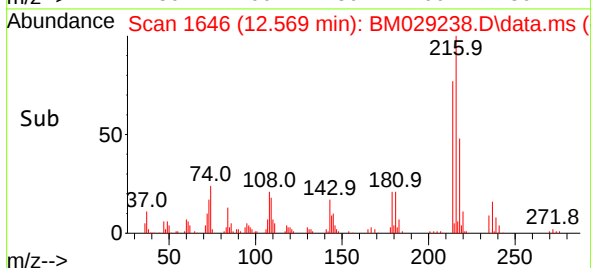
mohammad  
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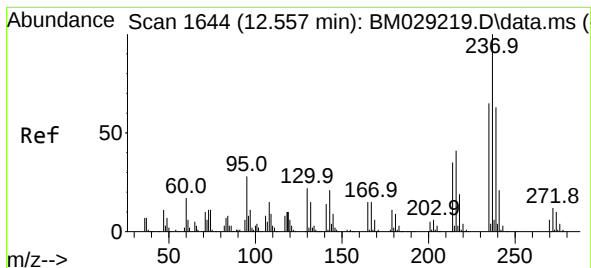


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.23 ng  
RT: 12.569 min Scan# 1646  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



Tgt Ion:216 Resp: 59014  
Ion Ratio Lower Upper  
216 100  
214 80.8 62.3 93.5  
179 23.5 18.6 27.8  
108 24.8 18.2 27.4





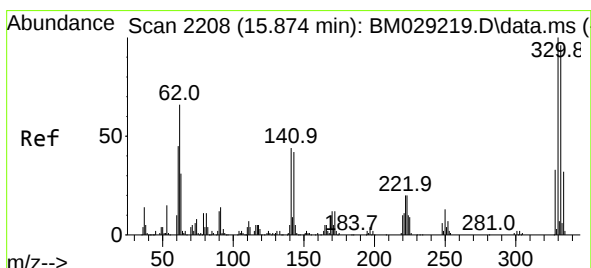
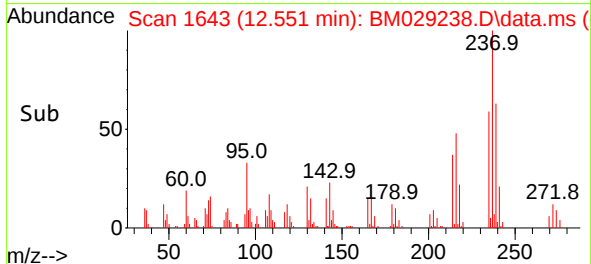
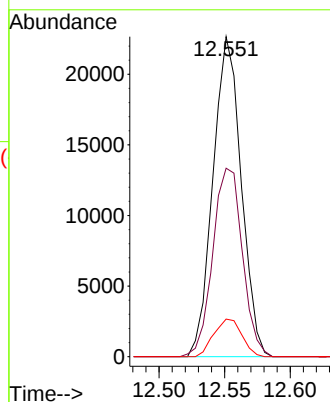
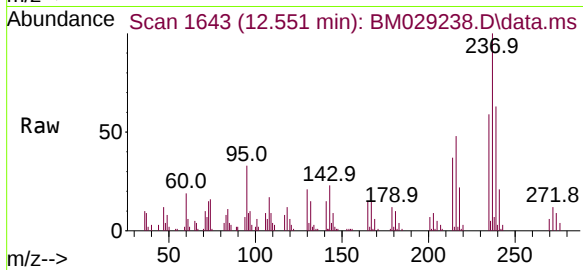
#41  
Hexachlorocyclopentadiene  
Concen: 10.72 ng  
RT: 12.551 min Scan# 1643  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 33921 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 58.9  | 41.8  | 81.8  |
| 272       | 11.7  | 0.0   | 31.1  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

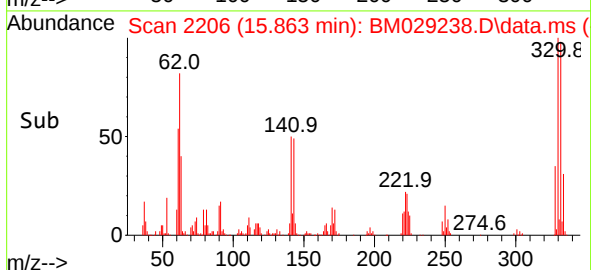
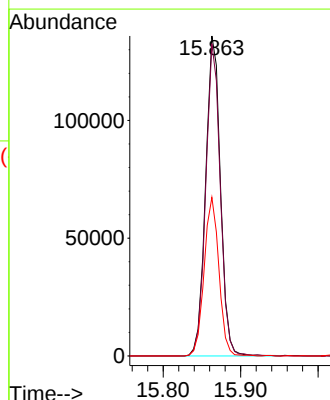
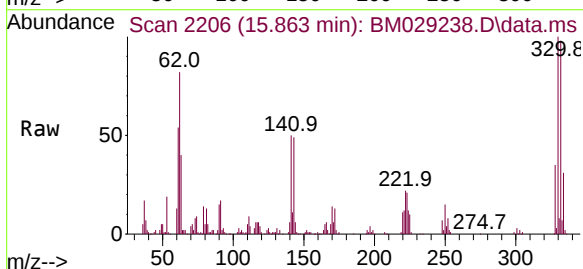
Manual Integrations  
APPROVED

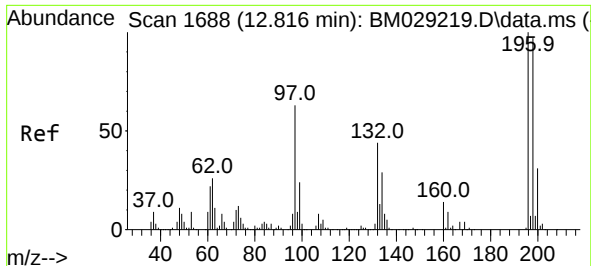
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#42  
2,4,6-Tribromophenol  
Concen: 94.56 ng  
RT: 15.863 min Scan# 2206  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 180196 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.9  | 77.1  | 115.7  |
| 141       | 49.4  | 39.2  | 58.8   |





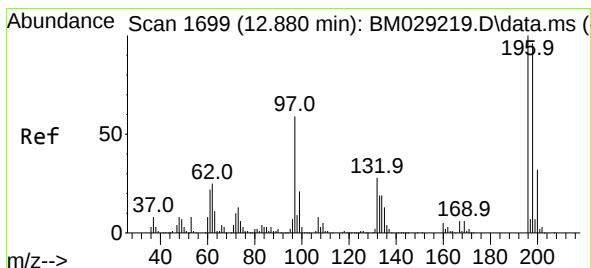
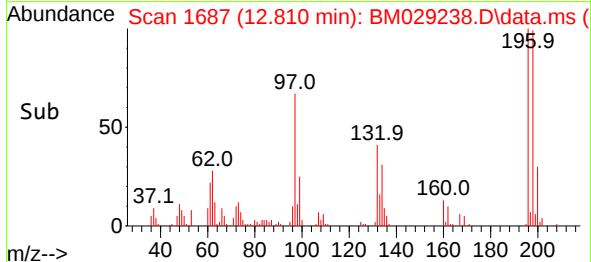
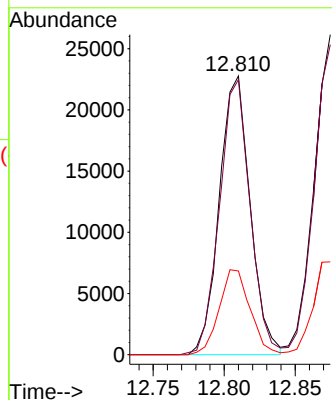
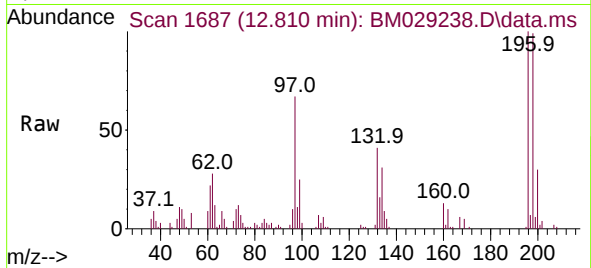
#43  
2,4,6-Trichlorophenol  
Concen: 9.18 ng  
RT: 12.810 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:196 Resp: 34470  
Ion Ratio Lower Upper  
196 100  
198 98.7 75.3 112.9  
200 30.0 25.2 37.8

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

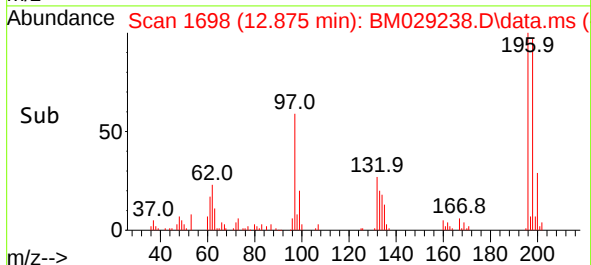
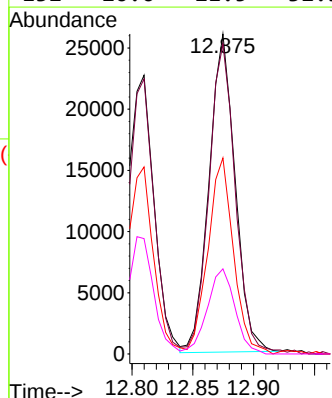
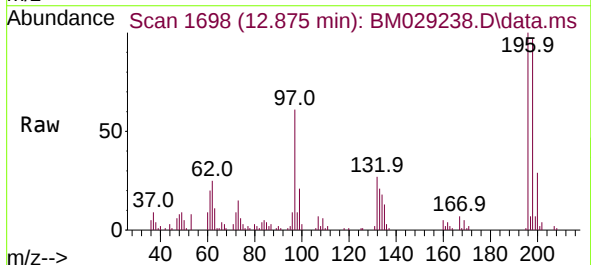
Manual Integrations  
APPROVED

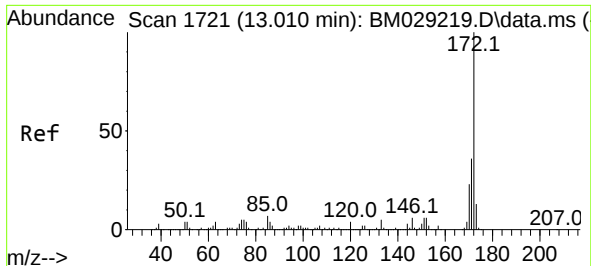
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 9.28 ng  
RT: 12.875 min Scan# 1698  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

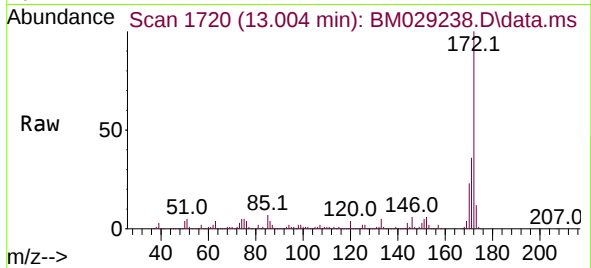
Tgt Ion:196 Resp: 38728  
Ion Ratio Lower Upper  
196 100  
198 96.9 74.6 112.0  
97 61.3 46.4 69.6  
132 26.6 21.5 32.3





#45  
2-Fluorobiphenyl  
Concen: 72.13 ng  
RT: 13.004 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

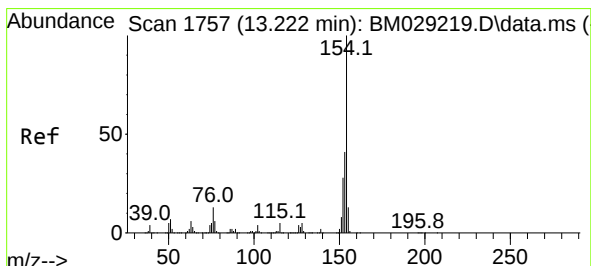
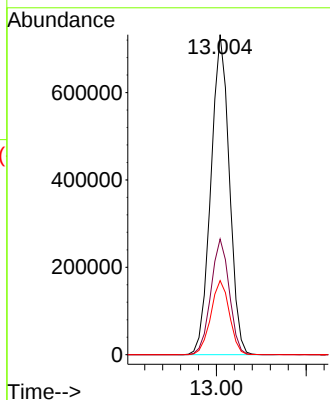
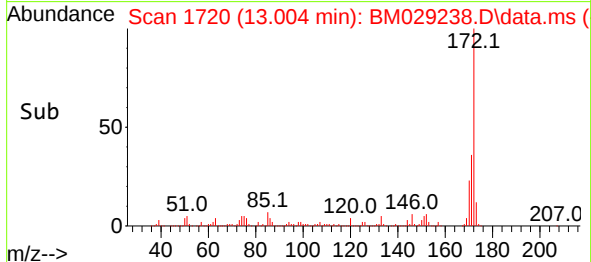
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



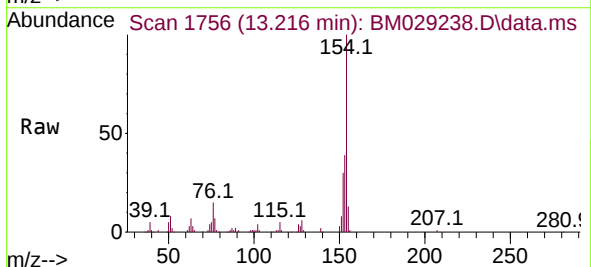
Tgt Ion:172 Resp: 1046425  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.7 43.1  
170 23.1 18.8 28.2

Manual Integrations  
APPROVED

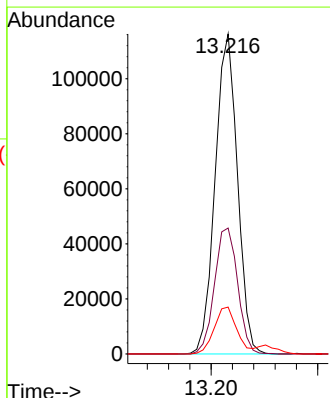
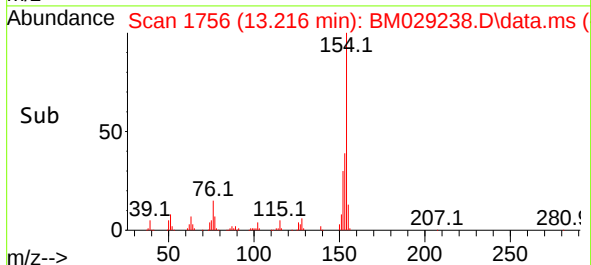
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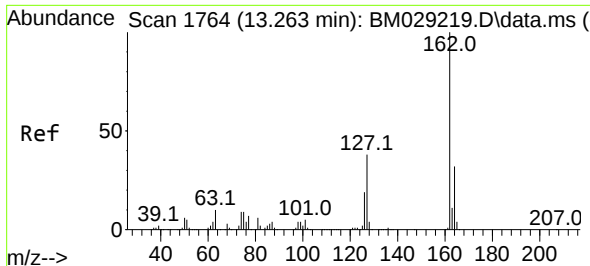


#46  
1,1'-Biphenyl  
Concen: 10.77 ng  
RT: 13.216 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



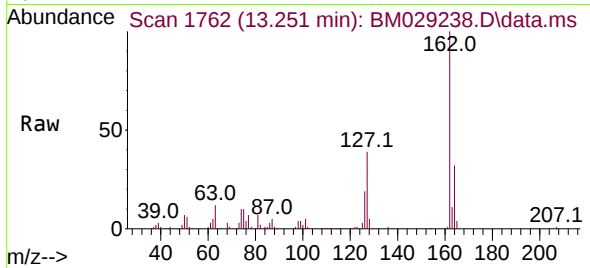
Tgt Ion:154 Resp: 168452  
Ion Ratio Lower Upper  
154 100  
153 39.3 21.5 61.5  
76 14.7 0.0 33.6





#47  
2-Chloronaphthalene  
Concen: 10.52 ng  
RT: 13.251 min Scan# 1762  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

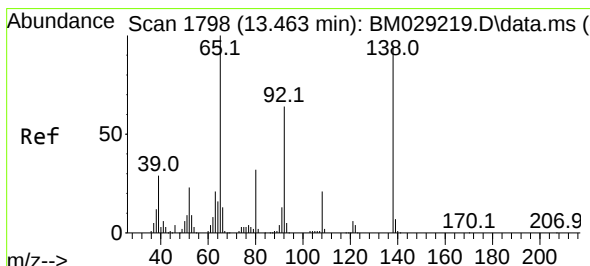
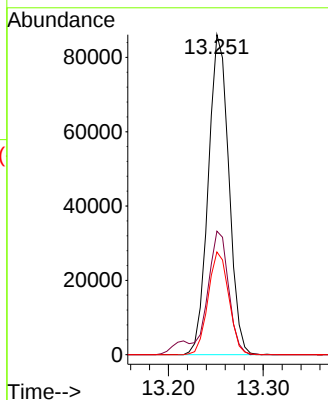
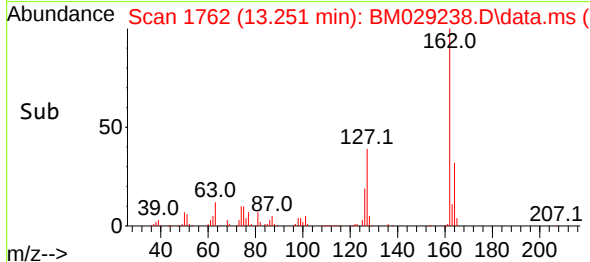
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



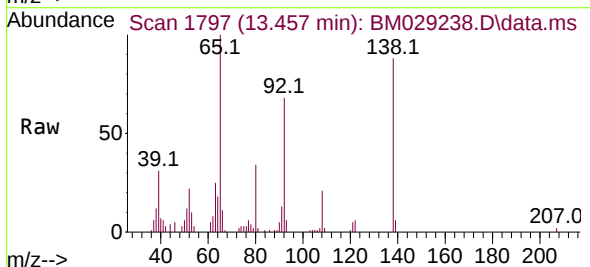
Tgt Ion:162 Resp: 129548  
Ion Ratio Lower Upper  
162 100  
127 38.6 30.4 45.6  
164 32.1 26.3 39.5

Manual Integrations  
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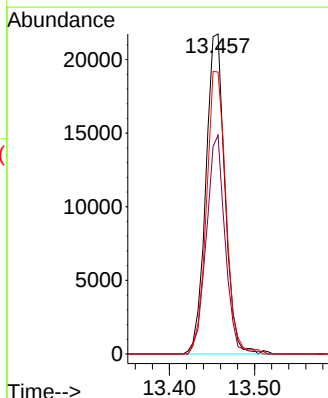
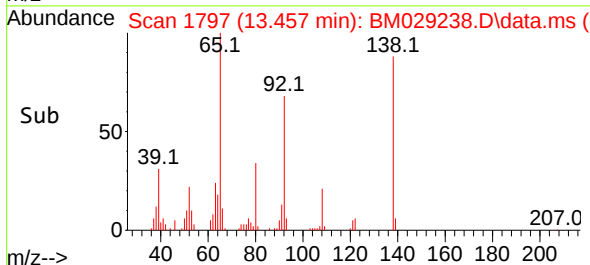
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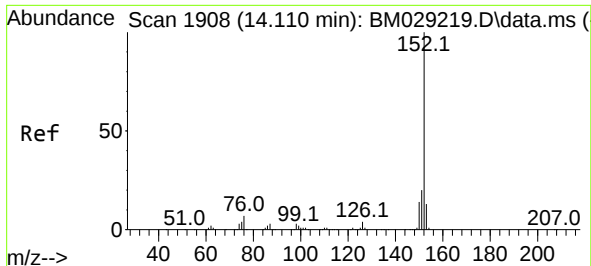


#48  
2-Nitroaniline  
Concen: 9.35 ng  
RT: 13.457 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



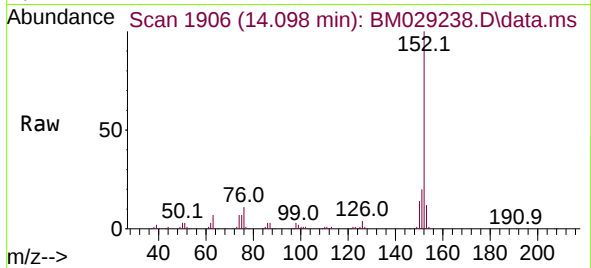
Tgt Ion: 65 Resp: 33763  
Ion Ratio Lower Upper  
65 100  
92 68.4 52.4 78.6  
138 88.1 75.0 112.6





#49  
Acenaphthylene  
Concen: 10.27 ng  
RT: 14.098 min Scan# 1906  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

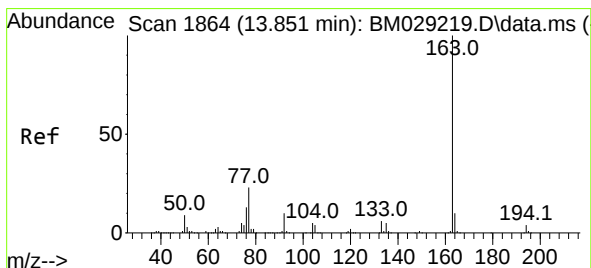
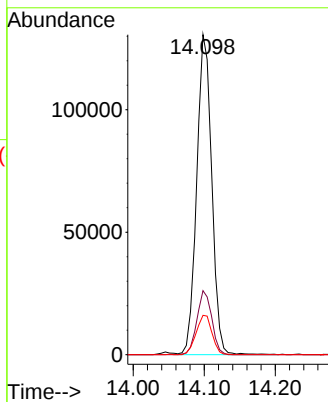
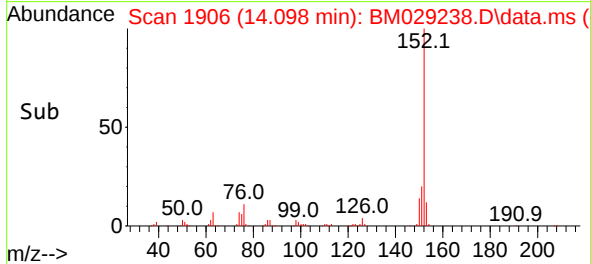
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



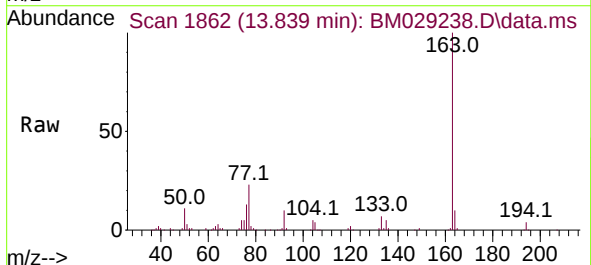
Tgt Ion:152 Resp: 192516  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4  
153 12.3 10.2 15.2

Manual Integrations  
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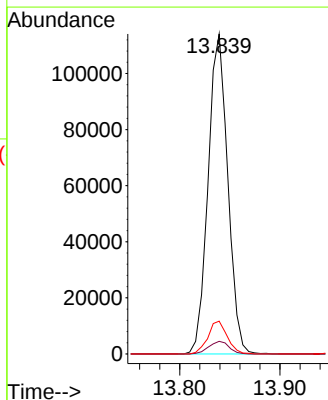
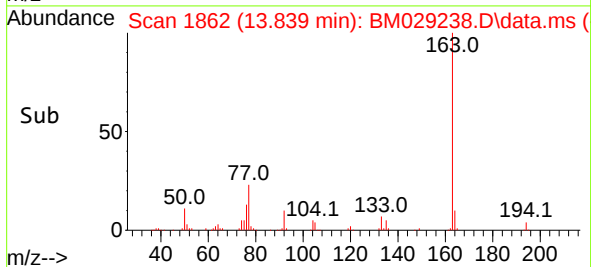
mohammad  
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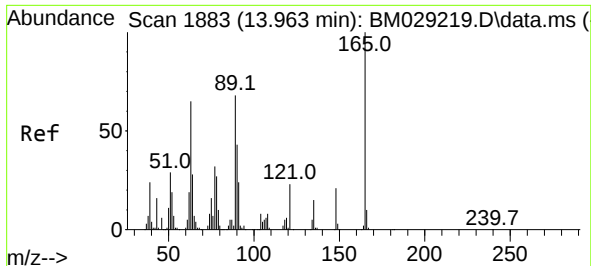


#50  
Dimethylphthalate  
Concen: 10.82 ng  
RT: 13.839 min Scan# 1862  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



Tgt Ion:163 Resp: 155559  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.2 7.9 11.9





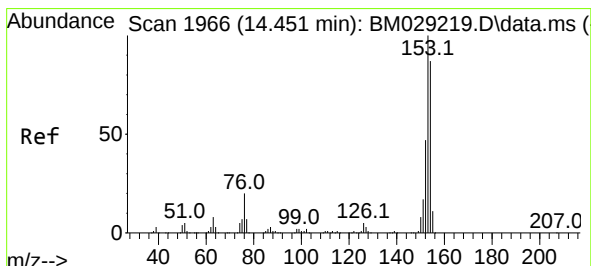
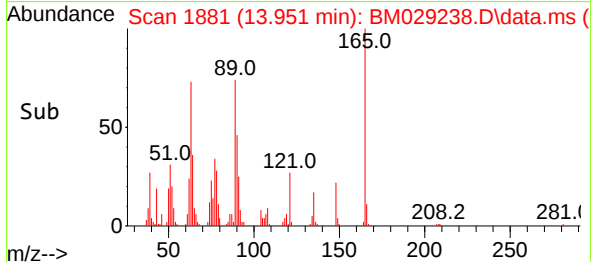
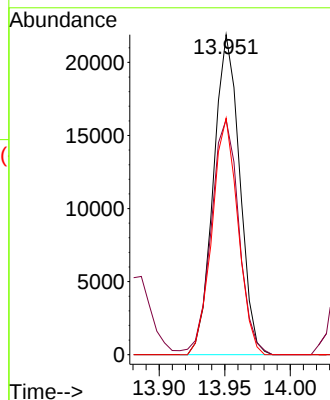
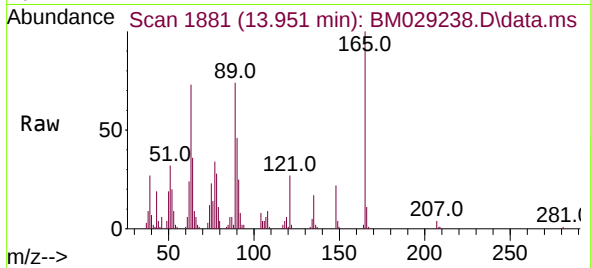
#51  
2,6-Dinitrotoluene  
Concen: 9.76 ng  
RT: 13.951 min Scan# 1881  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:165 Resp: 30367  
Ion Ratio Lower Upper  
165 100  
63 73.4 51.4 77.2  
89 73.9 51.4 77.2

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

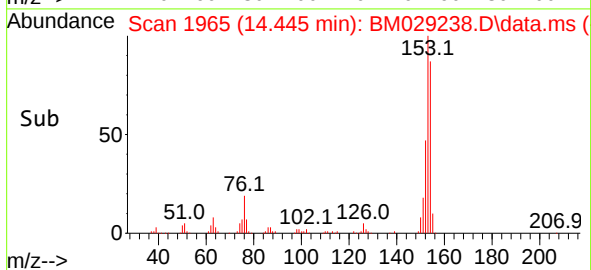
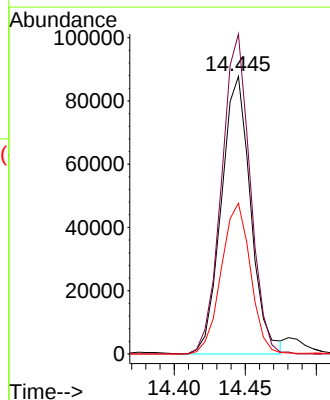
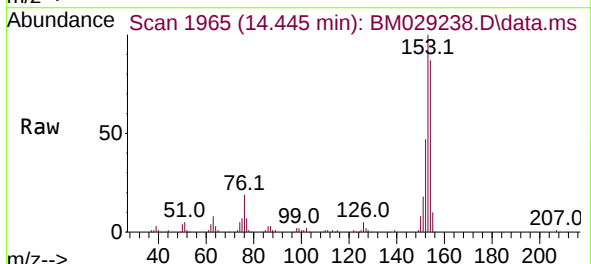
Manual Integrations  
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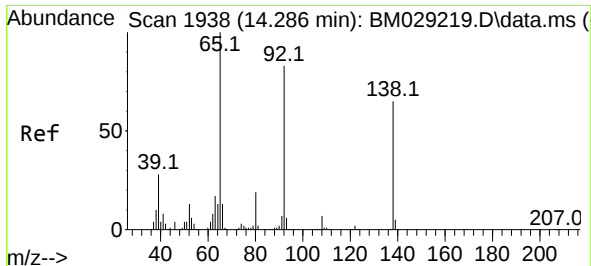
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#52  
Acenaphthene  
Concen: 10.59 ng  
RT: 14.445 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

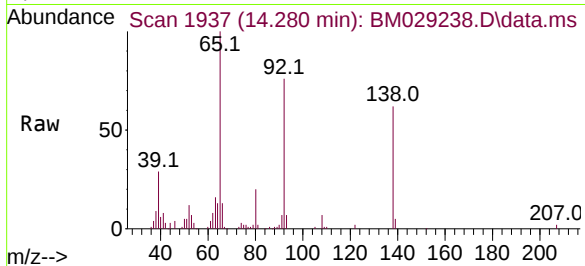
Tgt Ion:154 Resp: 126049  
Ion Ratio Lower Upper  
154 100  
153 115.3 90.5 135.7  
152 54.3 43.4 65.2





#53  
3-Nitroaniline  
Concen: 9.78 ng  
RT: 14.280 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

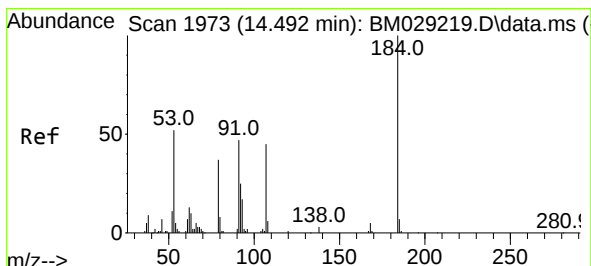
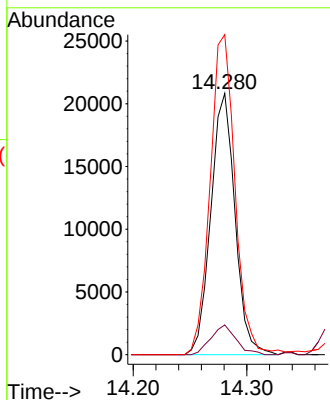
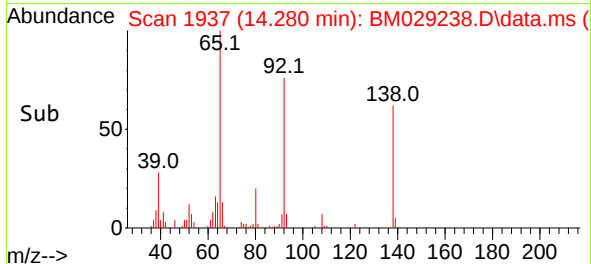
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



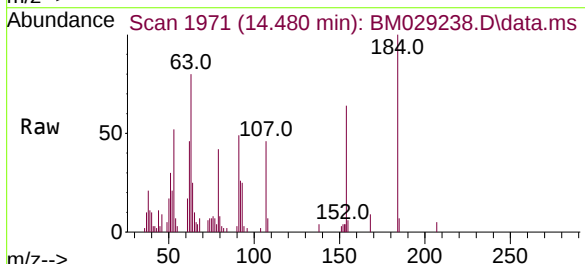
Tgt Ion:138 Resp: 30795  
Ion Ratio Lower Upper  
138 100  
108 11.4 9.0 13.4  
92 122.5 101.4 152.0

Manual Integrations  
APPROVED

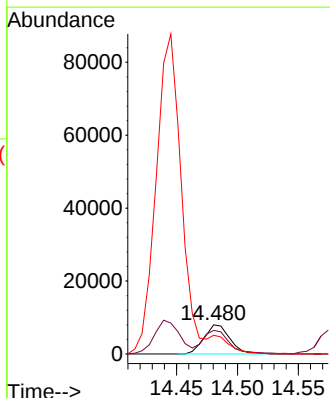
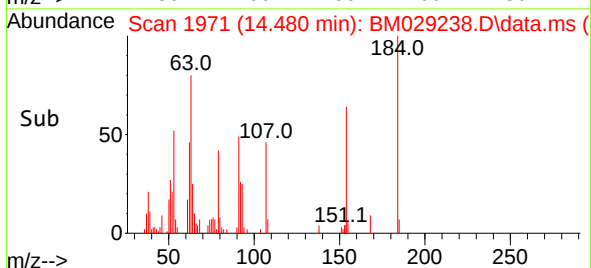
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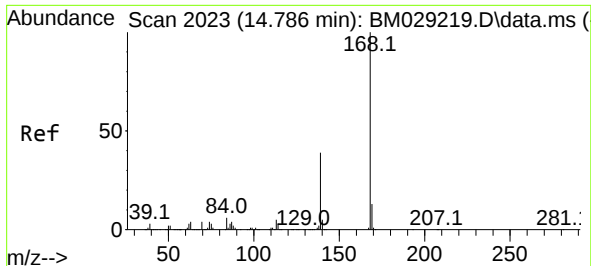


#54  
2,4-Dinitrophenol  
Concen: 7.54 ng  
RT: 14.480 min Scan# 1971  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



Tgt Ion:184 Resp: 11723  
Ion Ratio Lower Upper  
184 100  
63 80.3 61.9 92.9  
154 64.3 52.3 78.5





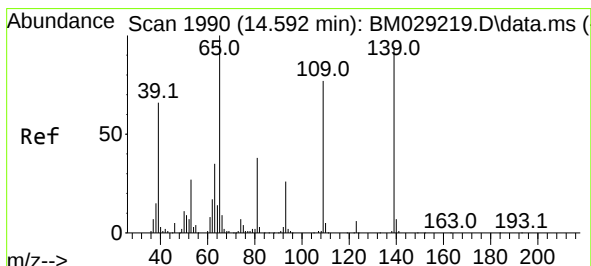
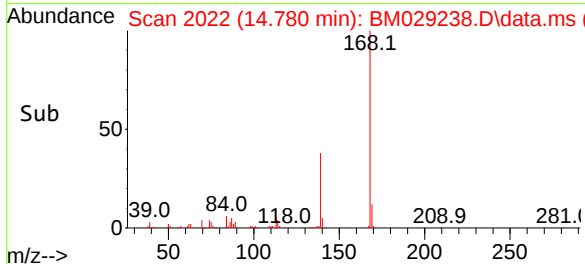
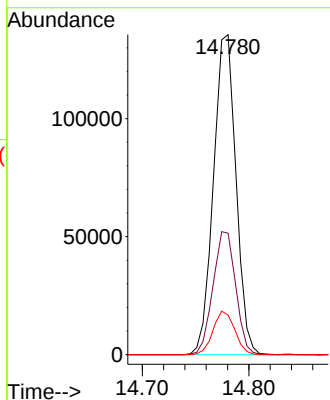
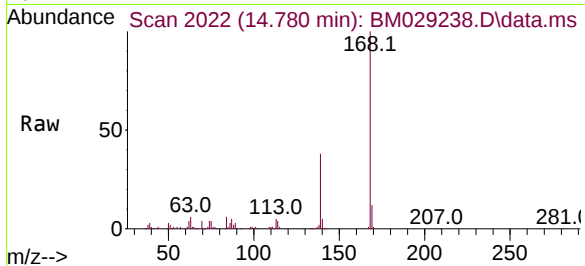
#55  
Dibenzenofuran  
Concen: 10.60 ng  
RT: 14.780 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 30.6  | 46.0  |
| 169     | 12.4  | 10.2  | 15.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

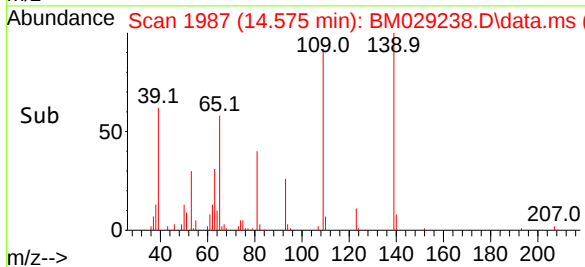
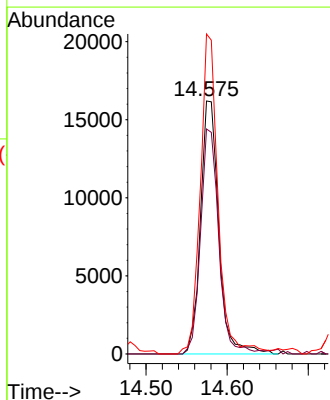
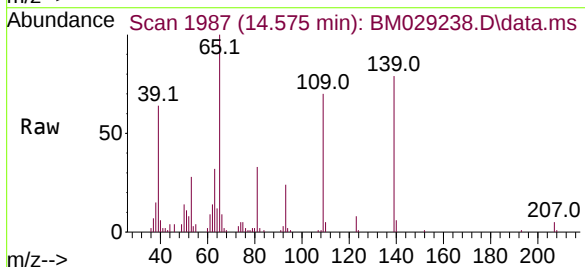
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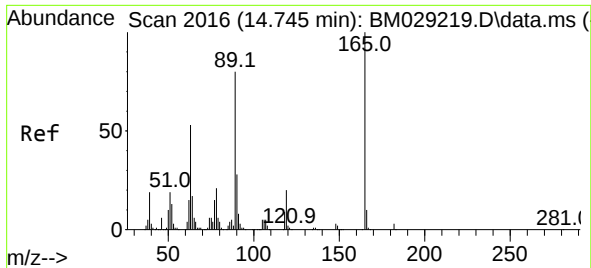
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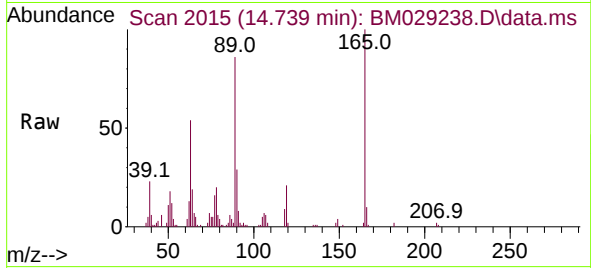
#56  
4-Nitrophenol  
Concen: 8.82 ng  
RT: 14.575 min Scan# 1987  
Delta R.T. -0.017 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 88.9  | 69.5  | 109.5 |
| 65      | 126.5 | 98.1  | 138.1 |

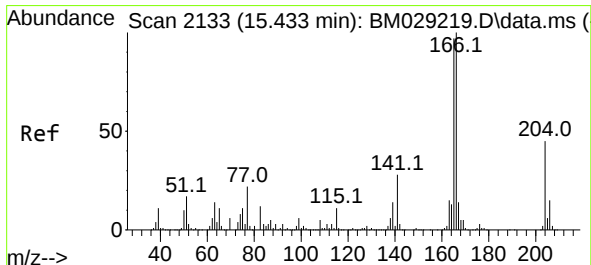
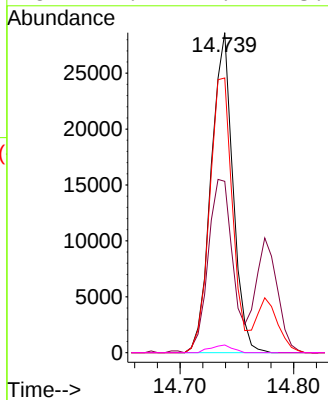
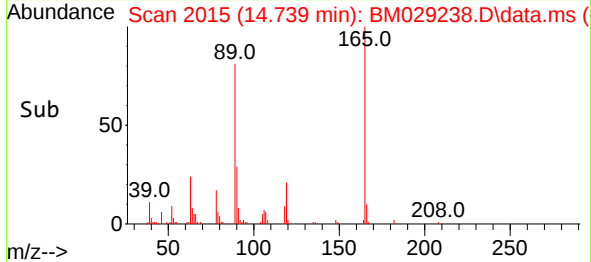




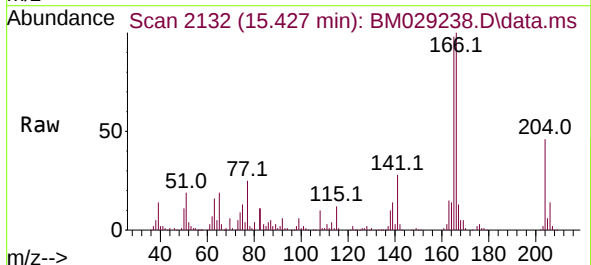
#57  
2,4-Dinitrotoluene  
Concen: 9.35 ng  
RT: 14.739 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



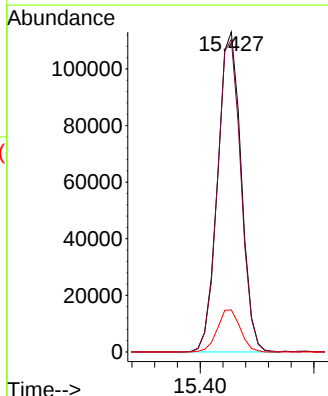
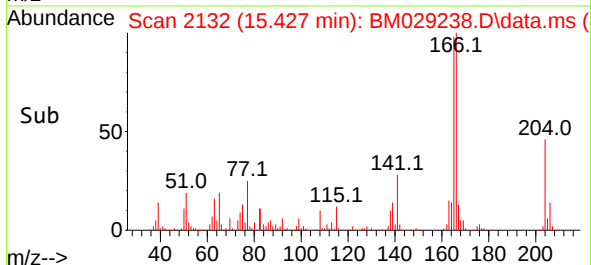
Tgt Ion:165 Resp: 38226  
Ion Ratio Lower Upper  
165 100  
63 53.5 42.2 63.4  
89 85.8 65.6 98.4  
182 2.4 2.2 3.4



#58  
Fluorene  
Concen: 10.66 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



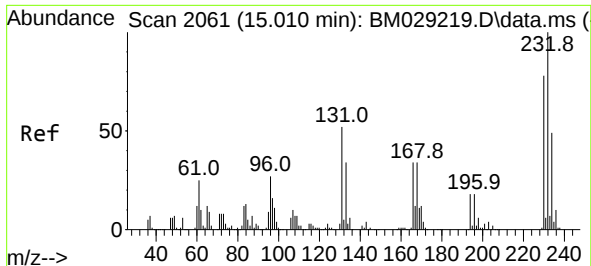
Tgt Ion:166 Resp: 161916  
Ion Ratio Lower Upper  
166 100  
165 97.6 79.6 119.4  
167 13.2 11.0 16.6



Instrument :  
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ClientSampleId :  
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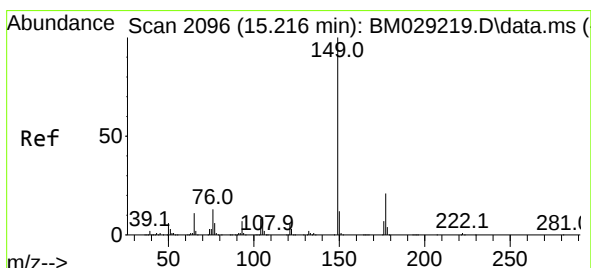
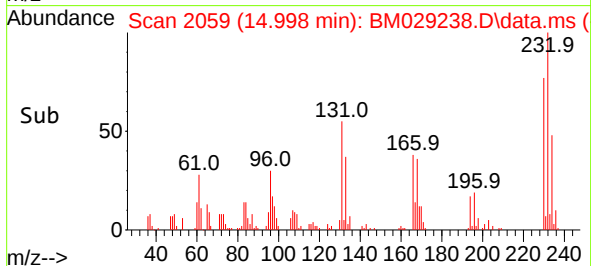
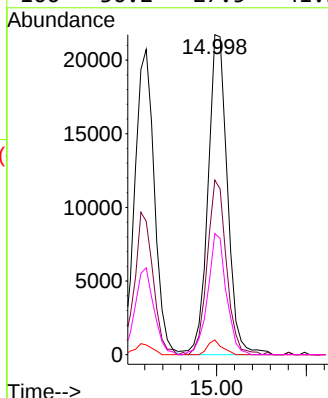
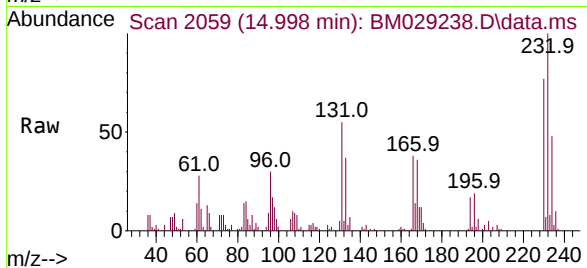
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.52 ng  
RT: 14.998 min Scan# 2059  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:232 Resp: 32578  
Ion Ratio Lower Upper  
232 100  
131 53.9 41.1 61.7  
130 3.4 2.6 3.8  
166 36.2 27.5 41.3

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

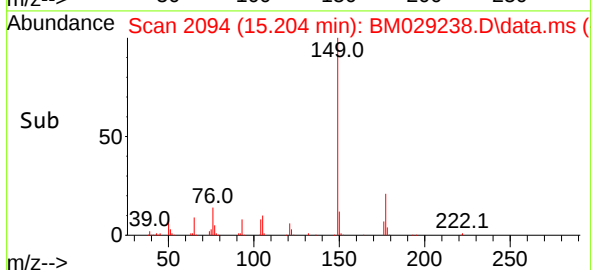
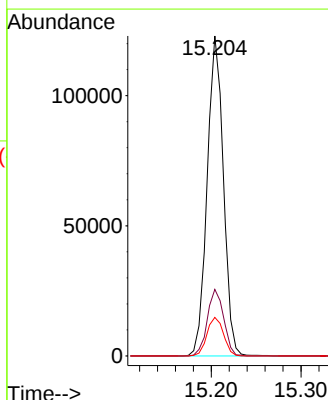
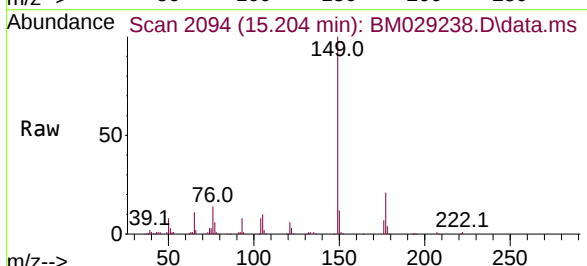
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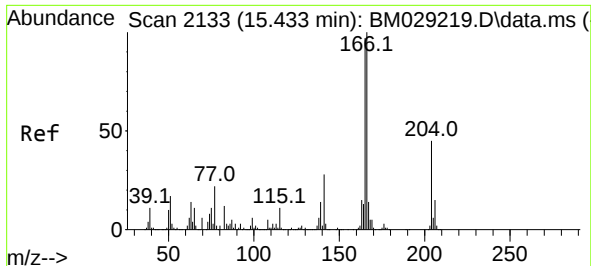
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#60  
Diethylphthalate  
Concen: 10.90 ng  
RT: 15.204 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:149 Resp: 154405  
Ion Ratio Lower Upper  
149 100  
177 20.8 17.3 25.9  
150 12.0 9.8 14.6





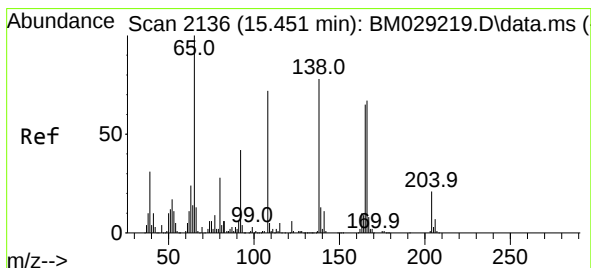
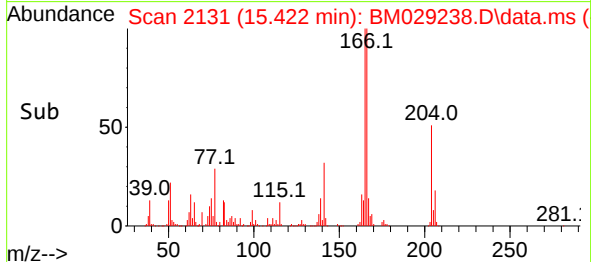
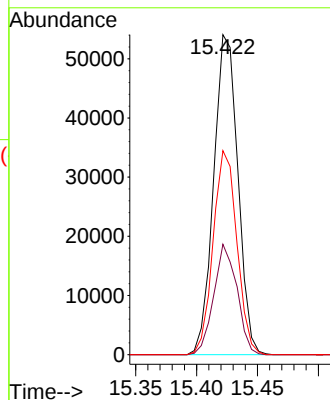
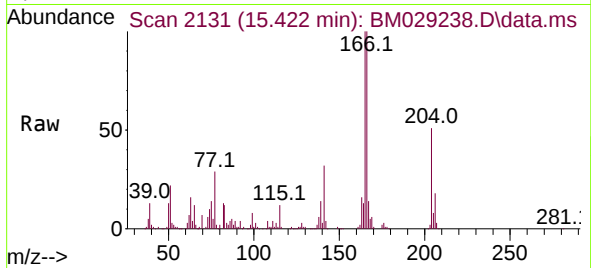
#61  
4-Chlorophenyl-phenylether  
Concen: 10.65 ng  
RT: 15.422 min Scan# 2131  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:204 Resp: 74652  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.7 40.1  
141 63.8 48.4 72.6

Instrument :  
BNA\_M  
ClientSampleId :  
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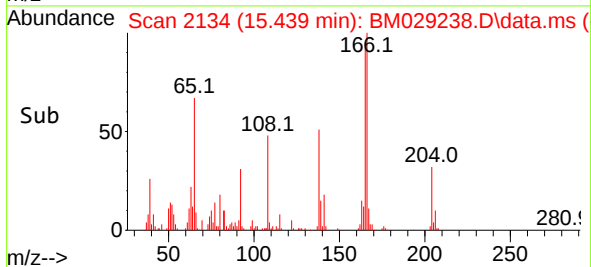
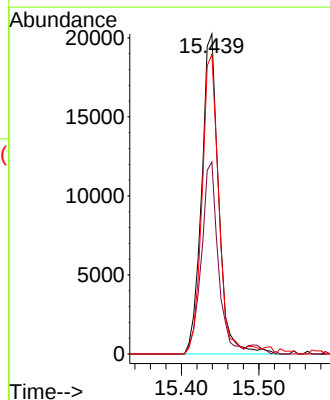
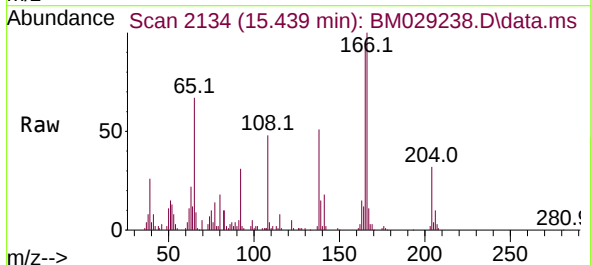
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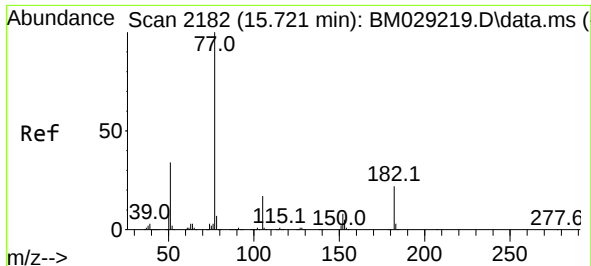
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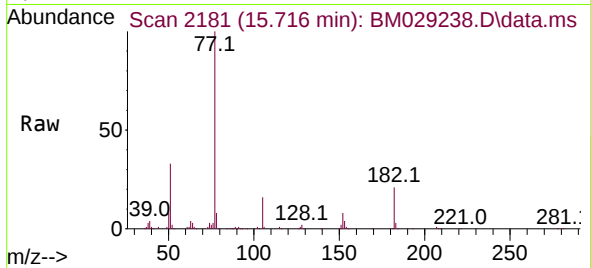
#62  
4-Nitroaniline  
Concen: 9.32 ng  
RT: 15.439 min Scan# 2134  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:138 Resp: 30915  
Ion Ratio Lower Upper  
138 100  
92 59.9 38.2 78.2  
108 93.6 71.7 111.7

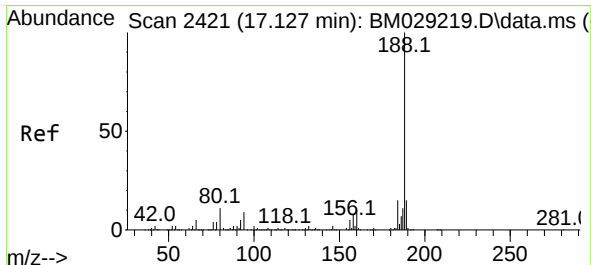
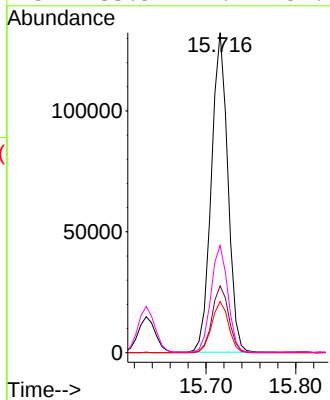
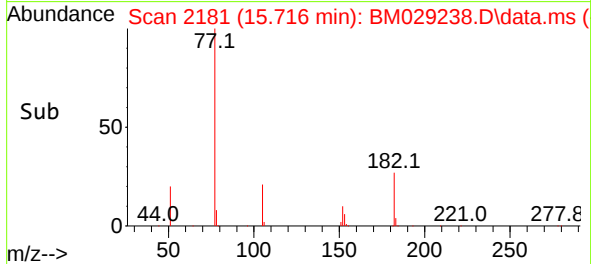




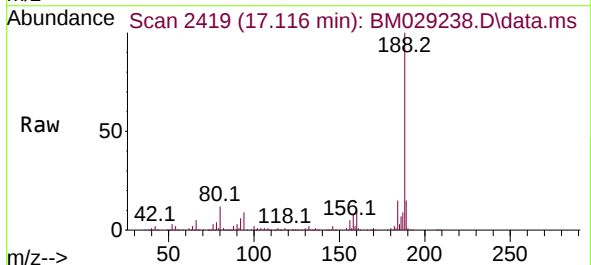
#63  
Azobenzene  
Concen: 10.41 ng  
RT: 15.716 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



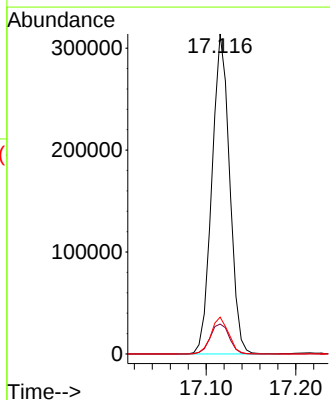
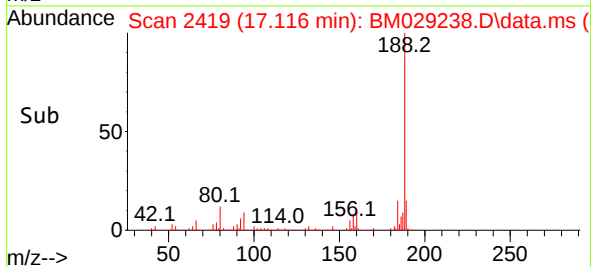
Tgt Ion: 77 Resp: 168605  
Ion Ratio Lower Upper  
77 100  
182 20.8 2.3 42.3  
105 16.0 0.0 36.4  
51 33.5 12.9 52.9



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.116 min Scan# 2419  
Delta R.T. -0.011 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



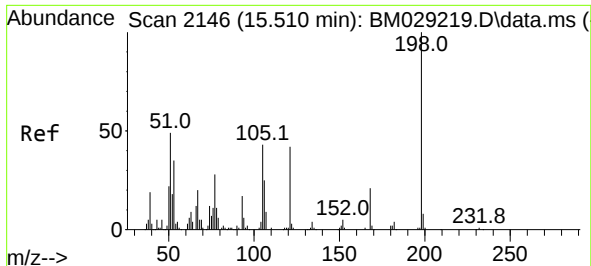
Tgt Ion: 188 Resp: 430659  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.1 12.1  
80 11.5 9.2 13.8



Instrument :  
BNA\_M  
ClientSampleId :  
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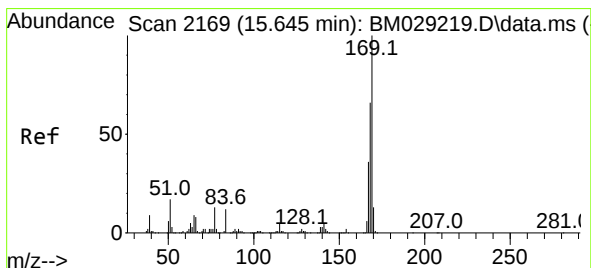
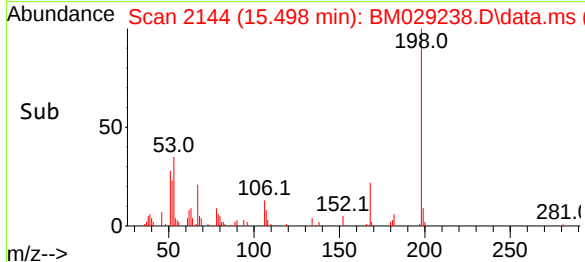
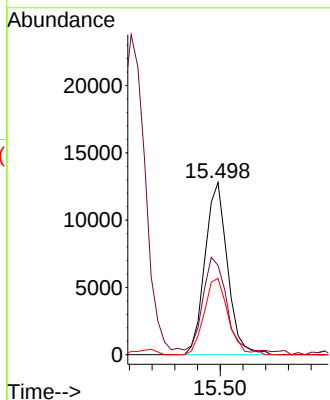
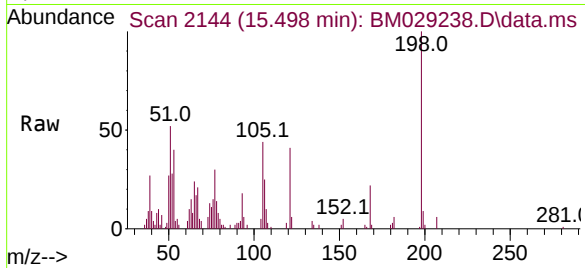
#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.32 ng  
RT: 15.498 min Scan# 2144  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 51.8  | 35.1  | 75.1  |
| 105     | 44.3  | 29.4  | 69.4  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

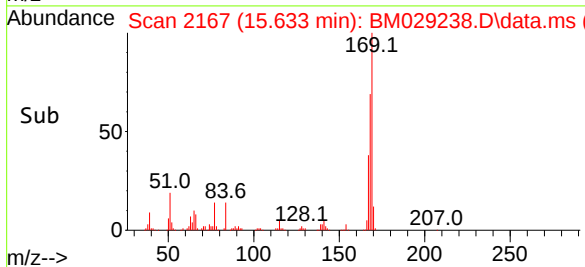
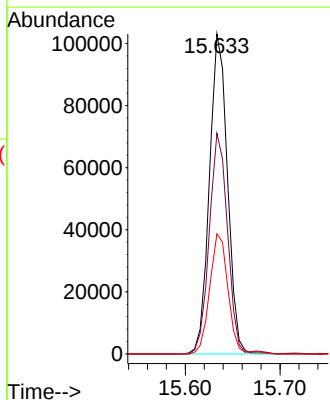
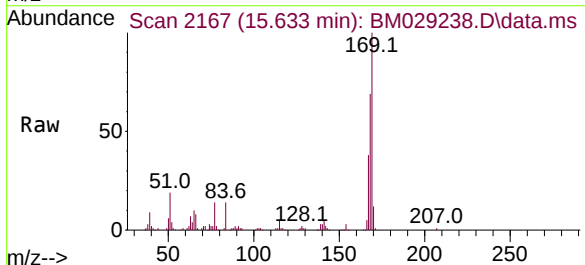
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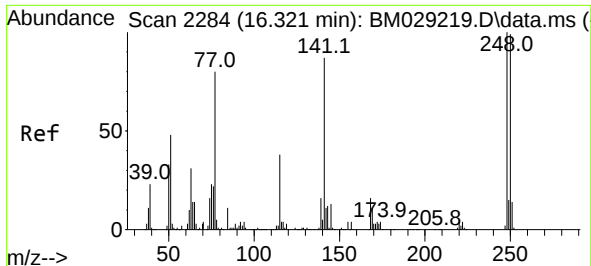
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#66  
n-Nitrosodiphenylamine  
Concen: 9.87 ng  
RT: 15.633 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.0  | 54.6  | 81.8  |
| 167     | 37.6  | 29.4  | 44.0  |





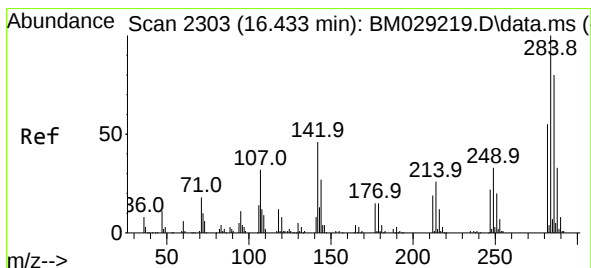
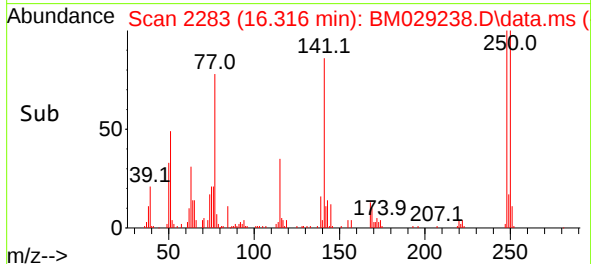
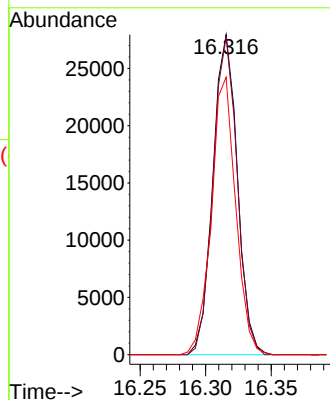
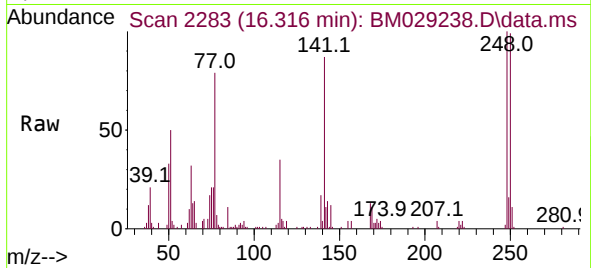
#67  
4-Bromophenyl-phenylether  
Concen: 9.18 ng  
RT: 16.316 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 36221      |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 99.2  | 78.4 117.6 |
| 141         | 86.7  | 67.1 100.7 |

Instrument :  
BNA\_M  
ClientSampleId :  
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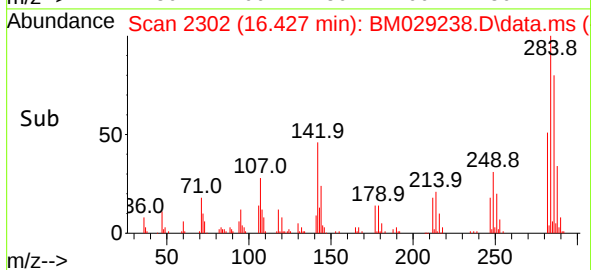
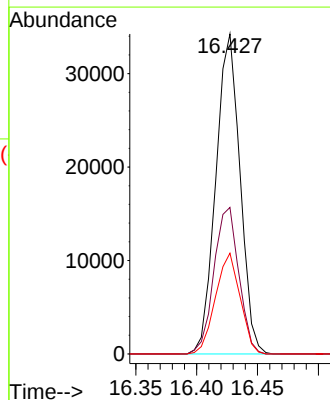
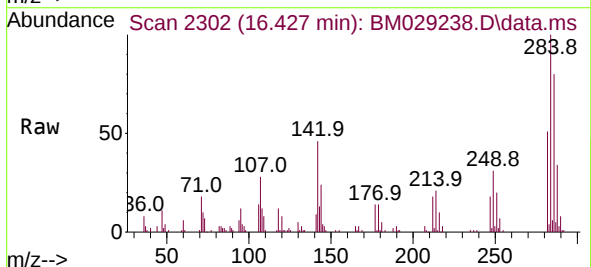
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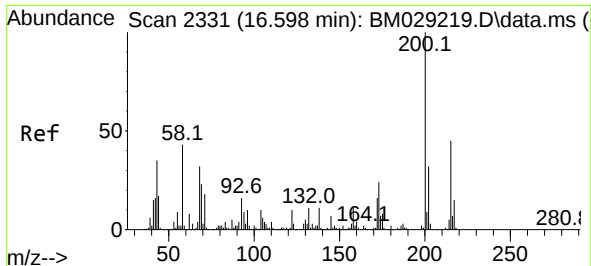
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#68  
Hexachlorobenzene  
Concen: 10.20 ng  
RT: 16.427 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 47401     |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 45.8  | 33.4 50.2 |
| 249         | 31.5  | 25.9 38.9 |





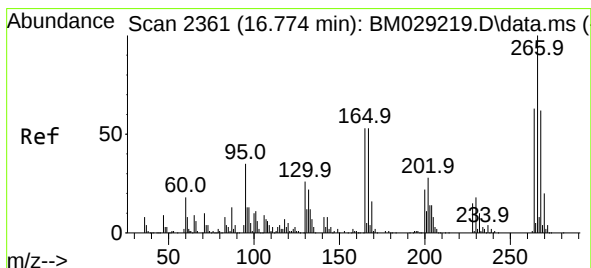
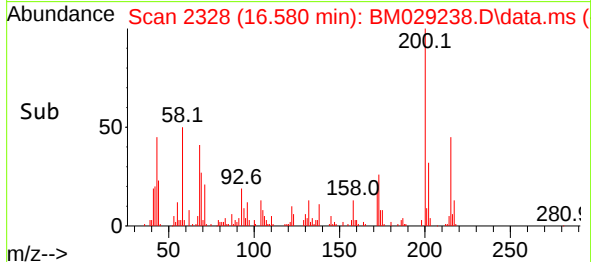
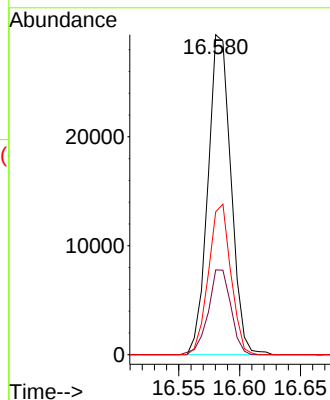
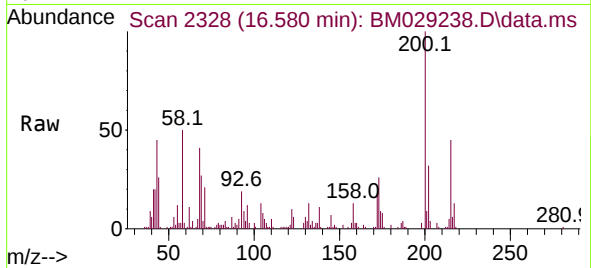
#69  
Atrazine  
Concen: 8.87 ng  
RT: 16.580 min Scan# 2328  
Delta R.T. -0.017 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 6.1   | 46.1  |
| 215     | 44.7  | 23.8  | 63.8  |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

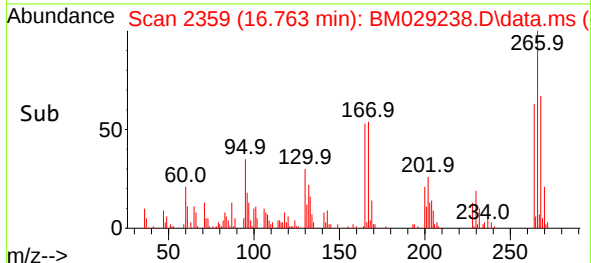
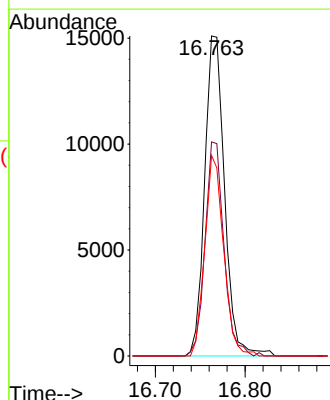
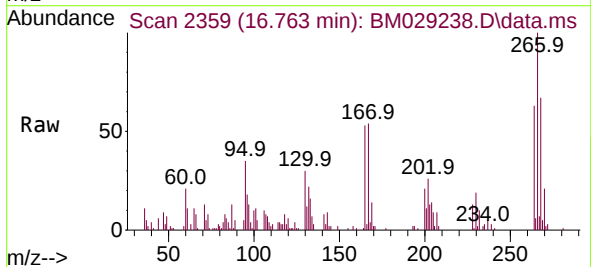
Manual Integrations  
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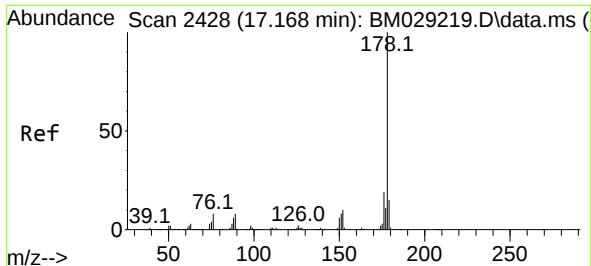
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#70  
Pentachlorophenol  
Concen: 8.12 ng  
RT: 16.763 min Scan# 2359  
Delta R.T. -0.011 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.9  | 52.2  | 78.2  |
| 264     | 62.7  | 50.9  | 76.3  |





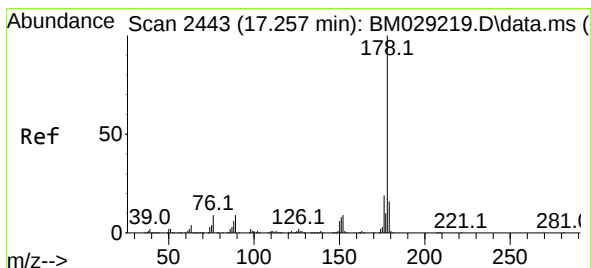
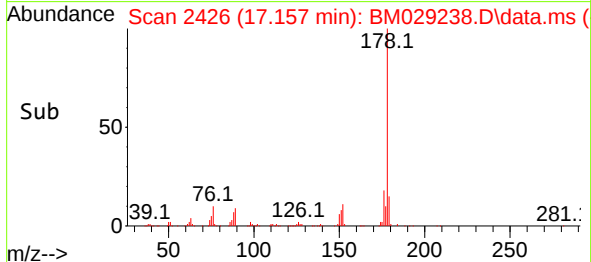
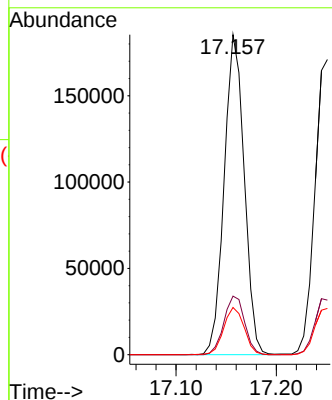
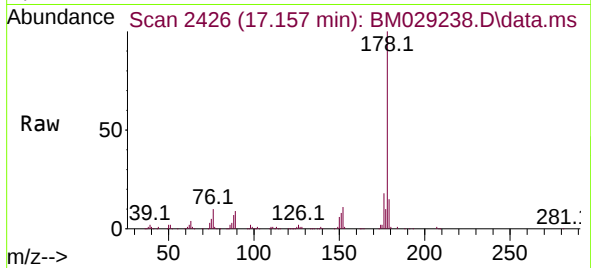
#71  
Phenanthrene  
Concen: 10.29 ng  
RT: 17.157 min Scan# 2426  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:178 Resp: 256974  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.7 23.5  
179 14.7 11.9 17.9

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

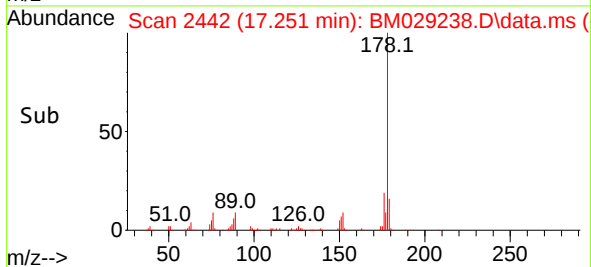
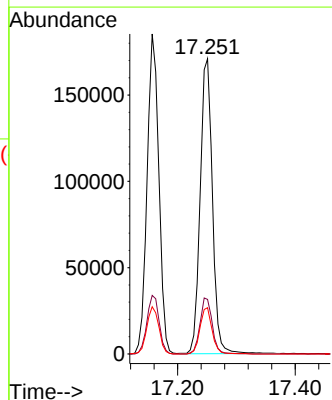
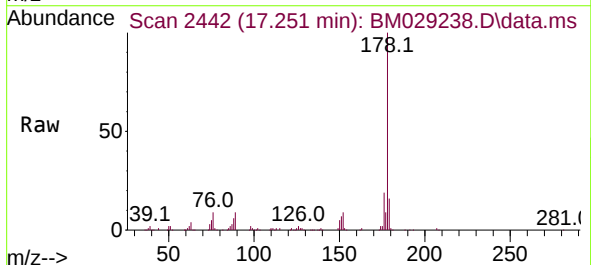
Manual Integrations  
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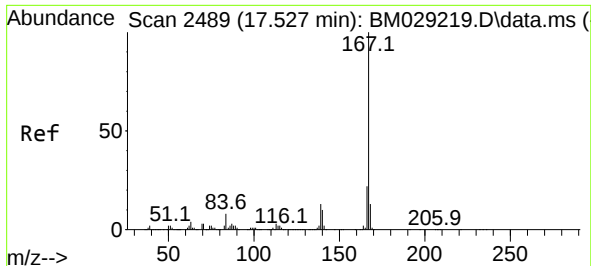
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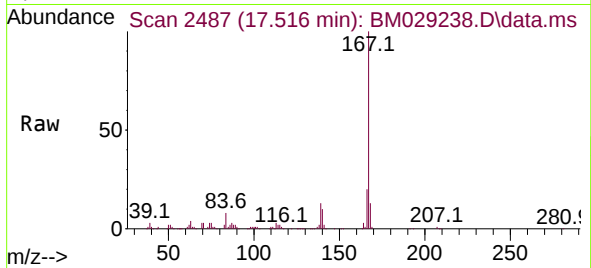
#72  
Anthracene  
Concen: 10.20 ng  
RT: 17.251 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:178 Resp: 247387  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.7 12.1 18.1

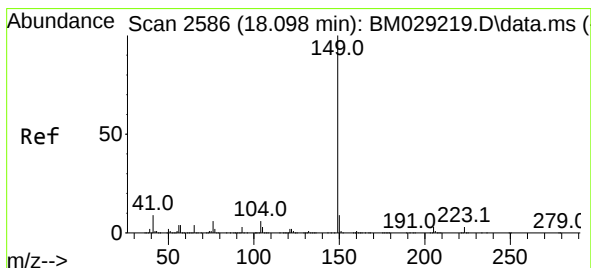
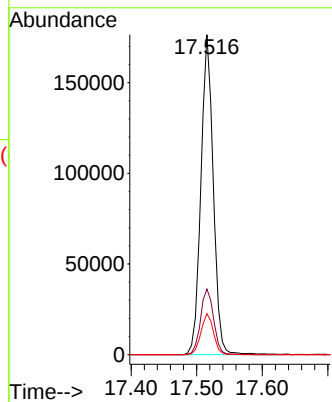
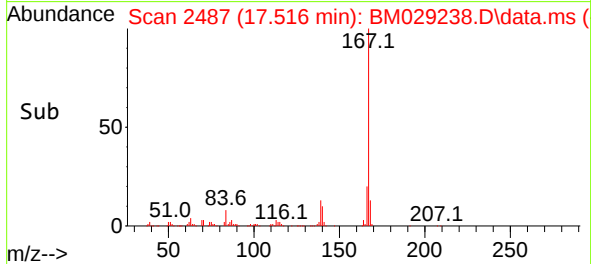




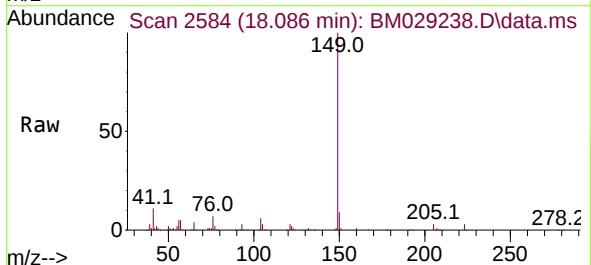
#73  
Carbazole  
Concen: 9.73 ng  
RT: 17.516 min Scan# 2487  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



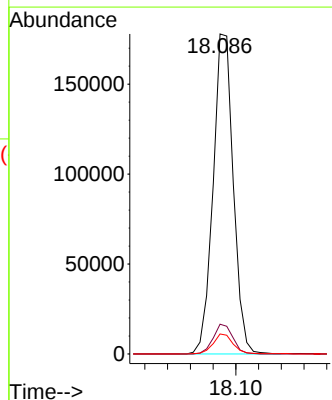
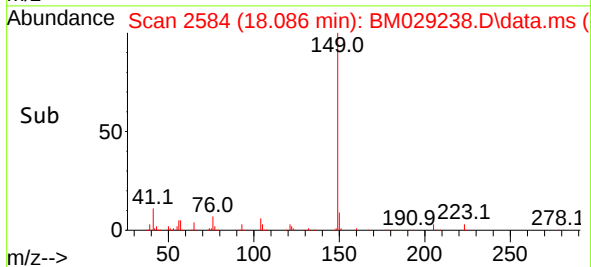
Tgt Ion:167 Resp: 232379  
Ion Ratio Lower Upper  
167 100  
166 20.5 17.5 26.3  
139 12.8 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 9.56 ng  
RT: 18.086 min Scan# 2584  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



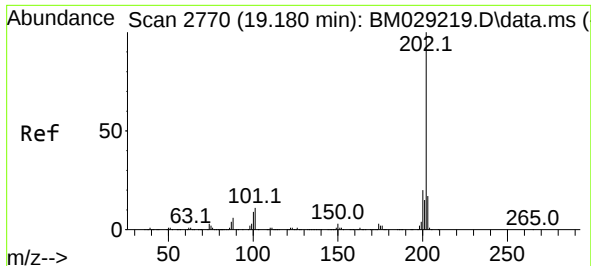
Tgt Ion:149 Resp: 220148  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.3 10.9  
104 6.3 4.6 6.8



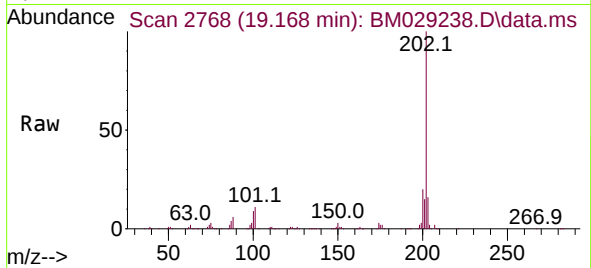
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

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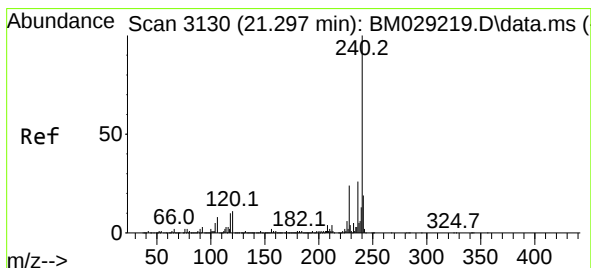
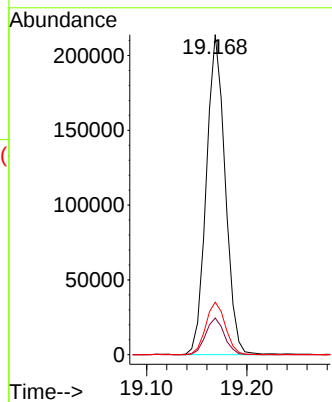
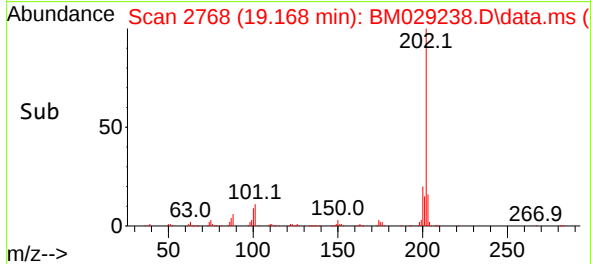
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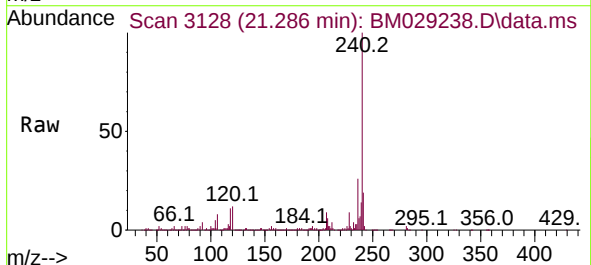
#75  
Fluoranthene  
Concen: 10.14 ng  
RT: 19.168 min Scan# 2768  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



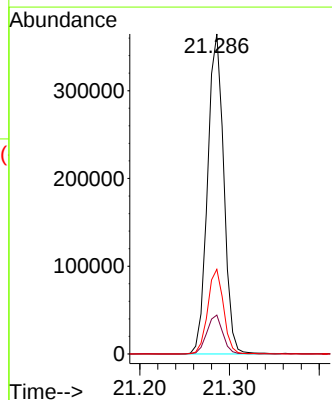
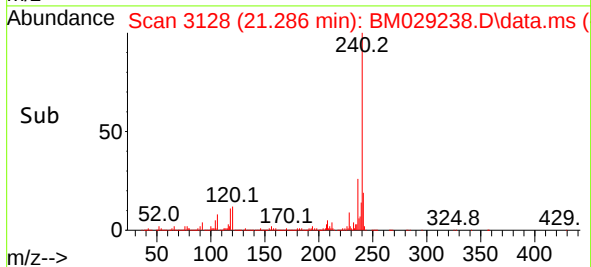
Tgt Ion:202 Resp: 279879  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 31.5  
203 16.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.286 min Scan# 3128  
Delta R.T. -0.011 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



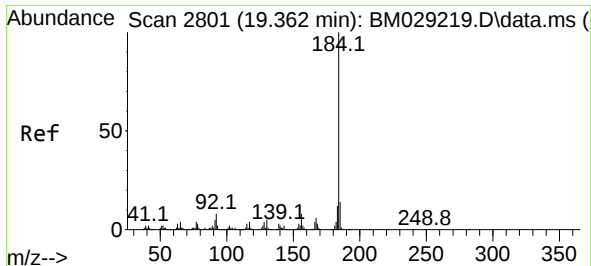
Tgt Ion:240 Resp: 456574  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.0 13.6  
236 26.5 20.3 30.5



Instrument :  
BNA\_M  
ClientSampleId :  
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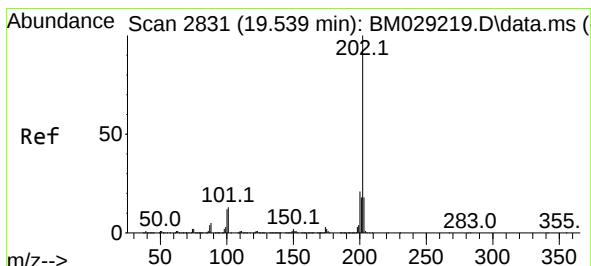
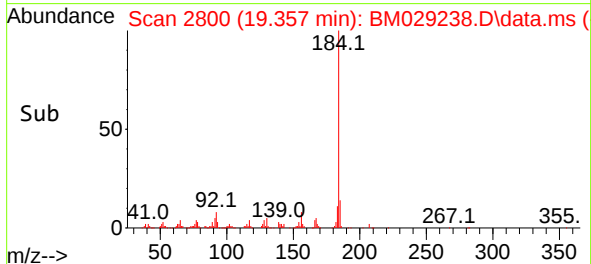
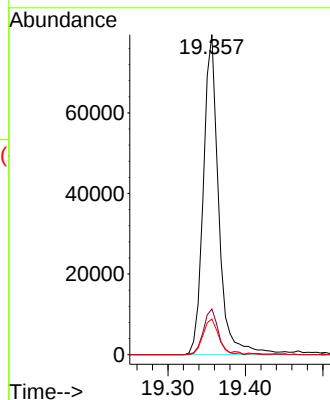
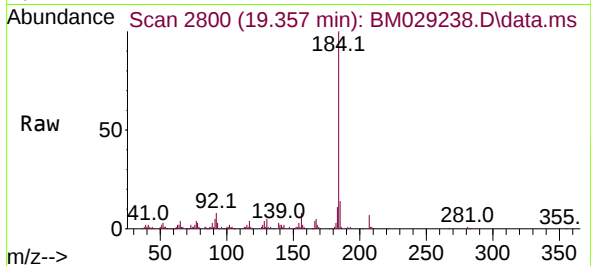
#77  
Benzidine  
Concen: 8.28 ng  
RT: 19.357 min Scan# 2800  
Delta R.T. -0.005 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:184 Resp: 109154  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.3 16.9  
183 11.1 9.8 14.6

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

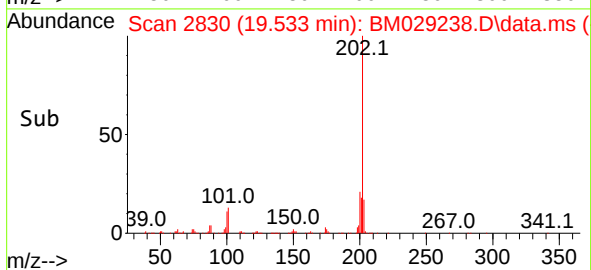
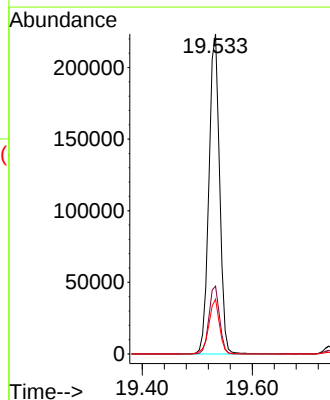
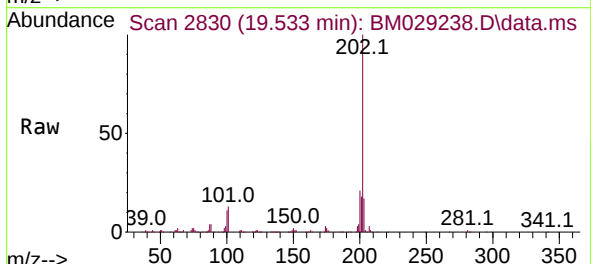
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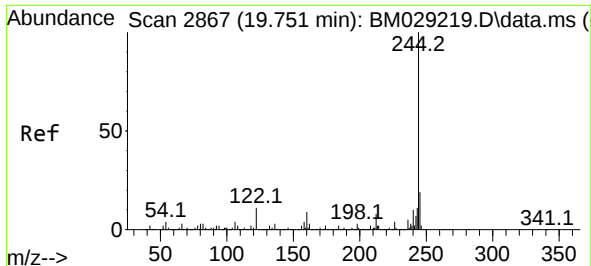
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#78  
Pyrene  
Concen: 9.71 ng  
RT: 19.533 min Scan# 2830  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:202 Resp: 300145  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.1 14.1 21.1





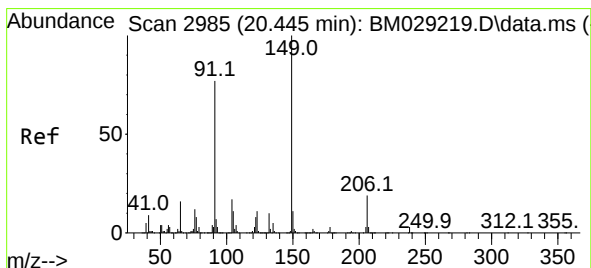
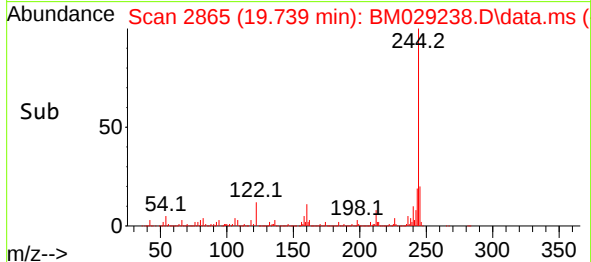
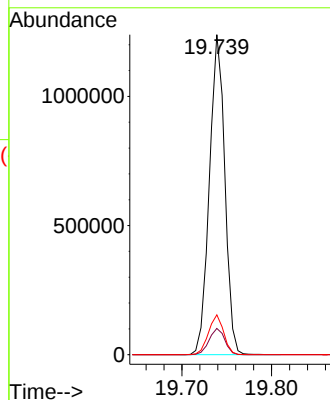
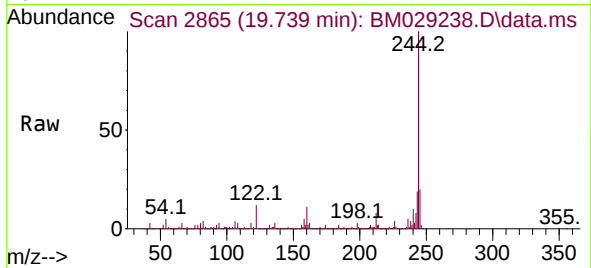
#79  
Terphenyl-d14  
Concen: 65.06 ng  
RT: 19.739 min Scan# 2865  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:244 Resp: 1478659  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 12.4 9.2 13.8

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

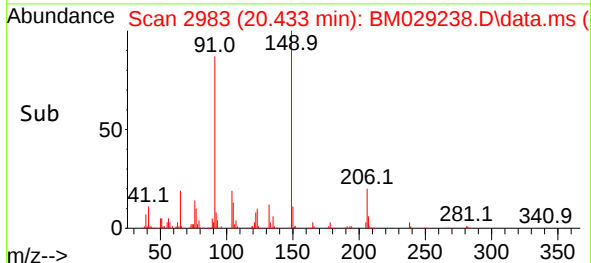
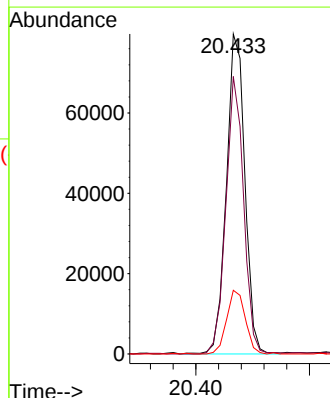
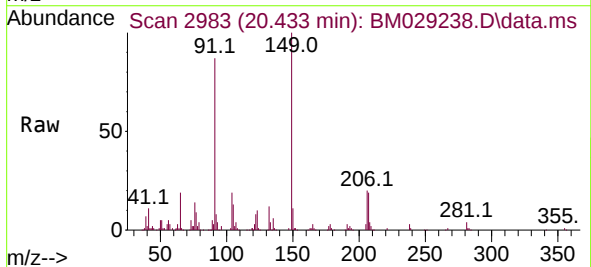
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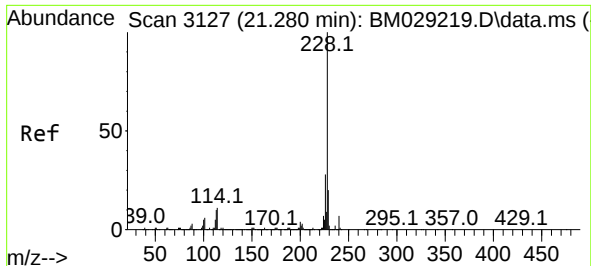
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#80  
Butylbenzylphthalate  
Concen: 8.64 ng  
RT: 20.433 min Scan# 2983  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

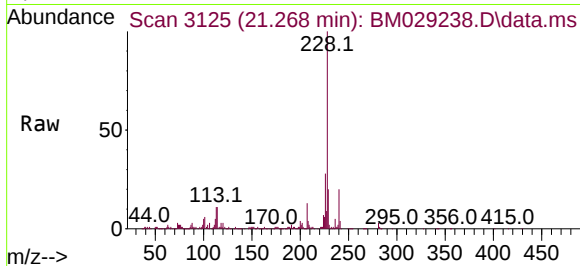
Tgt Ion:149 Resp: 90214  
Ion Ratio Lower Upper  
149 100  
91 86.7 60.5 90.7  
206 19.9 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 9.81 ng  
RT: 21.268 min Scan# 3125  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

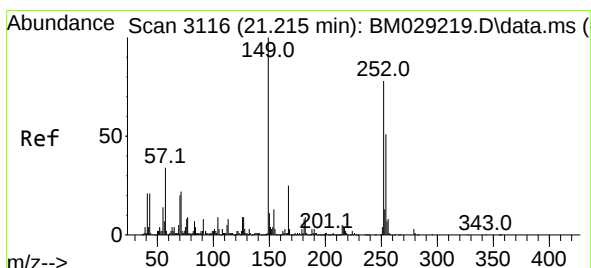
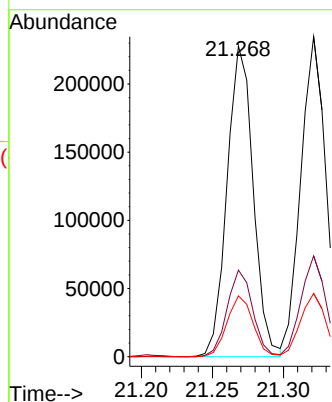
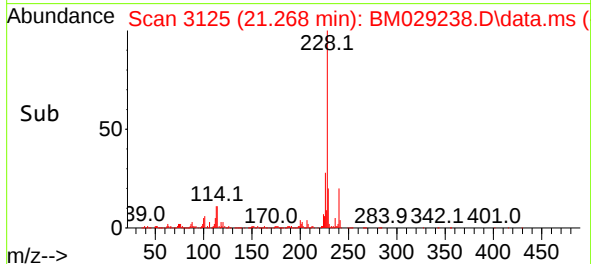
Instrument :  
BNA\_M  
ClientSampleId :  
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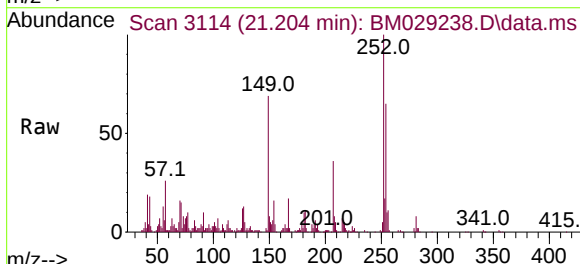
Tgt Ion:228 Resp: 292329  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.9 32.9  
229 19.6 15.7 23.5

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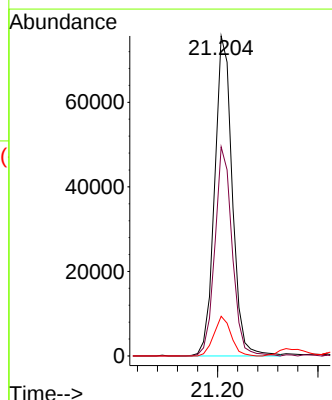
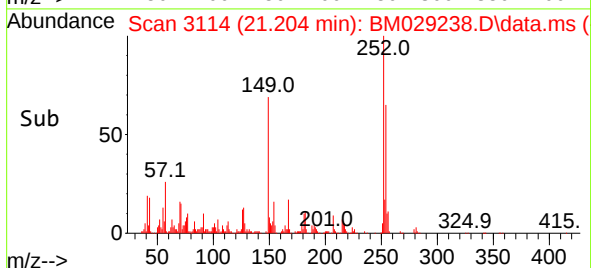
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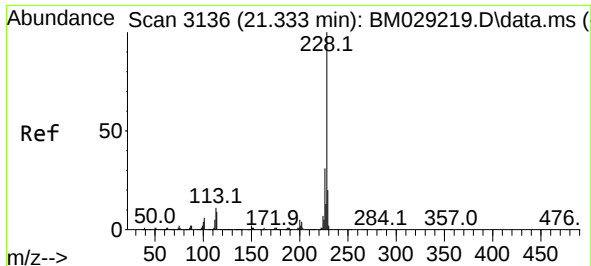


#82  
3,3'-Dichlorobenzidine  
Concen: 10.38 ng  
RT: 21.204 min Scan# 3114  
Delta R.T. -0.011 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



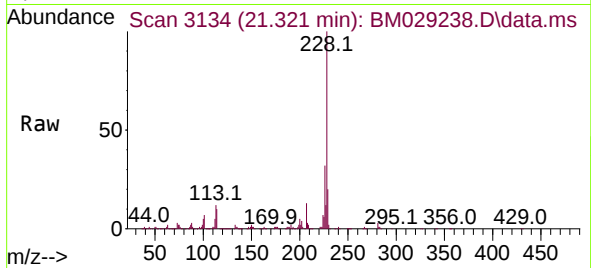
Tgt Ion:252 Resp: 92409  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.6 78.8  
126 12.4 10.8 16.2





#83  
Chrysene  
Concen: 9.70 ng  
RT: 21.321 min Scan# 3134  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

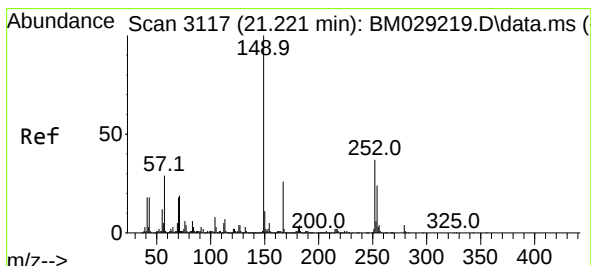
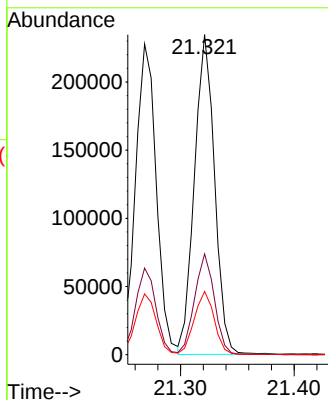
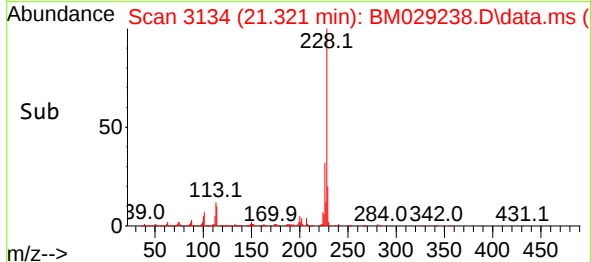
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BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



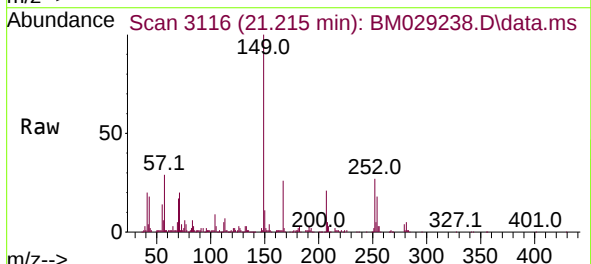
Tgt Ion:228 Resp: 289226  
Ion Ratio Lower Upper  
228 100  
226 31.5 24.7 37.1  
229 19.7 15.8 23.6

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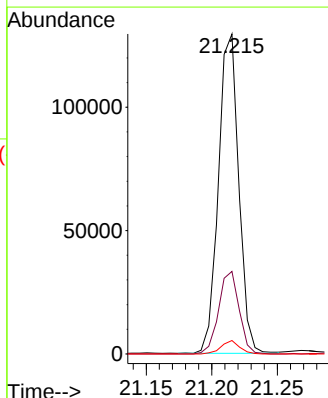
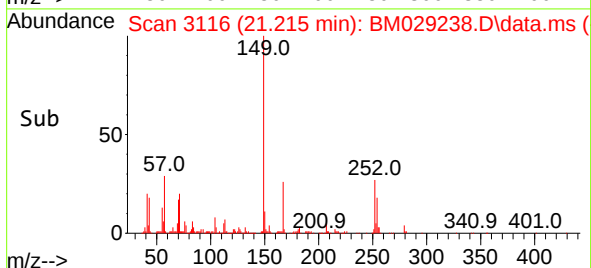
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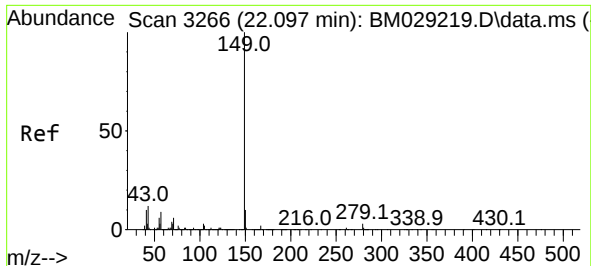


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.28 ng  
RT: 21.215 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



Tgt Ion:149 Resp: 139256  
Ion Ratio Lower Upper  
149 100  
167 25.8 20.6 31.0  
279 4.2 3.3 4.9





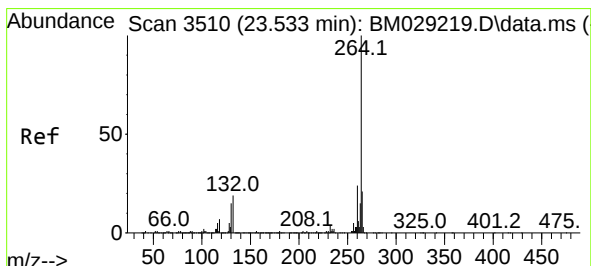
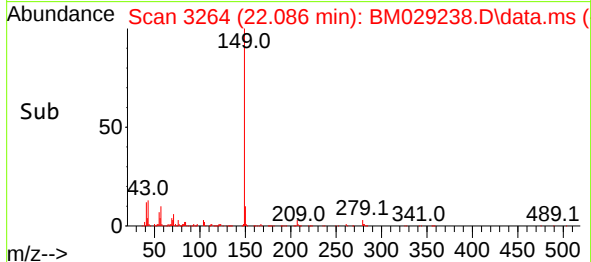
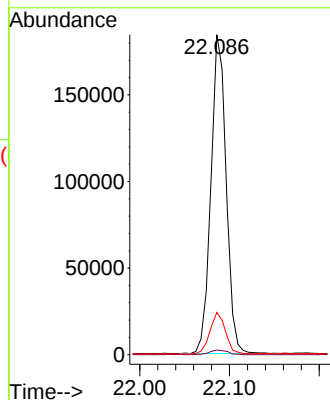
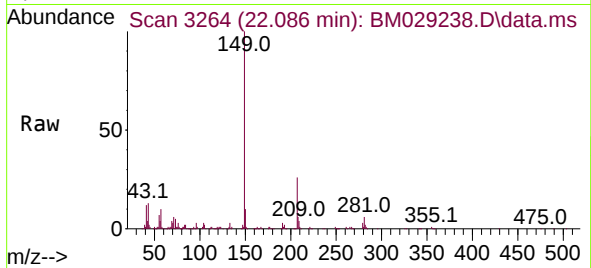
#85  
Di-n-octyl phthalate  
Concen: 8.93 ng  
RT: 22.086 min Scan# 3264  
Delta R.T. -0.011 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:149 Resp: 217148  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 13.2 9.8 14.6

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

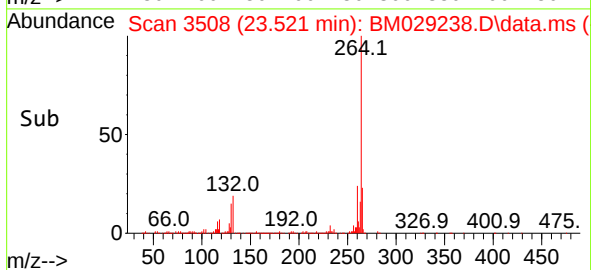
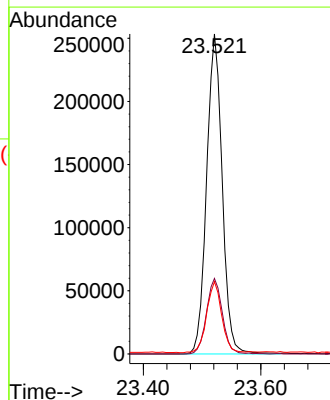
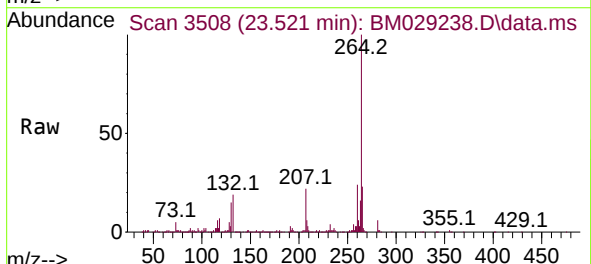
Manual Integrations  
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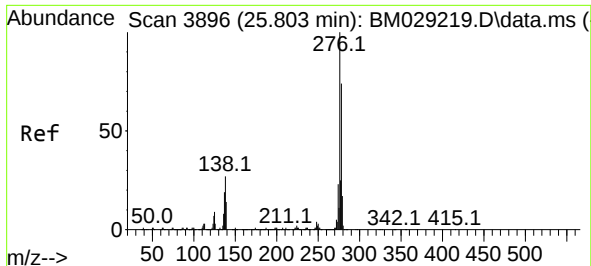
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.521 min Scan# 3508  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

Tgt Ion:264 Resp: 467685  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 22.6 17.8 26.8





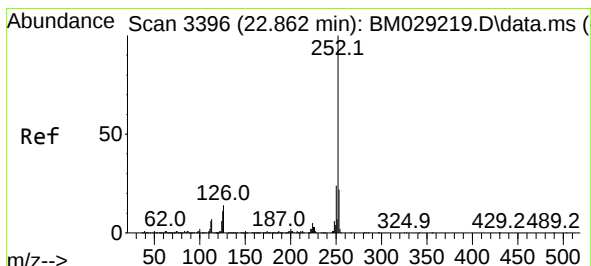
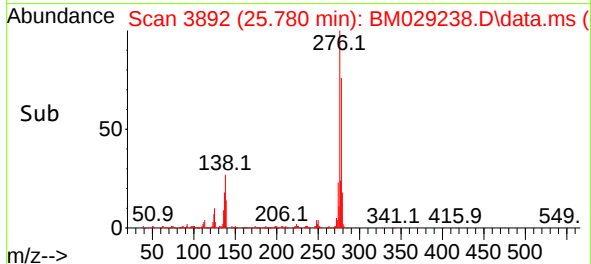
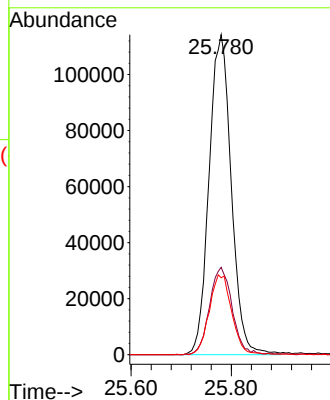
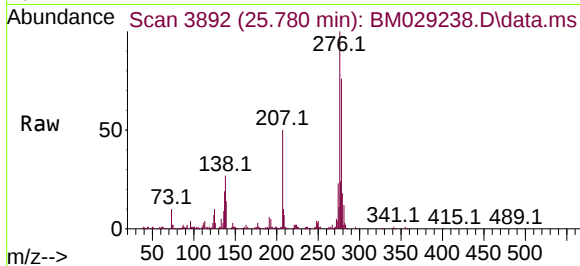
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 10.27 ng  
RT: 25.780 min Scan# 3892  
Delta R.T. -0.023 min  
Lab File: BM029238.D  
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Tgt Ion: 276 Resp: 351248  
Ion Ratio Lower Upper  
276 100  
138 27.7 22.6 34.0  
277 25.3 20.2 30.4

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

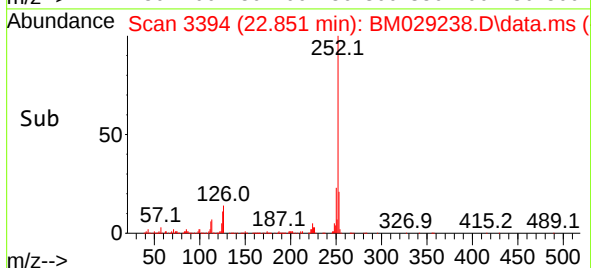
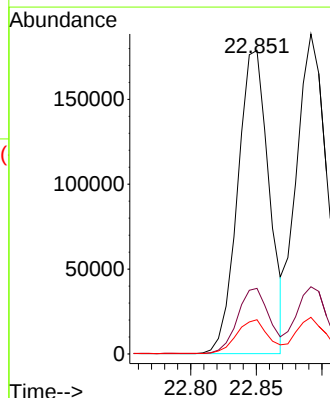
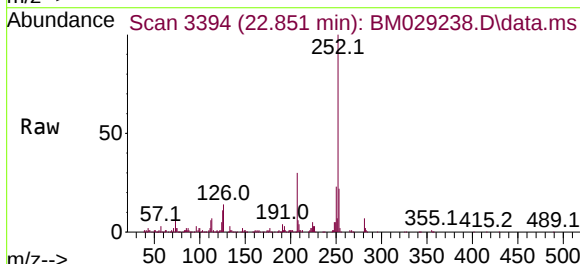
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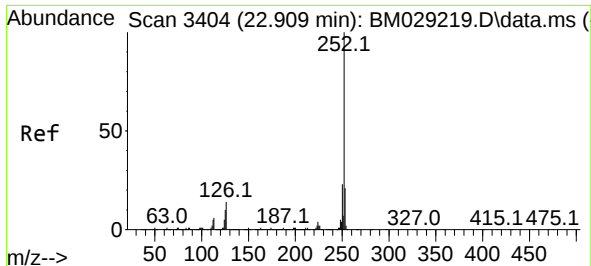
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 9.80 ng  
RT: 22.851 min Scan# 3394  
Delta R.T. -0.012 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

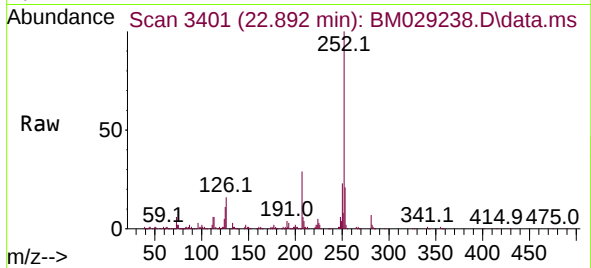
Tgt Ion: 252 Resp: 298088  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 11.3 9.0 13.4





#89  
Benzo(k)fluoranthene  
Concen: 10.43 ng  
RT: 22.892 min Scan# 3401  
Delta R.T. -0.017 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

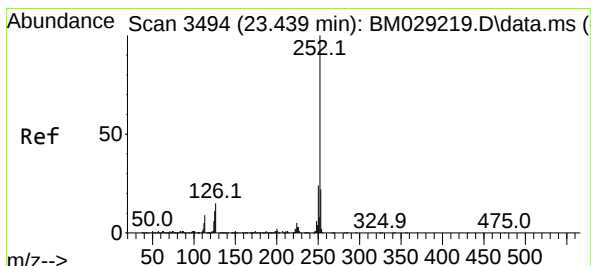
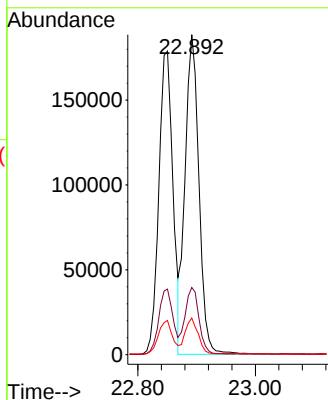
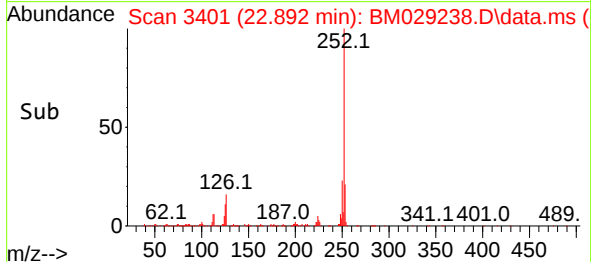
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



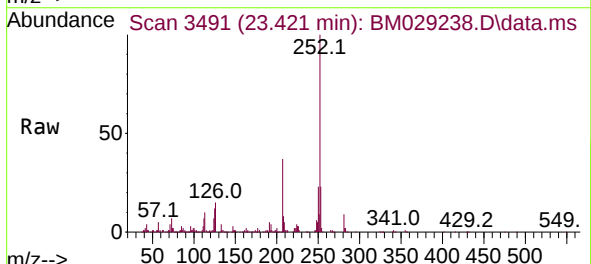
Tgt Ion:252 Resp: 308368  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.6 26.4  
125 11.4 8.7 13.1

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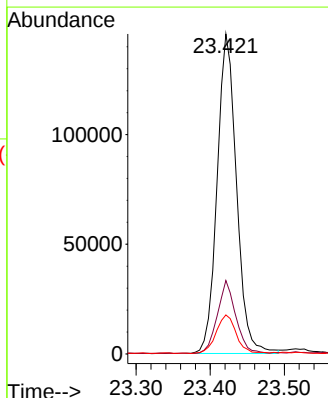
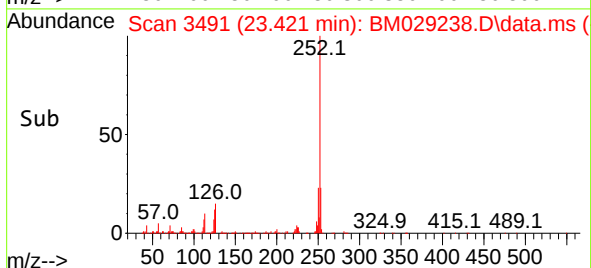
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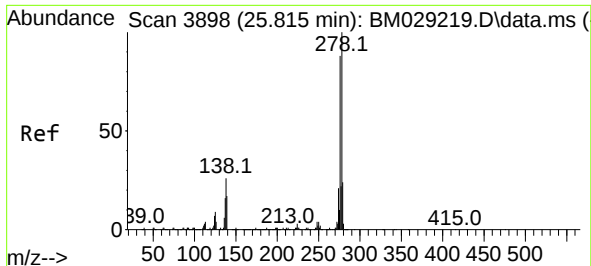


#90  
Benzo(a)pyrene  
Concen: 9.62 ng  
RT: 23.421 min Scan# 3491  
Delta R.T. -0.017 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36



Tgt Ion:252 Resp: 265101  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.0 25.4  
125 12.2 9.5 14.3





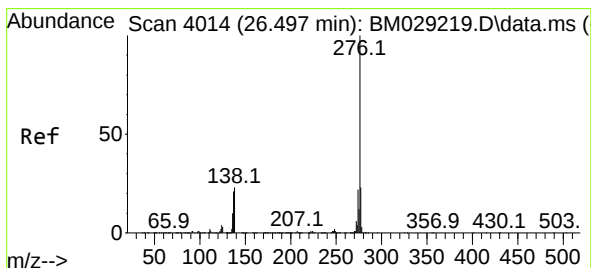
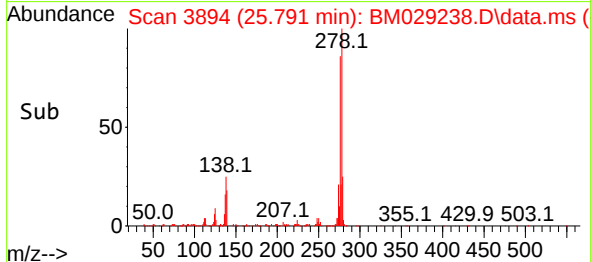
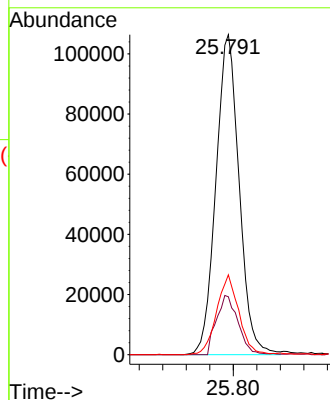
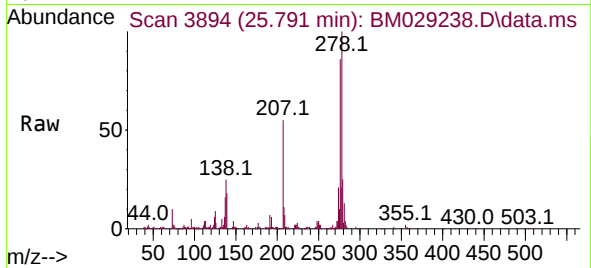
#91  
Dibenzo(a,h)anthracene  
Concen: 9.96 ng  
RT: 25.791 min Scan# 3894  
Delta R.T. -0.023 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 291621 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 18.1  | 14.8  | 22.2   |
| 279      | 24.9  | 19.3  | 28.9   |

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 10.25 ng  
RT: 26.468 min Scan# 4009  
Delta R.T. -0.029 min  
Lab File: BM029238.D  
Acq: 26 Mar 2021 17:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 294188 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 24.4  | 18.7  | 28.1   |
| 138      | 22.2  | 19.0  | 28.4   |

