

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\  
 Data File : BM022736.D  
 Acq On : 20 Sep 2019 21:32  
 Operator : HP/JU  
 Sample : K3591-07  
 Misc : LOD-MDL-W-5PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations  
 APPROVED

mohammad  
 9/24/2019 8:34:58 AM

Quant Time: Sep 21 02:30:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 21 02:22:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 195939   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.62 | 136  | 776710   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.46 | 164  | 437529   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.19 | 188  | 852260   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.37 | 240  | 791367   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.64 | 264  | 828672   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.40  | 112 | 1461592 | 118.30 | ng | 0.00 |
| 7) Phenol-d6                | 6.99  | 99  | 1865717 | 117.58 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.97  | 82  | 1100142 | 78.63  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.94 | 330 | 647717  | 118.59 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.08 | 172 | 2502128 | 78.75  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.82 | 244 | 3330063 | 81.48  | ng | 0.00 |

|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.32  | 88  | 25988  | 5.228  | ng | # 100 |
| 3) Pyridine                    | 3.75  | 79  | 56603  | 4.320  | ng | # 95  |
| 4) n-Nitrosodimethylamine      | 3.64  | 42  | 23152  | 4.853  | ng | # 84  |
| 6) Aniline                     | 7.15  | 93  | 90356  | 4.749  | ng | 99    |
| 8) 2-Chlorophenol              | 7.39  | 128 | 61830  | 4.912  | ng | 96    |
| 9) Benzaldehyde                | 6.96  | 77  | 56084  | 6.207  | ng | 99    |
| 10) Phenol                     | 7.02  | 94  | 75412  | 5.048  | ng | 97    |
| 11) bis(2-Chloroethyl)ether    | 7.25  | 93  | 57009  | 4.857  | ng | 99    |
| 12) 1,3-Dichlorobenzene        | 7.72  | 146 | 71778  | 4.771  | ng | 99    |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 73050  | 4.796  | ng | 100   |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 68538  | 4.720  | ng | 97    |
| 15) Benzyl Alcohol             | 8.06  | 79  | 45698  | 4.602  | ng | 97    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 84463  | 4.954  | ng | 99    |
| 17) 2-Methylphenol             | 8.26  | 107 | 45281  | 4.579  | ng | 98    |
| 18) Hexachloroethane           | 8.90  | 117 | 26379  | 4.722  | ng | 93    |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 41939  | 4.733  | ng | 99    |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 58245  | 4.422  | ng | 96    |
| 22) Acetophenone               | 8.65  | 105 | 89728  | 4.680  | ng | # 99  |
| 24) Nitrobenzene               | 9.02  | 77  | 70899  | 5.296  | ng | 99    |
| 25) Isophorone                 | 9.55  | 82  | 103634 | 4.505  | ng | 100   |
| 26) 2-Nitrophenol              | 9.73  | 139 | 21768  | 3.766  | ng | 94    |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 47941  | 4.955  | ng | 99    |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 74123  | 4.656  | ng | 98    |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 44825  | 4.098  | ng | 98    |
| 30) 1,2,4-Trichlorobenzene     | 10.48 | 180 | 63139  | 4.691  | ng | 97    |
| 31) Naphthalene                | 10.67 | 128 | 191543 | 4.991  | ng | 99    |
| 32) Benzoic acid               | 9.85  | 122 | 12689m | 2.038  | ng |       |
| 33) 4-Chloroaniline            | 10.77 | 127 | 75154  | 4.510  | ng | 99    |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 36348  | 4.531  | ng | 100   |
| 35) Caprolactam                | 11.55 | 113 | 10389m | 3.204  | ng |       |
| 36) 4-Chloro-3-methylphenol    | 11.89 | 107 | 43667  | 4.092  | ng | 99    |
| 37) 2-Methylnaphthalene        | 12.28 | 142 | 129797 | 4.859  | ng | 99    |
| 38) 1-Methylnaphthalene        | 12.50 | 142 | 121505 | 4.792  | ng | 100   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 64718  | 4.365  | ng | 99    |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations  
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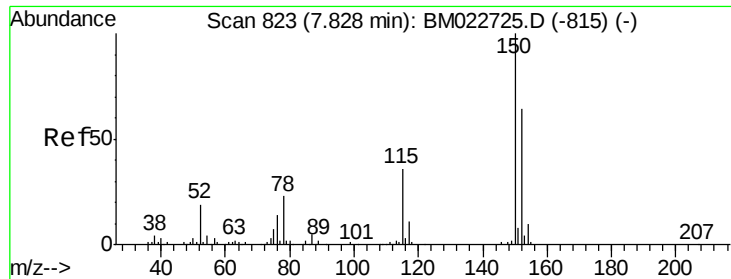
mohammad  
 9/24/2019 8:34:58 AM

Quant Time: Sep 21 02:30:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 21 02:22:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.63 | 237  | 34344    | 4.246 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 31659    | 3.700 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 36070    | 4.045 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.29 | 154  | 167362   | 4.622 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 129069   | 4.782 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.53 | 65   | 24536    | 3.491 | ng    | 94       |
| 49) Acenaphthylene             | 14.17 | 152  | 178235   | 4.459 | ng    | 99       |
| 50) Dimethylphthalate          | 13.91 | 163  | 143247   | 4.530 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 25855    | 3.909 | ng    | 94       |
| 52) Acenaphthene               | 14.52 | 154  | 122285   | 4.677 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 25547    | 3.355 | ng    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.55 | 184  | 7934     | 2.541 | ng    | 96       |
| 55) Dibenzofuran               | 14.86 | 168  | 190427   | 4.988 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.65 | 139  | 18601    | 3.178 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.81 | 165  | 28242    | 3.259 | ng    | # 84     |
| 58) Fluorene                   | 15.50 | 166  | 146760   | 4.731 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 31043m   | 3.992 | ng    |          |
| 60) Diethylphthalate           | 15.27 | 149  | 132115   | 4.297 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 74335    | 4.664 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.51 | 138  | 25498    | 3.194 | ng    | 96       |
| 63) Azobenzene                 | 15.79 | 77   | 118653   | 4.274 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 12443    | 3.117 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.71 | 169  | 118565   | 4.554 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.39 | 248  | 41018    | 4.327 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.50 | 284  | 49648    | 4.491 | ng    | 98       |
| 69) Atrazine                   | 16.66 | 200  | 32297    | 3.816 | ng    | 99       |
| 70) Pentachlorophenol          | 16.84 | 266  | 18539    | 3.145 | ng    | 95       |
| 71) Phenanthrene               | 17.23 | 178  | 231664   | 4.817 | ng    | 100      |
| 72) Anthracene                 | 17.33 | 178  | 208777   | 4.480 | ng    | 99       |
| 73) Carbazole                  | 17.59 | 167  | 189354   | 4.366 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.16 | 149  | 167432   | 3.405 | ng    | 99       |
| 75) Fluoranthene               | 19.25 | 202  | 236533   | 4.359 | ng    | 99       |
| 77) Benzidine                  | 19.43 | 184  | 77768    | 3.582 | ng    | 100      |
| 78) Pyrene                     | 19.61 | 202  | 251286   | 4.845 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.51 | 149  | 61743    | 3.133 | ng    | 93       |
| 81) Benzo(a)anthracene         | 21.35 | 228  | 235185   | 4.585 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 71001    | 3.904 | ng    | 98       |
| 83) Chrysene                   | 21.40 | 228  | 238819   | 4.803 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 88511    | 3.031 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.18 | 149  | 134701   | 2.894 | ng    | # 95     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.94 | 276  | 254108   | 4.282 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 232501   | 4.634 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 223178   | 4.483 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 206194   | 4.460 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.96 | 278  | 217346   | 4.494 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.64 | 276  | 209333   | 4.557 | ng    | 99       |

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





#1

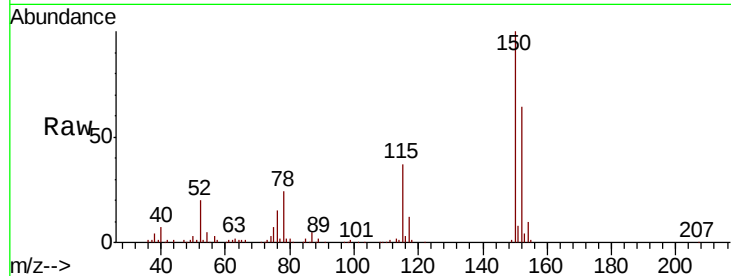
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.5 | 186.7 |
| 115     | 57.7  | 45.0  | 67.4  |

Manual Integrations  
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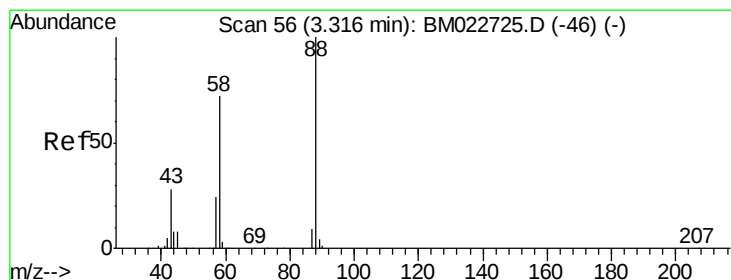
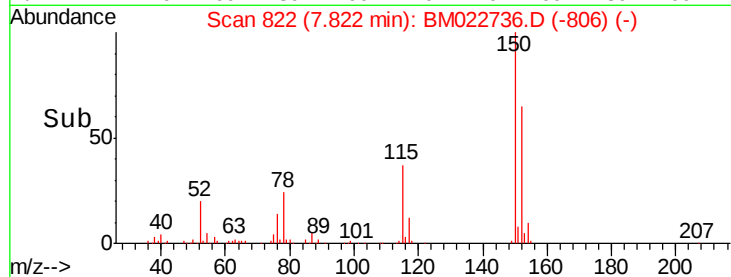
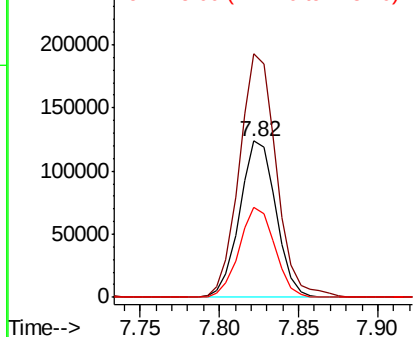


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

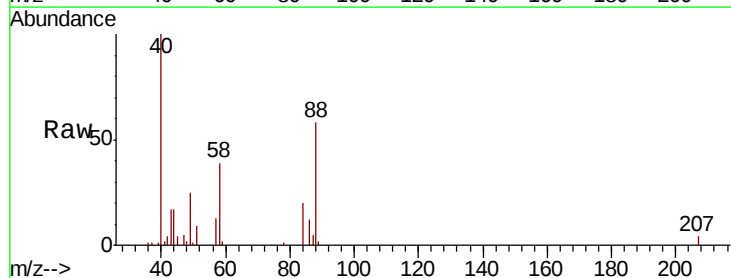
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 5.228 ng  
RT: 3.32 min Scan# 57  
Delta R.T. 0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.6  | 0.0   | 0.0#  |
| 43      | 30.6  | 0.0   | 0.0#  |

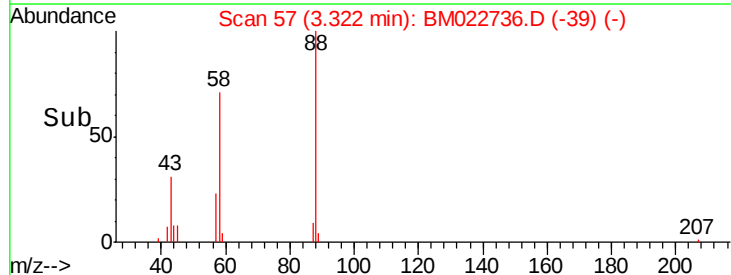
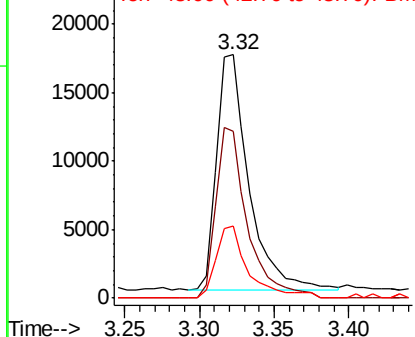


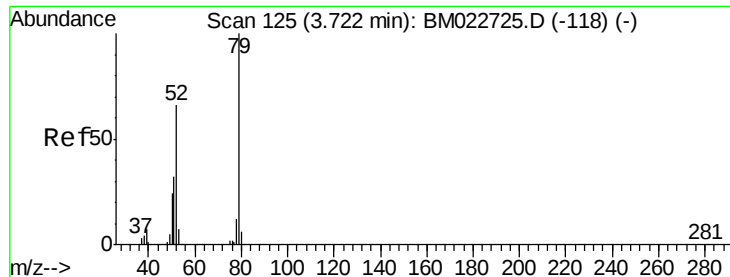
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 4.320 ng

RT: 3.75 min Scan# 129

Delta R.T. 0.02 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

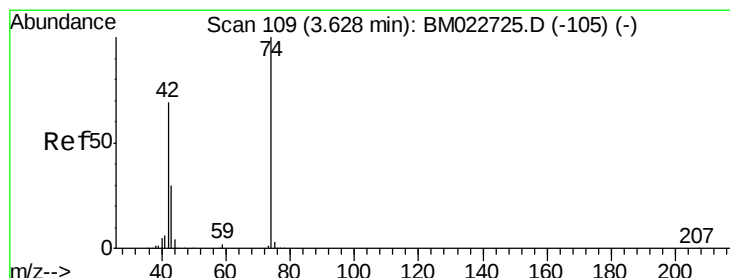
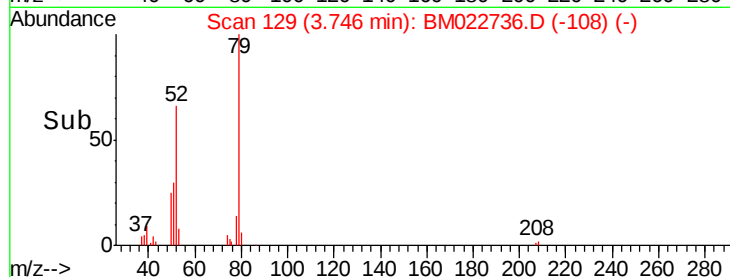
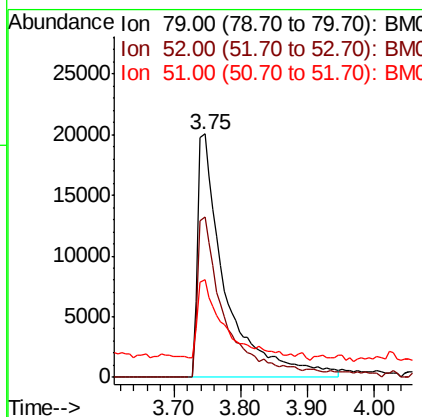
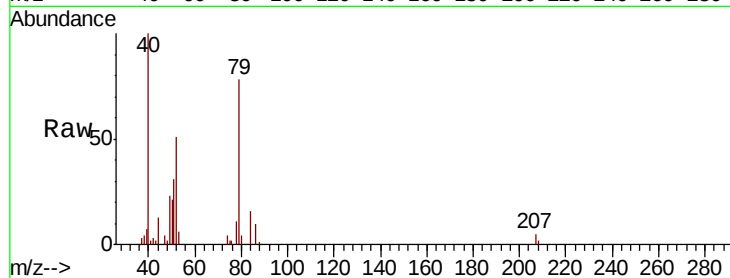
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 56603 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 65.8  | 52.4  | 78.6  |
| 51        | 40.1  | 26.2  | 39.4# |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 4.853 ng

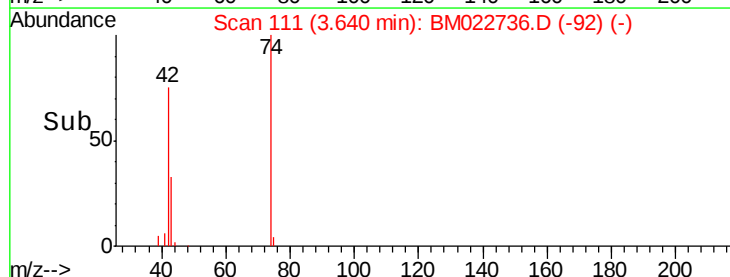
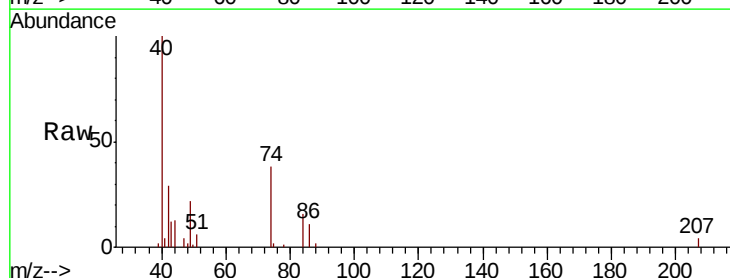
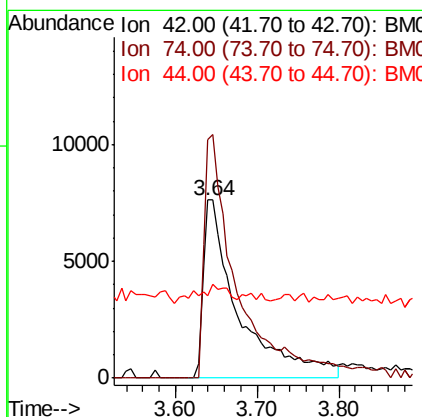
RT: 3.64 min Scan# 111

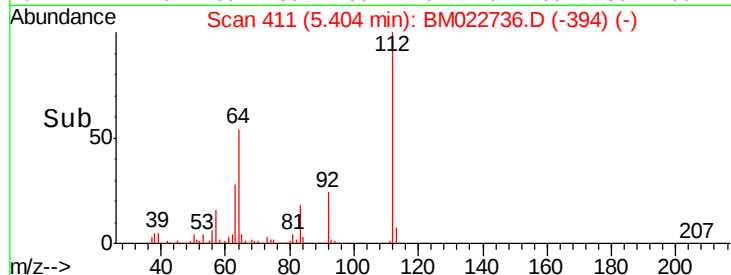
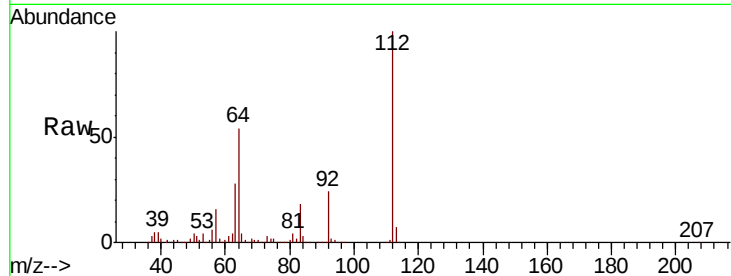
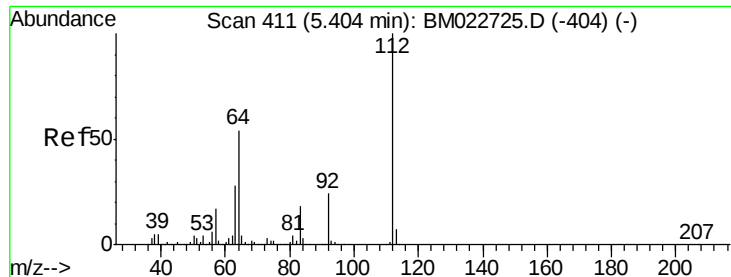
Delta R.T. 0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 23152 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 133.5 | 116.6 | 175.0 |
| 44        | 46.1  | 8.2   | 12.4# |





#5

2-Fluorophenol

Concen: 118.304 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

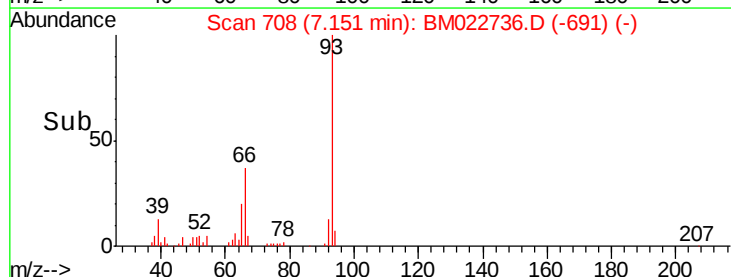
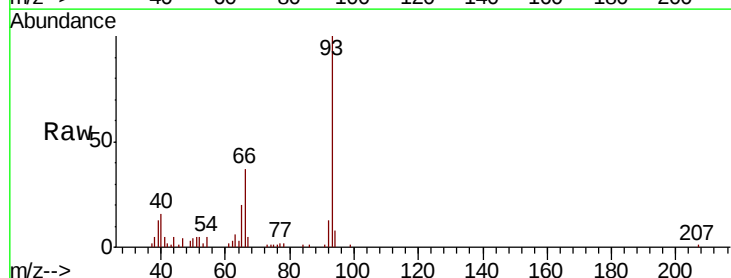
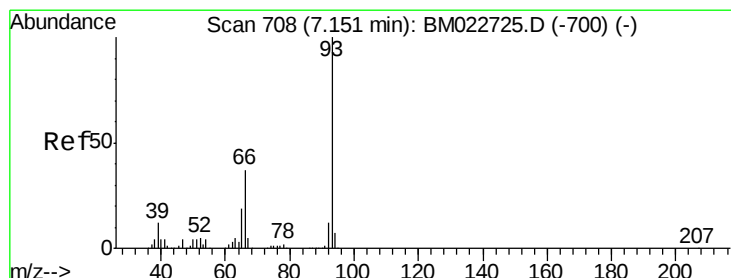
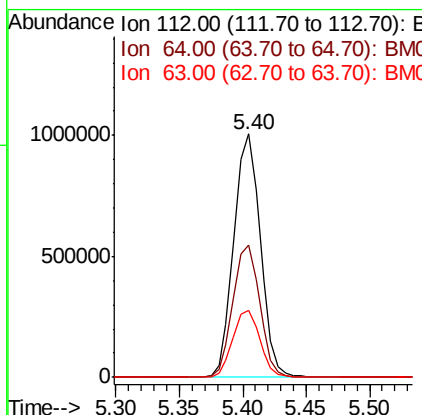
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1461592 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 54.4  | 43.4  | 65.2    |
| 63       | 27.7  | 22.1  | 33.1    |

Manual Integrations  
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#6

Aniline

Concen: 4.749 ng

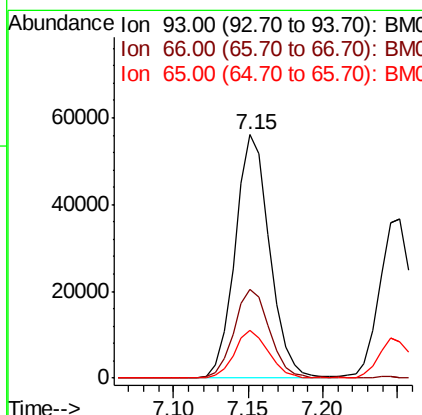
RT: 7.15 min Scan# 708

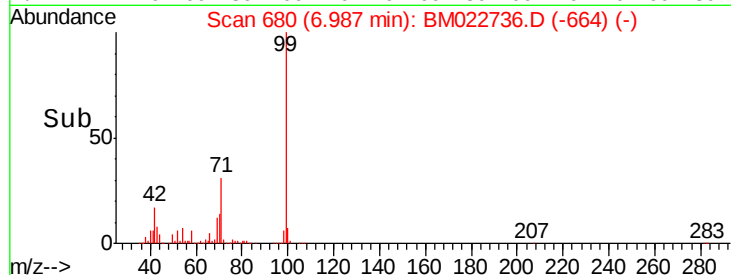
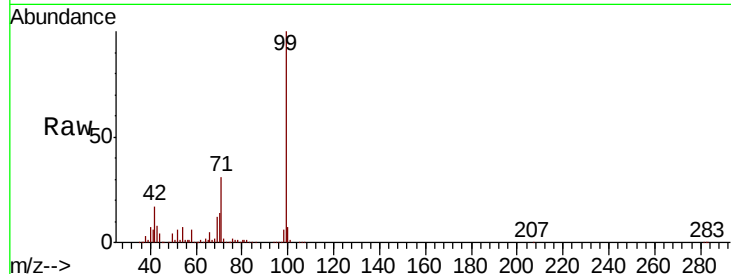
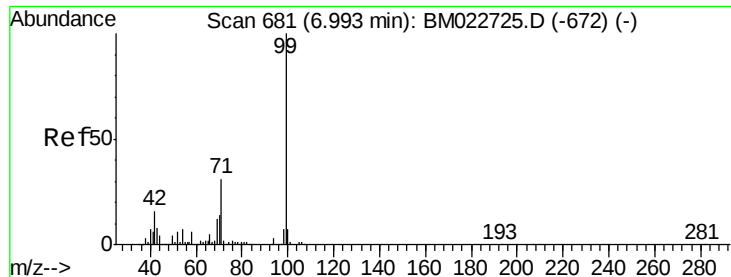
Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 90356 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 36.6  | 29.3  | 43.9  |
| 65       | 19.9  | 15.3  | 22.9  |





#7

Phenol-d6

Concen: 117.577 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1865717 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 16.5  | 13.0  | 19.4    |
| 71       | 31.1  | 24.7  | 37.1    |

Instrument :

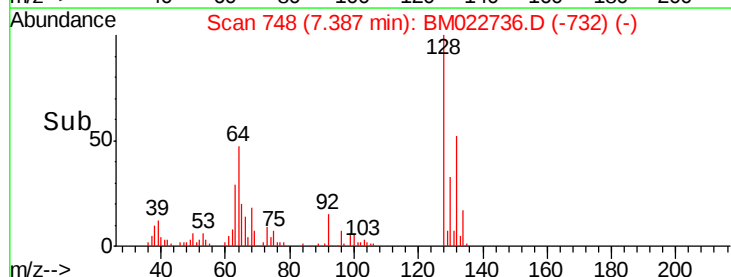
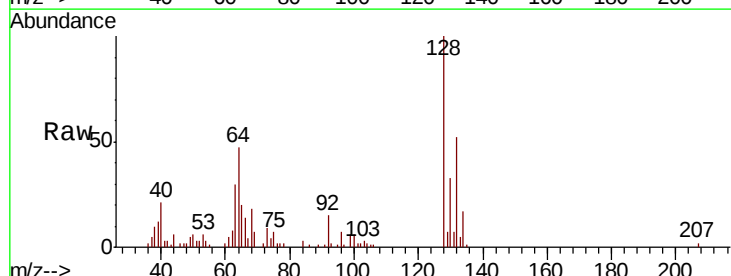
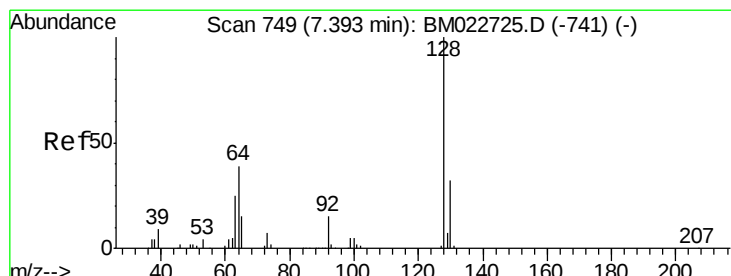
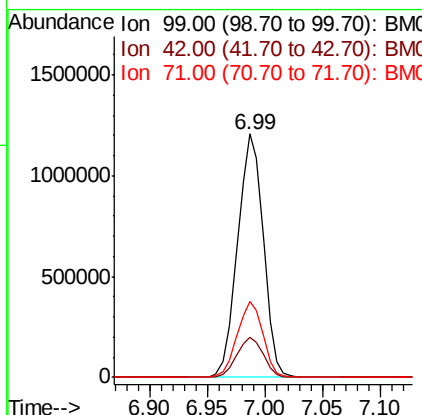
BNA\_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 4.912 ng

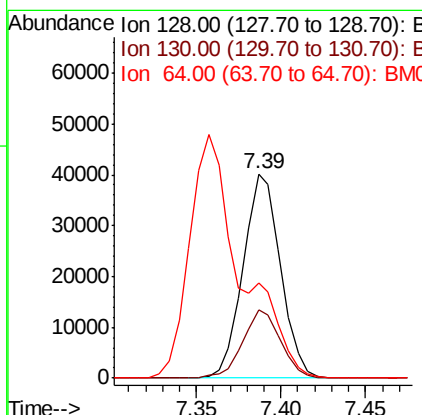
RT: 7.39 min Scan# 748

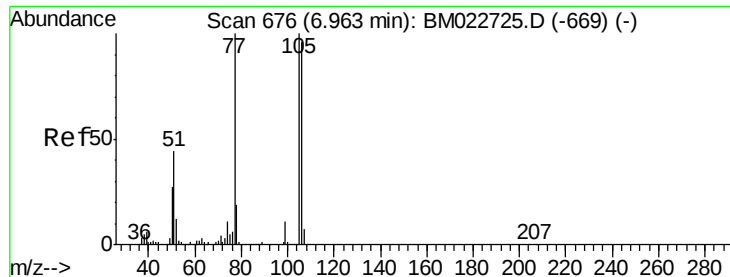
Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 61830 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 33.2  | 12.1  | 52.1  |
| 64       | 46.7  | 22.9  | 62.9  |





#9

Benzaldehyde

Concen: 6.207 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

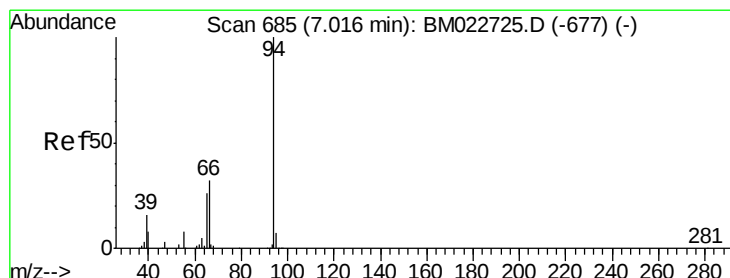
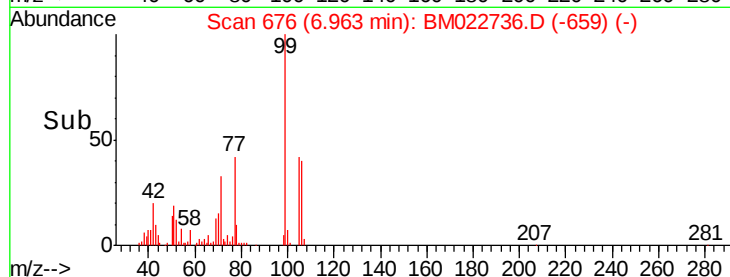
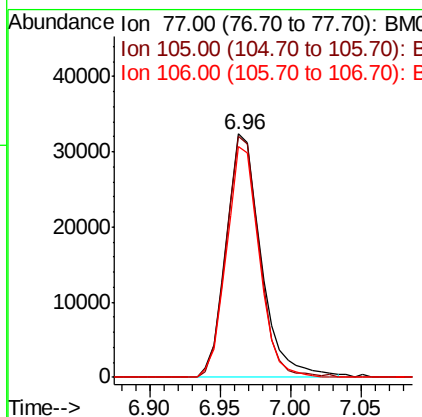
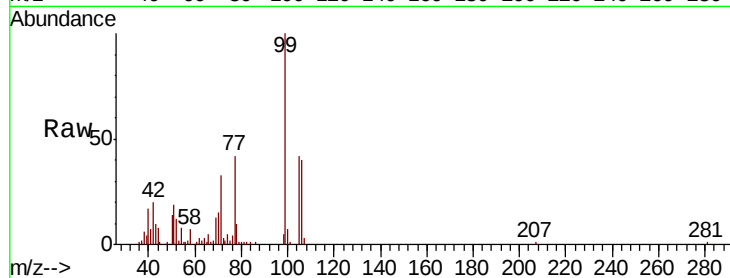
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 99.2  | 79.6  | 119.6 |
| 106     | 95.1  | 76.3  | 116.3 |

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#10

Phenol

Concen: 5.048 ng

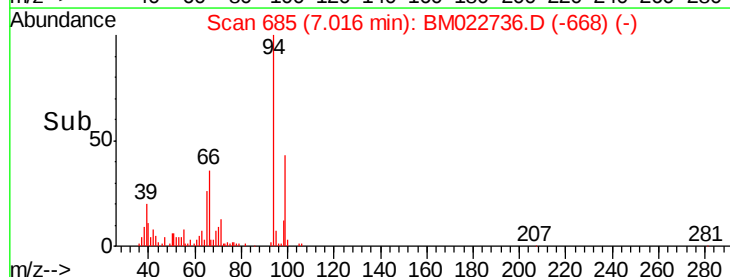
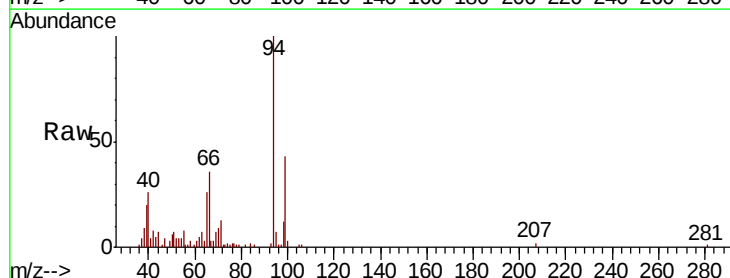
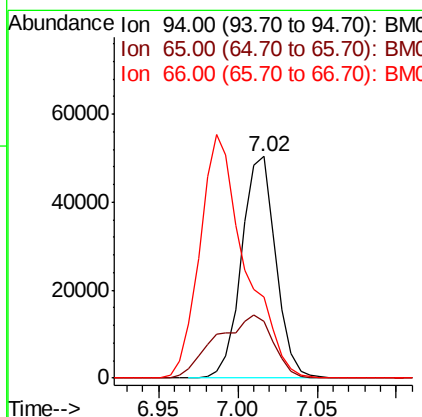
RT: 7.02 min Scan# 685

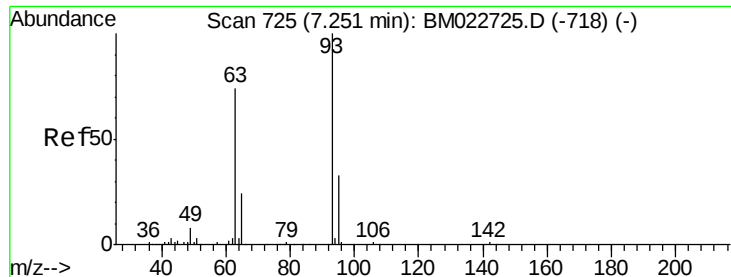
Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 25.8  | 6.7   | 46.7  |
| 66      | 36.3  | 13.8  | 53.8  |





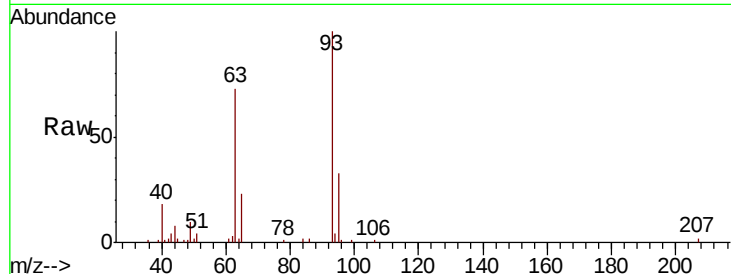
#11  
bis(2-Chloroethyl)ether  
Concen: 4.857 ng  
RT: 7.25 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 57009 |       |       |
| 63      | 72.9  |       | 53.8  | 93.8  |
| 95      | 33.5  |       | 12.7  | 52.7  |

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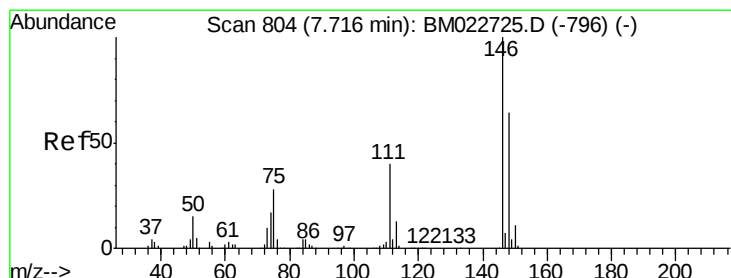
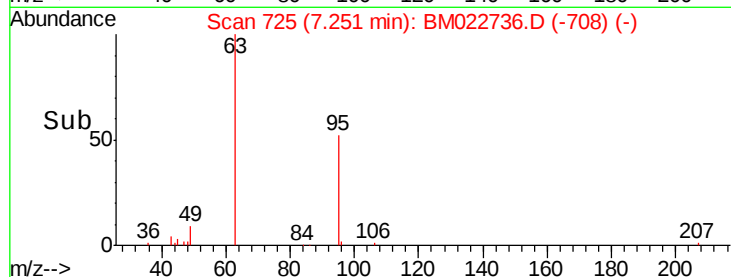
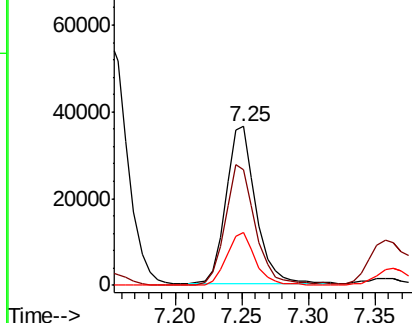


Abundance

Ion 93.00 (92.70 to 93.70): BM022725.D (-718) (-)

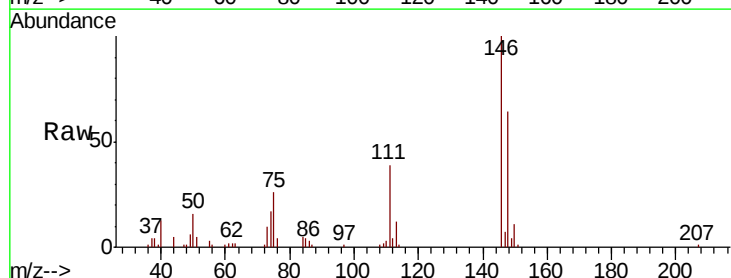
Ion 63.00 (62.70 to 63.70): BM022725.D (-718) (-)

Ion 95.00 (94.70 to 95.70): BM022725.D (-718) (-)



#12  
1,3-Dichlorobenzene  
Concen: 4.771 ng  
RT: 7.72 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 71778 |       |       |
| 148     | 63.7  |       | 51.3  | 76.9  |
| 75      | 26.4  |       | 22.5  | 33.7  |

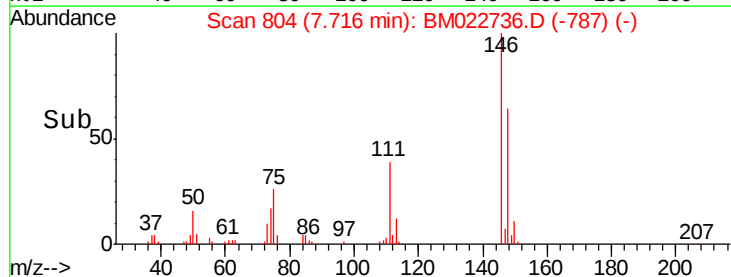
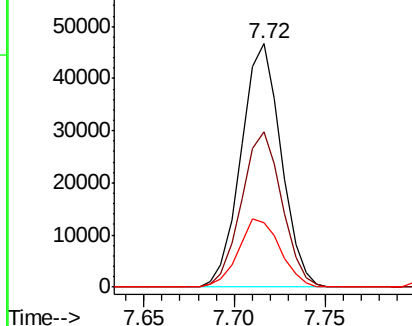


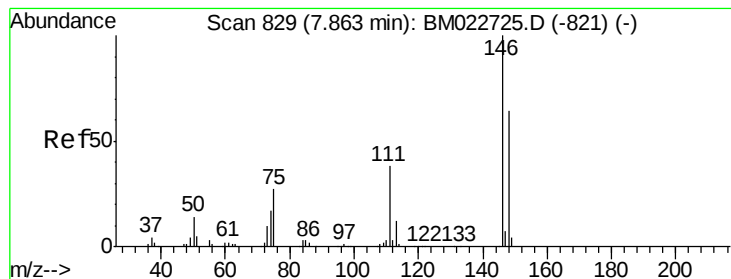
Abundance

Ion 146.00 (145.70 to 146.70): BM022725.D (-796) (-)

Ion 148.00 (147.70 to 148.70): BM022725.D (-796) (-)

Ion 75.00 (74.70 to 75.70): BM022725.D (-796) (-)





#13

1,4-Dichlorobenzene

Concen: 4.796 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

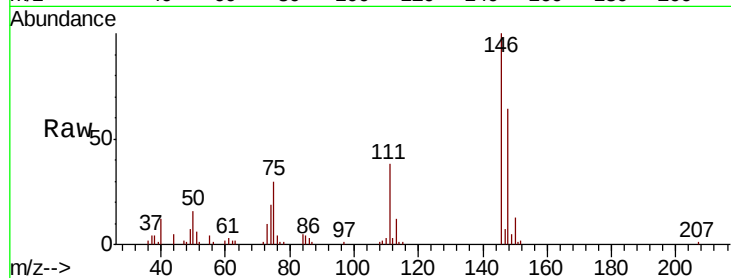
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 73050 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.2  | 51.4  | 77.0  |
| 111       | 38.3  | 30.9  | 46.3  |

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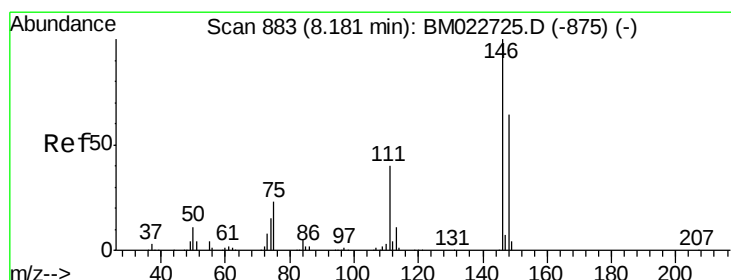
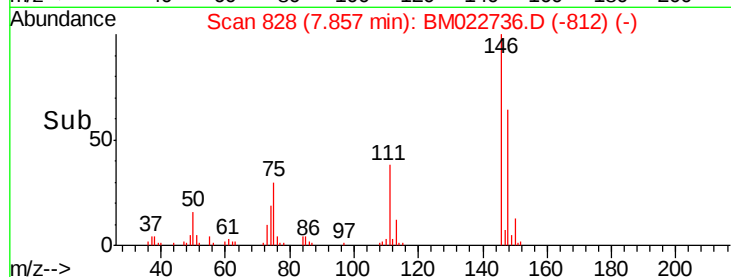
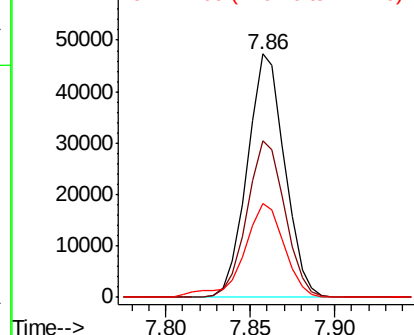


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.720 ng

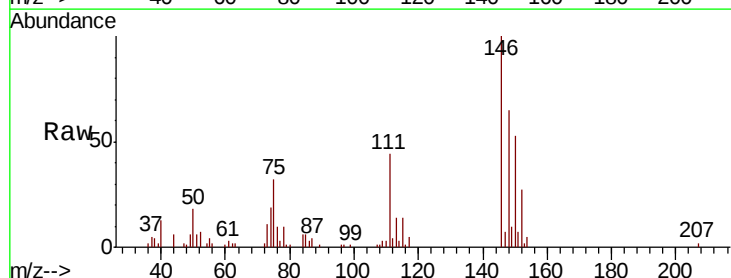
RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 68538 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.9  | 51.3  | 76.9  |
| 111       | 44.4  | 32.3  | 48.5  |

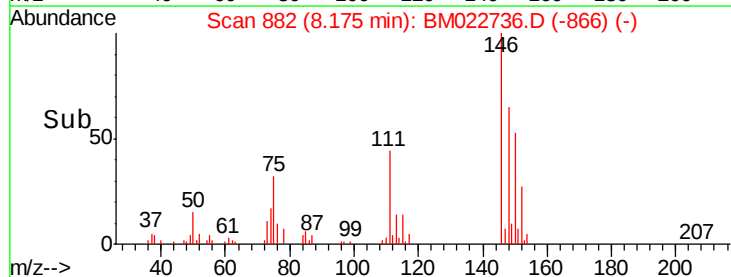
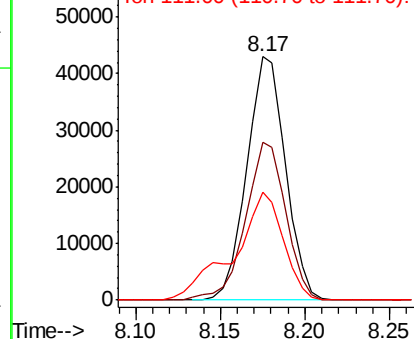


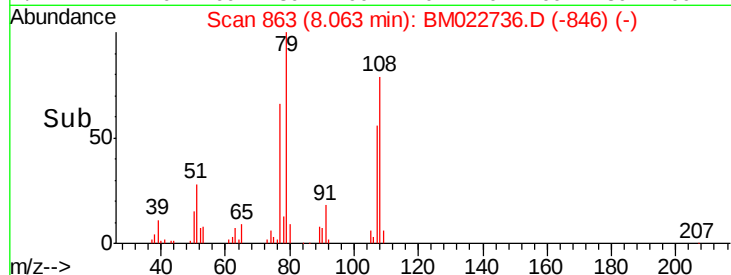
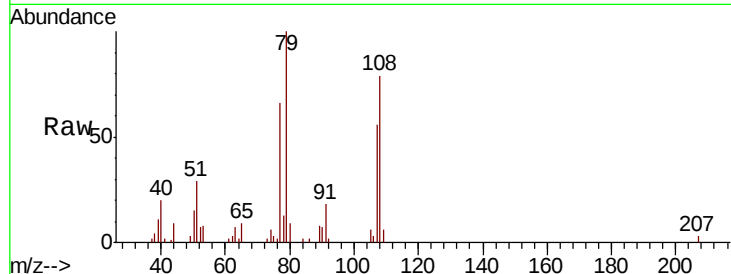
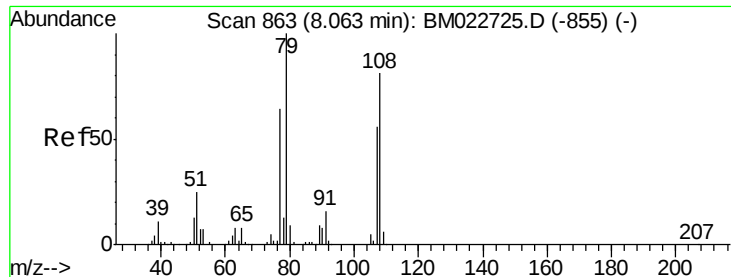
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





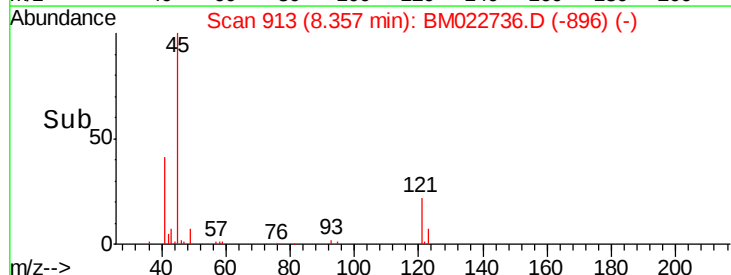
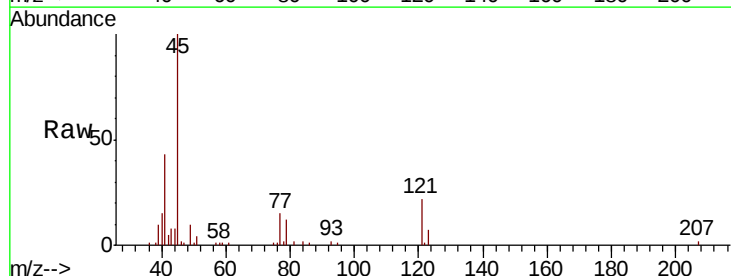
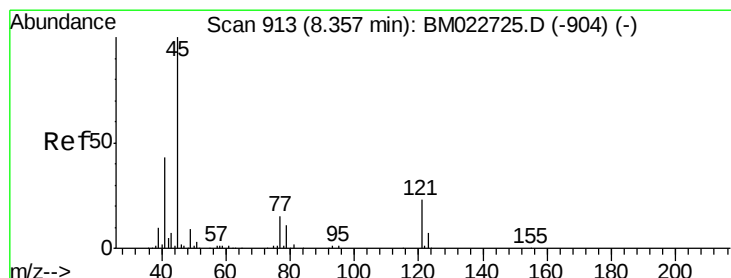
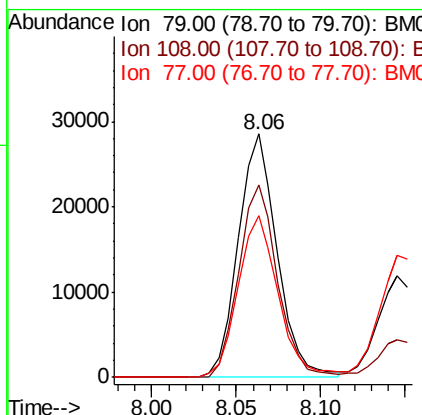
#15  
Benzyl Alcohol  
Concen: 4.602 ng  
RT: 8.06 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 78.8  | 64.9 | 97.3  |       |
| 77      | 66.3  | 51.1 | 76.7  |       |

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

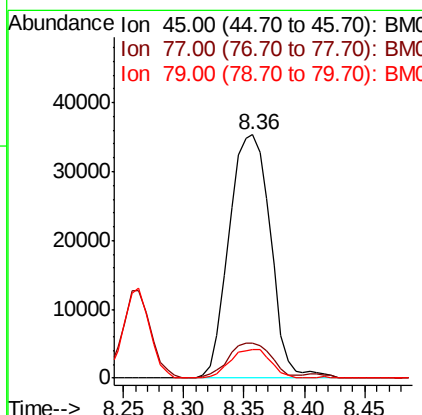
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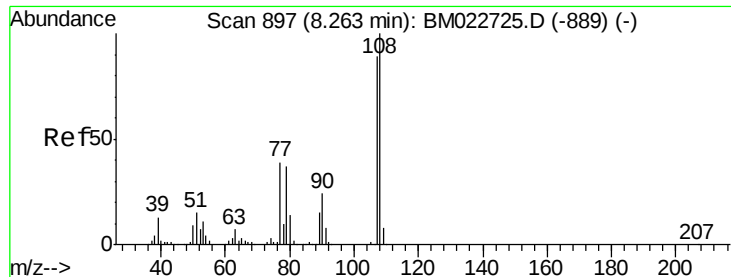
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.954 ng  
RT: 8.36 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 14.6  | 0.0  | 35.1  |       |
| 79      | 11.7  | 0.0  | 31.4  |       |





#17

2-Methylphenol

Concen: 4.579 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

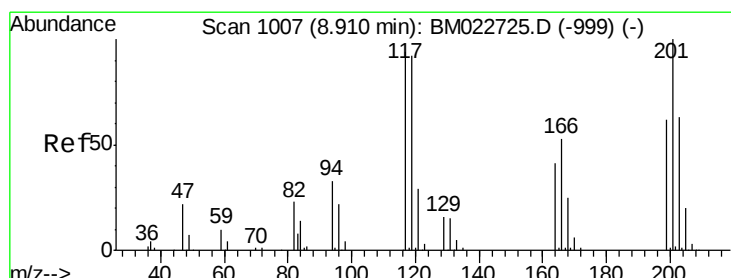
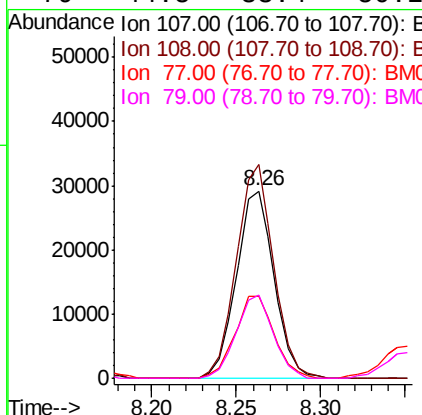
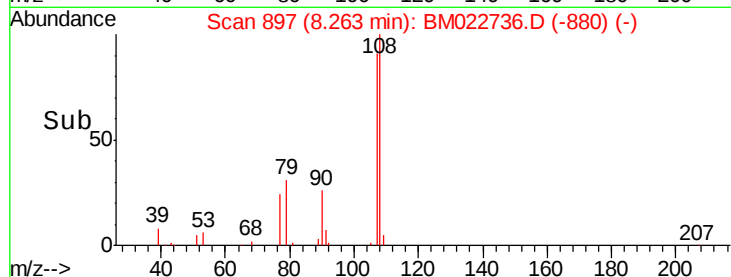
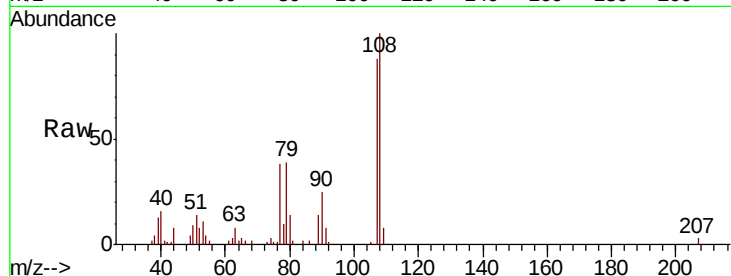
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.1 | 90.0 | 135.0 |       |
| 77      | 43.8  | 35.2 | 52.8  |       |
| 79      | 44.5  | 33.4 | 50.2  |       |

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#18

Hexachloroethane

Concen: 4.722 ng

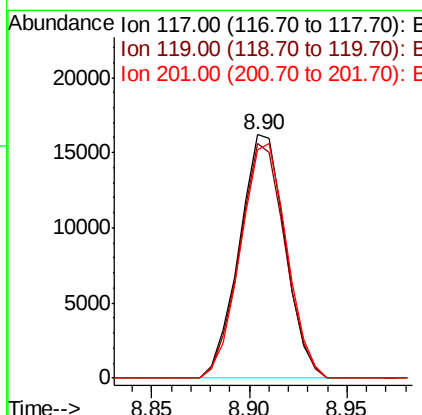
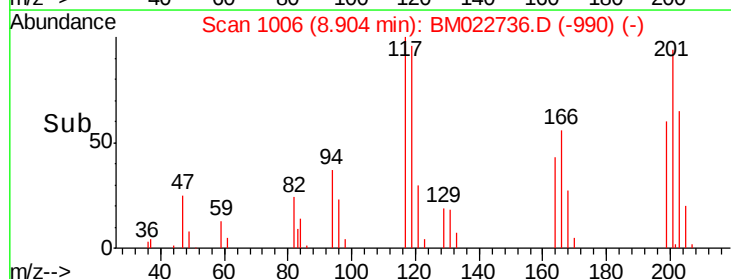
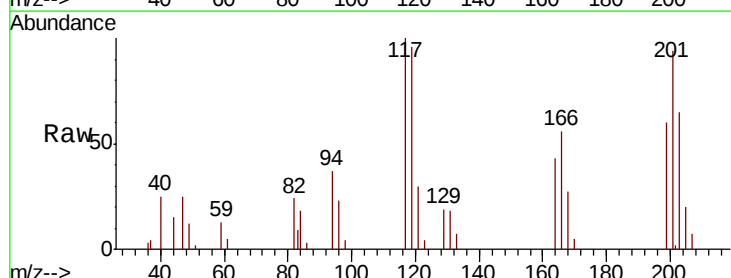
RT: 8.90 min Scan# 1006

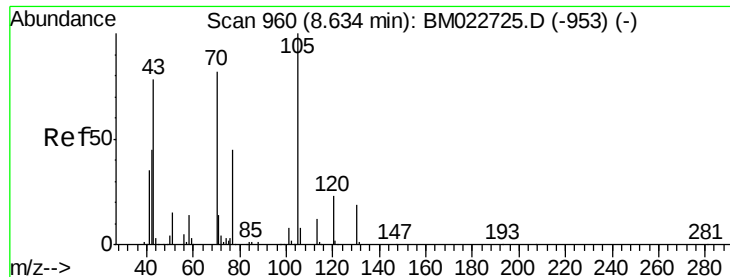
Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.2  | 78.0 | 117.0 |       |
| 201     | 93.7  | 85.0 | 127.6 |       |





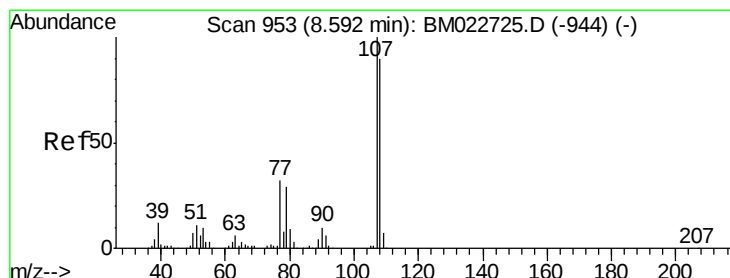
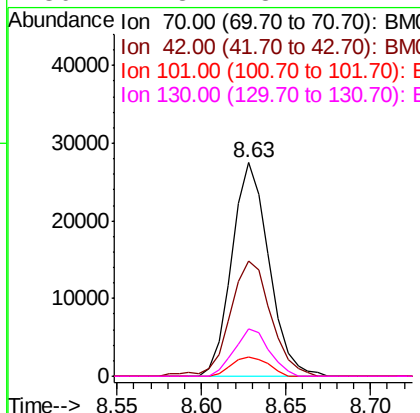
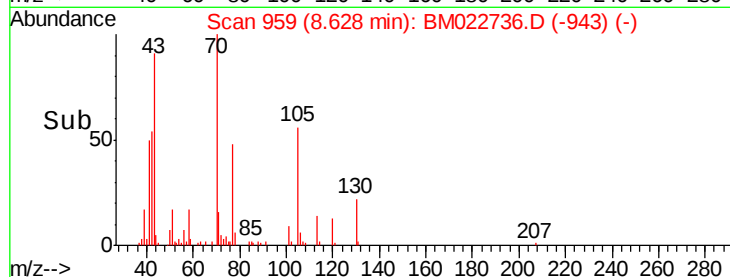
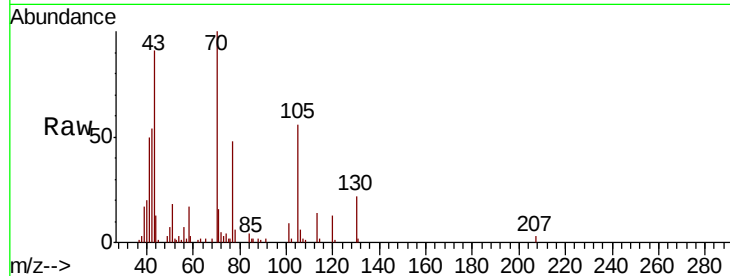
#19  
n-Nitroso-di-n-propylamine  
Concen: 4.733 ng  
RT: 8.63 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41939   | 70  | 100   |       |       |
|         | 42  | 54.2  | 44.4  | 66.6  |
|         | 101 | 9.2   | 7.8   | 11.6  |
|         | 130 | 22.3  | 18.2  | 27.4  |

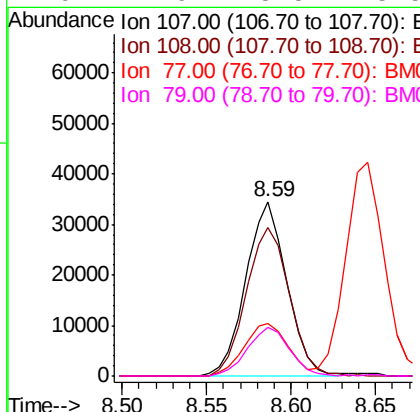
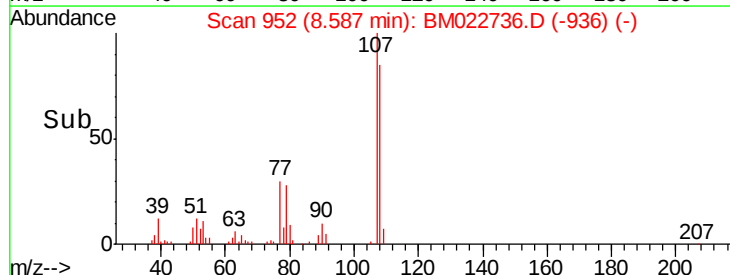
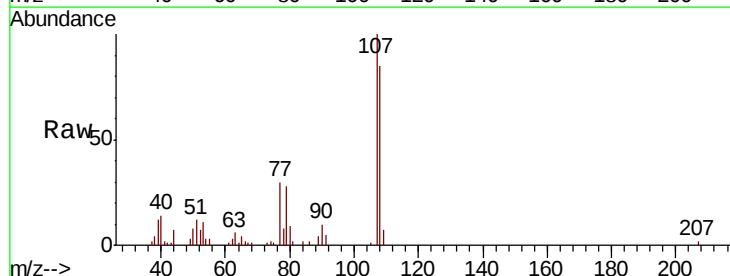
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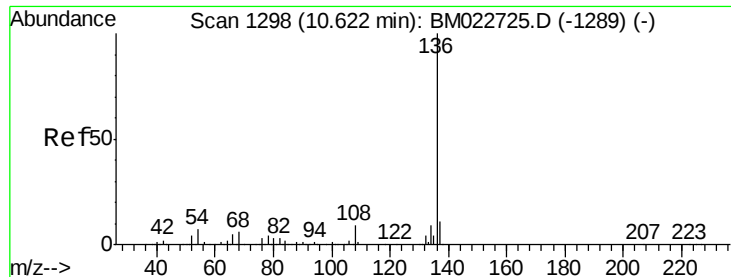
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#20  
3+4-Methylphenols  
Concen: 4.422 ng  
RT: 8.59 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 58245   | 107 | 100   |       |       |
|         | 108 | 85.3  | 70.1  | 110.1 |
|         | 77  | 30.5  | 12.1  | 52.1  |
|         | 79  | 27.9  | 8.5   | 48.5  |





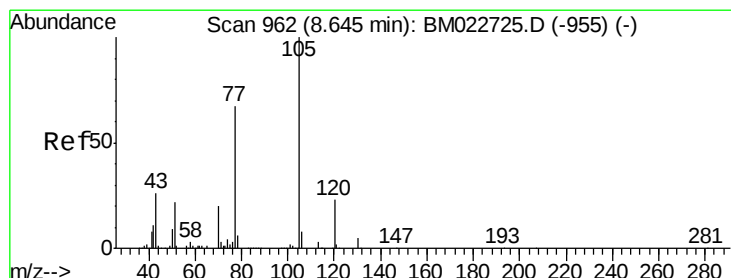
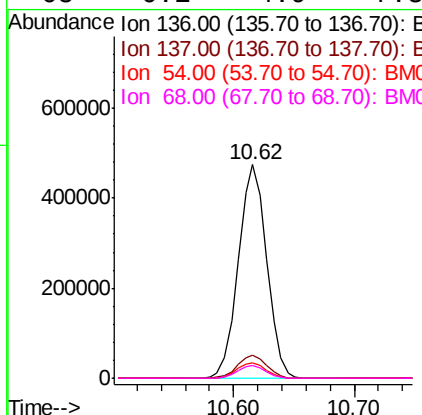
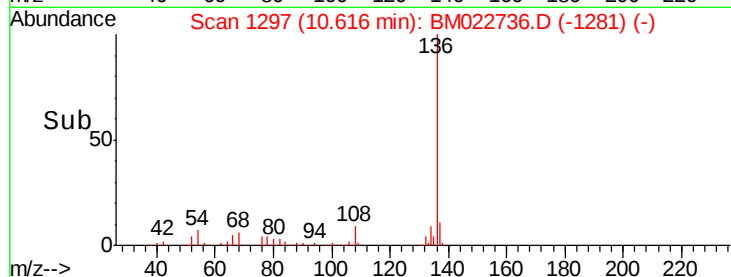
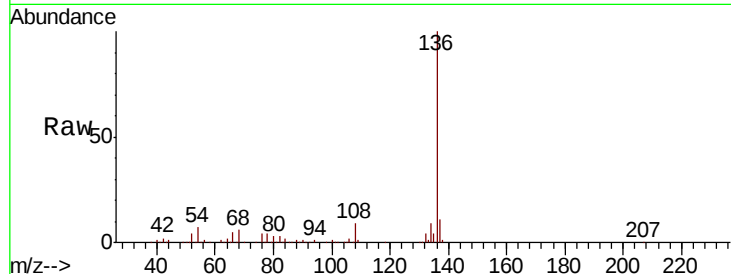
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 776710 |       |       |
| 137     | 10.7 |       | 8.6    | 13.0  |       |
| 54      | 7.4  |       | 6.0    | 9.0   |       |
| 68      | 6.1  |       | 4.9    | 7.3   |       |

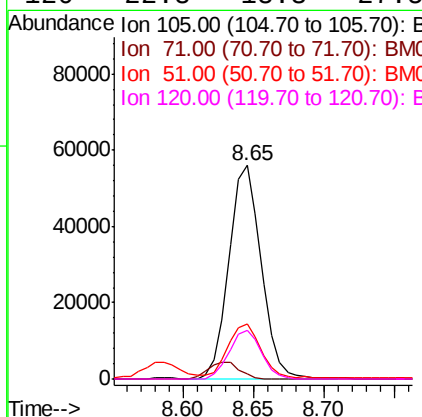
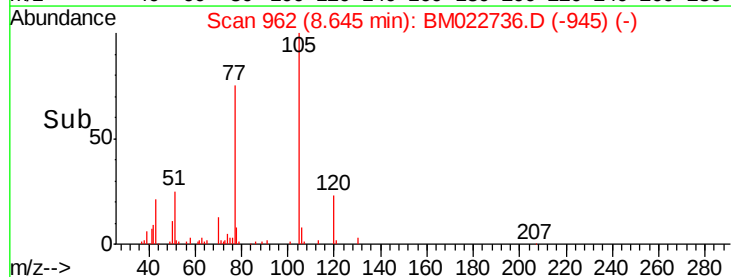
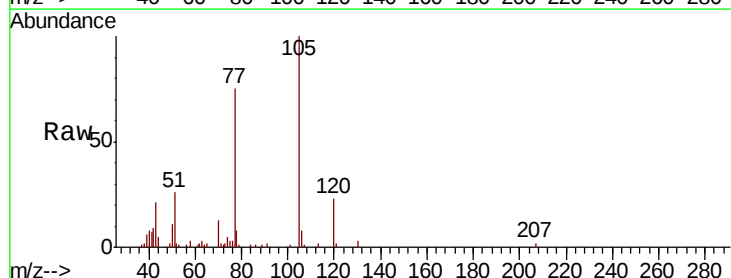
Manual Integrations  
APPROVED

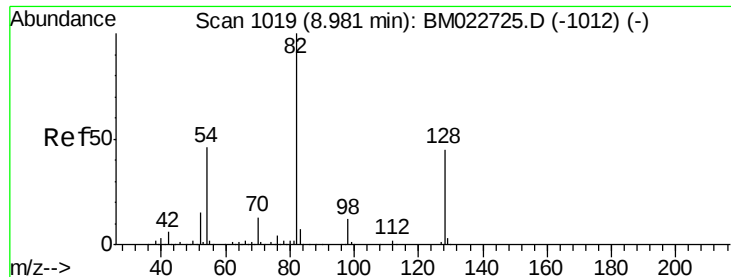
mohammad  
9/24/2019 8:34:58 AM



#22  
Acetophenone  
Concen: 4.680 ng  
RT: 8.65 min Scan# 962  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 105     | 100  |       | 89728 |       |       |
| 71      | 2.2  |       | 2.7   | 4.1#  |       |
| 51      | 25.6 |       | 19.9  | 29.9  |       |
| 120     | 22.8 |       | 18.3  | 27.5  |       |





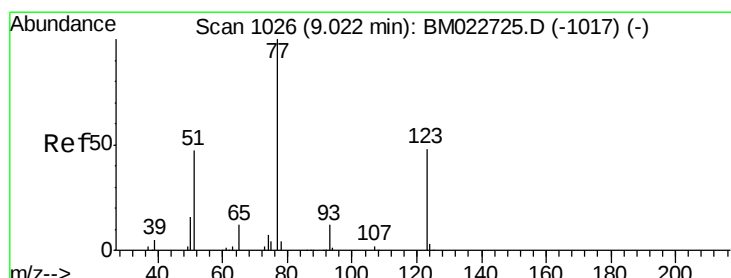
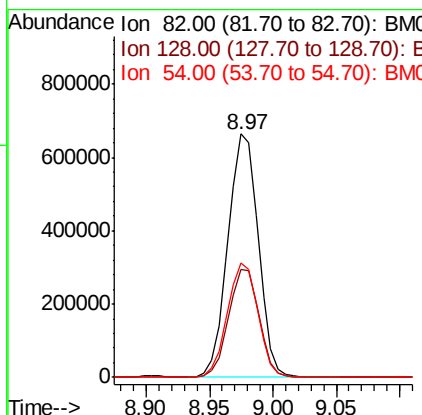
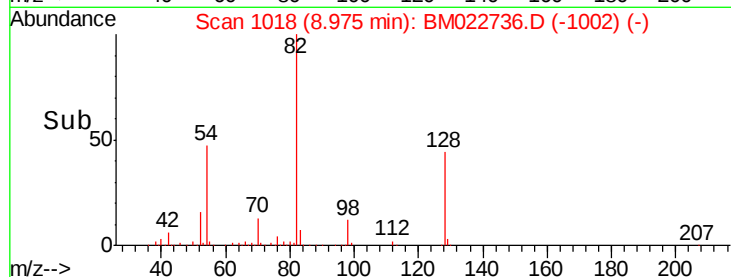
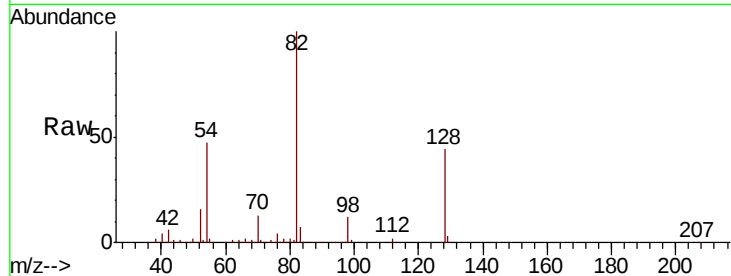
#23  
Nitrobenzene-d5  
Concen: 78.625 ng  
RT: 8.97 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.2  | 36.0  | 54.0  |
| 54      | 46.9  | 37.1  | 55.7  |

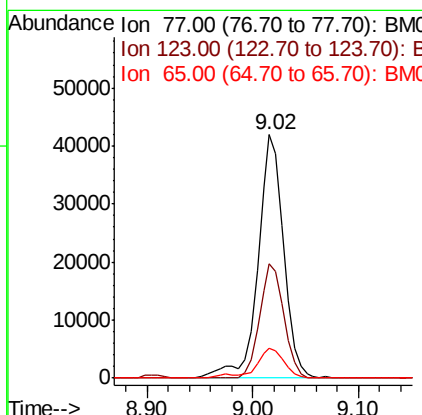
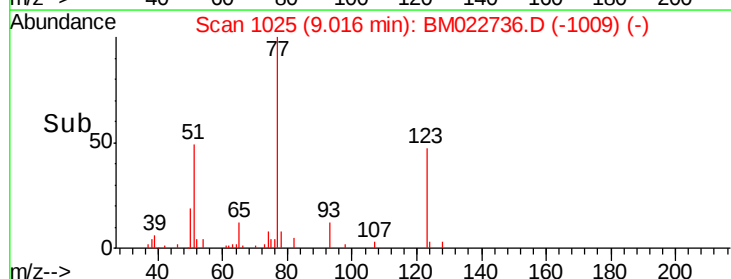
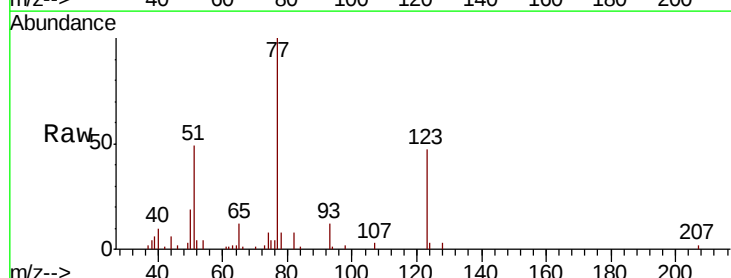
Manual Integrations  
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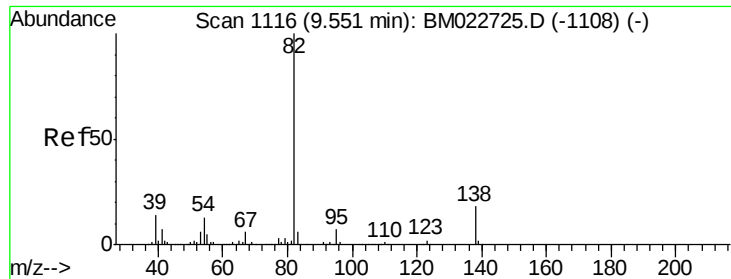
mohammad  
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#24  
Nitrobenzene  
Concen: 5.296 ng  
RT: 9.02 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.8  | 38.0  | 57.0  |
| 65      | 12.4  | 10.0  | 15.0  |





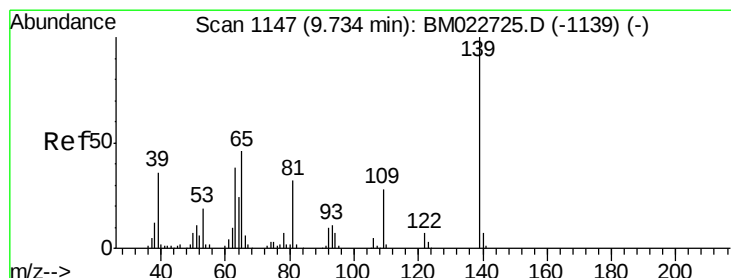
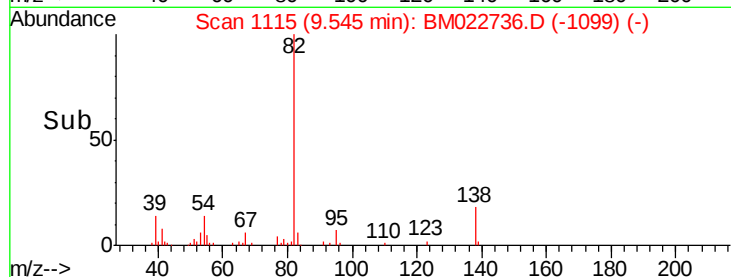
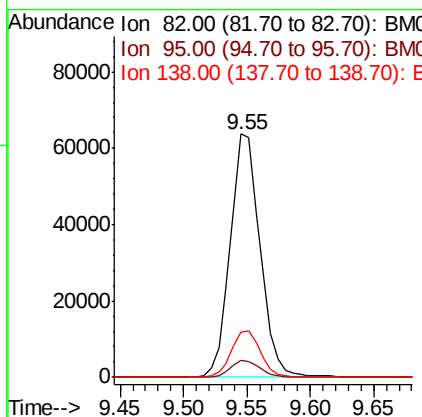
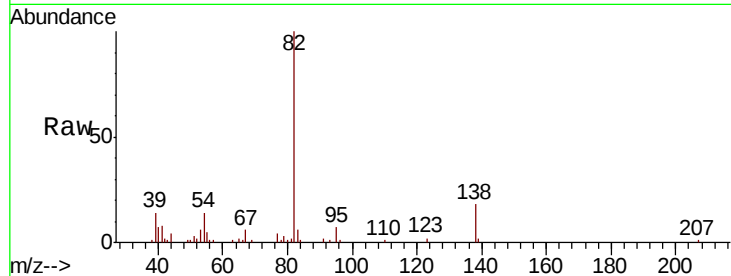
#25  
Isophorone  
Concen: 4.505 ng  
RT: 9.55 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 103634 |       |       |
| 95      | 7.0   |        | 5.4   | 8.0   |
| 138     | 18.3  |        | 14.7  | 22.1  |

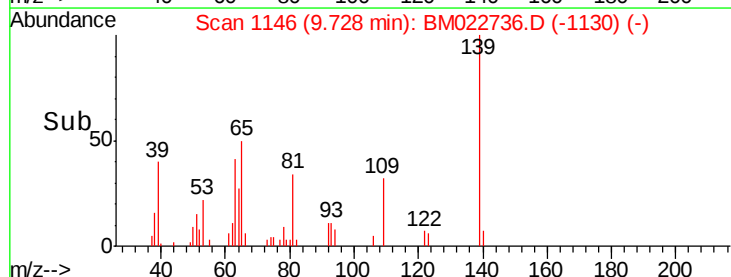
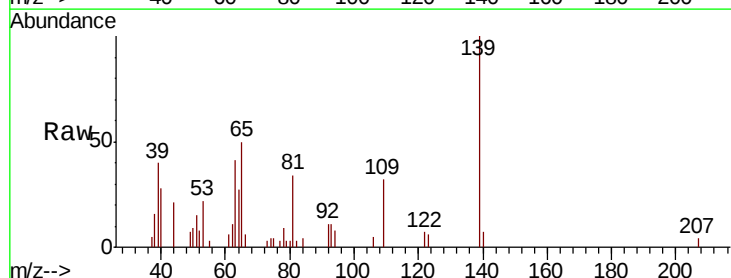
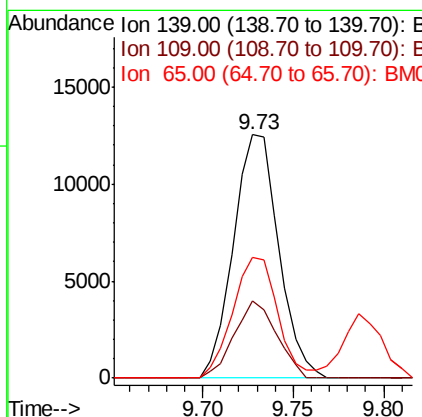
Manual Integrations  
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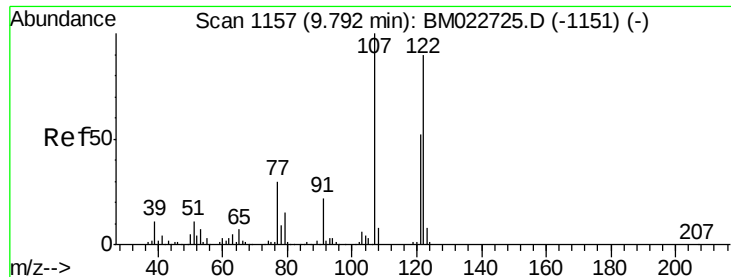
mohammad  
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#26  
2-Nitrophenol  
Concen: 3.766 ng  
RT: 9.73 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 21768 |       |       |
| 109     | 31.9  |       | 22.6  | 33.8  |
| 65      | 49.6  |       | 37.0  | 55.4  |





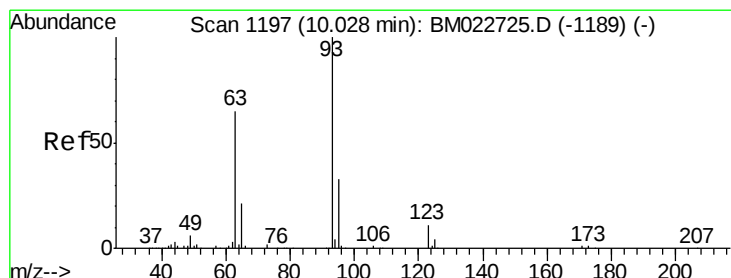
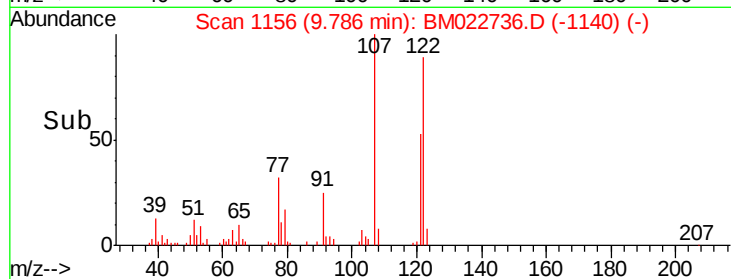
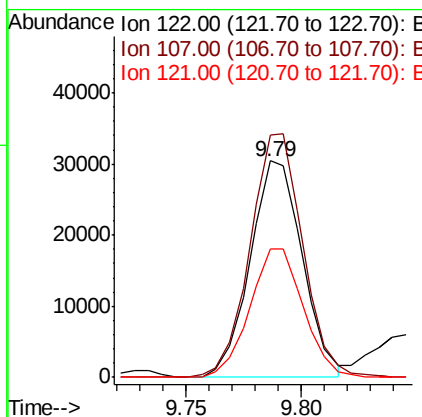
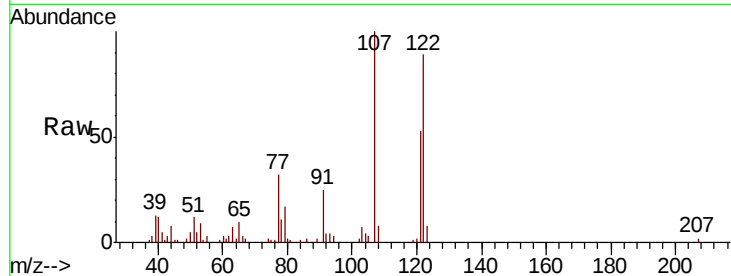
#27  
2,4-Dimethylphenol  
Concen: 4.955 ng  
RT: 9.79 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 47941 |       |       |
| 107     | 111.9 |       | 88.9  | 133.3 |
| 121     | 59.4  |       | 46.5  | 69.7  |

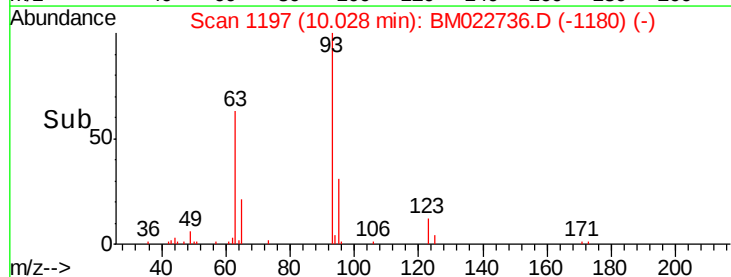
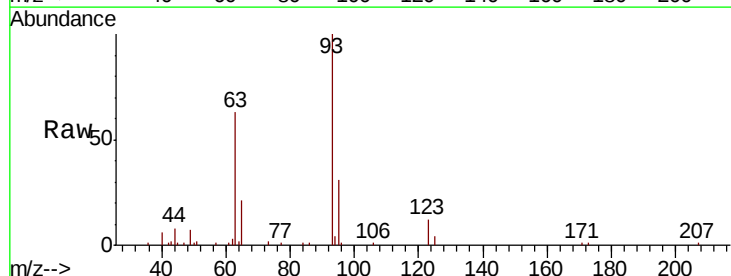
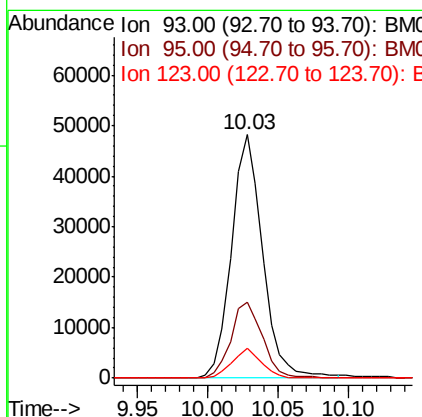
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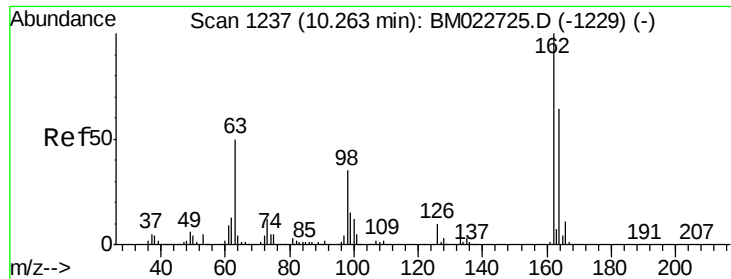
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#28  
bis(2-Chloroethoxy)methane  
Concen: 4.656 ng  
RT: 10.03 min Scan# 1197  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 74123 |       |       |
| 95      | 31.1  |       | 26.0  | 39.0  |
| 123     | 12.1  |       | 9.0   | 13.6  |





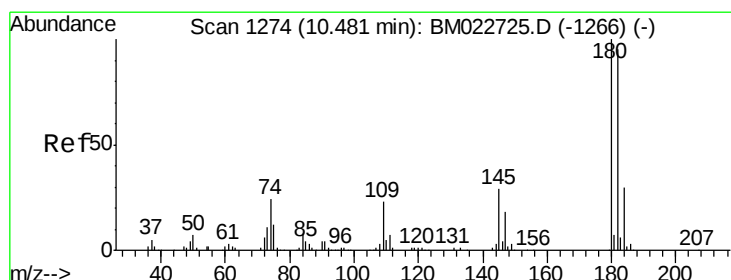
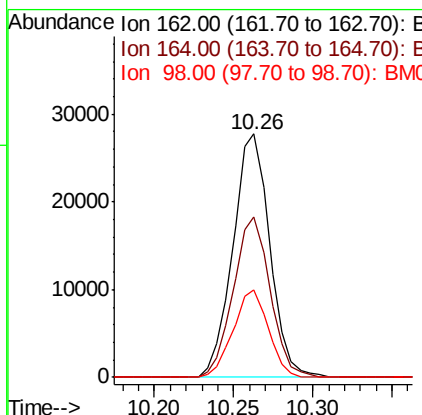
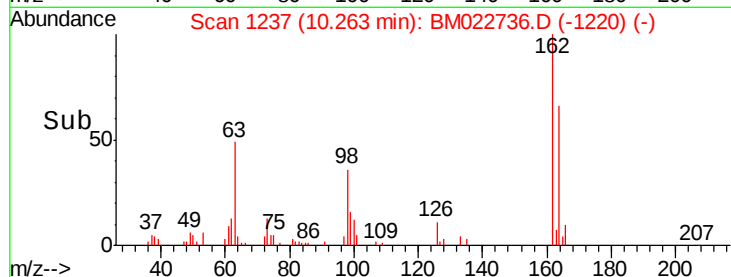
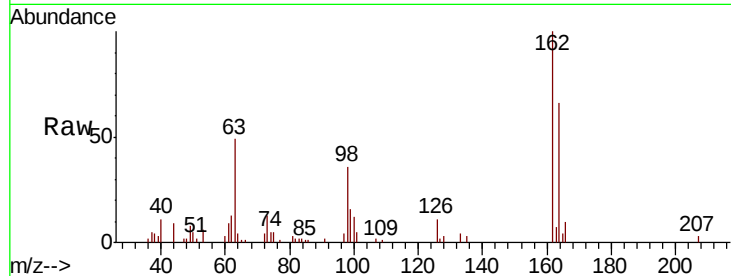
#29  
 2,4-Dichlorophenol  
 Concen: 4.098 ng  
 RT: 10.26 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 44825 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 65.9  | 44.4  | 84.4  |
| 98        | 36.0  | 14.8  | 54.8  |

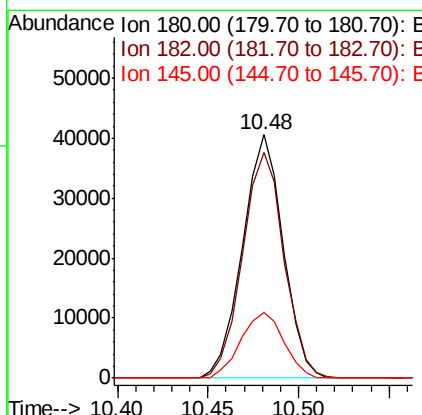
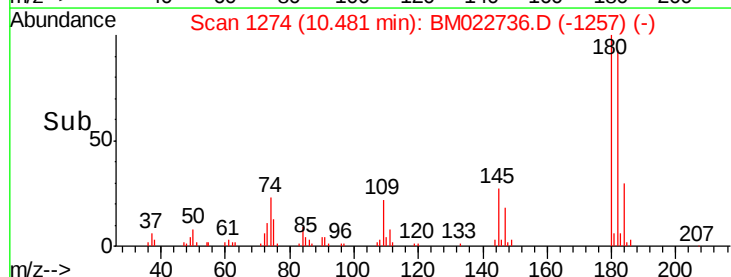
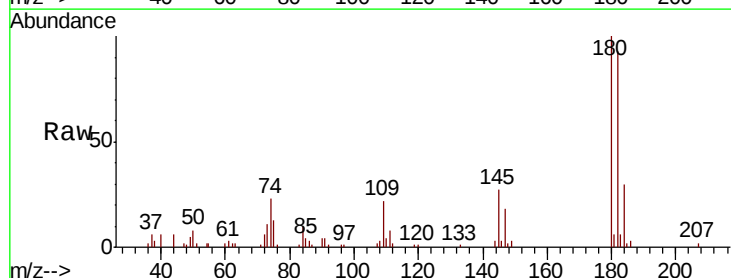
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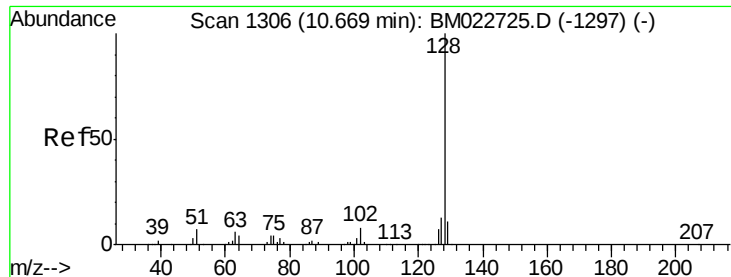
mohammad  
 9/24/2019 8:34:58 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 4.691 ng  
 RT: 10.48 min Scan# 1274  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 63139 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.5  | 76.2  | 114.2 |
| 145       | 27.1  | 23.0  | 34.4  |





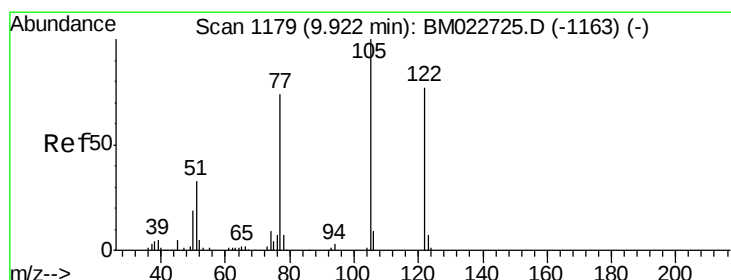
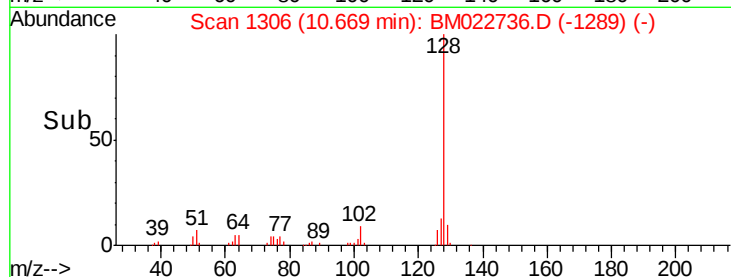
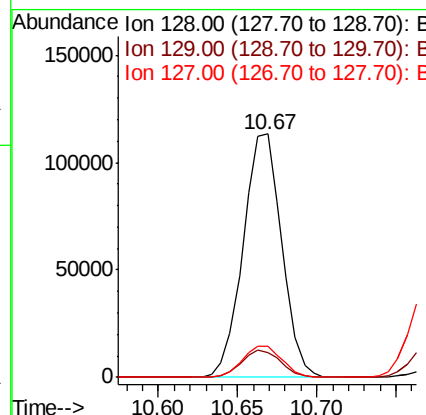
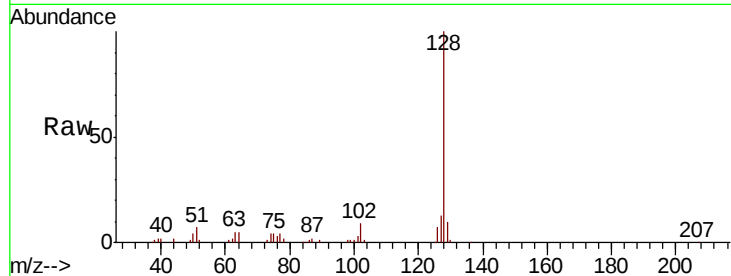
#31  
Naphthalene  
Concen: 4.991 ng  
RT: 10.67 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 191543 |       |       |
| 129     | 10.2  | 8.8    | 13.2  |       |
| 127     | 12.5  | 10.2   | 15.4  |       |

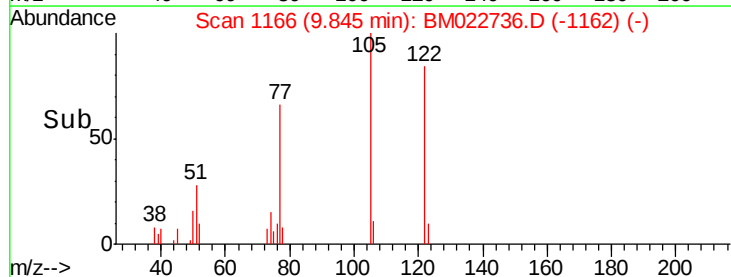
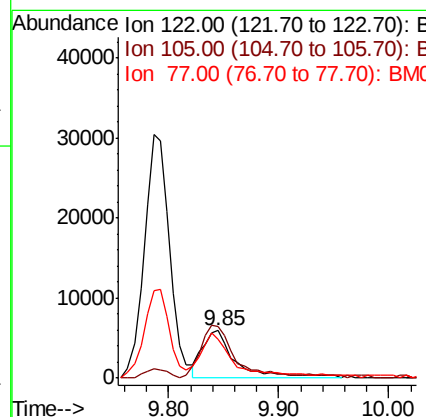
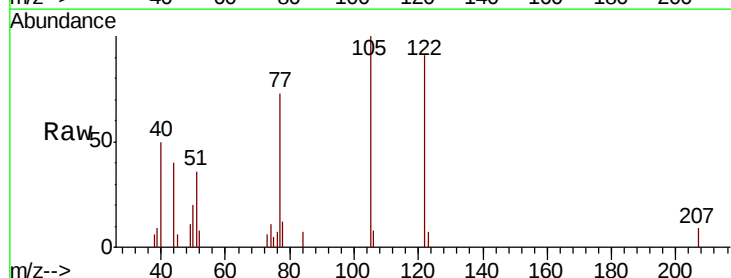
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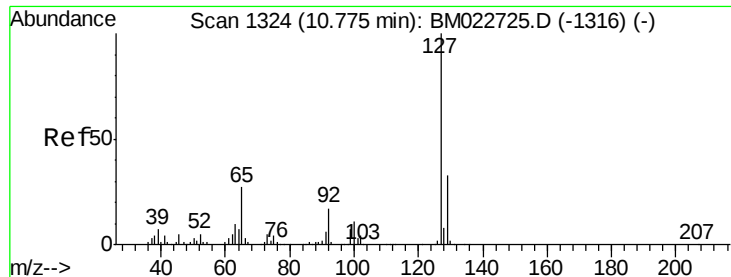
mohammad  
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#32  
Benzoic acid  
Concen: 2.038 ng m  
RT: 9.85 min Scan# 1166  
Delta R.T. -0.08 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 12689 |       |       |
| 105     | 110.0 | 105.3 | 145.3 |       |
| 77      | 80.8  | 74.7  | 114.7 |       |





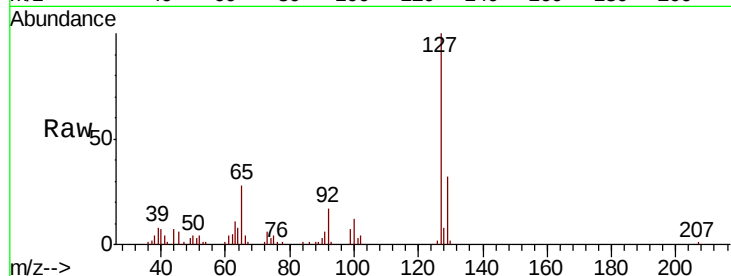
#33  
4-Chloroaniline  
Concen: 4.510 ng  
RT: 10.77 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

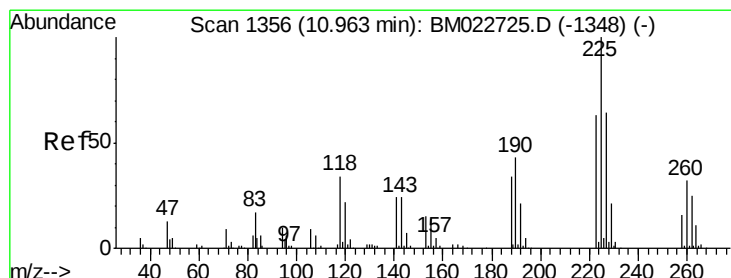
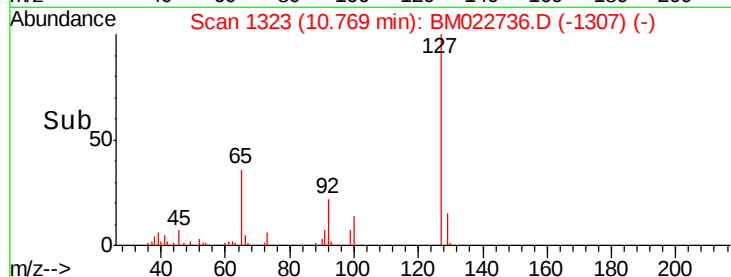
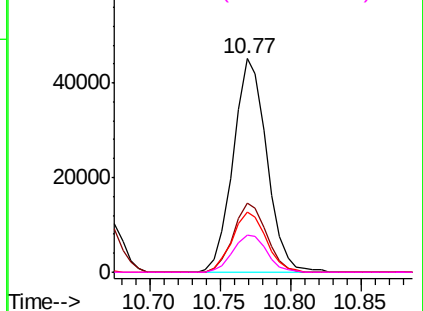
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.2  | 26.1 | 39.1  |       |
| 65      | 28.4  | 22.0 | 33.0  |       |
| 92      | 17.2  | 13.8 | 20.8  |       |

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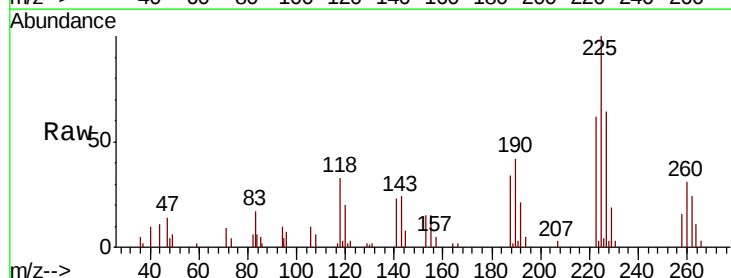


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

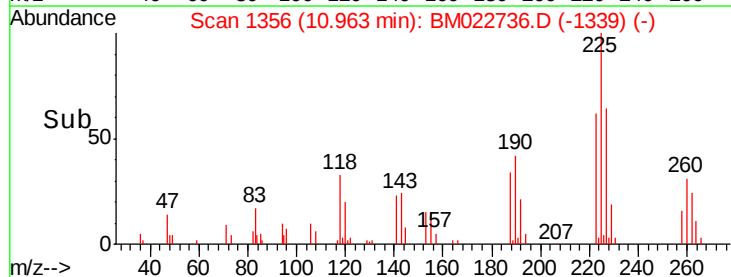
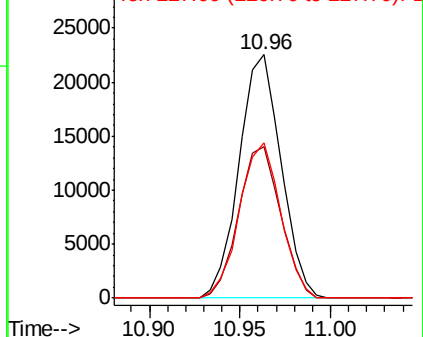


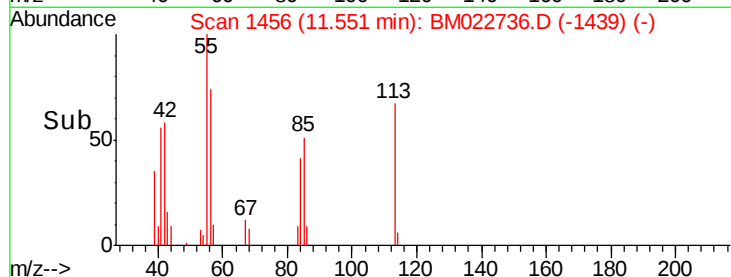
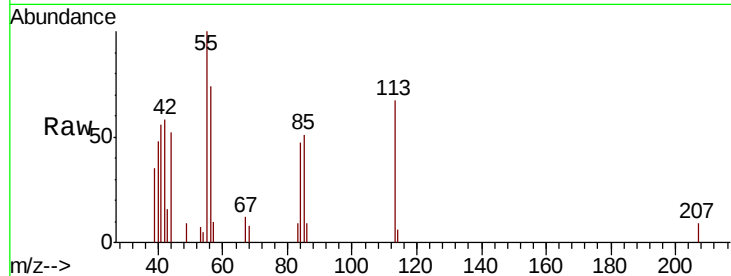
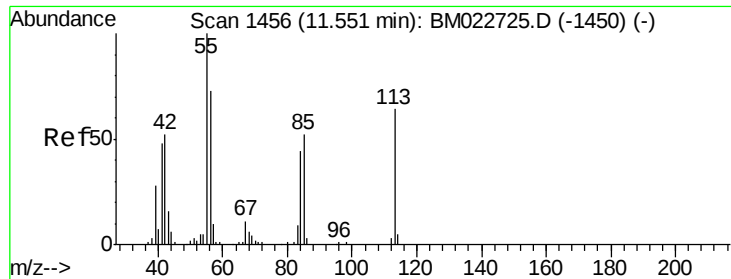
#34  
Hexachlorobutadiene  
Concen: 4.531 ng  
RT: 10.96 min Scan# 1356  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.3  | 50.2 | 75.4  |       |
| 227     | 63.6  | 51.0 | 76.4  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.204 ng/mL

RT: 11.55 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:113 Resp: 10389

Ion Ratio Lower Upper

113 100

55 149.3 136.8 176.8

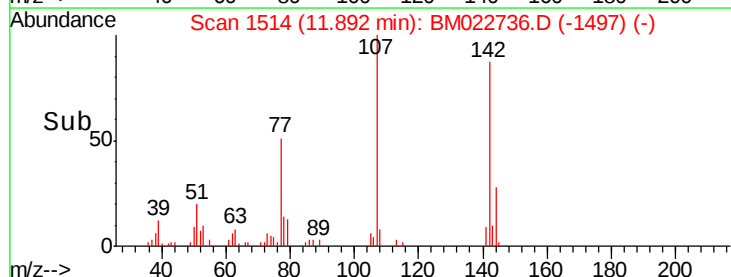
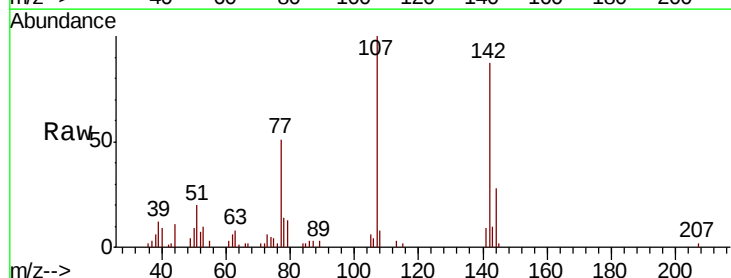
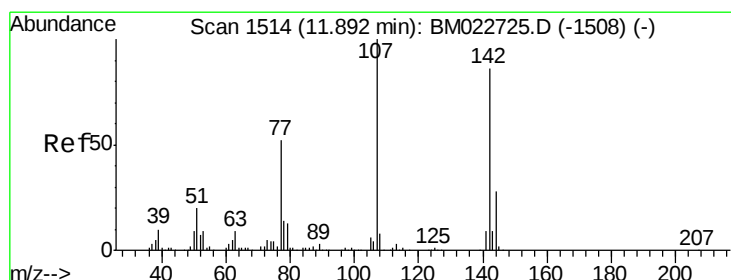
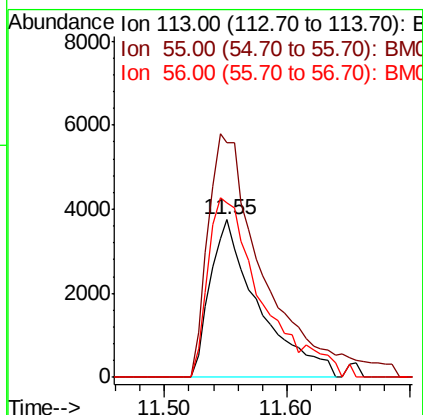
56 110.4 95.2 135.2

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#36

4-Chloro-3-methylphenol

Concen: 4.092 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

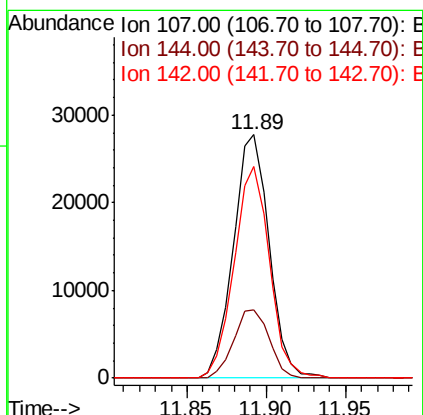
Tgt Ion:107 Resp: 43667

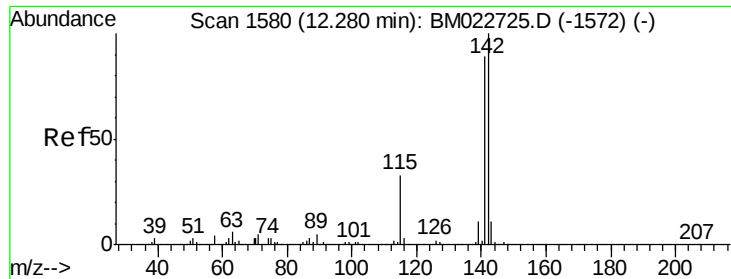
Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

142 86.7 68.2 102.4





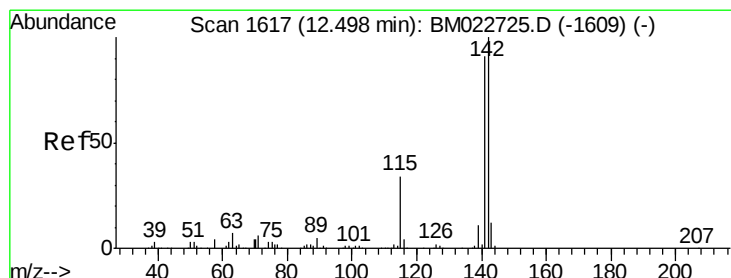
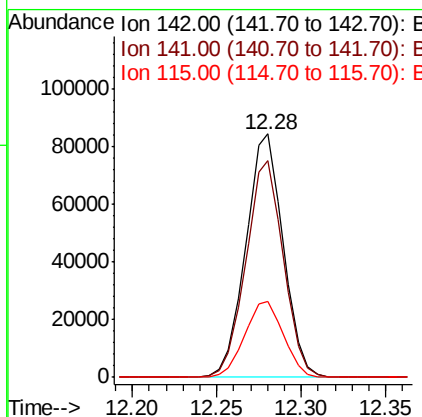
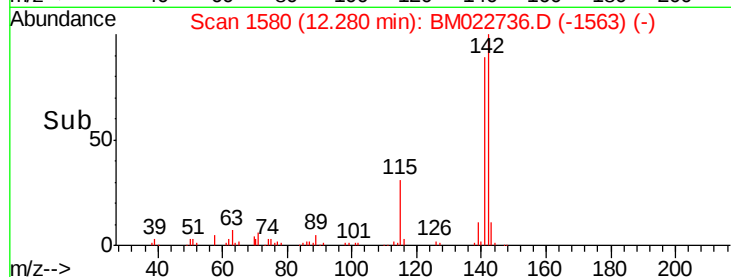
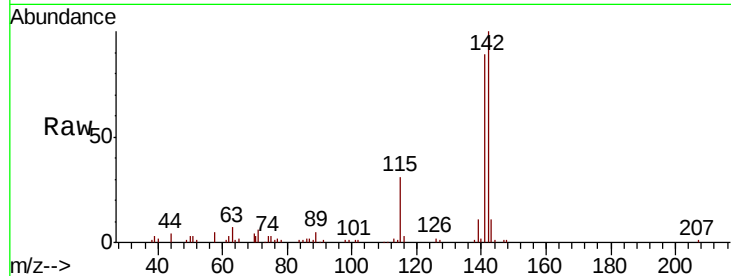
#37  
2-Methylnaphthalene  
Concen: 4.859 ng  
RT: 12.28 min Scan# 1580  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.5  | 107.3 |
| 115     | 31.4  | 26.1  | 39.1  |

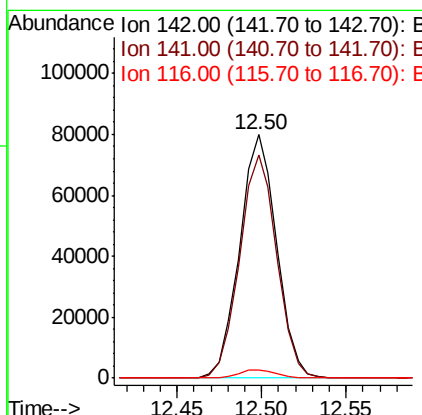
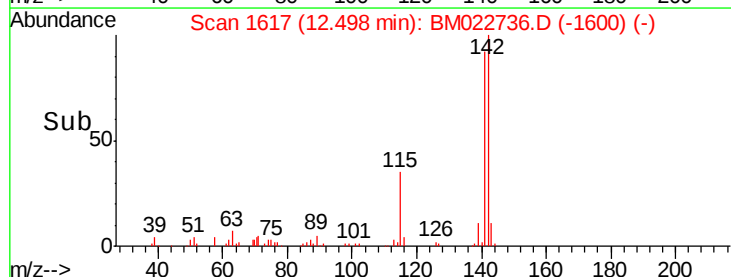
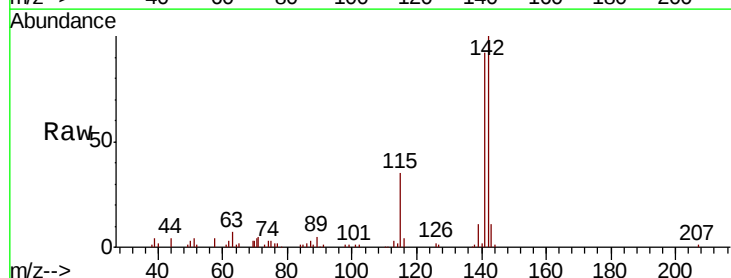
Manual Integrations  
APPROVED

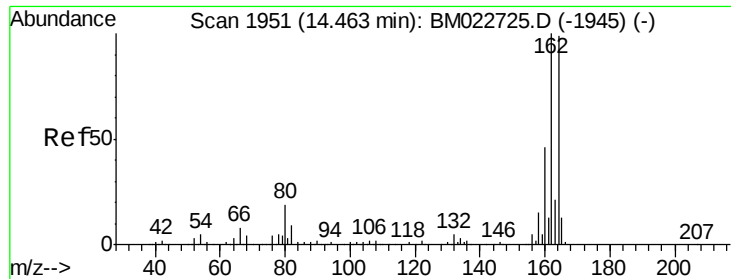
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 4.792 ng  
RT: 12.50 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 73.0  | 109.4 |
| 116     | 3.6   | 2.9   | 4.3   |





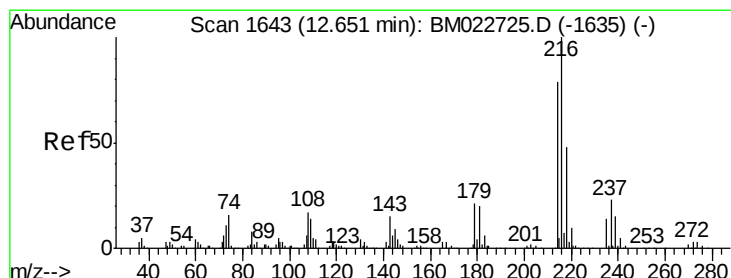
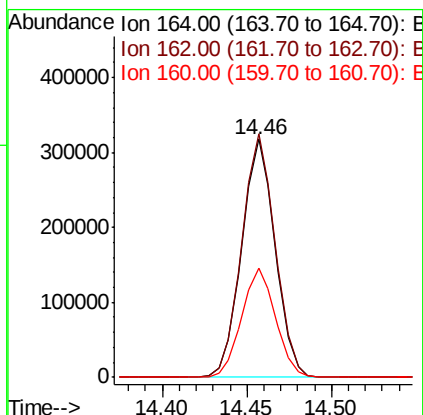
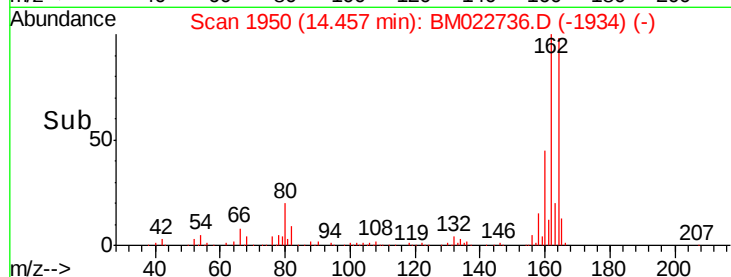
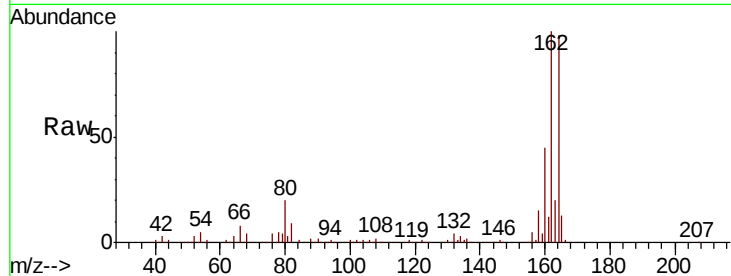
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.46 min Scan# 1950  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.2 | 81.1 | 121.7 |       |
| 160     | 46.0  | 36.9 | 55.3  |       |

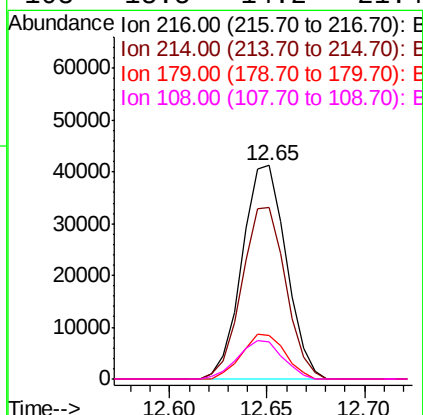
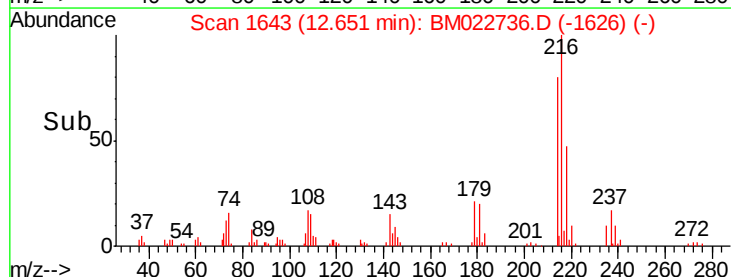
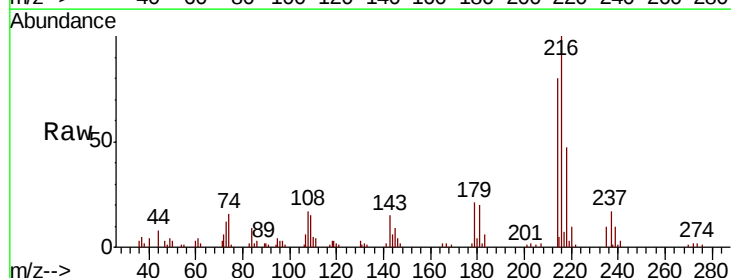
Manual Integrations  
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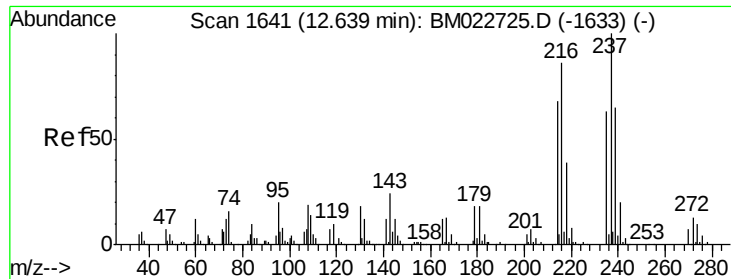
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.365 ng  
RT: 12.65 min Scan# 1643  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.4  | 62.9 | 94.3  |       |
| 179     | 20.6  | 16.6 | 24.8  |       |
| 108     | 18.5  | 14.2 | 21.4  |       |





#41

Hexachlorocyclopentadiene

Concen: 4.246 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

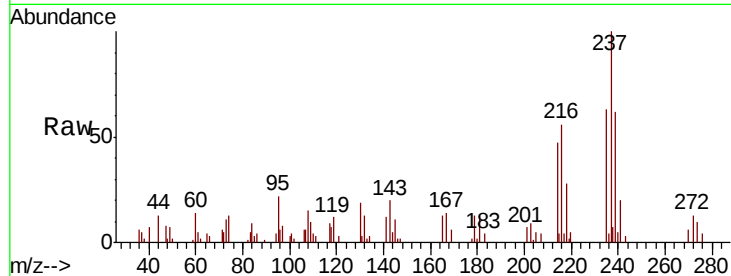
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

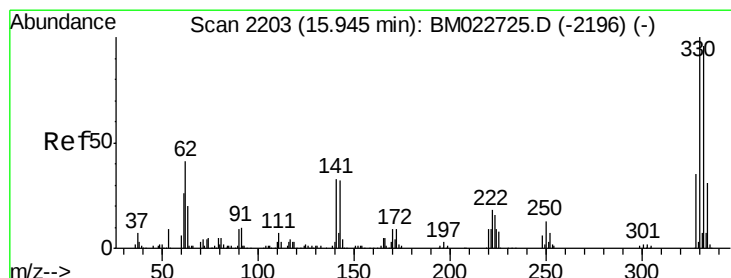
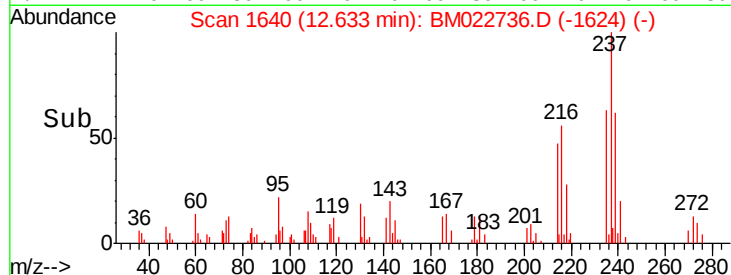
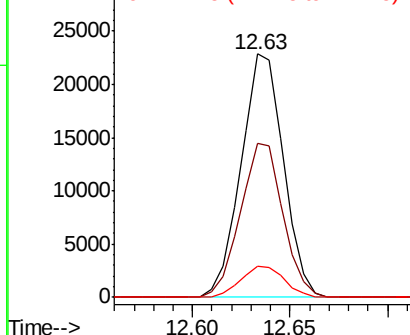
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 34344 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.4  | 43.3  | 83.3  |
| 272       | 12.5  | 0.0   | 32.6  |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.589 ng

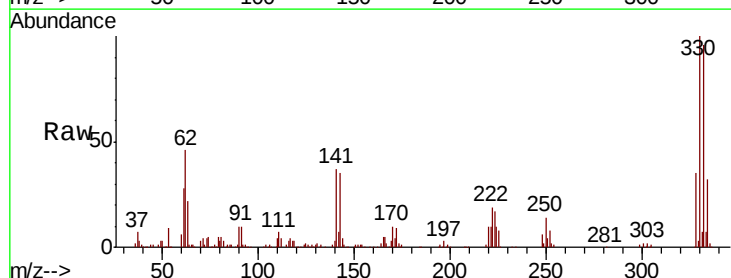
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

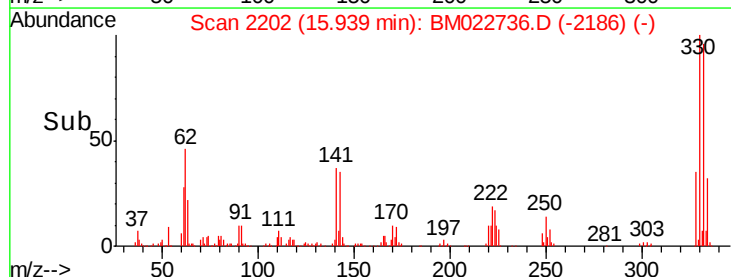
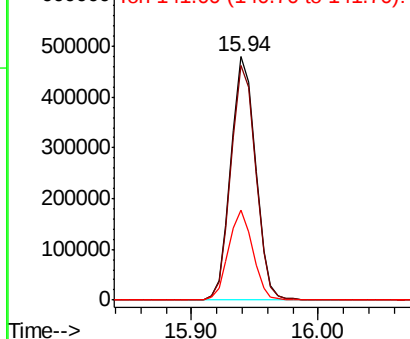
Lab File: BM022736.D

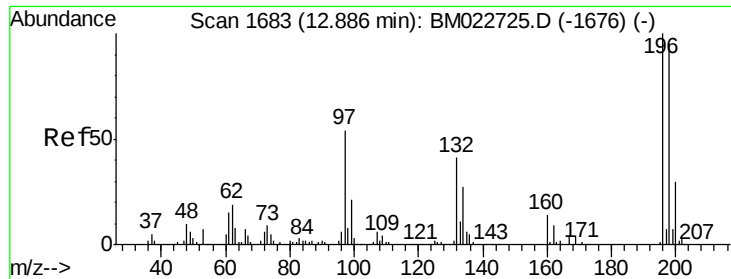
Acq: 20 Sep 2019 21:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 647717 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.8  | 76.9  | 115.3  |
| 141       | 36.2  | 28.6  | 42.8   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





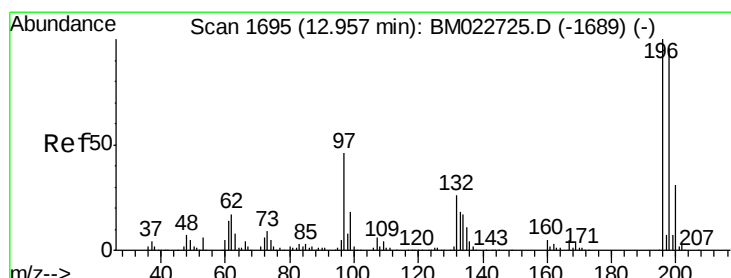
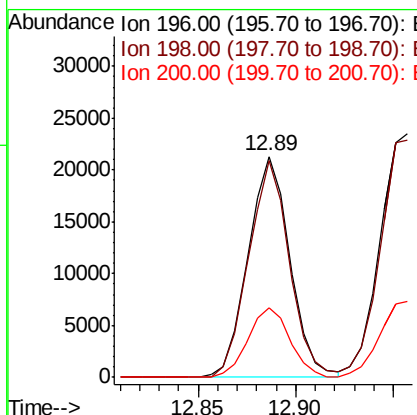
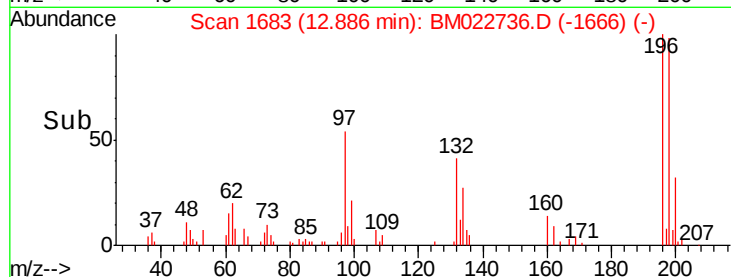
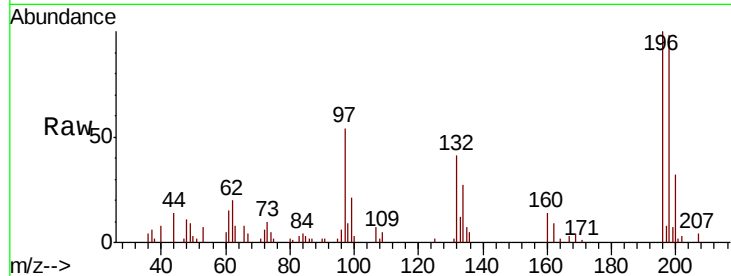
#43  
 2,4,6-Trichlorophenol  
 Concen: 3.700 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 31659 |       |       |
| 198     | 98.1  | 76.3  | 114.5 |       |
| 200     | 31.6  | 24.4  | 36.6  |       |

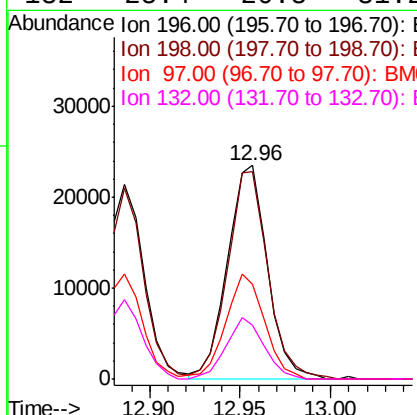
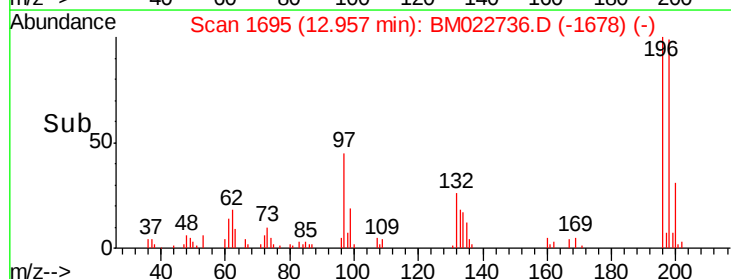
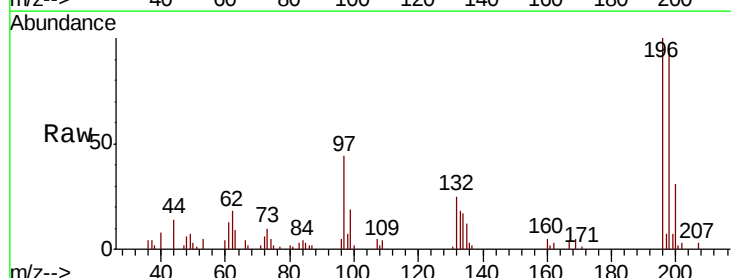
Manual Integrations  
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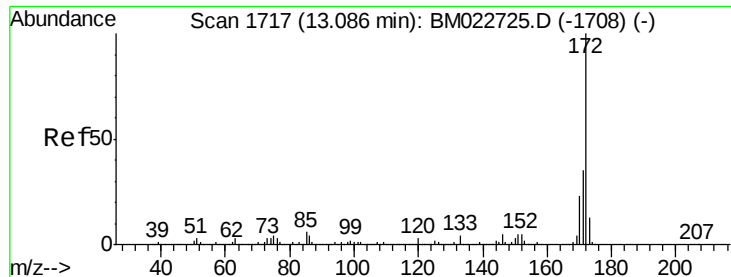
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#44  
 2,4,5-Trichlorophenol  
 Concen: 4.045 ng  
 RT: 12.96 min Scan# 1695  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 36070 |       |       |
| 198     | 97.2  | 77.0  | 115.4 |       |
| 97      | 44.1  | 37.2  | 55.8  |       |
| 132     | 25.4  | 20.8  | 31.2  |       |





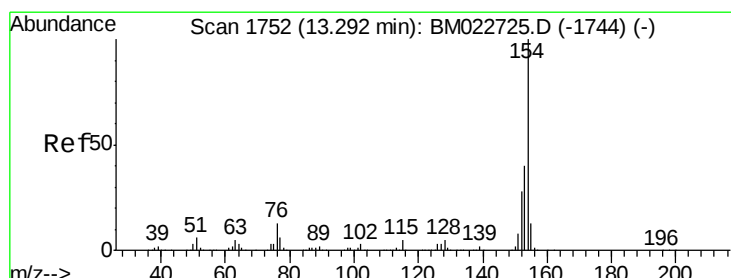
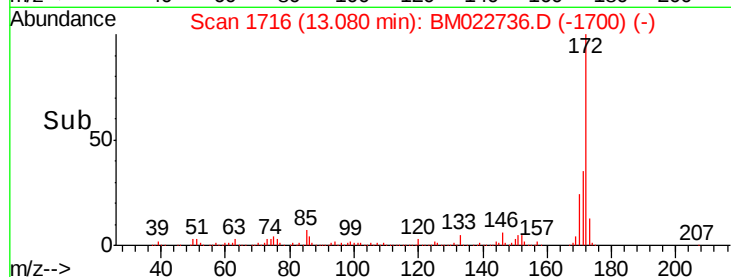
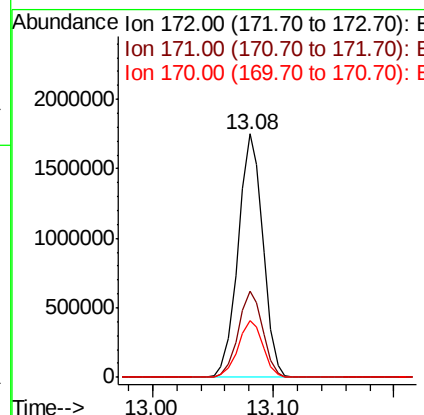
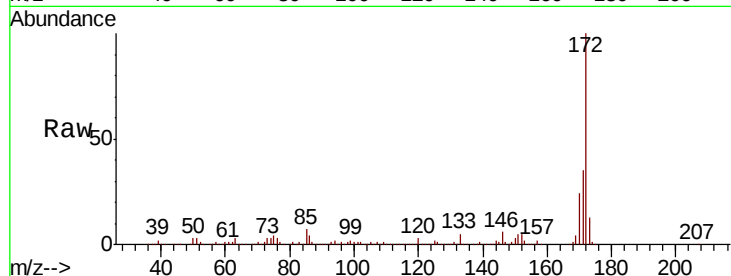
#45  
2-Fluorobiphenyl  
Concen: 78.750 ng  
RT: 13.08 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 27.8  | 41.8  |
| 170     | 23.5  | 18.7  | 28.1  |

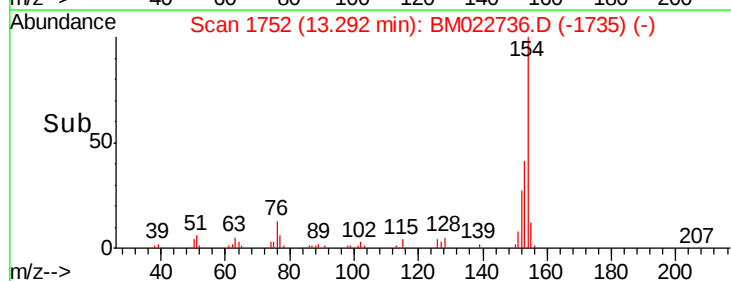
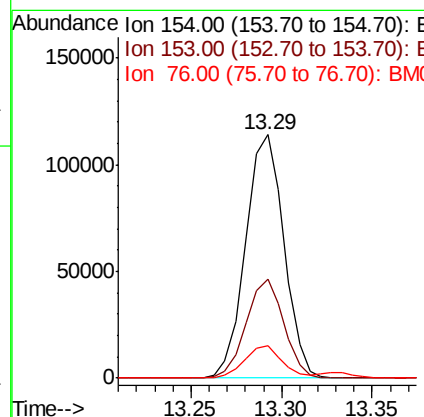
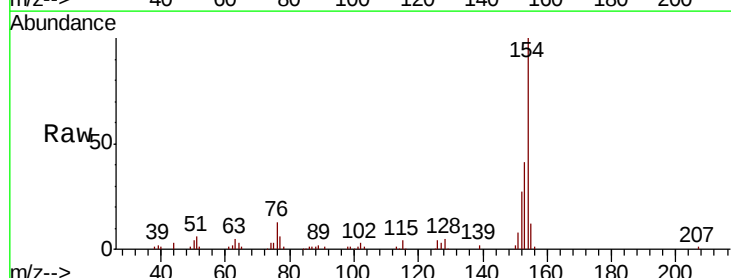
Manual Integrations  
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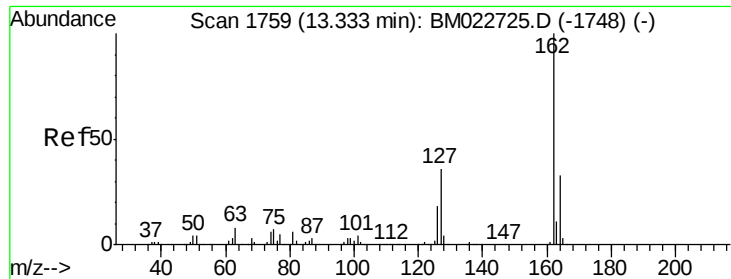
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#46  
1,1'-Biphenyl  
Concen: 4.622 ng  
RT: 13.29 min Scan# 1752  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.1  | 60.1  |
| 76      | 13.3  | 0.0   | 32.6  |





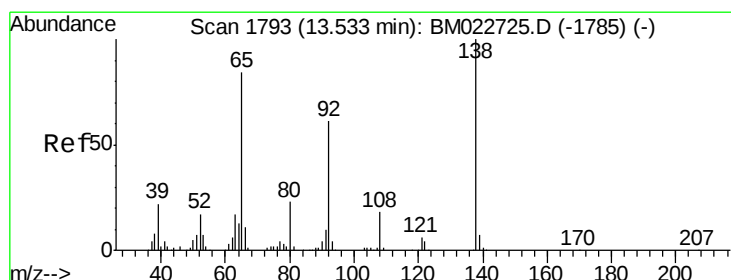
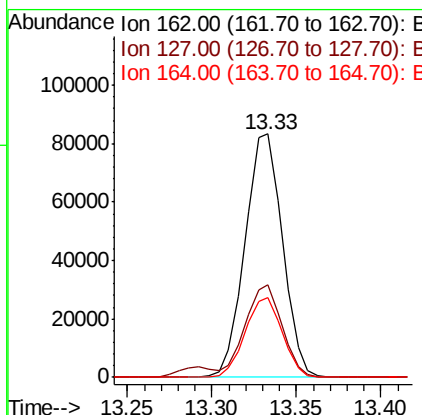
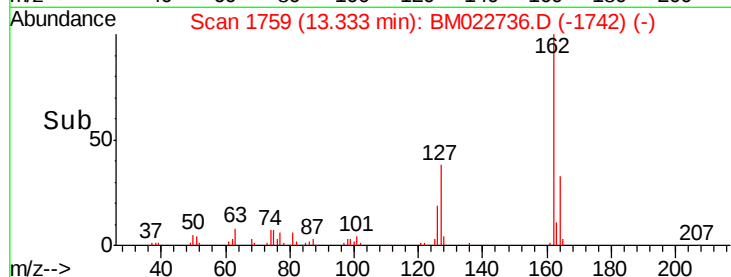
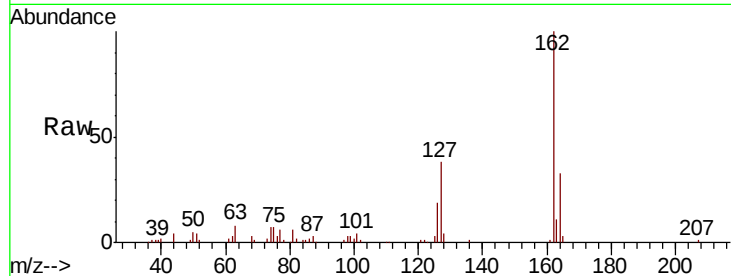
#47  
2-Chloronaphthalene  
Concen: 4.782 ng  
RT: 13.33 min Scan# 1759  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 129069 |       |       |
| 127     | 38.0  | 29.0   | 43.6  |       |
| 164     | 32.9  | 26.0   | 39.0  |       |

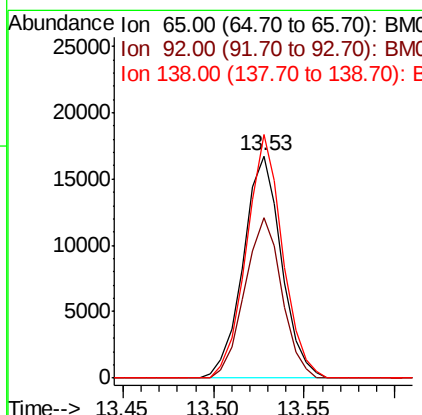
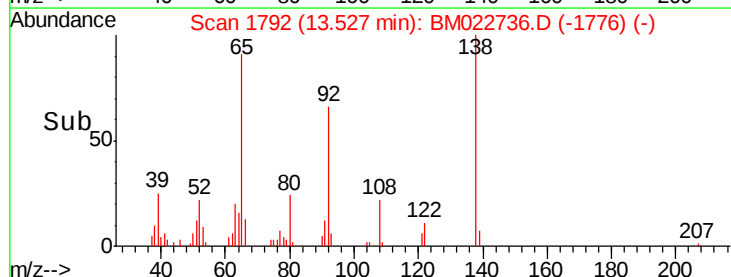
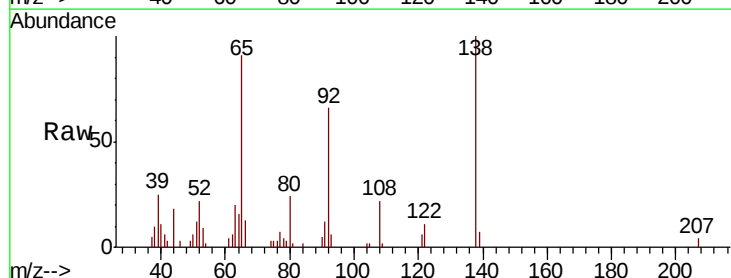
Manual Integrations  
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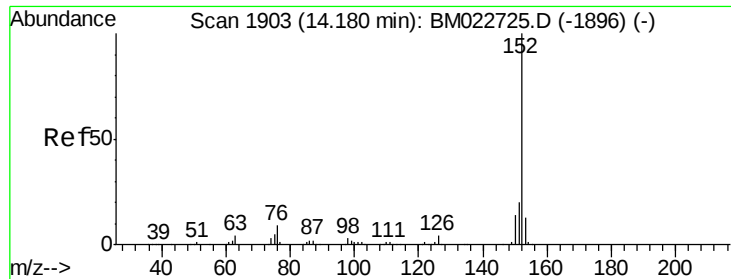
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#48  
2-Nitroaniline  
Concen: 3.491 ng  
RT: 13.53 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 24536 |       |       |
| 92      | 72.0  | 58.6  | 87.8  |       |
| 138     | 109.6 | 95.4  | 143.0 |       |





#49

Acenaphthylene

Concen: 4.459 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

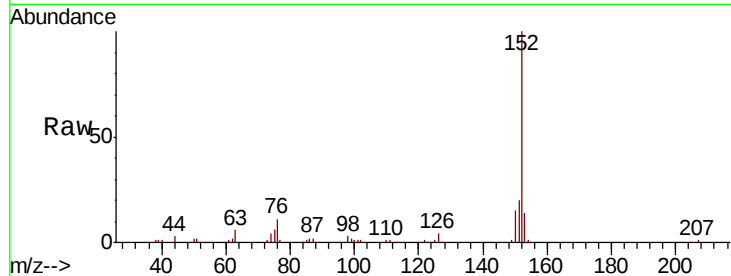
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

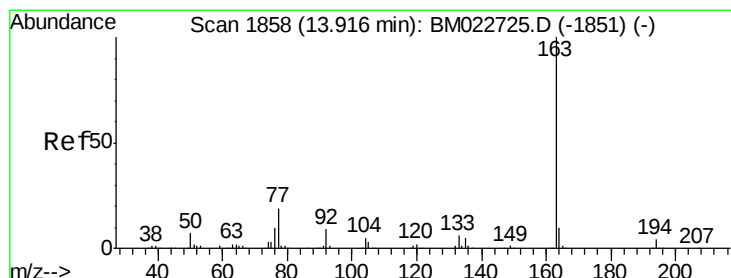
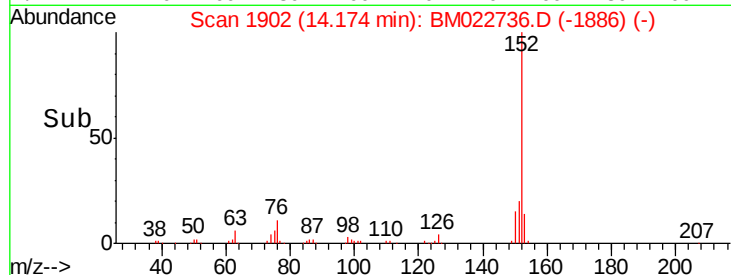
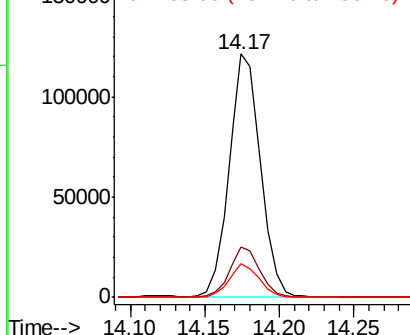
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 152  | Resp: | 178235 |
| Ion Ratio |      | Lower | Upper  |
| 152       | 100  |       |        |
| 151       | 20.5 | 15.9  | 23.9   |
| 153       | 13.6 | 10.5  | 15.7   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.530 ng

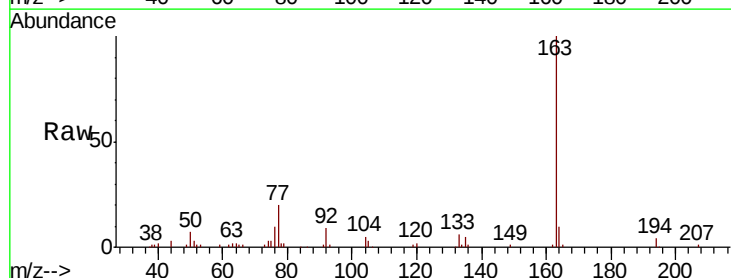
RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

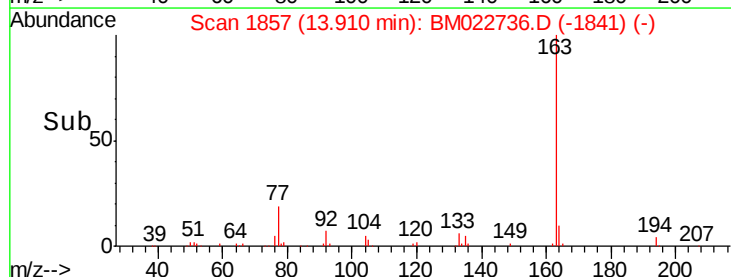
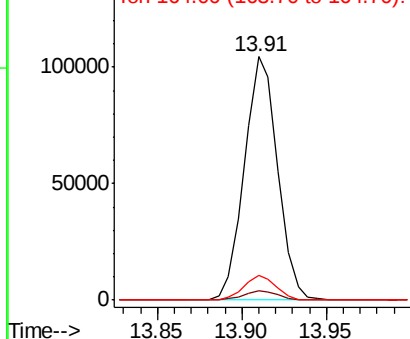
Lab File: BM022736.D

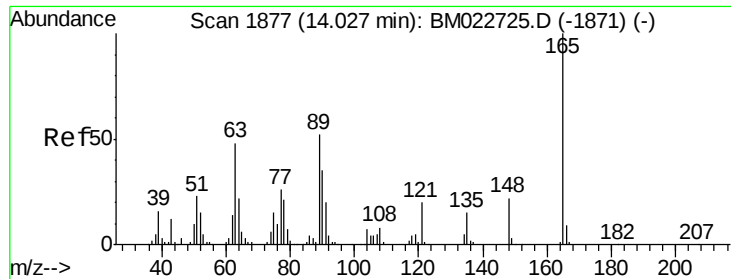
Acq: 20 Sep 2019 21:32

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 143247 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 3.7  | 3.3   | 4.9    |
| 164       | 10.1 | 8.2   | 12.2   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





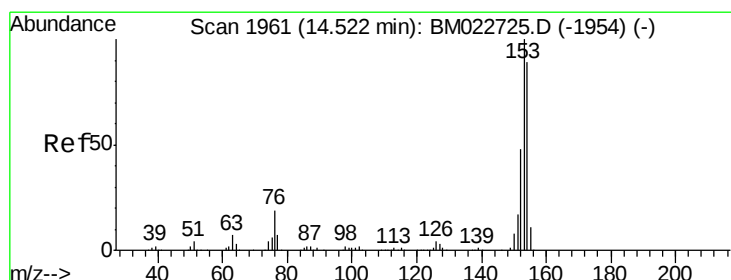
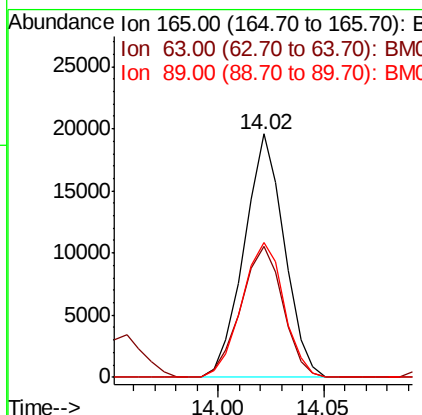
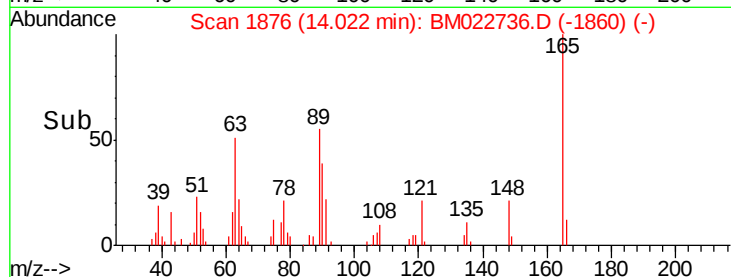
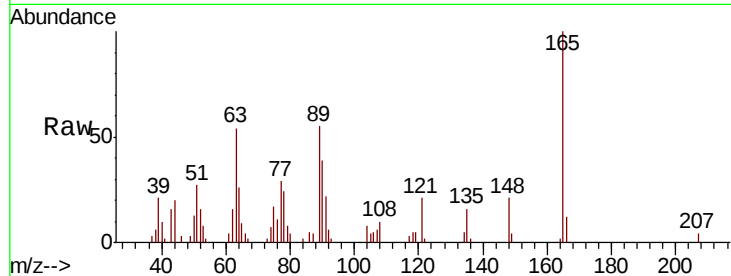
#51  
 2,6-Dinitrotoluene  
 Concen: 3.909 ng  
 RT: 14.02 min Scan# 1876  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 25855 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 53.6  | 38.6  | 58.0  |
| 89        | 55.3  | 41.6  | 62.4  |

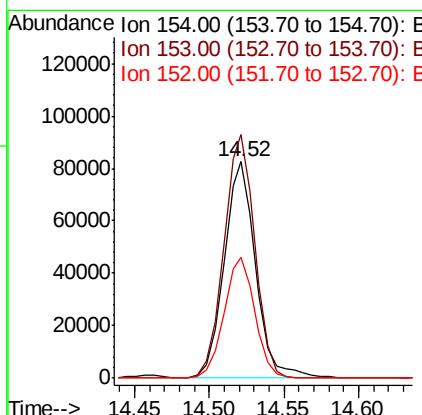
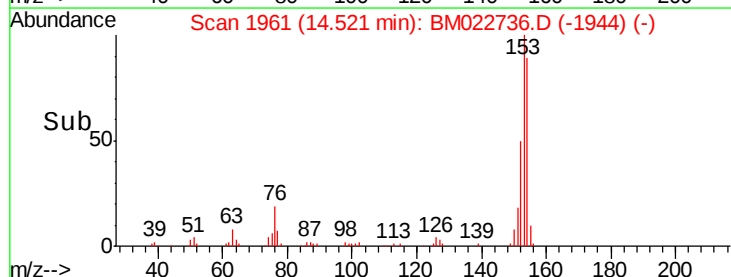
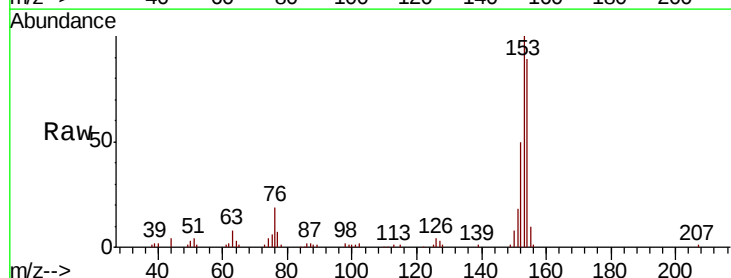
Manual Integrations  
 APPROVED

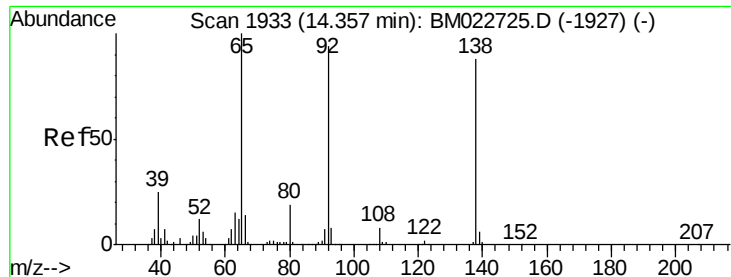
mohammad  
 9/24/2019 8:34:58 AM



#52  
 Acenaphthene  
 Concen: 4.677 ng  
 RT: 14.52 min Scan# 1961  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 122285 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.6 | 90.0  | 135.0  |
| 152       | 56.1  | 42.9  | 64.3   |





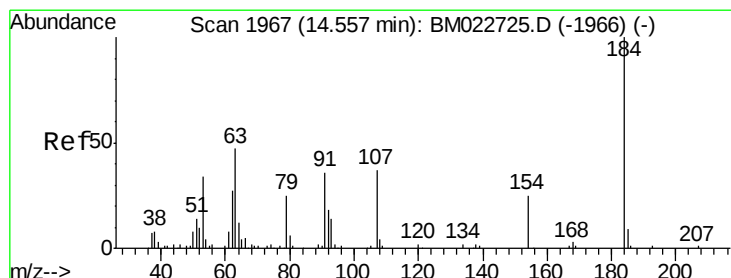
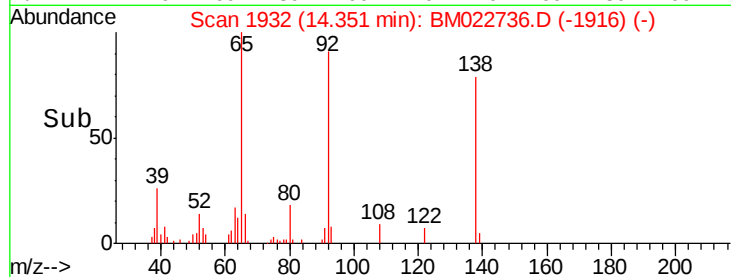
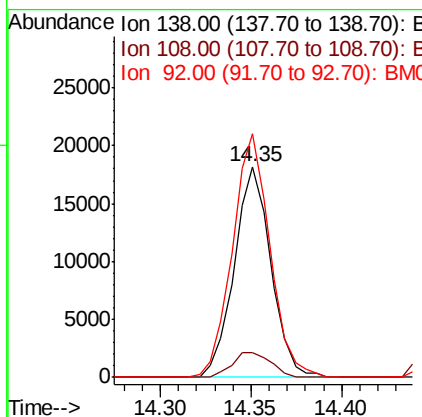
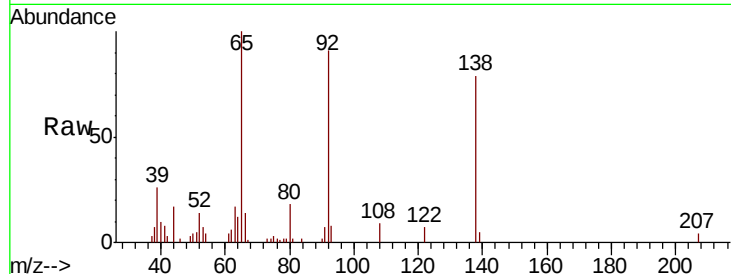
#53  
 3-Nitroaniline  
 Concen: 3.355 ng  
 RT: 14.35 min Scan# 1932  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.9  | 7.3   | 10.9# |
| 92      | 115.5 | 86.3  | 129.5 |

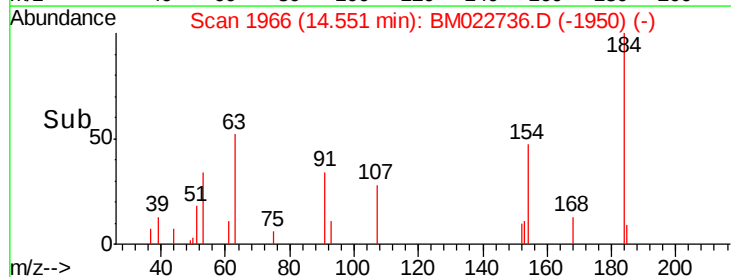
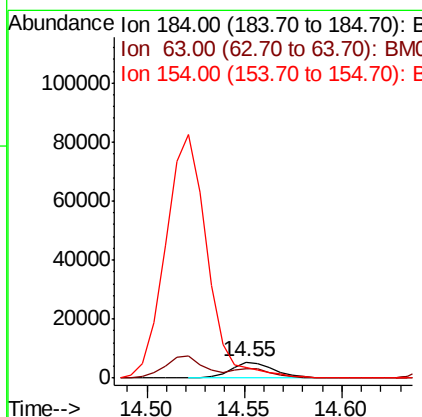
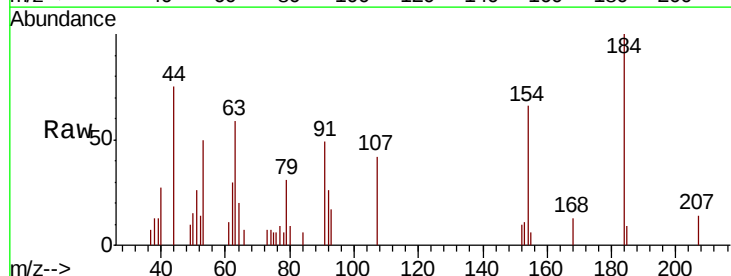
Manual Integrations  
 APPROVED

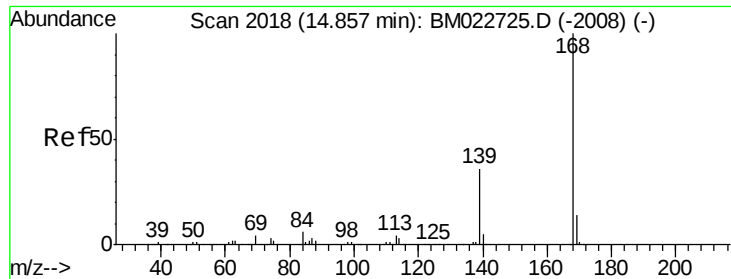
mohammad  
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#54  
 2,4-Dinitrophenol  
 Concen: 2.541 ng  
 RT: 14.55 min Scan# 1966  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.4  | 48.5  | 72.7  |
| 154     | 65.6  | 48.1  | 72.1  |





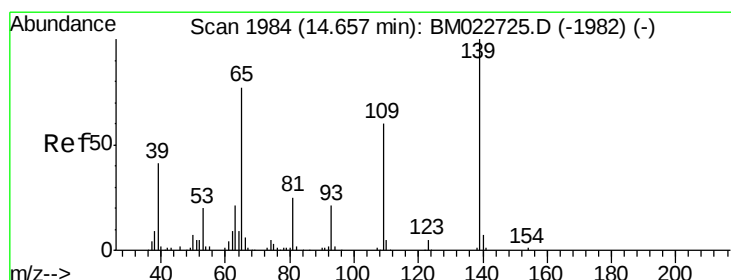
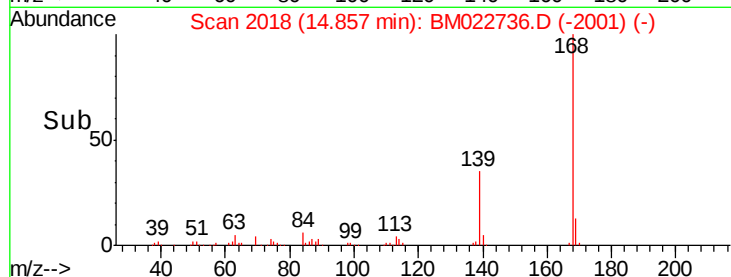
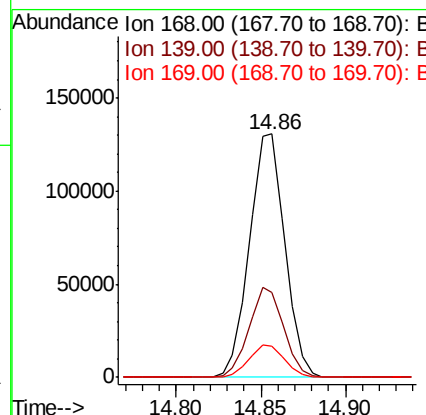
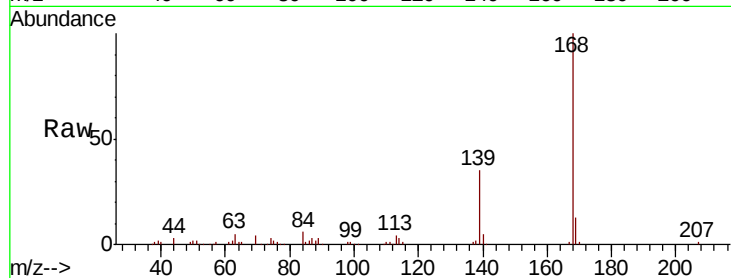
#55  
Dibenzenofuran  
Concen: 4.988 ng  
RT: 14.86 min Scan# 2018  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 34.8  | 28.8  | 43.2  |
| 169     | 12.8  | 10.9  | 16.3  |

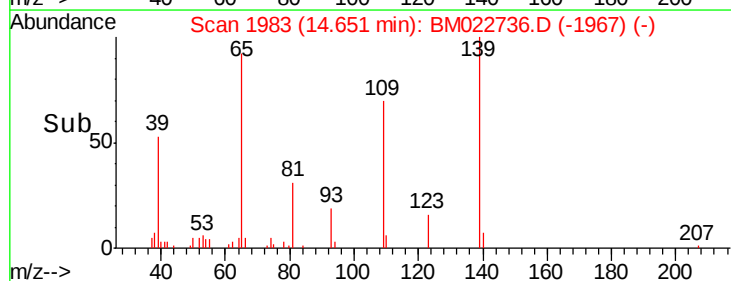
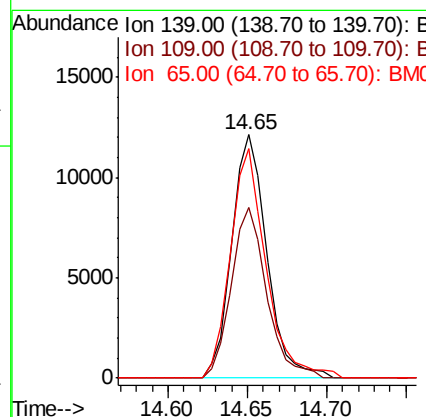
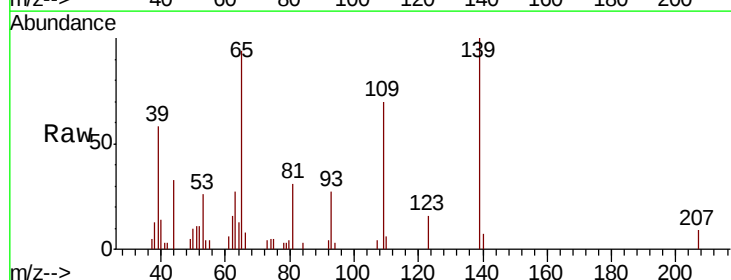
Manual Integrations  
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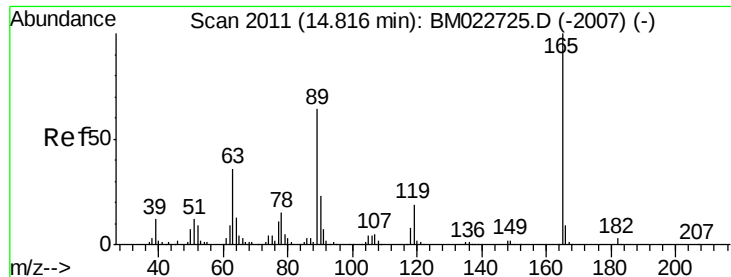
mohammad  
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#56  
4-Nitrophenol  
Concen: 3.178 ng  
RT: 14.65 min Scan# 1983  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 69.9  | 44.8  | 84.8  |
| 65      | 94.5  | 66.6  | 106.6 |





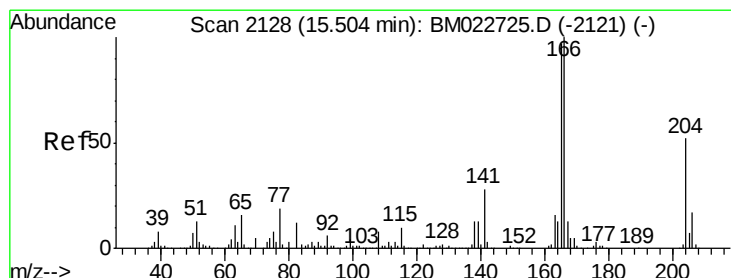
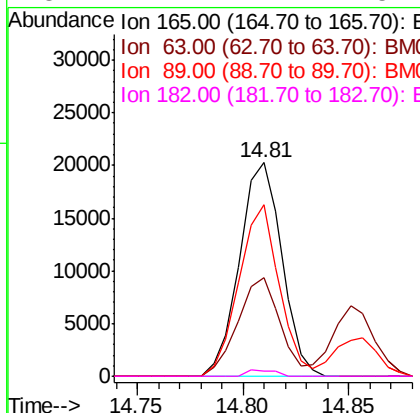
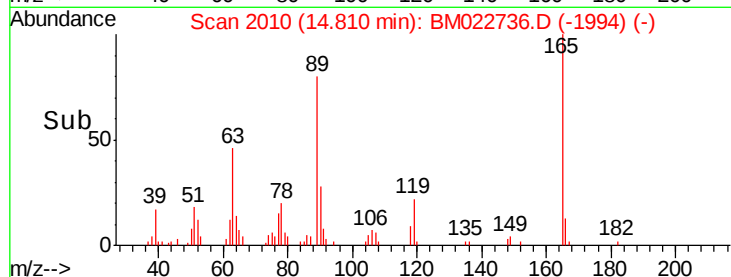
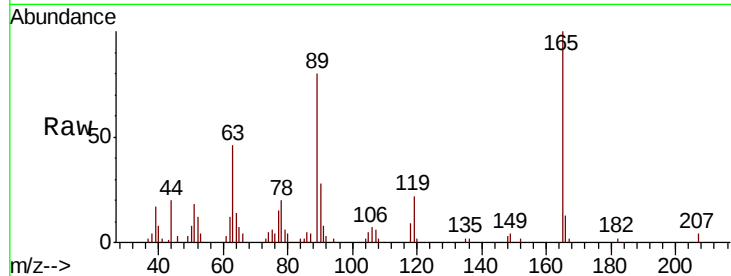
#57  
2,4-Dinitrotoluene  
Concen: 3.259 ng  
RT: 14.81 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 28242 |       |       |
| 63      | 46.1  |       | 30.1  | 45.1# |
| 89      | 80.1  |       | 52.5  | 78.7# |
| 182     | 2.4   |       | 2.2   | 3.4   |

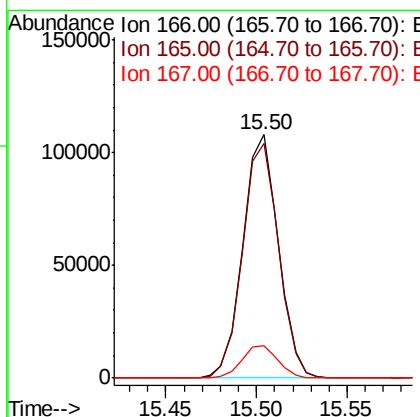
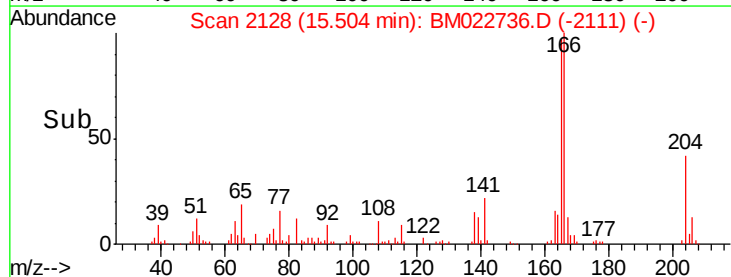
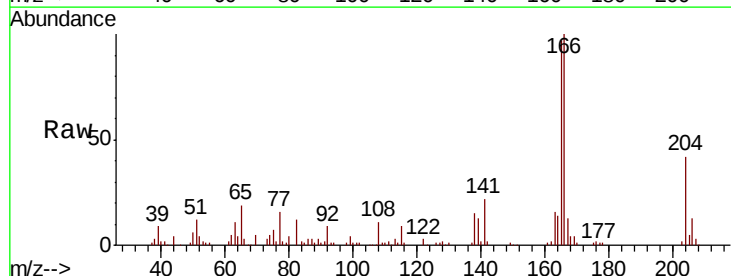
Manual Integrations  
APPROVED

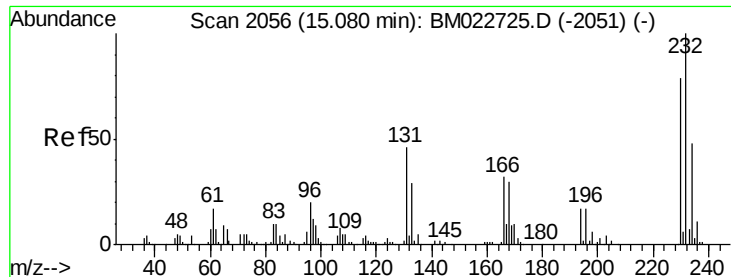
mohammad  
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#58  
Fluorene  
Concen: 4.731 ng  
RT: 15.50 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 146760 |       |       |
| 165     | 96.5  |        | 77.6  | 116.4 |
| 167     | 13.3  |        | 10.8  | 16.2  |





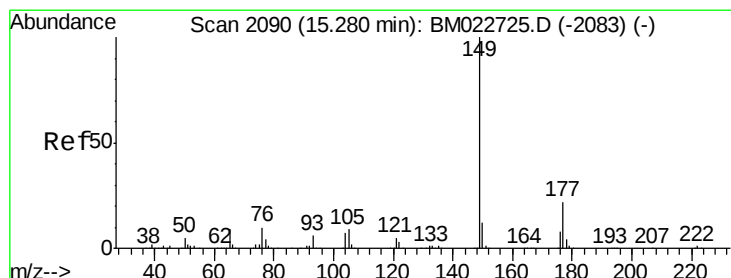
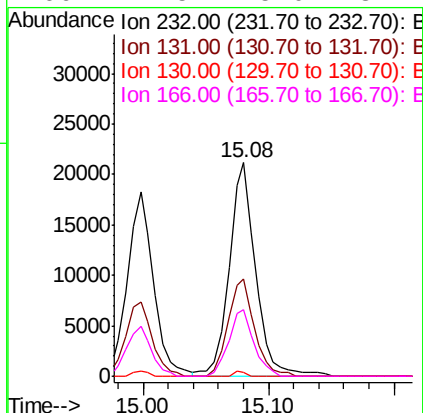
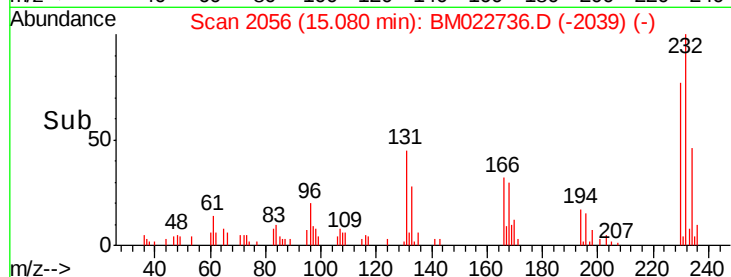
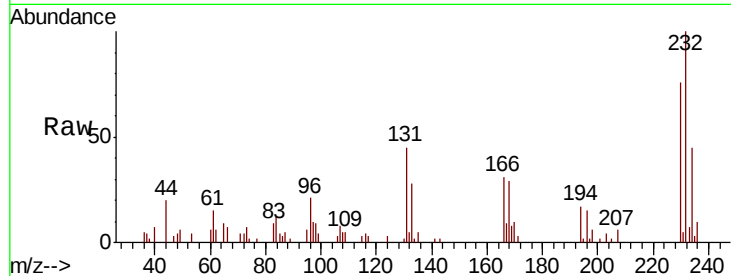
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.992 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 27.7  | 36.3 | 54.5# |       |
| 130     | 1.4   | 1.8  | 2.8#  |       |
| 166     | 17.5  | 25.0 | 37.4# |       |

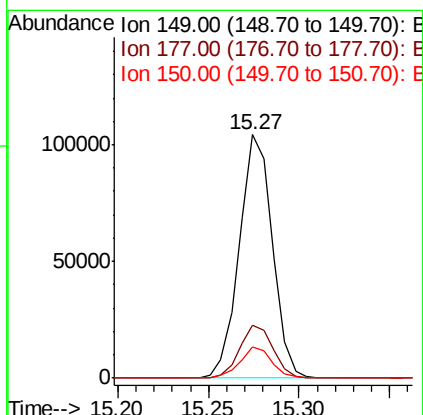
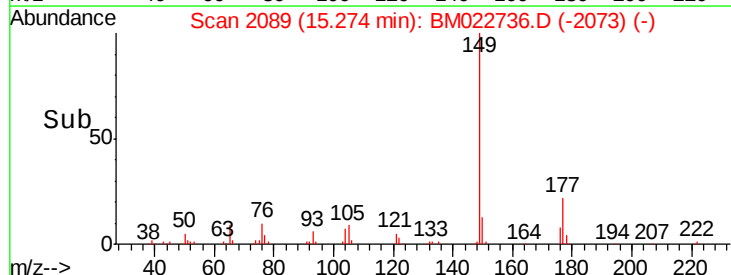
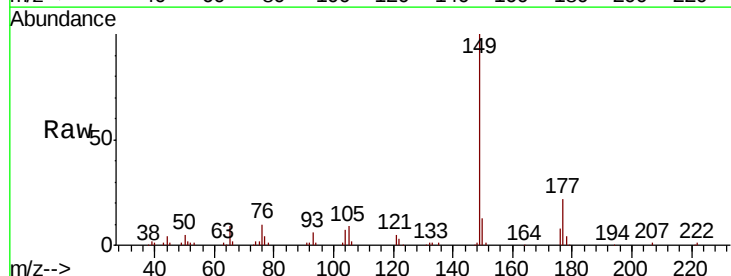
Manual Integrations  
 APPROVED

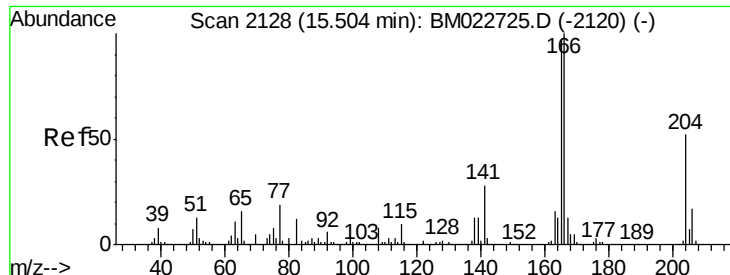
mohammad  
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#60  
 Diethylphthalate  
 Concen: 4.297 ng  
 RT: 15.27 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 21.9  | 17.6 | 26.4  |       |
| 150     | 12.6  | 9.9  | 14.9  |       |





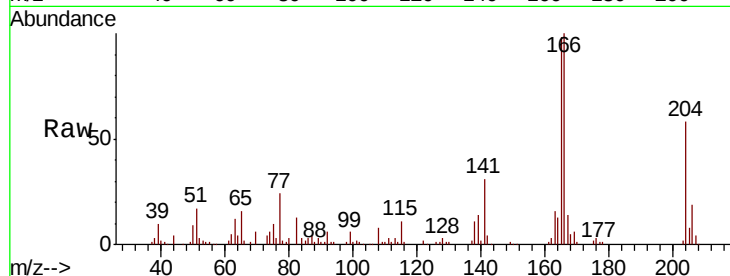
#61  
4-Chlorophenyl-phenylether  
Concen: 4.664 ng  
RT: 15.50 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

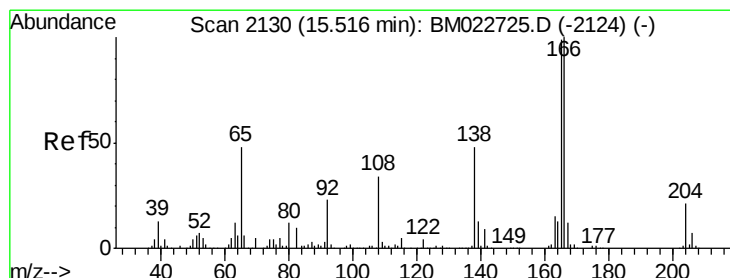
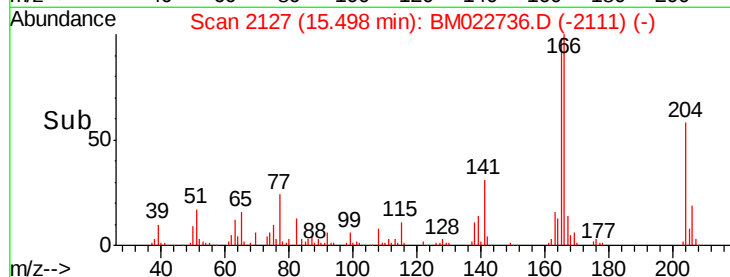
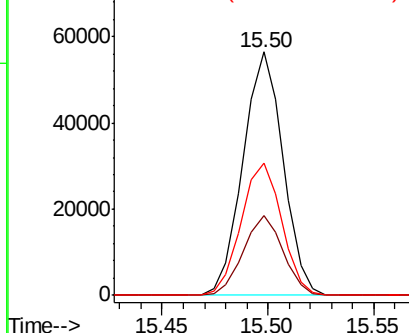
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 74335 |       |       |
| 206     | 33.0  | 26.2  | 39.4  |       |
| 141     | 54.3  | 42.6  | 64.0  |       |

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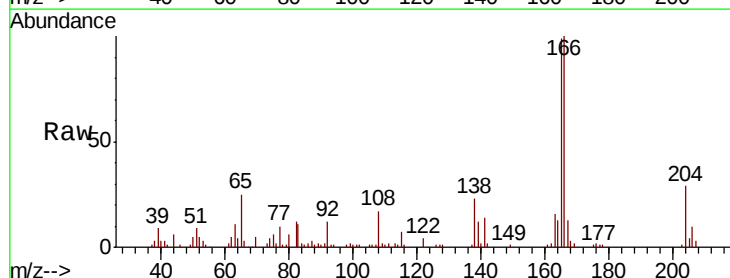


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

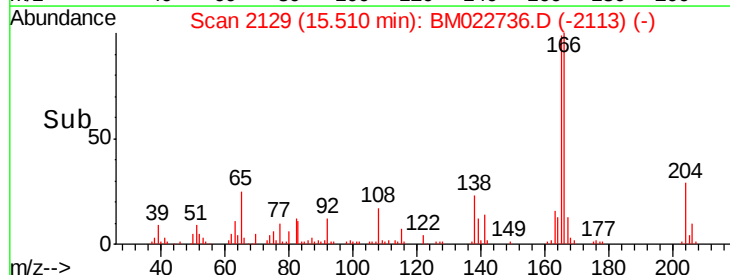
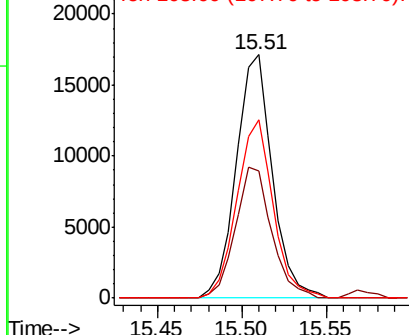


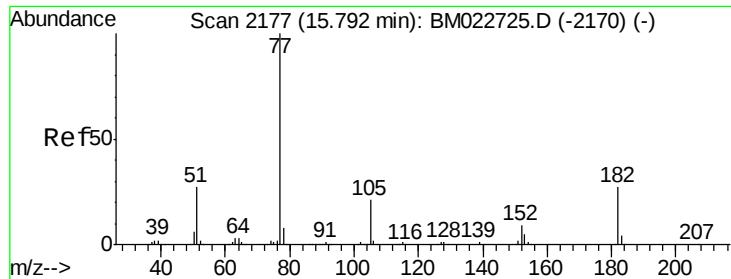
#62  
4-Nitroaniline  
Concen: 3.194 ng  
RT: 15.51 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 25498 |       |       |
| 92      | 52.3  | 28.7  | 68.7  |       |
| 108     | 73.4  | 50.3  | 90.3  |       |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM  
Ion 108.00 (107.70 to 108.70): E





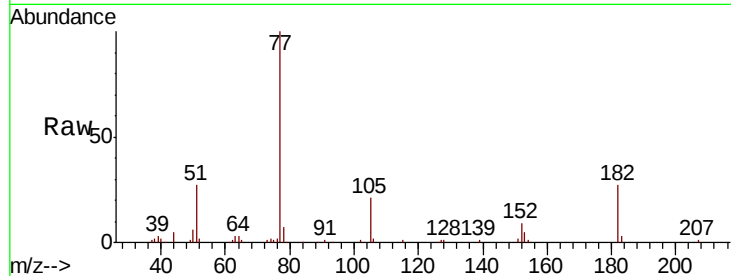
#63  
Azobenzene  
Concen: 4.274 ng  
RT: 15.79 min Scan# 2177  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

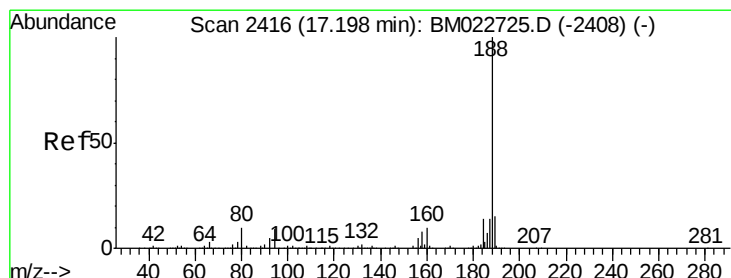
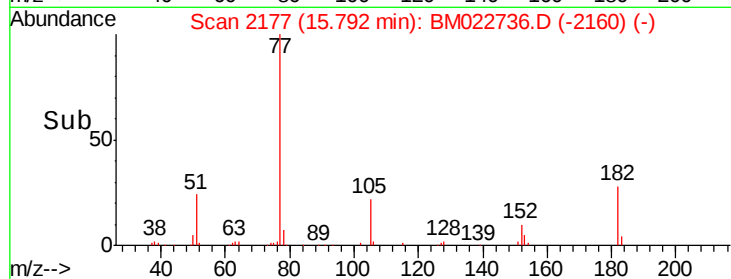
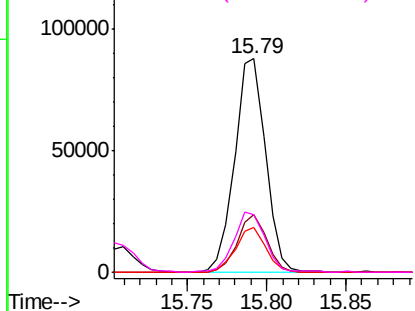
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 26.9 | 7.0   | 47.0 |       |       |
| 105     | 21.2 | 0.9   | 40.9 |       |       |
| 51      | 26.8 | 6.6   | 46.6 |       |       |

Manual Integrations  
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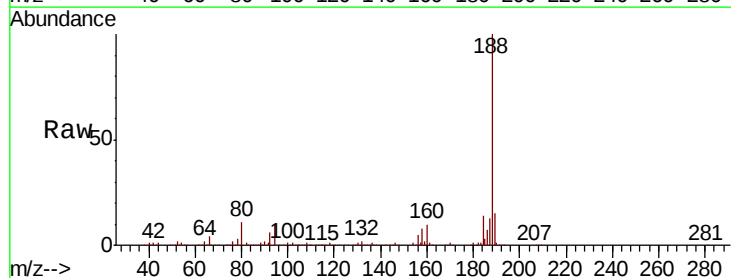


Abundance Ion 77.00 (76.70 to 77.70): BM022725.D (-2170) (-)  
Ion 182.00 (181.70 to 182.70): BM022725.D (-2170) (-)  
Ion 105.00 (104.70 to 105.70): BM022725.D (-2170) (-)  
Ion 51.00 (50.70 to 51.70): BM022725.D (-2170) (-)

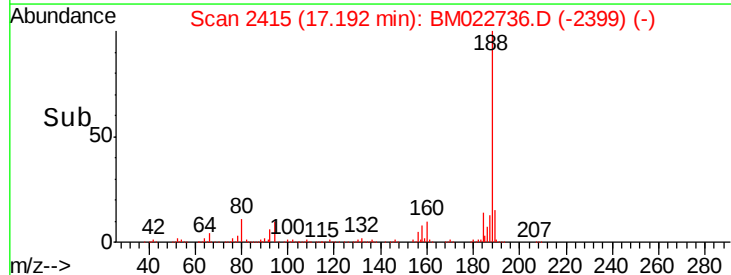
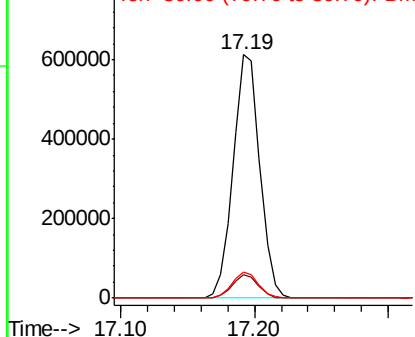


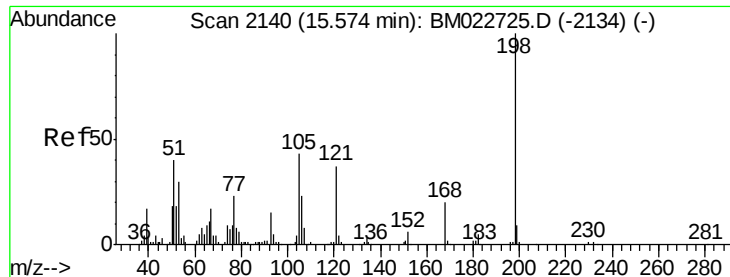
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.19 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 9.8  | 7.3   | 10.9 |       |       |
| 80      | 10.7 | 7.8   | 11.8 |       |       |



Abundance Ion 188.00 (187.70 to 188.70): BM022725.D (-2408) (-)  
Ion 94.00 (93.70 to 94.70): BM022725.D (-2408) (-)  
Ion 80.00 (79.70 to 80.70): BM022725.D (-2408) (-)





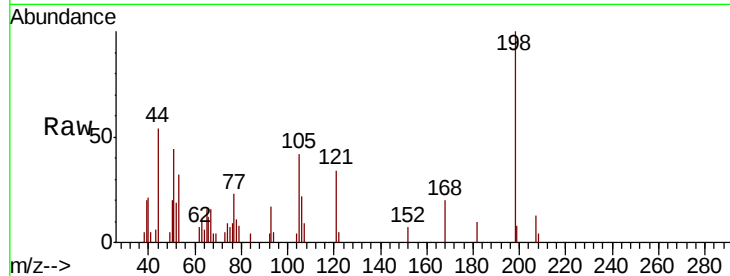
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.117 ng  
 RT: 15.57 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

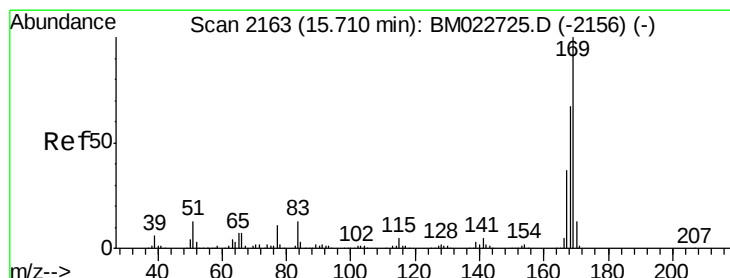
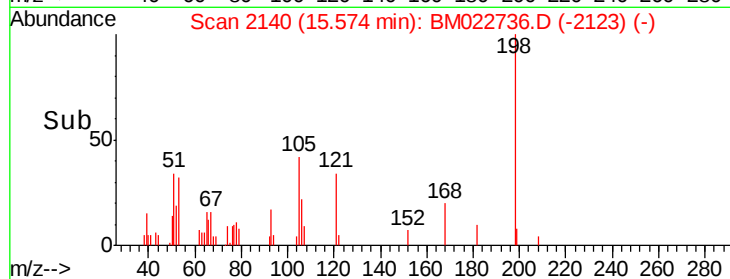
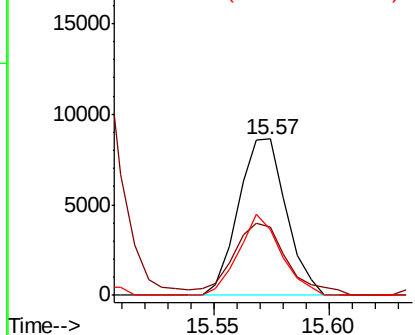
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 12443 |       |       |
| 51      | 43.6  |       | 21.0  | 61.0  |
| 105     | 42.1  |       | 22.5  | 62.5  |

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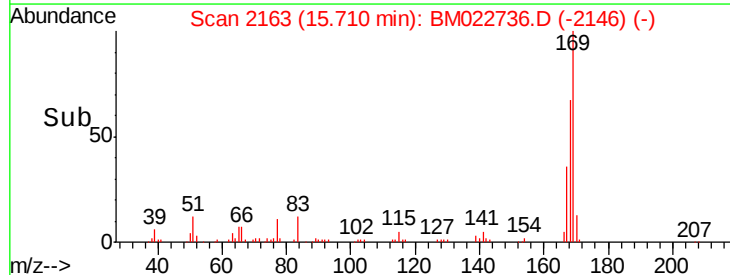
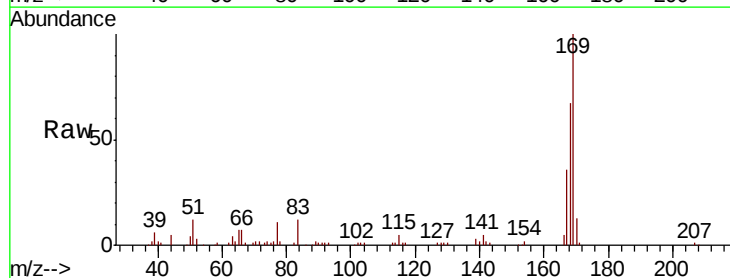
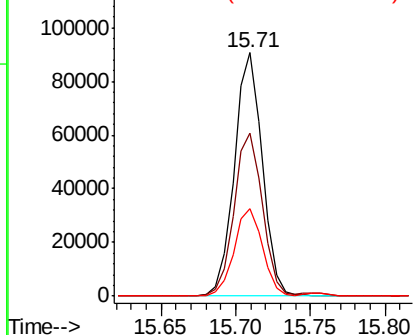
Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BM022736.D (-2134) (-)  
 Ion 105.00 (104.70 to 105.70): E

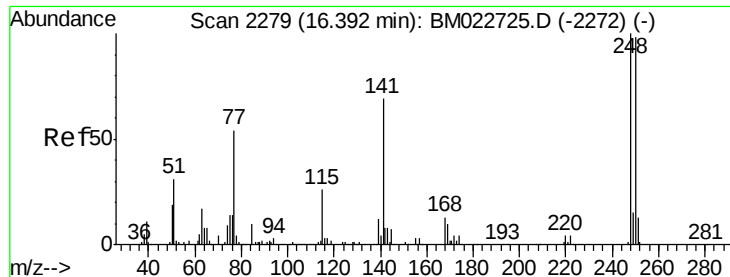


#66  
 n-Nitrosodiphenylamine  
 Concen: 4.554 ng  
 RT: 15.71 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 118565 |       |       |
| 168     | 66.7  |        | 53.4  | 80.2  |
| 167     | 35.9  |        | 29.3  | 43.9  |

Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E





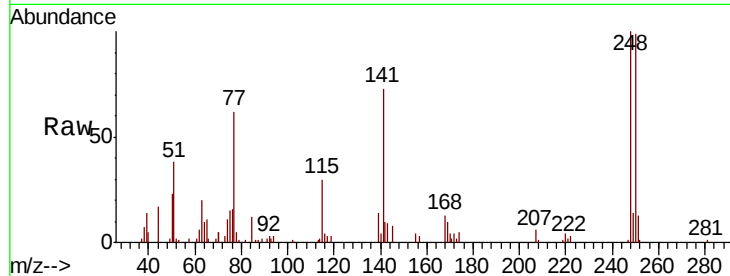
#67  
4-Bromophenyl-phenylether  
Concen: 4.327 ng  
RT: 16.39 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.4  | 78.4  | 117.6 |
| 141     | 73.1  | 55.1  | 82.7  |

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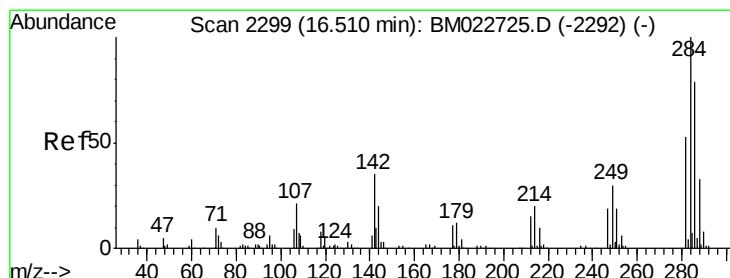
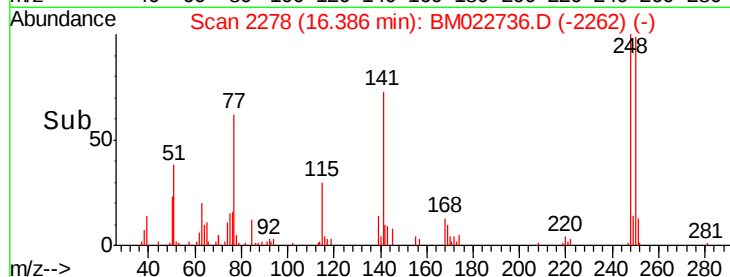
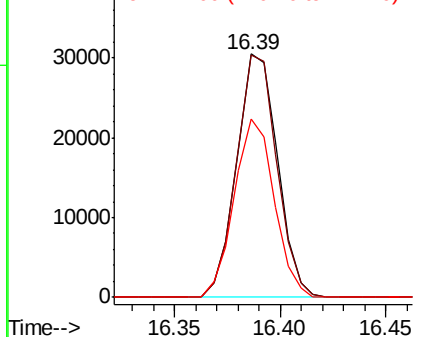


Abundance

Ion 248.00 (247.70 to 248.70): E

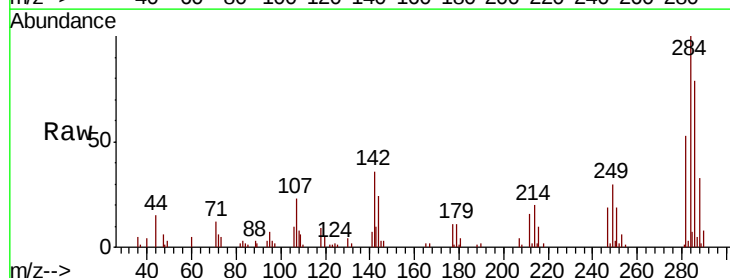
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 4.491 ng  
RT: 16.50 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.1  | 27.8  | 41.8  |
| 249     | 29.8  | 24.4  | 36.6  |

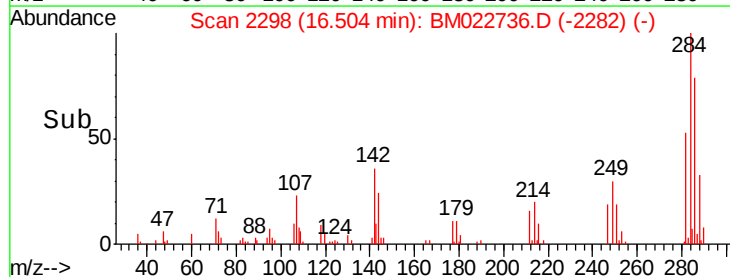
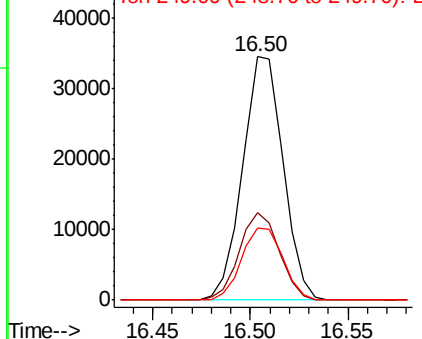


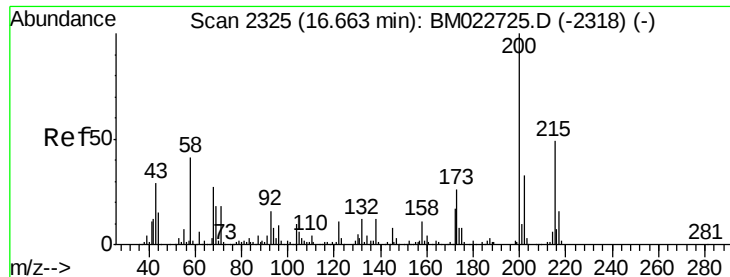
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





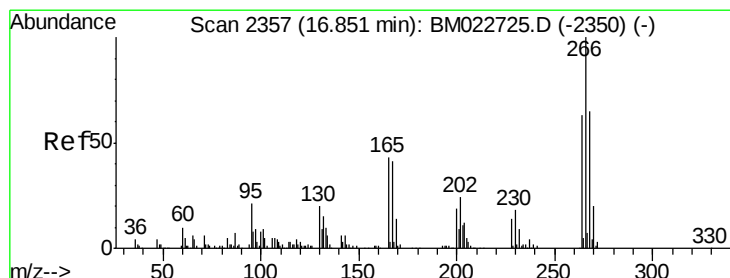
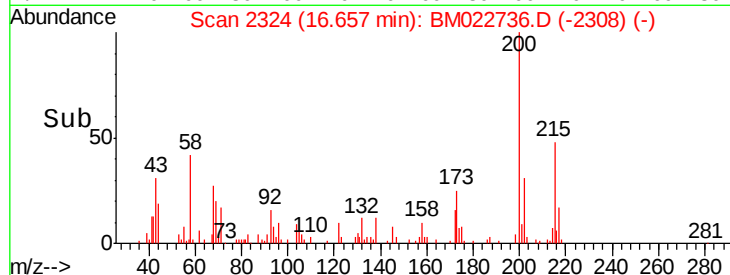
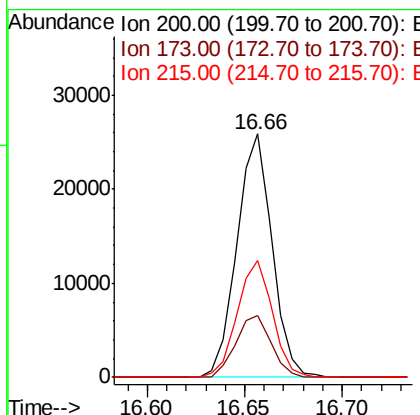
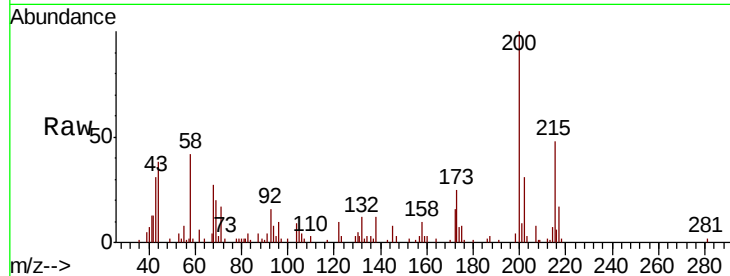
#69  
Atrazine  
Concen: 3.816 ng  
RT: 16.66 min Scan# 2324  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 32297 |       |       |
| 173     | 25.2  | 5.8   | 45.8  |       |
| 215     | 48.1  | 29.2  | 69.2  |       |

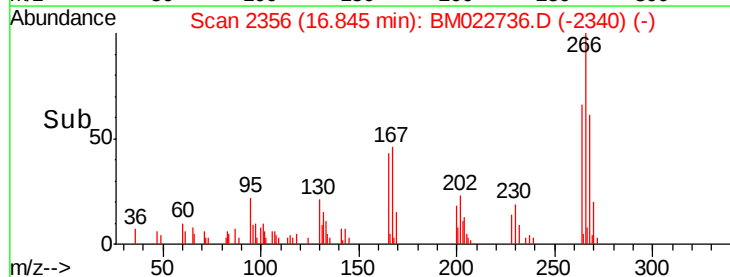
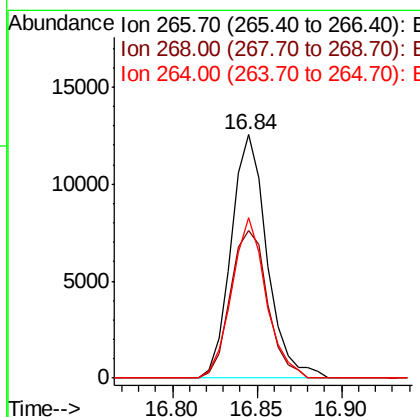
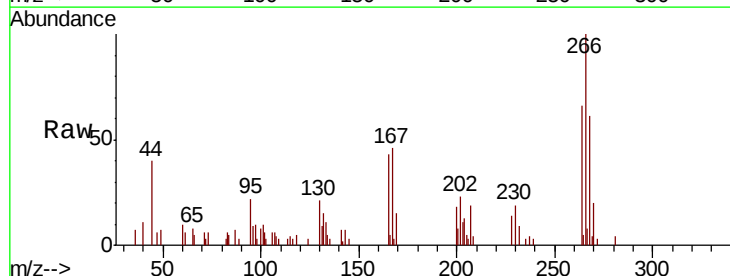
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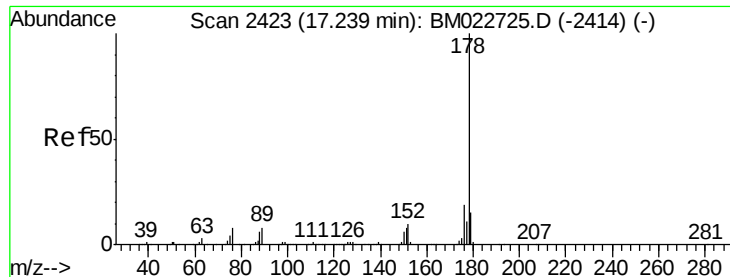
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#70  
Pentachlorophenol  
Concen: 3.145 ng  
RT: 16.84 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 18539 |       |       |
| 268     | 60.6  | 51.8  | 77.6  |       |
| 264     | 66.1  | 50.2  | 75.4  |       |





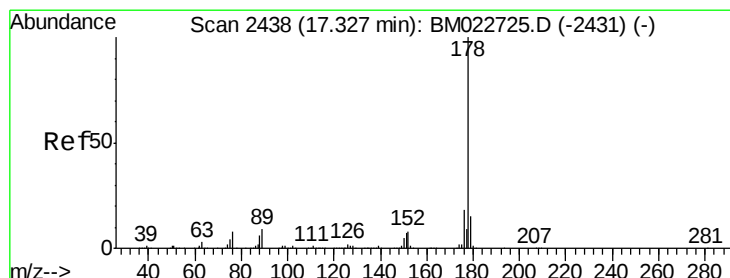
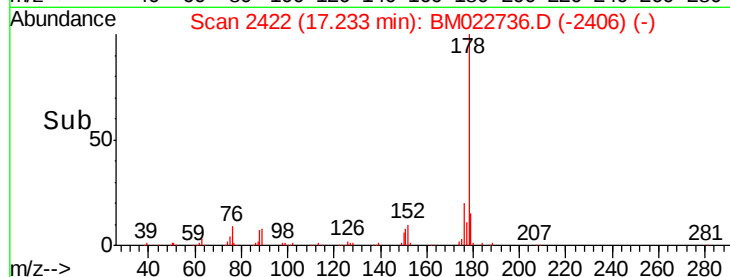
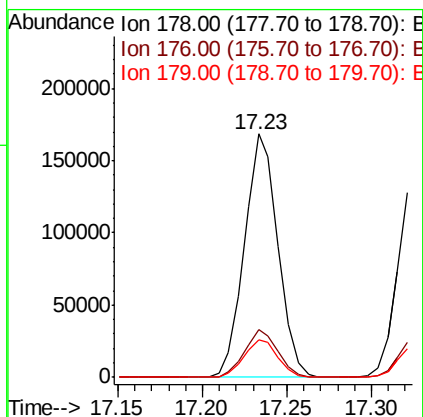
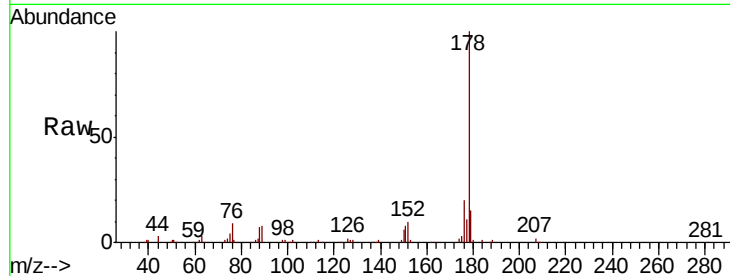
#71  
Phenanthrene  
Concen: 4.817 ng  
RT: 17.23 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.4  | 23.2  |
| 179     | 15.4  | 12.3  | 18.5  |

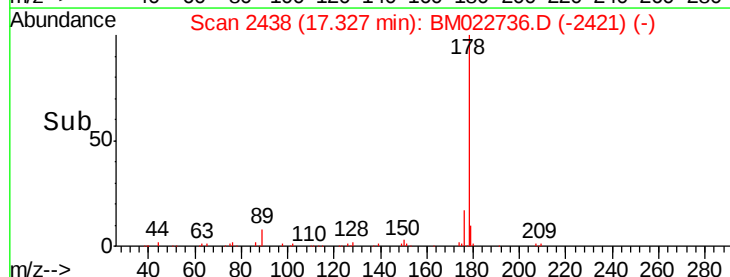
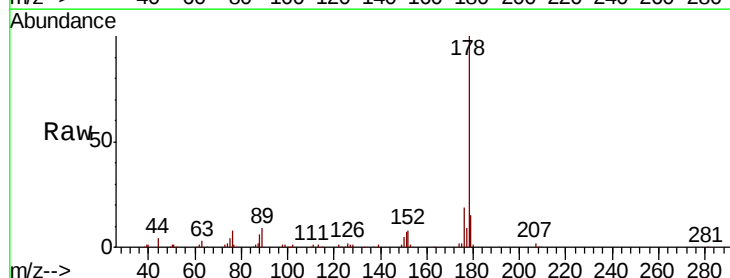
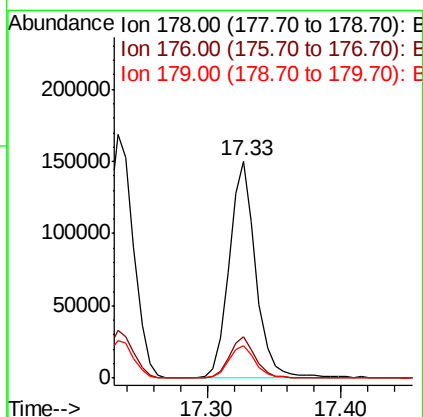
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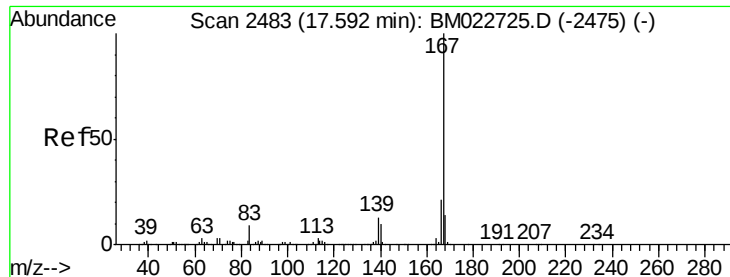
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#72  
Anthracene  
Concen: 4.480 ng  
RT: 17.33 min Scan# 2438  
Delta R.T. -0.00 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.7  | 22.1  |
| 179     | 14.7  | 12.2  | 18.4  |





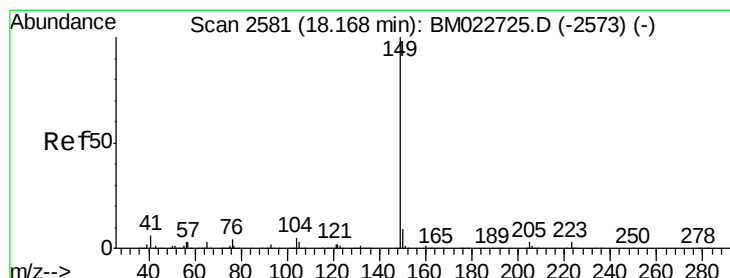
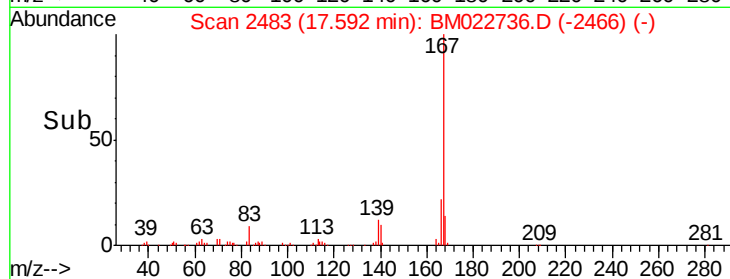
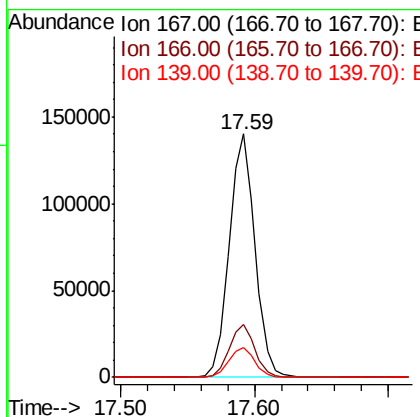
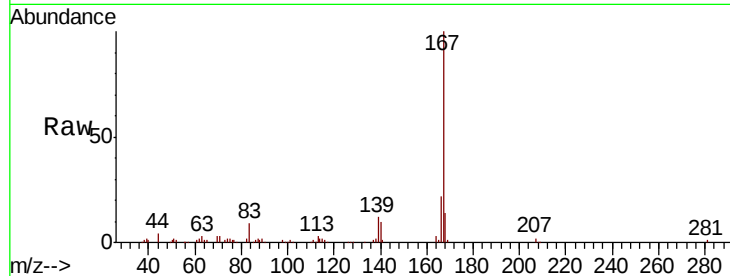
#73  
 Carbazole  
 Concen: 4.366 ng  
 RT: 17.59 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 189354 |       |       |
| 166     | 21.9  |        | 17.0  | 25.4  |
| 139     | 12.4  |        | 10.1  | 15.1  |

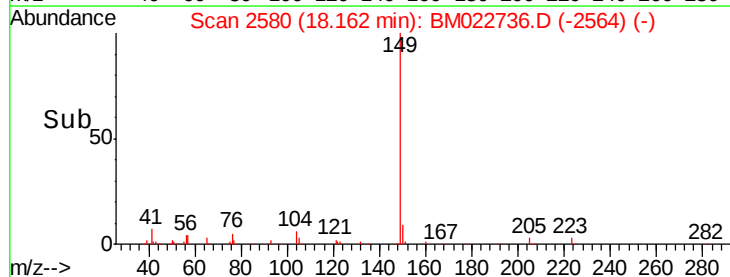
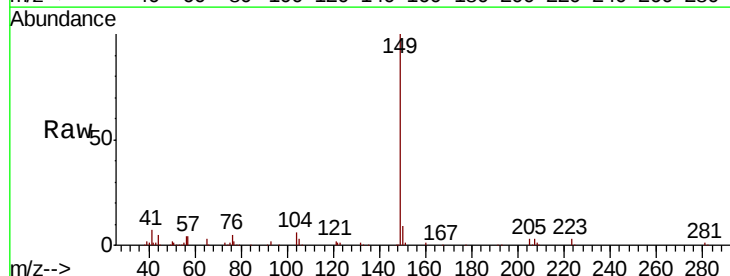
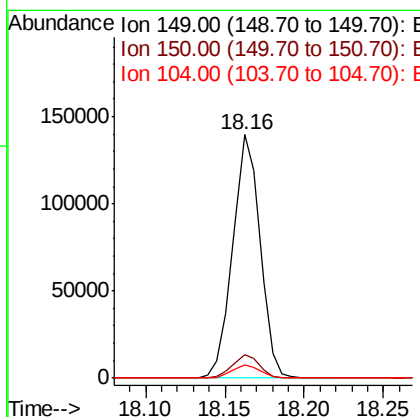
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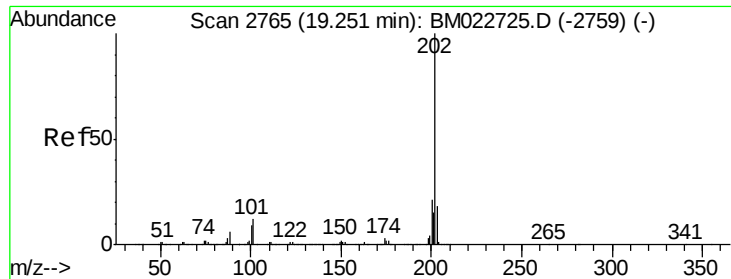
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#74  
 Di-n-butylphthalate  
 Concen: 3.405 ng  
 RT: 18.16 min Scan# 2580  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 167432 |       |       |
| 150     | 9.4   |        | 7.3   | 10.9  |
| 104     | 5.5   |        | 3.8   | 5.6   |





#75

Fluoranthene

Concen: 4.359 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

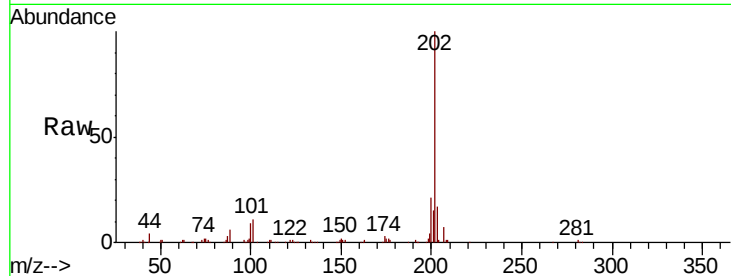
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

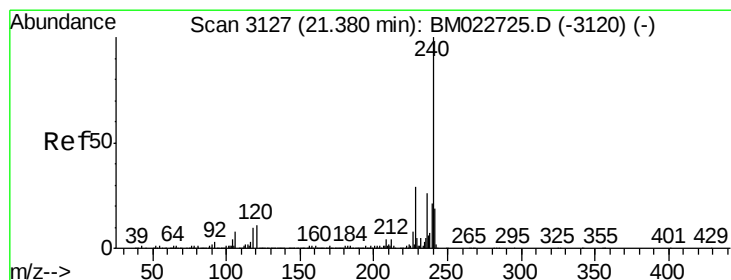
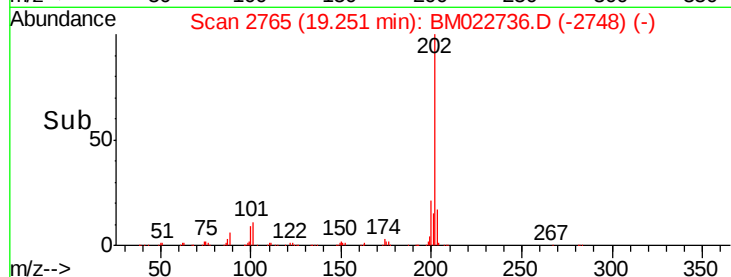
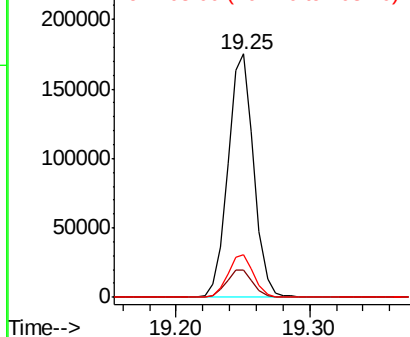
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.2  | 0.0        | 32.1  |
| 203     | 17.4  | 0.0        | 37.7  |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

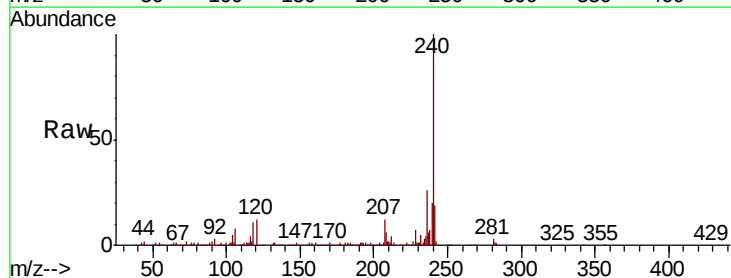
RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

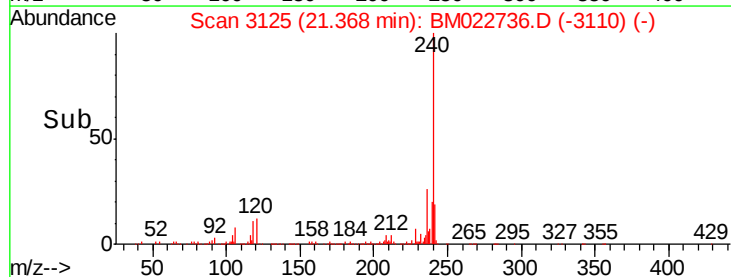
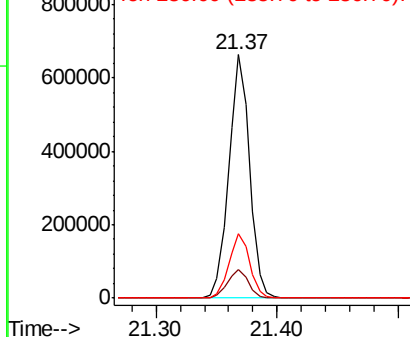
Lab File: BM022736.D

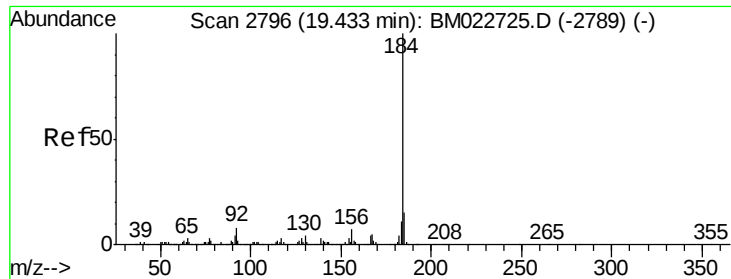
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| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 11.9  | 8.8        | 13.2  |
| 236     | 26.5  | 20.8       | 31.2  |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.582 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

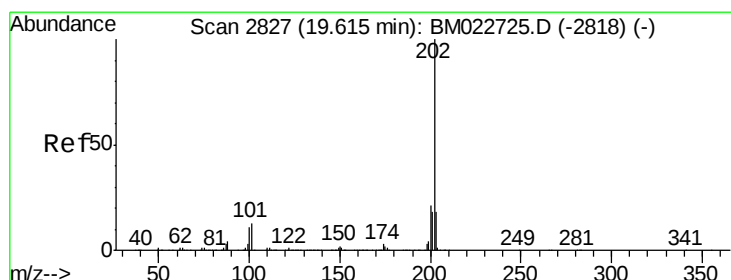
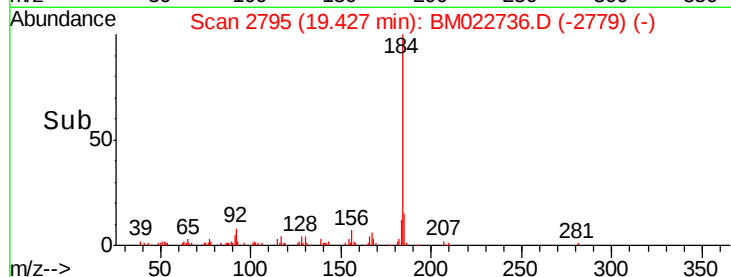
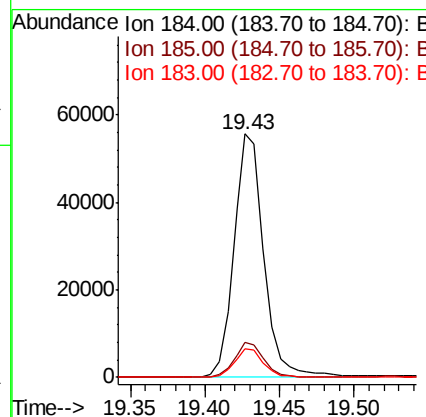
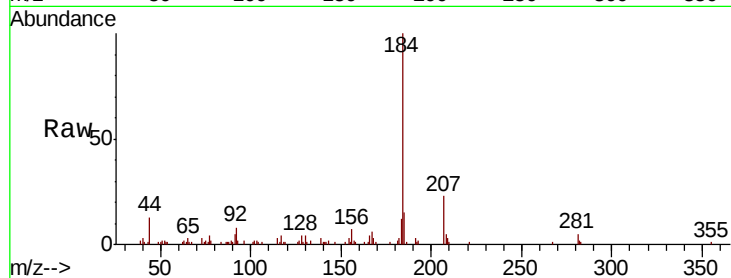
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 77768 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.6  | 11.6  | 17.4  |
| 183       | 11.6  | 9.1   | 13.7  |

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#78

Pyrene

Concen: 4.845 ng

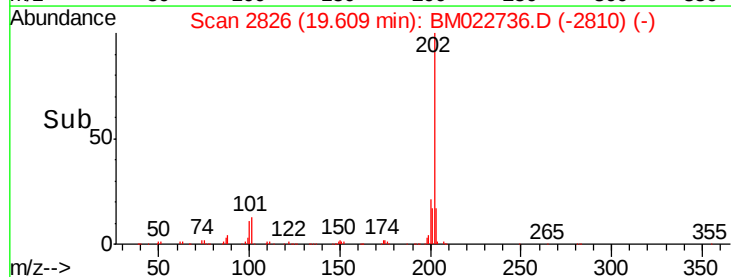
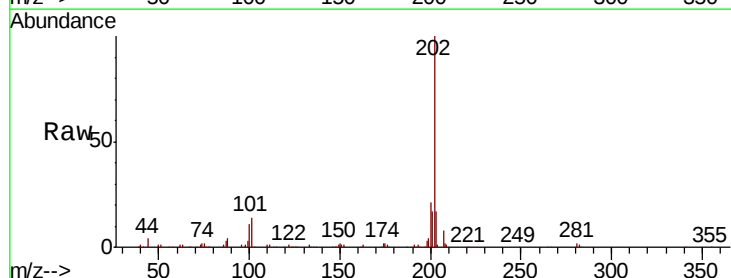
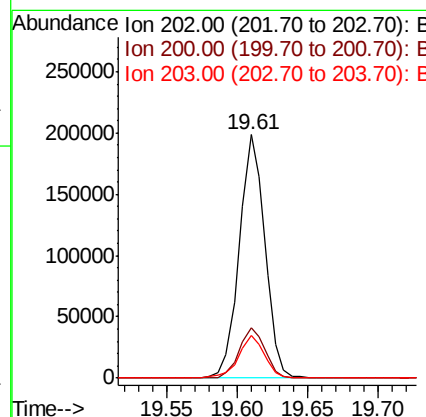
RT: 19.61 min Scan# 2826

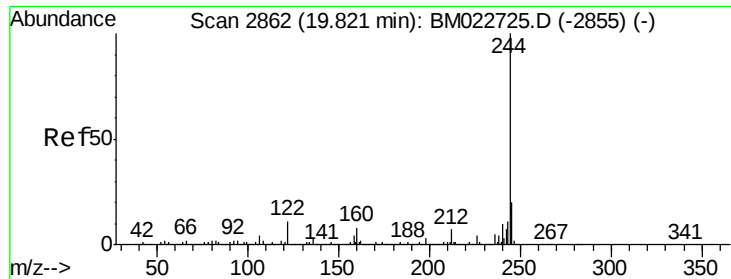
Delta R.T. -0.01 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 251286 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.5  | 16.7  | 25.1   |
| 203       | 17.3  | 14.1  | 21.1   |





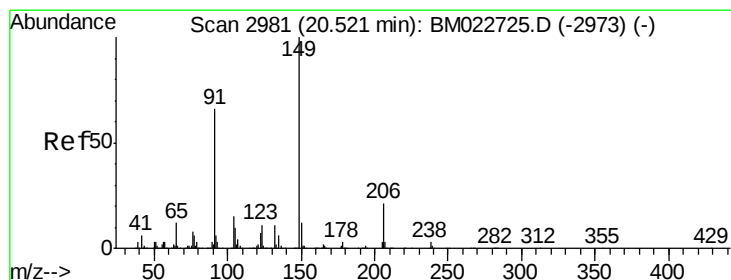
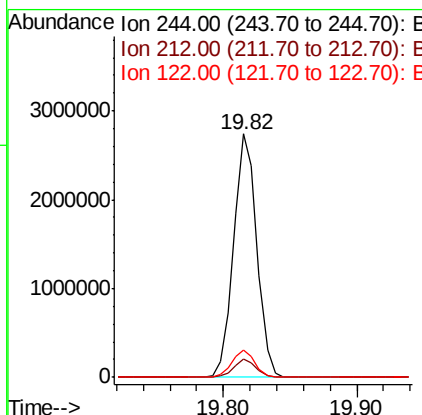
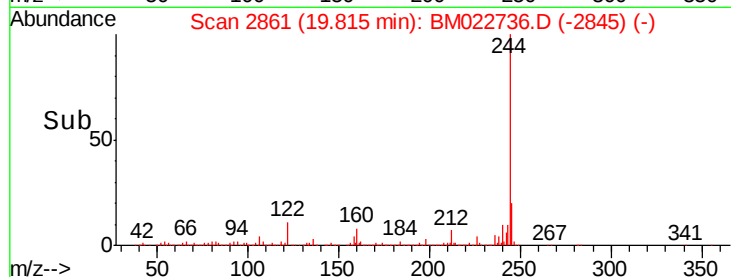
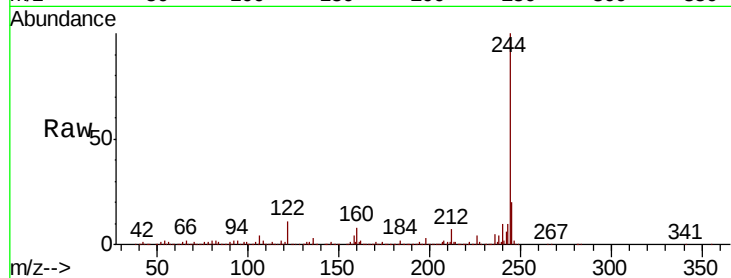
#79  
 Terphenyl-d14  
 Concen: 81.482 ng  
 RT: 19.82 min Scan# 2861  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:244 Resp: 3330063  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 11.4 9.0 13.4

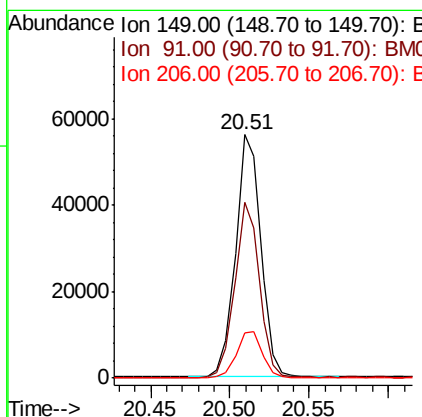
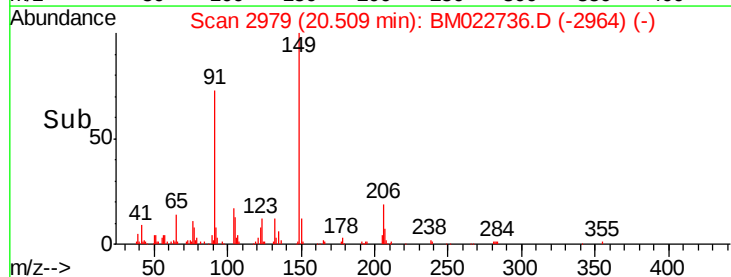
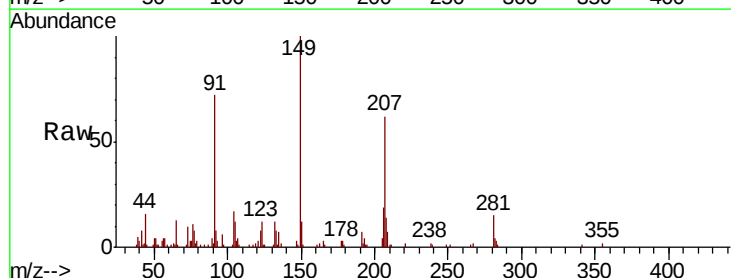
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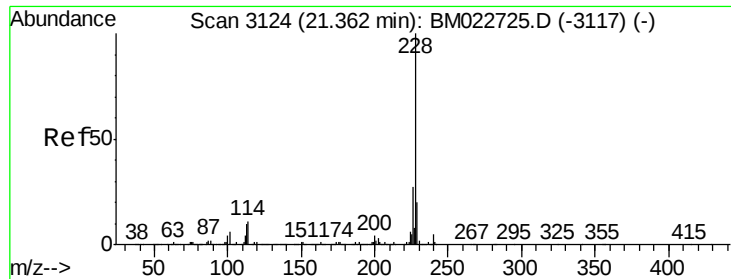
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#80  
 Butylbenzylphthalate  
 Concen: 3.133 ng  
 RT: 20.51 min Scan# 2979  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Tgt Ion:149 Resp: 61743  
 Ion Ratio Lower Upper  
 149 100  
 91 72.3 53.0 79.4  
 206 18.6 16.9 25.3





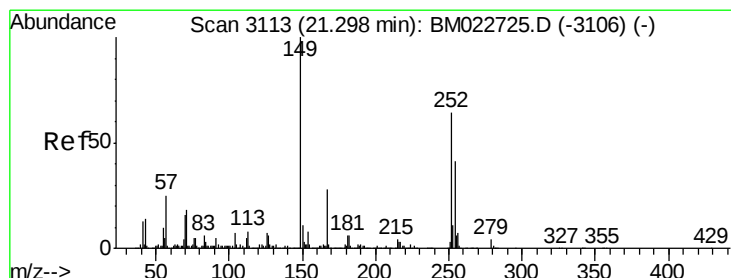
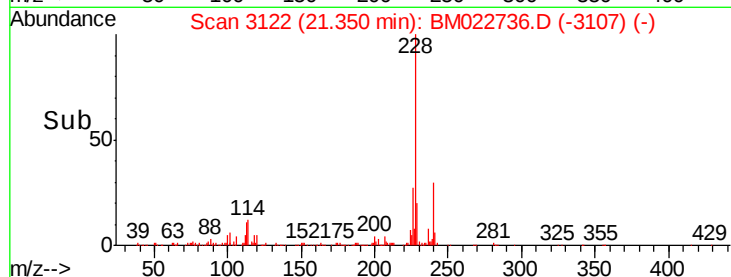
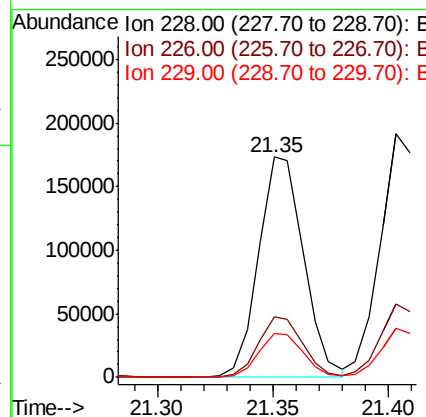
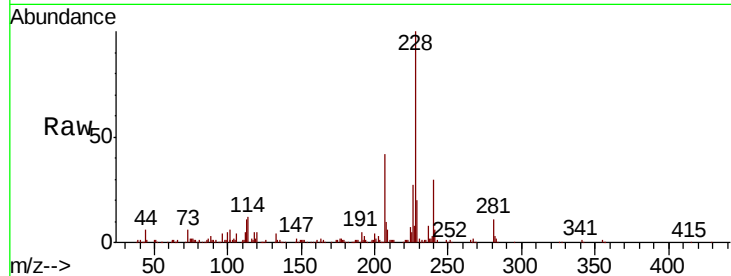
#81  
Benzo(a)anthracene  
Concen: 4.585 ng  
RT: 21.35 min Scan# 3122  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.0  | 33.0  |
| 229     | 20.0  | 15.9  | 23.9  |

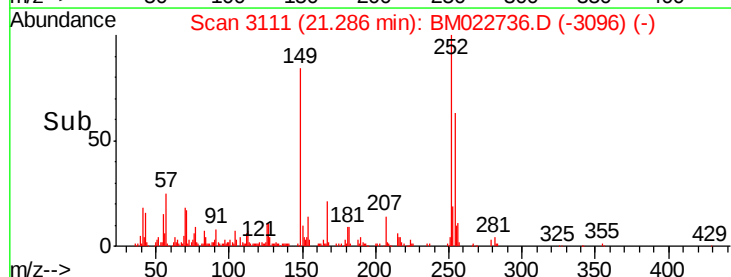
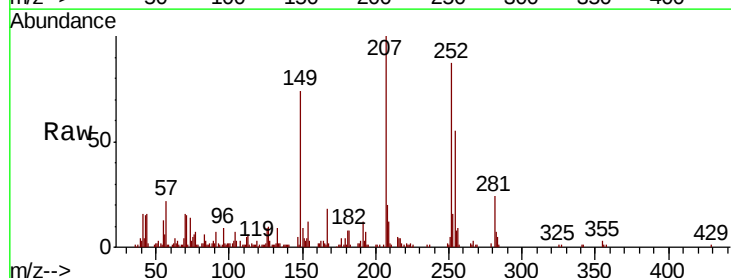
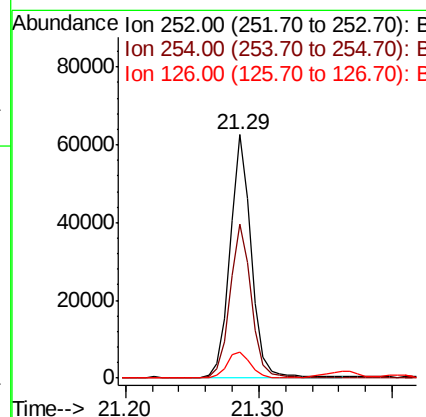
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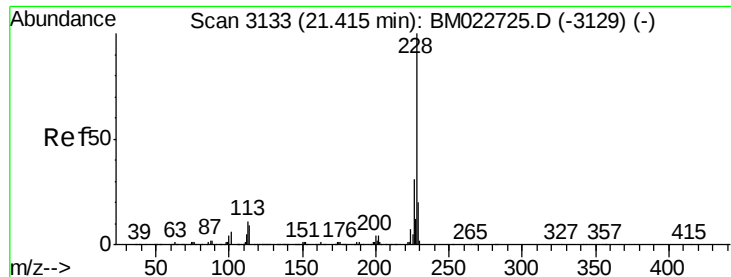
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#82  
3,3'-Dichlorobenzidine  
Concen: 3.904 ng  
RT: 21.29 min Scan# 3111  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 51.7  | 77.5  |
| 126     | 10.8  | 8.3   | 12.5  |





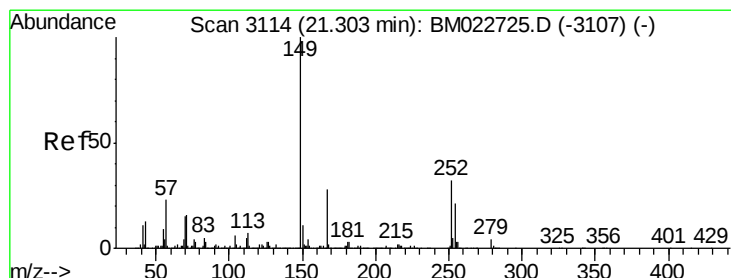
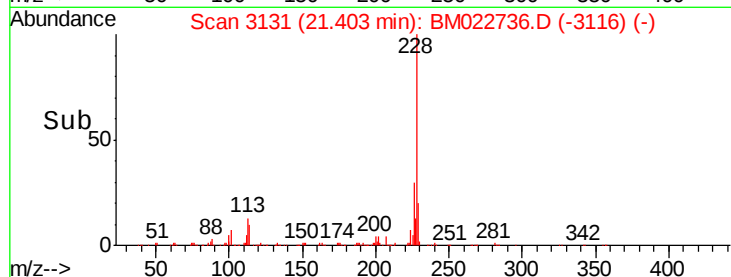
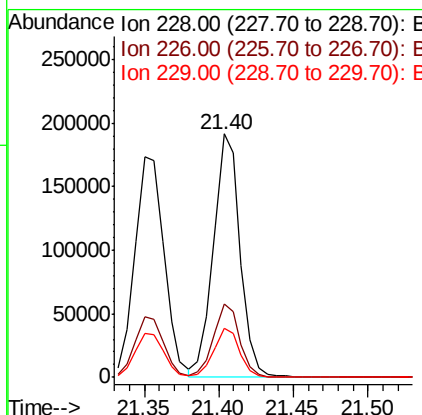
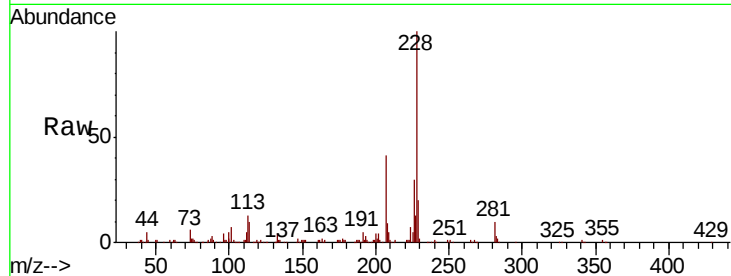
#83  
 Chrysene  
 Concen: 4.803 ng  
 RT: 21.40 min Scan# 3131  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.5  | 36.7  |
| 229     | 19.9  | 15.9  | 23.9  |

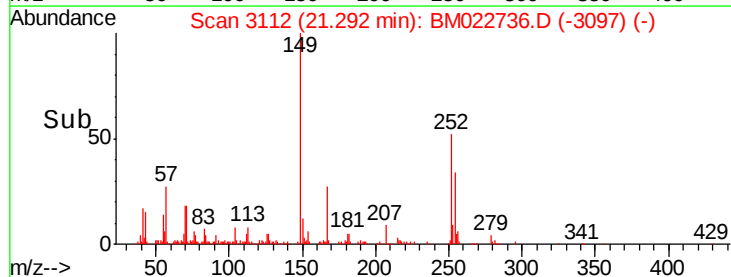
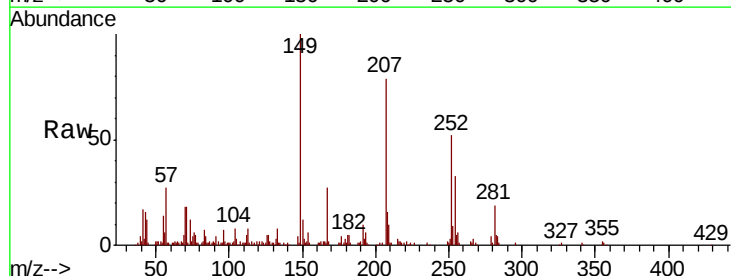
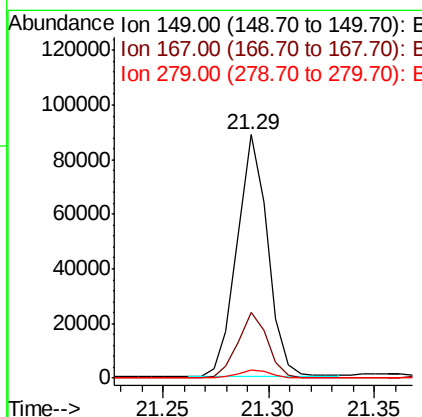
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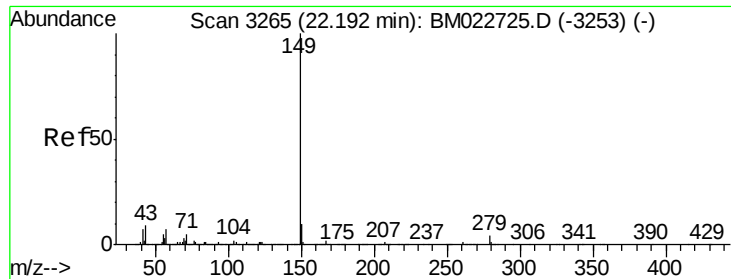
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.031 ng  
 RT: 21.29 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BM022736.D  
 Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 22.1  | 33.1  |
| 279     | 3.5   | 3.4   | 5.0   |





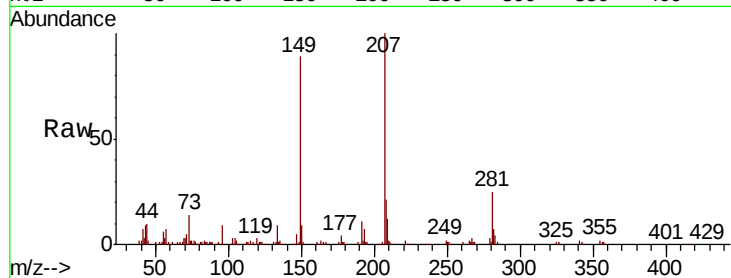
#85  
Di-n-octyl phthalate  
Concen: 2.894 ng  
RT: 22.18 min Scan# 3263  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 134701 |       |       |
| 167     | 1.6   | 1.3    | 1.9   |       |
| 43      | 11.2  | 7.4    | 11.0  |       |

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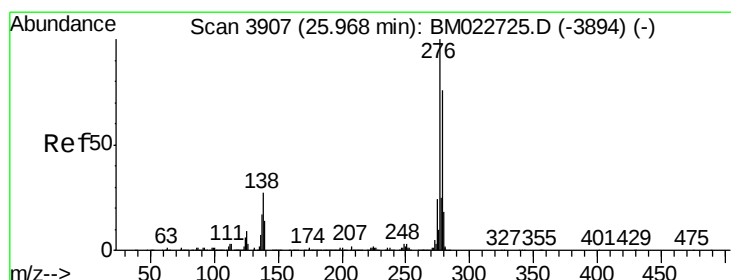
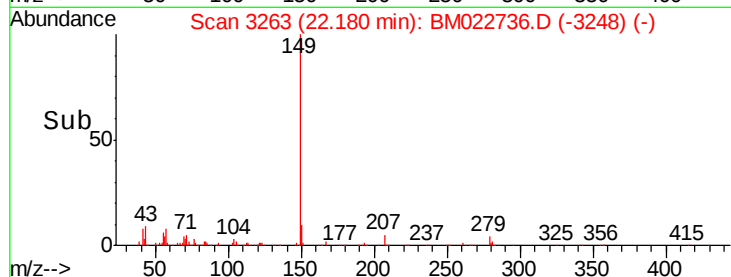
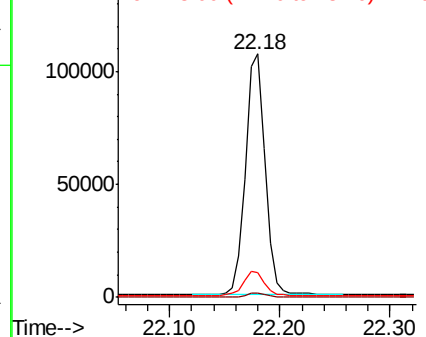


Abundance

Ion 149.00 (148.70 to 149.70): E

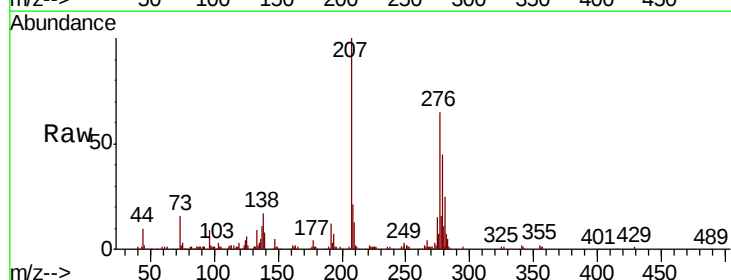
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 4.282 ng  
RT: 25.94 min Scan# 3903  
Delta R.T. -0.02 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 254108 |       |       |
| 138     | 27.4  | 0.0    | 0.0   |       |
| 277     | 25.0  | 0.0    | 0.0   |       |

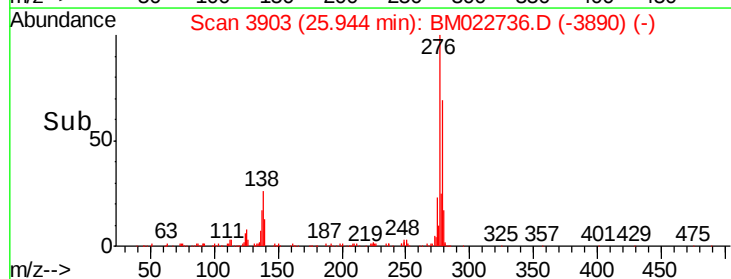
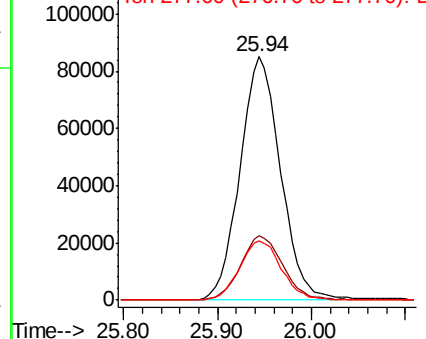


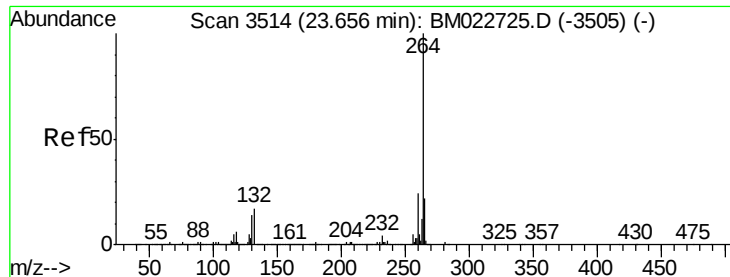
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022736.D

Acq: 20 Sep 2019 21:32

Instrument :

BNA\_M

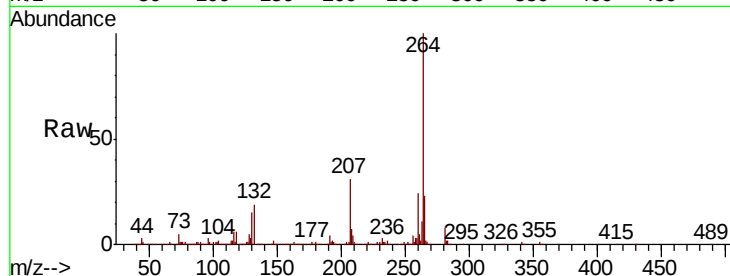
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

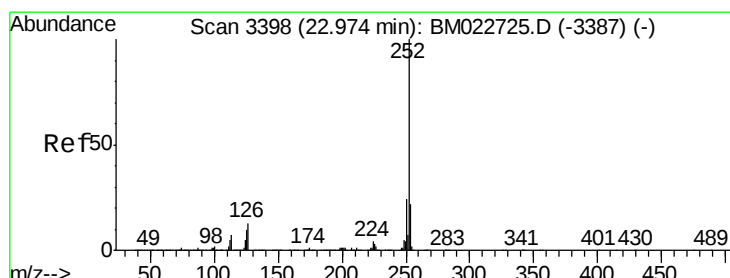
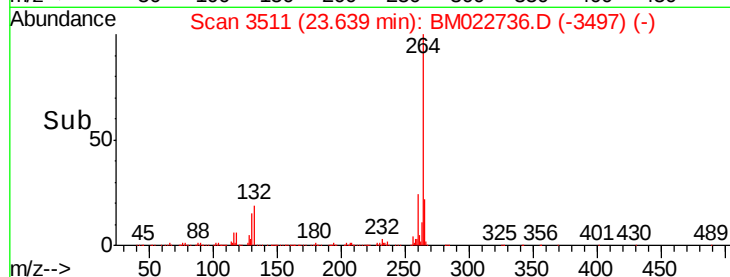
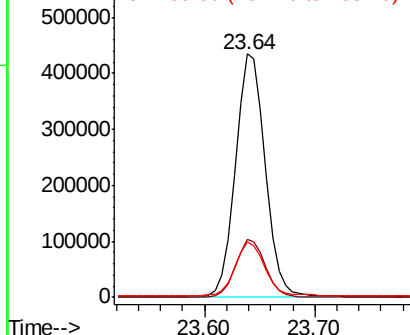
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 828672 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.7  | 19.1  | 28.7   |
| 265       | 22.6  | 17.9  | 26.9   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.634 ng

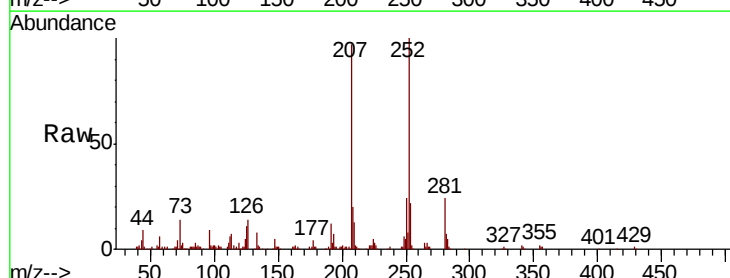
RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

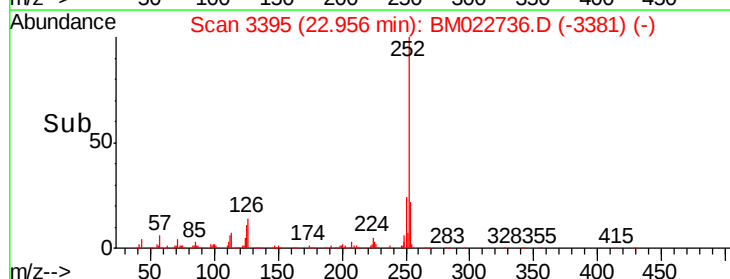
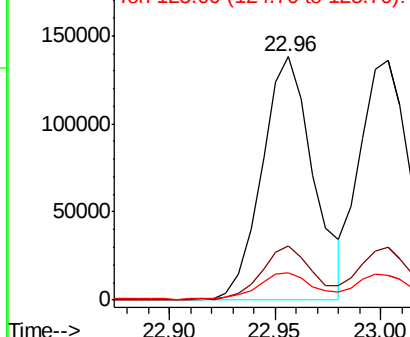
Lab File: BM022736.D

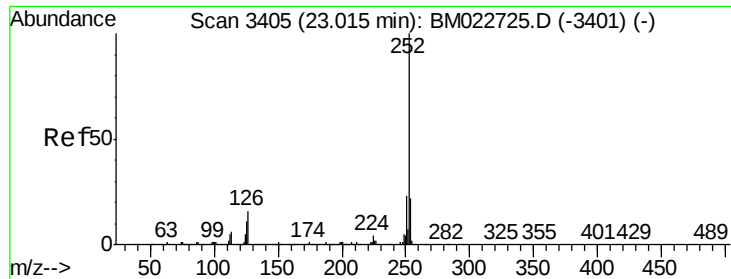
Acq: 20 Sep 2019 21:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 232501 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.7  | 26.5   |
| 125       | 11.2  | 8.2   | 12.4   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





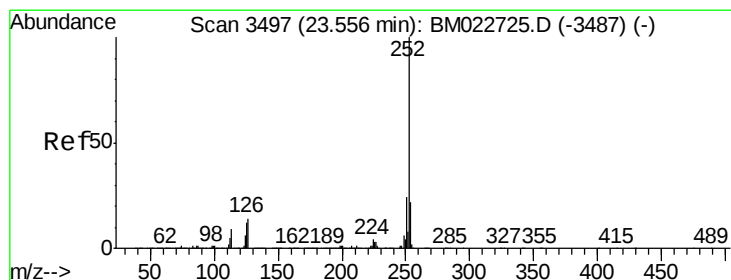
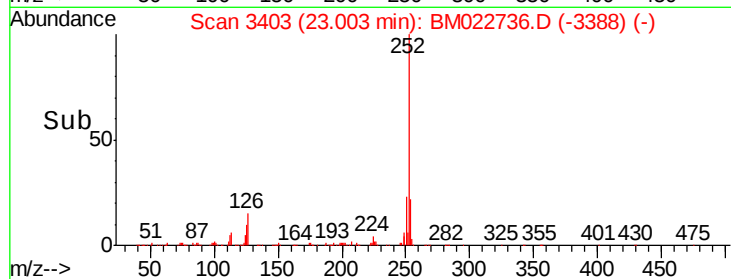
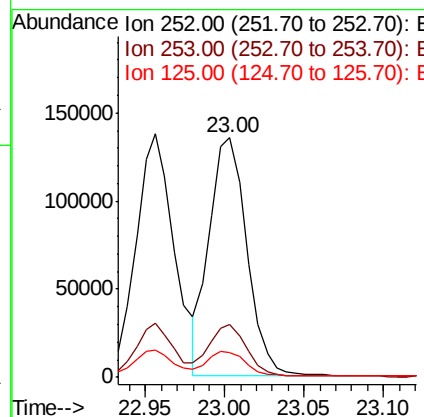
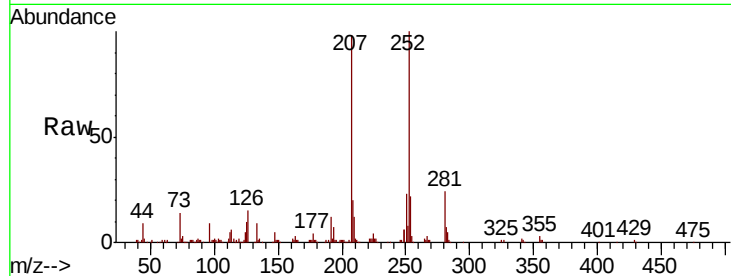
#89  
Benzo(k)fluoranthene  
Concen: 4.483 ng  
RT: 23.00 min Scan# 3403  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.7  | 26.5  |
| 125     | 10.3  | 8.5   | 12.7  |

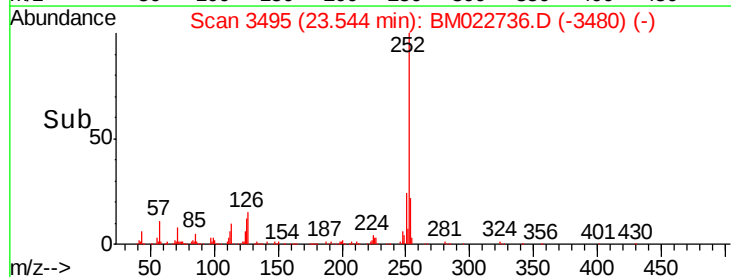
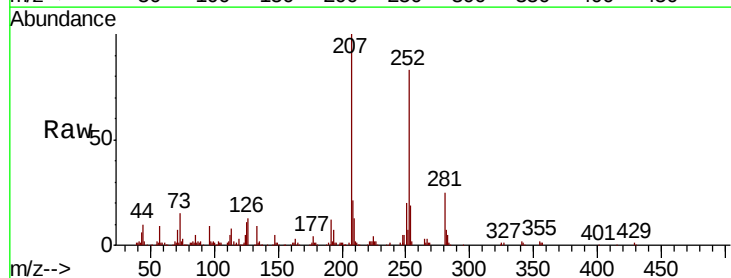
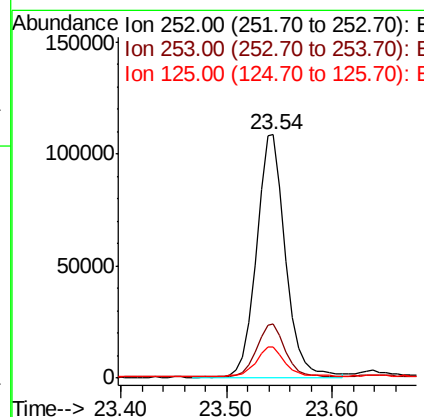
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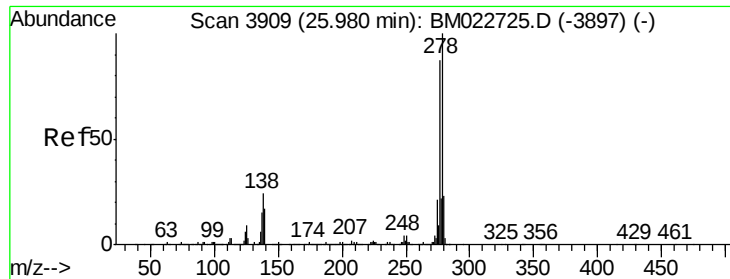
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#90  
Benzo(a)pyrene  
Concen: 4.460 ng  
RT: 23.54 min Scan# 3495  
Delta R.T. -0.01 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.3  | 25.9  |
| 125     | 12.7  | 9.3   | 13.9  |





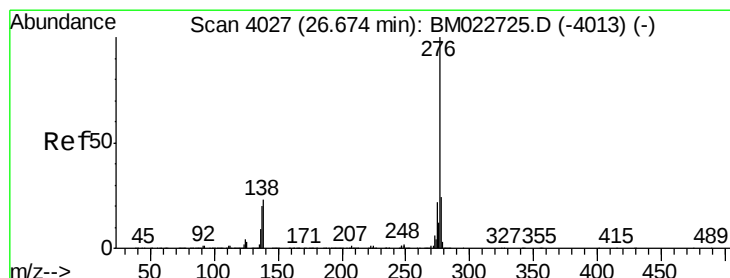
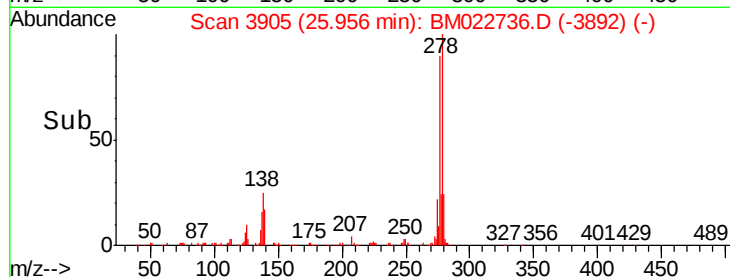
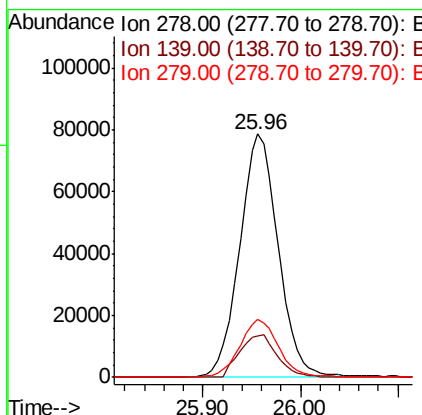
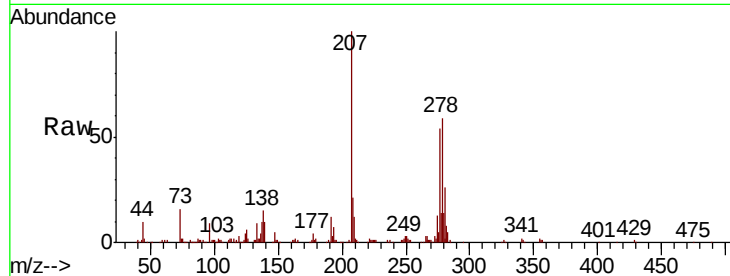
#91  
Dibenzo(a,h)anthracene  
Concen: 4.494 ng  
RT: 25.96 min Scan# 3905  
Delta R.T. -0.02 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.8  | 13.7  | 20.5  |
| 279     | 23.7  | 18.6  | 28.0  |

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#92  
Benzo(g,h,i)perylene  
Concen: 4.557 ng  
RT: 26.64 min Scan# 4022  
Delta R.T. -0.03 min  
Lab File: BM022736.D  
Acq: 20 Sep 2019 21:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 19.1  | 28.7  |
| 138     | 22.6  | 18.5  | 27.7  |

