Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017182.D
Acq On : 18 Oct 2018 07:21
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8 PPM
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:04:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 192806 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.45 | 136 | 808009 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.31 | 164 | 464088 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.06 | 188 | 1107477 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.25 | 240 | 1319105 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 23.47 | 264 | 1359123 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 1653781 | 145.07 | ng | | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 2177856 | 140.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 1219803 | 88.29 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.81 | 330 | 961885 | 153.26 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.93 | 172 | 2917834 | 83.65 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.70 | 244 | 4650627 | 79.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 39901 | 6.855 | ng | # | 84 |
| 3) Pyridine | 3.65 | 79 | 102286 | 7.637 | ng | # | 82 |
| 4) n-Nitrosodimethylamine | 3.56 | 42 | 45207 | 8.408 | ng | # | 71 |
| 6) Aniline | 7.01 | 93 | 119574 | 6.157 | ng | | 95 |
| 8) 2-Chlorophenol | 7.24 | 128 | 107115 | 8.122 | ng | | 98 |
| 9) Benzaldehyde | 6.83 | 77 | 79526 | 8.033 | ng | | 93 |
| 10) Phenol | 6.88 | 94 | 133096 | 7.965 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 98401 | 7.387 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.56 | 146 | 119107 | 7.748 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 120602 | 7.678 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.02 | 146 | 115468 | 7.630 | ng | | 98 |
| 15) Benzyl Alcohol | 7.92 | 79 | 87005 | 7.667 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 133488 | 7.173 | ng | | 99 |
| 17) 2-Methylphenol | 8.11 | 107 | 85184 | 7.942 | ng | | 95 |
| 18) Hexachloroethane | 8.73 | 117 | 40566 | 7.547 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 77241 | 7.556 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.43 | 107 | 111461 | 7.598 | ng | | 97 |
| 22) Acetophenone | 8.49 | 105 | 156700 | 7.651 | ng | # | 98 |
| 24) Nitrobenzene | 8.86 | 77 | 125809 | 8.609 | ng | | 93 |
| 25) Isophorone | 9.39 | 82 | 197756 | 8.668 | ng | | 96 |
| 26) 2-Nitrophenol | 9.57 | 139 | 45076 | 11.511 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 92745 | 9.194 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.87 | 93 | 131181 | 8.170 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.10 | 162 | 89511 | 7.642 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.31 | 180 | 110880 | 7.892 | ng | | 95 |
| 31) Naphthalene | 10.49 | 128 | 332518 | 8.398 | ng | | 99 |
| 32) Benzoic acid | 9.71 | 122 | 35767 | 4.752 | ng | | 94 |
| 33) 4-Chloroaniline | 10.62 | 127 | 95492 | 5.584 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.77 | 225 | 67563 | 7.589 | ng | | 99 |
| 35) Caprolactam | 11.39 | 113 | 25212 | 5.907 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.74 | 107 | 101983 | 7.725 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 243161 | 8.974 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 228894 | 8.679 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 126522 | 7.741 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017182.D
Acq On : 18 Oct 2018 07:21
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8 PPM
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:04:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.46 | 237 | 76146 | 9.637 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 74681 | 7.872 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 81142 | 7.976 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.14 | 154 | 312630 | 7.486 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.18 | 162 | 238970 | 7.778 | ng | | 98 |
| 48) 2-Nitroaniline | 13.39 | 65 | 56967 | 11.473 | ng | | 98 |
| 49) Acenaphthylene | 14.03 | 152 | 378475 | 8.499 | ng | | 100 |
| 50) Dimethylphthalate | 13.77 | 163 | 303204 | 8.468 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.89 | 165 | 57702 | 7.322 | ng | # | 85 |
| 52) Acenaphthene | 14.37 | 154 | 230671 | 8.249 | ng | | 95 |
| 53) 3-Nitroaniline | 14.23 | 138 | 45032 | 5.276 | ng | # | 89 |
| 54) 2,4-Dinitrophenol | 14.43 | 184 | 25613 | 13.197 | ng | | 93 |
| 55) Dibenzofuran | 14.71 | 168 | 375384 | 8.073 | ng | | 98 |
| 56) 4-Nitrophenol | 14.54 | 139 | 45401 | 10.209 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 14.69 | 165 | 75869 | 7.163 | ng | | 88 |
| 58) Fluorene | 15.36 | 166 | 295202 | 8.577 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 77403 | 8.346 | ng | | 97 |
| 60) Diethylphthalate | 15.15 | 149 | 297478 | 8.378 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 156103 | 7.956 | ng | | 97 |
| 62) 4-Nitroaniline | 15.39 | 138 | 58138 | 10.254 | ng | | 91 |
| 63) Azobenzene | 15.66 | 77 | 267786 | 7.759 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 39122 | 11.701 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.58 | 169 | 259673 | 7.750 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.26 | 248 | 94677 | 7.786 | ng | | 93 |
| 68) Hexachlorobenzene | 16.36 | 284 | 109005 | 7.717 | ng | | 97 |
| 69) Atrazine | 16.53 | 200 | 90788 | 7.571 | ng | | 98 |
| 70) Pentachlorophenol | 16.72 | 266 | 51752 | 5.348 | ng | | 98 |
| 71) Phenanthrene | 17.10 | 178 | 500506 | 8.376 | ng | | 98 |
| 72) Anthracene | 17.19 | 178 | 484528 | 8.534 | ng | | 99 |
| 73) Carbazole | 17.47 | 167 | 428983 | 7.397 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.04 | 149 | 449997 | 7.357 | ng | | 99 |
| 75) Fluoranthene | 19.12 | 202 | 586664 | 8.725 | ng | | 99 |
| 77) Benzidine | 19.32 | 184 | 141282 | 4.224 | ng | | 99 |
| 78) Pyrene | 19.49 | 202 | 598663 | 8.120 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 188663 | 12.895 | ng | | 91 |
| 81) Benzo(a)anthracene | 21.24 | 228 | 626054 | 8.434 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.18 | 252 | 144753 | 5.232 | ng | | 100 |
| 83) Chrysene | 21.29 | 228 | 615771 | 8.381 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 288099 | 11.278 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.06 | 149 | 486778 | 11.489 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 699250 | 8.509 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 646788 | 8.704 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 598778 | 8.031 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 595587 | 8.442 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.69 | 278 | 592889 | 8.463 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.35 | 276 | 587632 | 8.463 | ng | | 99 |

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

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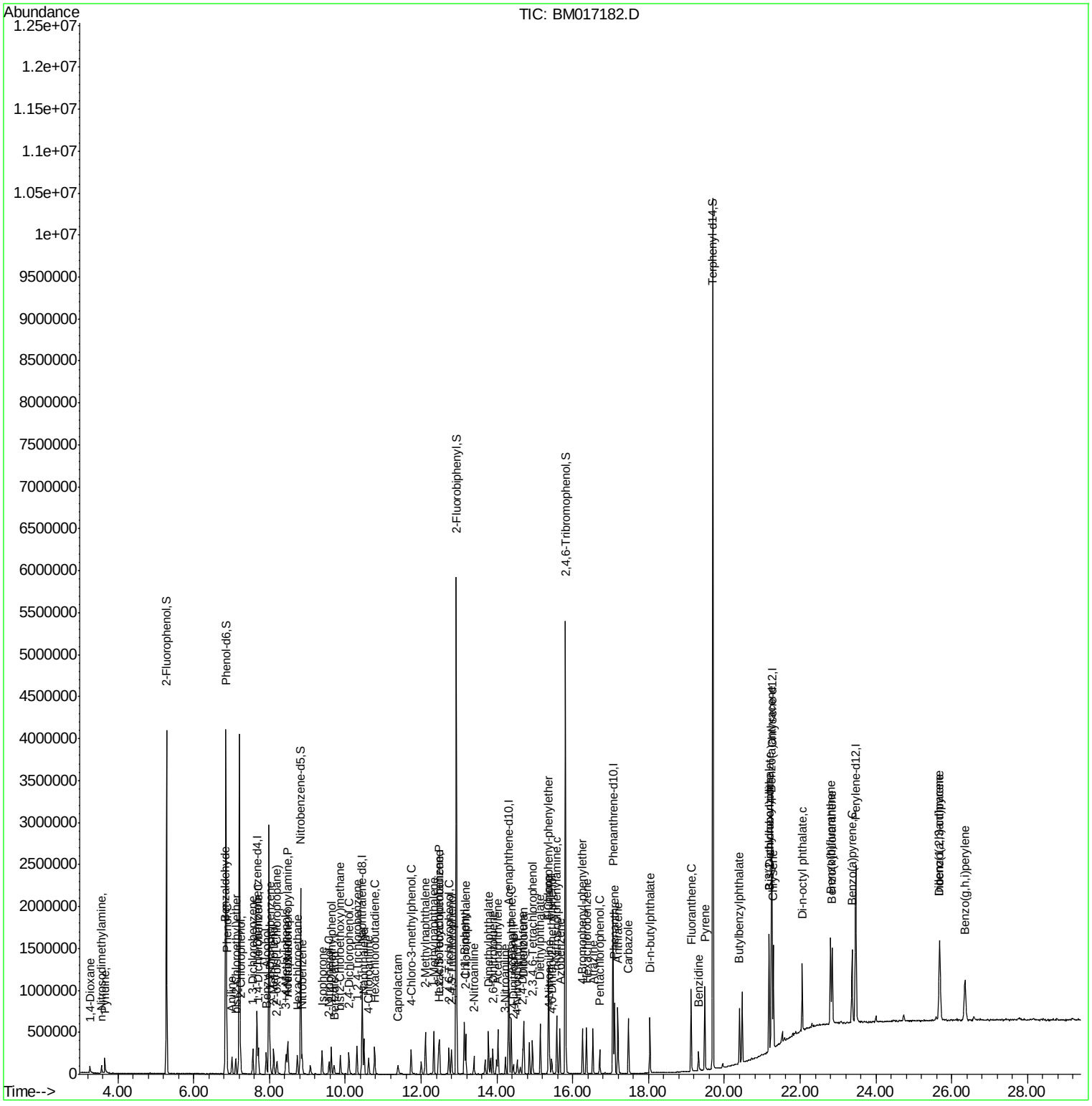
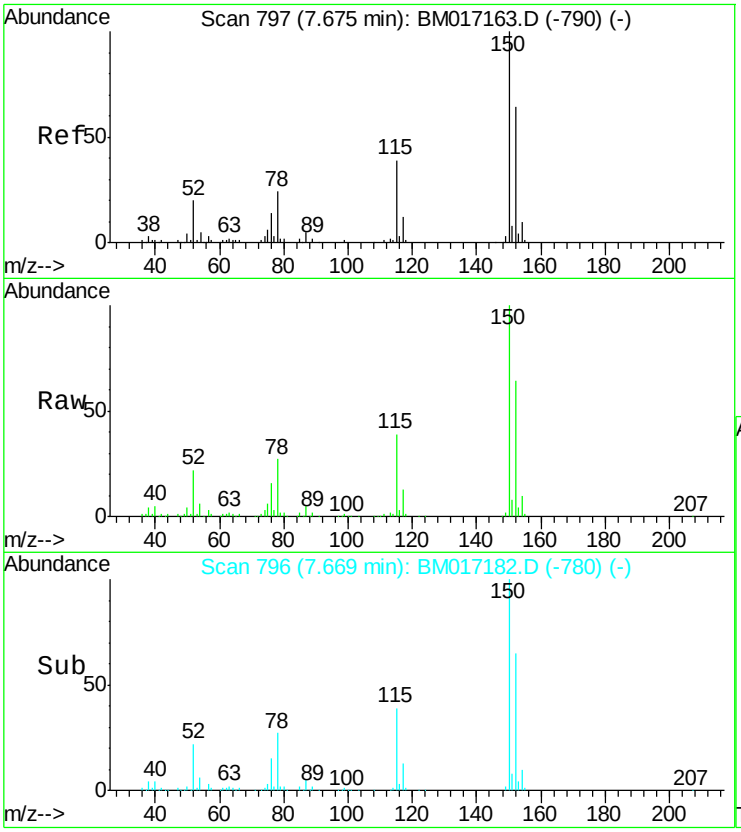
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017182.D
Acq On : 18 Oct 2018 07:21
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8 PPM
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:04:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



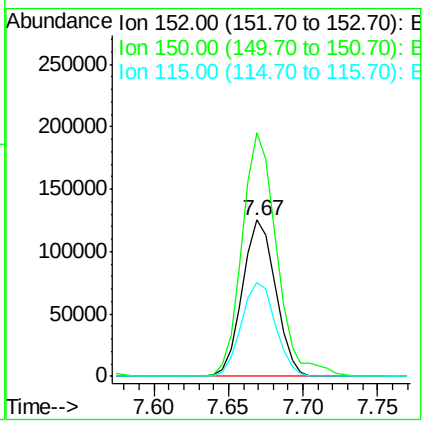


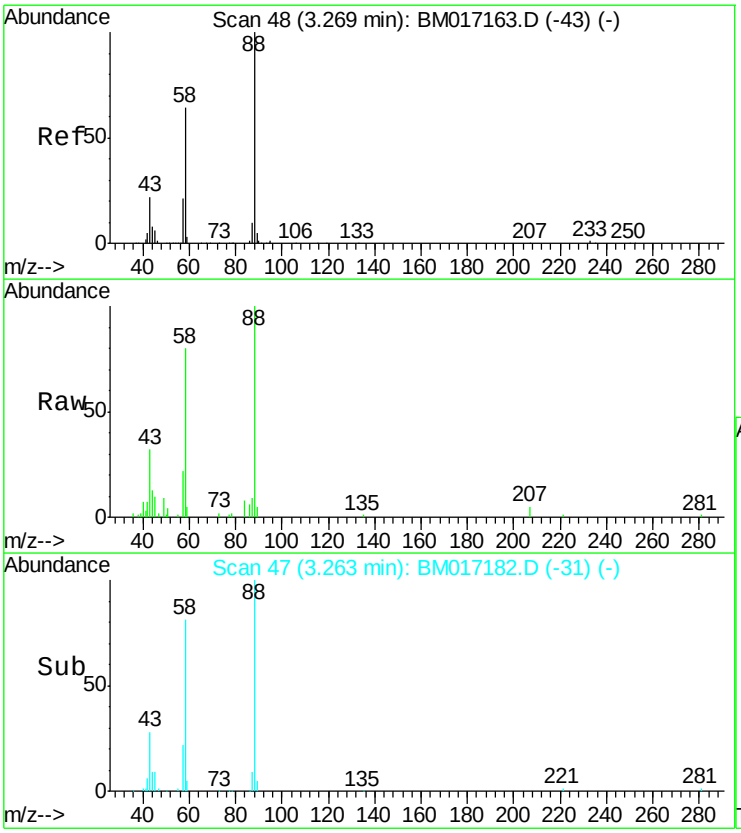

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 192806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.3 | 186.5 |
| 115 | 60.4 | 48.1 | 72.1 |

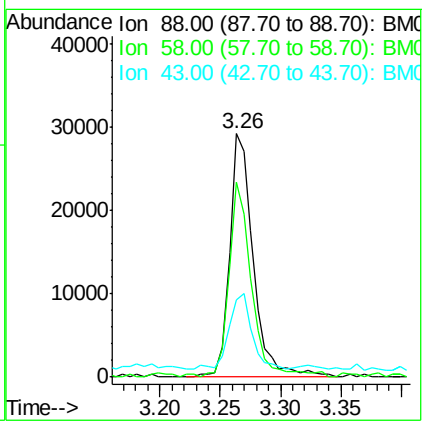


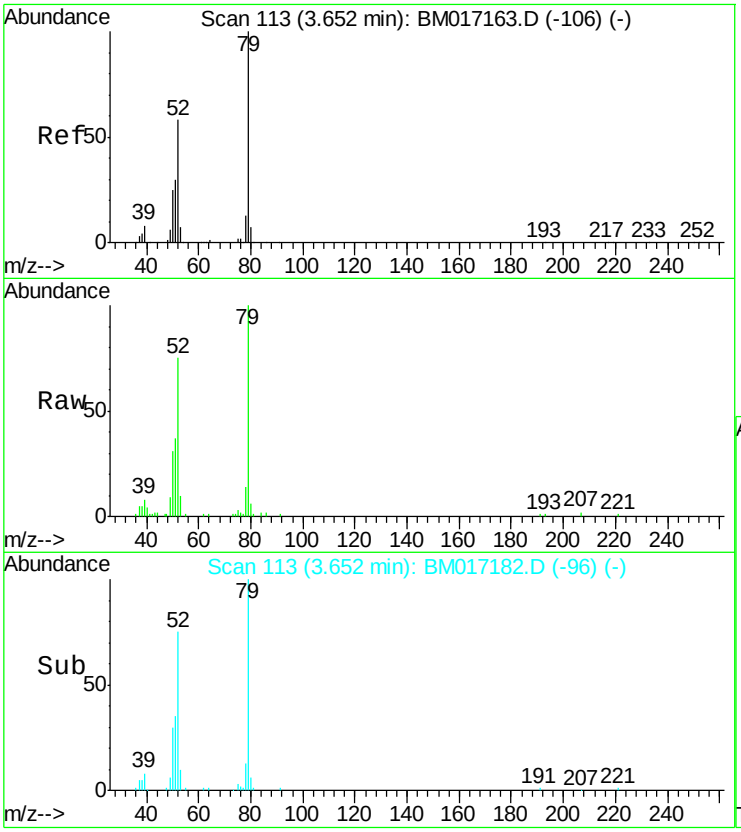




#2
1,4-Dioxane
Concen: 6.855 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 88 Resp: 39901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.4 | 50.2 | 75.4# |
| 43 | 29.5 | 19.3 | 28.9# |



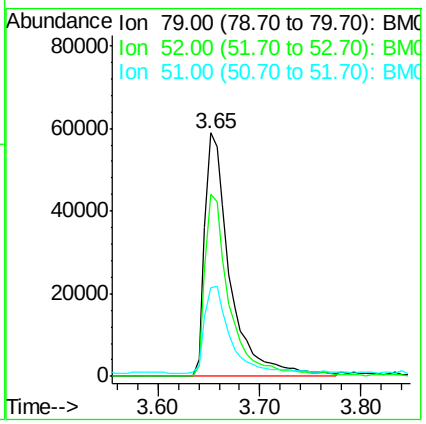


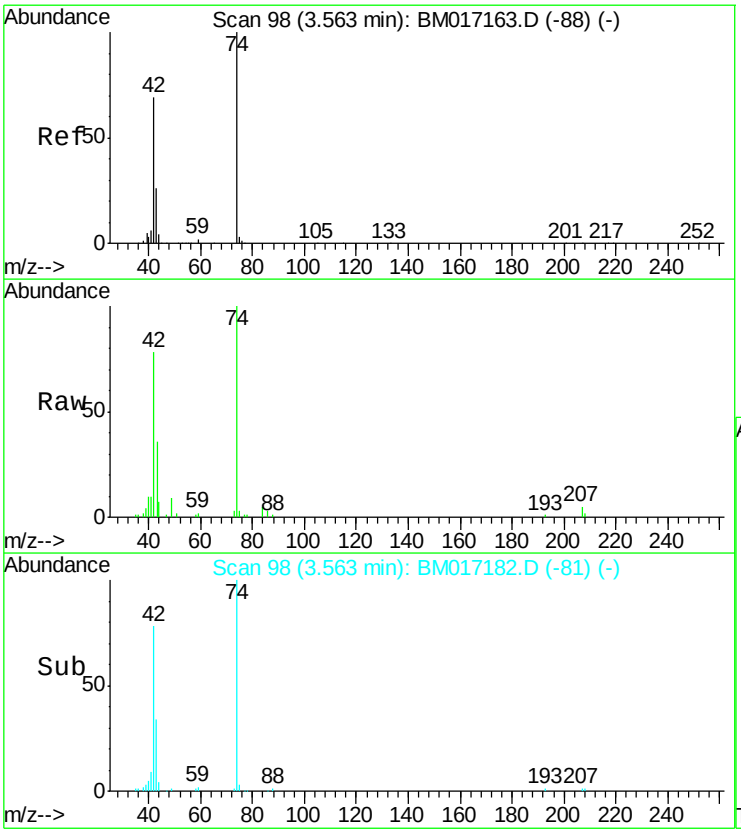

#3
Pyridine
Concen: 7.637 ng
RT: 3.65 min Scan# 113
Delta R.T. 0.00 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 79 Resp: 102286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.0 | 46.5 | 69.7# |
| 51 | 36.5 | 24.6 | 37.0 |

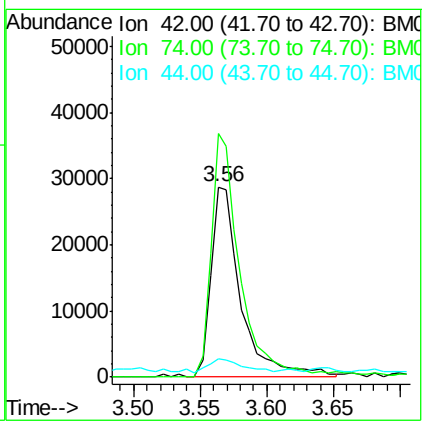


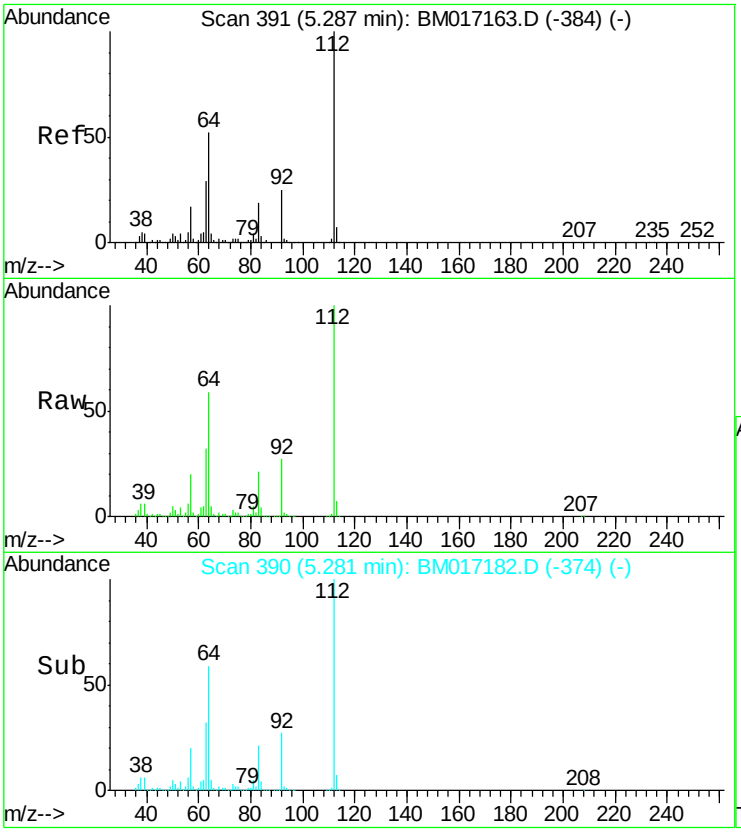




#4
n-Nitrosodimethylamine
Concen: 8.408 ng
RT: 3.56 min Scan# 98
Delta R.T. 0.00 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 42 Resp: 45207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 127.9 | 114.4 | 171.6 |
| 44 | 9.4 | 48.6 | 73.0# |



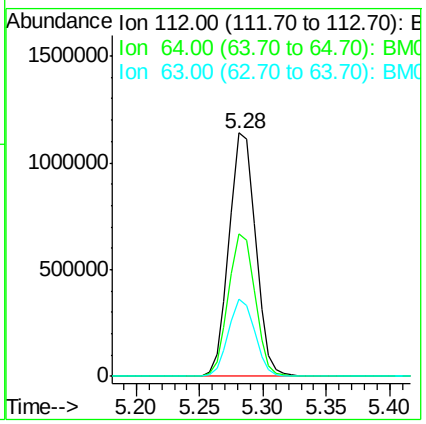


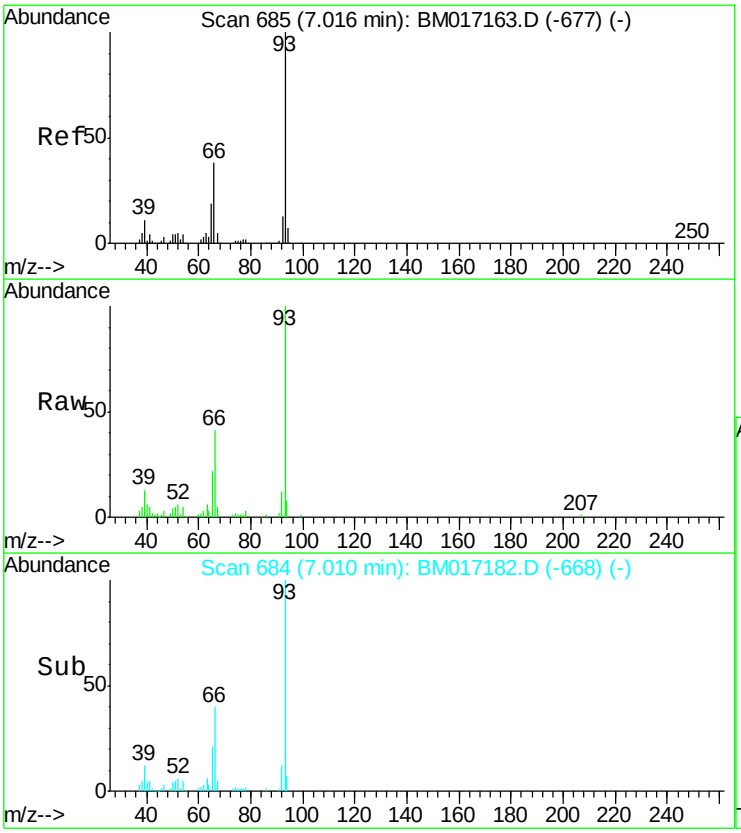

#5
2-Fluorophenol
Concen: 145.073 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:112 Resp: 1653781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.7 | 41.7 | 62.5 |
| 63 | 31.7 | 23.0 | 34.4 |

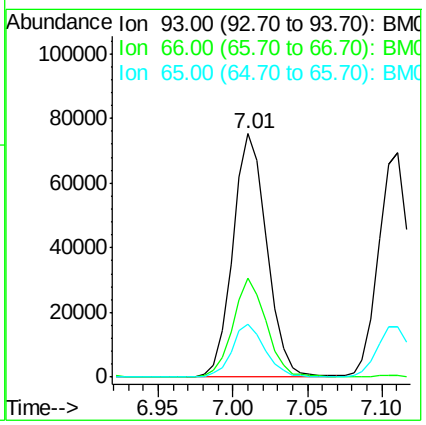


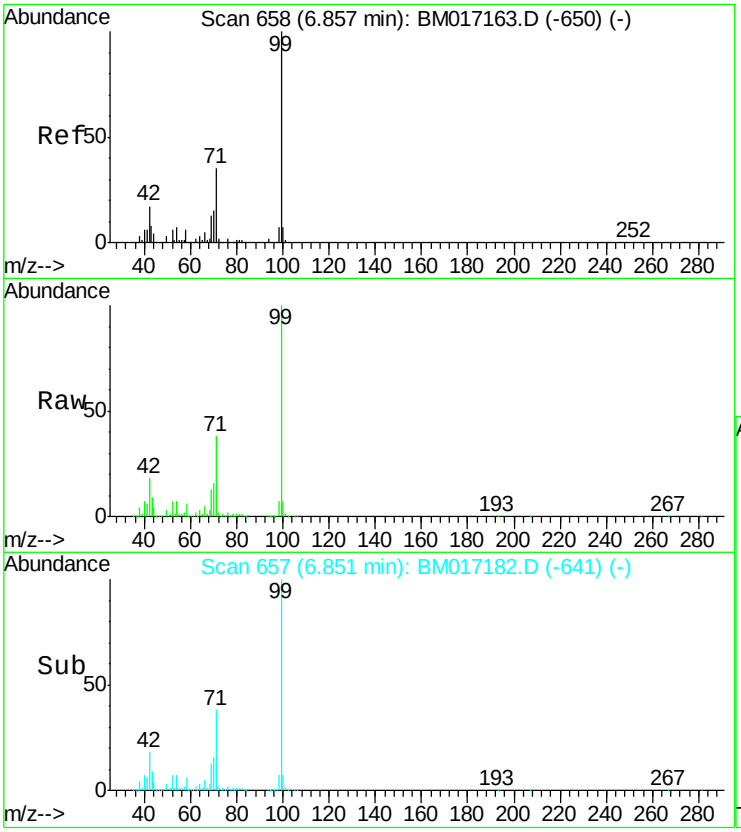




#6
Aniline
Concen: 6.157 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 93 Resp: 119574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.8 | 30.4 | 45.6 |
| 65 | 21.9 | 15.3 | 22.9 |



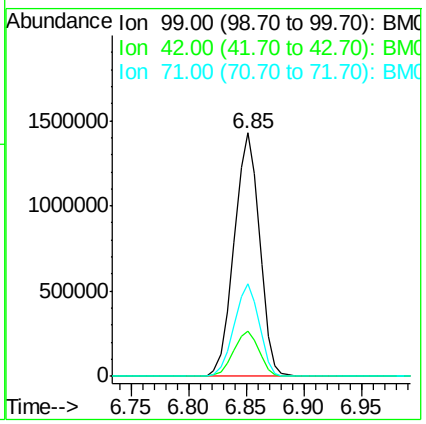


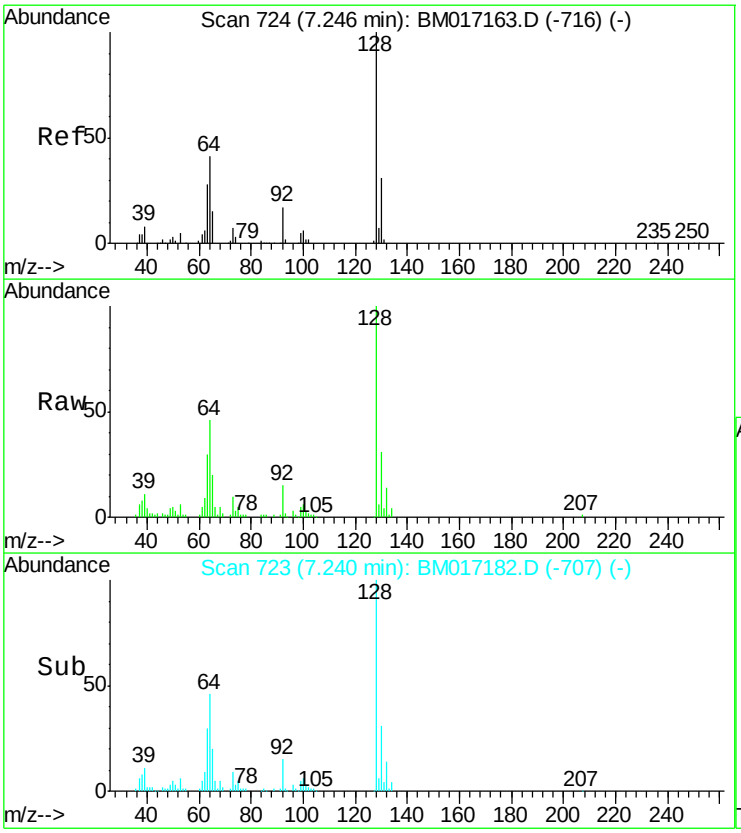

#7
Phenol-d6
Concen: 140.275 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 99 Resp: 2177856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.4 | 13.3 | 19.9 |
| 71 | 38.0 | 28.0 | 42.0 |

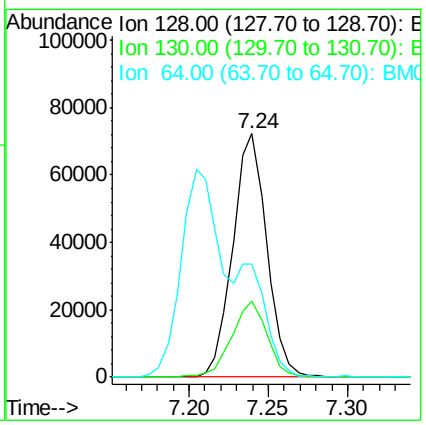


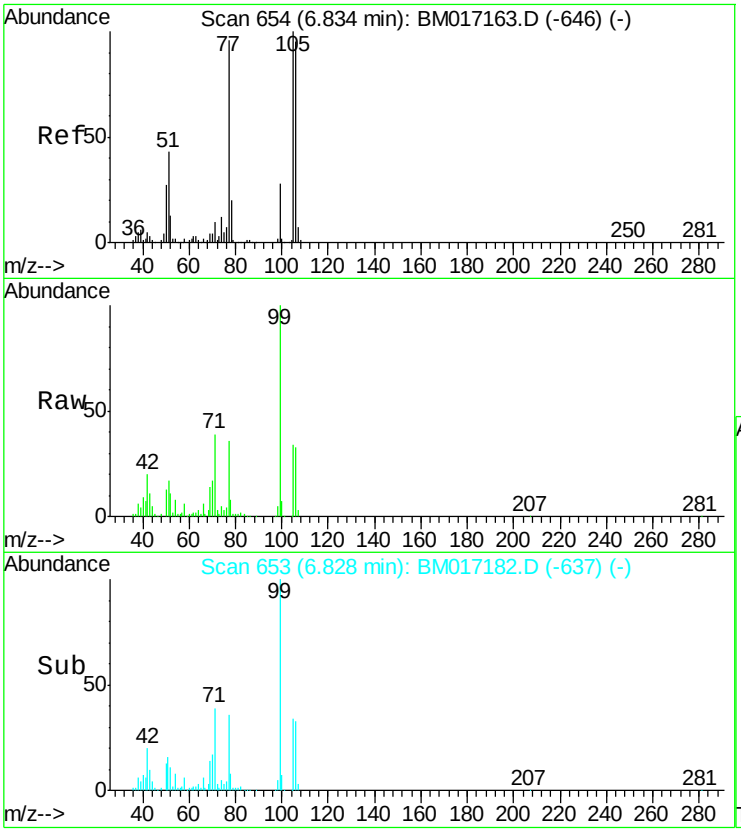




#8
2-Chlorophenol
Concen: 8.122 ng
RT: 7.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:128 Resp: 107115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 11.0 | 51.0 |
| 64 | 46.3 | 24.1 | 64.1 |



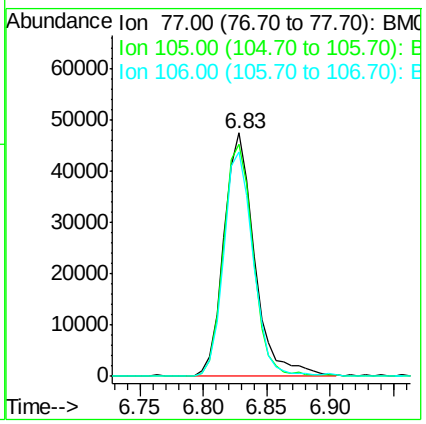


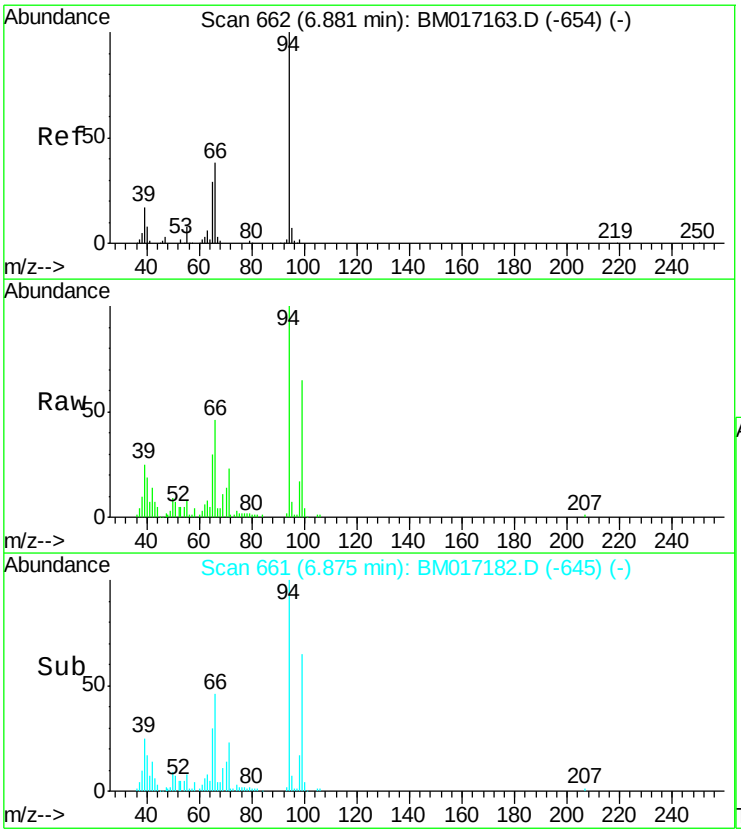

#9
Benzaldehyde
Concen: 8.033 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 79526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.5 | 83.9 | 123.9 |
| 106 | 92.2 | 78.2 | 118.2 |

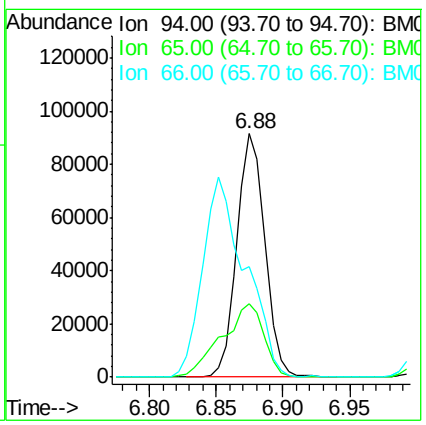


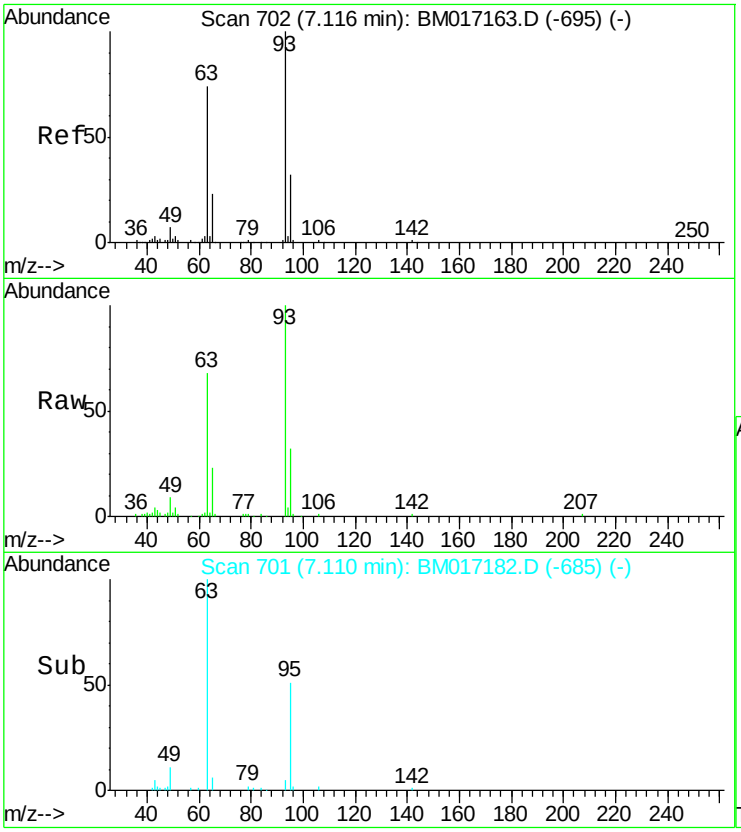




#10
Phenol
Concen: 7.965 ng
RT: 6.88 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 94 Resp: 133096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 9.4 | 49.4 |
| 66 | 45.6 | 19.0 | 59.0 |



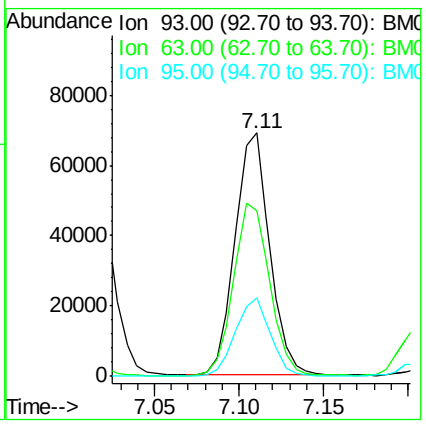


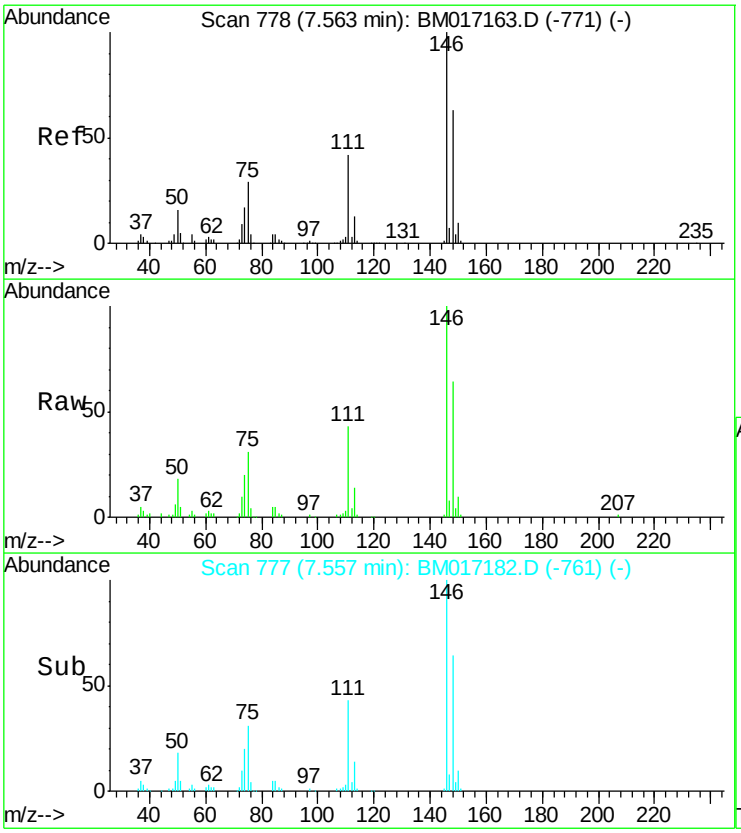

#11
bis(2-Chloroethyl)ether
Concen: 7.387 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 93 Resp: 98401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 67.7 | 54.0 | 94.0 |
| 95 | 32.0 | 11.8 | 51.8 |

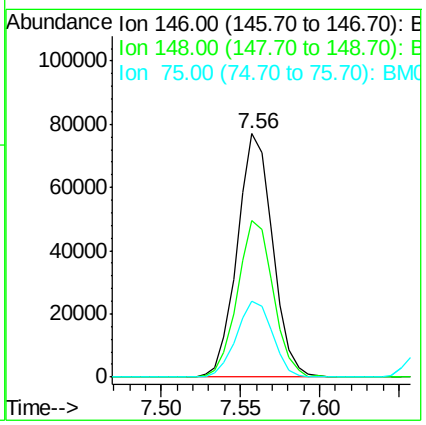


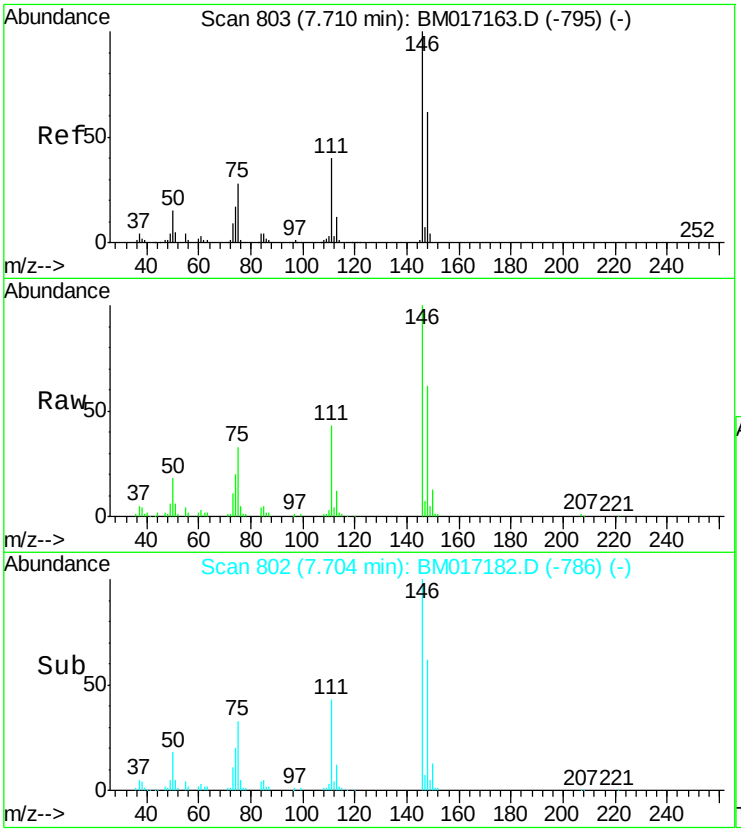




#12
1,3-Dichlorobenzene
Concen: 7.748 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:146 Resp: 119107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.2 | 75.4 |
| 75 | 31.2 | 23.3 | 34.9 |



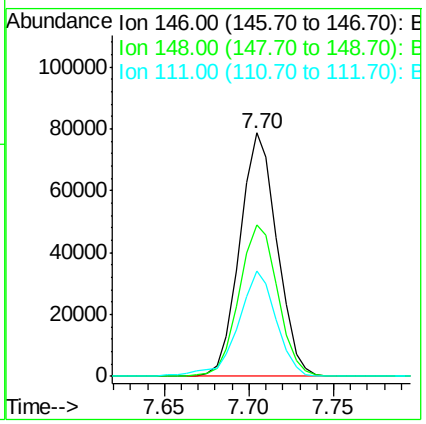


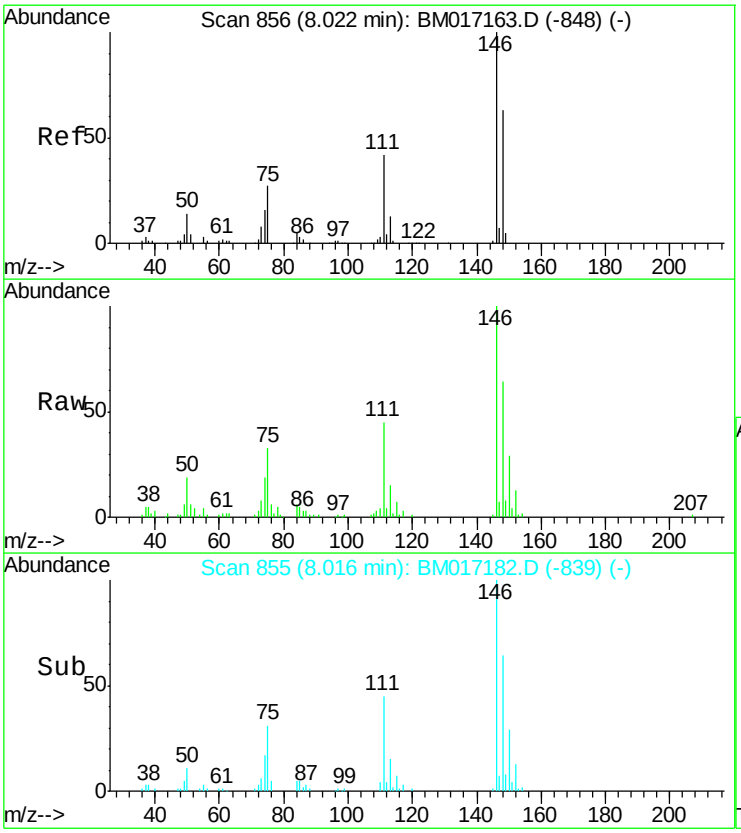

#13
1,4-Dichlorobenzene
Concen: 7.678 ng
RT: 7.70 min Scan# 802
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:146 Resp: 120602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.4 | 49.8 | 74.6 |
| 111 | 43.3 | 32.1 | 48.1 |

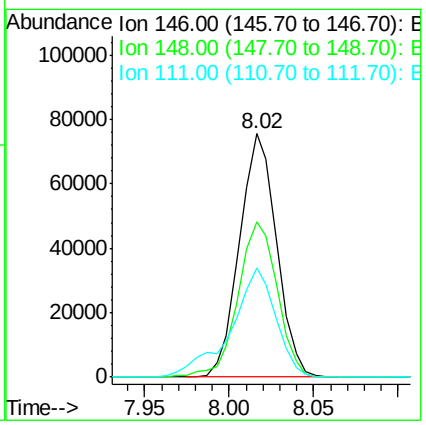


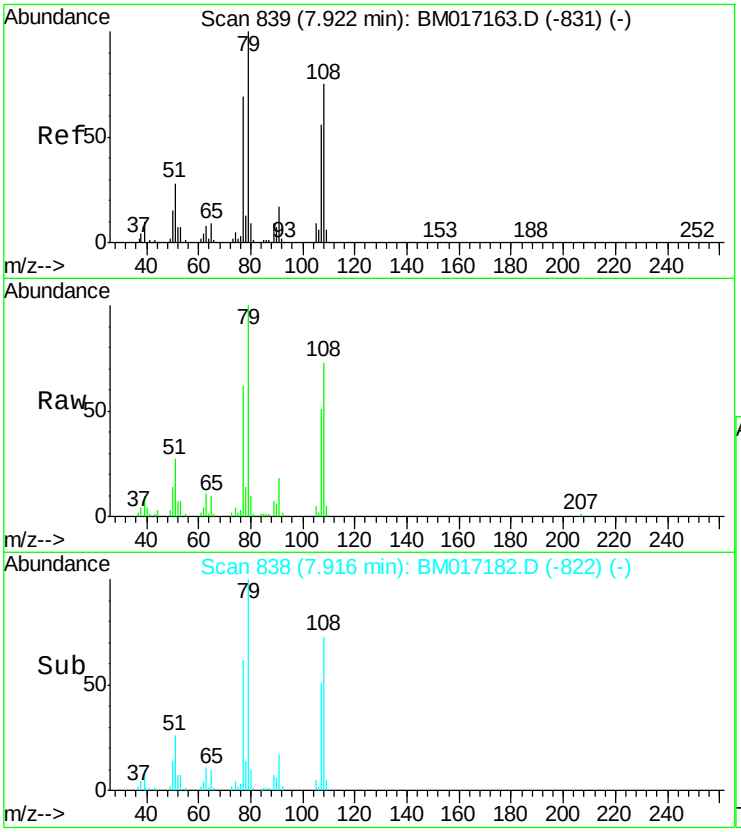




#14
1,2-Dichlorobenzene
Concen: 7.630 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:146 Resp: 115468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 50.8 | 76.2 |
| 111 | 45.1 | 33.8 | 50.6 |



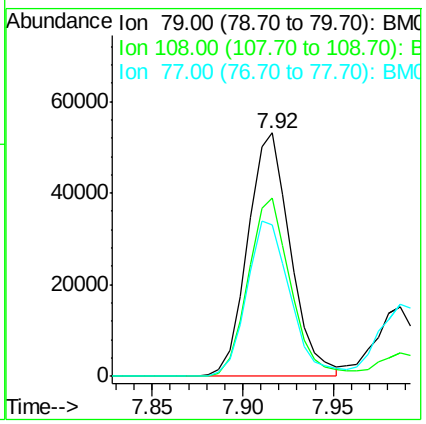


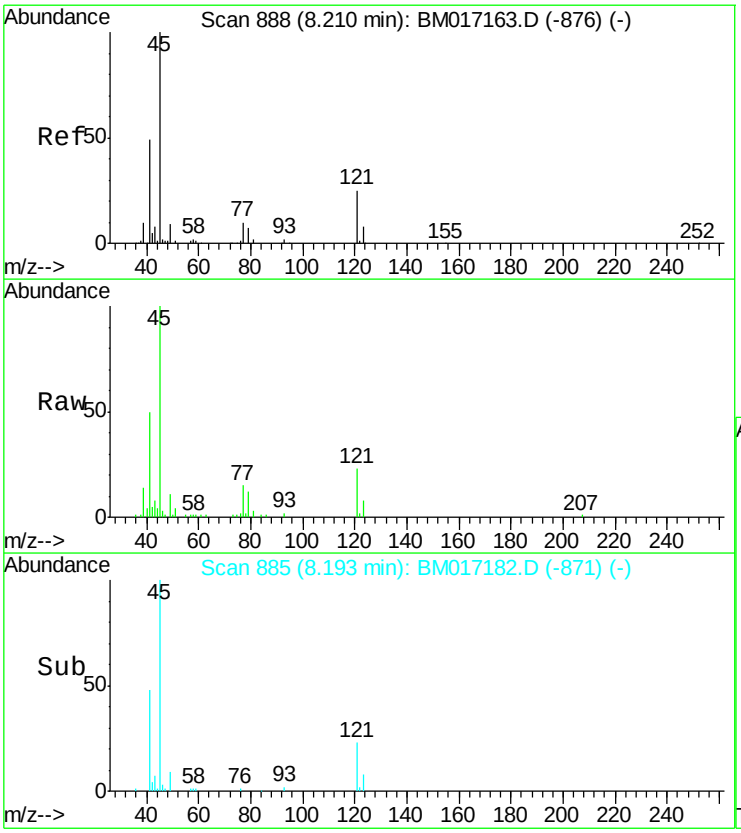

#15
Benzyl Alcohol
Concen: 7.667 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 79 Resp: 87005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.4 | 60.3 | 90.5 |
| 77 | 62.1 | 54.8 | 82.2 |

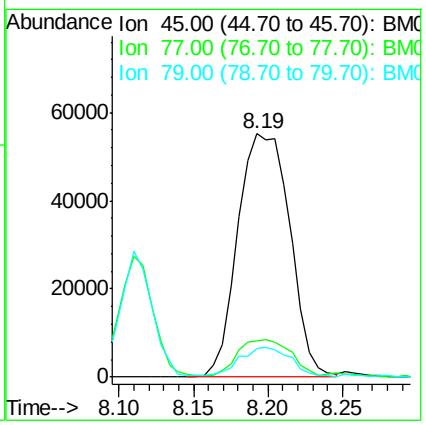


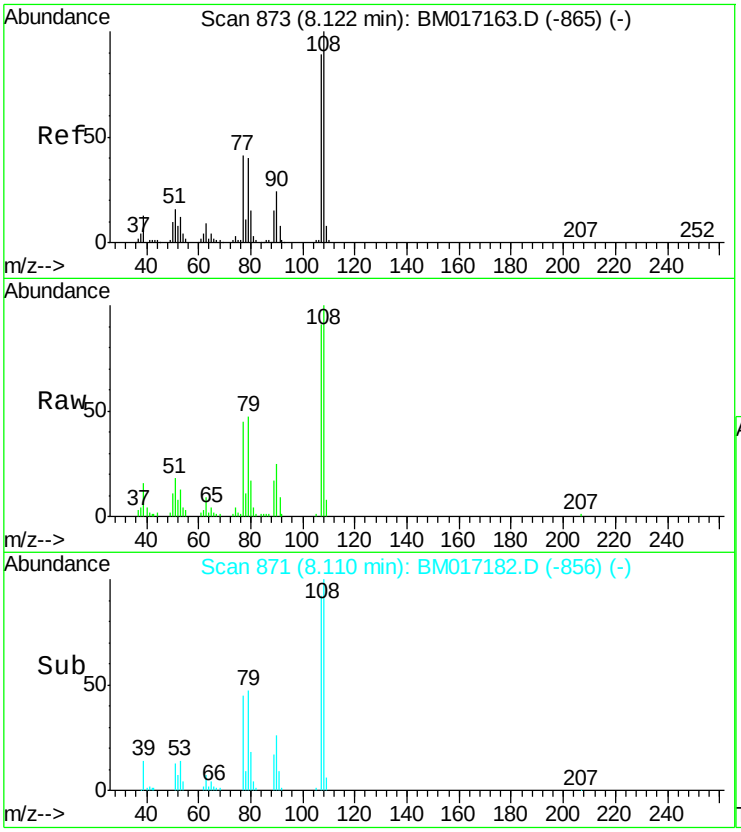




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.173 ng
RT: 8.19 min Scan# 885
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 45 Resp: 133488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.8 | 0.0 | 35.5 |
| 79 | 11.7 | 0.0 | 32.1 |



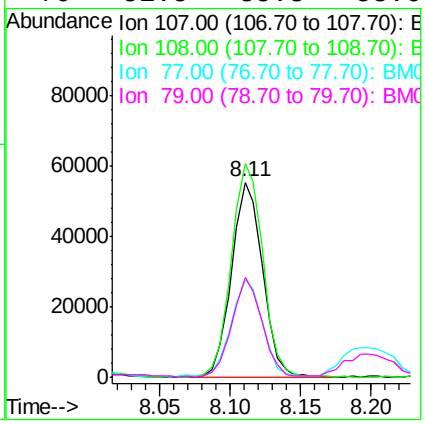


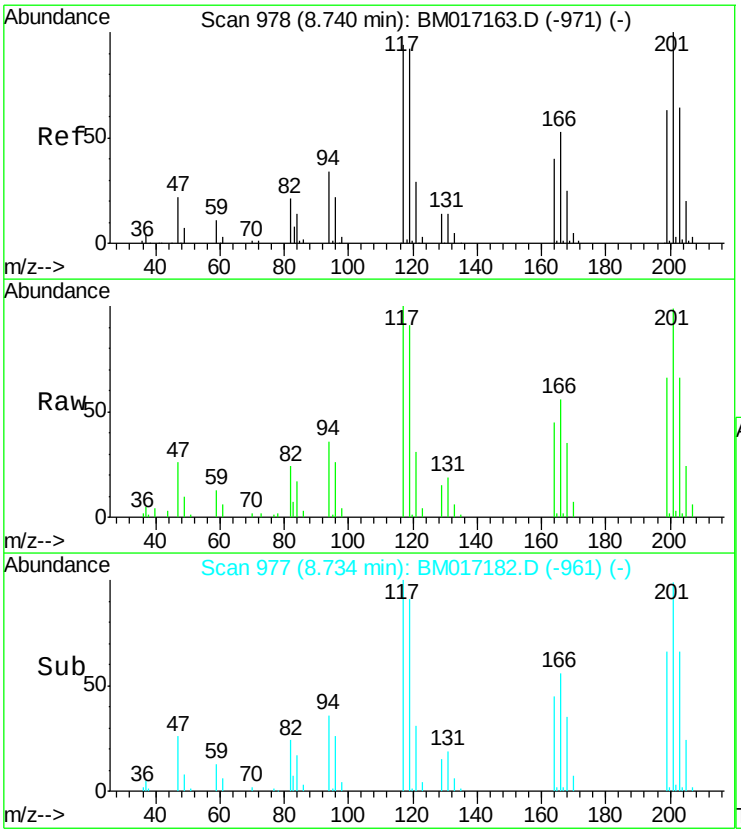

#17
2-Methylphenol
Concen: 7.942 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:107 Resp: 85184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.5 | 90.3 | 135.5 |
| 77 | 49.6 | 37.0 | 55.4 |
| 79 | 51.5 | 35.8 | 53.6 |

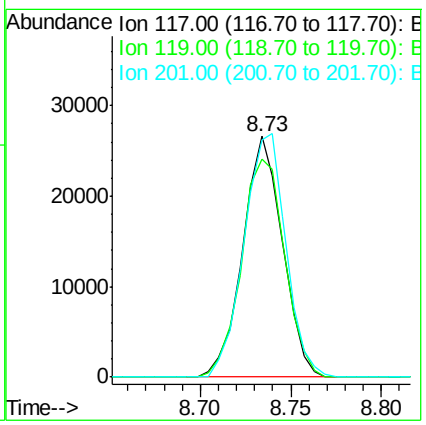


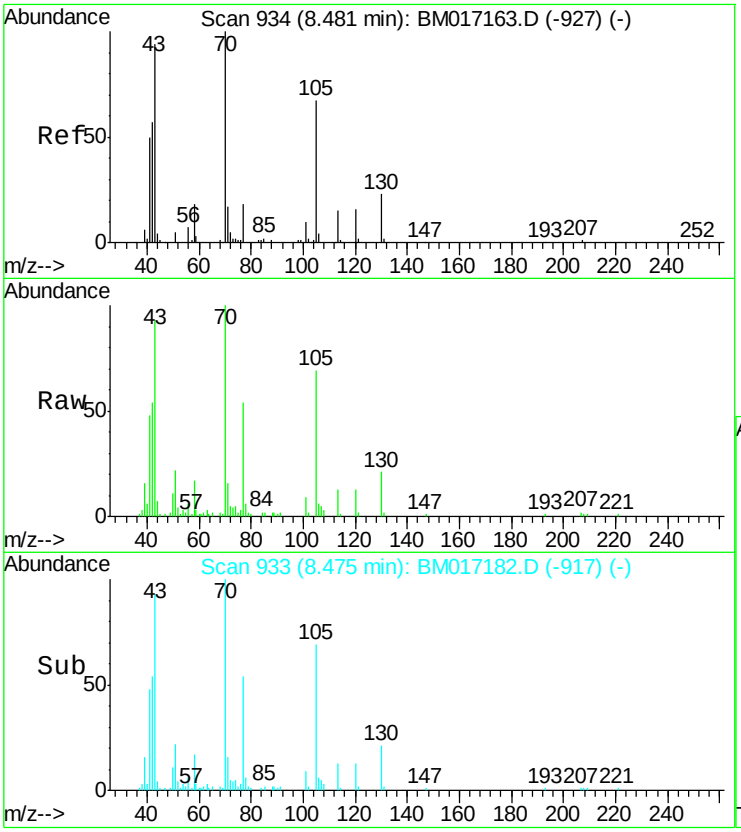




#18
Hexachloroethane
Concen: 7.547 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:117 Resp: 40566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.6 | 78.2 | 117.2 |
| 201 | 98.7 | 85.3 | 127.9 |



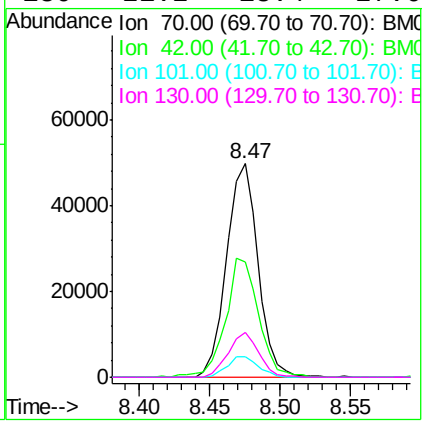


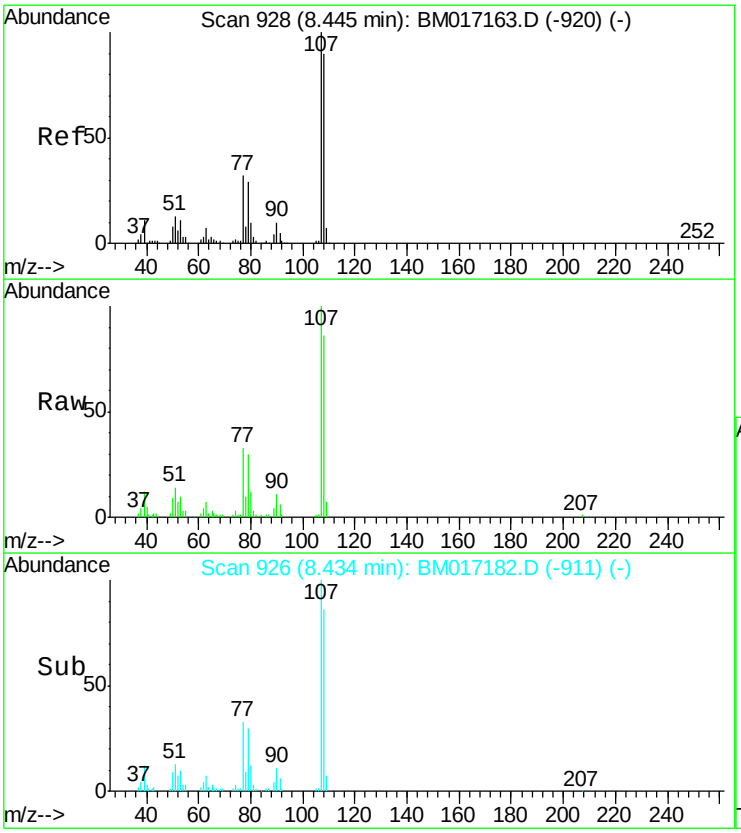

#19
n-Nitroso-di-n-propylamine
Concen: 7.556 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 70 Resp: 77241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.7 | 46.1 | 69.1 |
| 101 | 9.4 | 8.2 | 12.4 |
| 130 | 21.2 | 18.4 | 27.6 |

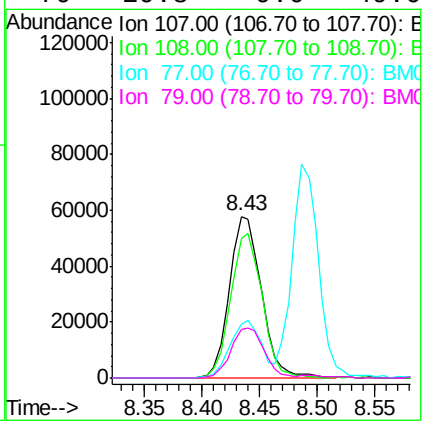


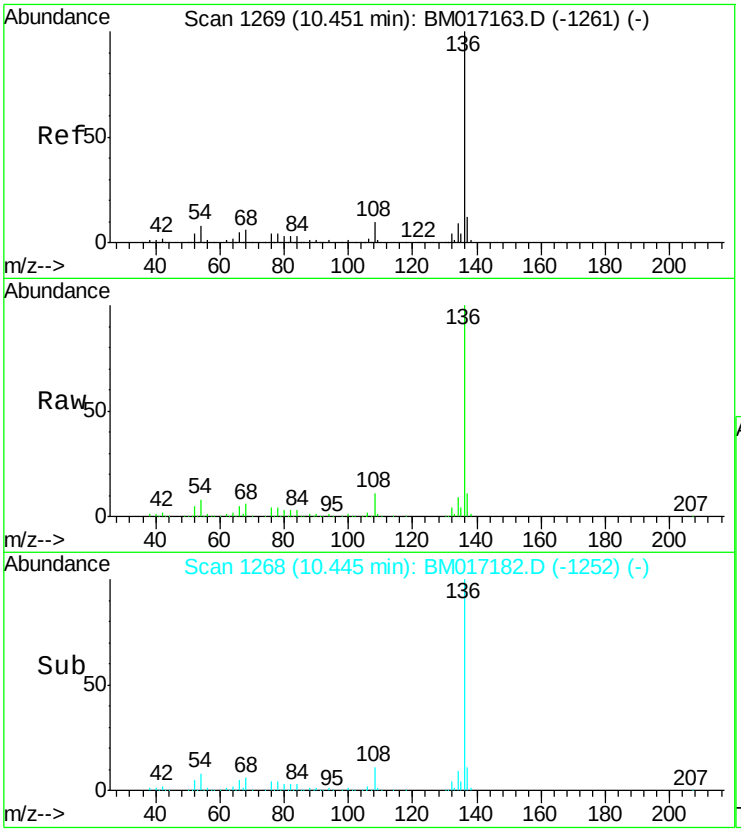




#20
3+4-Methylphenols
Concen: 7.598 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:107 Resp: 111461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.3 | 69.9 | 109.9 |
| 77 | 33.4 | 12.2 | 52.2 |
| 79 | 29.8 | 9.0 | 49.0 |



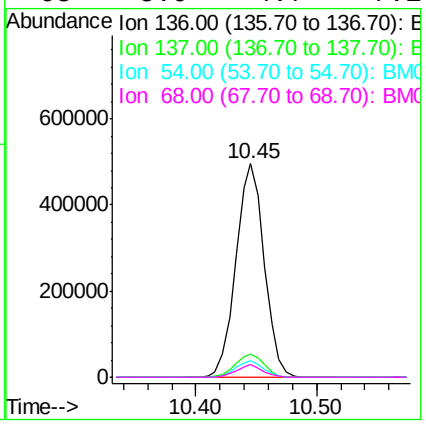


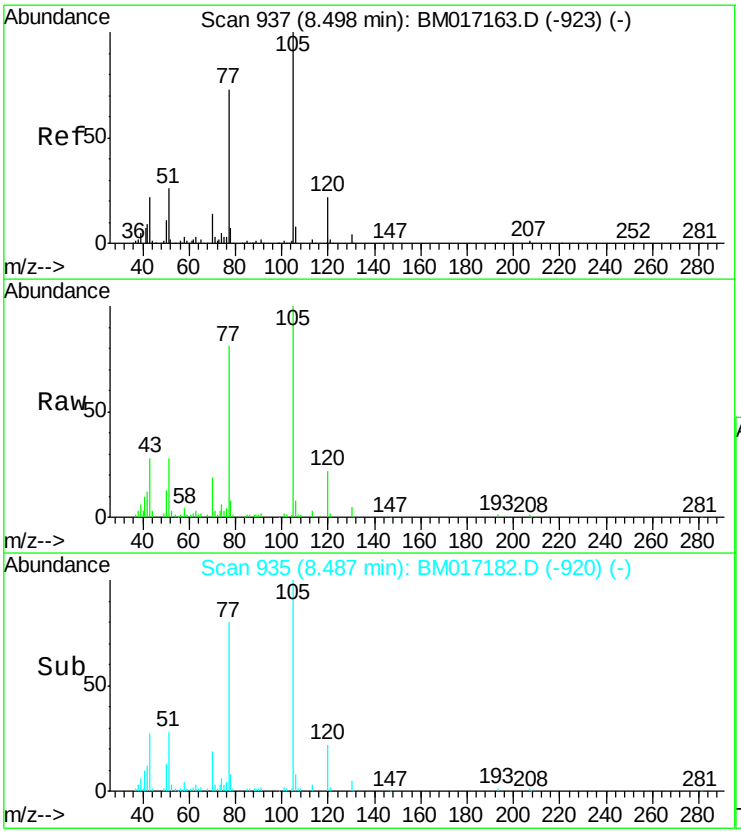

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:136 Resp: 808009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 7.8 | 6.7 | 10.1 |
| 68 | 5.9 | 4.7 | 7.1 |

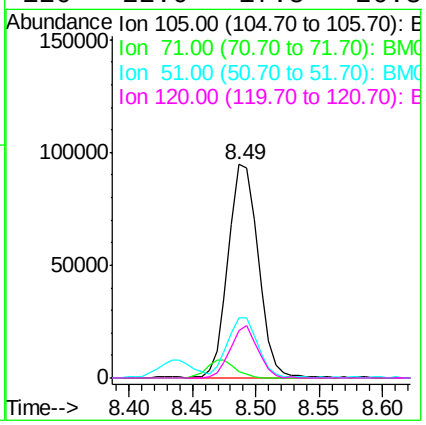


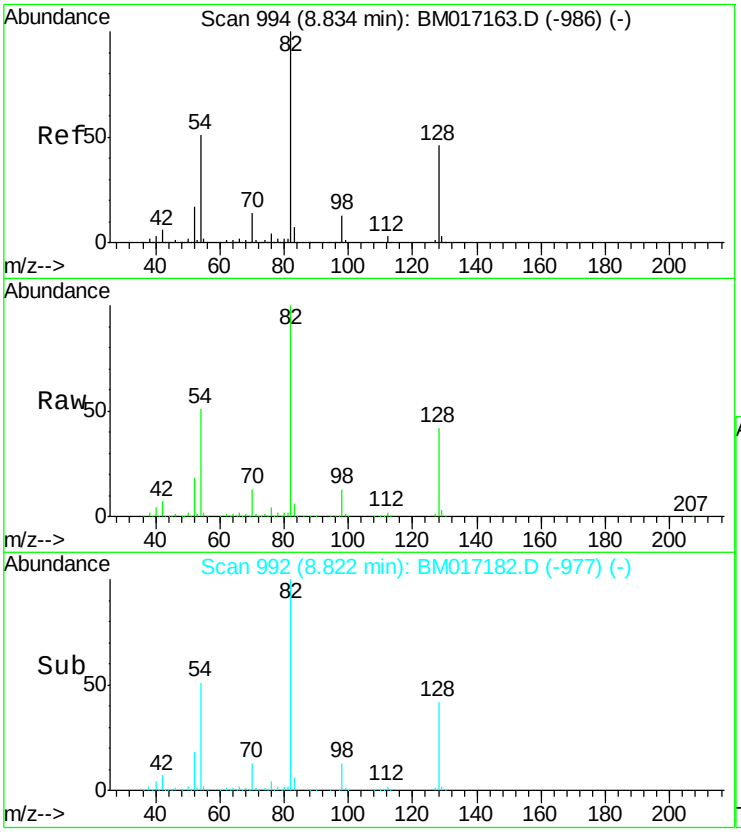




#22
Acetophenone
Concen: 7.651 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:105 Resp: 156700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.2 | 2.0 | 3.0# |
| 51 | 28.1 | 20.6 | 31.0 |
| 120 | 22.0 | 17.5 | 26.3 |



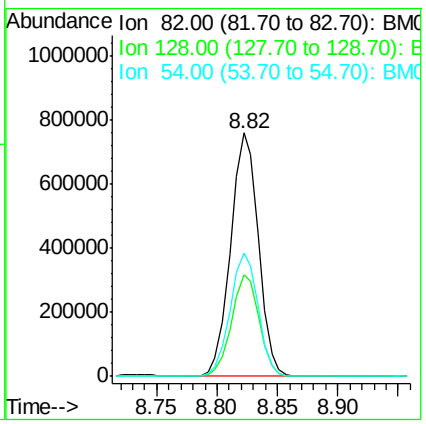


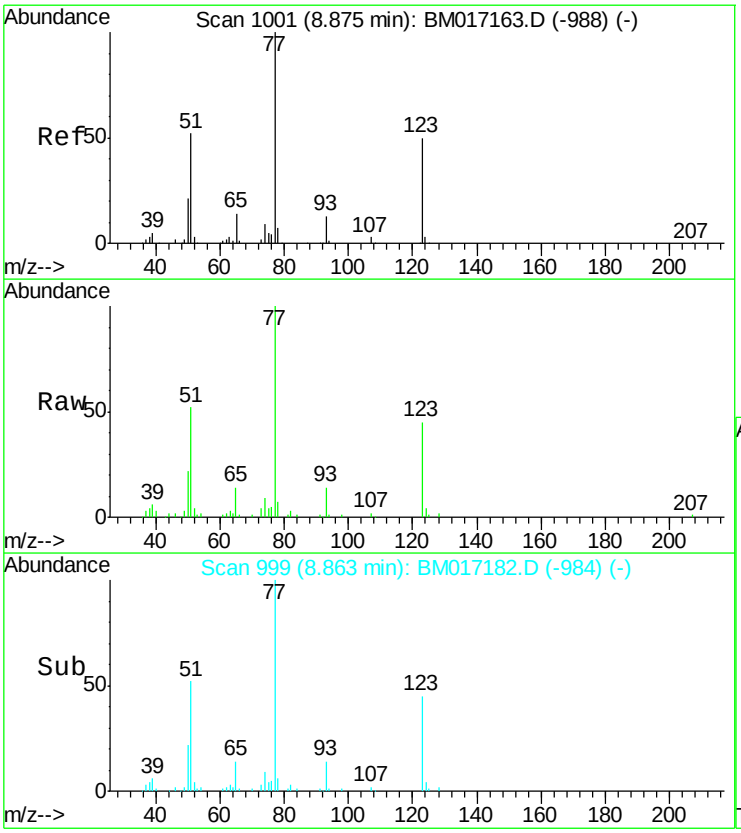

#23
Nitrobenzene-d5
Concen: 88.292 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 1219803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 37.0 | 55.6 |
| 54 | 50.6 | 40.7 | 61.1 |

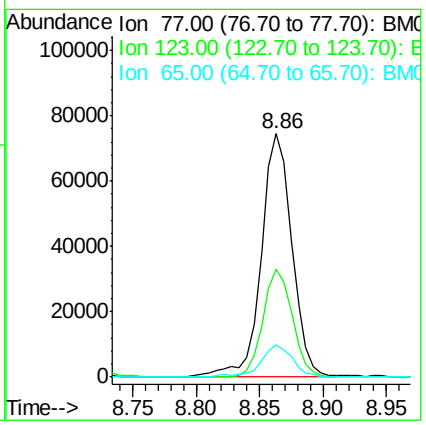


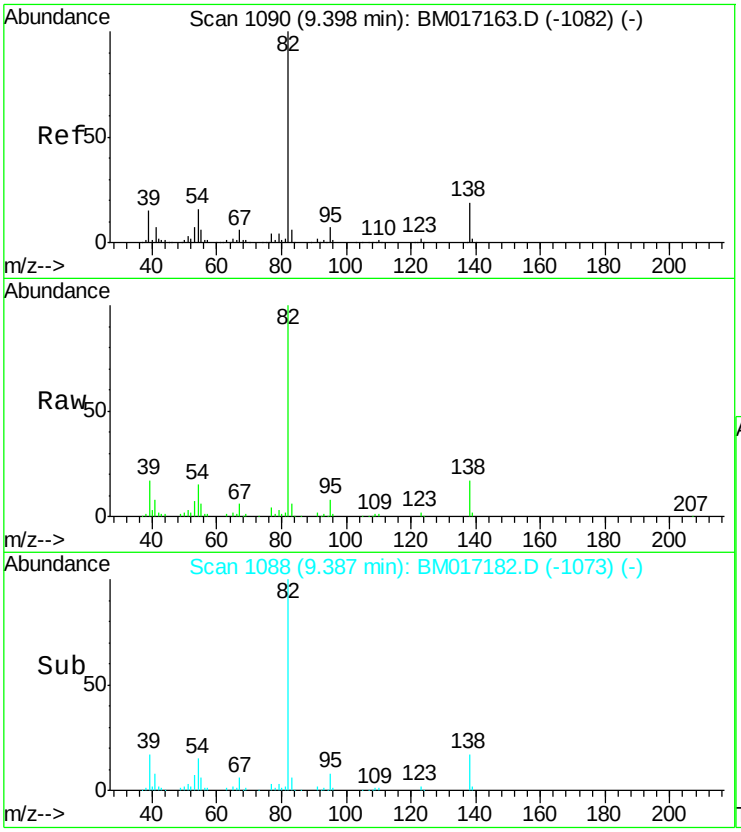




#24
Nitrobenzene
Concen: 8.609 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 77 Resp: 125809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.5 | 40.2 | 60.4 |
| 65 | 13.5 | 11.4 | 17.0 |



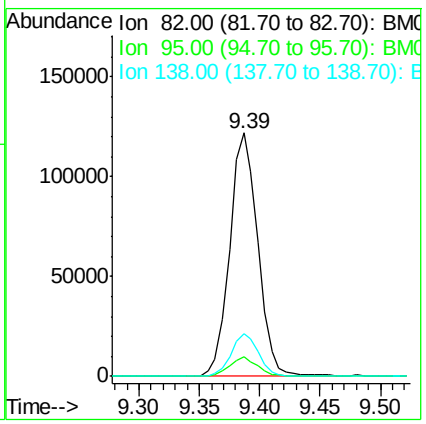


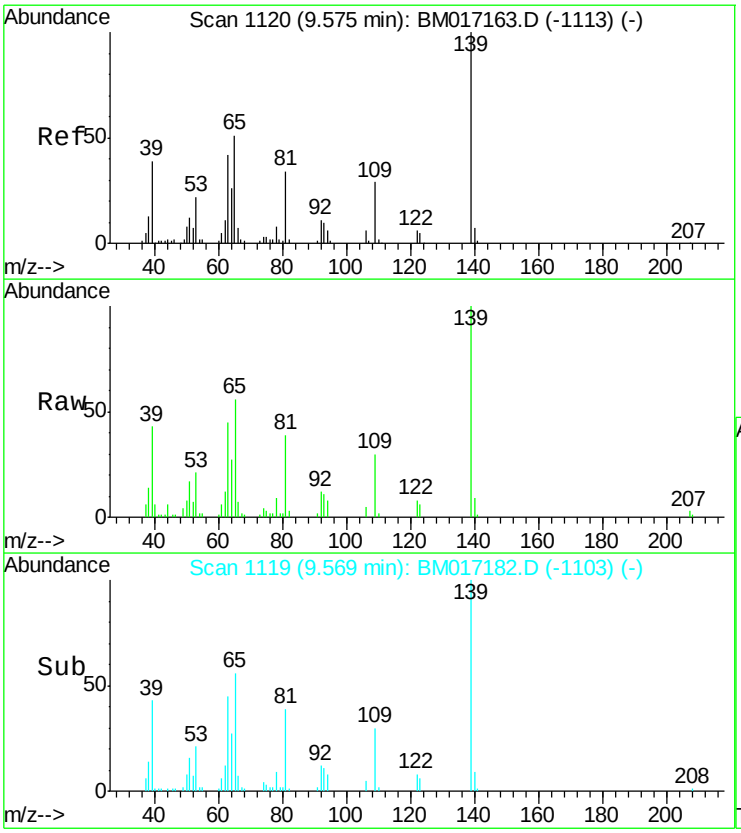

#25
Isophorone
Concen: 8.668 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 197756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 6.0 | 9.0 |
| 138 | 17.3 | 15.4 | 23.2 |

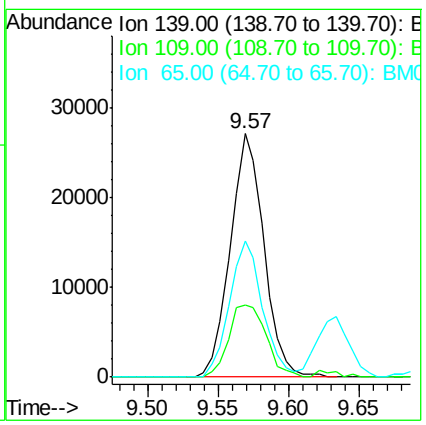


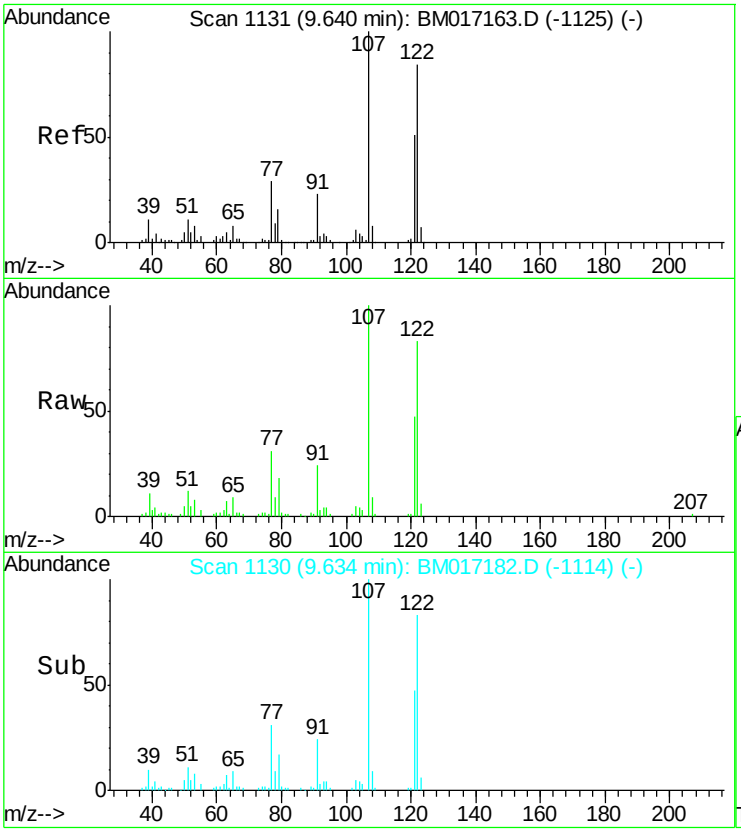




#26
2-Nitrophenol
Concen: 11.511 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:139 Resp: 45076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.6 | 23.2 | 34.8 |
| 65 | 56.0 | 40.6 | 61.0 |



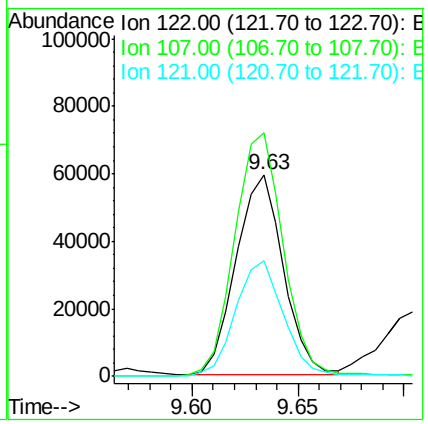


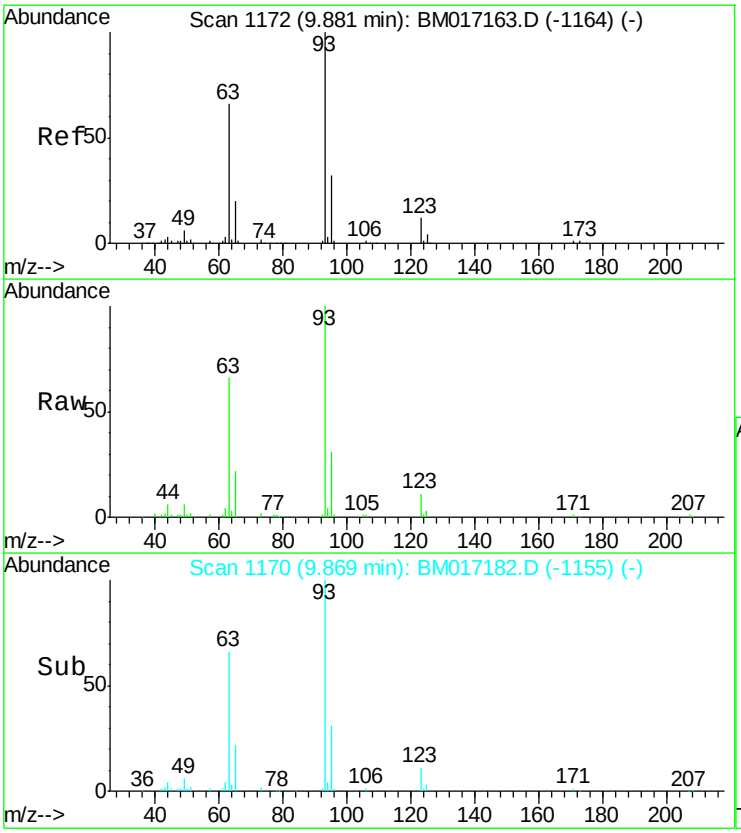

#27
2,4-Dimethylphenol
Concen: 9.194 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:122 Resp: 92745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.7 | 95.0 | 142.6 |
| 121 | 57.2 | 48.2 | 72.4 |

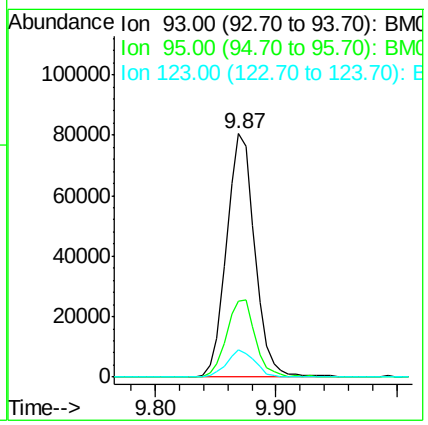


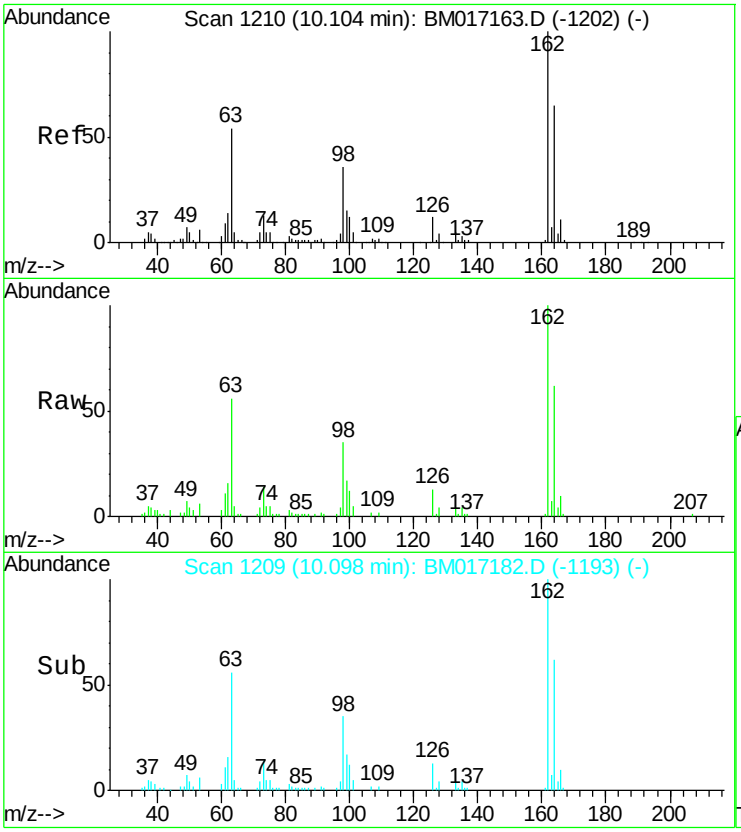




#28
bis(2-Chloroethoxy)methane
Concen: 8.170 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 93 Resp: 131181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.0 | 25.7 | 38.5 |
| 123 | 11.3 | 9.4 | 14.0 |



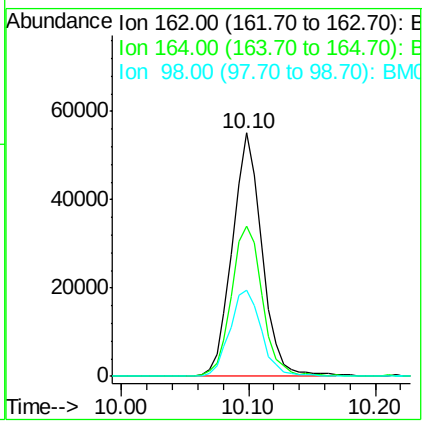


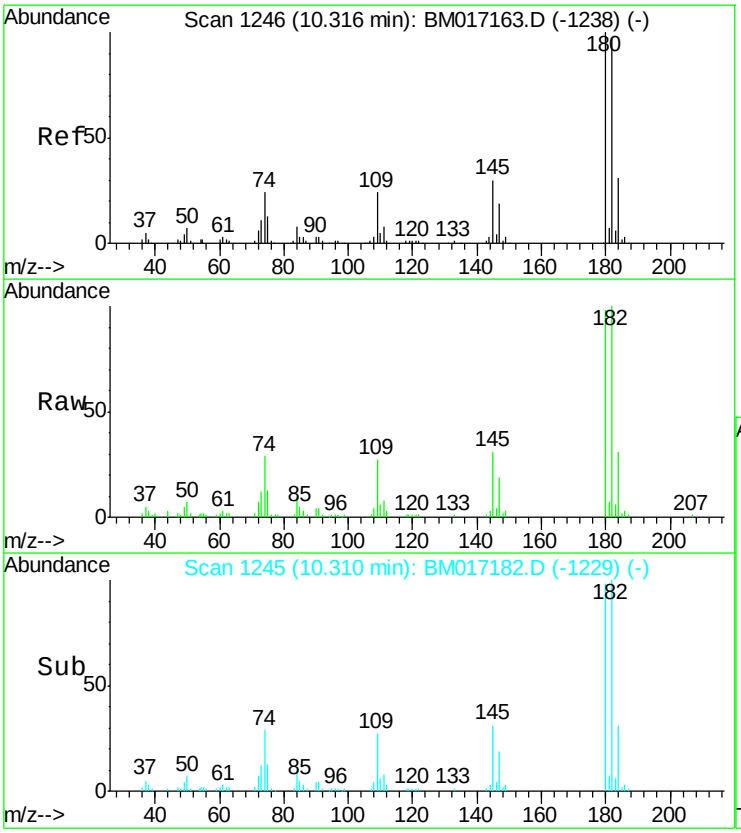

#29
2,4-Dichlorophenol
Concen: 7.642 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:162 Resp: 89511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.9 | 44.9 | 84.9 |
| 98 | 35.3 | 15.8 | 55.8 |

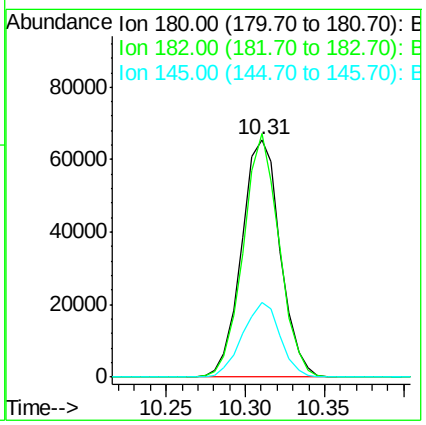


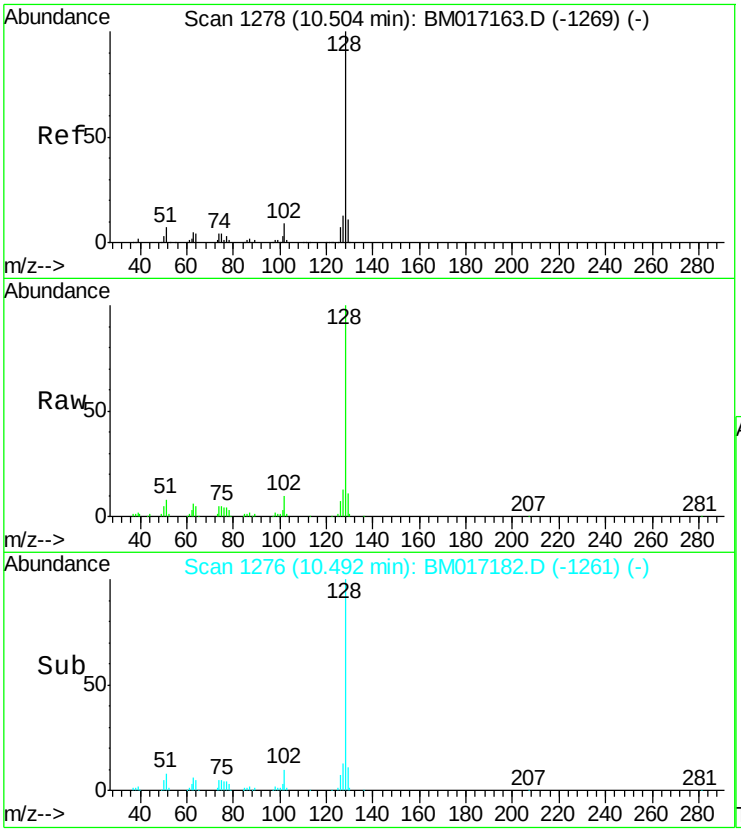




#30
1,2,4-Trichlorobenzene
Concen: 7.892 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:180 Resp: 110880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 102.4 | 77.5 | 116.3 |
| 145 | 31.6 | 24.0 | 36.0 |



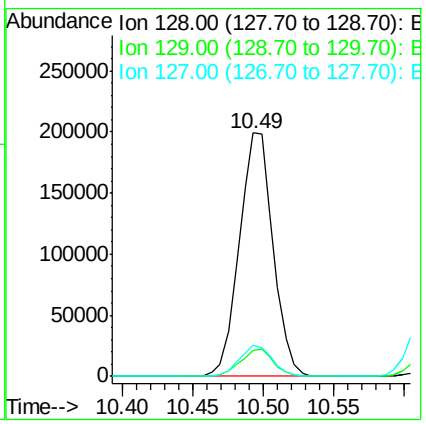


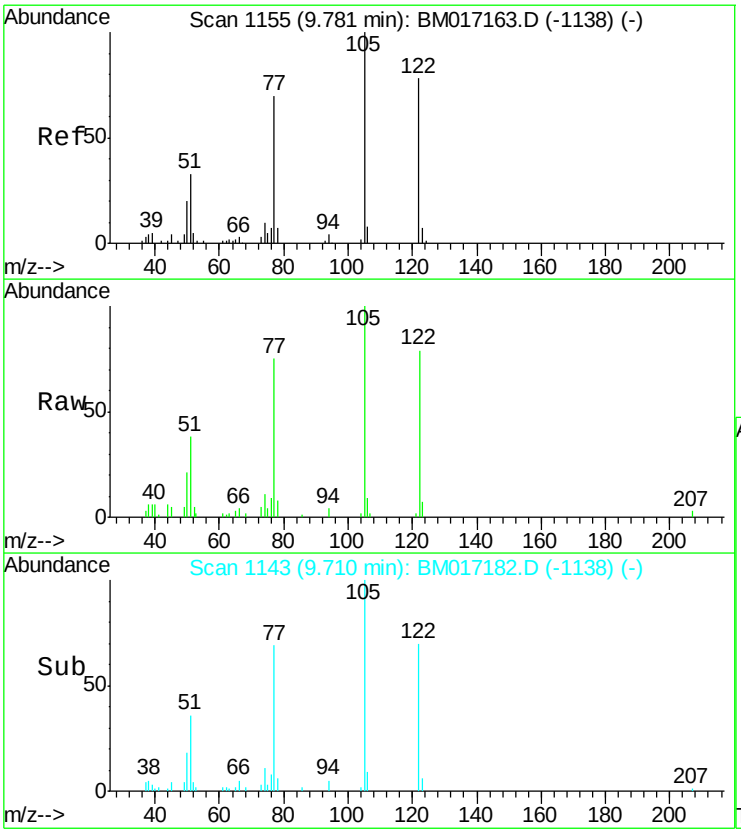

#31
Naphthalene
Concen: 8.398 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:128 Resp: 332518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.5 | 12.7 |
| 127 | 12.6 | 10.3 | 15.5 |

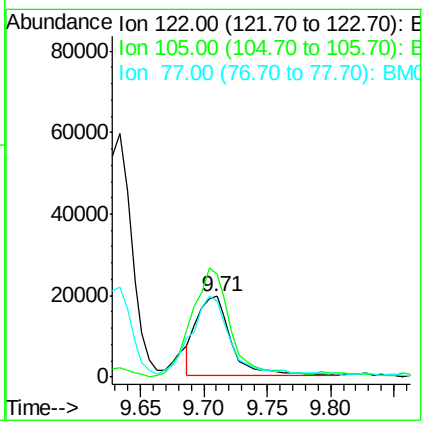


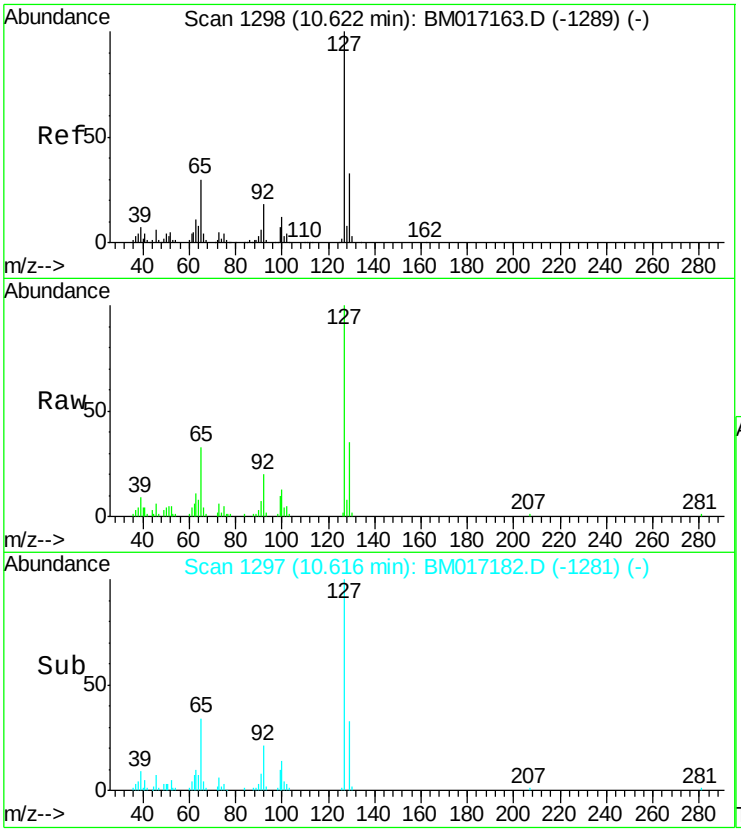




#32
Benzoic acid
Concen: 4.752 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:122 Resp: 35767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.0 | 102.0 | 142.0 |
| 77 | 94.7 | 67.7 | 107.7 |



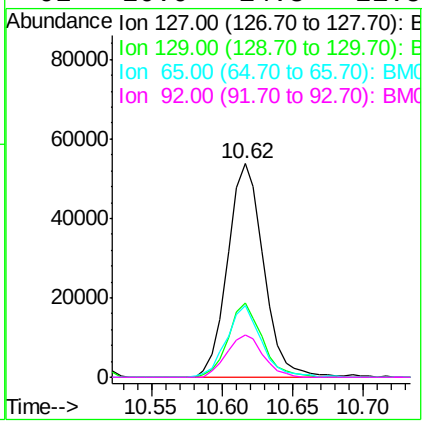


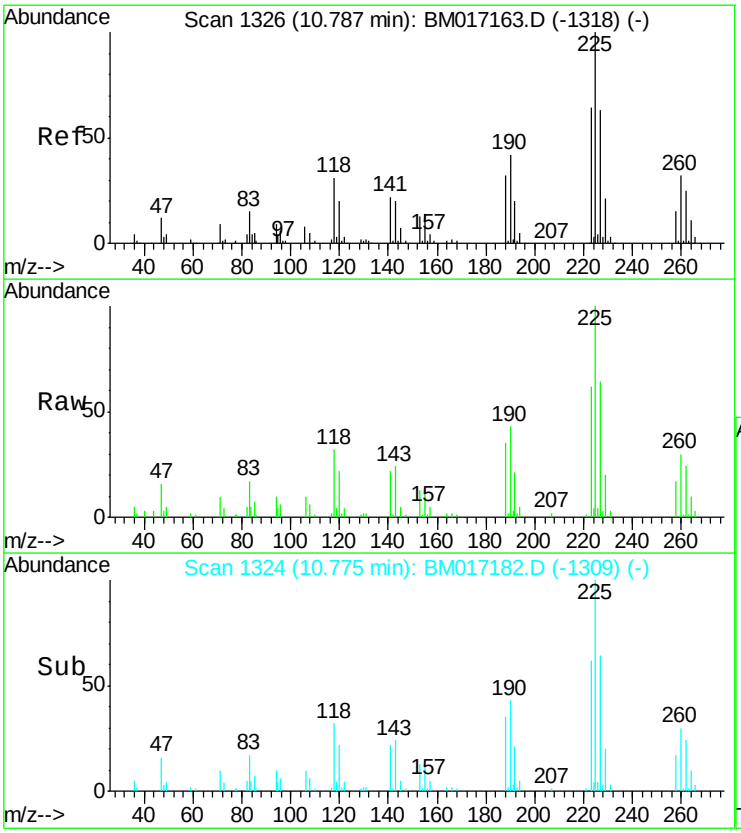

#33
4-Chloroaniline
Concen: 5.584 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:127 Resp: 95492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.8 | 26.2 | 39.4 |
| 65 | 33.3 | 23.7 | 35.5 |
| 92 | 20.0 | 14.3 | 21.5 |

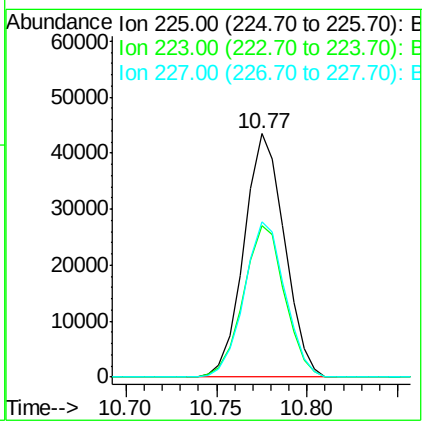


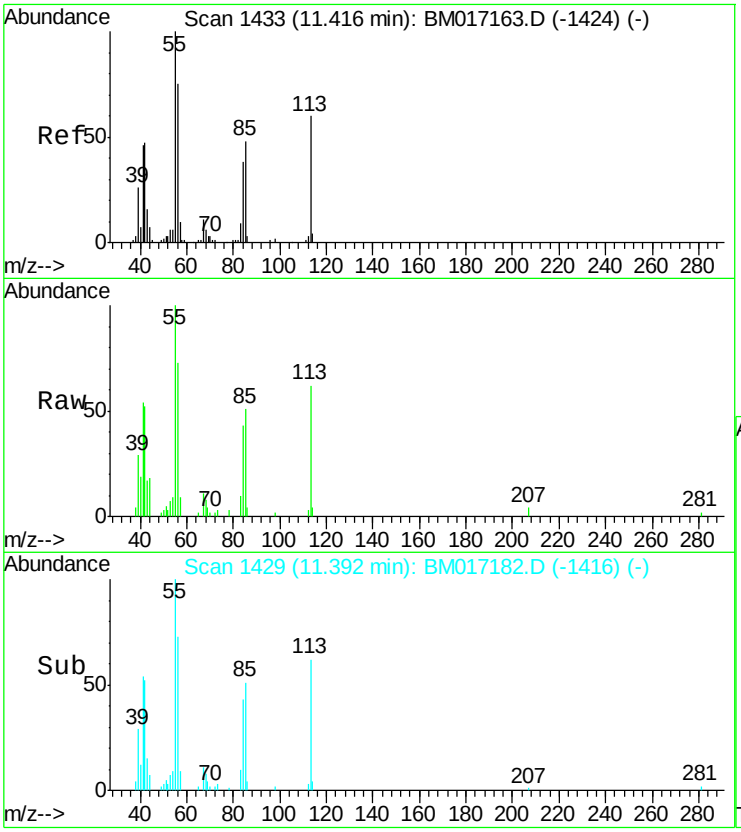




#34
Hexachlorobutadiene
Concen: 7.589 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:225 Resp: 67563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 51.0 | 76.6 |
| 227 | 63.8 | 50.8 | 76.2 |



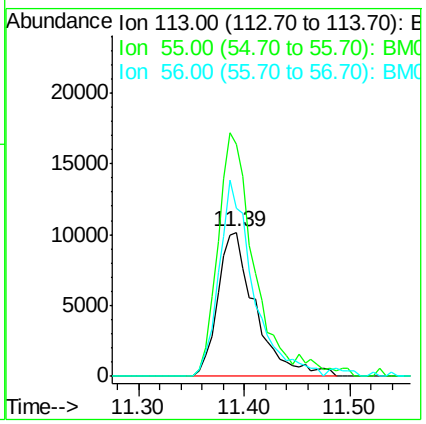


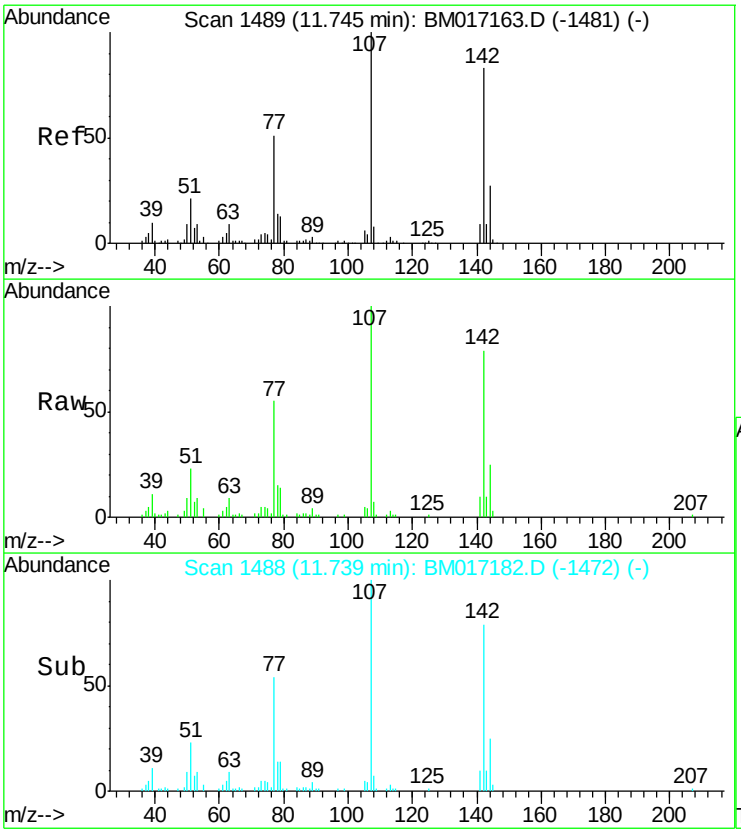

#35
Caprolactam
Concen: 5.907 ng
RT: 11.39 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:113 Resp: 25212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 160.9 | 147.0 | 187.0 |
| 56 | 116.9 | 104.5 | 144.5 |

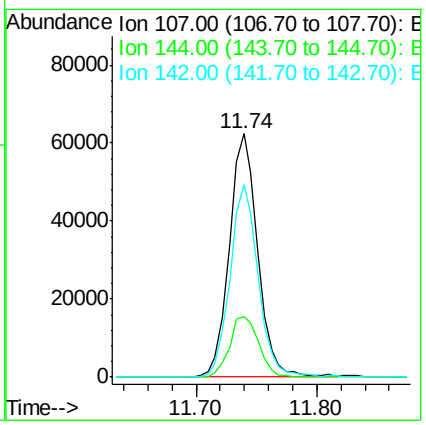


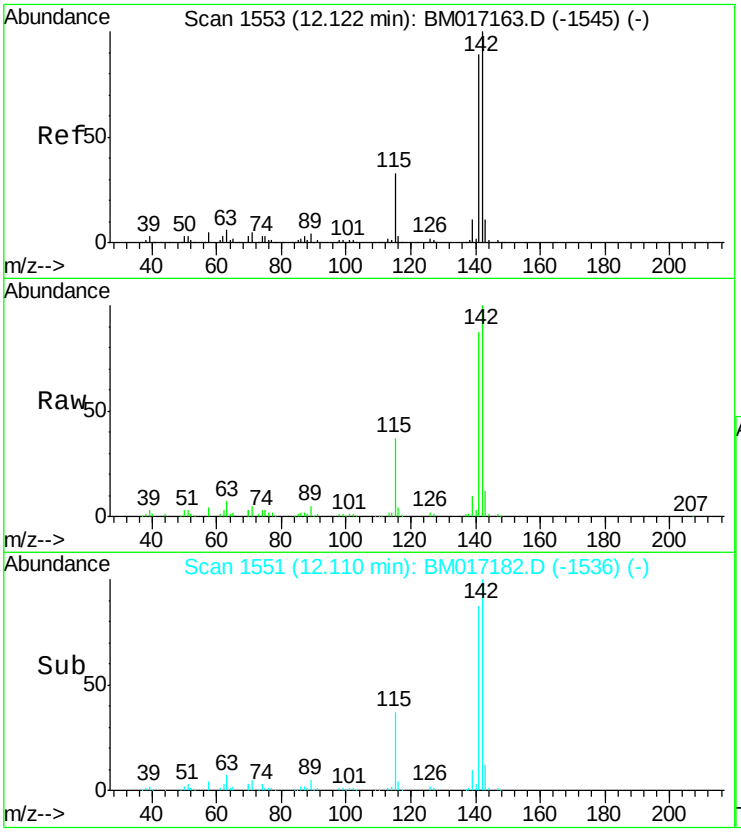




#36
4-Chloro-3-methylphenol
Concen: 7.725 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:107 Resp: 101983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 21.6 | 32.4 |
| 142 | 79.0 | 66.0 | 99.0 |



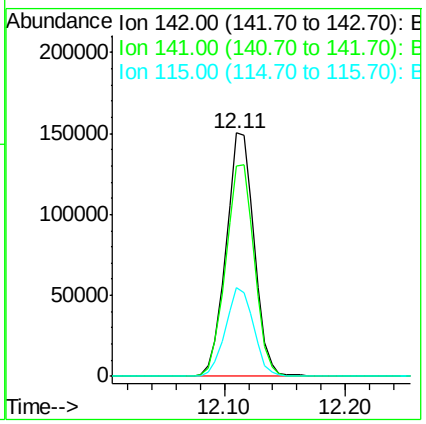


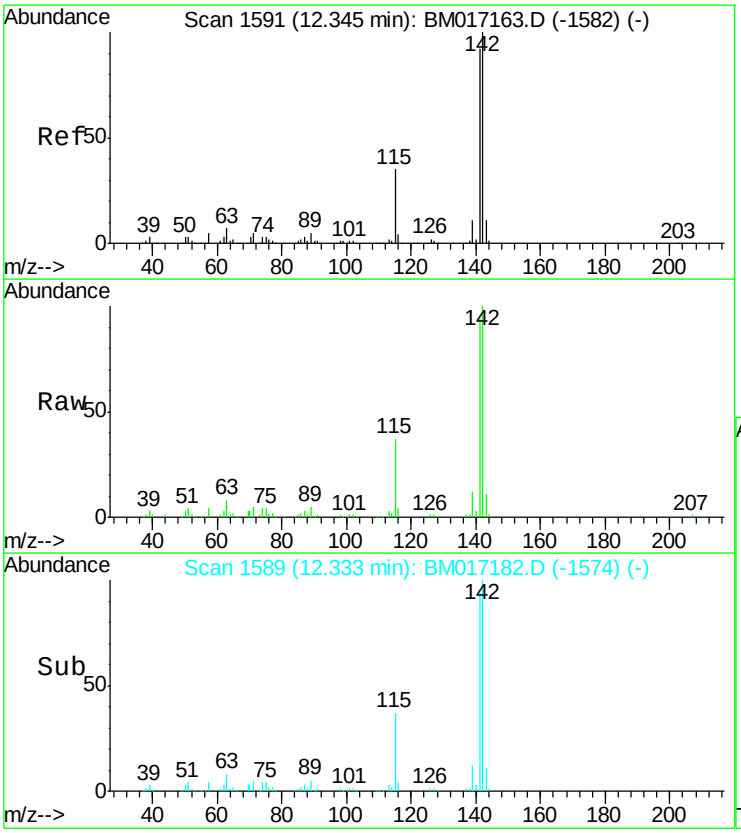

#37
2-Methylnaphthalene
Concen: 8.974 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:142 Resp: 243161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.6 | 70.9 | 106.3 |
| 115 | 36.6 | 26.4 | 39.6 |

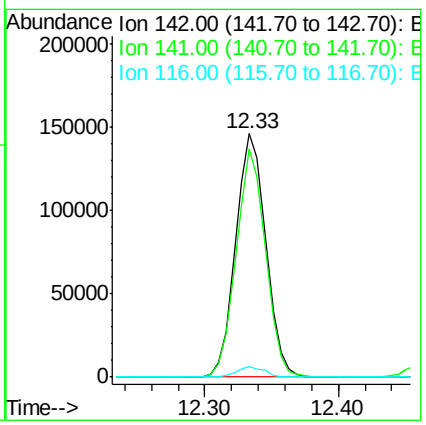


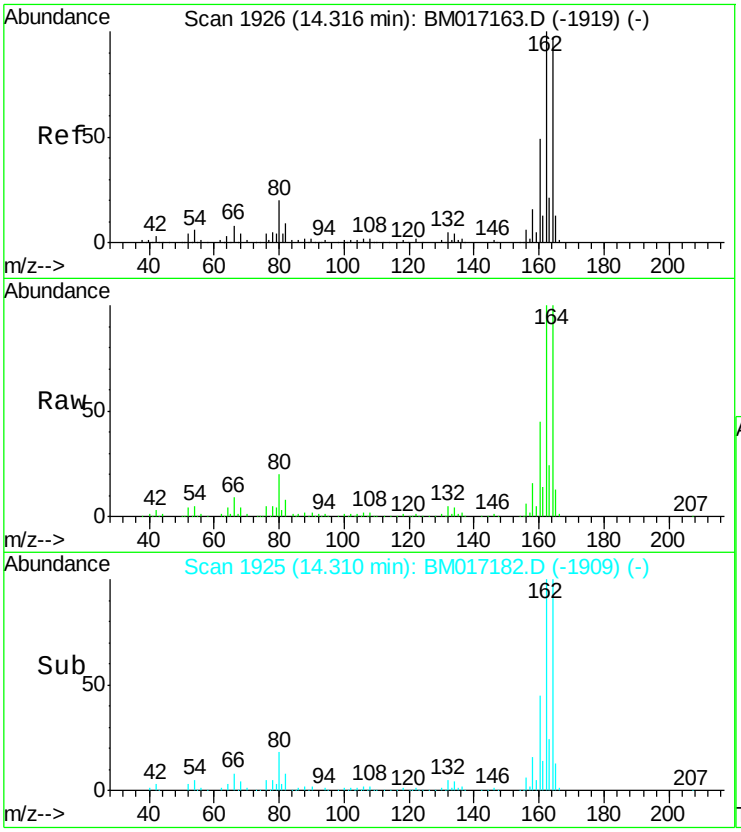




#38
1-Methylnaphthalene
Concen: 8.679 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:142 Resp: 228894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.9 | 73.8 | 110.6 |
| 116 | 4.3 | 2.9 | 4.3 |



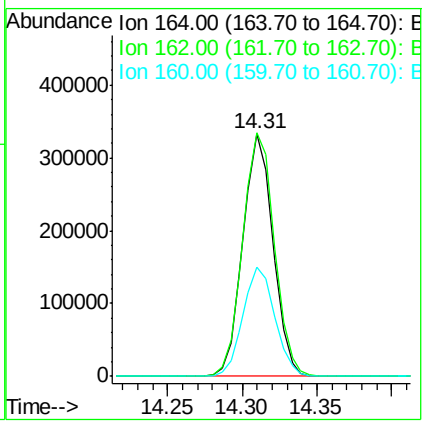


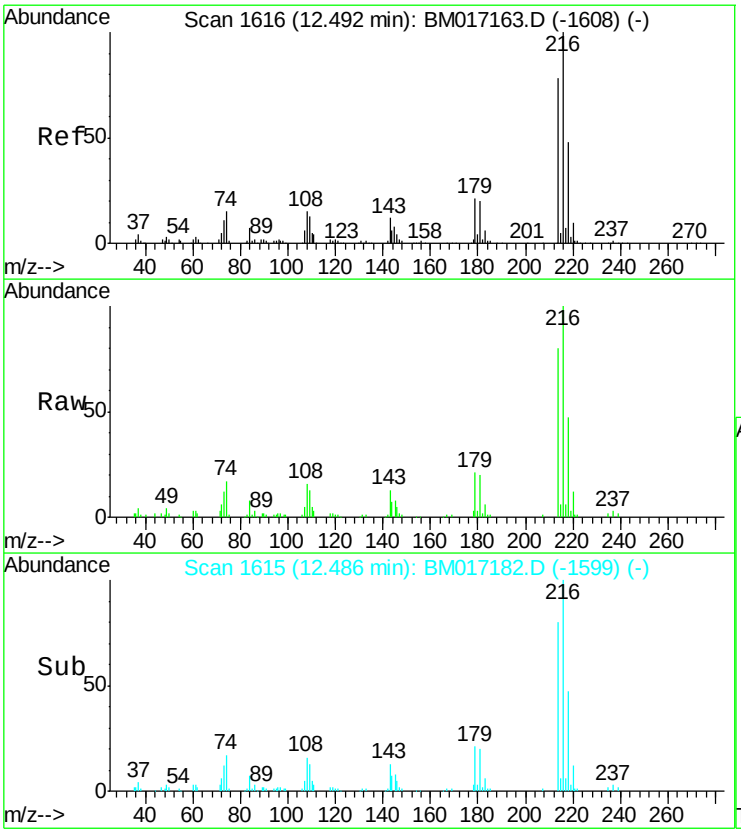

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:164 Resp: 464088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.1 | 123.1 |
| 160 | 45.0 | 40.2 | 60.2 |

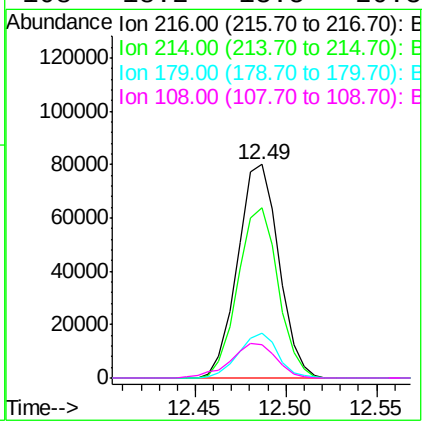


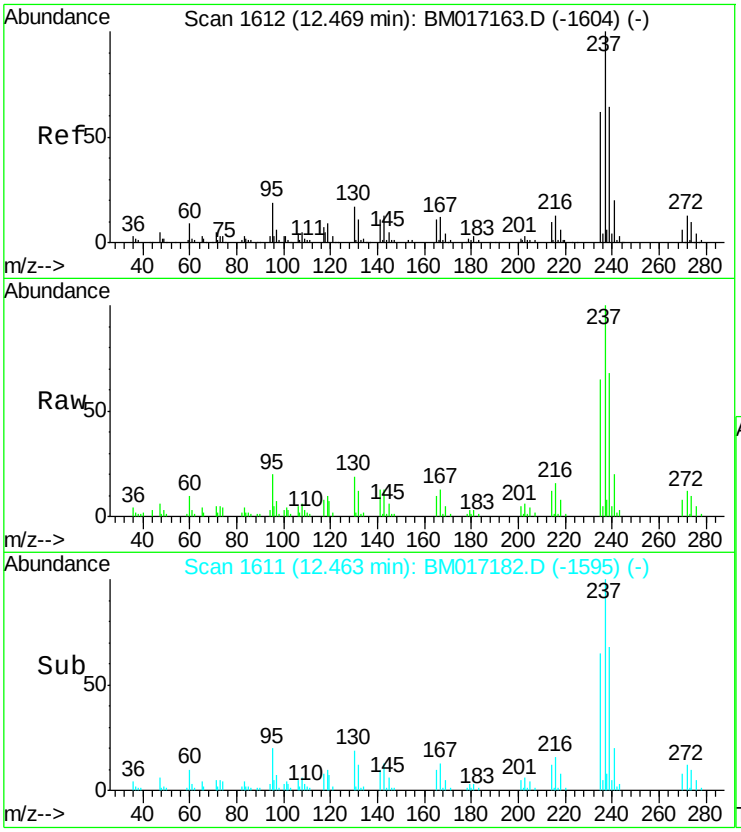




#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.741 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:216 Resp: 126522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 62.6 | 93.8 |
| 179 | 20.1 | 16.6 | 24.8 |
| 108 | 18.2 | 13.5 | 20.3 |



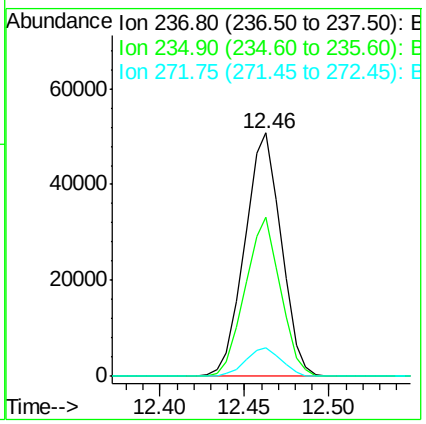


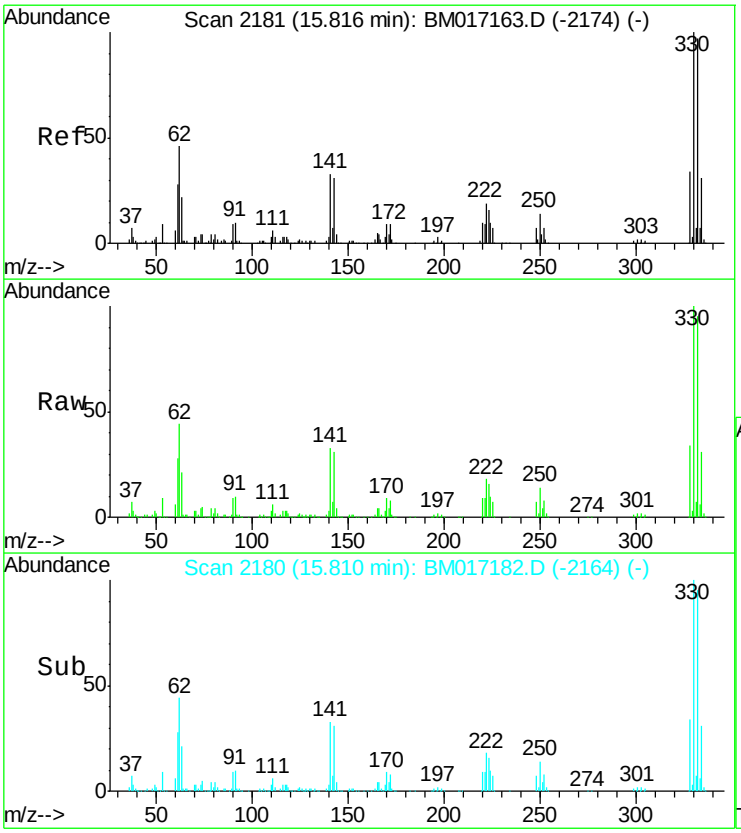

#41
Hexachlorocyclopentadiene
Concen: 9.637 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:237 Resp: 76146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.2 | 42.4 | 82.4 |
| 272 | 11.9 | 0.0 | 33.0 |

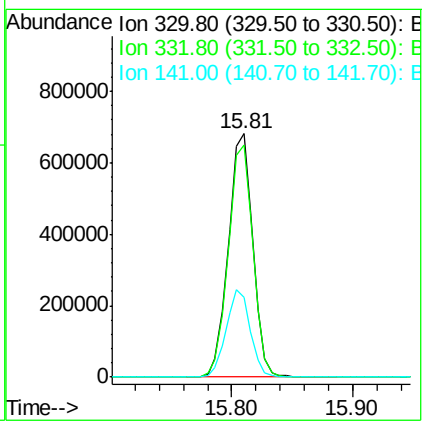


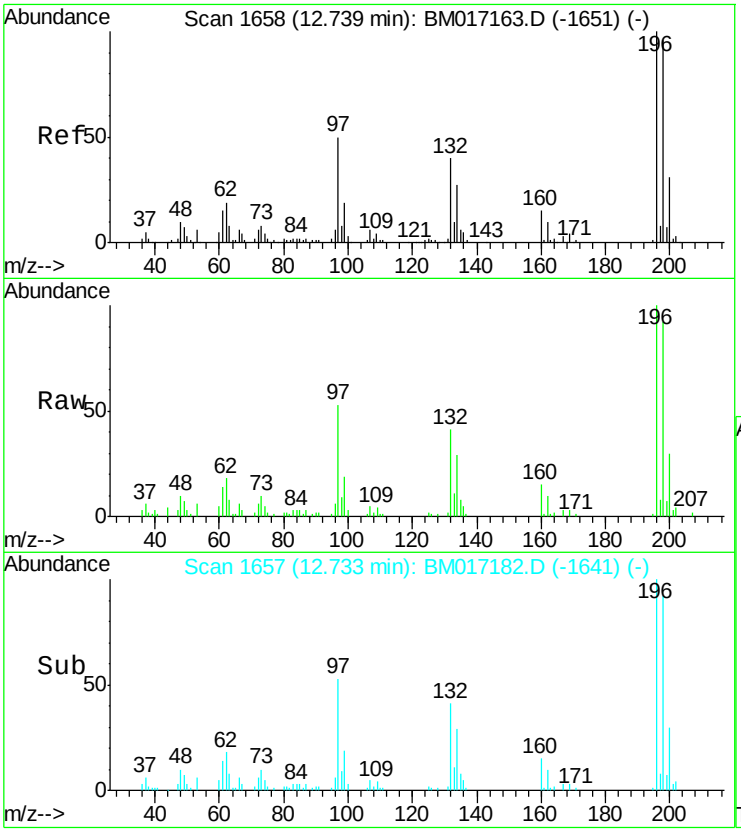




#42
2,4,6-Tribromophenol
Concen: 153.261 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:330 Resp: 961885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.3 | 115.9 |
| 141 | 35.3 | 27.4 | 41.0 |



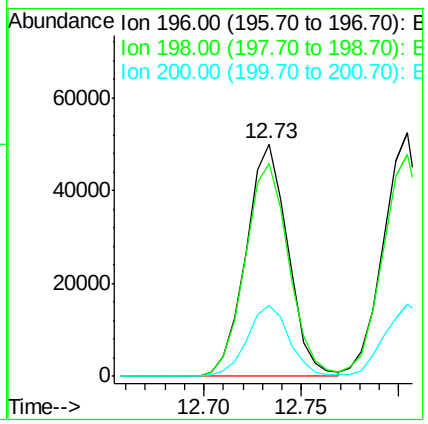


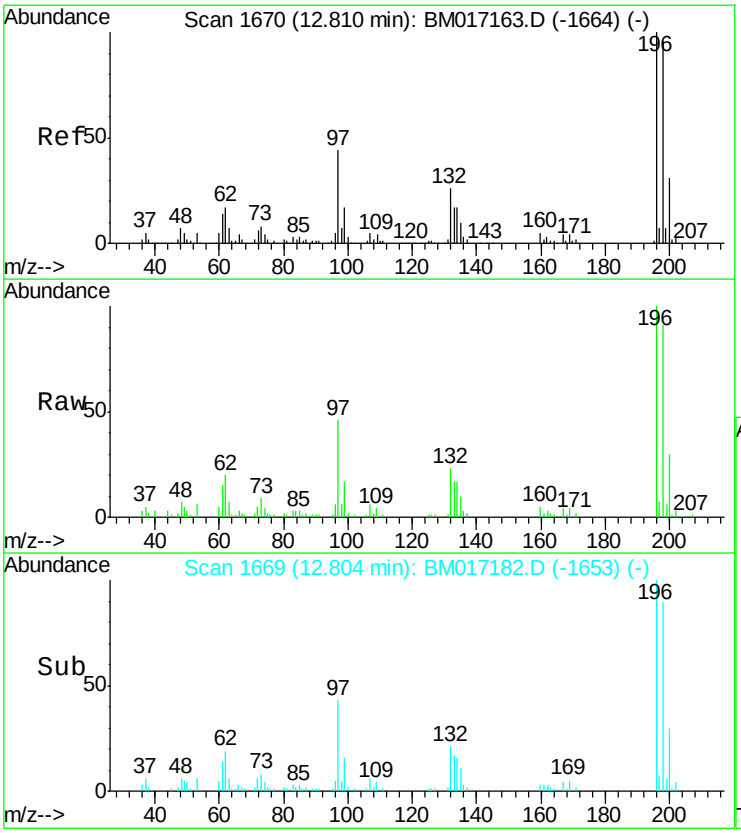

#43
2,4,6-Trichlorophenol
Concen: 7.872 ng
RT: 12.73 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:196 Resp: 74681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.5 | 77.1 | 115.7 |
| 200 | 30.4 | 25.0 | 37.4 |

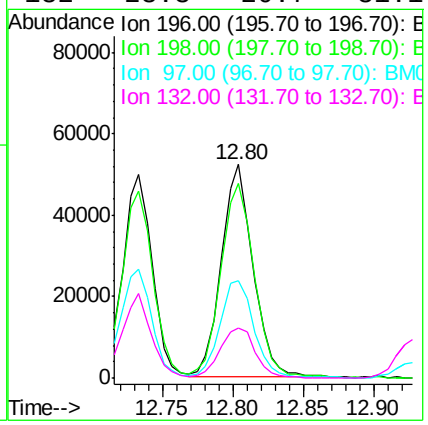


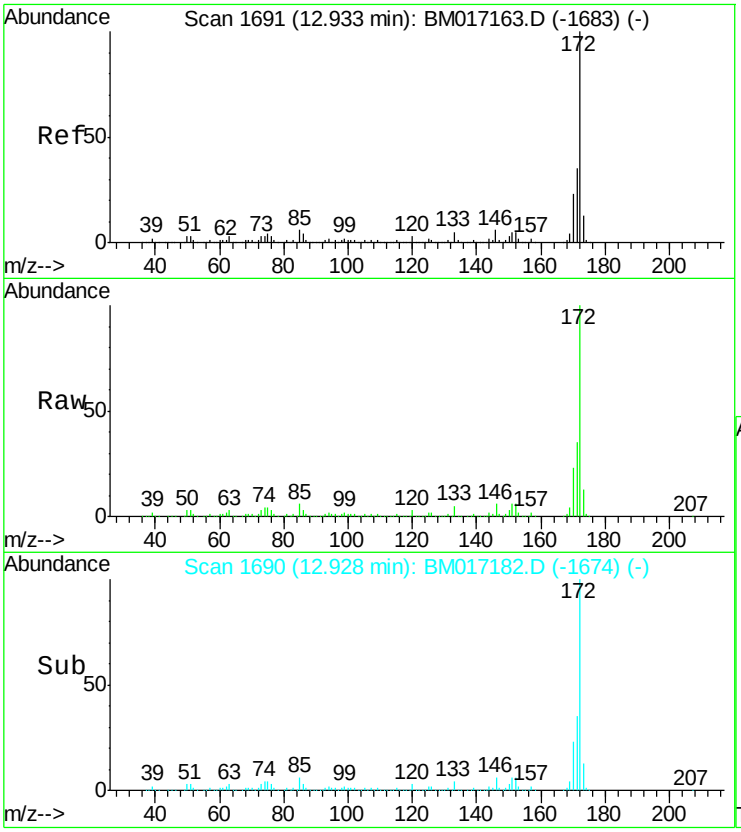




#44
2,4,5-Trichlorophenol
Concen: 7.976 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:196 Resp: 81142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.0 | 76.6 | 115.0 |
| 97 | 45.6 | 35.5 | 53.3 |
| 132 | 23.3 | 20.7 | 31.1 |



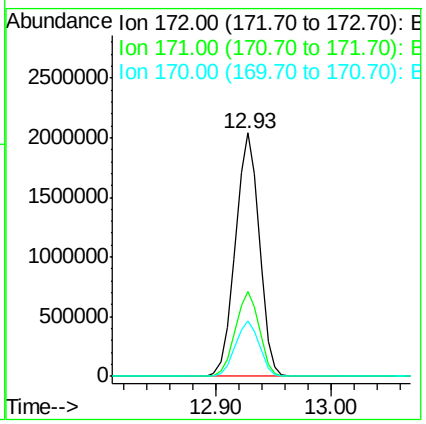


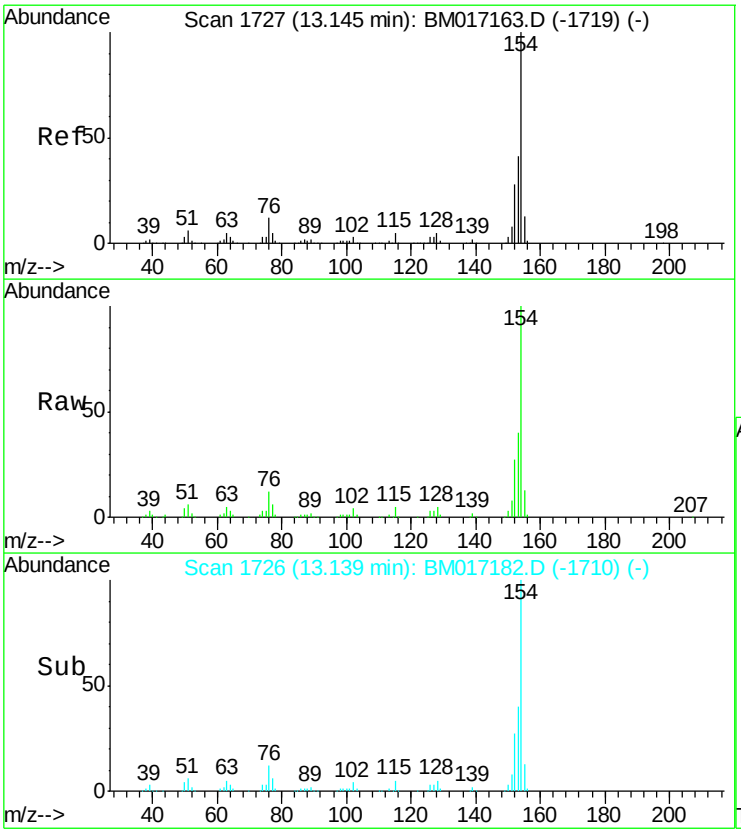

#45
2-Fluorobiphenyl
Concen: 83.654 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:172 Resp: 2917834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.3 | 42.5 |
| 170 | 22.8 | 18.3 | 27.5 |

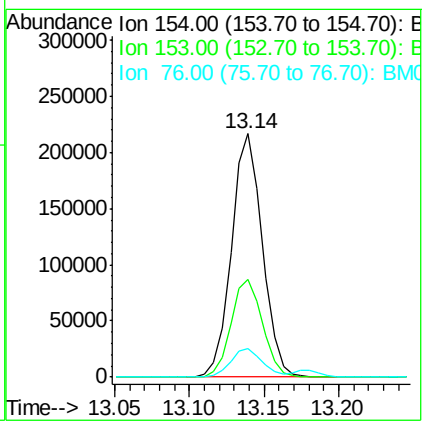


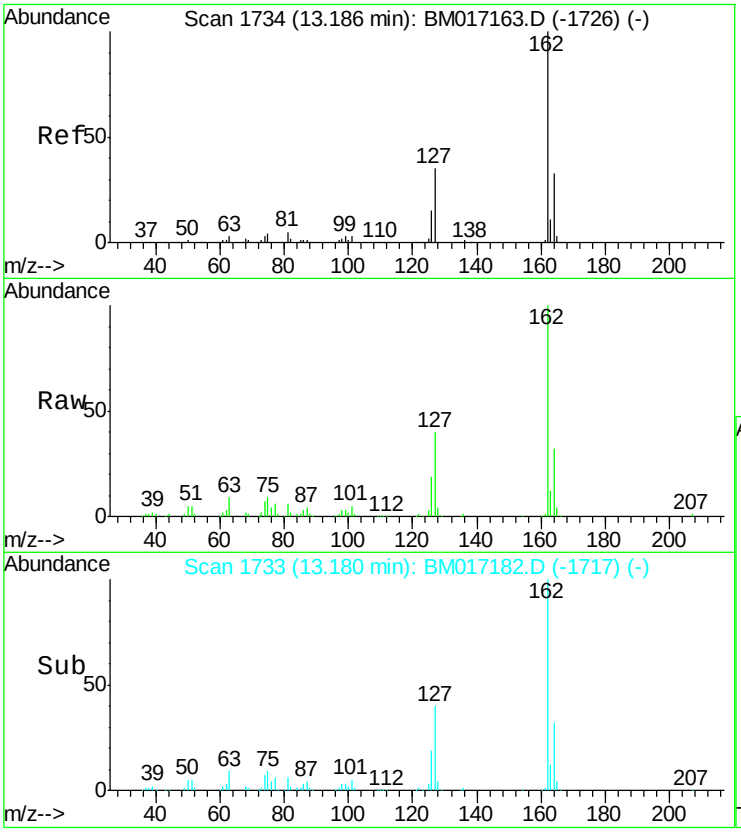




#46
1,1'-Biphenyl
Concen: 7.486 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:154 Resp: 312630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.9 | 20.5 | 60.5 |
| 76 | 11.9 | 0.0 | 31.8 |



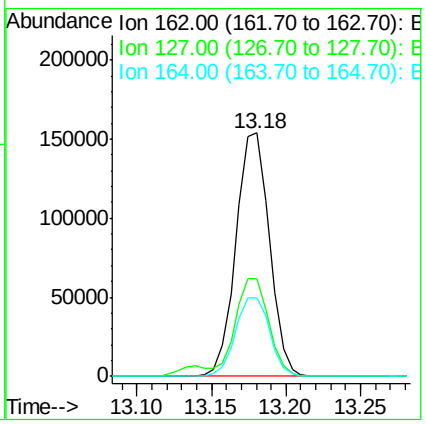


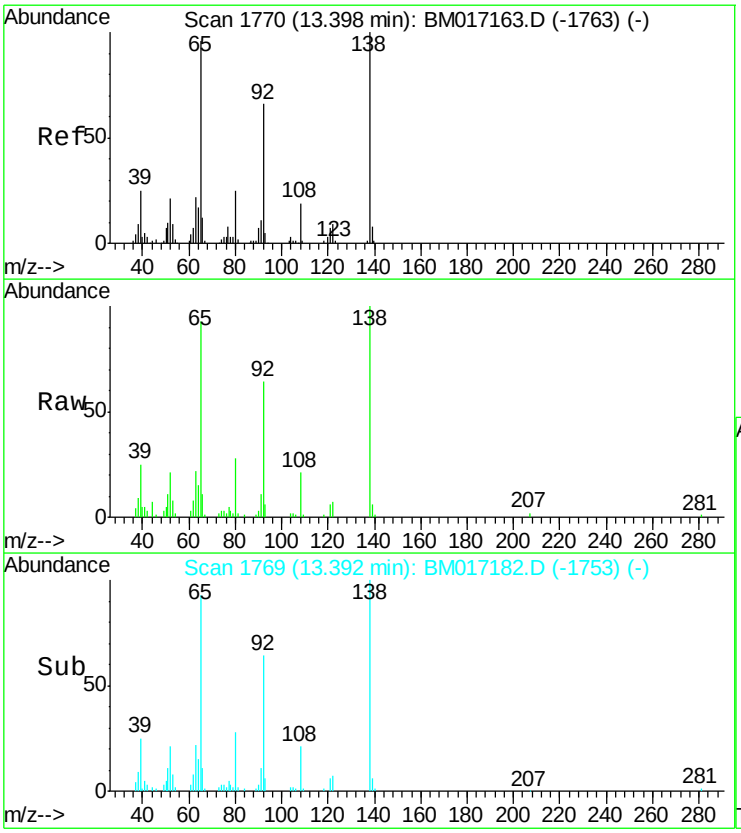

#47
2-Chloronaphthalene
Concen: 7.778 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:162 Resp: 238970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.0 | 31.0 | 46.4 |
| 164 | 32.5 | 26.6 | 39.8 |

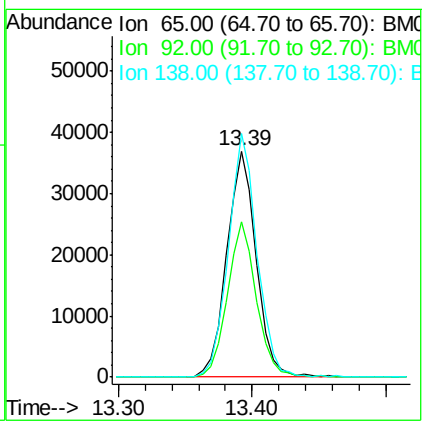


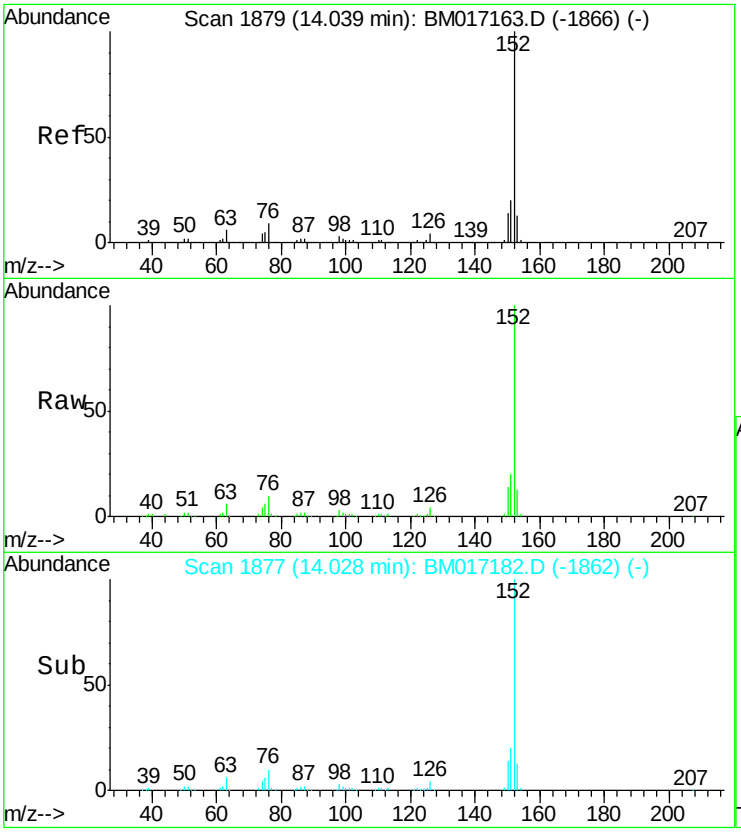




#48
2-Nitroaniline
Concen: 11.473 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 65 Resp: 56967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.9 | 54.9 | 82.3 |
| 138 | 107.8 | 83.7 | 125.5 |



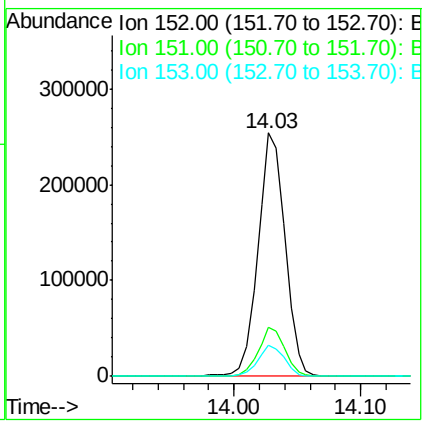


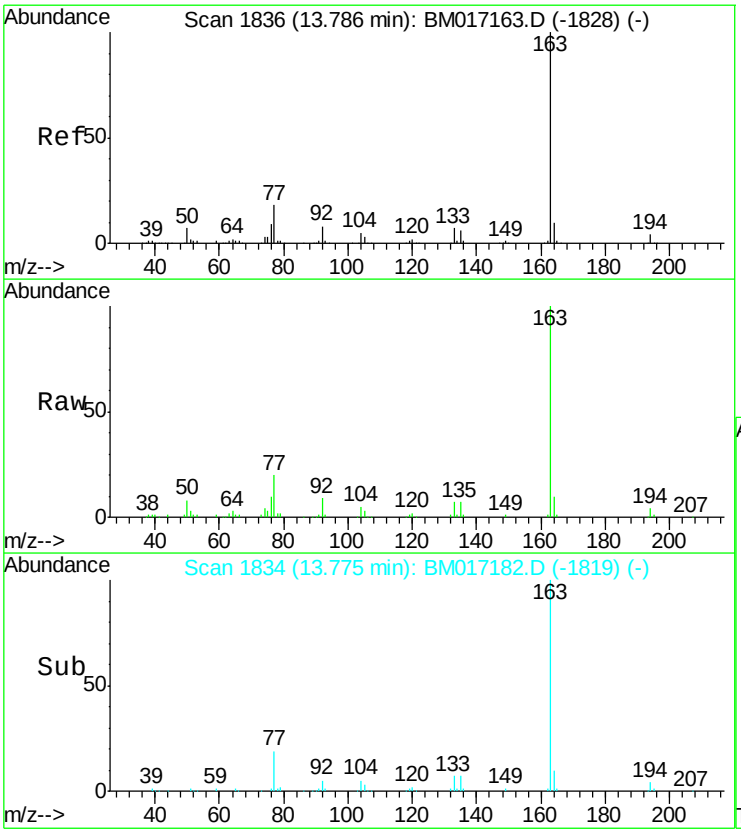

#49
Acenaphthylene
Concen: 8.499 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 378475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.0 | 24.0 |
| 153 | 12.8 | 10.4 | 15.6 |

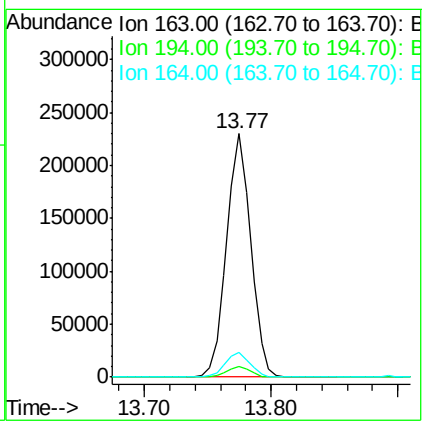


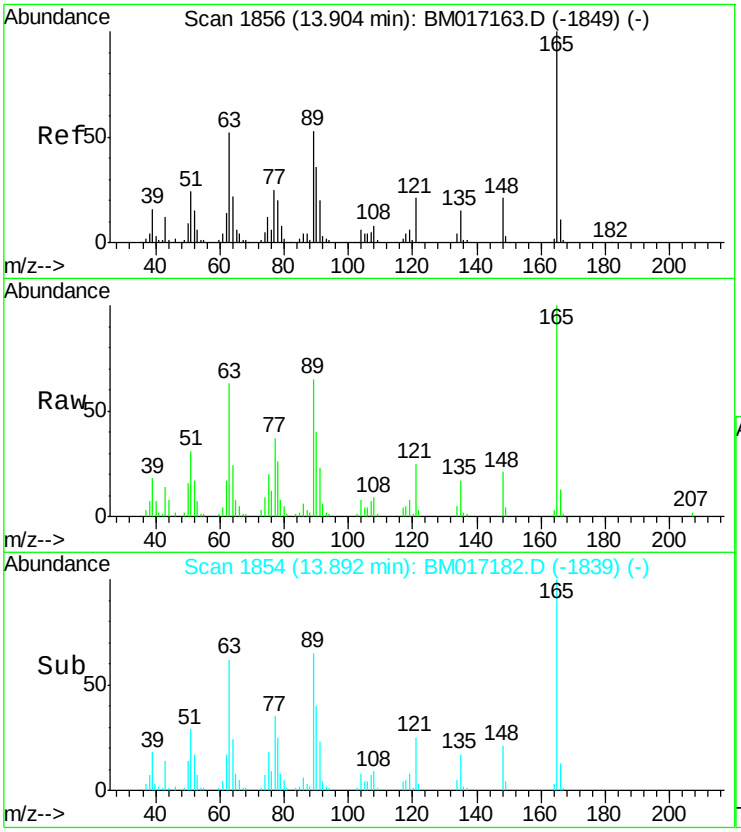




#50
Dimethylphthalate
Concen: 8.468 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:163 Resp: 303204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.0 | 7.8 | 11.8 |



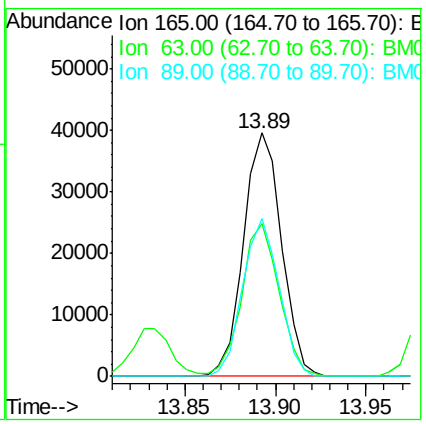


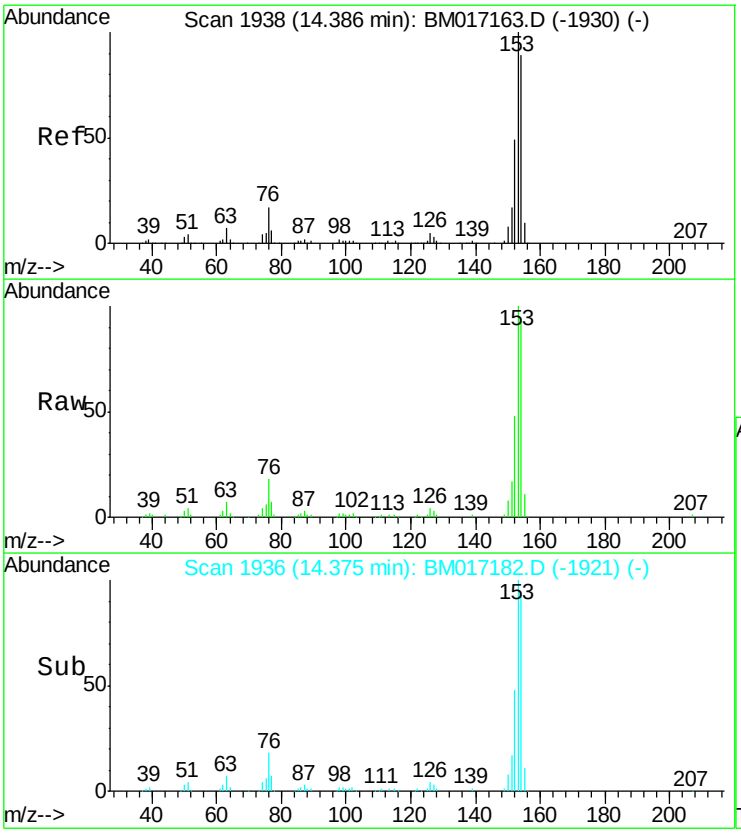

#51
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:165 Resp: 57702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.6 | 42.7 | 64.1 |
| 89 | 65.1 | 42.1 | 63.1# |

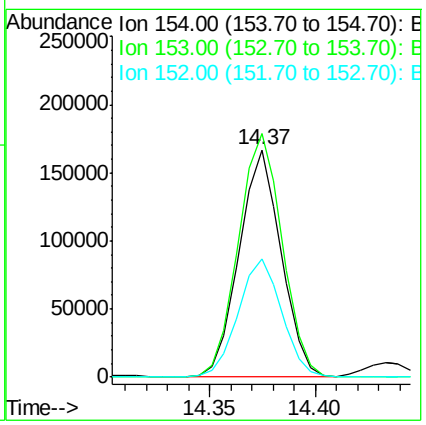


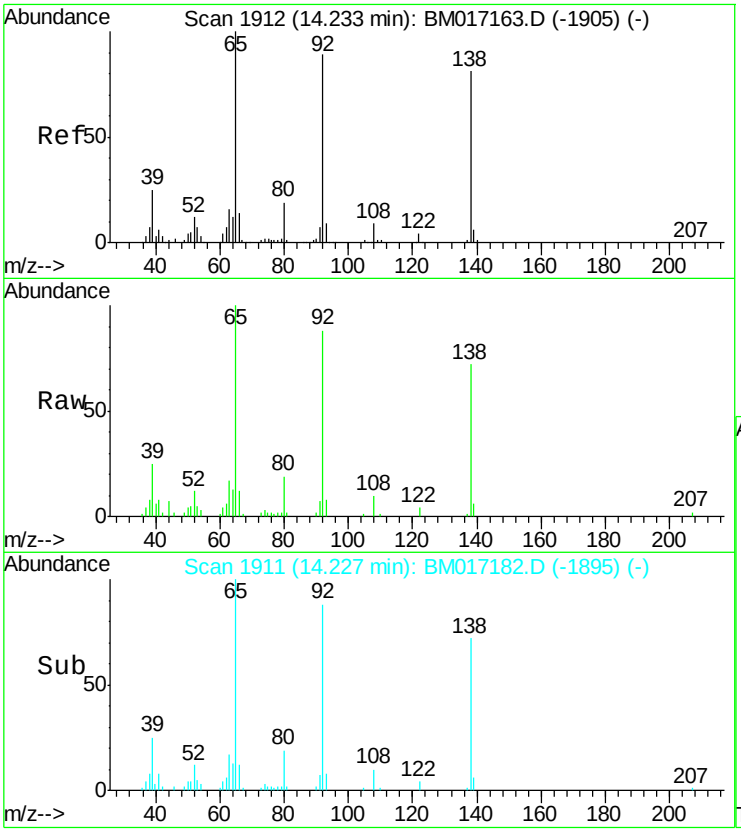




#52
Acenaphthene
Concen: 8.249 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:154 Resp: 230671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.3 | 90.2 | 135.2 |
| 152 | 51.9 | 44.2 | 66.4 |



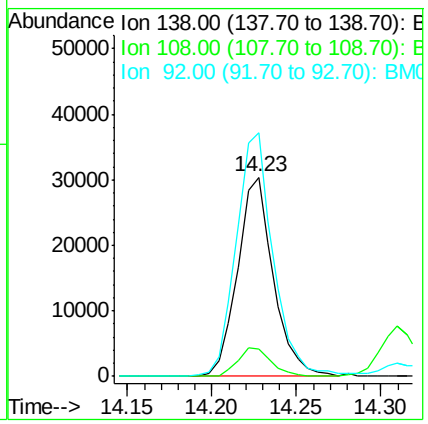


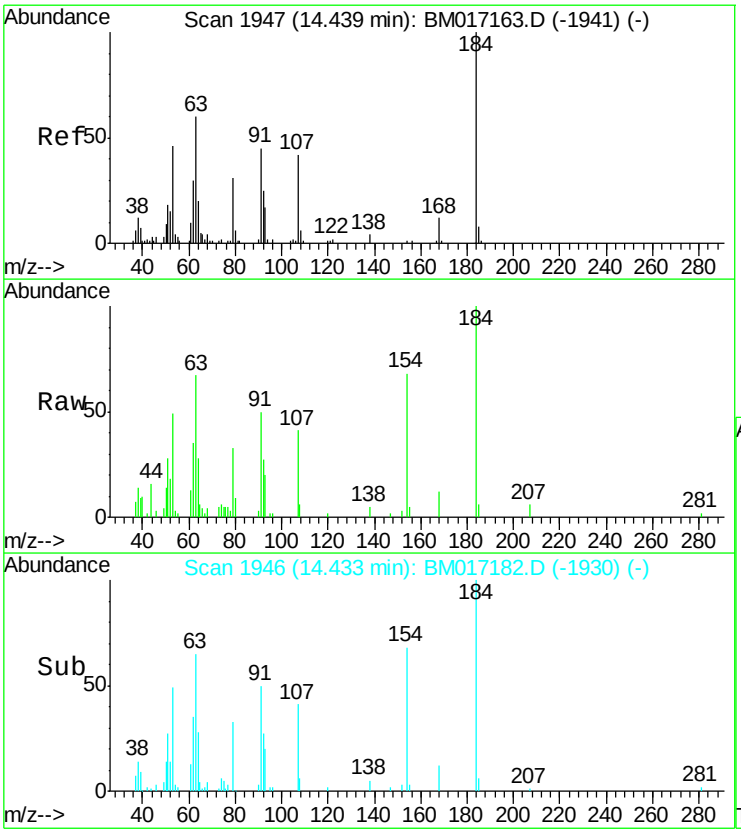

#53
3-Nitroaniline
Concen: 5.276 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:138 Resp: 45032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.8 | 8.7 | 13.1# |
| 92 | 122.3 | 87.9 | 131.9 |

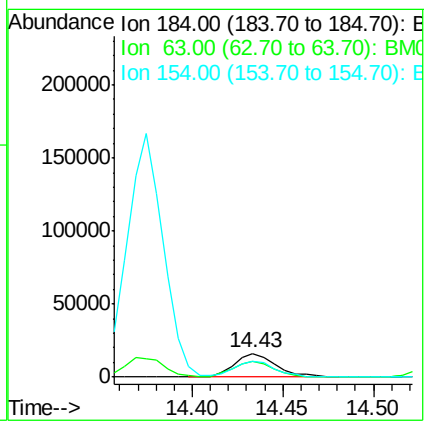


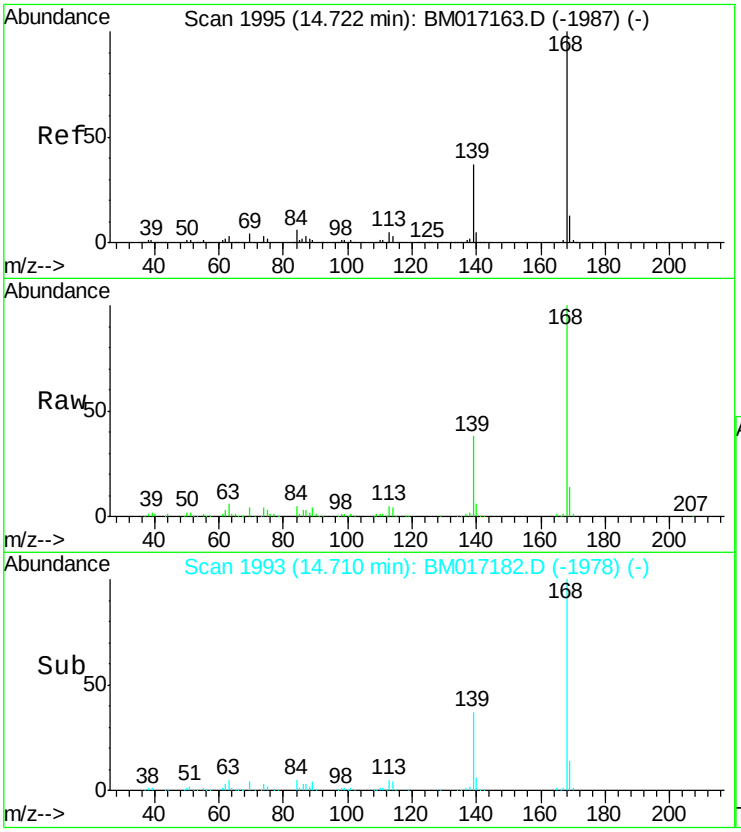




#54
2,4-Dinitrophenol
Concen: 13.197 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:184 Resp: 25613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 66.8 | 51.2 | 76.8 |
| 154 | 68.1 | 47.8 | 71.8 |



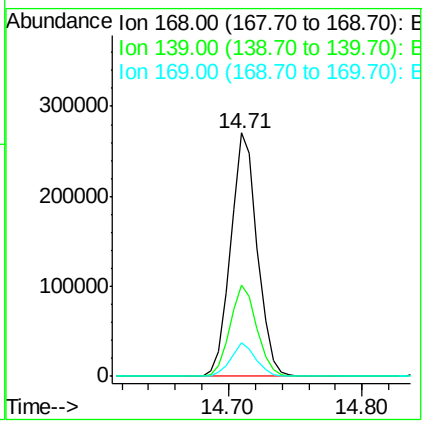


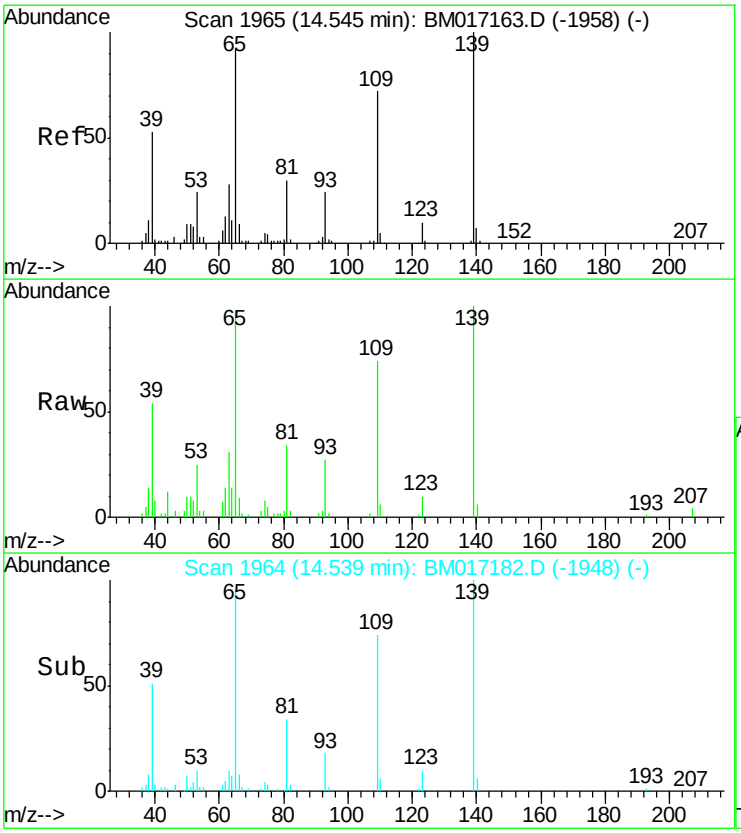

#55
Dibenzofuran
Concen: 8.073 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:168 Resp: 375384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.6 | 29.3 | 43.9 |
| 169 | 13.6 | 10.6 | 15.8 |

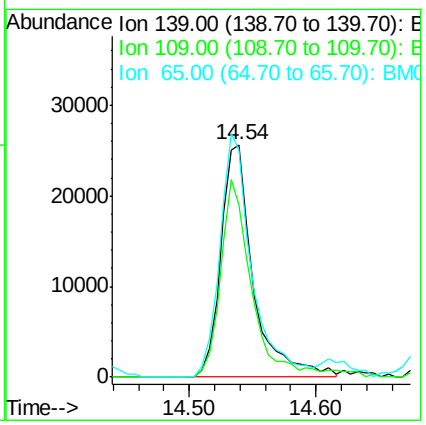


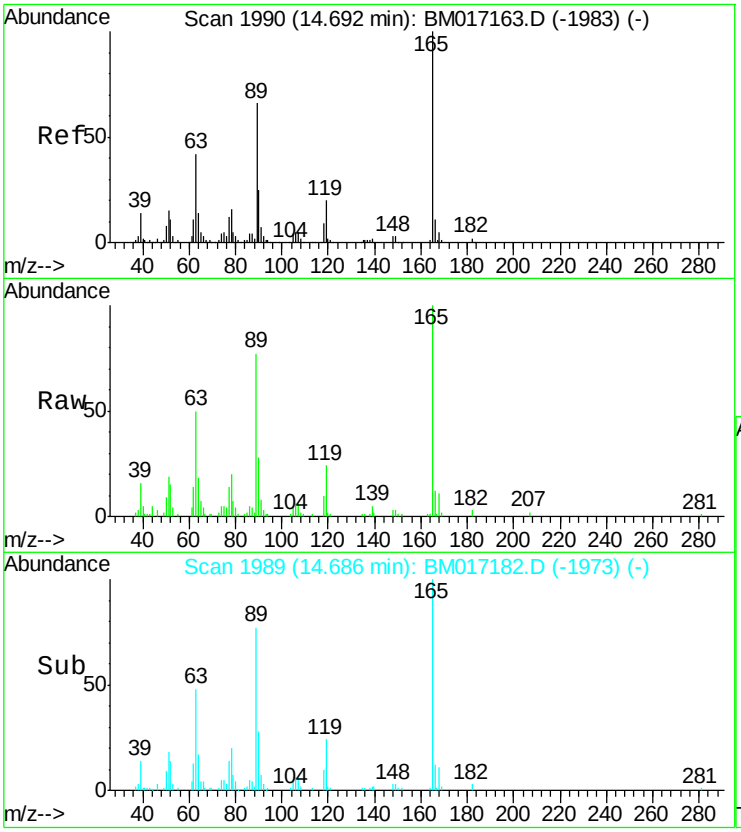




#56
4-Nitrophenol
Concen: 10.209 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:139 Resp: 45401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.1 | 51.8 | 91.8 |
| 65 | 97.7 | 72.1 | 112.1 |



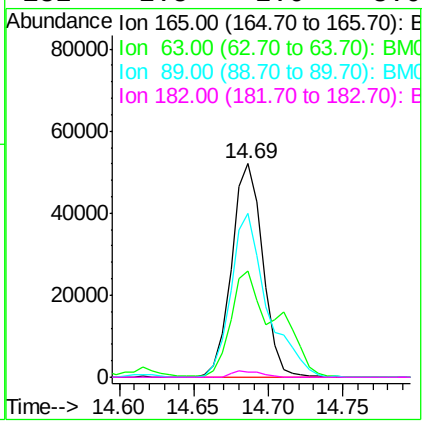


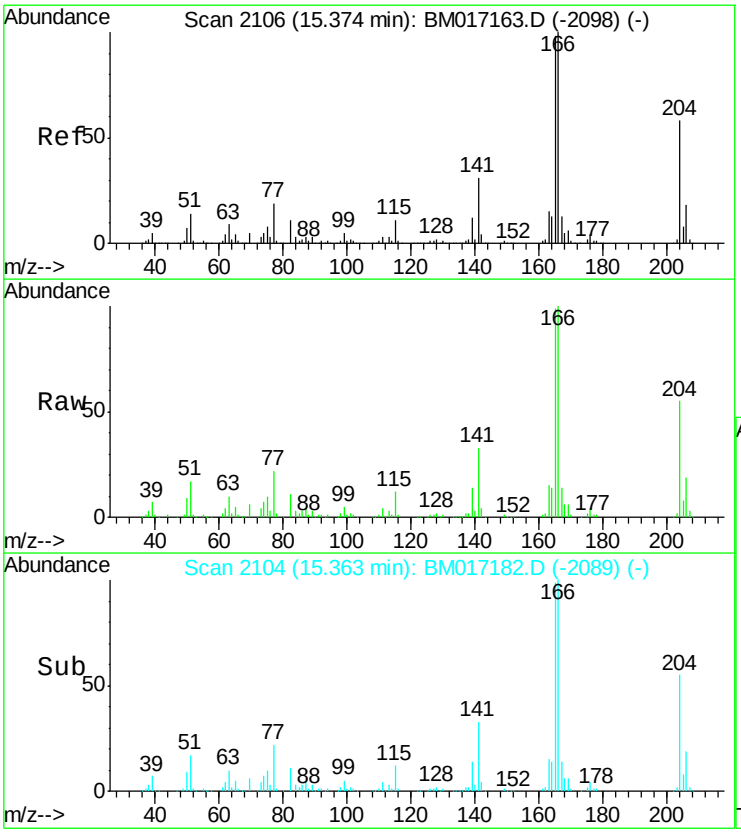

#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:165 Resp: 75869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.7 | 33.8 | 50.8 |
| 89 | 76.7 | 53.1 | 79.7 |
| 182 | 2.5 | 2.0 | 3.0 |

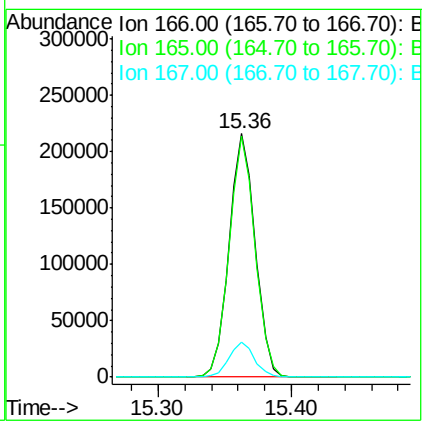


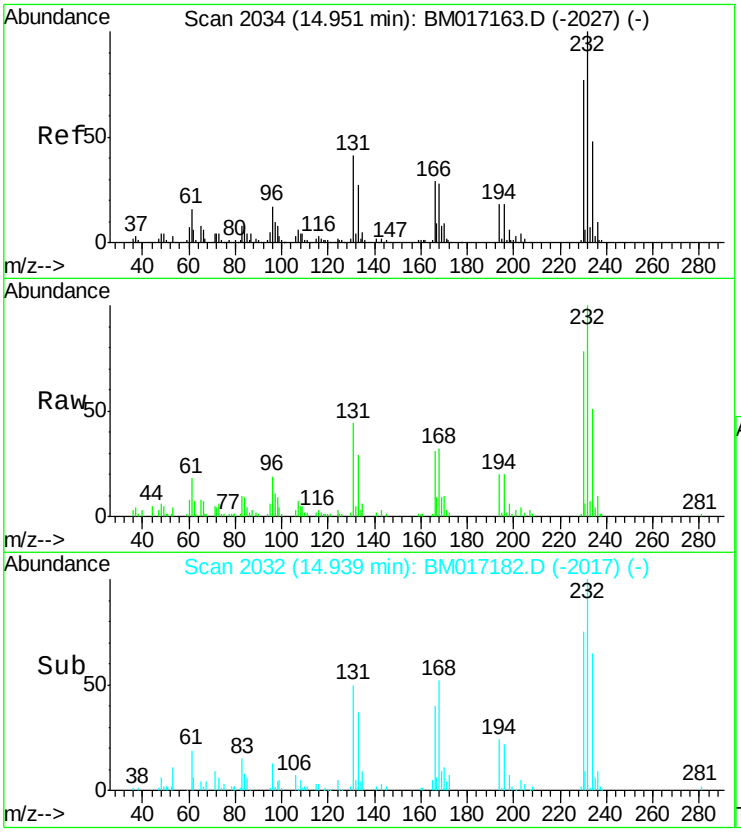




#58
Fluorene
Concen: 8.577 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:166 Resp: 295202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 78.1 | 117.1 |
| 167 | 14.2 | 10.6 | 16.0 |



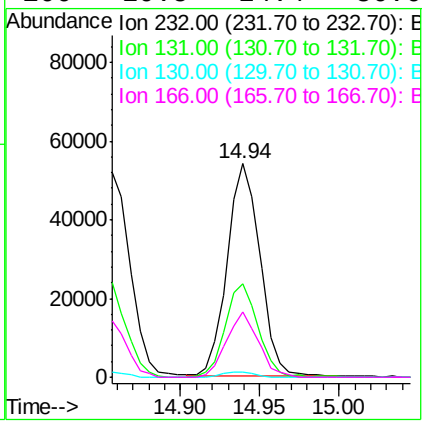


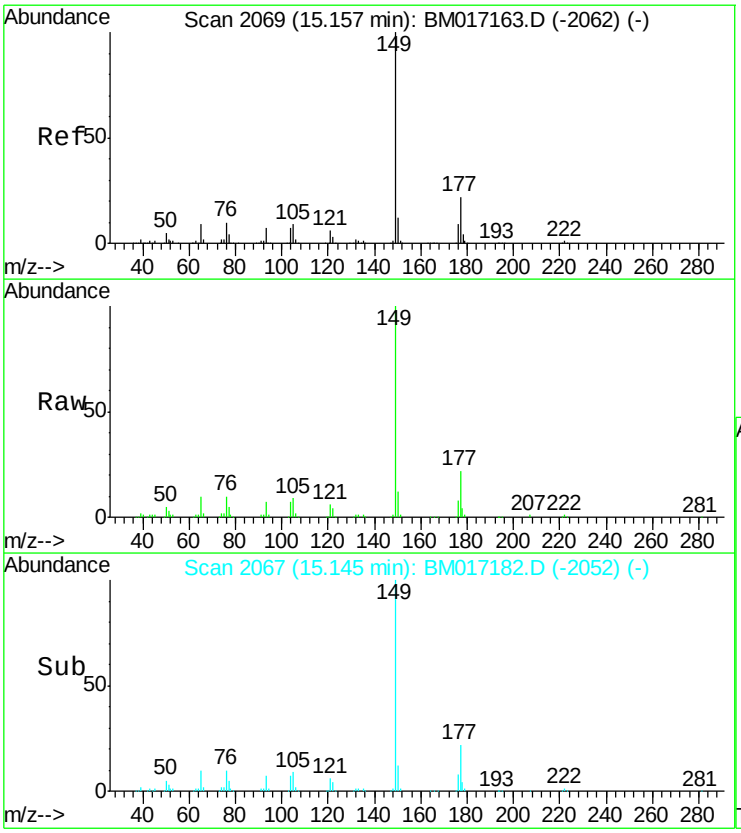

#59
2,3,4,6-Tetrachlorophenol
Concen: 8.346 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:232 Resp: 77403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.0 | 33.1 | 49.7 |
| 130 | 2.4 | 1.7 | 2.5 |
| 166 | 29.5 | 24.4 | 36.6 |

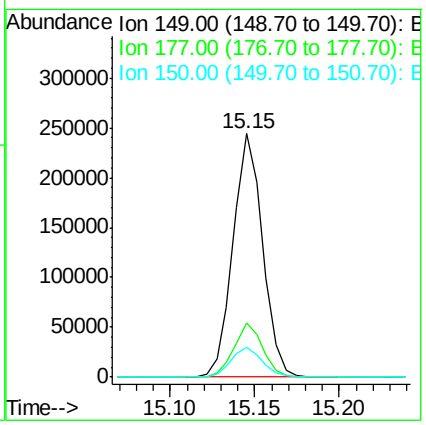


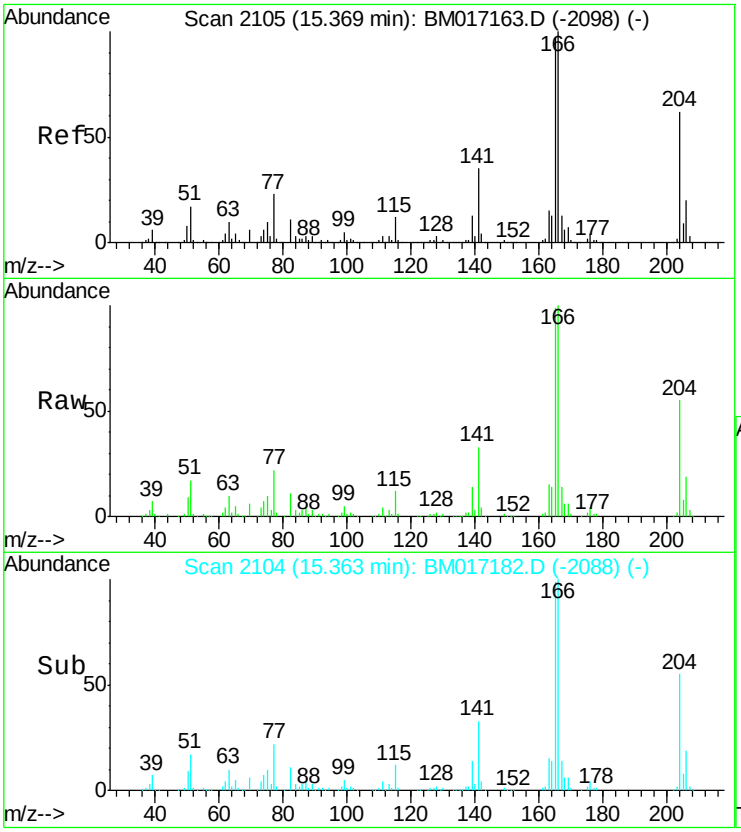




#60
Diethylphthalate
Concen: 8.378 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:149 Resp: 297478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.7 | 26.5 |
| 150 | 12.1 | 10.0 | 15.0 |



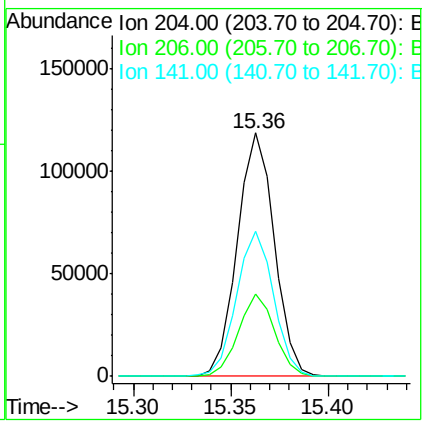


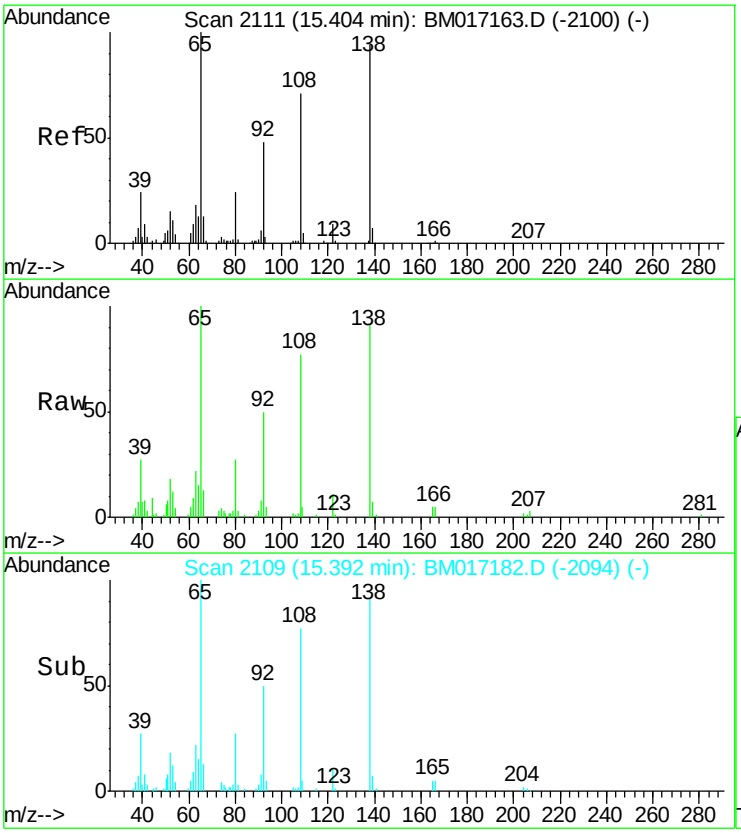

#61
4-Chlorophenyl-phenylether
Concen: 7.956 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:204 Resp: 156103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.1 | 39.1 |
| 141 | 59.8 | 45.4 | 68.2 |

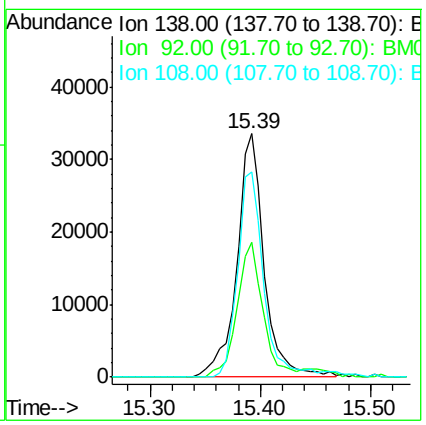


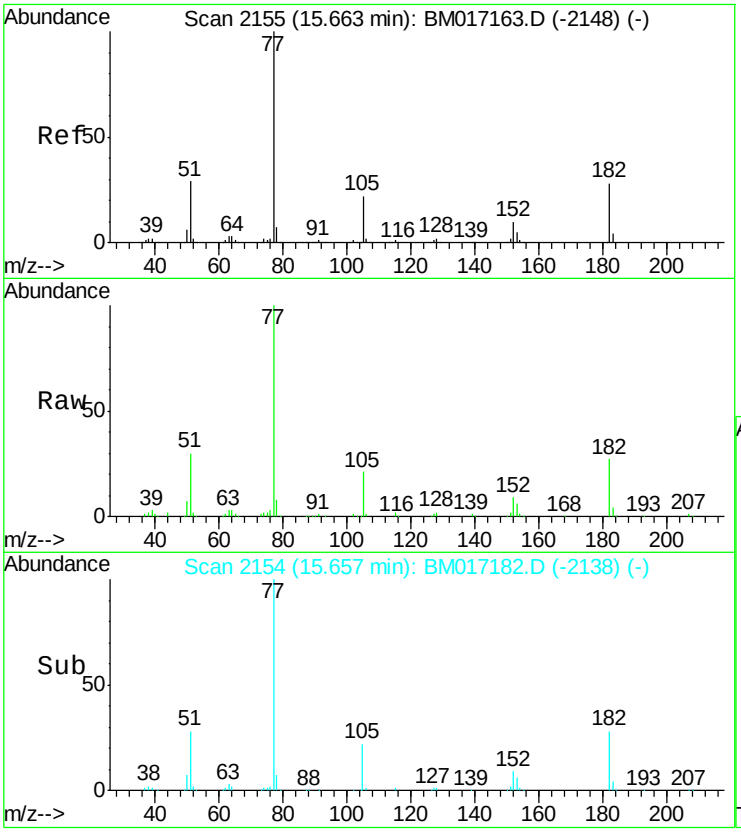




#62
4-Nitroaniline
Concen: 10.254 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:138 Resp: 58138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.3 | 31.2 | 71.2 |
| 108 | 84.5 | 55.5 | 95.5 |



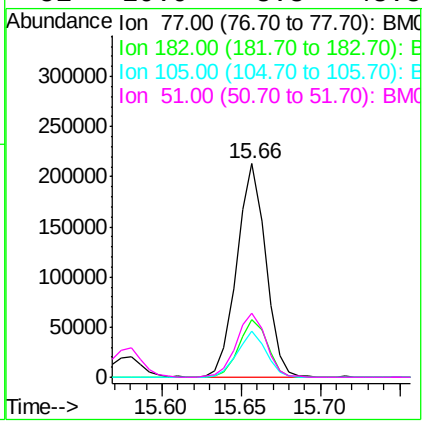


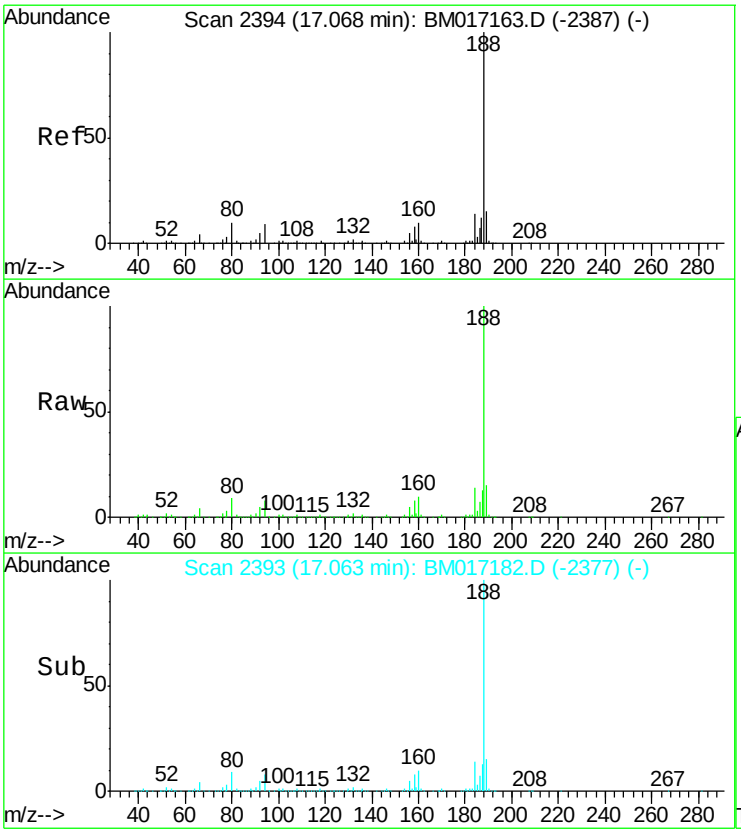

#63
Azobenzene
Concen: 7.759 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 267786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.1 | 8.3 | 48.3 |
| 105 | 21.4 | 1.5 | 41.5 |
| 51 | 29.9 | 8.8 | 48.8 |

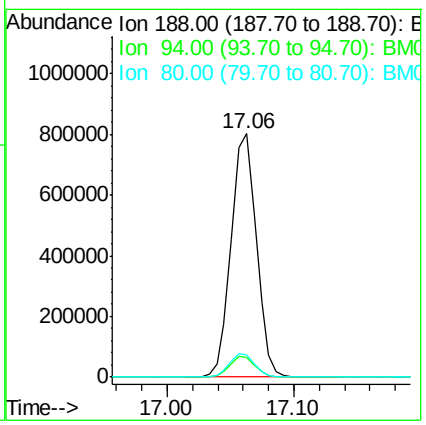


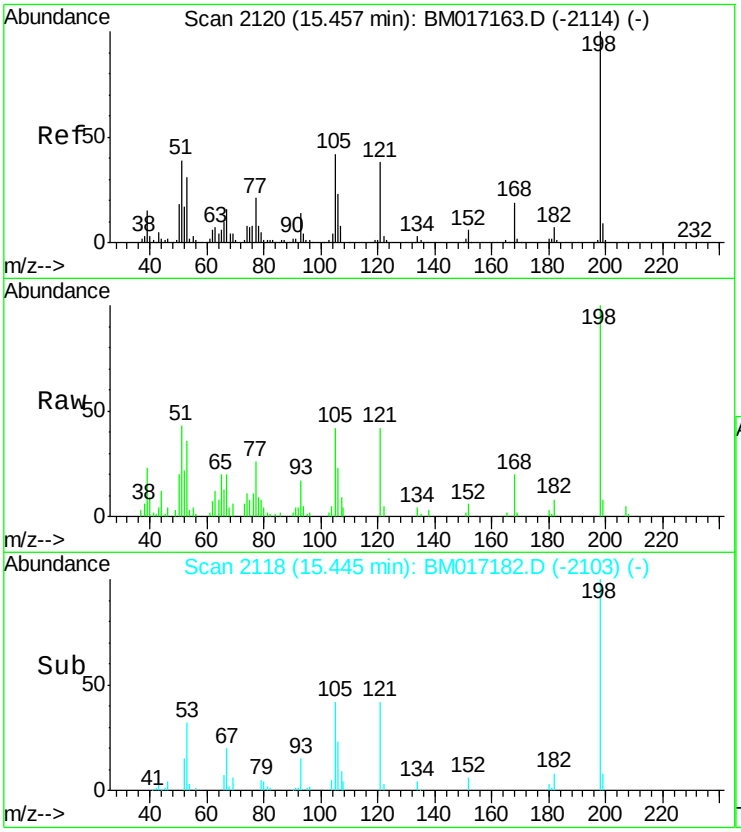




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:188 Resp: 1107477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 7.0 | 10.4 |
| 80 | 9.1 | 7.7 | 11.5 |



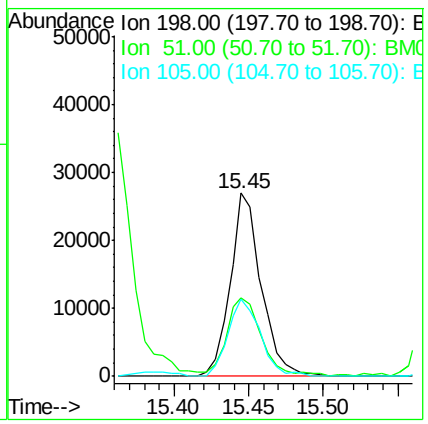


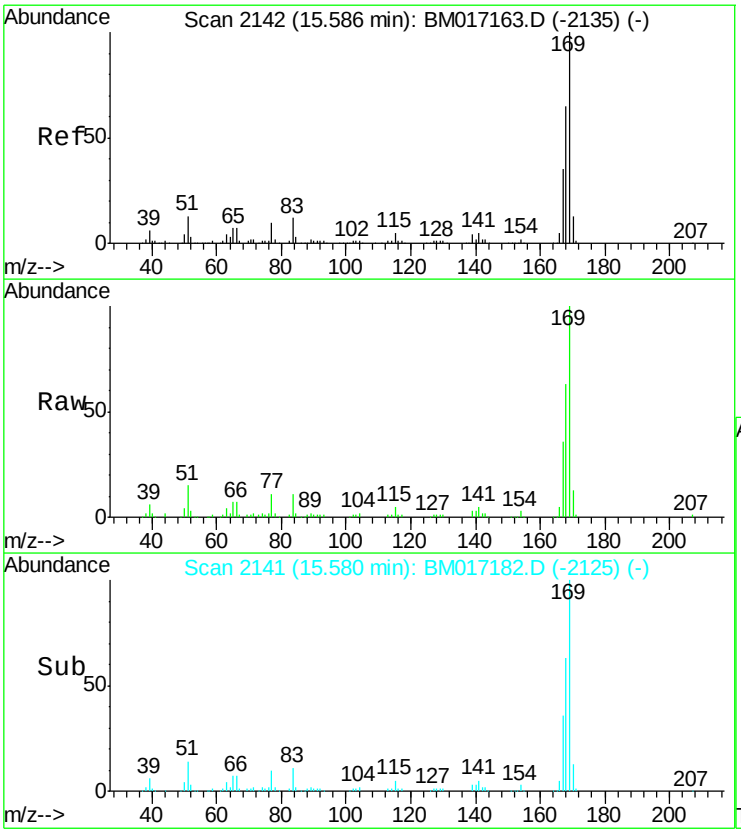

#65
4,6-Dinitro-2-methylphenol
Concen: 11.701 ng
RT: 15.45 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:198 Resp: 39122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.0 | 20.3 | 60.3 |
| 105 | 42.0 | 21.9 | 61.9 |

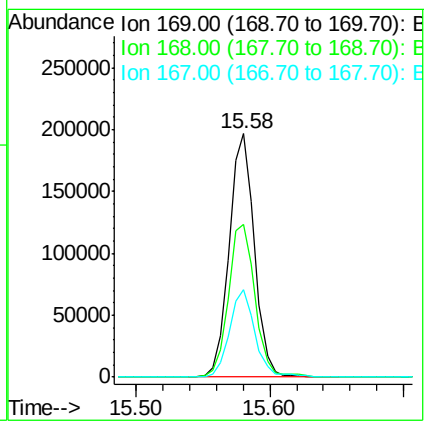


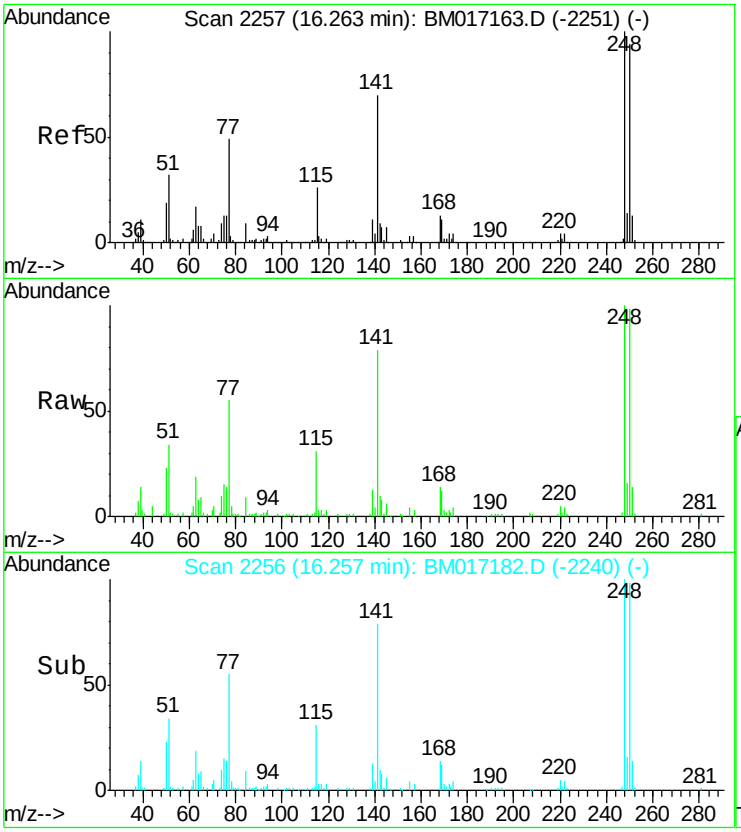




#66
n-Nitrosodiphenylamine
Concen: 7.750 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:169 Resp: 259673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 62.9 | 52.2 | 78.4 |
| 167 | 36.1 | 28.4 | 42.6 |



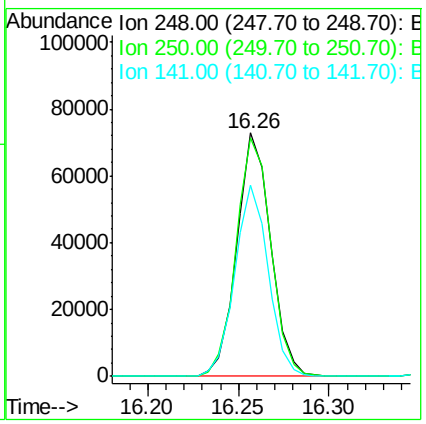


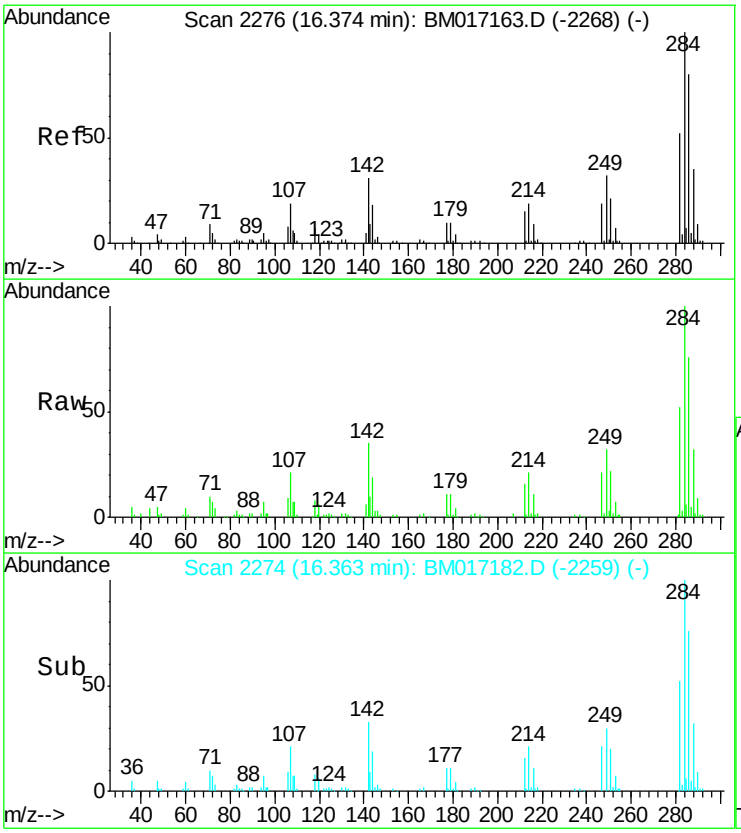

#67
4-Bromophenyl-phenylether
Concen: 7.786 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:248 Resp: 94677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 75.1 | 112.7 |
| 141 | 78.6 | 55.6 | 83.4 |

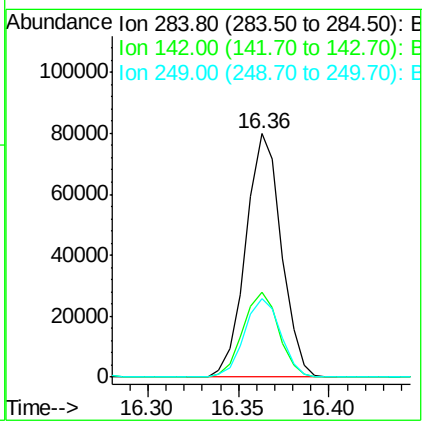


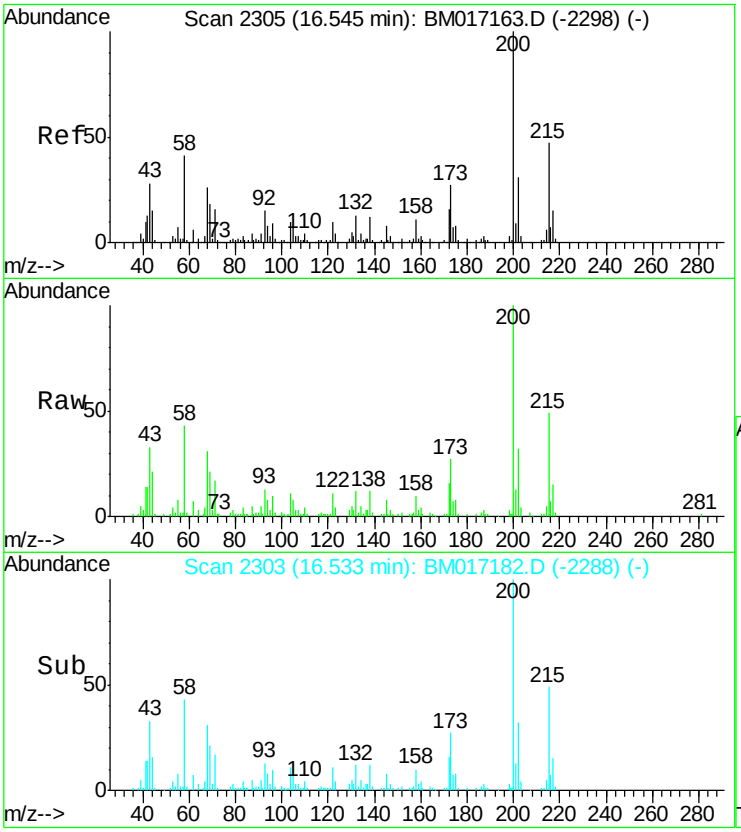




#68
Hexachlorobenzene
Concen: 7.717 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:284 Resp: 109005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.6 | 25.0 | 37.6 |
| 249 | 32.1 | 25.5 | 38.3 |



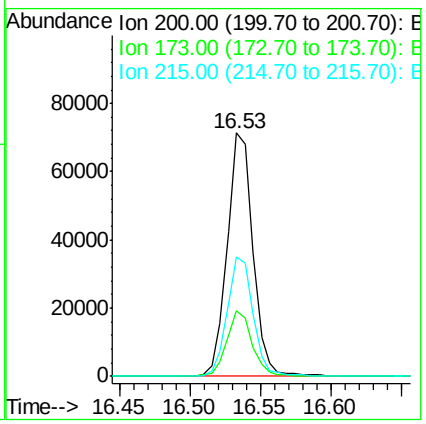


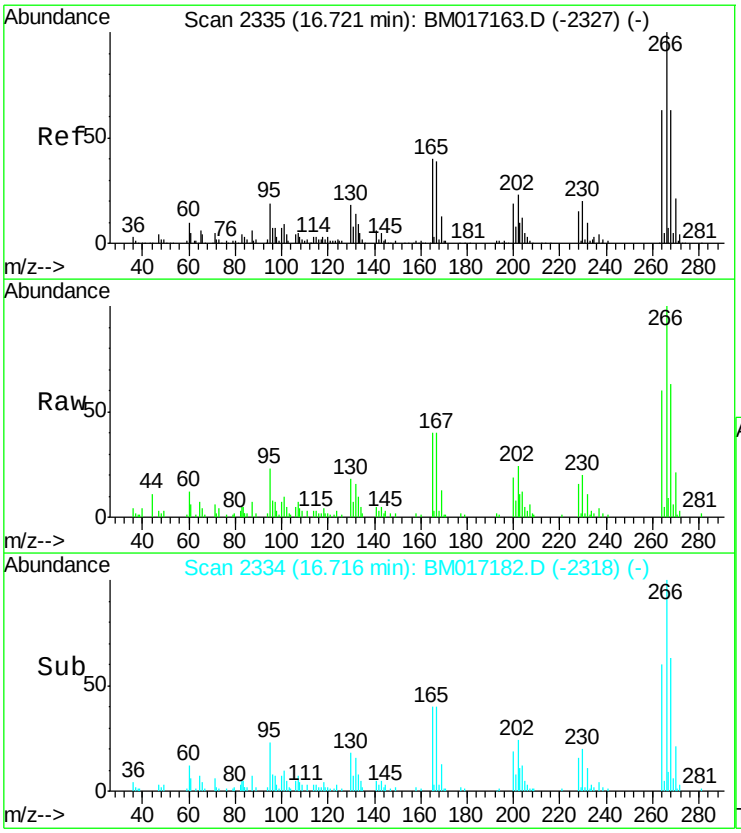

#69
Atrazine
Concen: 7.571 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:200 Resp: 90788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.8 | 7.0 | 47.0 |
| 215 | 49.2 | 27.3 | 67.3 |

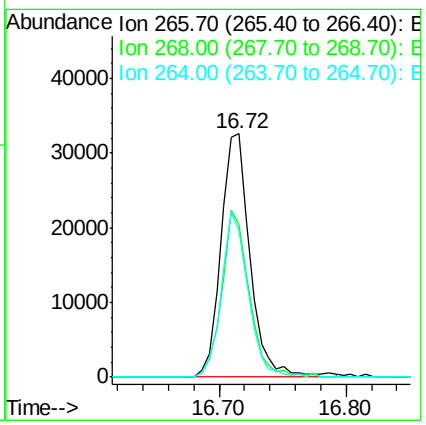


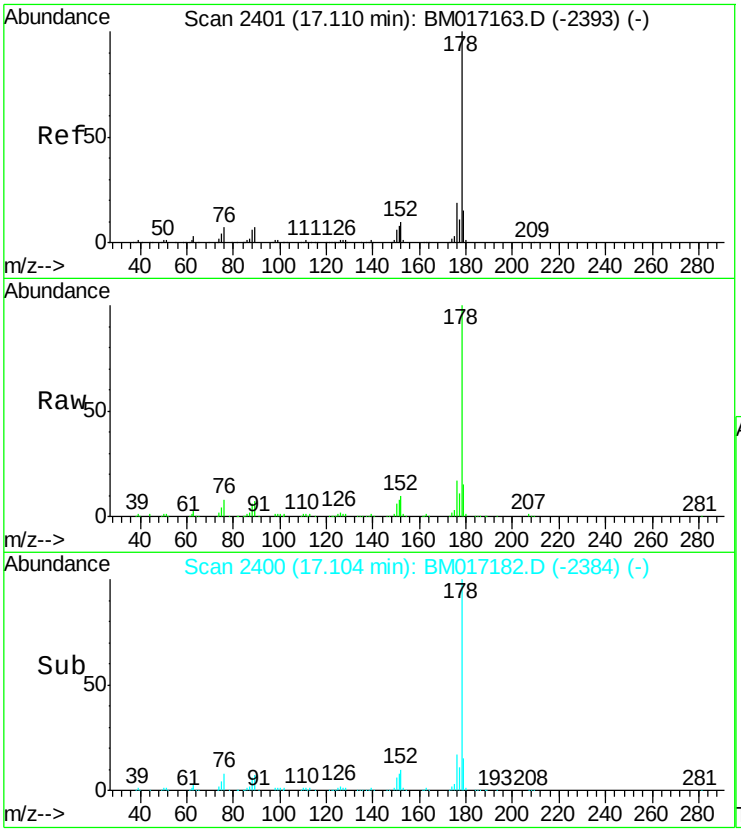




#70
Pentachlorophenol
Concen: 5.348 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:266 Resp: 51752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.9 | 50.7 | 76.1 |
| 264 | 59.9 | 50.4 | 75.6 |



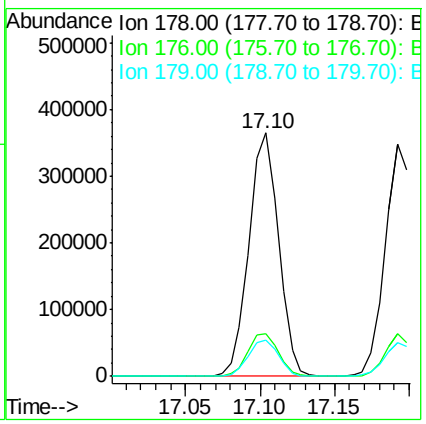


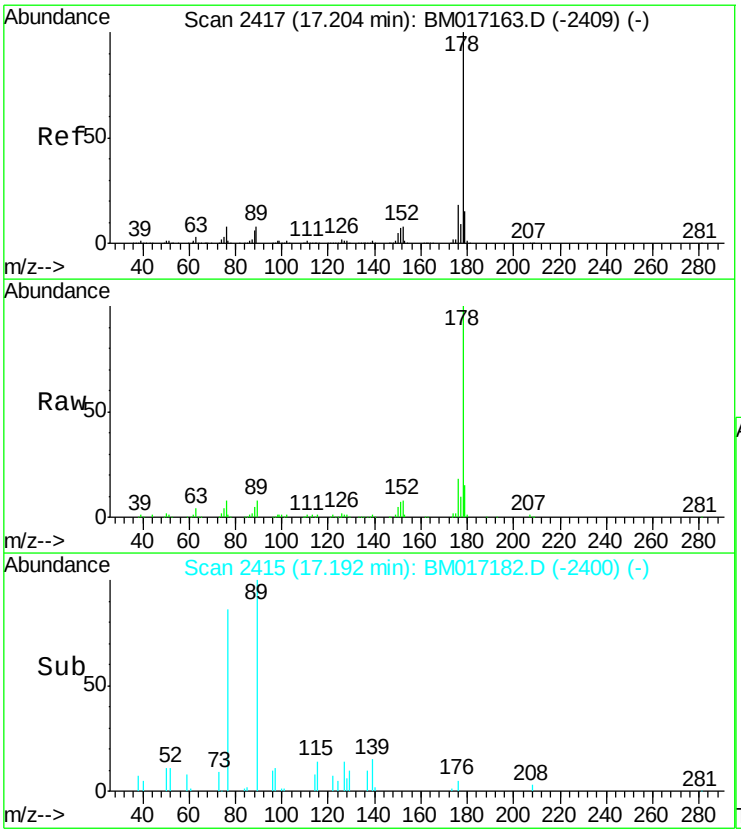

#71
Phenanthrene
Concen: 8.376 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:178 Resp: 500506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.3 | 15.0 | 22.6 |
| 179 | 15.1 | 12.3 | 18.5 |

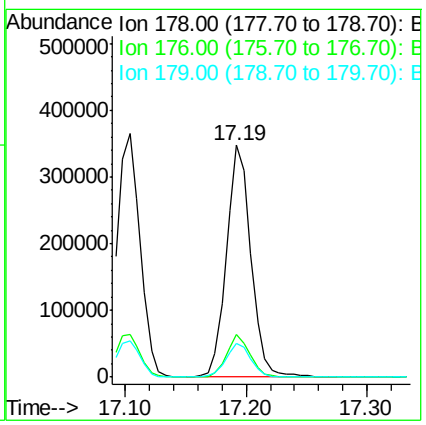


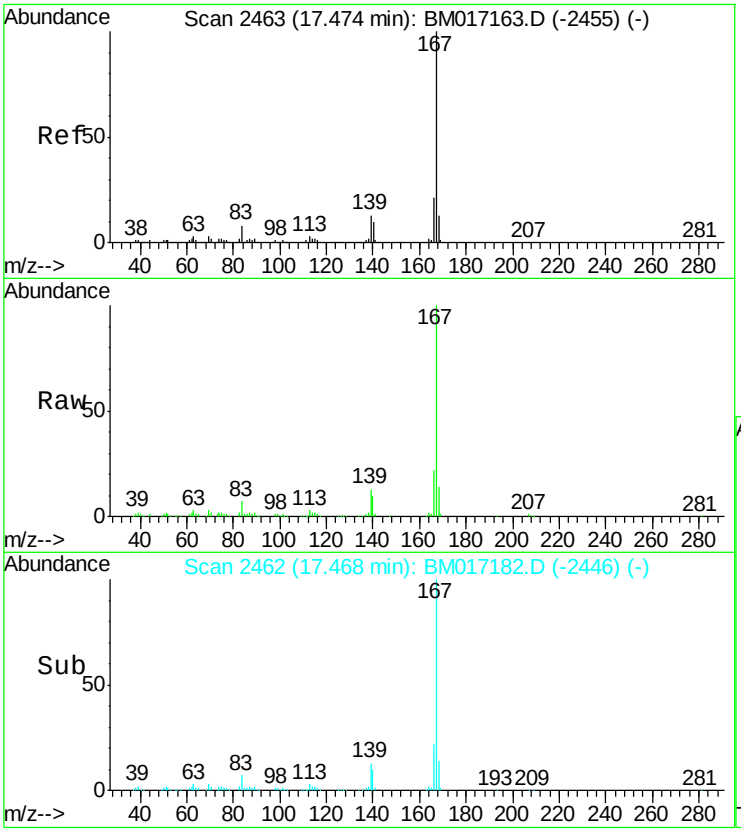




#72
Anthracene
Concen: 8.534 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:178 Resp: 484528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.5 | 21.7 |
| 179 | 14.6 | 12.2 | 18.2 |



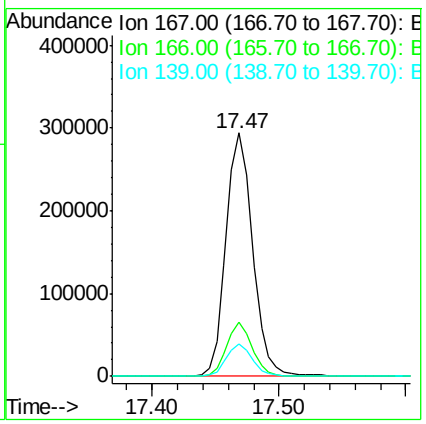


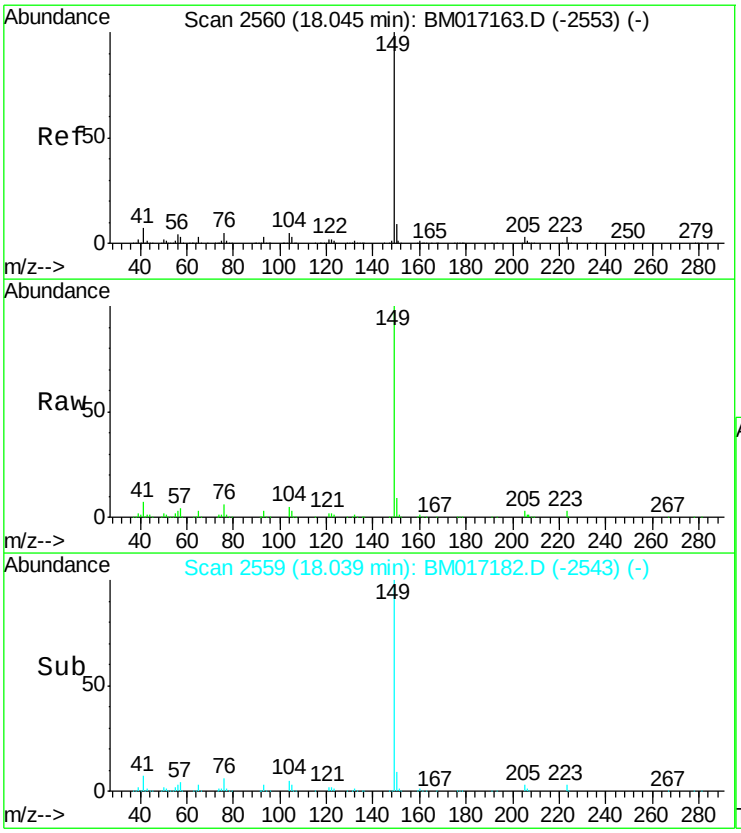

#73
Carbazole
Concen: 7.397 ng
RT: 17.47 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:167 Resp: 428983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 17.1 | 25.7 |
| 139 | 13.1 | 10.1 | 15.1 |

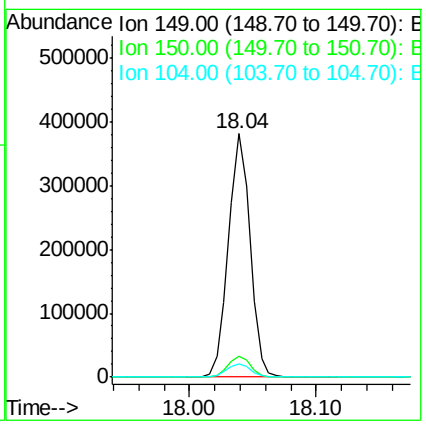


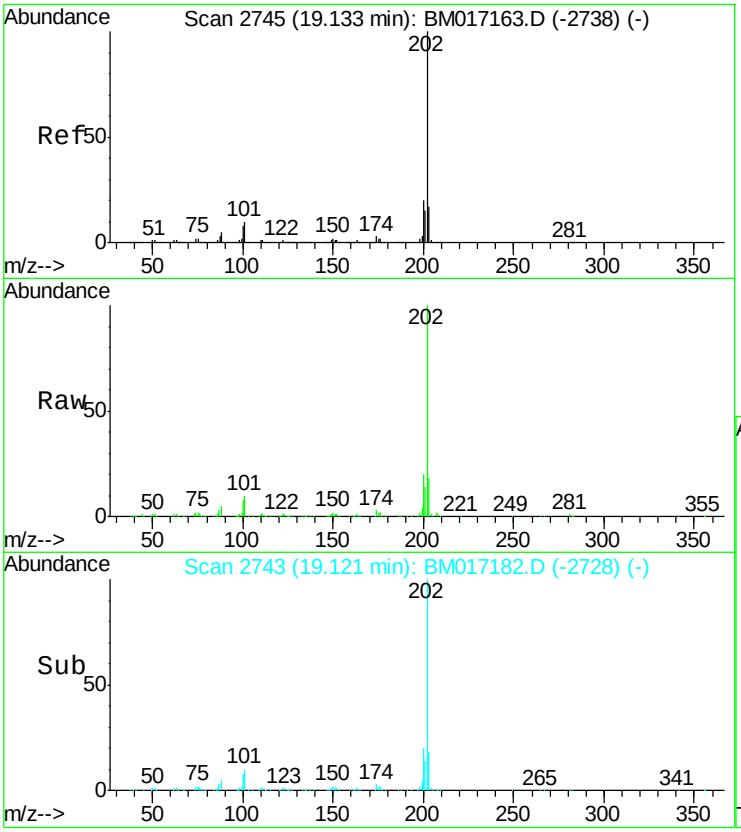




#74
Di-n-butylphthalate
Concen: 7.357 ng
RT: 18.04 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:149 Resp: 449997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.6 | 7.4 | 11.0 |
| 104 | 5.4 | 4.3 | 6.5 |



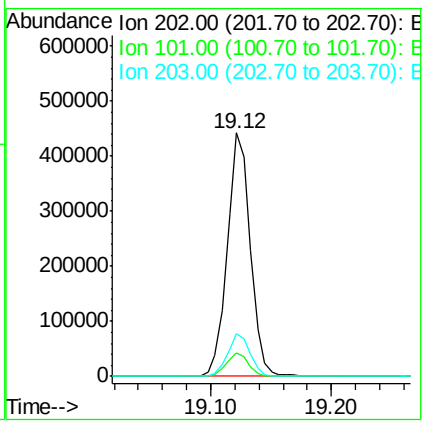


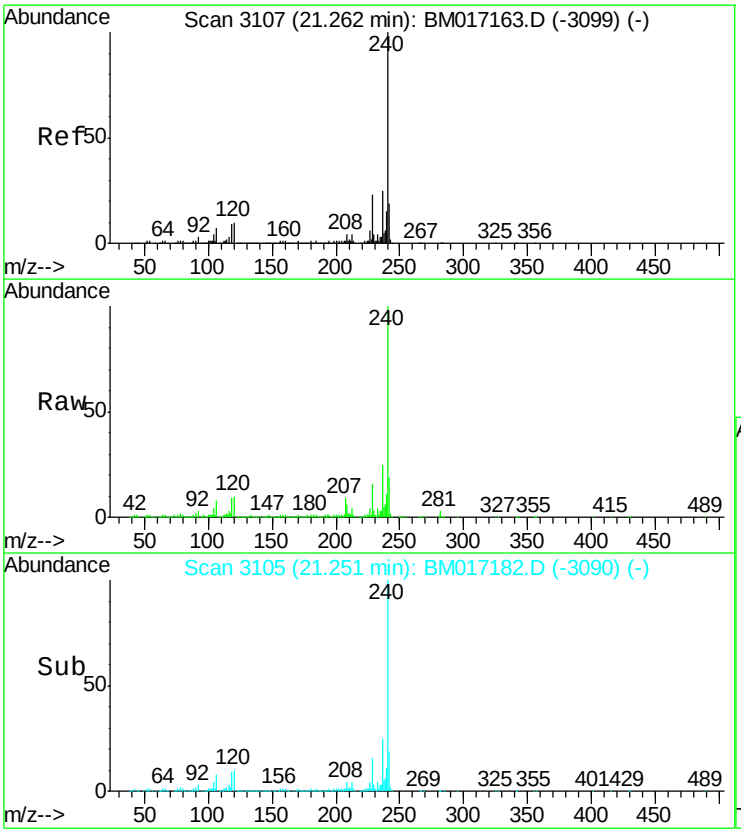

#75
Fluoranthene
Concen: 8.725 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:202 Resp: 586664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.8 | 0.0 | 30.0 |
| 203 | 17.7 | 0.0 | 37.2 |

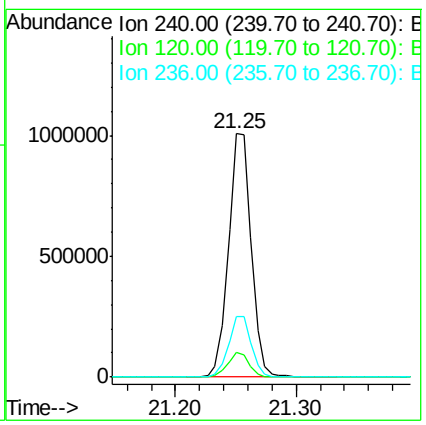


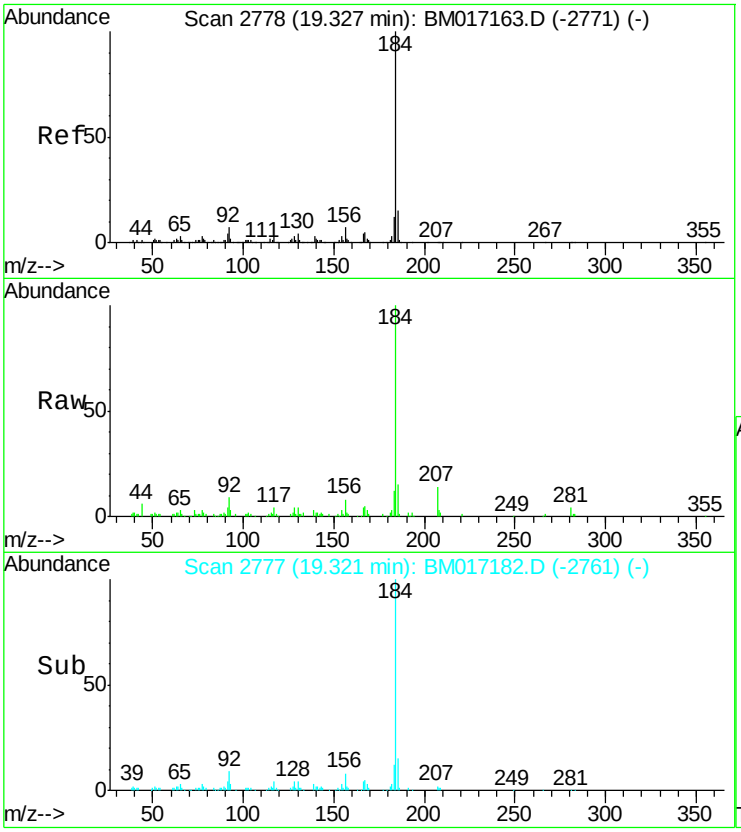




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:240 Resp: 1319105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.1 | 12.1 |
| 236 | 25.0 | 19.9 | 29.9 |



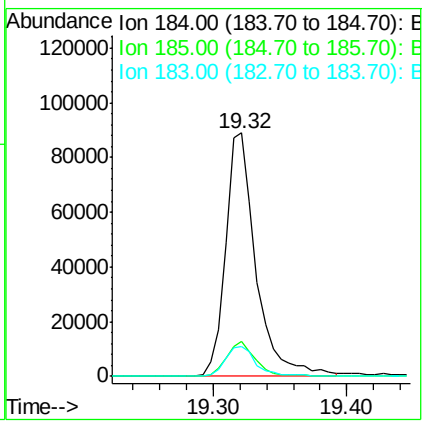


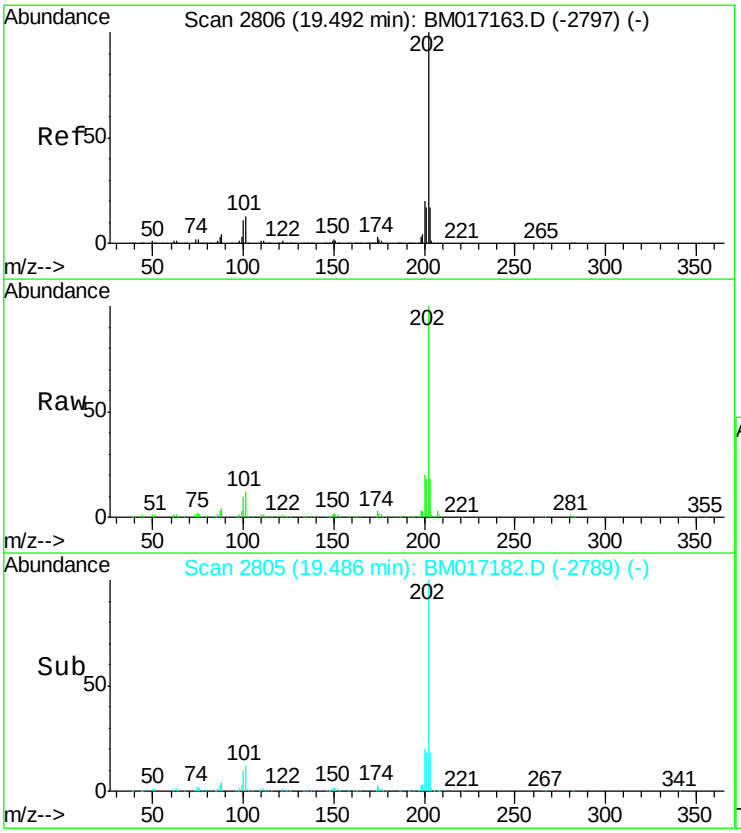

#77
Benzidine
Concen: 4.224 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:184 Resp: 141282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 11.8 | 17.8 |
| 183 | 12.4 | 9.7 | 14.5 |

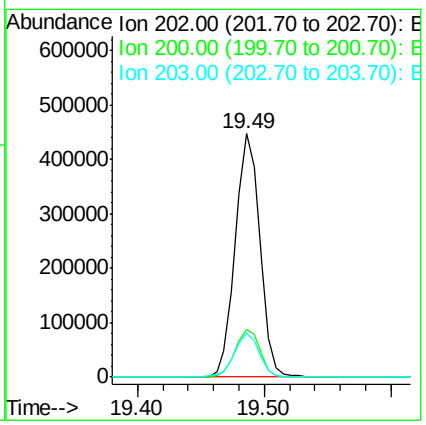


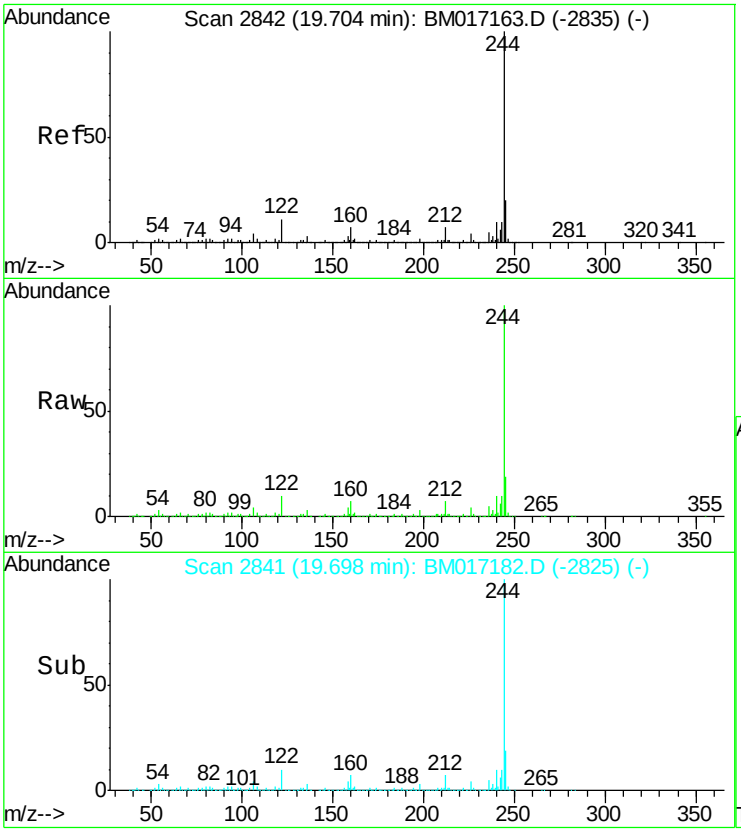




#78
Pyrene
Concen: 8.120 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:202 Resp: 598663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.7 | 16.3 | 24.5 |
| 203 | 17.9 | 13.9 | 20.9 |



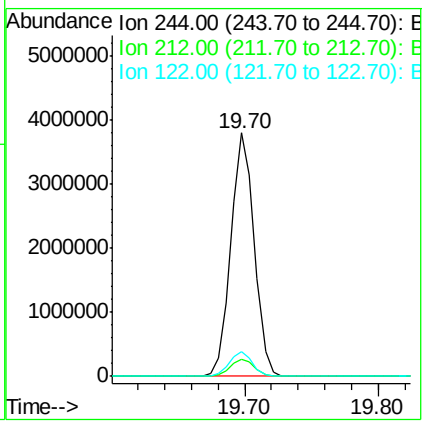


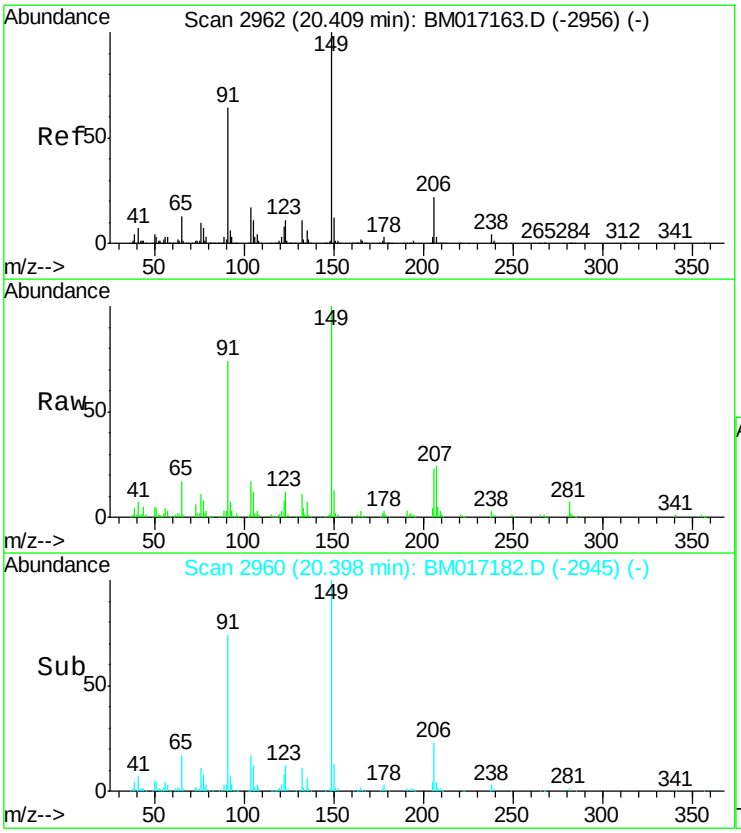

#79
Terphenyl-d14
Concen: 79.467 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:244 Resp: 4650627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.5 | 8.3 |
| 122 | 10.3 | 8.4 | 12.6 |

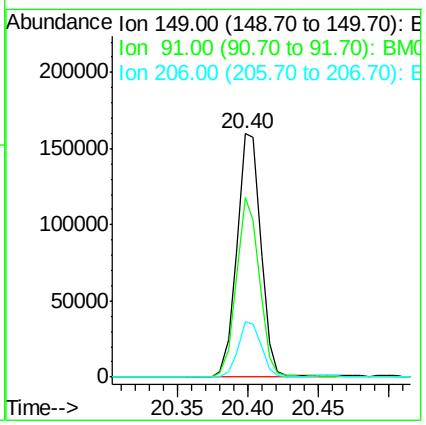


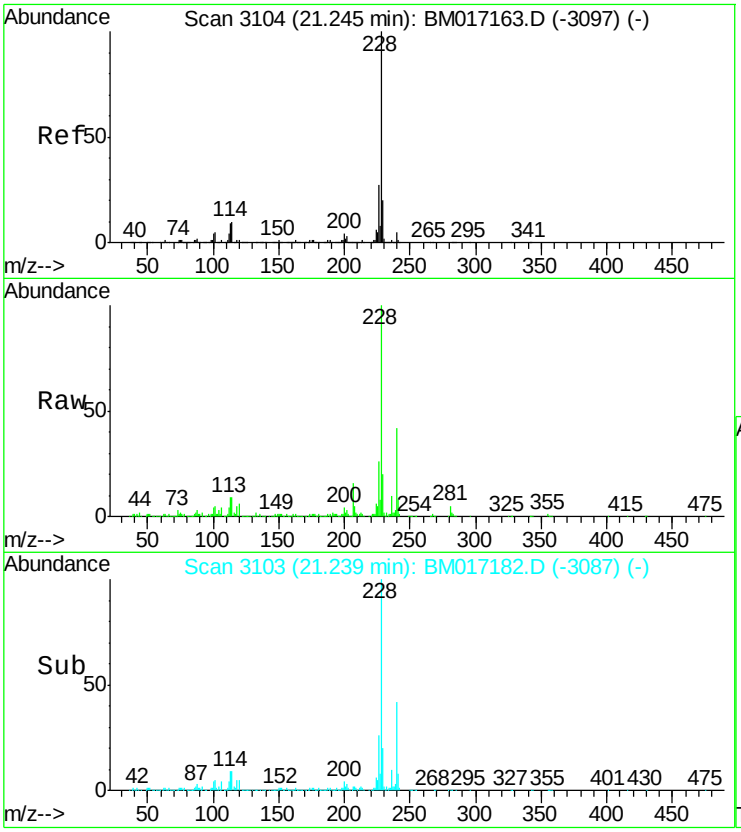




#80
Butylbenzylphthalate
Concen: 12.895 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:149 Resp: 188663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 73.5 | 51.3 | 76.9 |
| 206 | 22.7 | 18.0 | 27.0 |



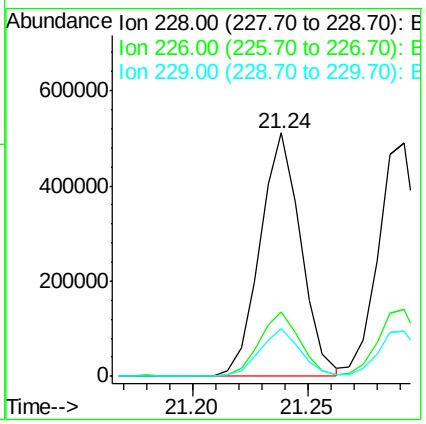


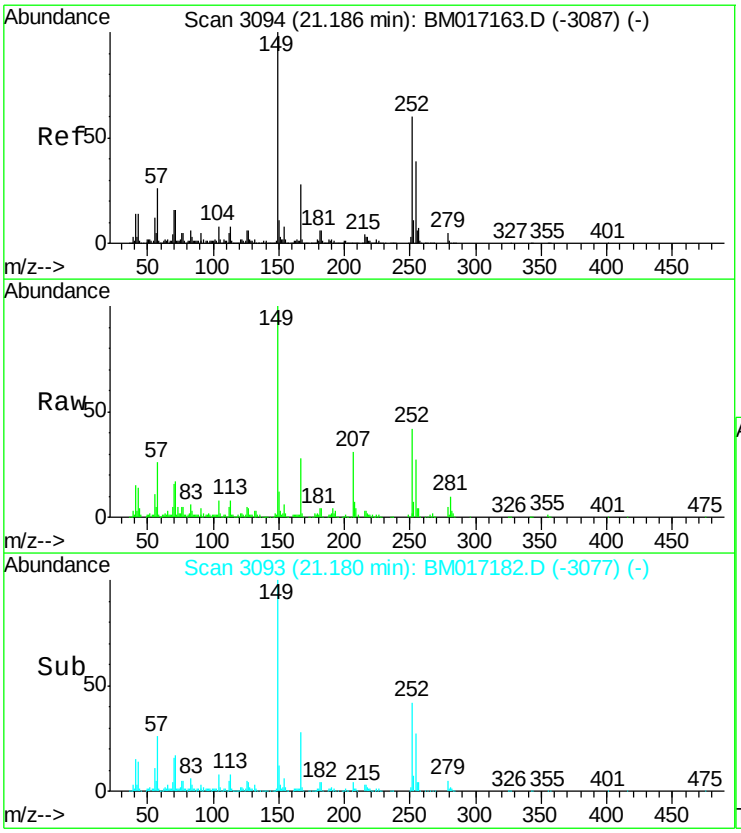

#81
Benzo(a)anthracene
Concen: 8.434 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:228 Resp: 626054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.2 | 21.4 | 32.0 |
| 229 | 19.5 | 15.9 | 23.9 |

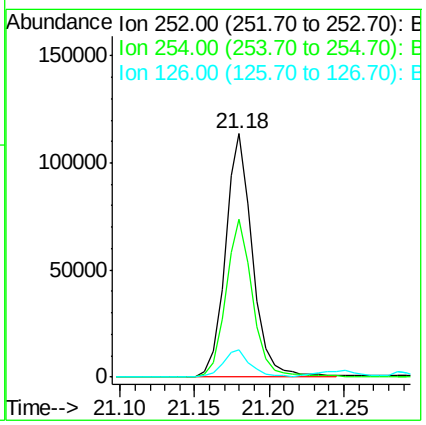


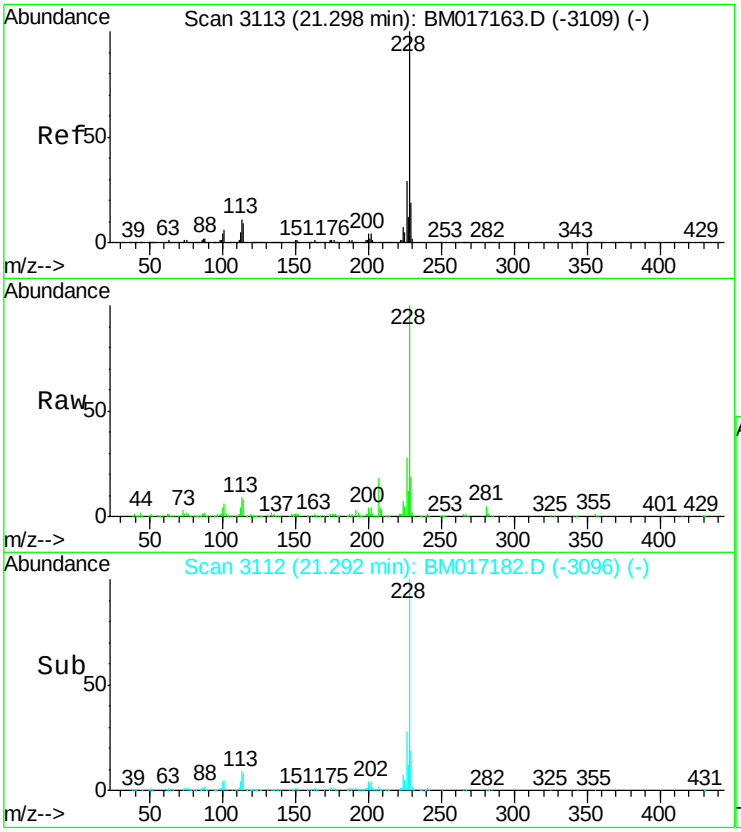




#82
3,3'-Dichlorobenzidine
Concen: 5.232 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 144753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 52.1 | 78.1 |
| 126 | 11.3 | 8.6 | 12.8 |



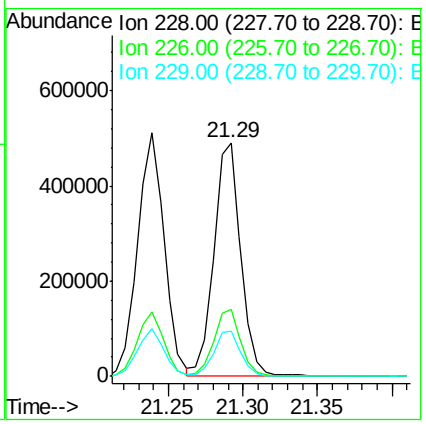


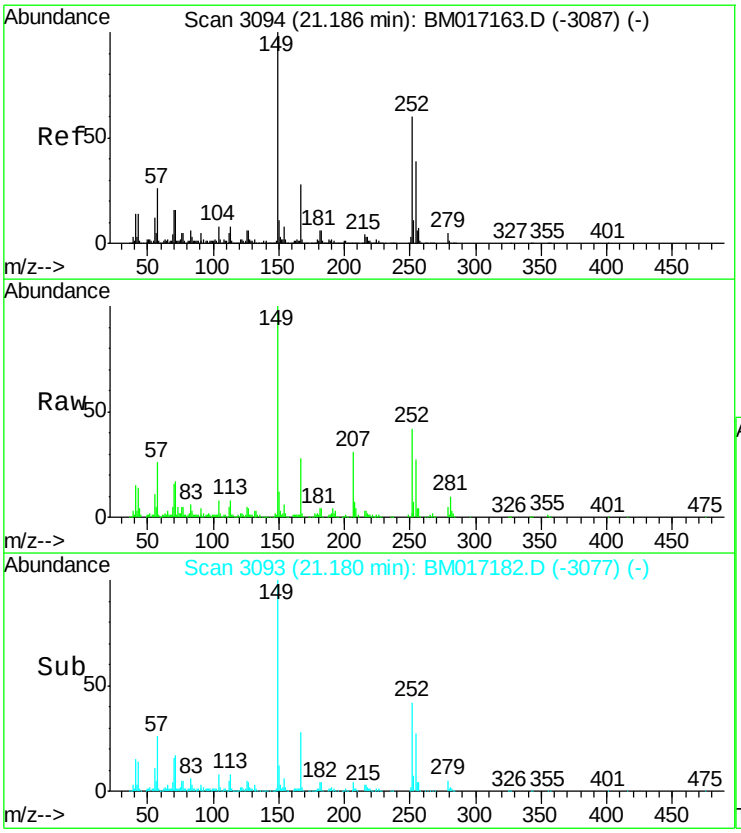

#83
Chrysene
Concen: 8.381 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:228 Resp: 615771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.4 | 23.3 | 34.9 |
| 229 | 19.2 | 15.6 | 23.4 |

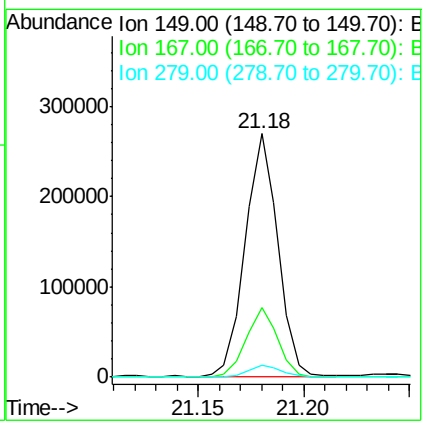


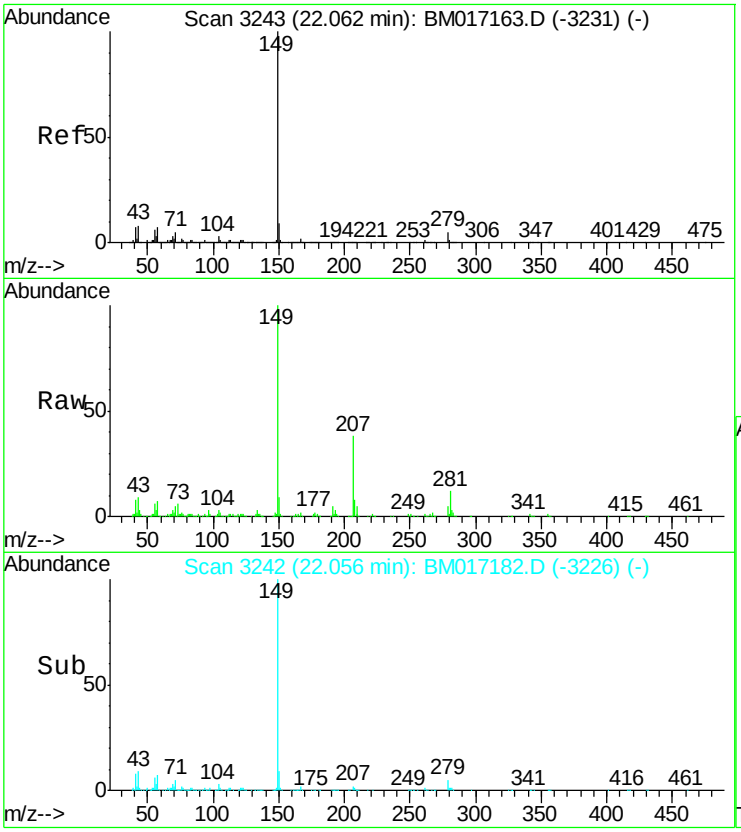




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.278 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:149 Resp: 288099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 22.2 | 33.4 |
| 279 | 4.7 | 3.6 | 5.4 |



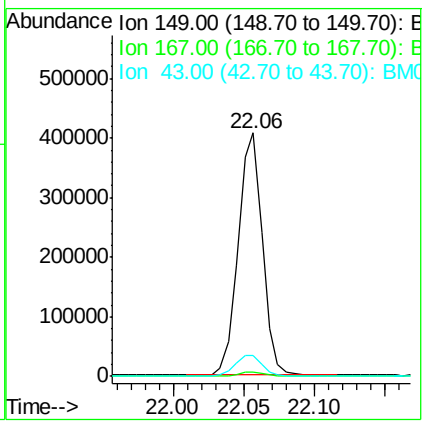


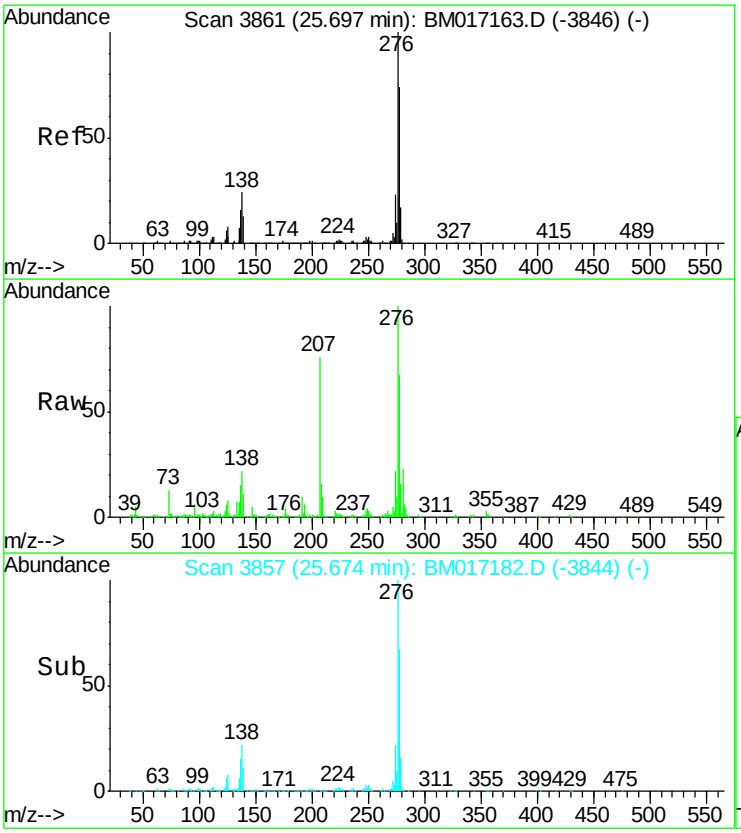

#85
Di-n-octyl phthalate
Concen: 11.489 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:149 Resp: 486778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.0 |
| 43 | 9.5 | 7.2 | 10.8 |

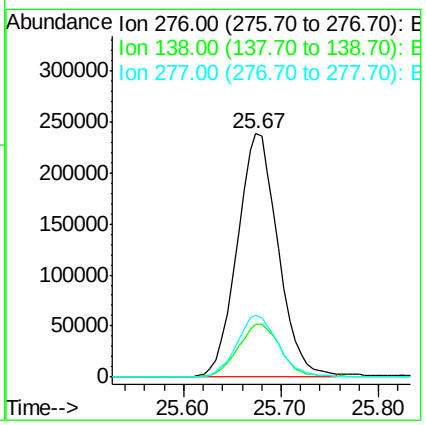


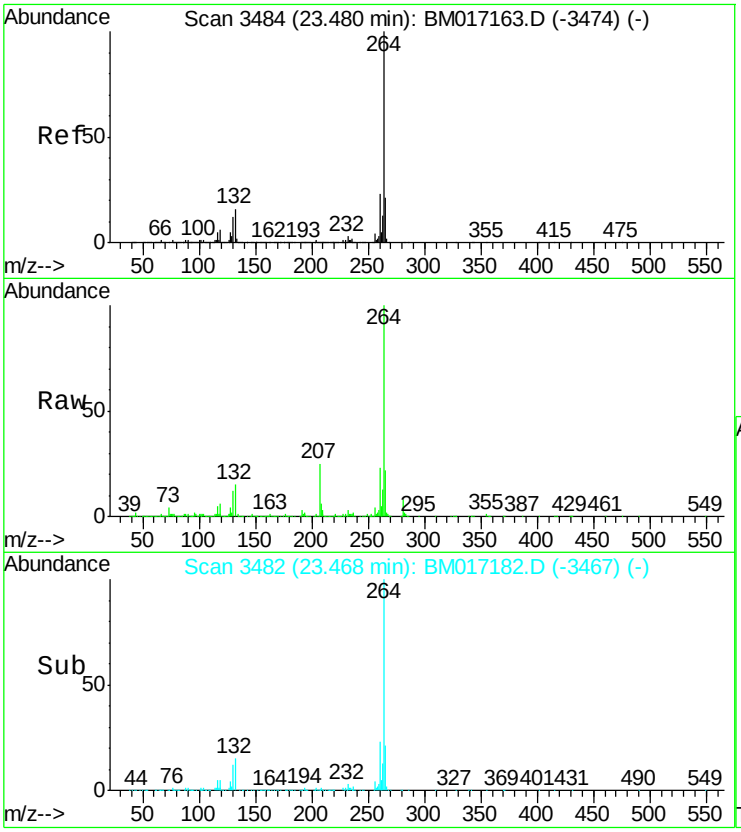




#86
Indeno(1,2,3-cd)pyrene
Concen: 8.509 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:276 Resp: 699250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.8 | 19.5 | 29.3 |
| 277 | 25.7 | 20.1 | 30.1 |



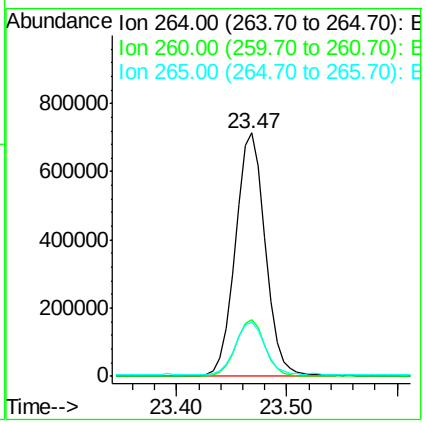


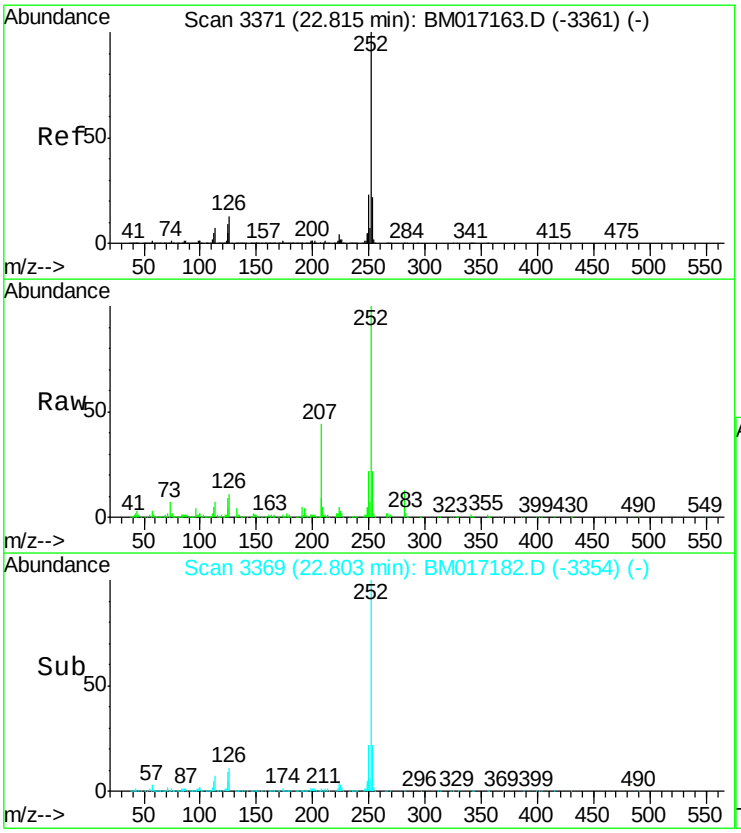

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:264 Resp: 1359123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.6 | 27.8 |
| 265 | 22.3 | 17.8 | 26.8 |

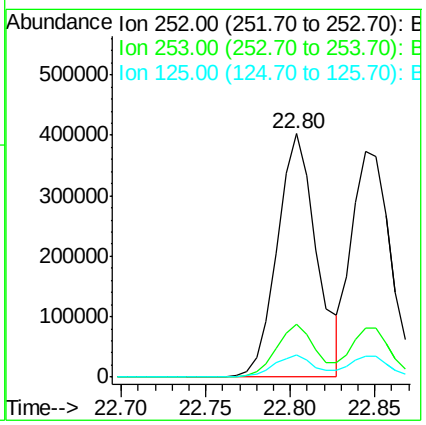


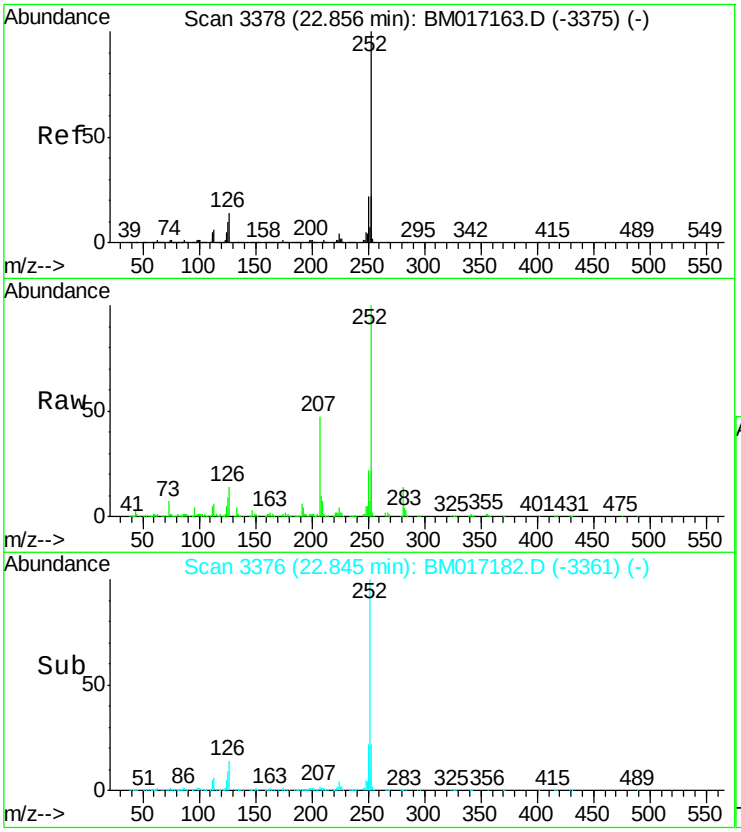




#88
Benzo(b)fluoranthene
Concen: 8.704 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 646788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 9.0 | 7.5 | 11.3 |



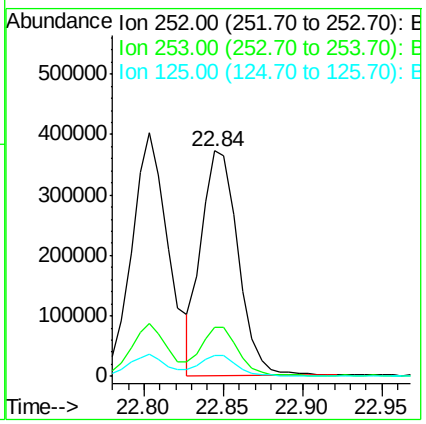


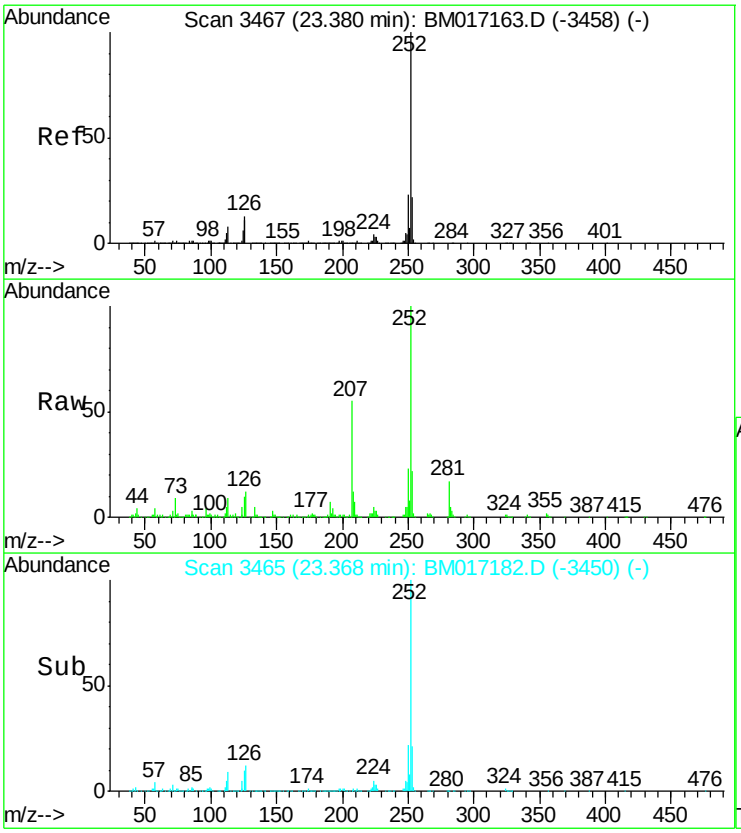

#89
Benzo(k)fluoranthene
Concen: 8.031 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:252 Resp: 598778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 9.3 | 8.2 | 12.2 |

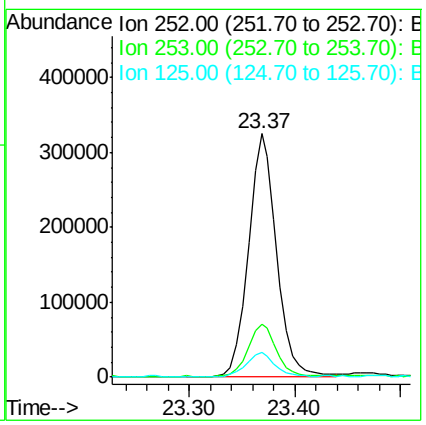


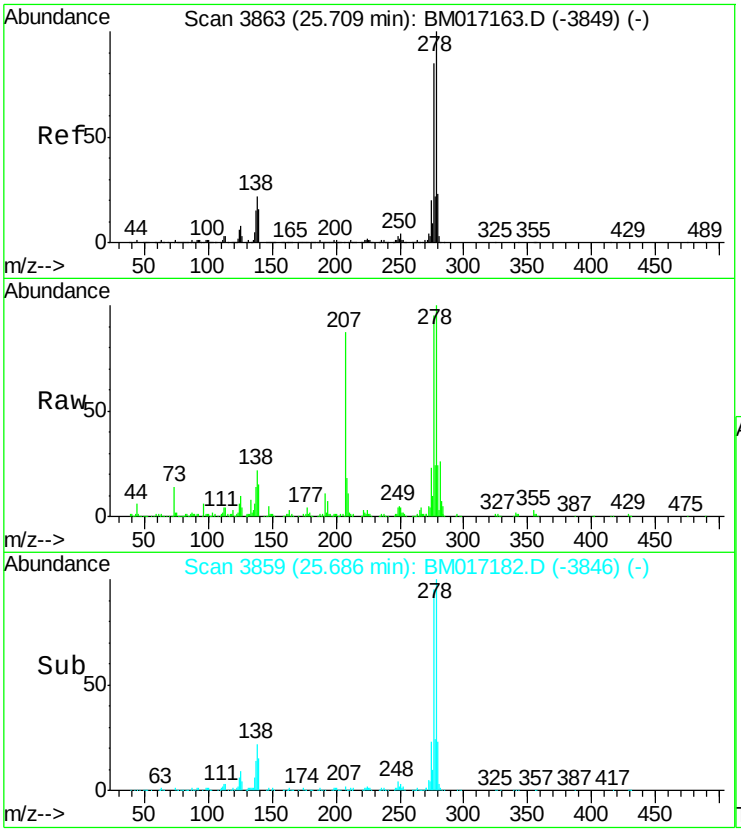




#90
Benzo(a)pyrene
Concen: 8.442 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 595587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.0 |
| 125 | 10.1 | 8.6 | 13.0 |



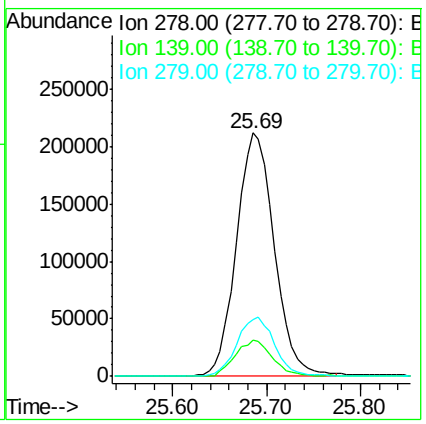


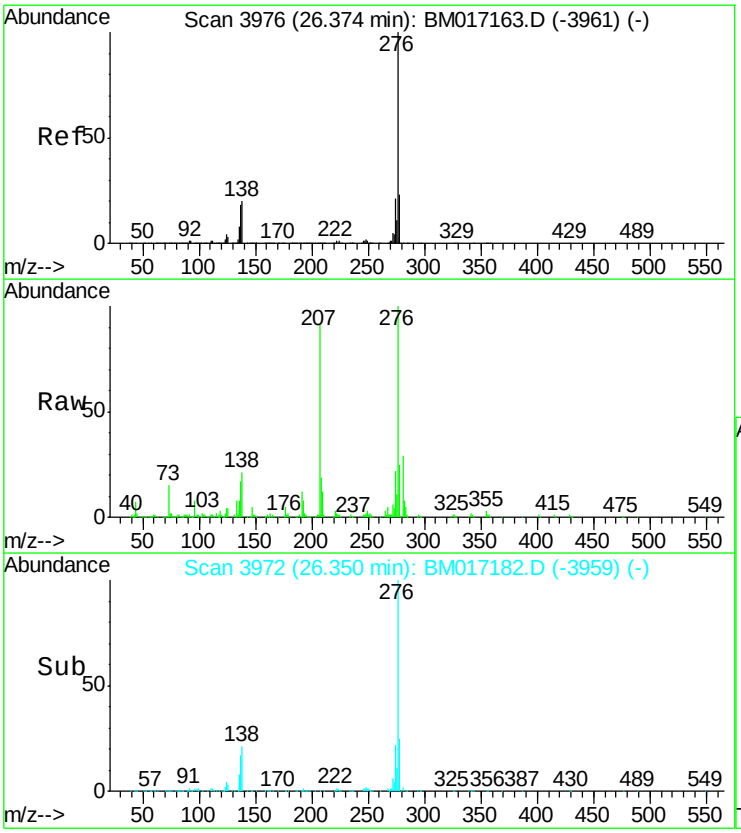

#91
Dibenzo(a,h)anthracene
Concen: 8.463 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-WATER-03-QT4-2018

Tgt Ion:278 Resp: 592889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 12.7 | 19.1 |
| 279 | 23.5 | 18.7 | 28.1 |




#92
Benzo(g,h,i)perylene
Concen: 8.463 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:276 Resp: 587632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.6 | 28.0 |
| 138 | 20.5 | 16.4 | 24.6 |