Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093846.D
Acq On : 22 Mar 2017 21:40
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 2 PPB
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOD-WATER-05-QT2-2017

Quant Time: Mar 23 01:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:41:33 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.99 | 152 | 176411 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.49 | 136 | 731155 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.63 | 164 | 334113 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.46 | 188 | 588711 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.71 | 240 | 501592 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 16.34 | 264 | 392548 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.50 | 112 | 1487634 | 142.43 | ng | | 0.00 |
| 7) Phenol-d6 | 5.57 | 99 | 1809416 | 140.04 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.63 | 82 | 1208403 | 94.32 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 386226 | 146.29 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.82 | 172 | 2091034 | 95.46 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.44 | 244 | 1764745 | 78.86 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.37 | 88 | 12025 | 2.40 | ng | | 94 |
| 3) Pyridine | 2.93 | 79 | 30660 | 2.24 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 2.81 | 42 | 12969 | 2.30 | ng | # | 89 |
| 6) Aniline | 5.60 | 93 | 42285 | 2.35 | ng | | 97 |
| 8) 2-Chlorophenol | 5.74 | 128 | 28827 | 2.51 | ng | | 94 |
| 9) Benzaldehyde | 5.48 | 77 | 21773 | 2.50 | ng | | 94 |
| 10) Phenol | 5.58 | 94 | 36111 | 2.46 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 5.69 | 93 | 29089 | 2.53 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 5.92 | 146 | 32733 | 2.54 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.00 | 146 | 33926 | 2.60 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.18 | 146 | 31566 | 2.63 | ng | | 94 |
| 15) Benzyl Alcohol | 6.14 | 79 | 20654 | 2.18 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.30 | 45 | 42445 | 2.40 | ng | | 99 |
| 17) 2-Methylphenol | 6.27 | 107 | 22672 | 2.31 | ng | | 95 |
| 18) Hexachloroethane | 6.58 | 117 | 11201 | 2.44 | ng | # | 83 |
| 19) n-Nitroso-di-n-propylamine | 6.46 | 70 | 19682 | 2.37 | ng | | 94 |
| 20) 3+4-Methylphenols | 6.45 | 107 | 30713 | 2.58 | ng | # | 85 |
| 22) Acetophenone | 6.45 | 105 | 41608 | 2.55 | ng | # | 94 |
| 24) Nitrobenzene | 6.65 | 77 | 33880 | 2.68 | ng | | 94 |
| 25) Isophorone | 6.93 | 82 | 52592 | 2.34 | ng | | 99 |
| 26) 2-Nitrophenol | 7.03 | 139 | 11205 | 1.86 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.08 | 122 | 23356 | 2.25 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.20 | 93 | 35354 | 2.38 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.31 | 162 | 20072 | 2.07 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 7.42 | 180 | 25009 | 2.50 | ng | | 96 |
| 31) Naphthalene | 7.52 | 128 | 89559 | 2.55 | ng | | 99 |
| 32) Benzoic acid | 7.08 | 122 | 23356 | 3.38 | ng | # | 12 |
| 33) 4-Chloroaniline | 7.57 | 127 | 31443 | 2.21 | ng | | 94 |
| 34) Hexachlorobutadiene | 7.67 | 225 | 12553 | 2.45 | ng | | 96 |
| 35) Caprolactam | 7.95 | 113 | 6047 | 1.95 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 8.16 | 107 | 21320 | 2.10 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.36 | 142 | 60561 | 2.58 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.56 | 216 | 23073 | 2.52 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.56 | 237 | 8429 | 1.97 | ng | | 96 |

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093846.D
Acq On : 22 Mar 2017 21:40
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 2 PPB
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOD-WATER-05-QT2-2017

Quant Time: Mar 23 01:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:41:33 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.70 | 196 | 13399 | 2.07 | ng | | 89 |
| 43) 2,4,5-Trichlorophenol | 8.74 | 196 | 15146 | 2.16 | ng | | 90 |
| 45) 1,1'-Biphenyl | 8.93 | 154 | 75267 | 2.79 | ng | | 95 |
| 46) 2-Chloronaphthalene | 8.95 | 162 | 52856 | 2.51 | ng | | 94 |
| 47) 2-Nitroaniline | 9.06 | 65 | 12101 | 1.93 | ng | | 92 |
| 48) Acenaphthylene | 9.46 | 152 | 87413 | 2.49 | ng | | 96 |
| 49) Dimethylphthalate | 9.30 | 163 | 58297 | 2.45 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.37 | 165 | 11599 | 2.13 | ng | # | 84 |
| 51) Acenaphthene | 9.67 | 154 | 49745 | 2.43 | ng | | 99 |
| 52) 3-Nitroaniline | 9.57 | 138 | 13089 | 2.05 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 9.70 | 184 | 1383 | 5.11 | ng | # | 72 |
| 54) Dibenzofuran | 9.88 | 168 | 73496 | 2.64 | ng | | 98 |
| 55) 4-Nitrophenol | 9.77 | 139 | 8459 | 1.69 | ng | # | 59 |
| 56) 2,4-Dinitrotoluene | 9.86 | 165 | 14597 | 2.13 | ng | # | 94 |
| 57) Fluorene | 10.30 | 166 | 61950 | 2.68 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.03 | 232 | 10044 | 2.09 | ng | # | 98 |
| 59) Diethylphthalate | 10.18 | 149 | 56468 | 2.41 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.31 | 204 | 27040 | 2.75 | ng | | 94 |
| 61) 4-Nitroaniline | 10.31 | 138 | 12811 | 2.09 | ng | | 91 |
| 62) Azobenzene | 10.51 | 77 | 53404 | 2.41 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 3372 | 0.94 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 10.46 | 169 | 50086 | 2.46 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.91 | 248 | 13835 | 2.39 | ng | | 94 |
| 67) Hexachlorobenzene | 10.98 | 284 | 14827 | 2.53 | ng | # | 80 |
| 68) Atrazine | 11.12 | 200 | 13560 | 2.22 | ng | | 95 |
| 69) Pentachlorophenol | 11.22 | 266 | 5114 | 1.40 | ng | | 92 |
| 70) Phenanthrene | 11.48 | 178 | 86763 | 2.65 | ng | | 97 |
| 71) Anthracene | 11.54 | 178 | 86678 | 2.57 | ng | | 98 |
| 72) Carbazole | 11.74 | 167 | 86610 | 2.50 | ng | | 97 |
| 73) Di-n-butylphthalate | 12.20 | 149 | 79725 | 2.22 | ng | | 98 |
| 74) Fluoranthene | 12.94 | 202 | 81385 | 2.43 | ng | | 96 |
| 76) Benzidine | 13.11 | 184 | 29823 | 1.50 | ng | # | 89 |
| 77) Pyrene | 13.22 | 202 | 86590 | 2.38 | ng | | 98 |
| 79) Butylbenzylphthalate | 14.04 | 149 | 26852 | 1.73 | ng | # | 80 |
| 80) Benzo(a)anthracene | 14.69 | 228 | 67303 | 2.30 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 14.66 | 252 | 17943 | 1.72 | ng | # | 97 |
| 82) Chrysene | 14.73 | 228 | 67926 | 2.50 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.76 | 149 | 45375 | 2.14 | ng | | 99 |
| 84) Di-n-octyl phthalate | 15.52 | 149 | 59244 | 1.68 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 17.72 | 276 | 42769 | 1.82 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.93 | 252 | 53664 | 2.23 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.95 | 252 | 54923 | 2.32 | ng | | 97 |
| 89) Benzo(a)pyrene | 16.28 | 252 | 47806 | 2.16 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 17.75 | 278 | 35901 | 1.91 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 18.13 | 276 | 36799 | 1.95 | ng | | 94 |

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

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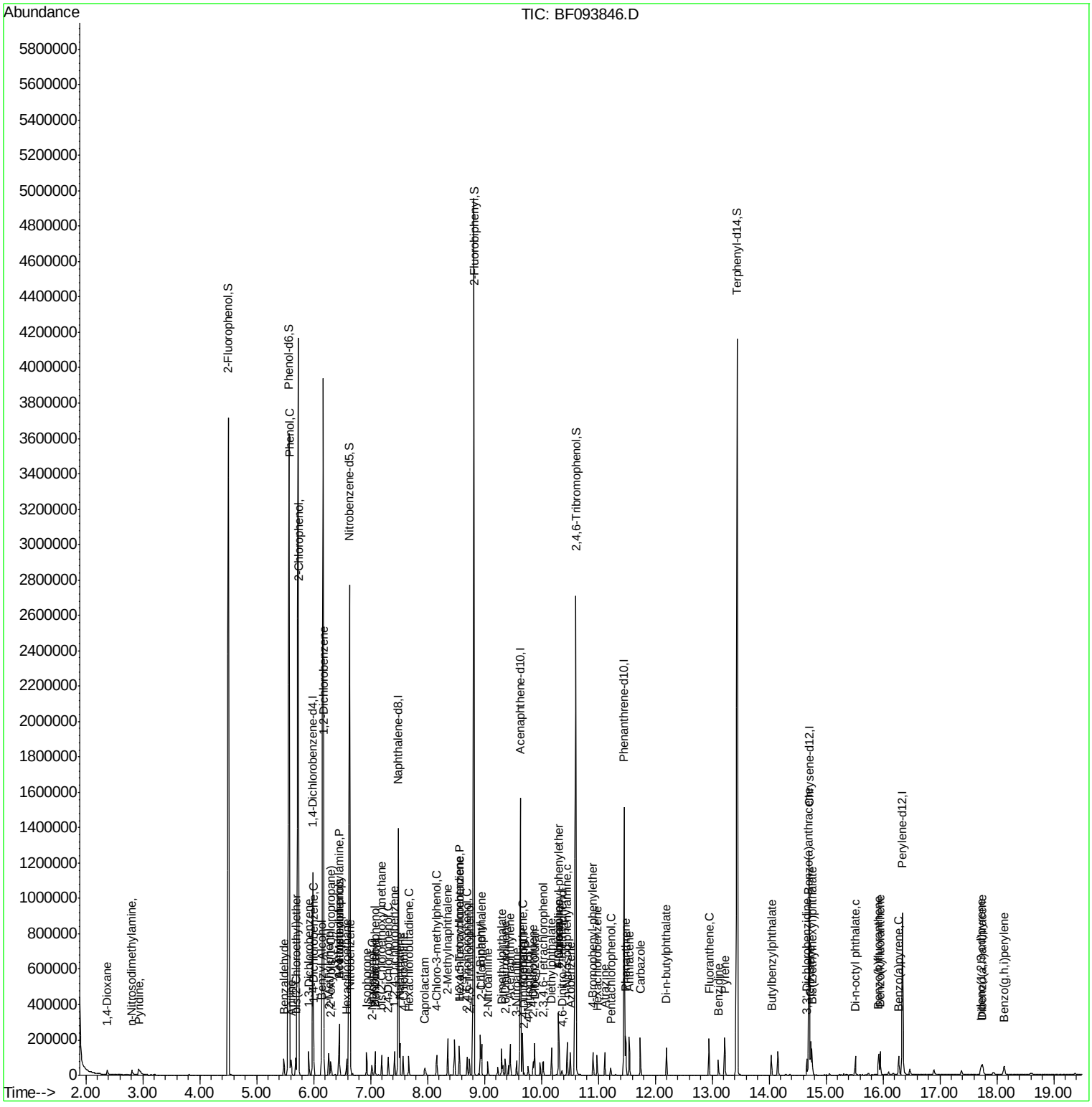
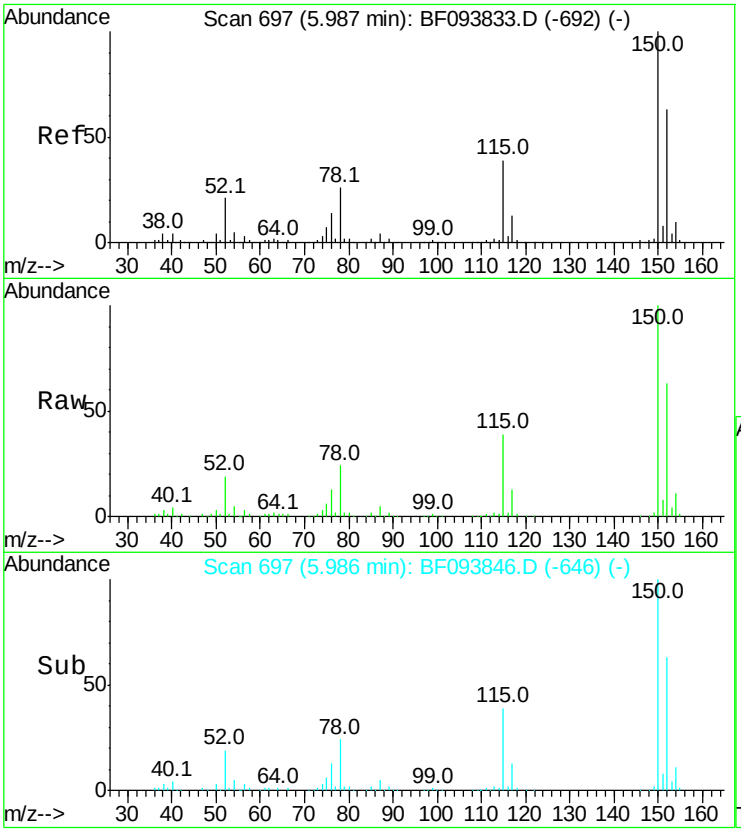
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093846.D
Acq On : 22 Mar 2017 21:40
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 2 PPB
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Quant Time: Mar 23 01:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:41:33 2017
Response via : Initial Calibration



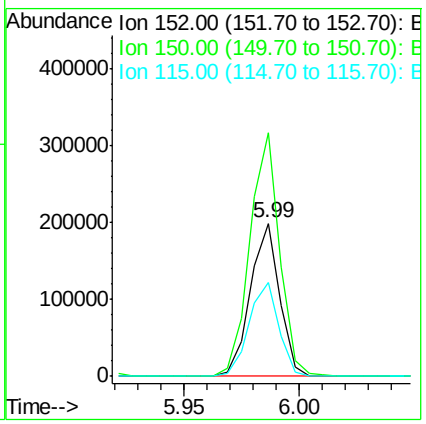


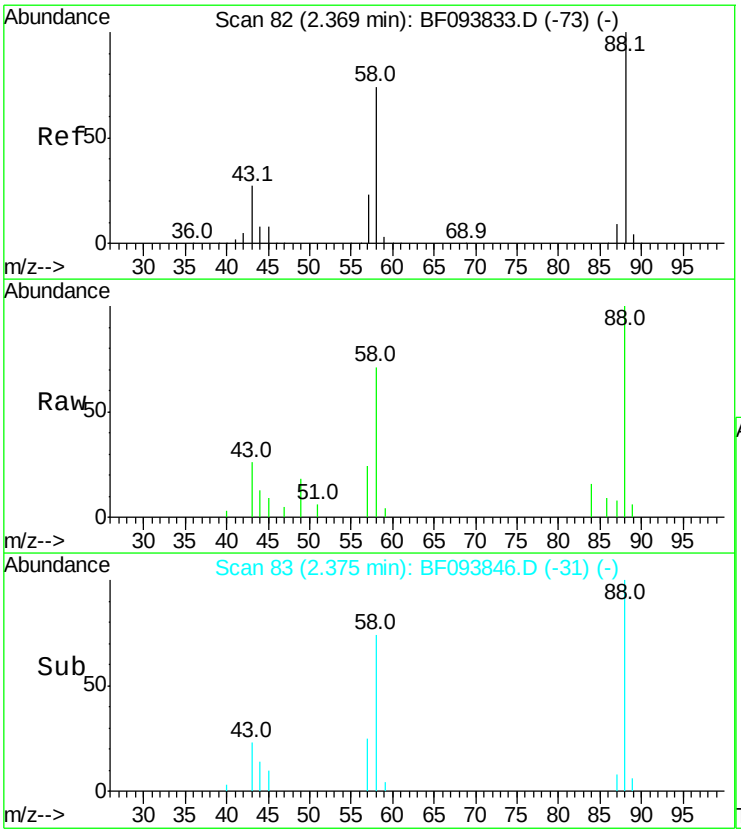

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:152 Resp: 176411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.1 | 126.2 | 189.2 |
| 115 | 61.6 | 52.2 | 78.2 |

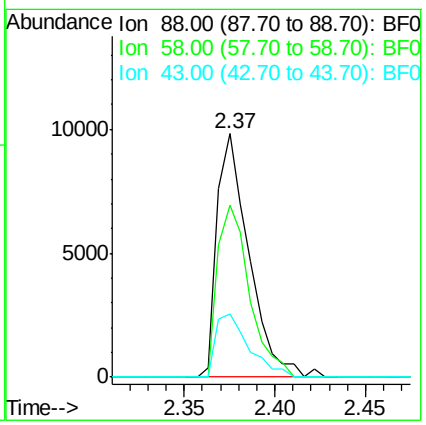


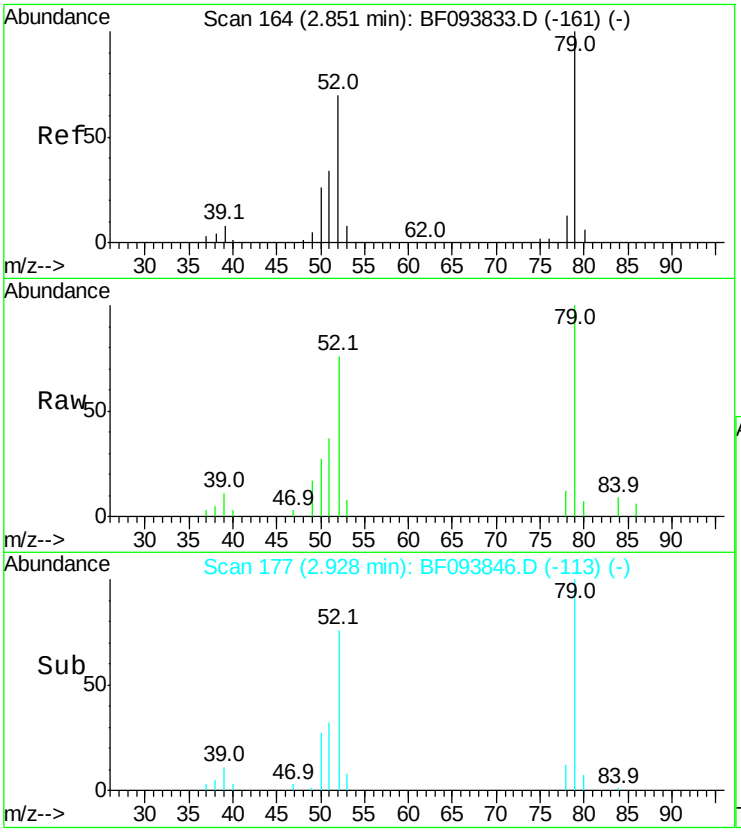




#2
1,4-Dioxane
Concen: 2.40 ng
RT: 2.37 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 88 Resp: 12025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.4 | 61.4 | 92.0 |
| 43 | 26.8 | 23.4 | 35.0 |



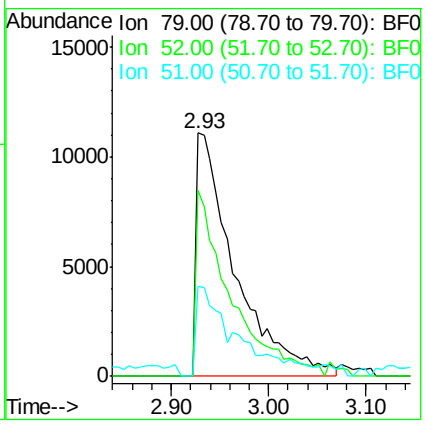


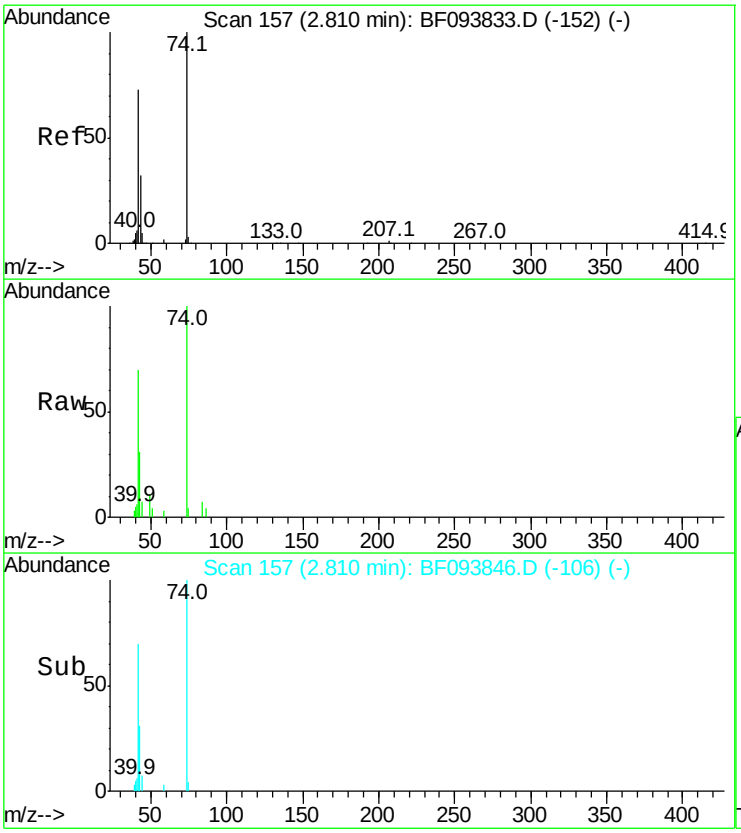

#3
Pyridine
Concen: 2.24 ng
RT: 2.93 min Scan# 177
Delta R.T. 0.08 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 79 Resp: 30660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 76.2 | 54.8 | 82.2 |
| 51 | 36.7 | 27.0 | 40.4 |

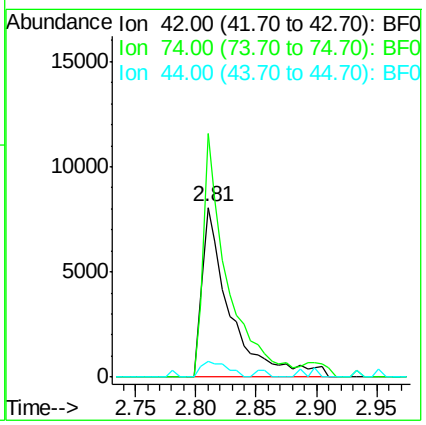


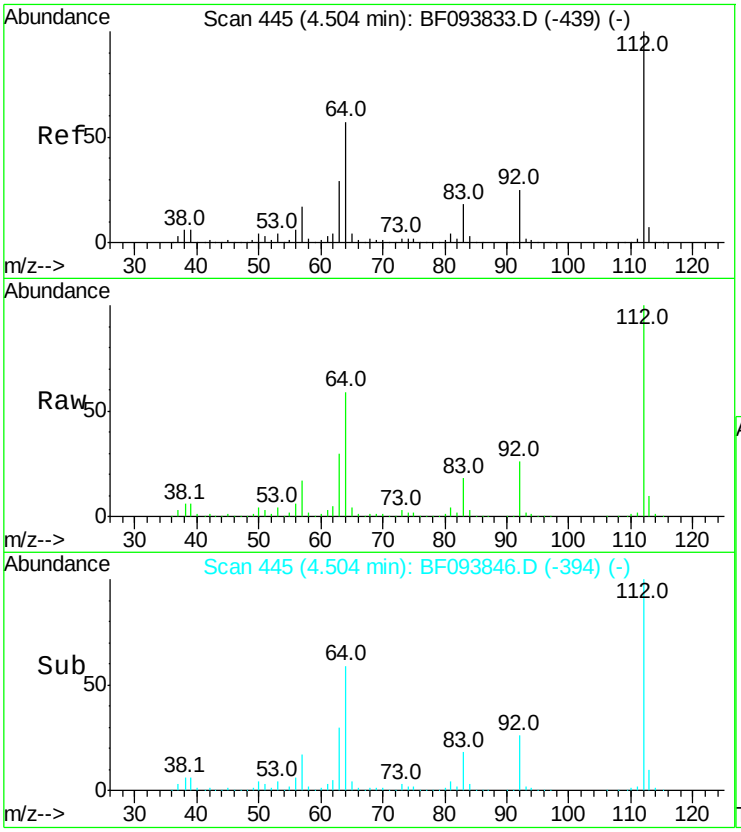




#4
n-Nitrosodimethylamine
Concen: 2.30 ng
RT: 2.81 min Scan# 157
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 42 Resp: 12969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.5 | 103.9 | 155.9 |
| 44 | 9.4 | 5.7 | 8.5# |



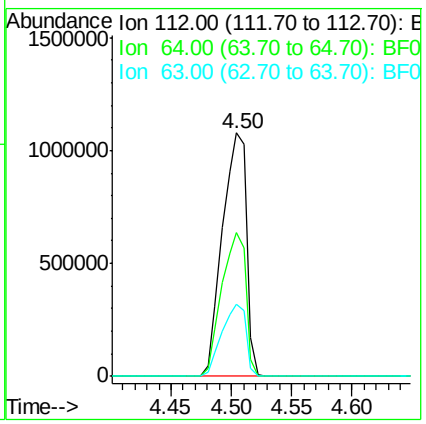


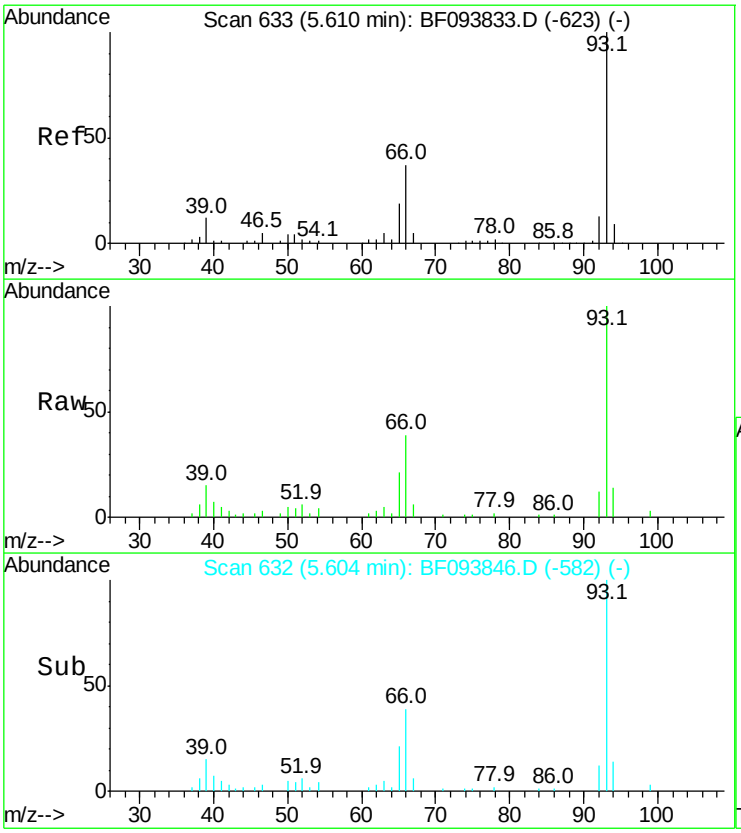

#5
2-Fluorophenol
Concen: 142.43 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:112 Resp: 1487634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.8 | 46.0 | 69.0 |
| 63 | 29.6 | 23.4 | 35.0 |

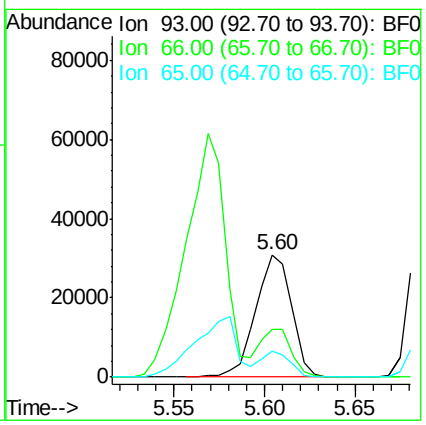


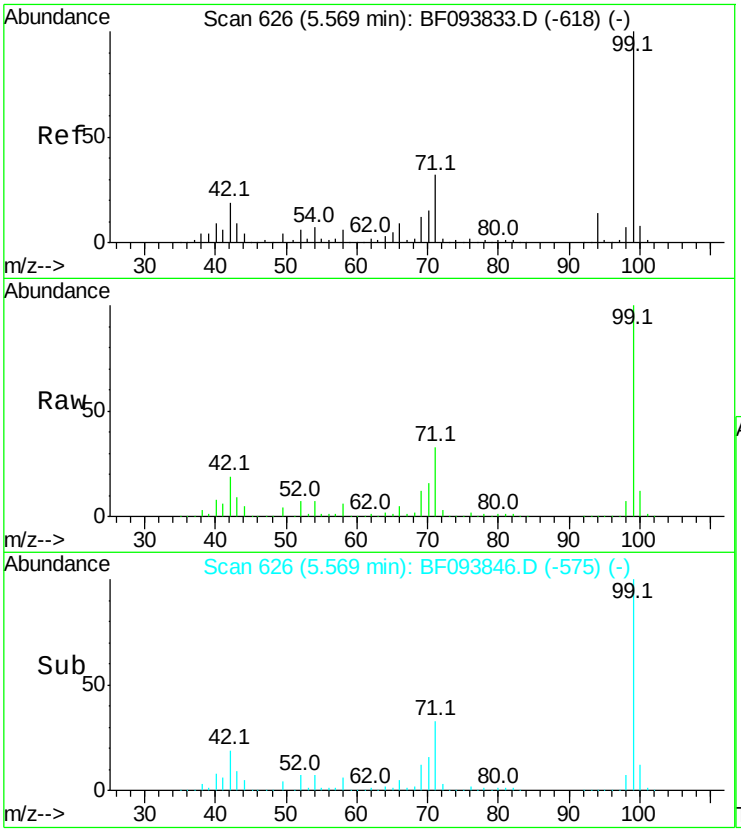




#6
Aniline
Concen: 2.35 ng
RT: 5.60 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 93 Resp: 42285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.1 | 32.9 | 49.3 |
| 65 | 21.3 | 16.0 | 24.0 |



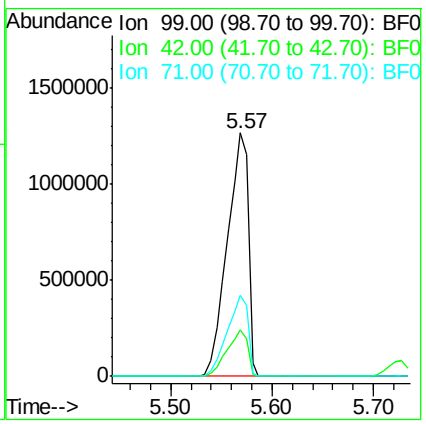


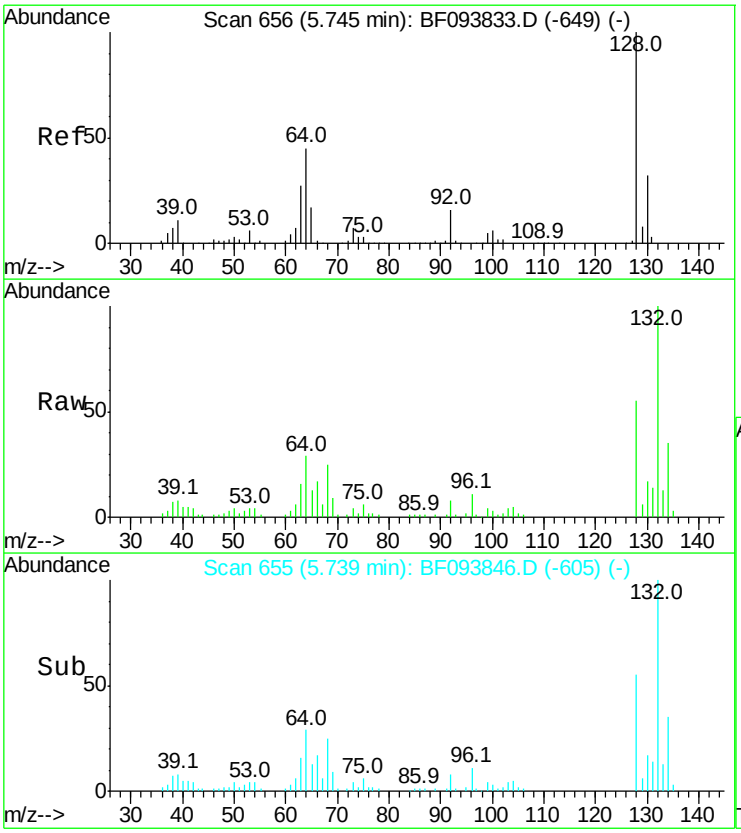

#7
Phenol-d6
Concen: 140.04 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 99 Resp: 1809416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 13.5 | 20.3 |
| 71 | 33.4 | 24.5 | 36.7 |

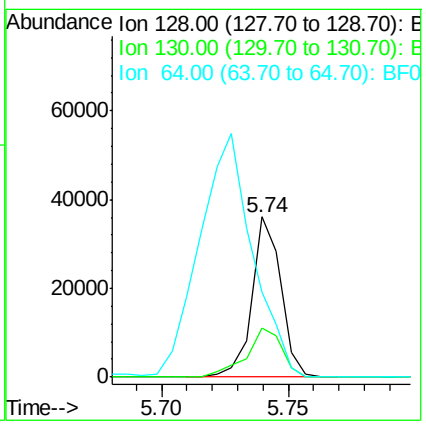


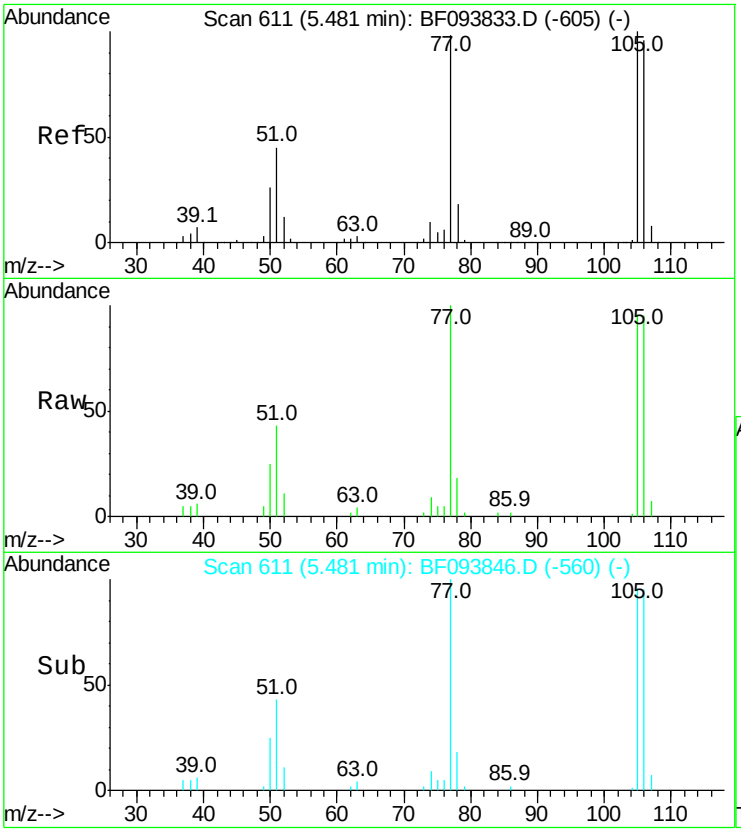




#8
2-Chlorophenol
Concen: 2.51 ng
RT: 5.74 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:128 Resp: 28827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.3 | 12.9 | 52.9 |
| 64 | 52.7 | 28.4 | 68.4 |



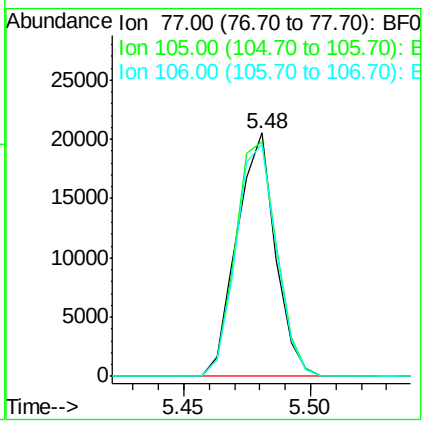


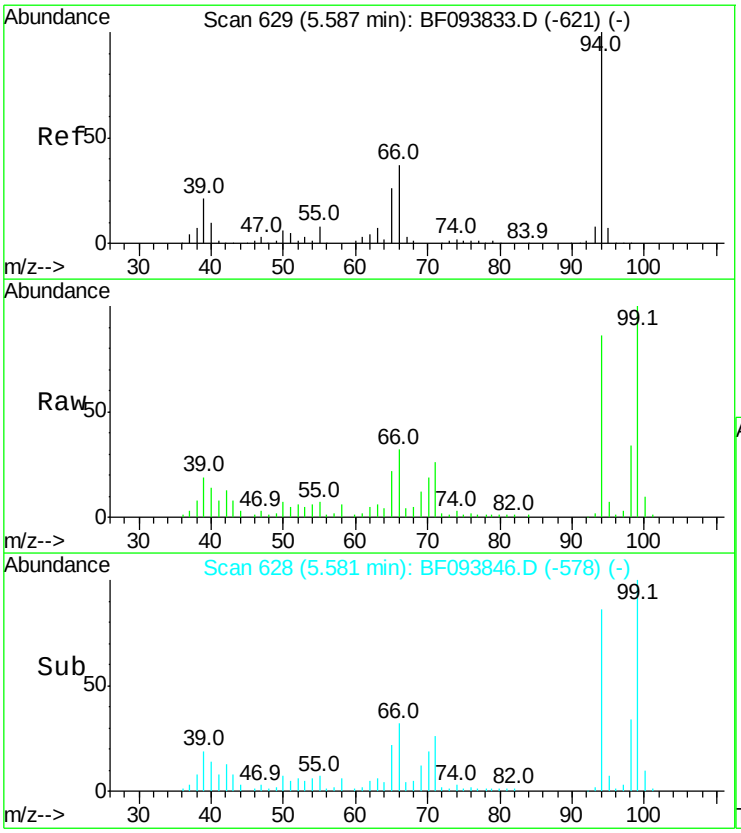

#9
Benzaldehyde
Concen: 2.50 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 77 Resp: 21773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.3 | 83.8 | 123.8 |
| 106 | 95.2 | 79.1 | 119.1 |

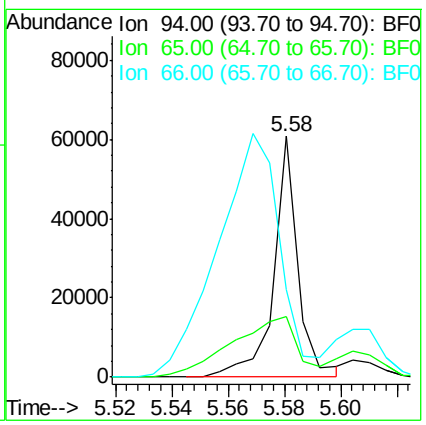


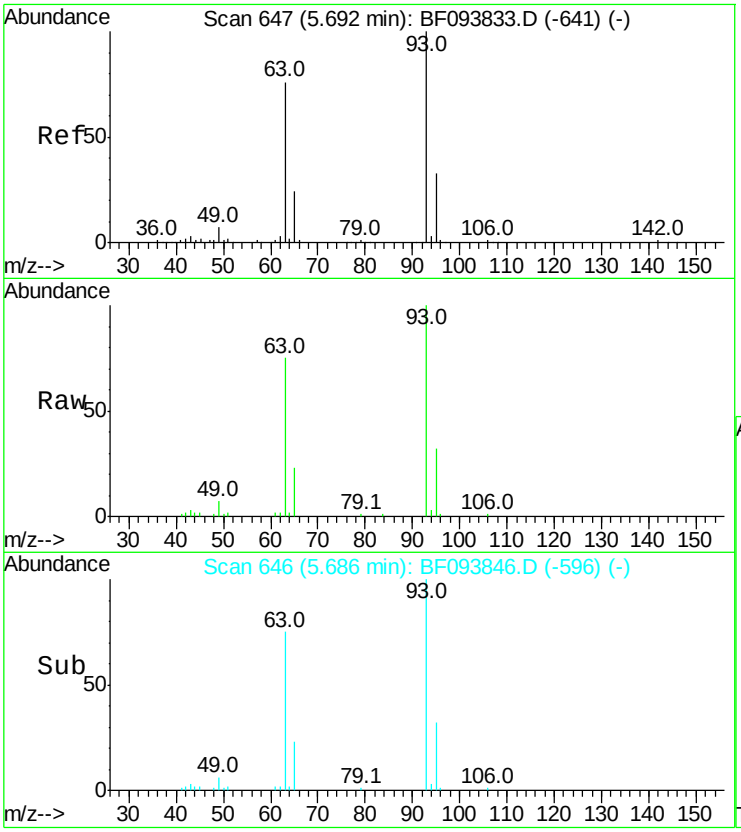




#10
Phenol
Concen: 2.46 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 94 Resp: 36111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.4 | 9.9 | 49.9 |
| 66 | 36.5 | 23.1 | 63.1 |



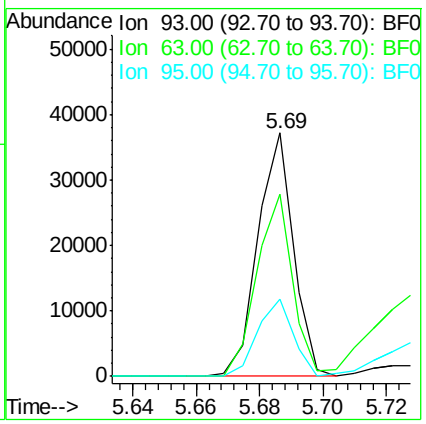


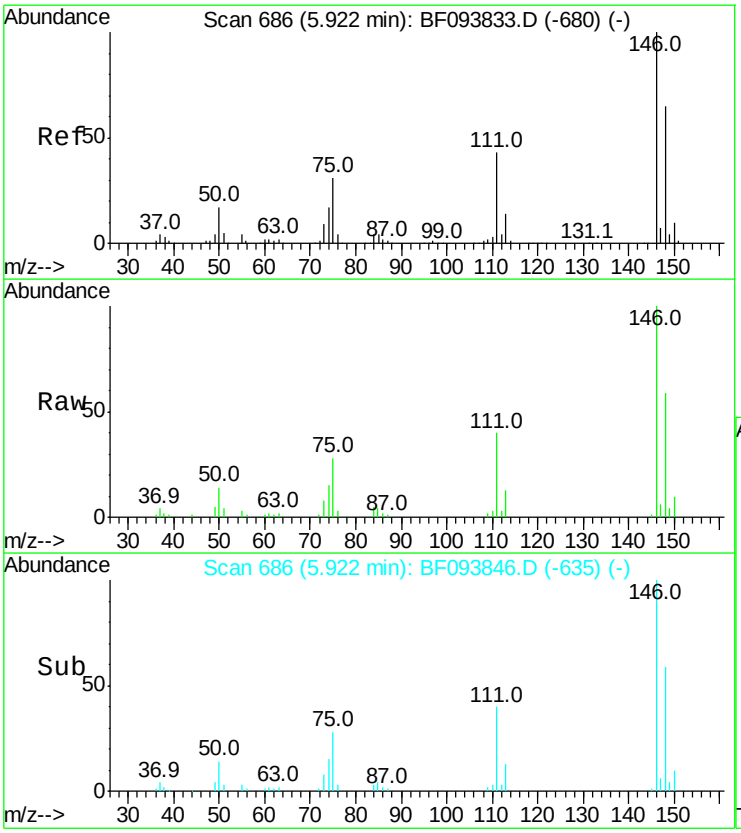

#11
bis(2-Chloroethyl)ether
Concen: 2.53 ng
RT: 5.69 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 93 Resp: 29089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.7 | 59.2 | 99.2 |
| 95 | 31.5 | 12.8 | 52.8 |

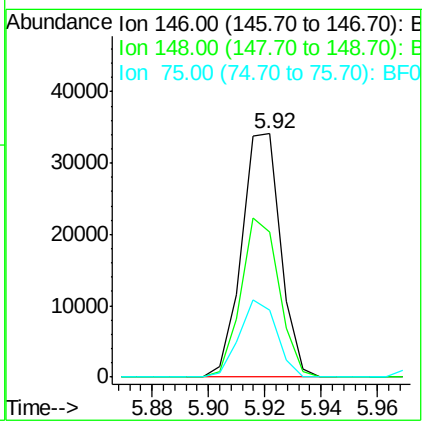


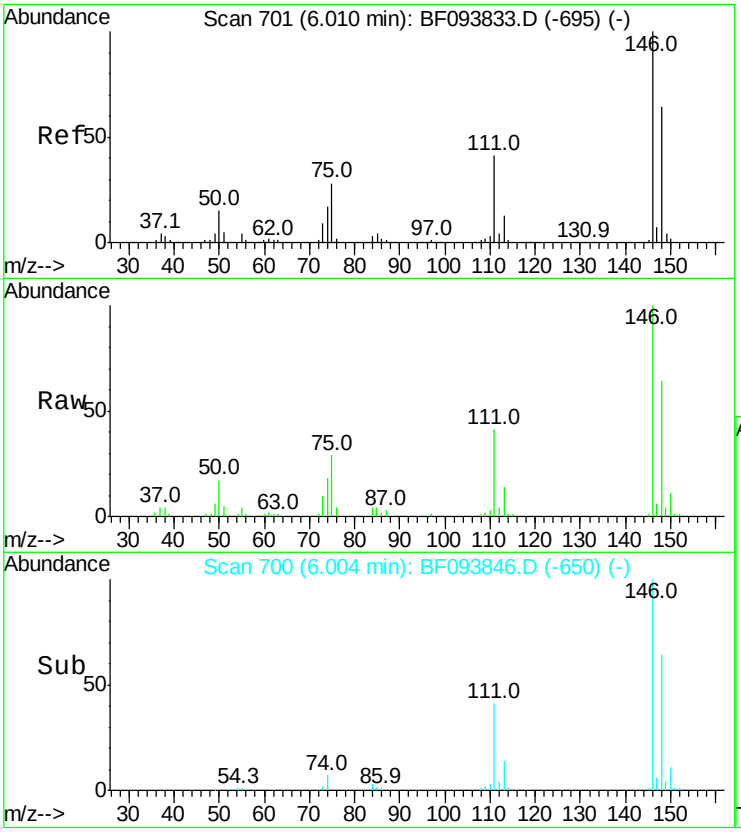




#12
1,3-Dichlorobenzene
Concen: 2.54 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:146 Resp: 32733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 59.3 | 51.8 | 77.6 |
| 75 | 27.8 | 23.1 | 34.7 |



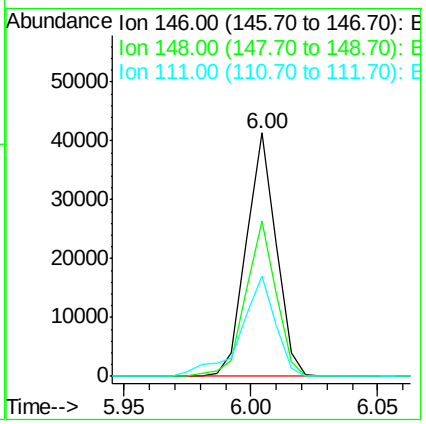


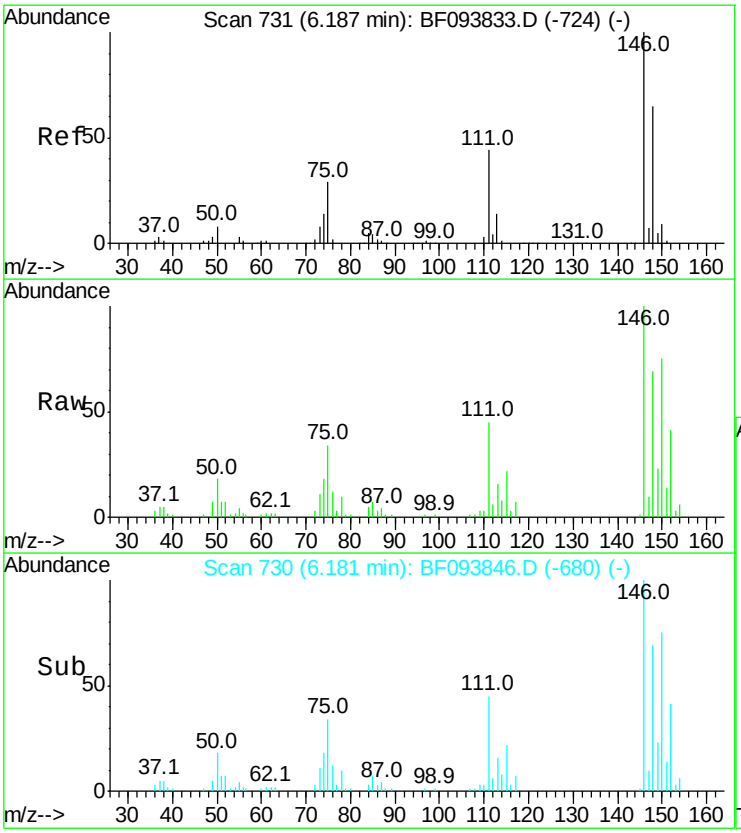

#13
1,4-Dichlorobenzene
Concen: 2.60 ng
RT: 6.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:146 Resp: 33926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.2 | 78.2 |
| 111 | 41.1 | 30.3 | 45.5 |

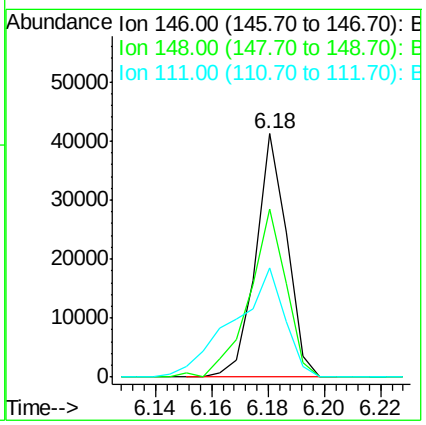


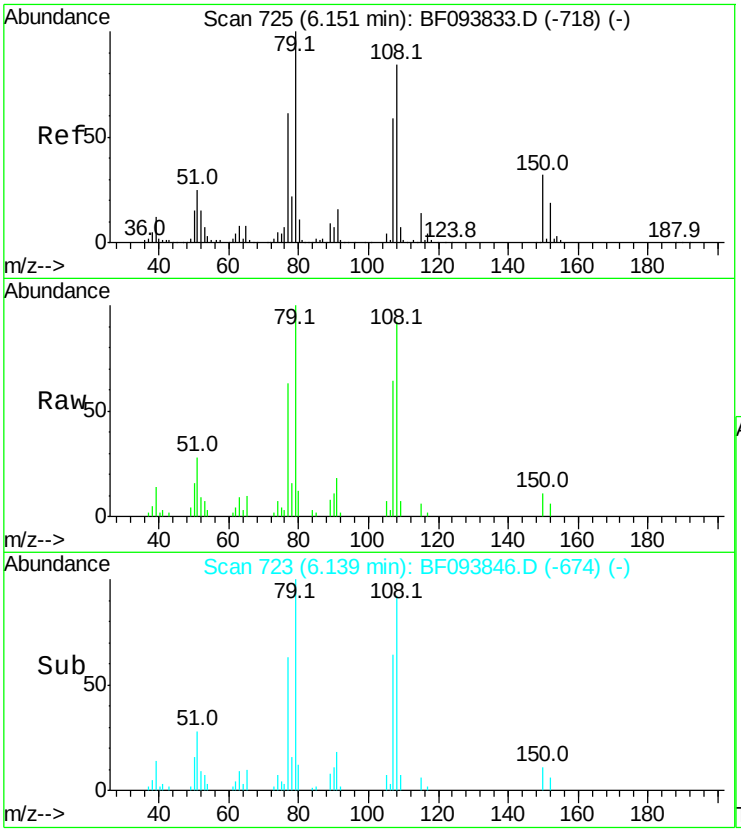




#14
1,2-Dichlorobenzene
Concen: 2.63 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:146 Resp: 31566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.0 | 50.4 | 75.6 |
| 111 | 44.8 | 38.2 | 57.4 |



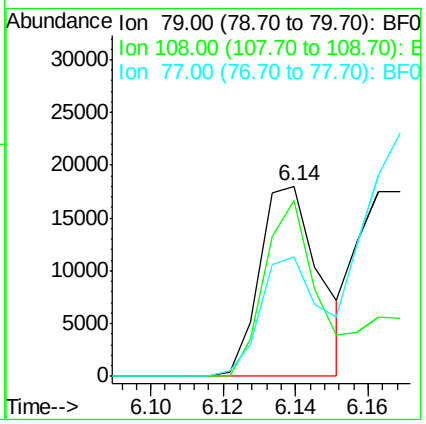


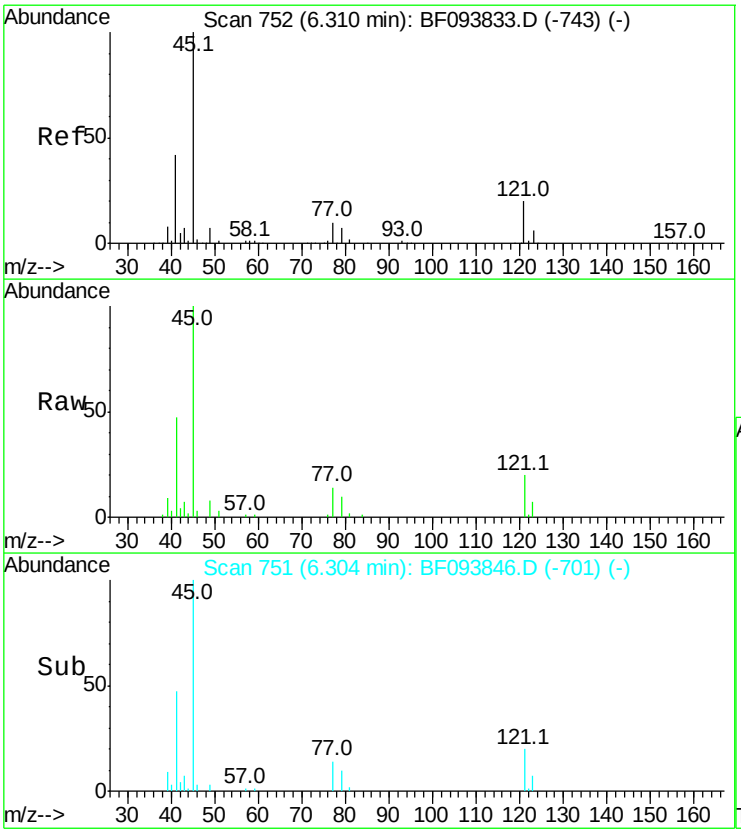

#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 79 Resp: 20654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 92.3 | 63.4 | 95.0 |
| 77 | 62.7 | 49.2 | 73.8 |

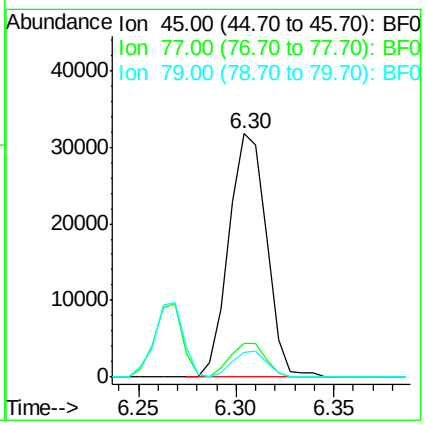


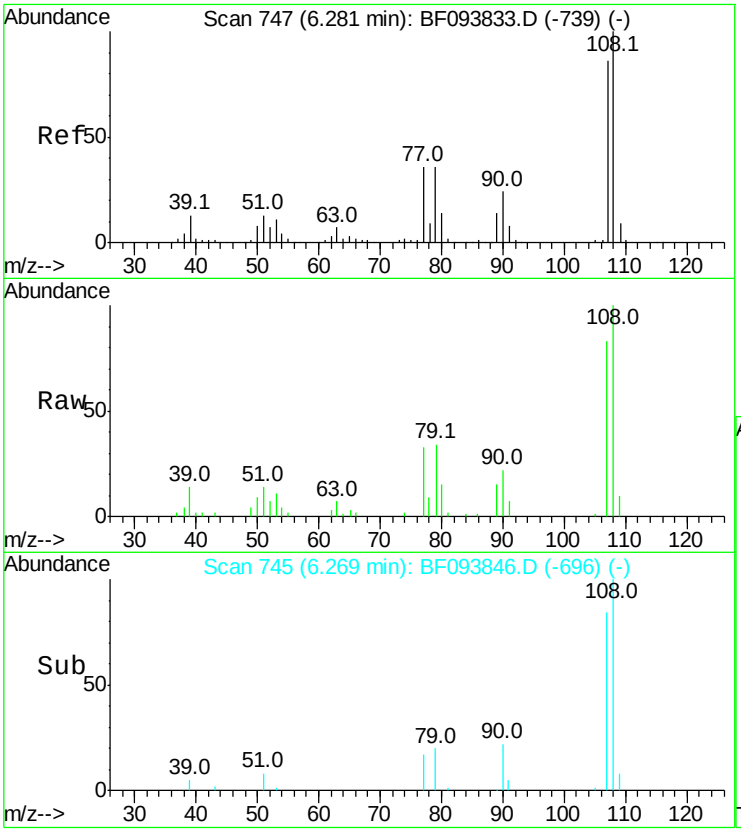




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.40 ng
RT: 6.30 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 45 Resp: 42445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.8 | 0.0 | 33.2 |
| 79 | 10.4 | 0.0 | 30.0 |



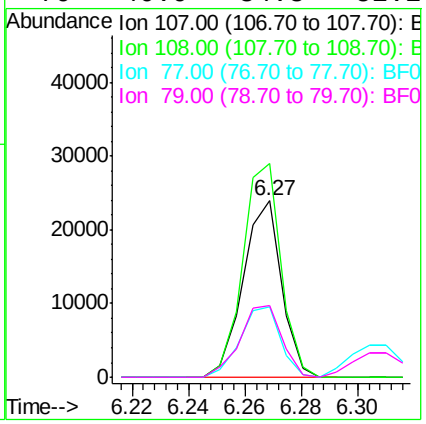


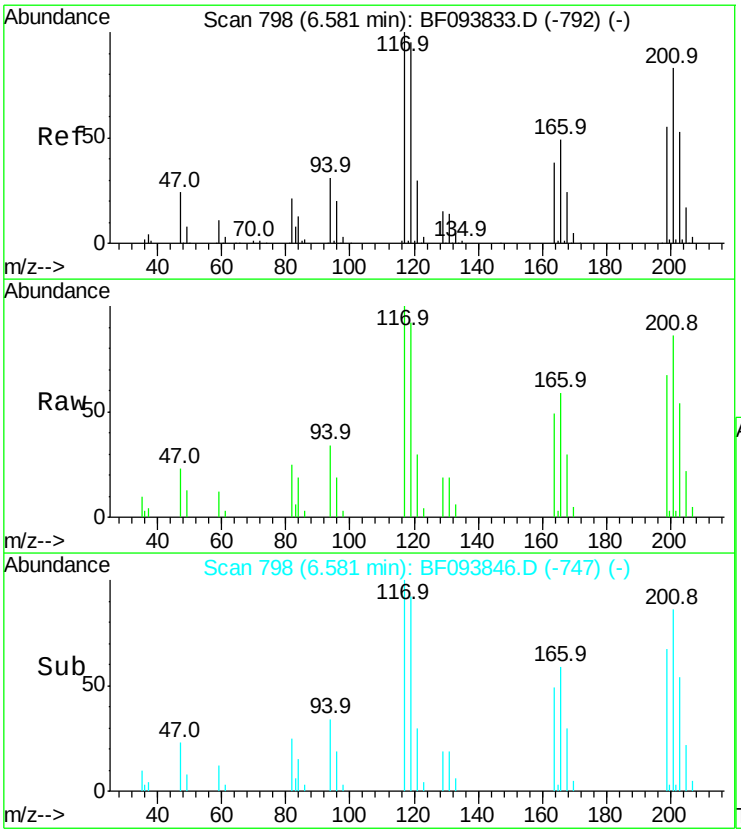

#17
2-Methylphenol
Concen: 2.31 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:107 Resp: 22672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 121.0 | 93.4 | 140.0 |
| 77 | 39.9 | 35.8 | 53.6 |
| 79 | 40.9 | 34.8 | 52.2 |

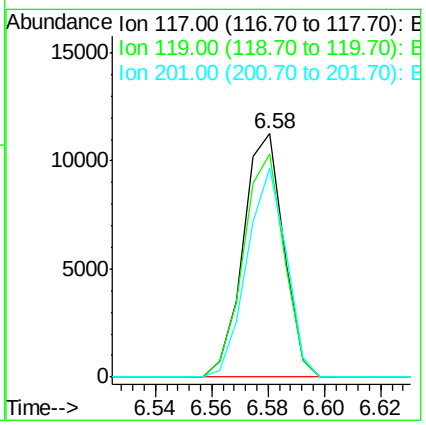


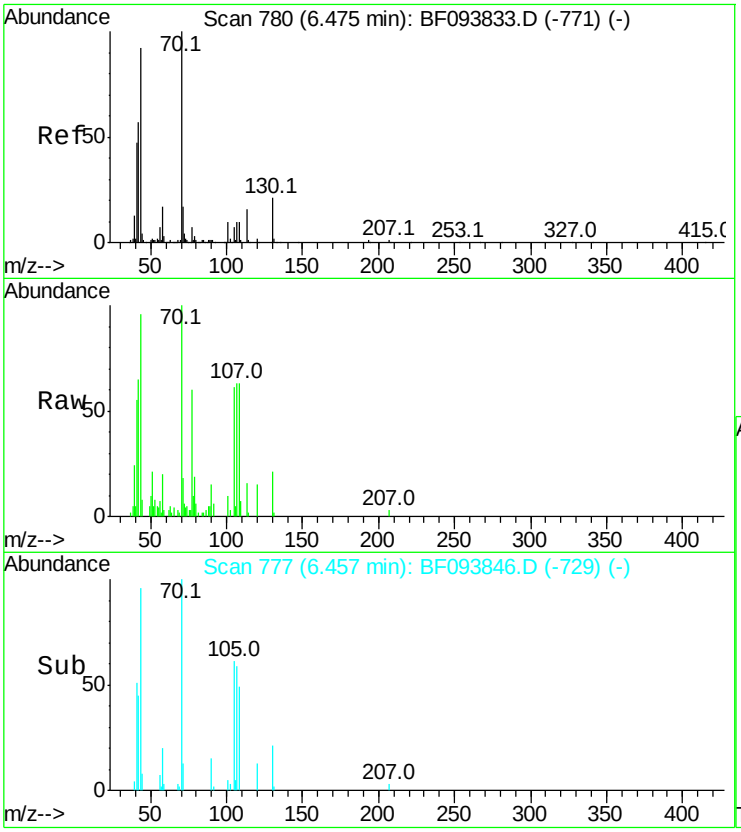




#18
Hexachloroethane
Concen: 2.44 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:117 Resp: 11201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.5 | 77.4 | 116.0 |
| 201 | 88.8 | 94.6 | 141.8# |



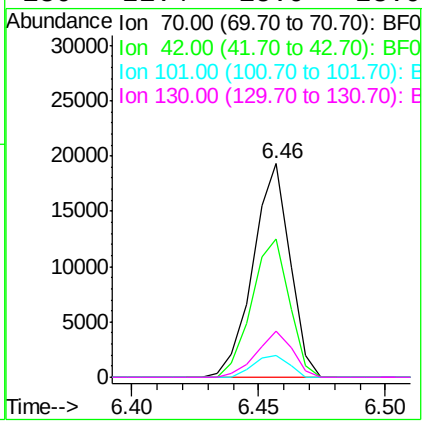


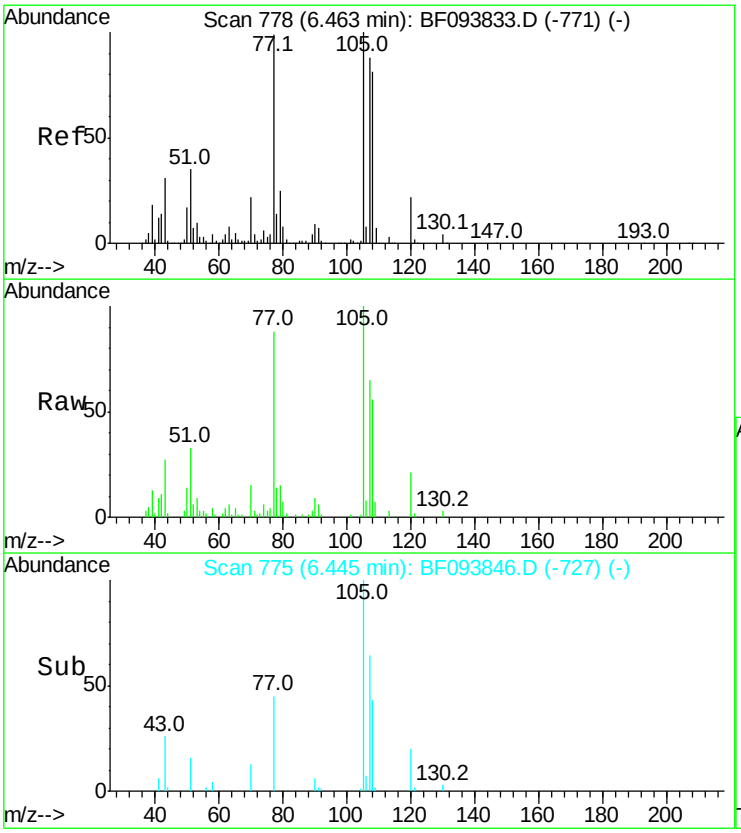

#19
n-Nitroso-di-n-propylamine
Concen: 2.37 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 70 Resp: 19682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.6 | 47.2 | 70.8 |
| 101 | 10.1 | 7.2 | 10.8 |
| 130 | 21.4 | 15.9 | 23.9 |

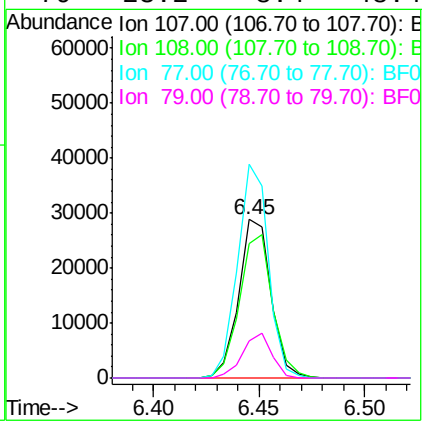


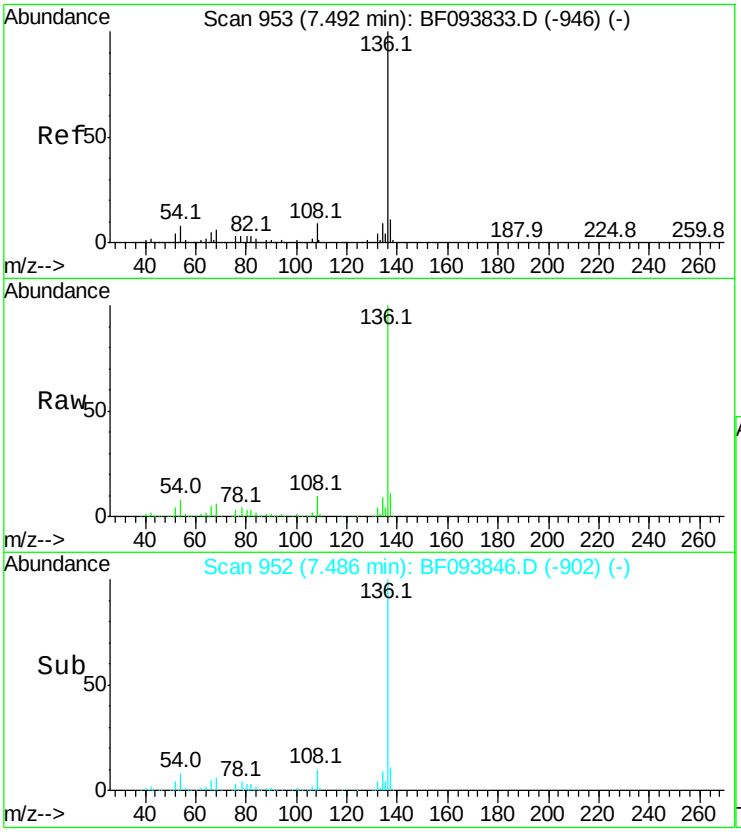




#20
3+4-Methylphenols
Concen: 2.58 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:107 Resp: 30713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.1 | 71.0 | 111.0 |
| 77 | 134.8 | 90.5 | 130.5# |
| 79 | 23.2 | 8.4 | 48.4 |



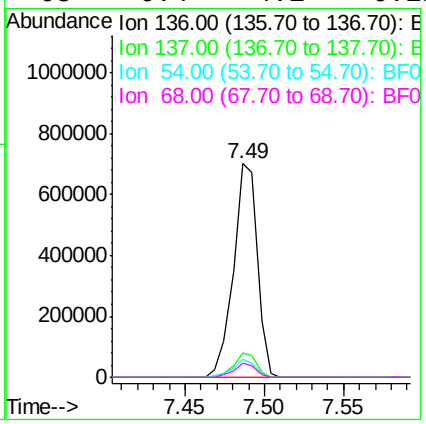


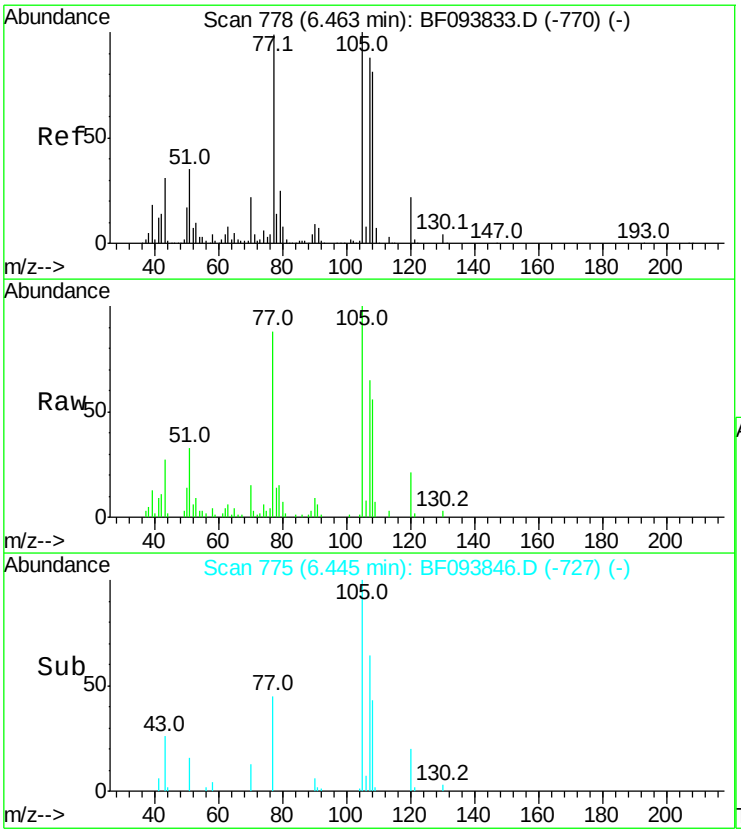

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:136 Resp: 731155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.5 | 12.7 |
| 54 | 8.3 | 4.9 | 7.3# |
| 68 | 6.4 | 4.1 | 6.1# |

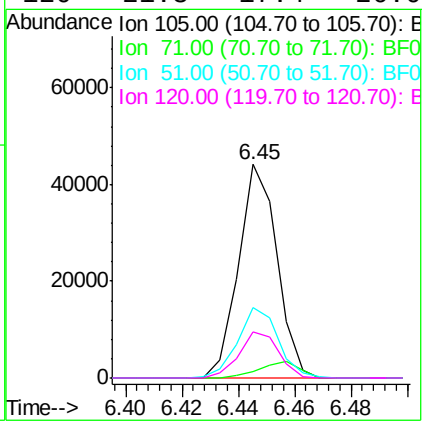


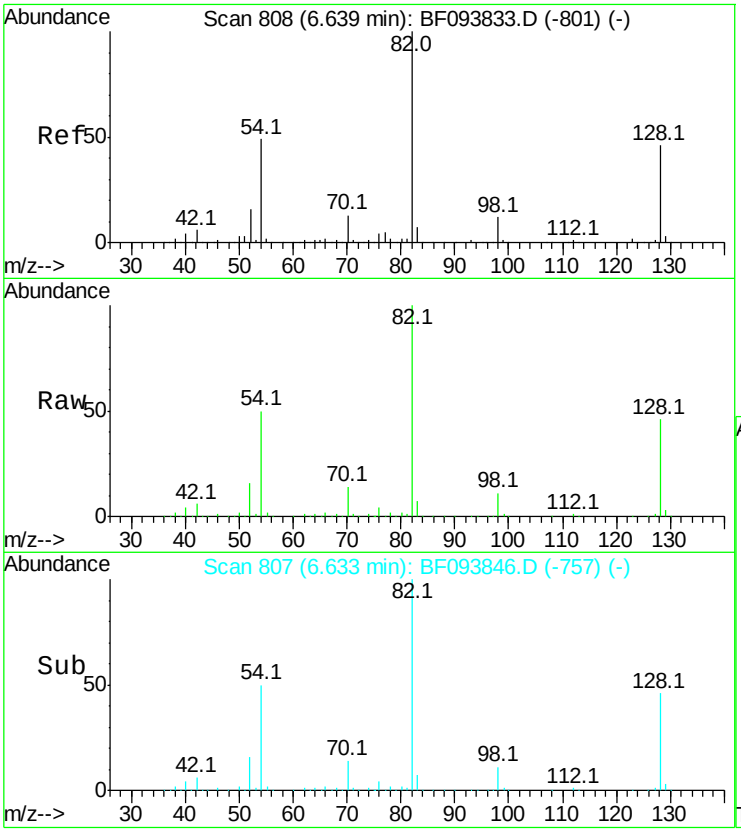




#22
Acetophenone
Concen: 2.55 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:105 Resp: 41608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.8 | 2.8 | 4.2# |
| 51 | 33.0 | 30.7 | 46.1 |
| 120 | 21.3 | 17.4 | 26.0 |



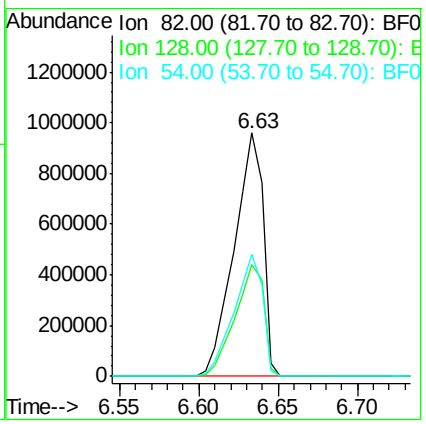


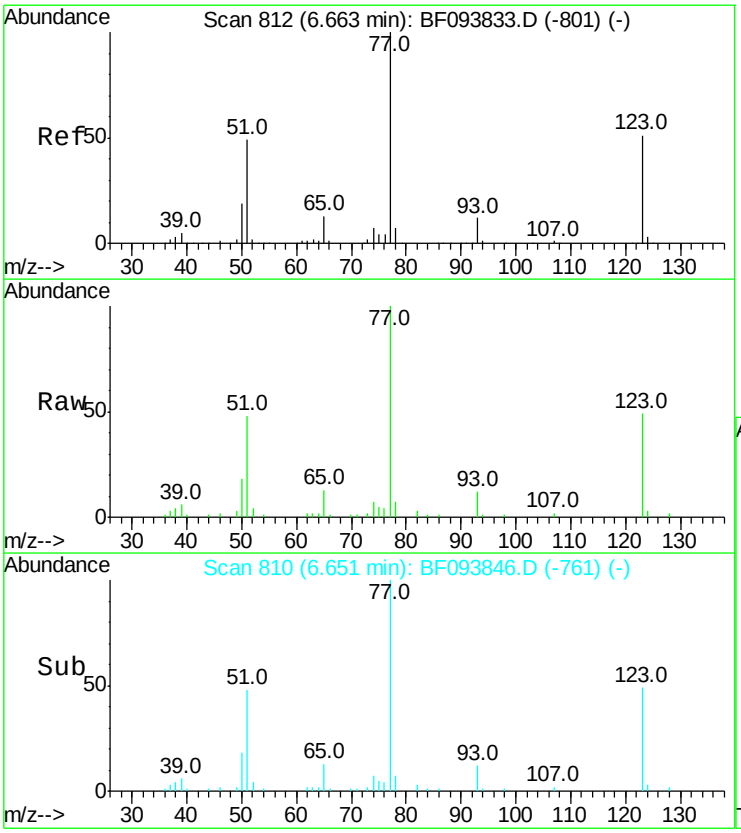

#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 82 Resp: 1208403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 34.0 | 51.0 |
| 54 | 50.4 | 42.2 | 63.2 |

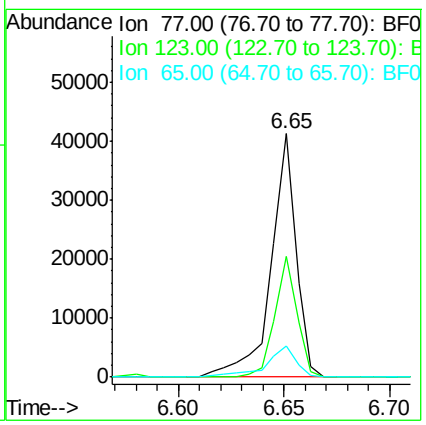


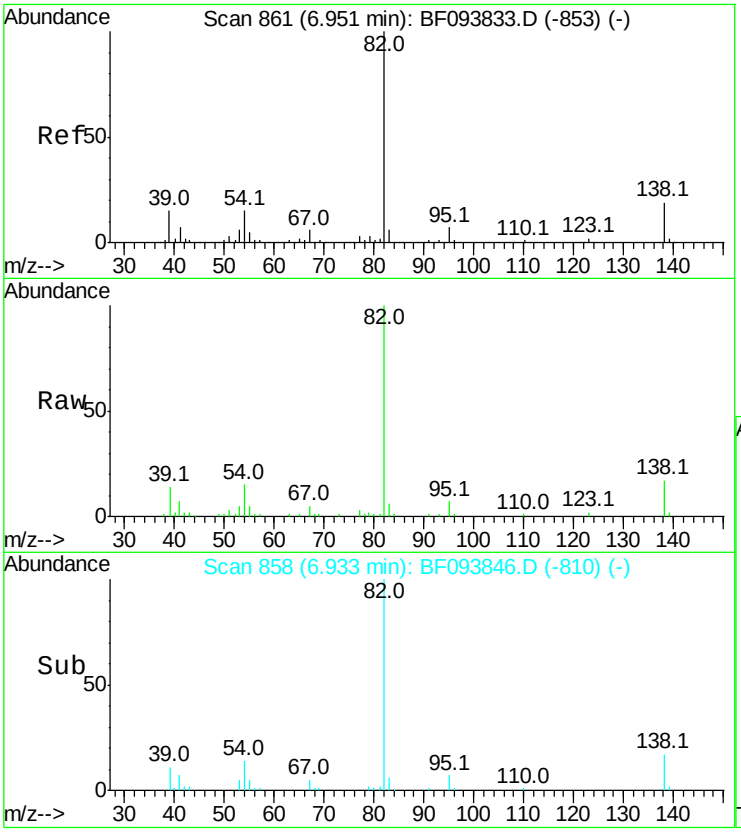




#24
Nitrobenzene
Concen: 2.68 ng
RT: 6.65 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 77 Resp: 33880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.4 | 35.8 | 53.8 |
| 65 | 12.7 | 10.6 | 15.8 |



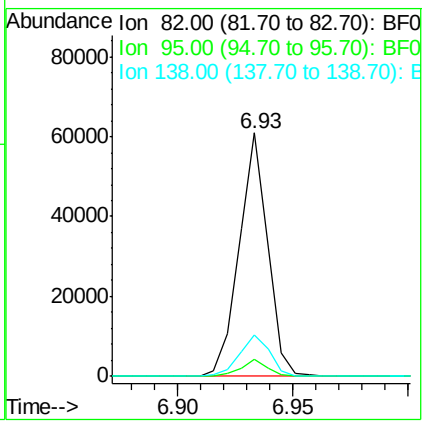


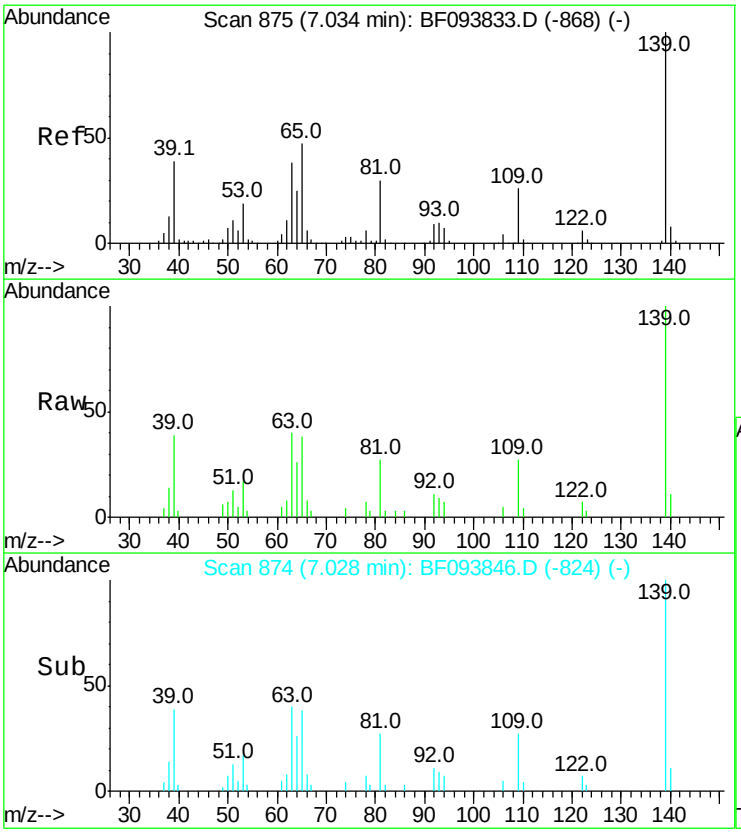

#25
Isophorone
Concen: 2.34 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion: 82 Resp: 52592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.3 | 7.9 |
| 138 | 17.0 | 13.1 | 19.7 |

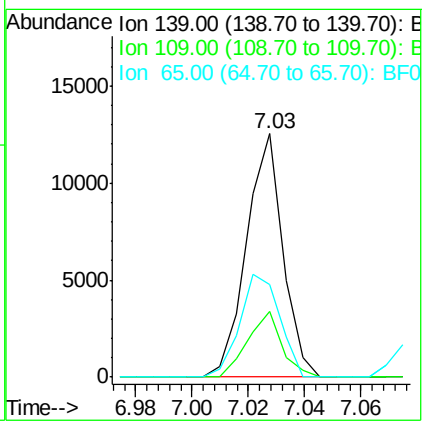


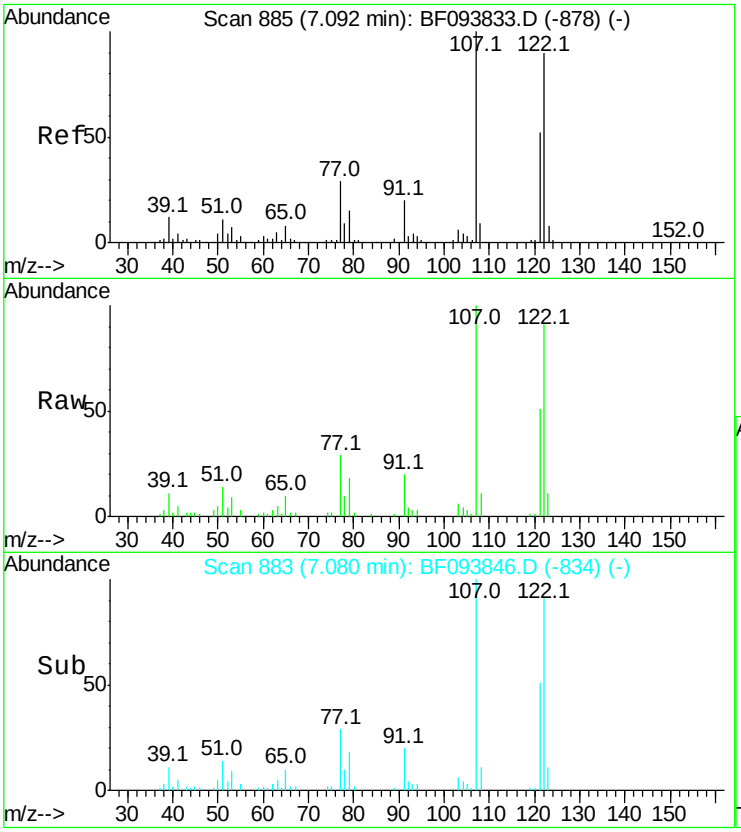




#26
2-Nitrophenol
Concen: 1.86 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:139 Resp: 11205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.1 | 21.0 | 31.6 |
| 65 | 37.8 | 33.0 | 49.6 |



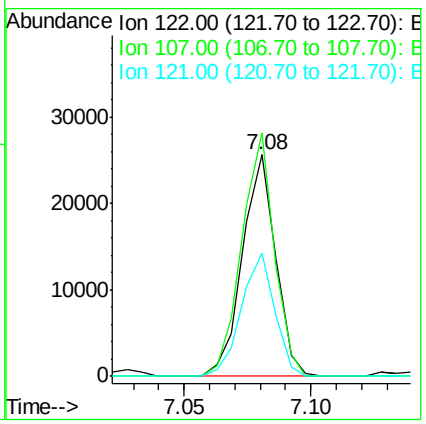


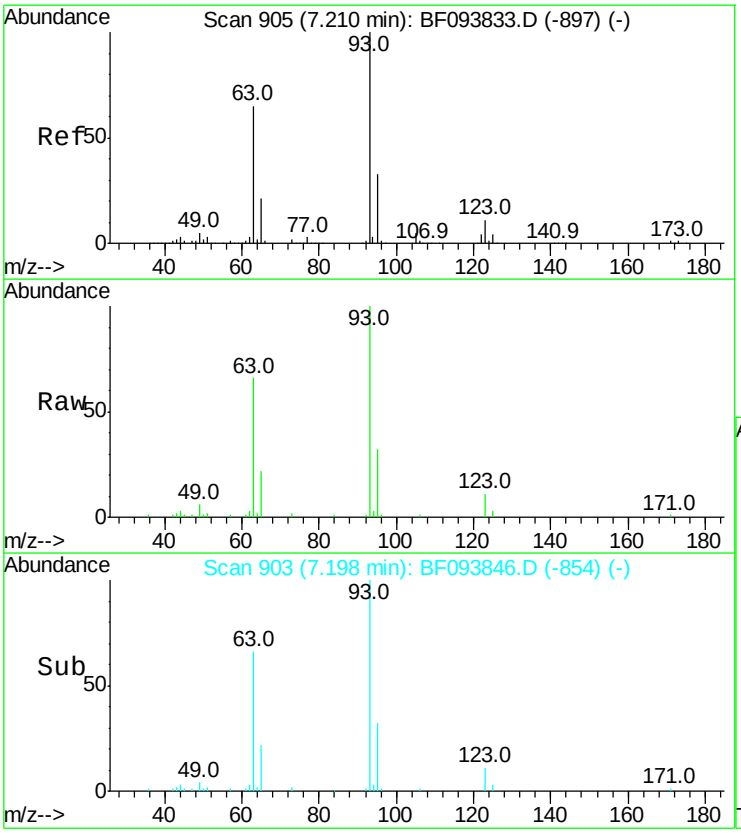

#27
2,4-Dimethylphenol
Concen: 2.25 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:122 Resp: 23356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.0 | 89.2 | 133.8 |
| 121 | 55.9 | 45.2 | 67.8 |

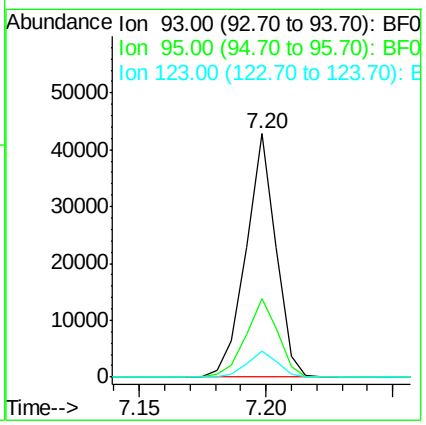


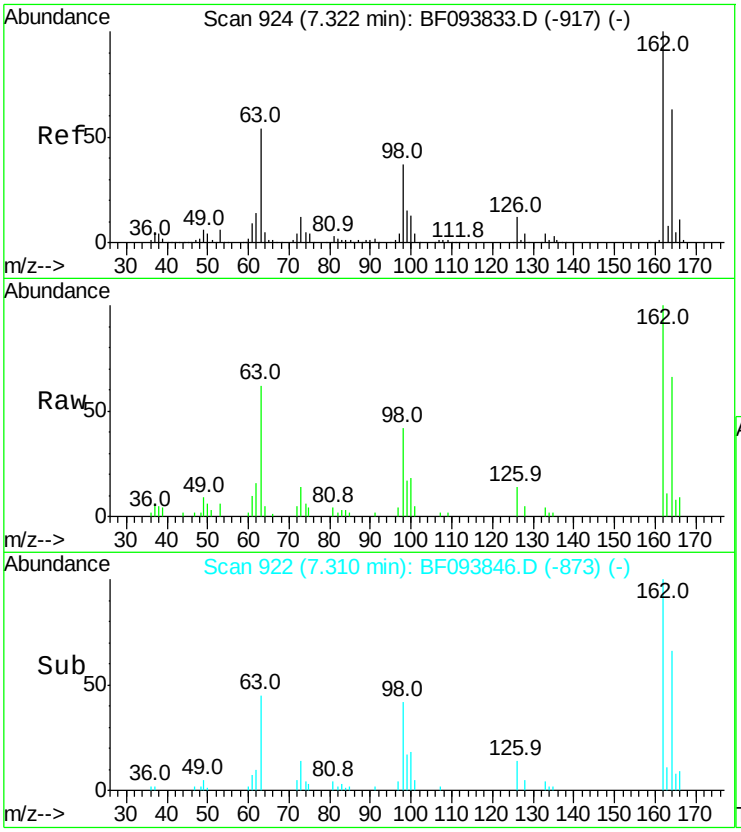




#28
bis(2-Chloroethoxy)methane
Concen: 2.38 ng
RT: 7.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 93 Resp: 35354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 26.5 | 39.7 |
| 123 | 10.5 | 9.0 | 13.4 |



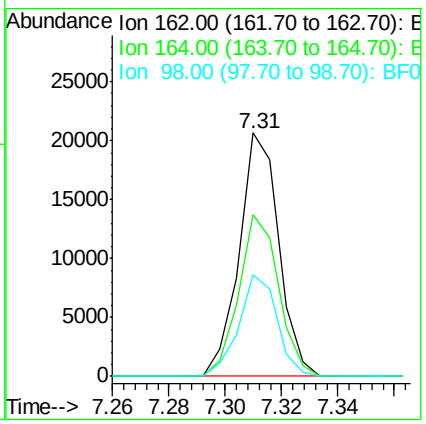


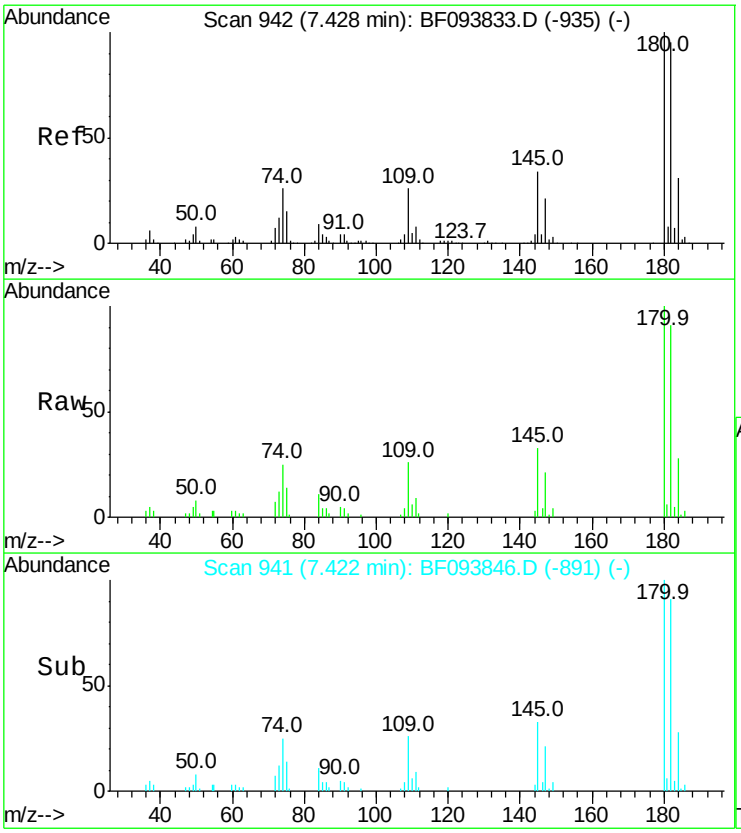

#29
2,4-Dichlorophenol
Concen: 2.07 ng
RT: 7.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:162 Resp: 20072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.2 | 44.6 | 84.6 |
| 98 | 41.8 | 14.8 | 54.8 |

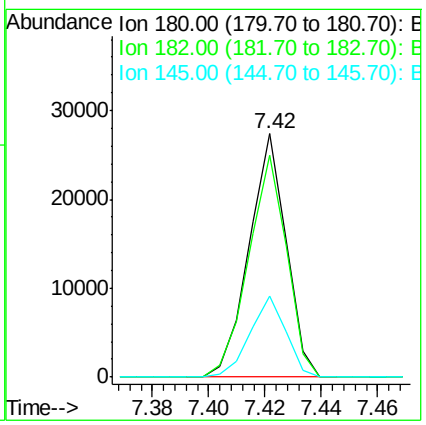


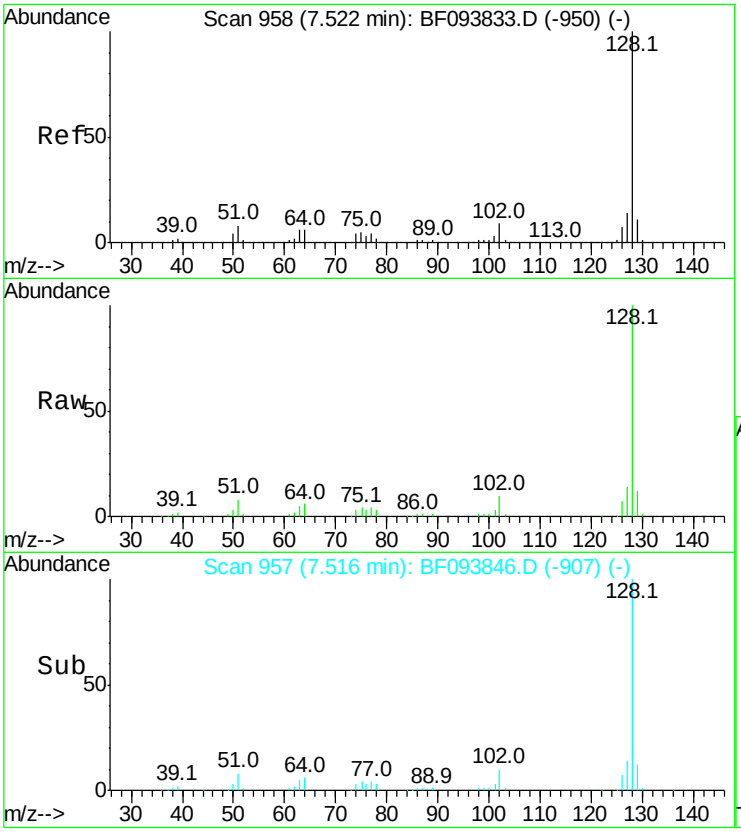




#30
1,2,4-Trichlorobenzene
Concen: 2.50 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:180 Resp: 25009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.0 | 75.8 | 113.6 |
| 145 | 33.1 | 25.3 | 37.9 |



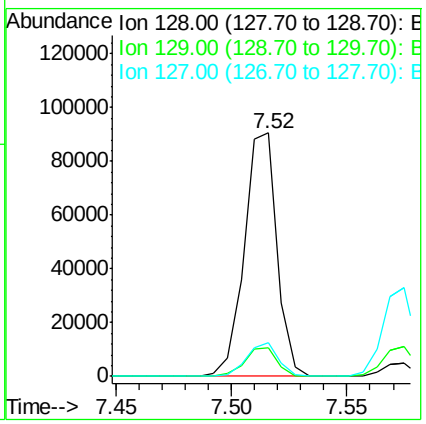


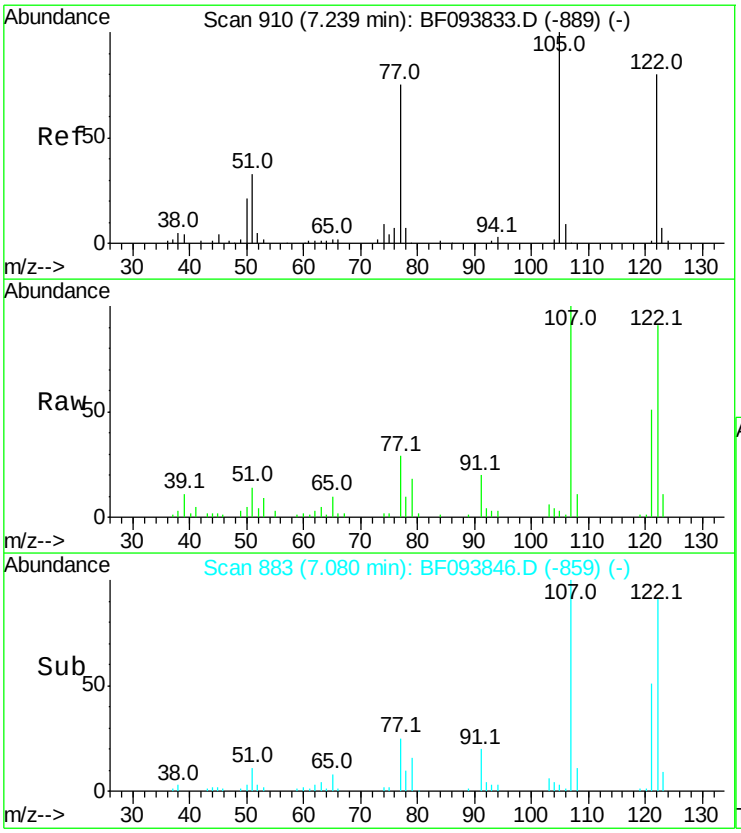

#31
Naphthalene
Concen: 2.55 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:128 Resp: 89559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.0 | 13.6 |
| 127 | 13.8 | 10.8 | 16.2 |

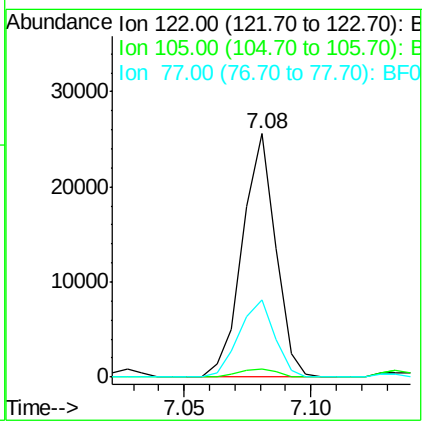


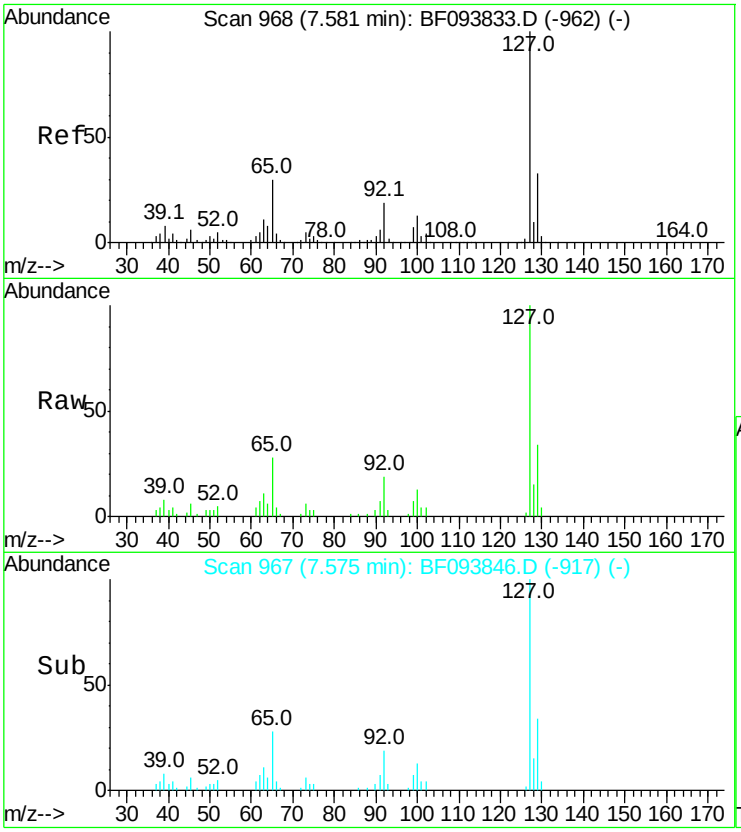




#32
Benzoic acid
Concen: 3.38 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.16 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:122 Resp: 23356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.3 | 103.3 | 143.3# |
| 77 | 31.9 | 73.7 | 113.7# |



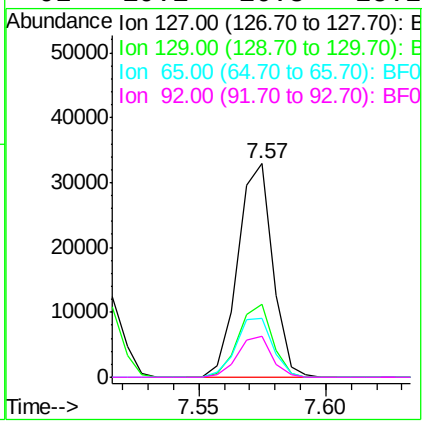


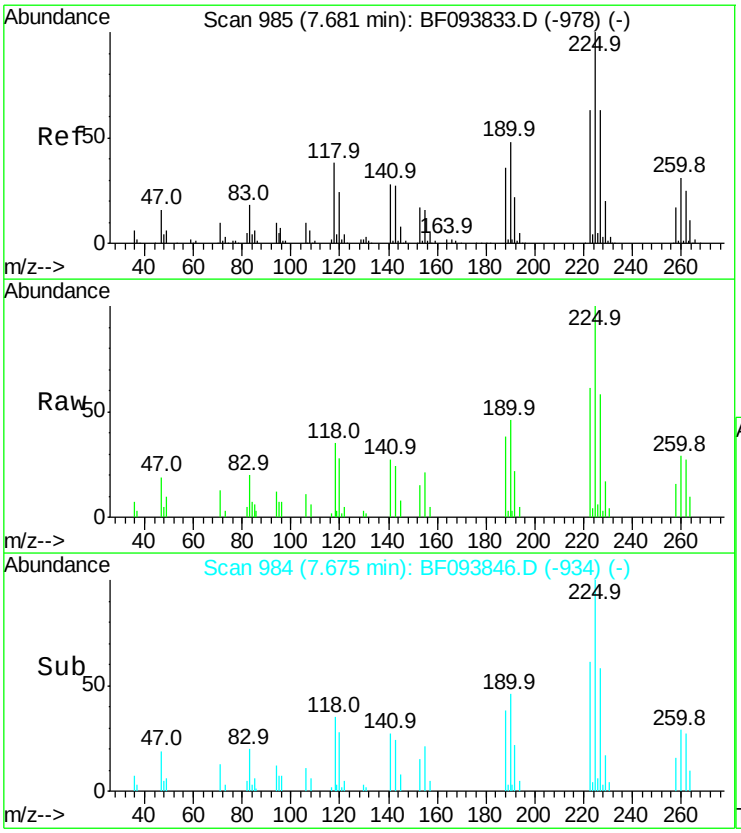

#33
4-Chloroaniline
Concen: 2.21 ng
RT: 7.57 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:127 Resp: 31443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.9 | 26.2 | 39.2 |
| 65 | 27.8 | 27.8 | 41.8 |
| 92 | 19.1 | 16.8 | 25.2 |

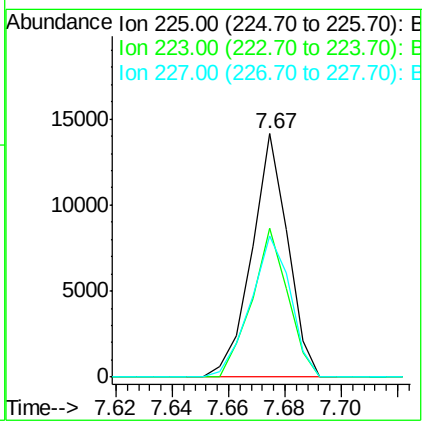


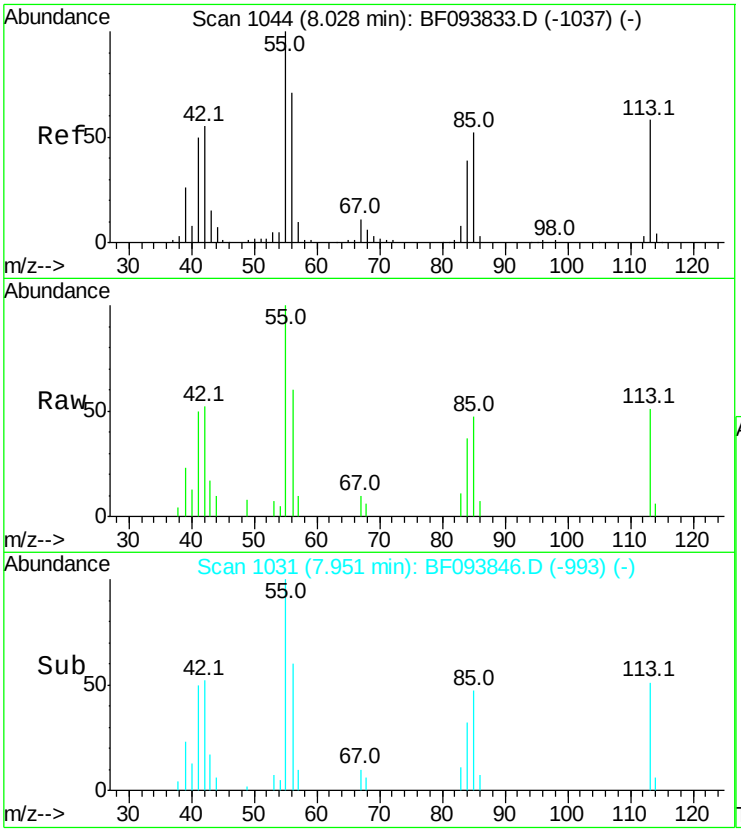




#34
Hexachlorobutadiene
Concen: 2.45 ng
RT: 7.67 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:225 Resp: 12553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.3 | 48.8 | 73.2 |
| 227 | 57.9 | 51.1 | 76.7 |



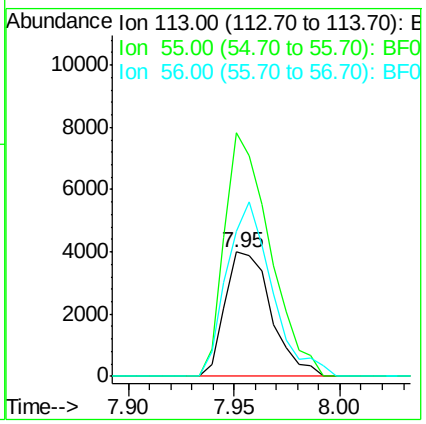


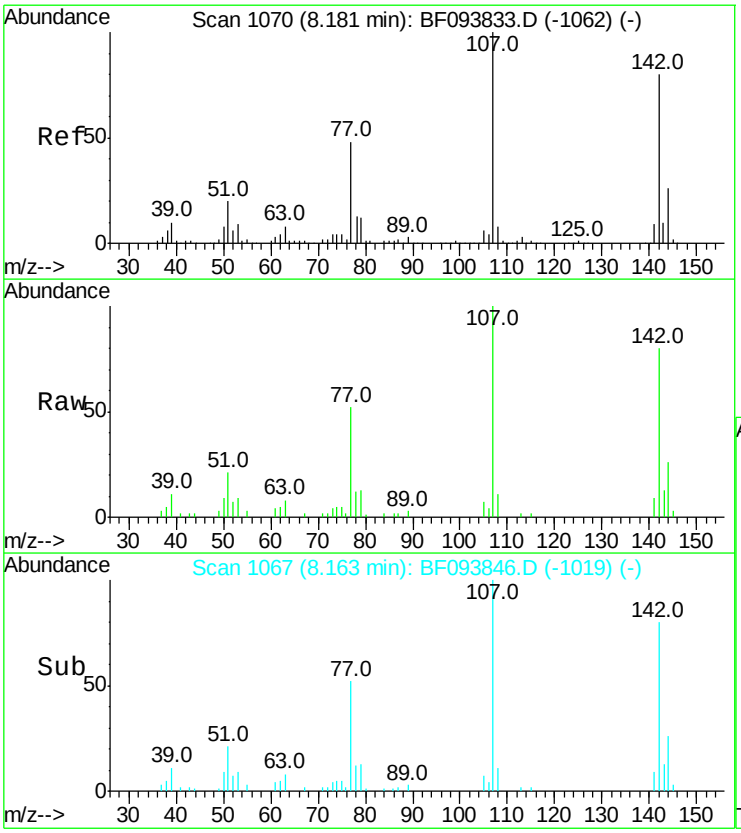

#35
Caprolactam
Concen: 1.95 ng
RT: 7.95 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:113 Resp: 6047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 196.2 | 150.2 | 190.2# |
| 56 | 117.1 | 107.8 | 147.8 |

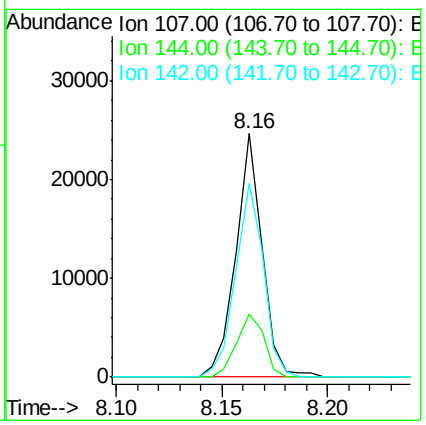


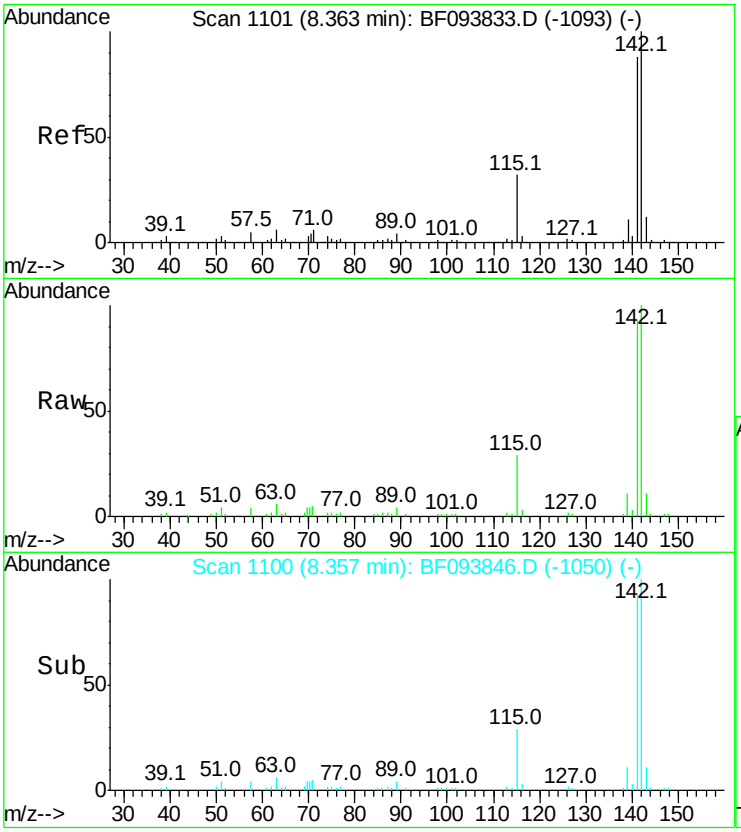




#36
4-Chloro-3-methylphenol
Concen: 2.10 ng
RT: 8.16 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:107 Resp: 21320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.1 | 24.2 | 36.4 |
| 142 | 79.7 | 73.4 | 110.0 |



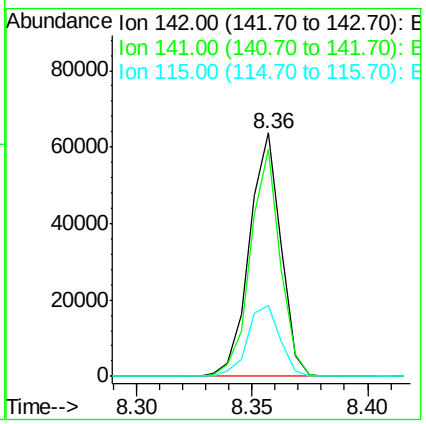


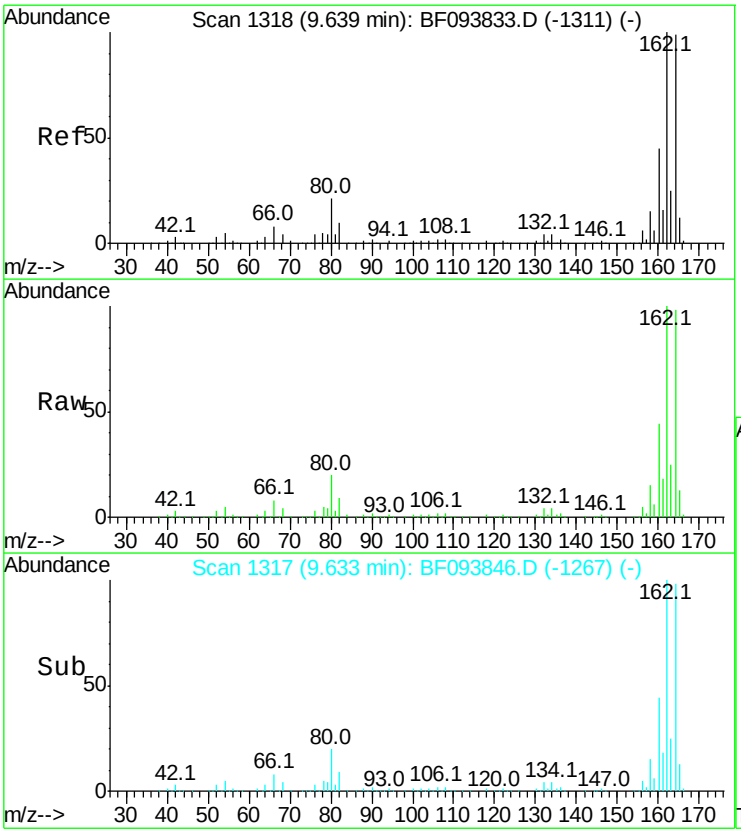

#37
2-Methylnaphthalene
Concen: 2.58 ng
RT: 8.36 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:142 Resp: 60561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.1 | 71.3 | 106.9 |
| 115 | 29.0 | 27.1 | 40.7 |

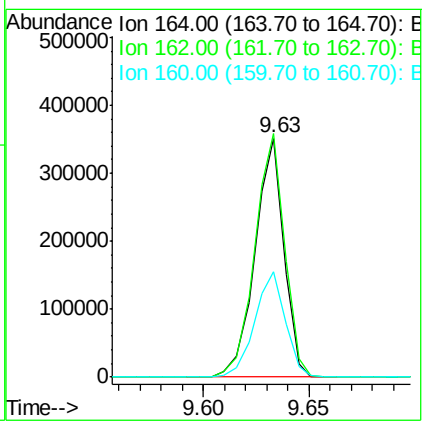


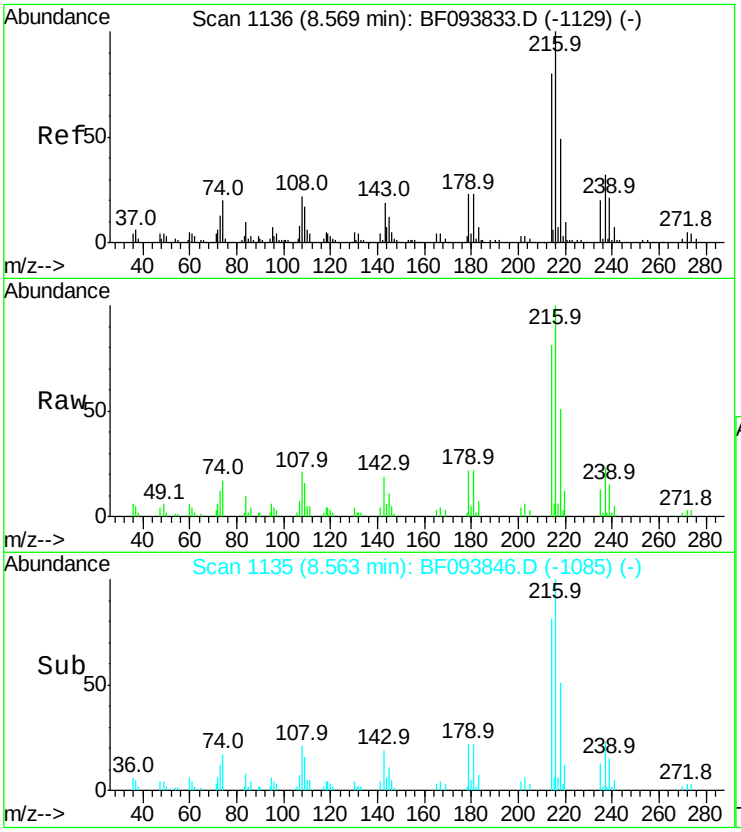




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:164 Resp: 334113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 82.6 | 123.8 |
| 160 | 44.3 | 36.2 | 54.2 |



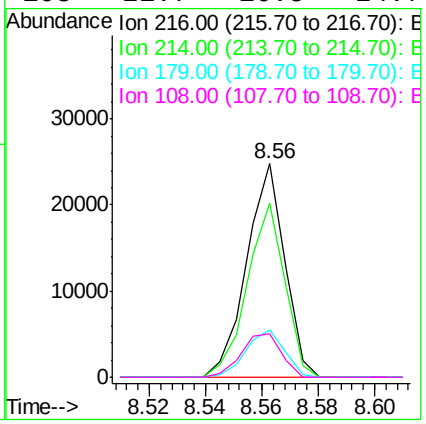


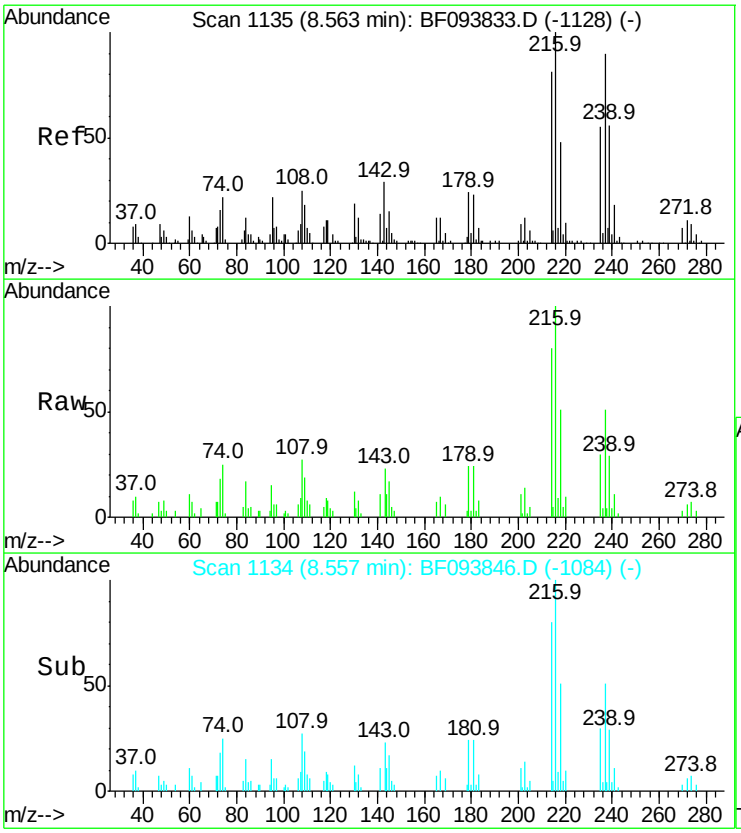

#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.52 ng
RT: 8.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:216 Resp: 23073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.9 | 63.4 | 95.2 |
| 179 | 22.7 | 17.9 | 26.9 |
| 108 | 21.7 | 16.5 | 24.7 |

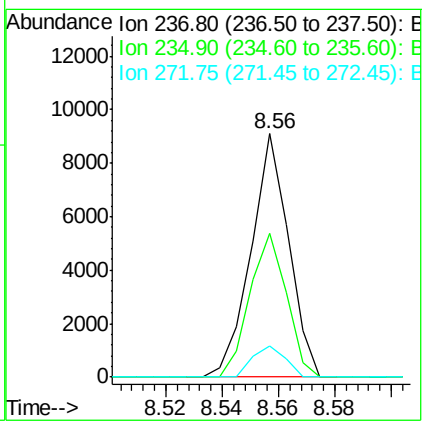


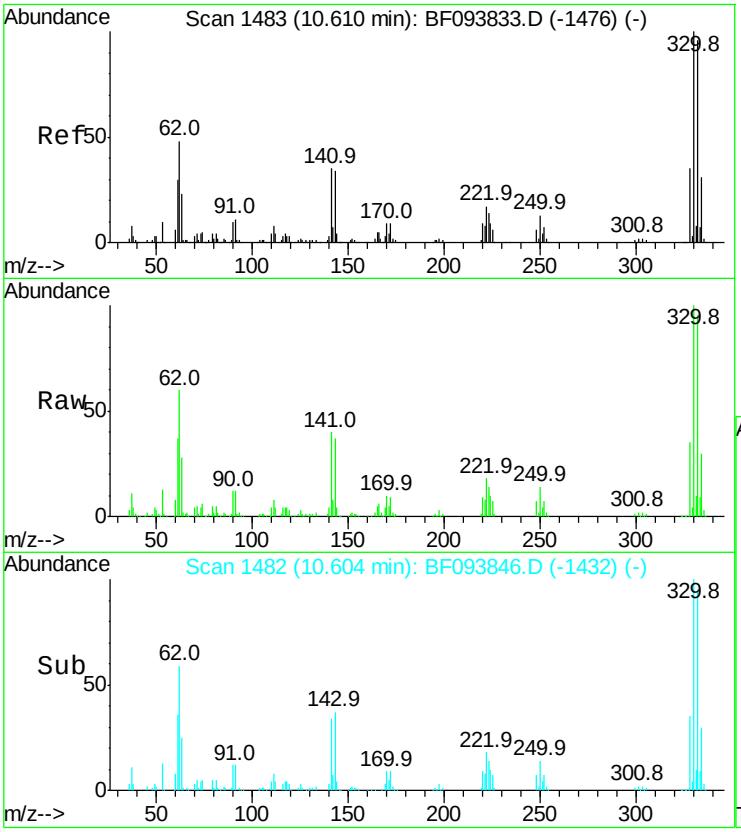




#40
Hexachlorocyclopentadiene
Concen: 1.97 ng
RT: 8.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:237 Resp: 8429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.3 | 42.6 | 82.6 |
| 272 | 12.7 | 0.0 | 31.9 |



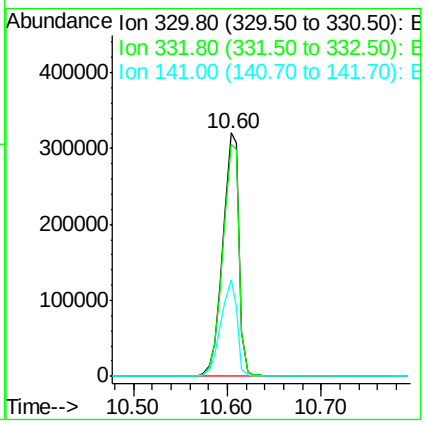


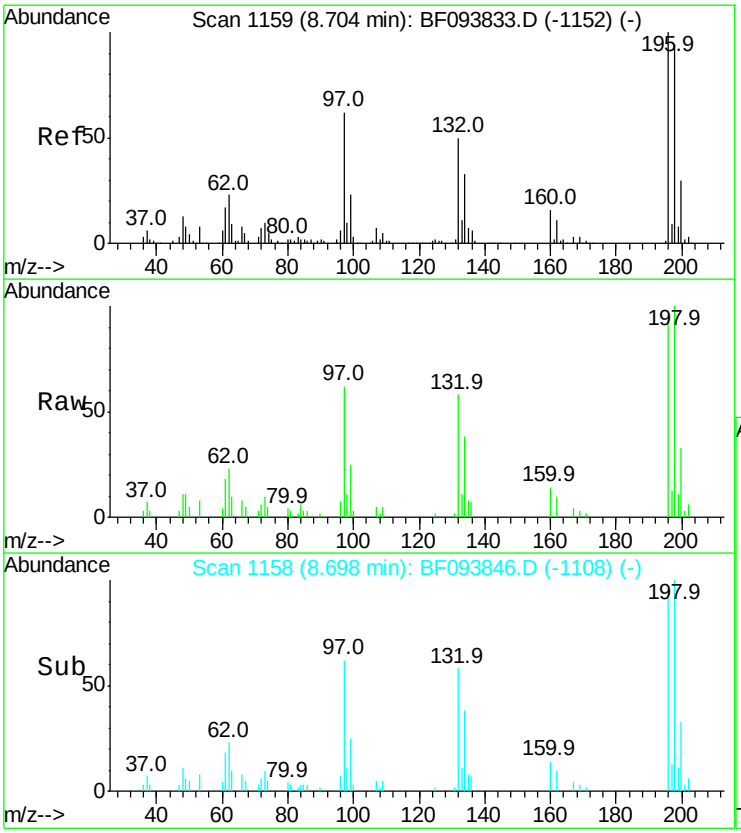

#41
2,4,6-Tribromophenol
Concen: 146.29 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:330 Resp: 386226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.6 | 115.0 |
| 141 | 39.8 | 31.4 | 47.2 |

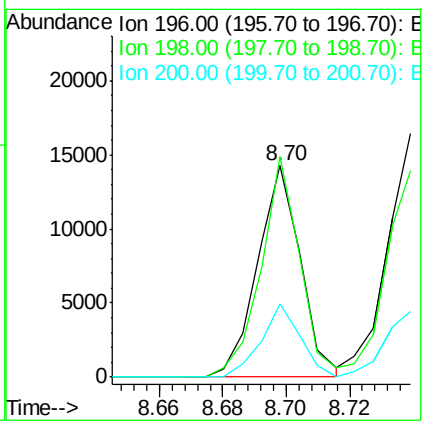


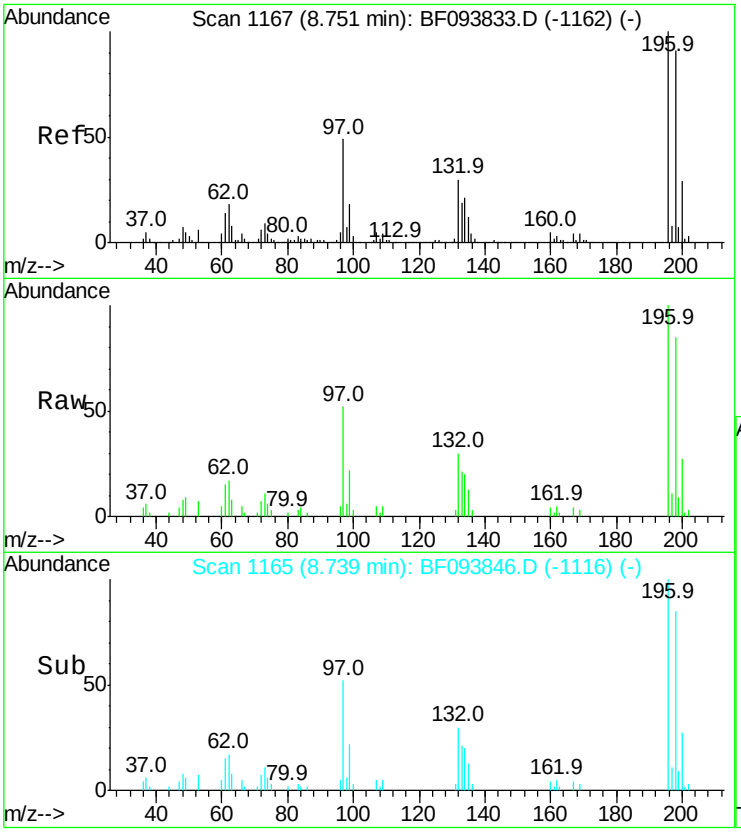




#42
2,4,6-Trichlorophenol
Concen: 2.07 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:196 Resp: 13399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 104.6 | 74.2 | 111.4 |
| 200 | 34.5 | 24.0 | 36.0 |



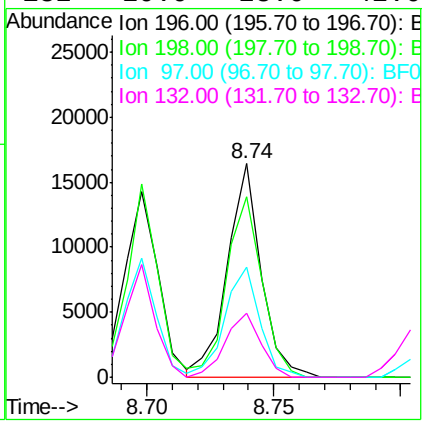


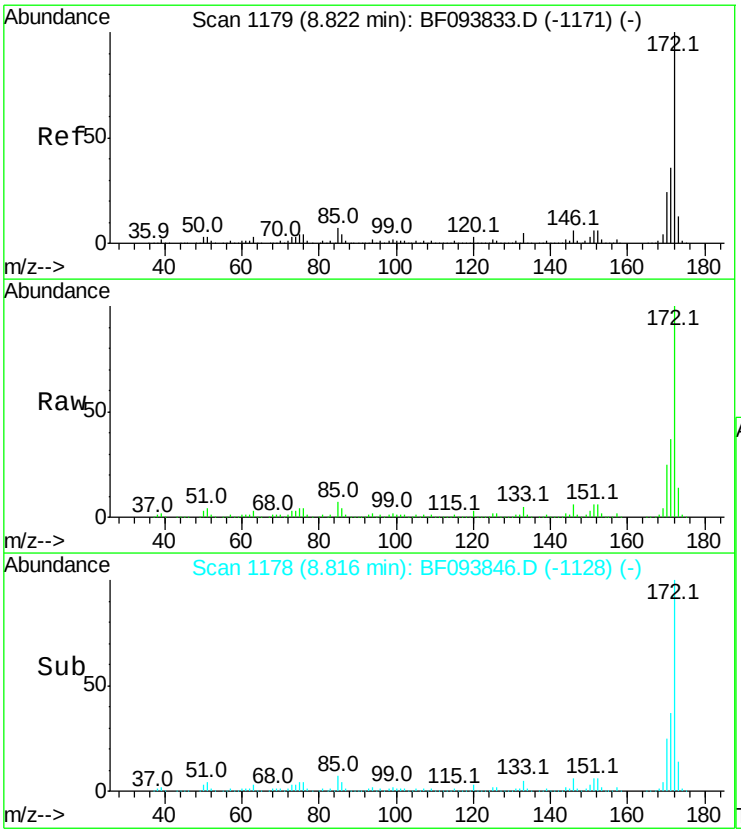

#43
2,4,5-Trichlorophenol
Concen: 2.16 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:196 Resp: 15146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 84.6 | 75.7 | 113.5 |
| 97 | 51.5 | 47.7 | 71.5 |
| 132 | 29.9 | 28.0 | 42.0 |

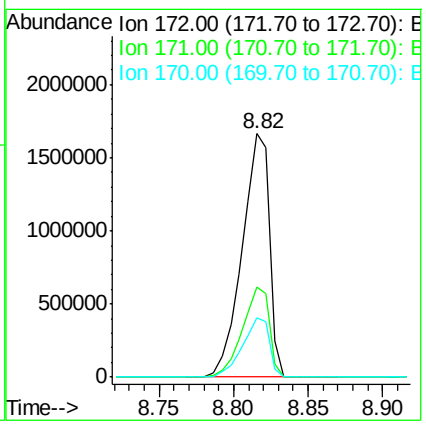


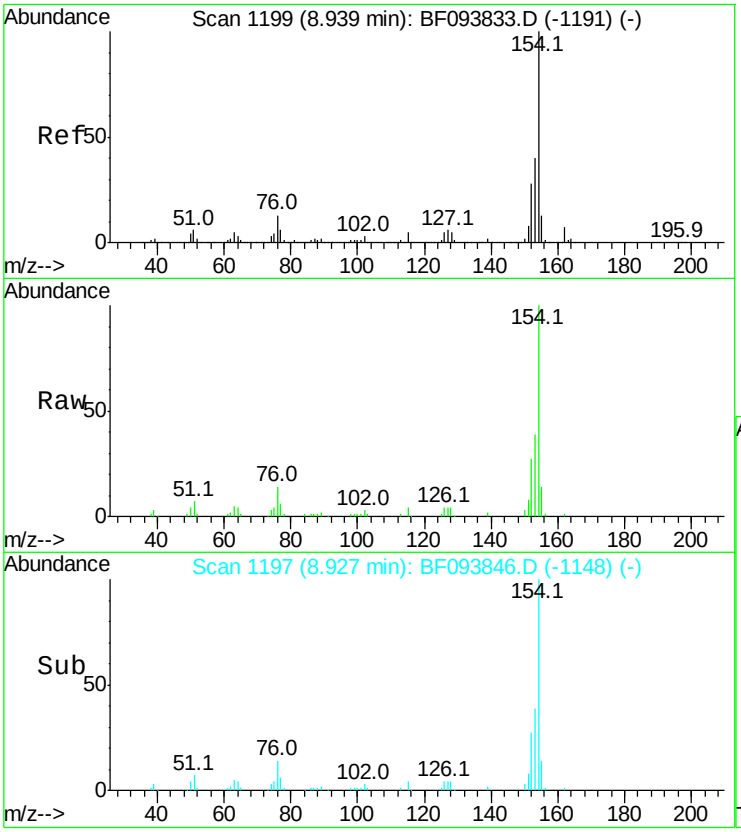




#44
2-Fluorobiphenyl
Concen: 95.46 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:172 Resp: 2091034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.6 | 44.4 |
| 170 | 24.6 | 19.8 | 29.8 |



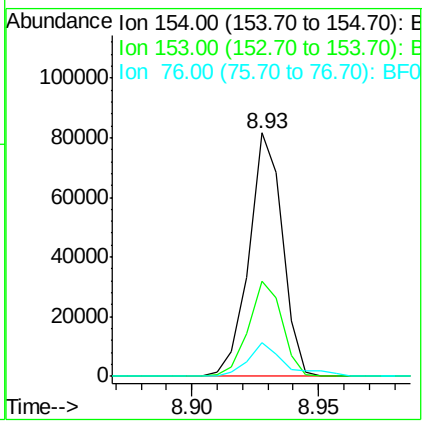


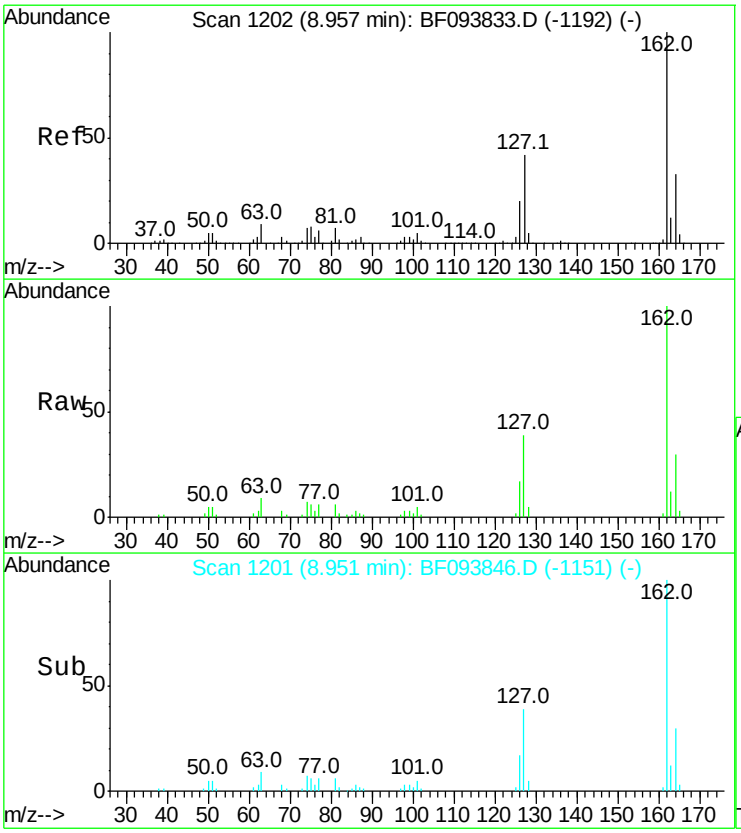

#45
1,1'-Biphenyl
Concen: 2.79 ng
RT: 8.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:154 Resp: 75267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.9 | 21.2 | 61.2 |
| 76 | 13.9 | 0.0 | 29.9 |

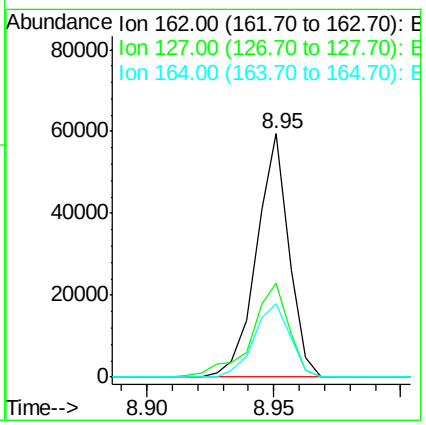


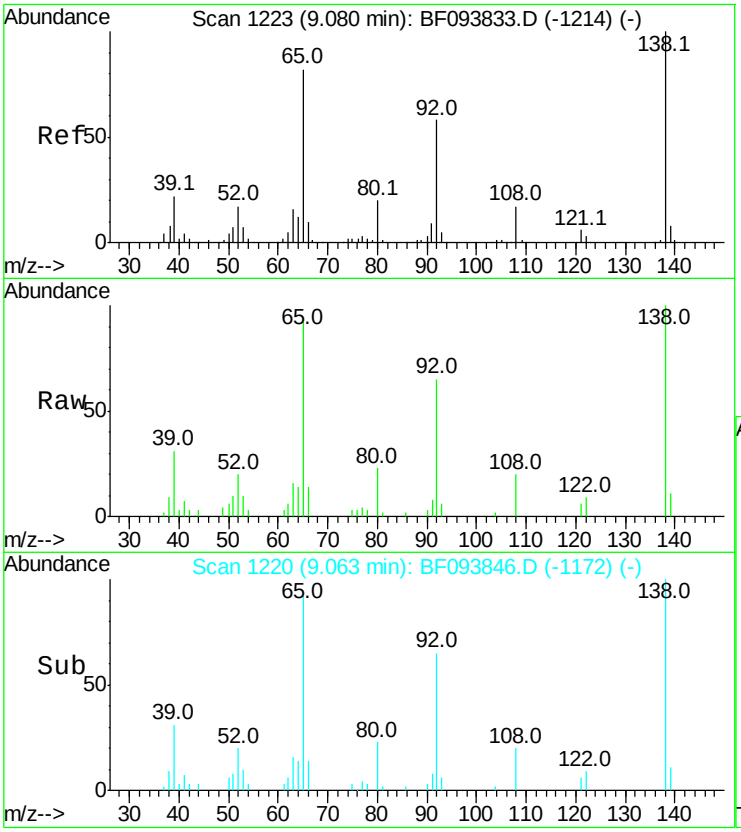




#46
2-Chloronaphthalene
Concen: 2.51 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:162 Resp: 52856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.8 | 28.3 | 42.5 |
| 164 | 30.0 | 27.0 | 40.4 |

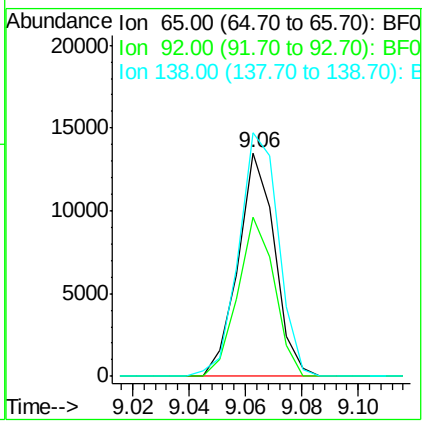




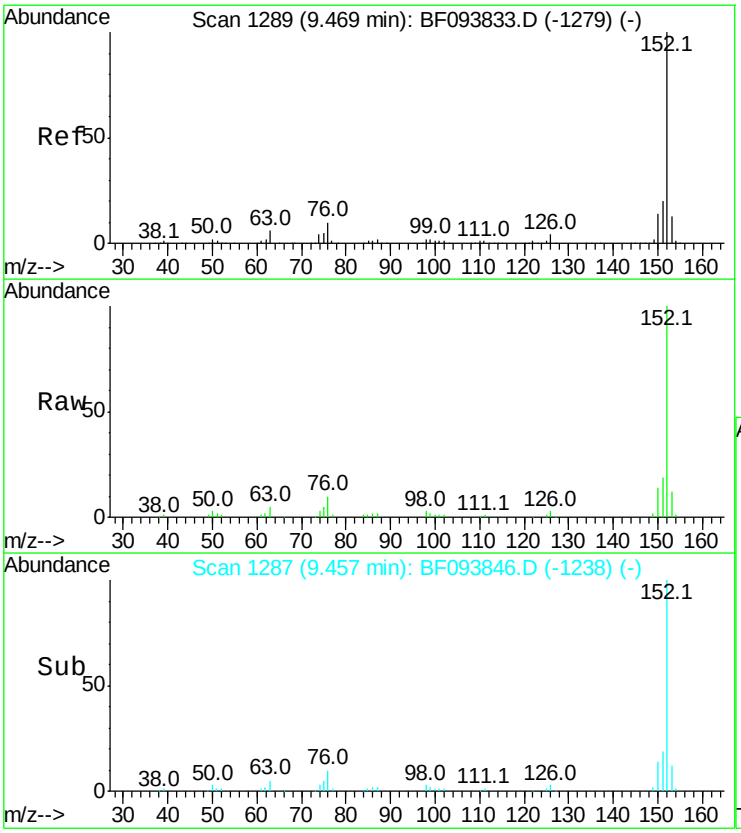

#47
2-Nitroaniline
Concen: 1.93 ng
RT: 9.06 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 65 Resp: 12101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.0 | 53.9 | 80.9 |
| 138 | 109.0 | 78.8 | 118.2 |



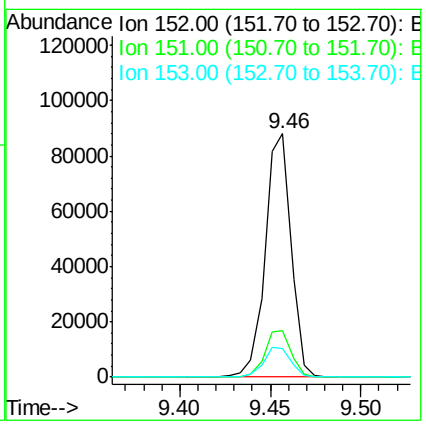

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

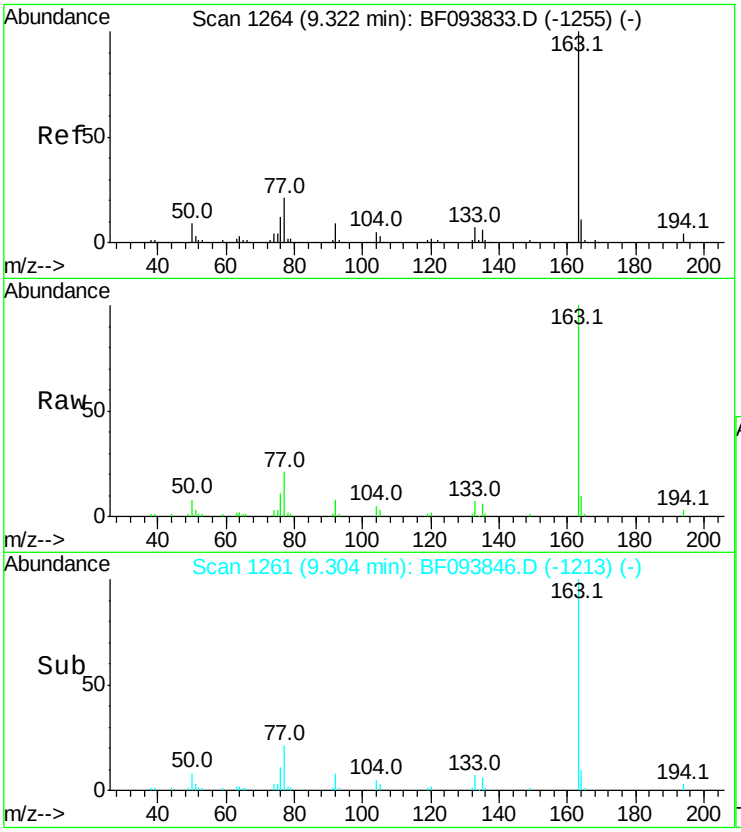



#48
Acenaphthylene
Concen: 2.49 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:152 Resp: 87413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 16.8 | 25.2 |
| 153 | 11.7 | 10.8 | 16.2 |



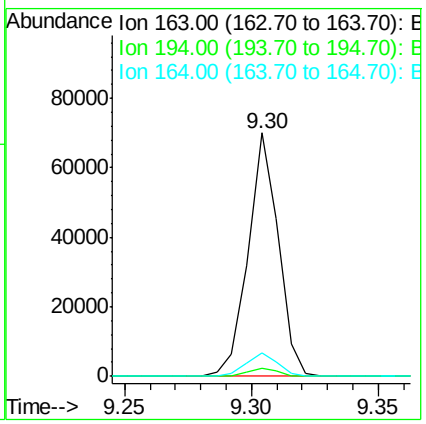


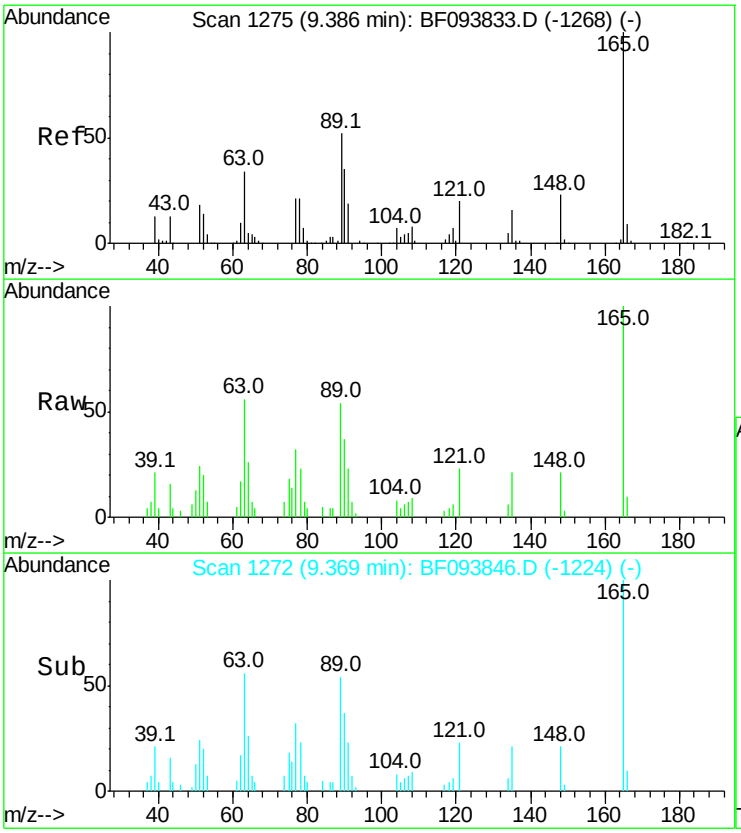

#49
Dimethylphthalate
Concen: 2.45 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:163 Resp: 58297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 9.9 | 8.4 | 12.6 |

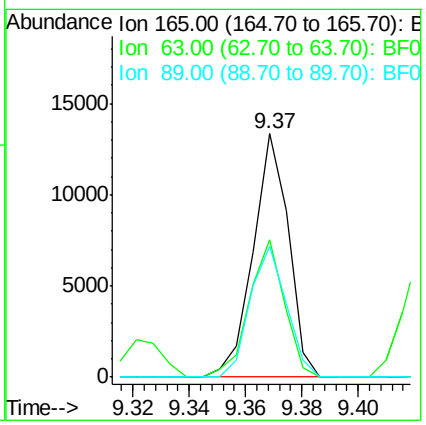


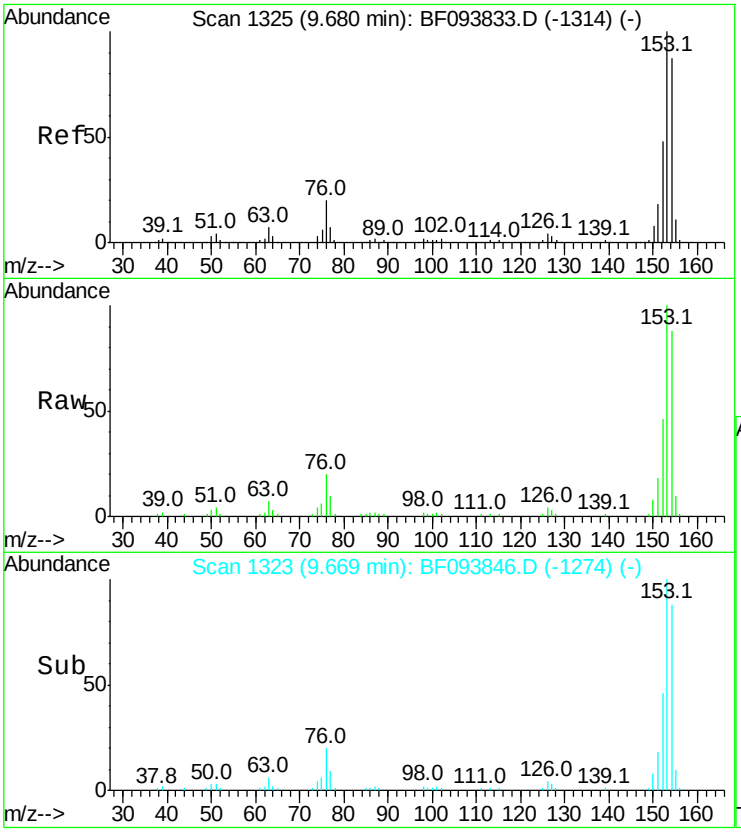




#50
2,6-Dinitrotoluene
Concen: 2.13 ng
RT: 9.37 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:165 Resp: 11599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.2 | 34.3 | 51.5# |
| 89 | 53.8 | 37.1 | 55.7 |



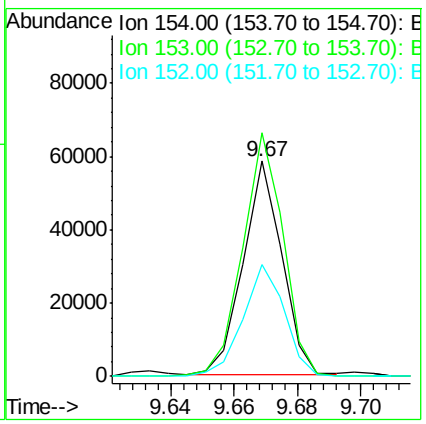


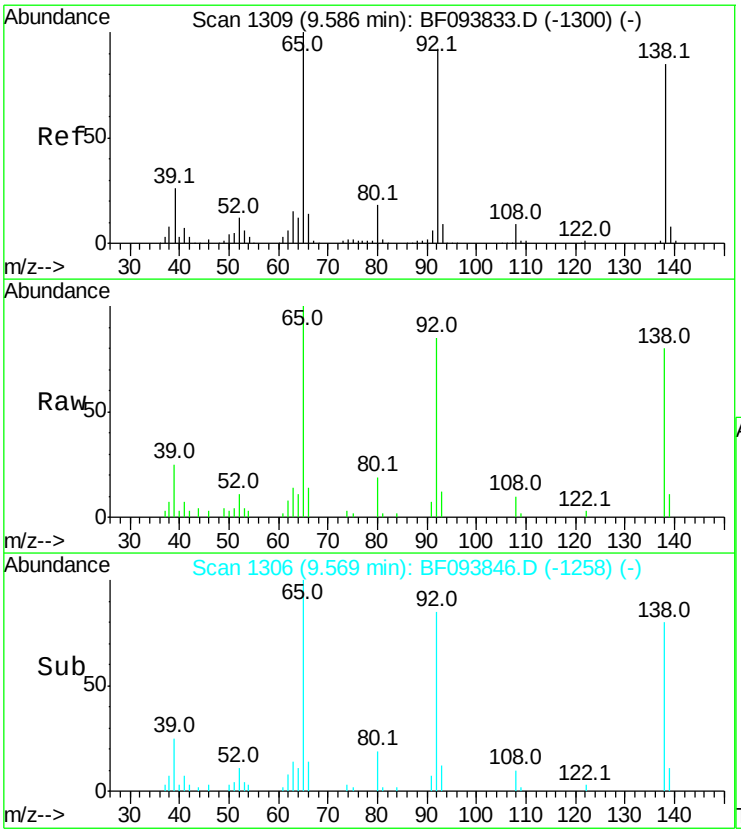

#51
Acenaphthene
Concen: 2.43 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:154 Resp: 49745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.5 | 135.7 |
| 152 | 52.2 | 43.6 | 65.4 |

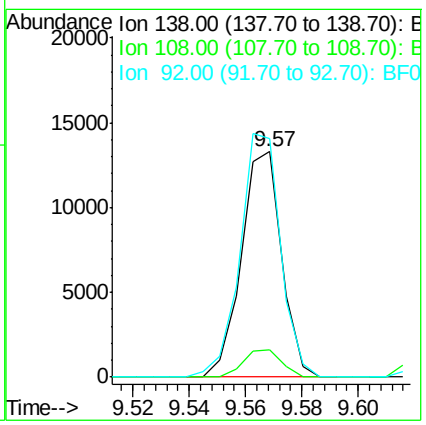


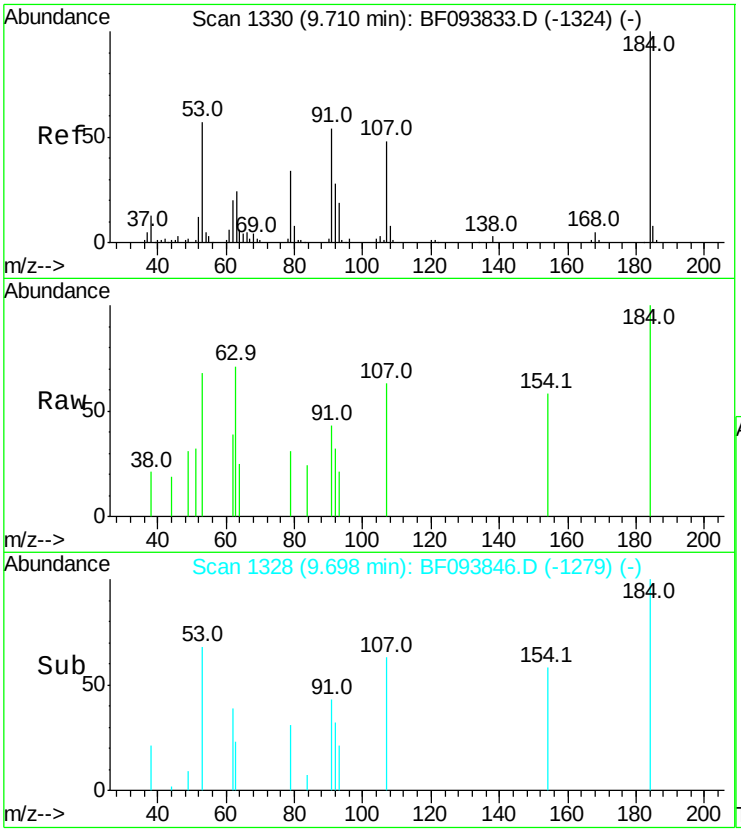




#52
3-Nitroaniline
Concen: 2.05 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:138 Resp: 13089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.2 | 9.1 | 13.7 |
| 92 | 105.9 | 93.8 | 140.6 |



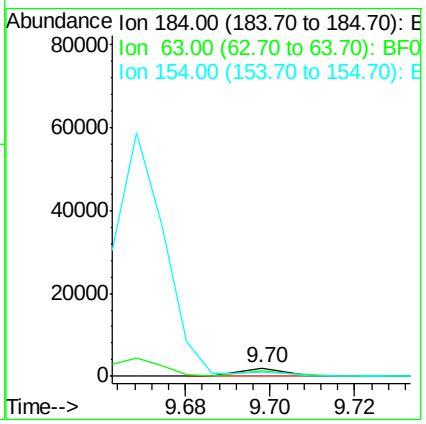


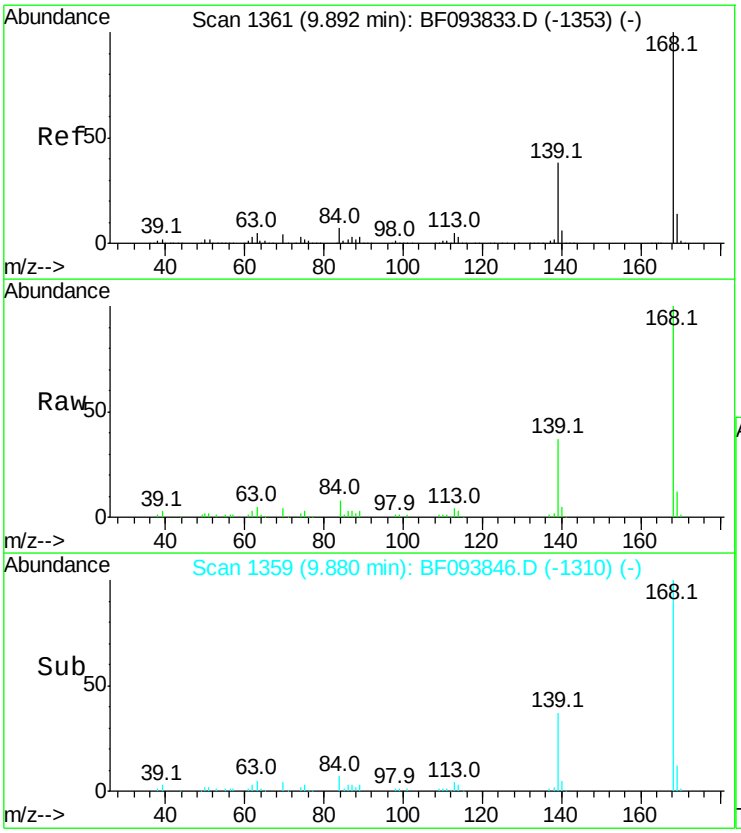

#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 9.70 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:184 Resp: 1383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 71.1 | 62.7 | 94.1 |
| 154 | 58.1 | 81.1 | 121.7# |

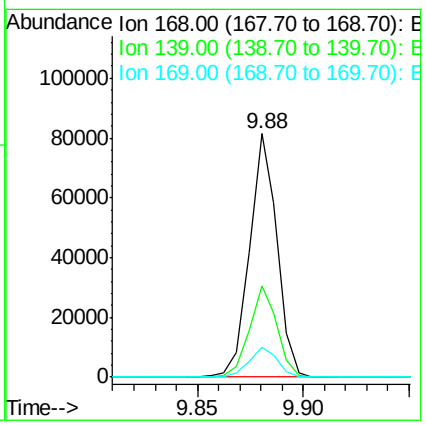


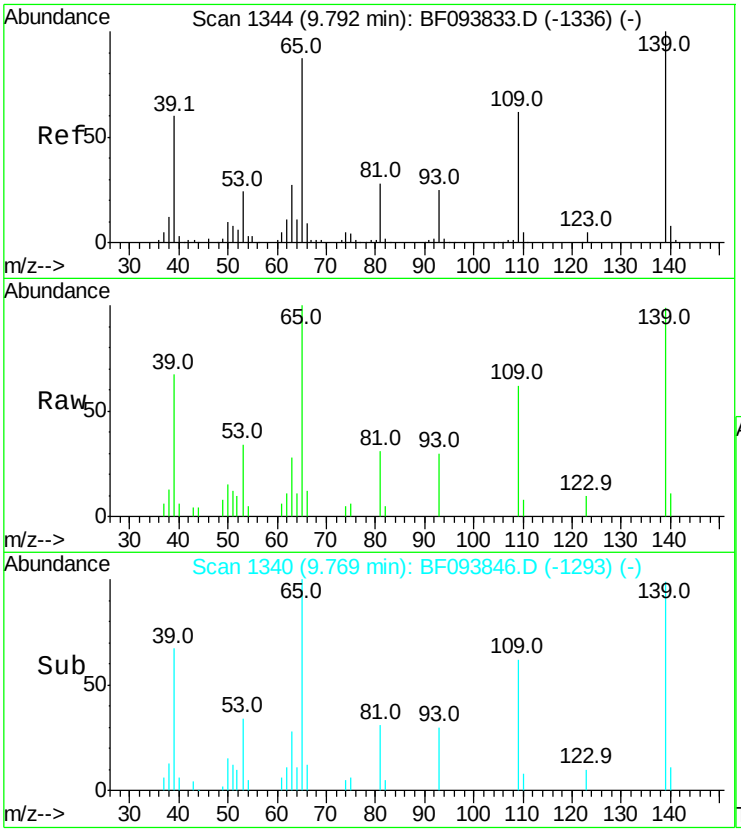




#54
Dibenzofuran
Concen: 2.64 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:168 Resp: 73496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.3 | 30.6 | 45.8 |
| 169 | 12.5 | 10.8 | 16.2 |



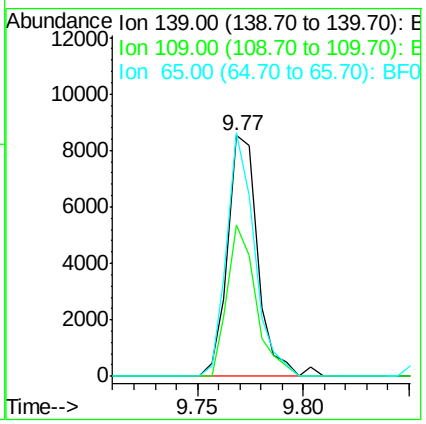


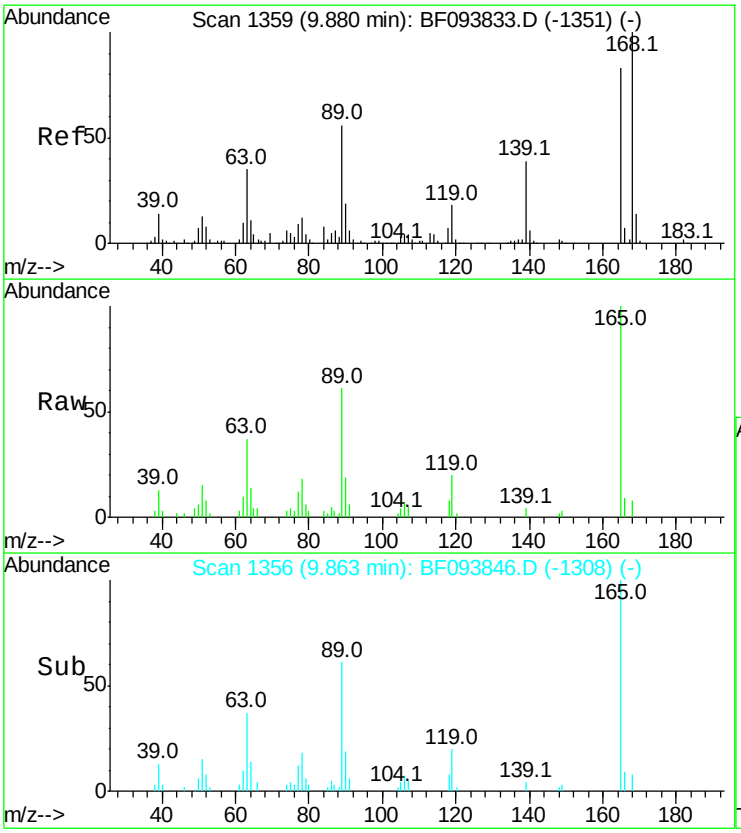

#55
4-Nitrophenol
Concen: 1.69 ng
RT: 9.77 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:139 Resp: 8459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.9 | 34.1 | 74.1 |
| 65 | 101.1 | 31.4 | 71.4# |

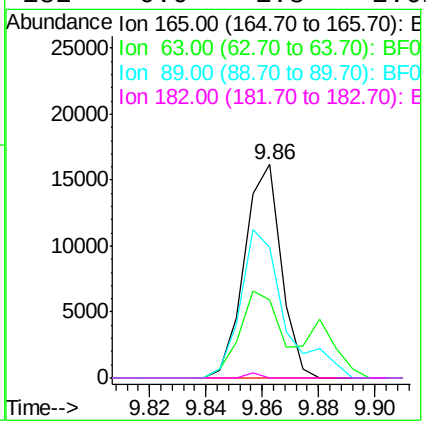


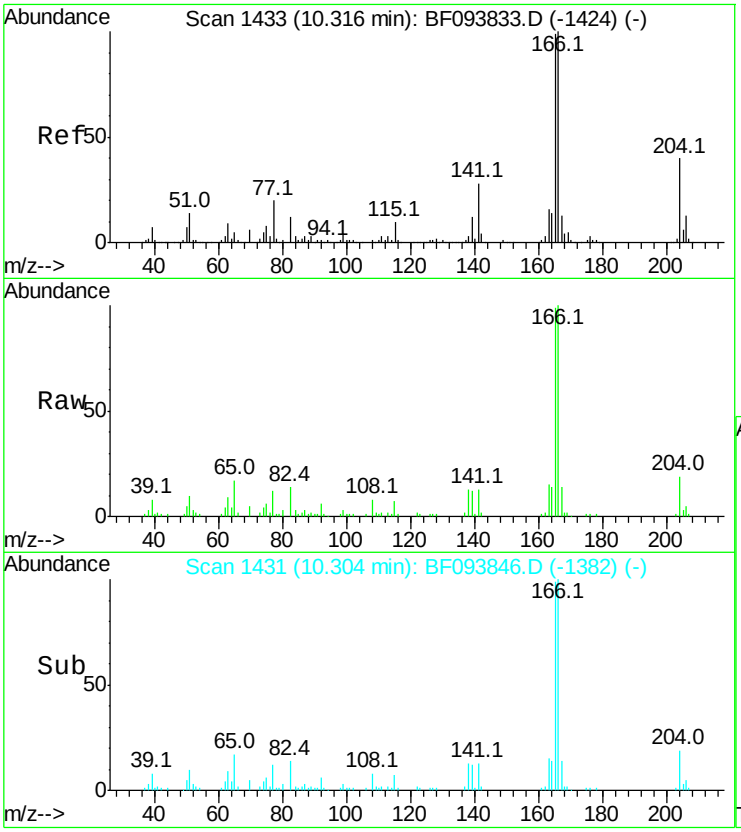




#56
2,4-Dinitrotoluene
Concen: 2.13 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:165 Resp: 14597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.8 | 25.4 | 38.0 |
| 89 | 61.0 | 46.4 | 69.6 |
| 182 | 0.0 | 1.8 | 2.6# |



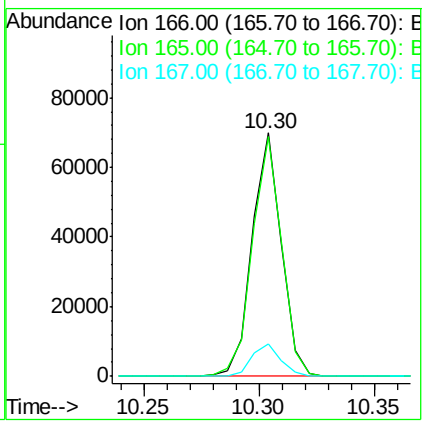


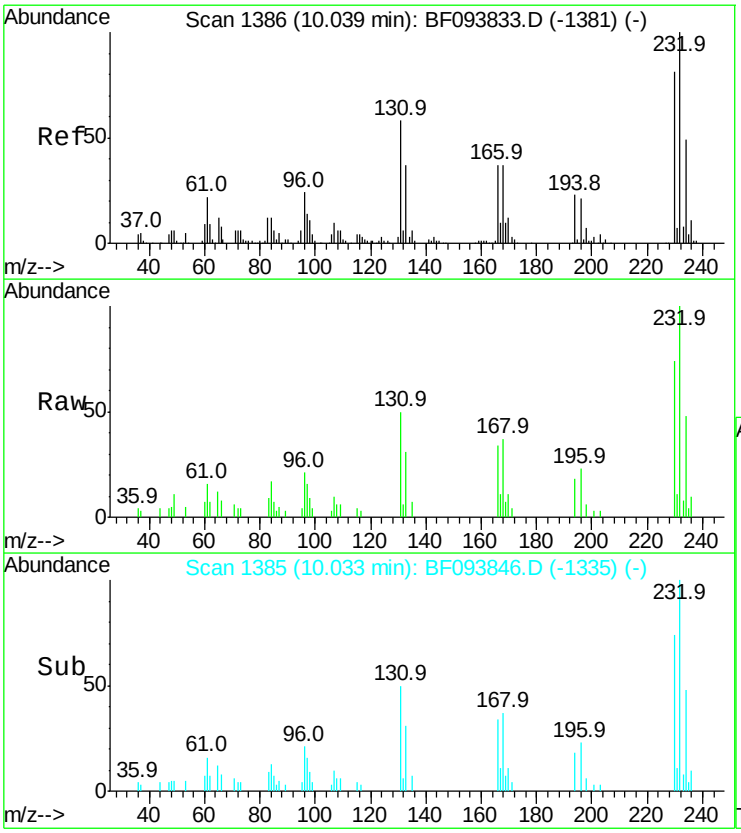

#57
Fluorene
Concen: 2.68 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:166 Resp: 61950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 78.8 | 118.2 |
| 167 | 13.5 | 10.6 | 16.0 |

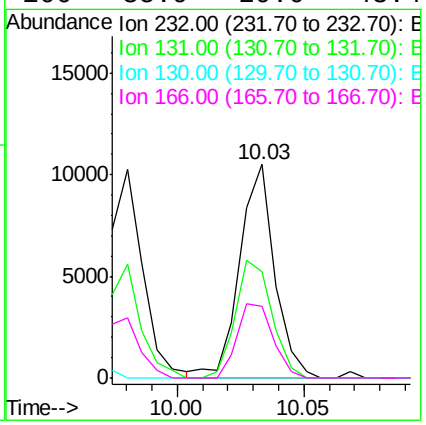


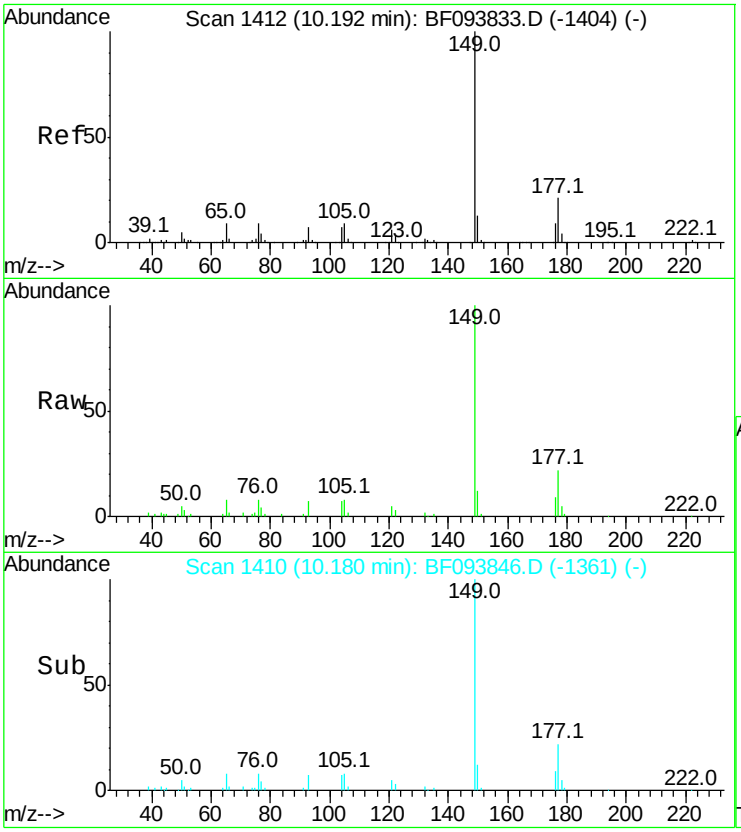




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.09 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:232 Resp: 10044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 57.6 | 44.8 | 67.2 |
| 130 | 0.0 | 2.3 | 3.5# |
| 166 | 35.9 | 29.0 | 43.4 |



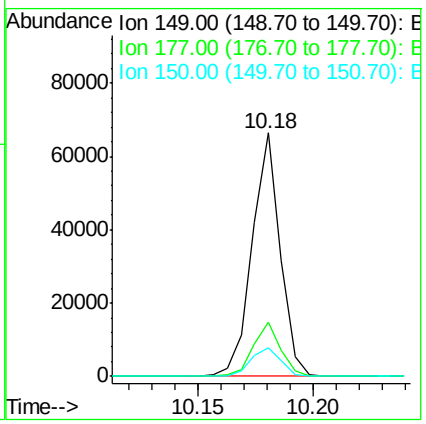


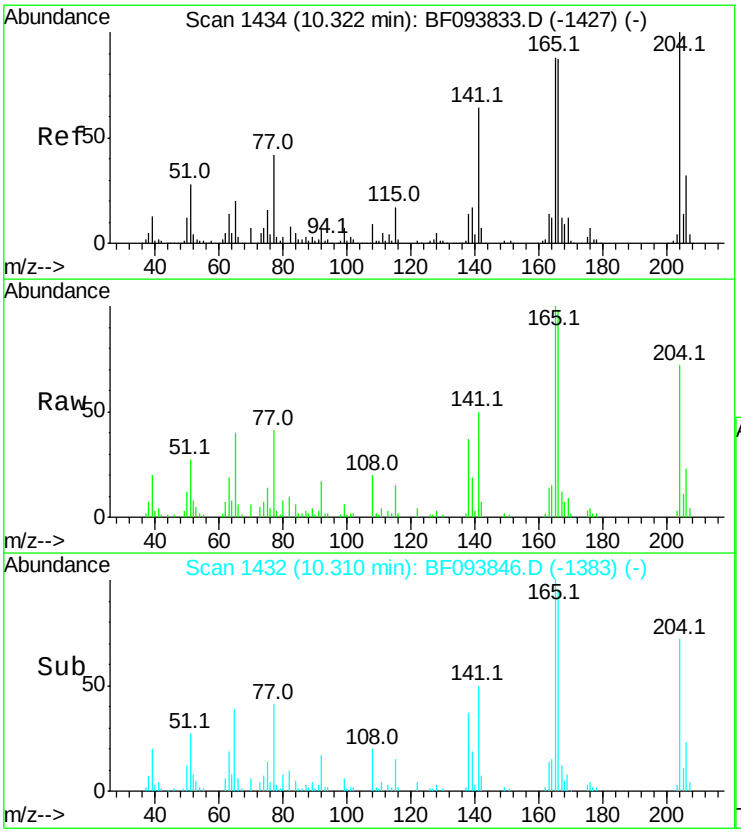

#59
Diethylphthalate
Concen: 2.41 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:149 Resp: 56468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 16.7 | 25.1 |
| 150 | 11.9 | 10.2 | 15.2 |

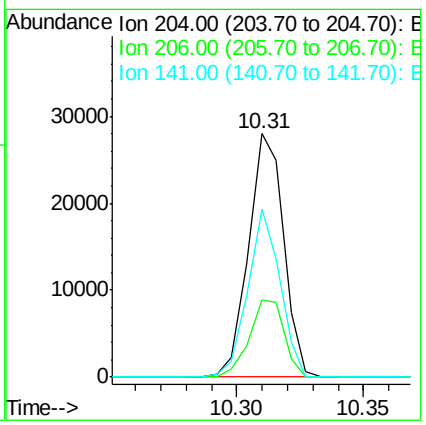


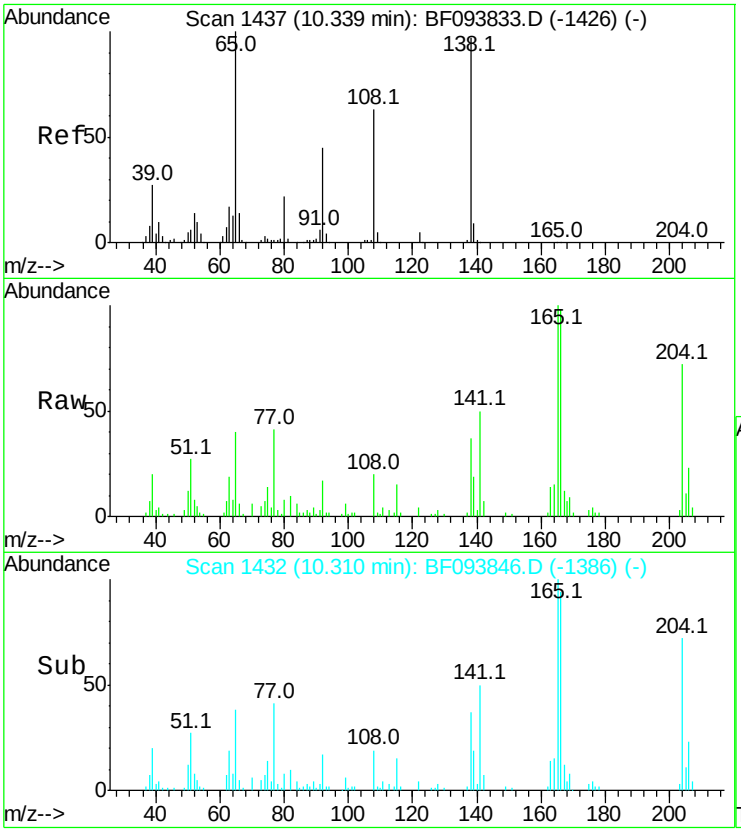




#60
4-Chlorophenyl-phenylether
Concen: 2.75 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:204 Resp: 27040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.6 | 26.2 | 39.2 |
| 141 | 69.1 | 60.8 | 91.2 |



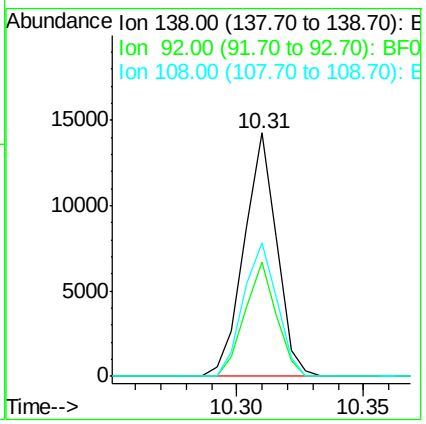


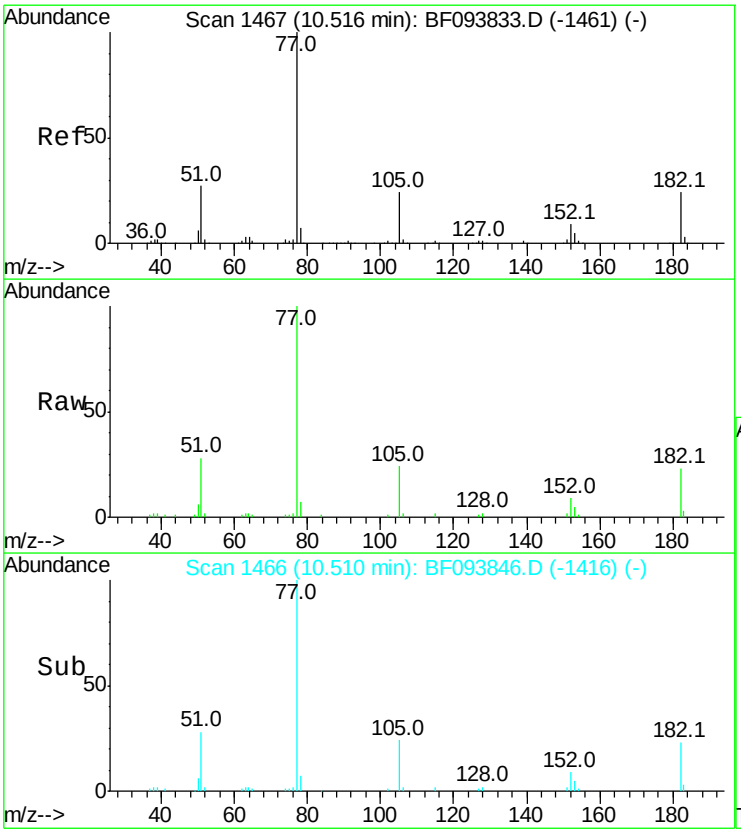

#61
4-Nitroaniline
Concen: 2.09 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:138 Resp: 12811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.0 | 21.8 | 61.8 |
| 108 | 54.9 | 42.3 | 82.3 |

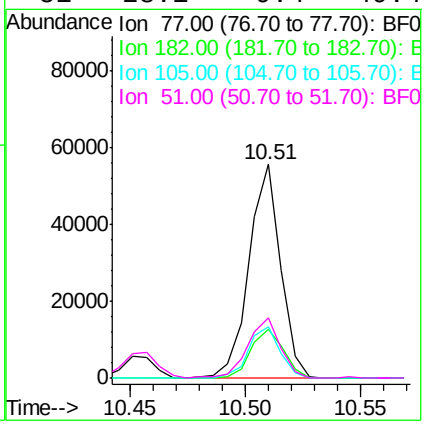


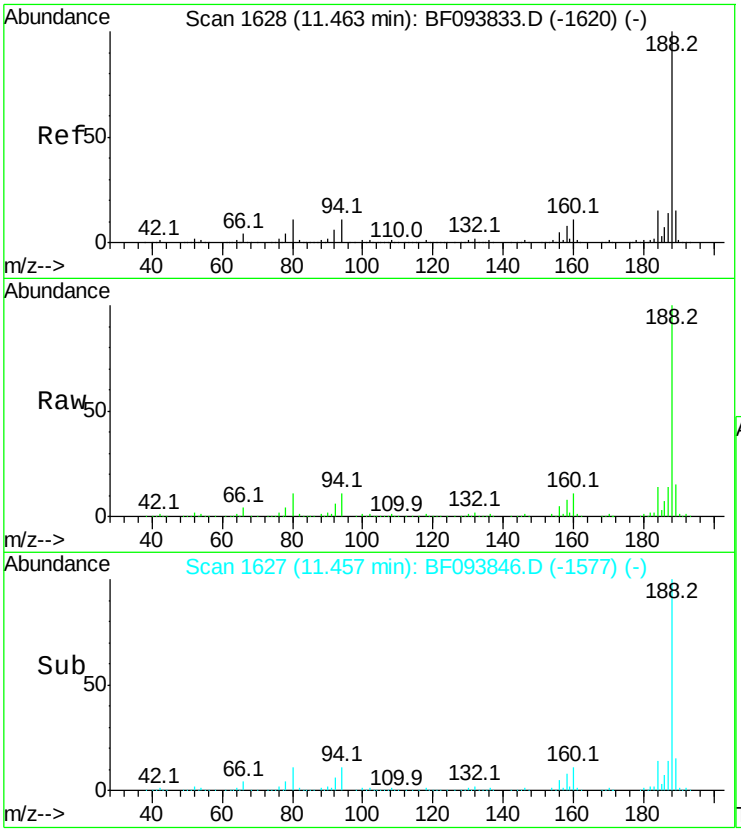




#62
Azobenzene
Concen: 2.41 ng
RT: 10.51 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion: 77 Resp: 53404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.6 | 0.1 | 40.1 |
| 105 | 24.2 | 3.6 | 43.6 |
| 51 | 28.1 | 9.4 | 49.4 |



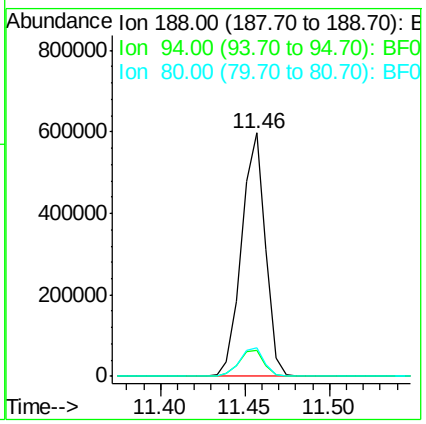


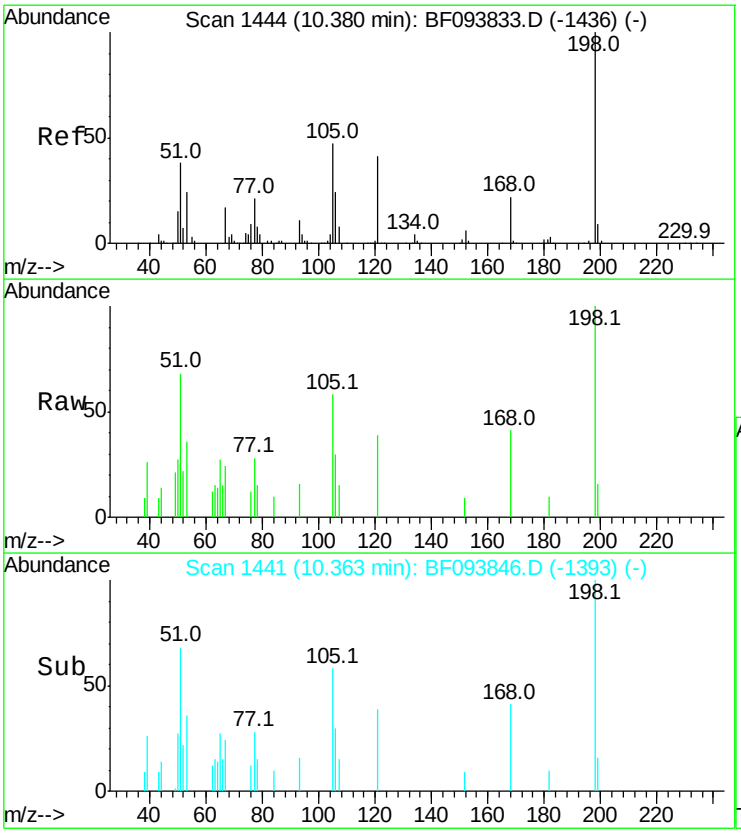

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:188 Resp: 588711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 9.4 | 14.2 |
| 80 | 11.5 | 10.2 | 15.2 |

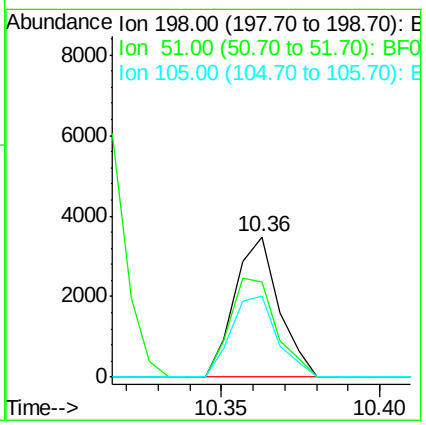


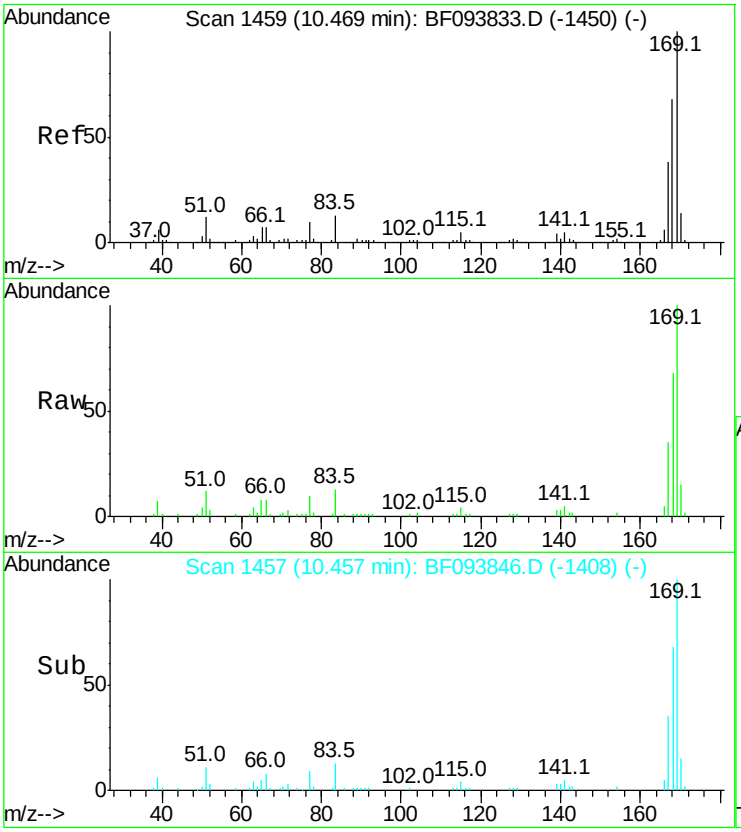




#64
4,6-Dinitro-2-methylphenol
Concen: 0.94 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:198 Resp: 3372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 67.8 | 53.2 | 93.2 |
| 105 | 58.0 | 45.8 | 85.8 |



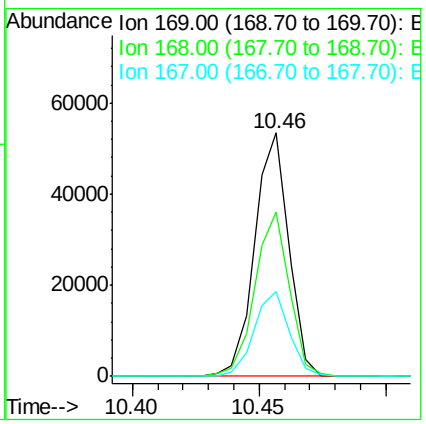


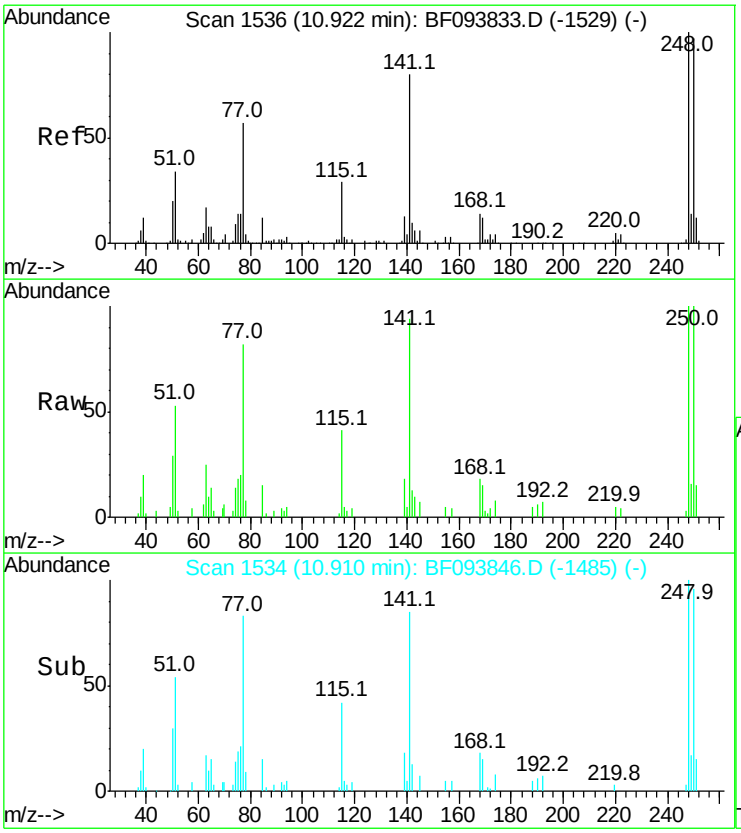

#65
n-Nitrosodiphenylamine
Concen: 2.46 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:169 Resp: 50086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.6 | 53.2 | 79.8 |
| 167 | 34.9 | 29.5 | 44.3 |

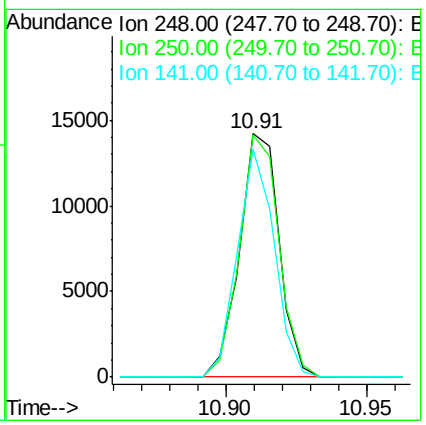


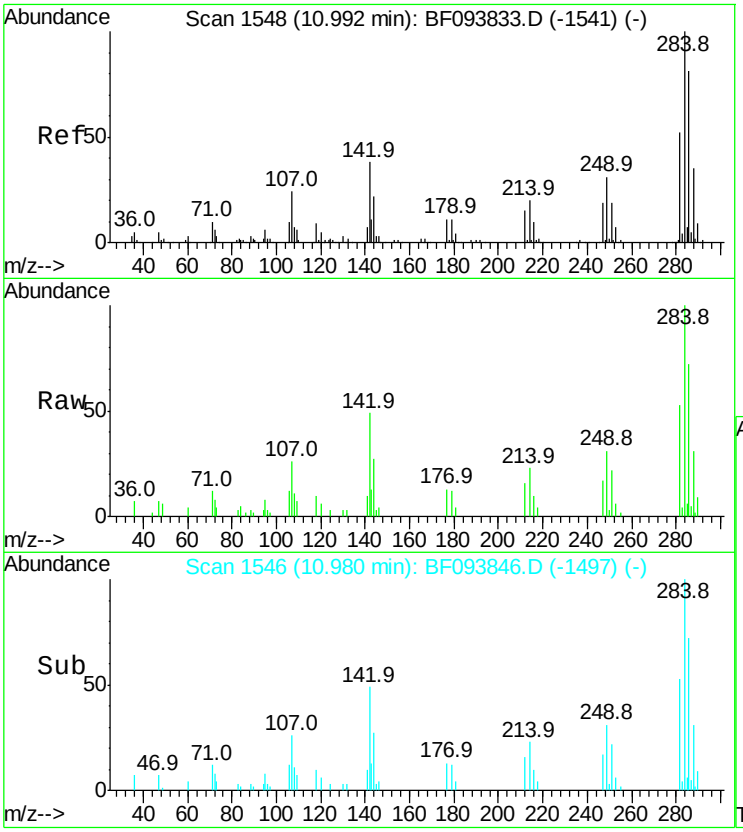




#66
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 10.91 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:248 Resp: 13835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.8 | 76.8 | 115.2 |
| 141 | 93.6 | 68.6 | 103.0 |



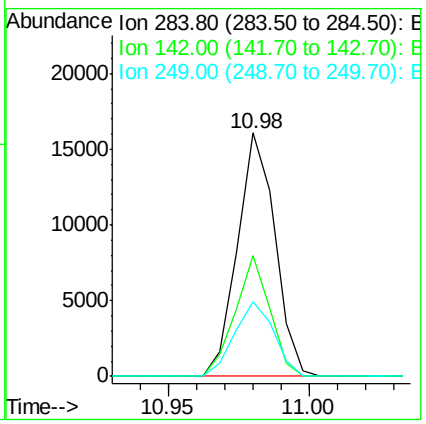


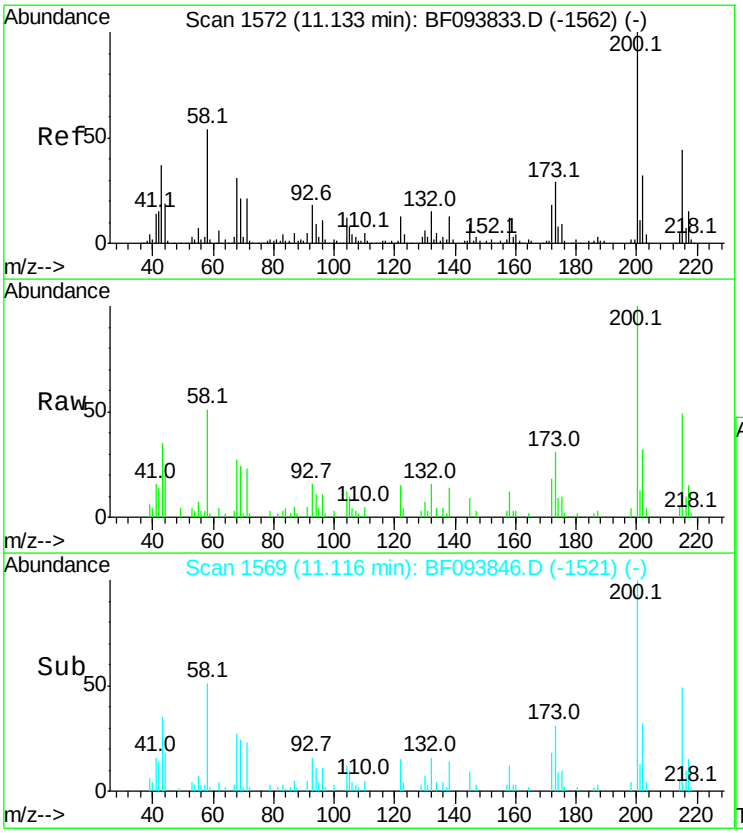

#67
Hexachlorobenzene
Concen: 2.53 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:284 Resp: 14827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 49.5 | 22.8 | 34.2# |
| 249 | 30.9 | 24.0 | 36.0 |

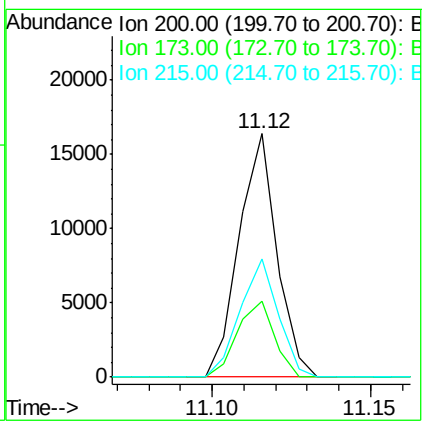


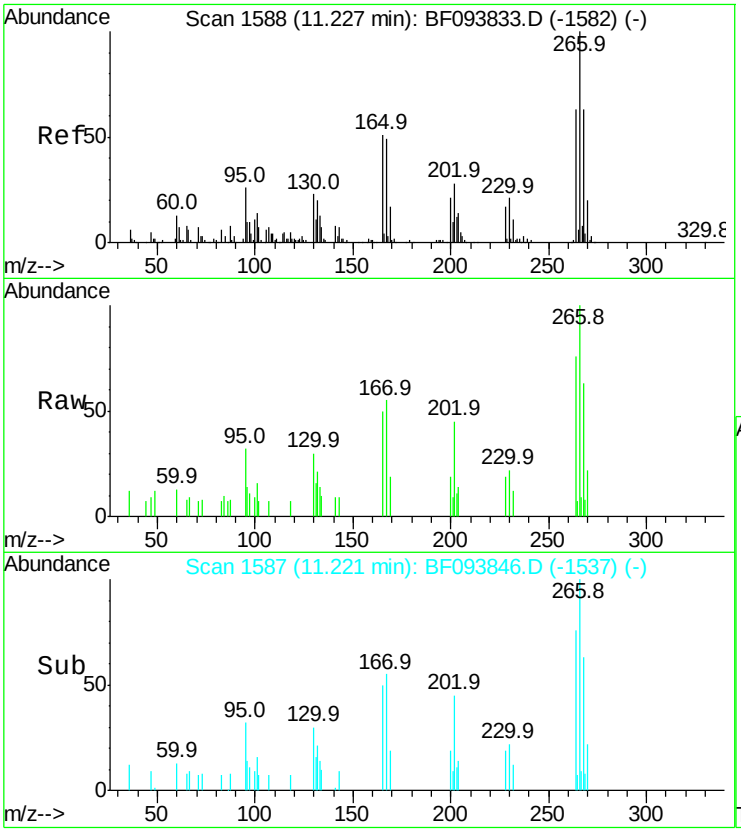




#68
Atrazine
Concen: 2.22 ng
RT: 11.12 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:200 Resp: 13560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 31.2 | 6.3 | 46.3 |
| 215 | 48.6 | 27.2 | 67.2 |



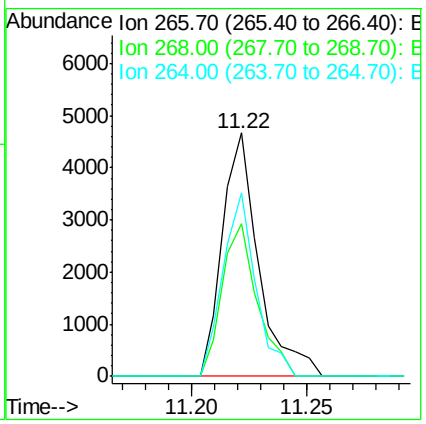


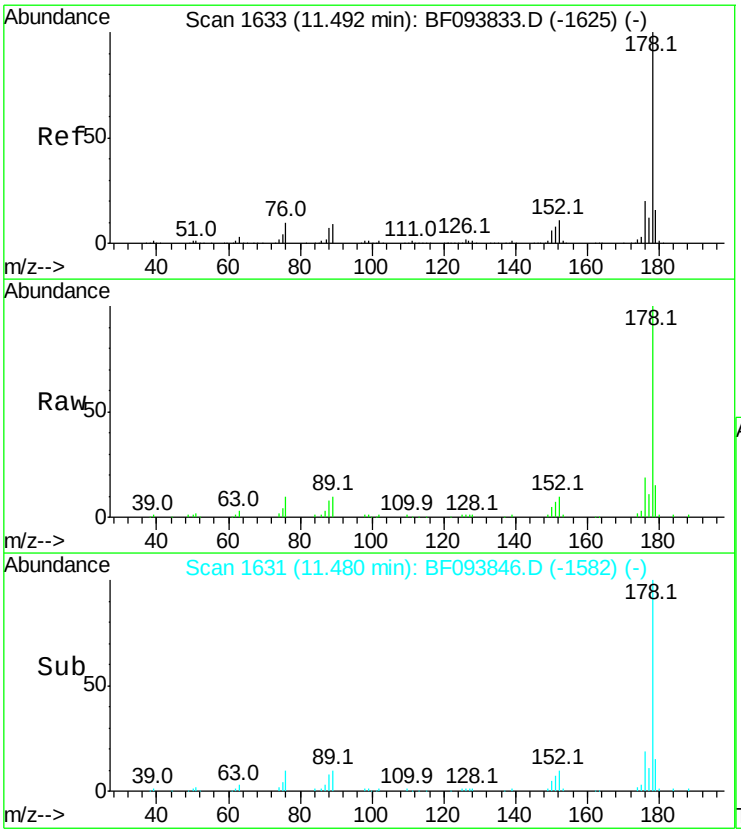

#69
Pentachlorophenol
Concen: 1.40 ng
RT: 11.22 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:266 Resp: 5114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.9 | 51.1 | 76.7 |
| 264 | 75.5 | 51.7 | 77.5 |

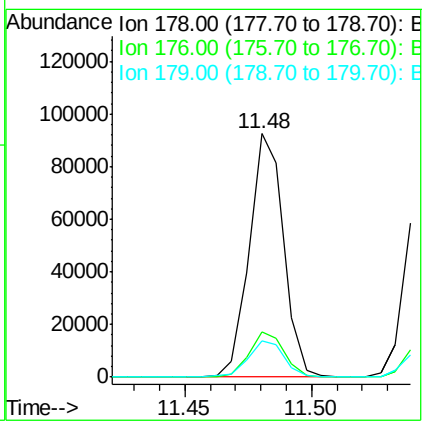


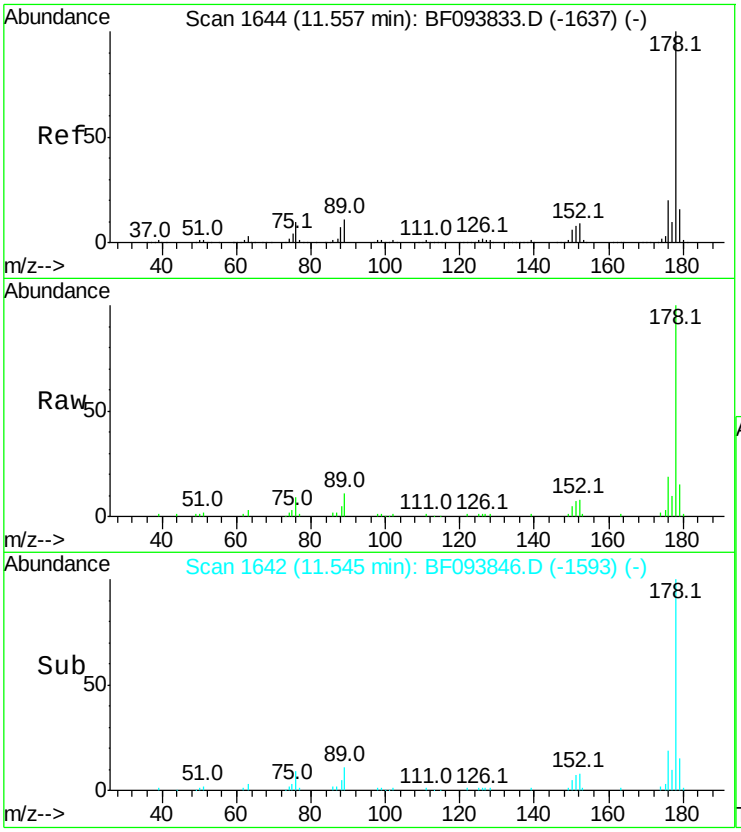




#70
Phenanthrene
Concen: 2.65 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:178 Resp: 86763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 16.2 | 24.4 |
| 179 | 15.1 | 12.6 | 19.0 |



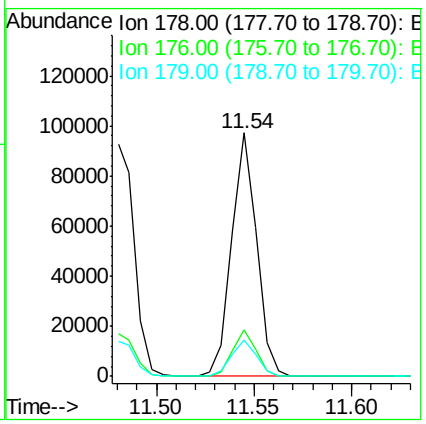


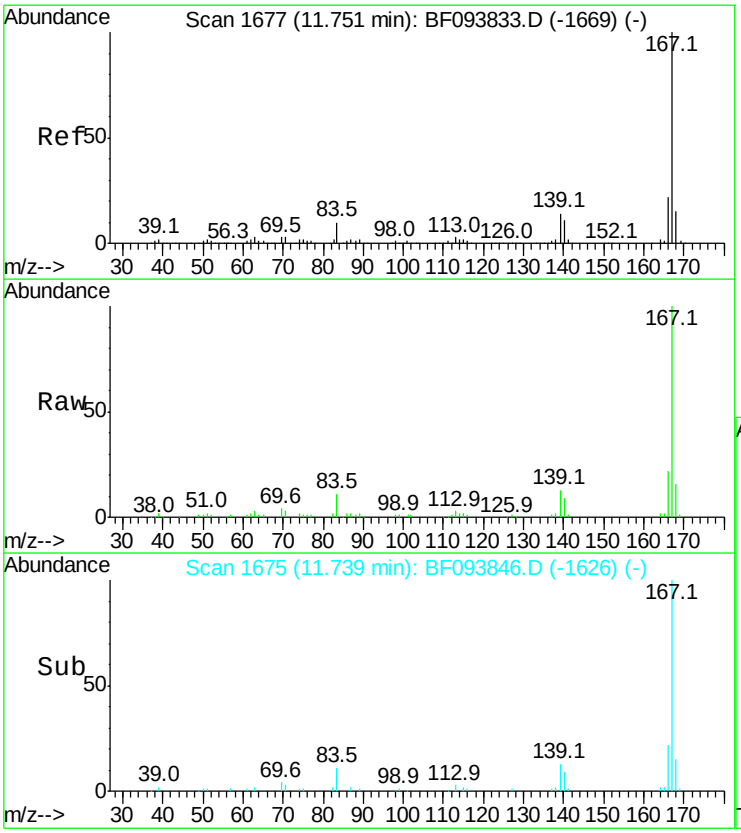

#71
Anthracene
Concen: 2.57 ng
RT: 11.54 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:178 Resp: 86678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.8 | 23.8 |
| 179 | 15.1 | 12.7 | 19.1 |

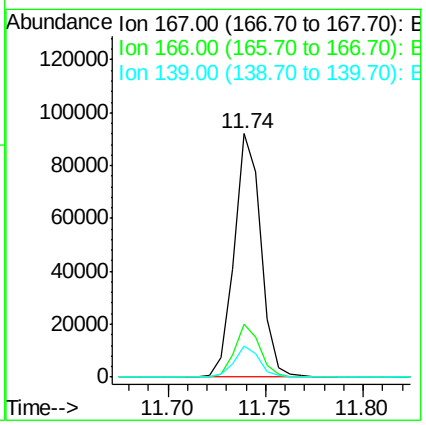


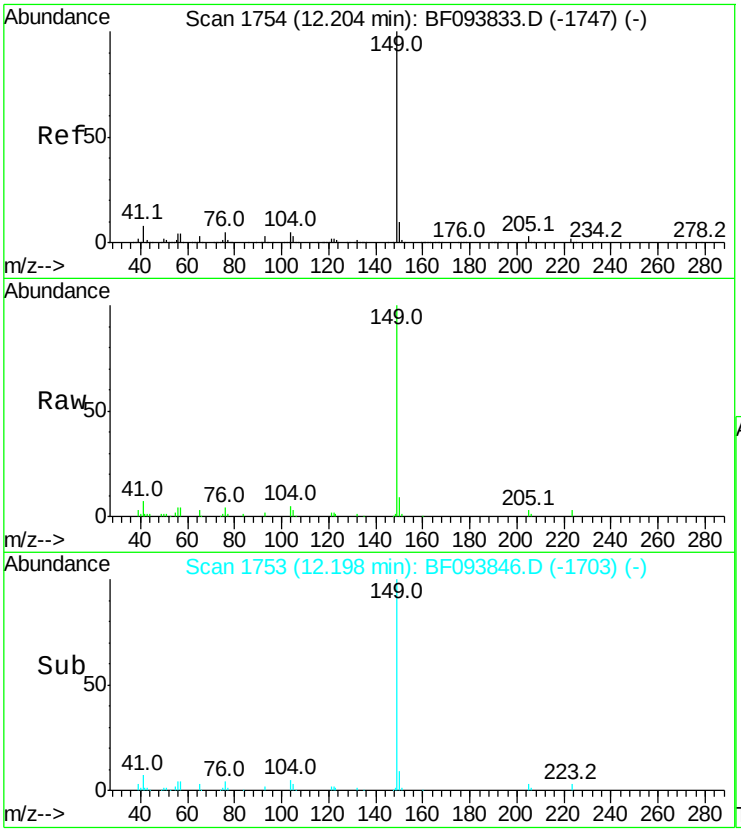




#72
Carbazole
Concen: 2.50 ng
RT: 11.74 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:167 Resp: 86610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 18.1 | 27.1 |
| 139 | 13.0 | 11.7 | 17.5 |



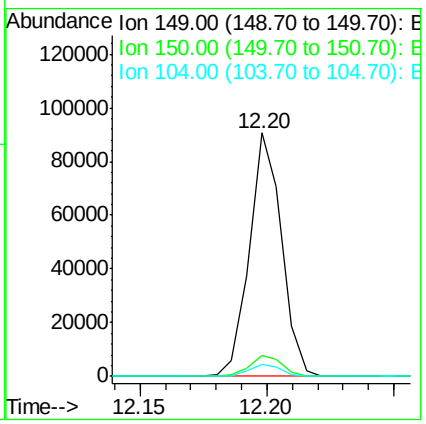


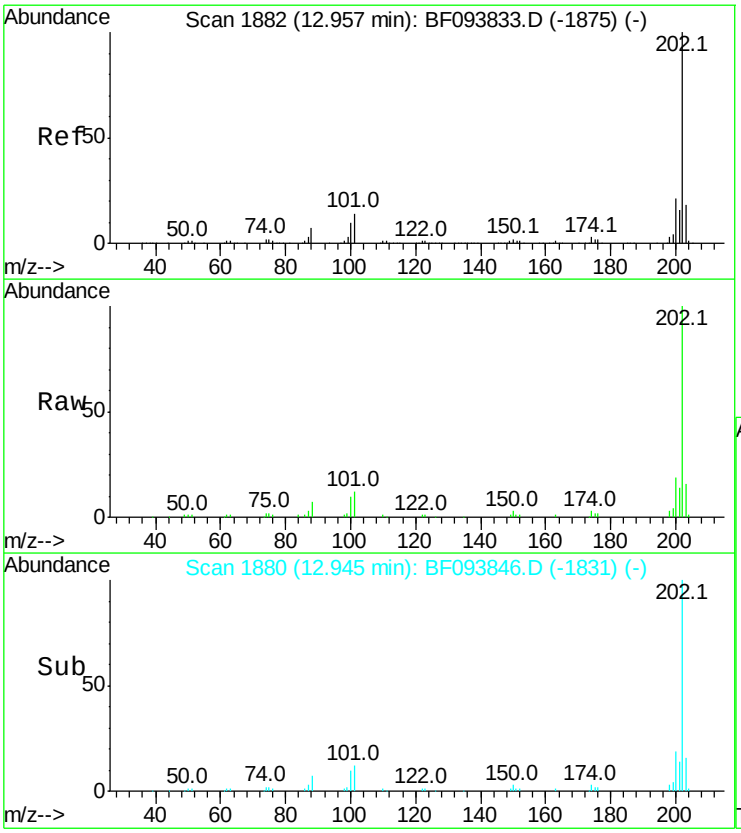

#73
Di-n-butylphthalate
Concen: 2.22 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:149 Resp: 79725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.7 | 11.5 |
| 104 | 5.0 | 4.0 | 6.0 |

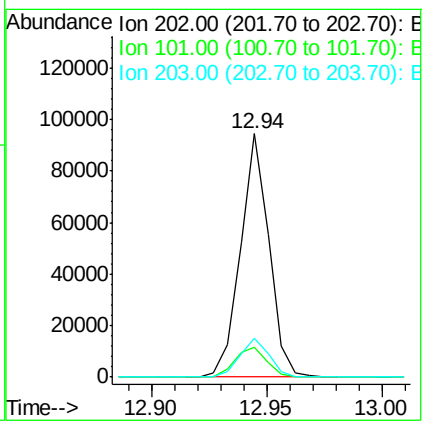


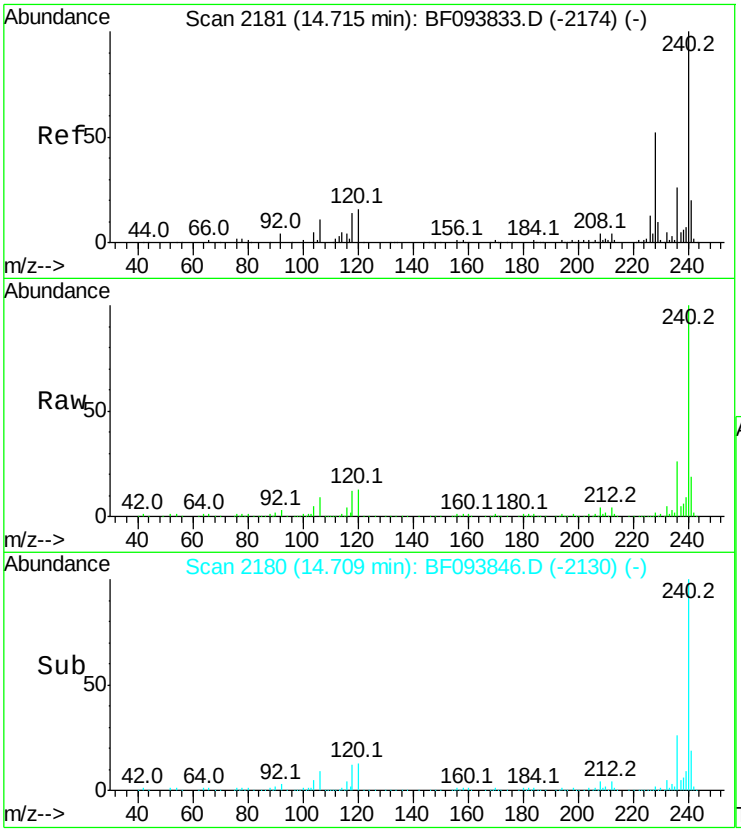




#74
Fluoranthene
Concen: 2.43 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:202 Resp: 81385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 33.2 |
| 203 | 15.9 | 0.0 | 38.1 |



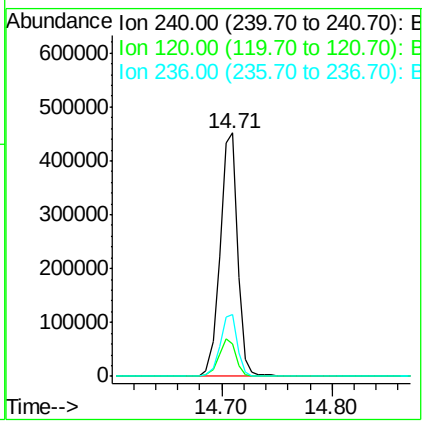


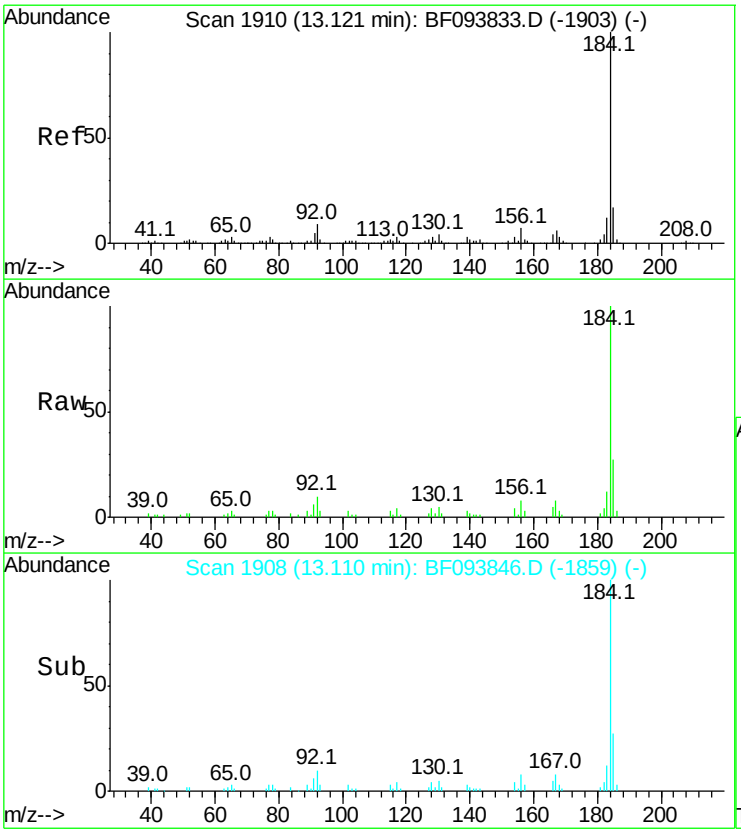

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:240 Resp: 501592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.4 | 5.8 | 8.8# |
| 236 | 25.5 | 20.5 | 30.7 |

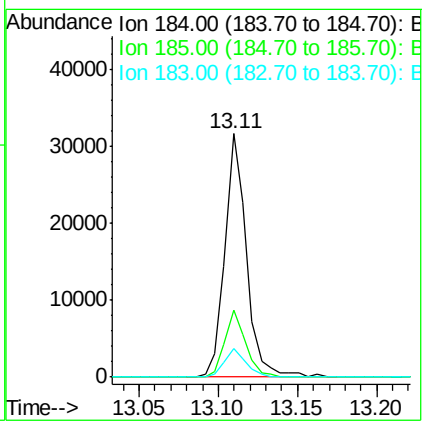


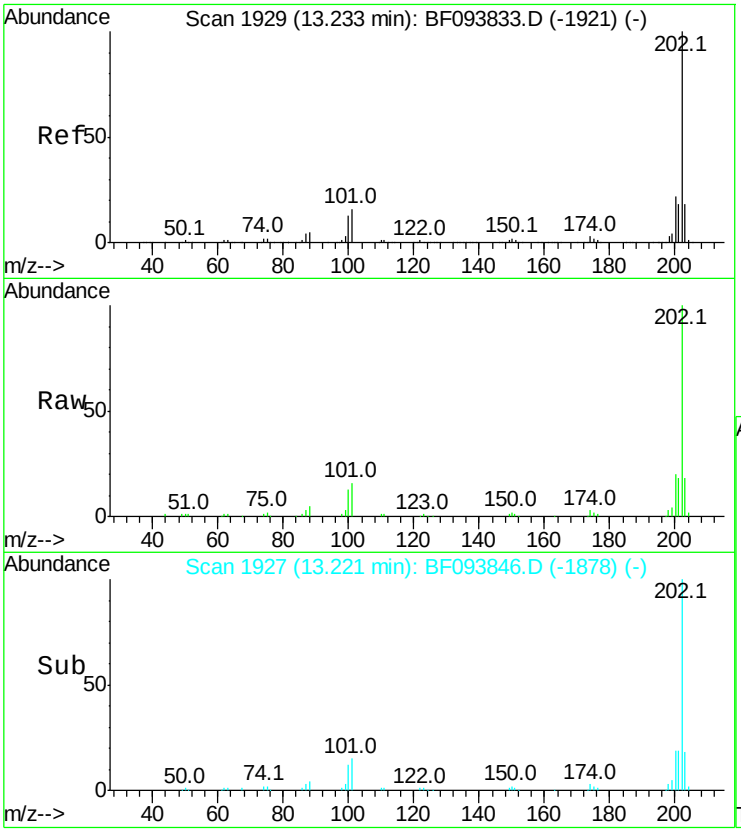




#76
Benzidine
Concen: 1.50 ng
RT: 13.11 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:184 Resp: 29823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 27.4 | 15.5 | 23.3# |
| 183 | 11.6 | 9.8 | 14.6 |



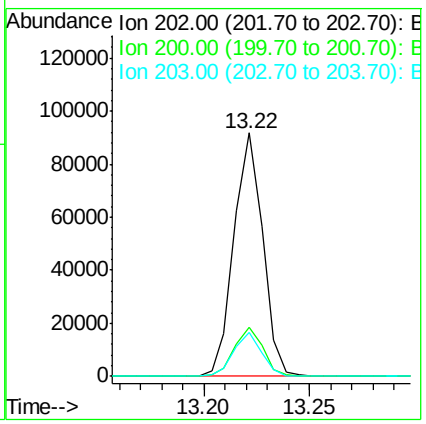


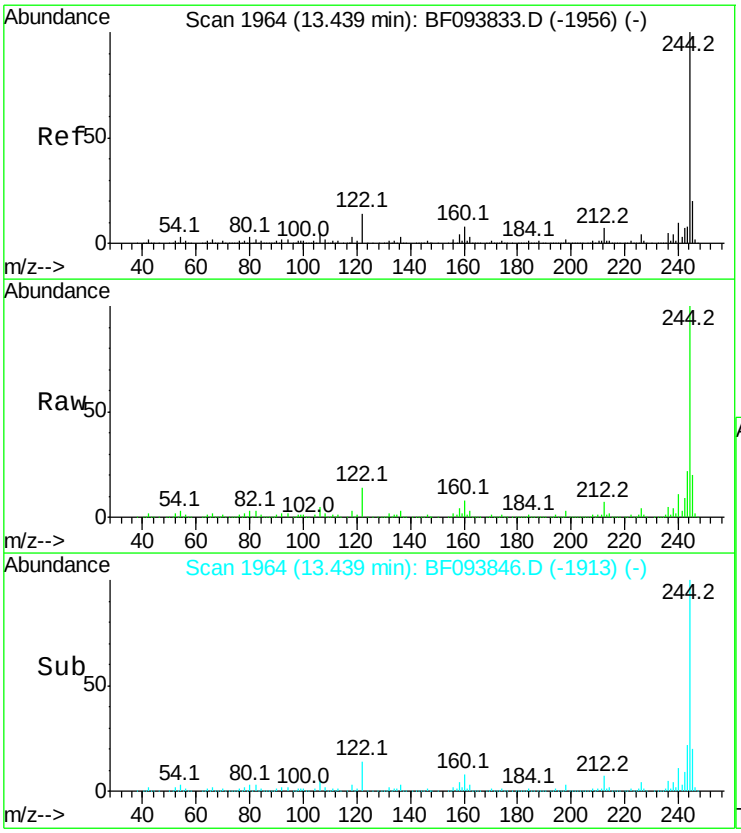

#77
Pyrene
Concen: 2.38 ng
RT: 13.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:202 Resp: 86590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 17.6 | 26.4 |
| 203 | 18.0 | 14.4 | 21.6 |

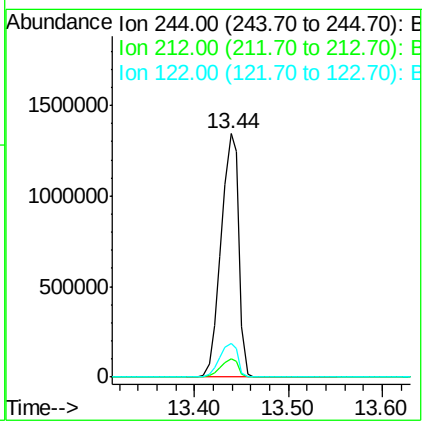


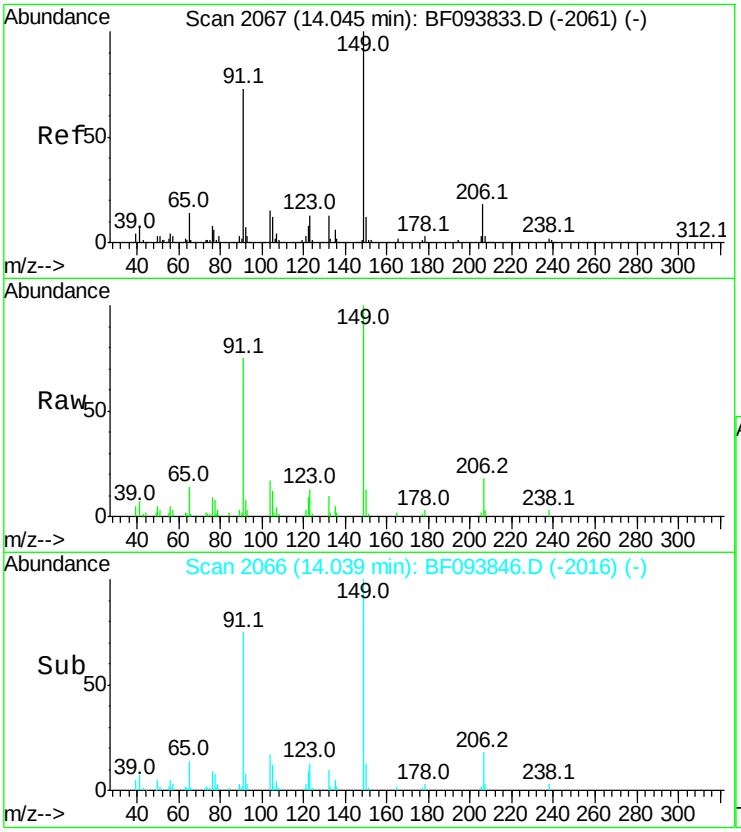




#78
Terphenyl-d14
Concen: 78.86 ng
RT: 13.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:244 Resp: 1764745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 13.6 | 10.3 | 15.5 |



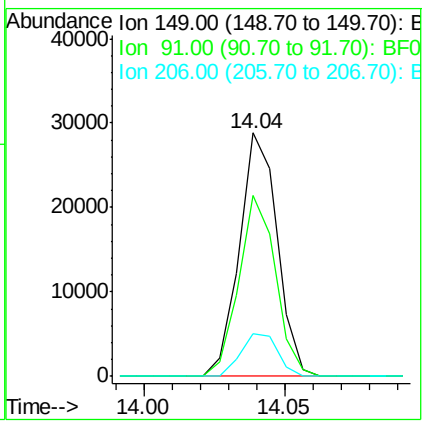


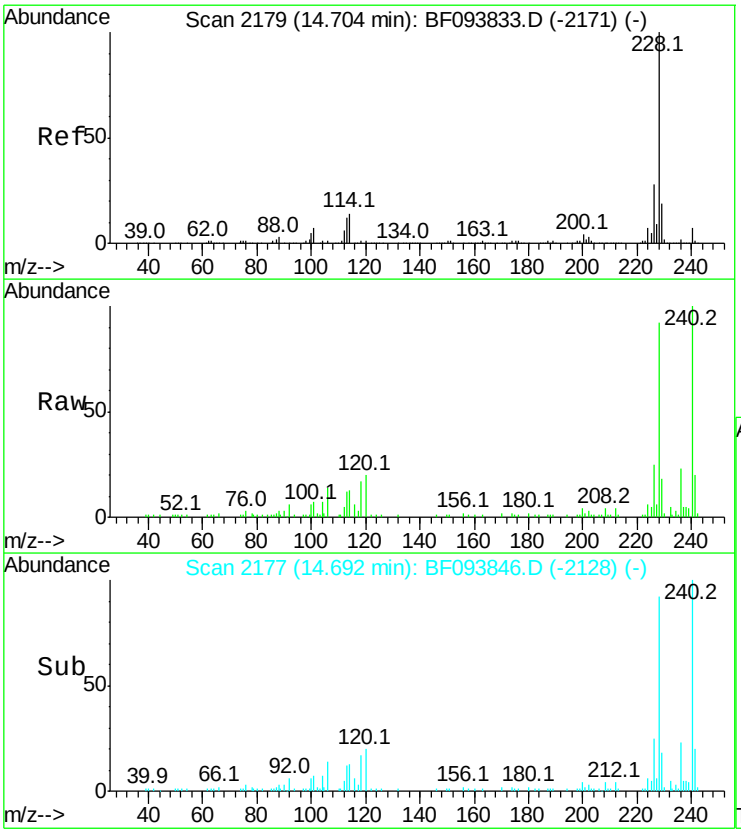

#79
Butylbenzylphthalate
Concen: 1.73 ng
RT: 14.04 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:149 Resp: 26852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.5 | 45.0 | 67.4# |
| 206 | 17.6 | 17.0 | 25.6 |

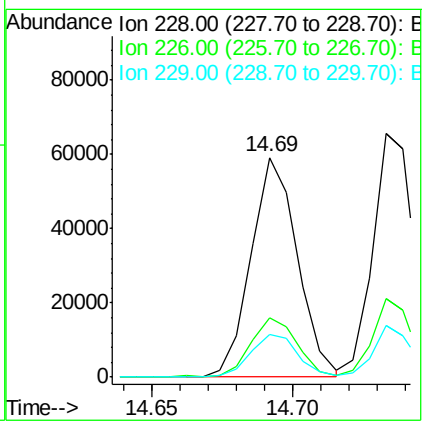


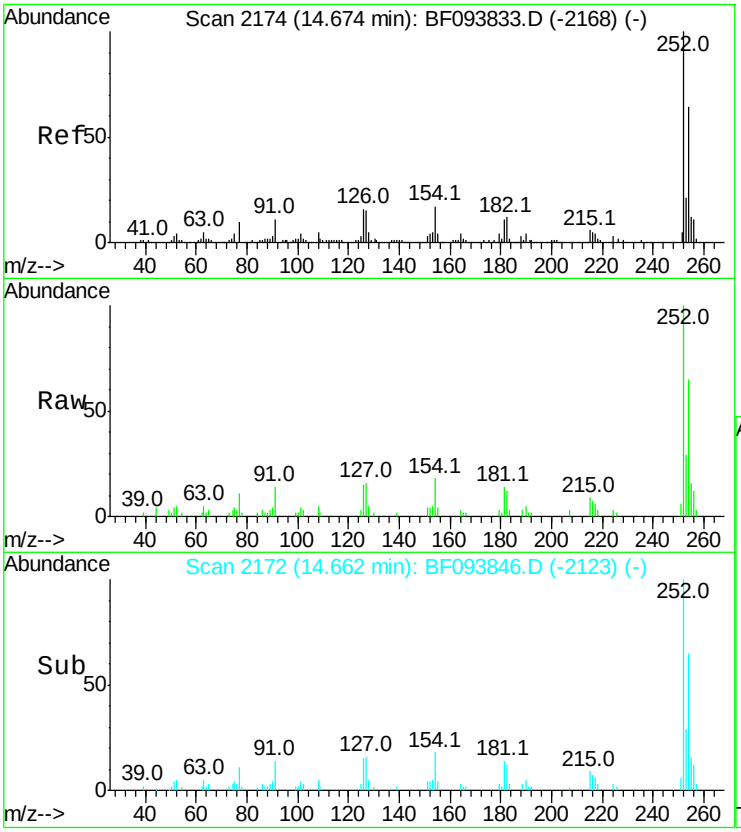




#80
Benzo(a)anthracene
Concen: 2.30 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:228 Resp: 67303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.6 | 33.8 |
| 229 | 19.2 | 16.3 | 24.5 |



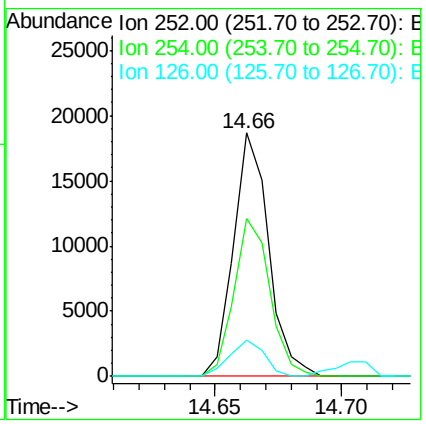


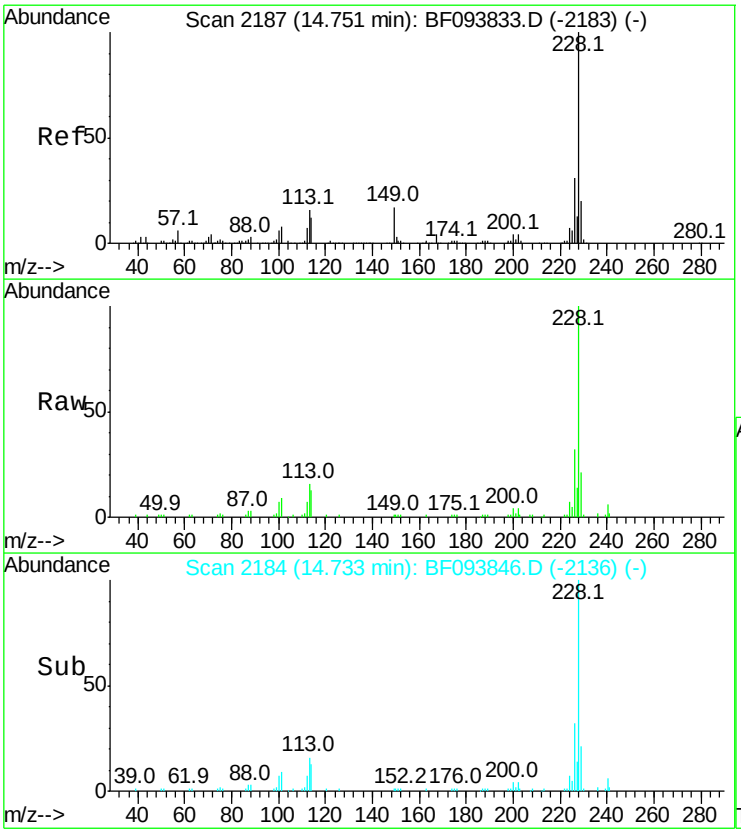

#81
3,3'-Dichlorobenzidine
Concen: 1.72 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:252 Resp: 17943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.0 | 51.5 | 77.3 |
| 126 | 15.0 | 15.8 | 23.8# |

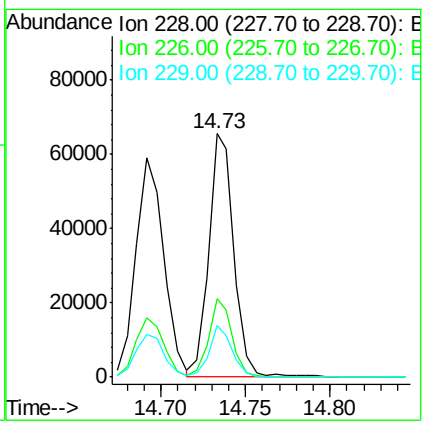


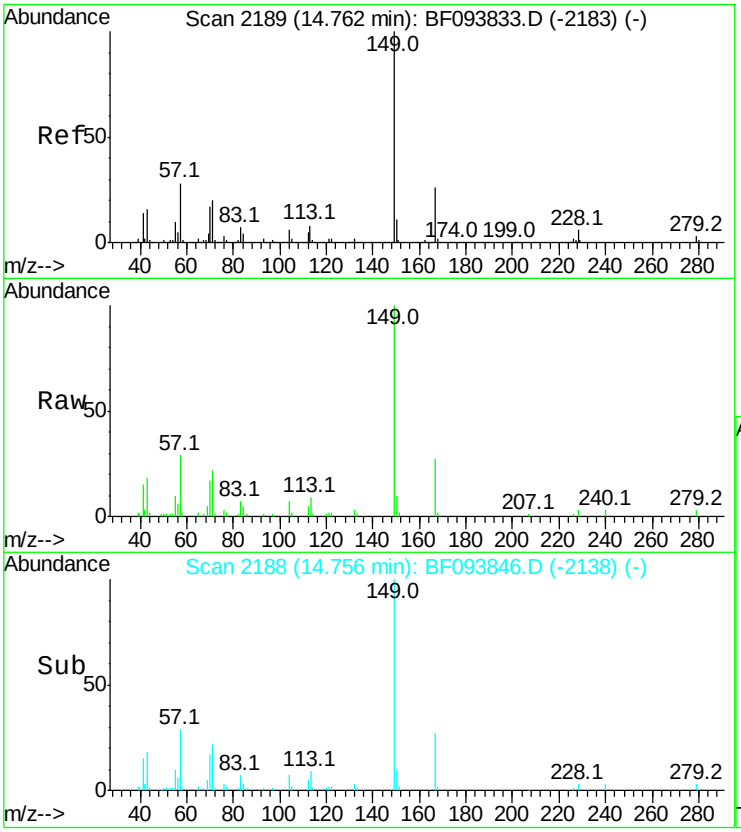




#82
Chrysene
Concen: 2.50 ng
RT: 14.73 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:228 Resp: 67926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.1 | 24.9 | 37.3 |
| 229 | 21.0 | 15.8 | 23.6 |



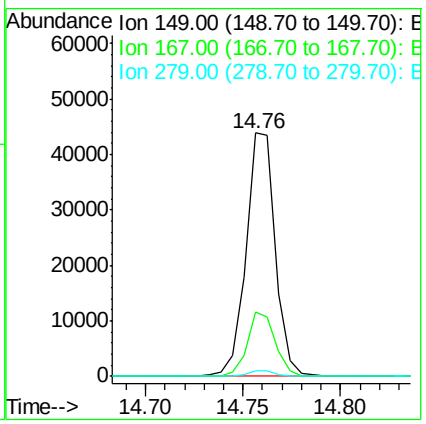


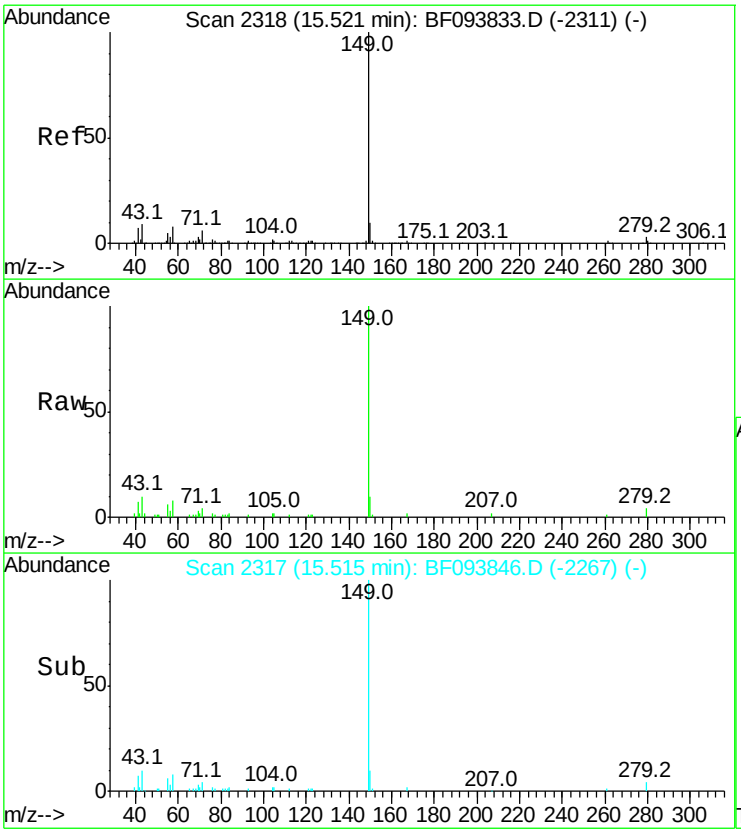

#83
Bis(2-ethylhexyl)phthalate
Concen: 2.14 ng
RT: 14.76 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:149 Resp: 45375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 21.0 | 31.4 |
| 279 | 2.5 | 1.9 | 2.9 |

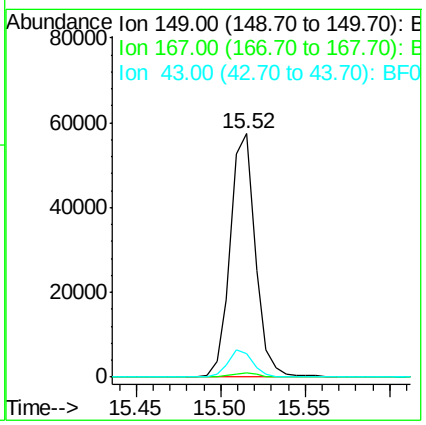


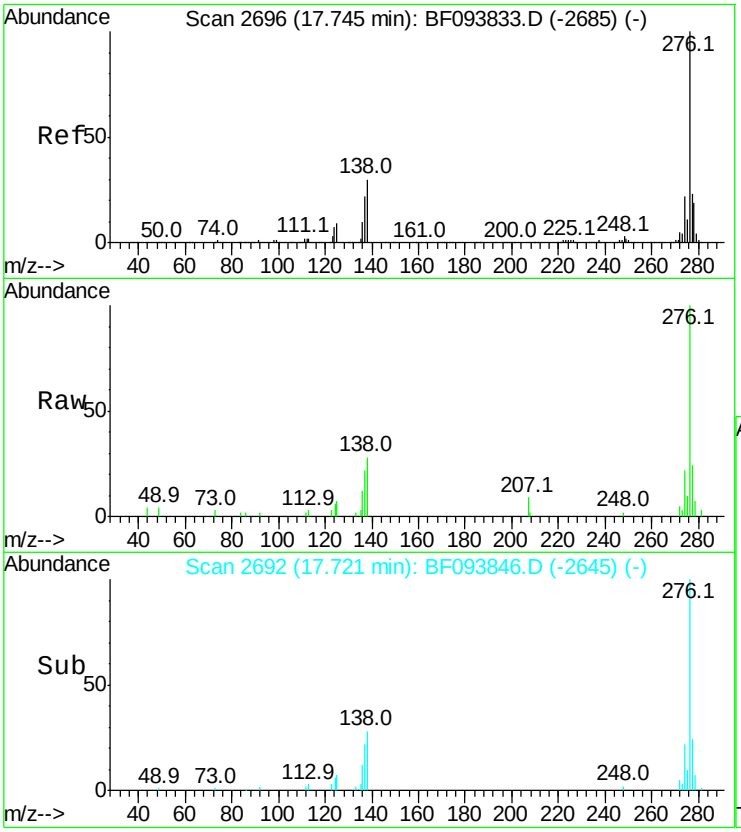




#84
Di-n-octyl phthalate
Concen: 1.68 ng
RT: 15.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:149 Resp: 59244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 10.7 | 8.5 | 12.7 |



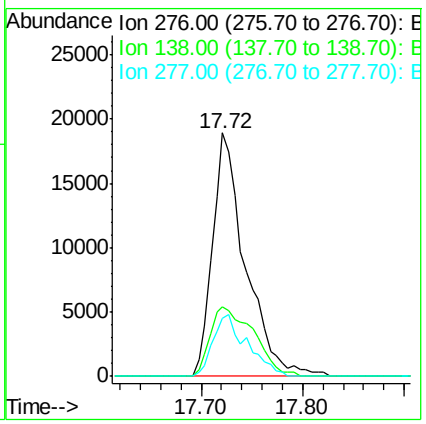


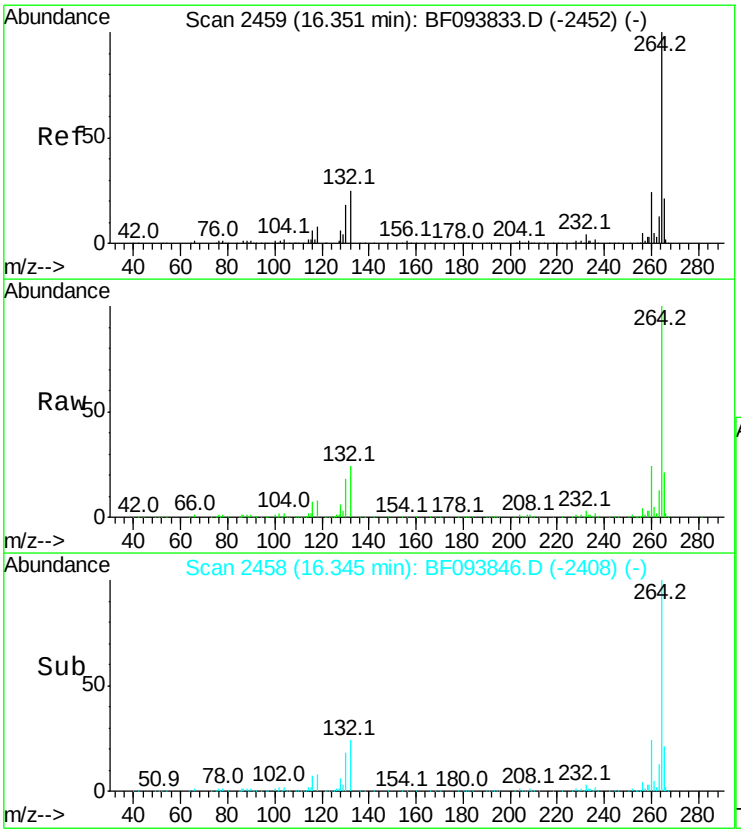

#85
Indeno(1,2,3-cd)pyrene
Concen: 1.82 ng
RT: 17.72 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:276 Resp: 42769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 37.5 | 27.8 | 41.6 |
| 277 | 26.0 | 20.2 | 30.4 |

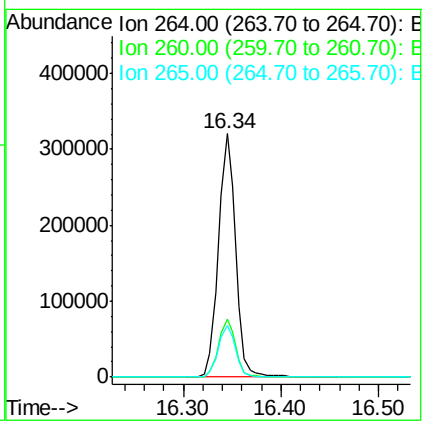


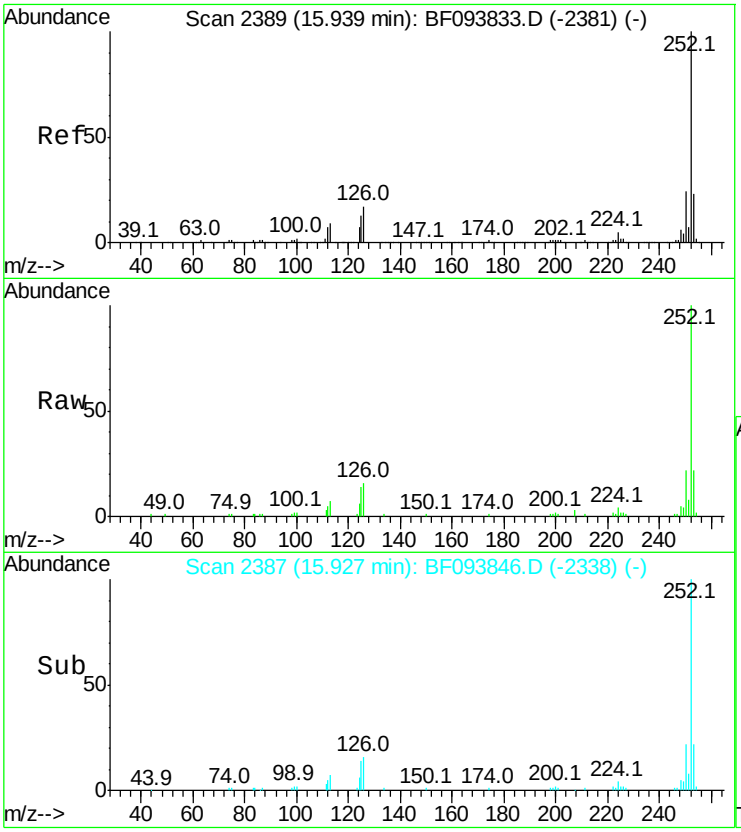




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:264 Resp: 392548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.5 | 29.3 |
| 265 | 21.1 | 17.2 | 25.8 |



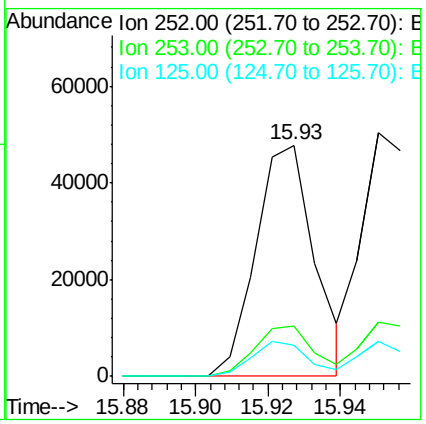


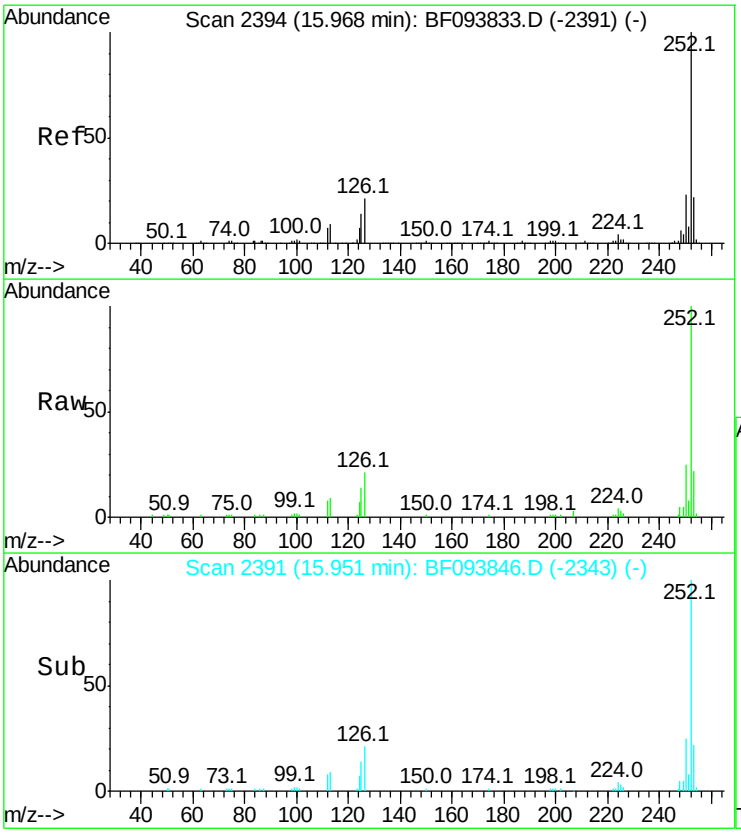

#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:252 Resp: 53664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.1 | 27.1 |
| 125 | 13.7 | 9.8 | 14.8 |

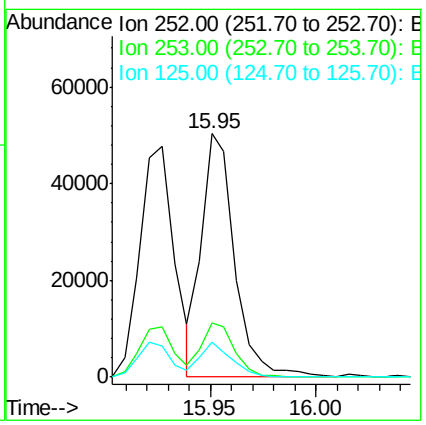


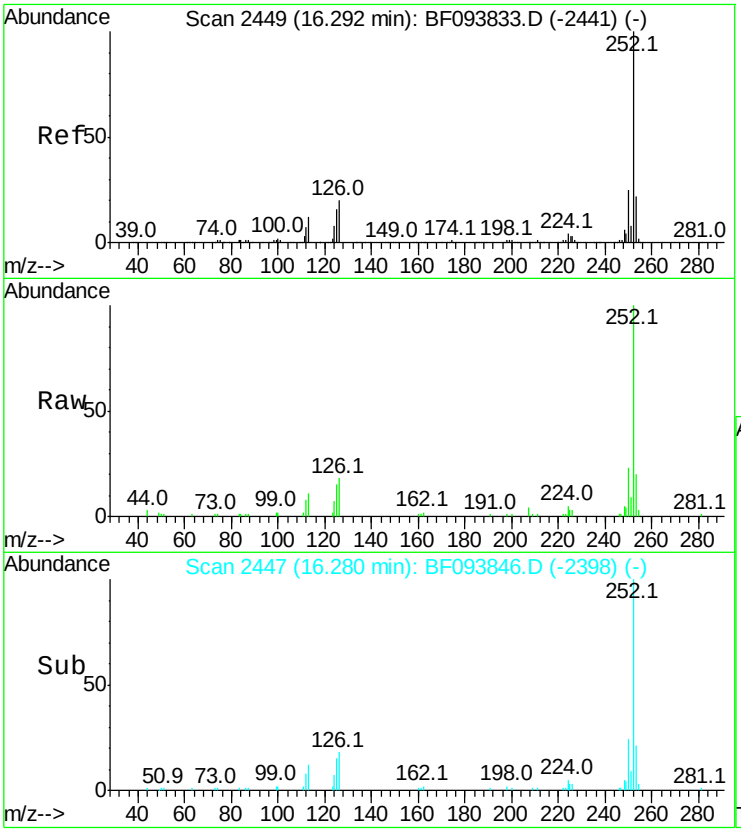




#88
Benzo(k)fluoranthene
Concen: 2.32 ng
RT: 15.95 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:252 Resp: 54923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.4 | 27.6 |
| 125 | 14.5 | 13.1 | 19.7 |



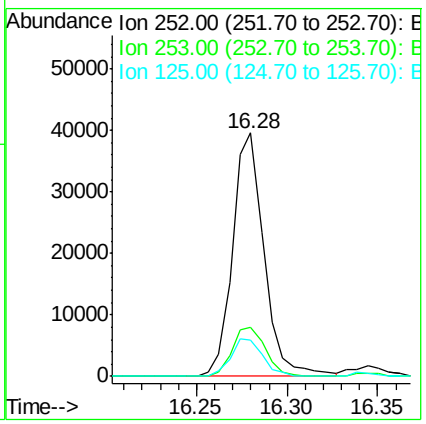


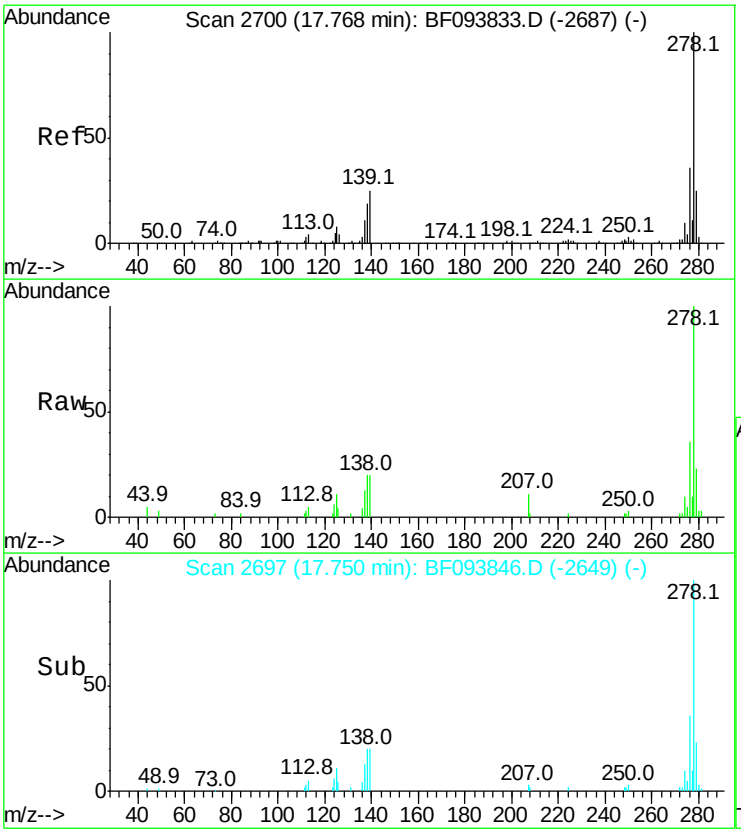

#89
Benzo(a)pyrene
Concen: 2.16 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:252 Resp: 47806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.4 | 17.5 | 26.3 |
| 125 | 14.7 | 11.0 | 16.4 |

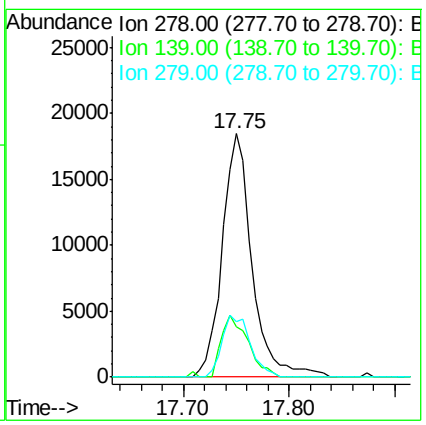


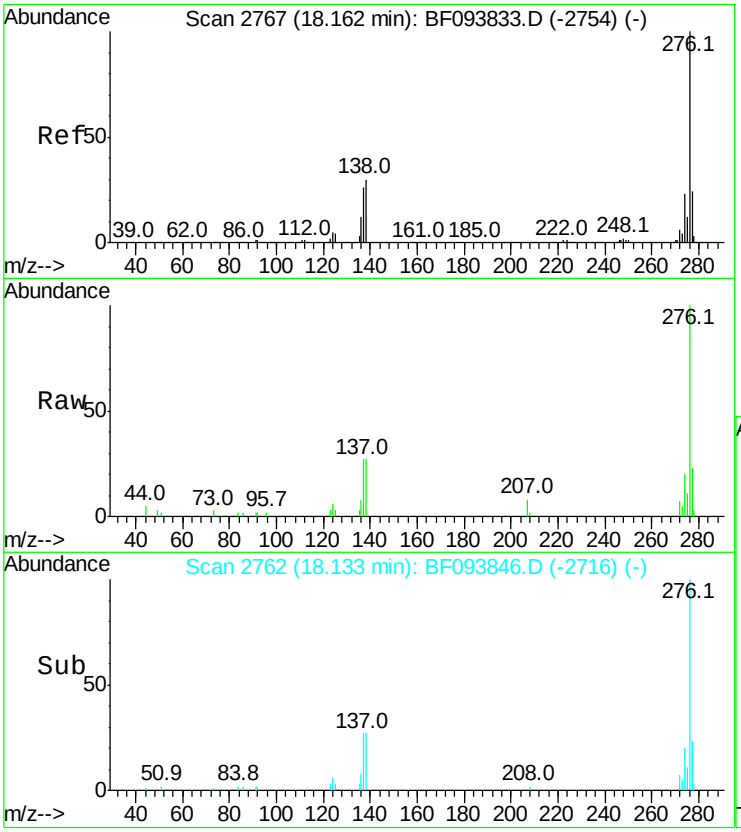




#90
Dibenzo(a,h)anthracene
Concen: 1.91 ng
RT: 17.75 min Scan# 2697
Delta R.T. -0.02 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

Tgt Ion:278 Resp: 35901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.5 | 16.6 | 24.8 |
| 279 | 22.9 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 1.95 ng
RT: 18.13 min Scan# 2762
Delta R.T. -0.03 min
Lab File: BF093846.D
Acq: 22 Mar 2017 21:40

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-WATER-05-QT2-2017

Tgt Ion:276 Resp: 36799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.5 | 18.6 | 28.0 |
| 138 | 26.7 | 25.4 | 38.0 |