Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073019\
Data File : BF115851.D
Acq On : 30 Jul 2019 19:28
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOQ-WATER-02-QT3-2019

Quant Time: Jul 31 04:40:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 135413 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 545003 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.89 | 164 | 289862 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.38 | 188 | 504470 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.02 | 240 | 398098 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.49 | 264 | 388546 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 957701 | 118.40 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 1195415 | 117.13 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 763431 | 80.86 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 332623 | 118.36 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 1289628 | 83.34 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.96 | 244 | 1418797 | 75.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.60 | 88 | 42473 | 10.394 | ng | | 99 |
| 3) Pyridine | 3.41 | 79 | 88842 | 7.783 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.30 | 42 | 42492 | 9.433 | ng | | 95 |
| 6) Aniline | 6.52 | 93 | 149668 | 10.240 | ng | | 99 |
| 8) 2-Chlorophenol | 6.64 | 128 | 93814 | 10.488 | ng | | 97 |
| 9) Benzaldehyde | 6.40 | 77 | 80587 | 11.444 | ng | | 99 |
| 10) Phenol | 6.49 | 94 | 126909 | 10.560 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 88639 | 10.032 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 104498 | 10.109 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 107000 | 10.338 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 98601 | 10.346 | ng | | 99 |
| 15) Benzyl Alcohol | 6.99 | 79 | 85445 | 11.032 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 119195 | 9.890 | ng | | 99 |
| 17) 2-Methylphenol | 7.10 | 107 | 78460 | 10.359 | ng | | 97 |
| 18) Hexachloroethane | 7.36 | 117 | 37076 | 9.729 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 66630 | 10.536 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 102586 | 11.446 | ng | # | 55 |
| 22) Acetophenone | 7.26 | 105 | 134528 | 11.255 | ng | | 97 |
| 24) Nitrobenzene | 7.43 | 77 | 107837 | 10.578 | ng | | 98 |
| 25) Isophorone | 7.66 | 82 | 182913 | 10.131 | ng | | 96 |
| 26) 2-Nitrophenol | 7.75 | 139 | 46326 | 9.640 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.78 | 122 | 78877 | 10.910 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93 | 111787 | 9.990 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 78014 | 10.219 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 86554 | 9.946 | ng | | 98 |
| 31) Naphthalene | 8.15 | 128 | 284076 | 11.077 | ng | | 98 |
| 32) Benzoic acid | 7.87 | 122 | 16054 | 3.149 | ng | | 98 |
| 33) 4-Chloroaniline | 8.20 | 127 | 115729 | 10.099 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 49101 | 9.796 | ng | | 98 |
| 35) Caprolactam | 8.55 | 113 | 24276 | 9.832 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 82564 | 10.396 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 186701 | 11.054 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 176278 | 11.032 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 82830 | 10.689 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073019\
Data File : BF115851.D
Acq On : 30 Jul 2019 19:28
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LOQ-WATER-02-QT3-2019

Quant Time: Jul 31 04:40:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.00 | 237 | 18592 | 6.138 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.13 | 196 | 49530 | 9.286 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 9.17 | 196 | 54936 | 9.964 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.31 | 154 | 230947 | 11.285 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.34 | 162 | 175029 | 10.276 | ng | | 99 |
| 48) 2-Nitroaniline | 9.43 | 65 | 52218 | 9.275 | ng | | 84 |
| 49) Acenaphthylene | 9.75 | 152 | 276697 | 11.135 | ng | | 98 |
| 50) Dimethylphthalate | 9.60 | 163 | 192607 | 9.759 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.67 | 165 | 41330 | 9.636 | ng | # | 86 |
| 52) Acenaphthene | 9.92 | 154 | 164824 | 10.812 | ng | | 100 |
| 53) 3-Nitroaniline | 9.84 | 138 | 48645 | 9.179 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.96 | 184 | 8924 | 4.900 | ng | | 92 |
| 55) Dibenzofuran | 10.10 | 168 | 248332 | 11.202 | ng | | 100 |
| 56) 4-Nitrophenol | 10.00 | 139 | 26523 | 7.812 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 54566 | 9.555 | ng | | 90 |
| 58) Fluorene | 10.44 | 166 | 194418 | 11.399 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 44157 | 9.519 | ng | | 99 |
| 60) Diethylphthalate | 10.31 | 149 | 184134 | 9.993 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204 | 91553 | 10.599 | ng | | 95 |
| 62) 4-Nitroaniline | 10.45 | 138 | 50805 | 9.276 | ng | | 99 |
| 63) Azobenzene | 10.59 | 77 | 200775 | 10.593 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 19626 | 7.341 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.55 | 169 | 165183 | 10.879 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.92 | 248 | 54151 | 10.027 | ng | | 96 |
| 68) Hexachlorobenzene | 10.99 | 284 | 61132 | 9.790 | ng | | 99 |
| 69) Atrazine | 11.07 | 200 | 48697 | 9.749 | ng | | 98 |
| 70) Pentachlorophenol | 11.19 | 266 | 21056 | 6.945 | ng | | 94 |
| 71) Phenanthrene | 11.40 | 178 | 288093 | 11.171 | ng | | 98 |
| 72) Anthracene | 11.45 | 178 | 290921 | 11.146 | ng | | 99 |
| 73) Carbazole | 11.61 | 167 | 259678 | 10.966 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.94 | 149 | 274030 | 9.920 | ng | | 98 |
| 75) Fluoranthene | 12.59 | 202 | 293753 | 10.880 | ng | | 99 |
| 77) Benzidine | 12.71 | 184 | 142525 | 10.597 | ng | | 99 |
| 78) Pyrene | 12.82 | 202 | 306136 | 10.201 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.43 | 149 | 106870 | 8.419 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.01 | 228 | 254670 | 10.009 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.97 | 252 | 92160 | 10.425 | ng | | 98 |
| 83) Chrysene | 14.04 | 228 | 251001 | 10.161 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 145597 | 8.826 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.60 | 149 | 225857 | 8.620 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.95 | 276 | 190142 | 9.164 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.06 | 252 | 214771 | 9.560 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.09 | 252 | 226985 | 10.373 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.42 | 252 | 198137 | 9.866 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.97 | 278 | 157644 | 9.068 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.40 | 276 | 155691 | 9.119 | ng | | 97 |

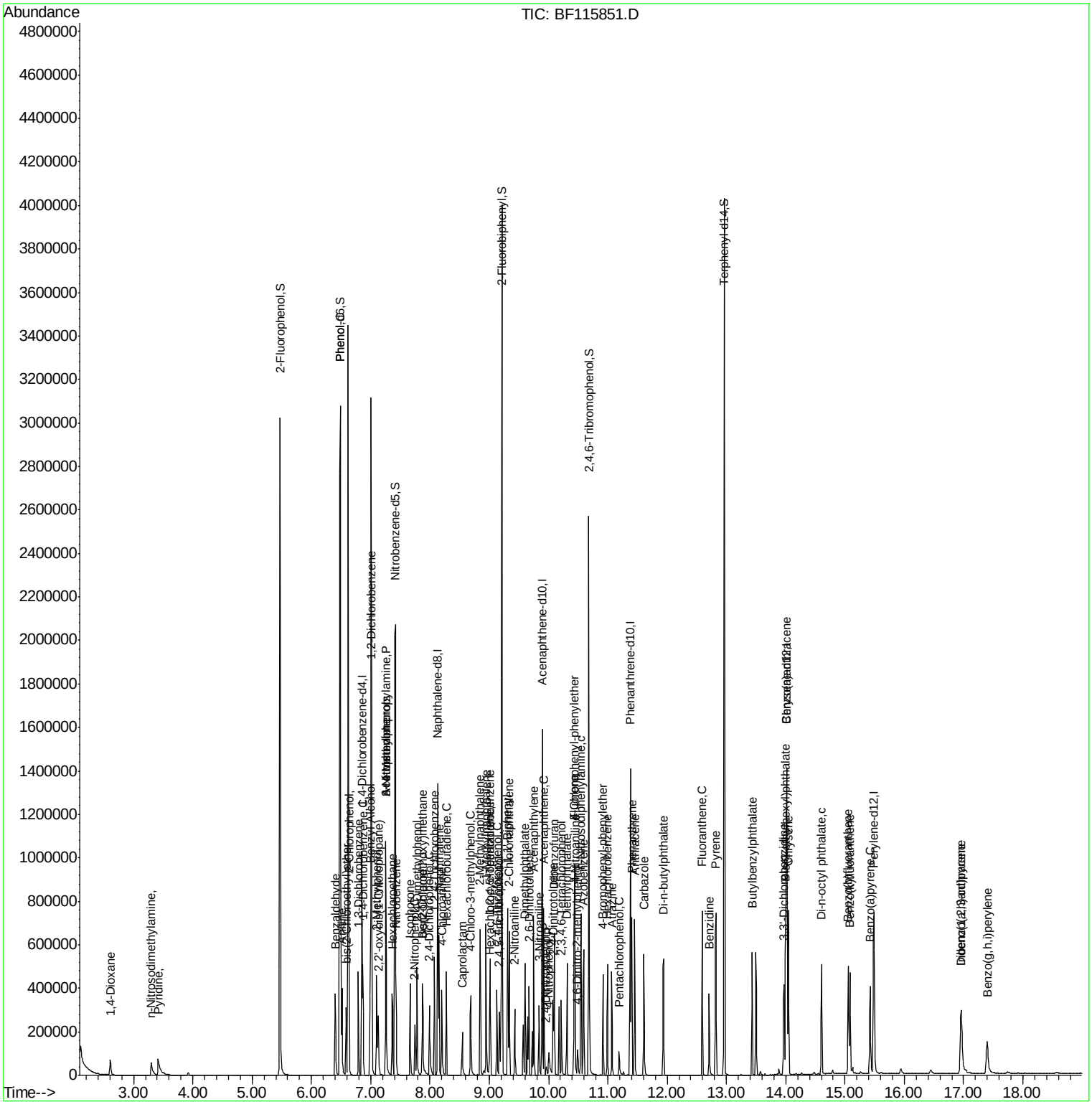
(#) = qualifier out of range (m) = manual integration (+) = signals summed

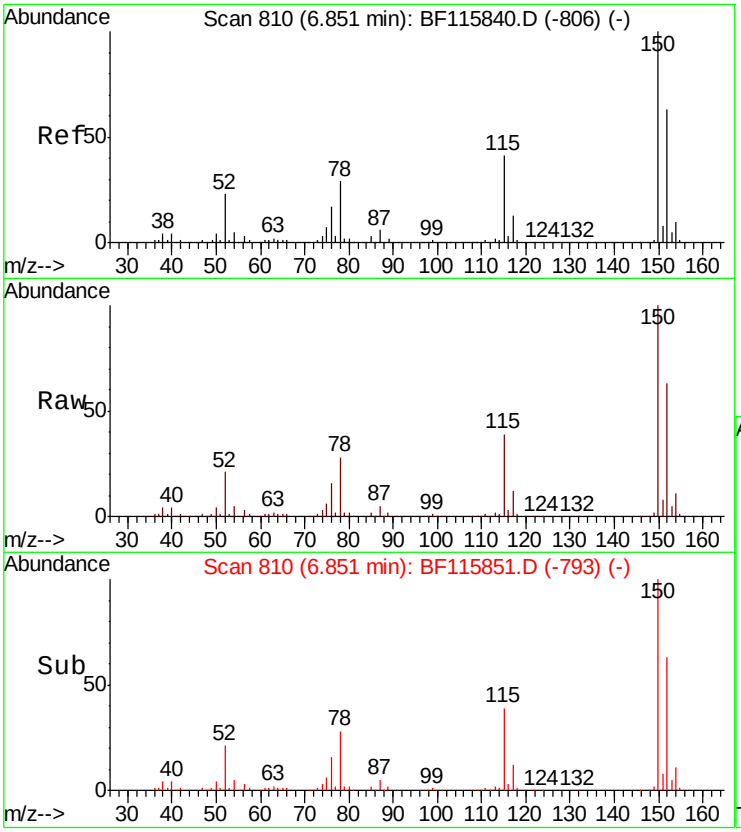
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073019\
Data File : BF115851.D
Acq On : 30 Jul 2019 19:28
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Quant Time: Jul 31 04:40:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration



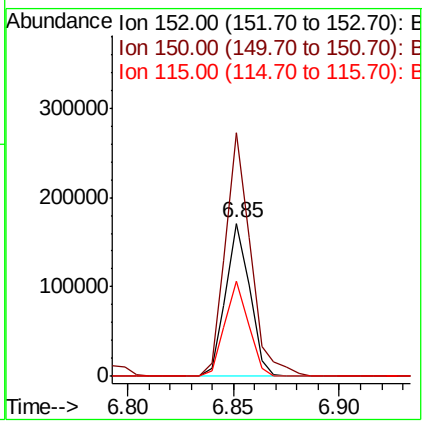


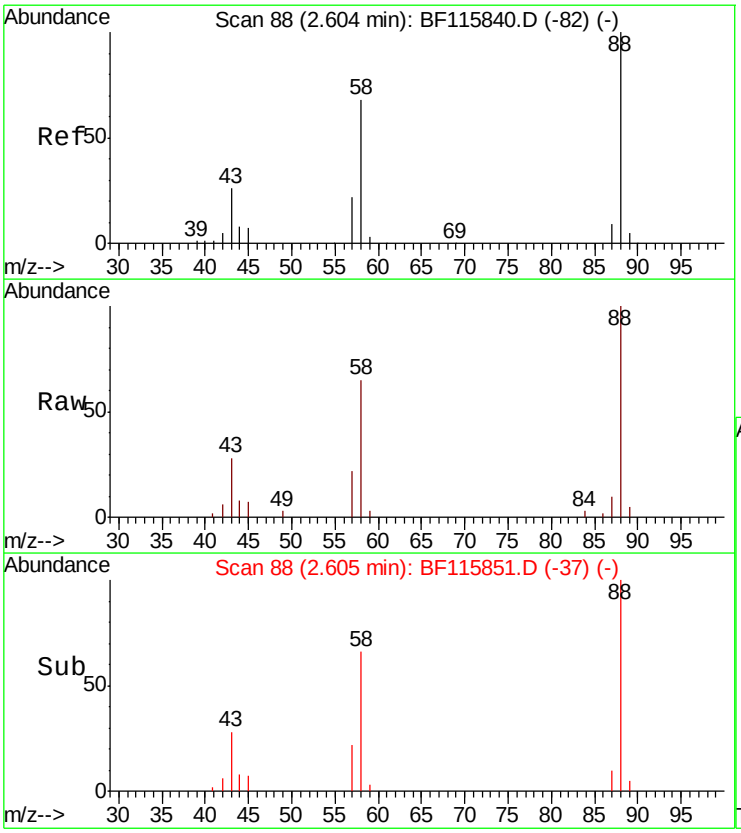

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:152 Resp: 135413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 127.4 | 191.0 |
| 115 | 62.5 | 51.8 | 77.8 |

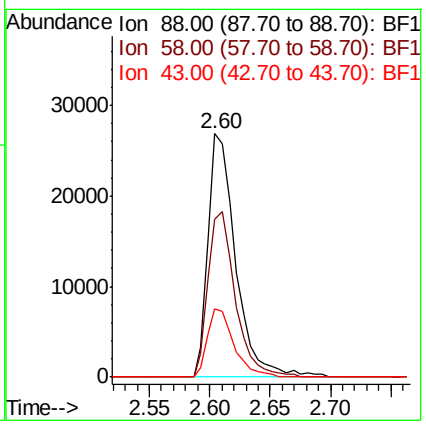


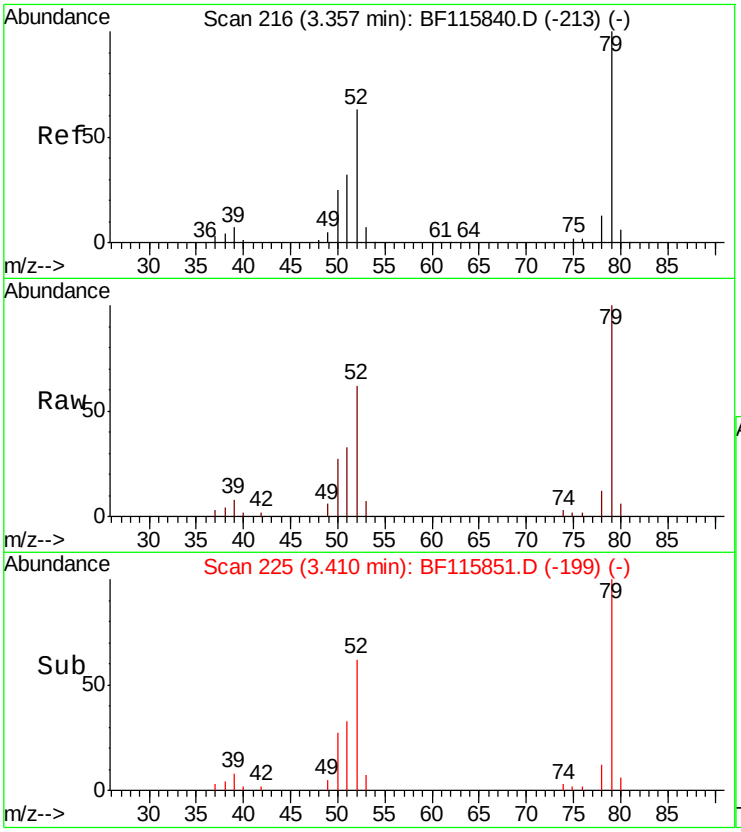




#2
1,4-Dioxane
Concen: 10.394 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 88 Resp: 42473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.1 | 54.1 | 81.1 |
| 43 | 26.8 | 20.7 | 31.1 |



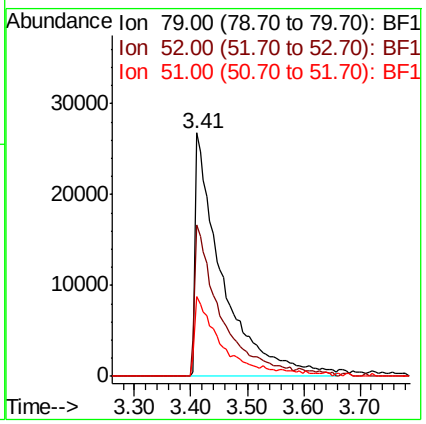


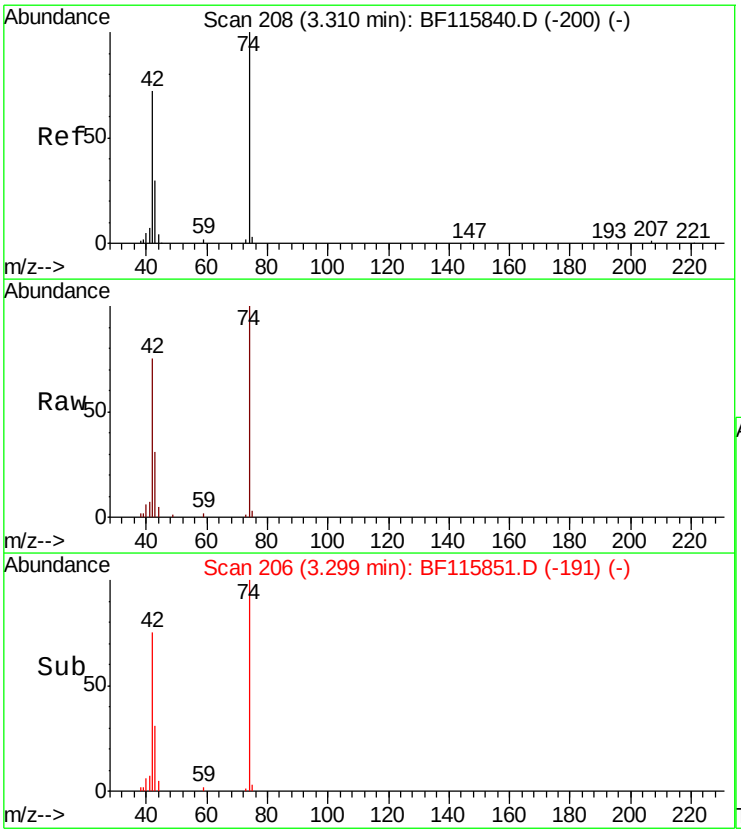

#3
Pyridine
Concen: 7.783 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.05 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 79 Resp: 88842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.2 | 50.2 | 75.4 |
| 51 | 32.7 | 25.8 | 38.6 |

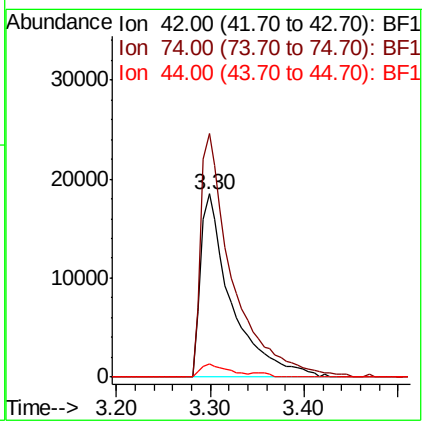


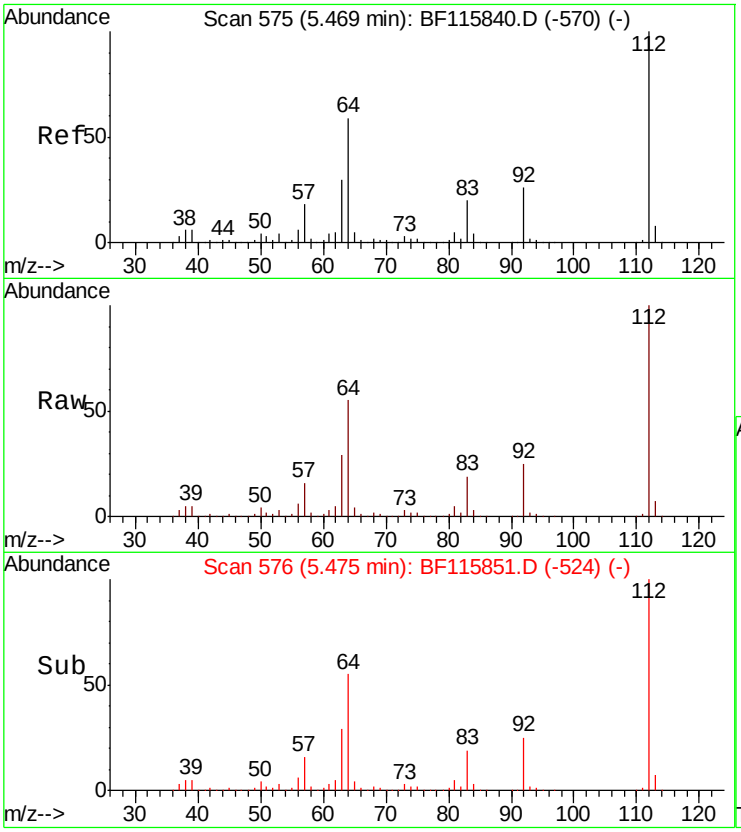




#4
n-Nitrosodimethylamine
Concen: 9.433 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 42 Resp: 42492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.1 | 111.0 | 166.4 |
| 44 | 7.0 | 4.7 | 7.1 |



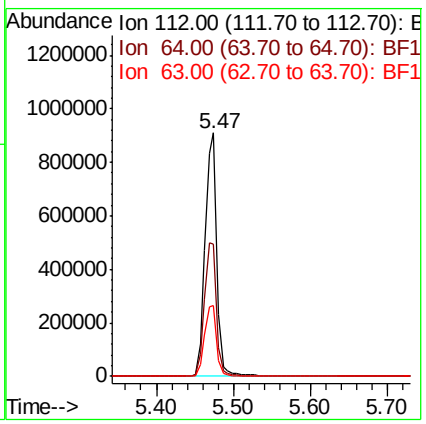


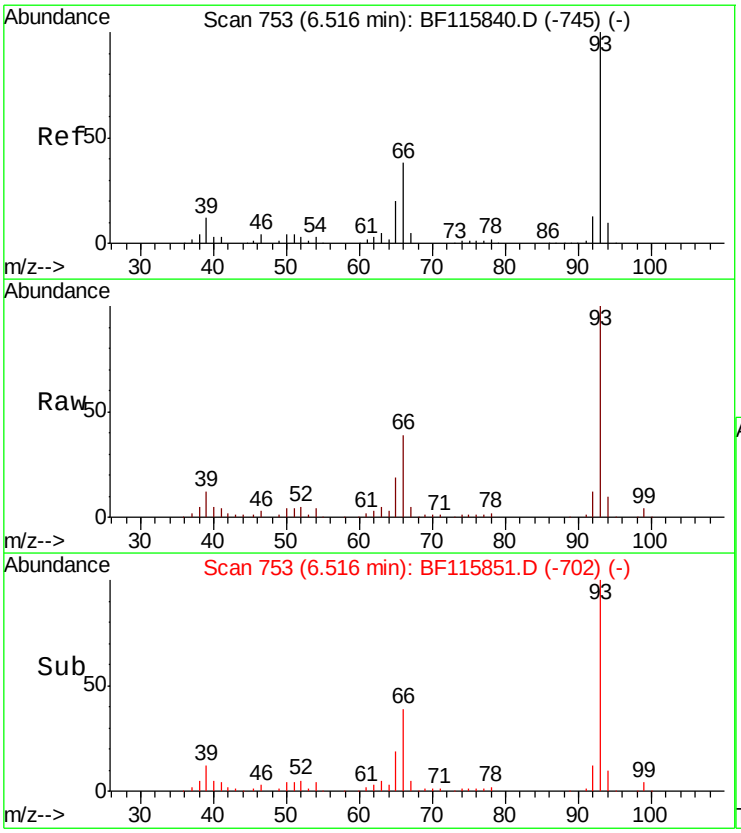

#5
2-Fluorophenol
Concen: 118.397 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:112 Resp: 957701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.5 | 46.8 | 70.2 |
| 63 | 28.9 | 24.2 | 36.2 |

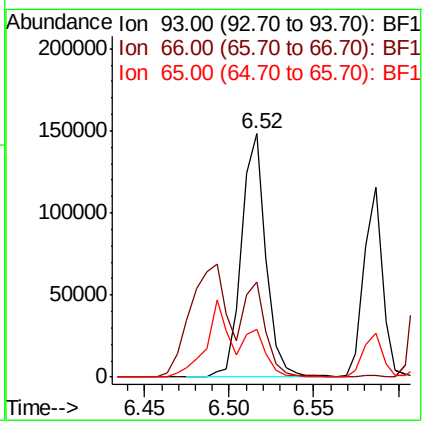


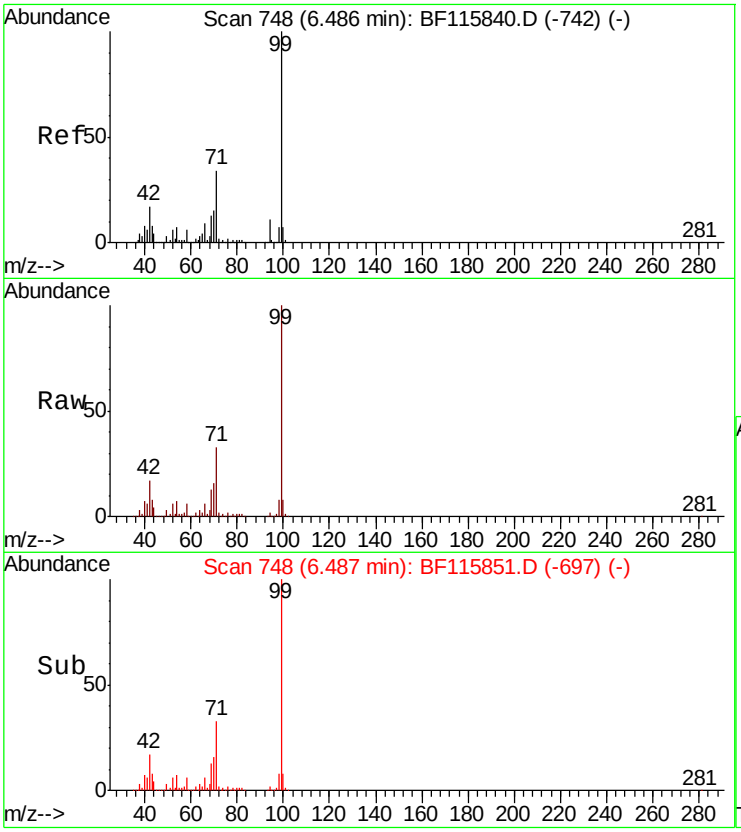




#6
Aniline
Concen: 10.240 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 93 Resp: 149668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.9 | 31.4 | 47.0 |
| 65 | 19.5 | 16.5 | 24.7 |



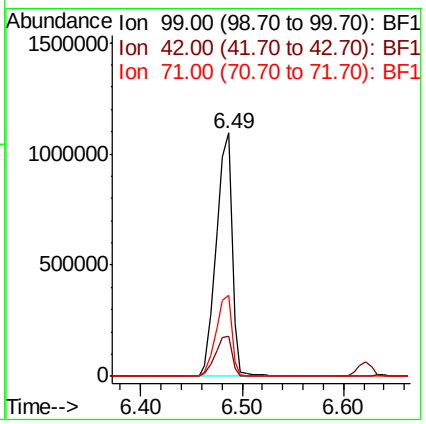


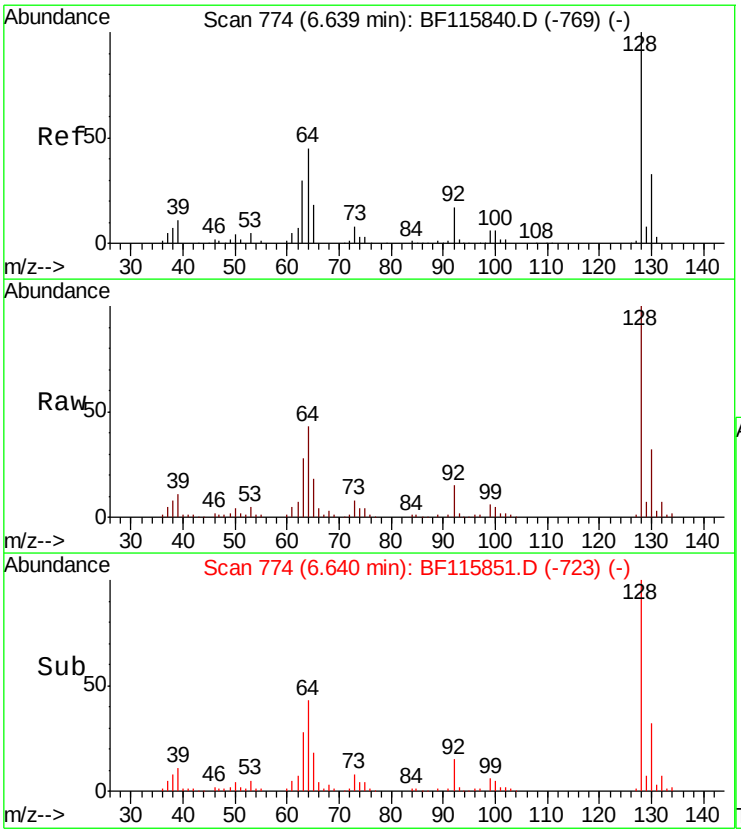

#7
Phenol-d6
Concen: 117.134 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 99 Resp: 1195415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 13.8 | 20.6 |
| 71 | 33.3 | 27.1 | 40.7 |

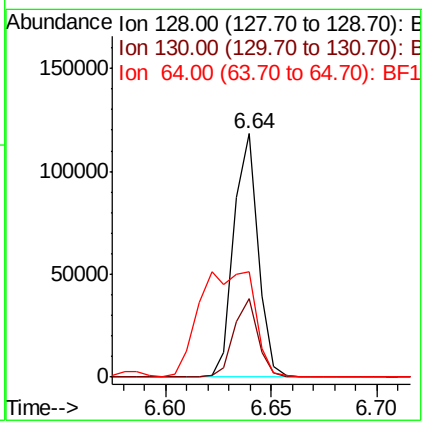


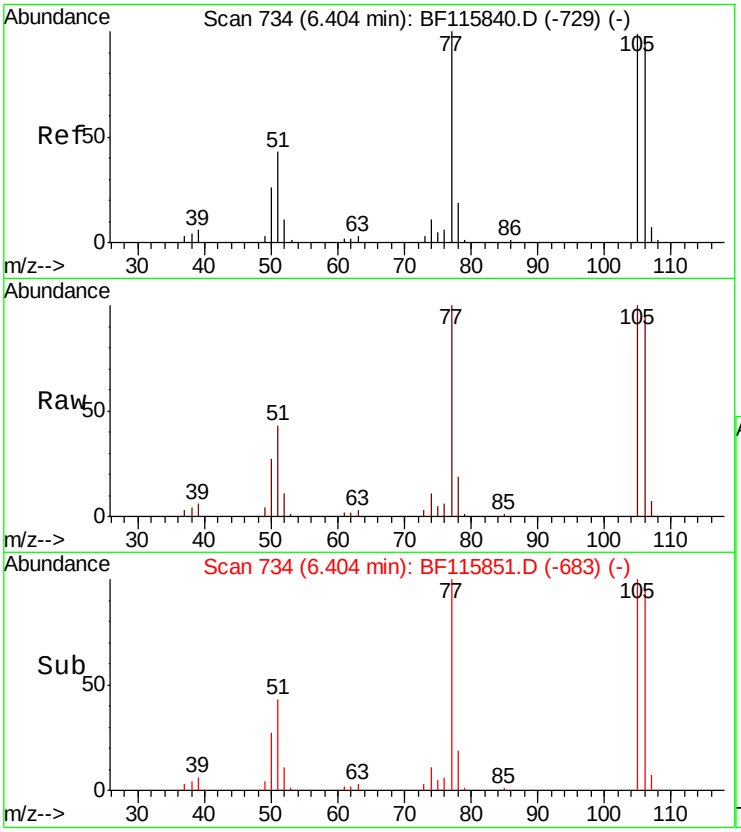




#8
2-Chlorophenol
Concen: 10.488 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:128 Resp: 93814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 12.9 | 52.9 |
| 64 | 43.3 | 26.1 | 66.1 |



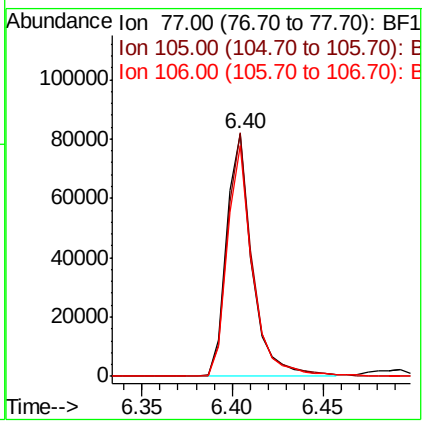


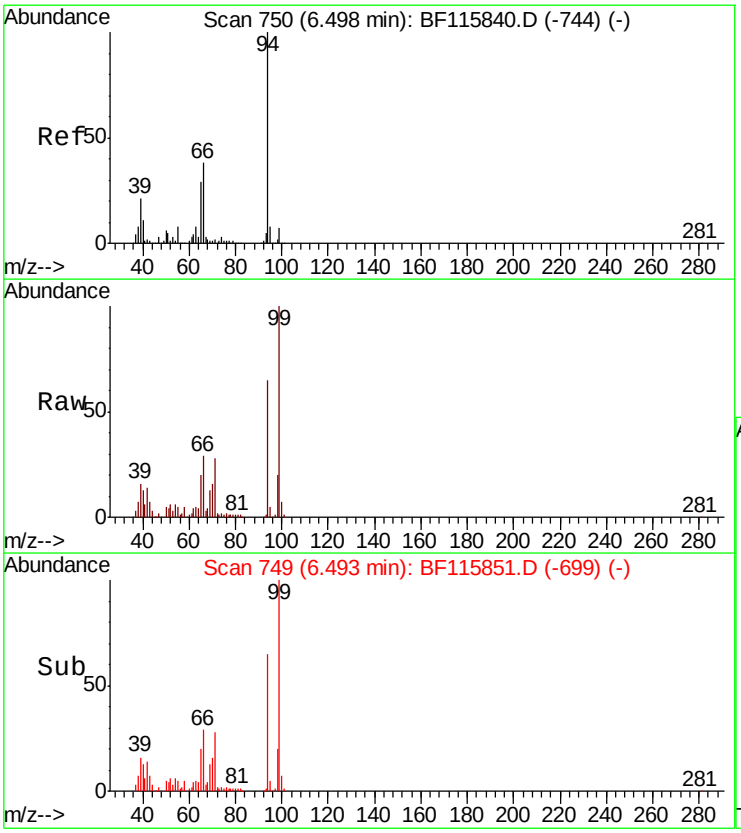

#9
Benzaldehyde
Concen:  11.444 ng
RT: 6.40 min  Scan# 734
Delta R.T.  0.00 min
Lab File:  BF115851.D
Acq: 30 Jul 2019  19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 77 Resp:  80587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.3 | 79.0 | 119.0 |
| 106 | 94.9 | 76.2 | 116.2 |

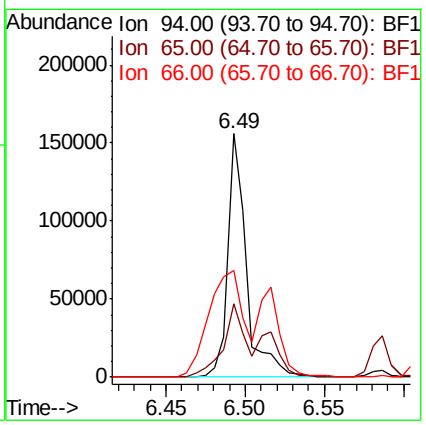


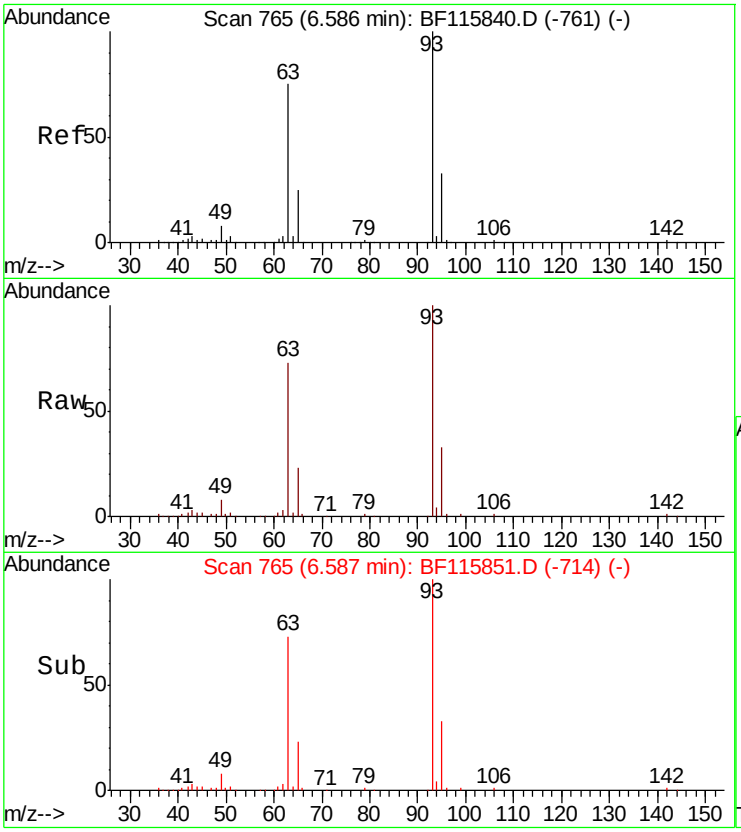




#10
Phenol
Concen:  10.560 ng
RT: 6.49 min  Scan# 749
Delta R.T.  -0.01 min
Lab File:  BF115851.D
Acq: 30 Jul 2019  19:28

Tgt Ion: 94 Resp:  126909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.1 | 8.9 | 48.9 |
| 66 | 43.9 | 18.0 | 58.0 |



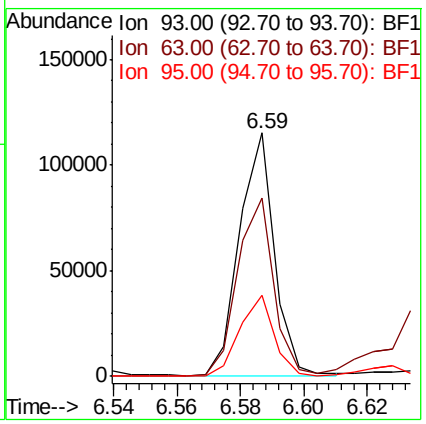


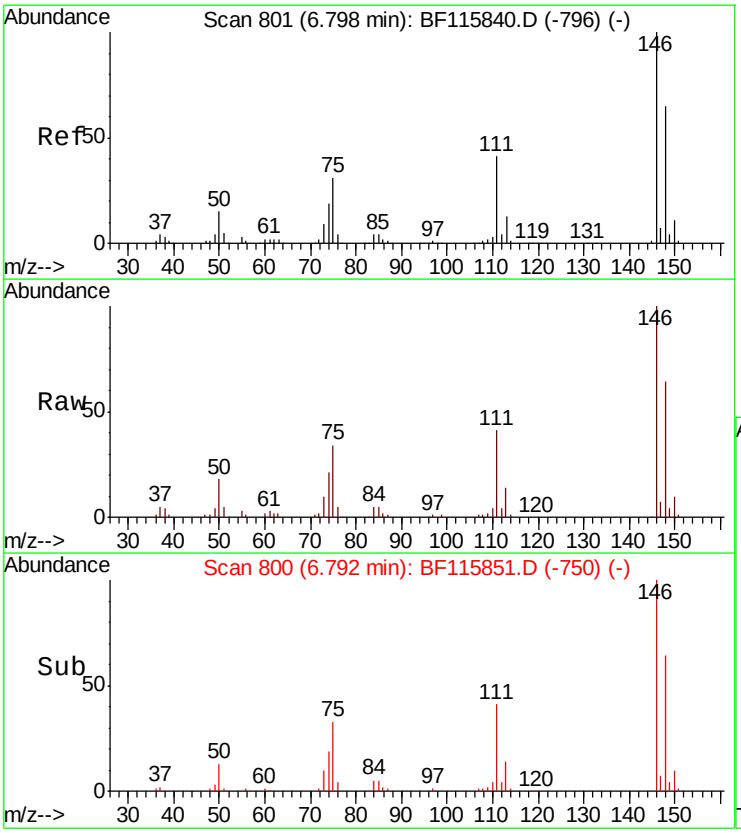

#11
bis(2-Chloroethyl)ether
Concen: 10.032 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 93 Resp: 88639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.1 | 54.9 | 94.9 |
| 95 | 33.4 | 13.3 | 53.3 |

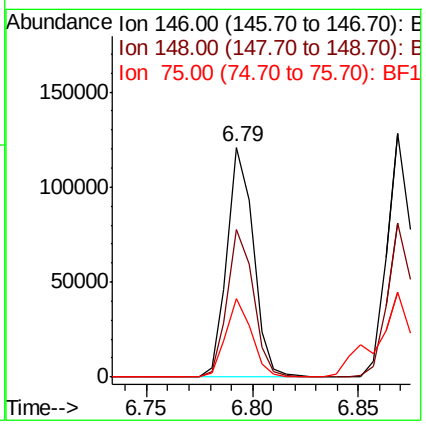


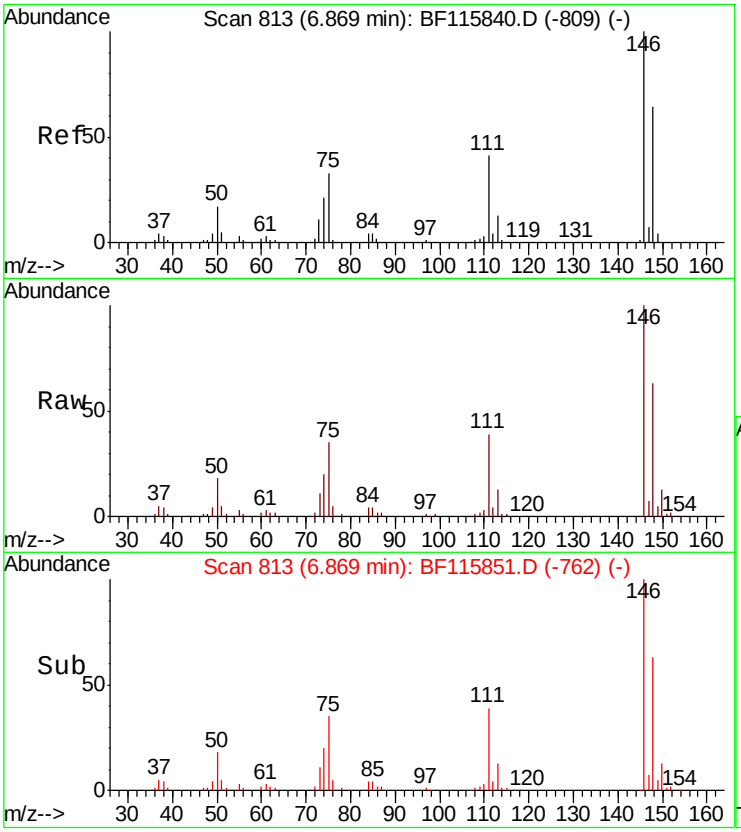




#12
1,3-Dichlorobenzene
Concen: 10.109 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:146 Resp: 104498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 52.1 | 78.1 |
| 75 | 34.1 | 25.0 | 37.6 |



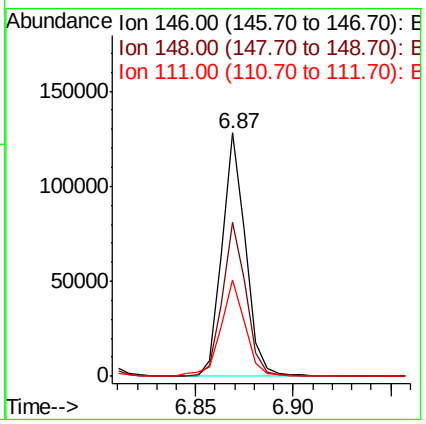


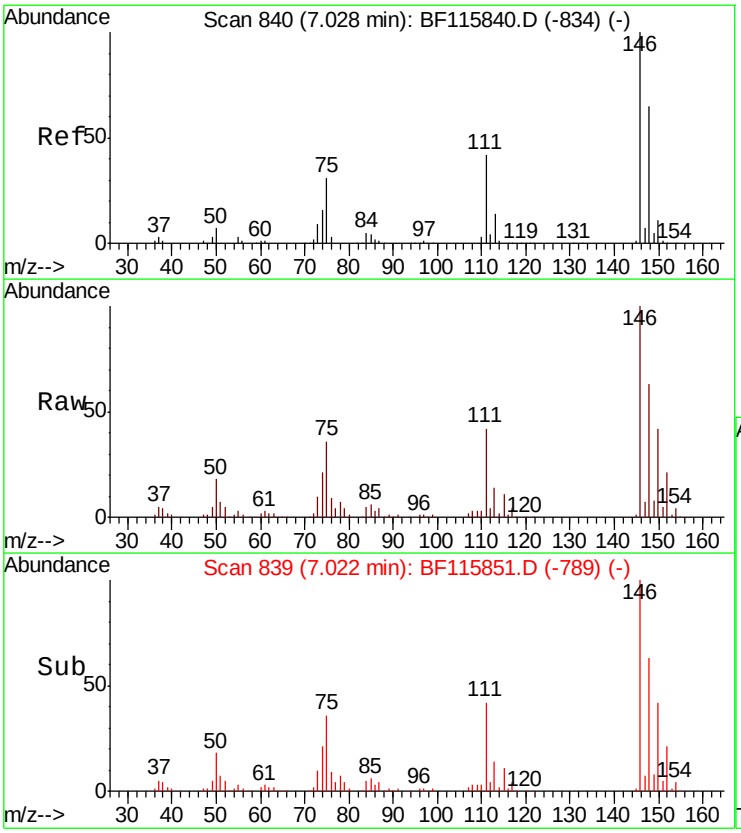

#13
1,4-Dichlorobenzene
Concen: 10.338 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:146 Resp: 107000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 51.2 | 76.8 |
| 111 | 39.5 | 33.2 | 49.8 |

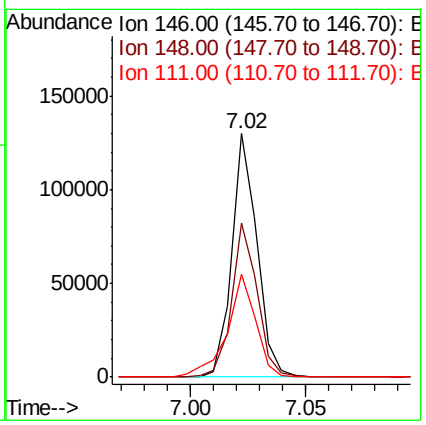


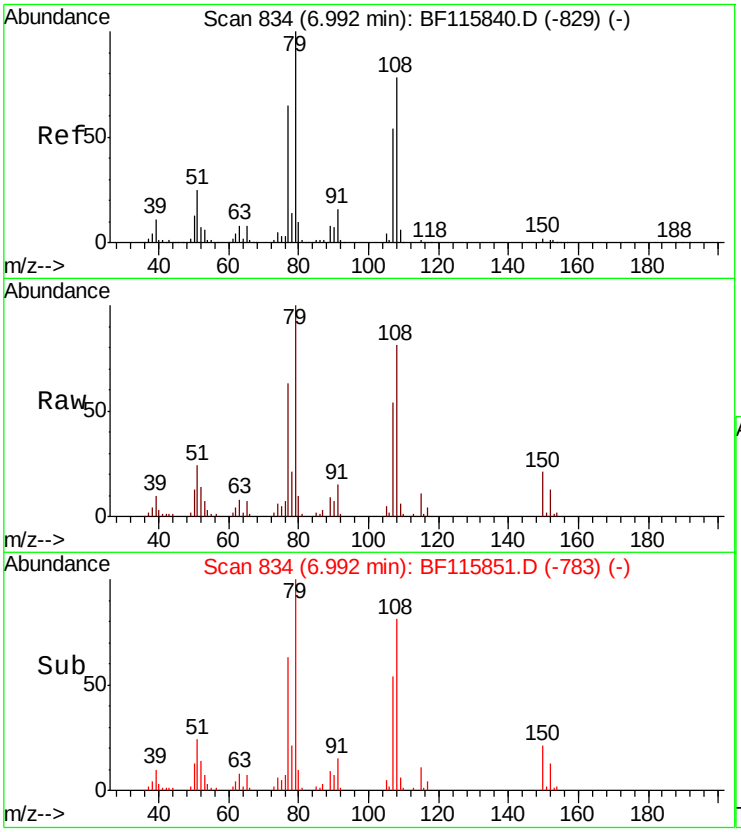




#14
1,2-Dichlorobenzene
Concen: 10.346 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:146 Resp: 98601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 51.6 | 77.4 |
| 111 | 42.3 | 33.6 | 50.4 |



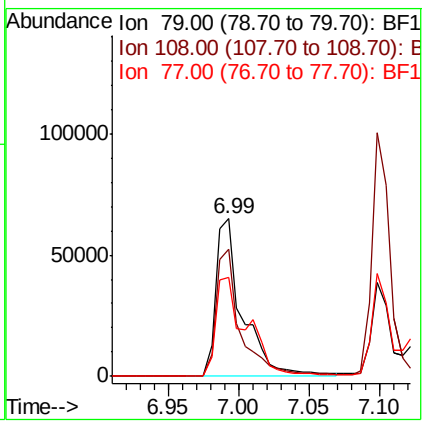


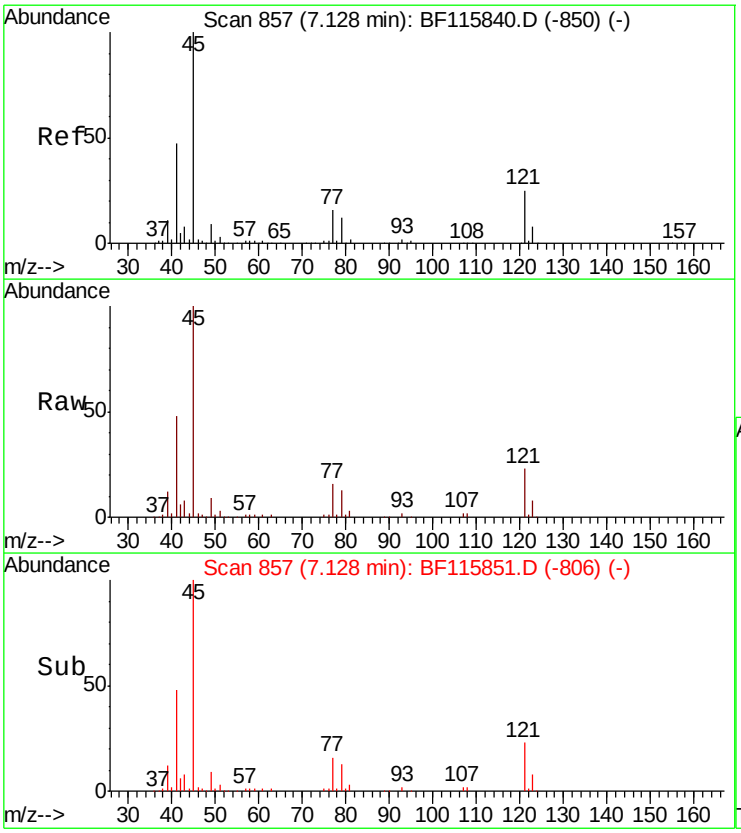

#15
Benzyl Alcohol
Concen: 11.032 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 79 Resp: 85445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.1 | 62.8 | 94.2 |
| 77 | 63.1 | 52.0 | 78.0 |

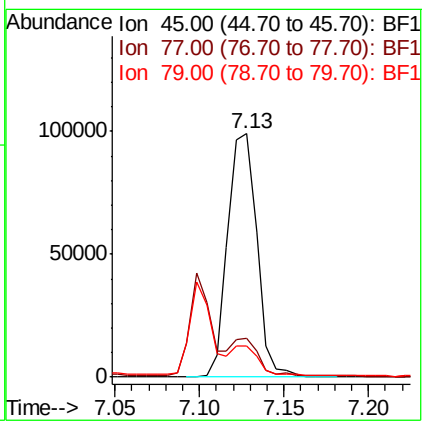


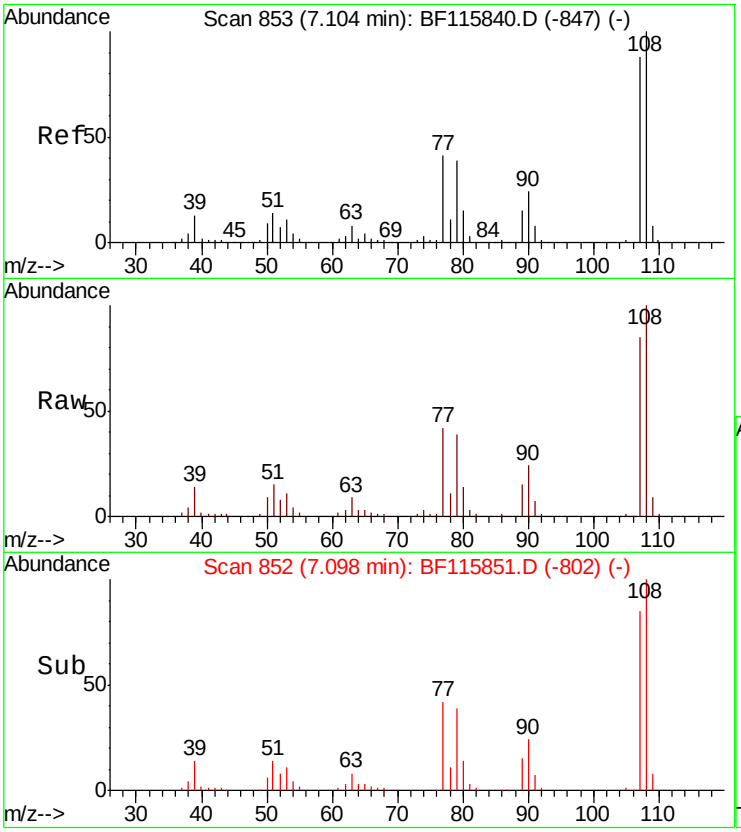




#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.890 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 45 Resp: 119195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.9 | 0.0 | 36.3 |
| 79 | 13.0 | 0.0 | 32.5 |



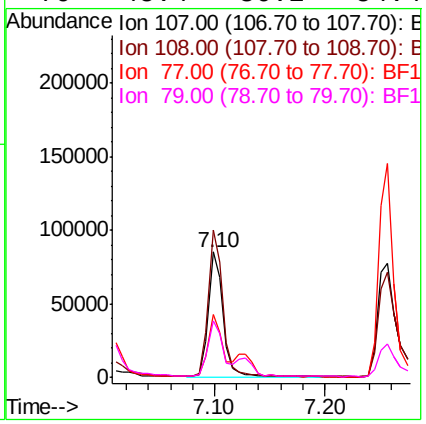


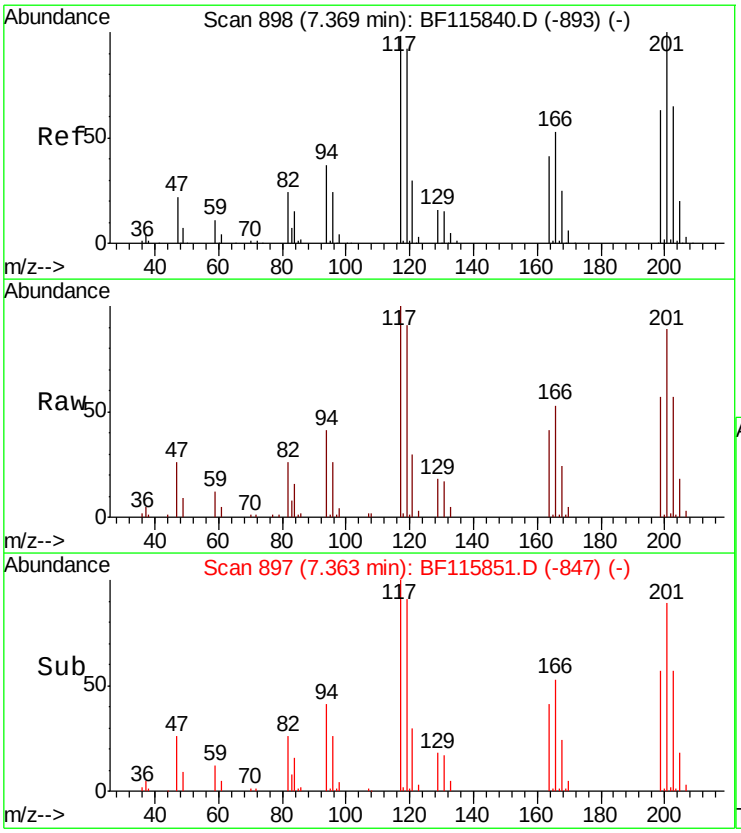

#17
2-Methylphenol
Concen: 10.359 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:107 Resp: 78460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.8 | 91.4 | 137.0 |
| 77 | 50.0 | 37.6 | 56.4 |
| 79 | 45.4 | 36.2 | 54.4 |

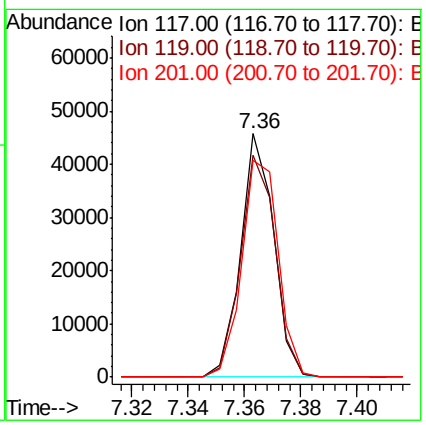


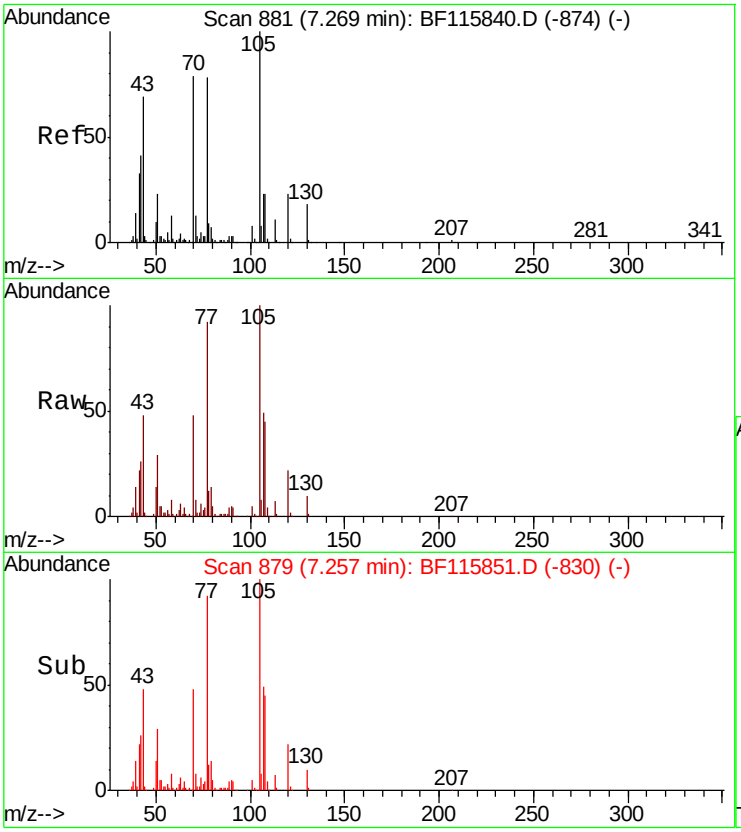




#18
Hexachloroethane
Concen: 9.729 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:117 Resp: 37076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.3 | 75.8 | 113.6 |
| 201 | 89.0 | 82.0 | 123.0 |



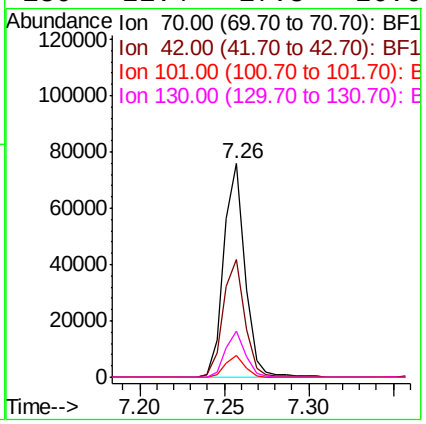


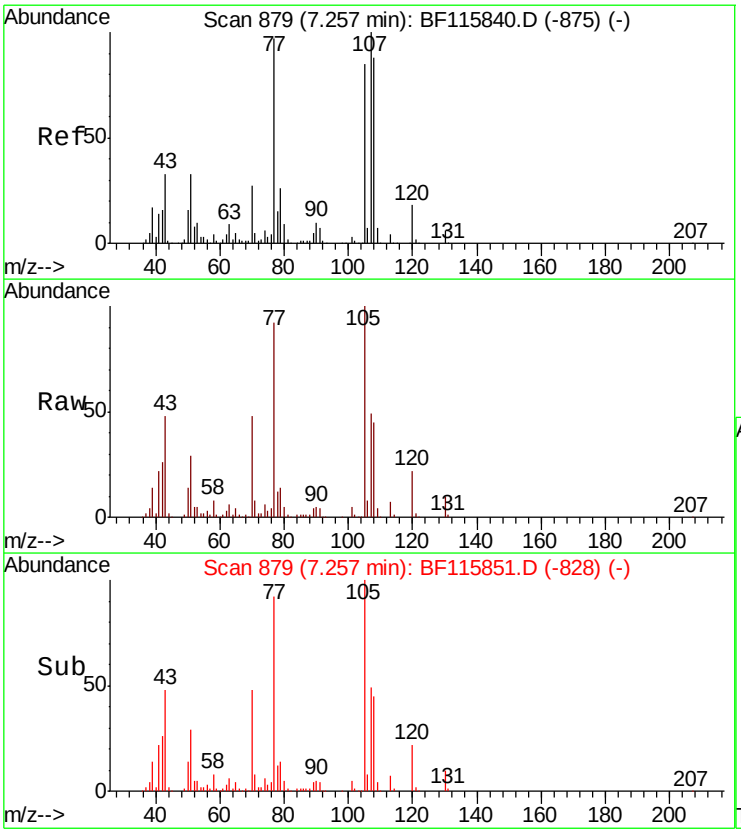

#19
n-Nitroso-di-n-propylamine
Concen: 10.536 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 70 Resp: 66630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.2 | 41.8 | 62.8 |
| 101 | 9.9 | 7.7 | 11.5 |
| 130 | 21.4 | 17.8 | 26.6 |

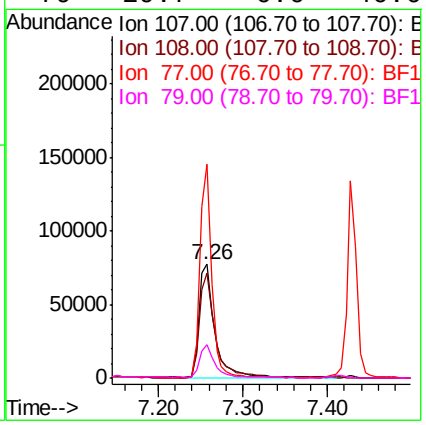


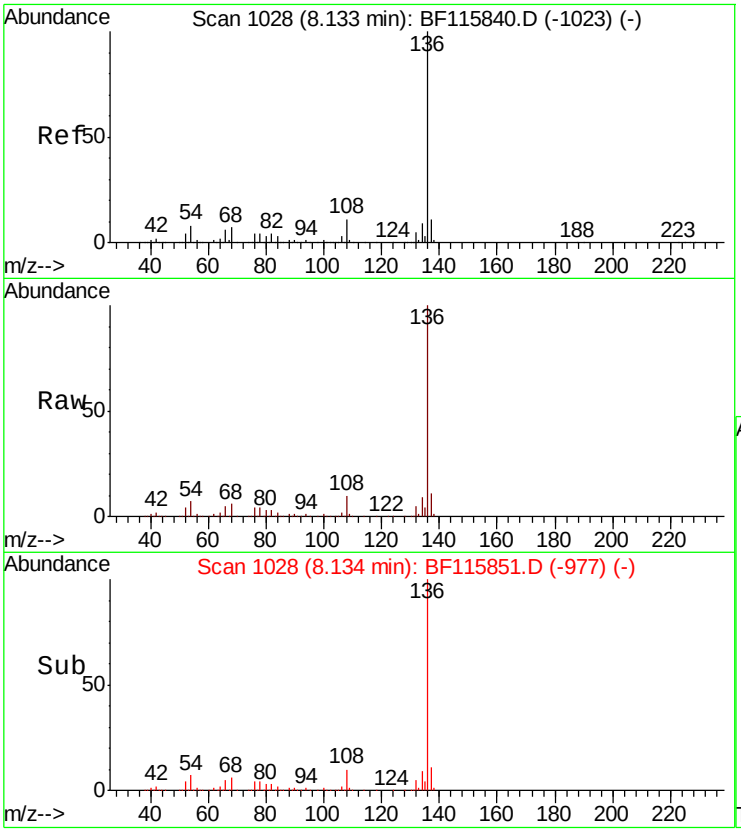




#20
3+4-Methylphenols
Concen: 11.446 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:107 Resp: 102586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.8 | 67.9 | 107.9 |
| 77 | 188.4 | 77.3 | 117.3# |
| 79 | 29.7 | 6.6 | 46.6 |



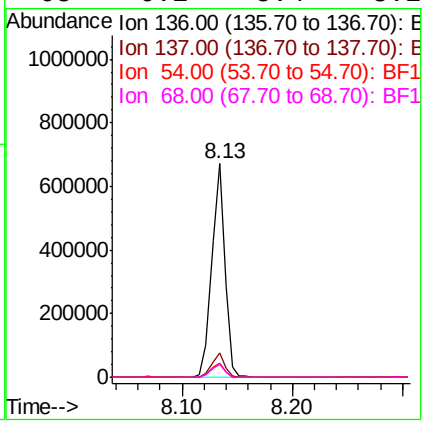


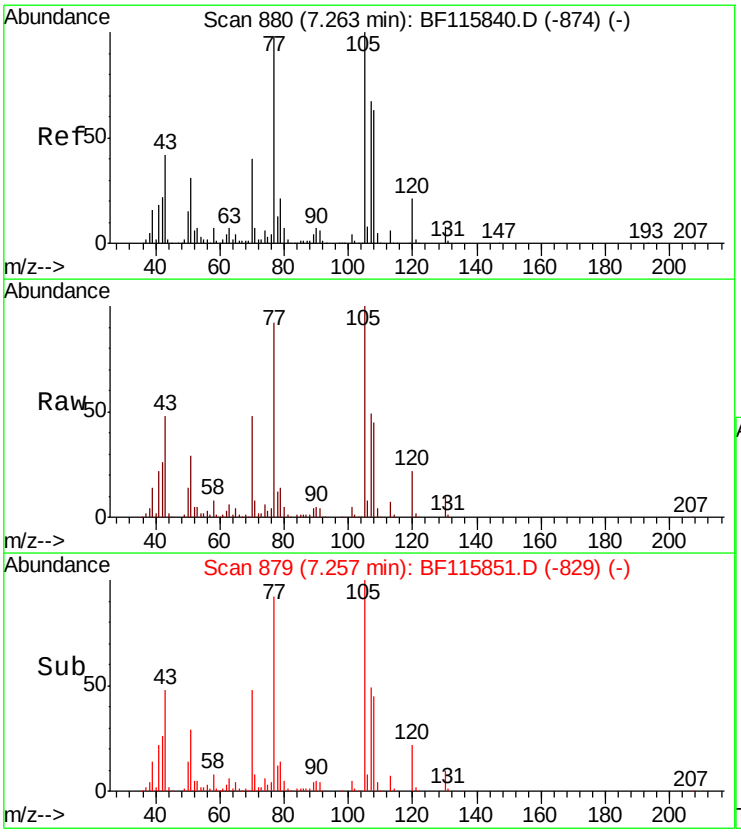

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:136 Resp: 545003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.1 | 13.7 |
| 54 | 6.7 | 6.1 | 9.1 |
| 68 | 6.2 | 5.4 | 8.2 |

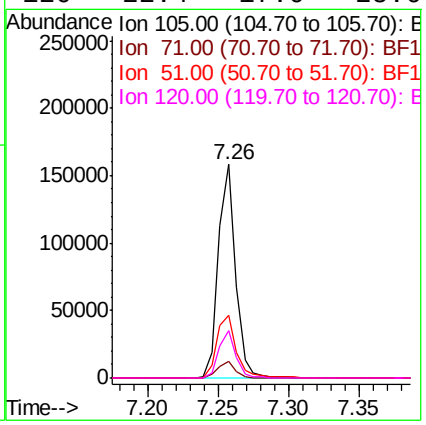


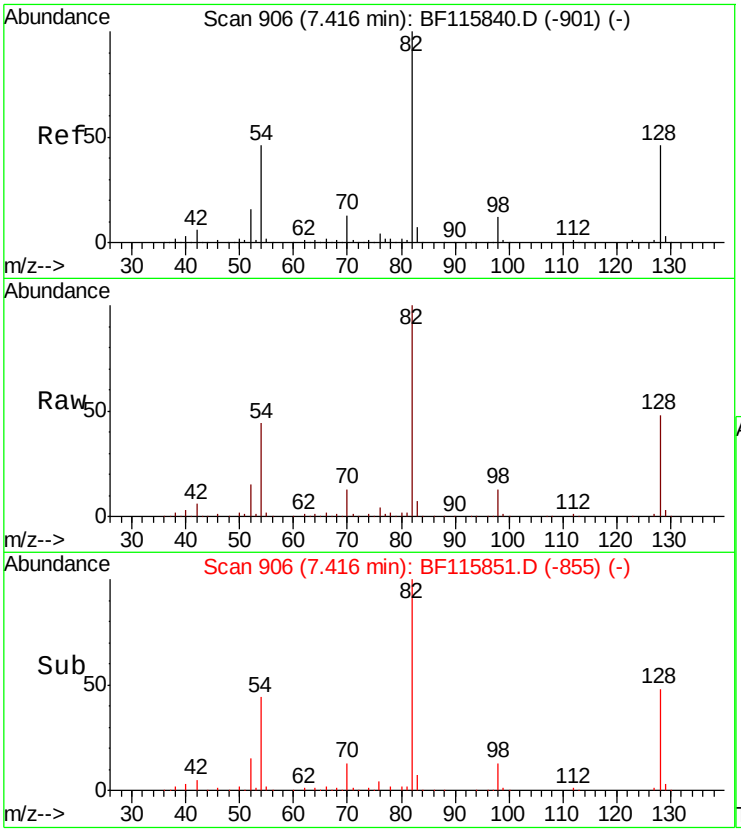




#22
Acetophenone
Concen: 11.255 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:105 Resp: 134528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.7 | 5.4 | 8.0 |
| 51 | 29.1 | 24.6 | 36.8 |
| 120 | 22.4 | 17.0 | 25.6 |



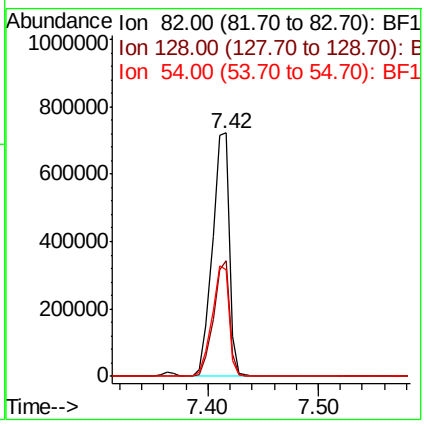


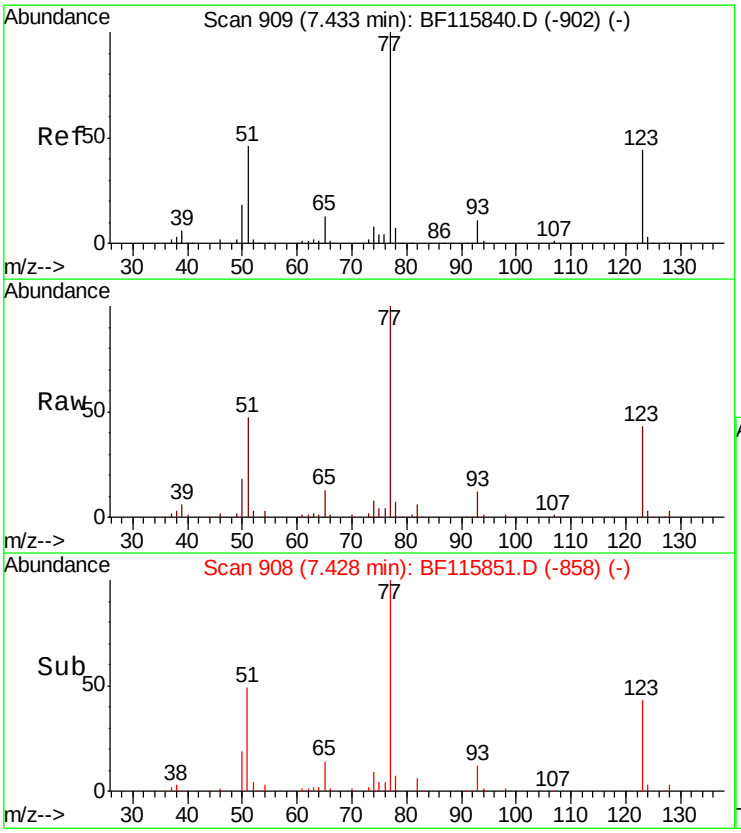

#23
Nitrobenzene-d5
Concen: 80.858 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 82 Resp: 763431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.7 | 36.6 | 55.0 |
| 54 | 44.0 | 36.6 | 55.0 |

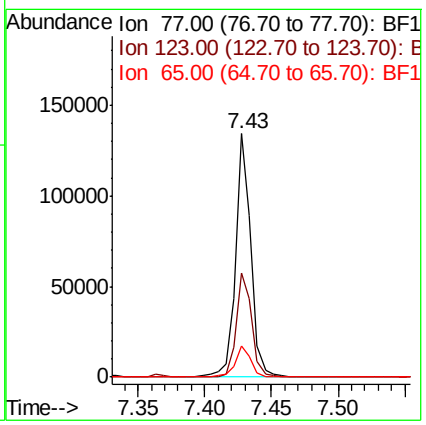


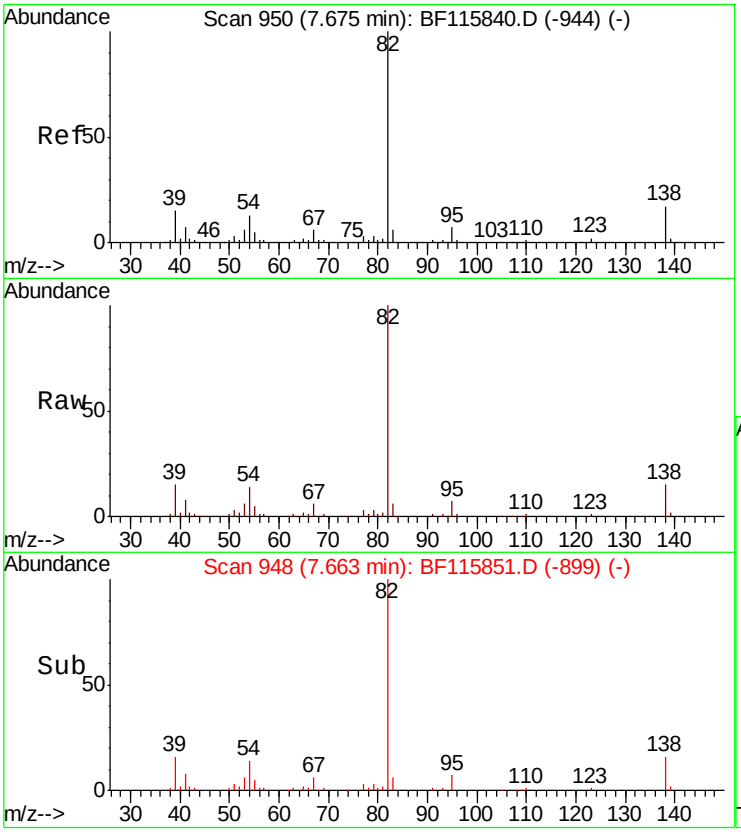




#24
Nitrobenzene
Concen: 10.578 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 77 Resp: 107837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.9 | 35.5 | 53.3 |
| 65 | 12.8 | 10.6 | 15.8 |



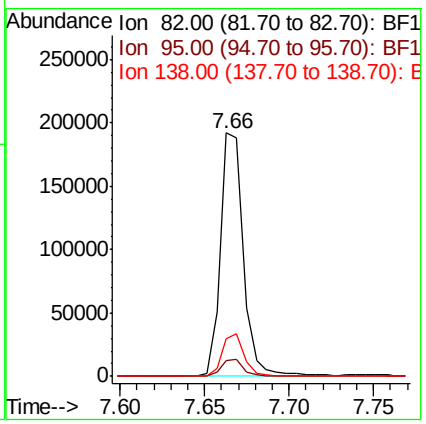


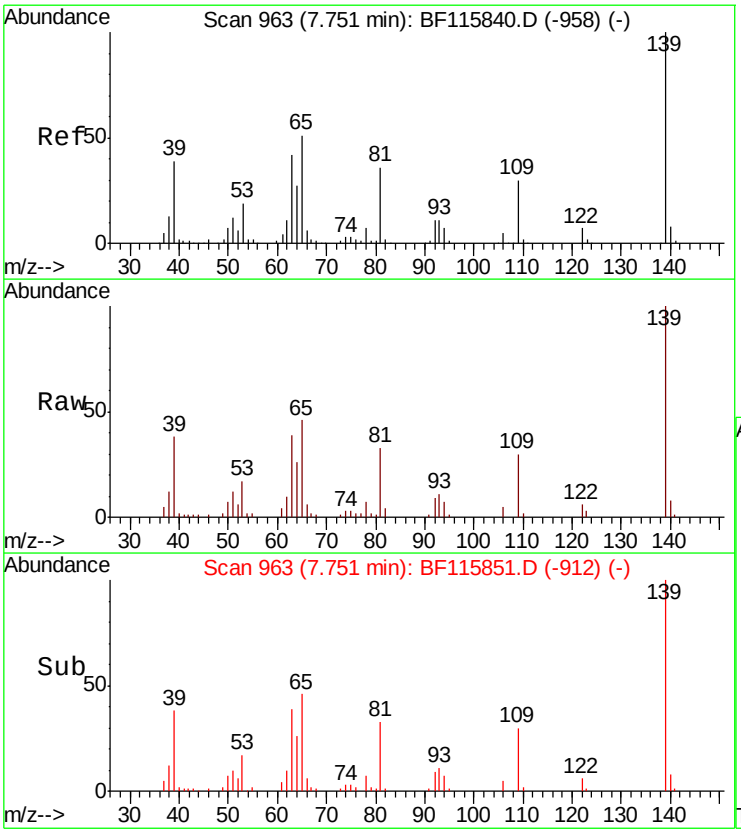

#25
Isophorone
Concen: 10.131 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 82 Resp: 182913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.5 | 8.3 |
| 138 | 15.4 | 13.9 | 20.9 |

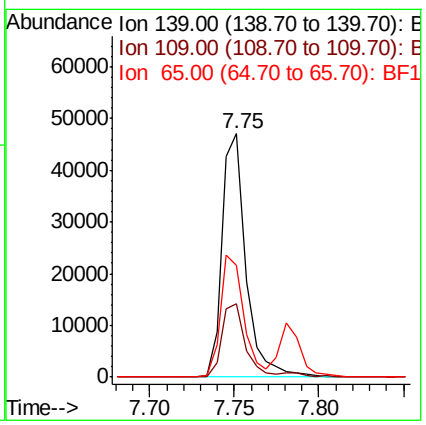


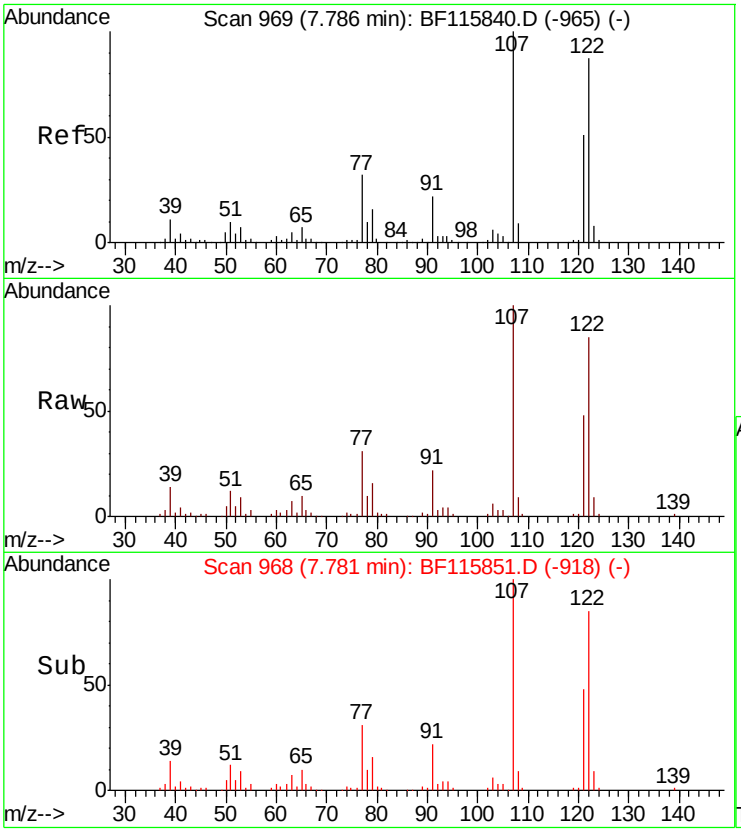




#26
2-Nitrophenol
Concen: 9.640 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:139 Resp: 46326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.0 | 23.6 | 35.4 |
| 65 | 46.1 | 40.6 | 60.8 |



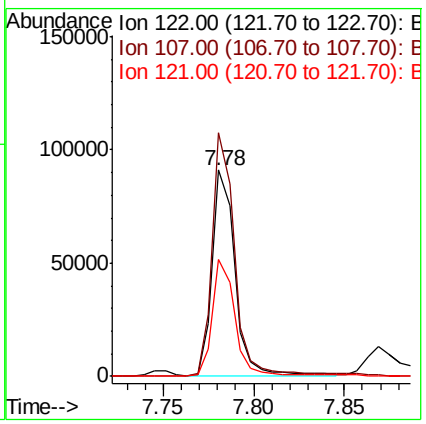


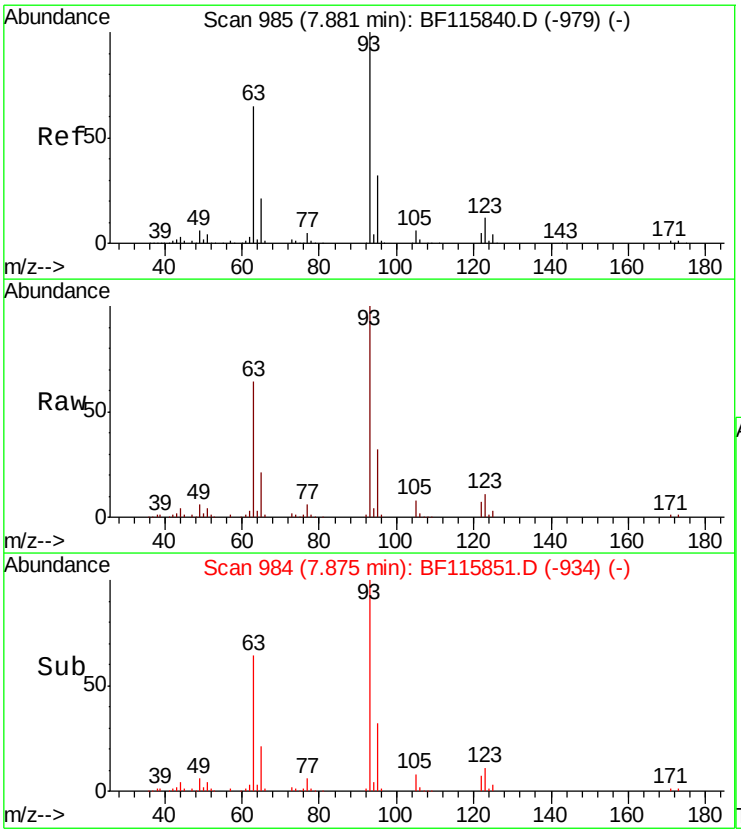

#27
2,4-Dimethylphenol
Concen: 10.910 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:122 Resp: 78877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.0 | 91.7 | 137.5 |
| 121 | 56.9 | 46.6 | 70.0 |

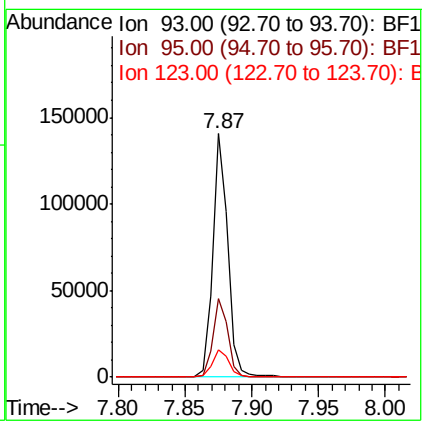


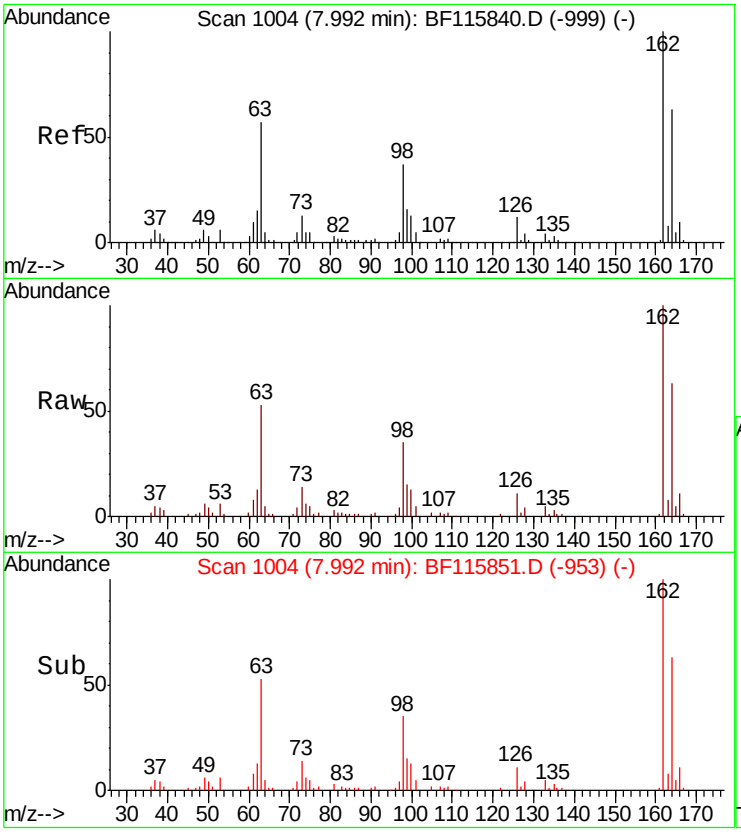




#28
bis(2-Chloroethoxy)methane
Concen: 9.990 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 93 Resp: 111787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.0 | 39.0 |
| 123 | 11.4 | 9.5 | 14.3 |



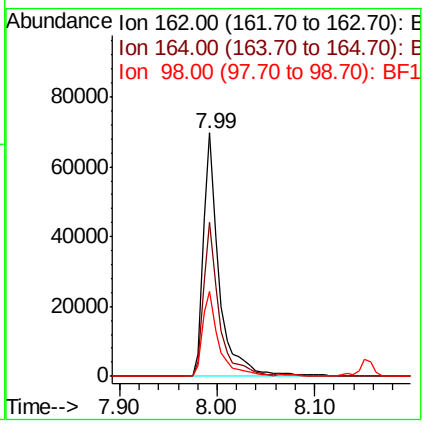


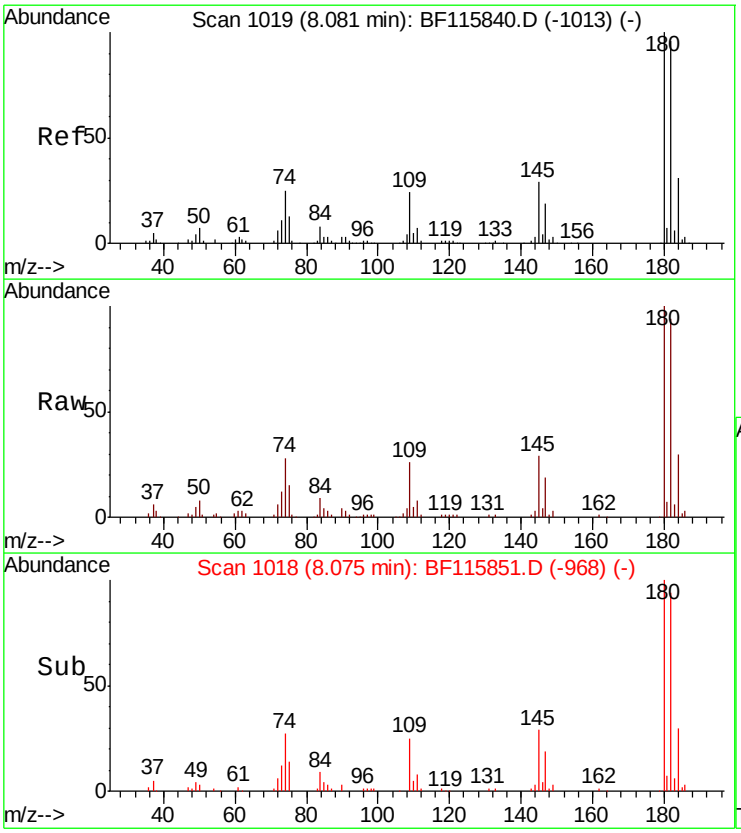

#29
2,4-Dichlorophenol
Concen: 10.219 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:162 Resp: 78014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 43.2 | 83.2 |
| 98 | 35.0 | 17.3 | 57.3 |

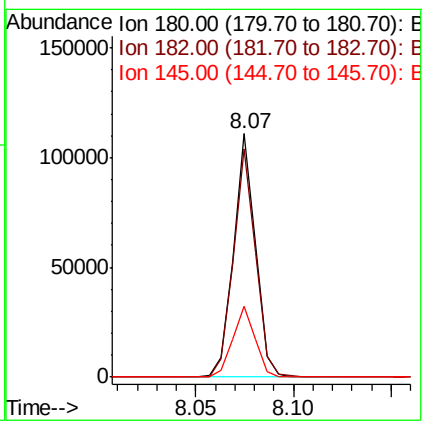


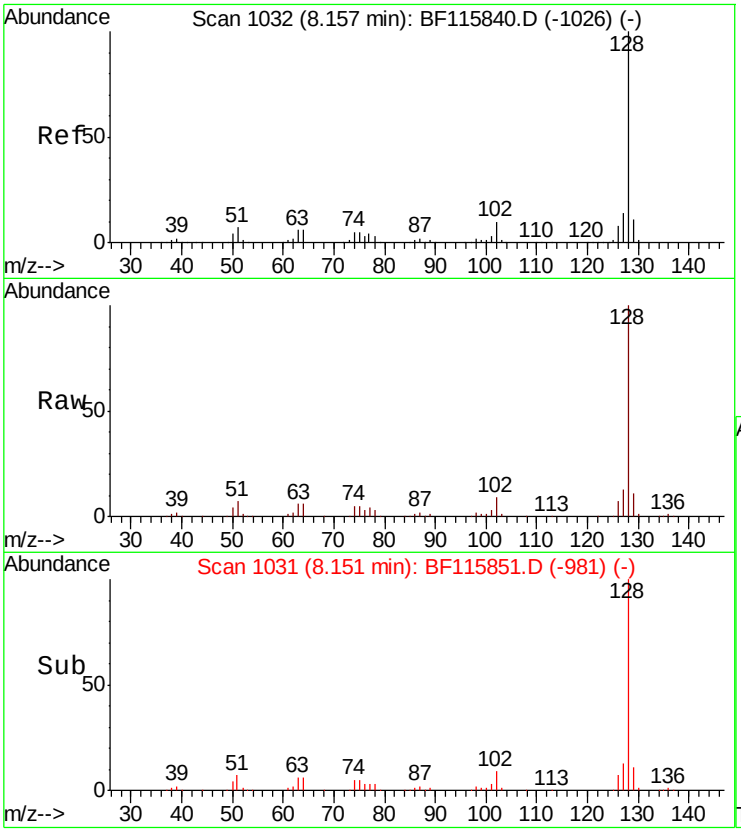




#30
1,2,4-Trichlorobenzene
Concen: 9.946 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:180 Resp: 86554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 76.6 | 114.8 |
| 145 | 28.9 | 23.2 | 34.8 |



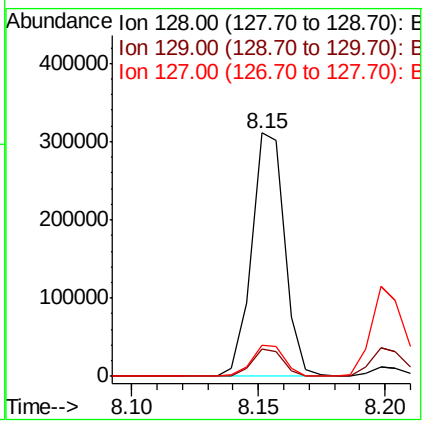


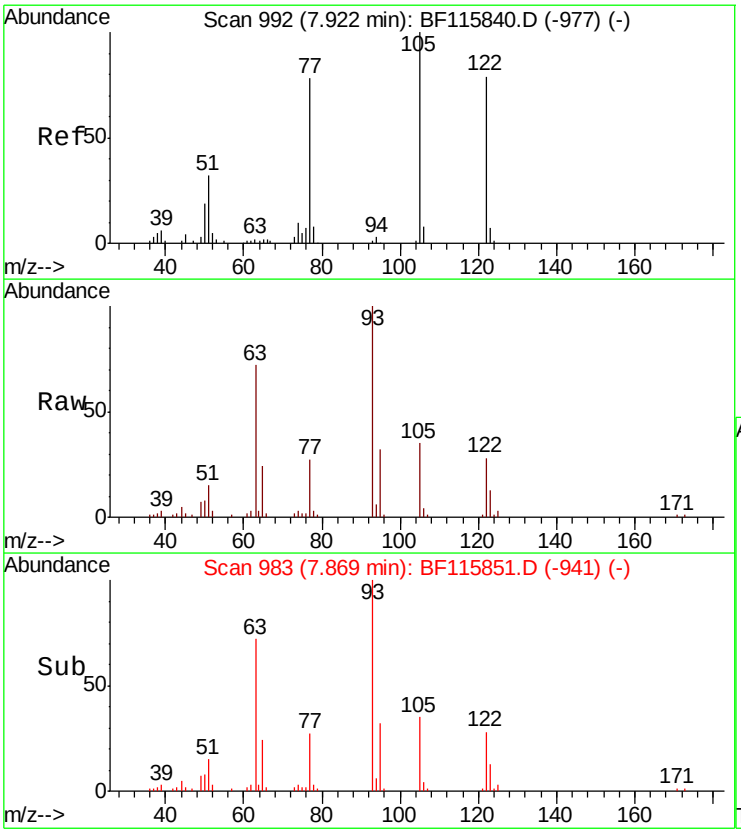

#31
Naphthalene
Concen: 11.077 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:128 Resp: 284076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.2 | 13.8 |
| 127 | 12.8 | 11.0 | 16.4 |

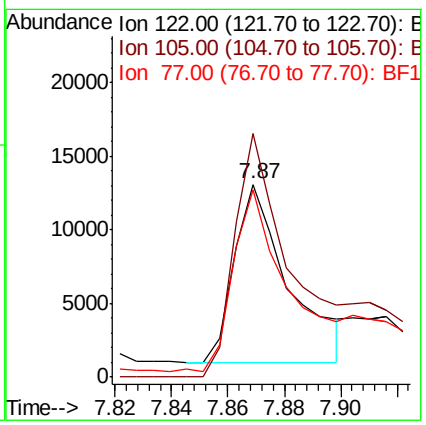


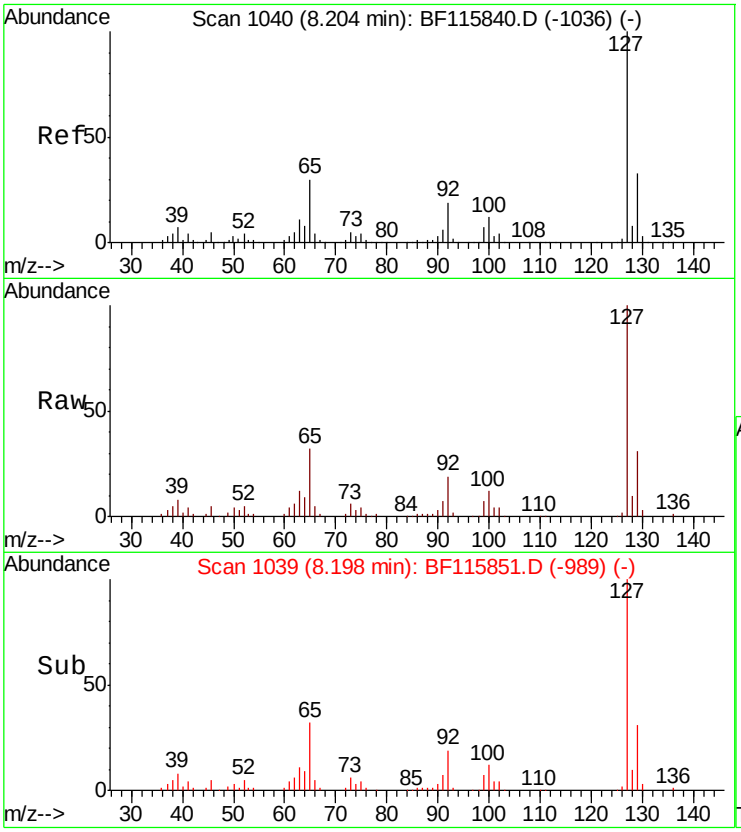




#32
Benzoic acid
Concen: 3.149 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:122 Resp: 16054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.4 | 103.1 | 143.1 |
| 77 | 97.2 | 76.8 | 116.8 |



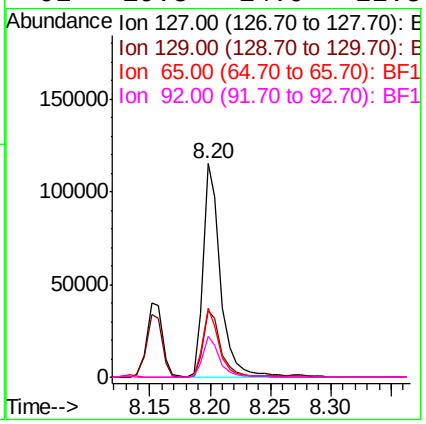


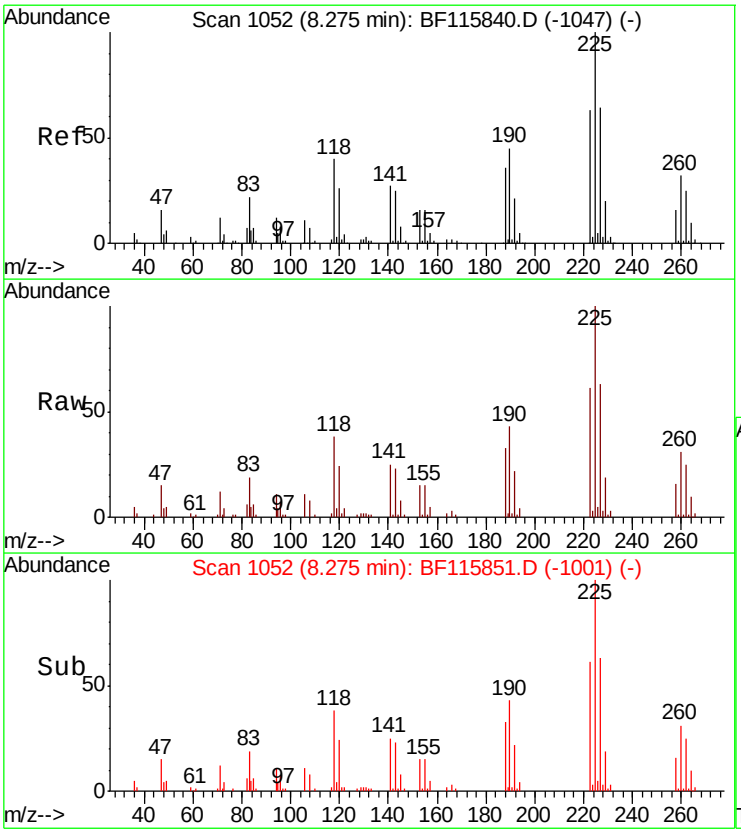

#33
4-Chloroaniline
Concen: 10.099 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:127 Resp: 115729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.1 | 26.0 | 39.0 |
| 65 | 32.4 | 23.9 | 35.9 |
| 92 | 19.3 | 14.9 | 22.3 |

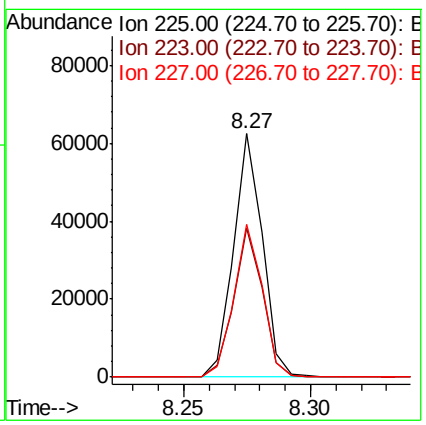


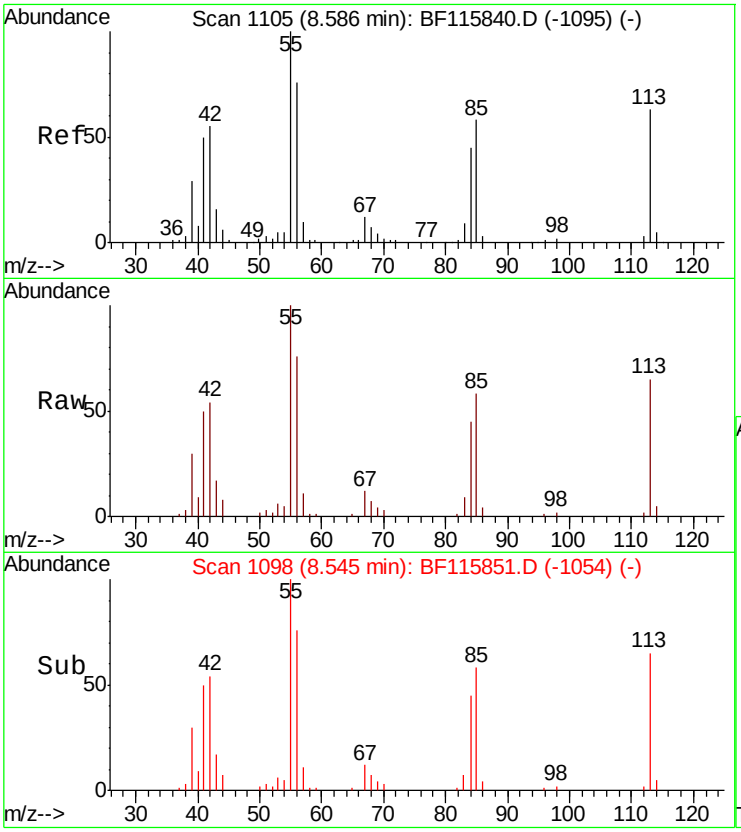




#34
Hexachlorobutadiene
Concen: 9.796 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:225 Resp: 49101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.0 | 50.4 | 75.6 |
| 227 | 62.7 | 51.6 | 77.4 |



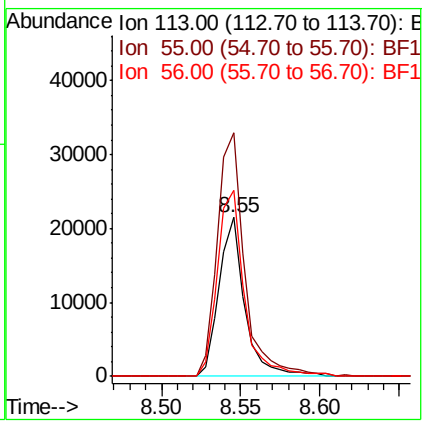


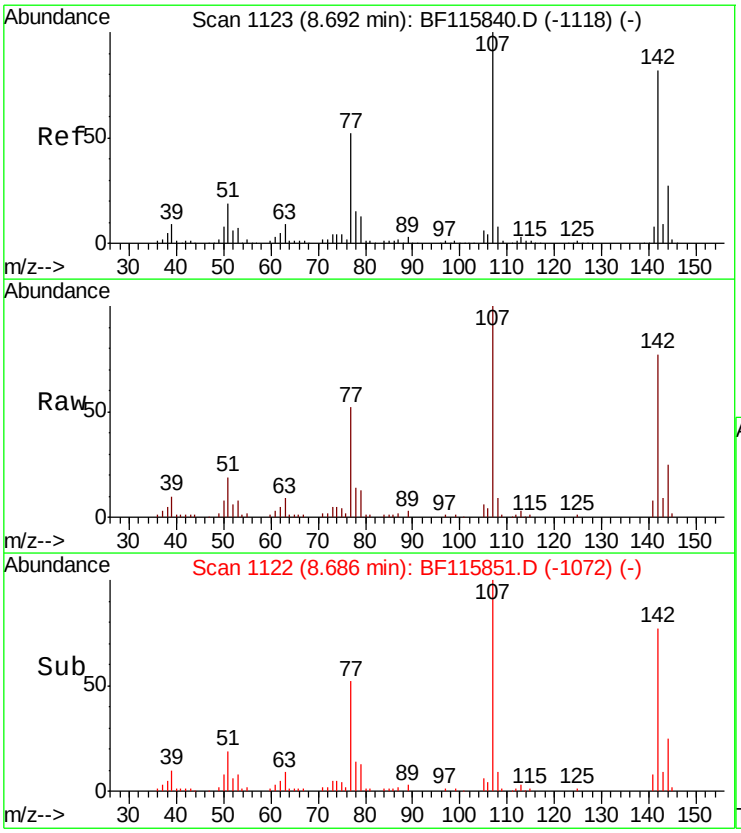

#35
Caprolactam
Concen: 9.832 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:113 Resp: 24276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 153.1 | 138.1 | 178.1 |
| 56 | 117.0 | 100.6 | 140.6 |

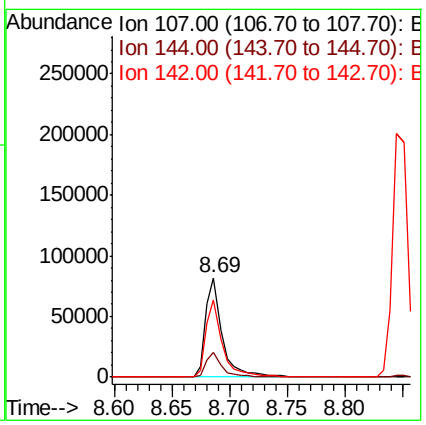


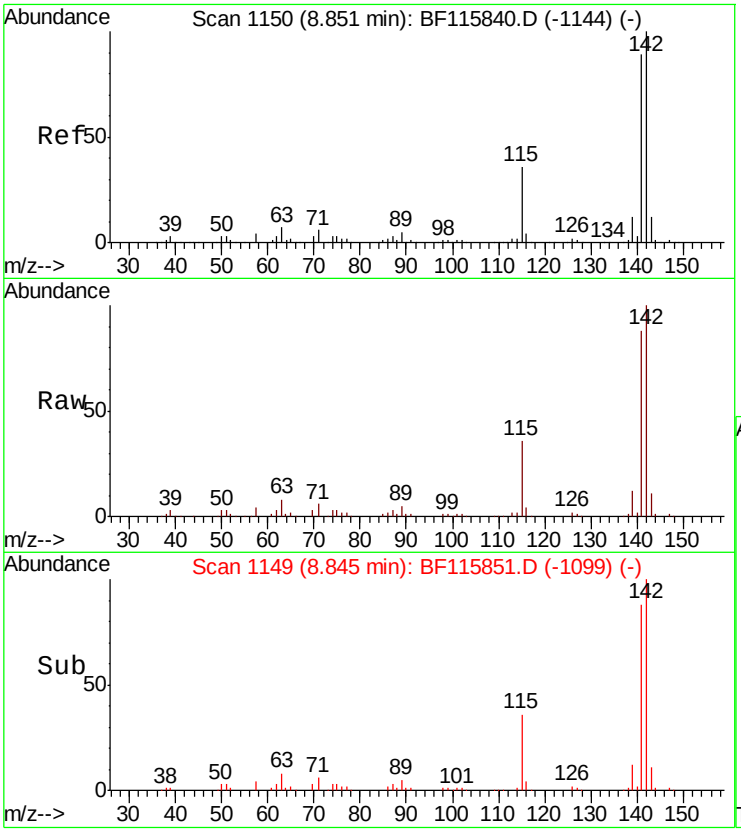




#36
4-Chloro-3-methylphenol
Concen: 10.396 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:107 Resp: 82564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.1 | 21.4 | 32.0 |
| 142 | 77.4 | 65.5 | 98.3 |



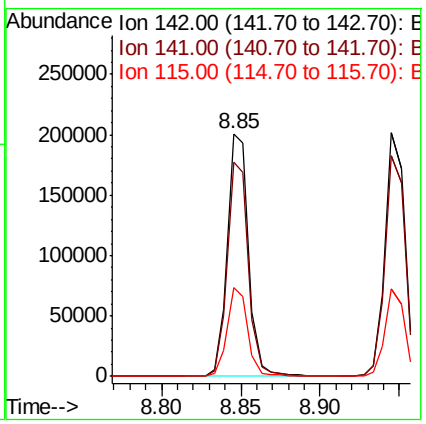


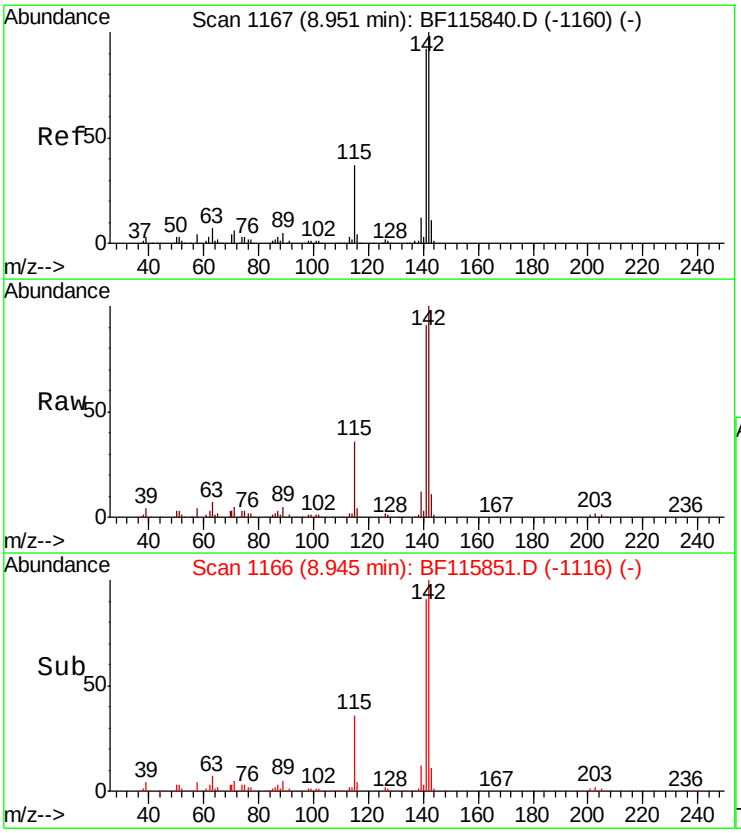

#37
2-Methylnaphthalene
Concen: 11.054 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:142 Resp: 186701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 71.4 | 107.2 |
| 115 | 36.4 | 28.9 | 43.3 |

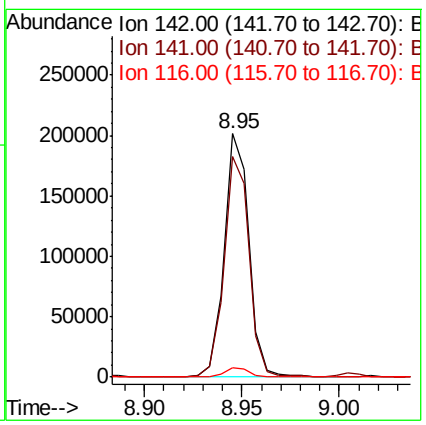


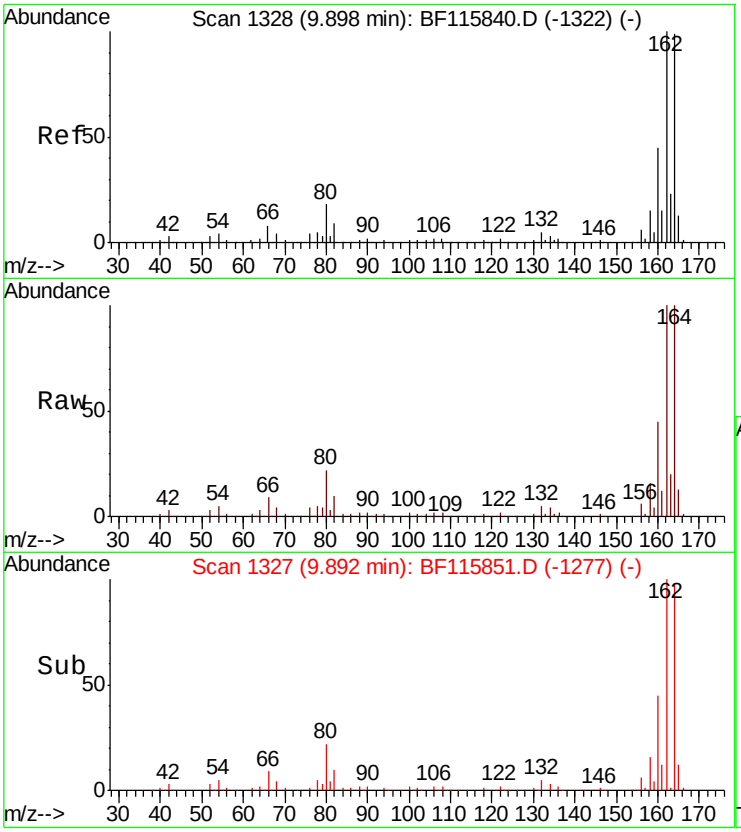




#38
1-Methylnaphthalene
Concen: 11.032 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:142 Resp: 176278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 73.8 | 110.6 |
| 116 | 3.9 | 3.1 | 4.7 |



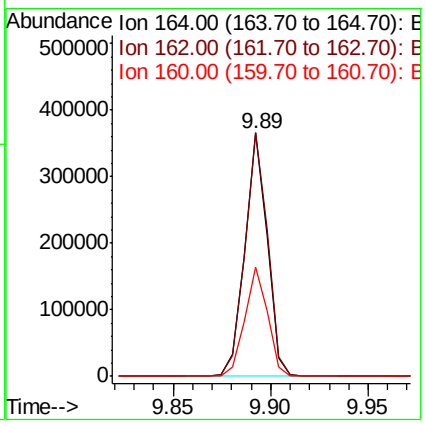


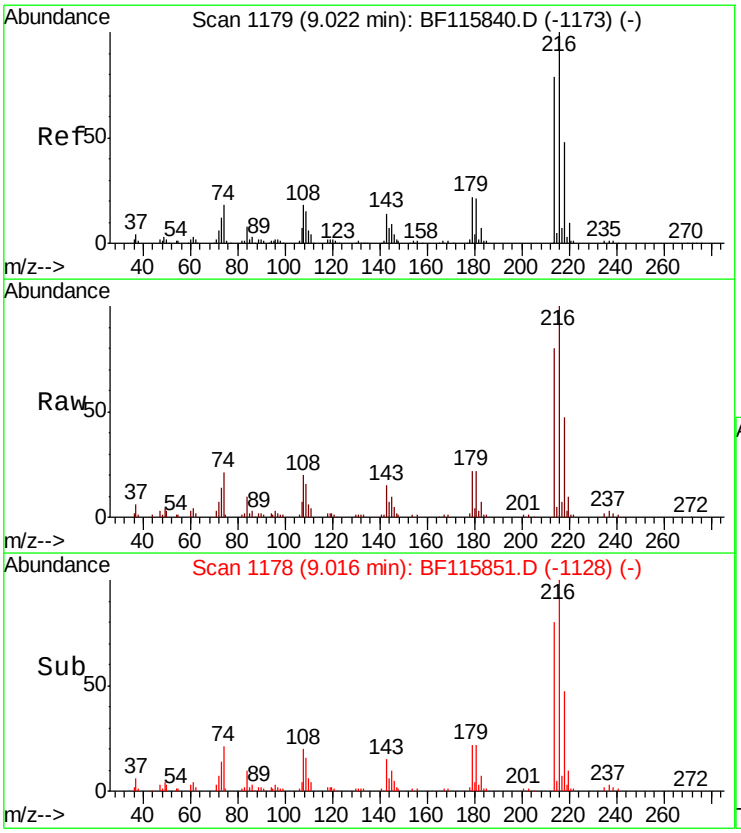

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:164 Resp: 289862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.8 | 121.2 |
| 160 | 45.1 | 36.2 | 54.4 |

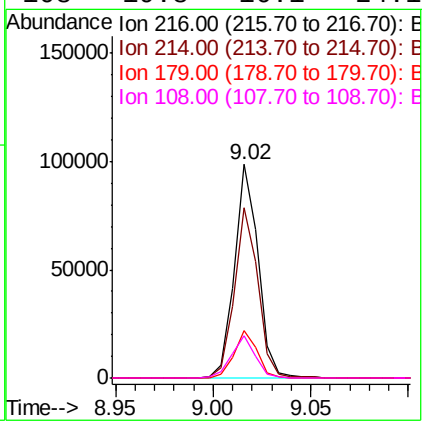


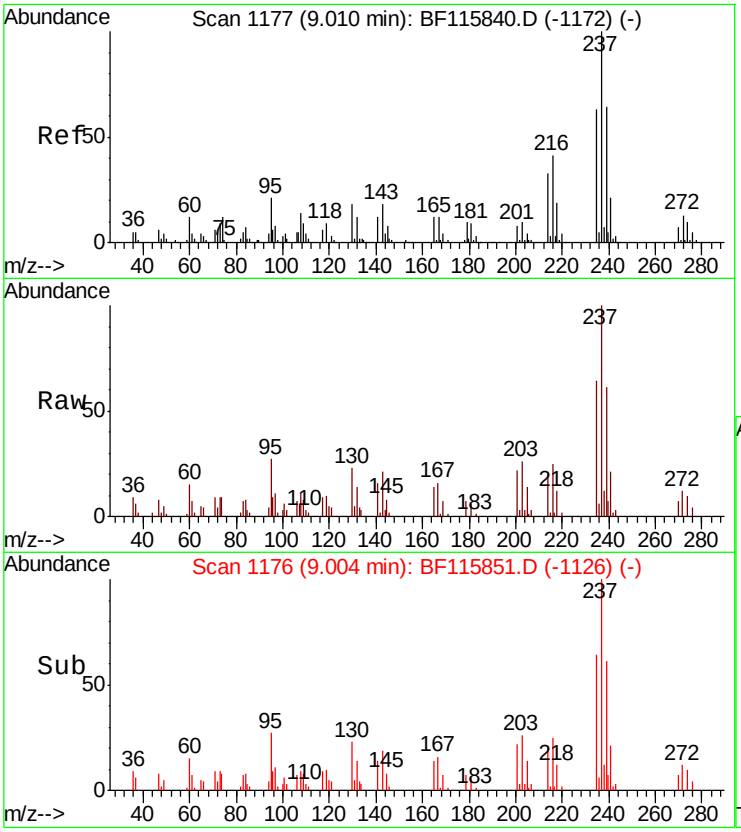




#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.689 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:216 Resp: 82830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 62.8 | 94.2 |
| 179 | 21.6 | 17.6 | 26.4 |
| 108 | 19.8 | 16.1 | 24.1 |



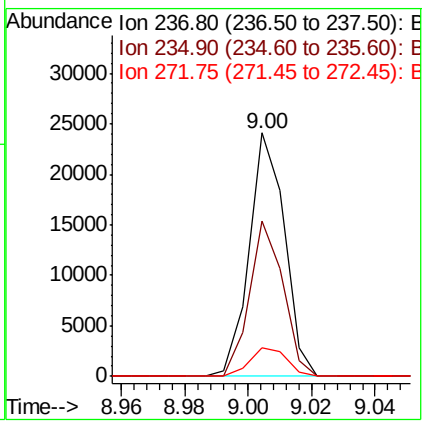


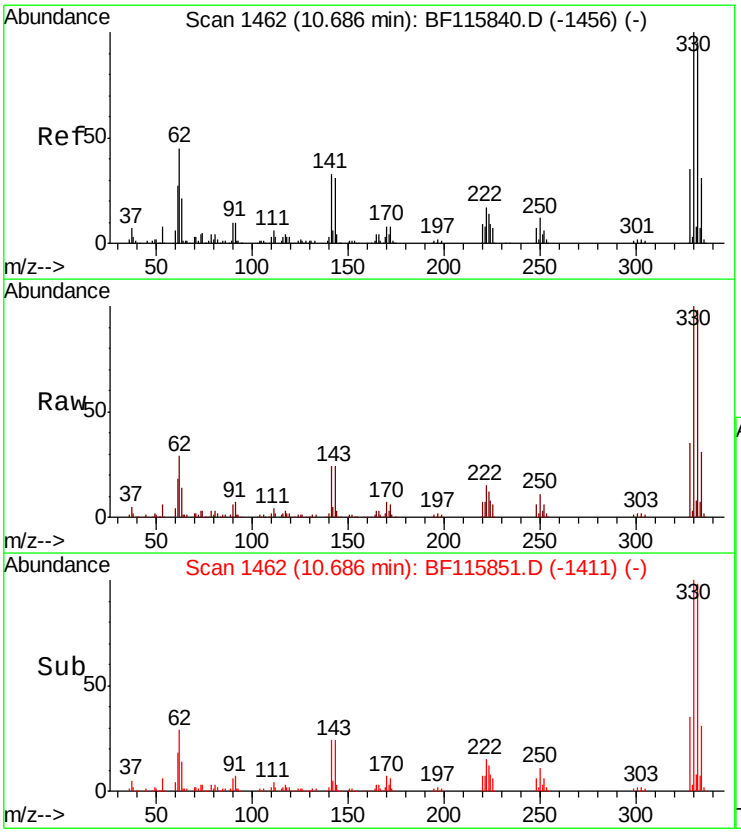

#41
Hexachlorocyclopentadiene
Concen: 6.138 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:237 Resp: 18592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 42.5 | 82.5 |
| 272 | 11.6 | 0.0 | 33.3 |

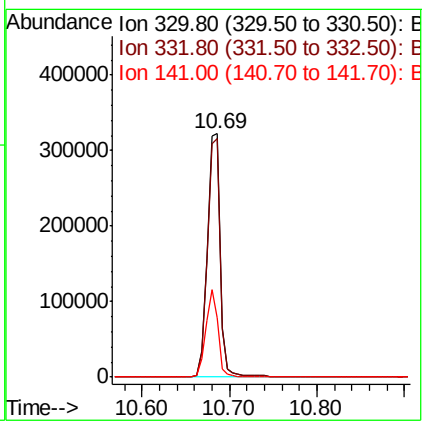


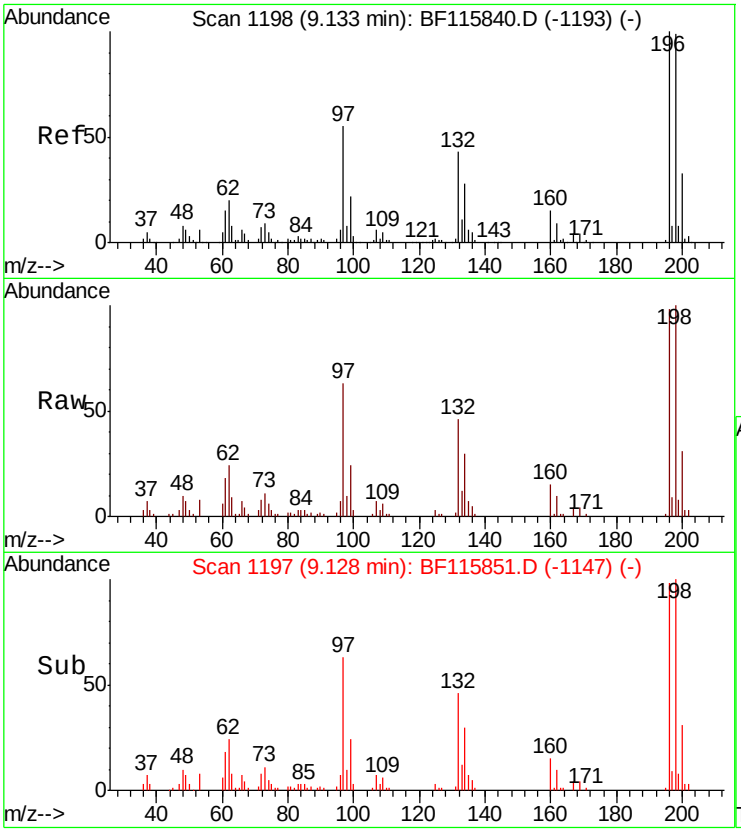




#42
2,4,6-Tribromophenol
Concen: 118.359 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:330 Resp: 332623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.7 | 116.5 |
| 141 | 33.6 | 28.1 | 42.1 |



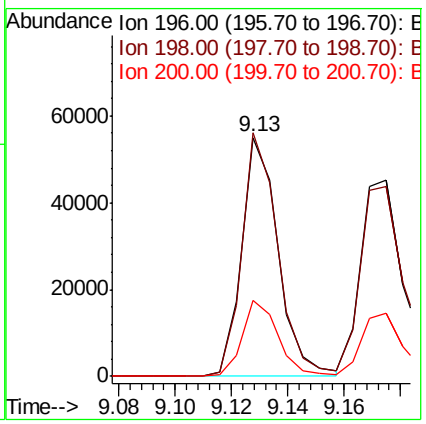


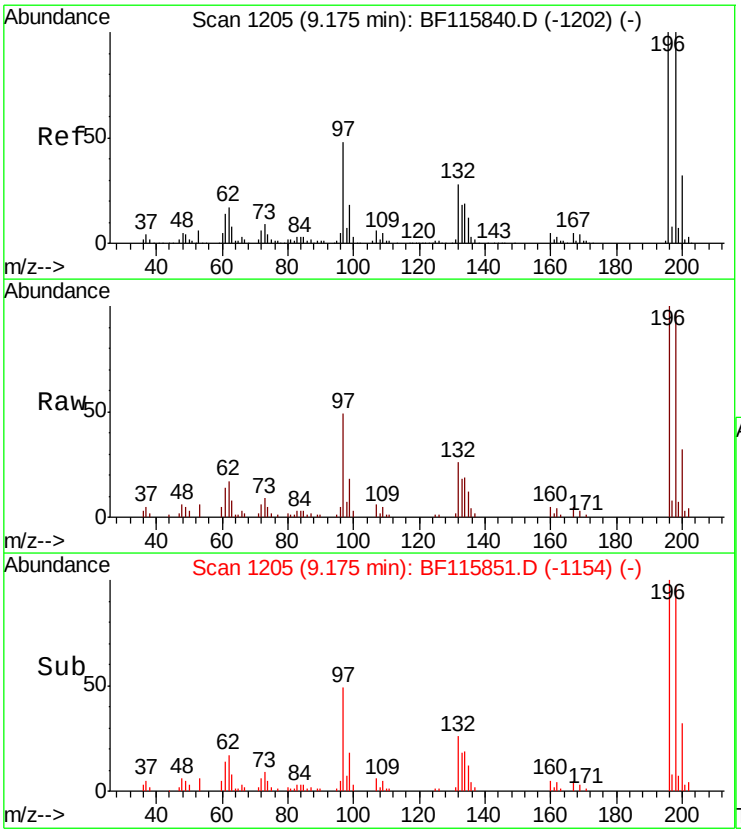

#43
2,4,6-Trichlorophenol
Concen: 9.286 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:196 Resp: 49530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.0 | 79.1 | 118.7 |
| 200 | 32.0 | 26.0 | 39.0 |

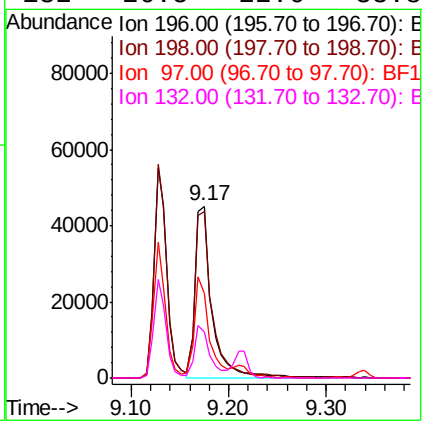


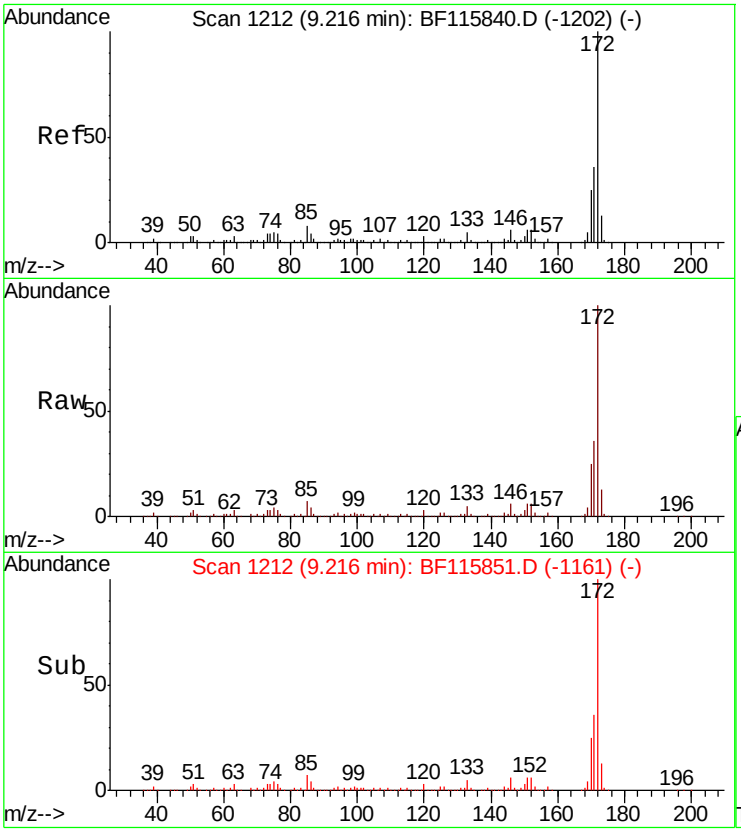




#44
2,4,5-Trichlorophenol
Concen: 9.964 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:196 Resp: 54936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.1 | 80.1 | 120.1 |
| 97 | 49.4 | 38.9 | 58.3 |
| 132 | 26.5 | 22.6 | 33.8 |



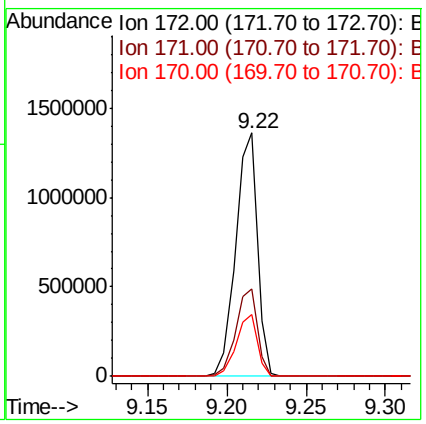


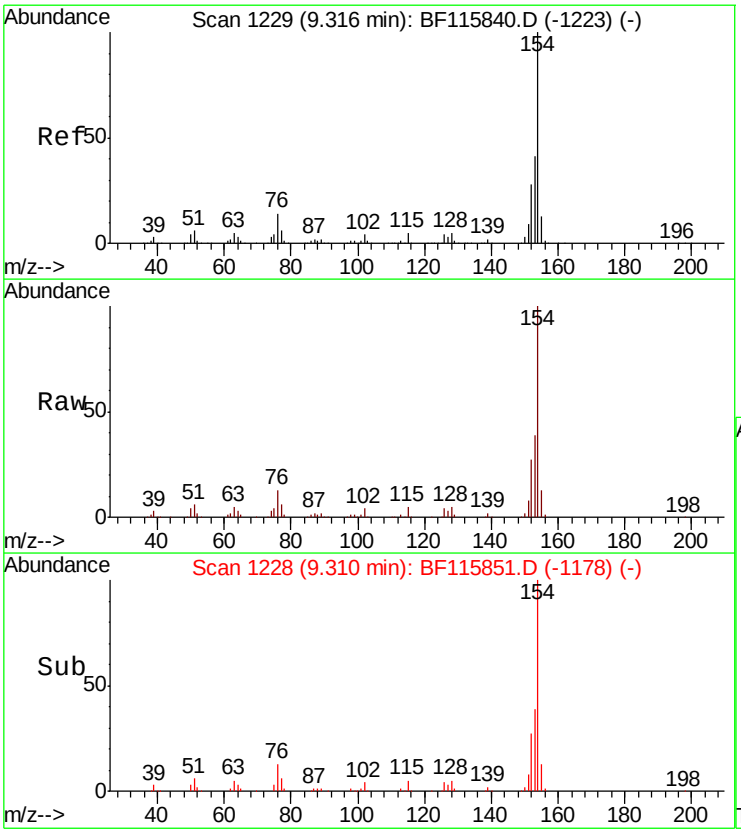

#45
2-Fluorobiphenyl
Concen: 83.335 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:172 Resp: 1289628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.1 | 43.7 |
| 170 | 25.1 | 20.1 | 30.1 |

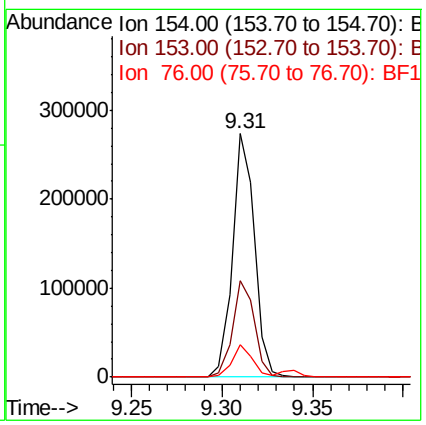


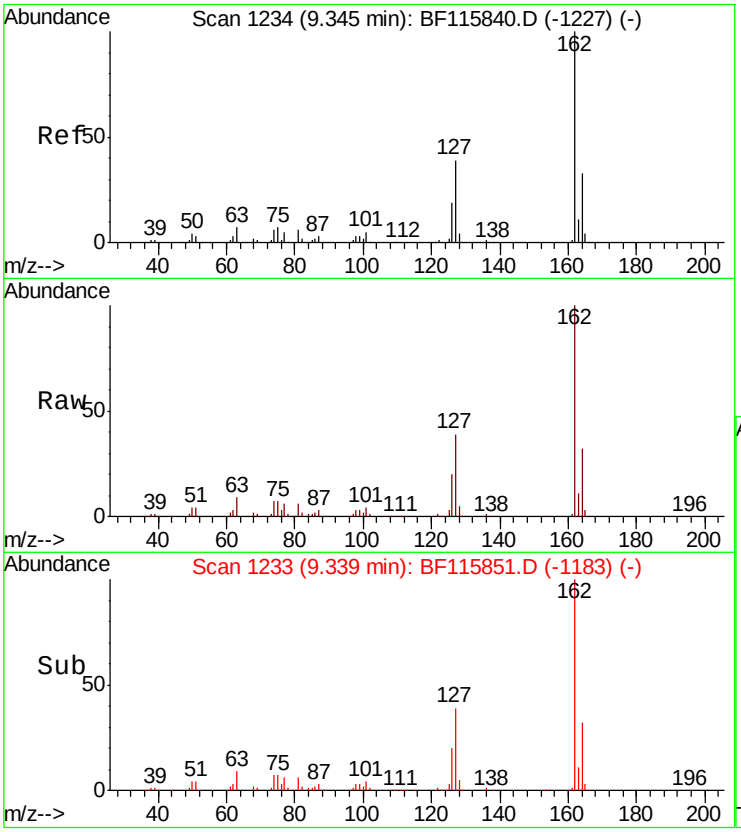




#46
1,1'-Biphenyl
Concen: 11.285 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:154 Resp: 230947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.4 | 20.9 | 60.9 |
| 76 | 13.3 | 0.0 | 34.3 |



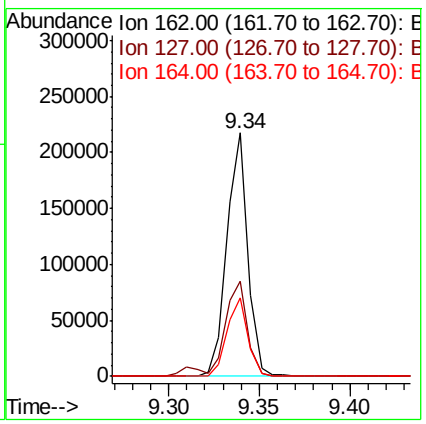


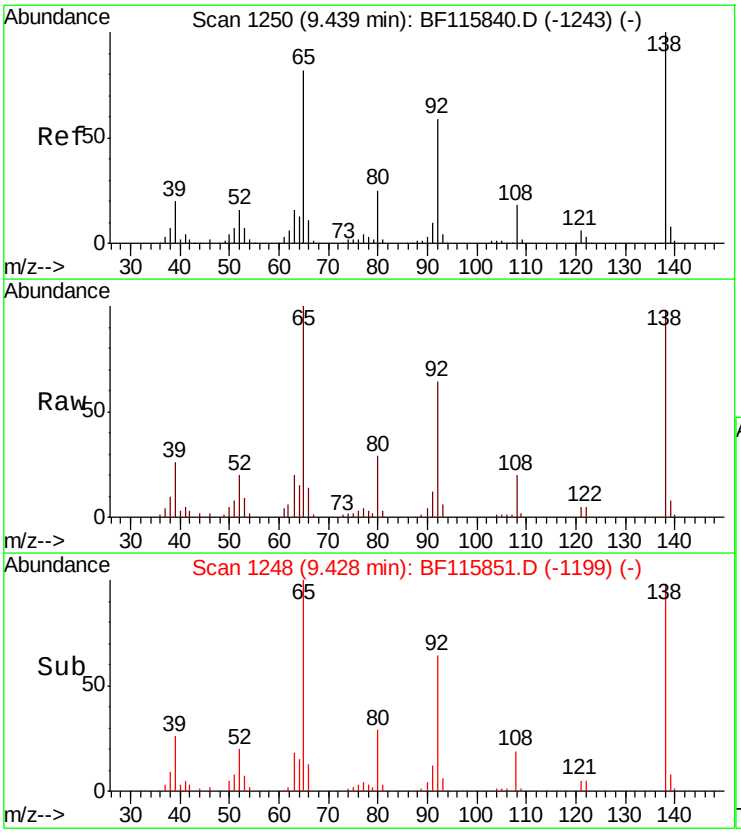

#47
2-Chloronaphthalene
Concen: 10.276 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:162 Resp: 175029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.9 | 31.3 | 46.9 |
| 164 | 32.1 | 26.6 | 40.0 |

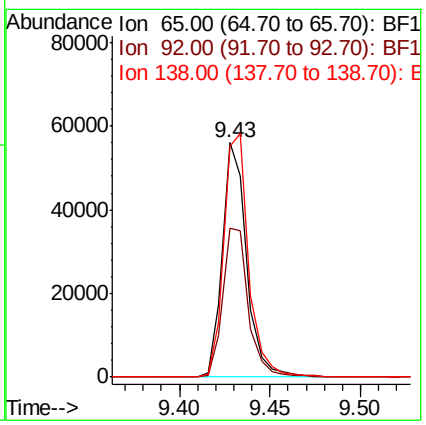


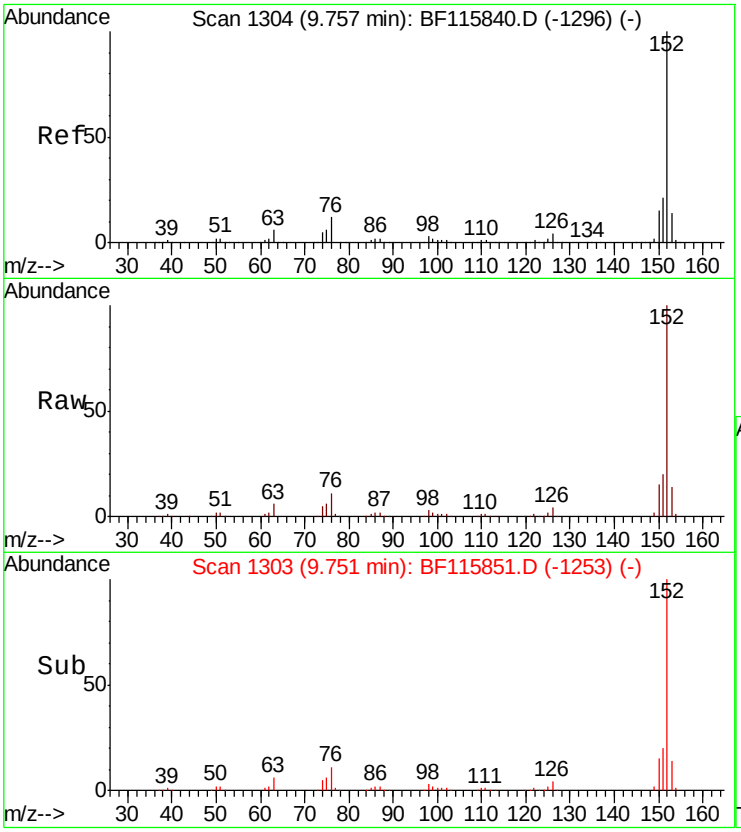




#48
2-Nitroaniline
Concen: 9.275 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 65 Resp: 52218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.6 | 57.1 | 85.7 |
| 138 | 98.5 | 97.1 | 145.7 |



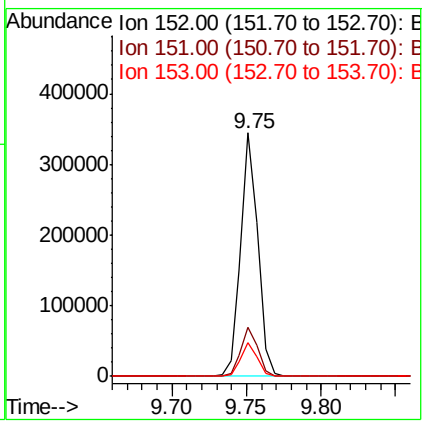


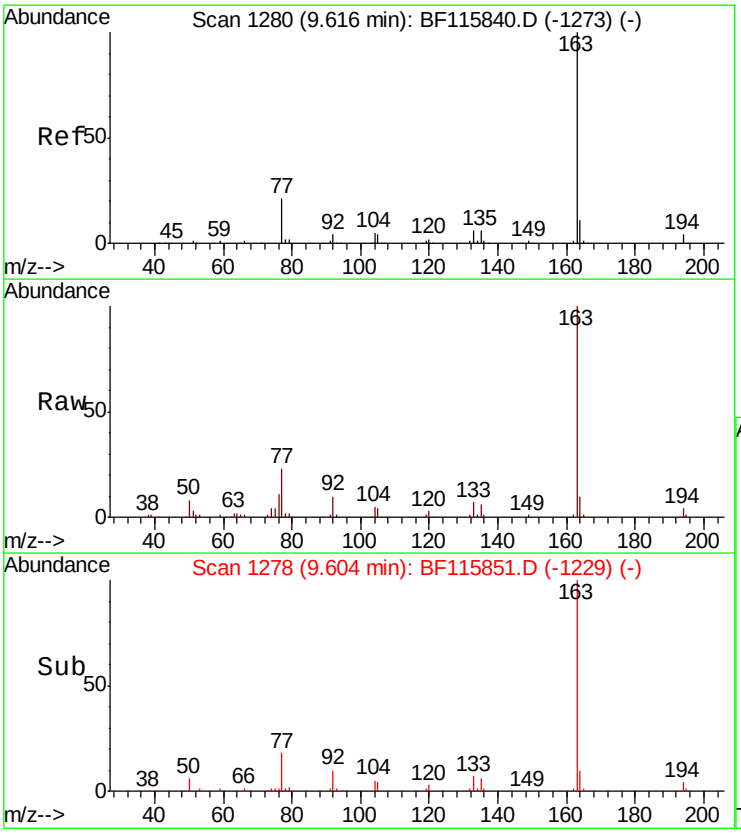

#49
Acenaphthylene
Concen: 11.135 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:152 Resp: 276697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.8 | 25.2 |
| 153 | 13.7 | 11.6 | 17.4 |

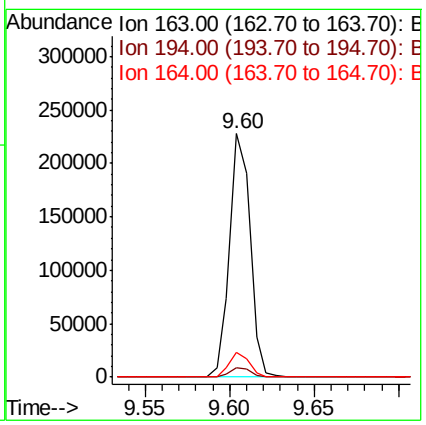


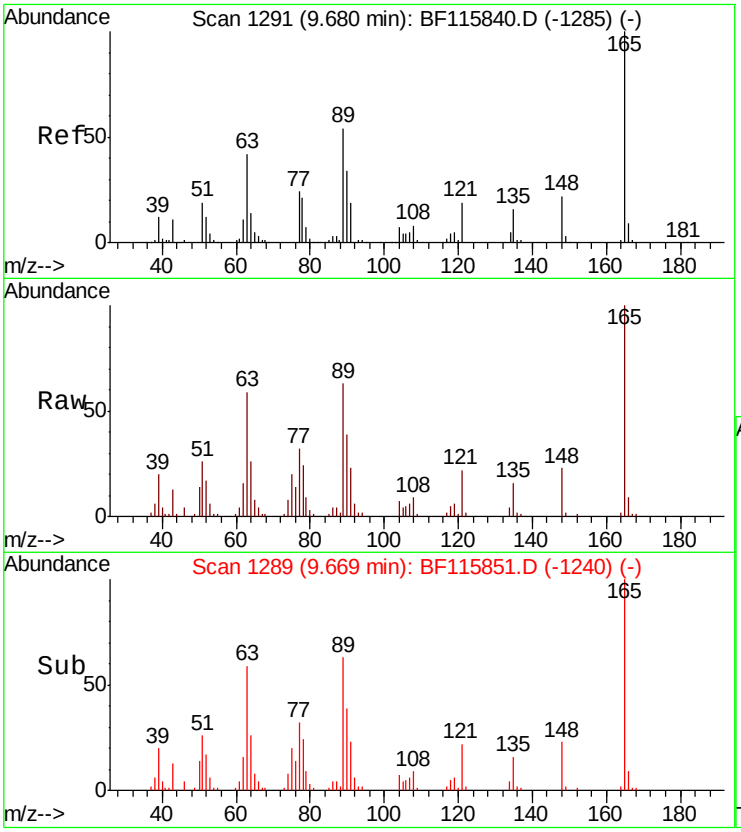




#50
Dimethylphthalate
Concen: 9.759 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:163 Resp: 192607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.6 |
| 164 | 10.2 | 8.4 | 12.6 |



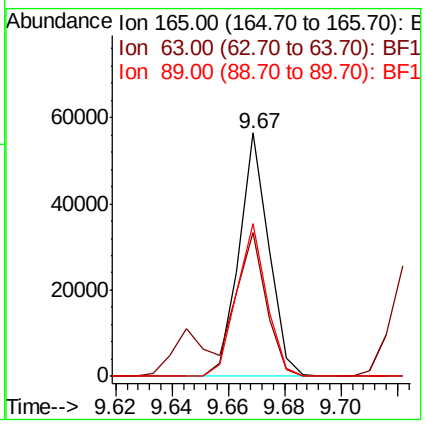


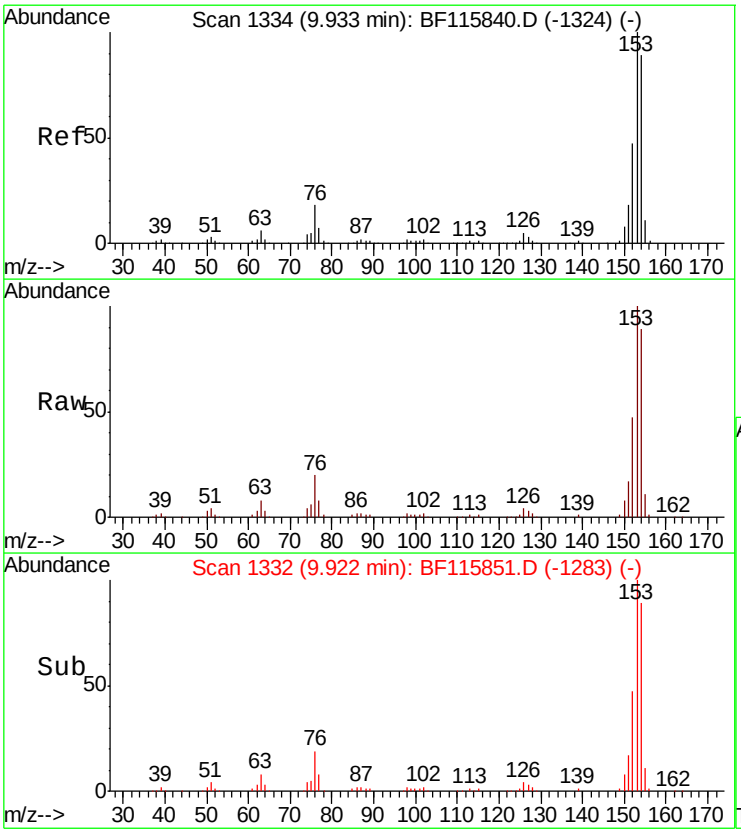

#51
2,6-Dinitrotoluene
Concen: 9.636 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:165 Resp: 41330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.3 | 39.4 | 59.2# |
| 89 | 62.7 | 43.0 | 64.6 |

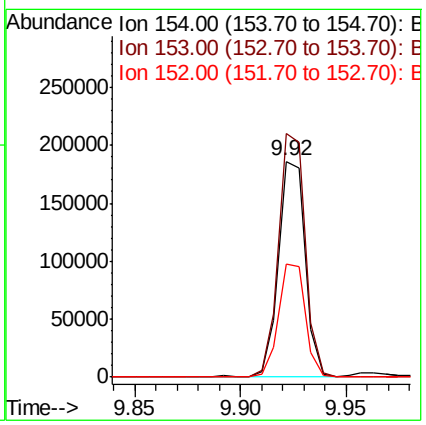


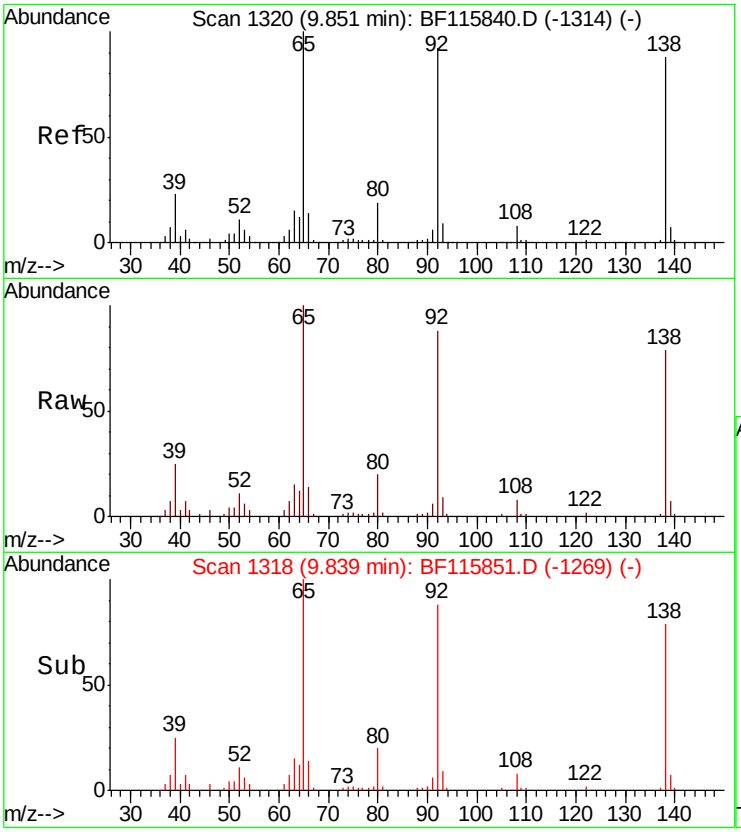




#52
Acenaphthene
Concen: 10.812 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:154 Resp: 164824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.1 | 135.1 |
| 152 | 52.7 | 42.6 | 63.8 |



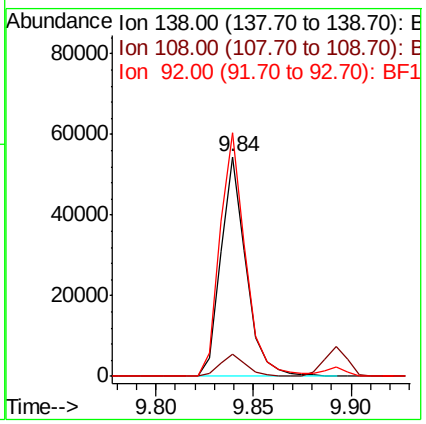


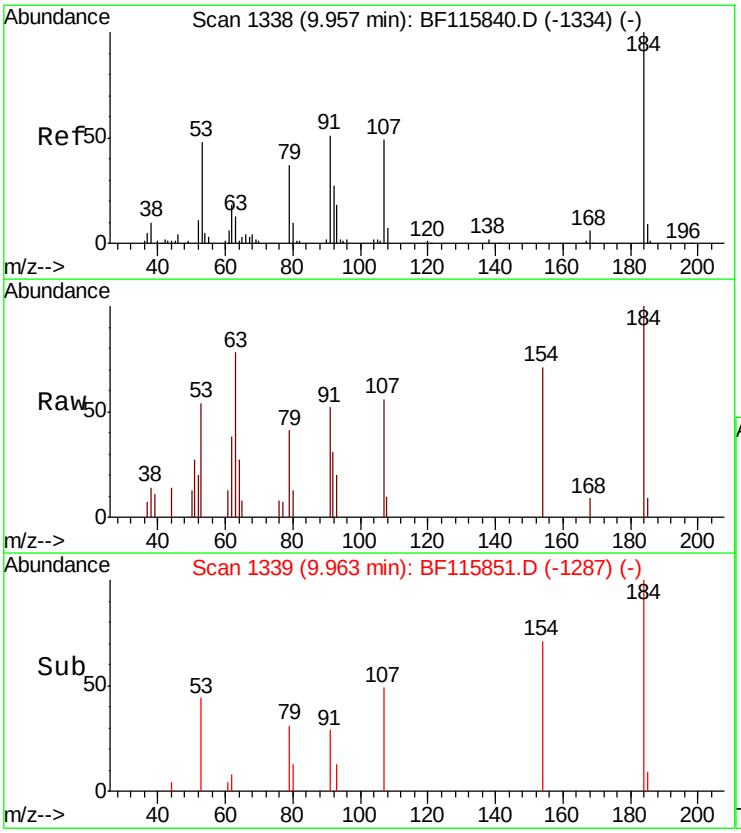

#53
3-Nitroaniline
Concen: 9.179 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:138 Resp: 48645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 7.4 | 11.2 |
| 92 | 111.0 | 83.9 | 125.9 |

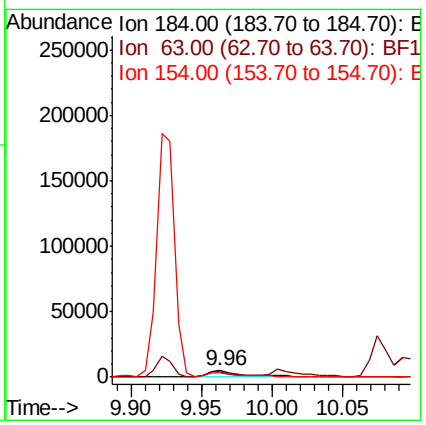


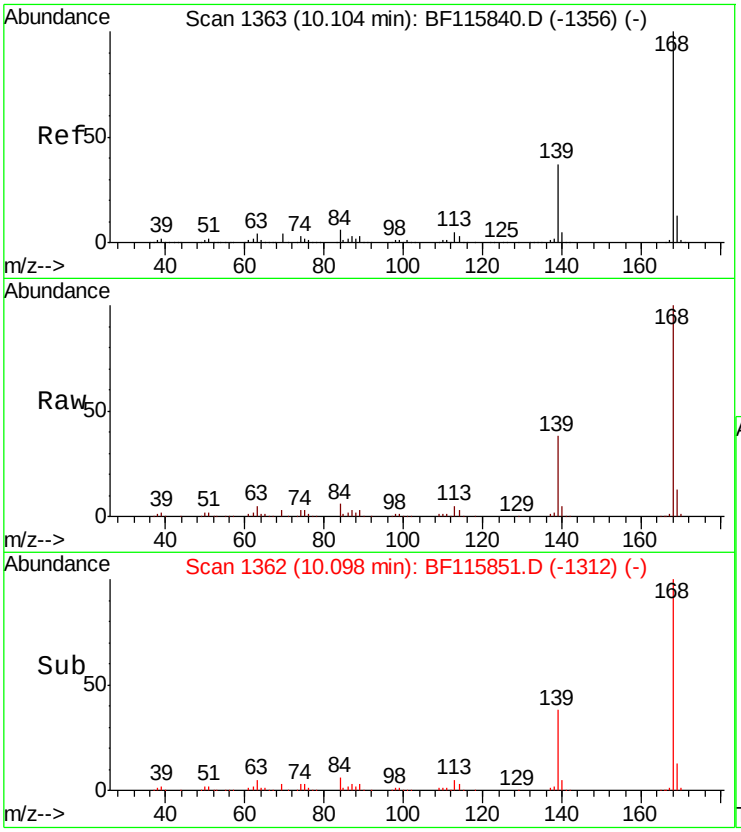




#54
2,4-Dinitrophenol
Concen: 4.900 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:184 Resp: 8924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 77.9 | 56.7 | 85.1 |
| 154 | 70.7 | 51.9 | 77.9 |



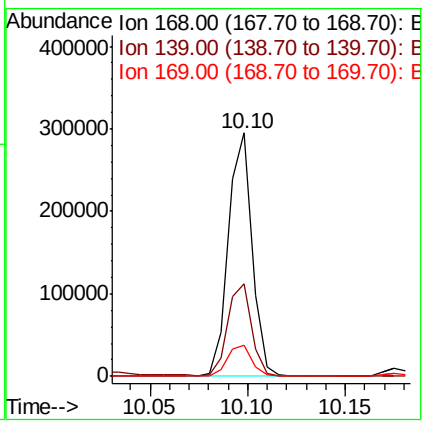


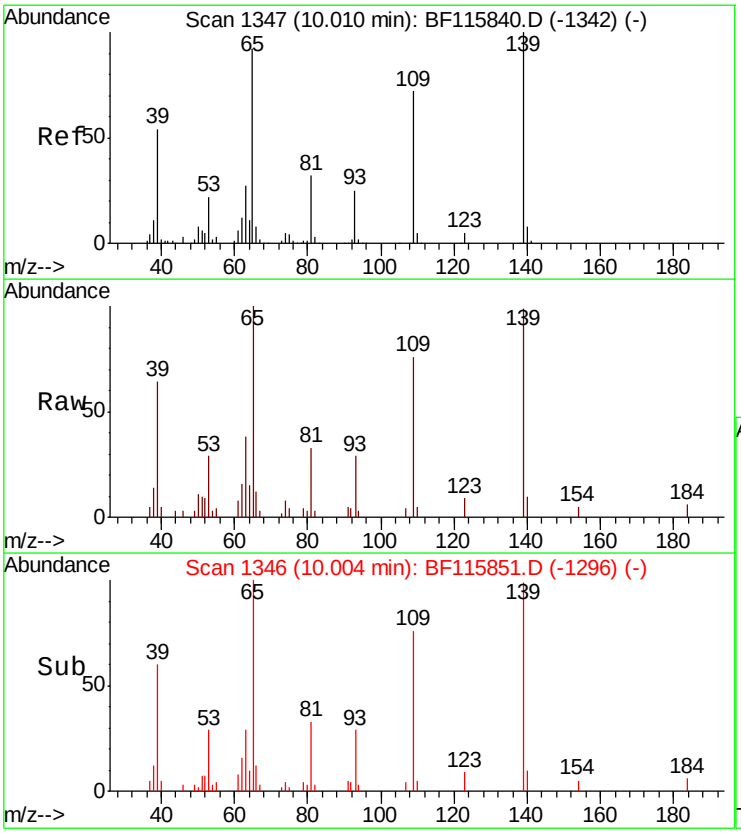

#55
Dibenzofuran
Concen: 11.202 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:168 Resp: 248332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.8 | 30.2 | 45.2 |
| 169 | 13.0 | 10.8 | 16.2 |

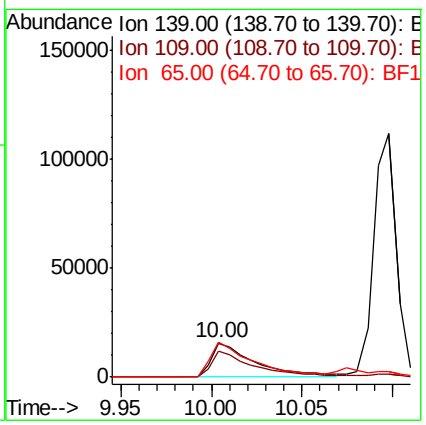


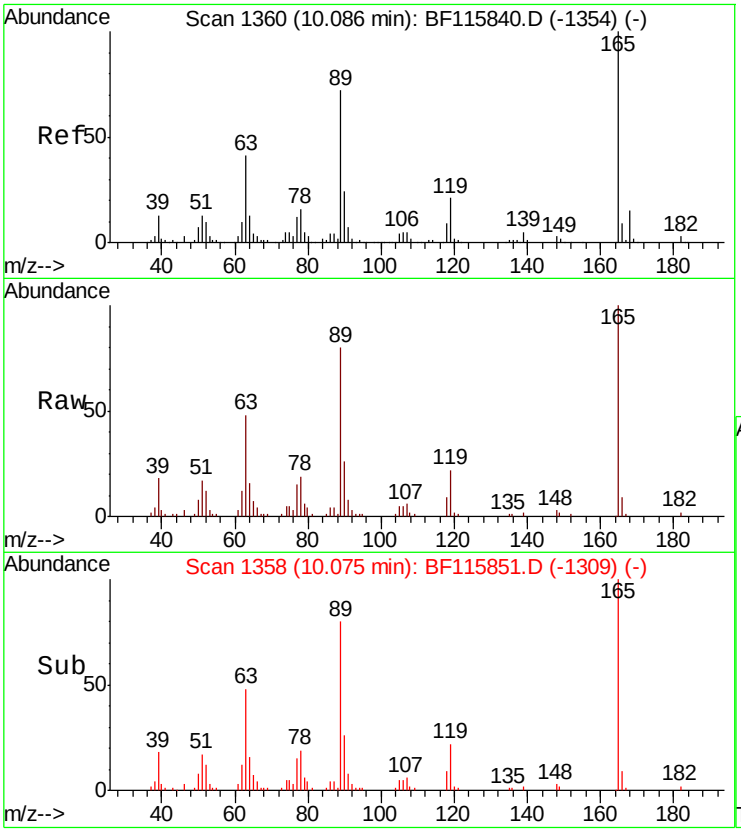




#56
4-Nitrophenol
Concen: 7.812 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:139 Resp: 26523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 76.3 | 52.0 | 92.0 |
| 65 | 100.9 | 72.6 | 112.6 |



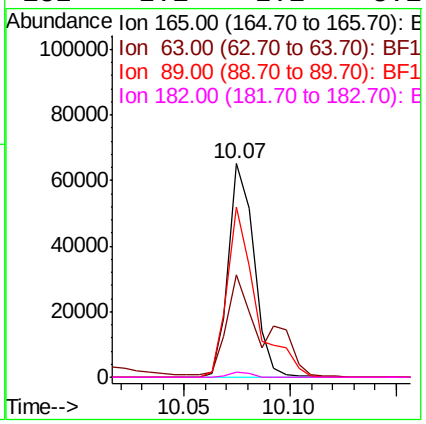


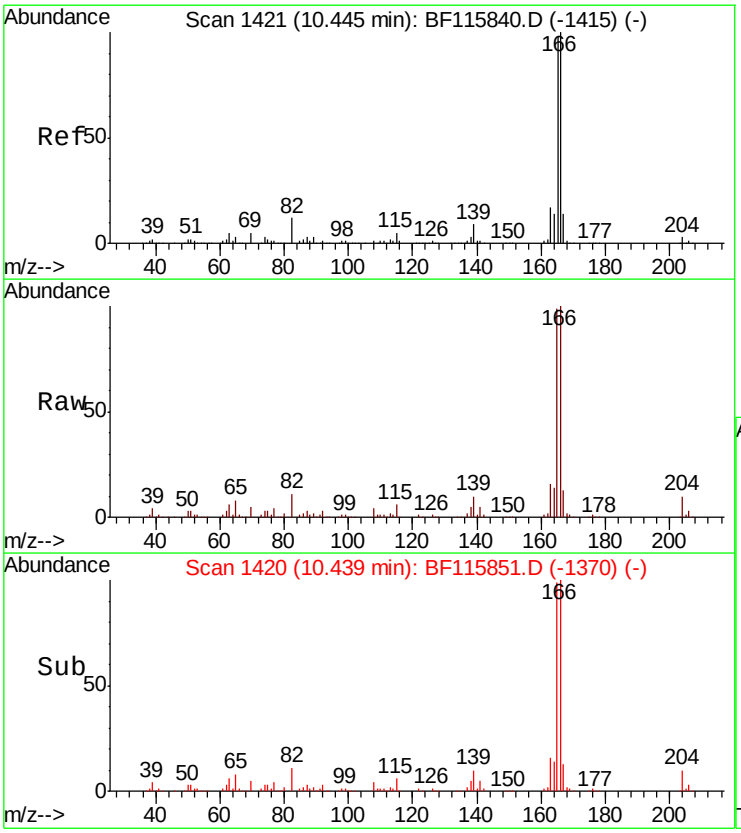

#57
2,4-Dinitrotoluene
Concen: 9.555 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:165 Resp: 54566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.2 | 33.2 | 49.8 |
| 89 | 79.8 | 57.3 | 85.9 |
| 182 | 2.1 | 2.1 | 3.1 |

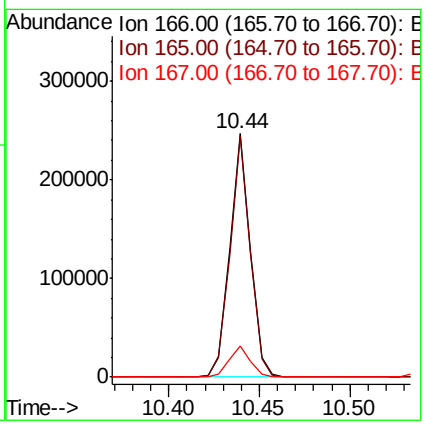


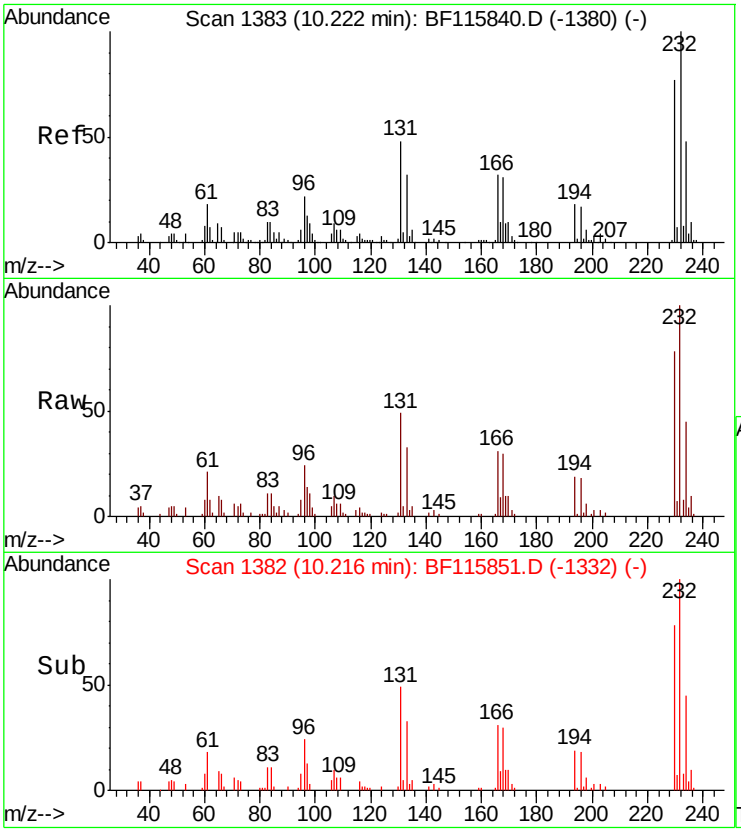




#58
Fluorene
Concen: 11.399 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:166 Resp: 194418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.9 | 78.6 | 118.0 |
| 167 | 12.8 | 10.9 | 16.3 |



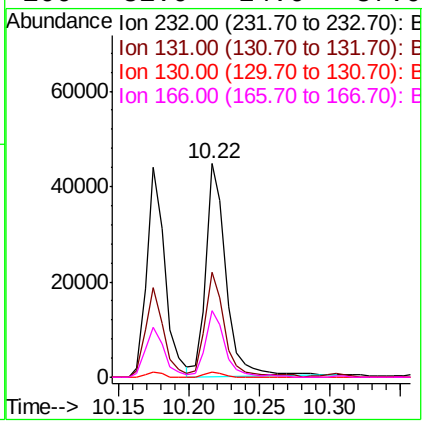


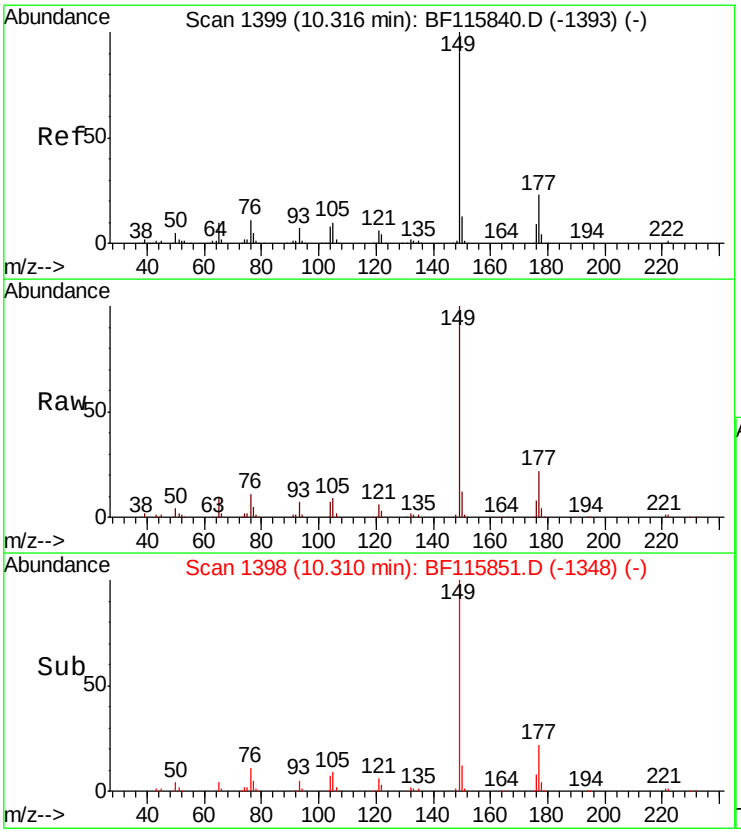

#59
2,3,4,6-Tetrachlorophenol
Concen: 9.519 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:232 Resp: 44157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.1 | 37.6 | 56.4 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 31.0 | 24.6 | 37.0 |

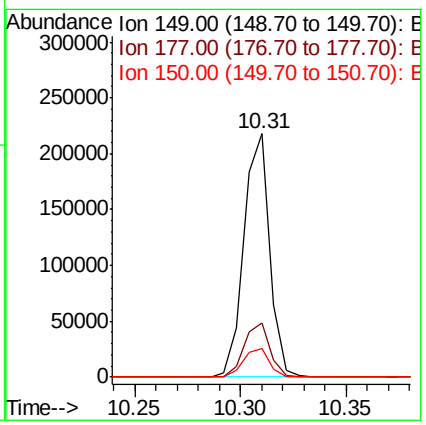


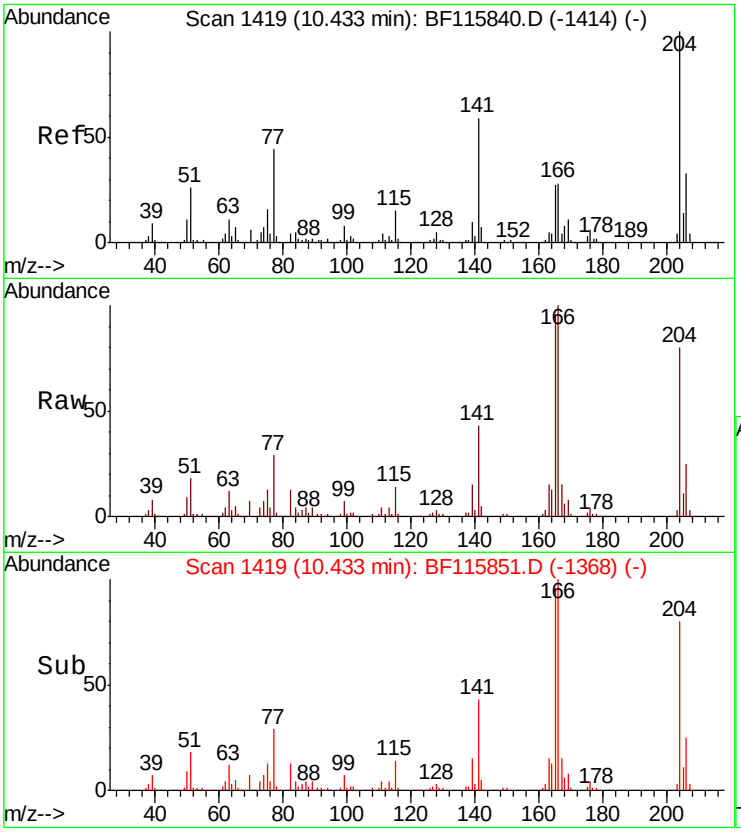




#60
Diethylphthalate
Concen: 9.993 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:149 Resp: 184134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 18.4 | 27.6 |
| 150 | 11.8 | 10.1 | 15.1 |



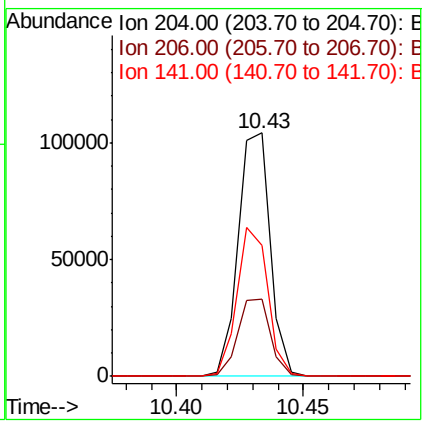


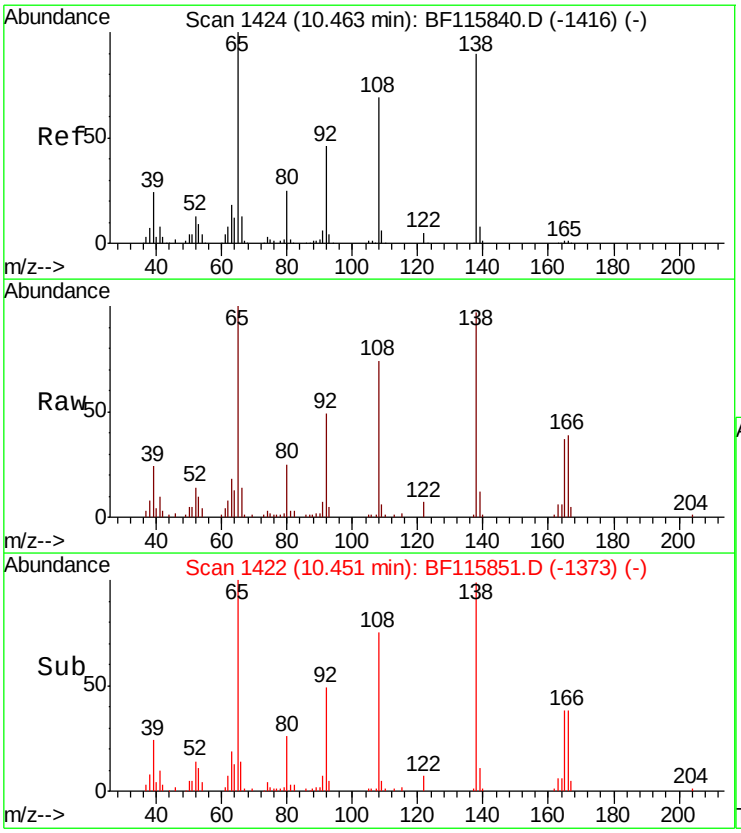

#61
4-Chlorophenyl-phenylether
Concen: 10.599 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:204 Resp: 91553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.5 | 26.4 | 39.6 |
| 141 | 53.6 | 47.0 | 70.4 |

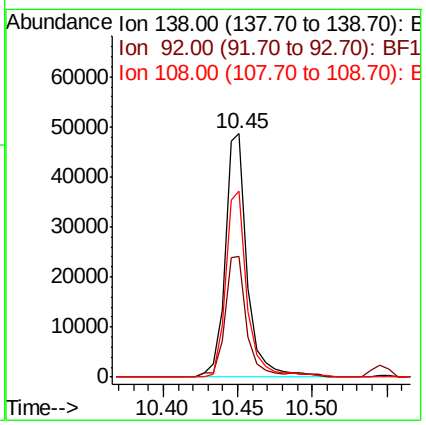


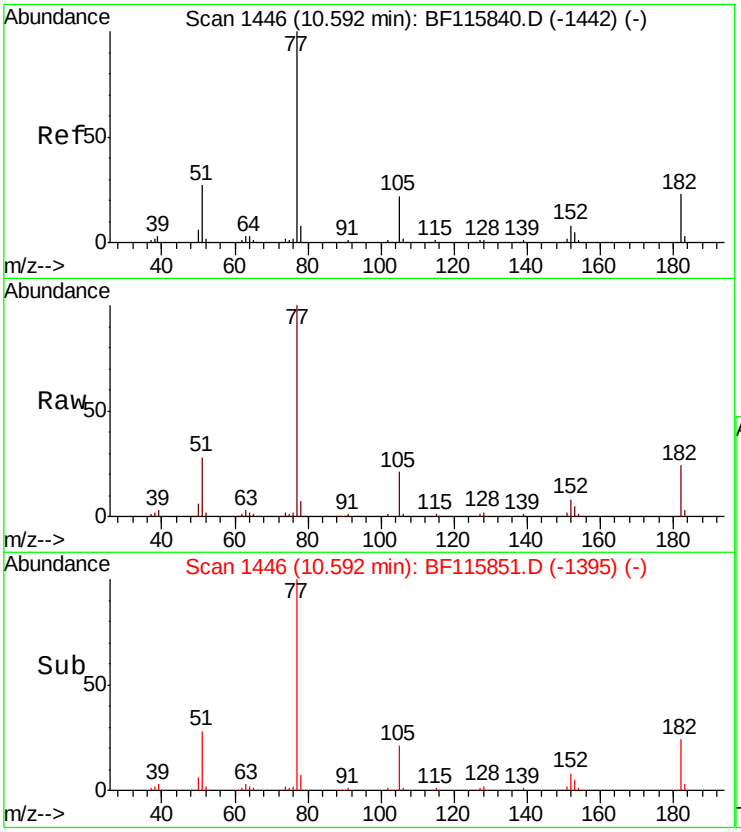




#62
4-Nitroaniline
Concen: 9.276 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:138 Resp: 50805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.8 | 31.0 | 71.0 |
| 108 | 76.3 | 56.7 | 96.7 |



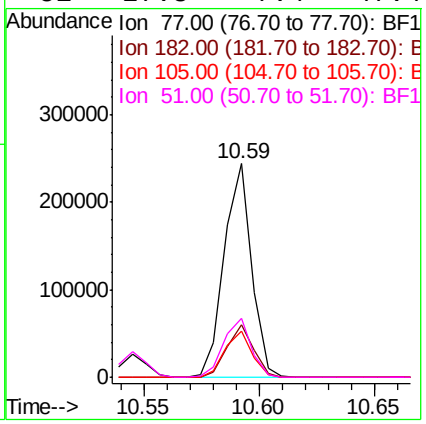


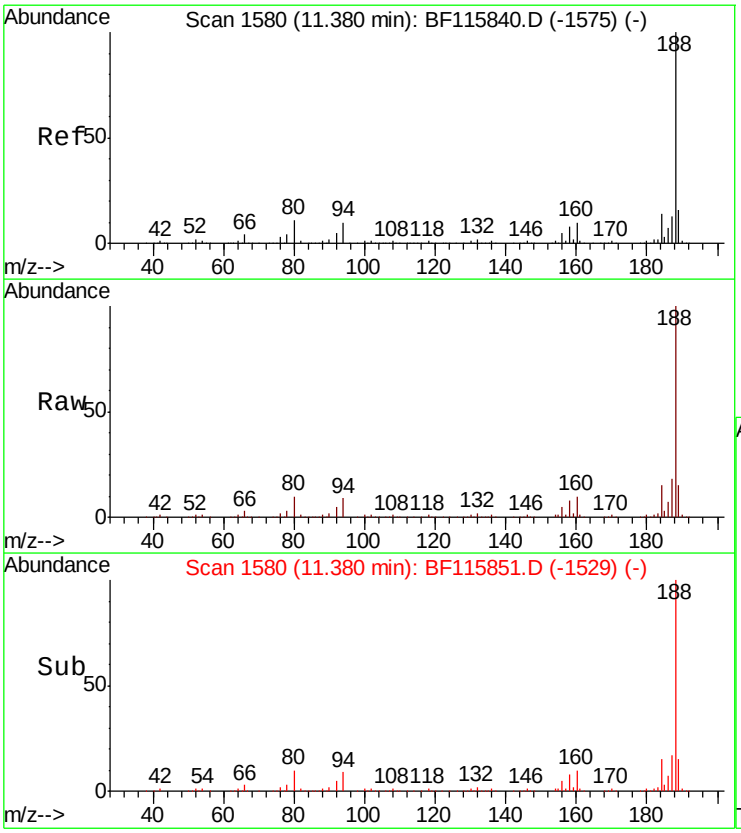

#63
Azobenzene
Concen: 10.593 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion: 77 Resp: 200775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.5 | 2.6 | 42.6 |
| 105 | 21.4 | 1.6 | 41.6 |
| 51 | 27.8 | 7.4 | 47.4 |

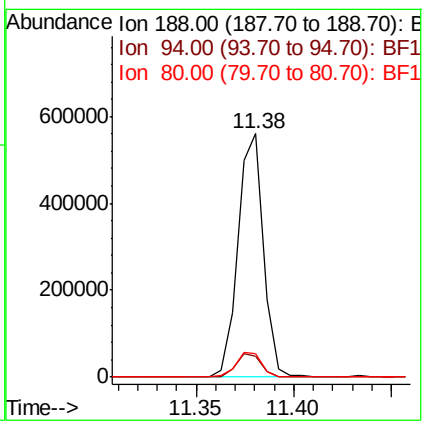


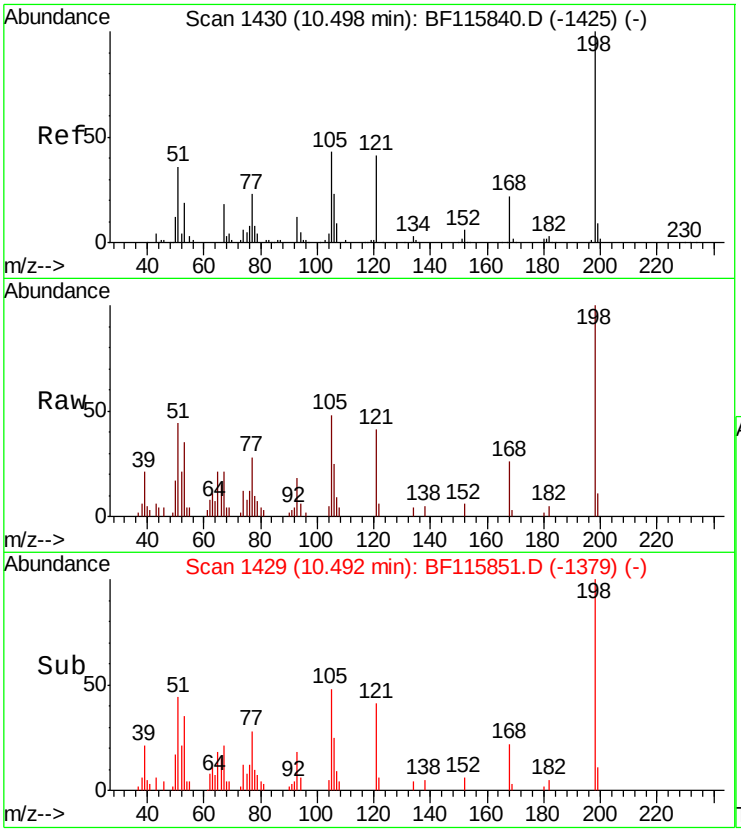




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:188 Resp: 504470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 8.0 | 12.0 |
| 80 | 9.6 | 8.6 | 12.8 |



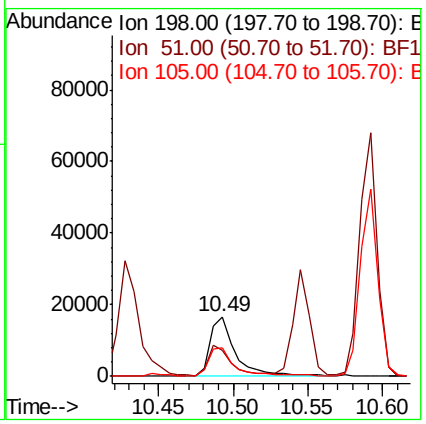


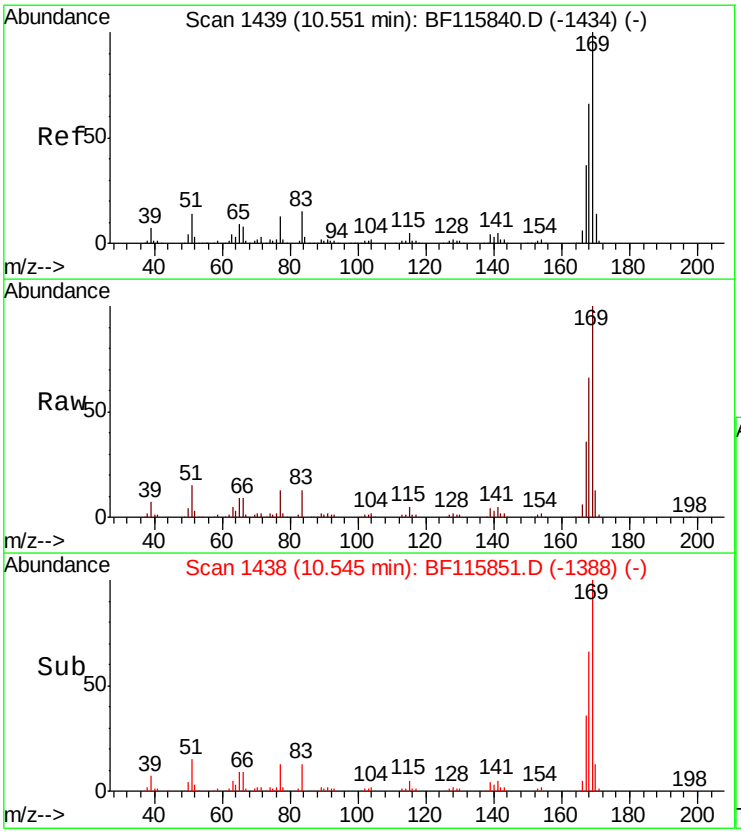

#65
4,6-Dinitro-2-methylphenol
Concen: 7.341 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:198 Resp: 19626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.7 | 21.1 | 61.1 |
| 105 | 48.1 | 24.5 | 64.5 |

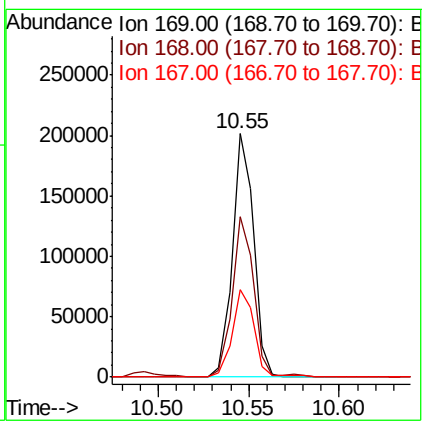


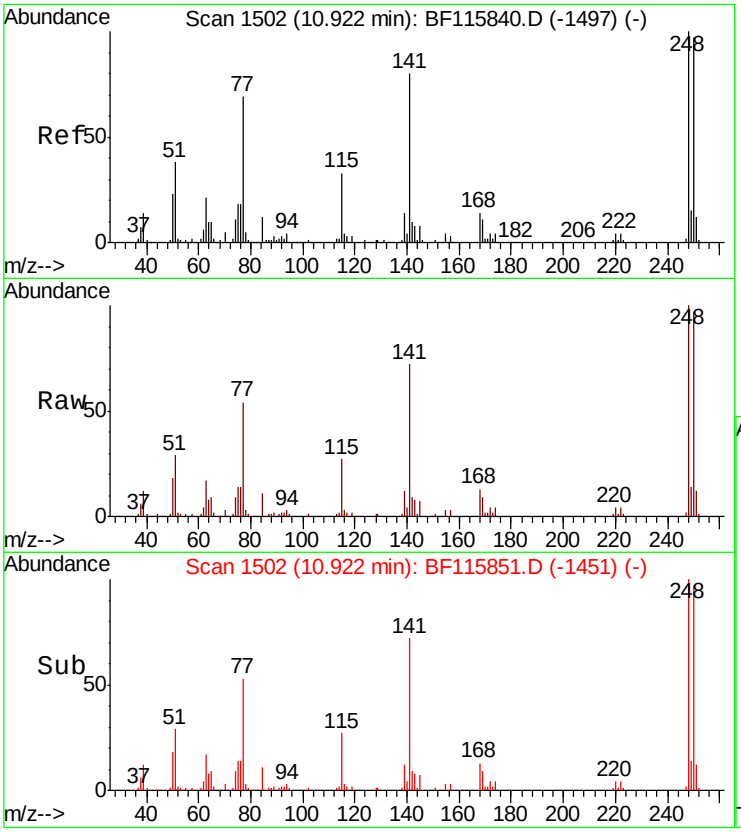




#66
n-Nitrosodiphenylamine
Concen: 10.879 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:169 Resp: 165183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 53.0 | 79.6 |
| 167 | 35.9 | 29.9 | 44.9 |



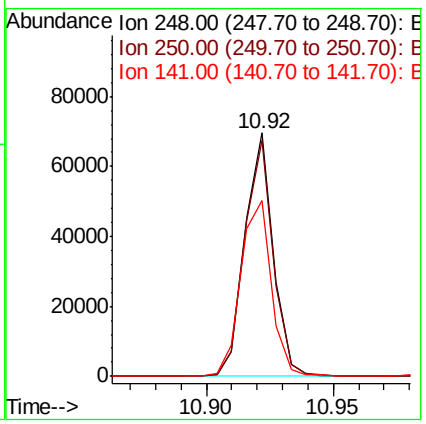


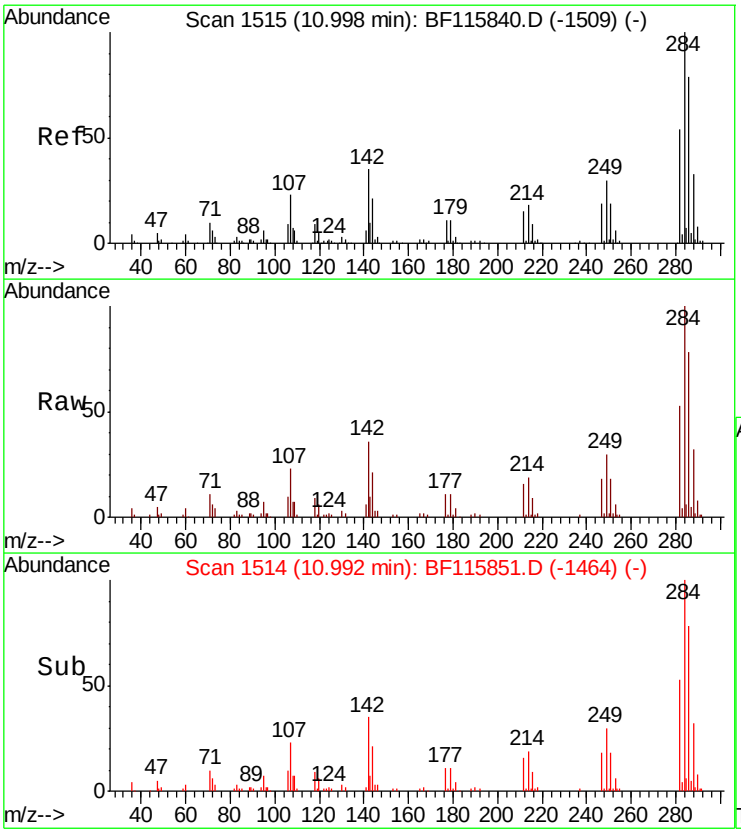

#67
4-Bromophenyl-phenylether
Concen: 10.027 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:248 Resp: 54151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 77.8 | 116.6 |
| 141 | 72.2 | 64.3 | 96.5 |

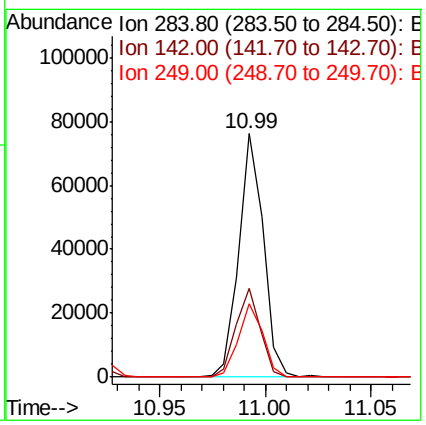


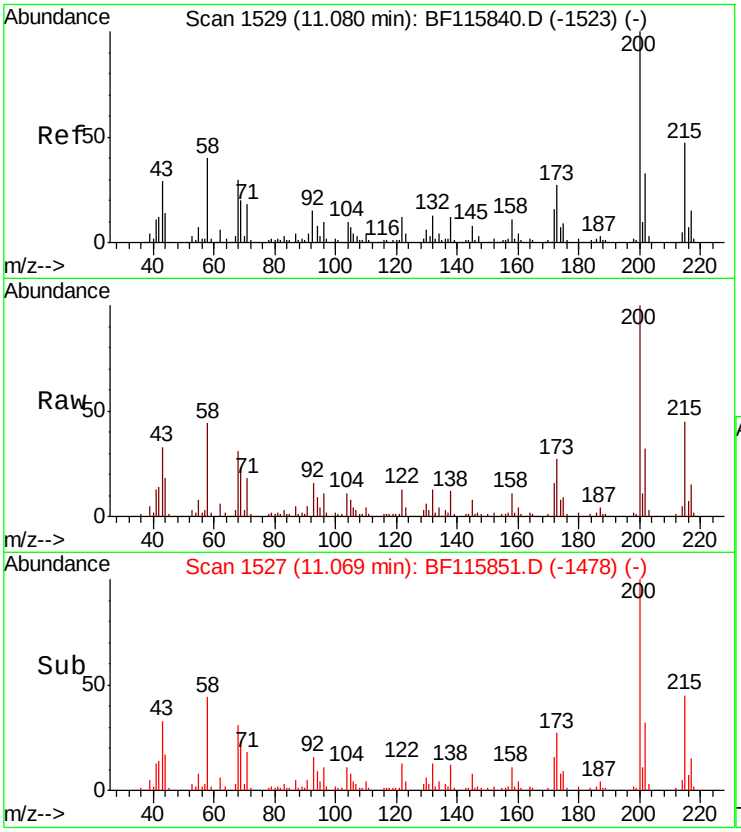




#68
Hexachlorobenzene
Concen: 9.790 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:284 Resp: 61132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.4 | 28.2 | 42.2 |
| 249 | 29.9 | 24.0 | 36.0 |



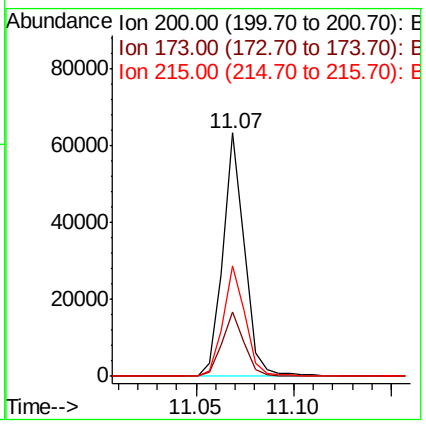


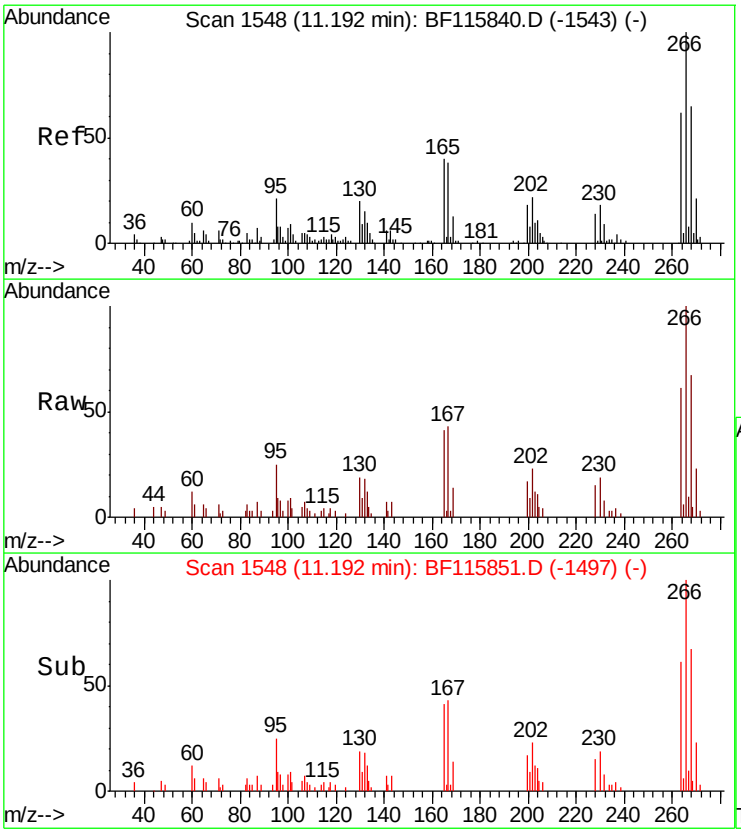

#69
Atrazine
Concen: 9.749 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:200 Resp: 48697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 7.3 | 47.3 |
| 215 | 45.4 | 26.9 | 66.9 |

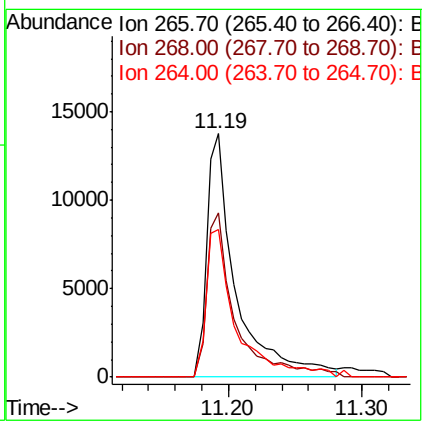


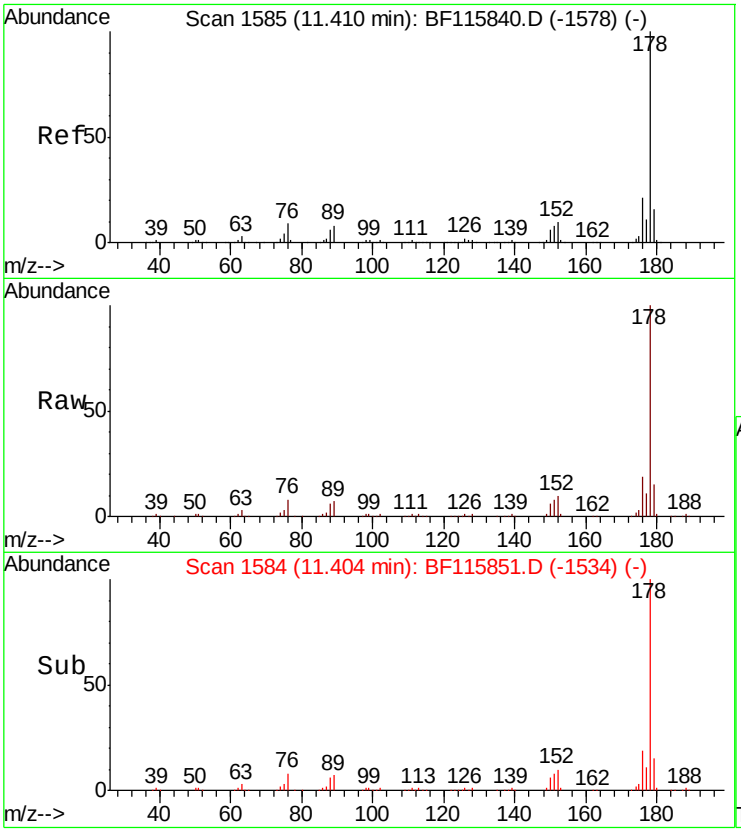




#70
Pentachlorophenol
Concen: 6.945 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:266 Resp: 21056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 71.9 | 51.6 | 77.4 |
| 264 | 60.6 | 49.4 | 74.0 |



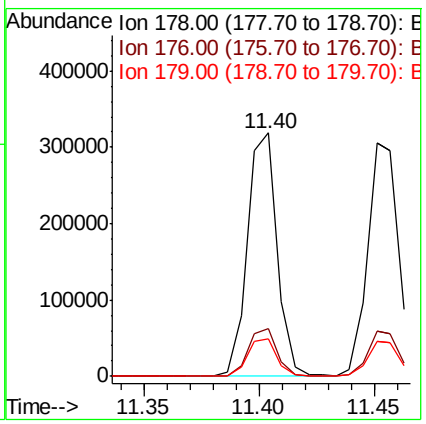


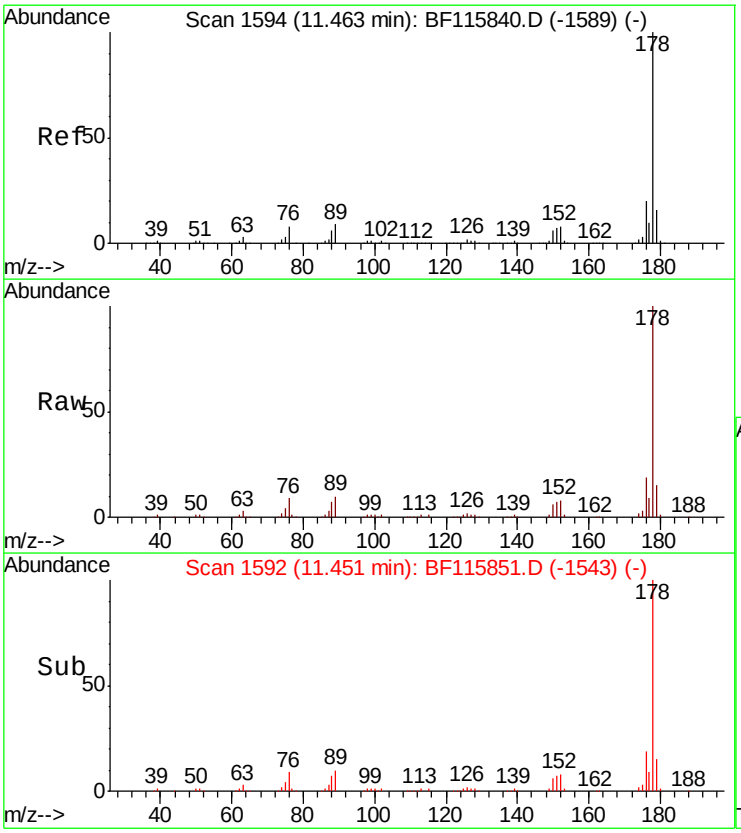

#71
Phenanthrene
Concen: 11.171 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:178 Resp: 288093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.5 | 24.7 |
| 179 | 15.2 | 12.6 | 18.8 |

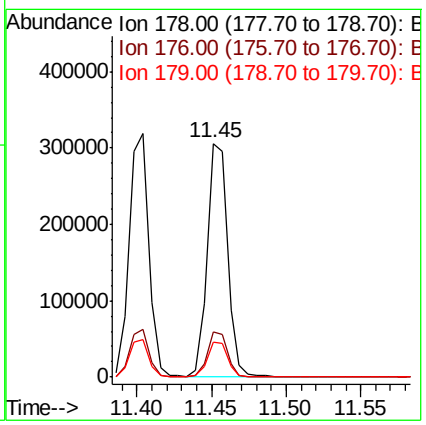


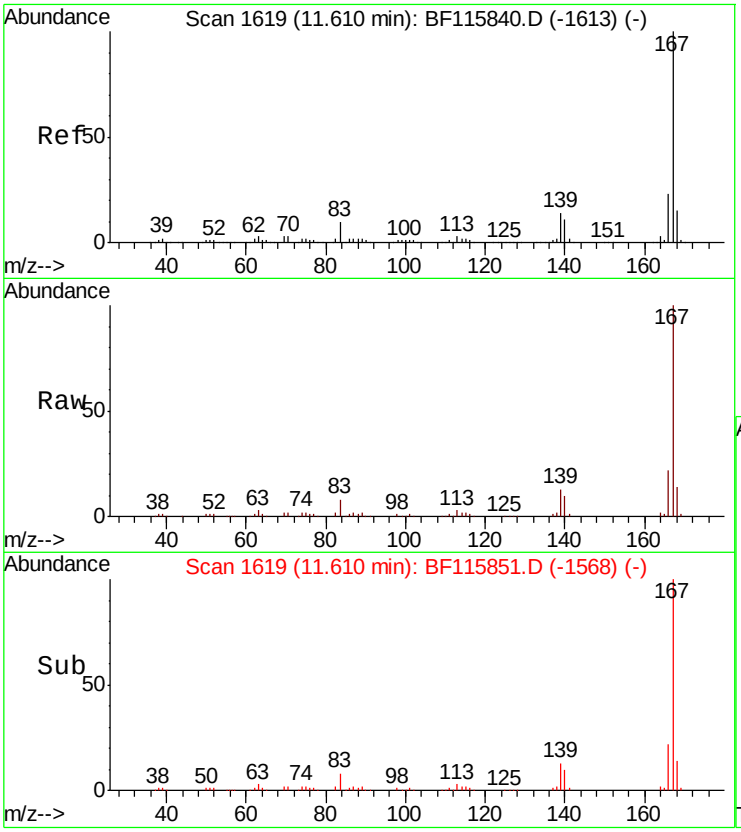




#72
Anthracene
Concen: 11.146 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:178 Resp: 290921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.7 | 23.5 |
| 179 | 15.2 | 12.4 | 18.6 |



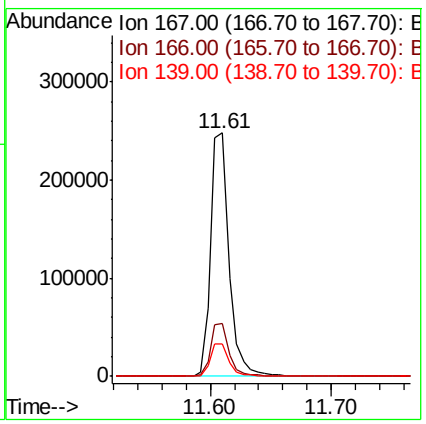


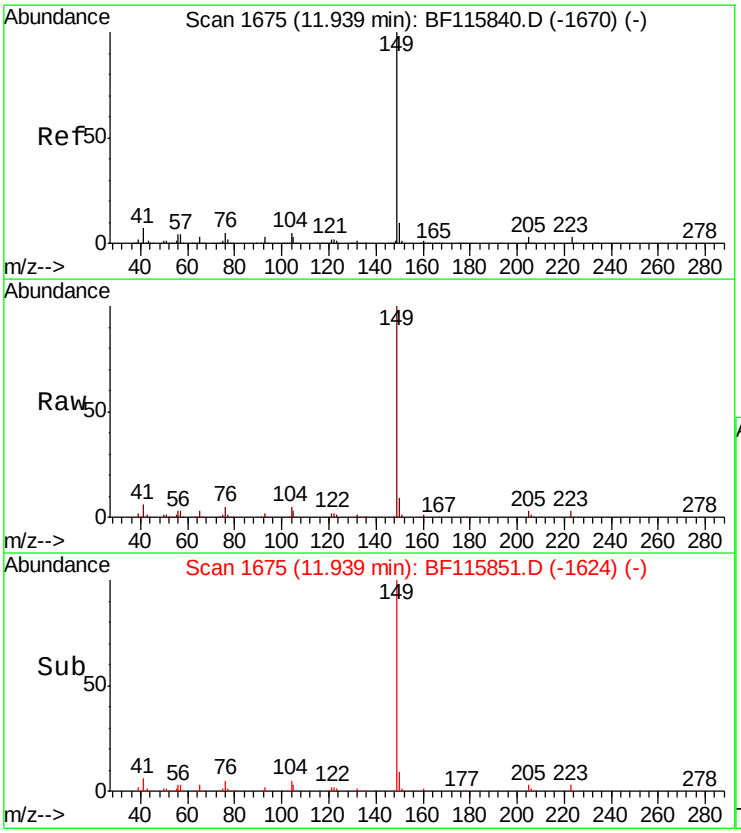

#73
Carbazole
Concen: 10.966 ng
RT: 11.61 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:167 Resp: 259678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 18.0 | 27.0 |
| 139 | 13.1 | 11.4 | 17.2 |

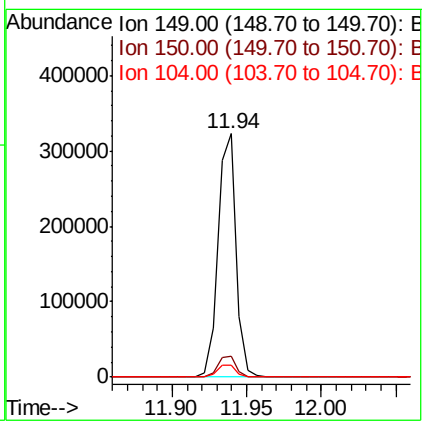


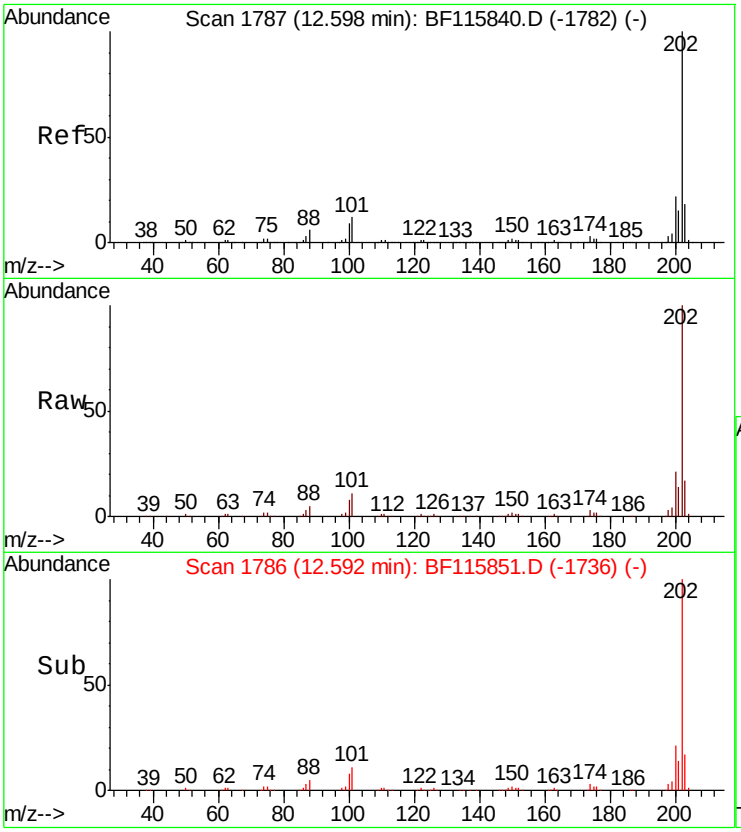




#74
Di-n-butylphthalate
Concen: 9.920 ng
RT: 11.94 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:149 Resp: 274030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.7 | 11.5 |
| 104 | 4.7 | 4.3 | 6.5 |



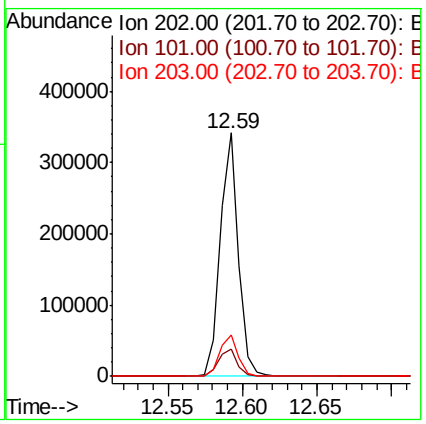


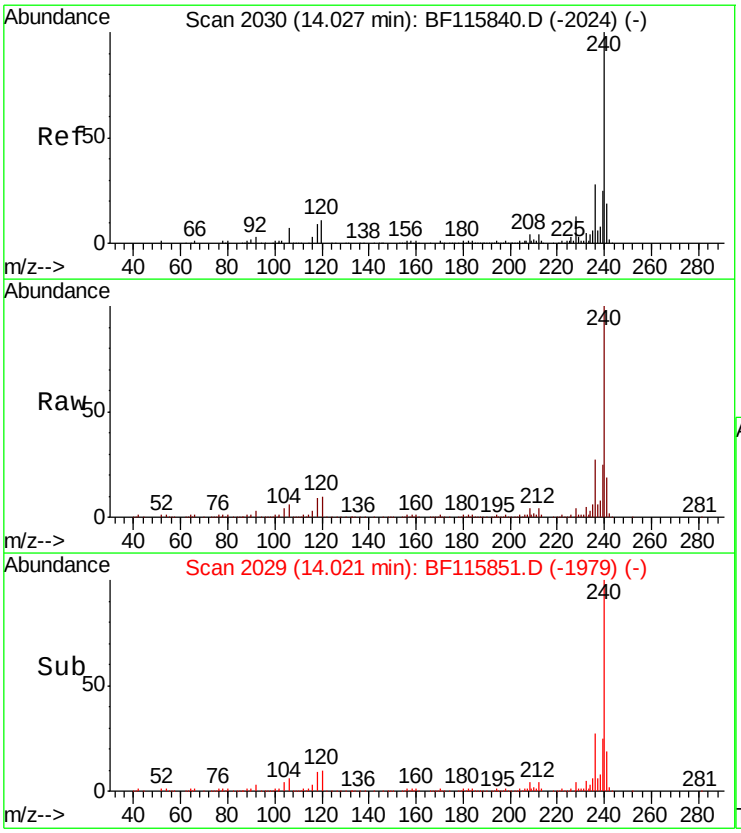

#75
Fluoranthene
Concen: 10.880 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:202 Resp: 293753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 0.0 | 31.5 |
| 203 | 17.1 | 0.0 | 37.9 |

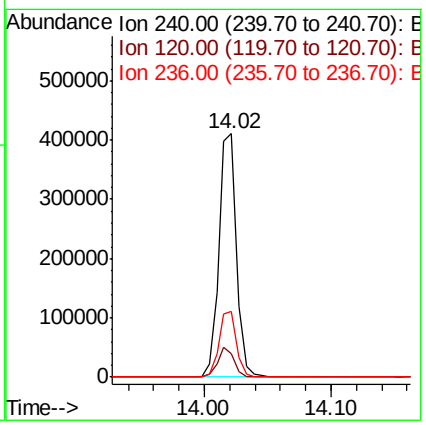


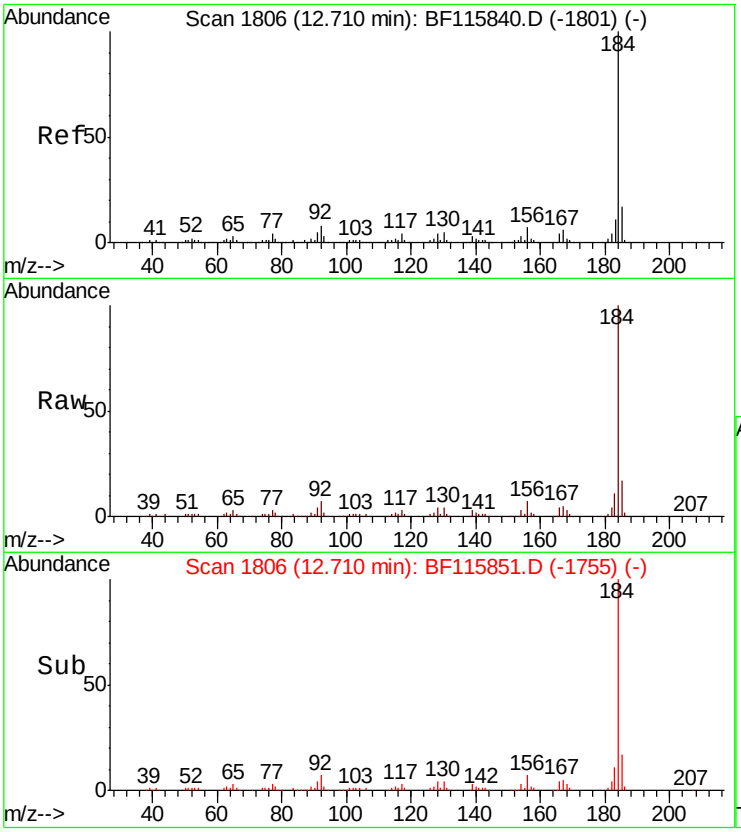




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:240 Resp: 398098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.5 | 12.7 |
| 236 | 26.8 | 22.2 | 33.2 |



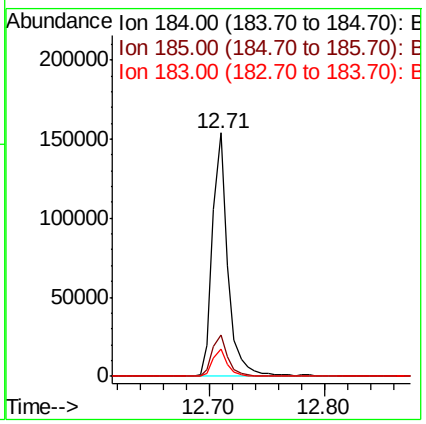


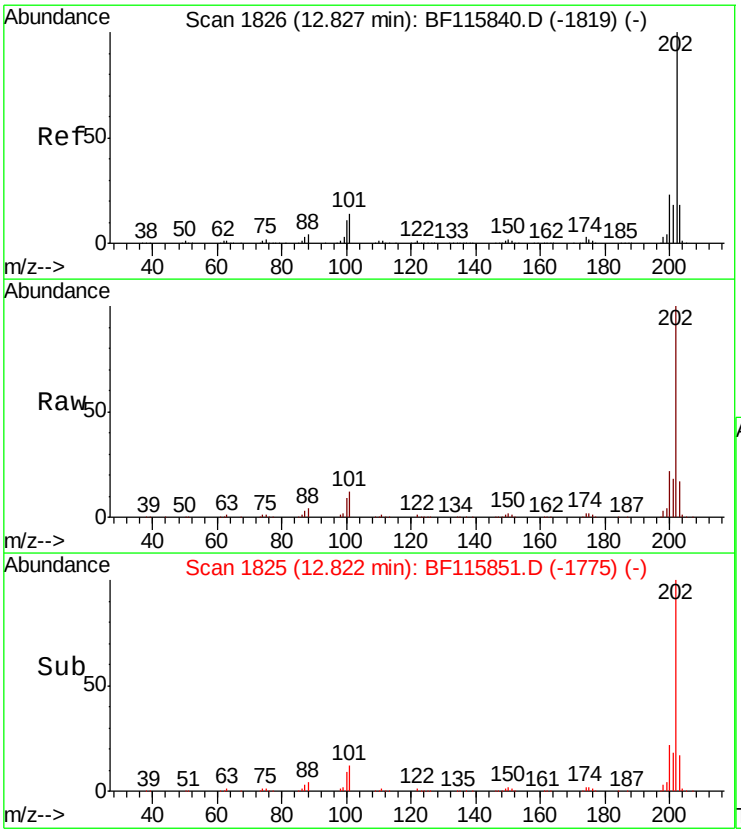

#77
Benzidine
Concen:  10.597 ng
RT: 12.71 min  Scan# 1806
Delta R.T.  0.00 min
Lab File:  BF115851.D
Acq: 30 Jul 2019  19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:184 Resp:  142525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.0 | 13.4 | 20.2 |
| 183 | 11.1 | 9.1 | 13.7 |

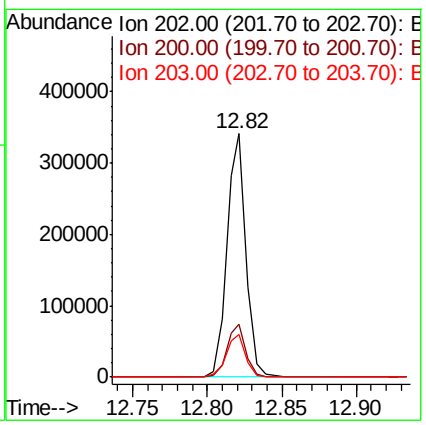


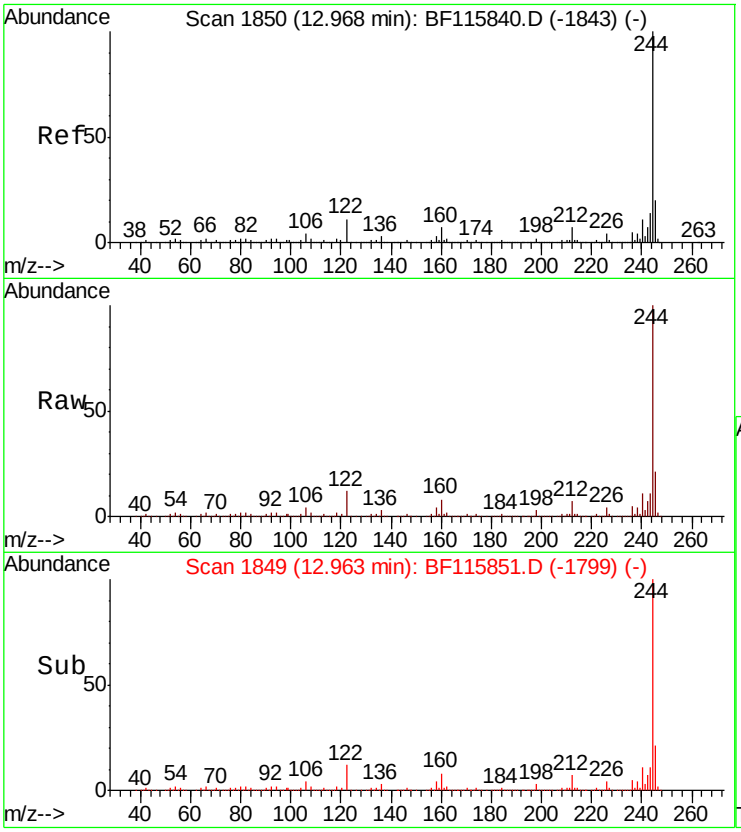




#78
Pyrene
Concen:  10.201 ng
RT: 12.82 min  Scan# 1825
Delta R.T.  -0.01 min
Lab File:  BF115851.D
Acq: 30 Jul 2019  19:28

Tgt Ion:202 Resp:  306136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 18.2 | 27.2 |
| 203 | 17.4 | 14.3 | 21.5 |



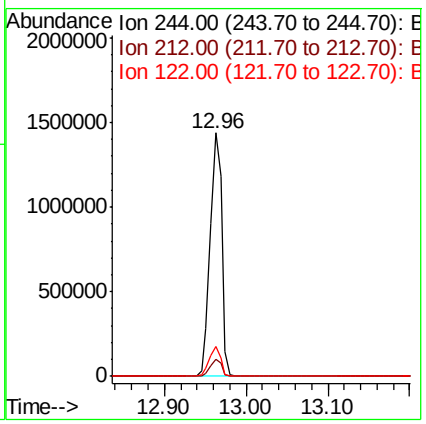


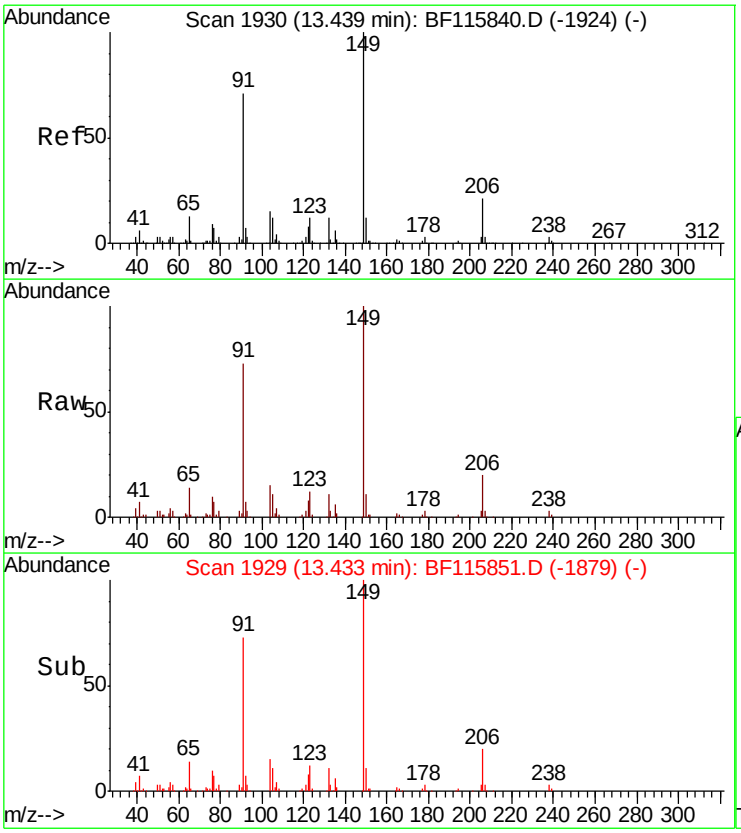

#79
Terphenyl-d14
Concen: 75.098 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:244 Resp: 1418797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.6 | 8.4 |
| 122 | 12.1 | 8.6 | 13.0 |

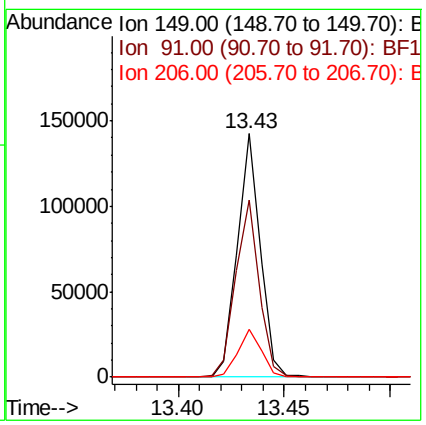


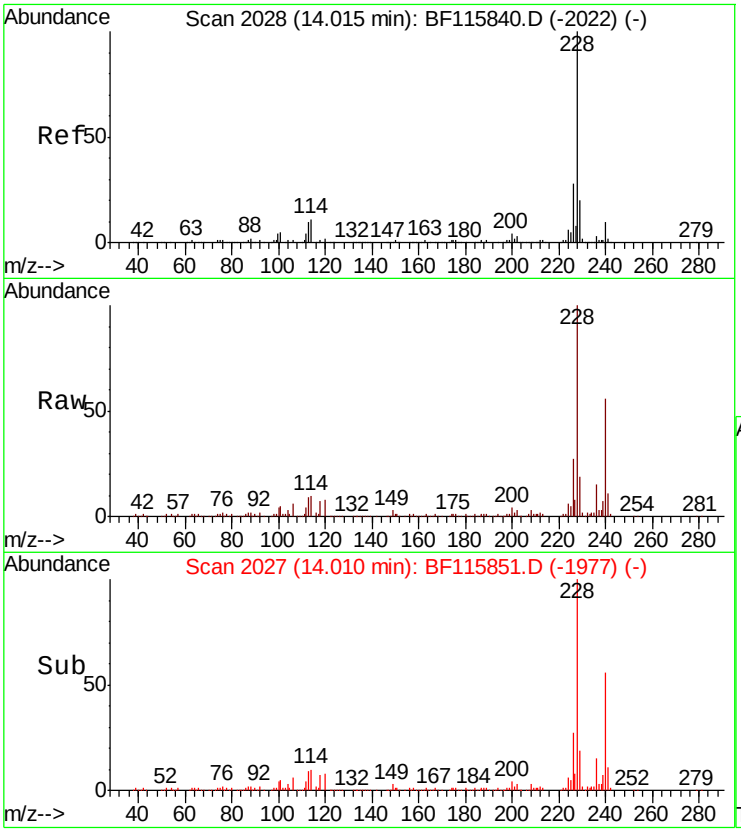




#80
Butylbenzylphthalate
Concen: 8.419 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:149 Resp: 106870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.9 | 57.0 | 85.6 |
| 206 | 19.7 | 16.9 | 25.3 |



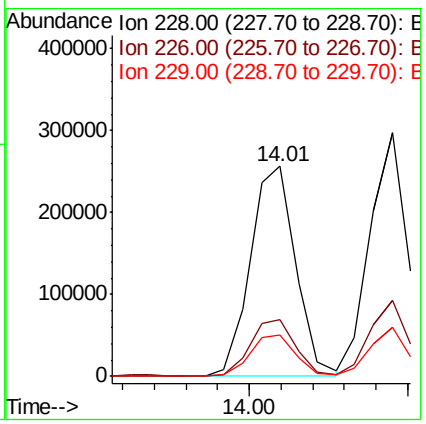


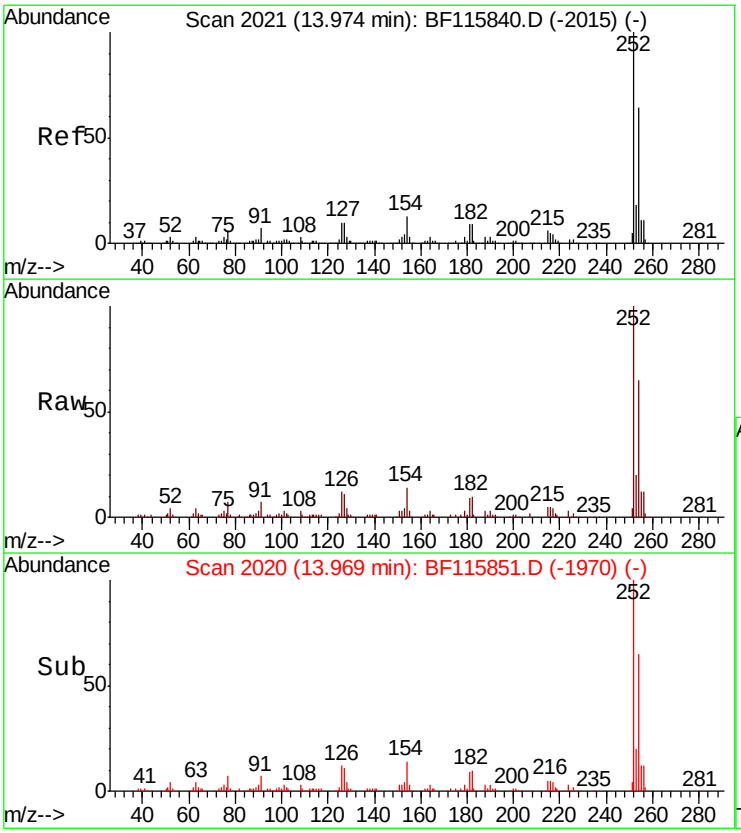

#81
Benzo(a)anthracene
Concen: 10.009 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:228 Resp: 254670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 22.5 | 33.7 |
| 229 | 19.4 | 16.1 | 24.1 |

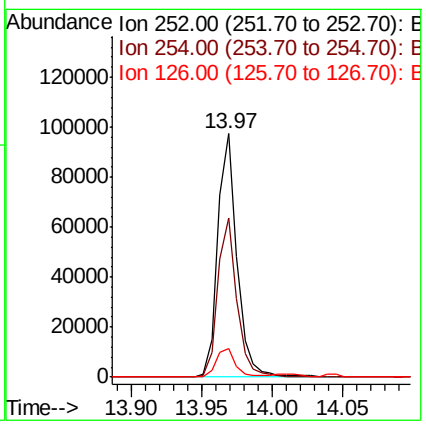


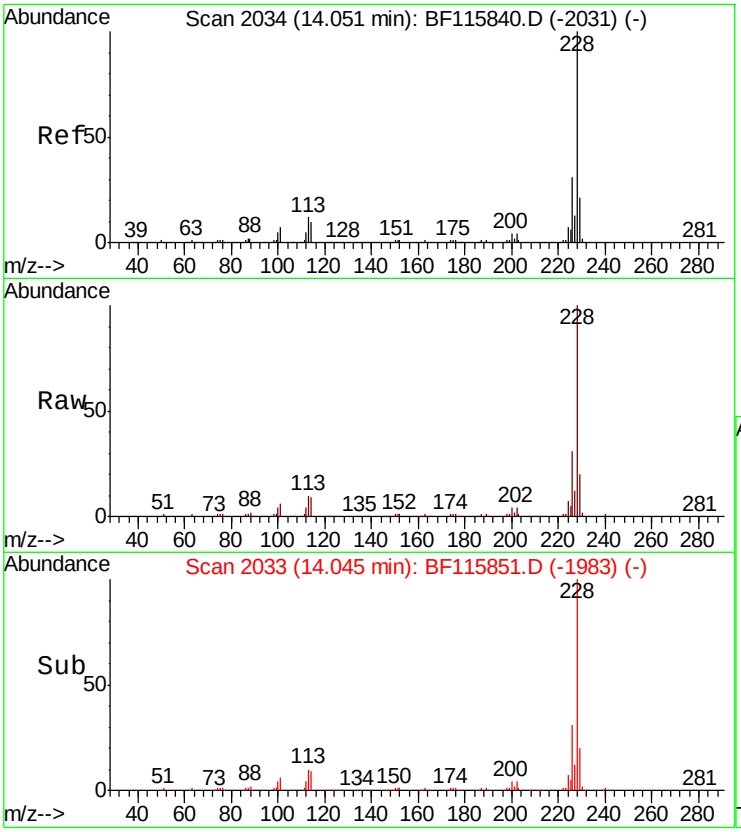




#82
3,3'-Dichlorobenzidine
Concen: 10.425 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:252 Resp: 92160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 51.2 | 76.8 |
| 126 | 11.5 | 8.1 | 12.1 |



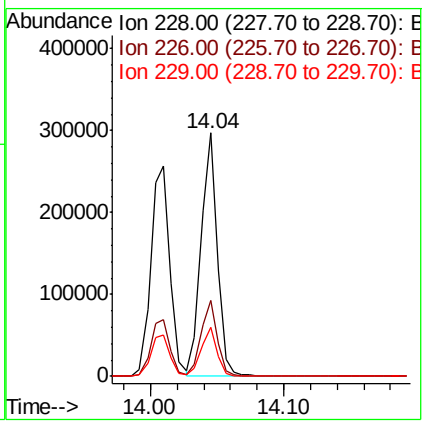


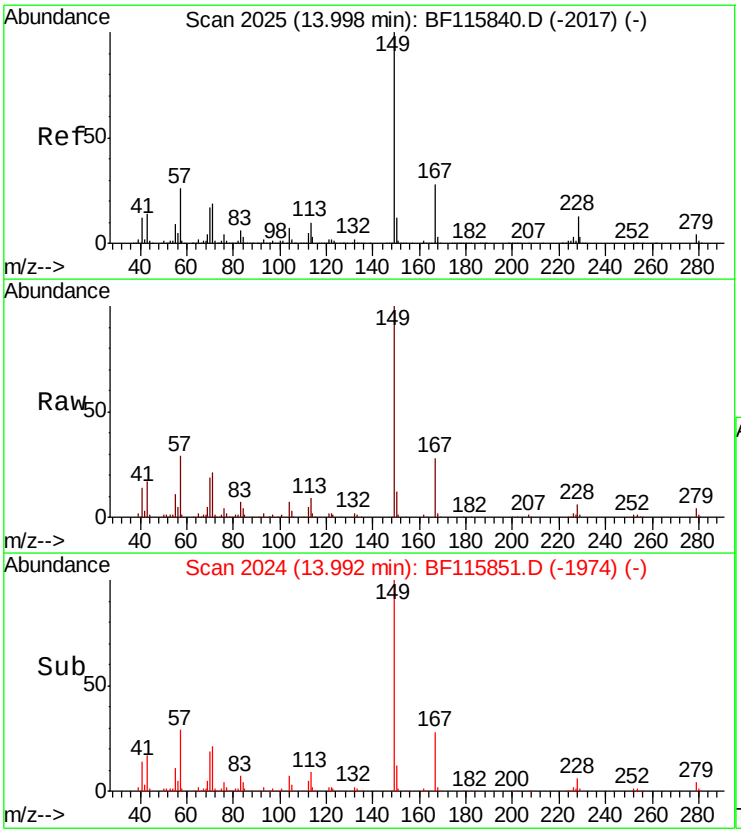

#83
Chrysene
Concen: 10.161 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:228 Resp: 251001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 24.8 | 37.2 |
| 229 | 20.1 | 16.4 | 24.6 |

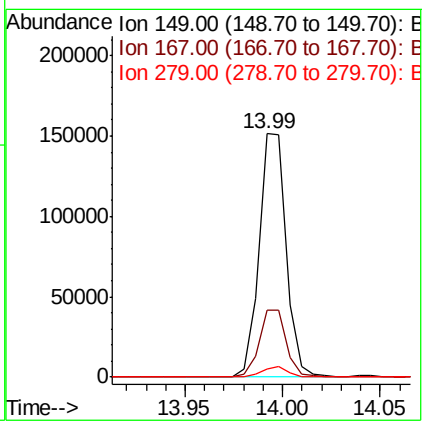


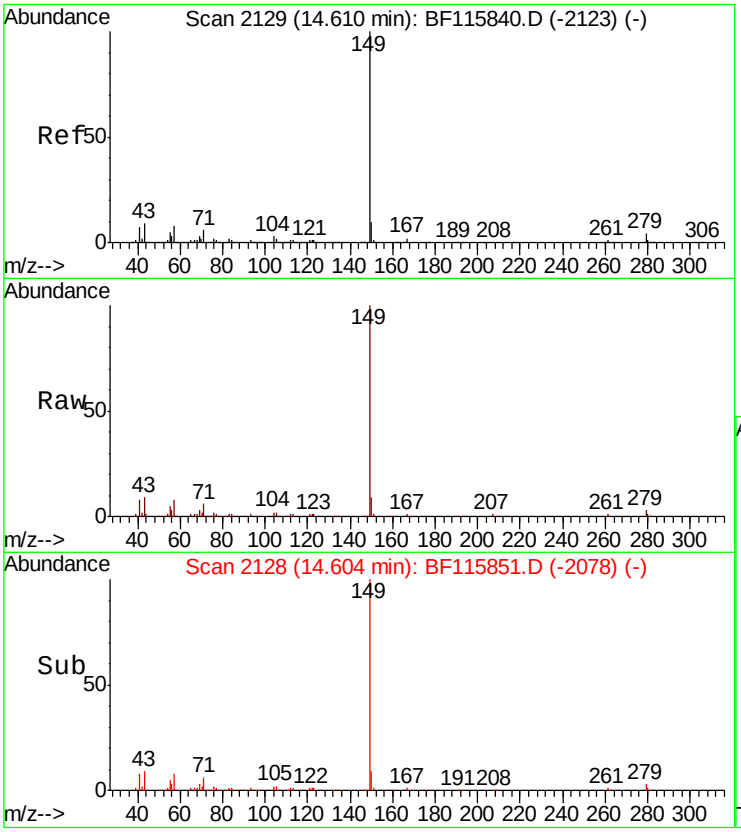




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.826 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:149 Resp: 145597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.4 | 33.6 |
| 279 | 3.6 | 3.3 | 4.9 |



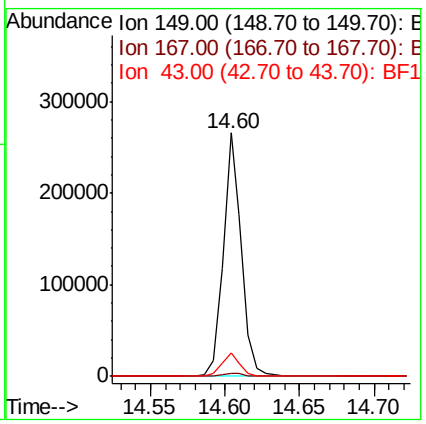


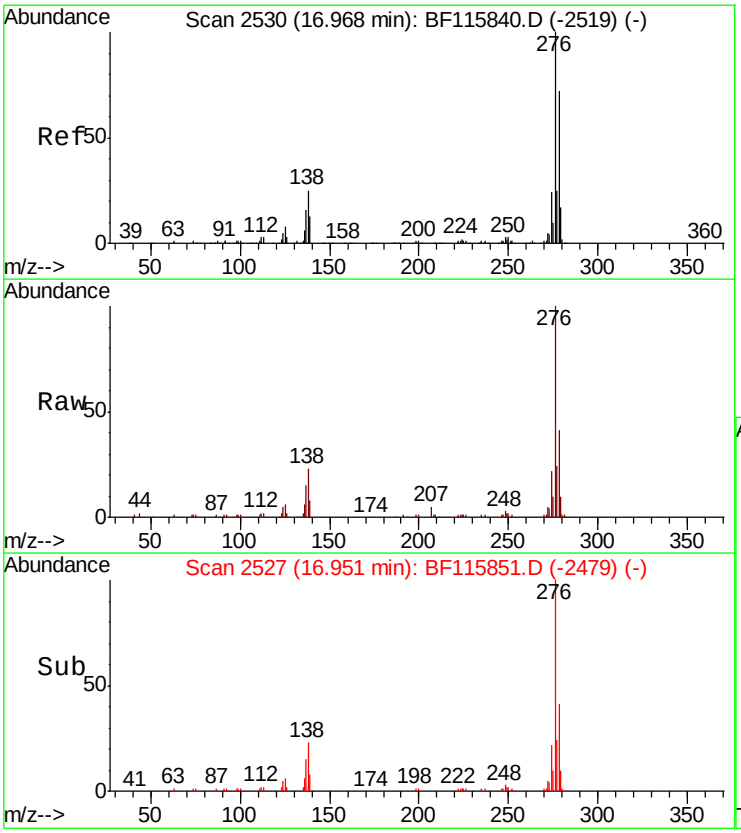

#85
Di-n-octyl phthalate
Concen: 8.620 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:149 Resp: 225857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 9.7 | 7.4 | 11.0 |

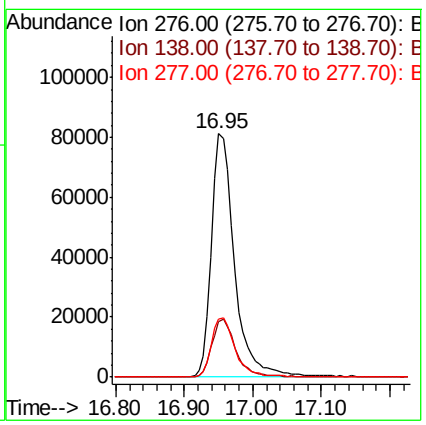


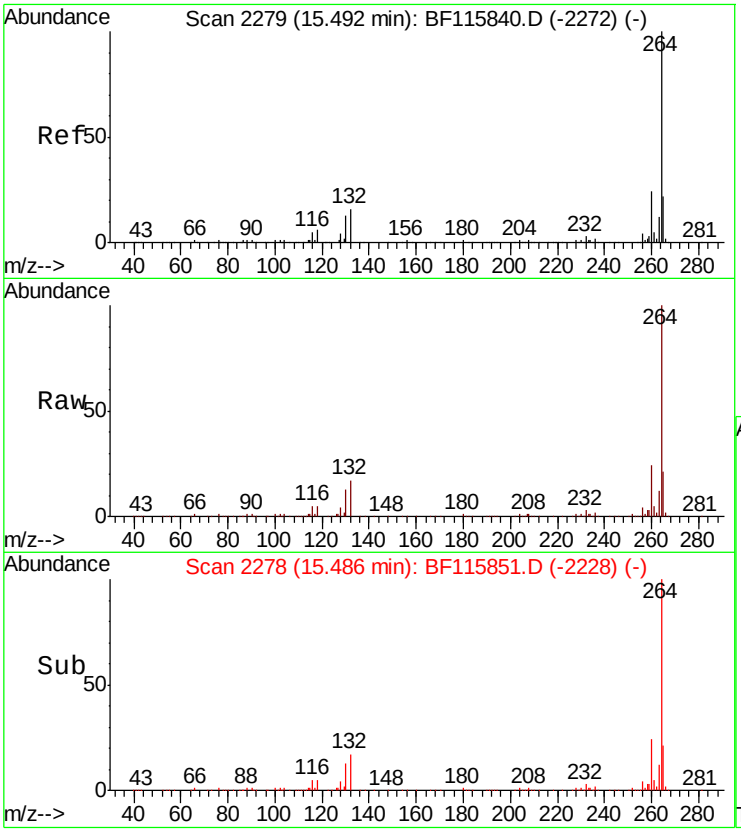




#86
Indeno(1,2,3-cd)pyrene
Concen: 9.164 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:276 Resp: 190142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.6 | 19.6 | 29.4 |
| 277 | 24.9 | 20.1 | 30.1 |



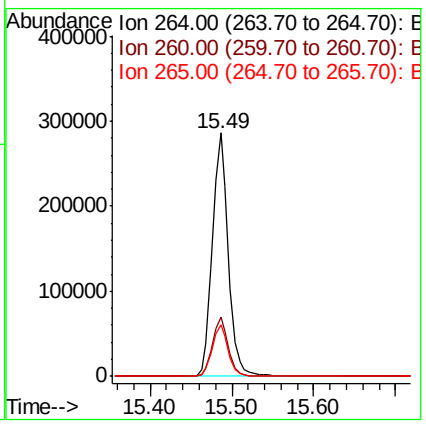


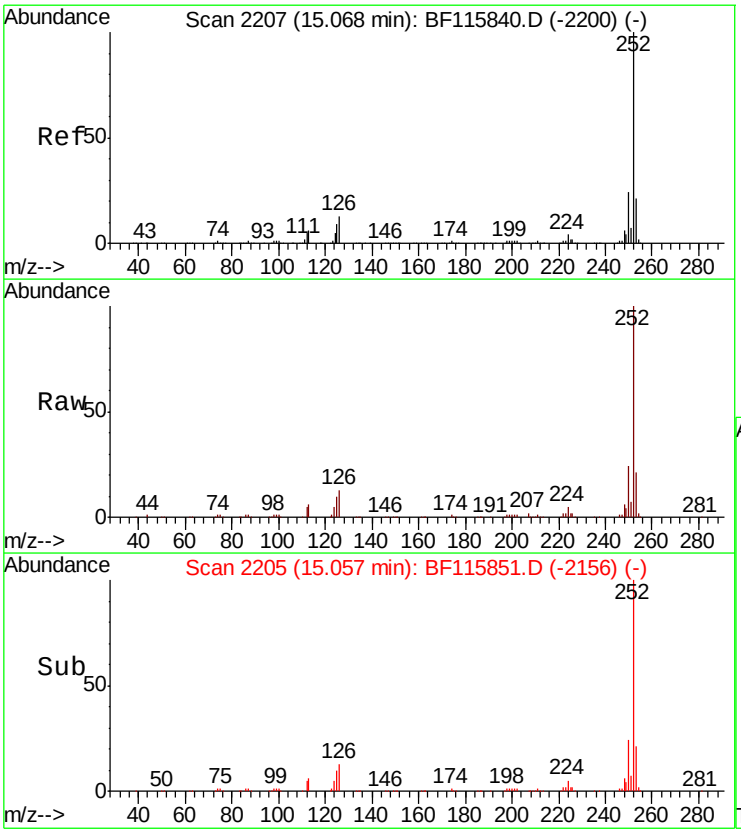

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:264 Resp: 388546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.4 | 29.2 |
| 265 | 21.0 | 17.5 | 26.3 |

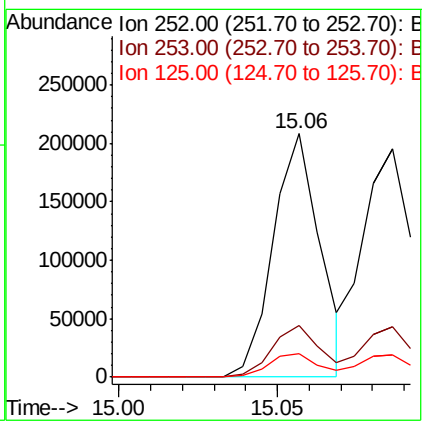


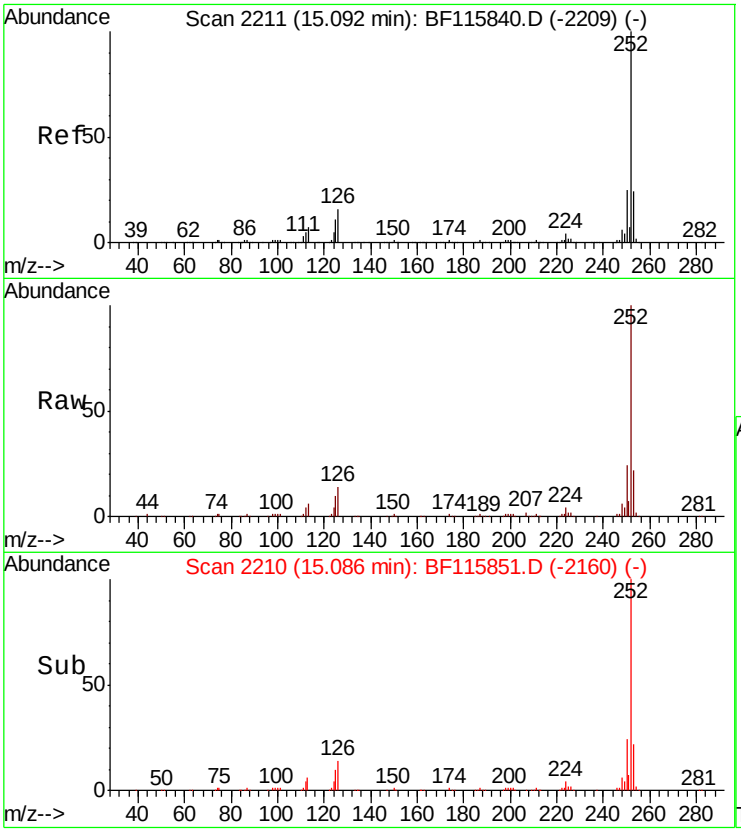




#88
Benzo(b)fluoranthene
Concen: 9.560 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:252 Resp: 214771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.2 | 25.8 |
| 125 | 9.5 | 7.4 | 11.0 |



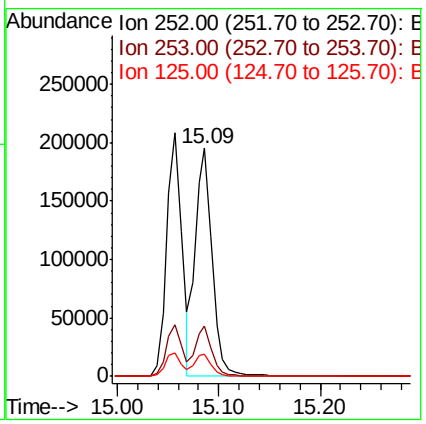


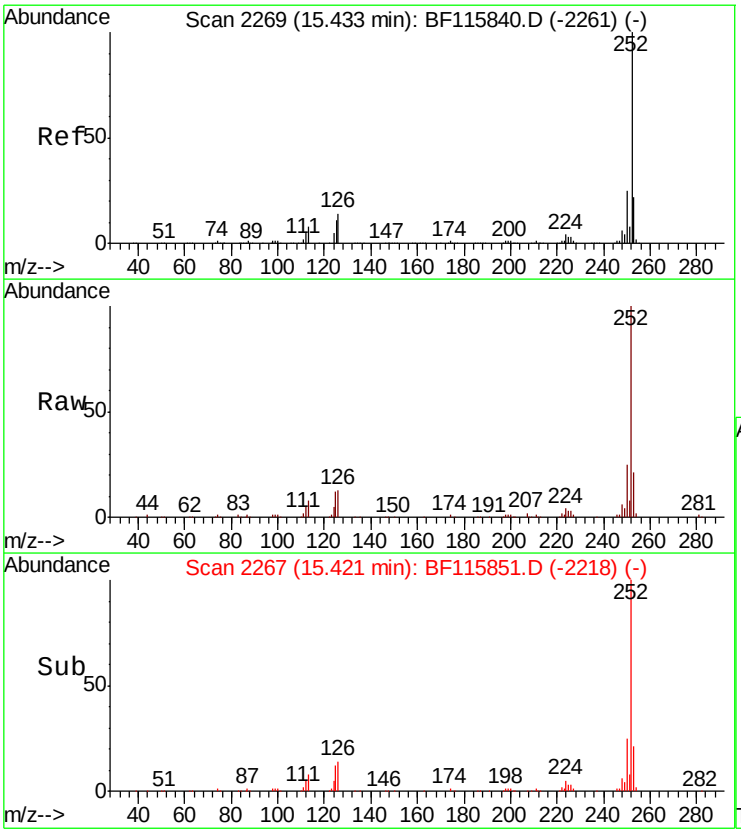

#89
Benzo(k)fluoranthene
Concen: 10.373 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:252 Resp: 226985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.2 | 27.4 |
| 125 | 10.0 | 8.9 | 13.3 |

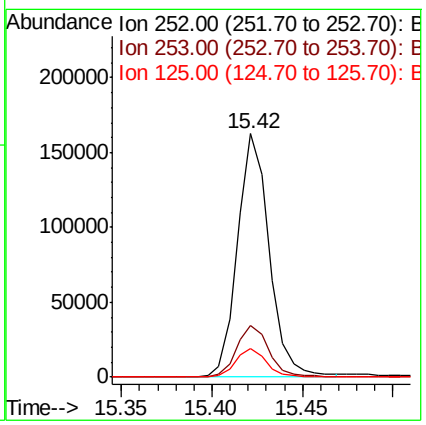


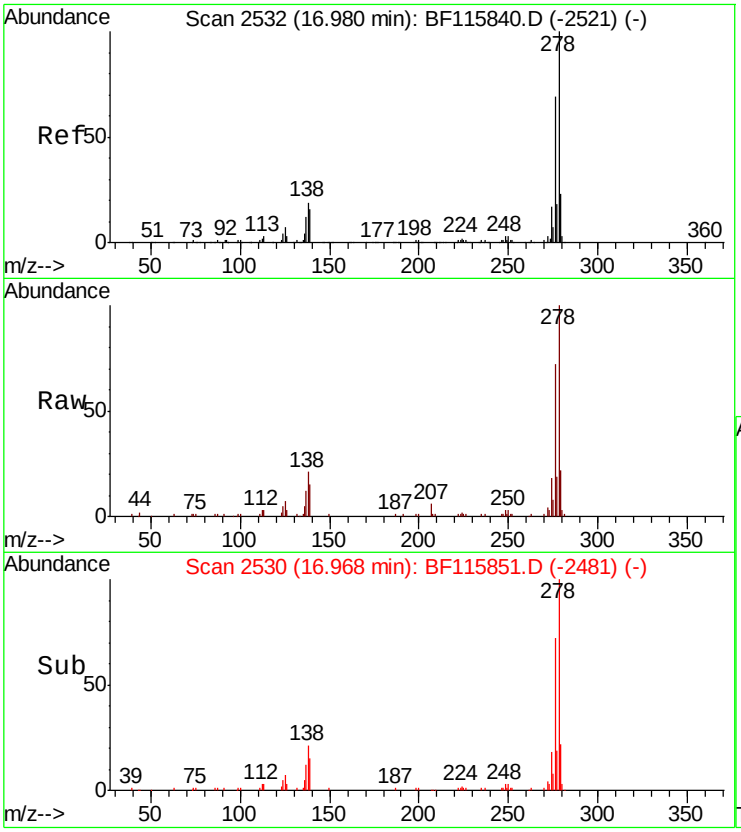




#90
Benzo(a)pyrene
Concen: 9.866 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:252 Resp: 198137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.8 | 26.6 |
| 125 | 11.6 | 8.8 | 13.2 |



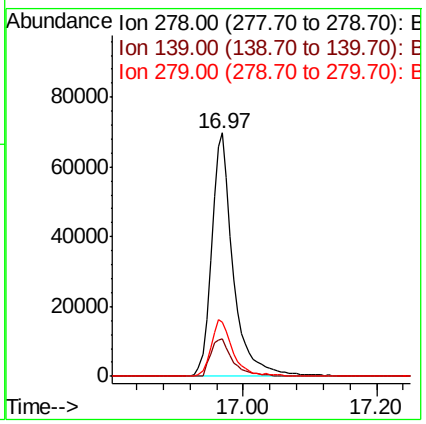


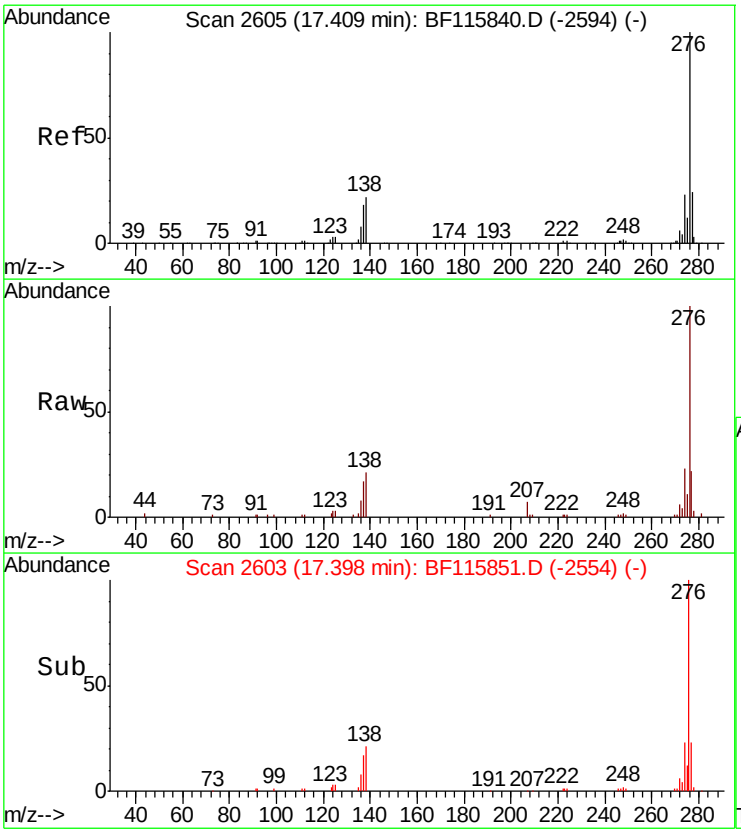

#91
Dibenzo(a,h)anthracene
Concen: 9.068 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT3-2019

Tgt Ion:278 Resp: 157644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.4 | 12.6 | 19.0 |
| 279 | 22.3 | 18.8 | 28.2 |




#92
Benzo(g,h,i)perylene
Concen: 9.119 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:276 Resp: 155691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.5 | 19.5 | 29.3 |
| 138 | 21.3 | 17.8 | 26.8 |