Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098215.D
Acq On : 1 Sep 2017 10:01
Operator : SJ/JU
Sample : PB101969BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB101969BS

Quant Time: Sep 01 12:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 104855 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 418417 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 194623 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 379197 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 240557 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.28 | 264 | 193872 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 862100 | 125.06 | ng | | 0.02 |
| 7) Phenol-d6 | 6.37 | 99 | 1158881 | 123.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 724516 | 94.07 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 234867 | 139.08 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 1114105 | 84.10 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 952653 | 82.58 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.46 | 88 | 134742 | 35.049 | ng | # | 88 |
| 3) Pyridine | 3.18 | 79 | 390375 | 36.731 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.12 | 42 | 140633 | 34.390 | ng | # | 69 |
| 6) Aniline | 6.39 | 93 | 361947 | 27.508 | ng | # | 28 |
| 8) 2-Chlorophenol | 6.51 | 128 | 297670 | 40.945 | ng | | 98 |
| 9) Benzaldehyde | 6.27 | 77 | 132392 | 22.316 | ng | | 91 |
| 10) Phenol | 6.39 | 94 | 417508 | 38.114 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.46 | 93 | 330544 | 39.979 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 298934 | 38.228 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 303958 | 38.218 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.89 | 146 | 281226 | 38.349 | ng | | 97 |
| 15) Benzyl Alcohol | 6.87 | 79 | 275056 | 39.224 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45 | 418887 | 37.655 | ng | | 79 |
| 17) 2-Methylphenol | 6.99 | 107 | 267530 | 41.759 | ng | | 95 |
| 18) Hexachloroethane | 7.23 | 117 | 122911 | 39.418 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70 | 236184 | 36.836 | ng | | 90 |
| 20) 3+4-Methylphenols | 7.14 | 107 | 328840 | 42.025 | ng | | 93 |
| 22) Acetophenone | 7.13 | 105 | 436712 | 39.509 | ng | # | 87 |
| 24) Nitrobenzene | 7.30 | 77 | 370574 | 43.211 | ng | | 91 |
| 25) Isophorone | 7.55 | 82 | 664336 | 41.481 | ng | | 96 |
| 26) 2-Nitrophenol | 7.62 | 139 | 153329 | 49.202 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 274773 | 41.138 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93 | 423269 | 40.200 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 239839 | 43.257 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 7.95 | 180 | 239712 | 39.000 | ng | | 99 |
| 31) Naphthalene | 8.03 | 128 | 859620 | 39.573 | ng | | 99 |
| 32) Benzoic acid | 7.80 | 122 | 158598 | 34.645 | ng | | 92 |
| 33) 4-Chloroaniline | 8.08 | 127 | 216615 | 23.645 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.14 | 225 | 140223 | 39.073 | ng | | 98 |
| 35) Caprolactam | 8.46 | 113 | 48051 | 25.492 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 290847 | 40.828 | ng | # | 79 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 565574 | 42.468 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.88 | 216 | 228700 | 38.290 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 8.87 | 237 | 224912 | 78.382 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098215.D
Acq On : 1 Sep 2017 10:01
Operator : SJ/JU
Sample : PB101969BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB101969BS

Quant Time: Sep 01 12:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.00 | 196 | 161447 | 40.260 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.05 | 196 | 171229 | 43.041 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.18 | 154 | 662889 | 37.351 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.20 | 162 | 489538 | 37.331 | ng | # | 92 |
| 47) 2-Nitroaniline | 9.30 | 65 | 190658 | 43.369 | ng | | 94 |
| 48) Acenaphthylene | 9.62 | 152 | 812365 | 39.449 | ng | | 99 |
| 49) Dimethylphthalate | 9.49 | 163 | 602157 | 42.327 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 128141 | 45.125 | ng | # | 72 |
| 51) Acenaphthene | 9.79 | 154 | 477496 | 36.766 | ng | | 99 |
| 52) 3-Nitroaniline | 9.72 | 138 | 113256 | 30.912 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 9.83 | 184 | 116876 | 85.696 | ng | # | 77 |
| 54) Dibenzofuran | 9.96 | 168 | 715267 | 41.092 | ng | | 100 |
| 55) 4-Nitrophenol | 9.90 | 139 | 187713 | 64.227 | ng | # | 56 |
| 56) 2,4-Dinitrotoluene | 9.96 | 165 | 165916 | 46.557 | ng | # | 58 |
| 57) Fluorene | 10.30 | 166 | 545291 | 40.519 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.09 | 232 | 136756 | 44.400 | ng | | 93 |
| 59) Diethylphthalate | 10.19 | 149 | 617305 | 41.494 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204 | 256394 | 41.010 | ng | # | 86 |
| 61) 4-Nitroaniline | 10.33 | 138 | 145535 | 41.794 | ng | | 73 |
| 62) Azobenzene | 10.46 | 77 | 724797 | 41.015 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 82090 | 46.297 | ng | # | 79 |
| 65) n-Nitrosodiphenylamine | 10.42 | 169 | 505749 | 39.167 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.79 | 248 | 159543 | 40.517 | ng | | 94 |
| 67) Hexachlorobenzene | 10.85 | 284 | 156404 | 38.969 | ng | # | 88 |
| 68) Atrazine | 10.95 | 200 | 155982 | 45.549 | ng | | 96 |
| 69) Pentachlorophenol | 11.05 | 266 | 145107 | 62.008 | ng | | 99 |
| 70) Phenanthrene | 11.26 | 178 | 801545 | 39.668 | ng | | 100 |
| 71) Anthracene | 11.32 | 178 | 813654 | 39.701 | ng | | 100 |
| 72) Carbazole | 11.47 | 167 | 750198 | 38.563 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.80 | 149 | 974156 | 43.474 | ng | | 100 |
| 74) Fluoranthene | 12.45 | 202 | 815192 | 38.652 | ng | | 98 |
| 76) Benzidine | 12.57 | 184 | 320791 | 40.672 | ng | # | 91 |
| 77) Pyrene | 12.67 | 202 | 824005 | 41.881 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.30 | 149 | 368874 | 48.901 | ng | # | 74 |
| 80) Benzo(a)anthracene | 13.86 | 228 | 547927 | 38.004 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.83 | 252 | 123597 | 25.405 | ng | # | 94 |
| 82) Chrysene | 13.90 | 228 | 548333 | 38.232 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 432267 | 51.713 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.46 | 149 | 694172 | 47.729 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.66 | 276 | 526704 | 49.922 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 14.88 | 252 | 467185 | 38.230 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.91 | 252 | 456454 | 39.757 | ng | # | 94 |
| 89) Benzo(a)pyrene | 15.23 | 252 | 450658 | 41.657 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.67 | 278 | 438545 | 49.793 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.07 | 276 | 459019 | 49.949 | ng | | 94 |

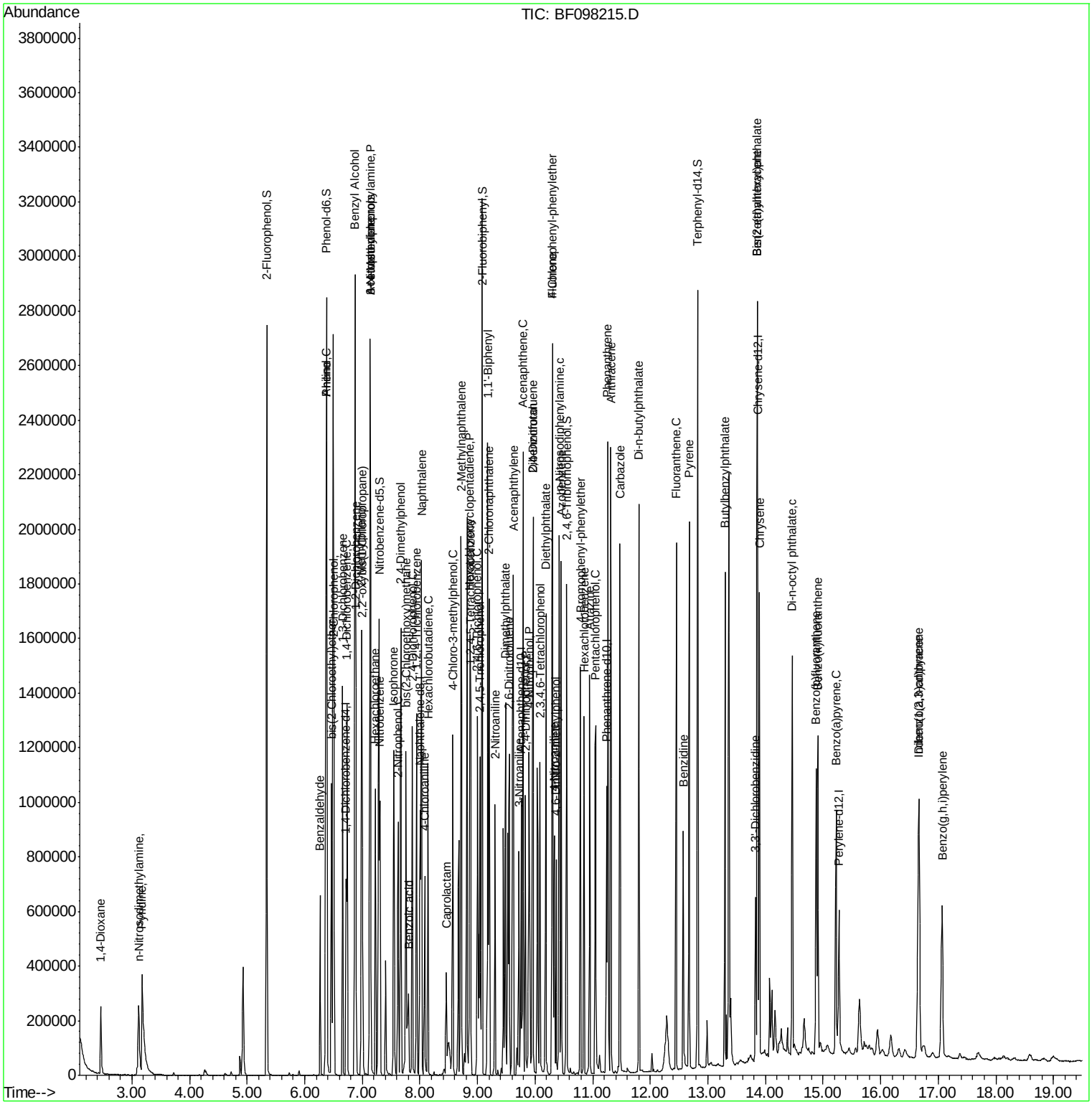
(#) = qualifier out of range (m) = manual integration (+) = signals summed

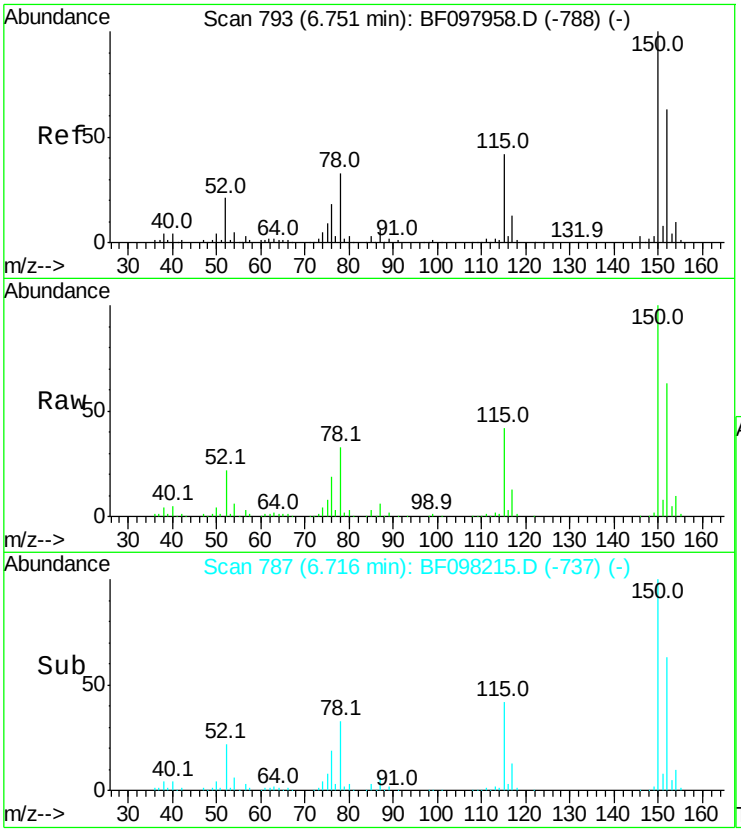
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098215.D
Acq On : 1 Sep 2017 10:01
Operator : SJ/JU
Sample : PB101969BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Quant Time: Sep 01 12:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration



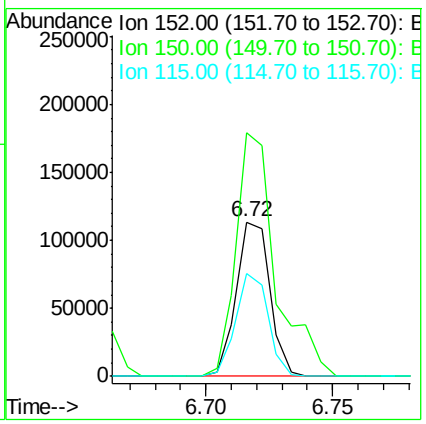


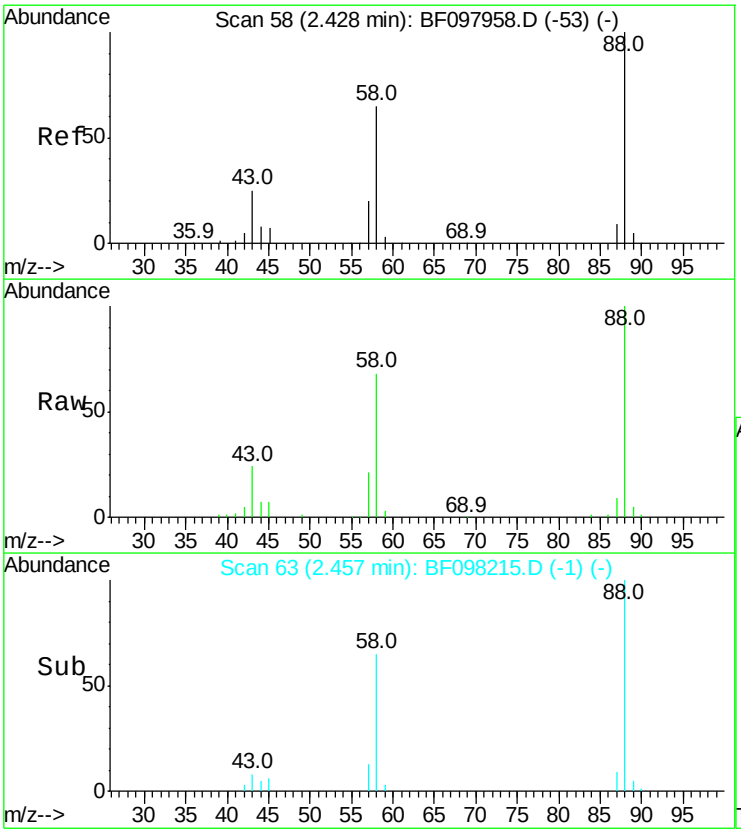

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:152 Resp: 104855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 126.2 | 189.2 |
| 115 | 66.7 | 52.2 | 78.2 |

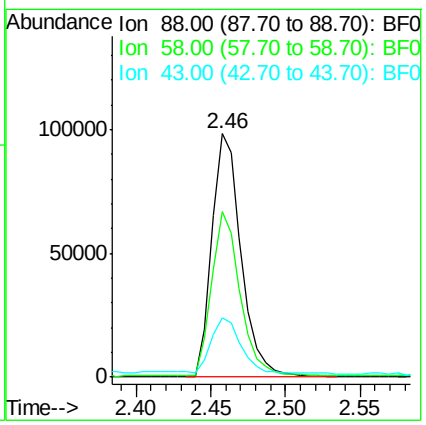


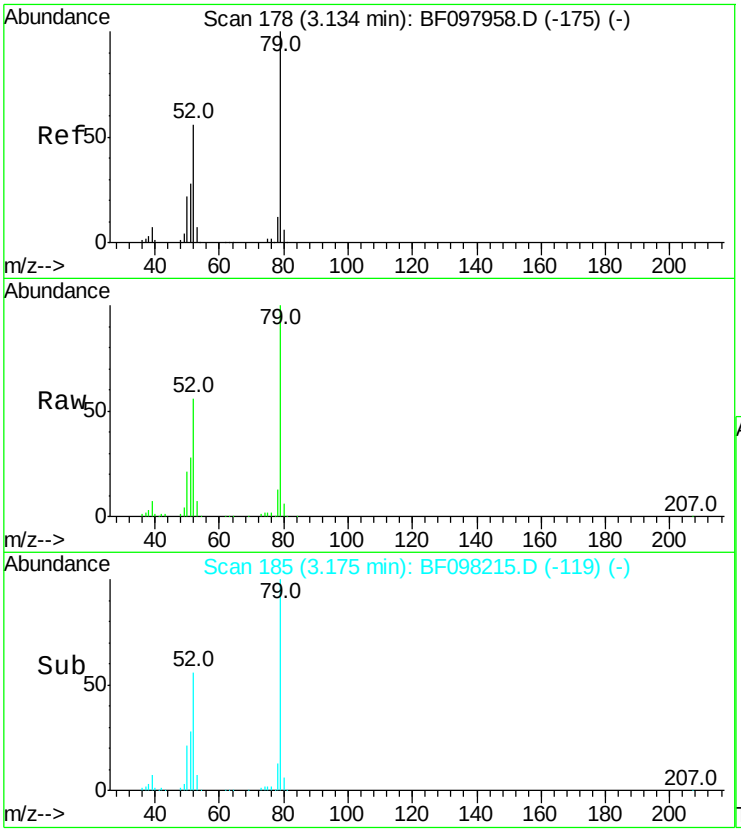




#2
1,4-Dioxane
Concen: 35.049 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.08 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 88 Resp: 134742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 65.9 | 61.4 | 92.0 |
| 43 | 23.2 | 23.4 | 35.0# |



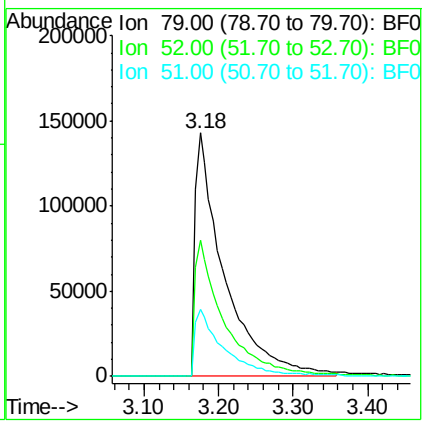


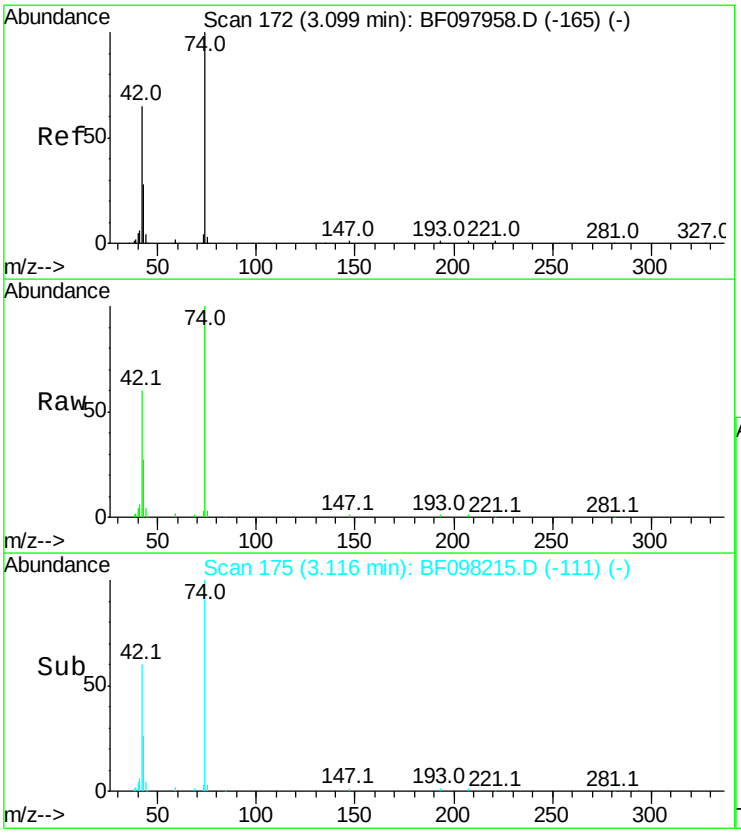

#3
Pyridine
Concen: 36.731 ng
RT: 3.18 min Scan# 185
Delta R.T. 0.09 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 79 Resp: 390375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 56.0 | 54.8 | 82.2 |
| 51 | 27.6 | 27.0 | 40.4 |

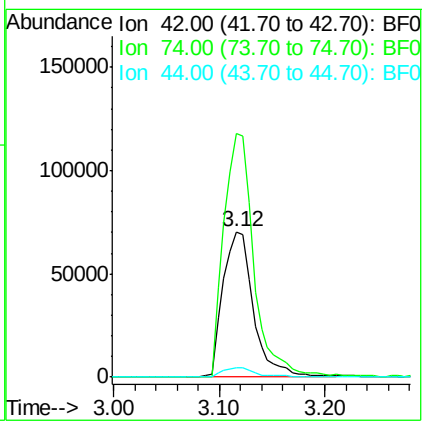


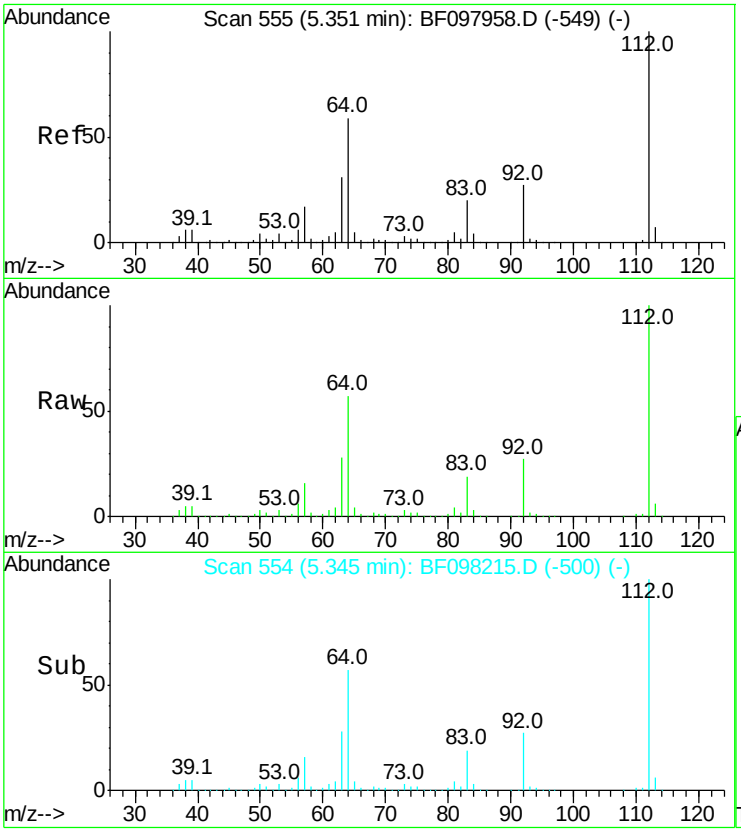




#4
n-Nitrosodimethylamine
Concen: 34.390 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.08 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 42 Resp: 140633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 167.3 | 103.9 | 155.9# |
| 44 | 6.5 | 5.7 | 8.5 |



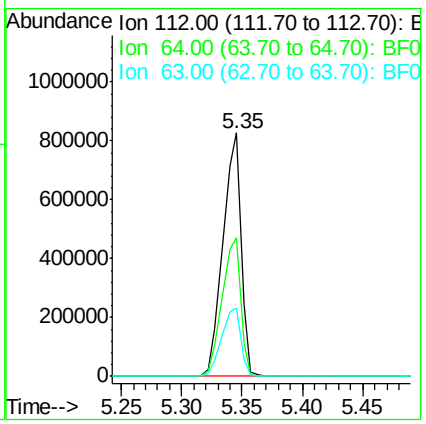


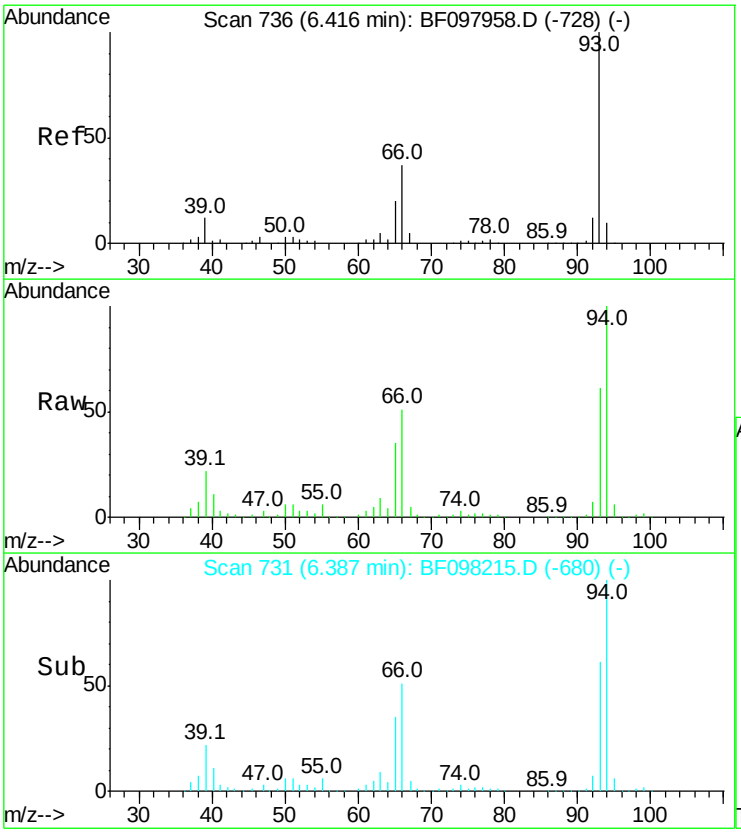

#5
2-Fluorophenol
Concen: 125.060 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:112 Resp: 862100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.9 | 46.0 | 69.0 |
| 63 | 28.1 | 23.4 | 35.0 |

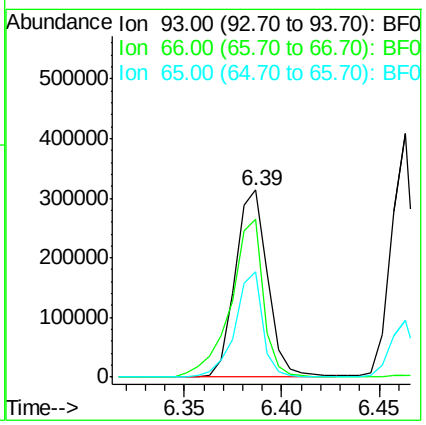


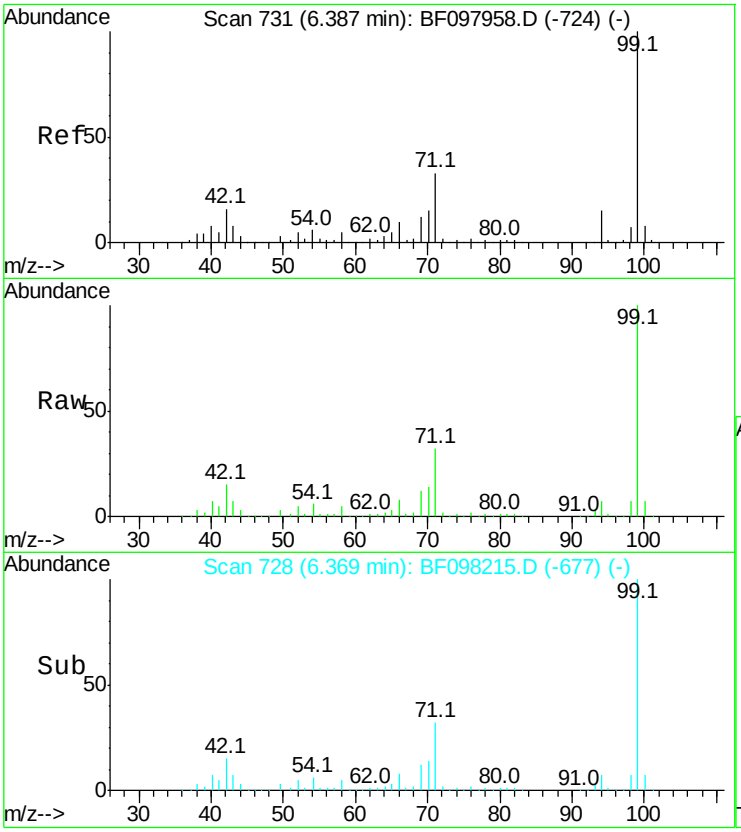




#6
Aniline
Concen: 27.508 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 93 Resp: 361947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 84.2 | 32.9 | 49.3# |
| 65 | 56.7 | 16.0 | 24.0# |



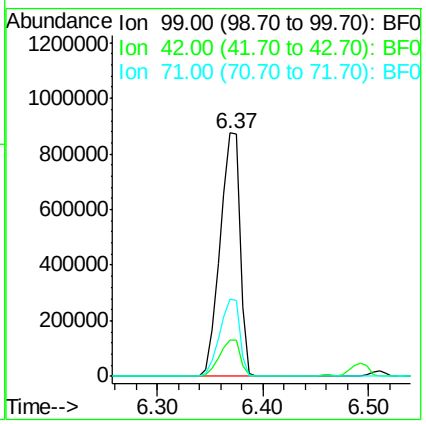


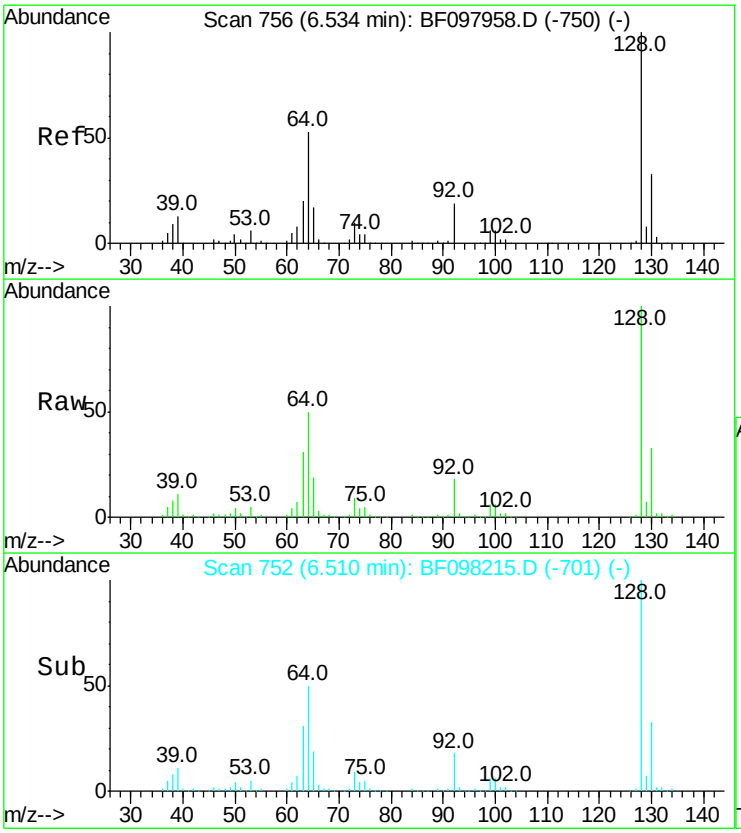

#7
Phenol-d6
Concen: 123.729 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 99 Resp: 1158881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.9 | 13.5 | 20.3 |
| 71 | 31.9 | 24.5 | 36.7 |

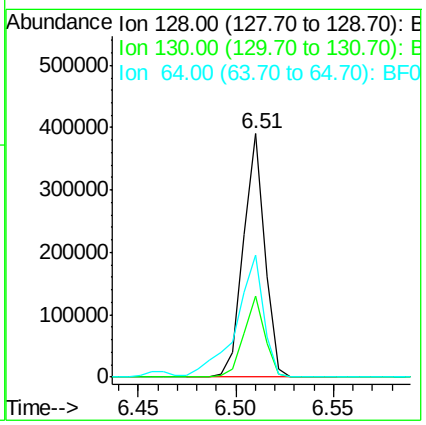


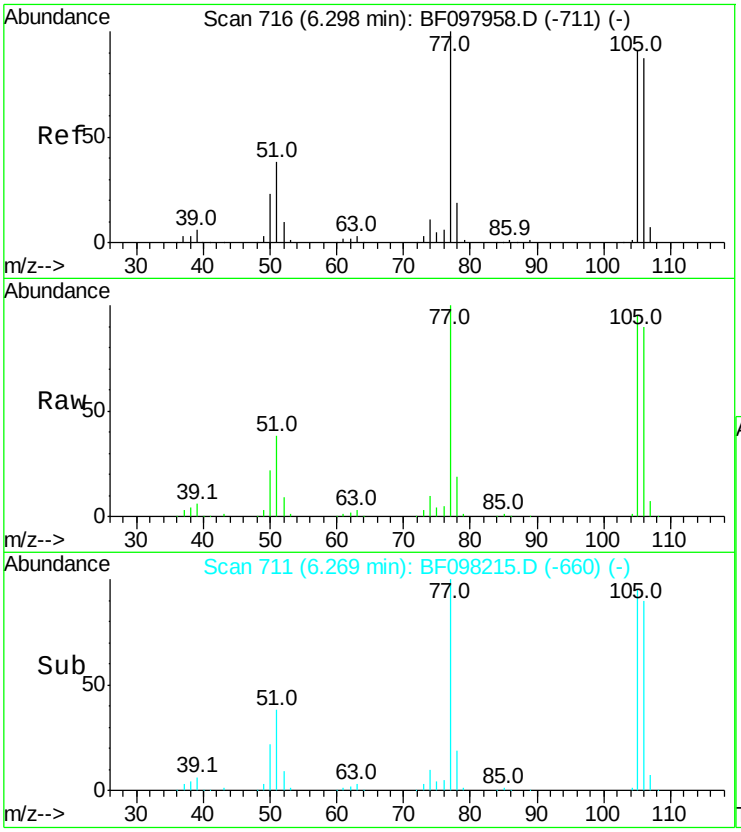




#8
2-Chlorophenol
Concen: 40.945 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:128 Resp: 297670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.2 | 12.9 | 52.9 |
| 64 | 49.9 | 28.4 | 68.4 |



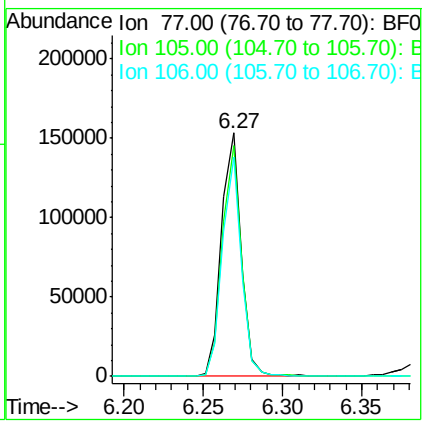


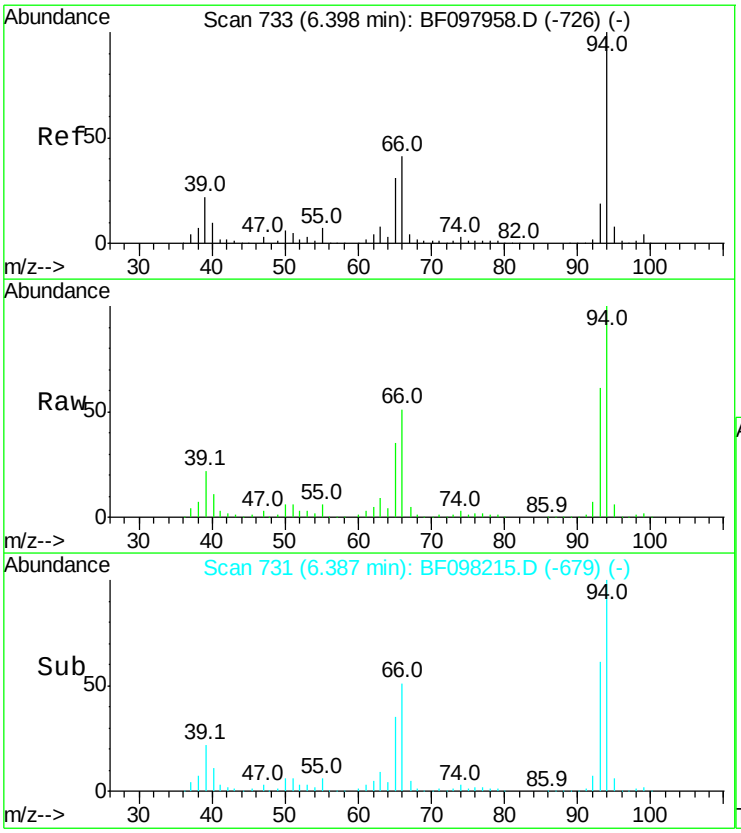

#9
Benzaldehyde
Concen: 22.316 ng
RT: 6.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 77 Resp: 132392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.0 | 83.8 | 123.8 |
| 106 | 89.9 | 79.1 | 119.1 |

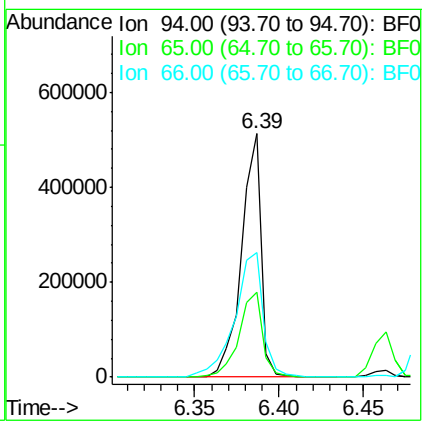


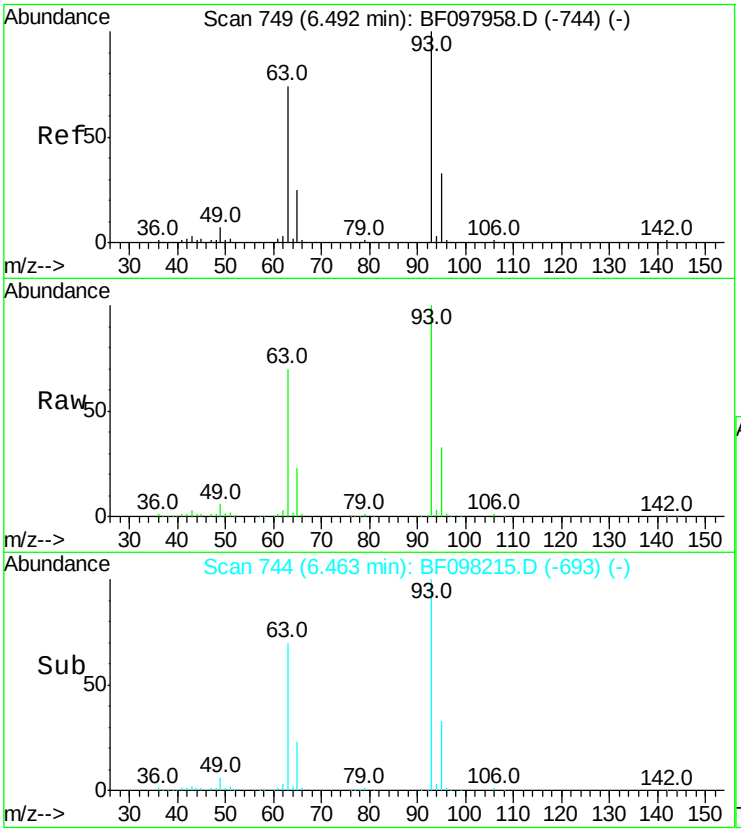




#10
Phenol
Concen: 38.114 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 94 Resp: 417508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.7 | 9.9 | 49.9 |
| 66 | 51.4 | 23.1 | 63.1 |



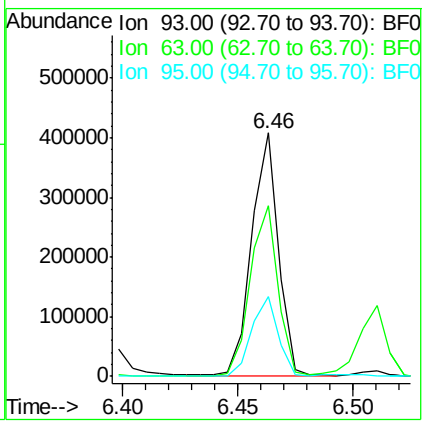


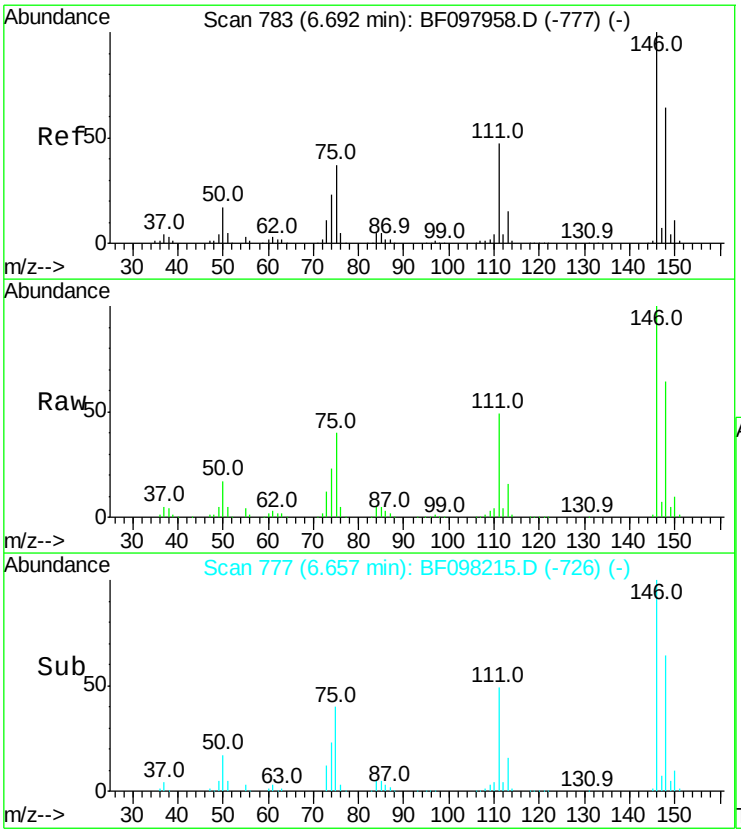

#11
bis(2-Chloroethyl)ether
Concen: 39.979 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 93 Resp: 330544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.3 | 59.2 | 99.2 |
| 95 | 32.6 | 12.8 | 52.8 |

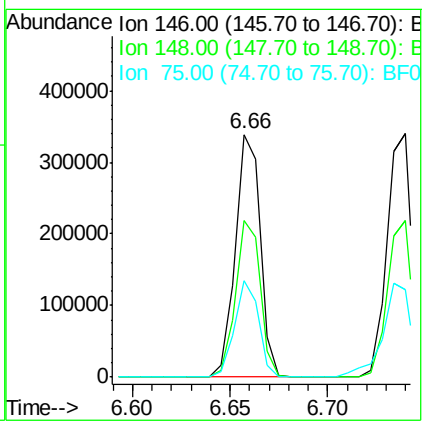


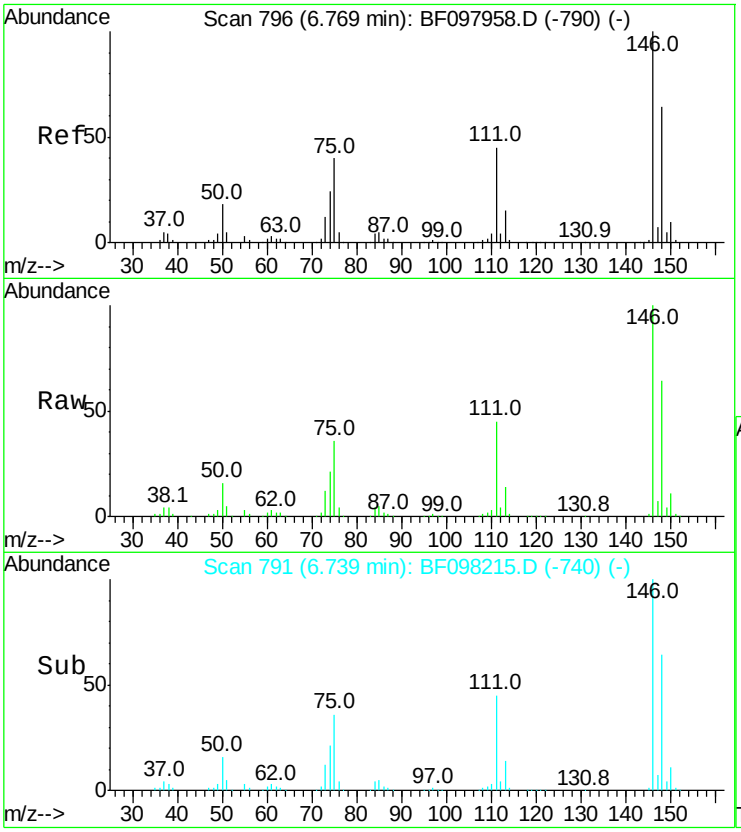




#12
1,3-Dichlorobenzene
Concen: 38.228 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:146 Resp: 298934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.8 | 77.6 |
| 75 | 40.0 | 23.1 | 34.7# |



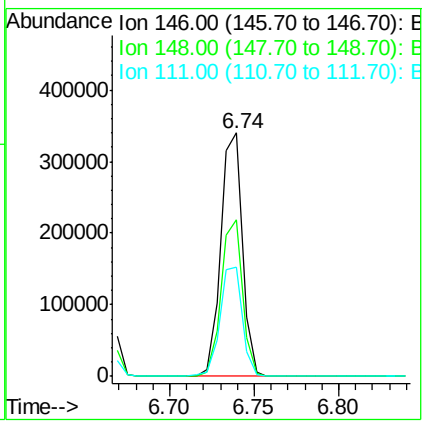


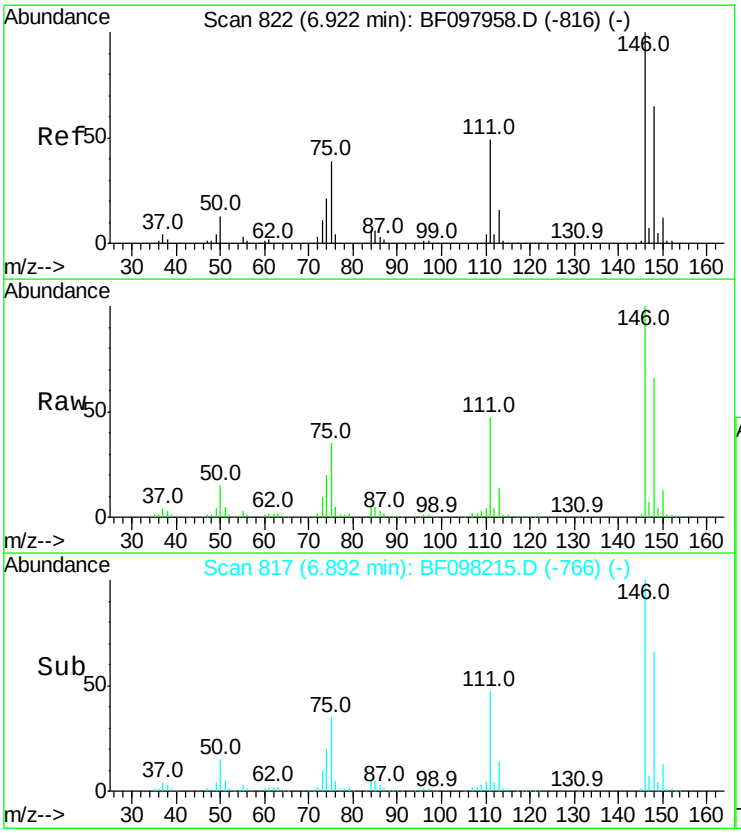

#13
1,4-Dichlorobenzene
Concen: 38.218 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:146 Resp: 303958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 52.2 | 78.2 |
| 111 | 44.8 | 30.3 | 45.5 |

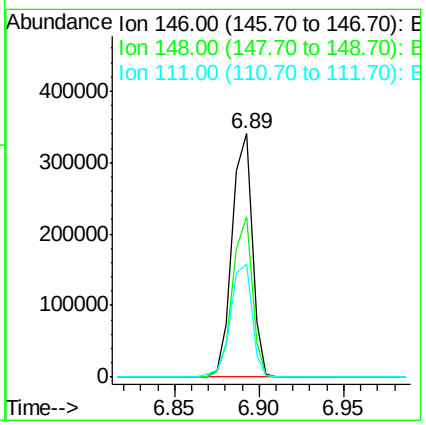


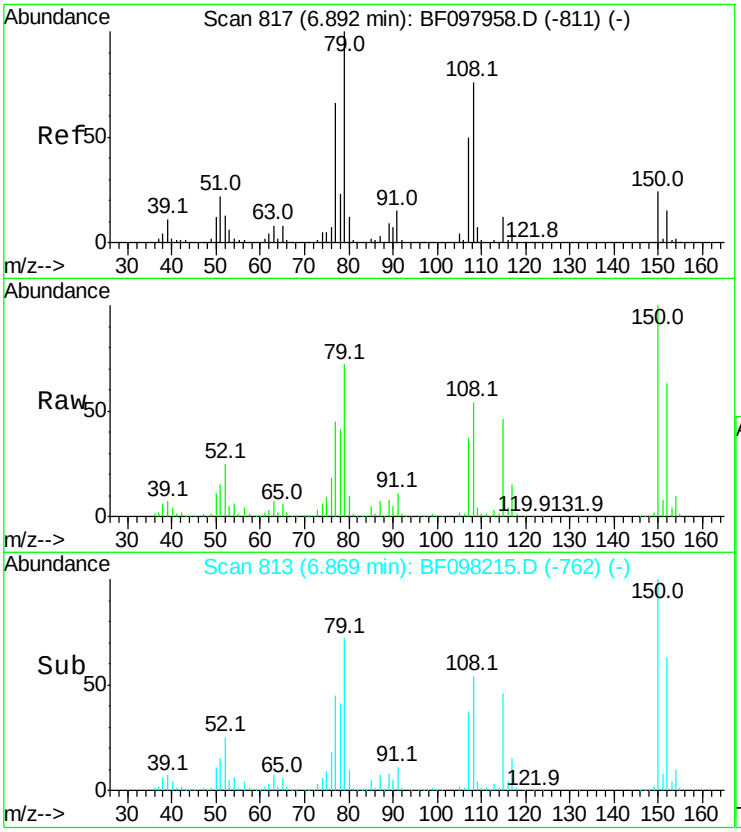




#14
1,2-Dichlorobenzene
Concen: 38.349 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:146 Resp: 281226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.0 | 50.4 | 75.6 |
| 111 | 46.6 | 38.2 | 57.4 |



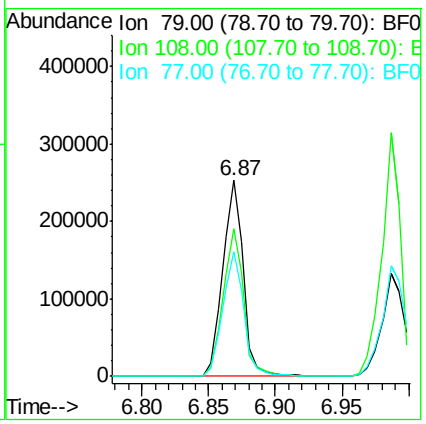


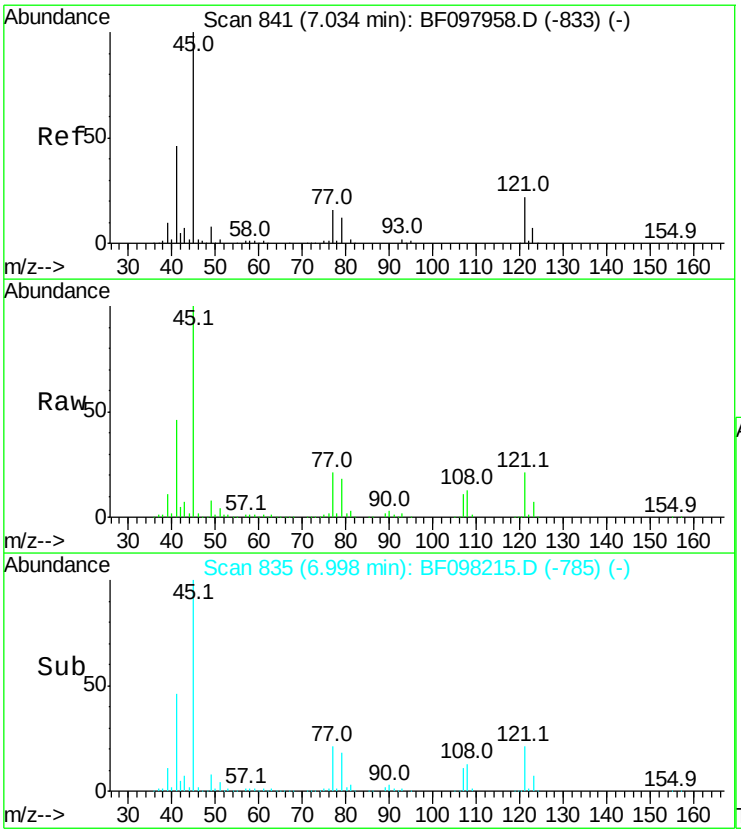

#15
Benzyl Alcohol
Concen: 39.224 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 79 Resp: 275056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.2 | 63.4 | 95.0 |
| 77 | 63.4 | 49.2 | 73.8 |

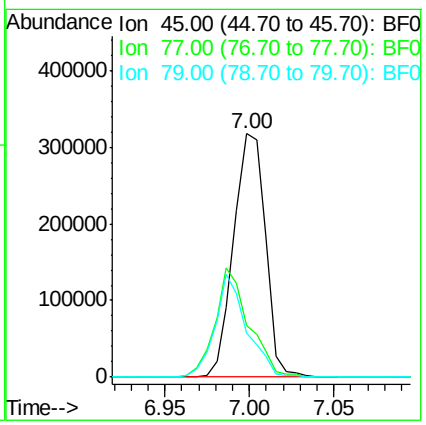


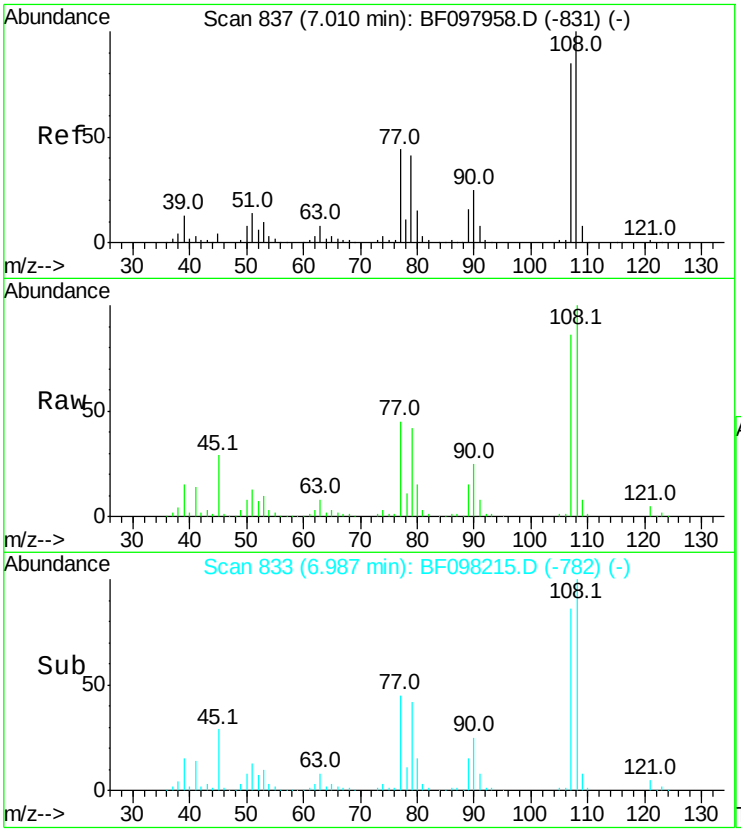




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.655 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 45 Resp: 418887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 21.2 | 0.0 | 33.2 |
| 79 | 17.8 | 0.0 | 30.0 |



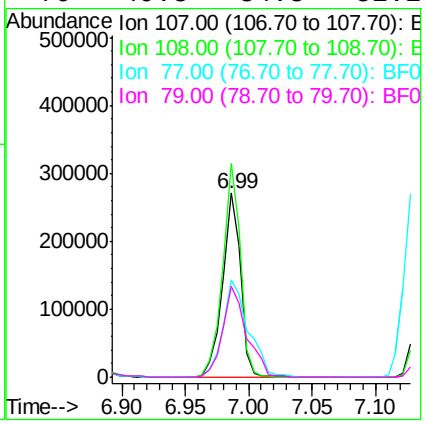


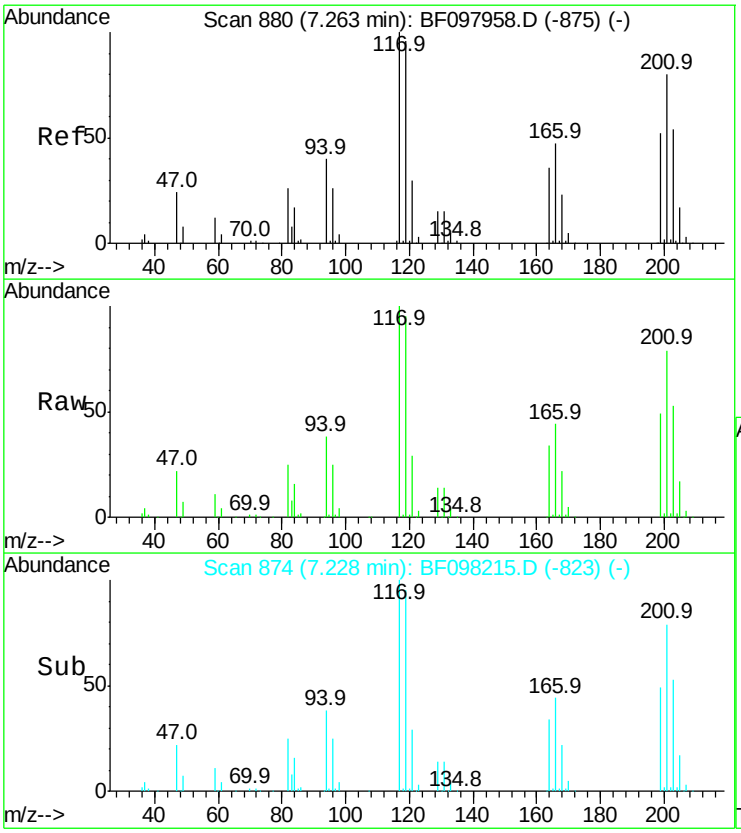

#17
2-Methylphenol
Concen: 41.759 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:107 Resp: 267530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.0 | 93.4 | 140.0 |
| 77 | 52.6 | 35.8 | 53.6 |
| 79 | 49.3 | 34.8 | 52.2 |

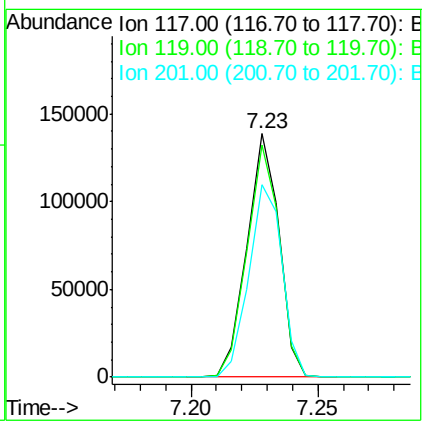


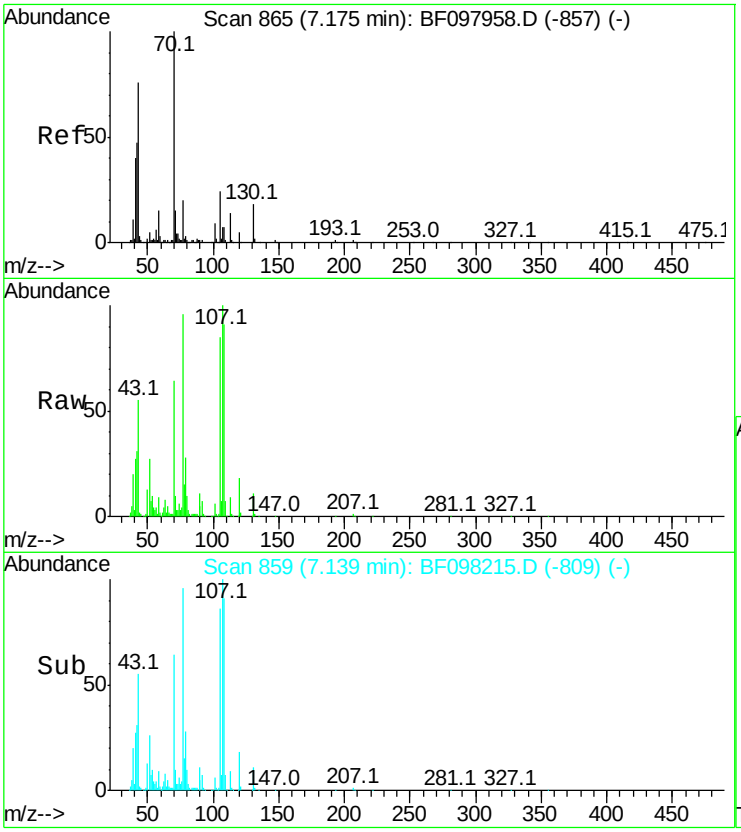




#18
Hexachloroethane
Concen: 39.418 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:117 Resp: 122911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.3 | 77.4 | 116.0 |
| 201 | 78.8 | 94.6 | 141.8# |



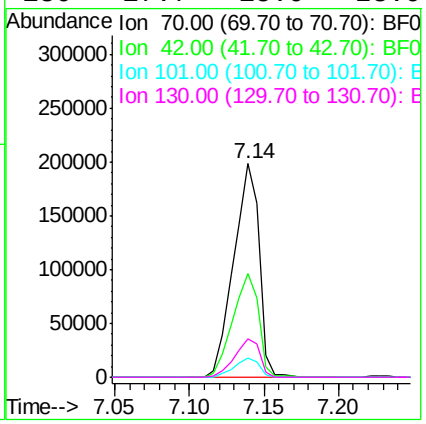


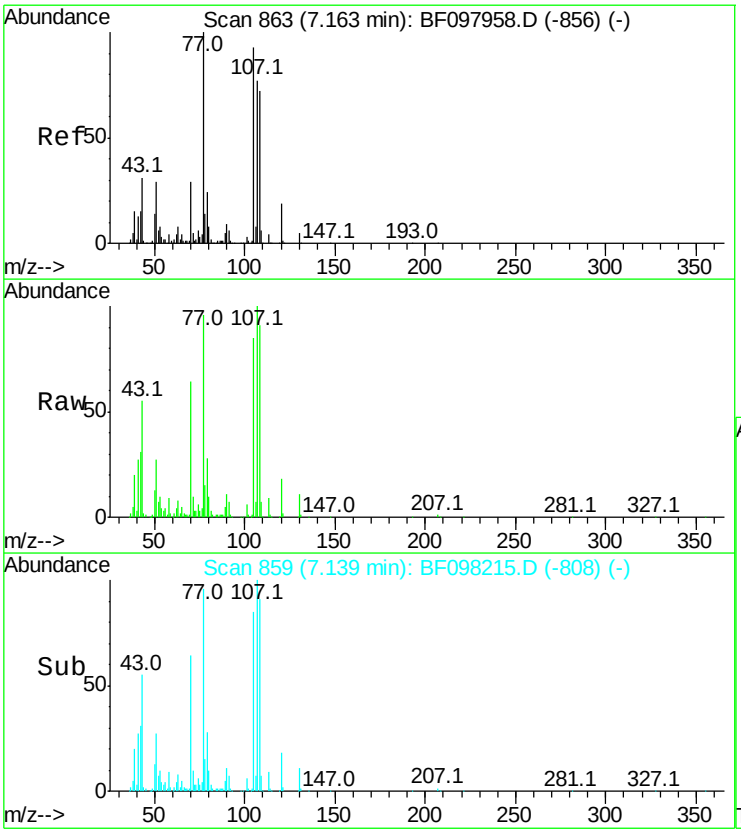

#19
n-Nitroso-di-n-propylamine
Concen: 36.836 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 70 Resp: 236184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.7 | 47.2 | 70.8 |
| 101 | 8.8 | 7.2 | 10.8 |
| 130 | 17.7 | 15.9 | 23.9 |

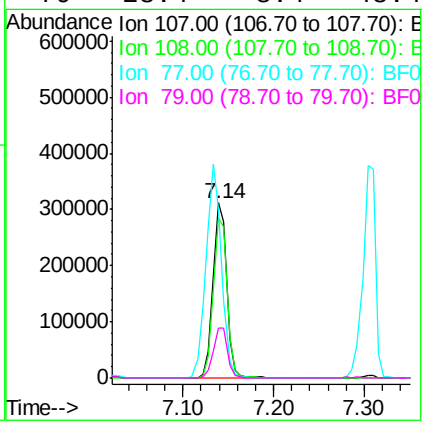


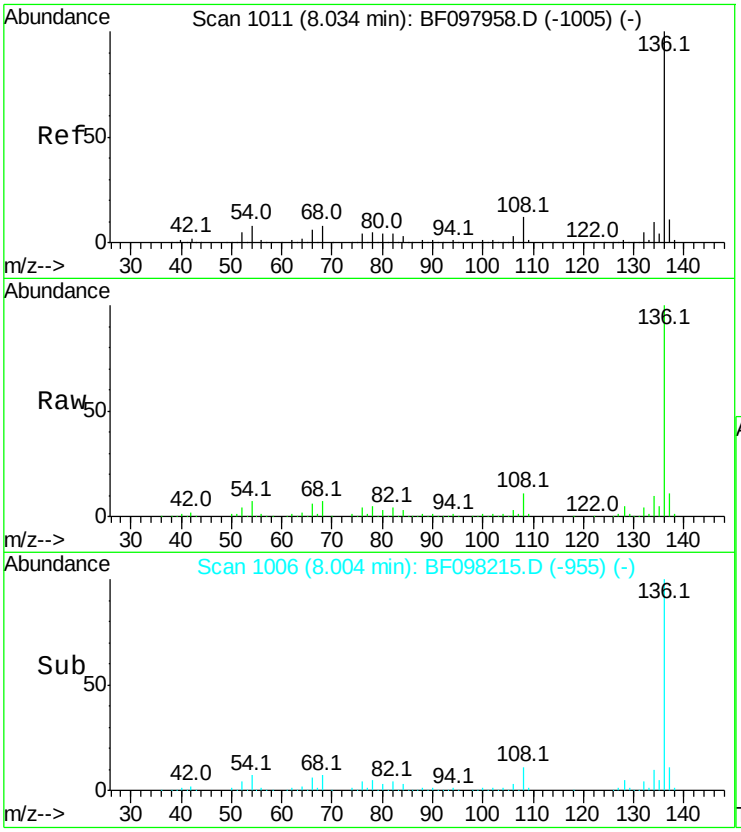




#20
3+4-Methylphenols
Concen: 42.025 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:107 Resp: 328840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 71.0 | 111.0 |
| 77 | 96.3 | 90.5 | 130.5 |
| 79 | 28.4 | 8.4 | 48.4 |



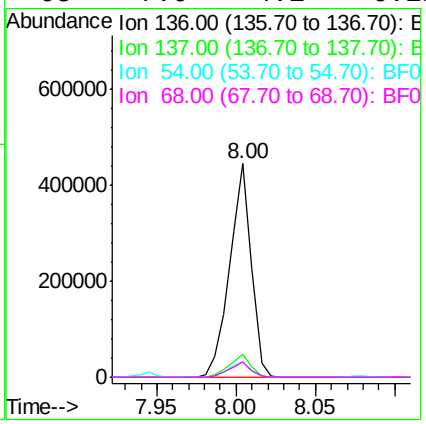


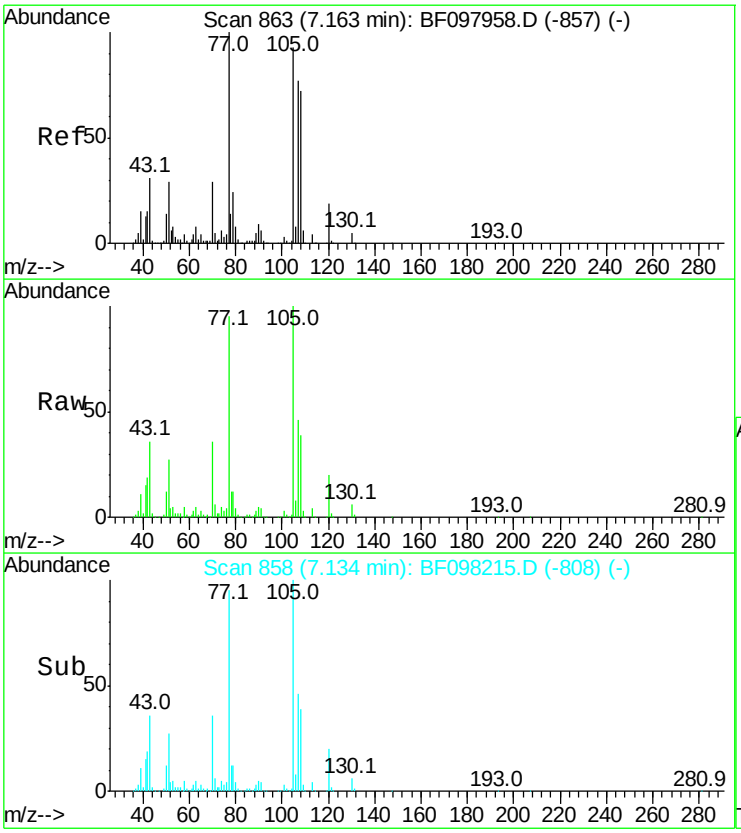

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:136 Resp: 418417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.5 | 12.7 |
| 54 | 7.5 | 4.9 | 7.3# |
| 68 | 7.0 | 4.1 | 6.1# |

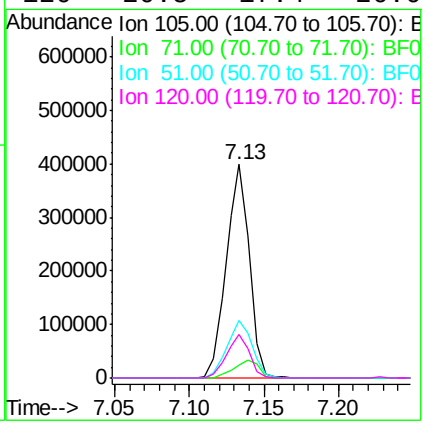


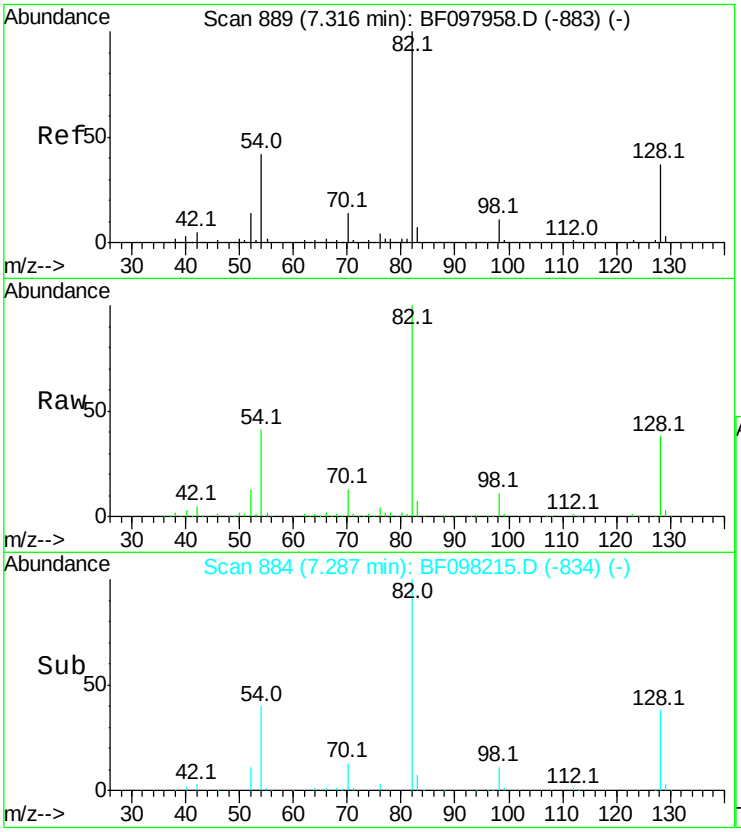




#22
Acetophenone
Concen: 39.509 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:105 Resp: 436712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.2 | 2.8 | 4.2# |
| 51 | 27.0 | 30.7 | 46.1# |
| 120 | 20.5 | 17.4 | 26.0 |



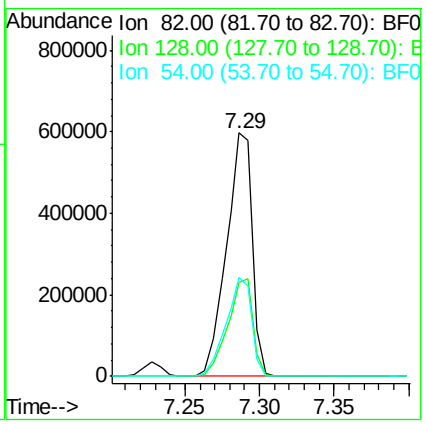


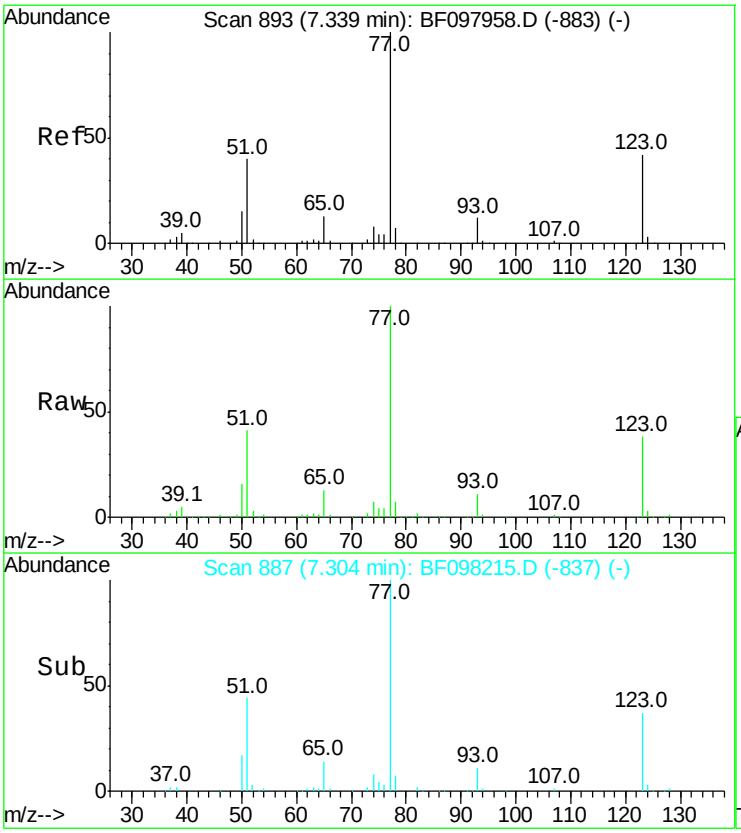

#23
Nitrobenzene-d5
Concen: 94.067 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 82 Resp: 724516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.4 | 34.0 | 51.0 |
| 54 | 40.7 | 42.2 | 63.2# |

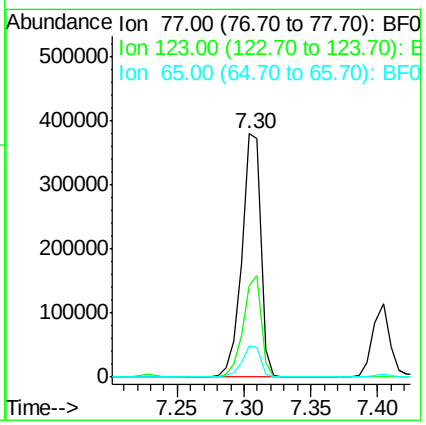


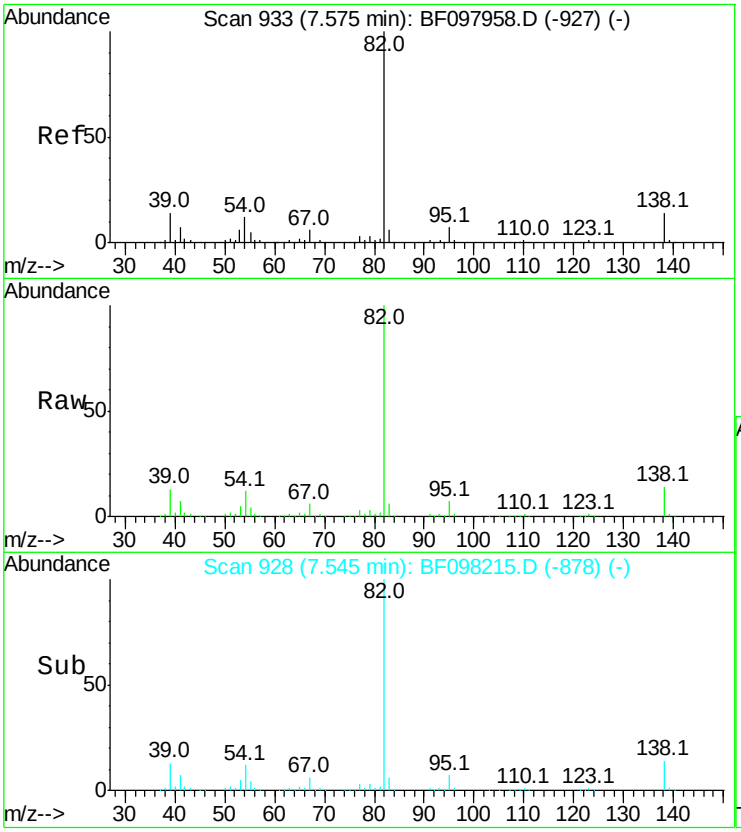




#24
Nitrobenzene
Concen: 43.211 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 77 Resp: 370574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.6 | 35.8 | 53.8 |
| 65 | 12.8 | 10.6 | 15.8 |



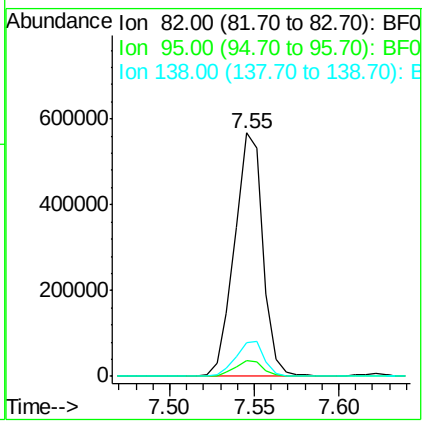


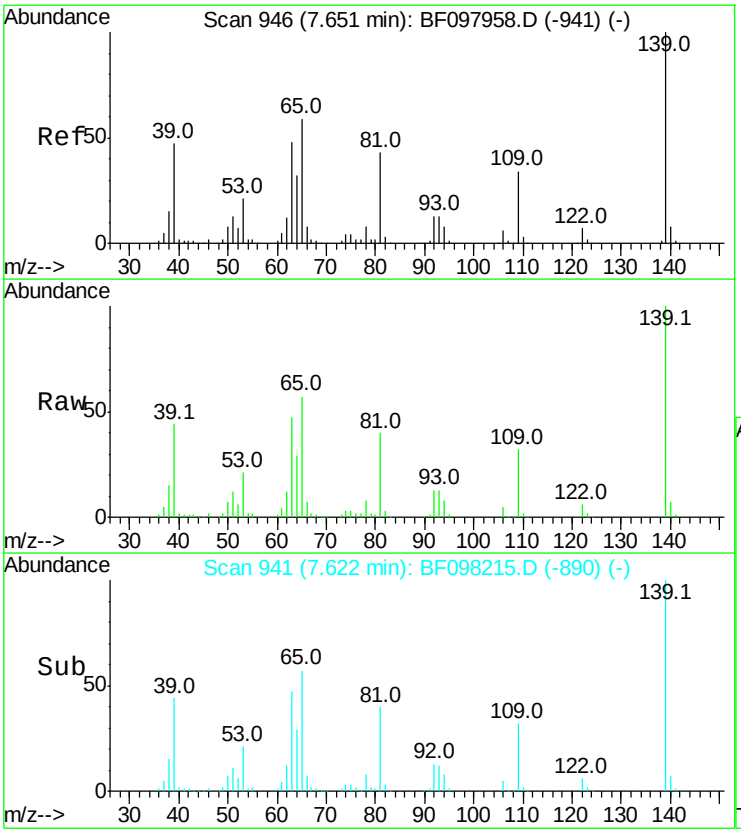

#25
Isophorone
Concen: 41.481 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 82 Resp: 664336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.3 | 7.9 |
| 138 | 14.1 | 13.1 | 19.7 |

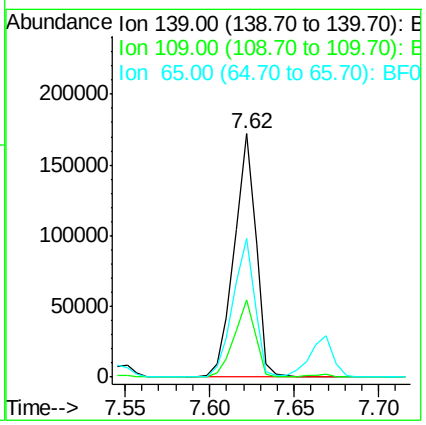


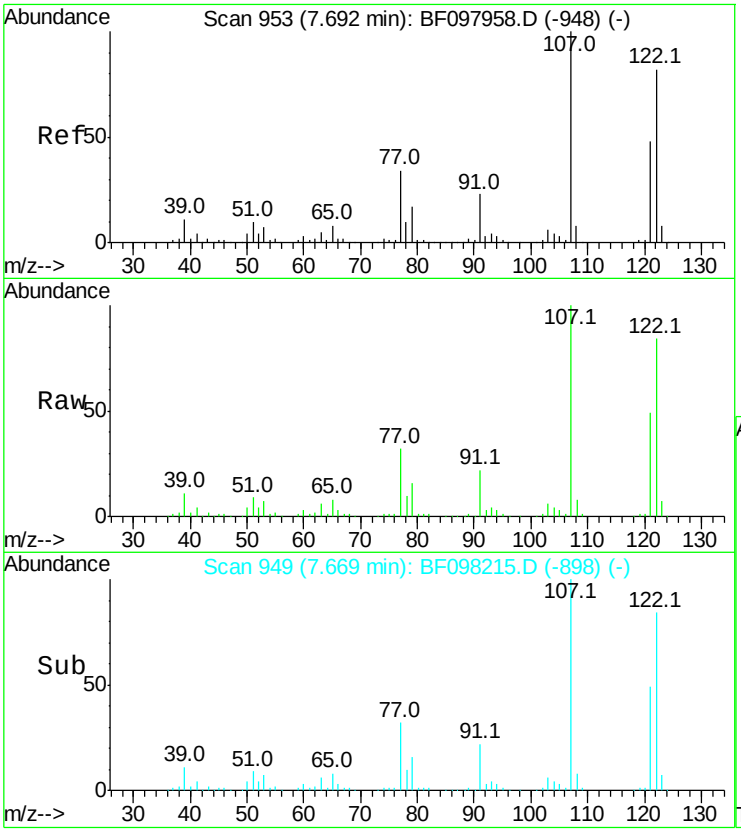




#26
2-Nitrophenol
Concen: 49.202 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:139 Resp: 153329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.6 | 21.0 | 31.6# |
| 65 | 56.8 | 33.0 | 49.6# |



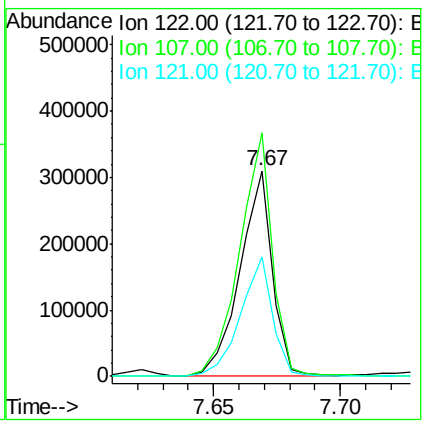


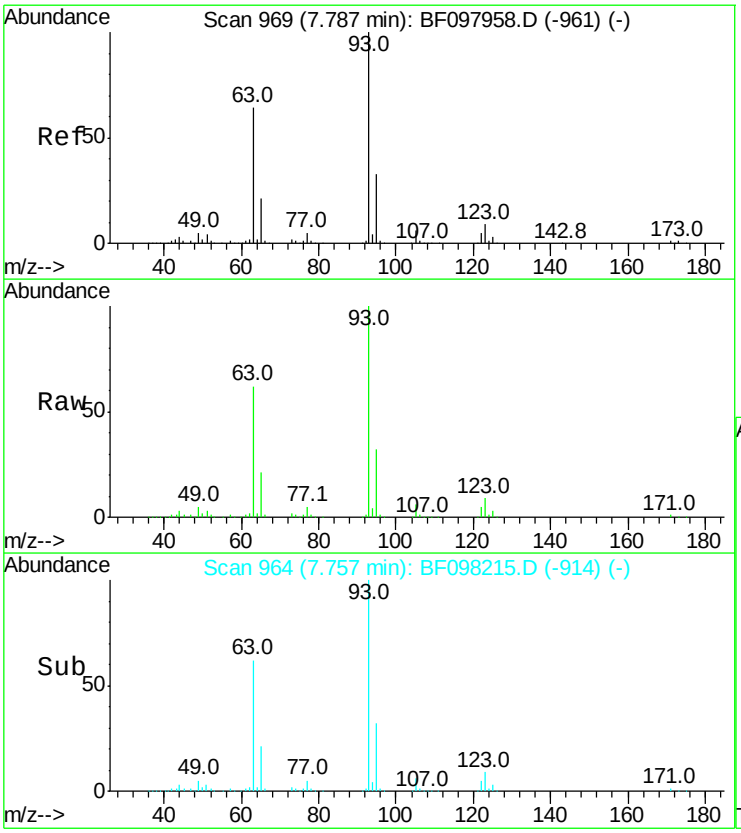

#27
2,4-Dimethylphenol
Concen: 41.138 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:122 Resp: 274773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.5 | 89.2 | 133.8 |
| 121 | 58.4 | 45.2 | 67.8 |

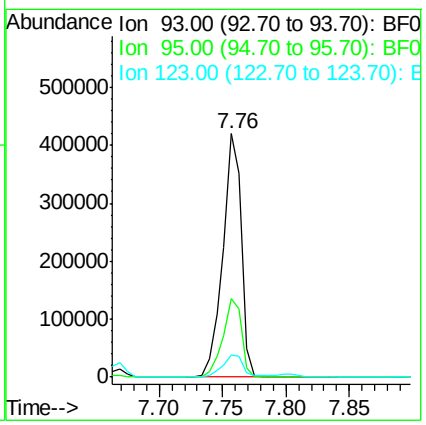


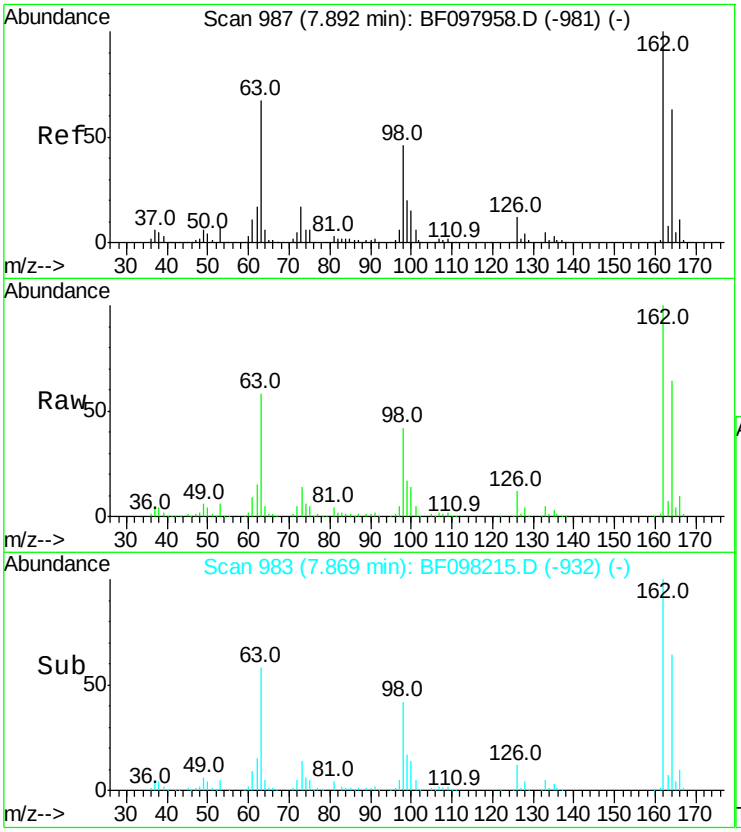




#28
bis(2-Chloroethoxy)methane
Concen: 40.200 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 93 Resp: 423269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 26.5 | 39.7 |
| 123 | 9.1 | 9.0 | 13.4 |



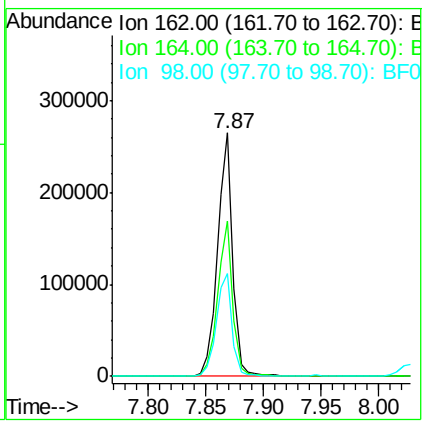


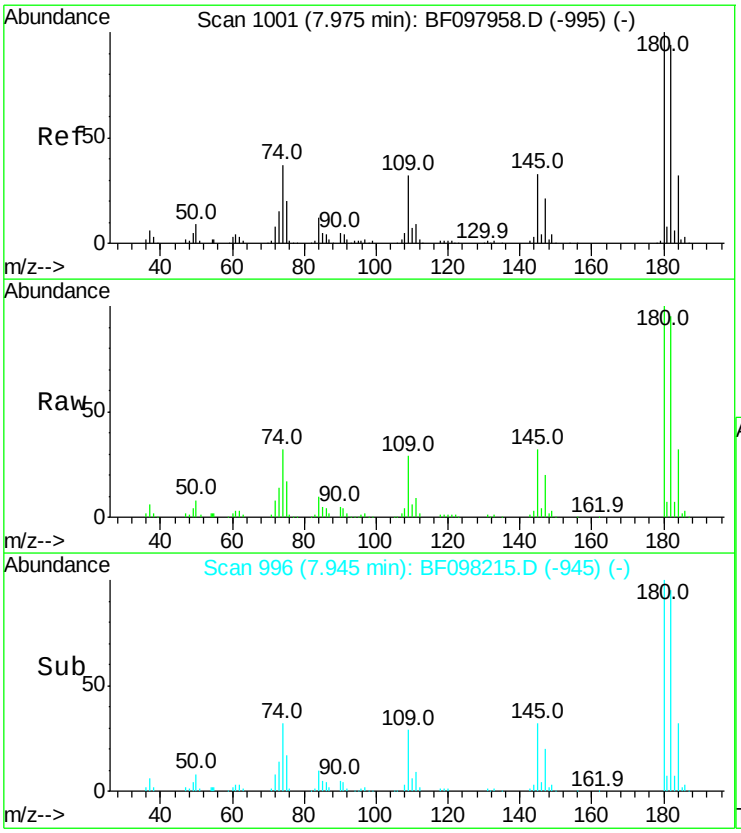

#29
2,4-Dichlorophenol
Concen: 43.257 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:162 Resp: 239839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 44.6 | 84.6 |
| 98 | 42.1 | 14.8 | 54.8 |

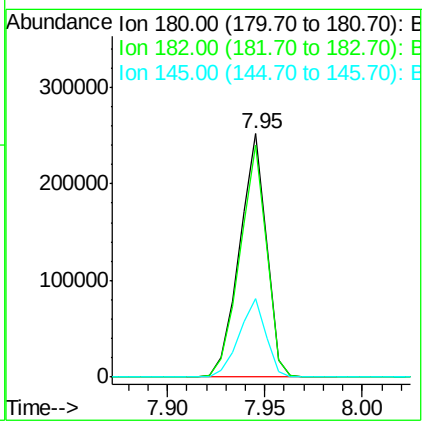


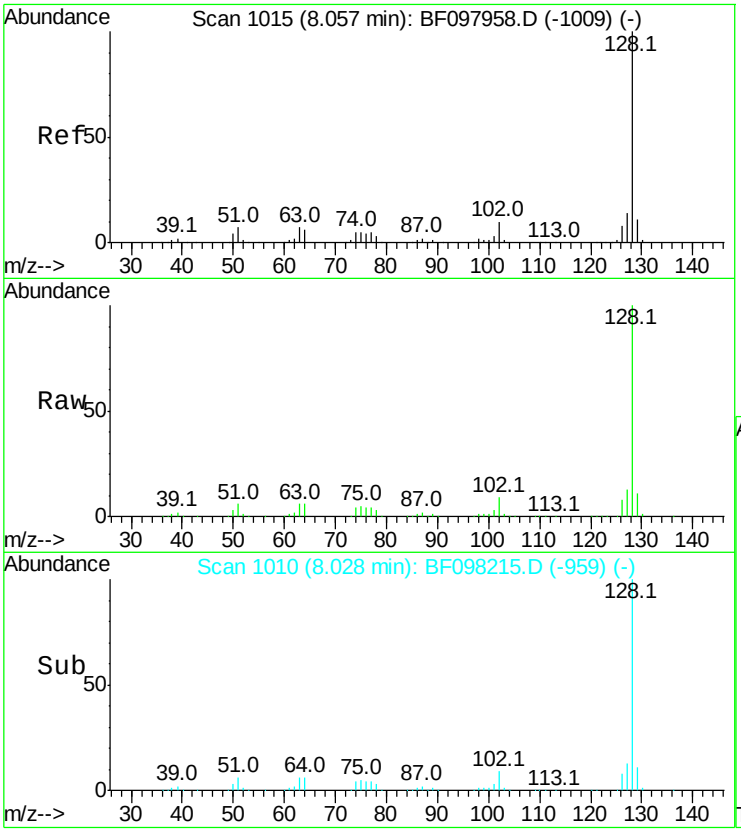




#30
1,2,4-Trichlorobenzene
Concen: 39.000 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:180 Resp: 239712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 75.8 | 113.6 |
| 145 | 32.5 | 25.3 | 37.9 |



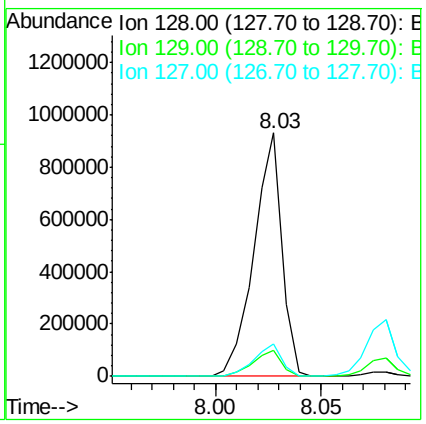


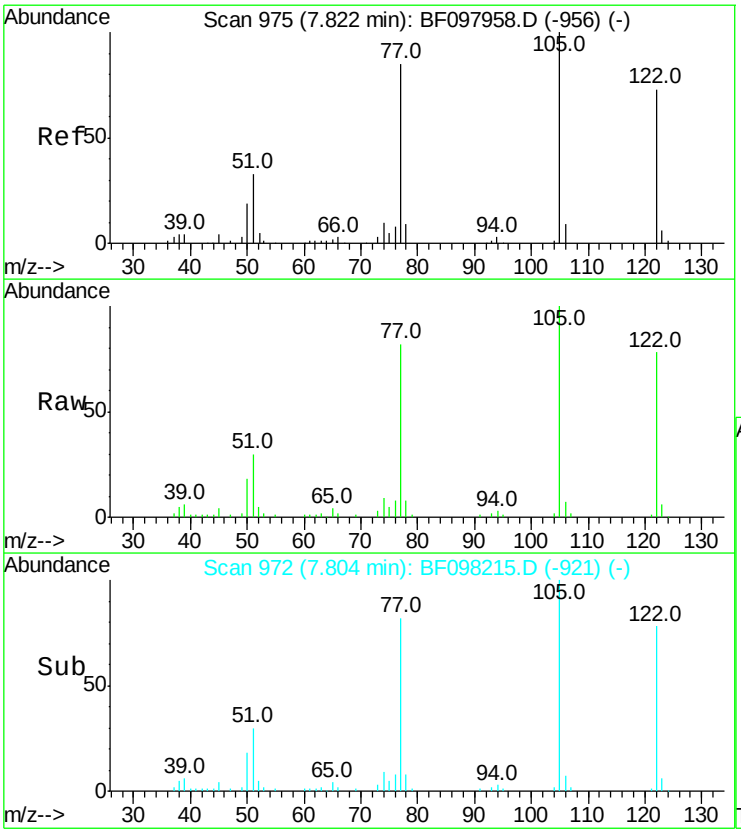

#31
Naphthalene
Concen: 39.573 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:128 Resp: 859620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.4 | 10.8 | 16.2 |

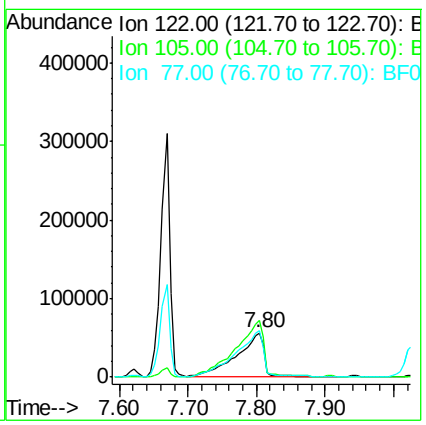


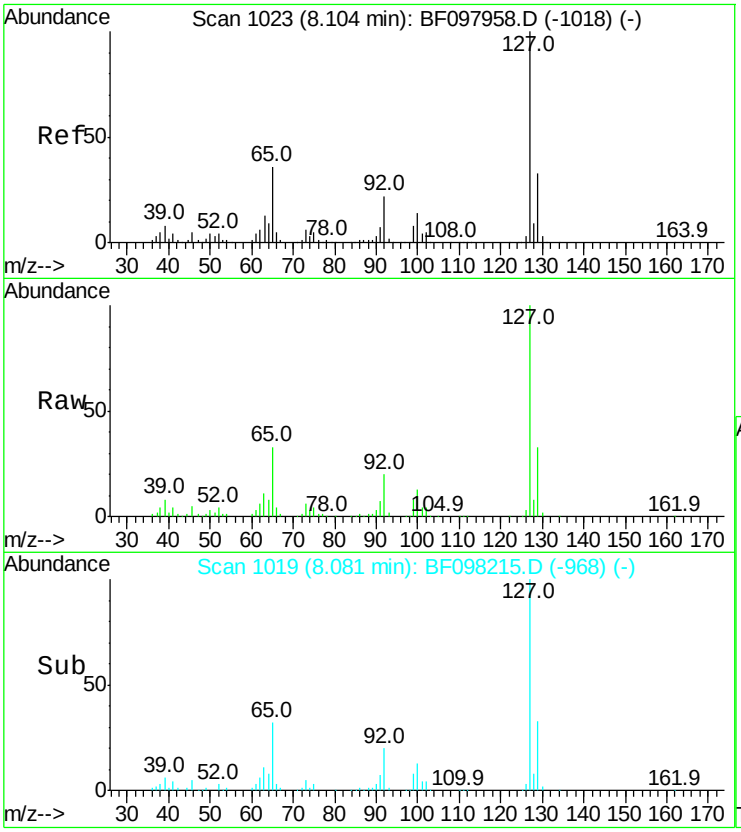




#32
Benzoic acid
Concen: 34.645 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:122 Resp: 158598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.8 | 103.3 | 143.3 |
| 77 | 106.1 | 73.7 | 113.7 |



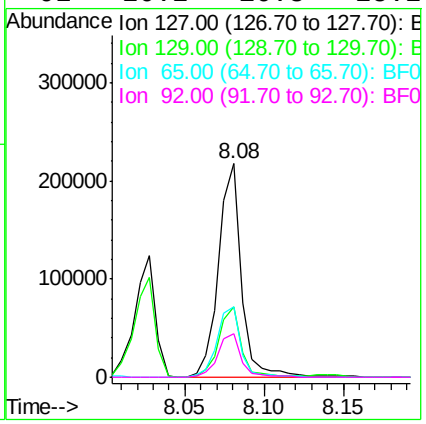


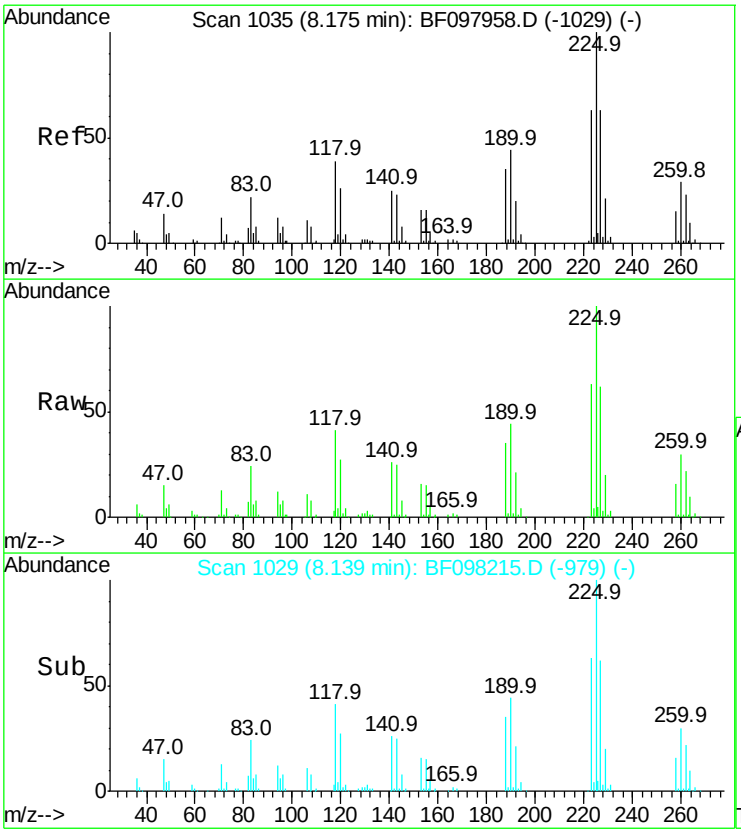

#33
4-Chloroaniline
Concen: 23.645 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:127 Resp: 216615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 26.2 | 39.2 |
| 65 | 32.8 | 27.8 | 41.8 |
| 92 | 20.2 | 16.8 | 25.2 |

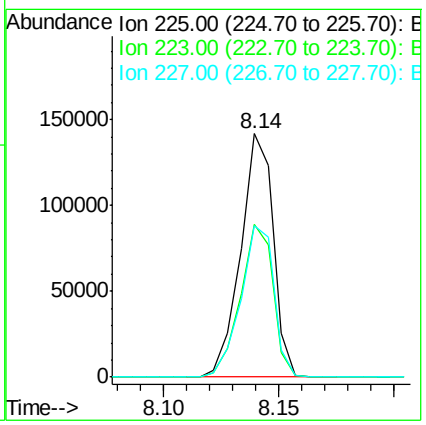


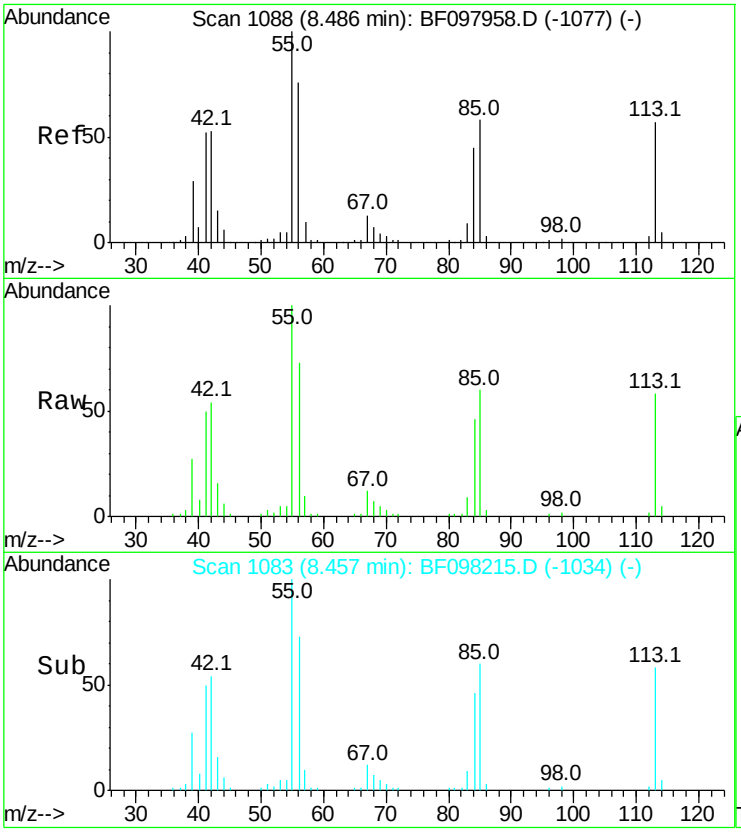




#34
Hexachlorobutadiene
Concen: 39.073 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:225 Resp: 140223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 48.8 | 73.2 |
| 227 | 62.4 | 51.1 | 76.7 |



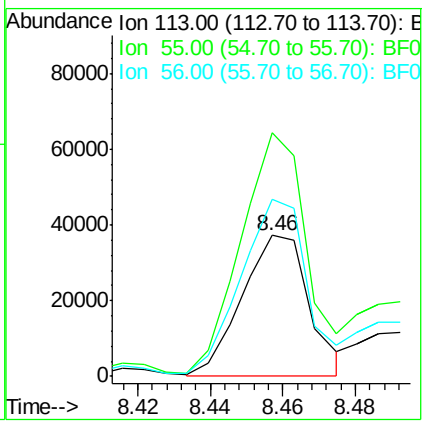


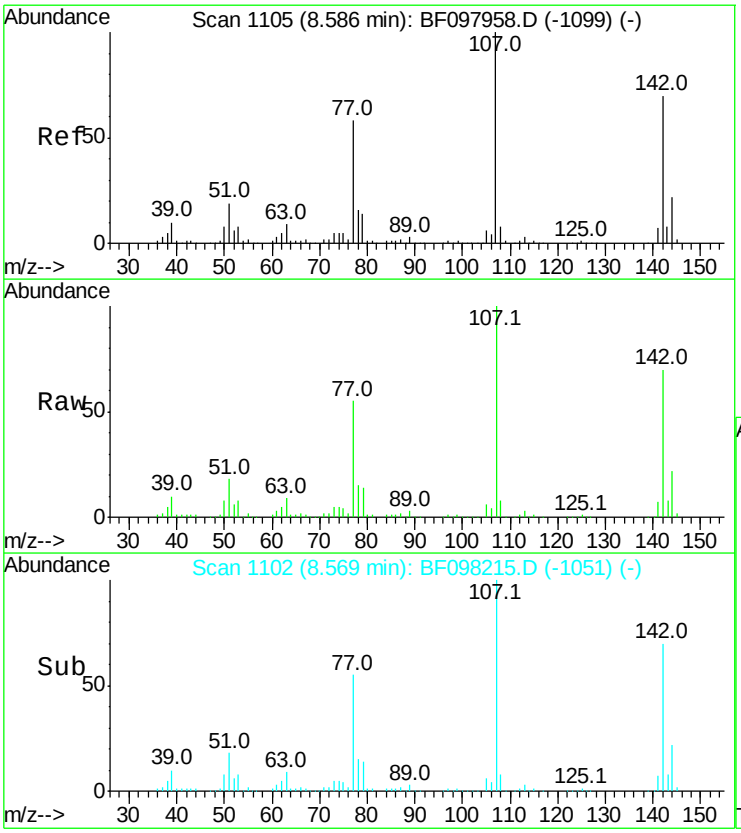

#35
Caprolactam
Concen: 25.492 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:113 Resp: 48051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 172.5 | 150.2 | 190.2 |
| 56 | 125.1 | 107.8 | 147.8 |

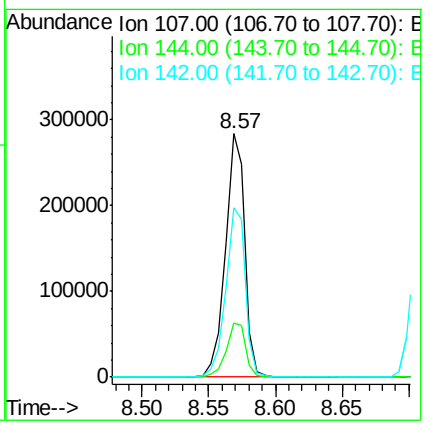


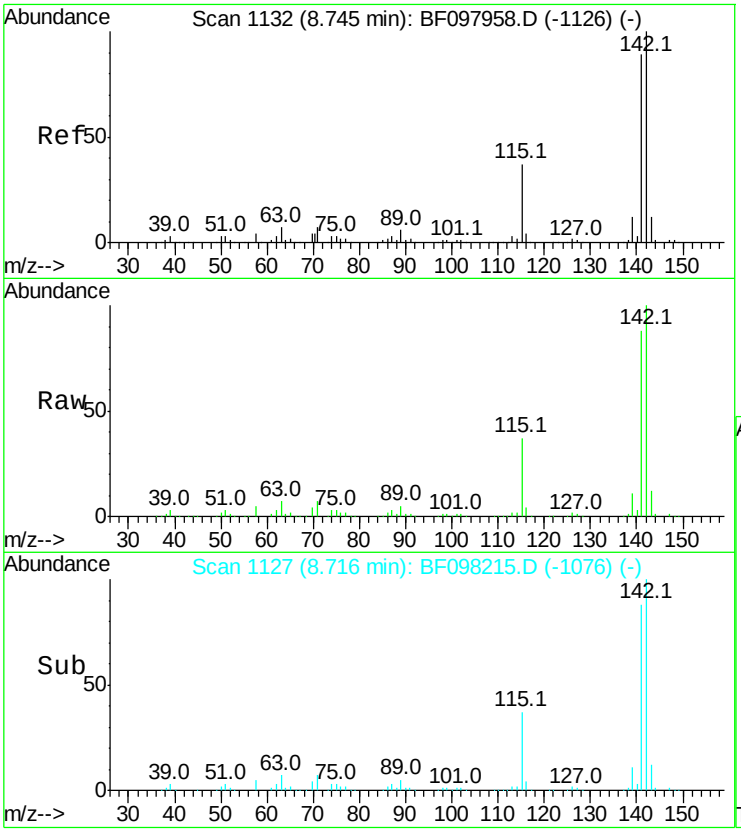




#36
4-Chloro-3-methylphenol
Concen: 40.828 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:107 Resp: 290847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.0 | 24.2 | 36.4# |
| 142 | 69.8 | 73.4 | 110.0# |



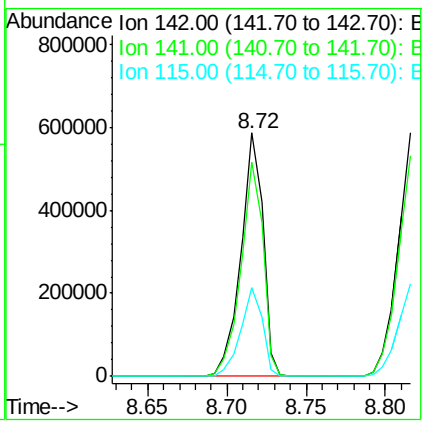


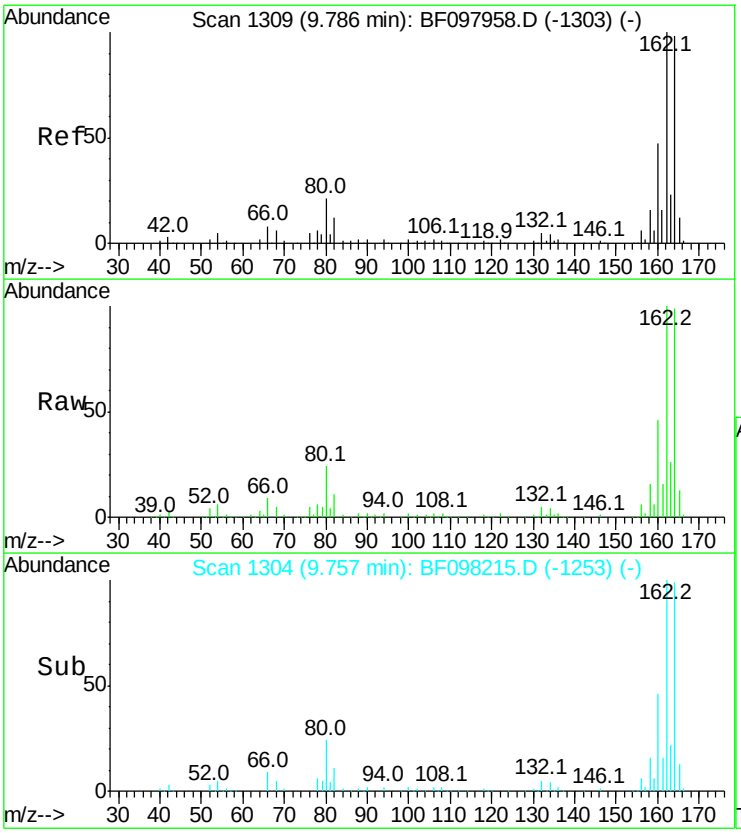

#37
2-Methylnaphthalene
Concen: 42.468 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:142 Resp: 565574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.3 | 106.9 |
| 115 | 36.7 | 27.1 | 40.7 |

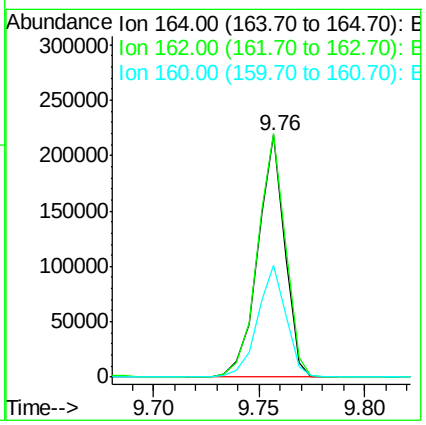


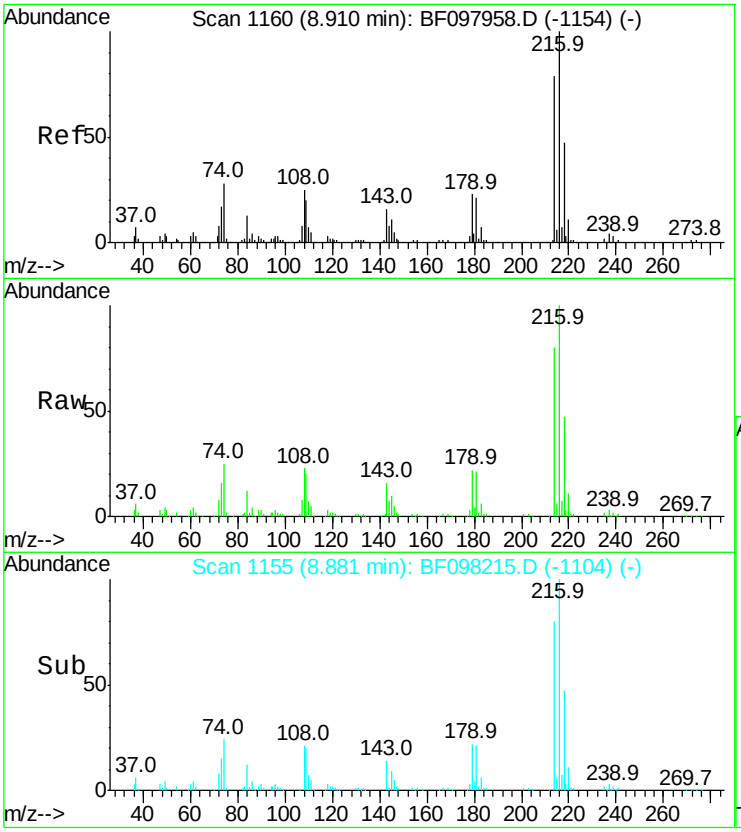




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:164 Resp: 194623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 82.6 | 123.8 |
| 160 | 46.4 | 36.2 | 54.2 |



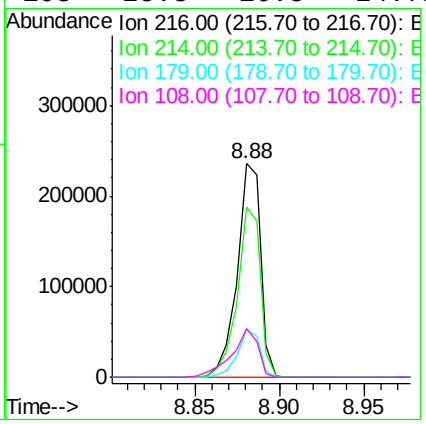


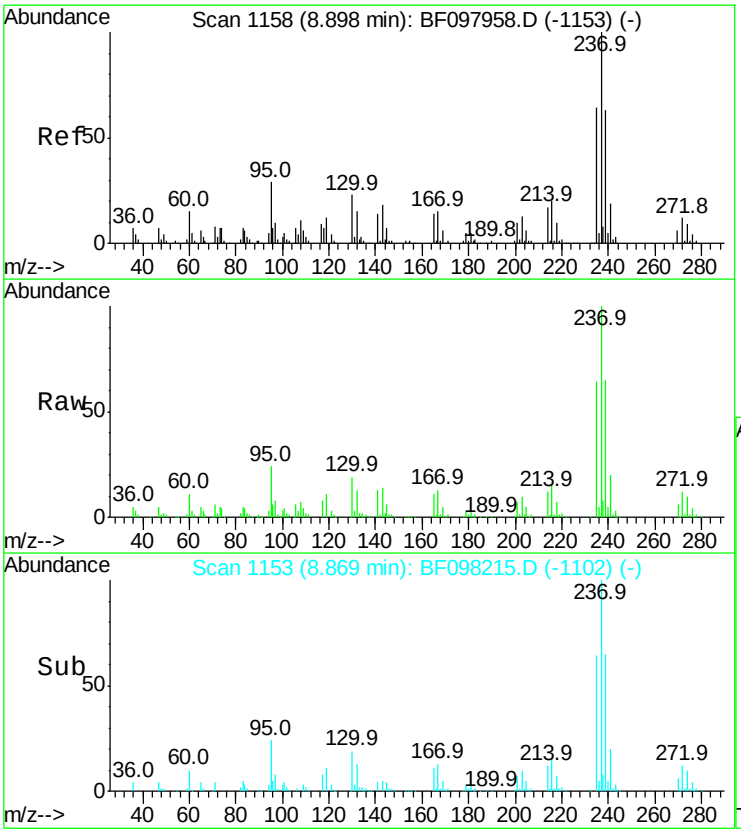

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.290 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:216 Resp: 228700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 63.4 | 95.2 |
| 179 | 21.3 | 17.9 | 26.9 |
| 108 | 25.3 | 16.5 | 24.7# |

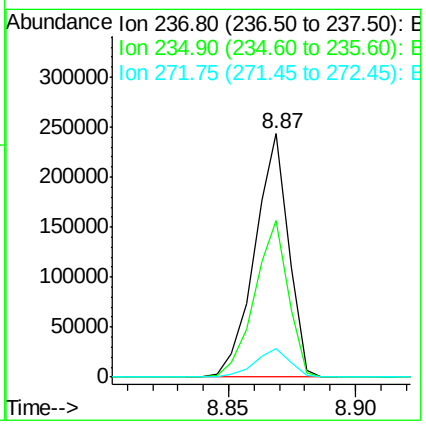


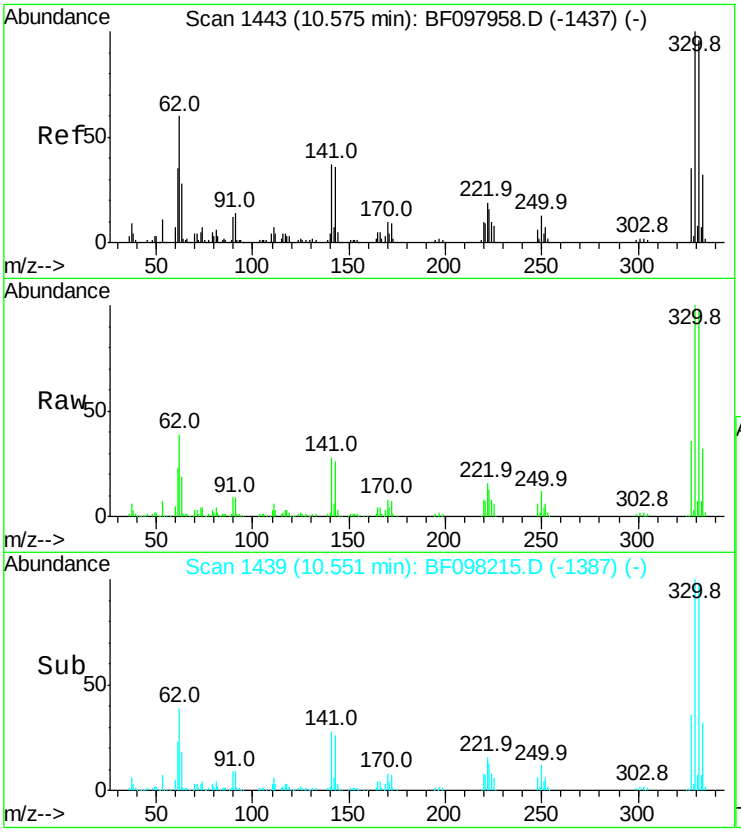




#40
Hexachlorocyclopentadiene
Concen: 78.382 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:237 Resp: 224912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 42.6 | 82.6 |
| 272 | 11.7 | 0.0 | 31.9 |



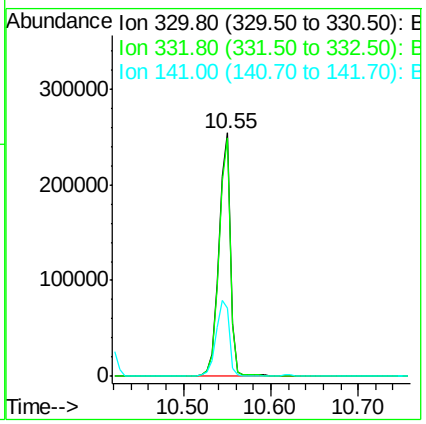


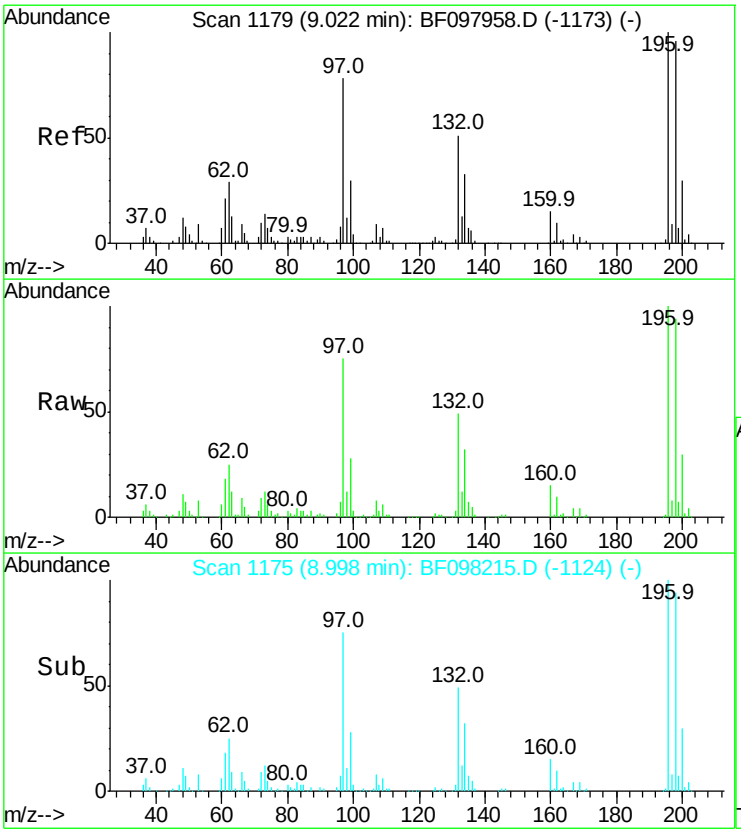

#41
2,4,6-Tribromophenol
Concen: 139.084 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:330 Resp: 234867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.6 | 115.0 |
| 141 | 35.5 | 31.4 | 47.2 |

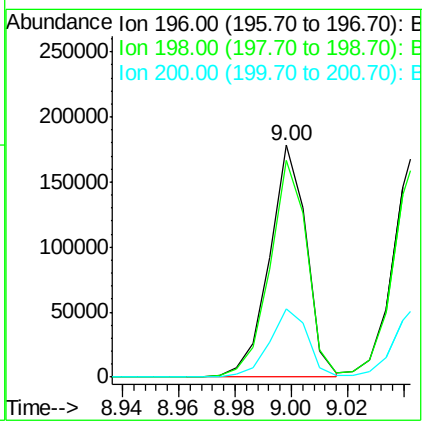


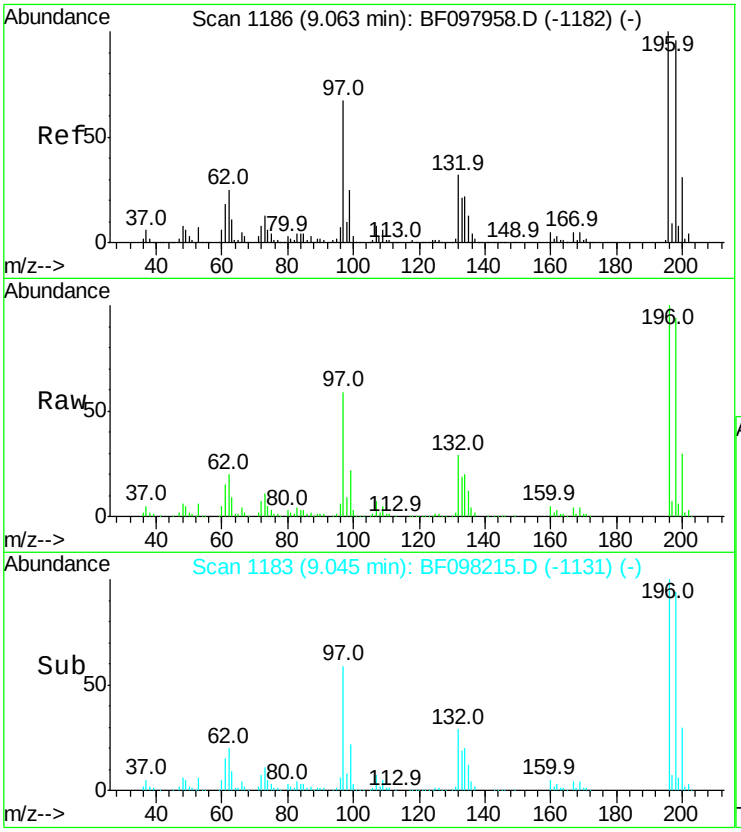




#42
2,4,6-Trichlorophenol
Concen: 40.260 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:196 Resp: 161447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.6 | 74.2 | 111.4 |
| 200 | 29.7 | 24.0 | 36.0 |



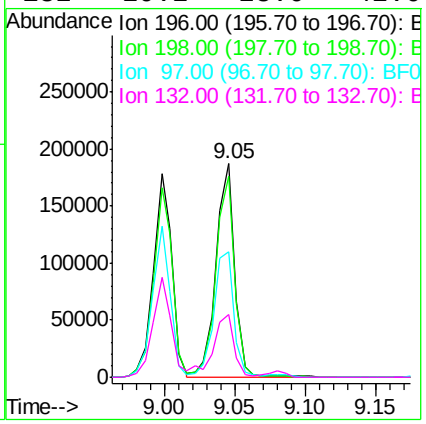


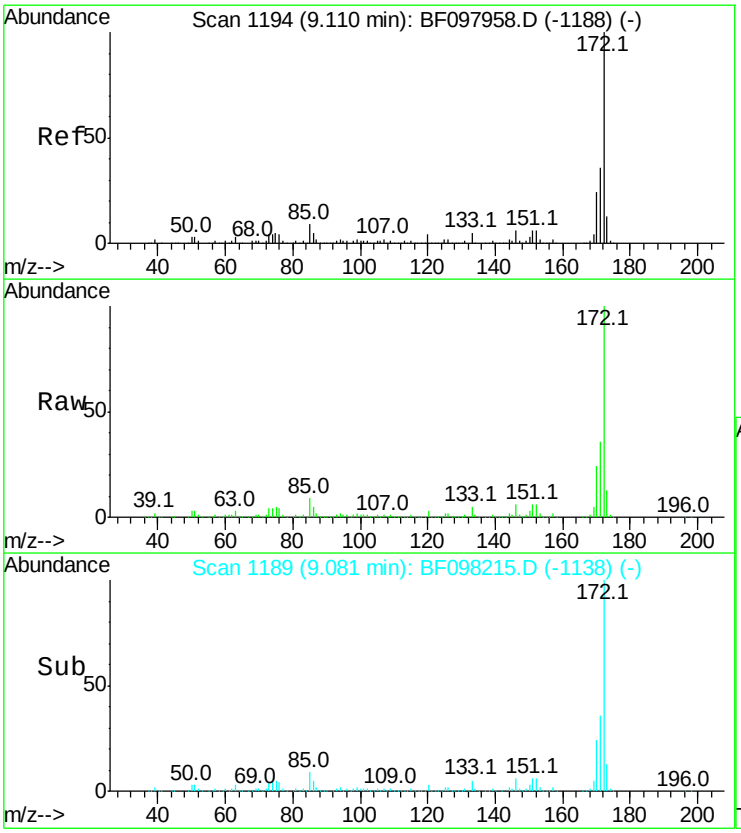

#43
2,4,5-Trichlorophenol
Concen: 43.041 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:196 Resp: 171229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.7 | 113.5 |
| 97 | 58.8 | 47.7 | 71.5 |
| 132 | 29.2 | 28.0 | 42.0 |

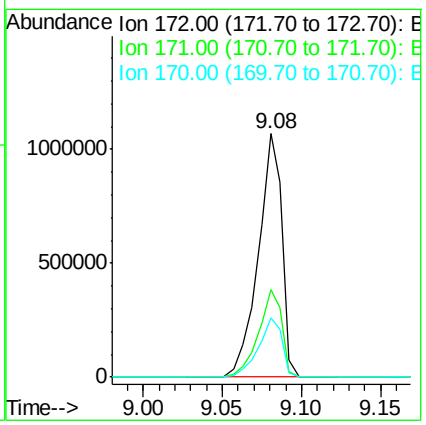


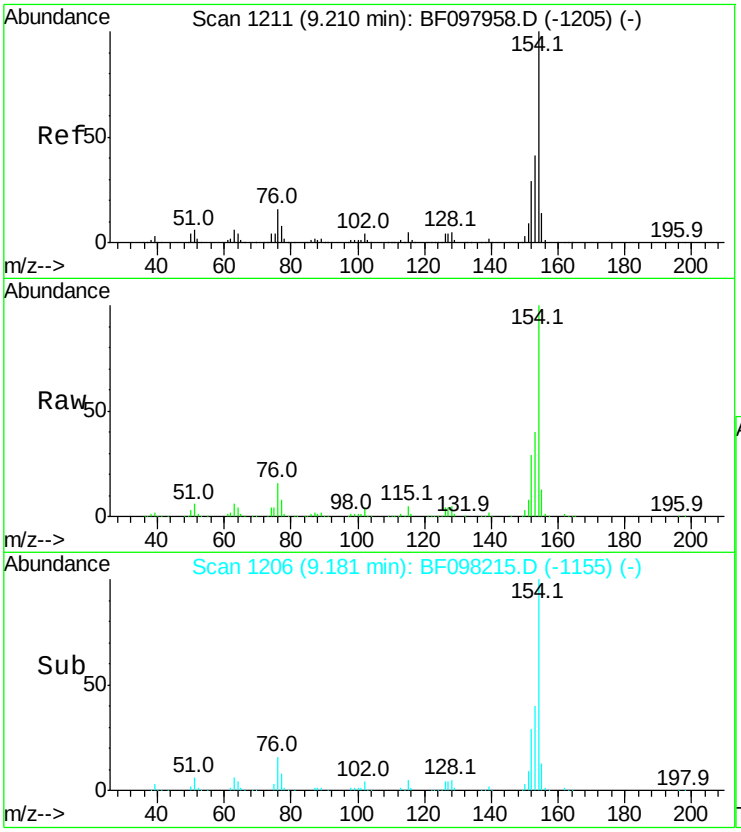




#44
2-Fluorobiphenyl
Concen: 84.104 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:172 Resp: 1114105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.6 | 44.4 |
| 170 | 24.3 | 19.8 | 29.8 |



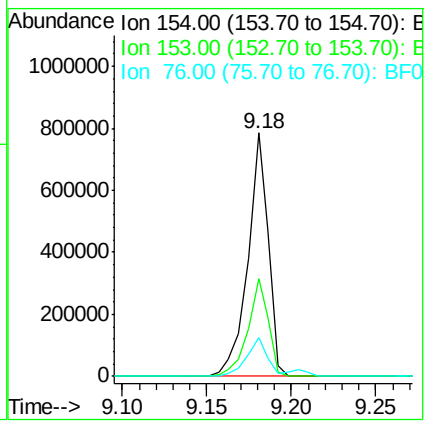


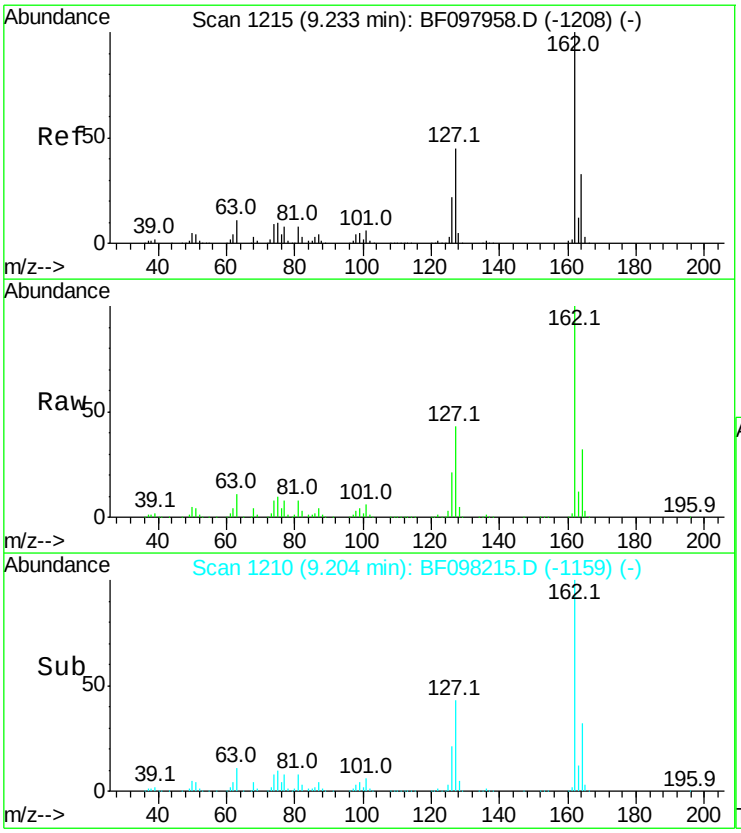

#45
1,1'-Biphenyl
Concen: 37.351 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:154 Resp: 662889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 21.2 | 61.2 |
| 76 | 16.2 | 0.0 | 29.9 |

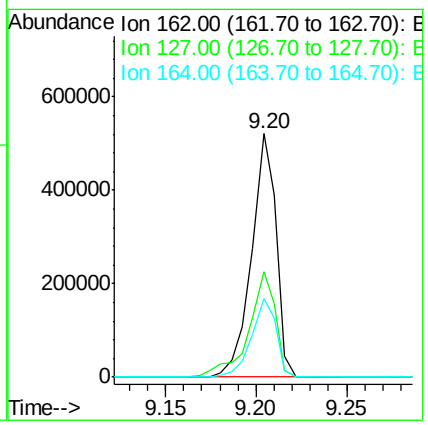


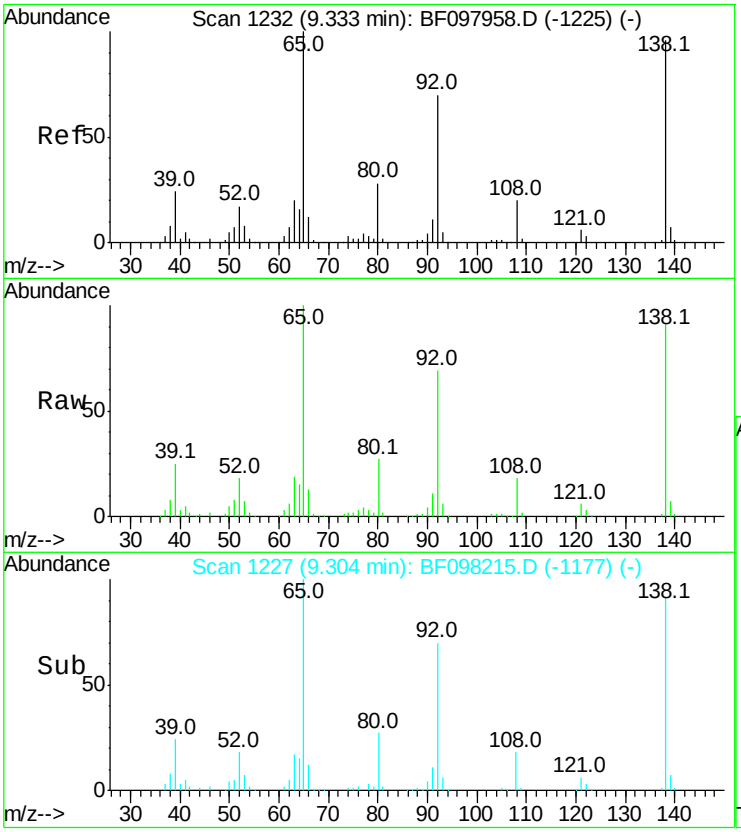




#46
2-Chloronaphthalene
Concen: 37.331 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:162 Resp: 489538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.4 | 28.3 | 42.5# |
| 164 | 32.1 | 27.0 | 40.4 |



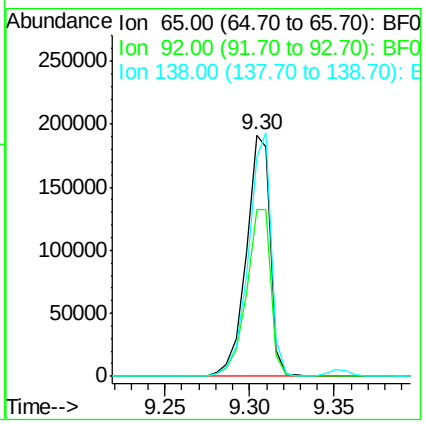


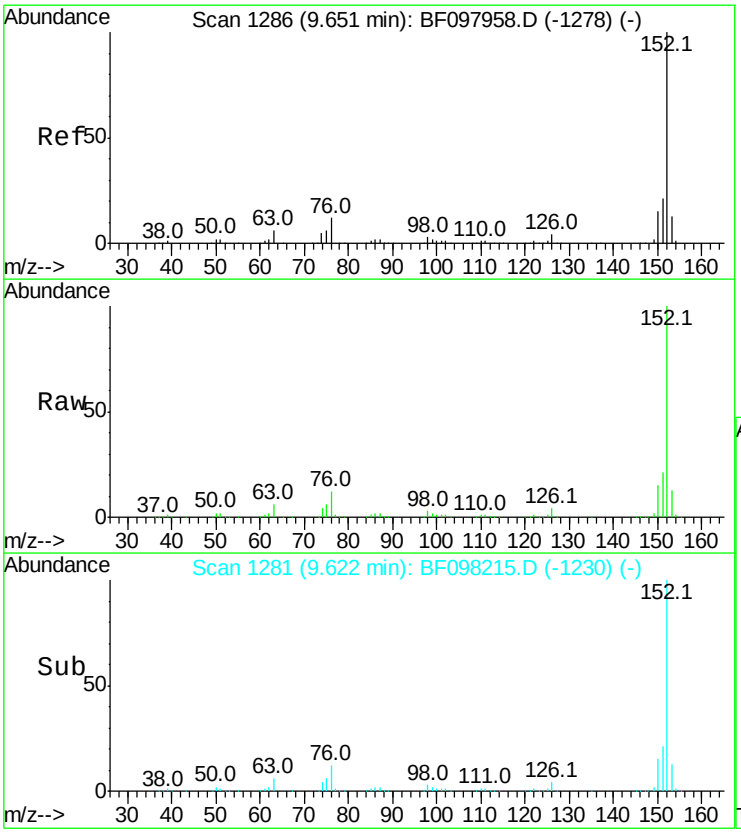

#47
2-Nitroaniline
Concen: 43.369 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion: 65 Resp: 190658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.3 | 53.9 | 80.9 |
| 138 | 90.9 | 78.8 | 118.2 |

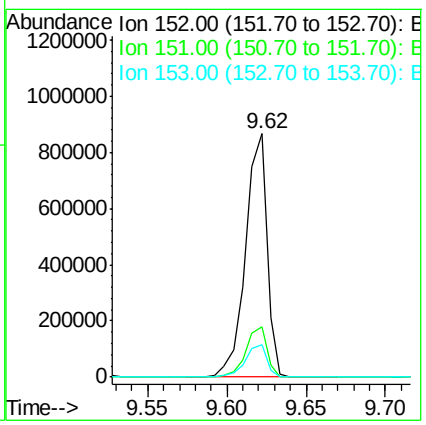


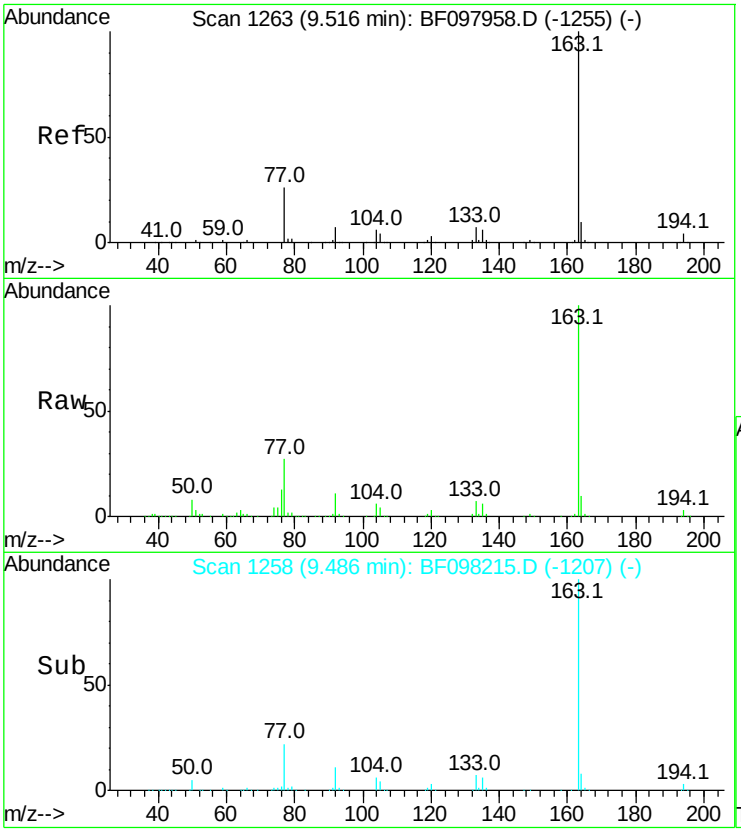




#48
Acenaphthylene
Concen: 39.449 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:152 Resp: 812365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.8 | 25.2 |
| 153 | 13.2 | 10.8 | 16.2 |



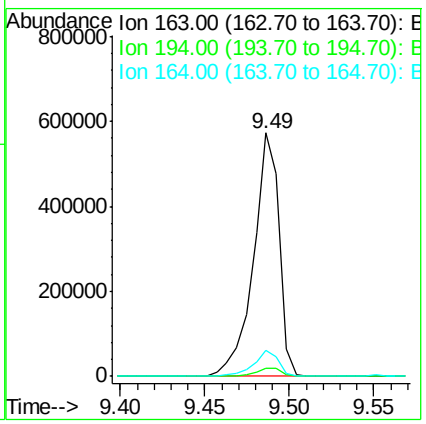


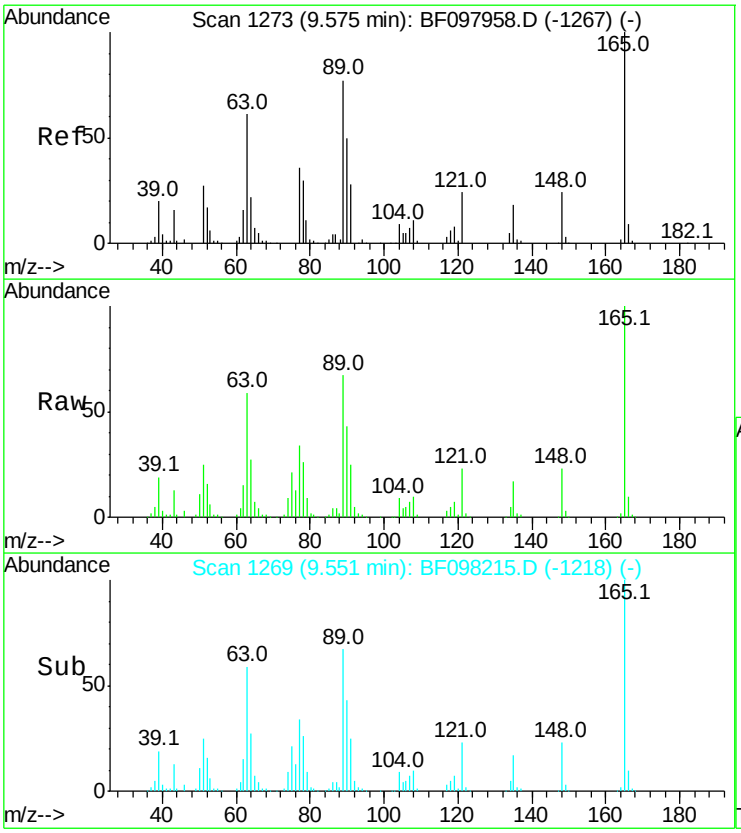

#49
Dimethylphthalate
Concen: 42.327 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:163 Resp: 602157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.6 | 4.0 |
| 164 | 10.4 | 8.4 | 12.6 |

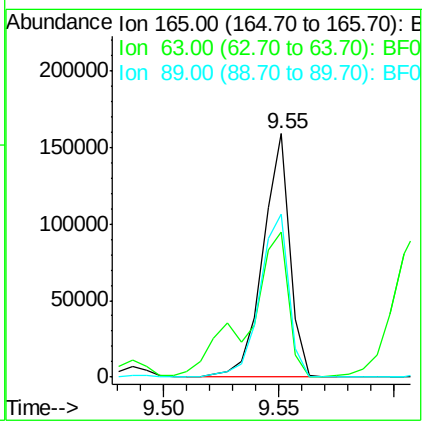


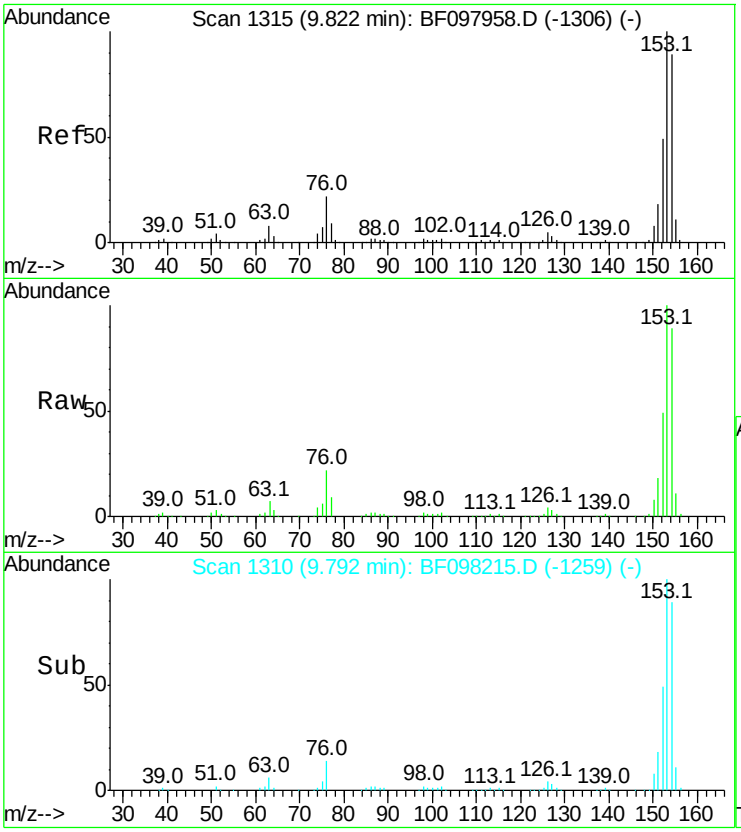




#50
2,6-Dinitrotoluene
Concen: 45.125 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:165 Resp: 128141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.4 | 34.3 | 51.5# |
| 89 | 66.7 | 37.1 | 55.7# |



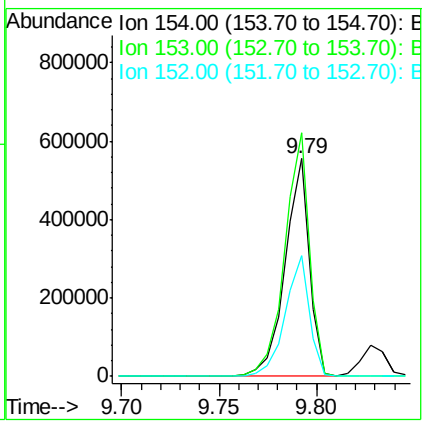


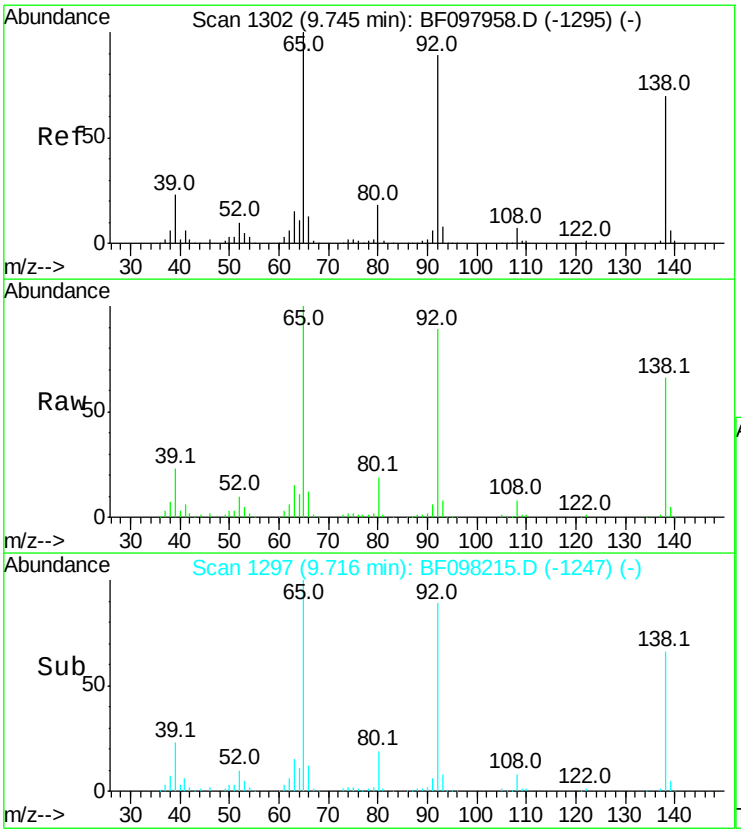

#51
Acenaphthene
Concen: 36.766 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:154 Resp: 477496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.8 | 90.5 | 135.7 |
| 152 | 55.2 | 43.6 | 65.4 |

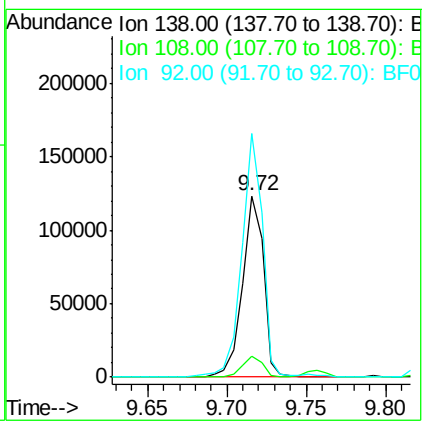


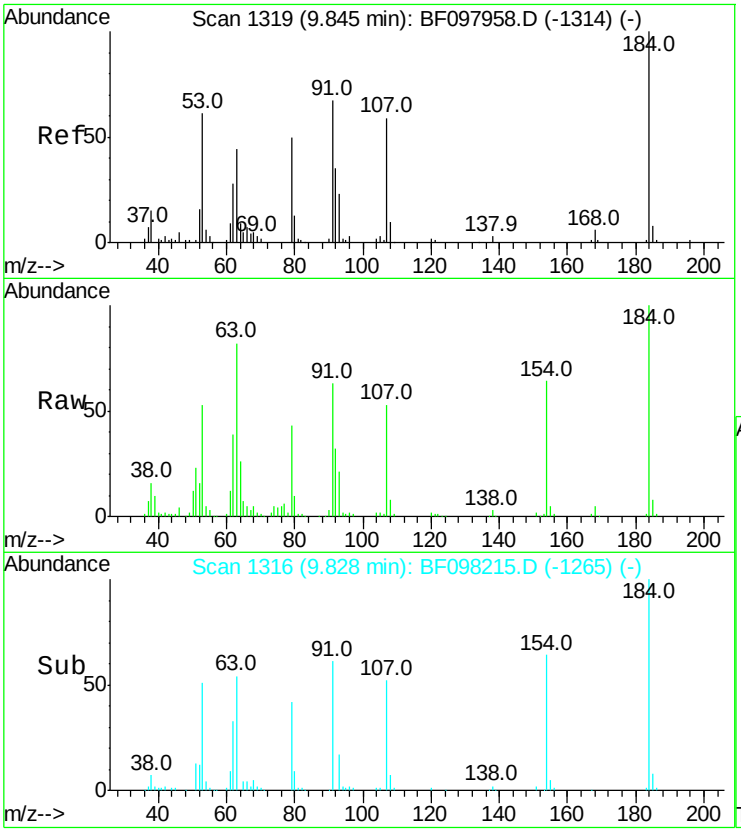




#52
3-Nitroaniline
Concen: 30.912 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:138 Resp: 113256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.6 | 9.1 | 13.7 |
| 92 | 134.6 | 93.8 | 140.6 |



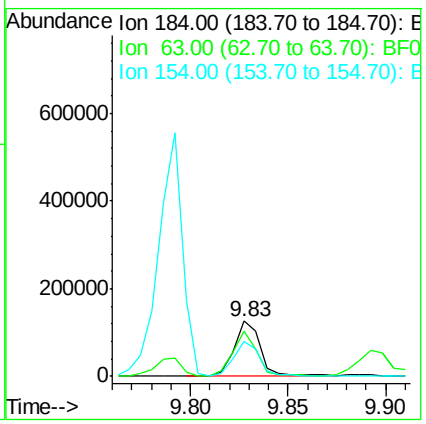


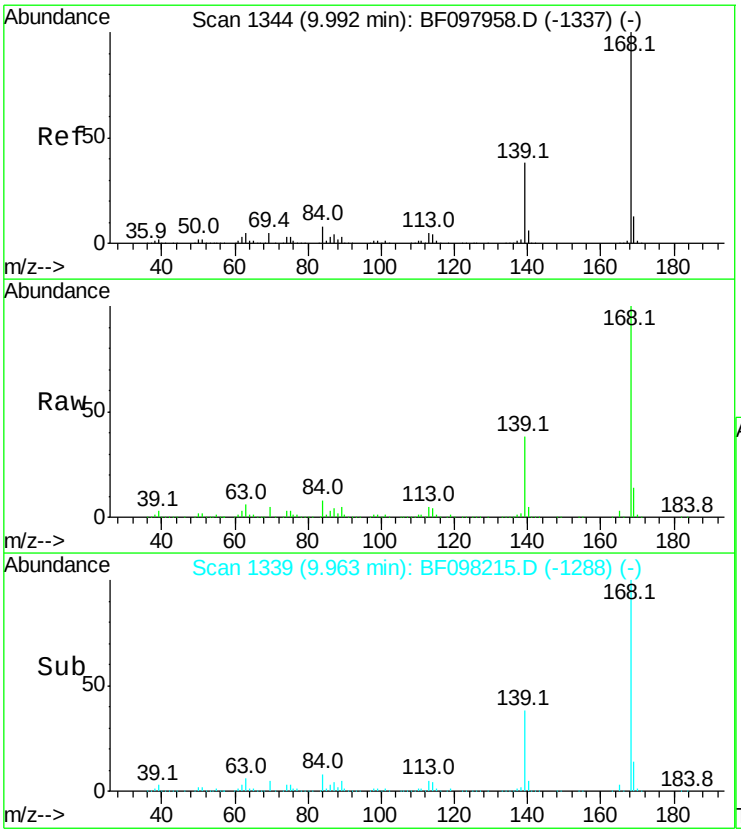

#53
2,4-Dinitrophenol
Concen: 85.696 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:184 Resp: 116876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 82.1 | 62.7 | 94.1 |
| 154 | 64.0 | 81.1 | 121.7# |

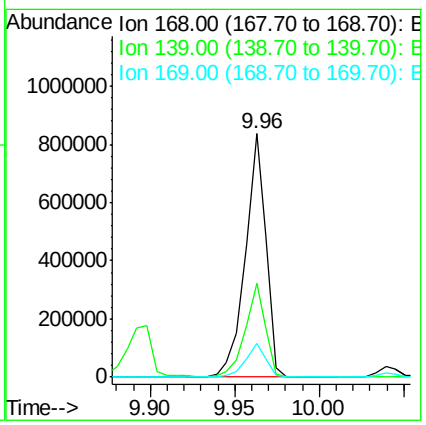


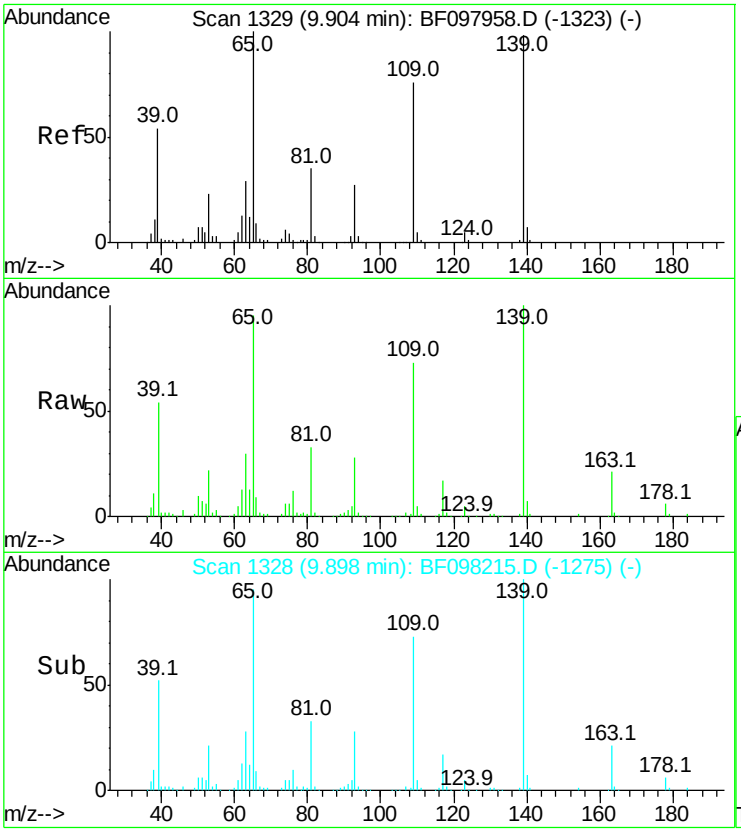




#54
Dibenzofuran
Concen: 41.092 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:168 Resp: 715267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.4 | 30.6 | 45.8 |
| 169 | 13.7 | 10.8 | 16.2 |



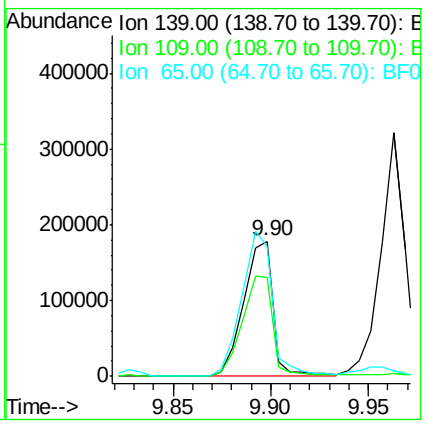


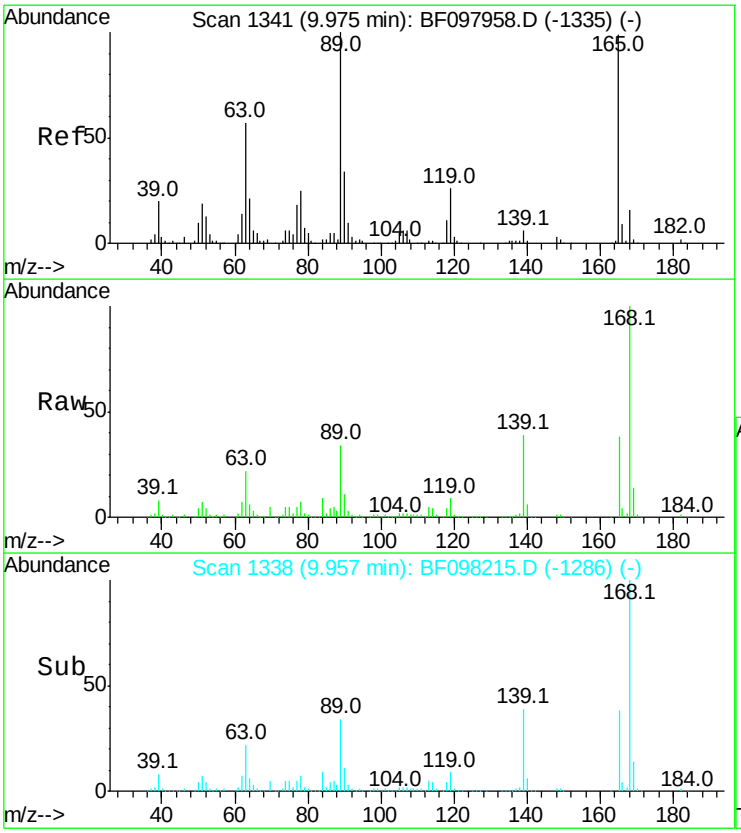

#55
4-Nitrophenol
Concen: 64.227 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:139 Resp: 187713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.7 | 34.1 | 74.1 |
| 65 | 95.4 | 31.4 | 71.4# |

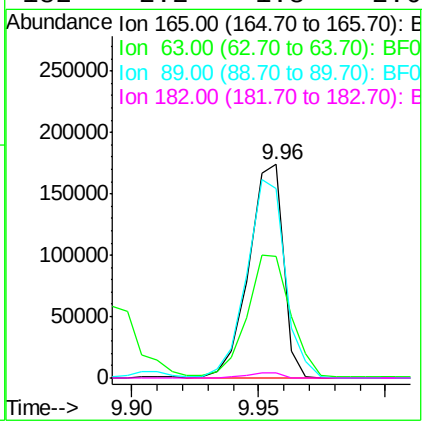


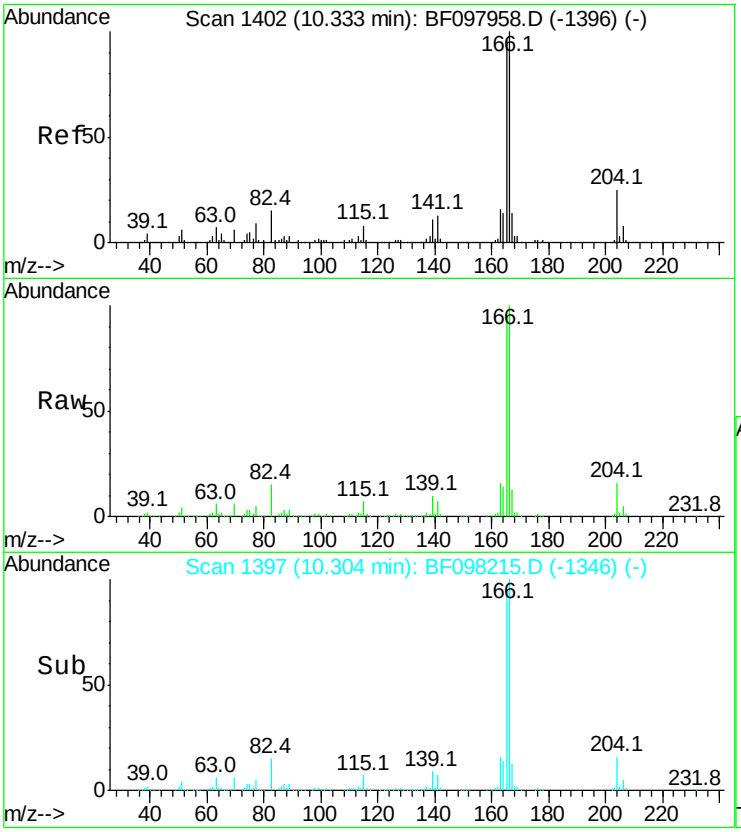




#56
2,4-Dinitrotoluene
Concen: 46.557 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:165 Resp: 165916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.0 | 25.4 | 38.0# |
| 89 | 88.6 | 46.4 | 69.6# |
| 182 | 2.2 | 1.8 | 2.6 |



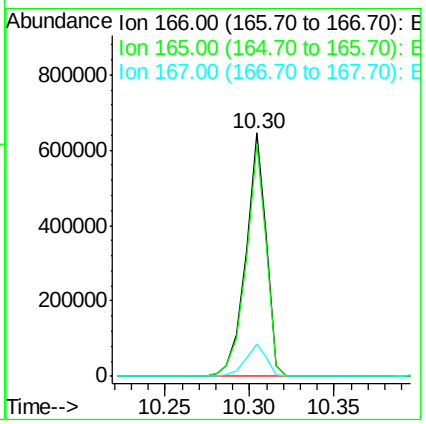


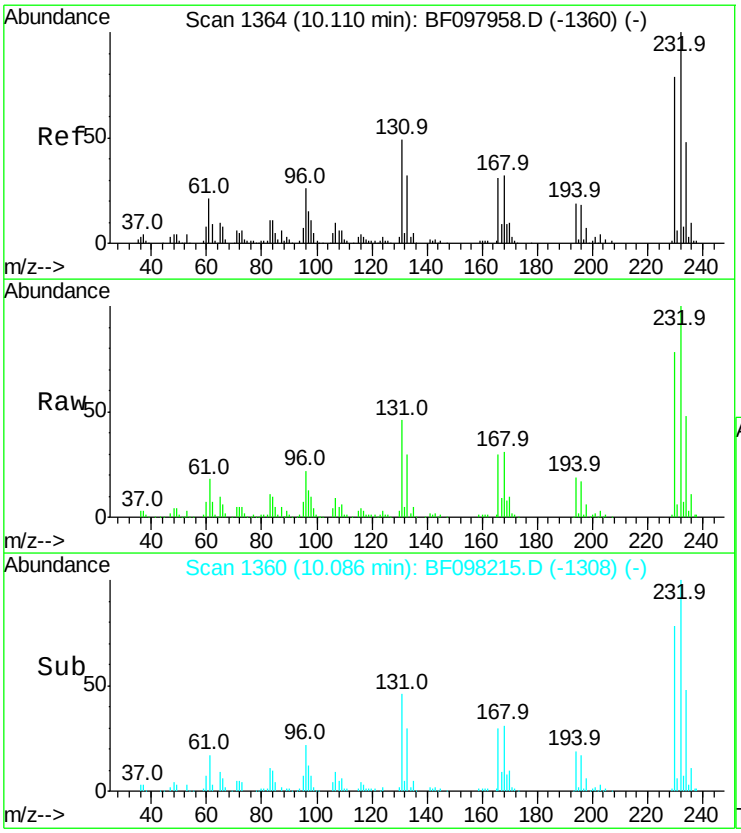

#57
Fluorene
Concen: 40.519 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:166 Resp: 545291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.1 | 78.8 | 118.2 |
| 167 | 13.4 | 10.6 | 16.0 |

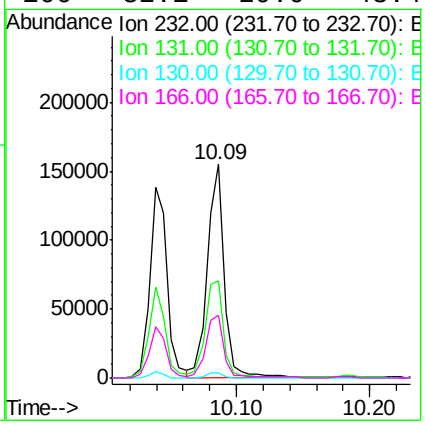


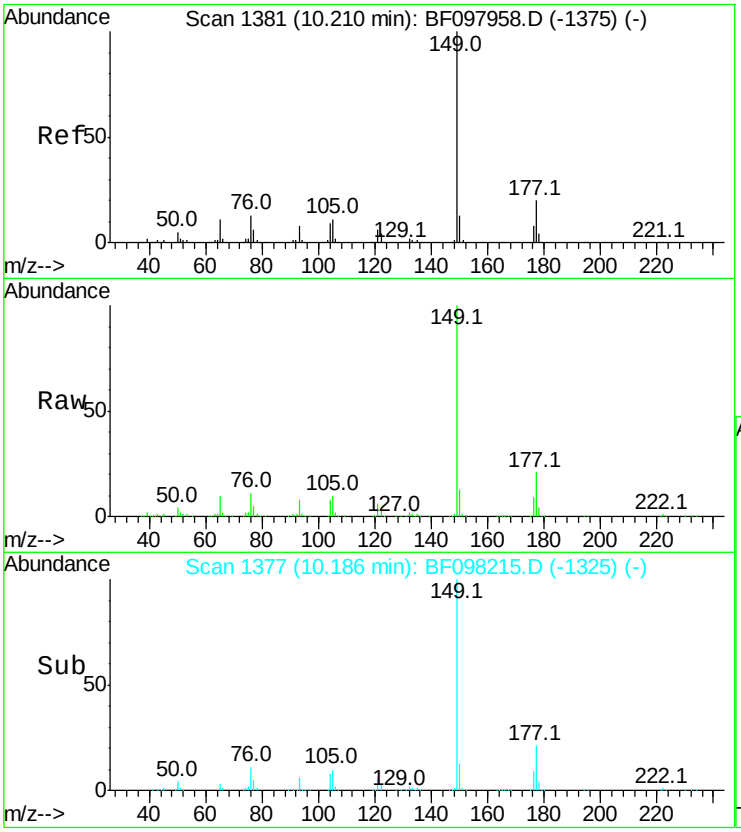




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.400 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:232 Resp: 136756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.9 | 44.8 | 67.2 |
| 130 | 2.6 | 2.3 | 3.5 |
| 166 | 32.1 | 29.0 | 43.4 |



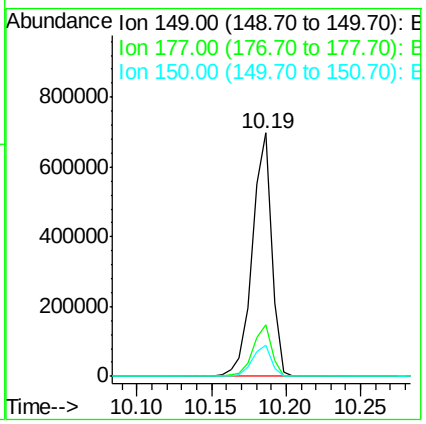


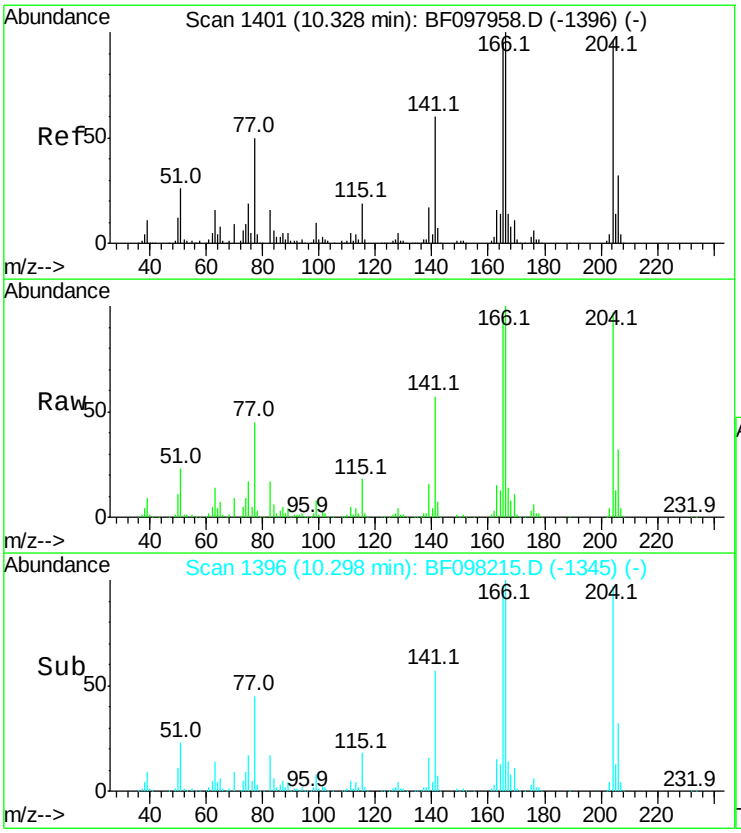

#59
Diethylphthalate
Concen: 41.494 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:149 Resp: 617305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.2 | 16.7 | 25.1 |
| 150 | 12.7 | 10.2 | 15.2 |

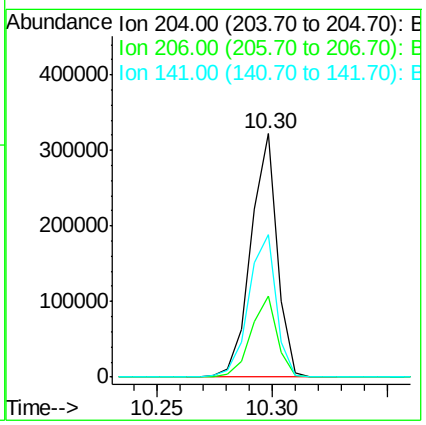


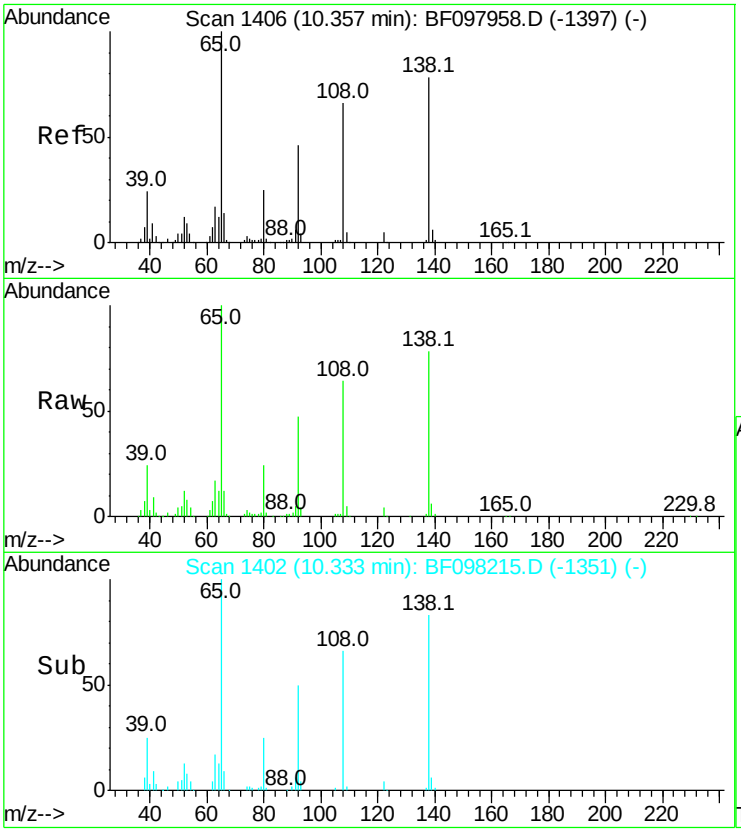




#60
4-Chlorophenyl-phenylether
Concen: 41.010 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:204 Resp: 256394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.2 | 39.2 |
| 141 | 58.7 | 60.8 | 91.2# |



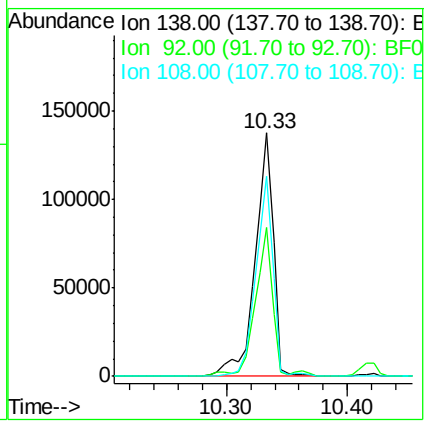


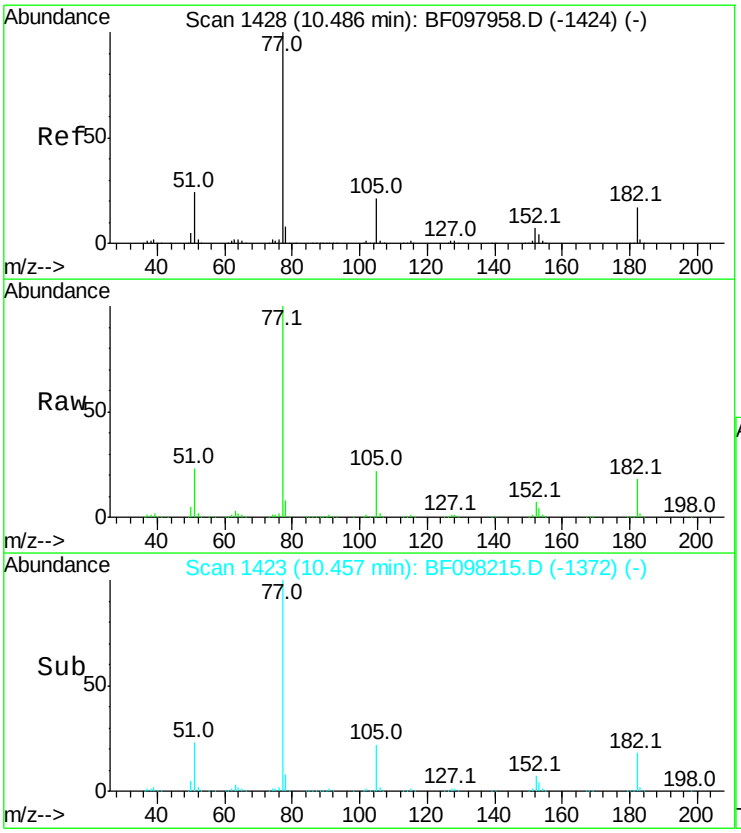

#61
4-Nitroaniline
Concen: 41.794 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:138 Resp: 145535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 60.9 | 21.8 | 61.8 |
| 108 | 81.9 | 42.3 | 82.3 |

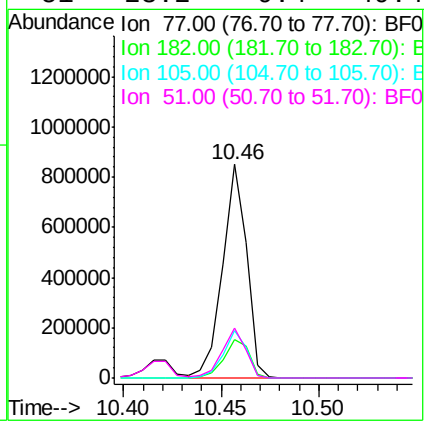


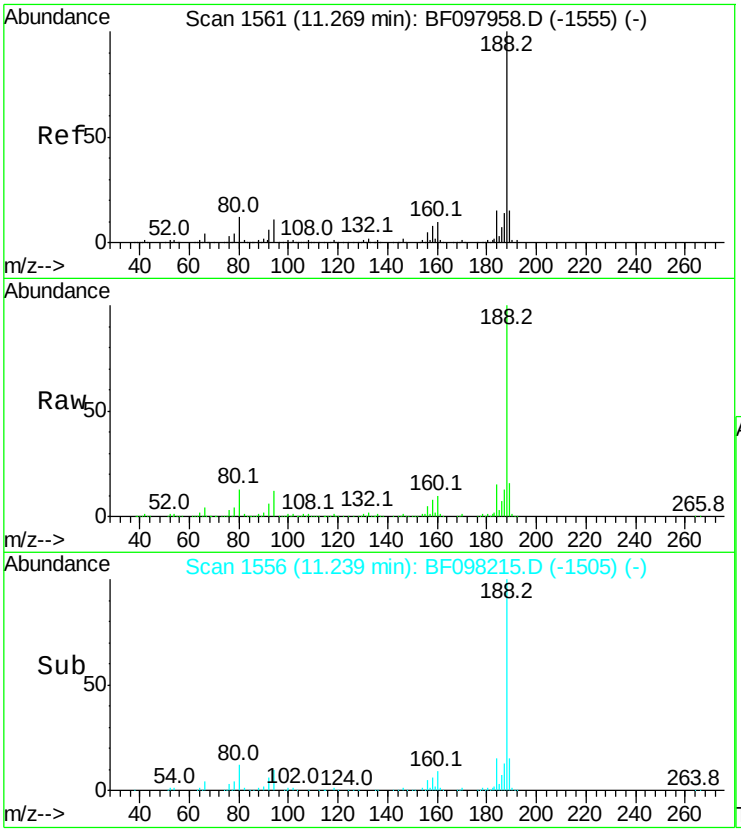




#62
Azobenzene
Concen: 41.015 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion: 77 Resp: 724797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 18.2 | 0.1 | 40.1 |
| 105 | 22.2 | 3.6 | 43.6 |
| 51 | 23.2 | 9.4 | 49.4 |



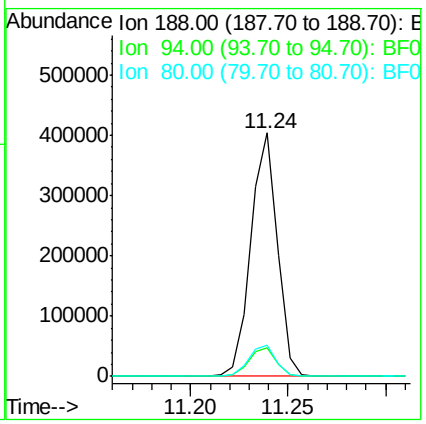


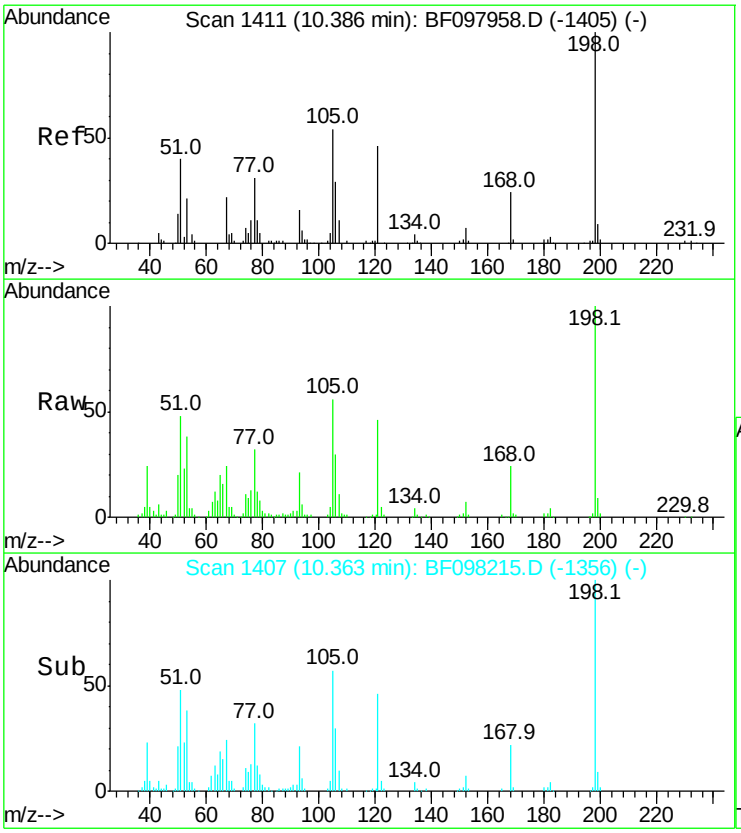

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:188 Resp: 379197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.6 | 9.4 | 14.2 |
| 80 | 12.7 | 10.2 | 15.2 |

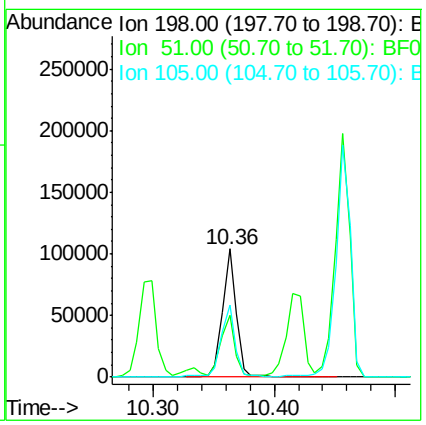


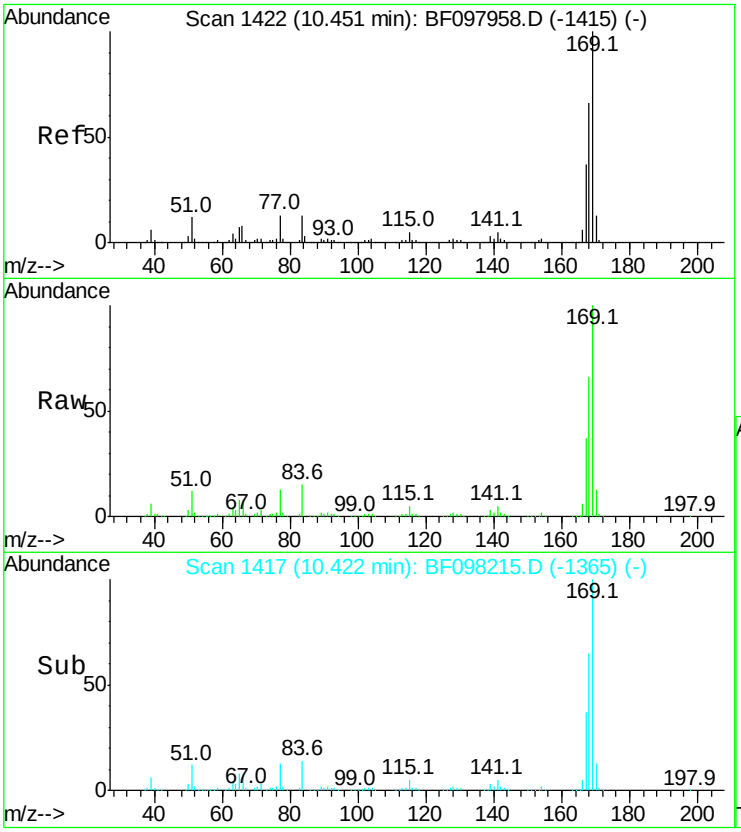




#64
4,6-Dinitro-2-methylphenol
Concen: 46.297 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:198 Resp: 82090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 48.2 | 53.2 | 93.2# |
| 105 | 56.5 | 45.8 | 85.8 |



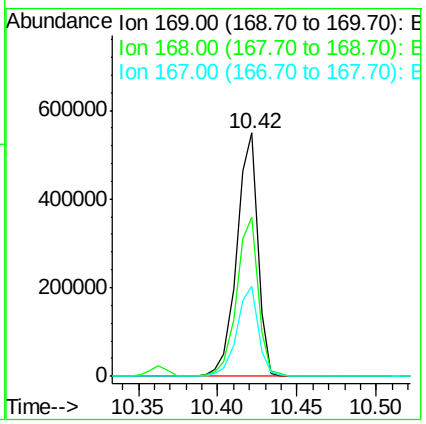


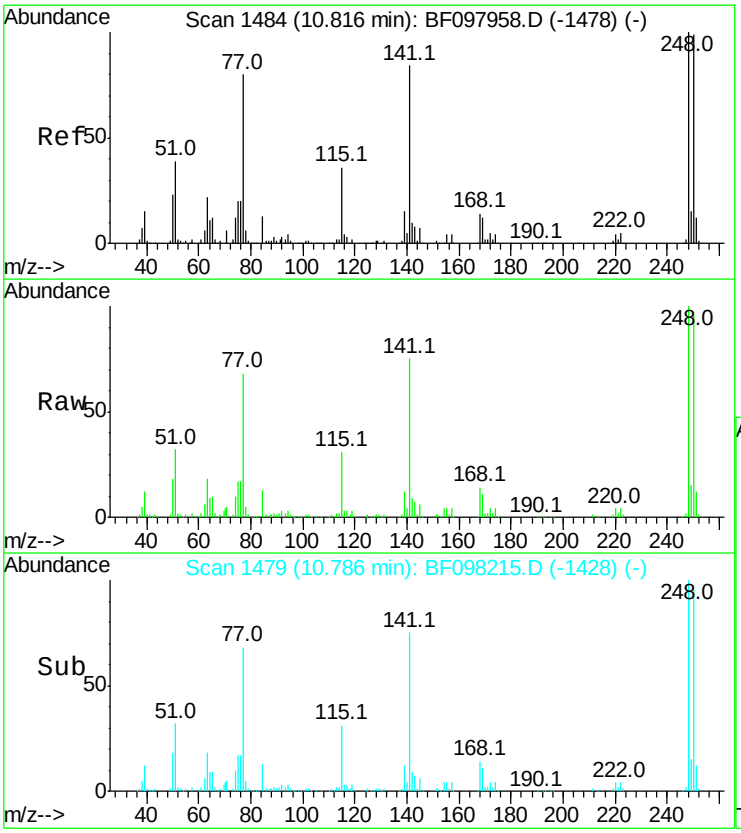

#65
n-Nitrosodiphenylamine
Concen: 39.167 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:169 Resp: 505749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 53.2 | 79.8 |
| 167 | 36.9 | 29.5 | 44.3 |

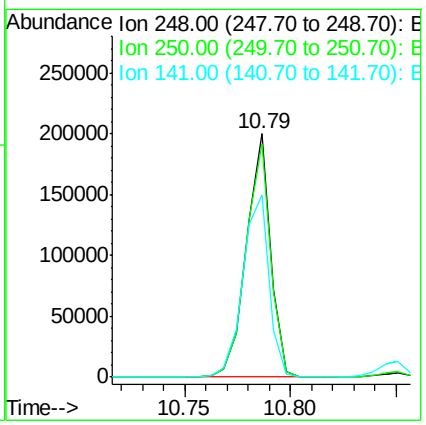


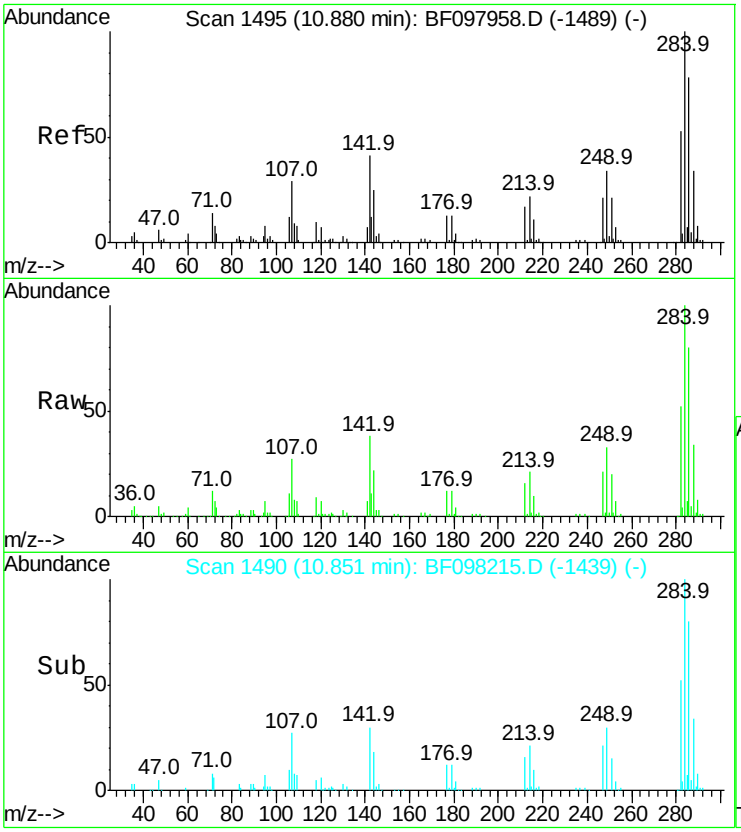




#66
4-Bromophenyl-phenylether
Concen: 40.517 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:248 Resp: 159543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 76.8 | 115.2 |
| 141 | 74.6 | 68.6 | 103.0 |



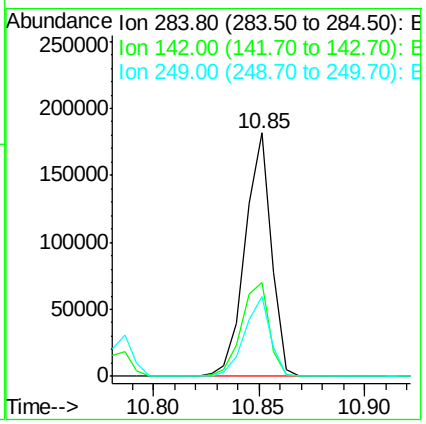


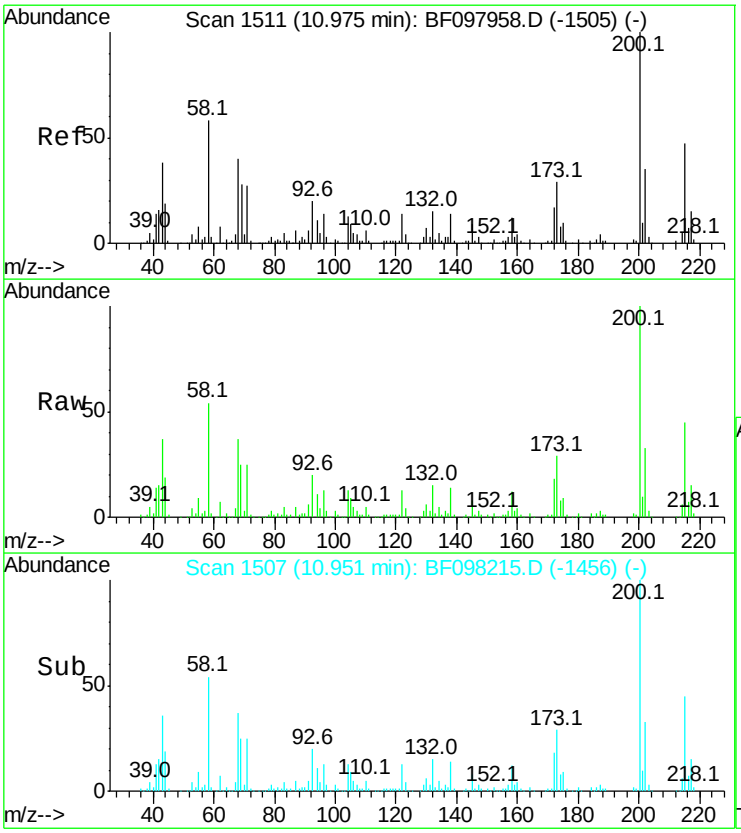

#67
Hexachlorobenzene
Concen: 38.969 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:284 Resp: 156404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.5 | 22.8 | 34.2# |
| 249 | 32.9 | 24.0 | 36.0 |

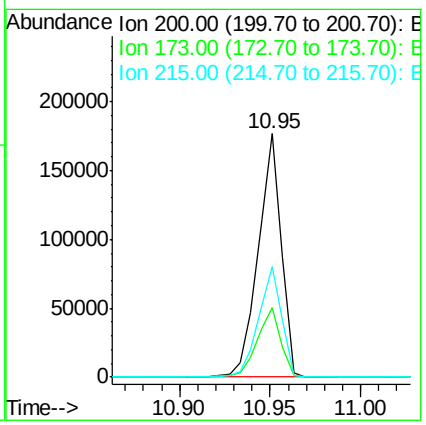


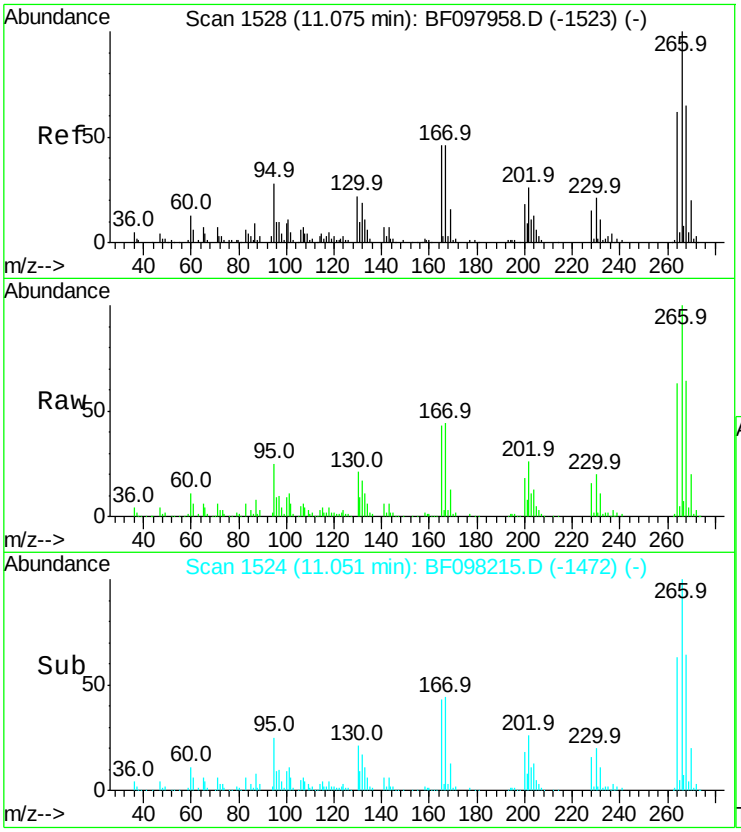




#68
Atrazine
Concen: 45.549 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:200 Resp: 155982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.8 | 6.3 | 46.3 |
| 215 | 45.2 | 27.2 | 67.2 |



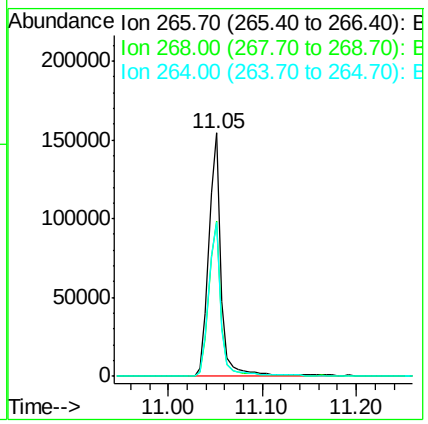


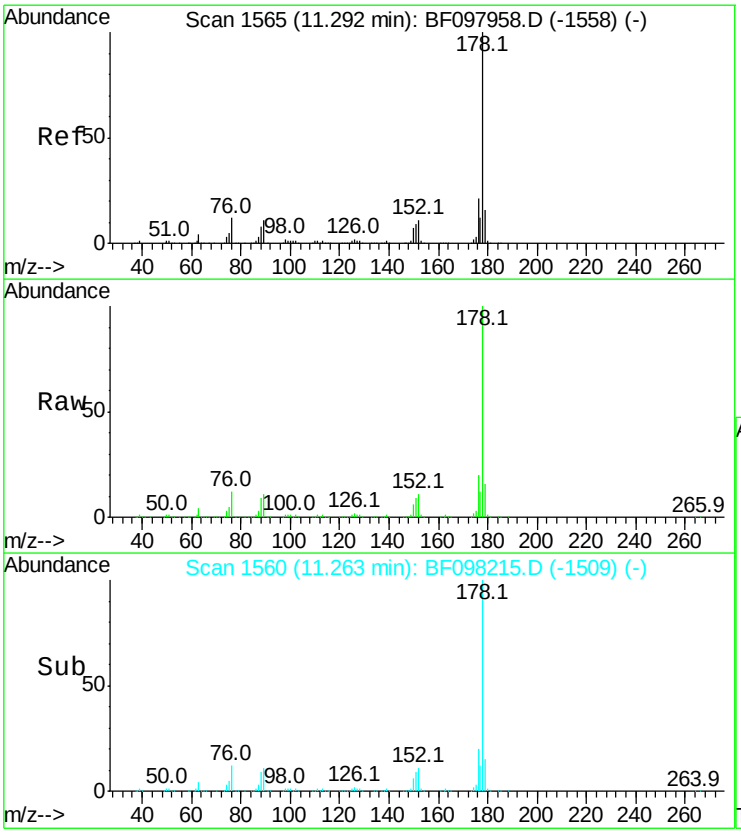

#69
Pentachlorophenol
Concen: 62.008 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:266 Resp: 145107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 51.1 | 76.7 |
| 264 | 63.1 | 51.7 | 77.5 |

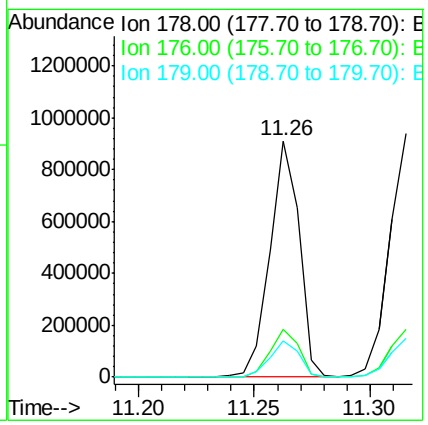


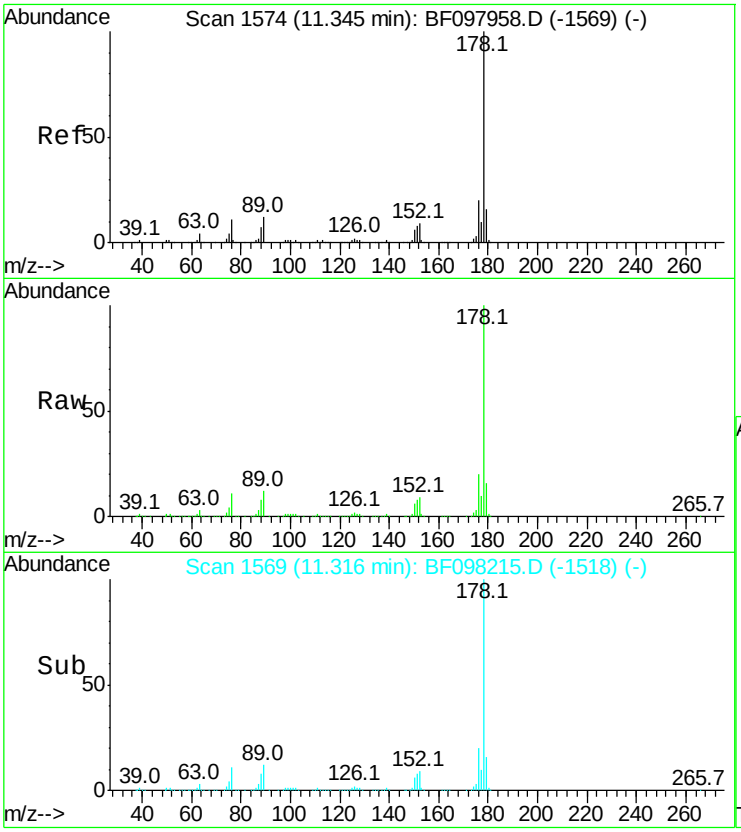




#70
Phenanthrene
Concen: 39.668 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:178 Resp: 801545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.2 | 24.4 |
| 179 | 15.5 | 12.6 | 19.0 |



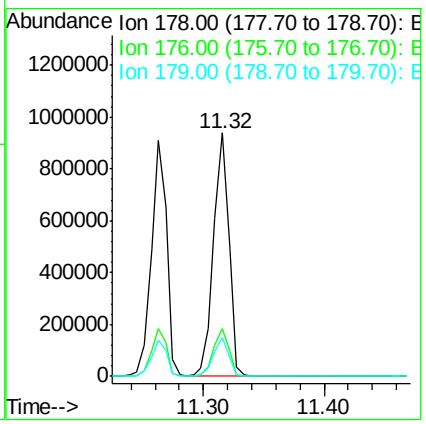


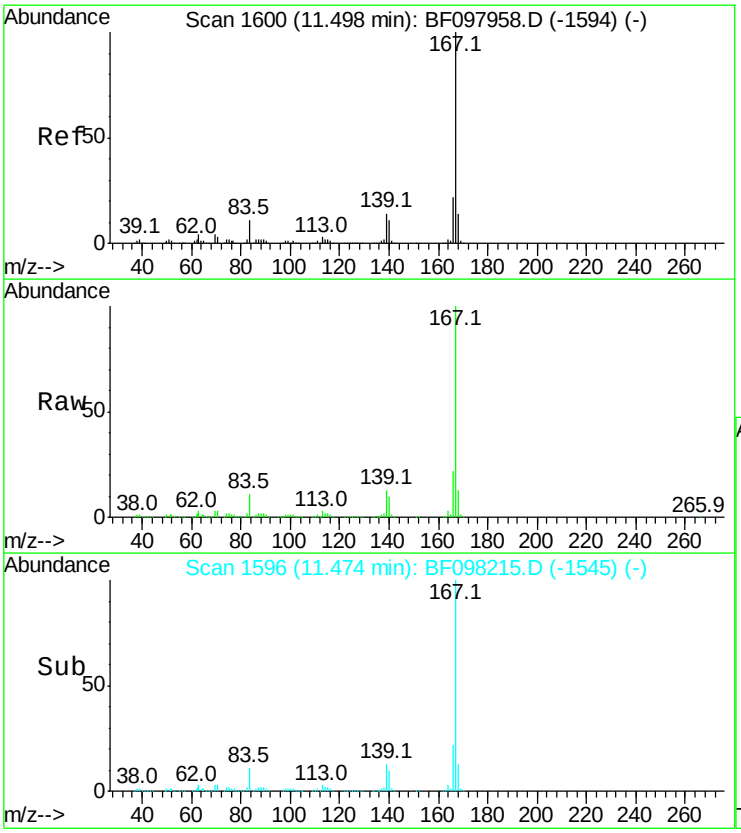

#71
Anthracene
Concen: 39.701 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:178 Resp: 813654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.8 |
| 179 | 16.1 | 12.7 | 19.1 |

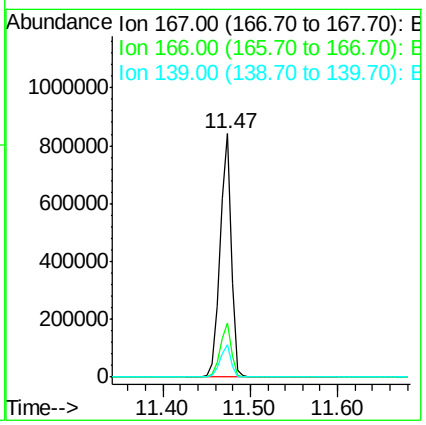


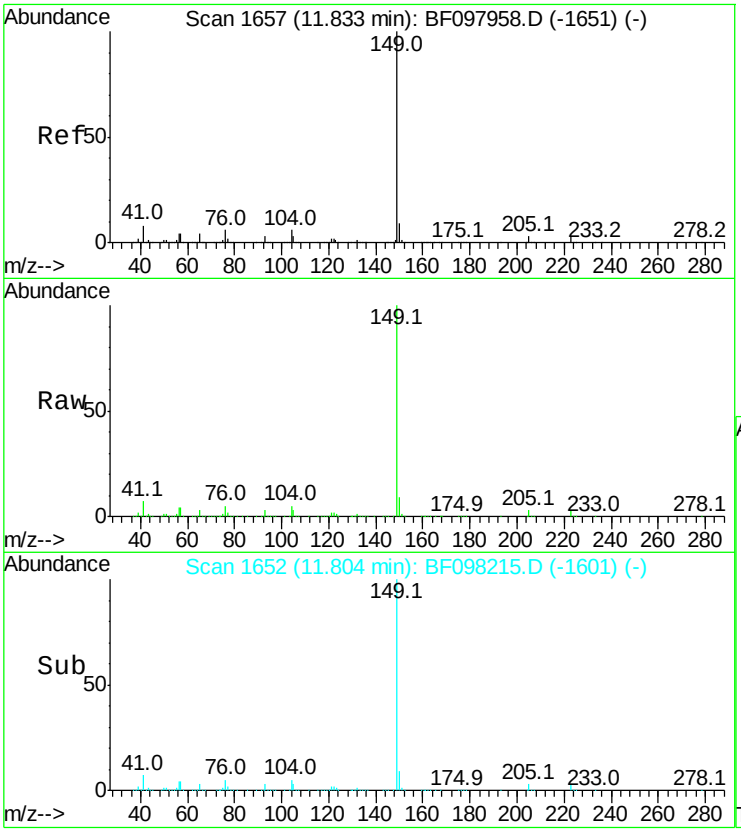




#72
Carbazole
Concen: 38.563 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:167 Resp: 750198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 18.1 | 27.1 |
| 139 | 13.2 | 11.7 | 17.5 |



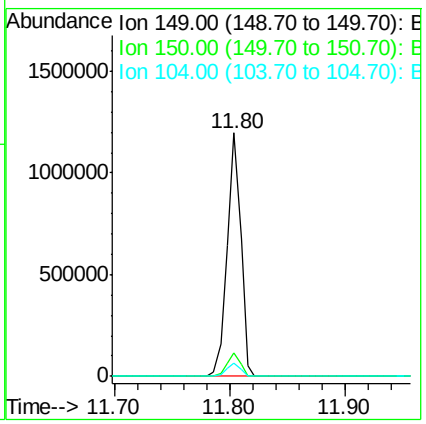


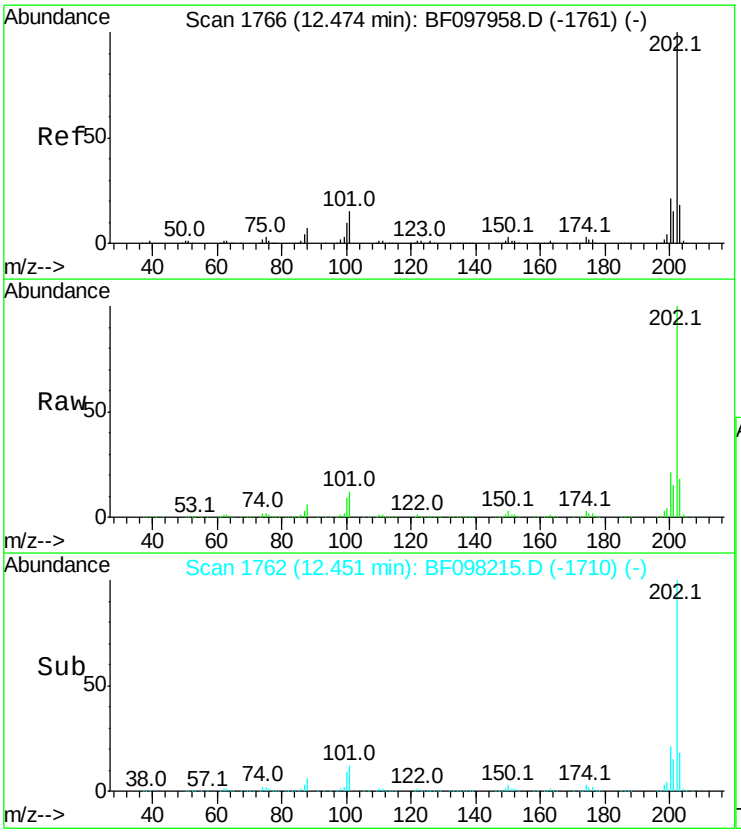

#73
Di-n-butylphthalate
Concen: 43.474 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :** BNA_F
**ClientSampleId :** PB101969BS

Tgt Ion:149 Resp: 974156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.7 | 11.5 |
| 104 | 5.2 | 4.0 | 6.0 |

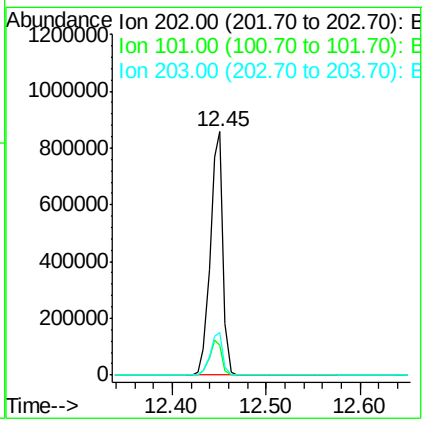


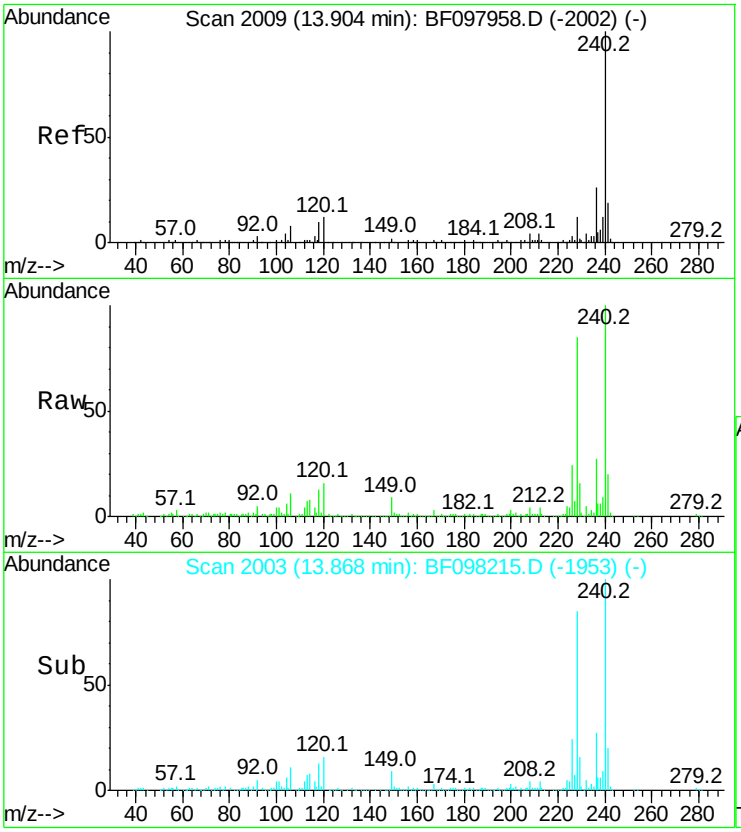




#74
Fluoranthene
Concen: 38.652 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:202 Resp: 815192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 33.2 |
| 203 | 17.5 | 0.0 | 38.1 |



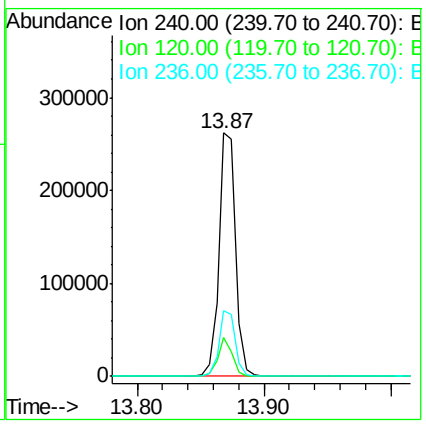


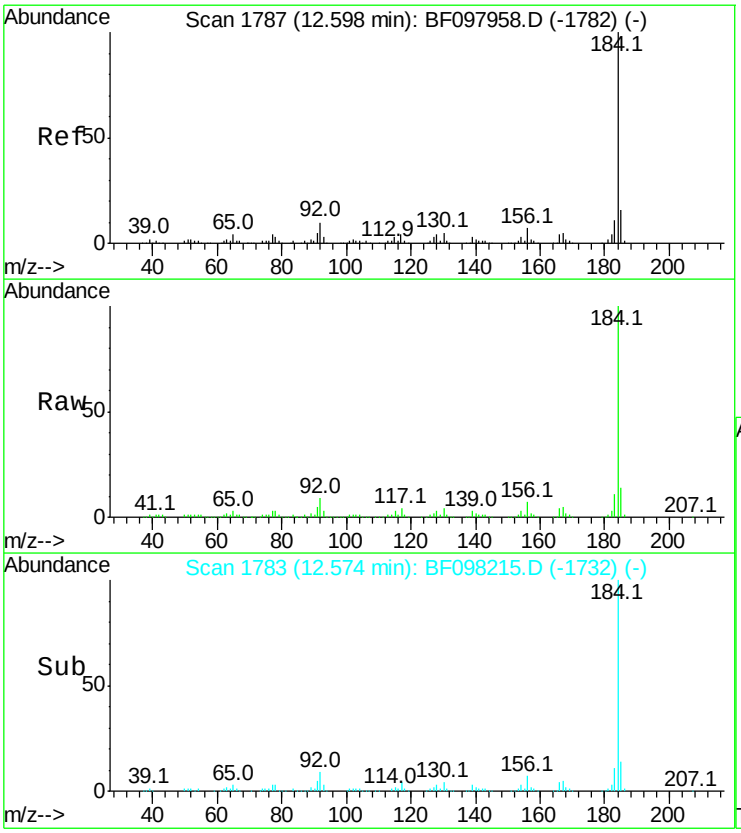

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:240 Resp: 240557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.0 | 5.8 | 8.8# |
| 236 | 27.2 | 20.5 | 30.7 |

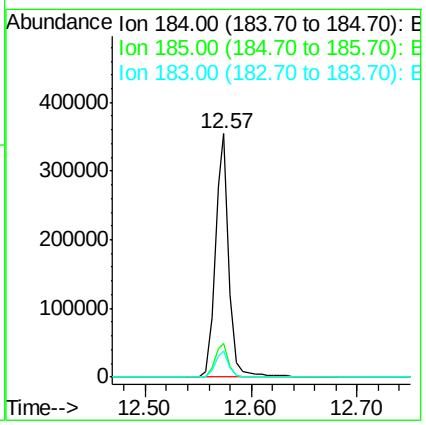


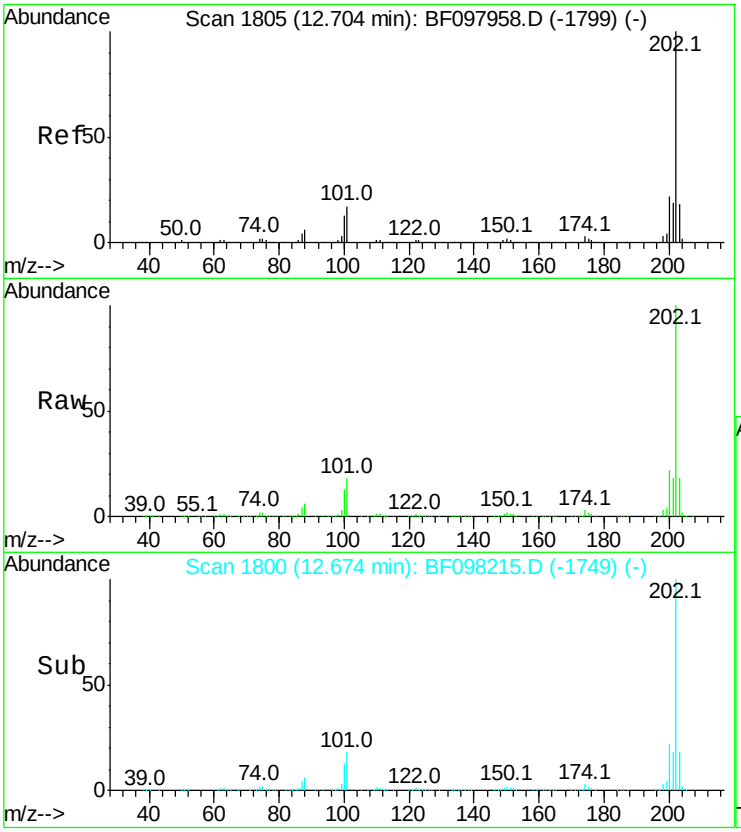




#76
Benzidine
Concen: 40.672 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:184 Resp: 320791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.8 | 15.5 | 23.3# |
| 183 | 10.7 | 9.8 | 14.6 |



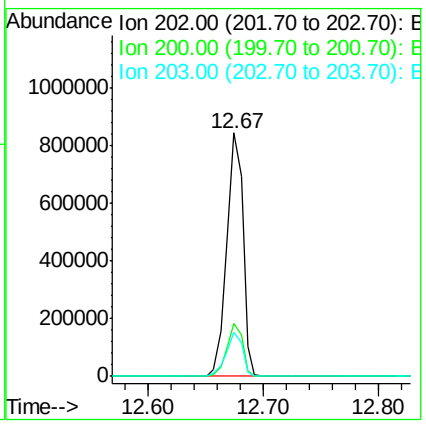


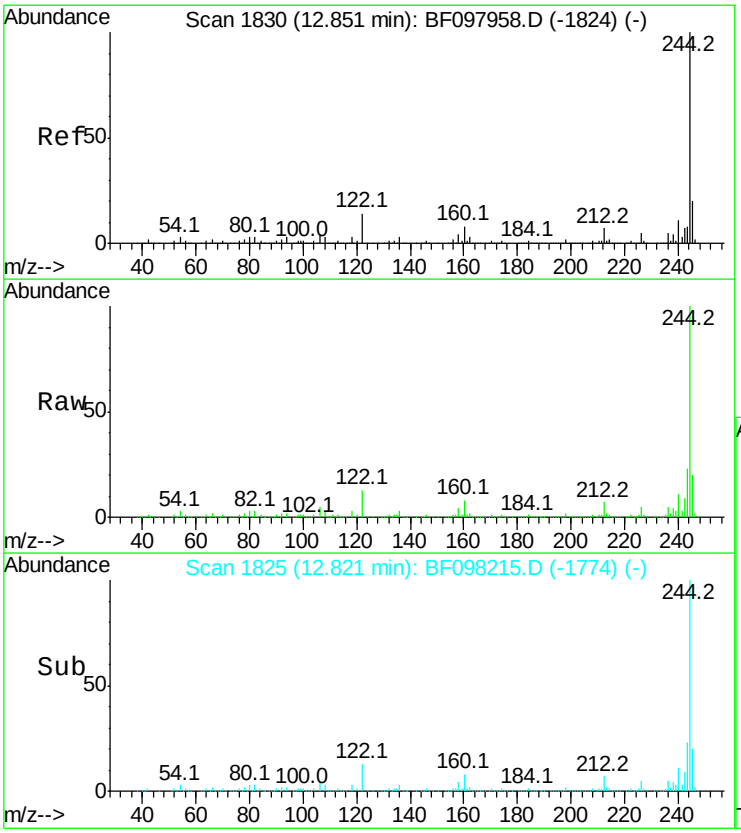

#77
Pyrene
Concen: 41.881 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:202 Resp: 824005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.6 | 26.4 |
| 203 | 17.8 | 14.4 | 21.6 |

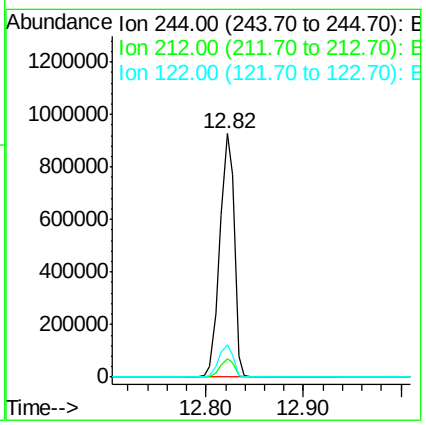


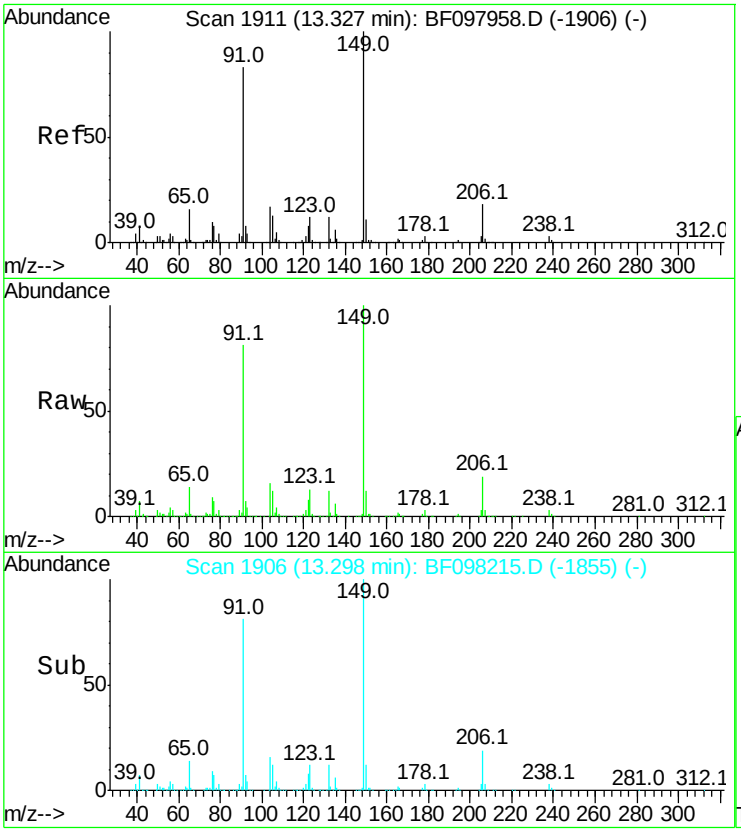




#78
Terphenyl-d14
Concen: 82.583 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:244 Resp: 952653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.0 | 9.0 |
| 122 | 13.3 | 10.3 | 15.5 |



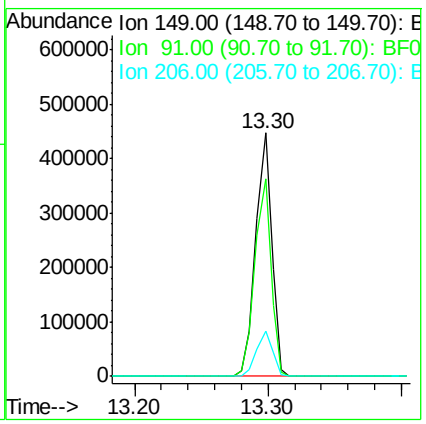


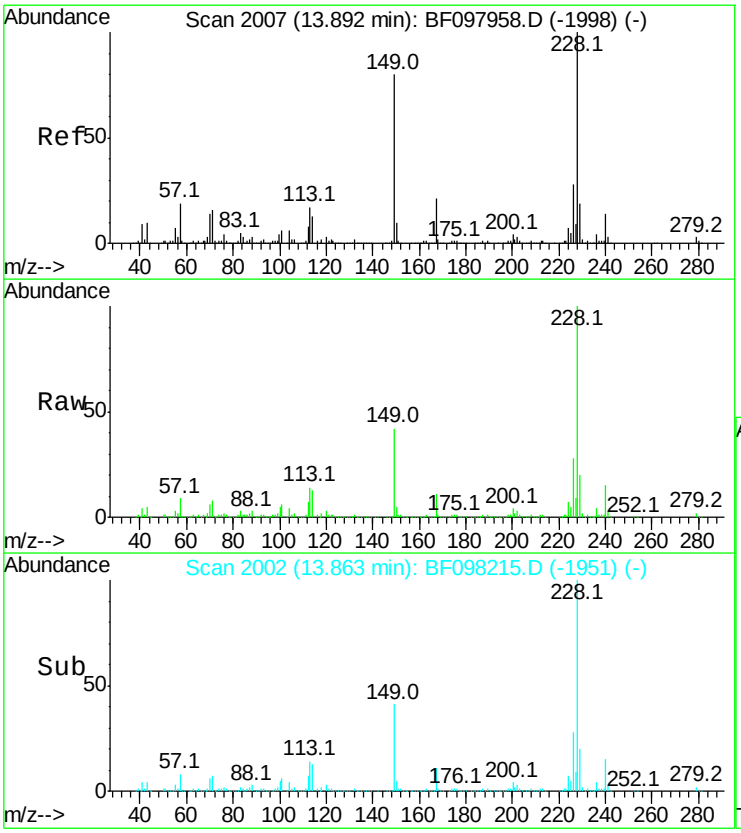

#79
Butylbenzylphthalate
Concen: 48.901 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:149 Resp: 368874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 81.2 | 45.0 | 67.4# |
| 206 | 18.6 | 17.0 | 25.6 |

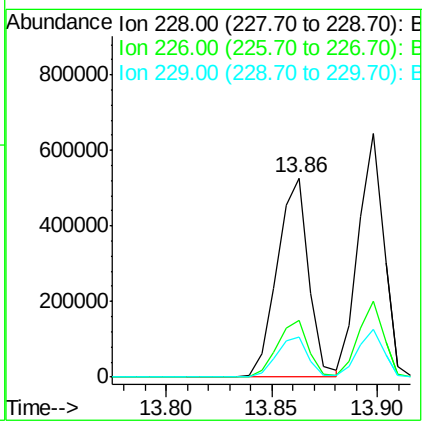


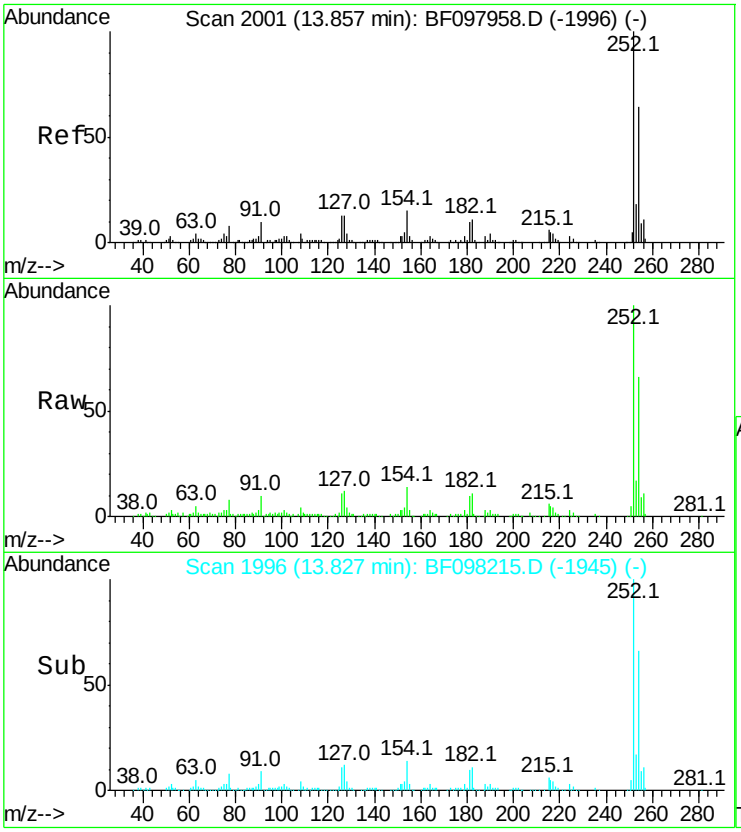




#80
Benzo(a)anthracene
Concen: 38.004 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:228 Resp: 547927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 22.6 | 33.8 |
| 229 | 20.0 | 16.3 | 24.5 |



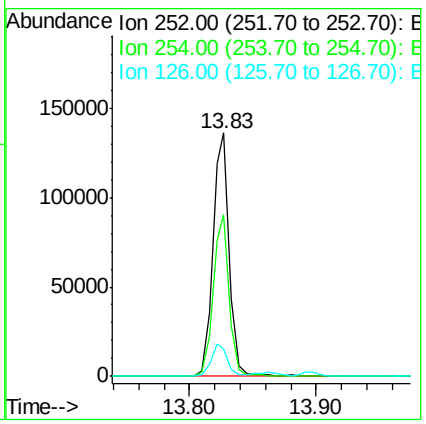


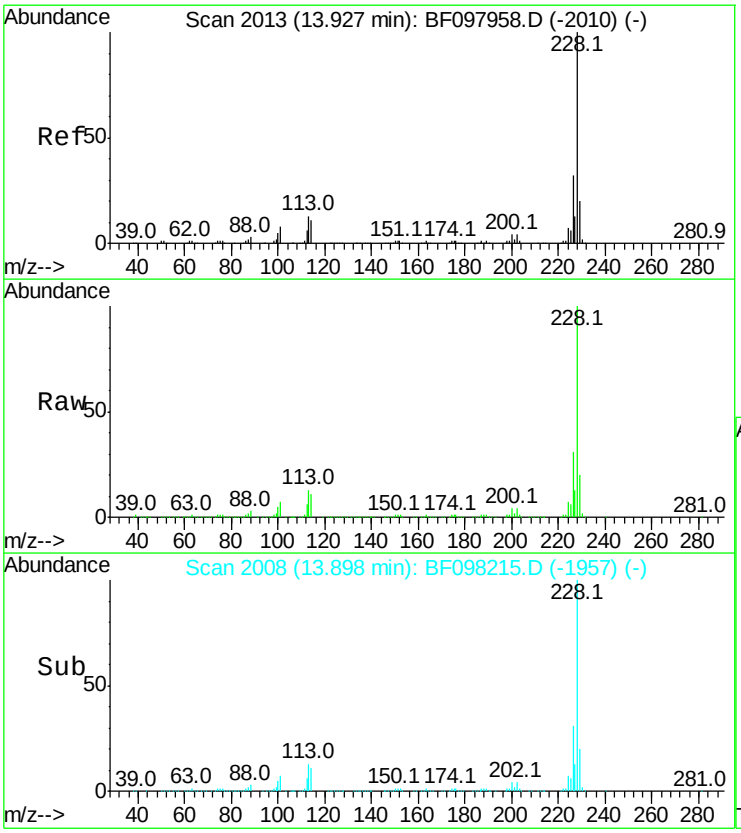

#81
3,3'-Dichlorobenzidine
Concen: 25.405 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:252 Resp: 123597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.5 | 51.5 | 77.3 |
| 126 | 11.4 | 15.8 | 23.8# |

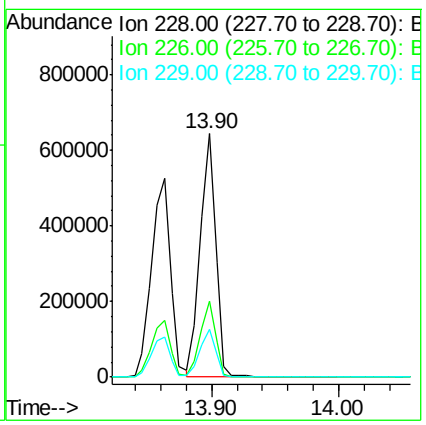


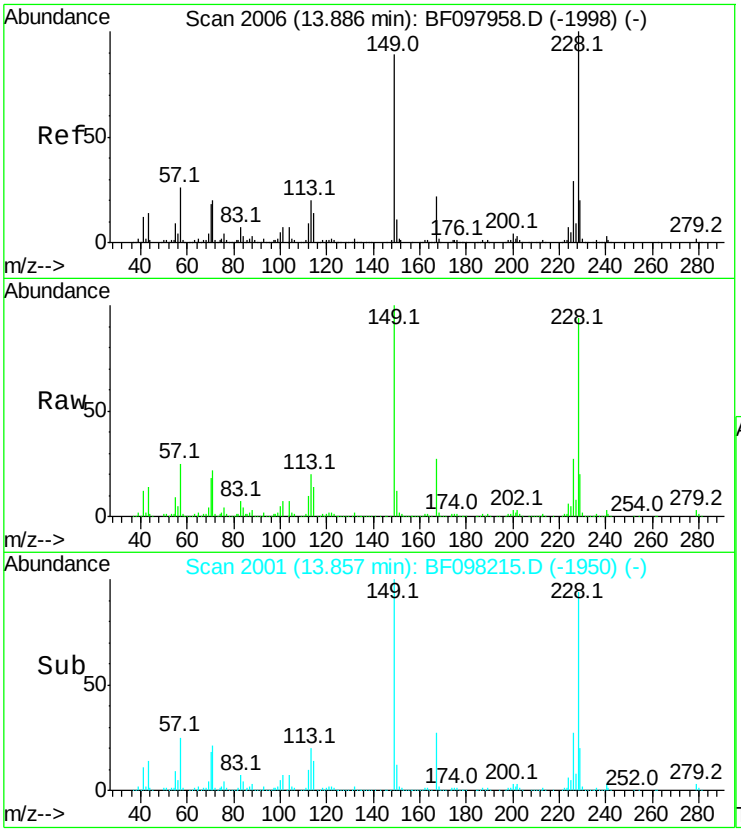




#82
Chrysene
Concen: 38.232 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:228 Resp: 548333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.9 | 37.3 |
| 229 | 19.6 | 15.8 | 23.6 |



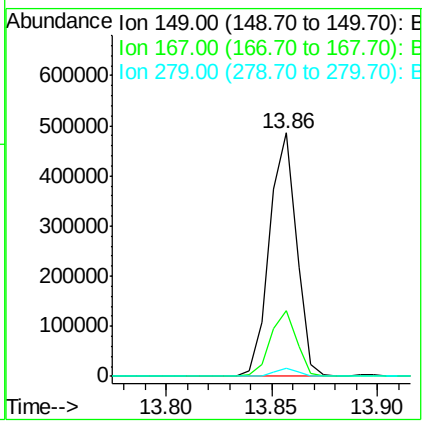


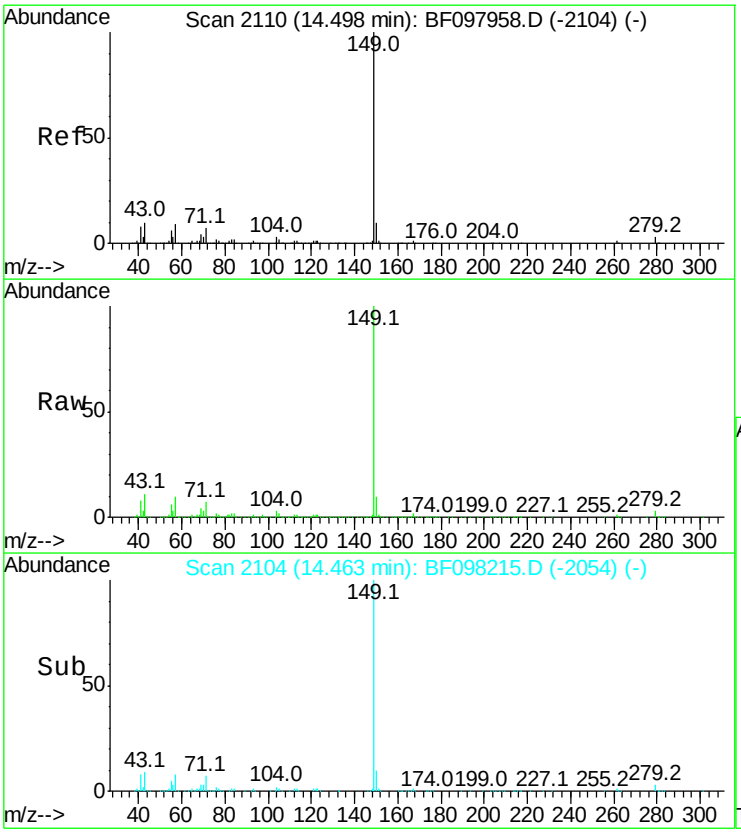

#83
Bis(2-ethylhexyl)phthalate
Concen: 51.713 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:149 Resp: 432267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 21.0 | 31.4 |
| 279 | 3.3 | 1.9 | 2.9# |

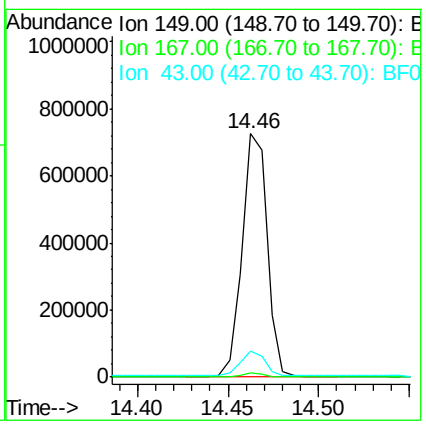


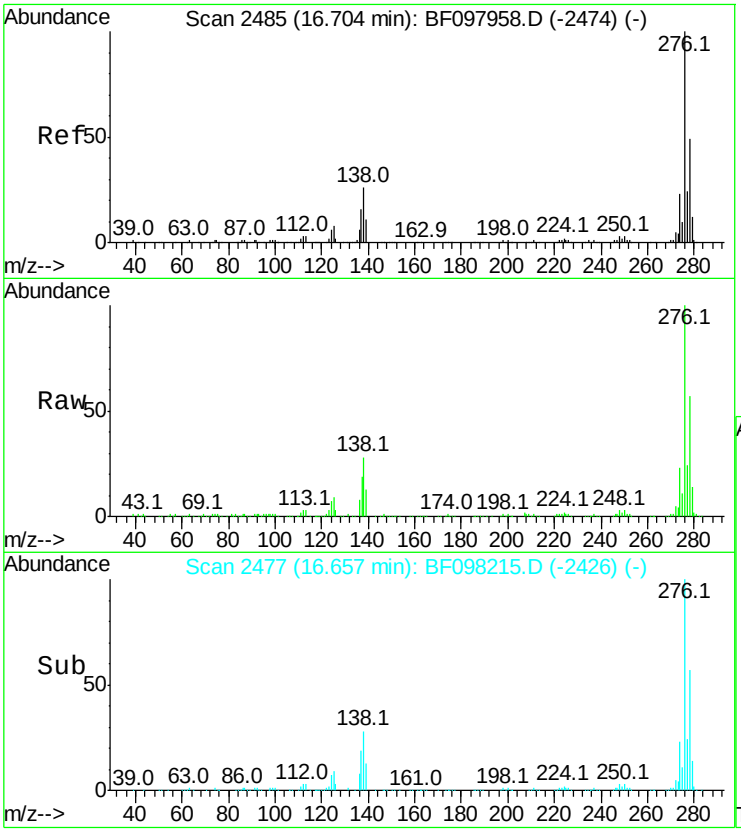




#84
Di-n-octyl phthalate
Concen: 47.729 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:149 Resp: 694172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 9.9 | 8.5 | 12.7 |



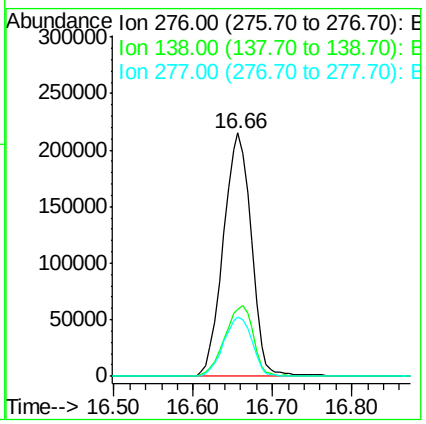


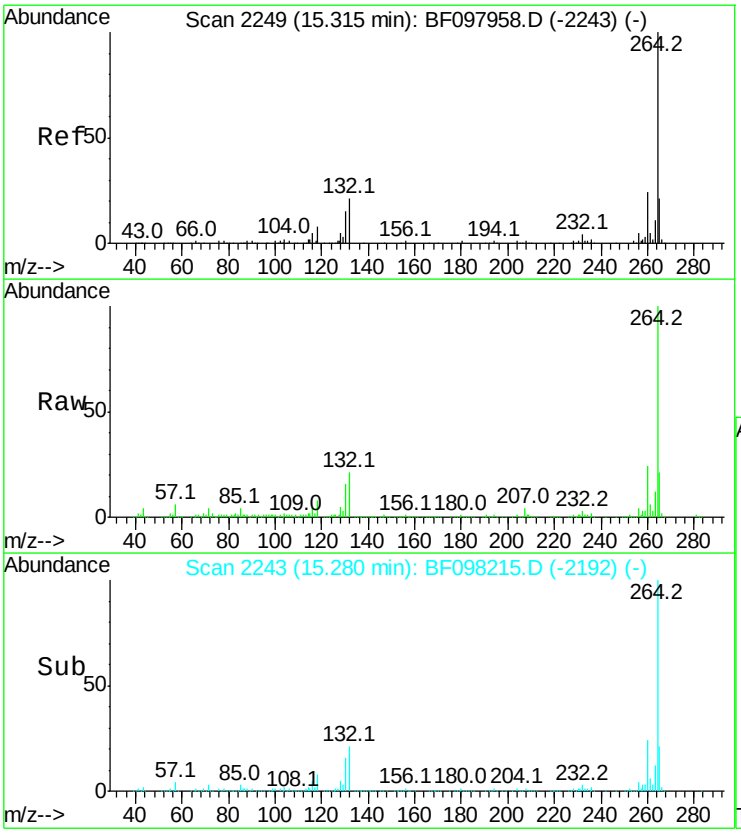

#85
Indeno(1,2,3-cd)pyrene
Concen: 49.922 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:276 Resp: 526704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.9 | 27.8 | 41.6 |
| 277 | 24.9 | 20.2 | 30.4 |

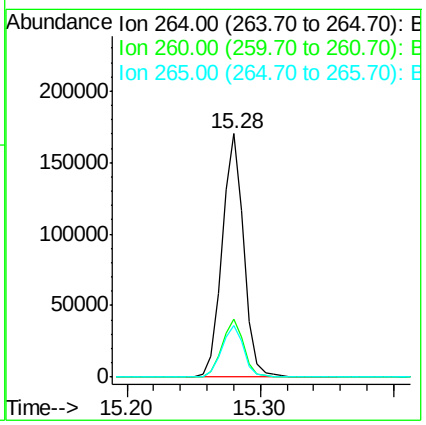


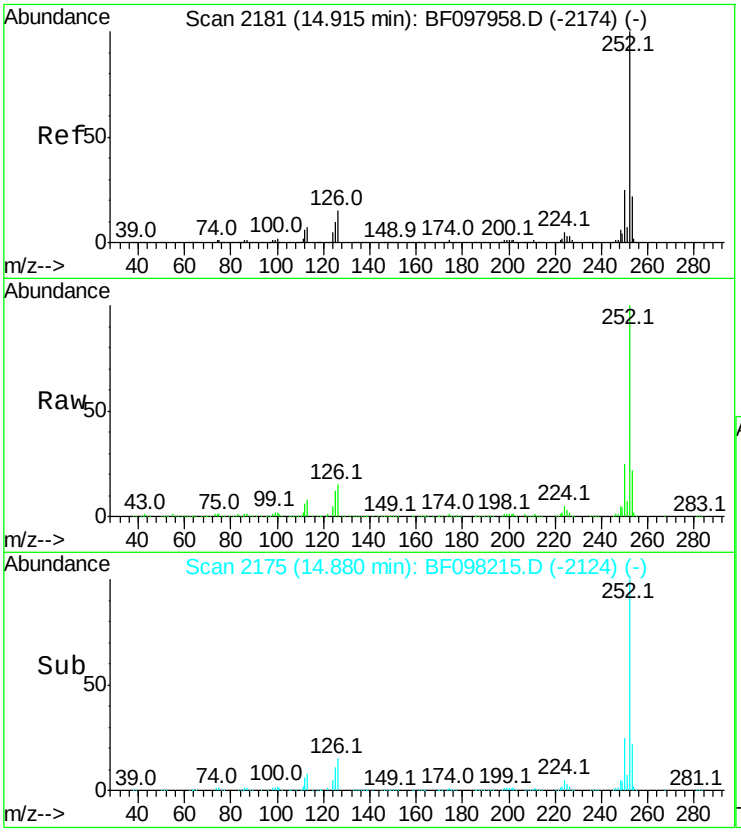




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:264 Resp: 193872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.5 | 29.3 |
| 265 | 21.4 | 17.2 | 25.8 |



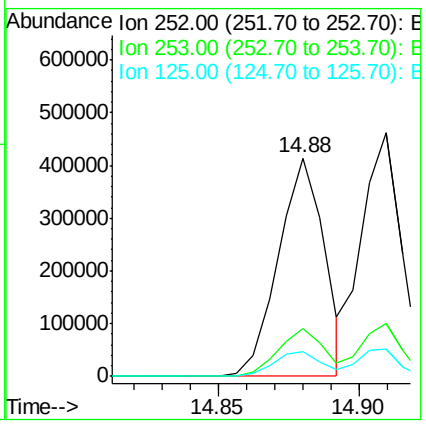


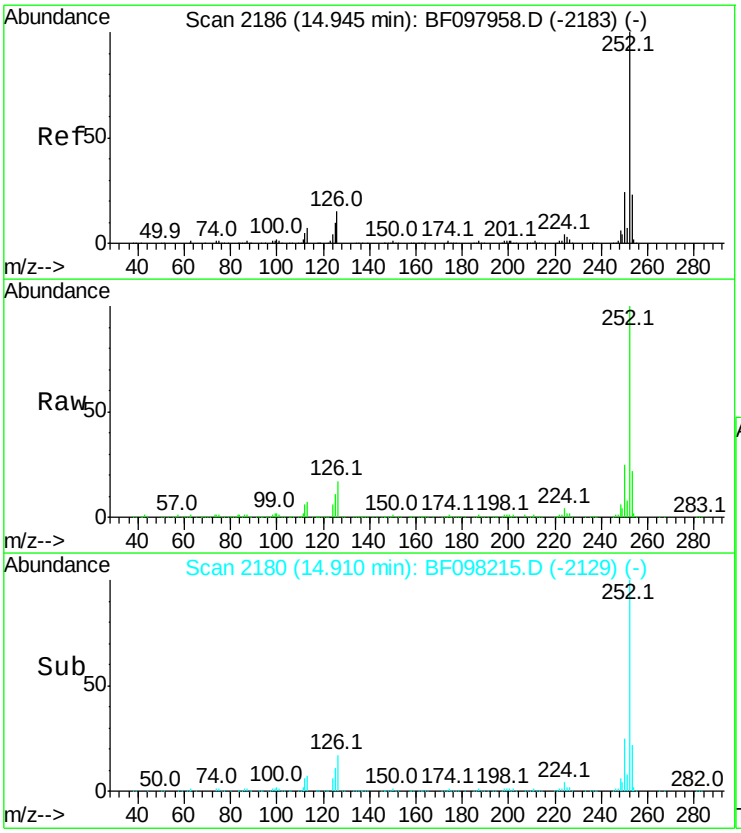

#87
Benzo(b)fluoranthene
Concen: 38.230 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:252 Resp: 467185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.1 | 27.1 |
| 125 | 11.5 | 9.8 | 14.8 |

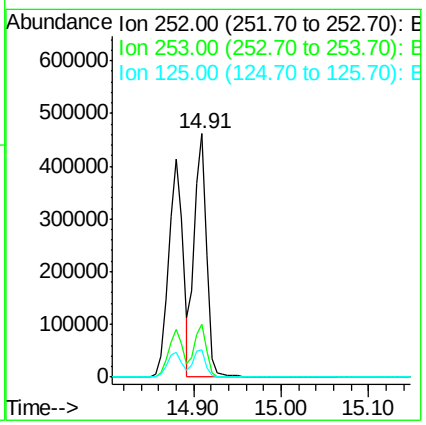


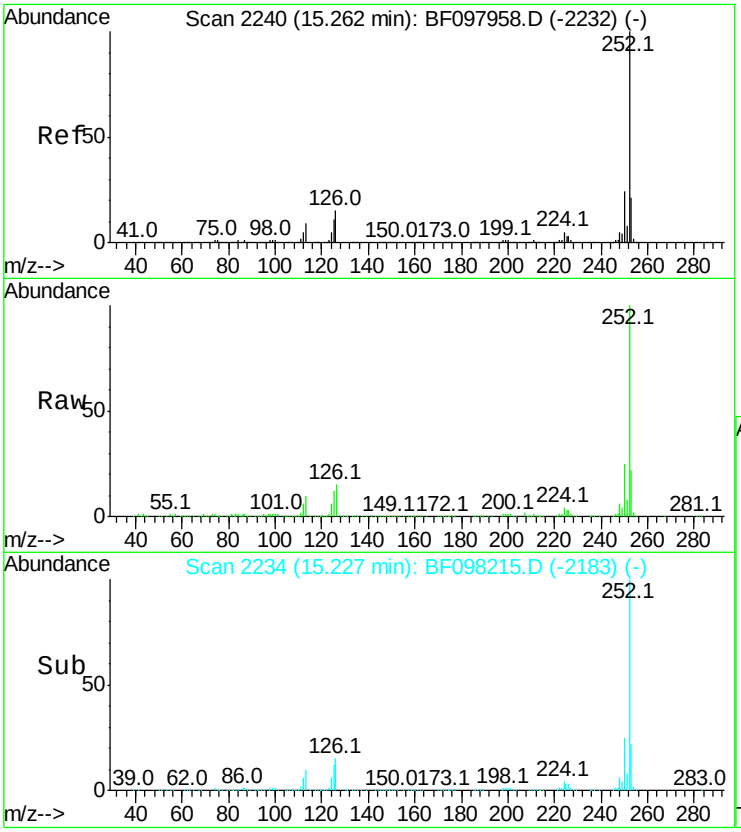




#88
Benzo(k)fluoranthene
Concen: 39.757 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:252 Resp: 456454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.4 | 27.6 |
| 125 | 11.1 | 13.1 | 19.7# |



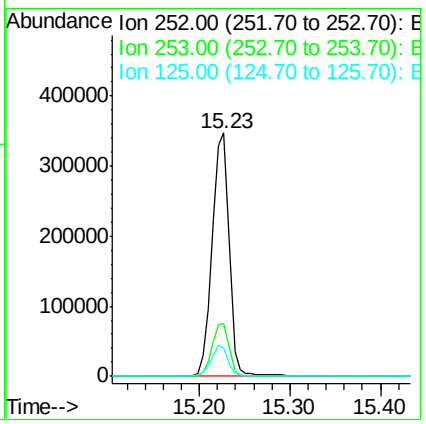


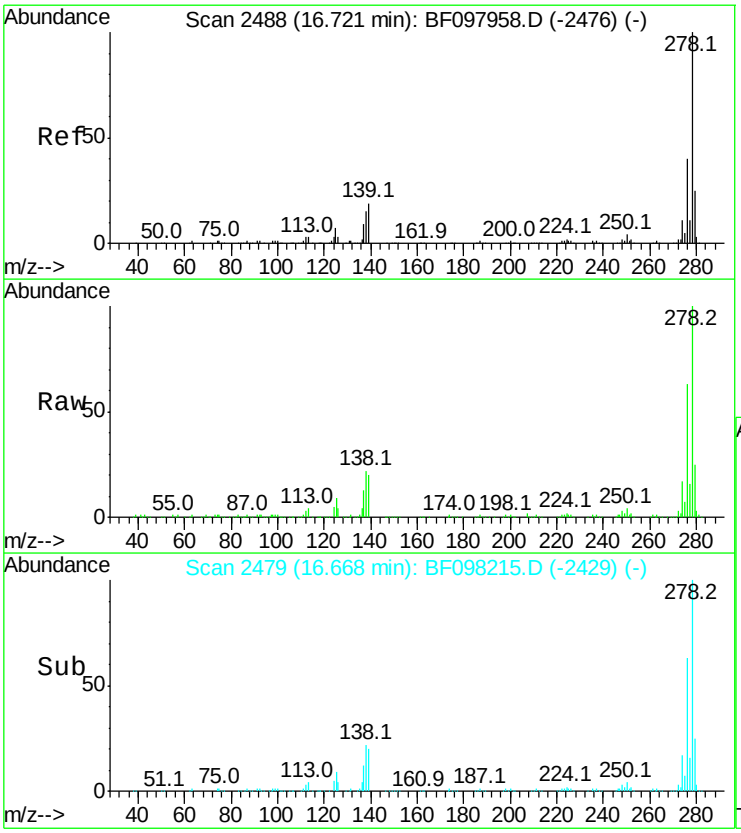

#89
Benzo(a)pyrene
Concen: 41.657 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:252 Resp: 450658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 11.8 | 11.0 | 16.4 |

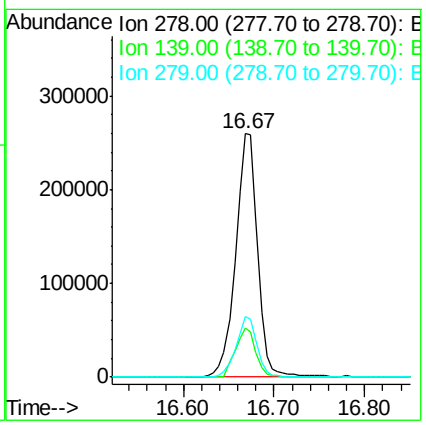


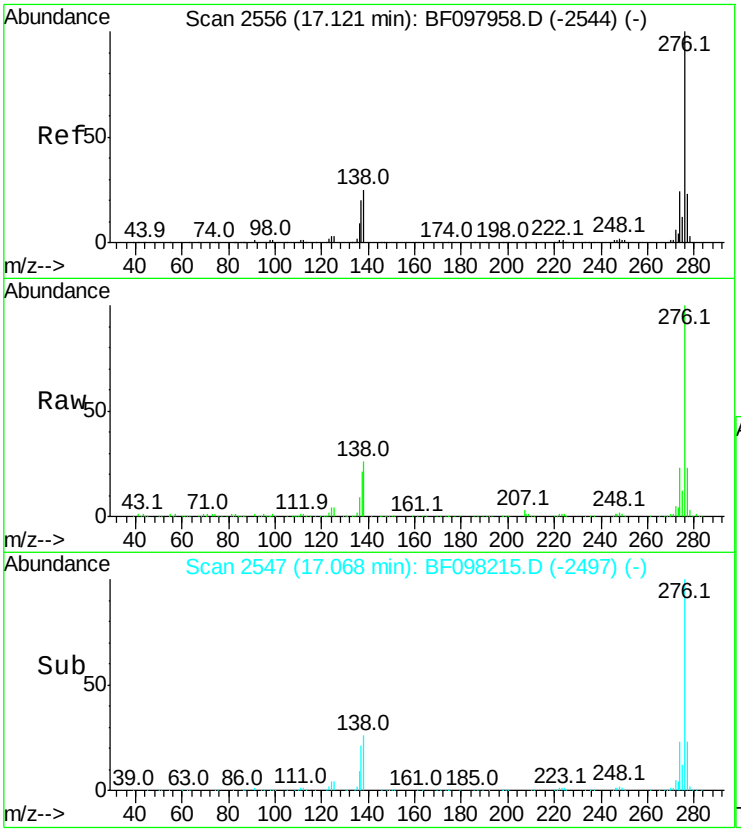




#90
Dibenzo(a,h)anthracene
Concen: 49.793 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

Tgt Ion:278 Resp: 438545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.9 | 16.6 | 24.8 |
| 279 | 24.6 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 49.949 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF098215.D
Acq: 1 Sep 2017 10:01

**Instrument :**
BNA_F
**ClientSampleId :**
PB101969BS

Tgt Ion:276 Resp: 459019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.2 | 18.6 | 28.0 |
| 138 | 25.7 | 25.4 | 38.0 |