Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090169.D
Acq On : 21 Sep 2016 19:49
Operator : UM/SJ
Sample : PB93513BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB93513BS

Quant Time: Sep 22 01:54:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.50 | 152 | 136122 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.79 | 136 | 540113 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.54 | 164 | 305791 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.00 | 188 | 435898 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.62 | 240 | 286416 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 14.94 | 264 | 253603 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.07 | 112 | 956480 | 114.53 | ng | | 0.00 |
| 7) Phenol-d6 | 6.17 | 99 | 1299561 | 126.01 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.08 | 82 | 820732 | 88.09 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.33 | 330 | 313552 | 119.52 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.88 | 172 | 1282105 | 82.31 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.59 | 244 | 1114888 | 98.83 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.93 | 88 | 133505 | 29.46 | ng | | 98 |
| 3) Pyridine | 2.52 | 79 | 391356 | 39.83 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 2.48 | 42 | 132239 | 45.09 | ng | | 91 |
| 6) Aniline | 6.17 | 93 | 436753 | 33.97 | ng | # | 85 |
| 8) 2-Chlorophenol | 6.30 | 128 | 387760 | 40.35 | ng | # | 79 |
| 9) Benzaldehyde | 6.04 | 77 | 40026 | 8.91 | ng | | 99 |
| 10) Phenol | 6.18 | 94 | 579134 | 47.50 | ng | # | 64 |
| 11) bis(2-Chloroethyl)ether | 6.25 | 93 | 397401 | 41.80 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.44 | 146 | 423812 | 42.22 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.52 | 146 | 433339 | 42.28 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.52 | 146 | 430075 | 47.10 | ng | | 95 |
| 15) Benzyl Alcohol | 6.66 | 79 | 266494 | 43.33 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.81 | 45 | 500625 | 44.06 | ng | | 95 |
| 17) 2-Methylphenol | 6.79 | 107 | 321773 | 42.51 | ng | | 99 |
| 18) Hexachloroethane | 7.02 | 117 | 147487 | 40.34 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 6.95 | 70 | 286179 | 47.24 | ng | | 94 |
| 20) 3+4-Methylphenols | 6.95 | 107 | 411756 | 45.31 | ng | | 95 |
| 22) Acetophenone | 6.94 | 105 | 524954 | 40.30 | ng | # | 97 |
| 24) Nitrobenzene | 7.10 | 77 | 375970 | 38.73 | ng | | 97 |
| 25) Isophorone | 7.35 | 82 | 826339 | 42.45 | ng | | 99 |
| 26) 2-Nitrophenol | 7.42 | 139 | 216671 | 45.32 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.47 | 122 | 340651 | 40.11 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.56 | 93 | 491659 | 41.75 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.67 | 162 | 345903 | 46.43 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.74 | 180 | 312390 | 41.98 | ng | | 99 |
| 31) Naphthalene | 7.82 | 128 | 1134961 | 44.13 | ng | | 100 |
| 32) Benzoic acid | 7.62 | 122 | 222914 | 38.23 | ng | | 86 |
| 33) 4-Chloroaniline | 7.87 | 127 | 299865 | 28.11 | ng | | 99 |
| 34) Hexachlorobutadiene | 7.94 | 225 | 159483 | 40.63 | ng | | 99 |
| 35) Caprolactam | 8.25 | 113 | 64837 | 26.29 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.38 | 107 | 373607 | 44.37 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.51 | 142 | 737692 | 46.12 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.67 | 216 | 224270 | 31.95 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.66 | 237 | 257959 | 74.48 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090169.D
Acq On : 21 Sep 2016 19:49
Operator : UM/SJ
Sample : PB93513BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB93513BS

Quant Time: Sep 22 01:54:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.79 | 196 | 199732 | 39.93 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 8.83 | 196 | 217604 | 42.02 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 8.97 | 154 | 745386 | 34.07 | ng | | 99 |
| 46) 2-Chloronaphthalene | 8.99 | 162 | 693685 | 42.98 | ng | | 98 |
| 47) 2-Nitroaniline | 9.10 | 65 | 222383 | 45.70 | ng | | 93 |
| 48) Acenaphthylene | 9.40 | 152 | 1127148 | 43.00 | ng | | 99 |
| 49) Dimethylphthalate | 9.29 | 163 | 856091 | 43.95 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.35 | 165 | 179662 | 41.39 | ng | # | 56 |
| 51) Acenaphthene | 9.58 | 154 | 665360 | 42.77 | ng | | 99 |
| 52) 3-Nitroaniline | 9.51 | 138 | 156113 | 30.67 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.61 | 184 | 169014 | 70.01 | ng | # | 80 |
| 54) Dibenzofuran | 9.75 | 168 | 956917 | 46.74 | ng | | 99 |
| 55) 4-Nitrophenol | 9.69 | 139 | 302806 | 86.85 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 9.74 | 165 | 210768 | 41.06 | ng | | 92 |
| 57) Fluorene | 10.08 | 166 | 667026 | 43.23 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.87 | 232 | 176525 | 45.53 | ng | | 96 |
| 59) Diethylphthalate | 9.99 | 149 | 813261 | 43.24 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.09 | 204 | 284125 | 40.38 | ng | # | 74 |
| 61) 4-Nitroaniline | 10.11 | 138 | 200327 | 38.62 | ng | | 85 |
| 62) Azobenzene | 10.24 | 77 | 871034 | 44.49 | ng | | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 10.15 | 198 | 133119 | 48.76 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 10.20 | 169 | 623180 | 43.48 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.57 | 248 | 210841 | 49.15 | ng | | 98 |
| 67) Hexachlorobenzene | 10.63 | 284 | 231595 | 46.33 | ng | | 97 |
| 68) Atrazine | 10.74 | 200 | 197432 | 50.26 | ng | | 97 |
| 69) Pentachlorophenol | 10.82 | 266 | 227577 | 80.20 | ng | | 99 |
| 70) Phenanthrene | 11.03 | 178 | 929951 | 45.62 | ng | | 99 |
| 71) Anthracene | 11.08 | 178 | 1058491 | 49.51 | ng | | 100 |
| 72) Carbazole | 11.24 | 167 | 962552 | 42.58 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.60 | 149 | 1186250 | 45.13 | ng | # | 97 |
| 74) Fluoranthene | 12.20 | 202 | 915128 | 41.82 | ng | | 97 |
| 76) Benzidine | 12.34 | 184 | 389582 | 40.64 | ng | | 97 |
| 77) Pyrene | 12.43 | 202 | 940458 | 47.99 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.07 | 149 | 487746 | 50.88 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.61 | 228 | 726039 | 47.12 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.59 | 252 | 200564 | 31.56 | ng | # | 97 |
| 82) Chrysene | 13.65 | 228 | 672648 | 44.81 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149 | 566701 | 46.19 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.24 | 149 | 974109 | 46.09 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.10 | 276 | 696621 | 57.40 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.62 | 252 | 1203652 | 85.71 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 14.62 | 252 | 1205212 | 91.45 | ng | # | 94 |
| 89) Benzo(a)pyrene | 14.89 | 252 | 607223 | 45.97 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.11 | 278 | 585558 | 56.81 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.45 | 276 | 605326 | 60.00 | ng | | 95 |

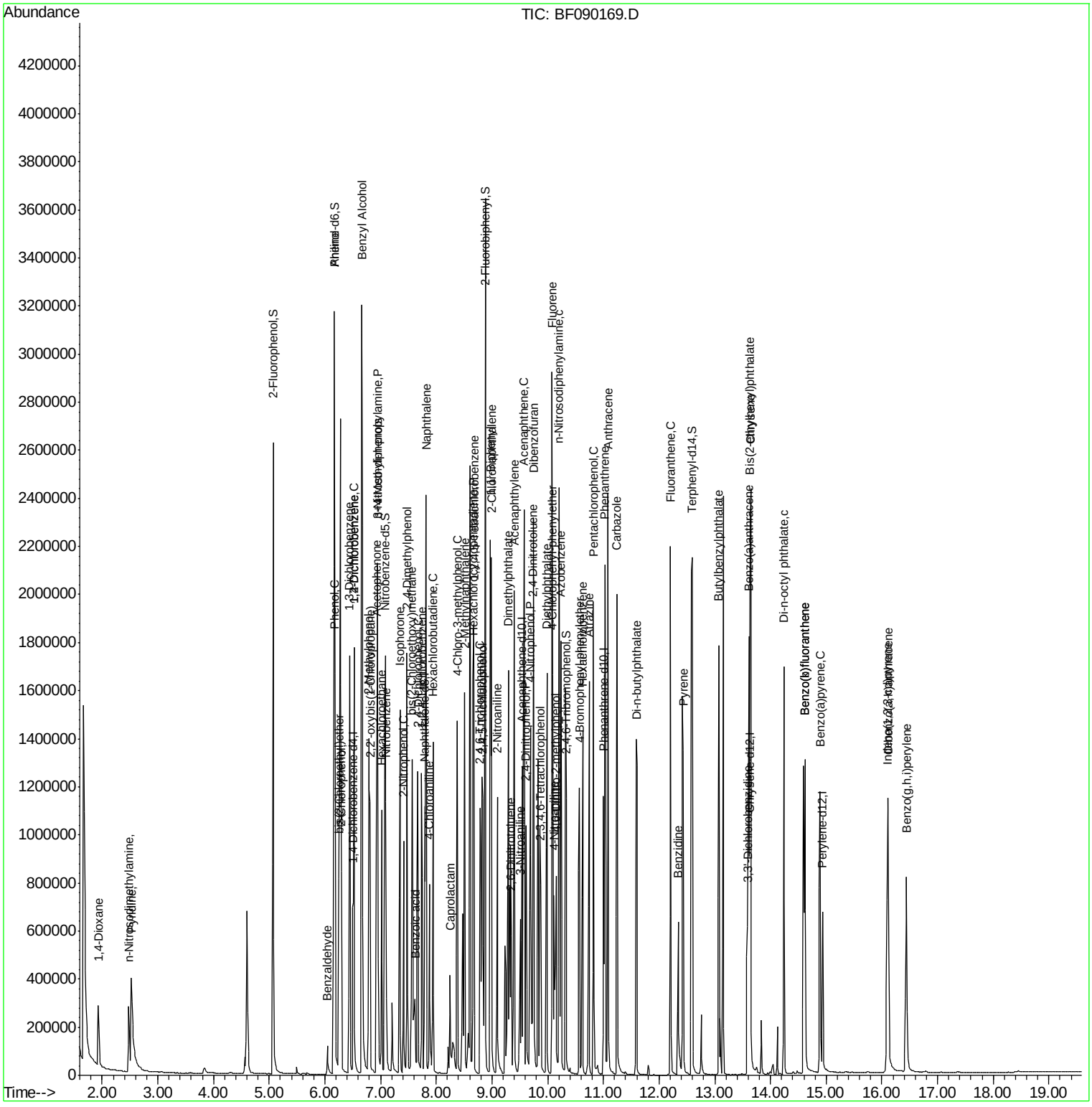
(#) = qualifier out of range (m) = manual integration (+) = signals summed

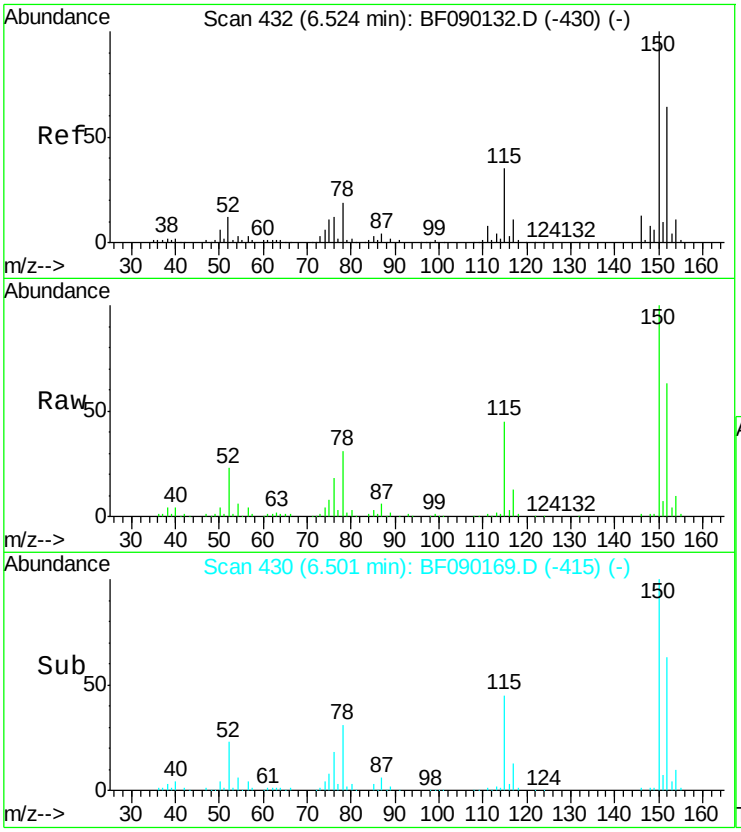
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090169.D
Acq On : 21 Sep 2016 19:49
Operator : UM/SJ
Sample : PB93513BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Quant Time: Sep 22 01:54:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration



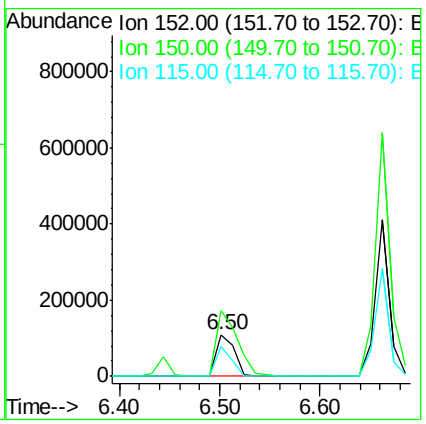


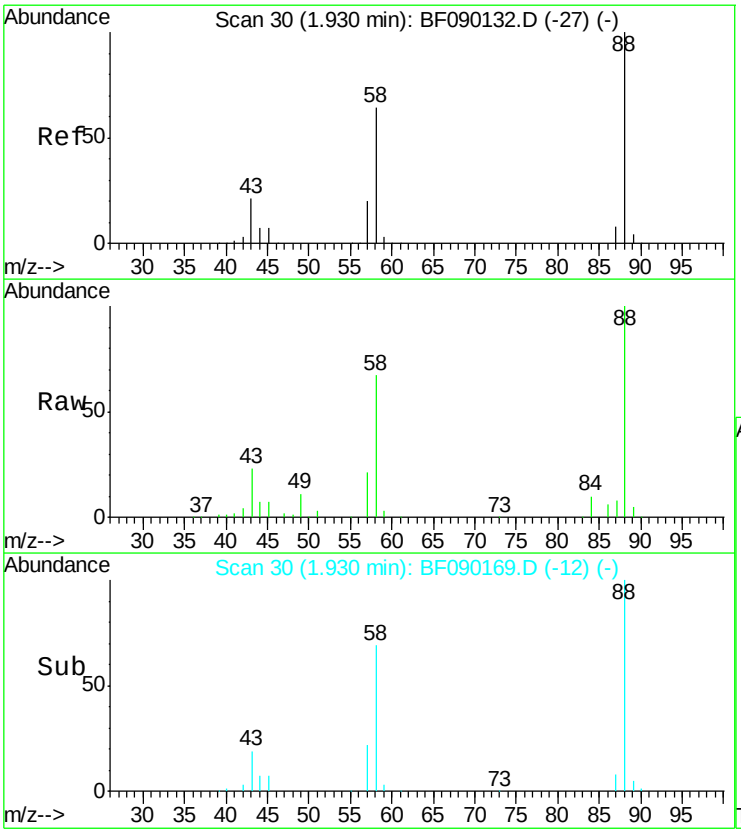

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:152 Resp: 136122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 128.9 | 193.3 |
| 115 | 71.1 | 55.5 | 83.3 |

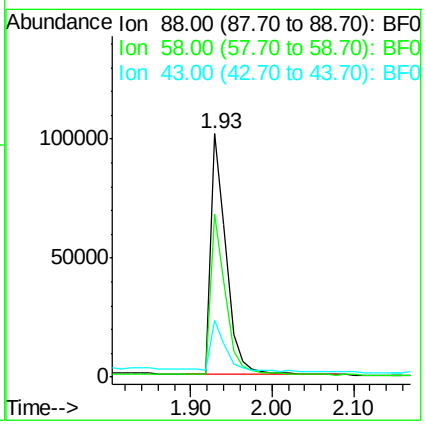


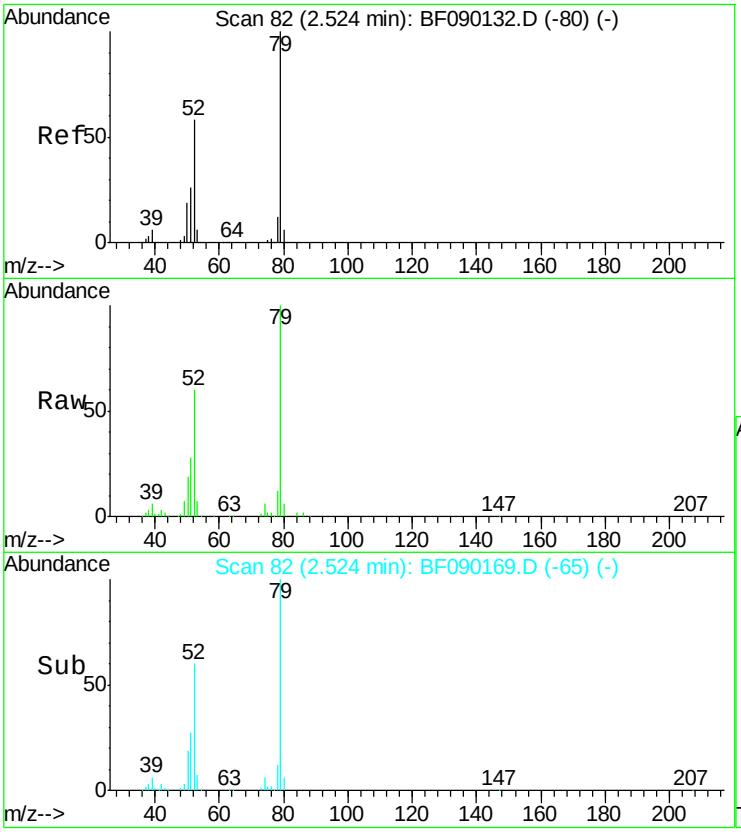




#2
1,4-Dioxane
Concen: 29.46 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 88 Resp: 133505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 65.4 | 53.4 | 80.0 |
| 43 | 23.0 | 16.5 | 24.7 |



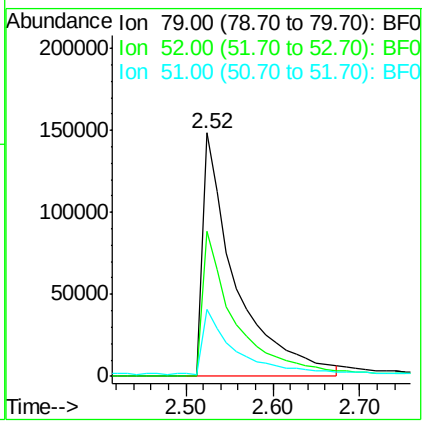


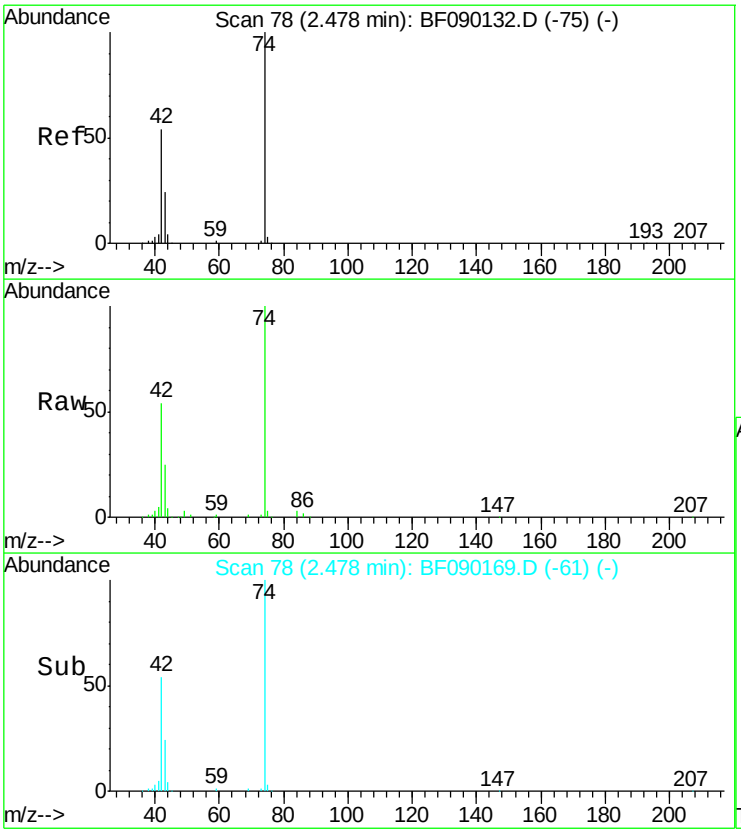

#3
Pyridine
Concen: 39.83 ng
RT: 2.52 min Scan# 82
Delta R.T. -0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 79 Resp: 391356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 59.5 | 45.9 | 68.9 |
| 51 | 27.6 | 21.3 | 31.9 |

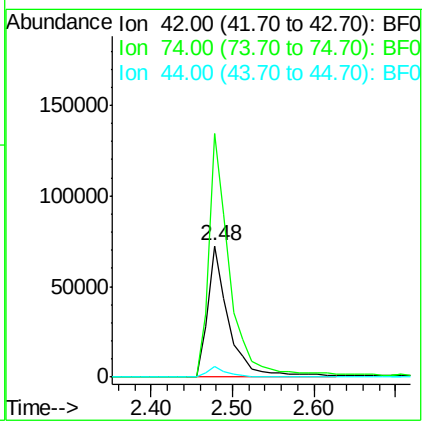


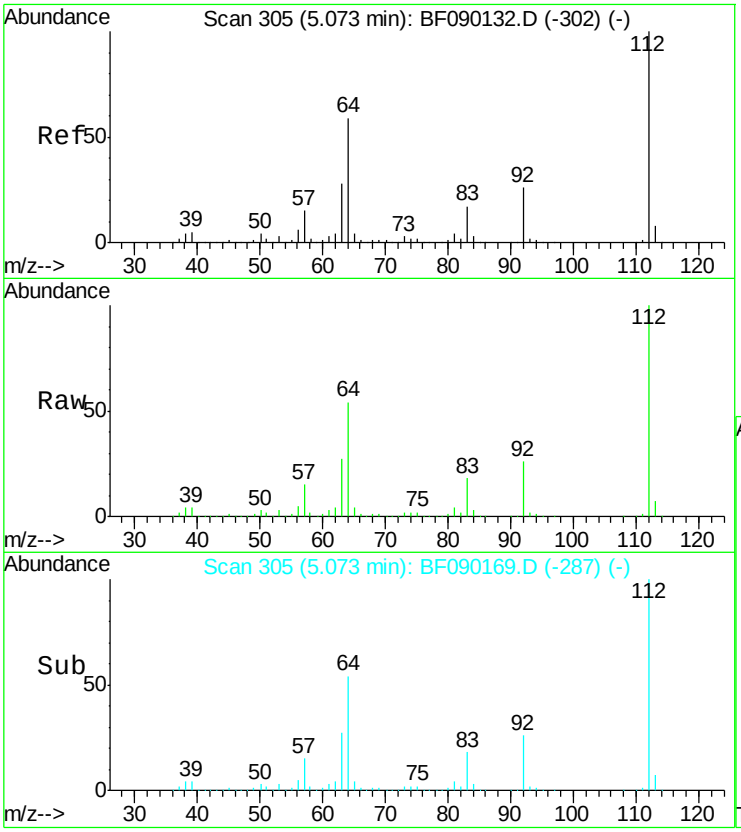




#4
n-Nitrosodimethylamine
Concen: 45.09 ng
RT: 2.48 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 42 Resp: 132239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 185.1 | 158.7 | 238.1 |
| 44 | 8.1 | 6.4 | 9.6 |



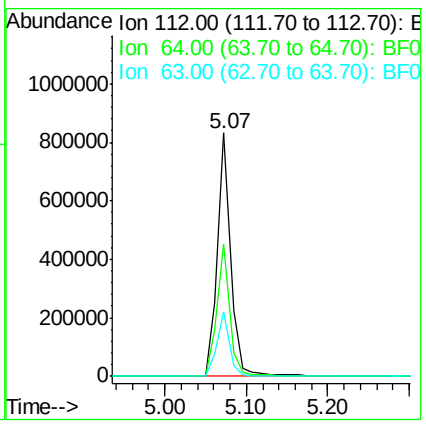


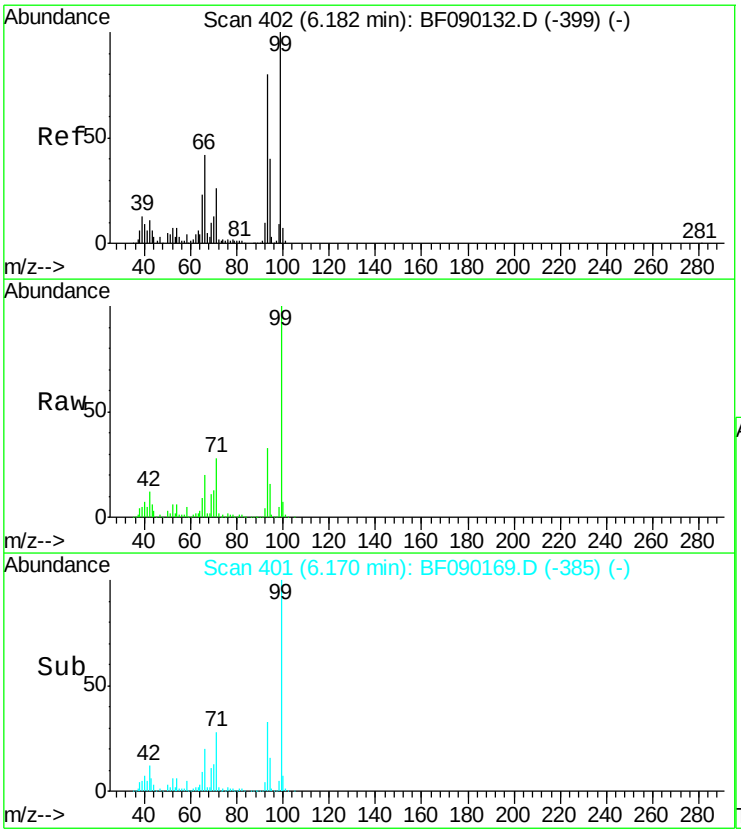

#5
2-Fluorophenol
Concen: 114.53 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:112 Resp: 956480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.3 | 39.8 | 59.6 |
| 63 | 26.7 | 18.9 | 28.3 |

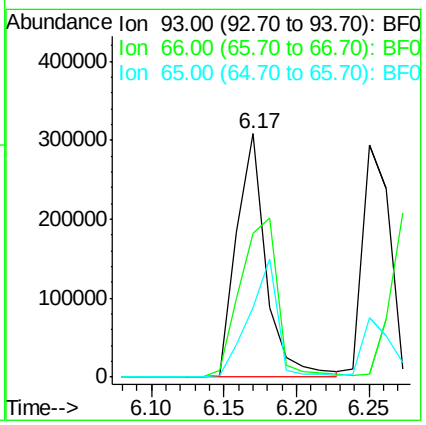


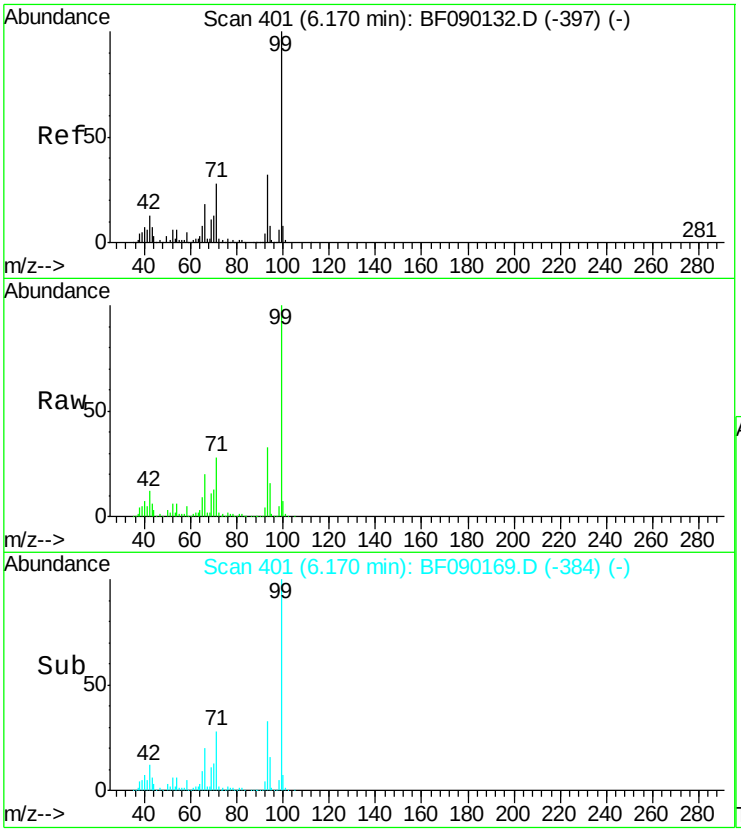




#6
Aniline
Concen: 33.97 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 93 Resp: 436753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 59.0 | 54.2 | 81.2 |
| 65 | 28.4 | 33.8 | 50.6# |



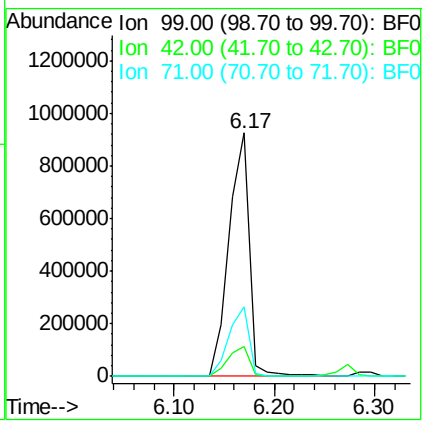


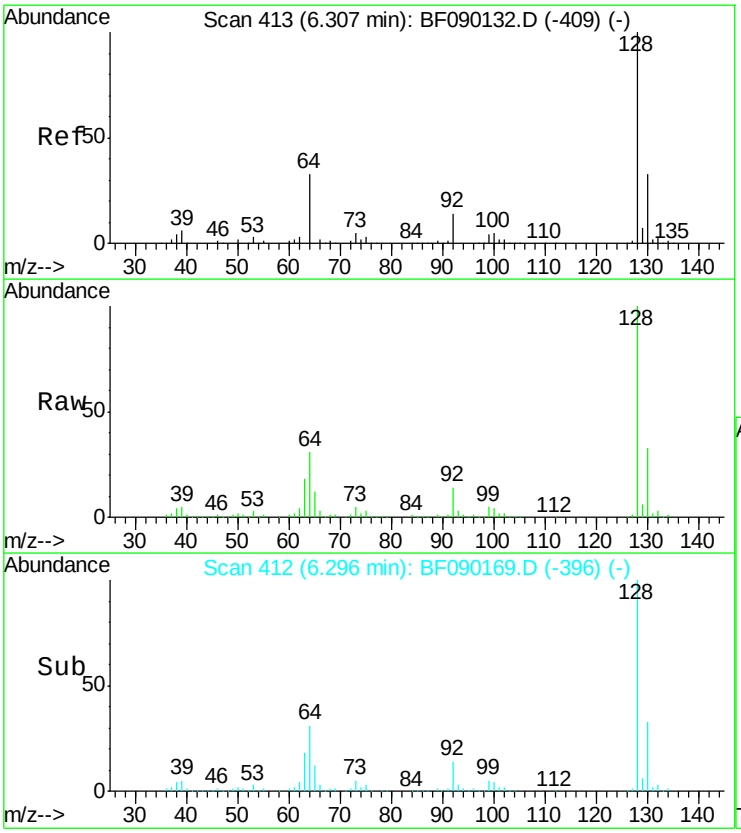

#7
Phenol-d6
Concen: 126.01 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 99 Resp: 1299561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.2 | 10.6 | 15.8 |
| 71 | 28.4 | 23.0 | 34.6 |

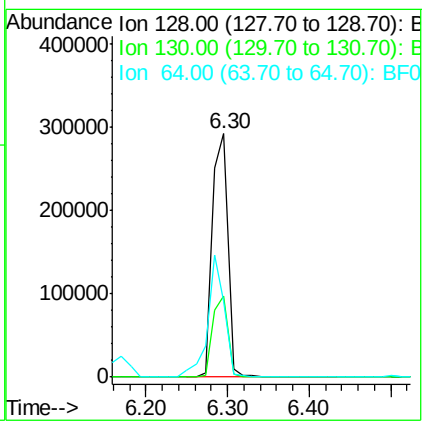


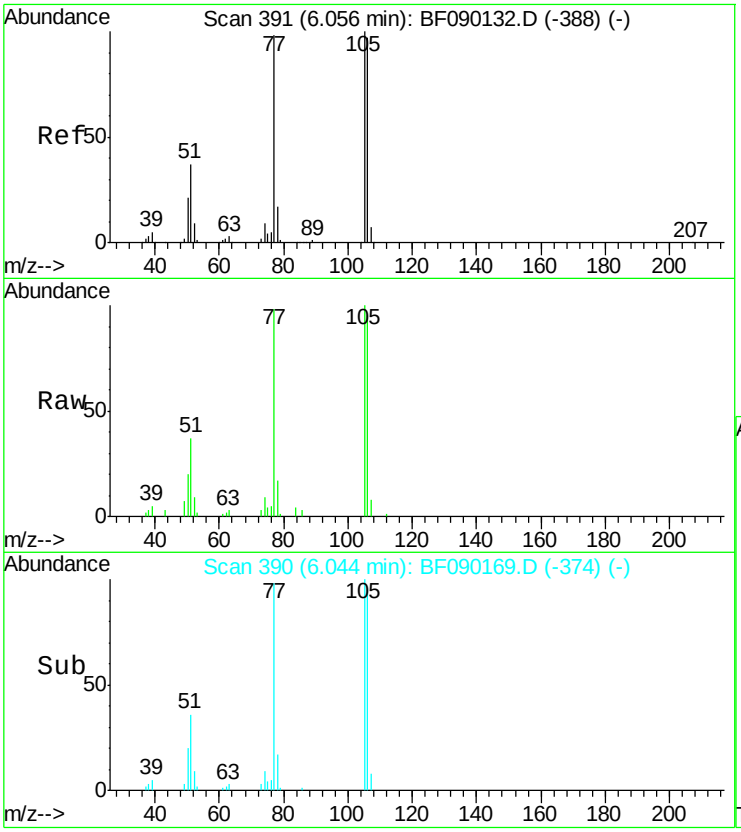




#8
2-Chlorophenol
Concen: 40.35 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:128 Resp: 387760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.4 | 12.0 | 52.0 |
| 64 | 31.2 | 33.6 | 73.6# |



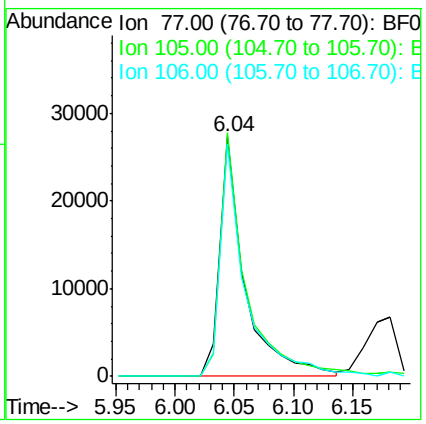


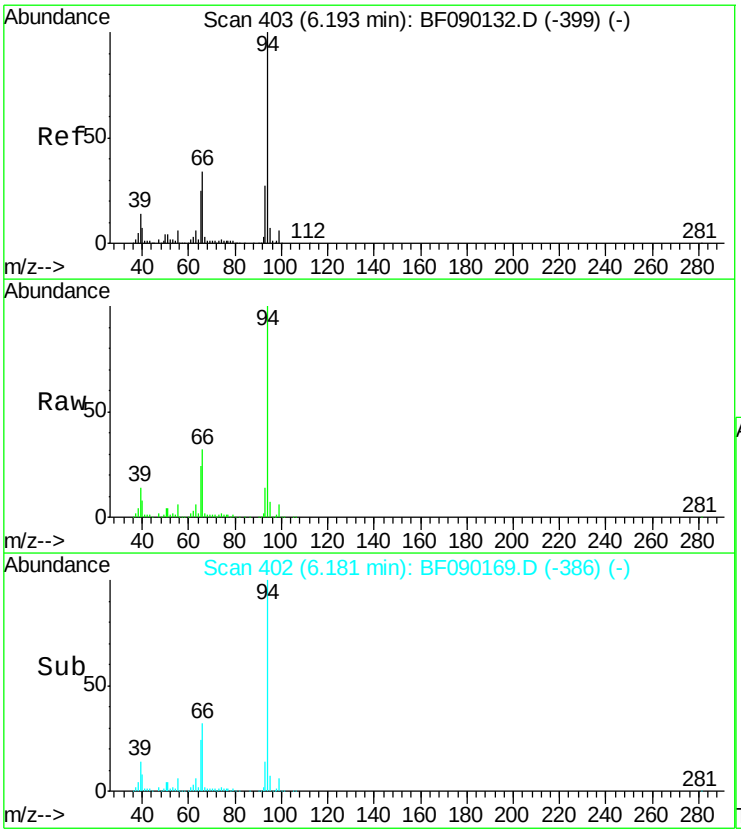

#9
Benzaldehyde
Concen: 8.91 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 77 Resp: 40026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.7 | 83.0 | 123.0 |
| 106 | 97.0 | 78.5 | 118.5 |

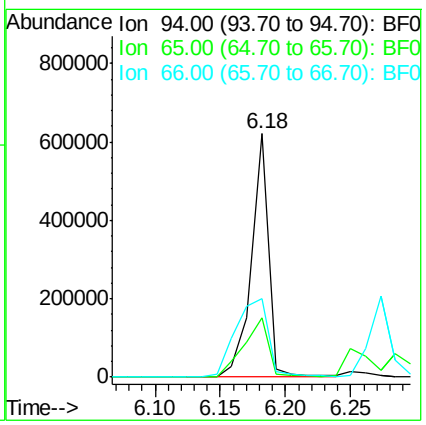


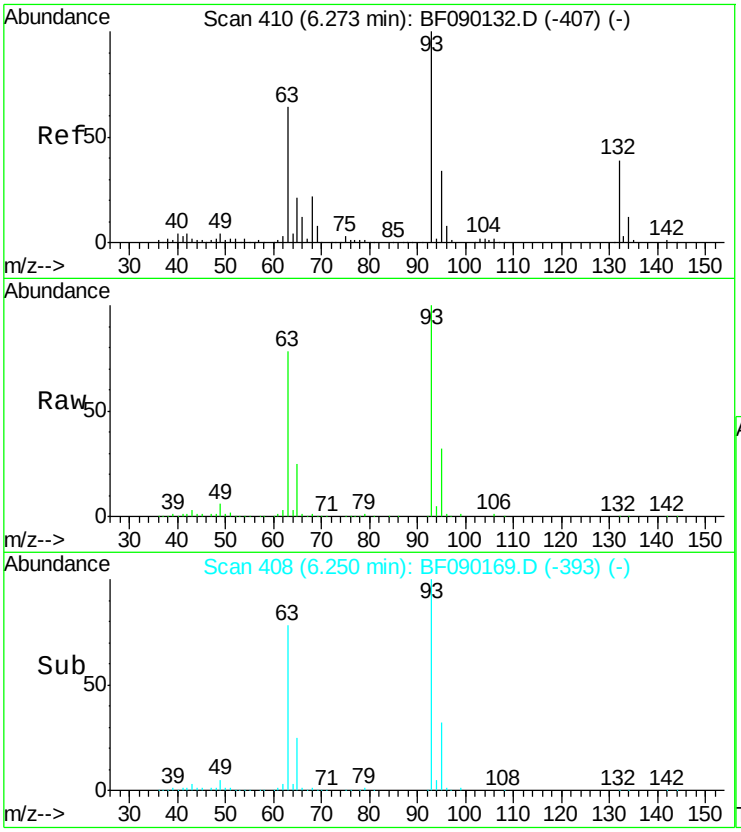




#10
Phenol
Concen: 47.50 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 94 Resp: 579134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.1 | 20.6 | 60.6 |
| 66 | 32.4 | 45.1 | 85.1# |



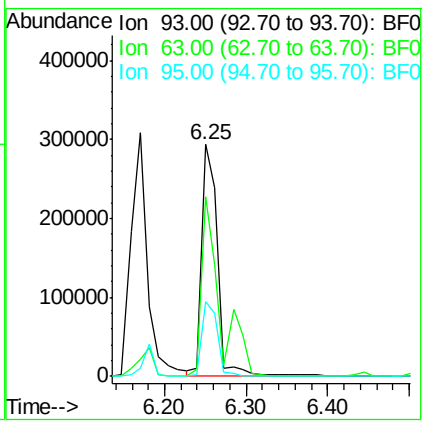


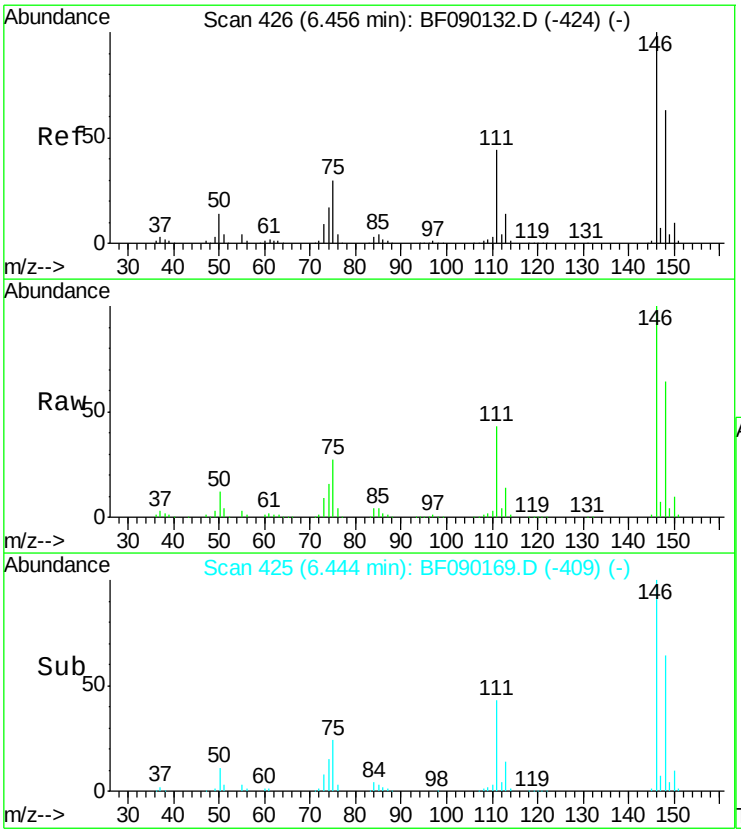

#11
bis(2-Chloroethyl)ether
Concen: 41.80 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 93 Resp: 397401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.6 | 55.6 | 95.6 |
| 95 | 32.4 | 12.6 | 52.6 |

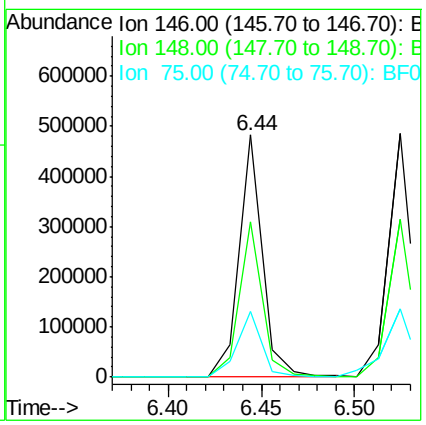


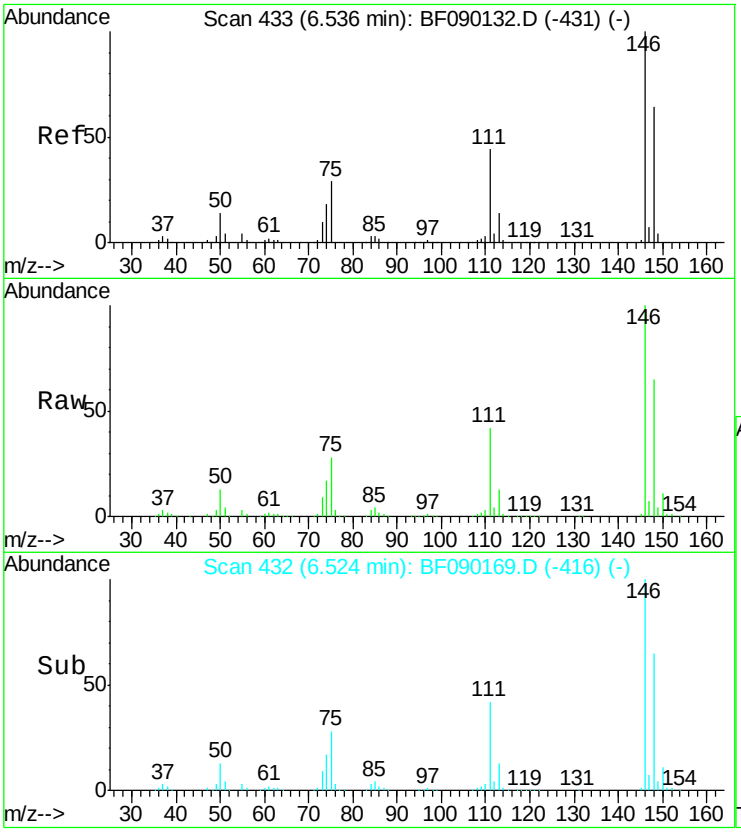




#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:146 Resp: 423812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.9 | 77.9 |
| 75 | 27.3 | 22.8 | 34.2 |



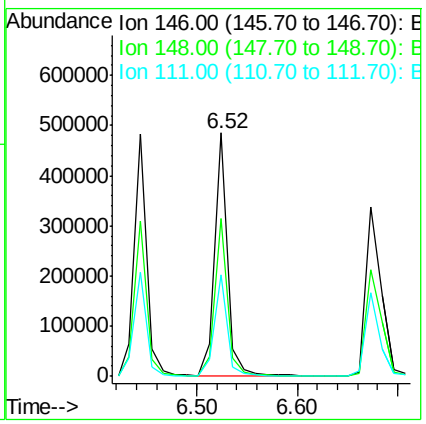


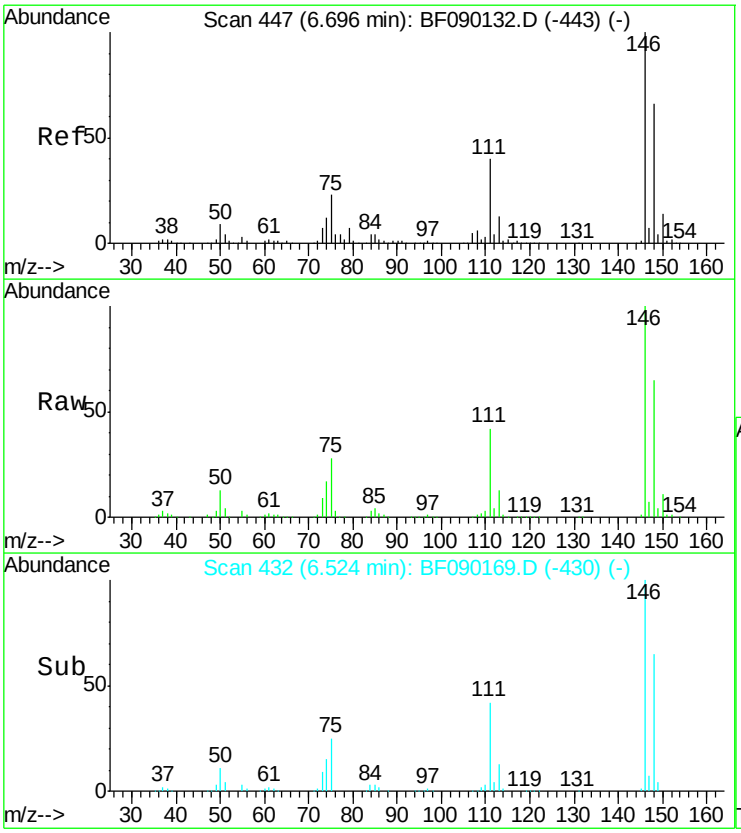

#13
1,4-Dichlorobenzene
Concen: 42.28 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:146 Resp: 433339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 52.0 | 78.0 |
| 111 | 41.9 | 33.8 | 50.6 |

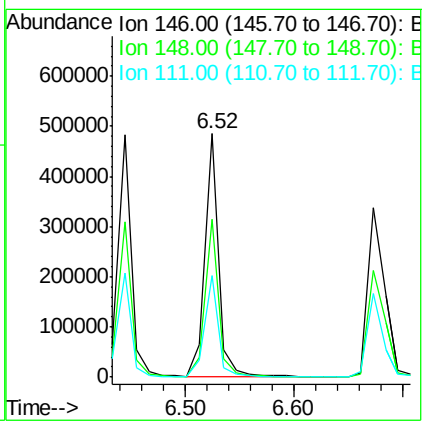


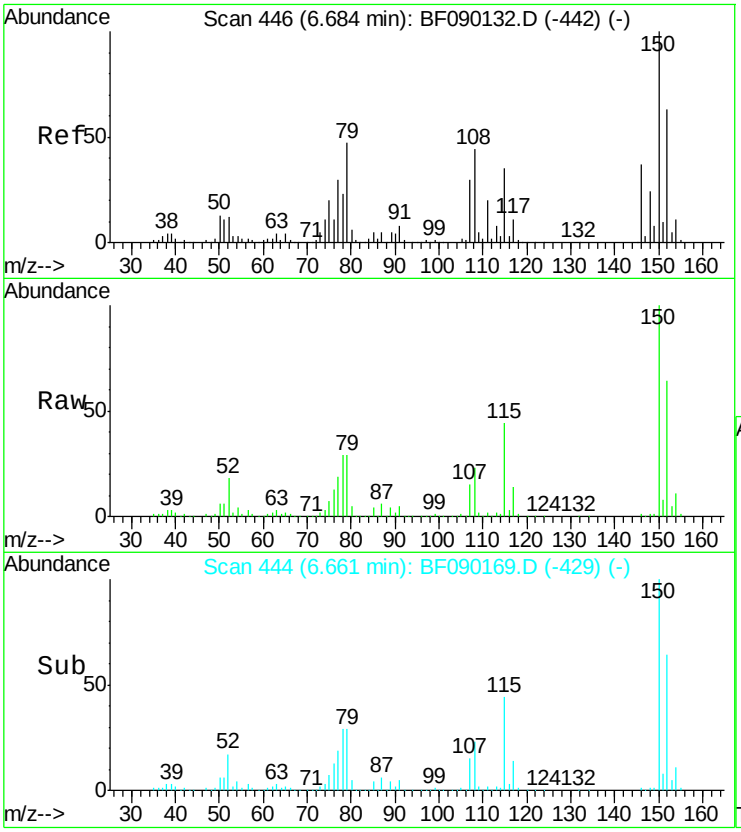




#14
1,2-Dichlorobenzene
Concen: 47.10 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.17 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:146 Resp: 430075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 52.6 | 79.0 |
| 111 | 41.9 | 28.2 | 42.2 |



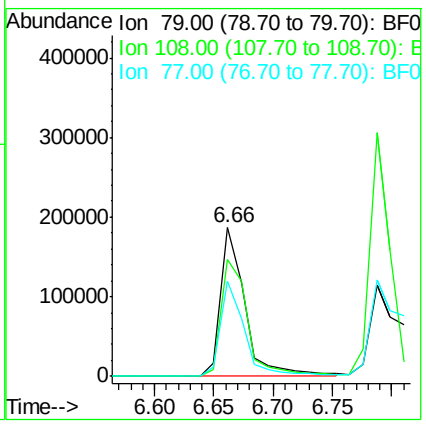


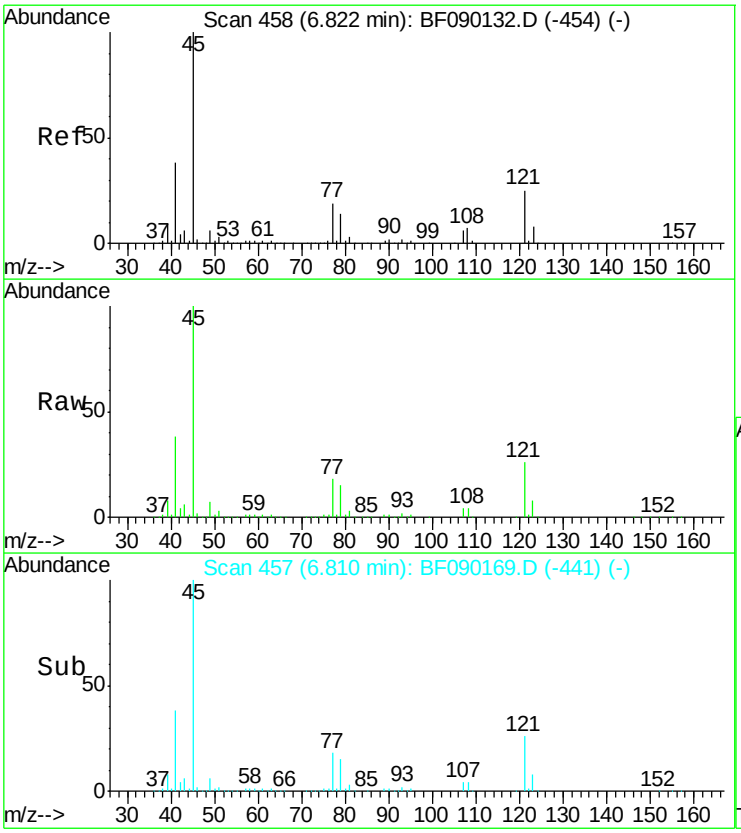

#15
Benzyl Alcohol
Concen: 43.33 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 79 Resp: 266494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 62.2 | 93.4 |
| 77 | 63.9 | 51.4 | 77.0 |

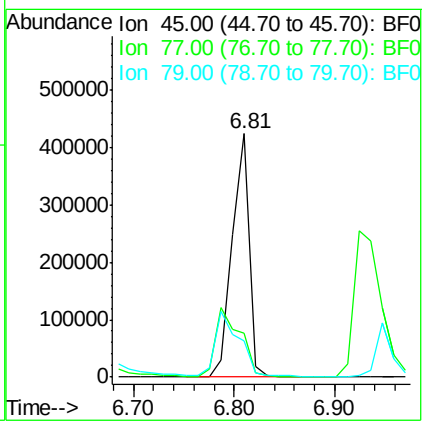


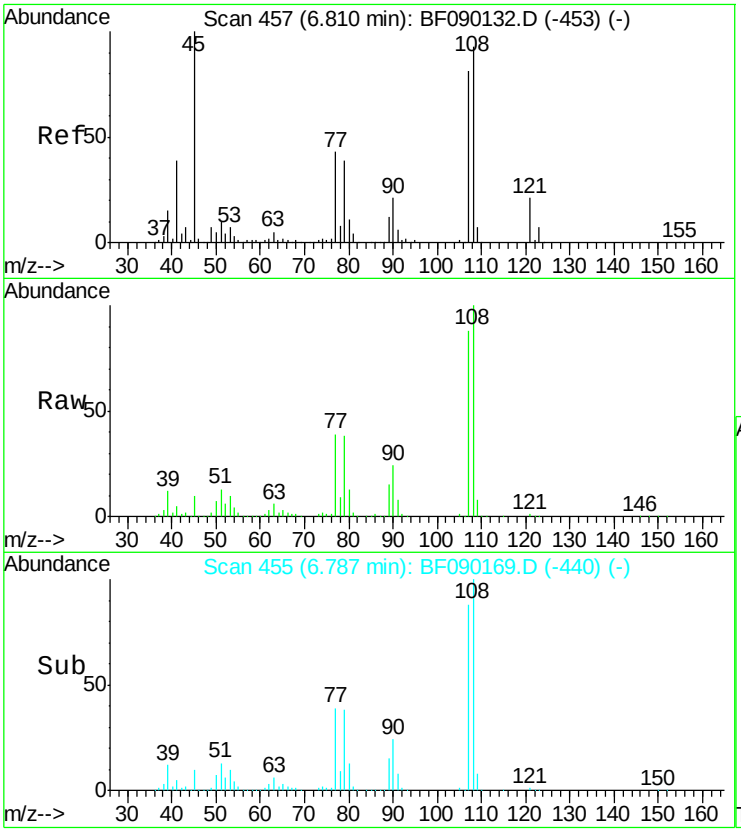




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.06 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 45 Resp: 500625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.8 | 0.5 | 40.5 |
| 79 | 15.1 | 0.0 | 37.0 |



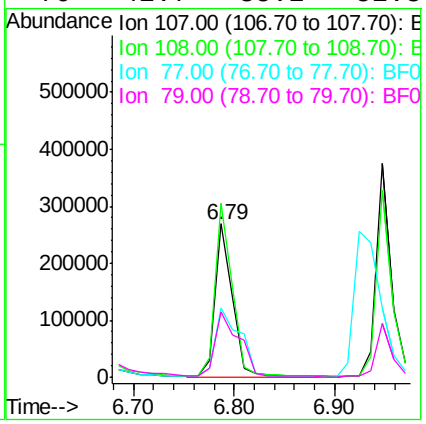


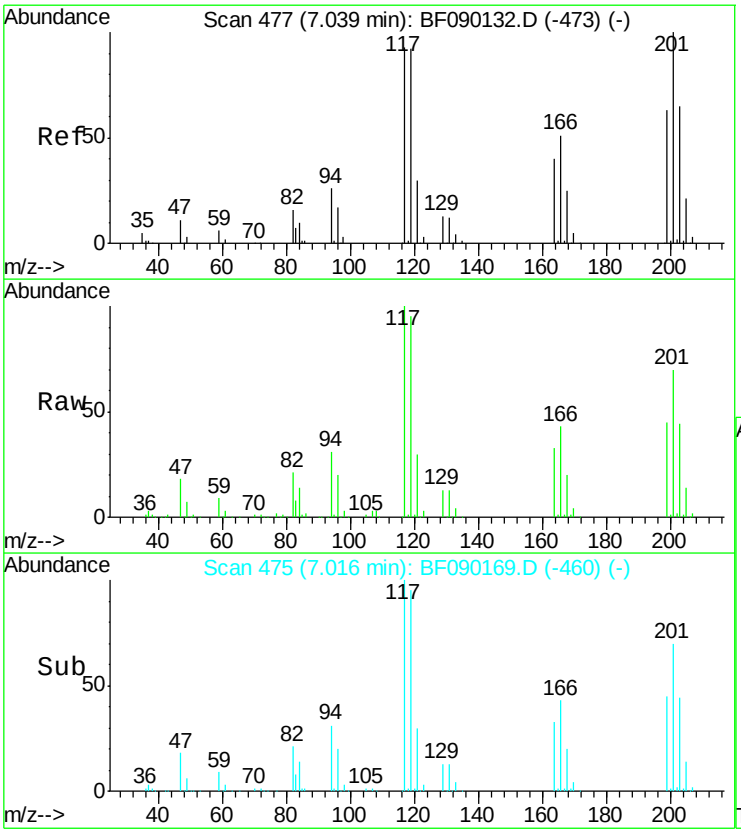

#17
2-Methylphenol
Concen: 42.51 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:107 Resp: 321773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.5 | 92.0 | 138.0 |
| 77 | 44.7 | 35.6 | 53.4 |
| 79 | 42.7 | 35.2 | 52.8 |

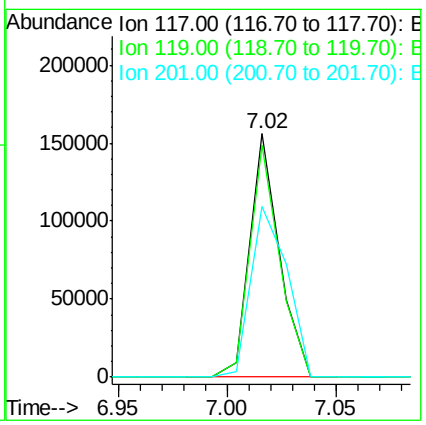


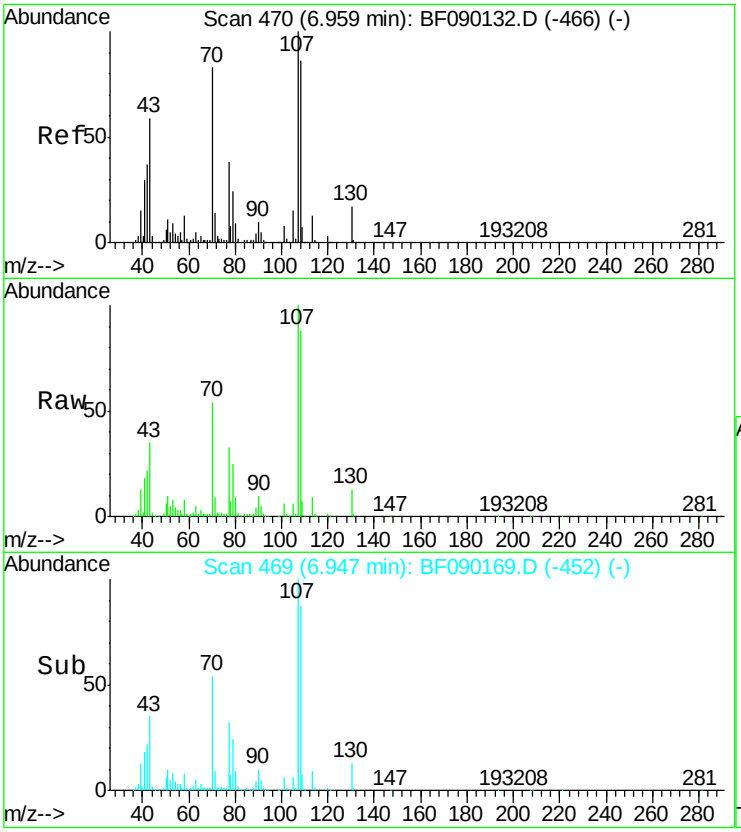




#18
Hexachloroethane
Concen: 40.34 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:117 Resp: 147487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.2 | 76.6 | 115.0 |
| 201 | 70.2 | 55.5 | 83.3 |



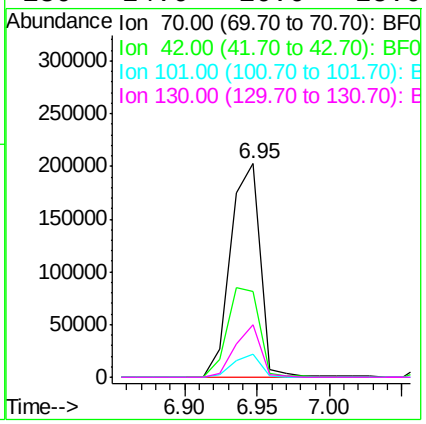


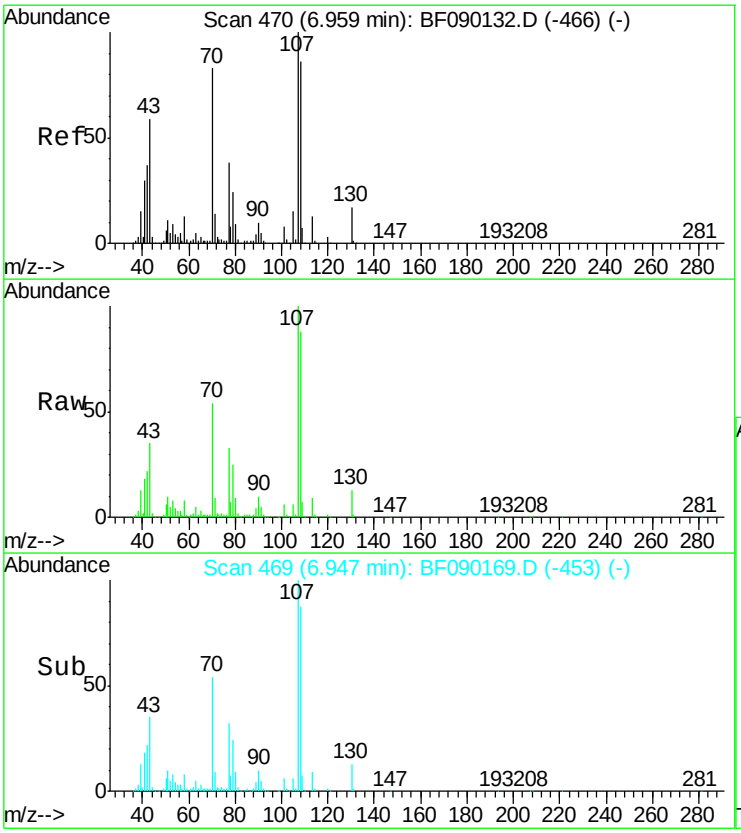

#19
n-Nitroso-di-n-propylamine
Concen: 47.24 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 70 Resp: 286179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.2 | 35.1 | 52.7 |
| 101 | 10.7 | 7.5 | 11.3 |
| 130 | 24.6 | 16.6 | 25.0 |

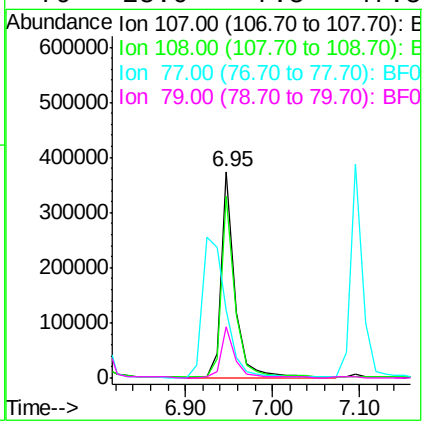


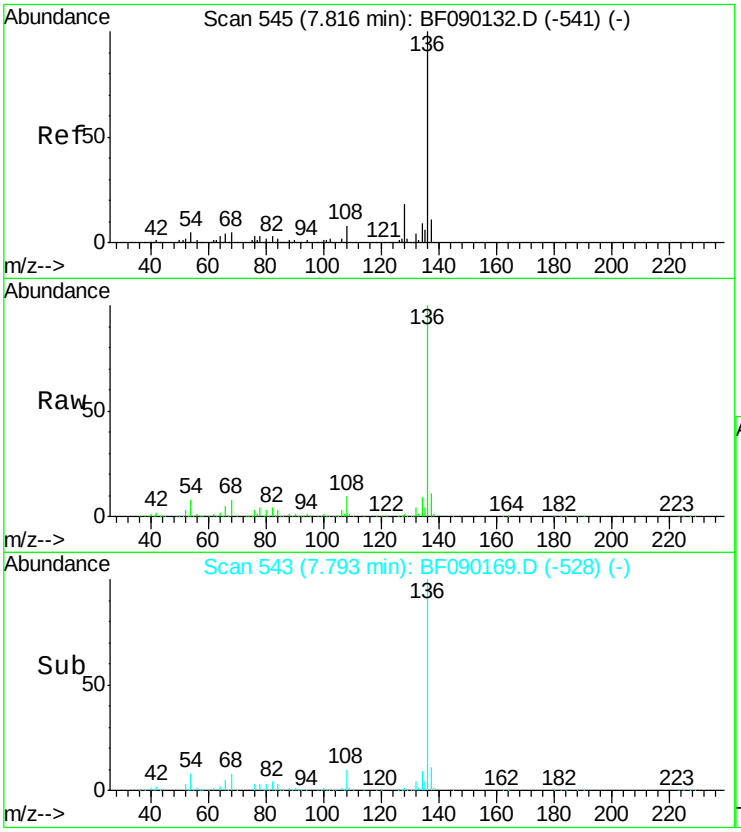




#20
3+4-Methylphenols
Concen: 45.31 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:107 Resp: 411756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.6 | 73.3 | 113.3 |
| 77 | 32.6 | 14.1 | 54.1 |
| 79 | 25.0 | 7.5 | 47.5 |



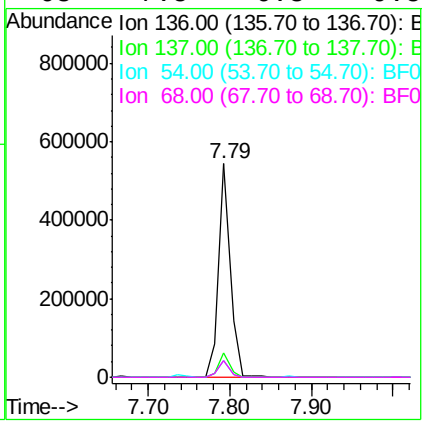


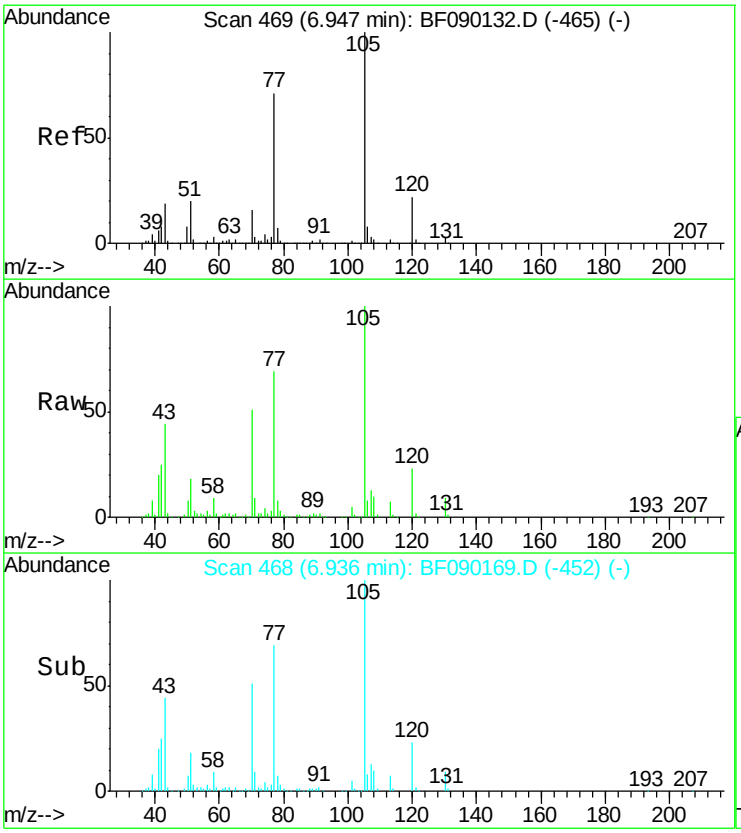

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:136 Resp: 540113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.4 |
| 54 | 7.8 | 6.4 | 9.6 |
| 68 | 7.5 | 6.3 | 9.5 |

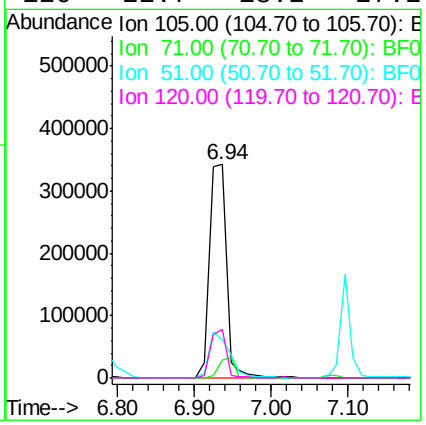


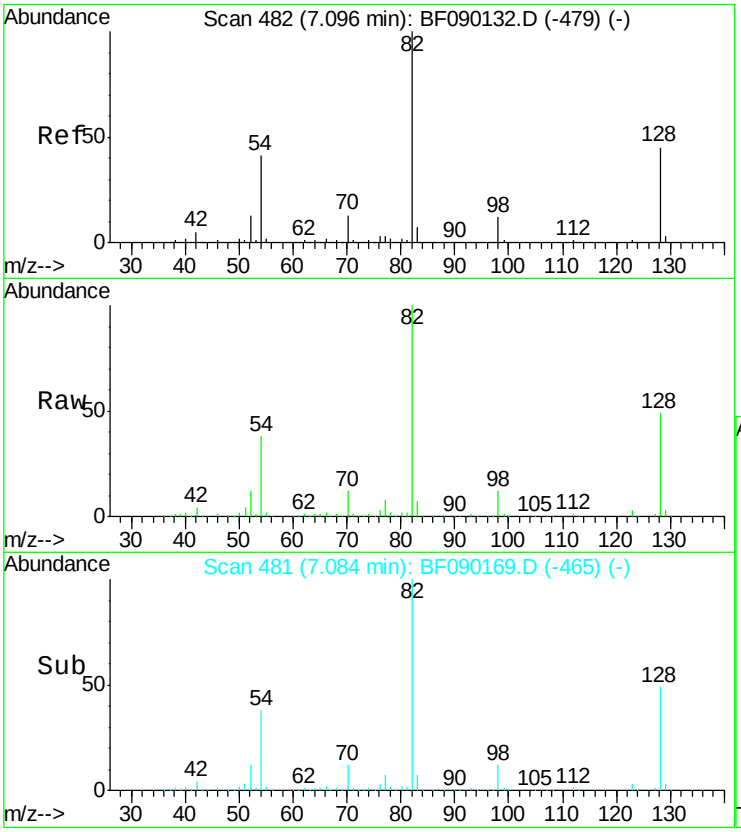




#22
Acetophenone
Concen: 40.30 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:105 Resp: 524954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.6 | 4.1 | 6.1# |
| 51 | 18.0 | 16.2 | 24.2 |
| 120 | 22.7 | 18.2 | 27.2 |



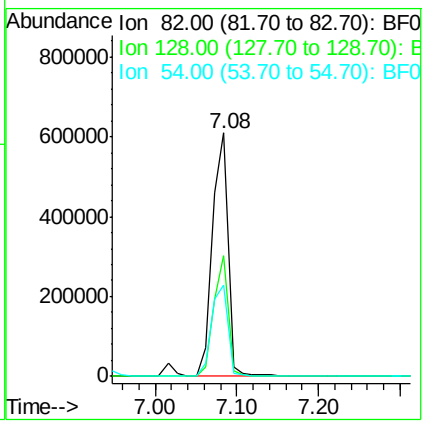


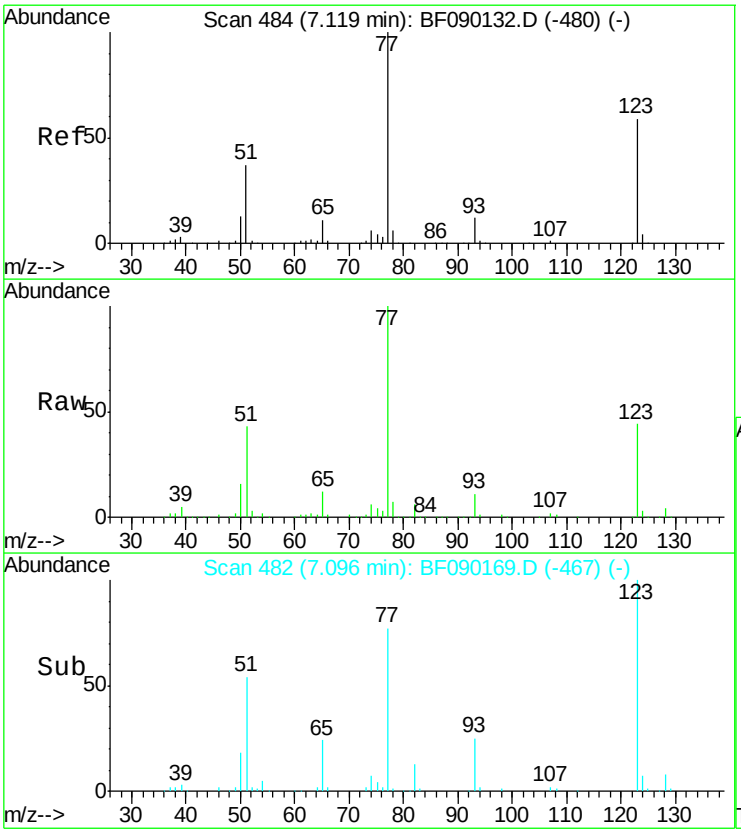

#23
Nitrobenzene-d5
Concen: 88.09 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 82 Resp: 820732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 37.5 | 56.3 |
| 54 | 37.7 | 31.9 | 47.9 |

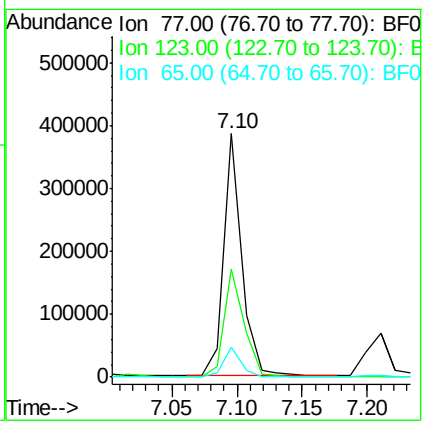


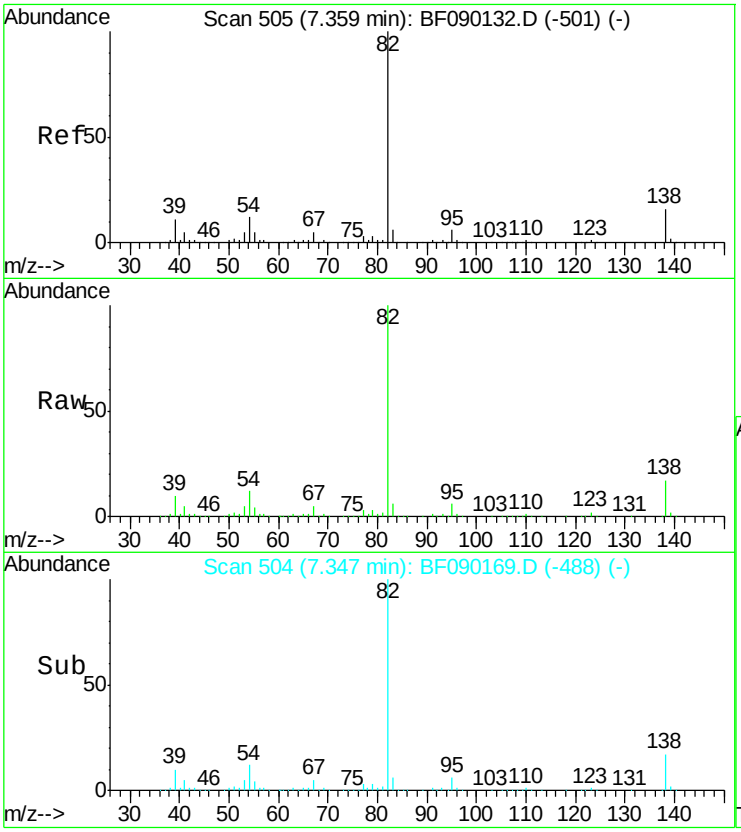




#24
Nitrobenzene
Concen: 38.73 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 77 Resp: 375970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.2 | 33.4 | 50.2 |
| 65 | 12.2 | 10.1 | 15.1 |



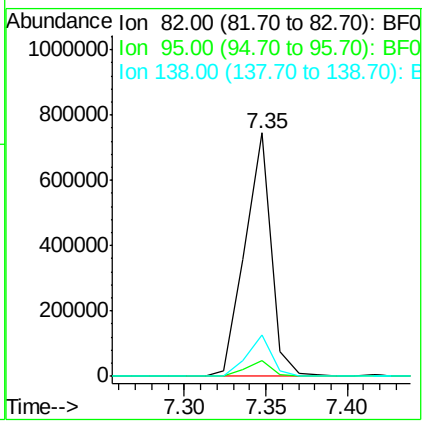


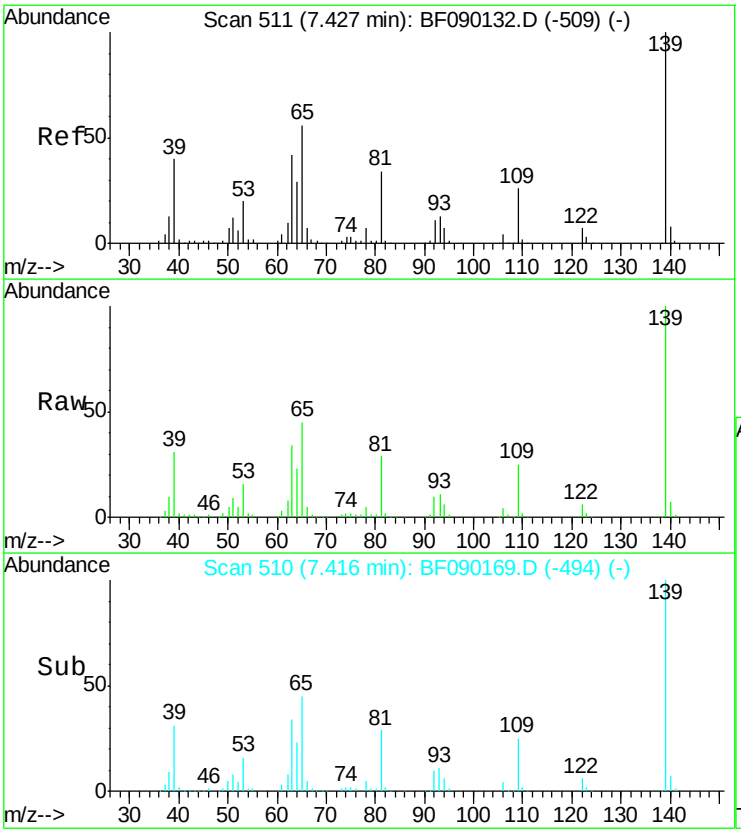

#25
Isophorone
Concen: 42.45 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 82 Resp: 826339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.1 | 7.7 |
| 138 | 17.2 | 13.5 | 20.3 |

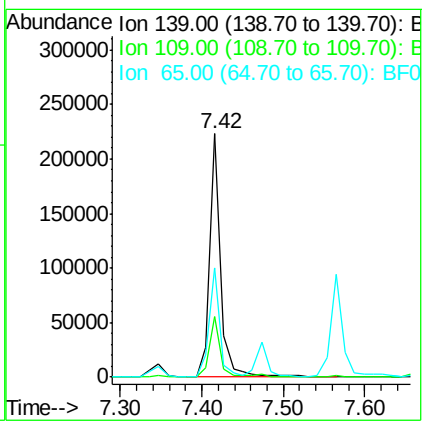


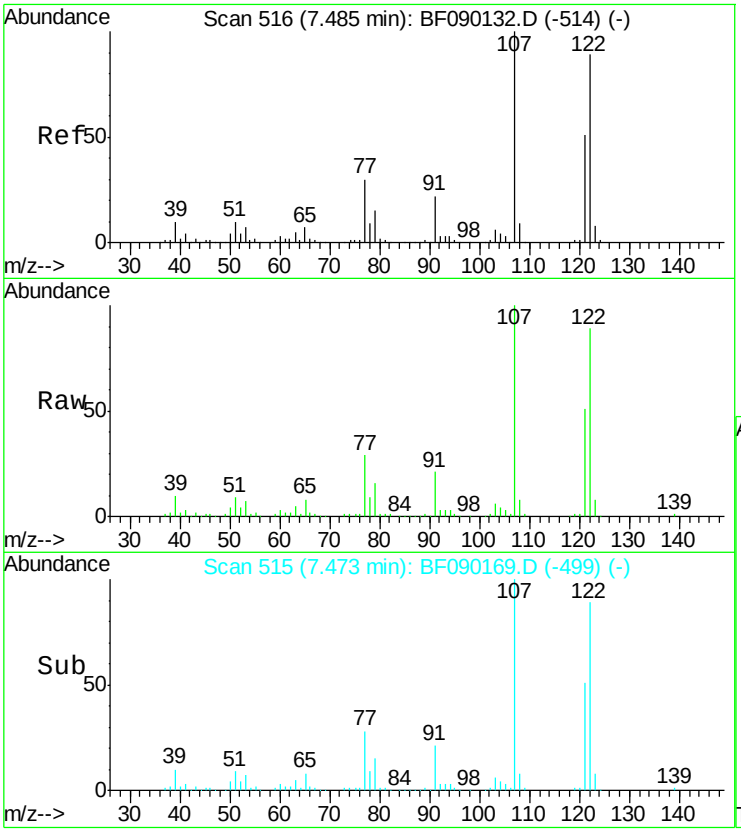




#26
2-Nitrophenol
Concen: 45.32 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:139 Resp: 216671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.7 | 20.5 | 30.7 |
| 65 | 45.1 | 37.9 | 56.9 |



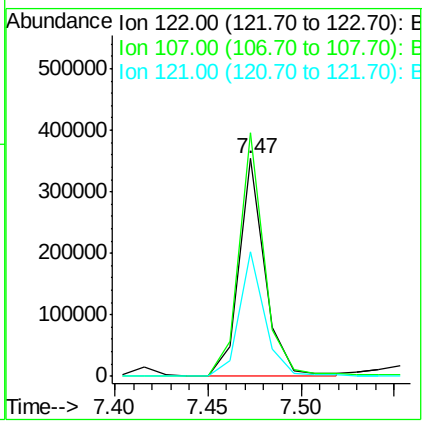


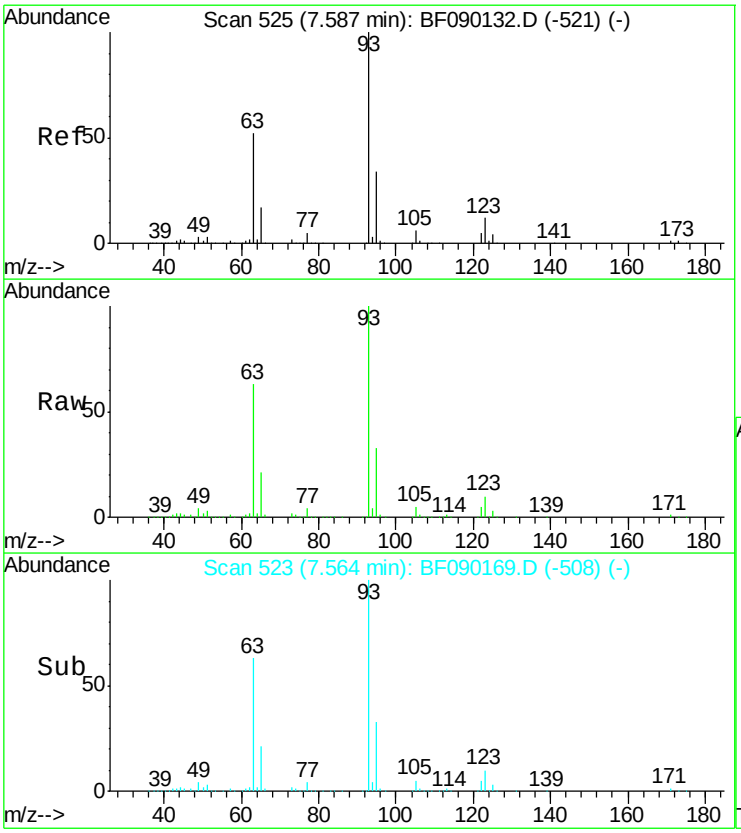

#27
2,4-Dimethylphenol
Concen: 40.11 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:122 Resp: 340651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.0 | 87.8 | 131.6 |
| 121 | 57.4 | 45.7 | 68.5 |

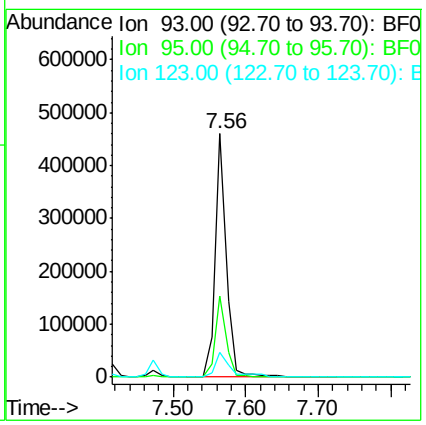


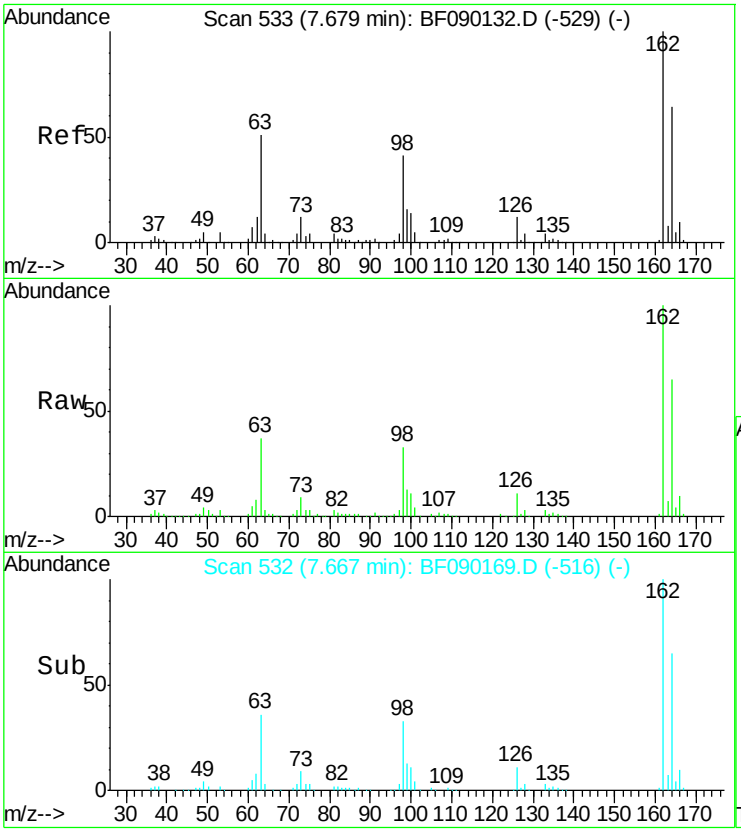




#28
bis(2-Chloroethoxy)methane
Concen: 41.75 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 93 Resp: 491659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.8 | 40.2 |
| 123 | 10.4 | 8.5 | 12.7 |



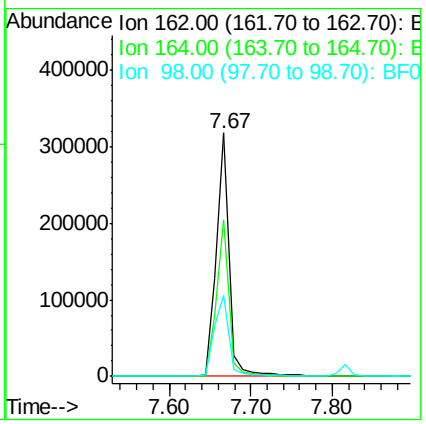


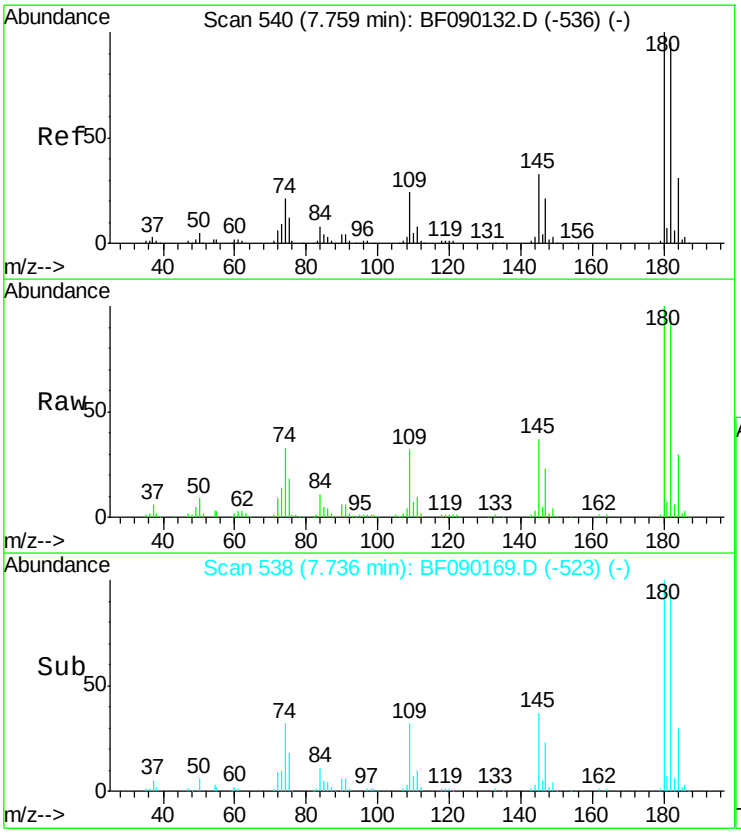

#29
2,4-Dichlorophenol
Concen: 46.43 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:162 Resp: 345903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 46.2 | 86.2 |
| 98 | 33.3 | 10.4 | 50.4 |

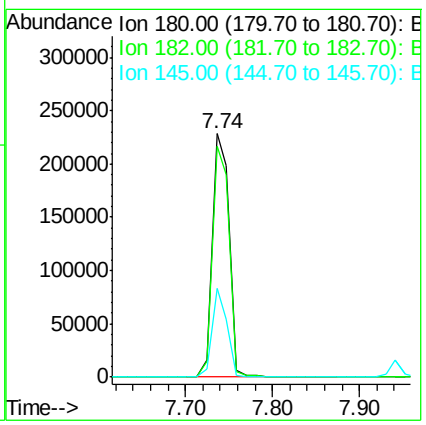


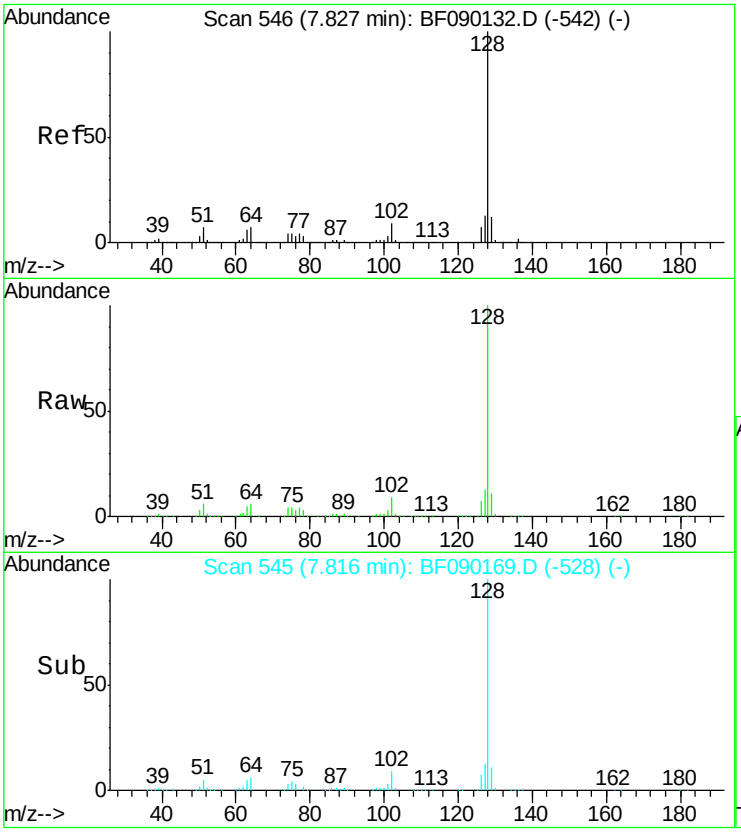




#30
1,2,4-Trichlorobenzene
Concen: 41.98 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:180 Resp: 312390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 75.0 | 112.6 |
| 145 | 36.7 | 28.6 | 42.8 |



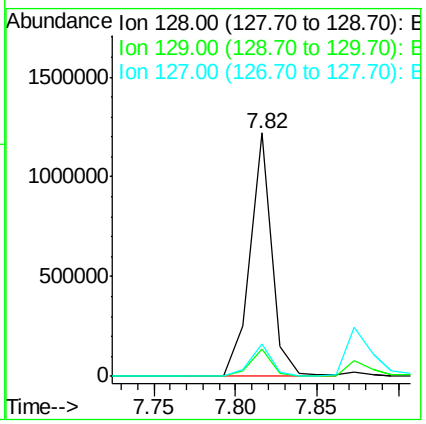


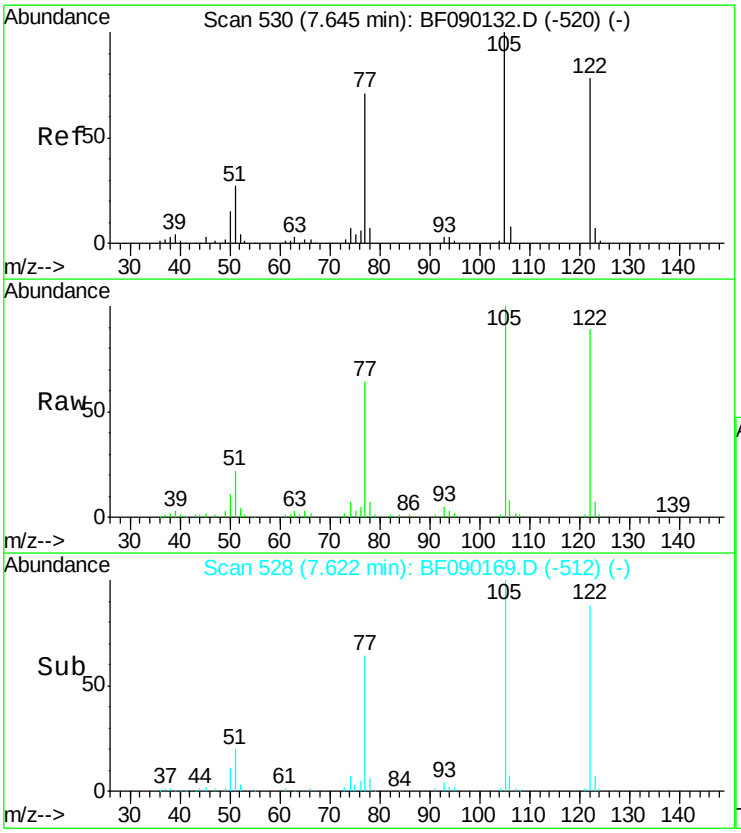

#31
Naphthalene
Concen: 44.13 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:128 Resp: 1134961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.3 | 13.9 |
| 127 | 13.3 | 10.8 | 16.2 |

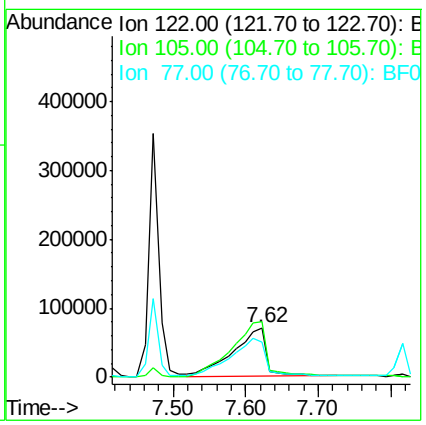


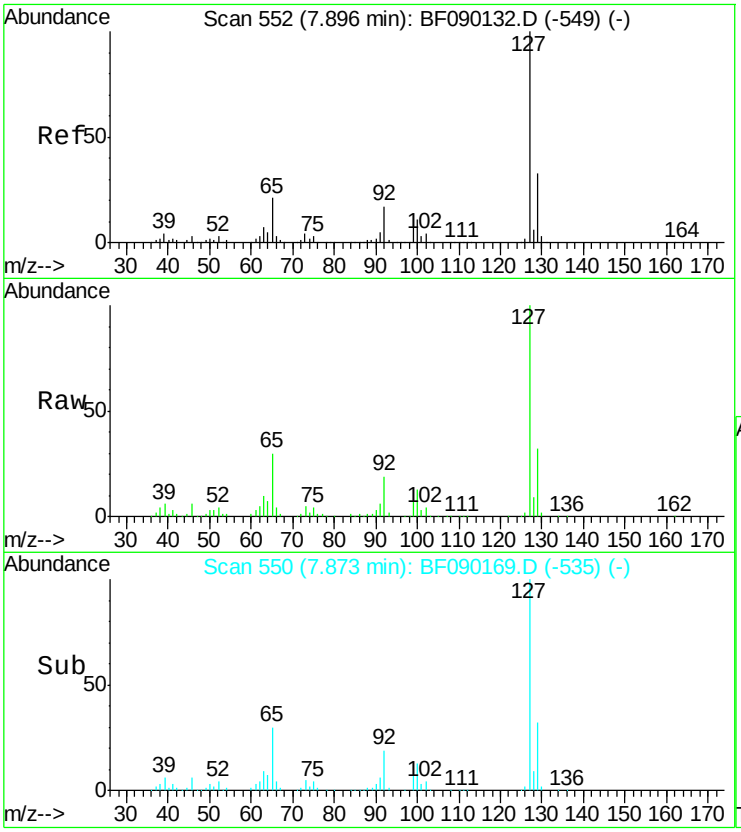




#32
Benzoic acid
Concen: 38.23 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:122 Resp: 222914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 112.5 | 105.0 | 145.0 |
| 77 | 72.5 | 70.4 | 110.4 |



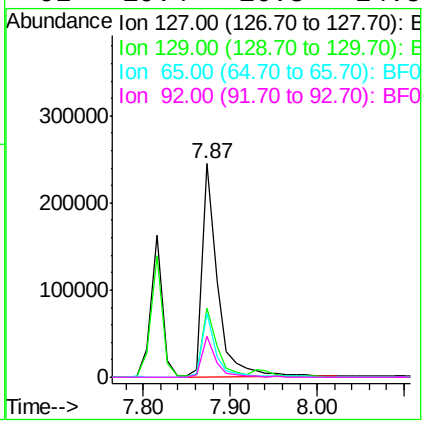


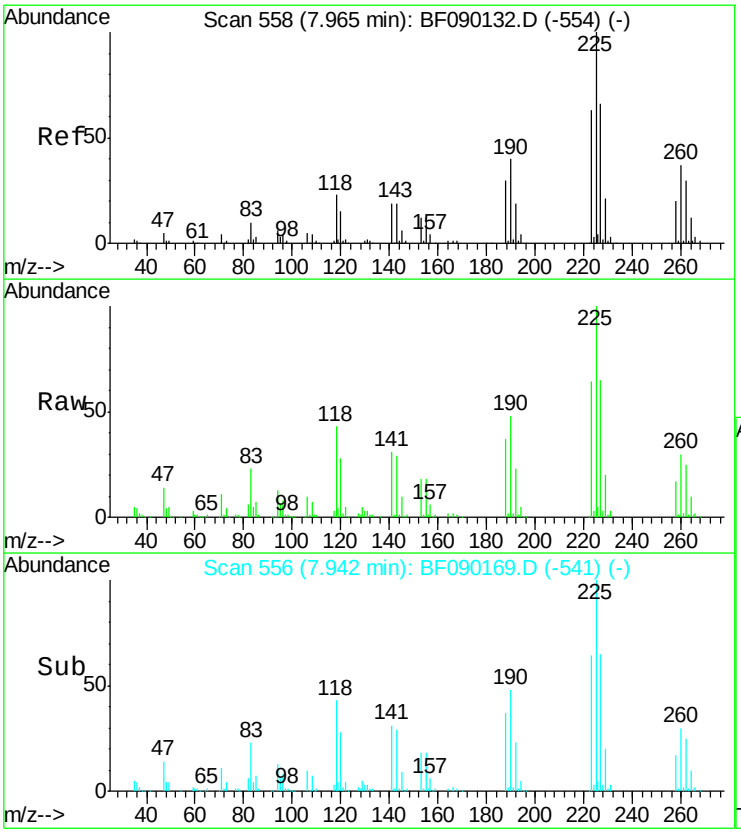

#33
4-Chloroaniline
Concen: 28.11 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:127 Resp: 299865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.6 |
| 65 | 29.9 | 24.1 | 36.1 |
| 92 | 19.4 | 16.3 | 24.5 |

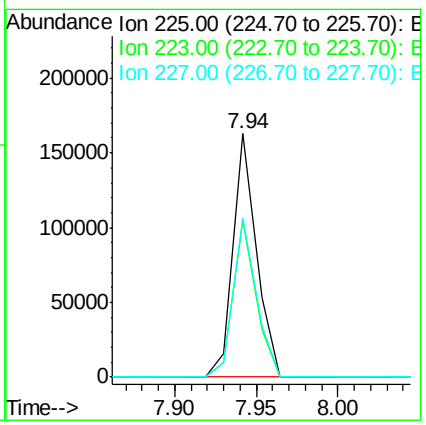


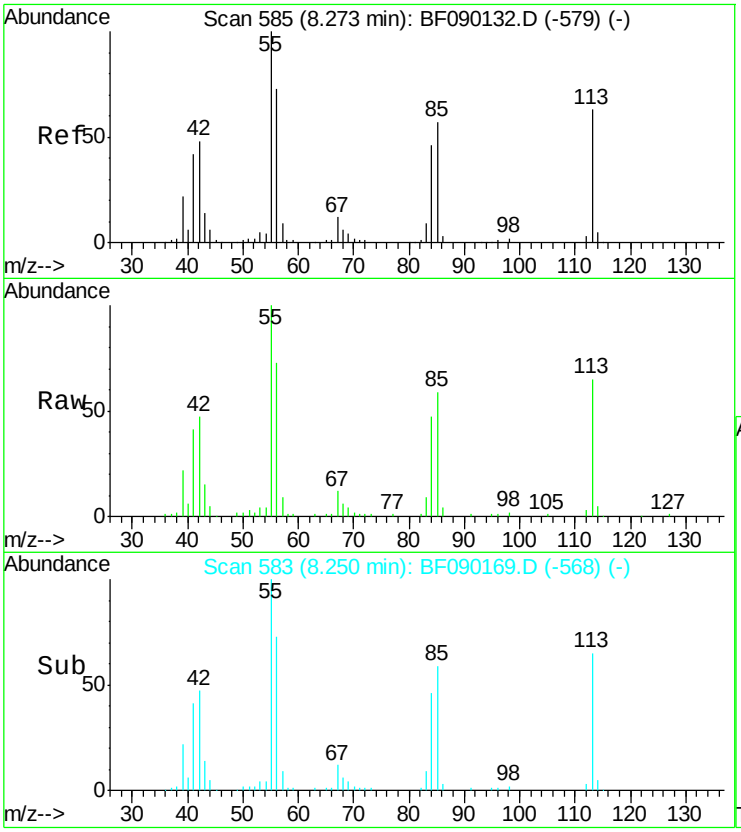




#34
Hexachlorobutadiene
Concen: 40.63 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:225 Resp: 159483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.4 | 51.3 | 76.9 |
| 227 | 65.2 | 51.4 | 77.0 |



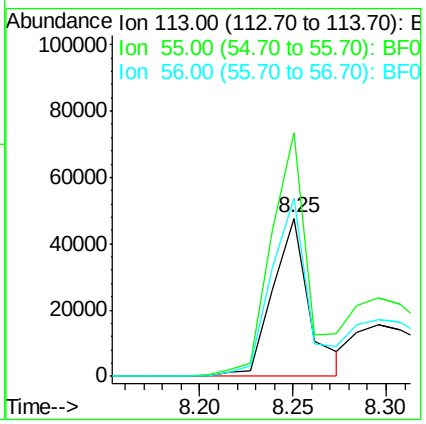


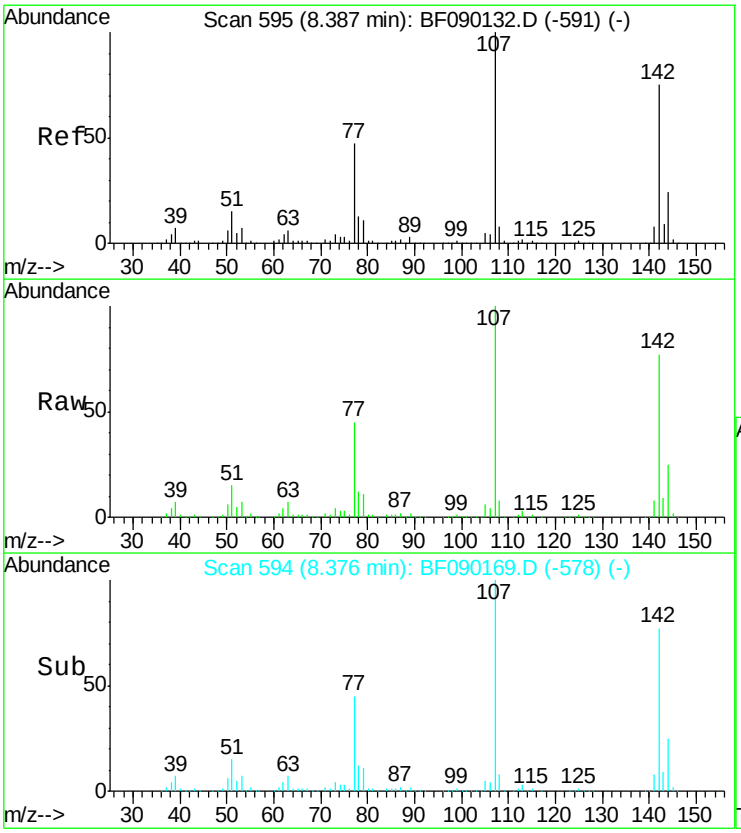

#35
Caprolactam
Concen: 26.29 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:113 Resp: 64837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 153.6 | 134.5 | 174.5 |
| 56 | 112.6 | 93.7 | 133.7 |

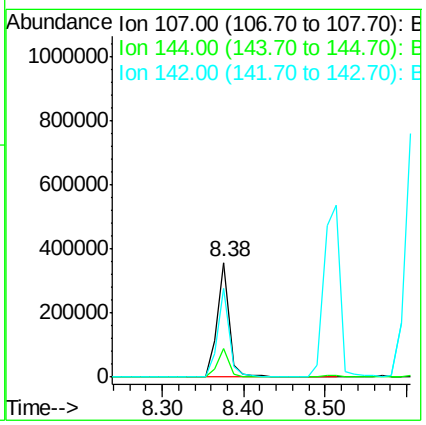


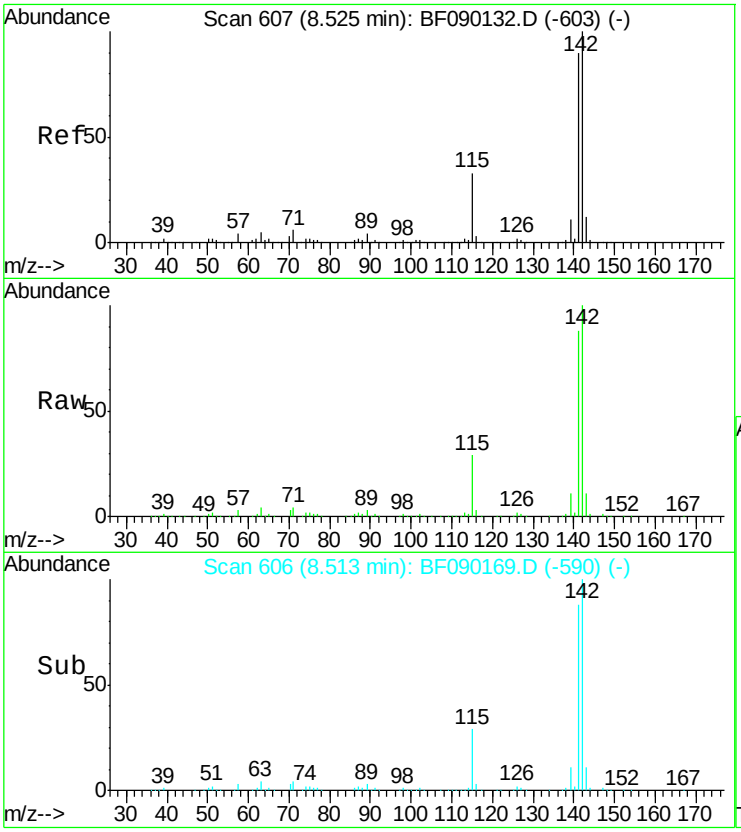




#36
4-Chloro-3-methylphenol
Concen: 44.37 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:107 Resp: 373607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.3 | 18.6 | 27.8 |
| 142 | 77.4 | 57.0 | 85.6 |



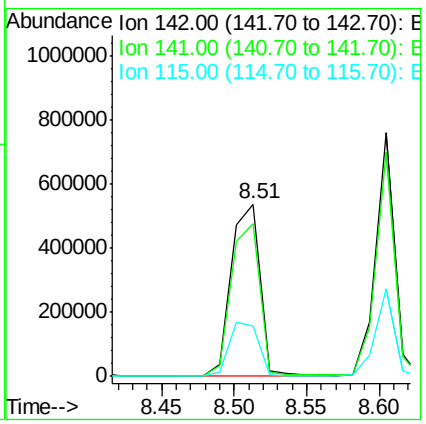


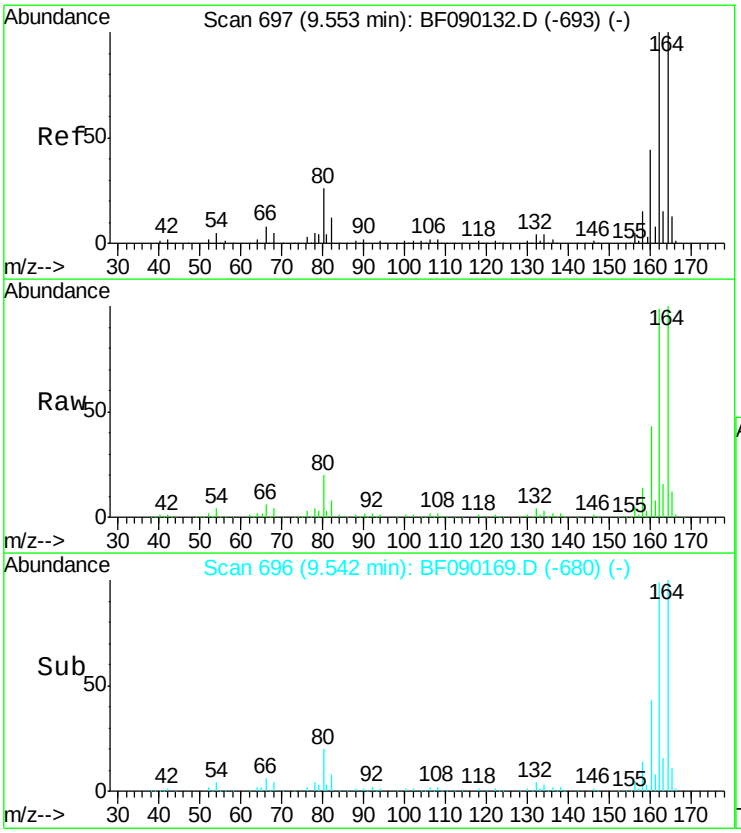

#37
2-Methylnaphthalene
Concen: 46.12 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:142 Resp: 737692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 71.4 | 107.2 |
| 115 | 29.0 | 28.3 | 42.5 |

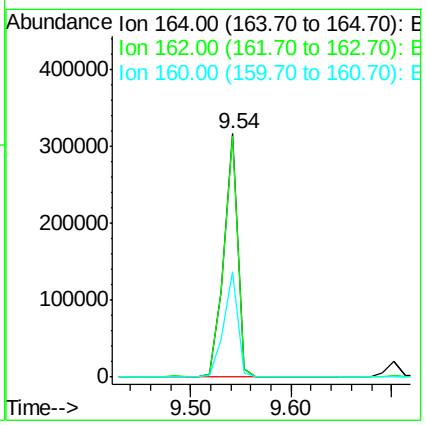


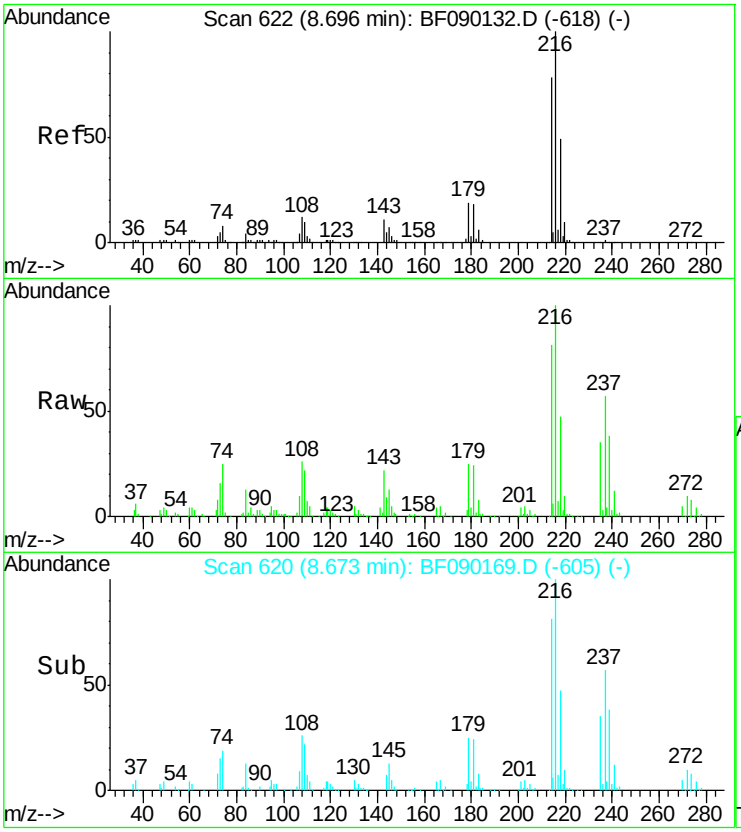




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:164 Resp: 305791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 81.4 | 122.2 |
| 160 | 43.3 | 36.6 | 54.8 |



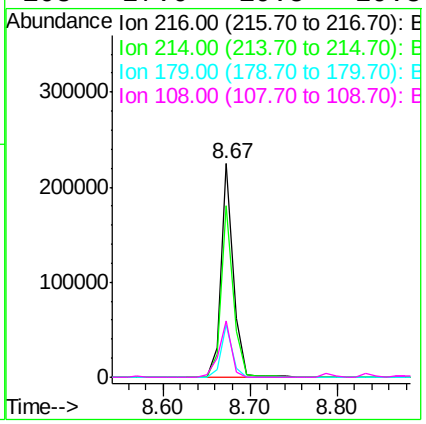


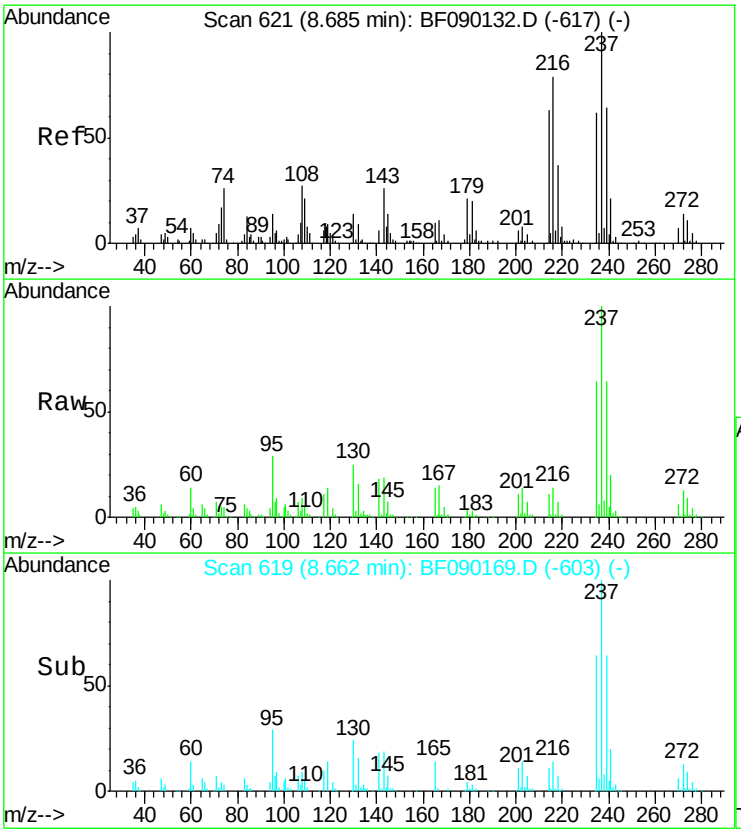

#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.95 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:216 Resp: 224270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.1 | 63.7 | 95.5 |
| 179 | 22.8 | 18.5 | 27.7 |
| 108 | 27.0 | 19.5 | 29.3 |

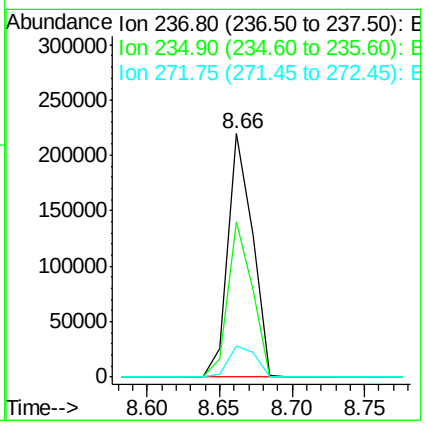


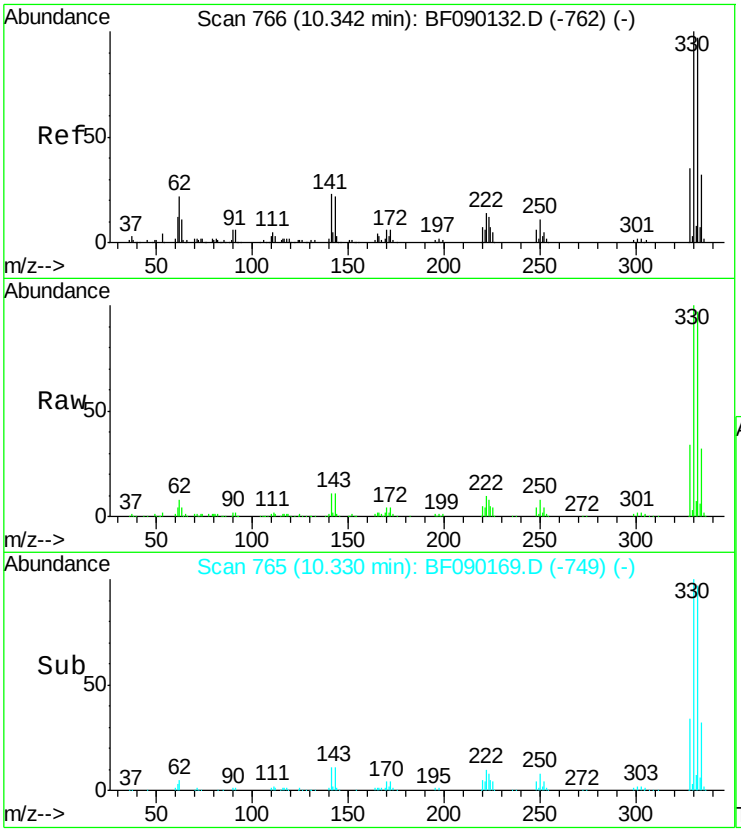




#40
Hexachlorocyclopentadiene
Concen: 74.48 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:237 Resp: 257959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.6 | 42.5 | 82.5 |
| 272 | 12.6 | 0.0 | 32.0 |



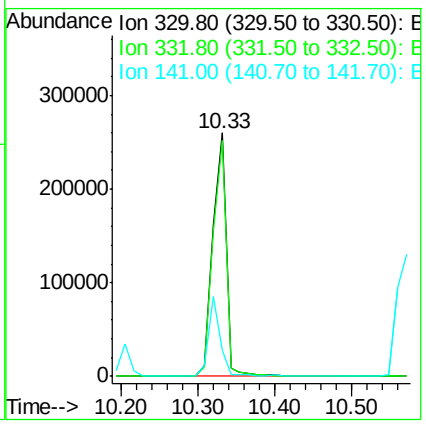


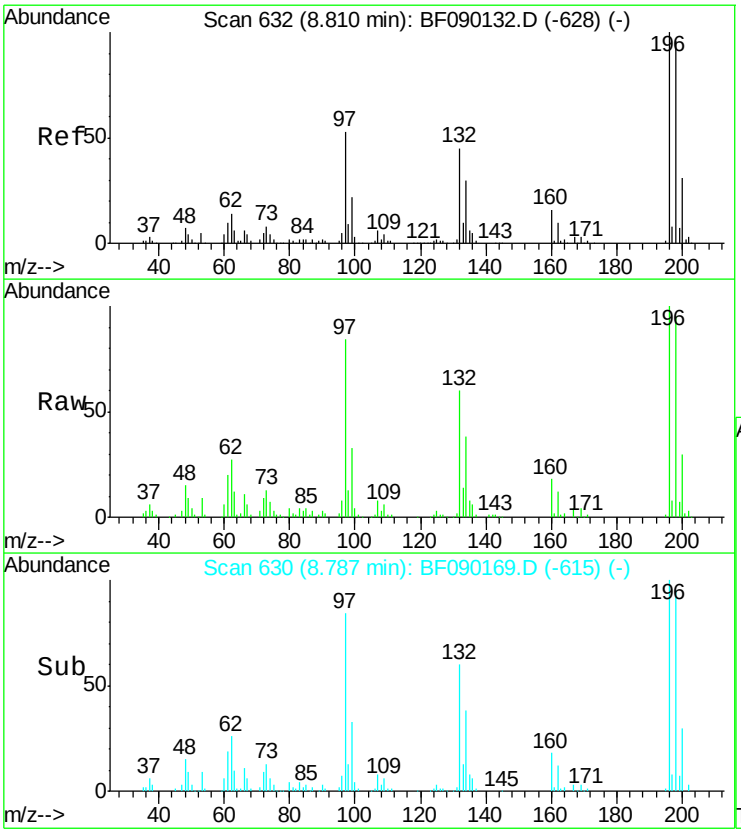

#41
2,4,6-Tribromophenol
Concen: 119.52 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:330 Resp: 313552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 78.1 | 117.1 |
| 141 | 28.7 | 23.9 | 35.9 |

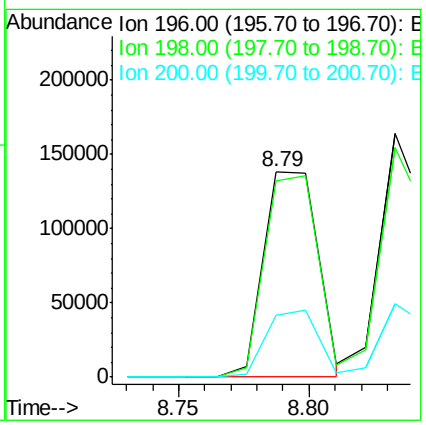


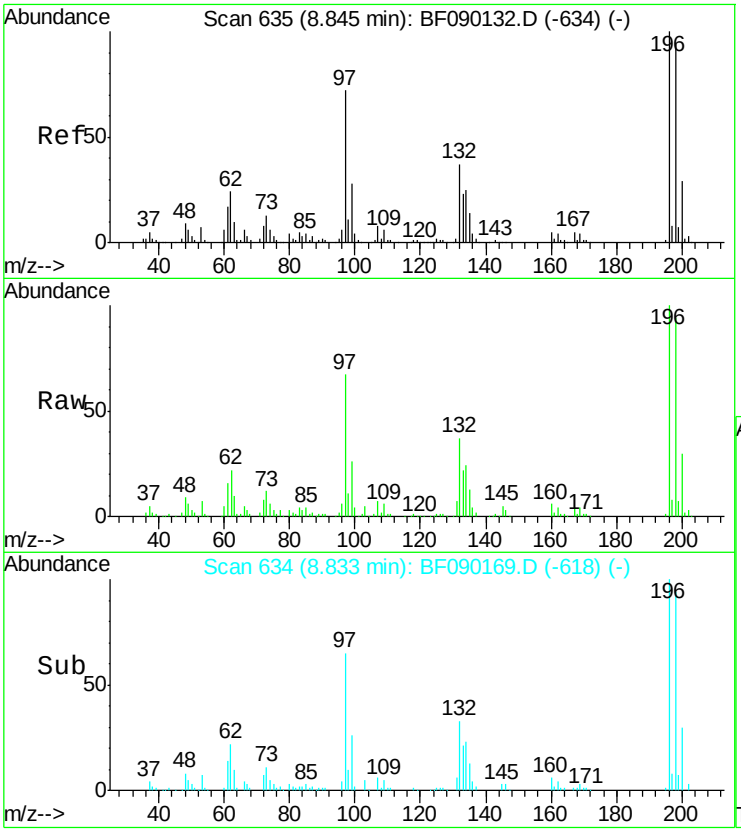




#42
2,4,6-Trichlorophenol
Concen: 39.93 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:196 Resp: 199732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 76.3 | 114.5 |
| 200 | 30.1 | 24.1 | 36.1 |



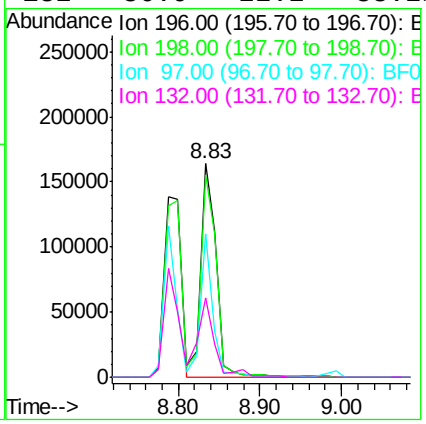


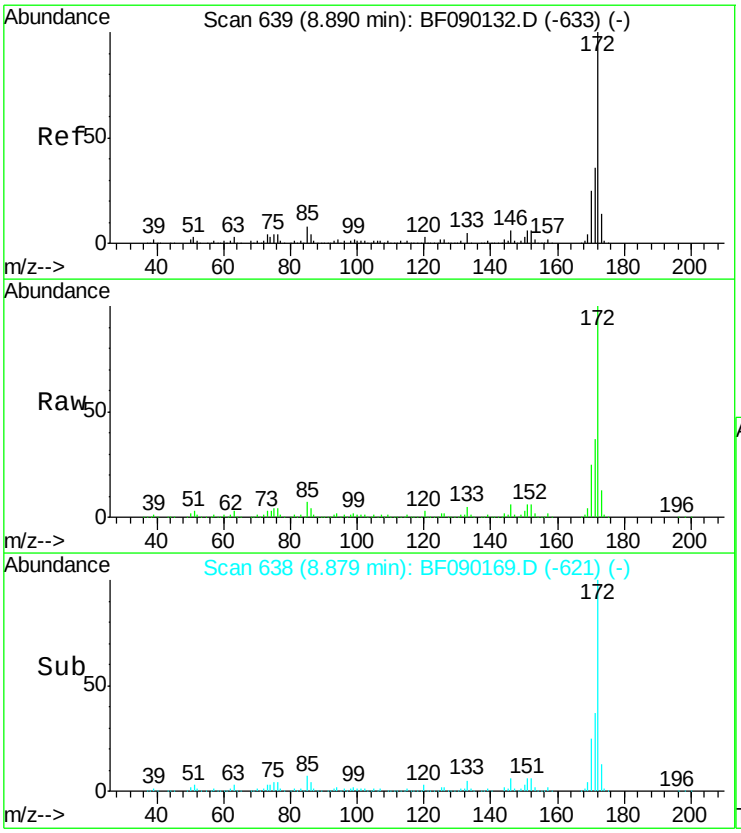

#43
2,4,5-Trichlorophenol
Concen: 42.02 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:196 Resp: 217604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 76.6 | 114.8 |
| 97 | 67.3 | 34.4 | 51.6# |
| 132 | 36.9 | 22.2 | 33.2# |

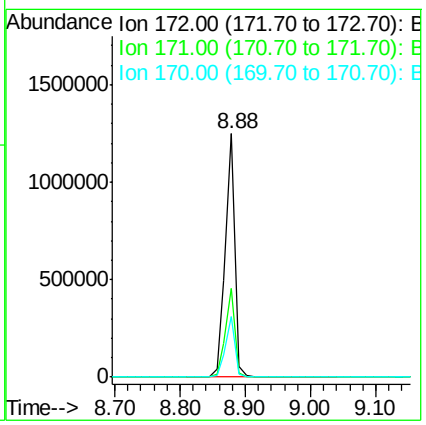


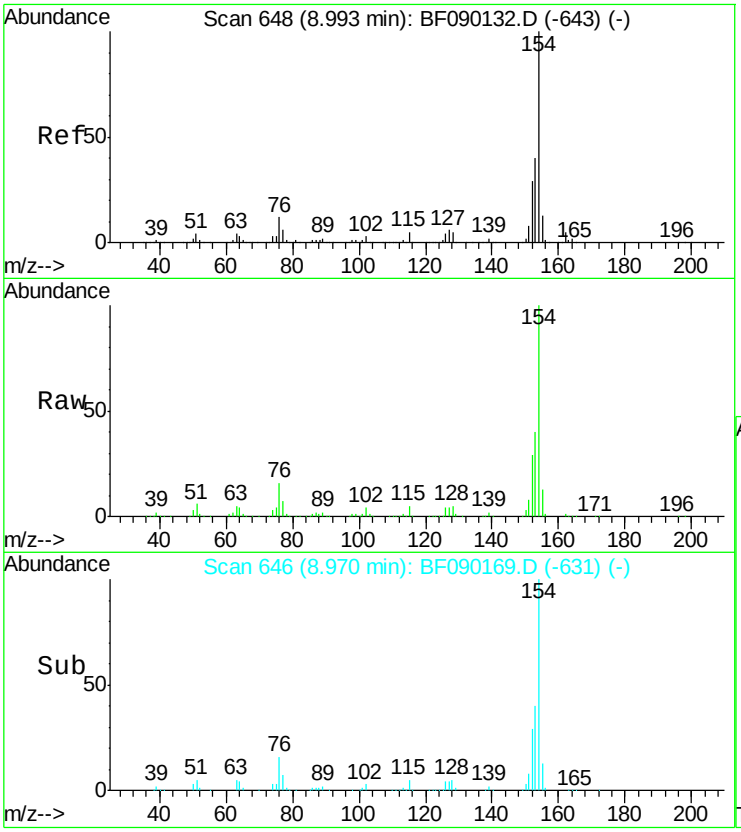




#44
2-Fluorobiphenyl
Concen: 82.31 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:172 Resp: 1282105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.2 | 43.8 |
| 170 | 24.8 | 19.8 | 29.8 |



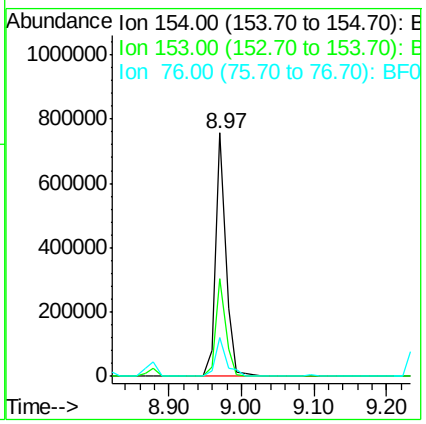


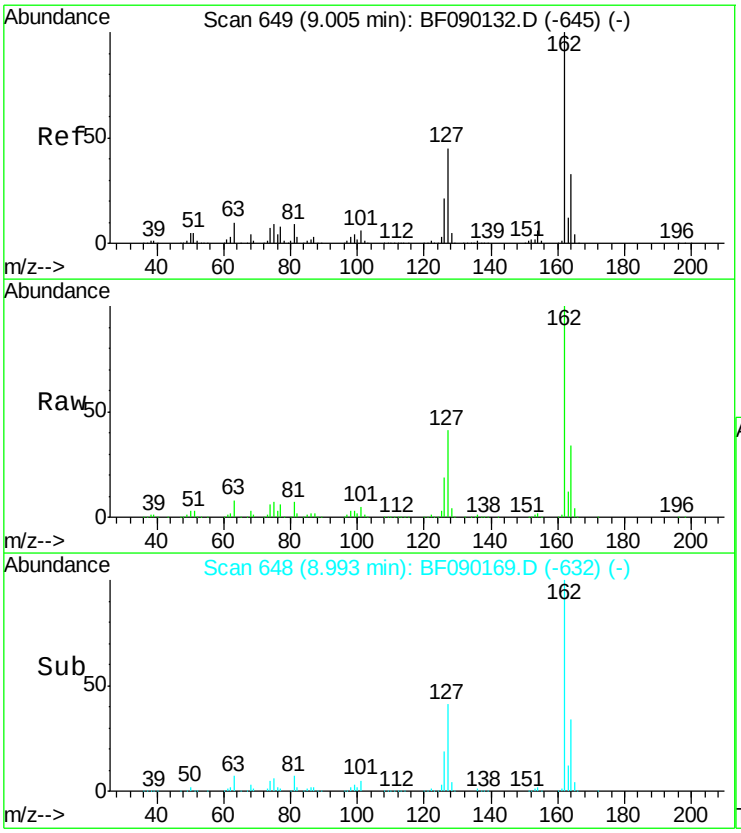

#45
1,1'-Biphenyl
Concen: 34.07 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:154 Resp: 745386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.6 | 60.6 |
| 76 | 16.1 | 0.0 | 36.7 |

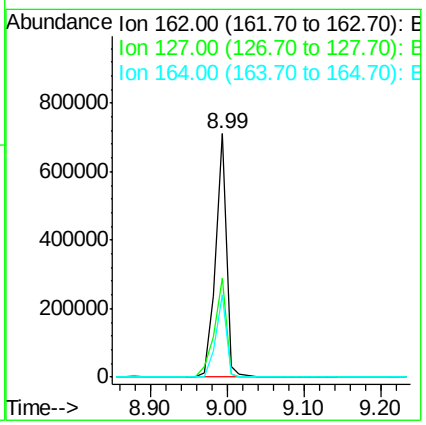


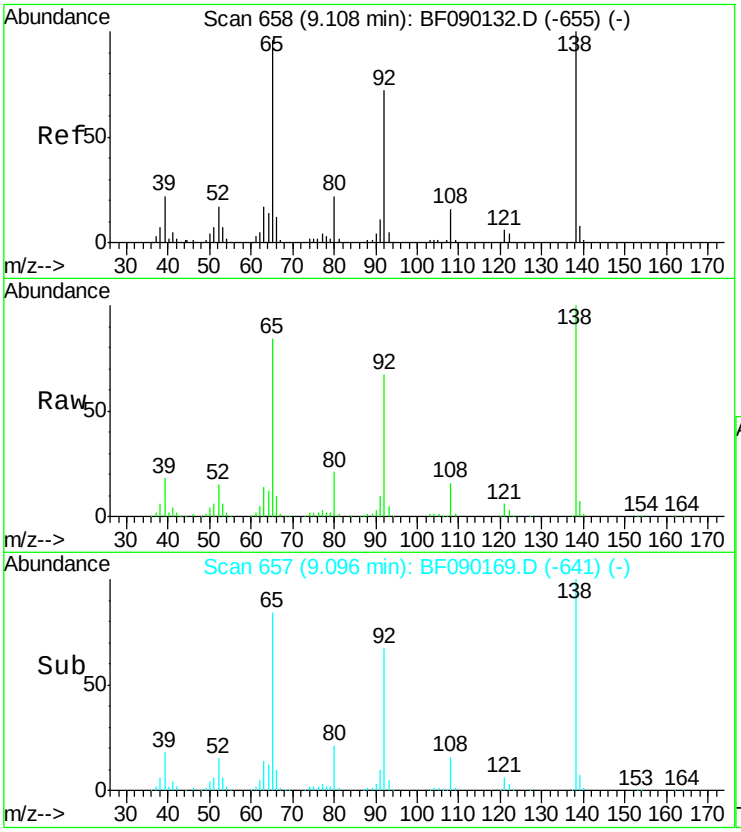




#46
2-Chloronaphthalene
Concen: 42.98 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:162 Resp: 693685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.9 | 34.0 | 51.0 |
| 164 | 34.1 | 26.8 | 40.2 |



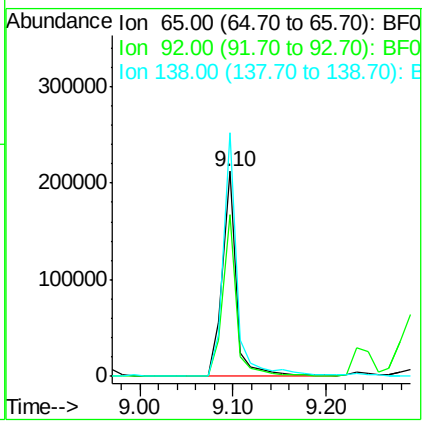


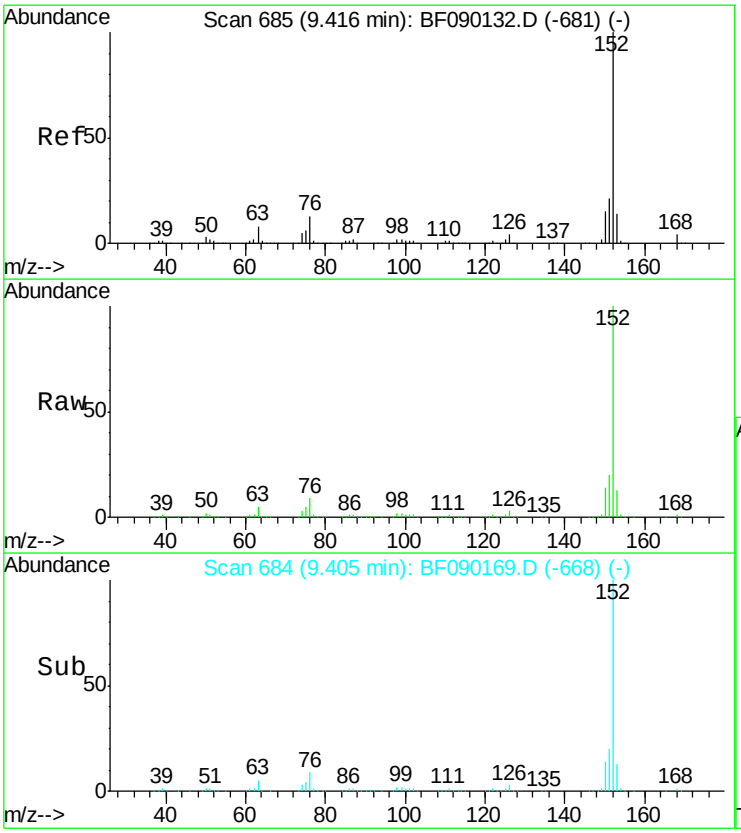

#47
2-Nitroaniline
Concen: 45.70 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion: 65 Resp: 222383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 79.1 | 66.1 | 99.1 |
| 138 | 118.8 | 104.1 | 156.1 |

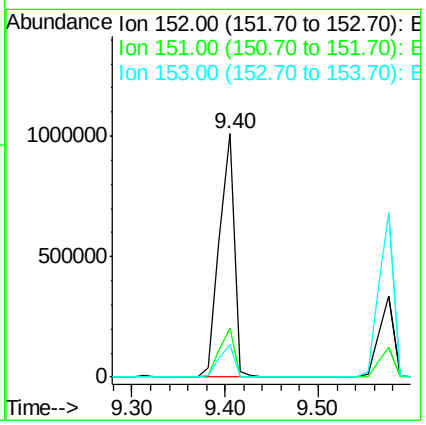


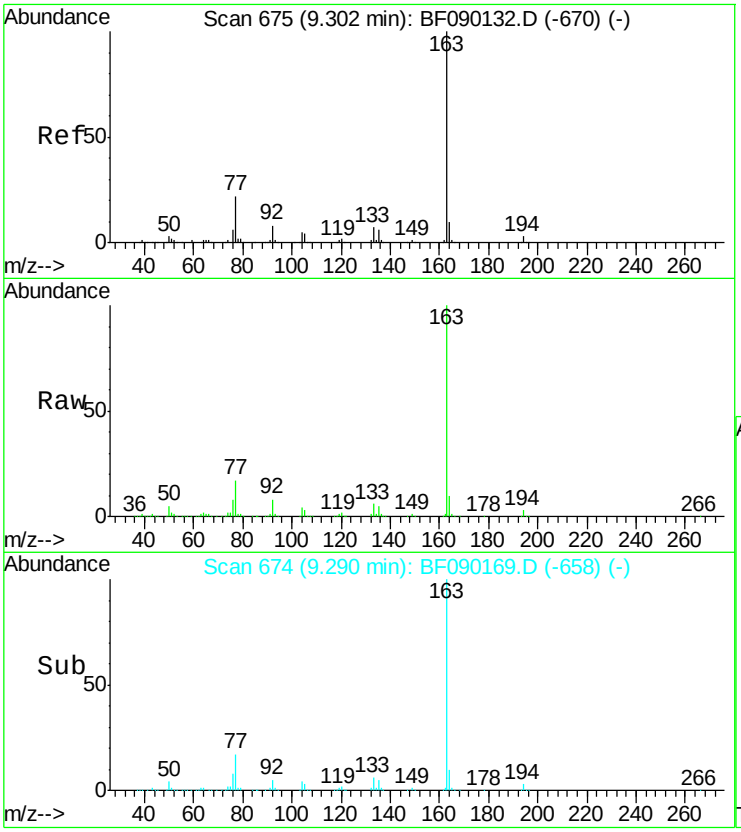




#48
Acenaphthylene
Concen: 43.00 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:152 Resp: 1127148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.5 | 24.7 |
| 153 | 13.2 | 10.6 | 15.8 |



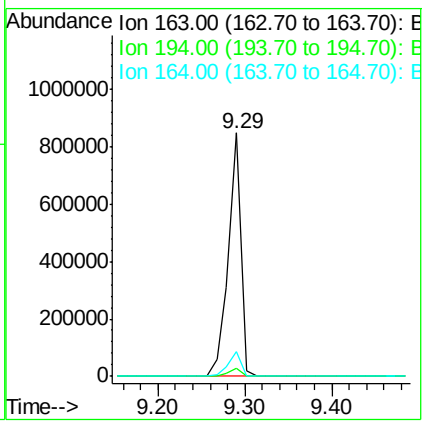


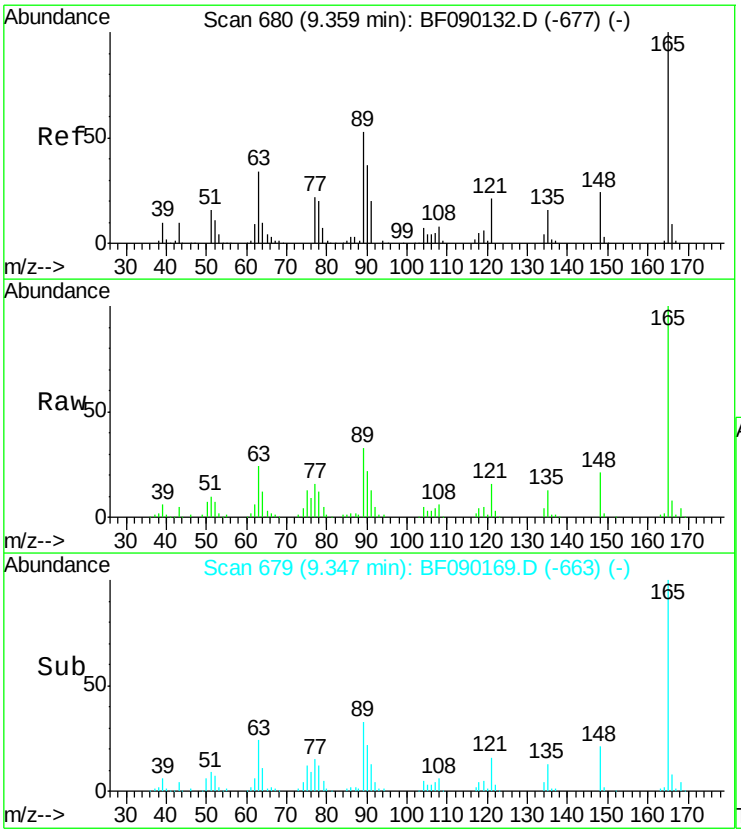

#49
Dimethylphthalate
Concen: 43.95 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:163 Resp: 856091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.8 | 4.2 |
| 164 | 10.1 | 8.1 | 12.1 |

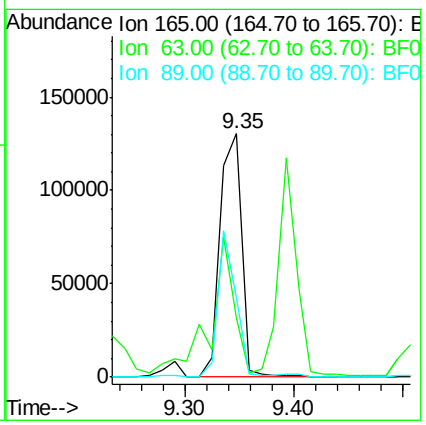


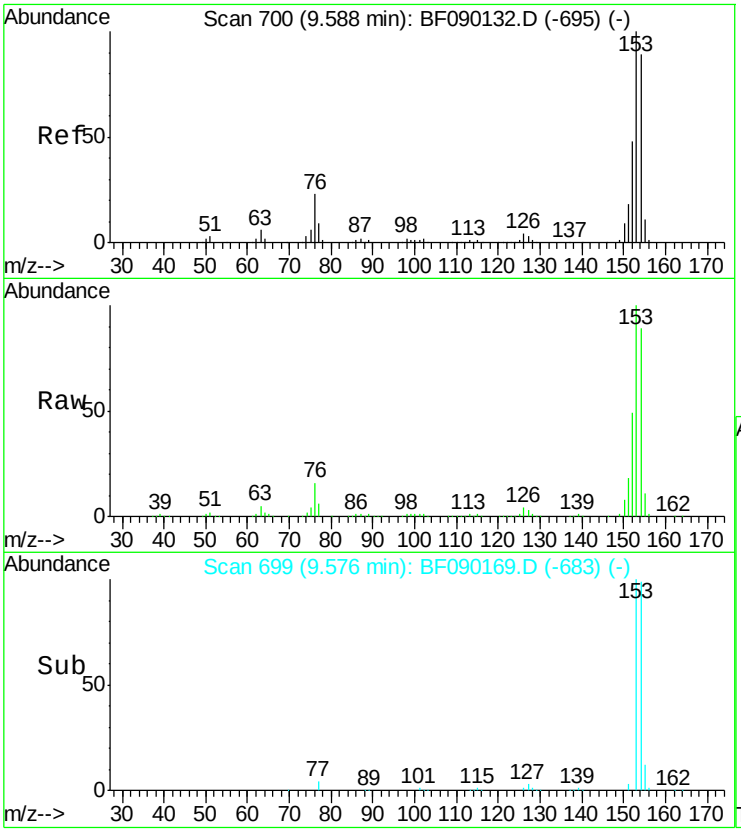




#50
2,6-Dinitrotoluene
Concen: 41.39 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:165 Resp: 179662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 24.4 | 49.9 | 74.9# |
| 89 | 33.0 | 51.0 | 76.4# |



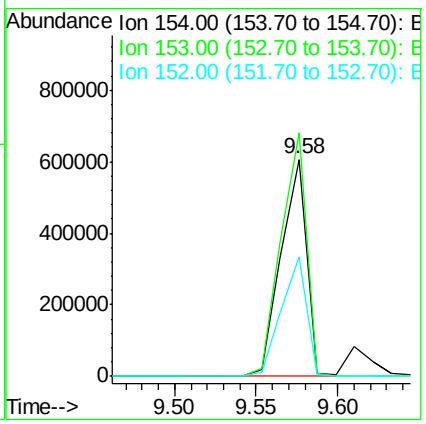


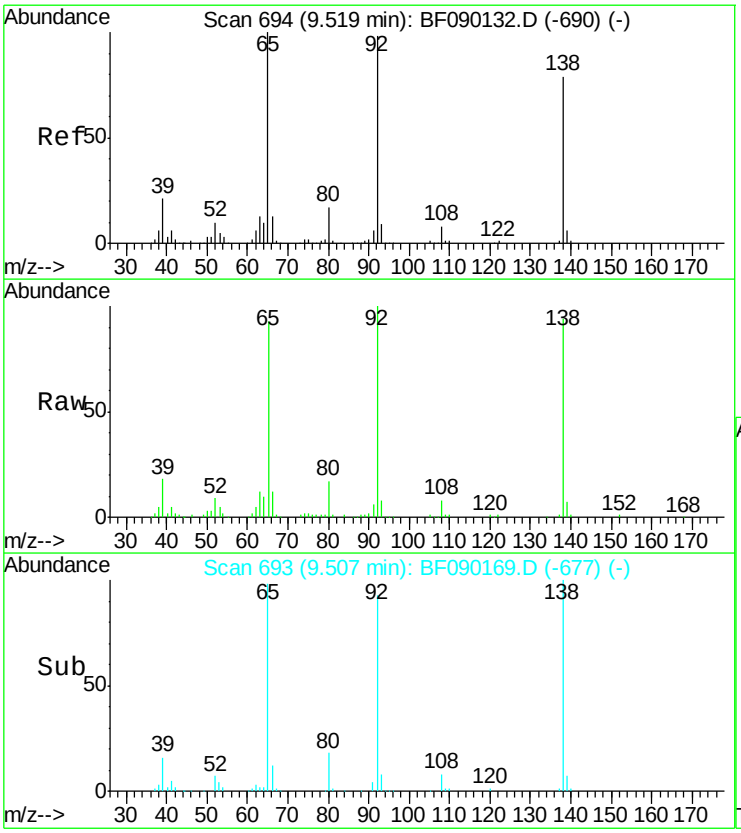

#51
Acenaphthene
Concen: 42.77 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:154 Resp: 665360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.3 | 90.8 | 136.2 |
| 152 | 55.1 | 44.2 | 66.4 |

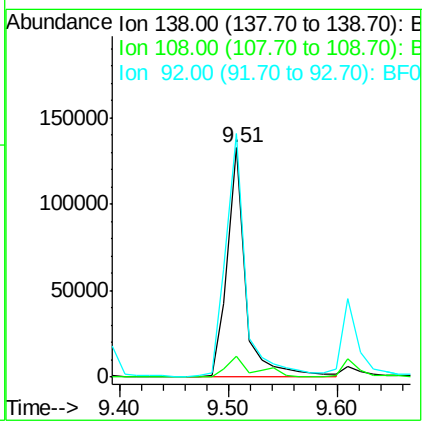


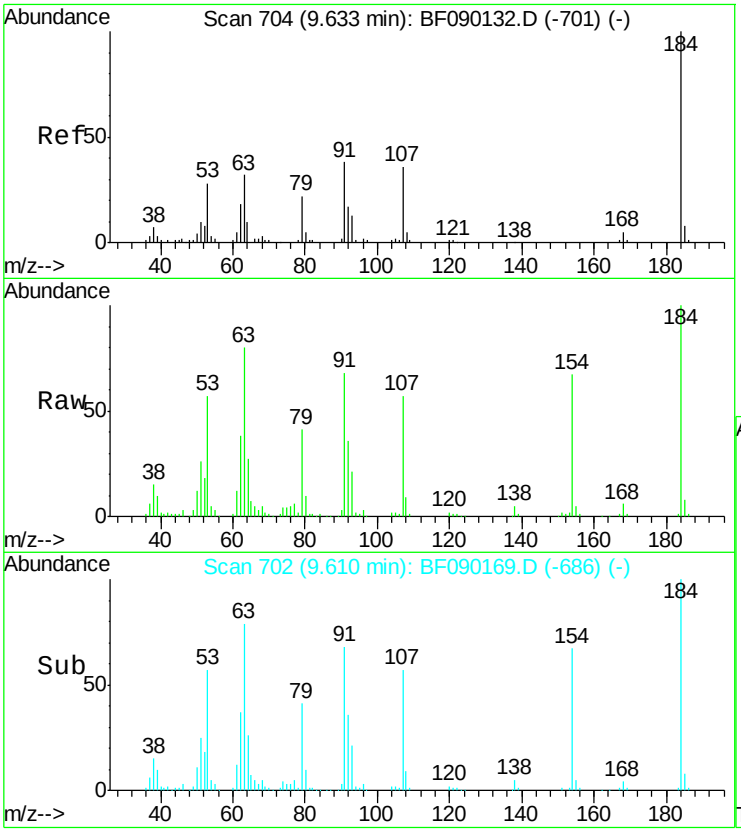




#52
3-Nitroaniline
Concen: 30.67 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:138 Resp: 156113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.9 | 7.8 | 11.6 |
| 92 | 106.3 | 90.7 | 136.1 |



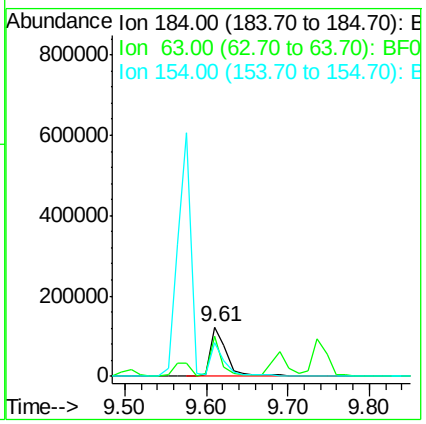


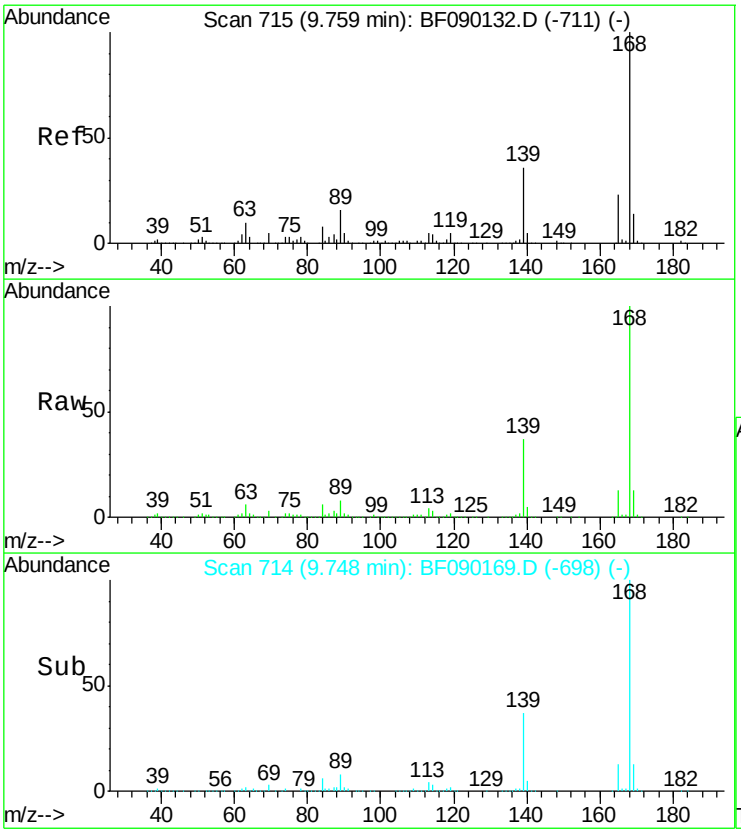

#53
2,4-Dinitrophenol
Concen: 70.01 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:184 Resp: 169014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 80.5 | 44.6 | 67.0# |
| 154 | 67.2 | 49.7 | 74.5 |

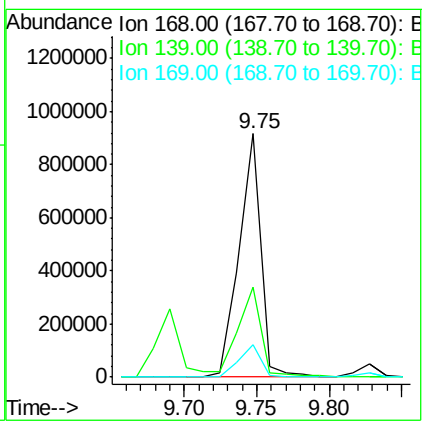


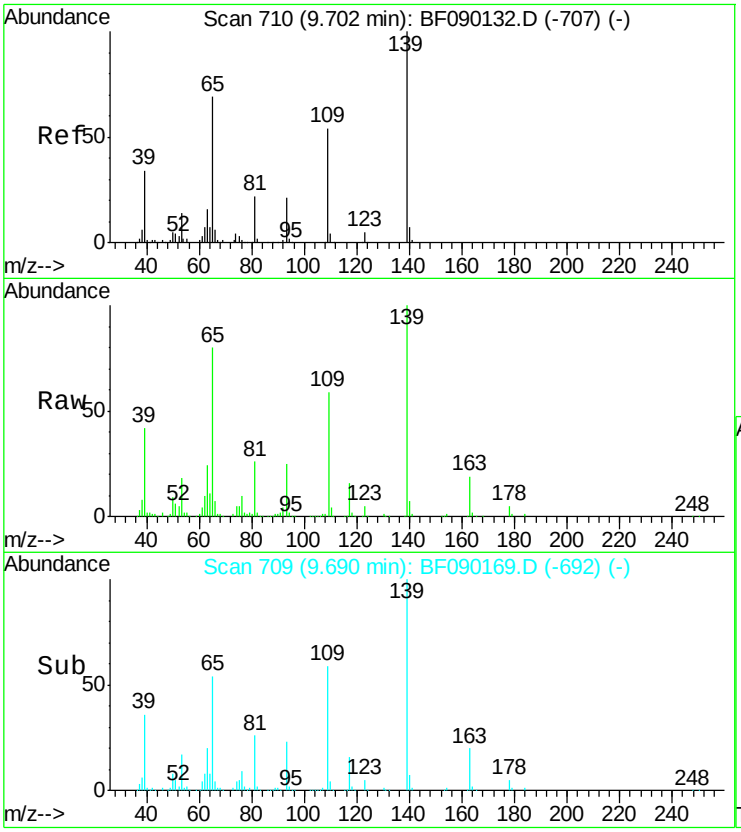




#54
Dibenzofuran
Concen: 46.74 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:168 Resp: 956917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 28.8 | 43.2 |
| 169 | 13.3 | 10.7 | 16.1 |



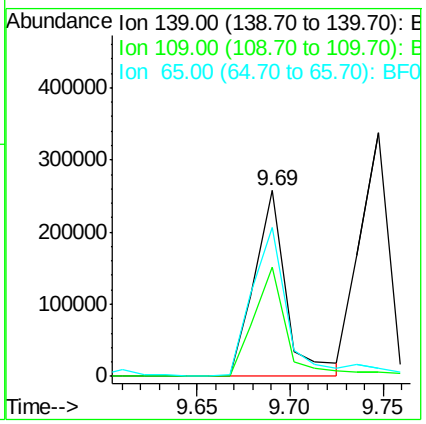


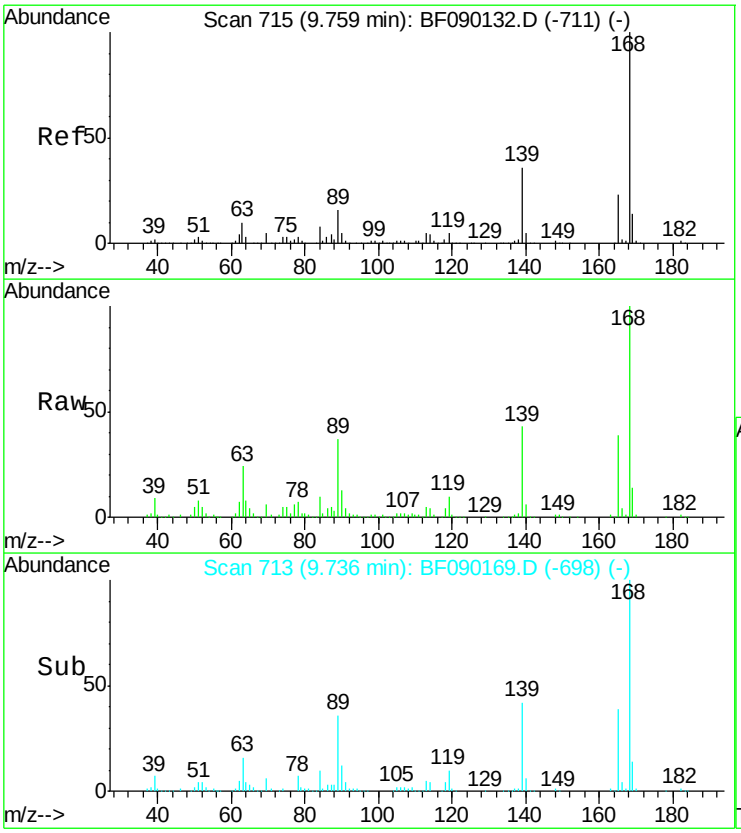

#55
4-Nitrophenol
Concen: 86.85 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:139 Resp: 302806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 58.7 | 35.6 | 75.6 |
| 65 | 80.2 | 55.5 | 95.5 |

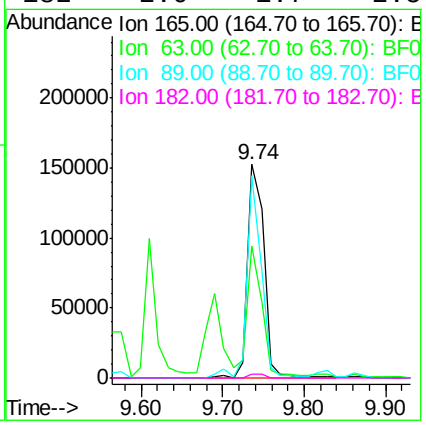


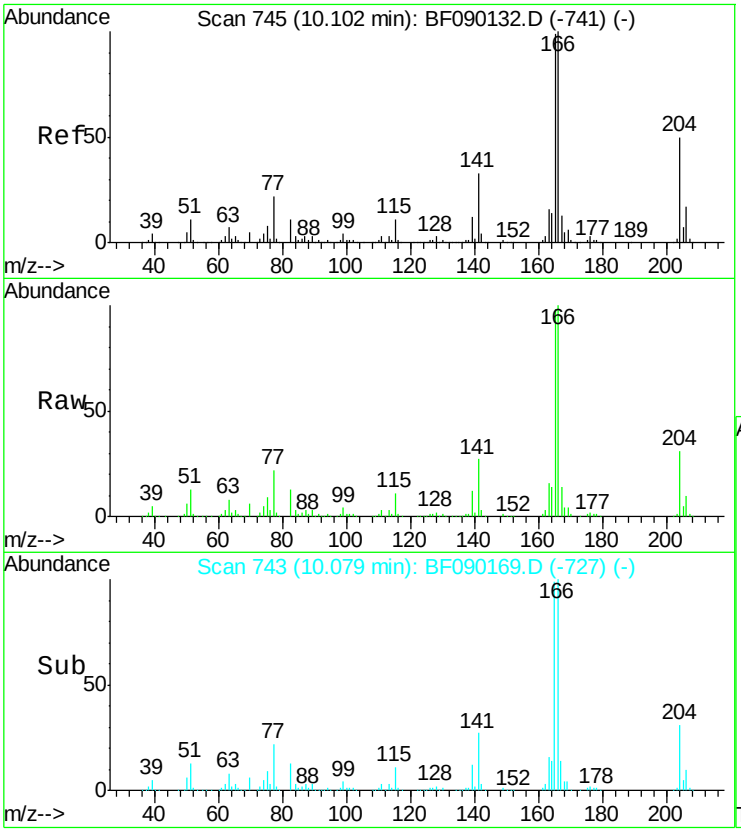




#56
2,4-Dinitrotoluene
Concen: 41.06 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:165 Resp: 210768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.5 | 44.4 | 66.6 |
| 89 | 94.8 | 70.1 | 105.1 |
| 182 | 2.0 | 1.7 | 2.5 |



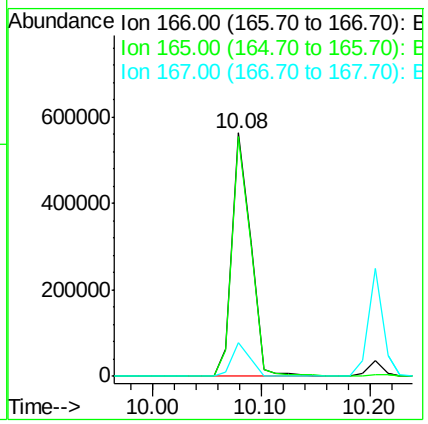


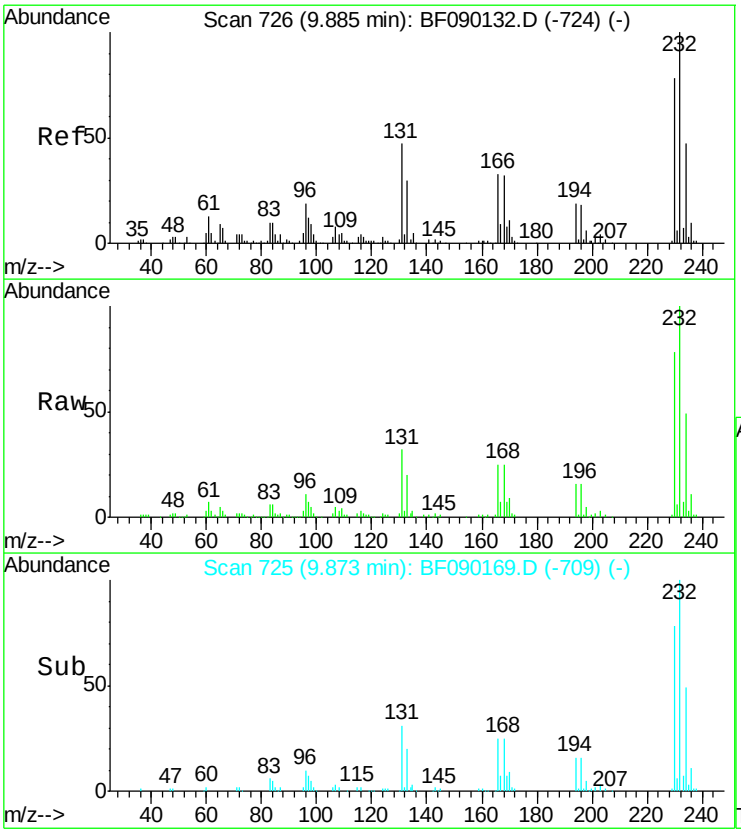

#57
Fluorene
Concen: 43.23 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:166 Resp: 667026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 78.5 | 117.7 |
| 167 | 13.9 | 11.2 | 16.8 |

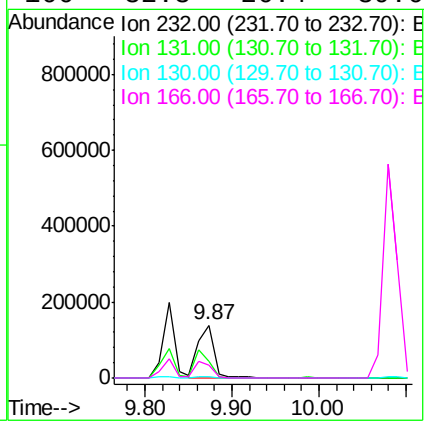


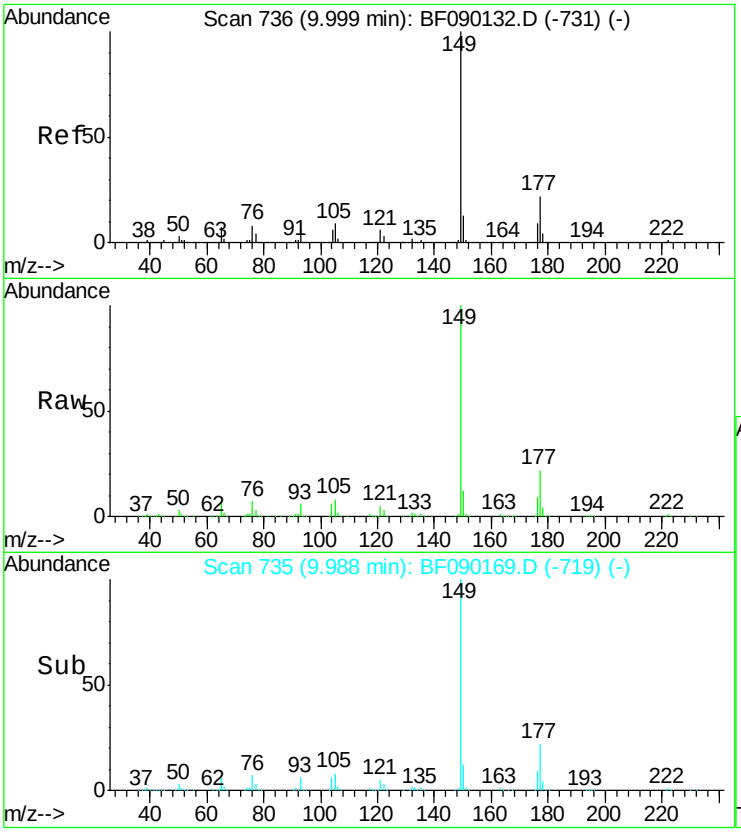




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.53 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:232 Resp: 176525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.5 | 42.2 | 63.4 |
| 130 | 2.2 | 1.9 | 2.9 |
| 166 | 32.3 | 26.4 | 39.6 |



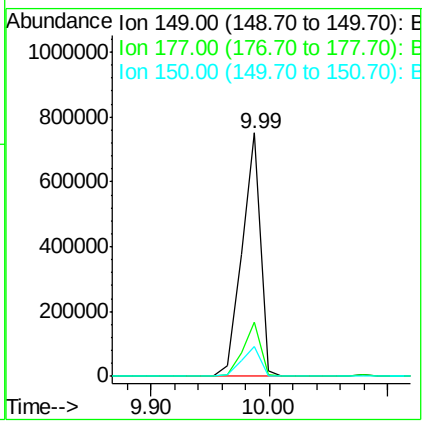


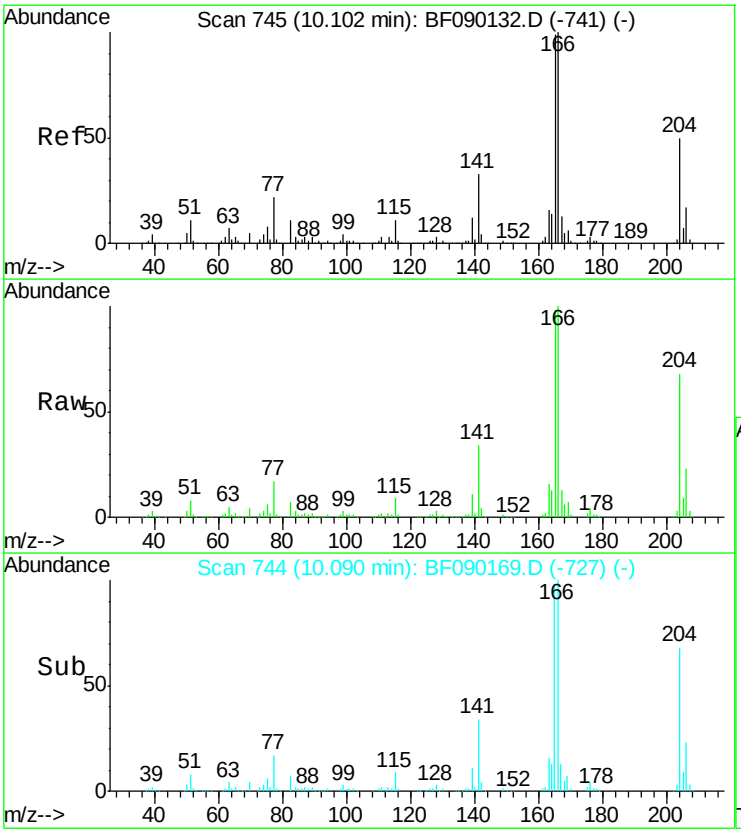

#59
Diethylphthalate
Concen: 43.24 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:149 Resp: 813261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 15.8 | 23.6 |
| 150 | 12.5 | 10.4 | 15.6 |

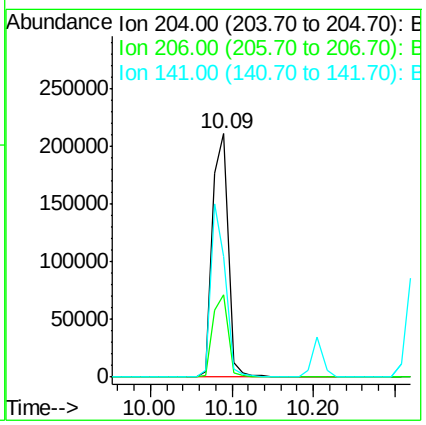


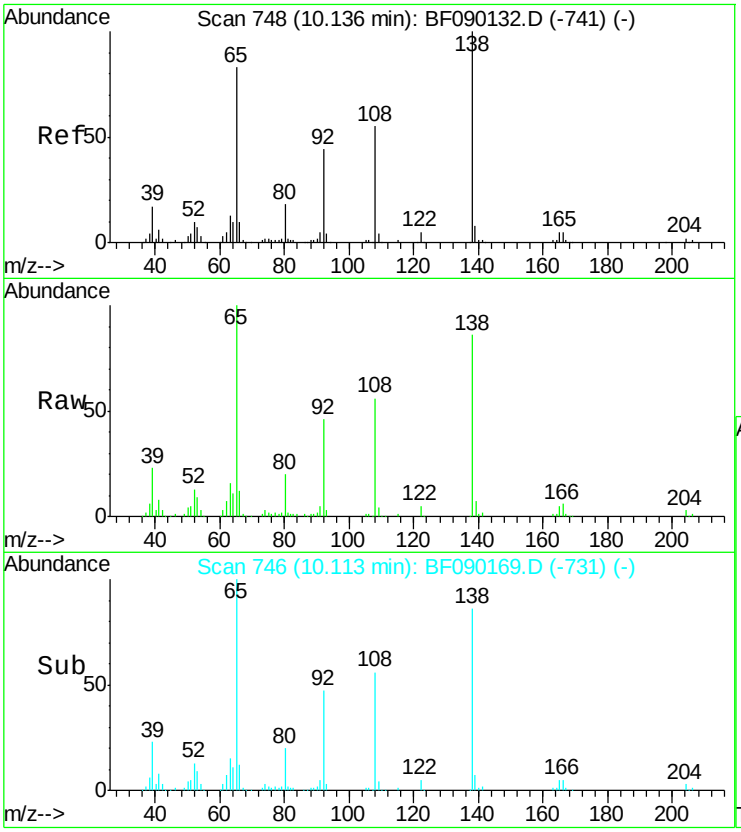




#60
4-Chlorophenyl-phenylether
Concen: 40.38 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:204 Resp: 284125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.1 | 25.6 | 38.4 |
| 141 | 49.4 | 64.4 | 96.6# |



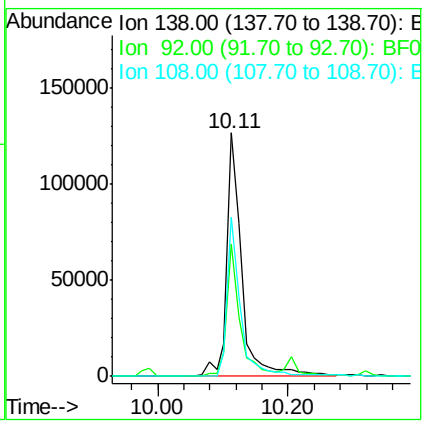


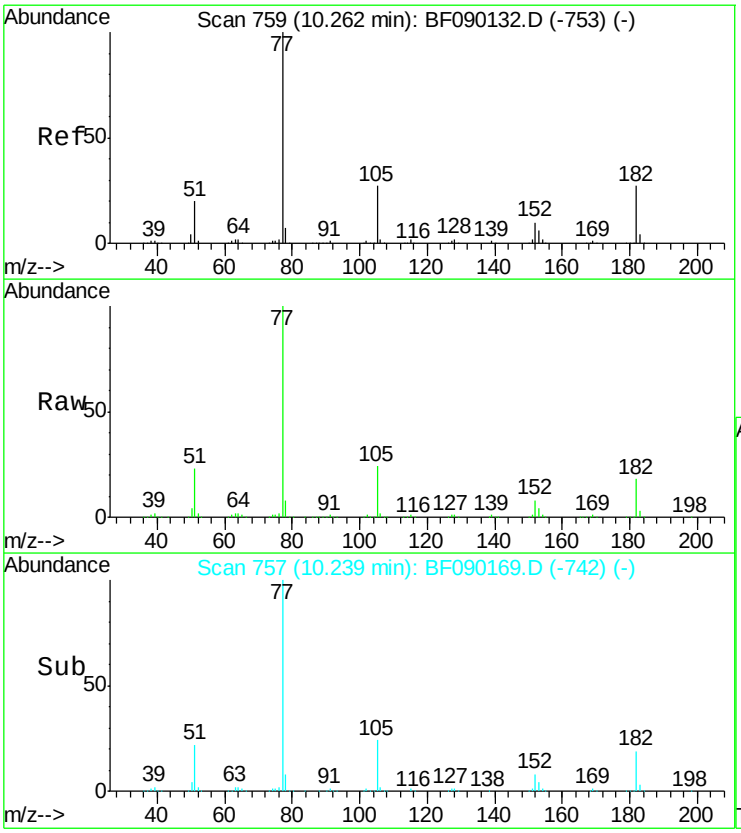

#61
4-Nitroaniline
Concen: 38.62 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:138 Resp: 200327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.2 | 23.8 | 63.8 |
| 108 | 65.2 | 35.0 | 75.0 |

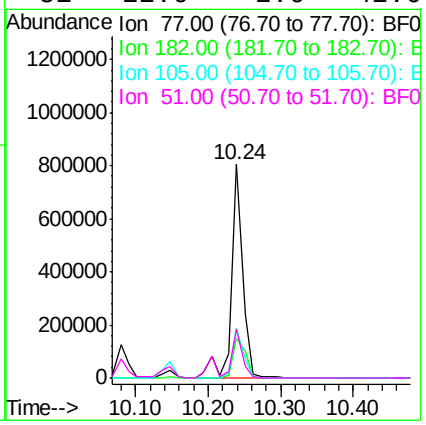


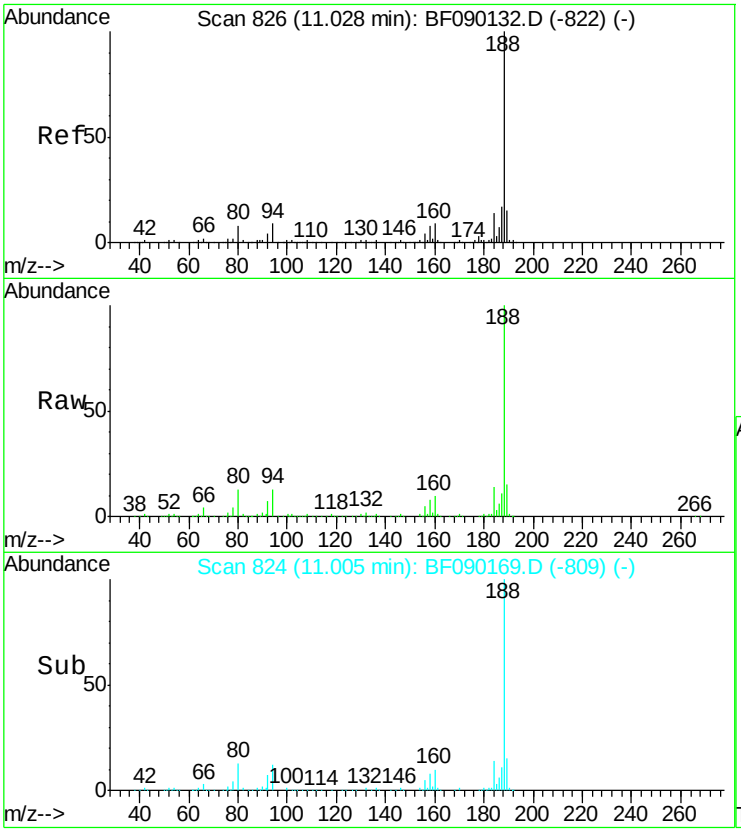




#62
Azobenzene
Concen: 44.49 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion: 77 Resp: 871034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 18.5 | 0.0 | 38.4 |
| 105 | 23.6 | 3.8 | 43.8 |
| 51 | 22.6 | 2.6 | 42.6 |



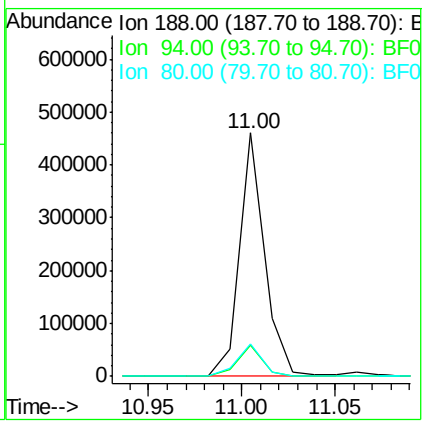


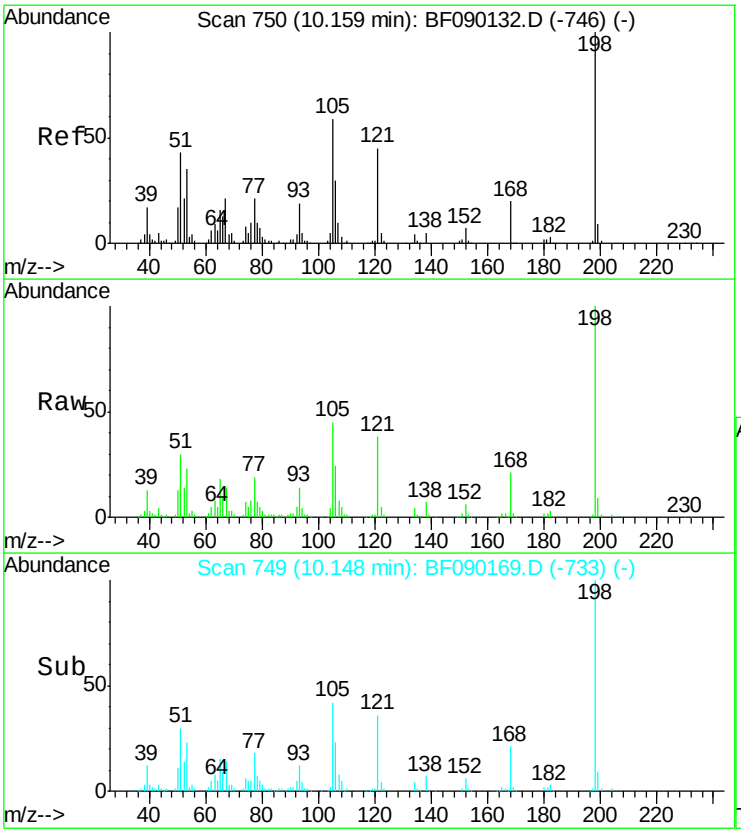

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:188 Resp: 435898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.5 | 10.5 | 15.7 |
| 80 | 13.2 | 11.2 | 16.8 |

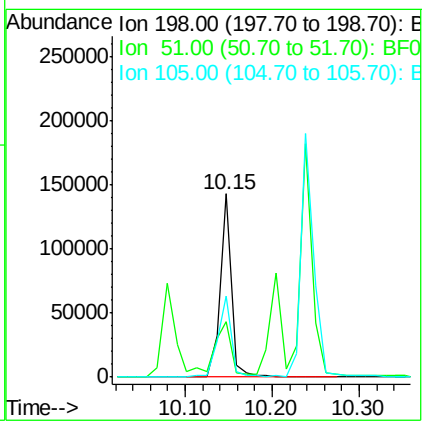


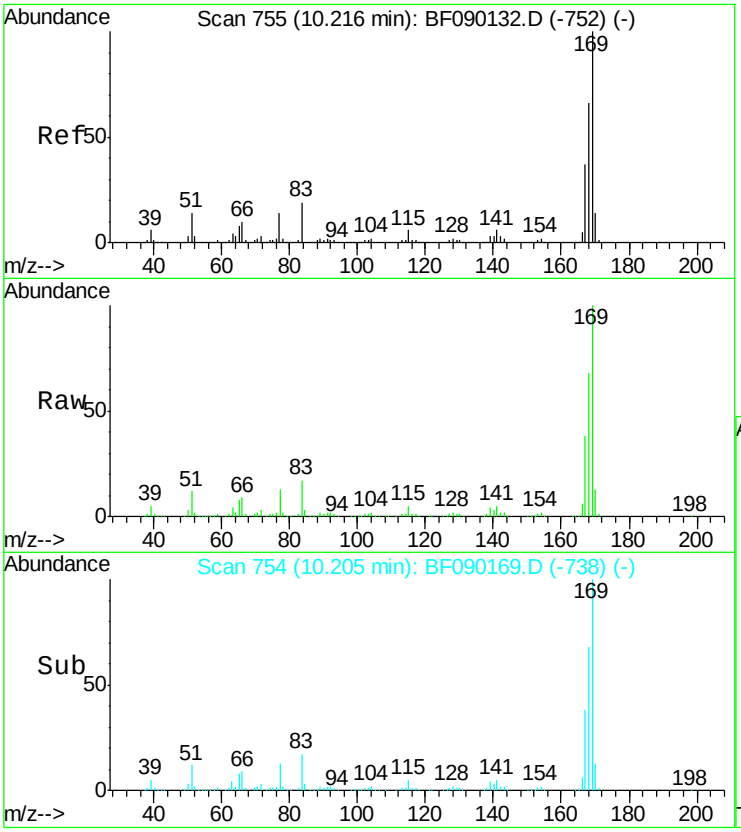




#64
4,6-Dinitro-2-methylphenol
Concen: 48.76 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:198 Resp: 133119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 30.4 | 5.5 | 45.5 |
| 105 | 44.5 | 21.8 | 61.8 |



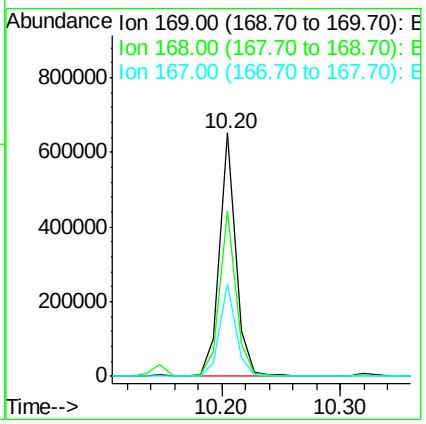


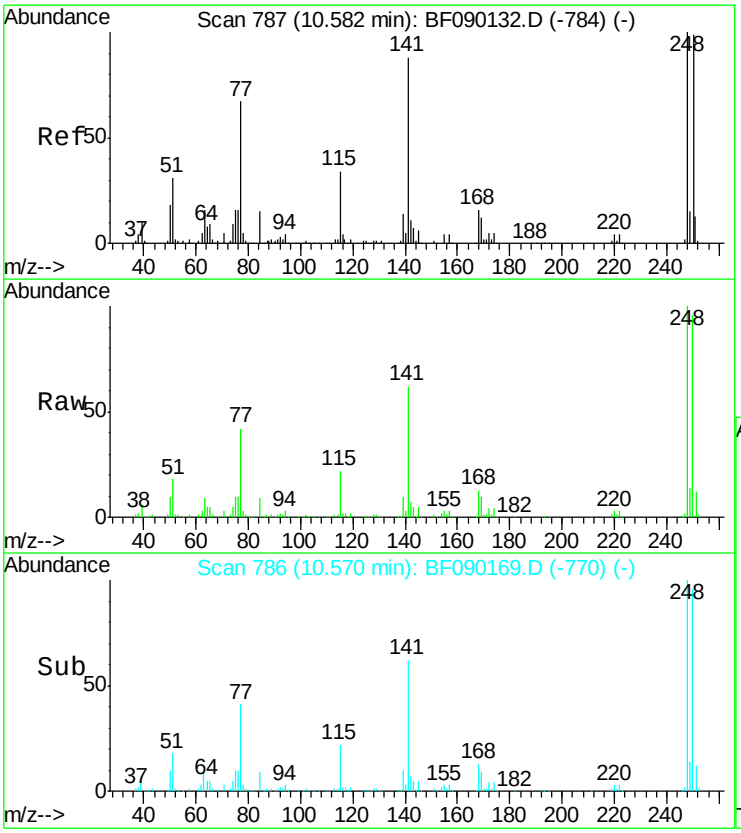

#65
n-Nitrosodiphenylamine
Concen: 43.48 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:169 Resp: 623180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.9 | 54.2 | 81.4 |
| 167 | 38.1 | 30.3 | 45.5 |

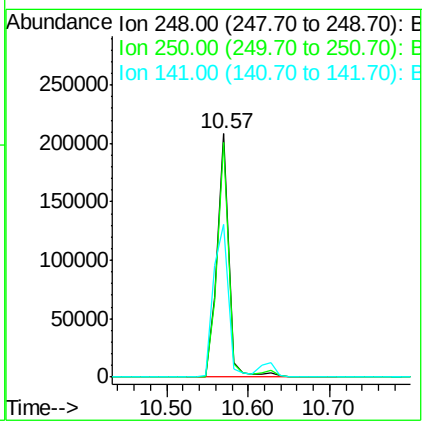


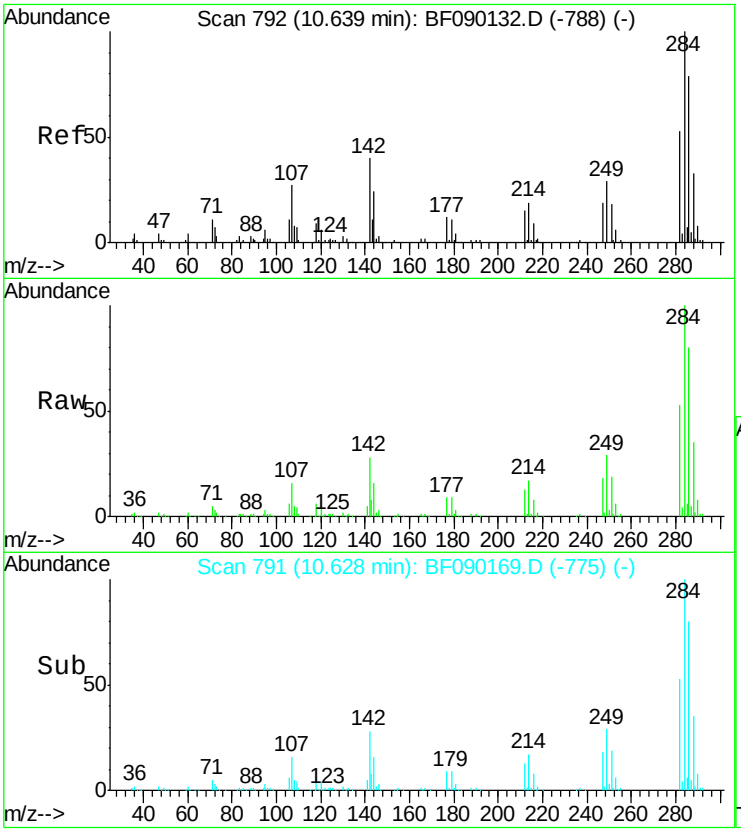




#66
4-Bromophenyl-phenylether
Concen: 49.15 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:248 Resp: 210841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 79.4 | 119.2 |
| 141 | 62.5 | 49.3 | 73.9 |



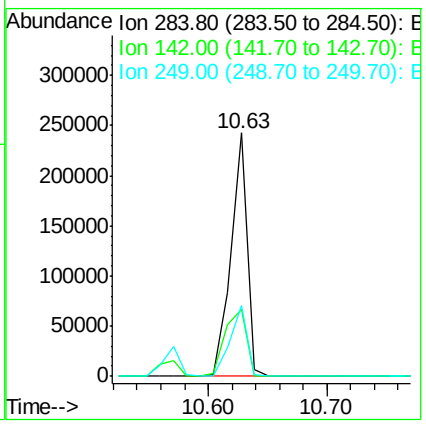


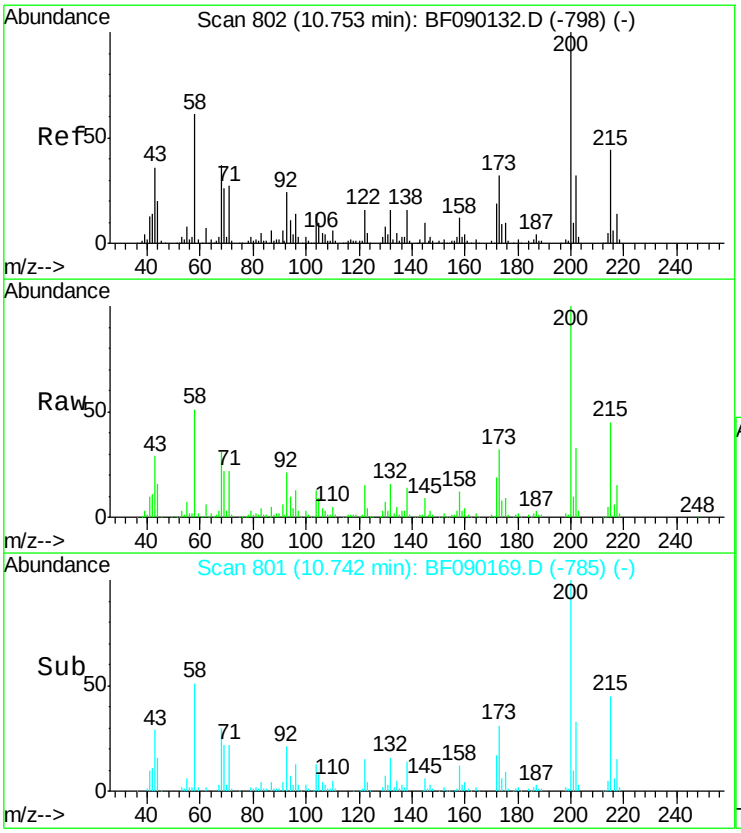

#67
Hexachlorobenzene
Concen: 46.33 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:284 Resp: 231595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.7 | 24.0 | 36.0 |
| 249 | 29.0 | 23.8 | 35.6 |

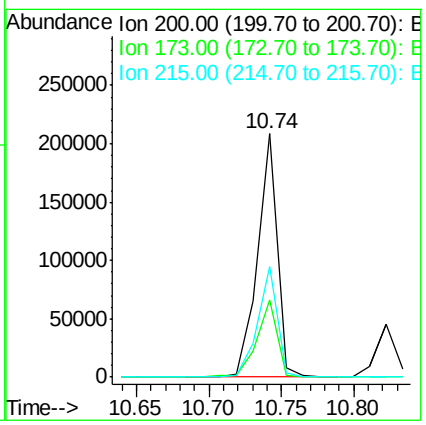


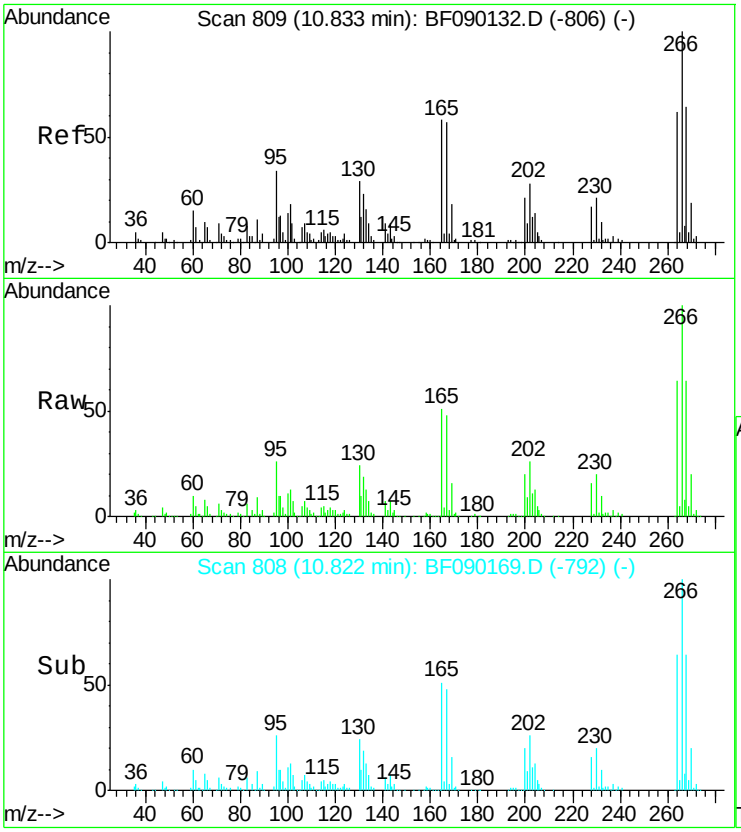




#68
Atrazine
Concen: 50.26 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:200 Resp: 197432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 31.7 | 9.3 | 49.3 |
| 215 | 45.2 | 26.1 | 66.1 |



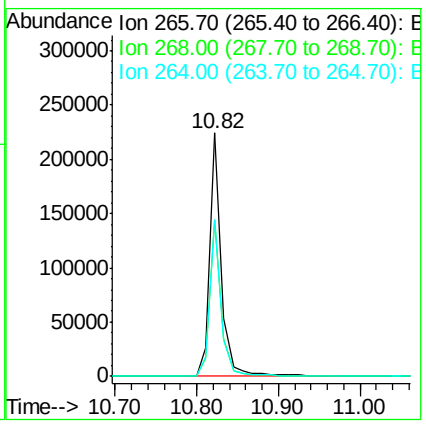


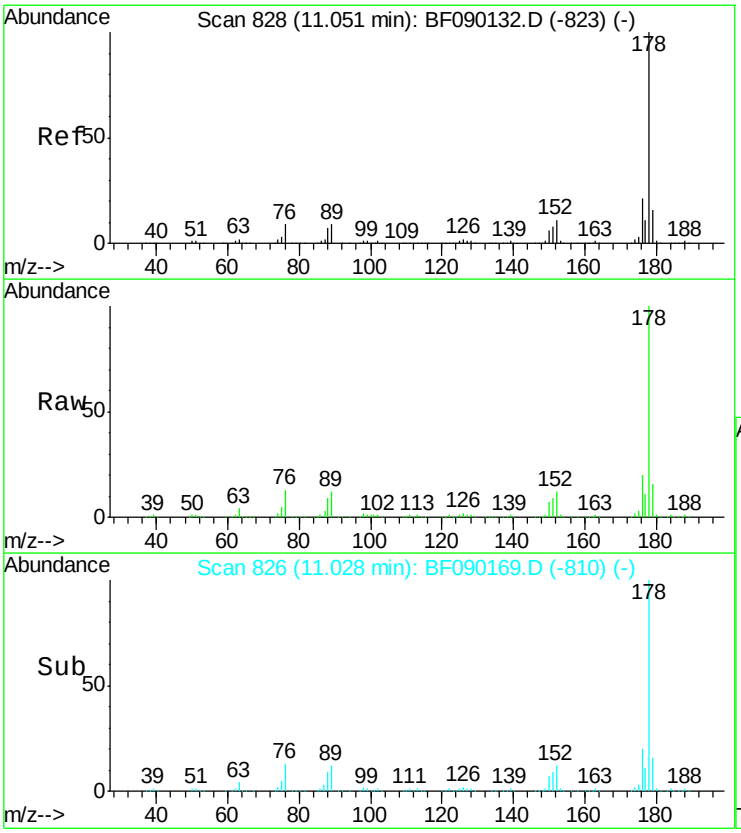

#69
Pentachlorophenol
Concen: 80.20 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:266 Resp: 227577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 52.1 | 78.1 |
| 264 | 64.3 | 50.3 | 75.5 |

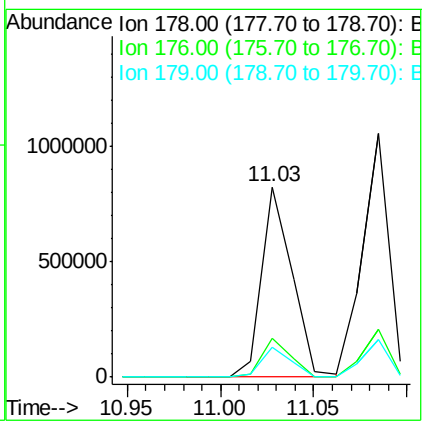


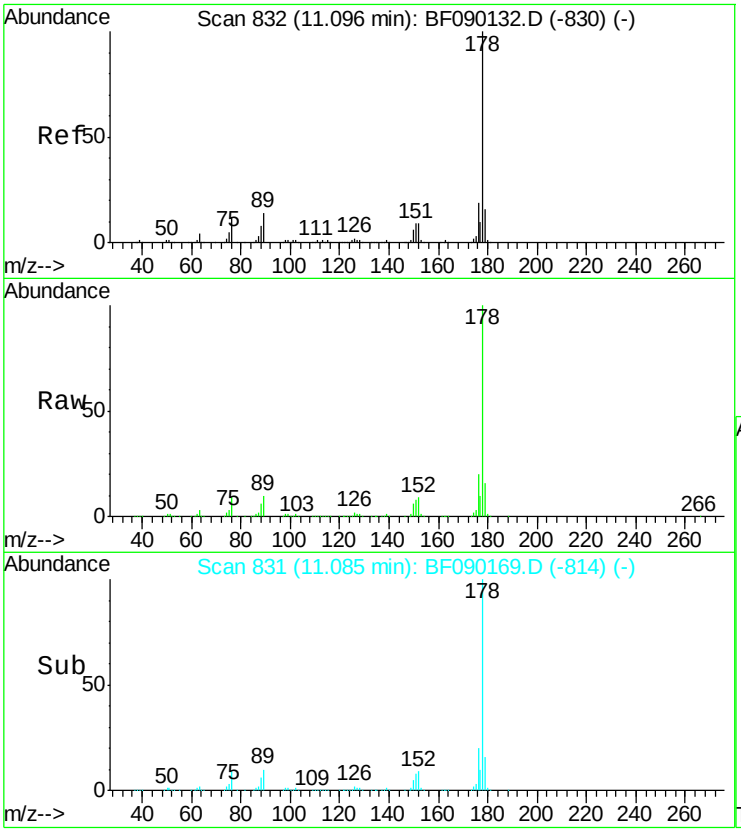




#70
Phenanthrene
Concen: 45.62 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:178 Resp: 929951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 15.9 | 23.9 |
| 179 | 15.9 | 12.9 | 19.3 |



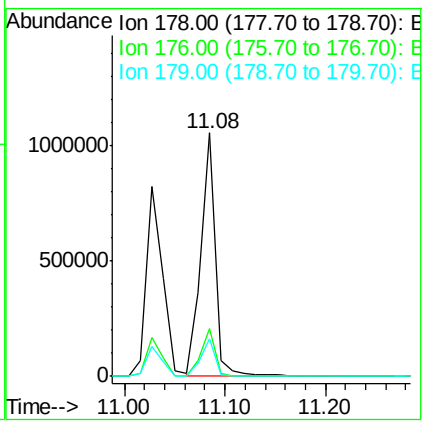


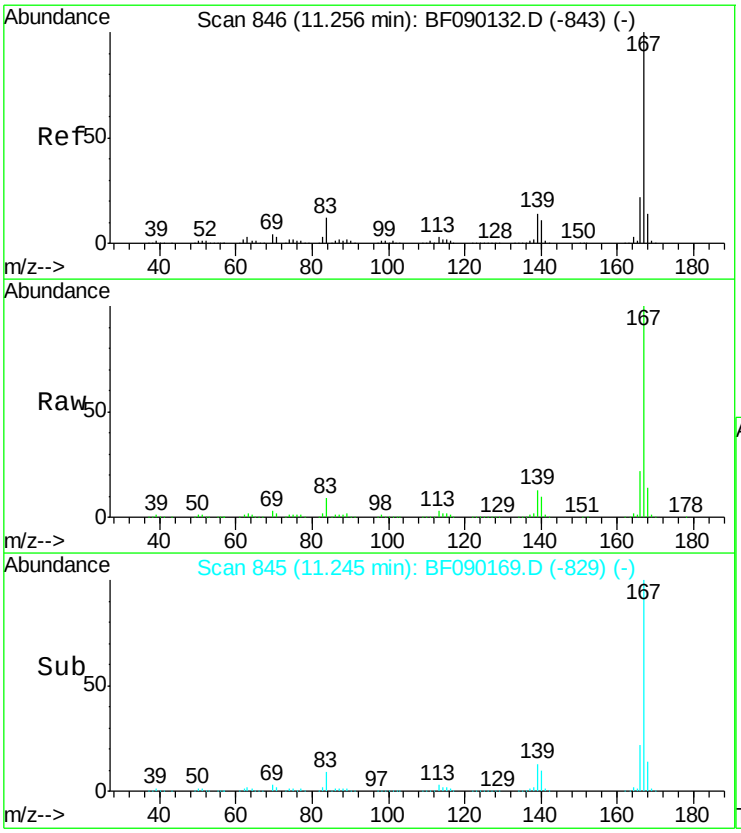

#71
Anthracene
Concen: 49.51 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:178 Resp: 1058491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.6 |
| 179 | 15.6 | 12.6 | 19.0 |

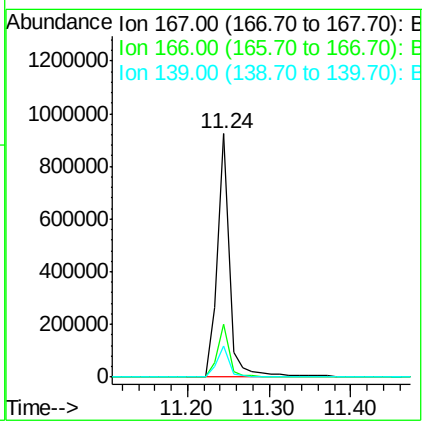


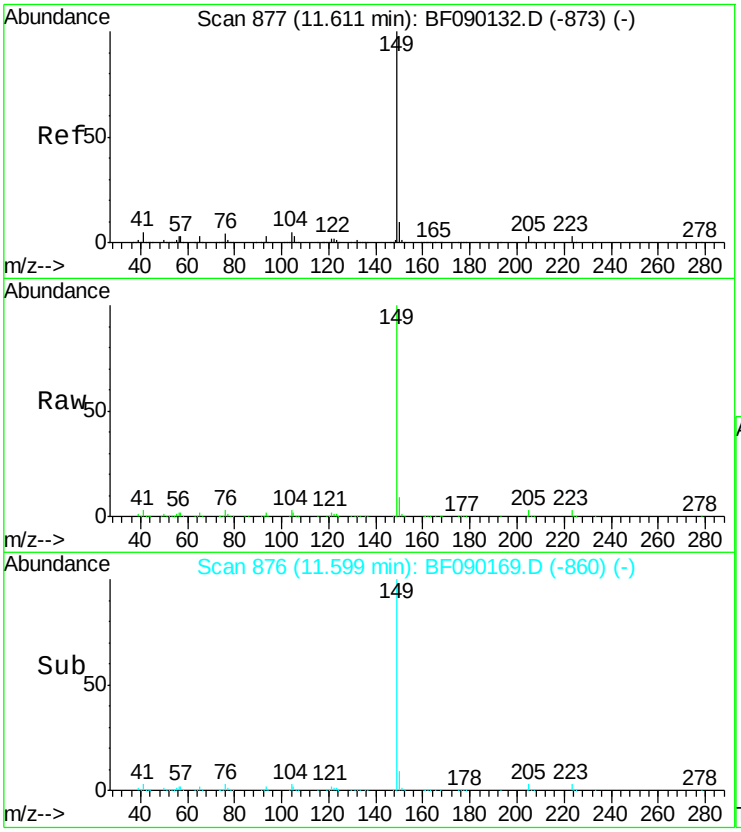




#72
Carbazole
Concen: 42.58 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:167 Resp: 962552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.0 | 27.0 |
| 139 | 13.0 | 10.4 | 15.6 |



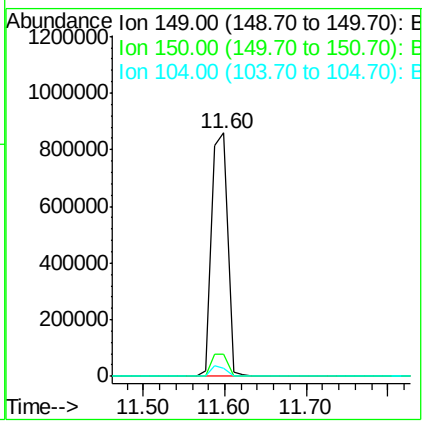


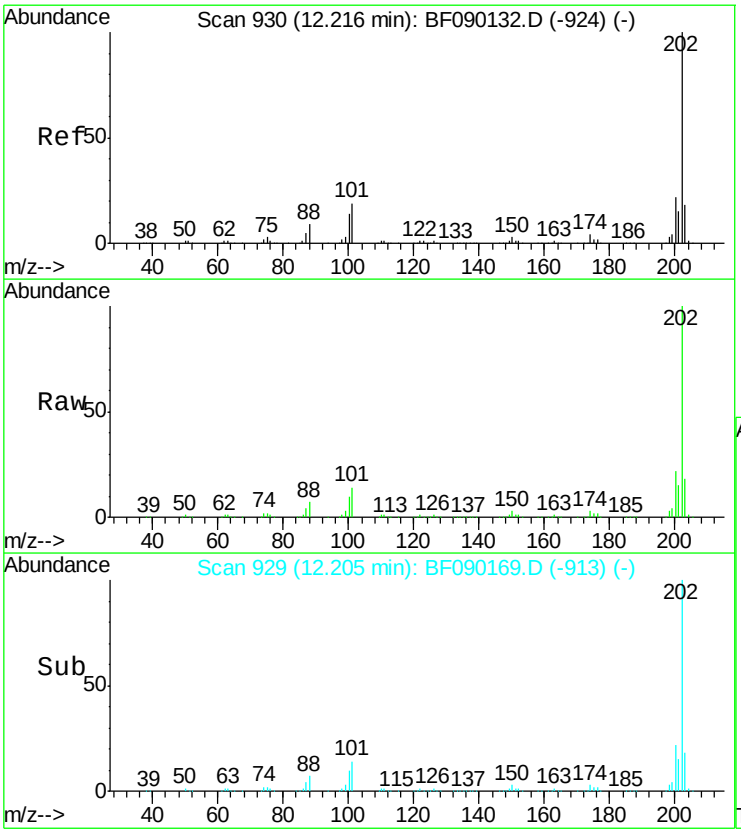

#73
Di-n-butylphthalate
Concen: 45.13 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:149 Resp: 1186250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.8 | 11.8 |
| 104 | 3.4 | 3.9 | 5.9# |

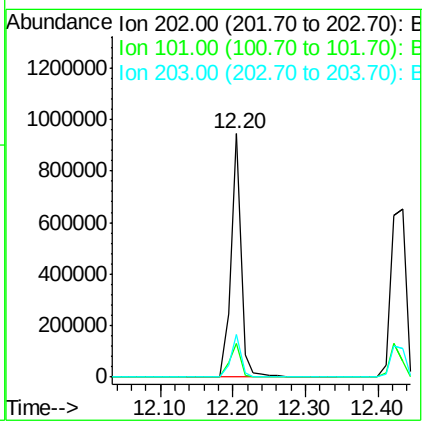


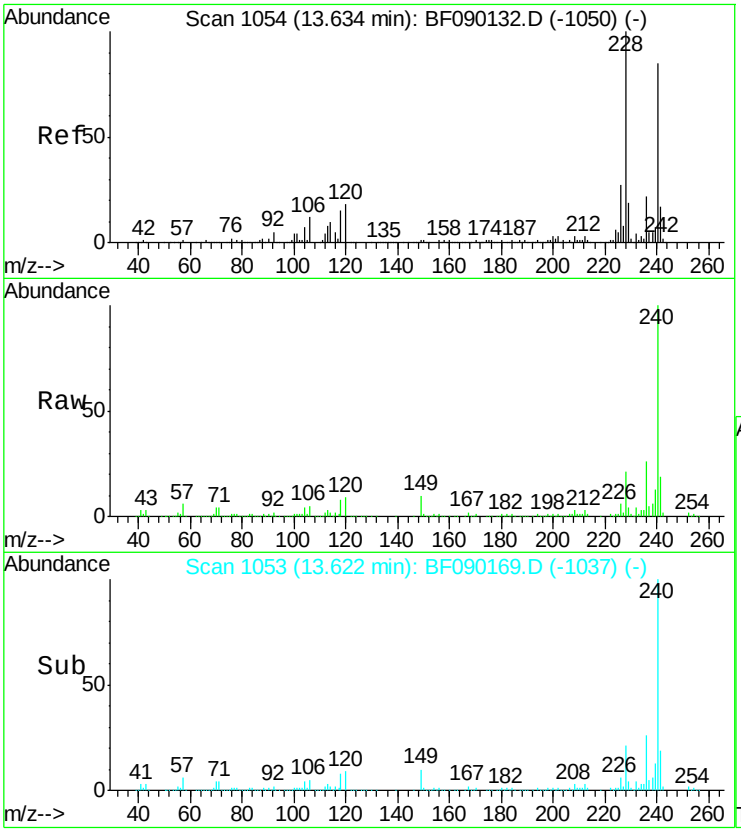




#74
Fluoranthene
Concen: 41.82 ng
RT: 12.20 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:202 Resp: 915128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 0.0 | 36.1 |
| 203 | 17.7 | 0.0 | 38.2 |



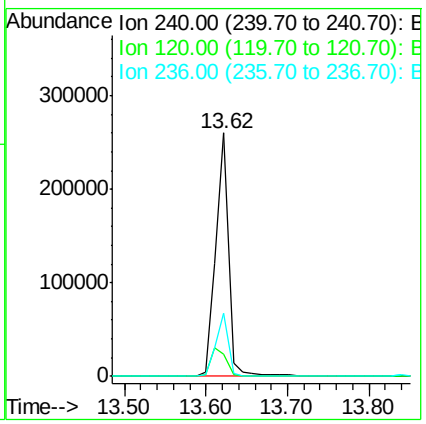


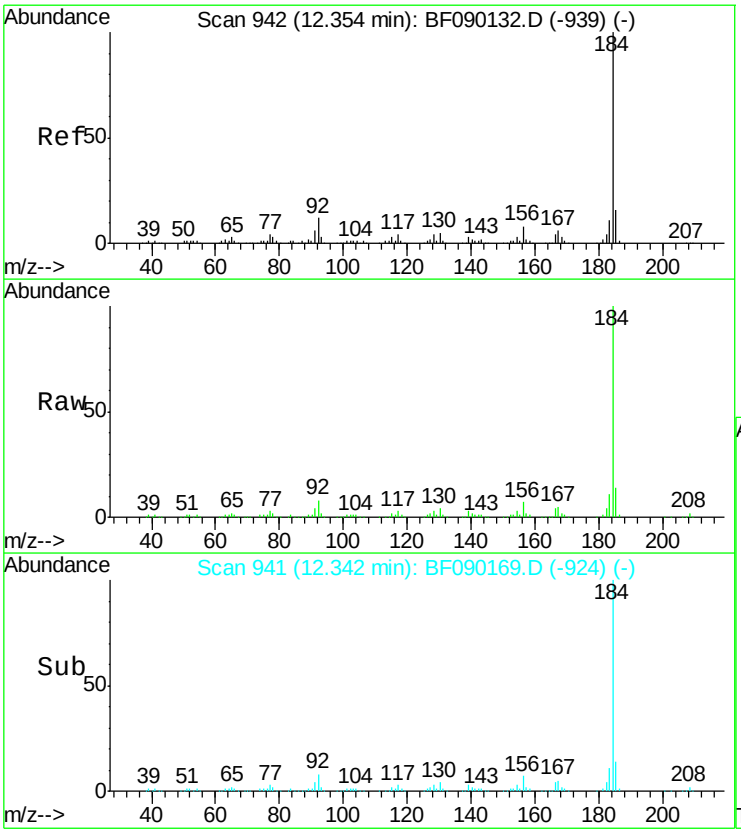

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:240 Resp: 286416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 10.6 | 16.0# |
| 236 | 26.2 | 21.6 | 32.4 |

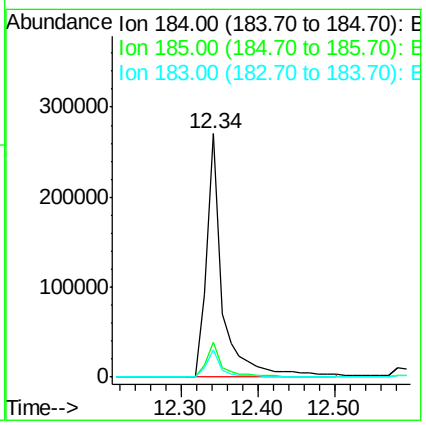


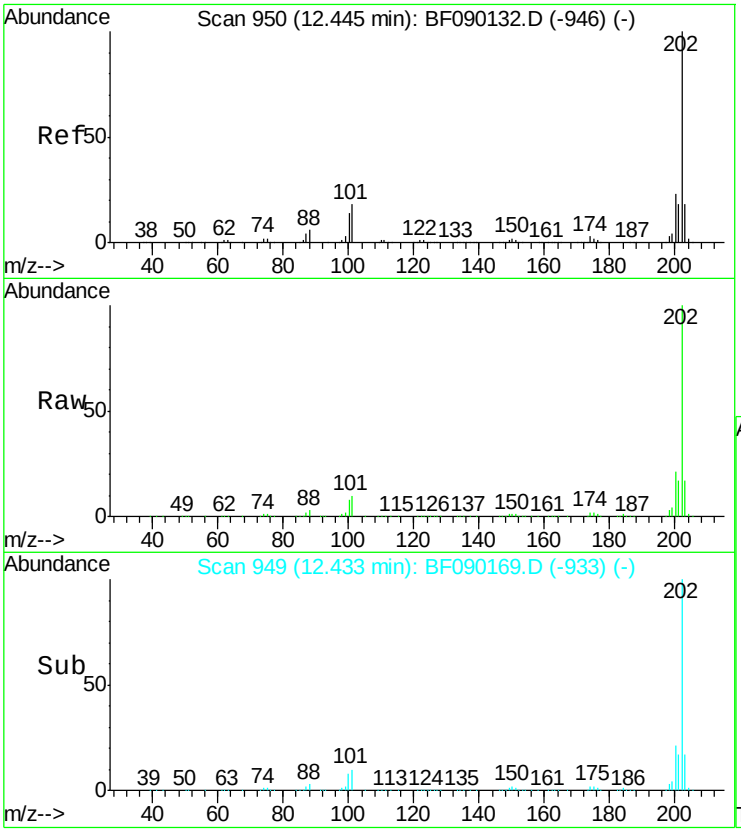




#76
Benzidine
Concen: 40.64 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:184 Resp: 389582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 13.2 | 19.8 |
| 183 | 11.2 | 9.2 | 13.8 |



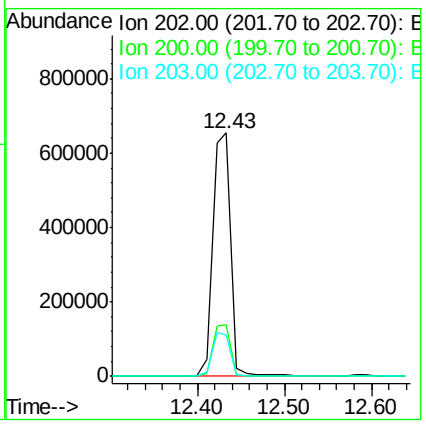


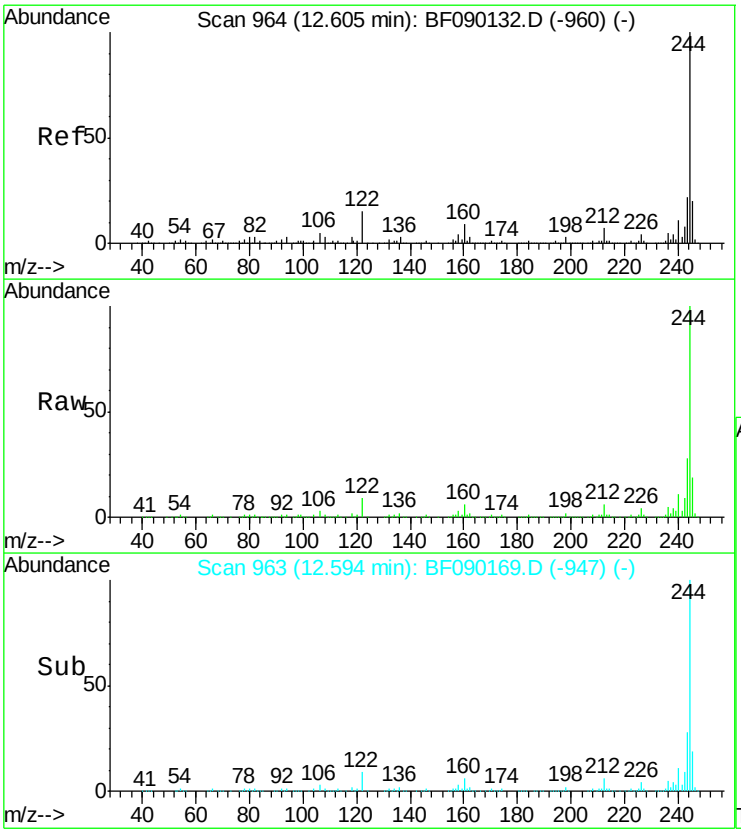

#77
Pyrene
Concen: 47.99 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:202 Resp: 940458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.9 | 26.9 |
| 203 | 17.2 | 14.2 | 21.4 |

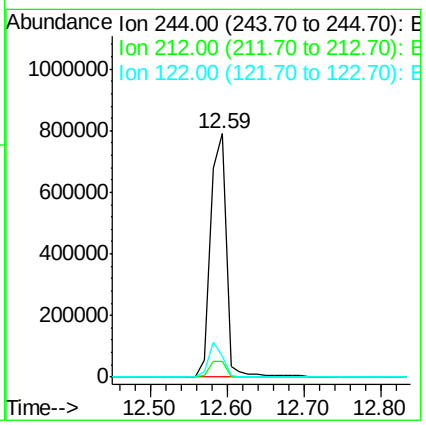


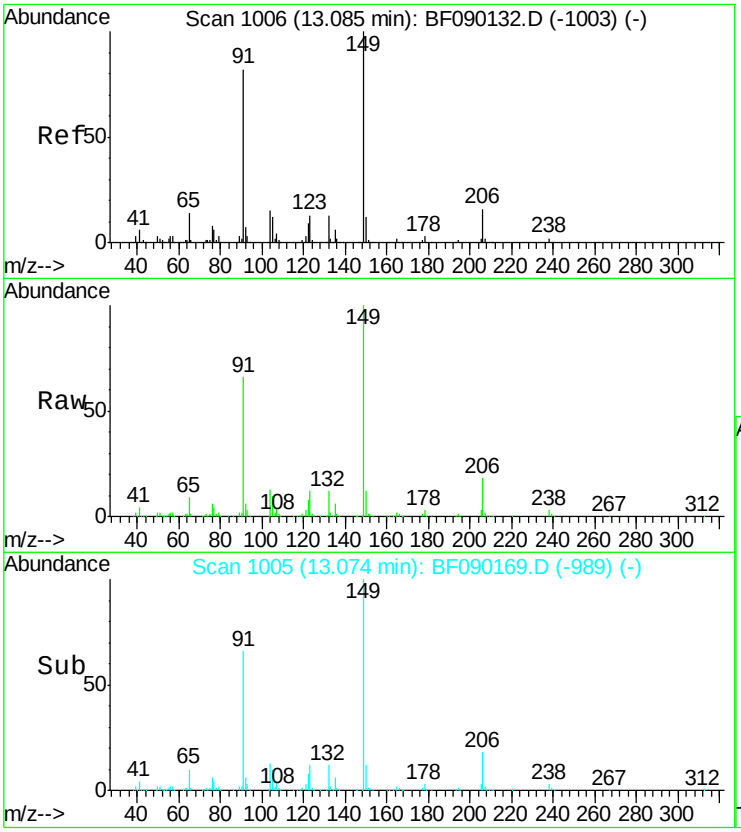




#78
Terphenyl-d14
Concen: 98.83 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:244 Resp: 1114888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.8 | 8.8 |
| 122 | 8.8 | 9.4 | 14.0# |



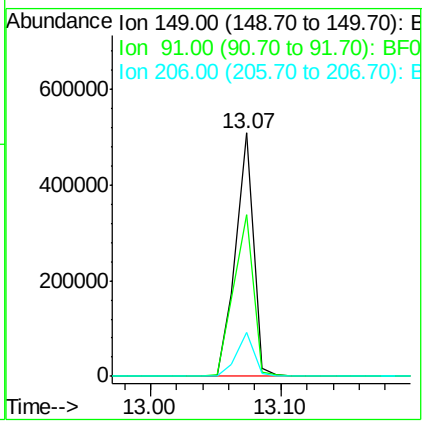


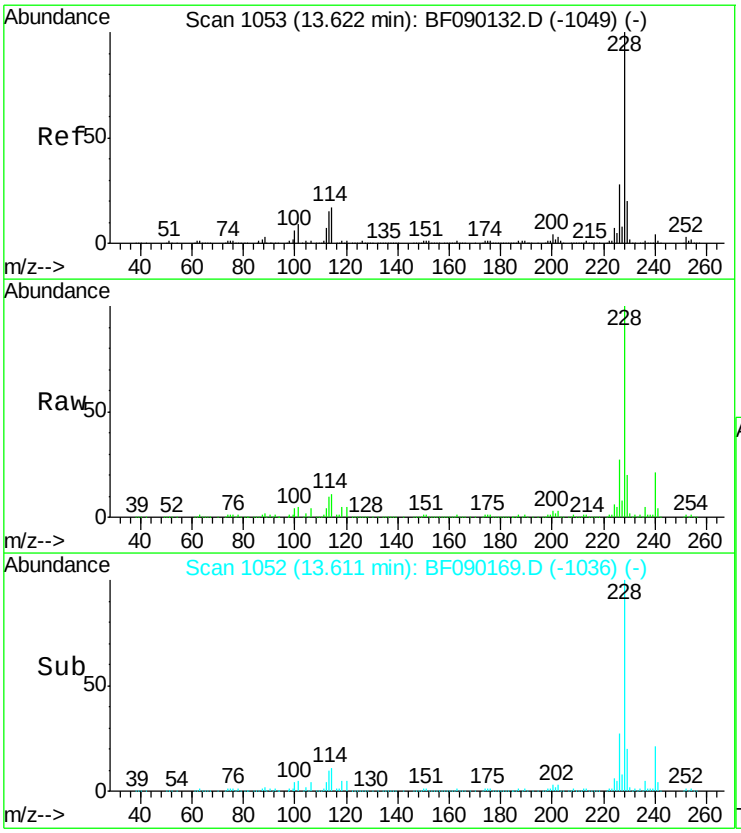

#79
Butylbenzylphthalate
Concen: 50.88 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:149 Resp: 487746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.4 | 49.8 | 74.6 |
| 206 | 18.0 | 16.3 | 24.5 |

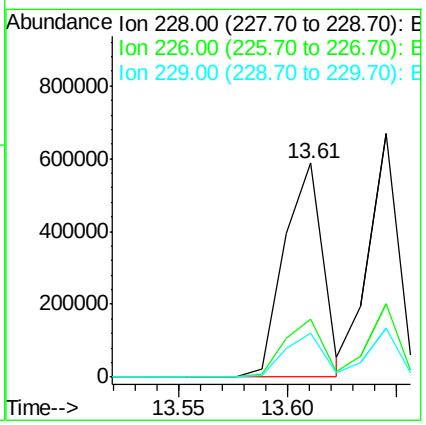


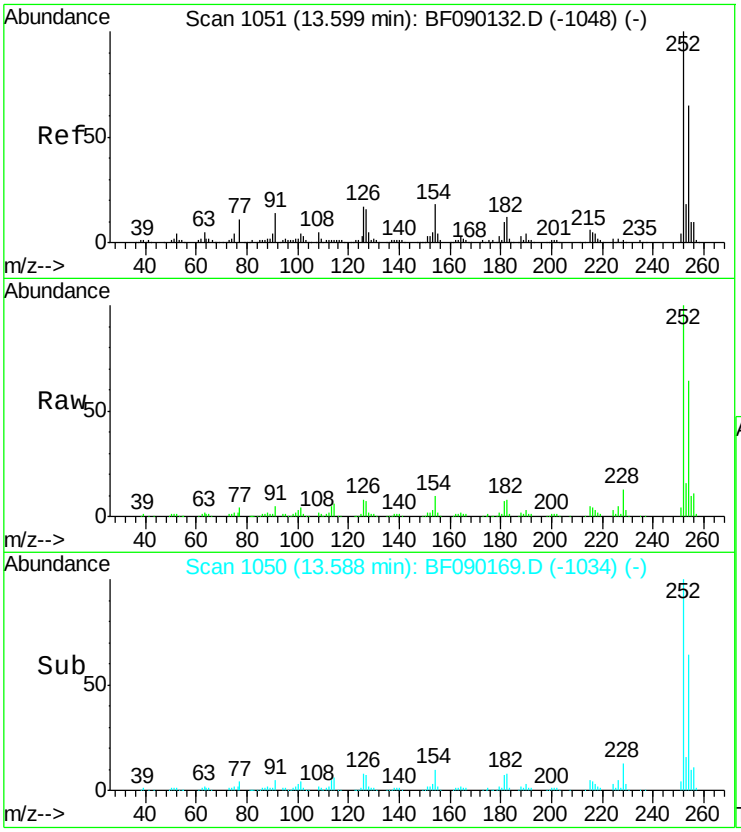




#80
Benzo(a)anthracene
Concen: 47.12 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:228 Resp: 726039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.0 | 33.0 |
| 229 | 20.3 | 16.2 | 24.2 |



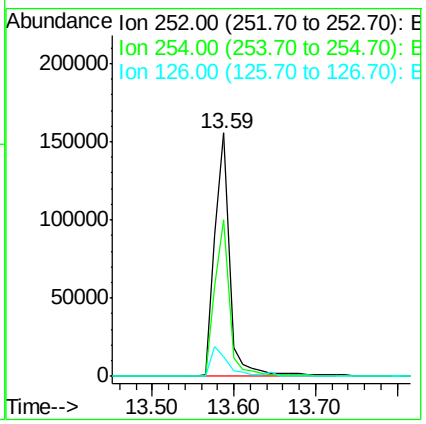


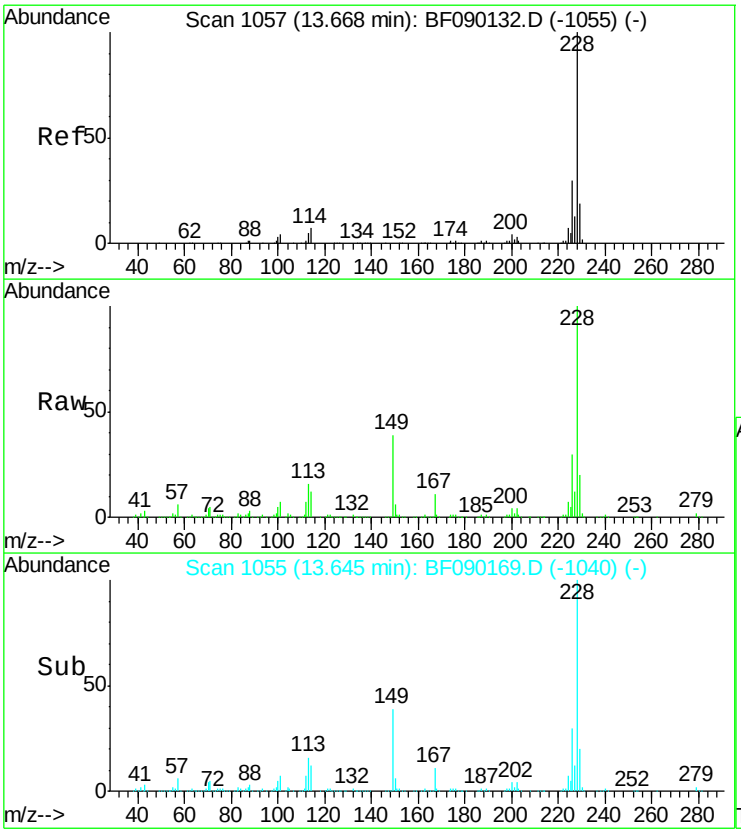

#81
3,3'-Dichlorobenzidine
Concen: 31.56 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:252 Resp: 200564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 50.7 | 76.1 |
| 126 | 8.0 | 9.2 | 13.8# |

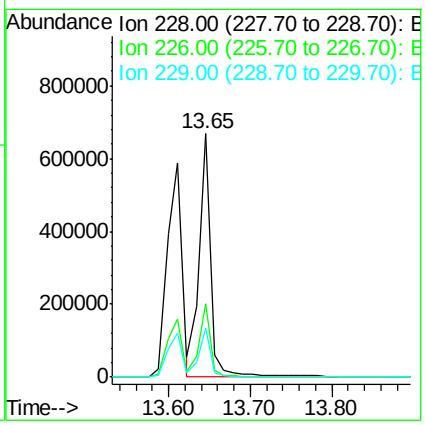


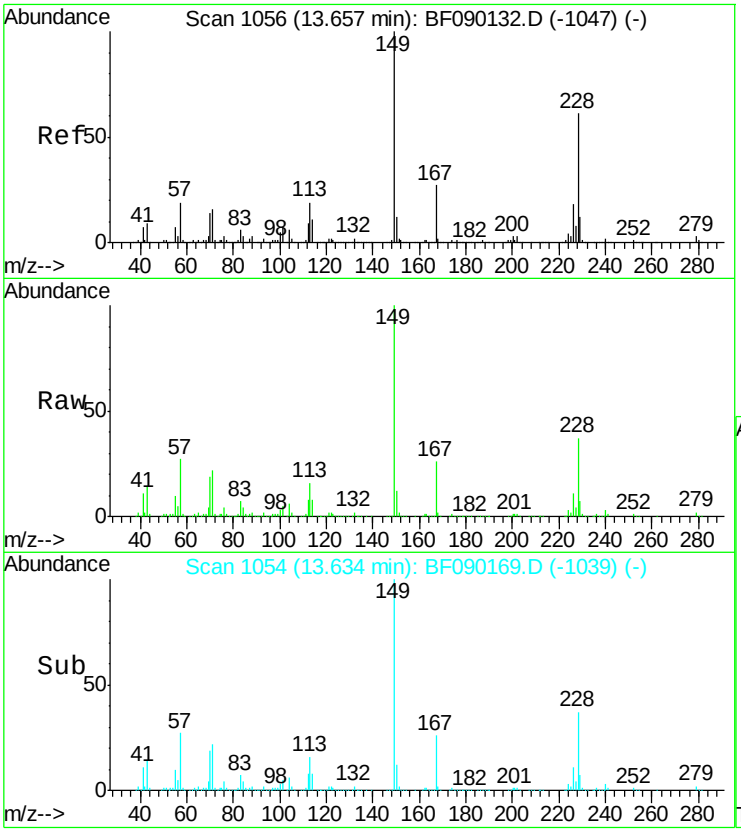




#82
Chrysene
Concen: 44.81 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:228 Resp: 672648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 24.6 | 37.0 |
| 229 | 20.2 | 16.2 | 24.4 |



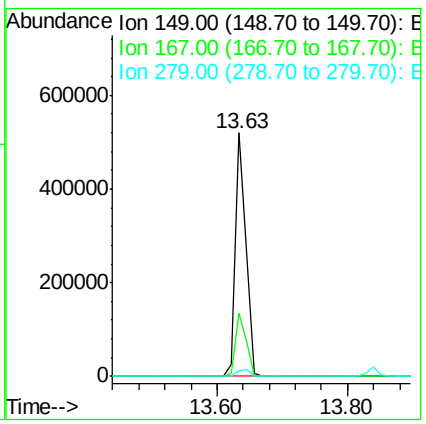


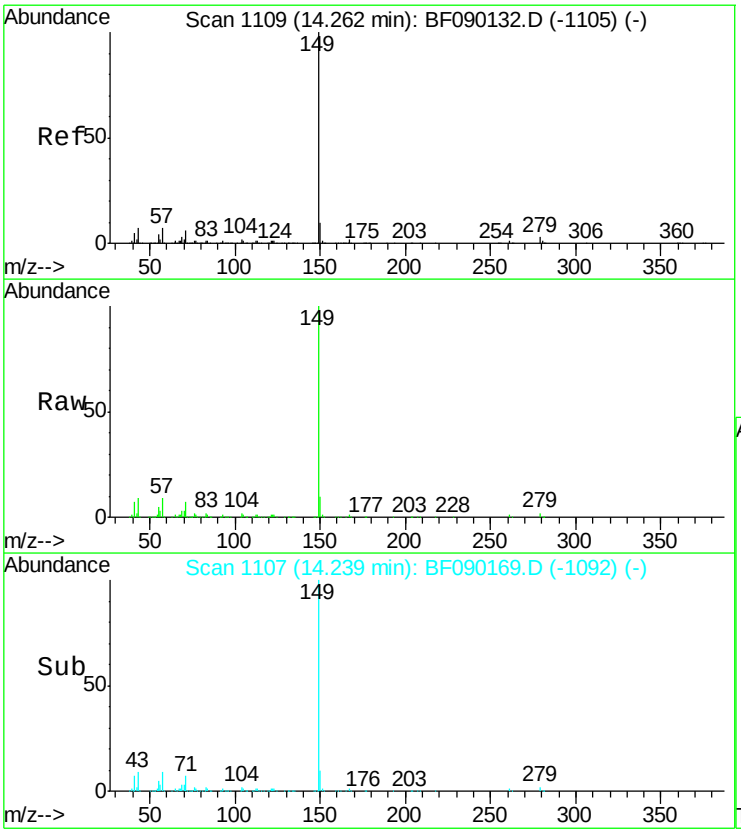

#83
Bis(2-ethylhexyl)phthalate
Concen: 46.19 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:149 Resp: 566701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.9 | 21.2 | 31.8 |
| 279 | 2.1 | 2.2 | 3.2# |

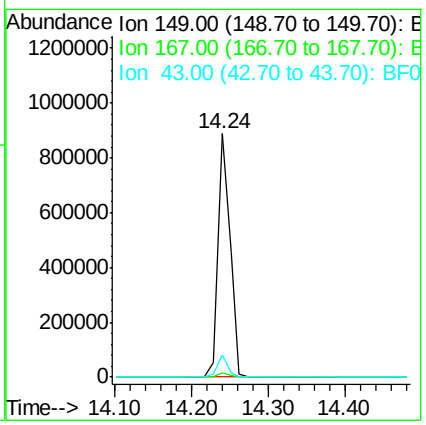


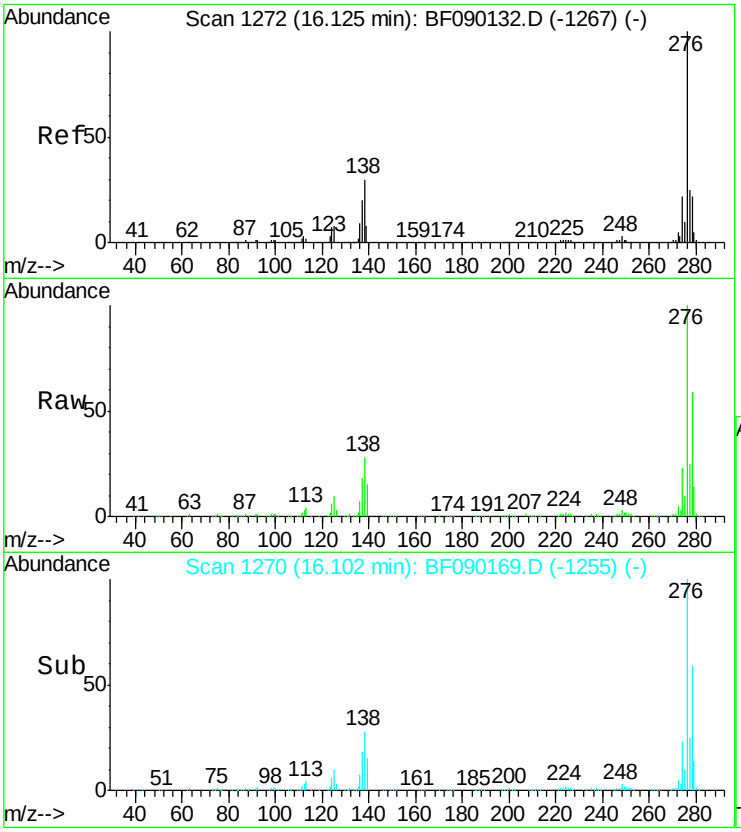




#84
Di-n-octyl phthalate
Concen: 46.09 ng
RT: 14.24 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:149 Resp: 974109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 7.6 | 6.8 | 10.2 |



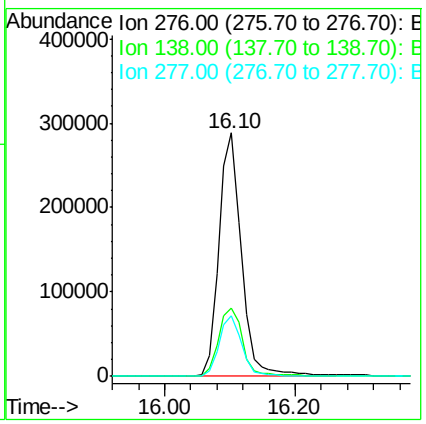


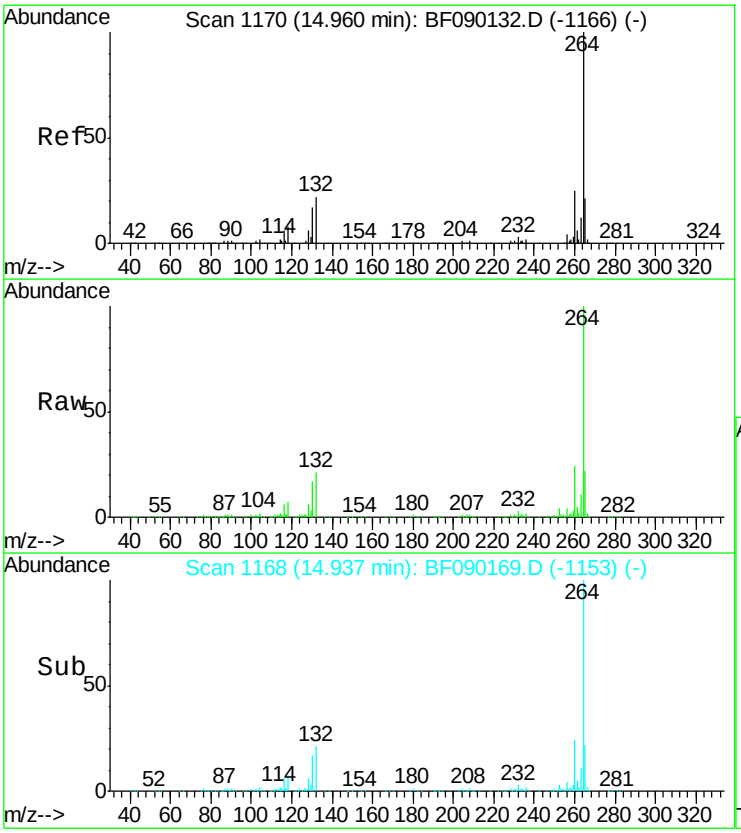

#85
Indeno(1,2,3-cd)pyrene
Concen: 57.40 ng
RT: 16.10 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:276 Resp: 696621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.5 | 25.9 | 38.9 |
| 277 | 25.4 | 19.9 | 29.9 |

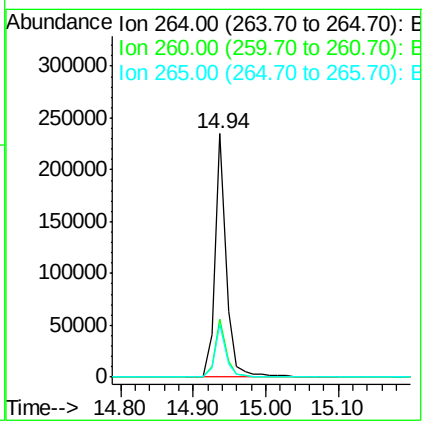


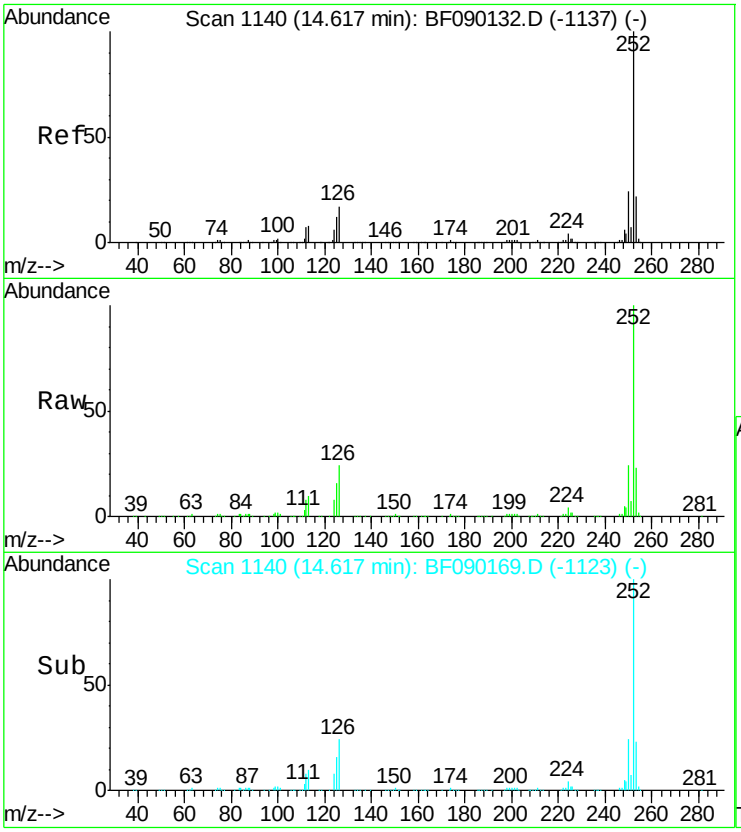




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:264 Resp: 253603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.5 | 29.3 |
| 265 | 21.8 | 17.0 | 25.4 |



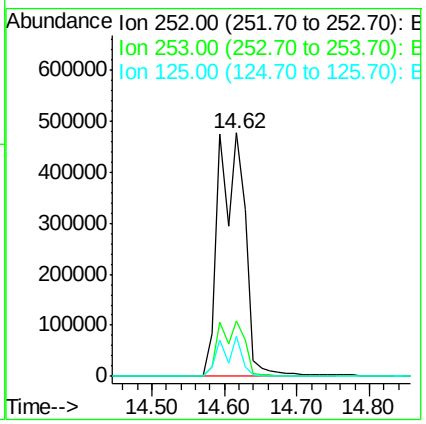


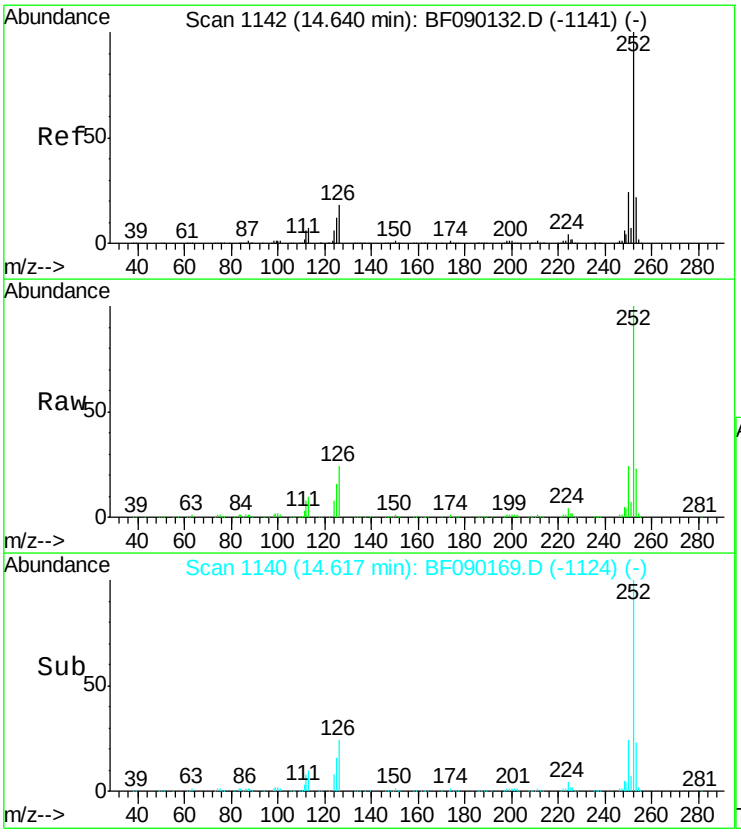

#87
Benzo(b)fluoranthene
Concen: 85.71 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:252 Resp: 1203652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.9 | 26.9 |
| 125 | 16.3 | 12.7 | 19.1 |

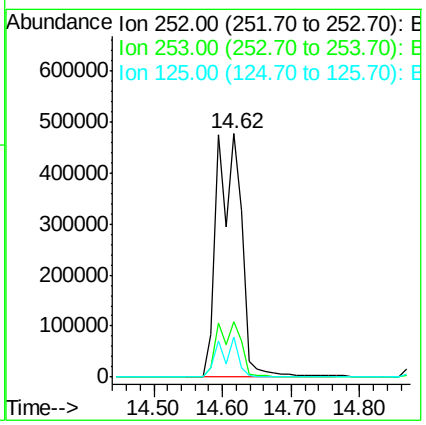


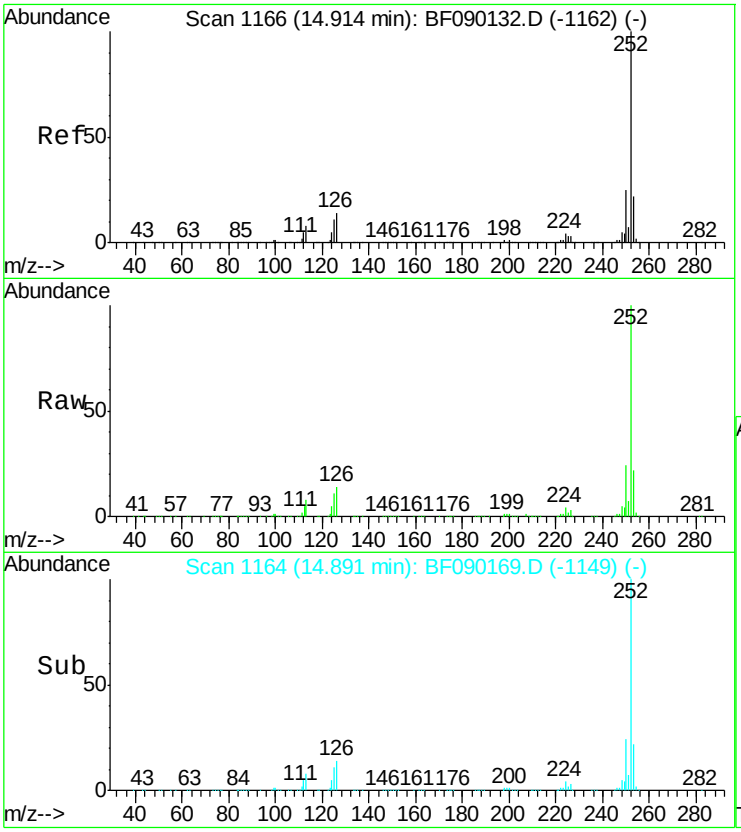




#88
Benzo(k)fluoranthene
Concen: 91.45 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:252 Resp: 1205212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.8 | 26.8 |
| 125 | 16.3 | 7.8 | 11.6# |



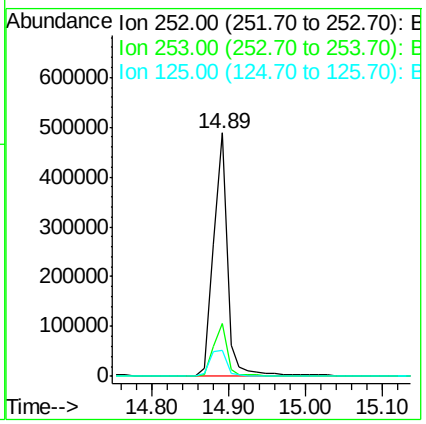


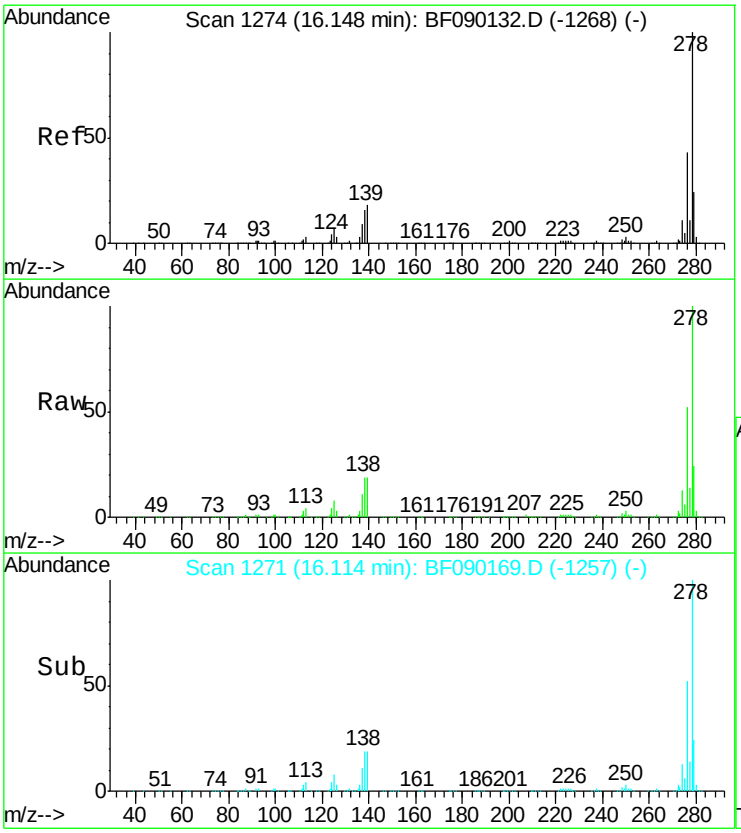

#89
Benzo(a)pyrene
Concen: 45.97 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:252 Resp: 607223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.0 |
| 125 | 10.6 | 7.7 | 11.5 |

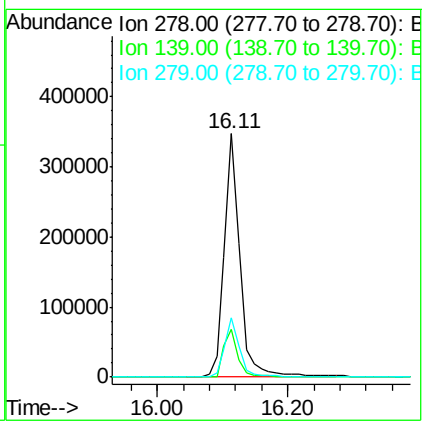


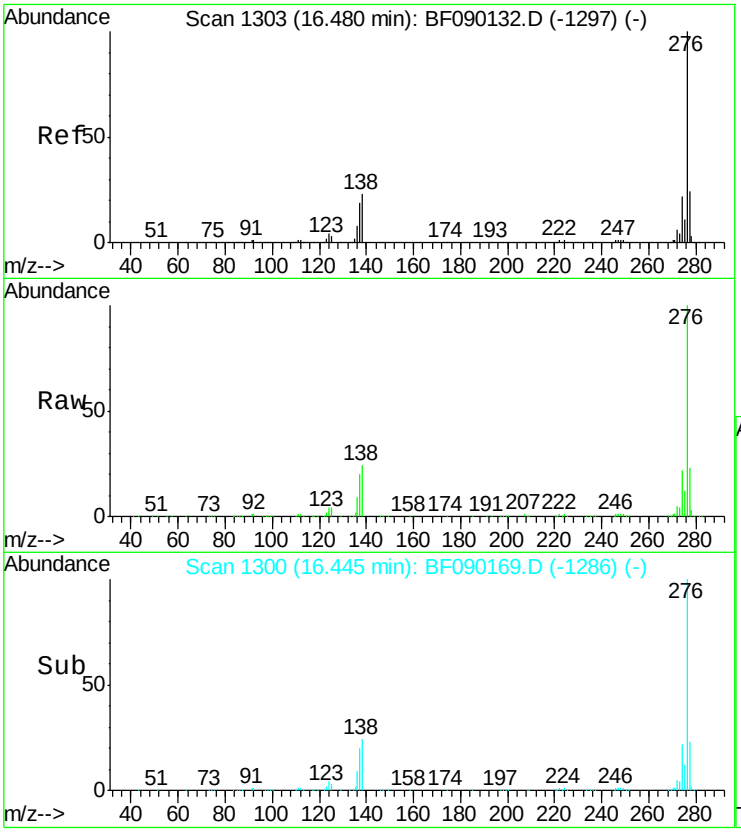




#90
Dibenzo(a,h)anthracene
Concen: 56.81 ng
RT: 16.11 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

Tgt Ion:278 Resp: 585558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.4 | 14.6 | 21.8 |
| 279 | 24.4 | 18.8 | 28.2 |






#91
Benzo(g,h,i)perylene
Concen: 60.00 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.03 min
Lab File: BF090169.D
Acq: 21 Sep 2016 19:49

**Instrument :**
BNA_F
**ClientSampleId :**
PB93513BS

Tgt Ion:276 Resp: 605326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 18.9 | 28.3 |
| 138 | 24.1 | 23.3 | 34.9 |