Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090066.D
Acq On : 12 Sep 2016 16:31
Operator : UM/SJ
Sample : H4744-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-1AMS

Quant Time: Sep 13 03:04:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.58 | 152 | 183436 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.86 | 136 | 690002 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 321953 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 537837 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.69 | 240 | 389878 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 15.03 | 264 | 336234 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 1350281 | 117.82 | ng | | -0.01 |
| 7) Phenol-d6 | 6.24 | 99 | 1596410 | 114.64 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.15 | 82 | 1051204 | 88.36 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 376640 | 118.58 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.95 | 172 | 1706874 | 87.03 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.66 | 244 | 1355443 | 85.88 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.03 | 88 | 165515 | 30.48 | ng | # | 92 |
| 3) Pyridine | 2.65 | 79 | 481087 | 33.21 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.59 | 42 | 260338 | 36.44 | ng | | 98 |
| 6) Aniline | 6.24 | 93 | 512324 | 26.96 | ng | | 91 |
| 8) 2-Chlorophenol | 6.36 | 128 | 529698 | 42.60 | ng | | 97 |
| 9) Benzaldehyde | 6.11 | 77 | 65273 | 7.27 | ng | | 92 |
| 10) Phenol | 6.25 | 94 | 675166 | 41.69 | ng | # | 78 |
| 11) bis(2-Chloroethyl)ether | 6.33 | 93 | 562851 | 45.93 | ng | | 86 |
| 12) 1,3-Dichlorobenzene | 6.51 | 146 | 534159m | 38.47 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.59 | 146 | 553234 | 38.94 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.75 | 146 | 514190 | 40.37 | ng | | 95 |
| 15) Benzyl Alcohol | 6.73 | 79 | 362053 | 41.50 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45 | 897881 | 38.43 | ng | | 92 |
| 17) 2-Methylphenol | 6.86 | 107 | 382714 | 38.54 | ng | | 98 |
| 18) Hexachloroethane | 7.08 | 117 | 166392 | 34.19 | ng | # | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70 | 363738 | 40.08 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.02 | 107 | 498214 | 41.39 | ng | # | 72 |
| 22) Acetophenone | 7.00 | 105 | 643308 | 41.56 | ng | # | 90 |
| 24) Nitrobenzene | 7.16 | 77 | 479029 | 37.87 | ng | | 97 |
| 25) Isophorone | 7.42 | 82 | 972071 | 40.18 | ng | | 99 |
| 26) 2-Nitrophenol | 7.48 | 139 | 251701 | 41.63 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 440297 | 39.37 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93 | 607971 | 41.66 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.74 | 162 | 450945 | 44.97 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 7.82 | 180 | 462296 | 42.17 | ng | | 98 |
| 31) Naphthalene | 7.88 | 128 | 1345800 | 39.15 | ng | | 100 |
| 32) Benzoic acid | 7.61 | 122 | 10265m | 1.36 | ng | | |
| 33) 4-Chloroaniline | 7.95 | 127 | 462130 | 33.32 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 249533 | 38.84 | ng | | 99 |
| 35) Caprolactam | 8.32 | 113 | 130810 | 41.33 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 444911 | 41.90 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.58 | 142 | 950946 | 41.86 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 357398 | 37.89 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 121899 | 25.21 | ng | | 95 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090066.D
Acq On : 12 Sep 2016 16:31
Operator : UM/SJ
Sample : H4744-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-1AMS

Quant Time: Sep 13 03:04:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 272961 | 41.76 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.90 | 196 | 296019 | 47.10 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 966968 | 37.30 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.06 | 162 | 830342 | 45.28 | ng | | 99 |
| 47) 2-Nitroaniline | 9.16 | 65 | 287488 | 47.96 | ng | # | 84 |
| 48) Acenaphthylene | 9.47 | 152 | 1289096 | 42.52 | ng | | 99 |
| 49) Dimethylphthalate | 9.36 | 163 | 1498154 | 64.38 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.42 | 165 | 221274 | 42.75 | ng | # | 63 |
| 51) Acenaphthene | 9.64 | 154 | 781755 | 40.70 | ng | | 99 |
| 52) 3-Nitroaniline | 9.58 | 138 | 245917 | 41.66 | ng | | 83 |
| 53) 2,4-Dinitrophenol | 9.68 | 184 | 20155 | 12.10 | ng | # | 78 |
| 54) Dibenzofuran | 9.82 | 168 | 1163391 | 45.19 | ng | | 99 |
| 55) 4-Nitrophenol | 9.76 | 139 | 281295 | 63.18 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 9.80 | 165 | 237949 | 36.25 | ng | # | 73 |
| 57) Fluorene | 10.16 | 166 | 825512 | 43.88 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.94 | 232 | 243432 | 45.24 | ng | | 94 |
| 59) Diethylphthalate | 10.04 | 149 | 914976 | 41.80 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204 | 379407 | 42.86 | ng | | 99 |
| 61) 4-Nitroaniline | 10.18 | 138 | 229237 | 39.53 | ng | | 93 |
| 62) Azobenzene | 10.31 | 77 | 843882 | 38.59 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198 | 28885 | 8.39 | ng | # | 67 |
| 65) n-Nitrosodiphenylamine | 10.27 | 169 | 715160 | 44.23 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 262329 | 48.45 | ng | | 96 |
| 67) Hexachlorobenzene | 10.70 | 284 | 245072 | 39.62 | ng | | 96 |
| 68) Atrazine | 10.81 | 200 | 243600 | 45.13 | ng | | 93 |
| 69) Pentachlorophenol | 10.89 | 266 | 252407 | 75.86 | ng | | 98 |
| 70) Phenanthrene | 11.11 | 178 | 1191835 | 44.50 | ng | | 98 |
| 71) Anthracene | 11.15 | 178 | 1171563 | 43.13 | ng | | 99 |
| 72) Carbazole | 11.31 | 167 | 1072631 | 42.11 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.66 | 149 | 1192171 | 40.16 | ng | | 99 |
| 74) Fluoranthene | 12.29 | 202 | 1252557 | 44.63 | ng | | 97 |
| 76) Benzidine | 12.41 | 184 | 600858 | 40.68 | ng | | 96 |
| 77) Pyrene | 12.50 | 202 | 1173169 | 42.68 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.14 | 149 | 507868 | 45.81 | ng | | 94 |
| 80) Benzo(a)anthracene | 13.69 | 228 | 1058861 | 44.34 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.66 | 252 | 389599 | 45.20 | ng | | 98 |
| 82) Chrysene | 13.73 | 228 | 1071729 | 48.05 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.70 | 149 | 656192 | 42.80 | ng | # | 93 |
| 84) Di-n-octyl phthalate | 14.32 | 149 | 1175844 | 47.51 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.24 | 276 | 756911 | 45.90 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.67 | 252 | 816375m | 38.76 | ng | | |
| 88) Benzo(k)fluoranthene | 14.70 | 252 | 839665m | 46.98 | ng | | |
| 89) Benzo(a)pyrene | 14.98 | 252 | 814908 | 45.16 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.25 | 278 | 624629 | 47.24 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 16.59 | 276 | 625785 | 47.02 | ng | | 98 |

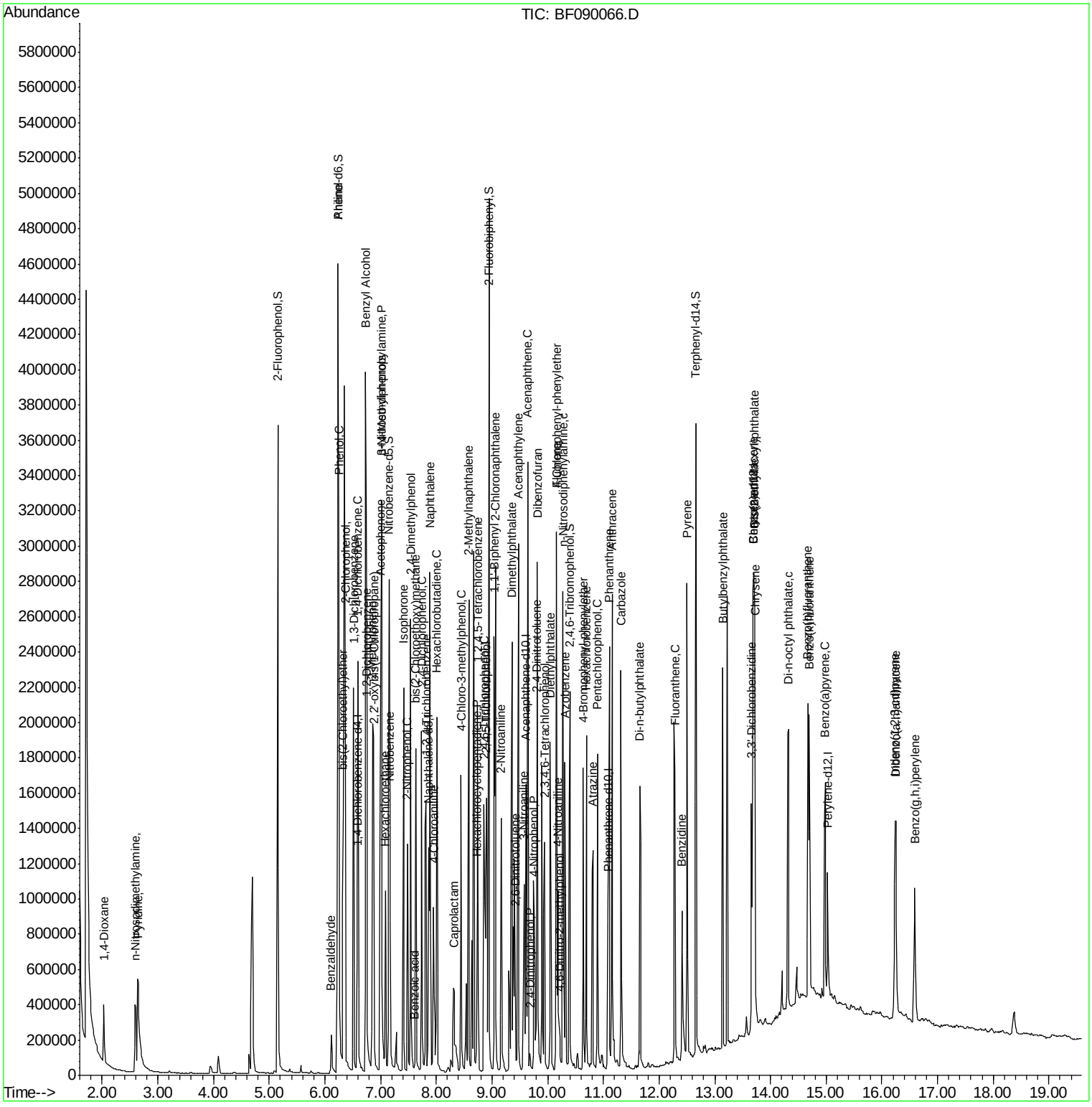
(#) = qualifier out of range (m) = manual integration (+) = signals summed

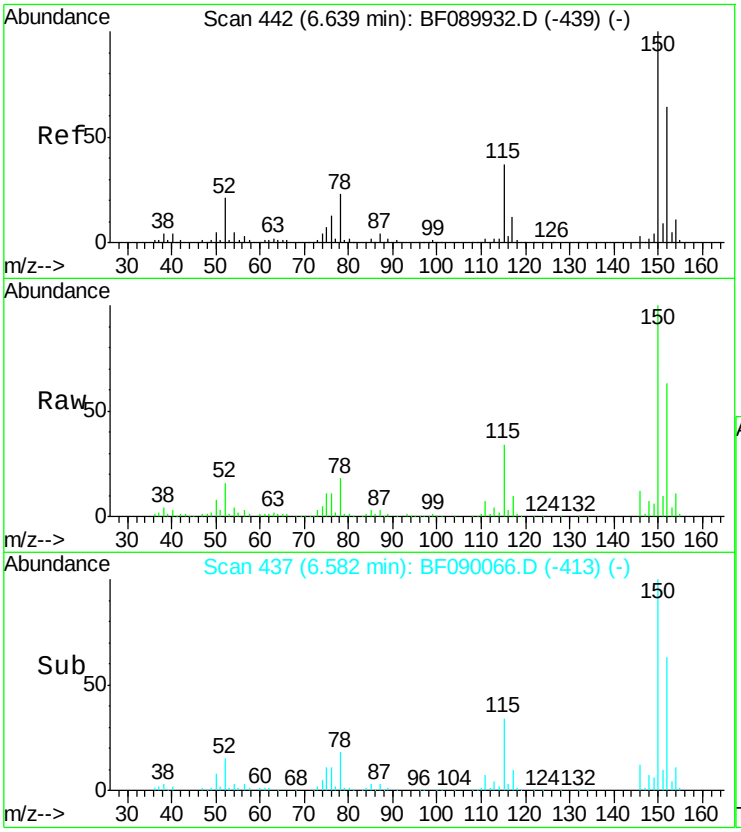
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090066.D
Acq On : 12 Sep 2016 16:31
Operator : UM/SJ
Sample : H4744-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Quant Time: Sep 13 03:04:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration



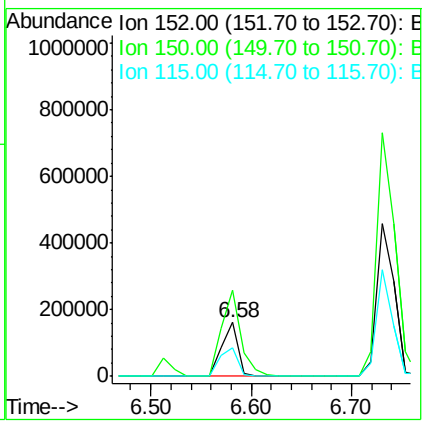


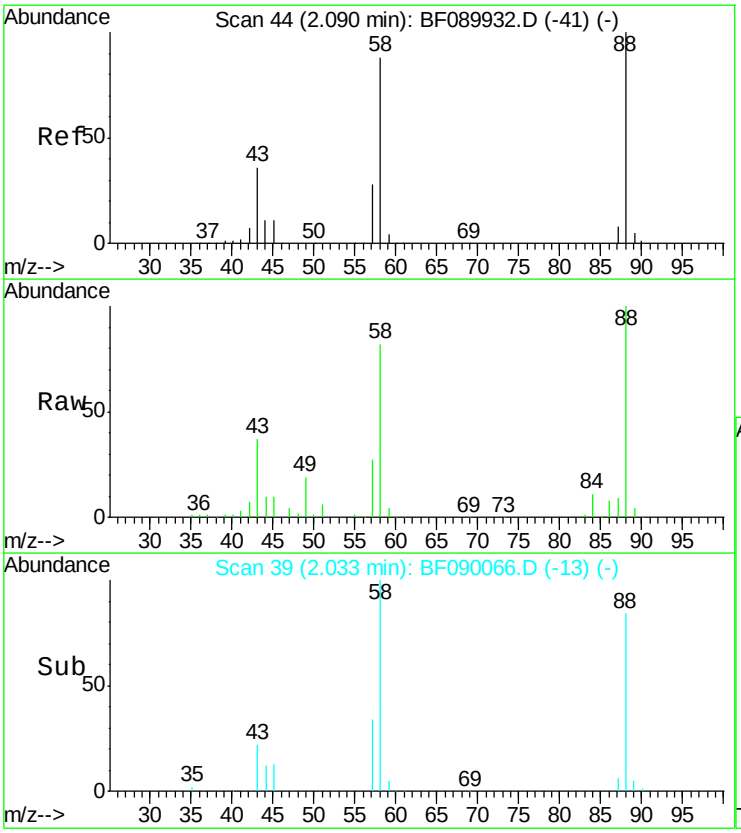

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:152 Resp: 183436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 127.4 | 191.2 |
| 115 | 53.2 | 46.3 | 69.5 |

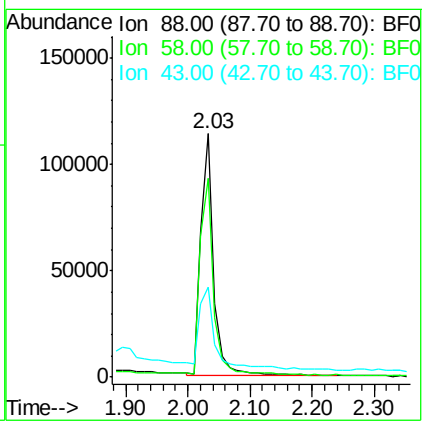


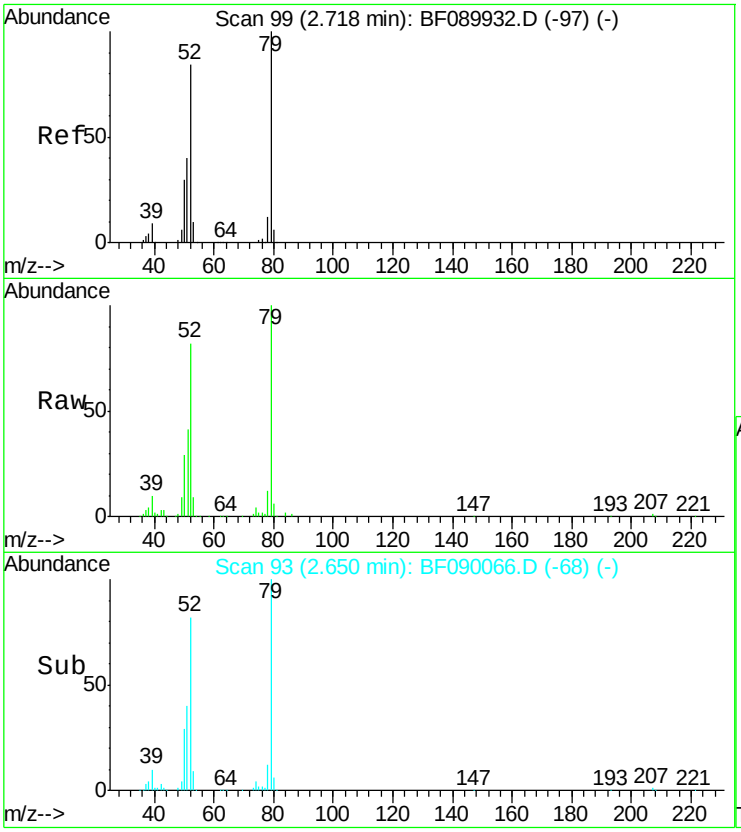




#2
1,4-Dioxane
Concen: 30.48 ng
RT: 2.03 min Scan# 39
Delta R.T. 0.00 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 88 Resp: 165515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.8 | 68.8 | 103.2 |
| 43 | 47.5 | 27.0 | 40.6# |



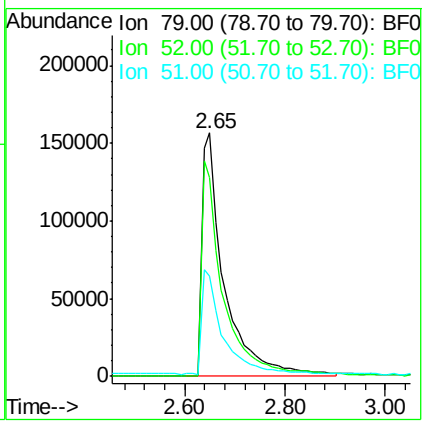


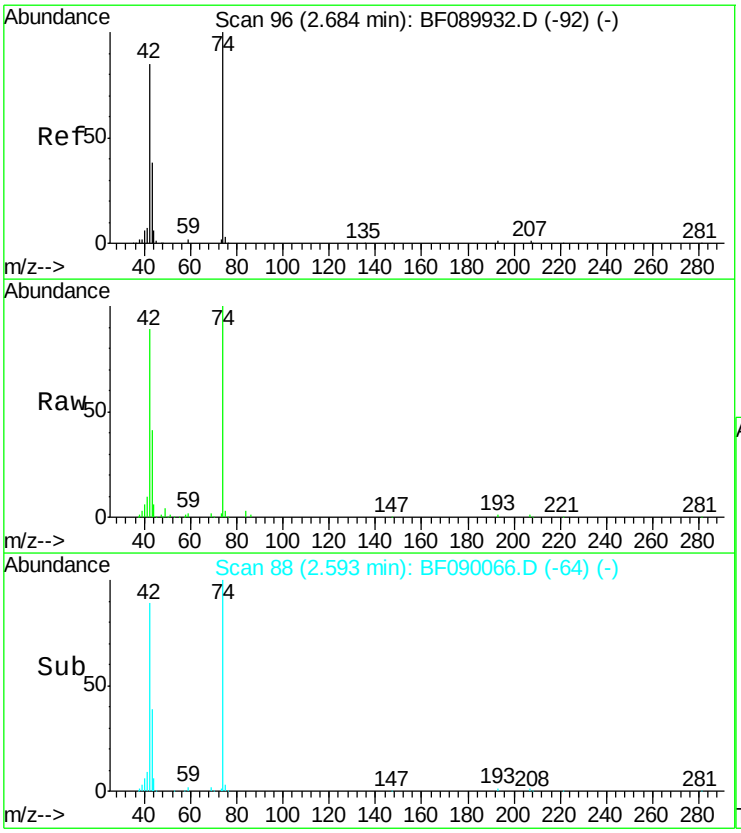

#3
Pyridine
Concen: 33.21 ng
RT: 2.65 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 79 Resp: 481087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.6 | 67.8 | 101.6 |
| 51 | 41.3 | 32.9 | 49.3 |

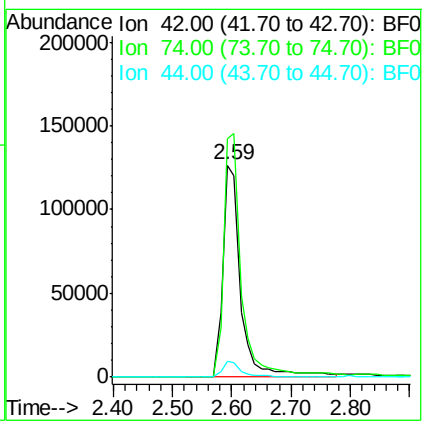


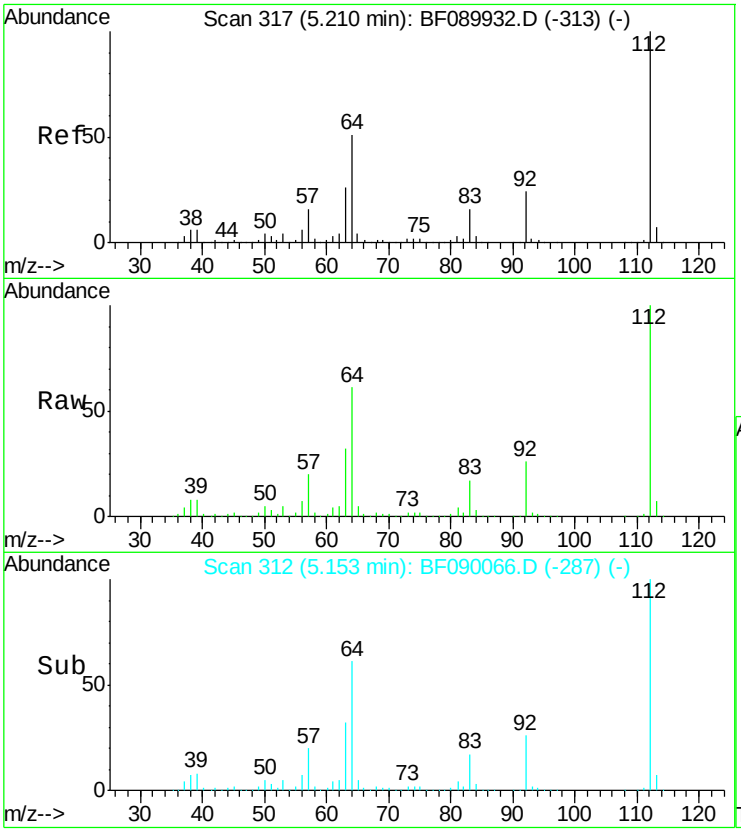




#4
n-Nitrosodimethylamine
Concen: 36.44 ng
RT: 2.59 min Scan# 88
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 42 Resp: 260338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.3 | 92.0 | 138.0 |
| 44 | 7.2 | 5.8 | 8.8 |



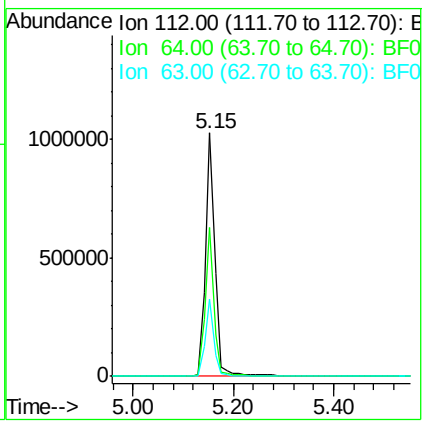


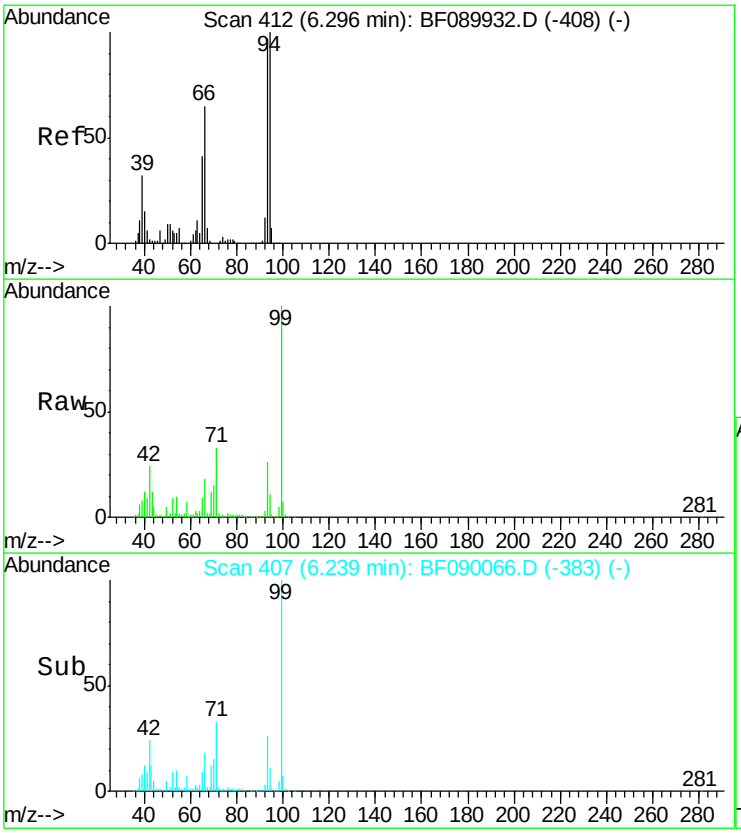

#5
2-Fluorophenol
Concen: 117.82 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:112 Resp: 1350281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.2 | 41.1 | 61.7 |
| 63 | 31.9 | 21.2 | 31.8# |

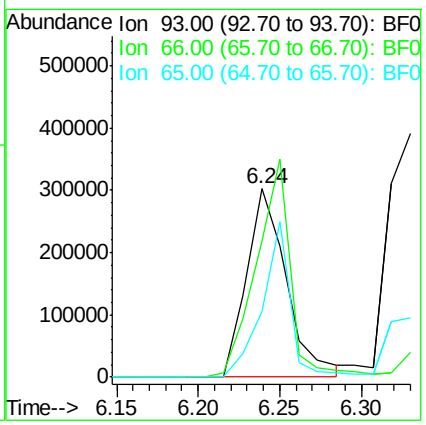


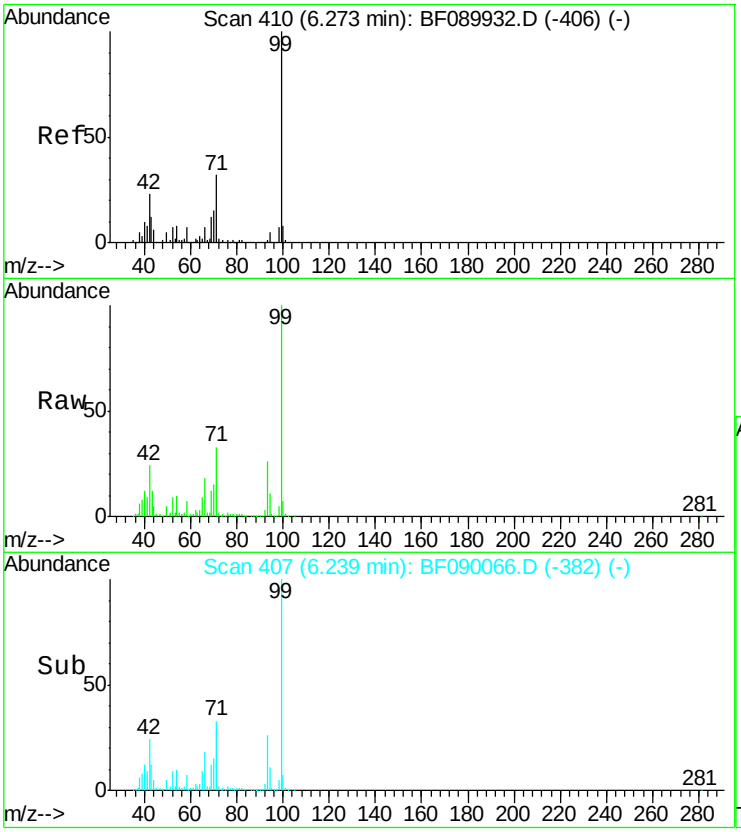




#6
Aniline
Concen: 26.96 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 93 Resp: 512324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 72.3 | 52.9 | 79.3 |
| 65 | 34.6 | 33.0 | 49.6 |



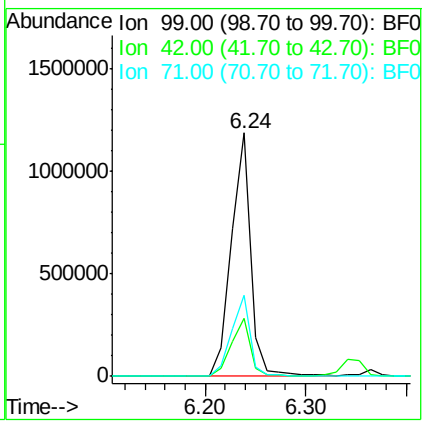


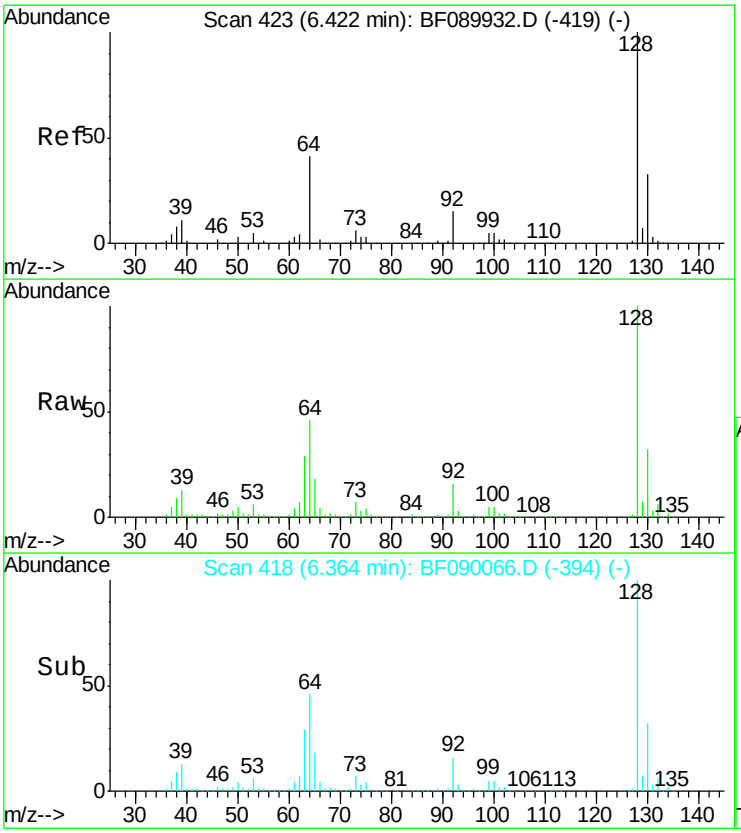

#7
Phenol-d6
Concen: 114.64 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 99 Resp: 1596410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 18.6 | 27.8 |
| 71 | 33.5 | 25.8 | 38.6 |

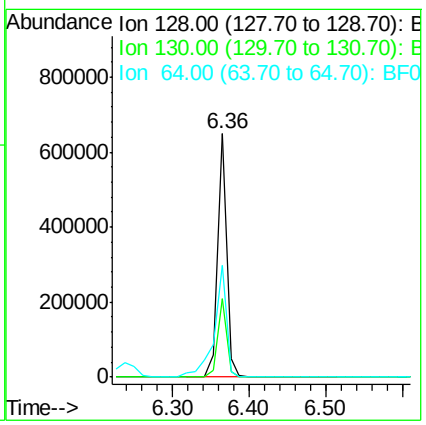


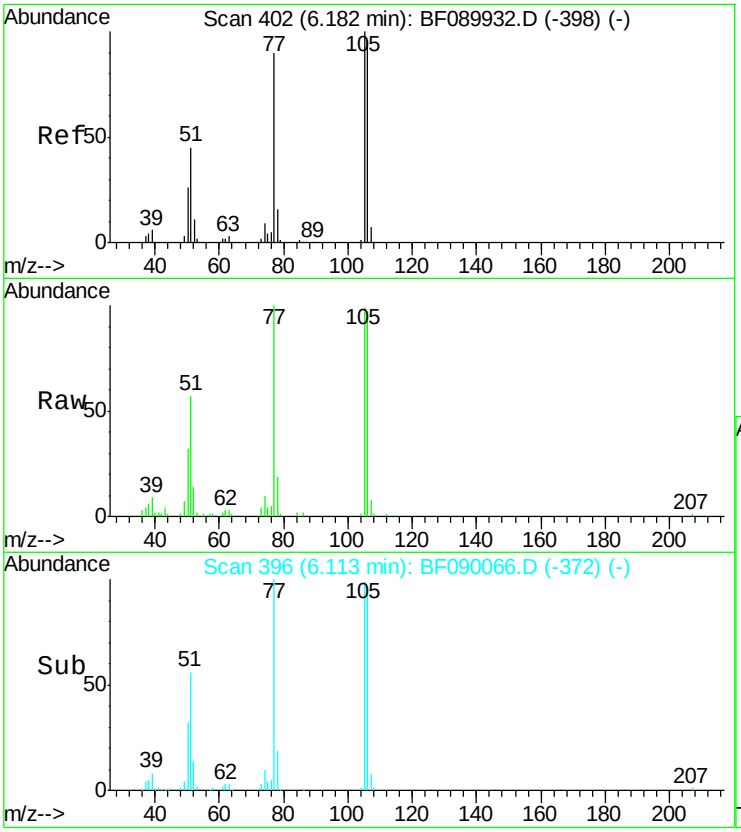




#8
2-Chlorophenol
Concen: 42.60 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:128 Resp: 529698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.8 | 52.8 |
| 64 | 45.9 | 23.2 | 63.2 |



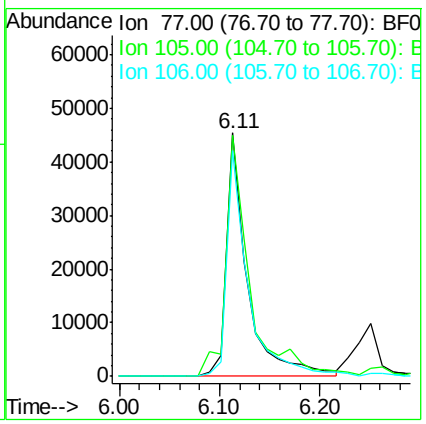


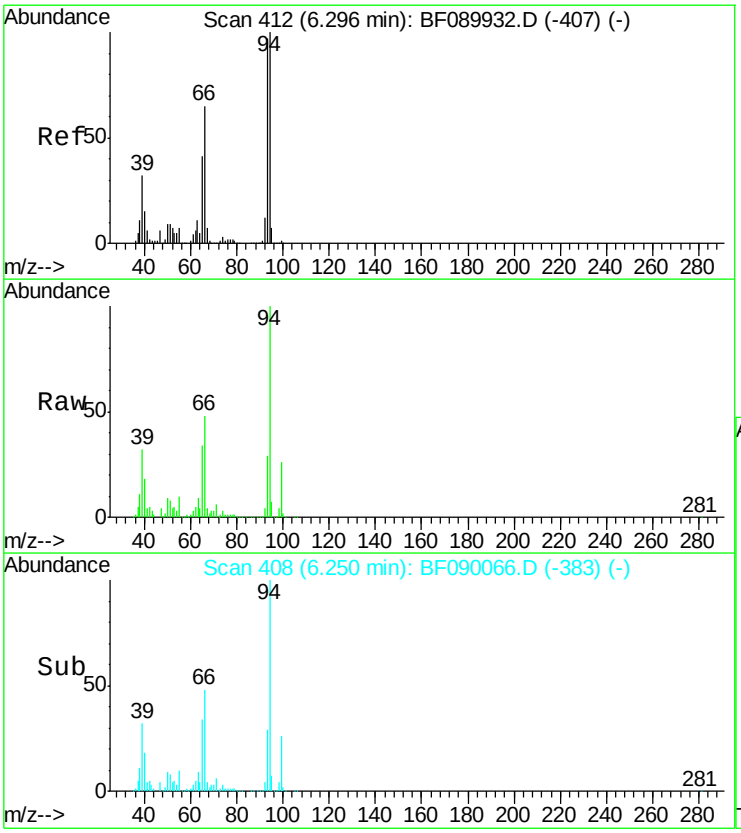

#9
Benzaldehyde
Concen: 7.27 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 77 Resp: 65273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.9 | 85.4 | 125.4 |
| 106 | 92.8 | 83.4 | 123.4 |

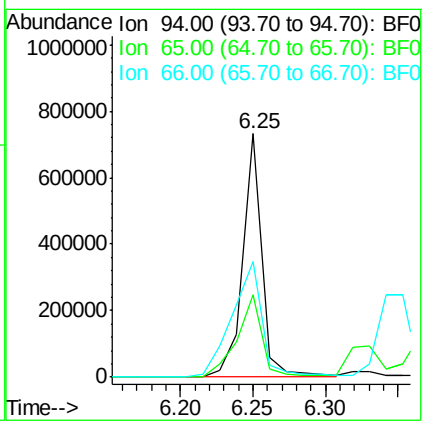


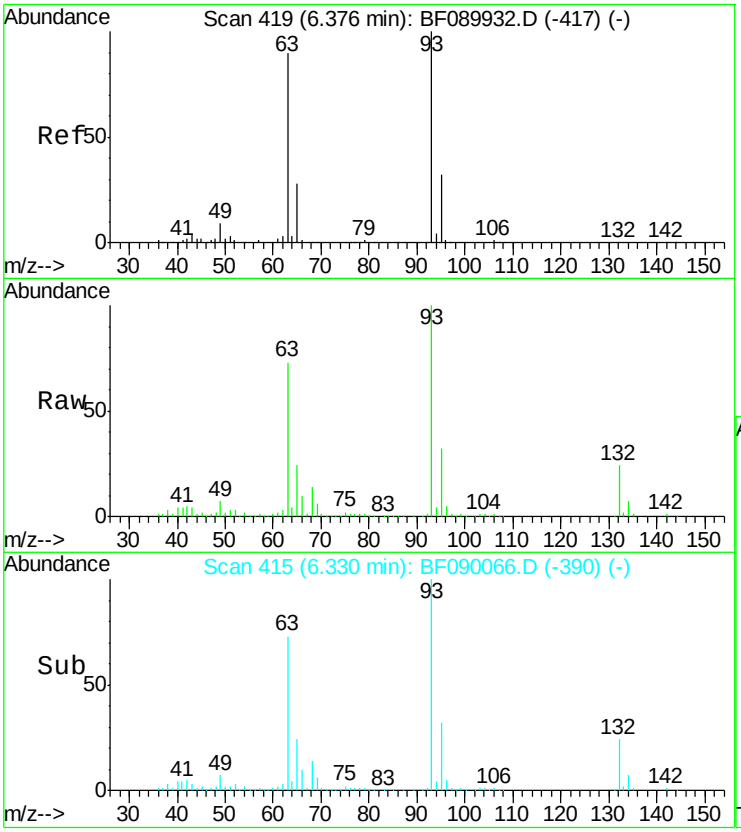




#10
Phenol
Concen: 41.69 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 94 Resp: 675166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.0 | 23.2 | 63.2 |
| 66 | 47.7 | 49.2 | 89.2# |



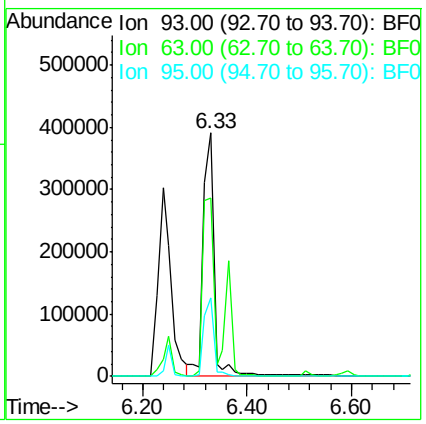


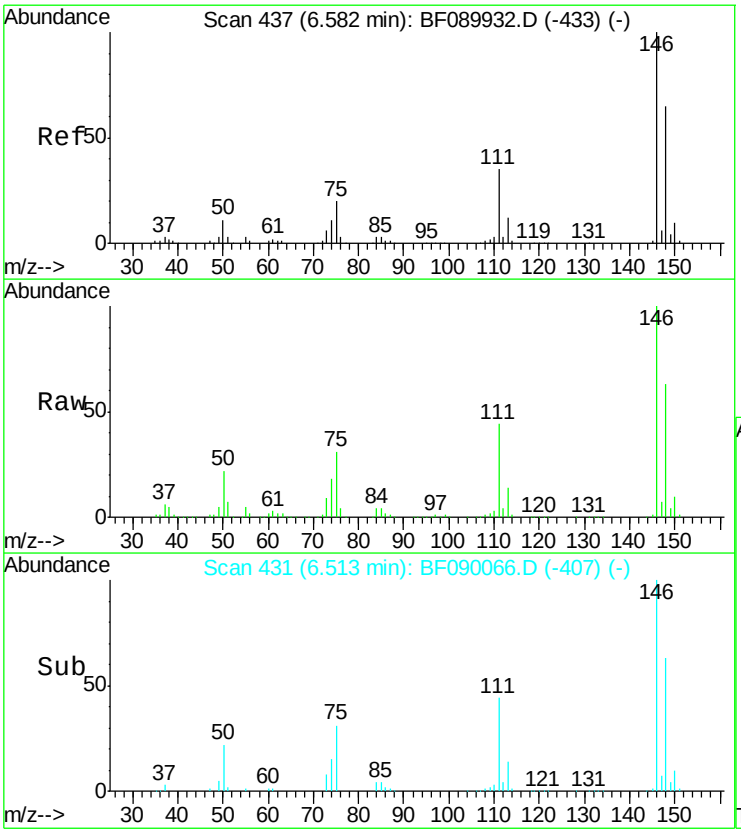

#11
bis(2-Chloroethyl)ether
Concen: 45.93 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 93 Resp: 562851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.5 | 71.1 | 111.1 |
| 95 | 32.4 | 12.4 | 52.4 |

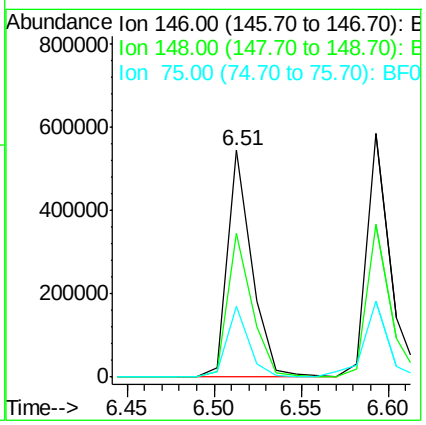


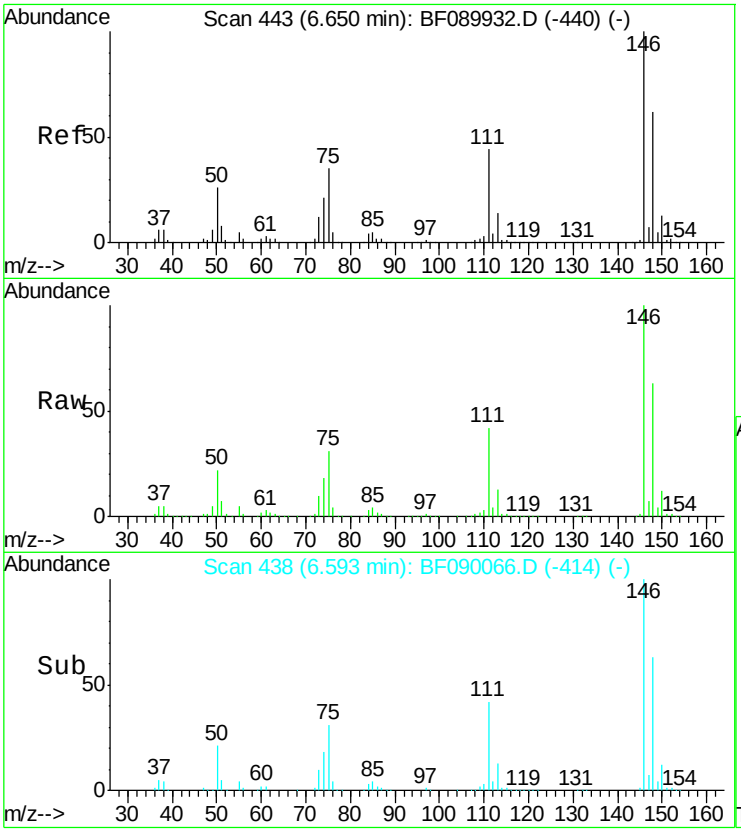




#12
1,3-Dichlorobenzene
Concen: 38.47 ng m
RT: 6.51 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:146 Resp: 534159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 52.5 | 78.7 |
| 75 | 31.5 | 16.6 | 24.8# |



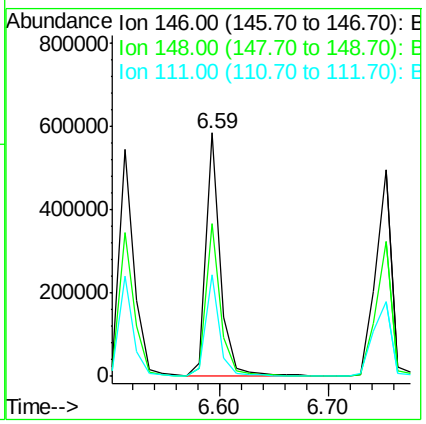


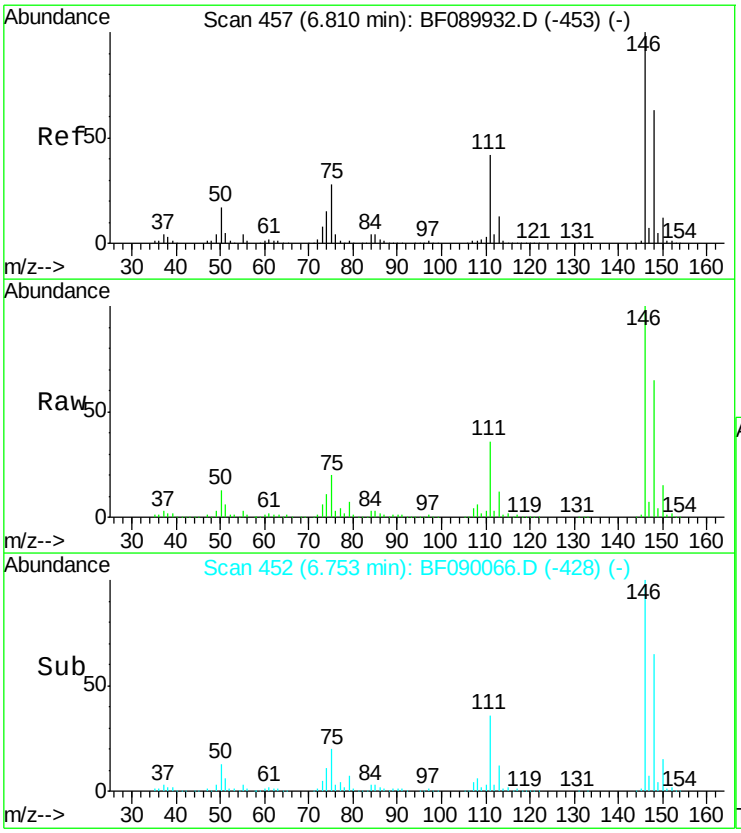

#13
1,4-Dichlorobenzene
Concen: 38.94 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:146 Resp: 553234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.1 | 75.1 |
| 111 | 41.8 | 35.8 | 53.6 |

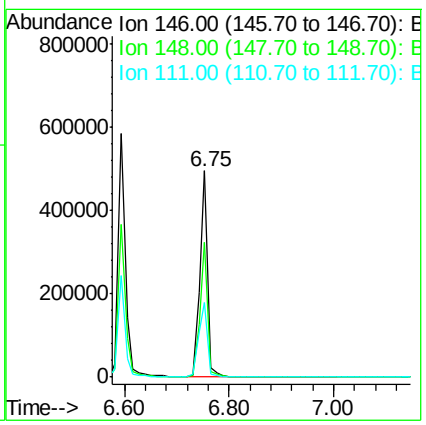


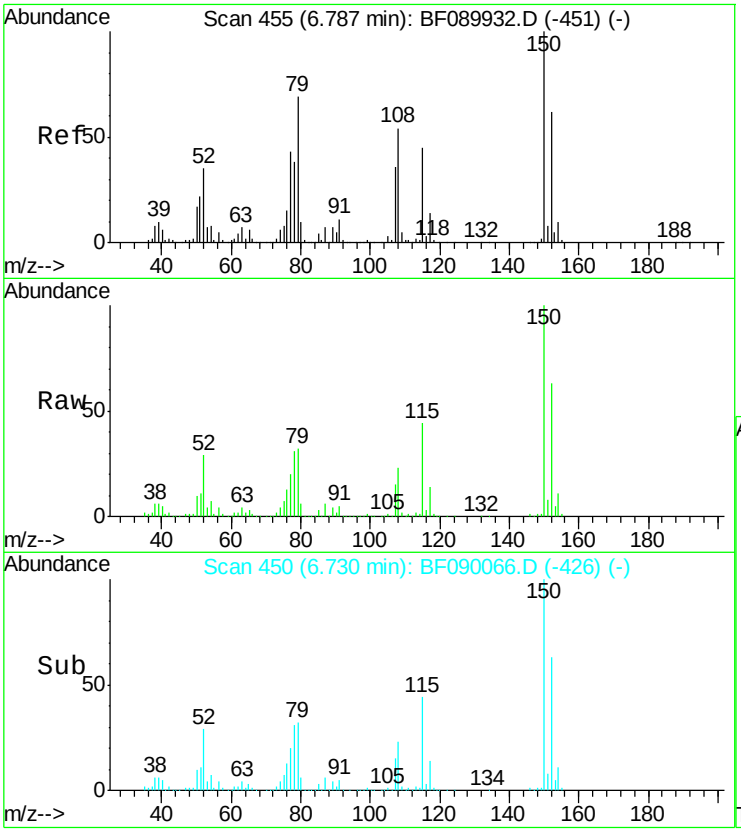




#14
1,2-Dichlorobenzene
Concen: 40.37 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:146 Resp: 514190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.4 | 77.2 |
| 111 | 36.5 | 34.6 | 51.8 |



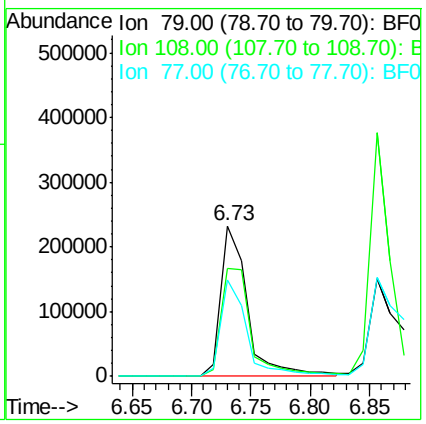


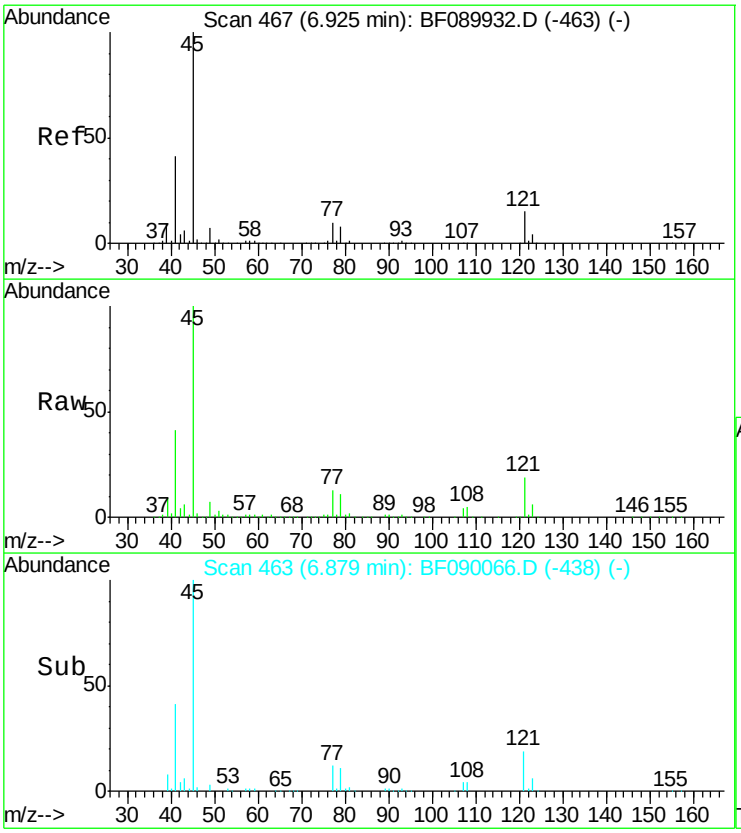

#15
Benzyl Alcohol
Concen: 41.50 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 79 Resp: 362053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.1 | 62.1 | 93.1 |
| 77 | 63.8 | 50.1 | 75.1 |

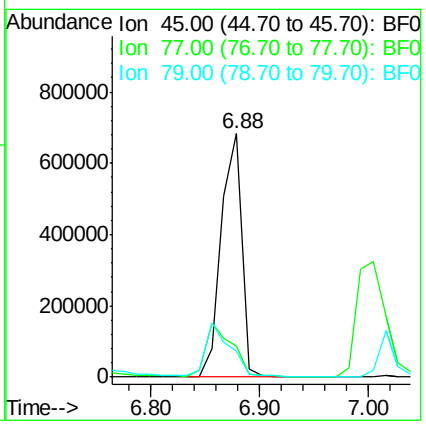


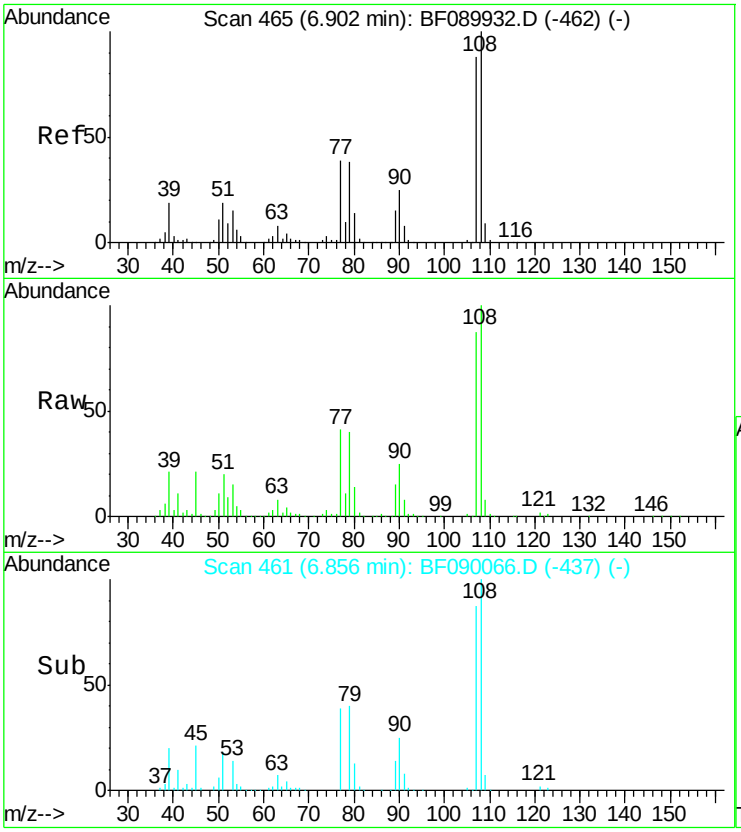




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.43 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 45 Resp: 897881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.7 | 0.0 | 30.3 |
| 79 | 10.6 | 0.0 | 27.5 |



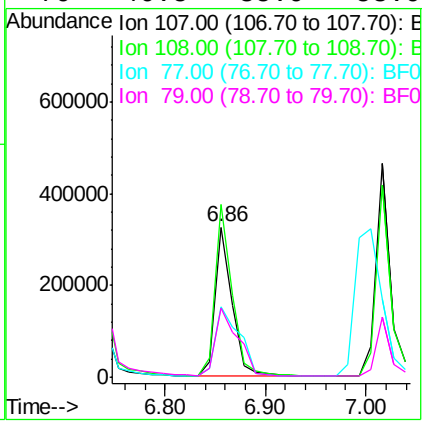


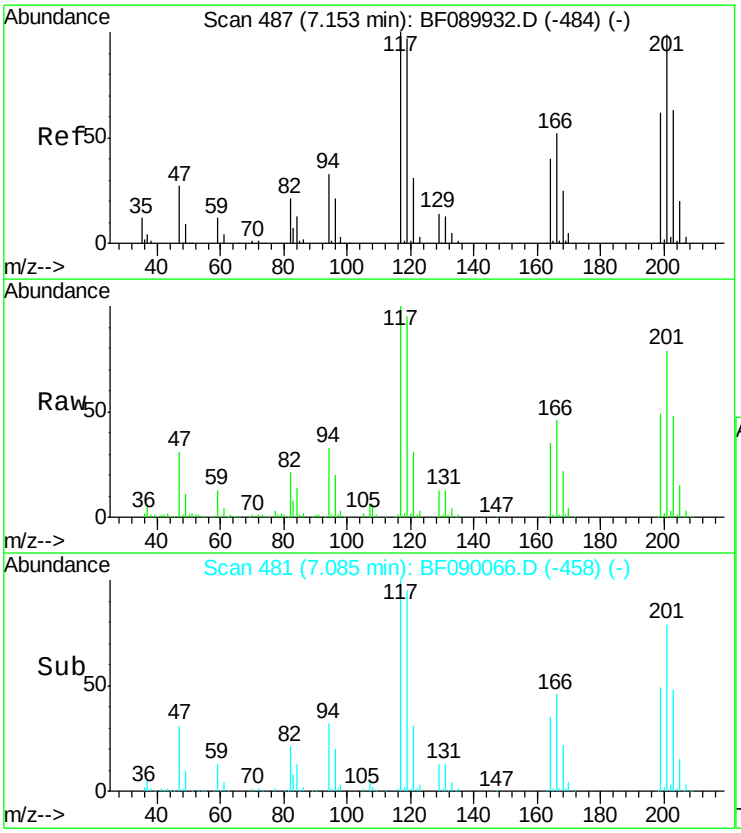

#17
2-Methylphenol
Concen: 38.54 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:107 Resp: 382714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.2 | 91.8 | 137.6 |
| 77 | 47.1 | 36.0 | 54.0 |
| 79 | 46.5 | 35.9 | 53.9 |

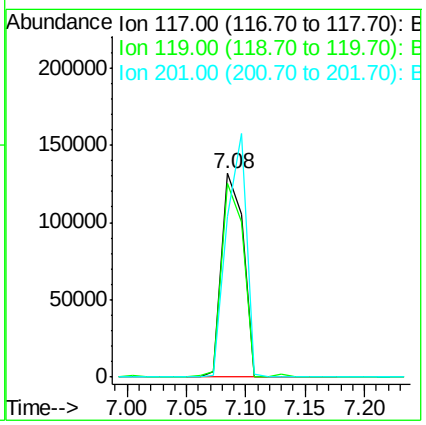


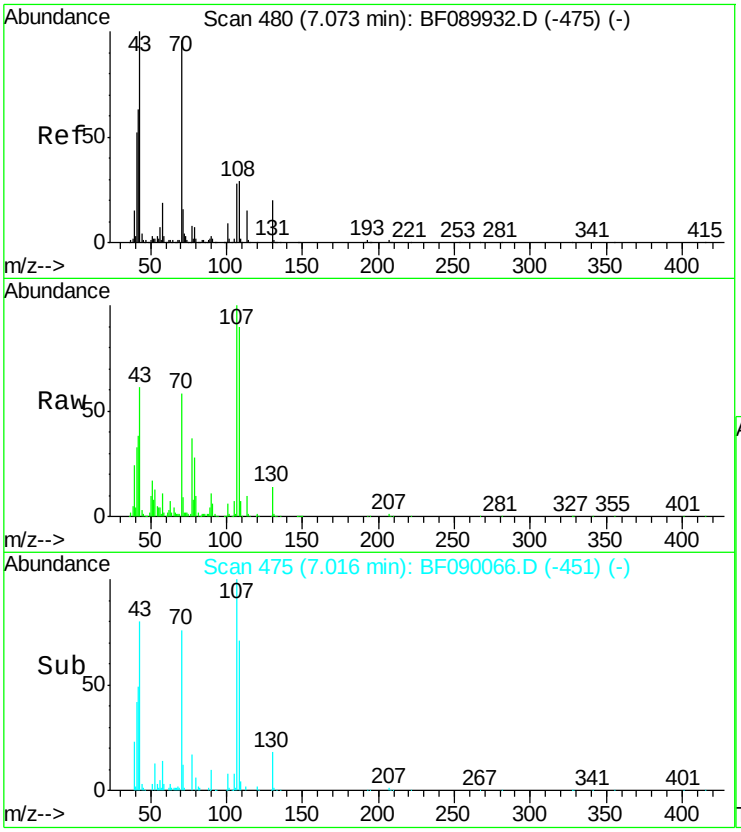




#18
Hexachloroethane
Concen: 34.19 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:117 Resp: 166392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.9 | 76.2 | 114.2 |
| 201 | 78.5 | 80.2 | 120.2# |



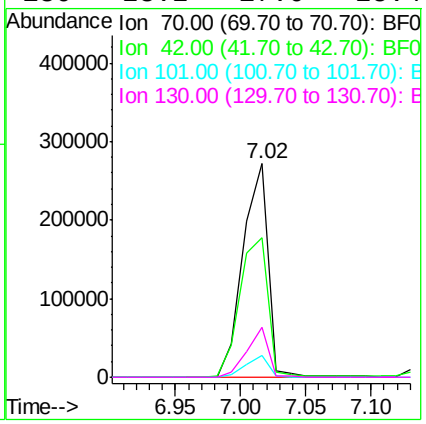


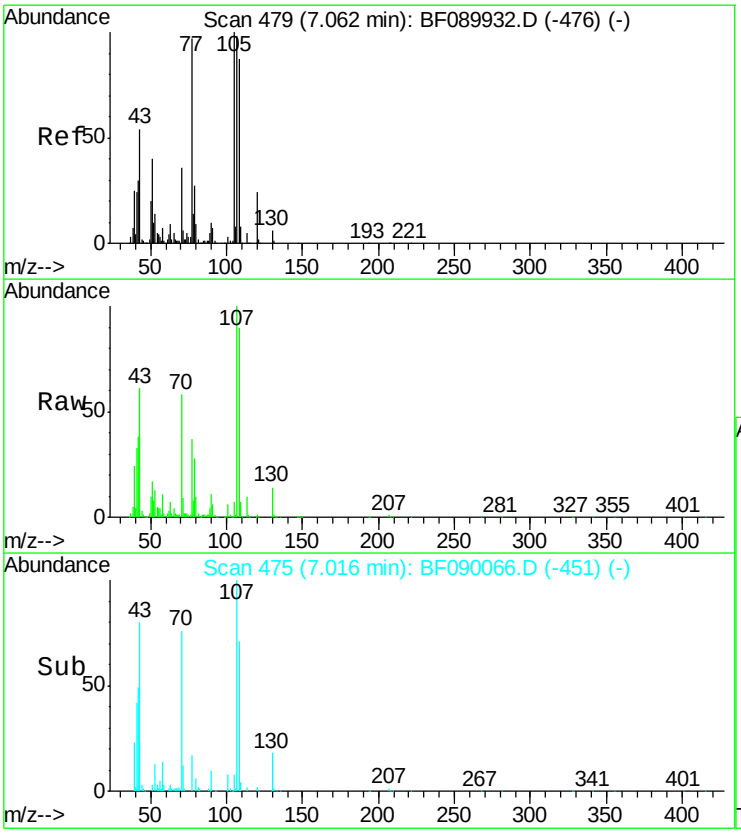

#19
n-Nitroso-di-n-propylamine
Concen: 40.08 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 70 Resp: 363738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.4 | 52.1 | 78.1 |
| 101 | 10.2 | 7.4 | 11.2 |
| 130 | 23.2 | 17.0 | 25.4 |

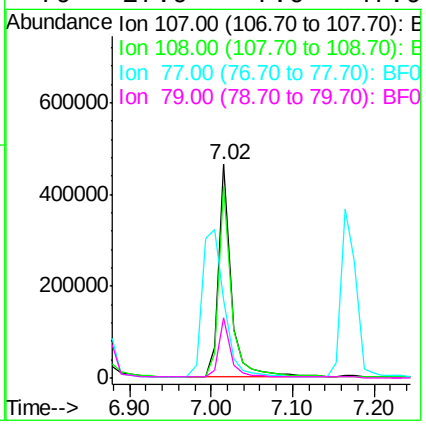


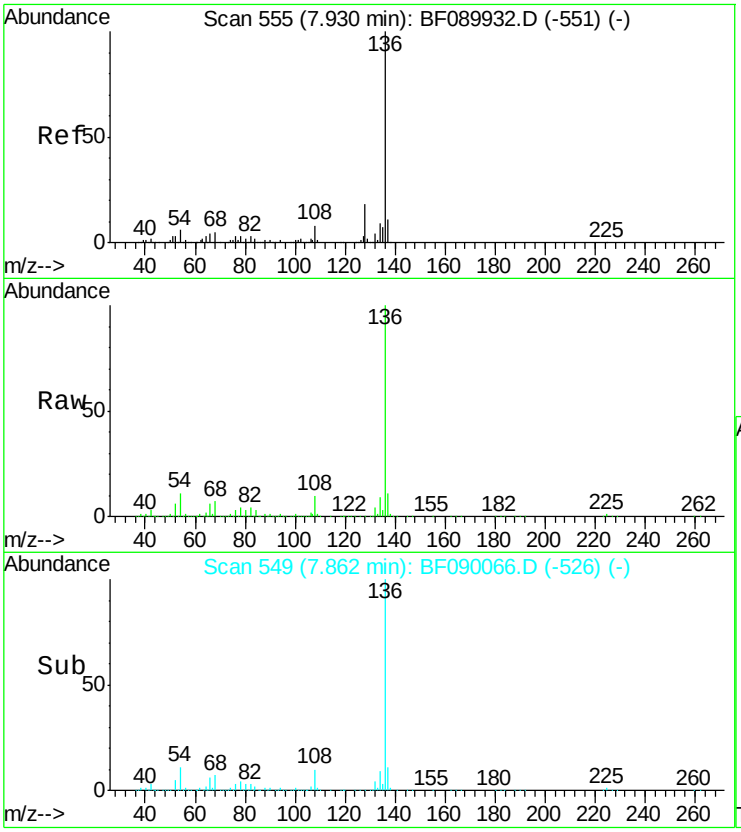




#20
3+4-Methylphenols
Concen: 41.39 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:107 Resp: 498214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 70.2 | 110.2 |
| 77 | 36.6 | 75.7 | 115.7# |
| 79 | 27.9 | 7.0 | 47.0 |



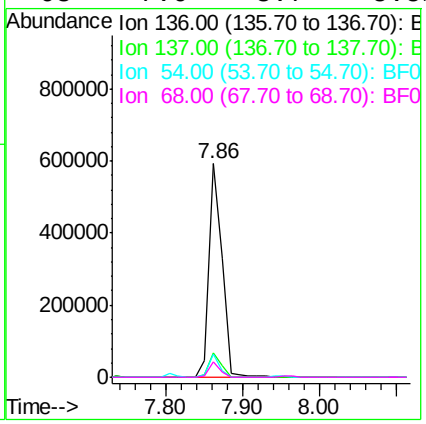


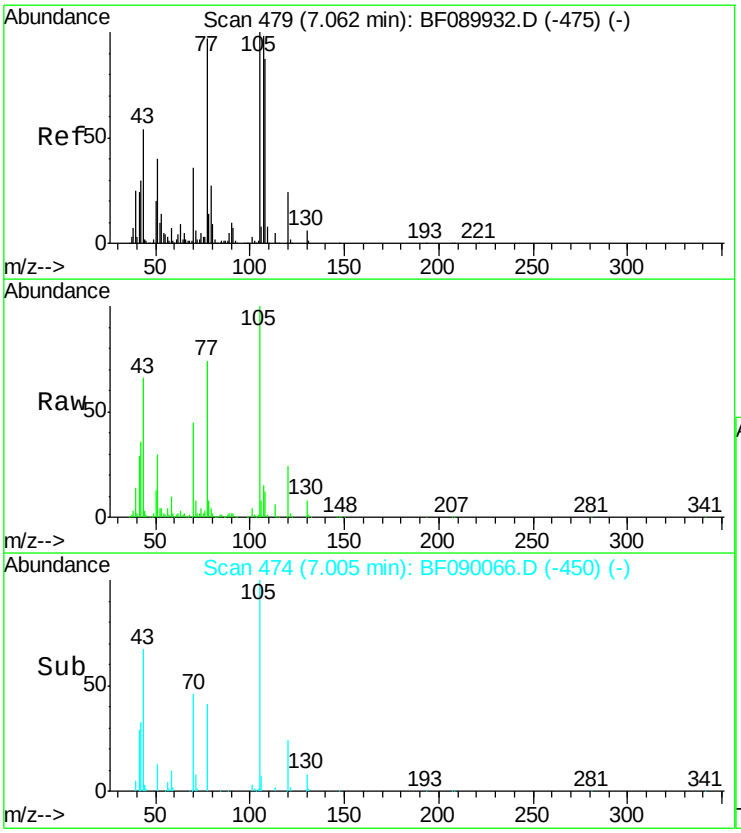

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:136 Resp: 690002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.3 | 12.5 |
| 54 | 10.7 | 4.8 | 7.2# |
| 68 | 7.0 | 3.7 | 5.5# |

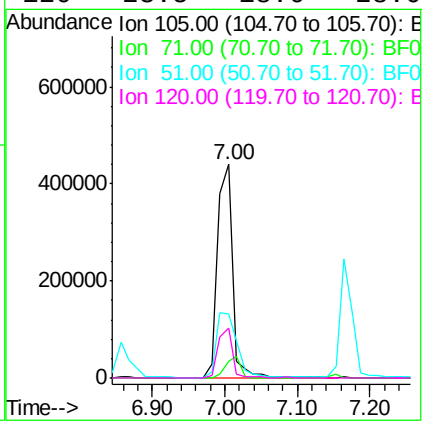


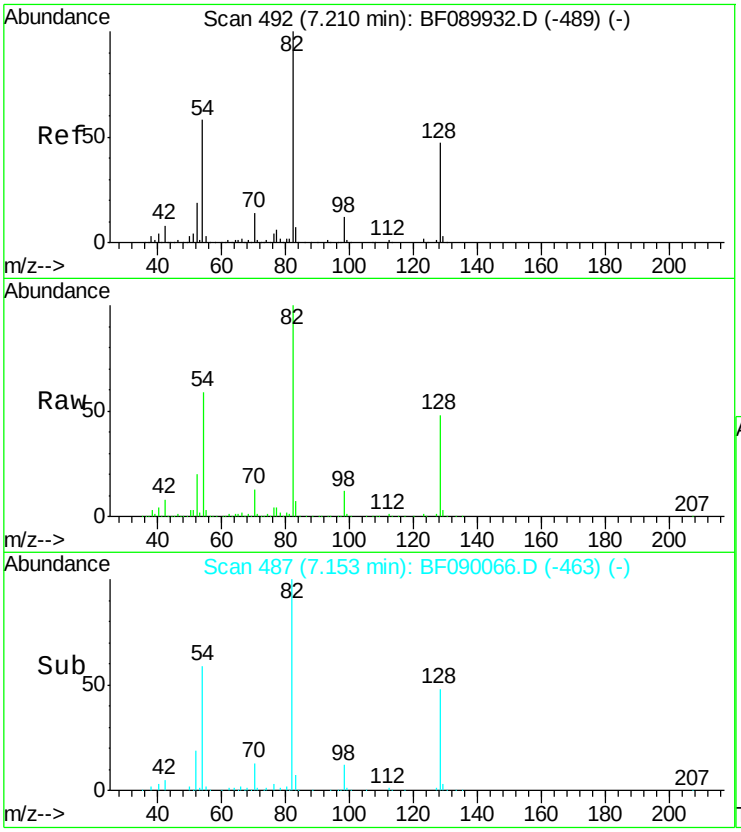




#22
Acetophenone
Concen: 41.56 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:105 Resp: 643308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.8 | 5.3 | 7.9 |
| 51 | 30.2 | 32.6 | 48.8# |
| 120 | 23.5 | 18.6 | 28.0 |



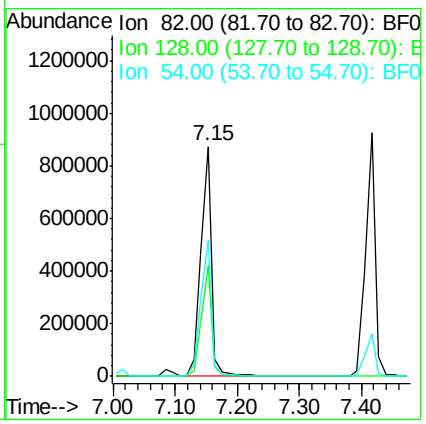


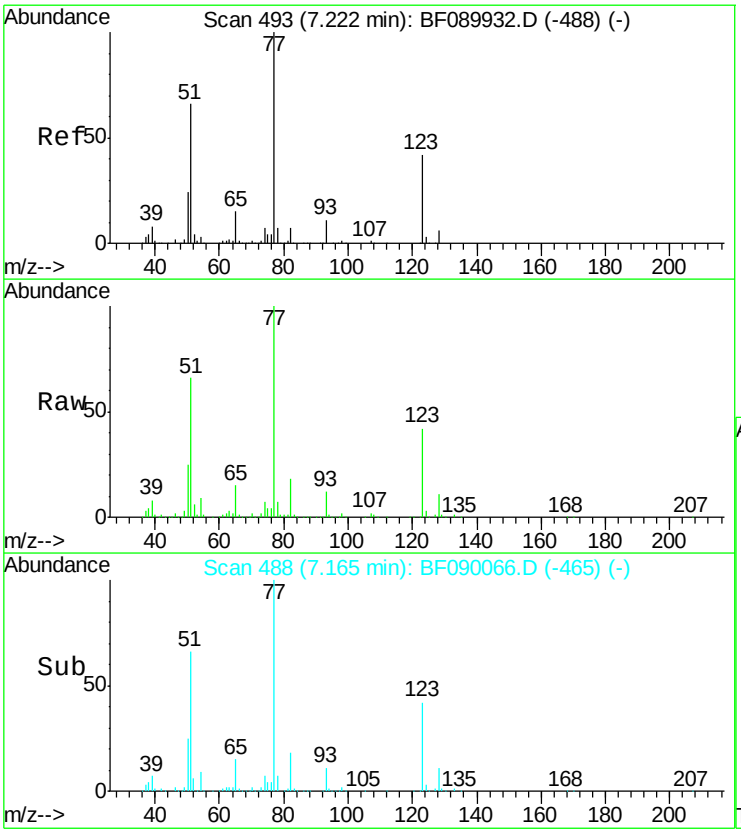

#23
Nitrobenzene-d5
Concen: 88.36 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 82 Resp: 1051204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.1 | 37.8 | 56.8 |
| 54 | 59.3 | 46.9 | 70.3 |

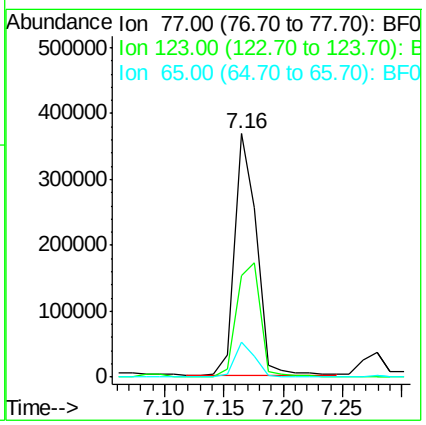


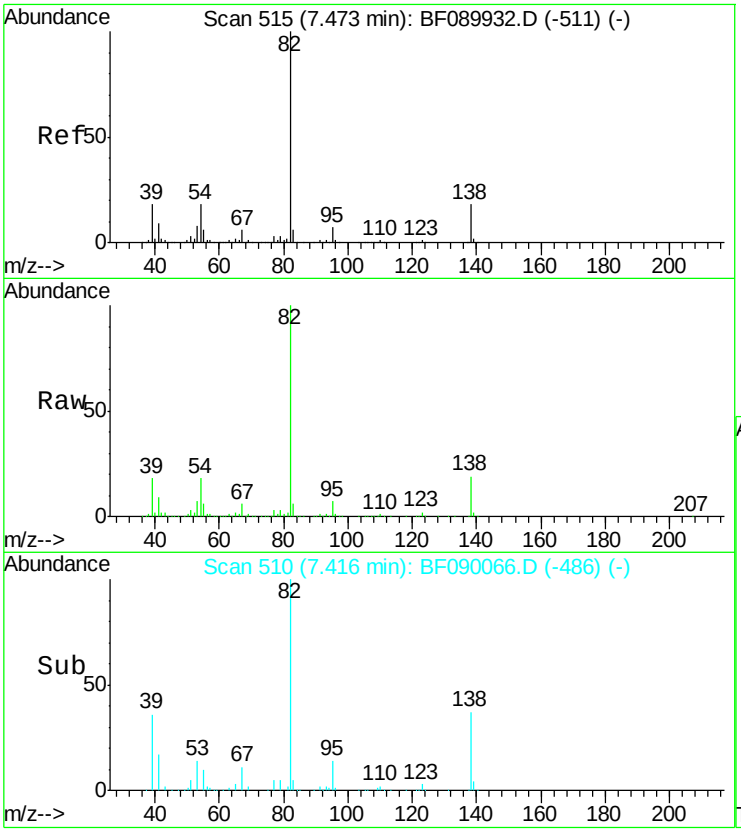




#24
Nitrobenzene
Concen: 37.87 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 77 Resp: 479029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.9 | 32.0 | 48.0 |
| 65 | 14.6 | 11.2 | 16.8 |



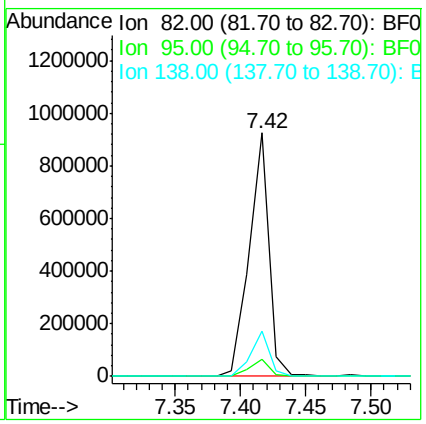


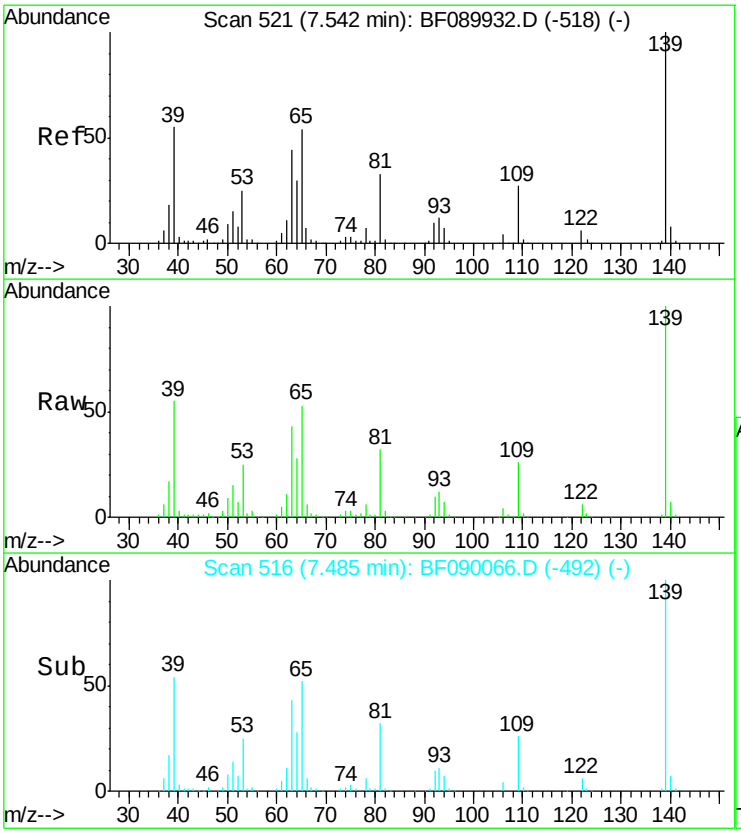

#25
Isophorone
Concen: 40.18 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 82 Resp: 972071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.5 | 8.3 |
| 138 | 18.5 | 14.4 | 21.6 |

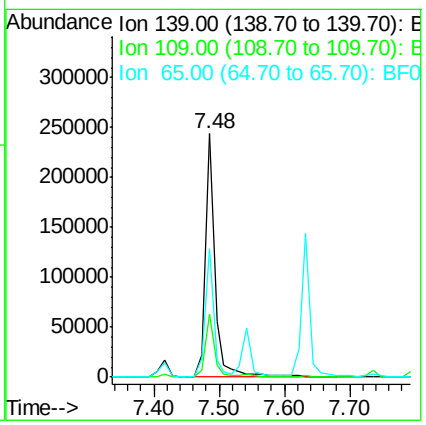


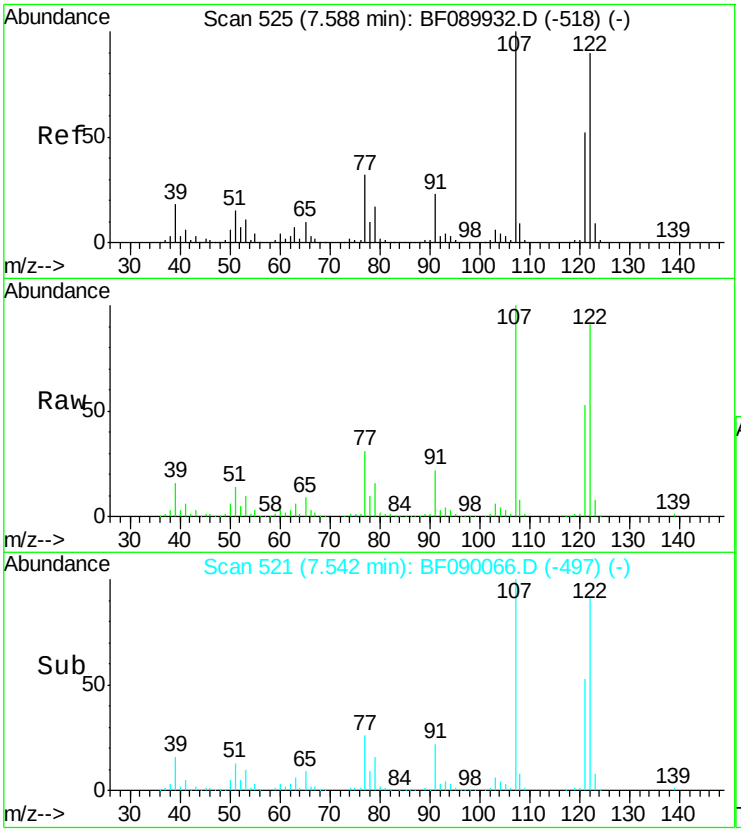




#26
2-Nitrophenol
Concen: 41.63 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:139 Resp: 251701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.8 | 21.0 | 31.4 |
| 65 | 52.6 | 43.4 | 65.0 |



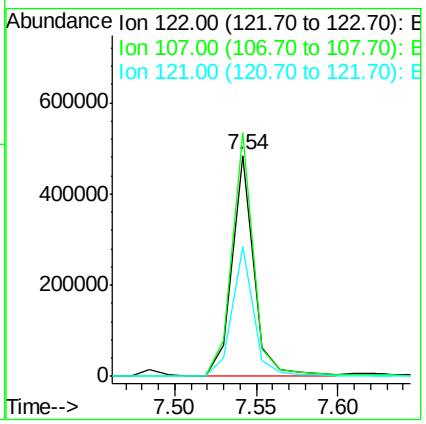


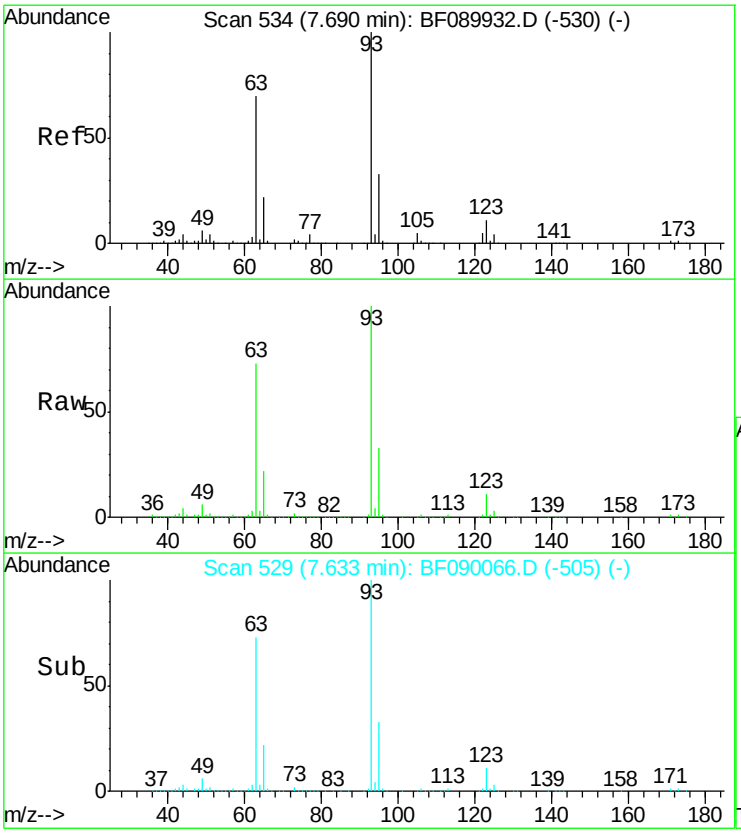

#27
2,4-Dimethylphenol
Concen: 39.37 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:122 Resp: 440297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.4 | 88.5 | 132.7 |
| 121 | 58.8 | 46.0 | 69.0 |

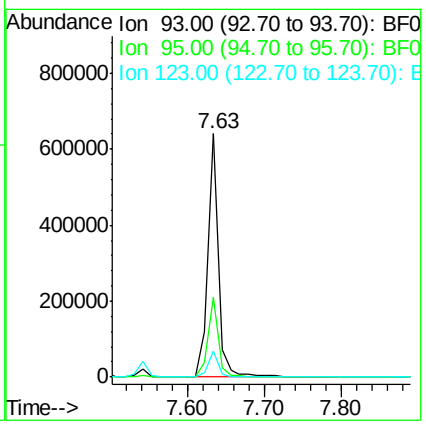


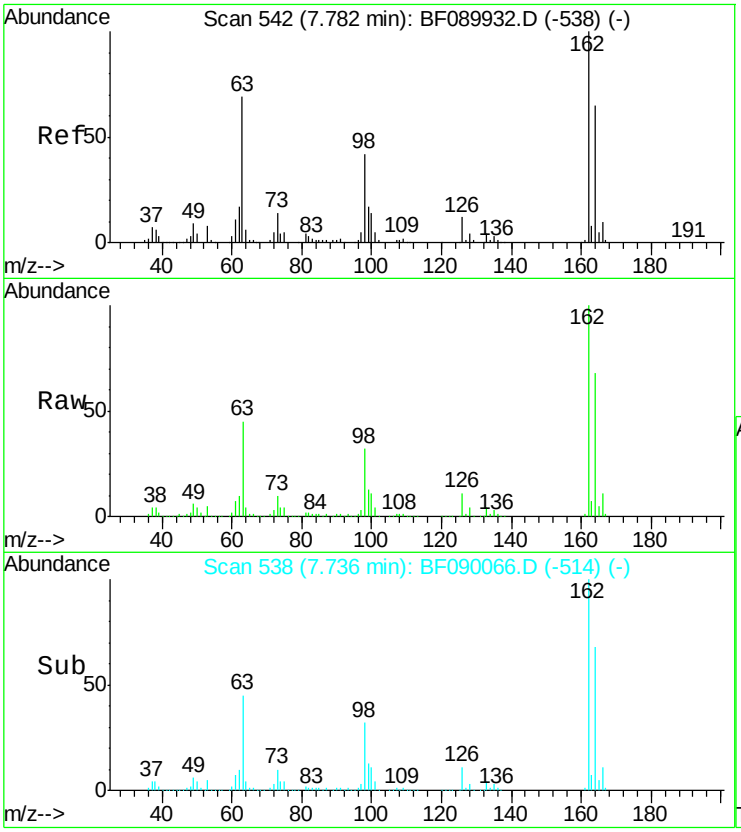




#28
bis(2-Chloroethoxy)methane
Concen: 41.66 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 93 Resp: 607971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.6 | 40.0 |
| 123 | 10.6 | 9.1 | 13.7 |



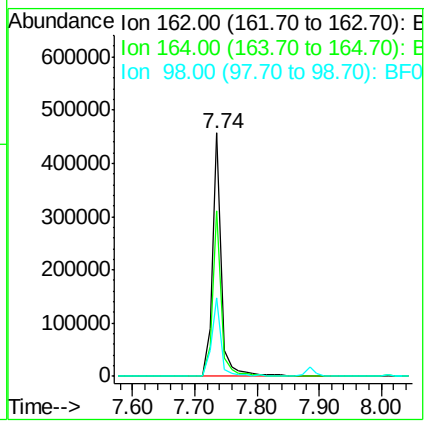


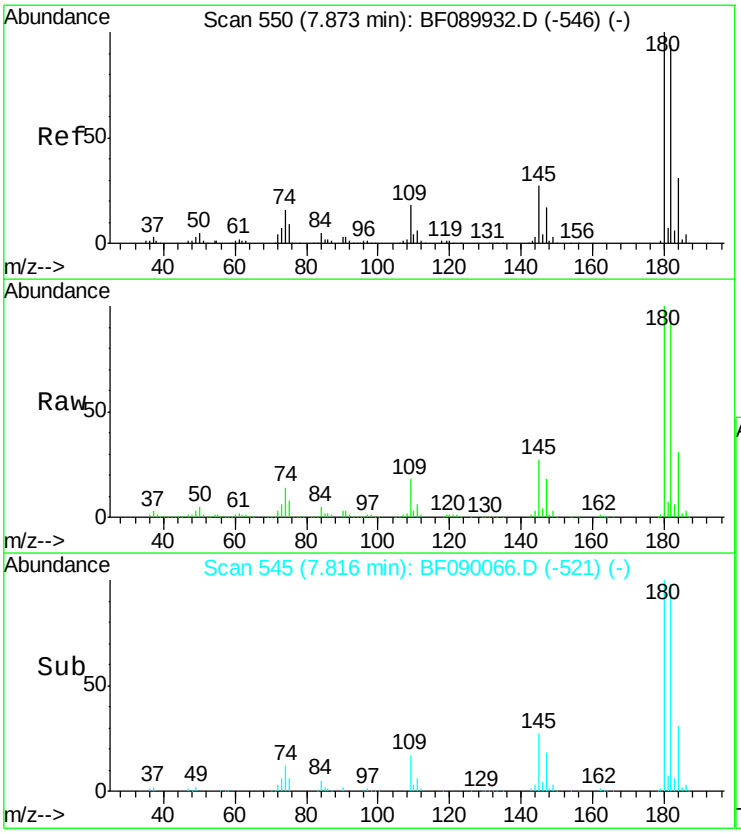

#29
2,4-Dichlorophenol
Concen: 44.97 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:162 Resp: 450945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.8 | 46.6 | 86.6 |
| 98 | 32.4 | 22.0 | 62.0 |

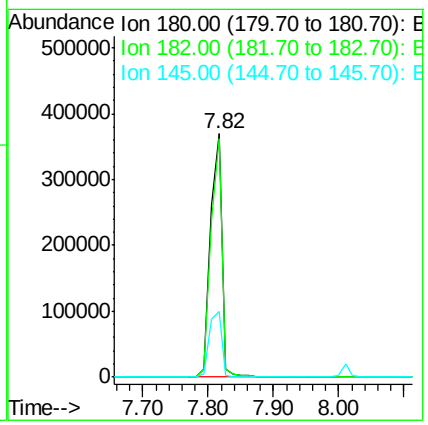


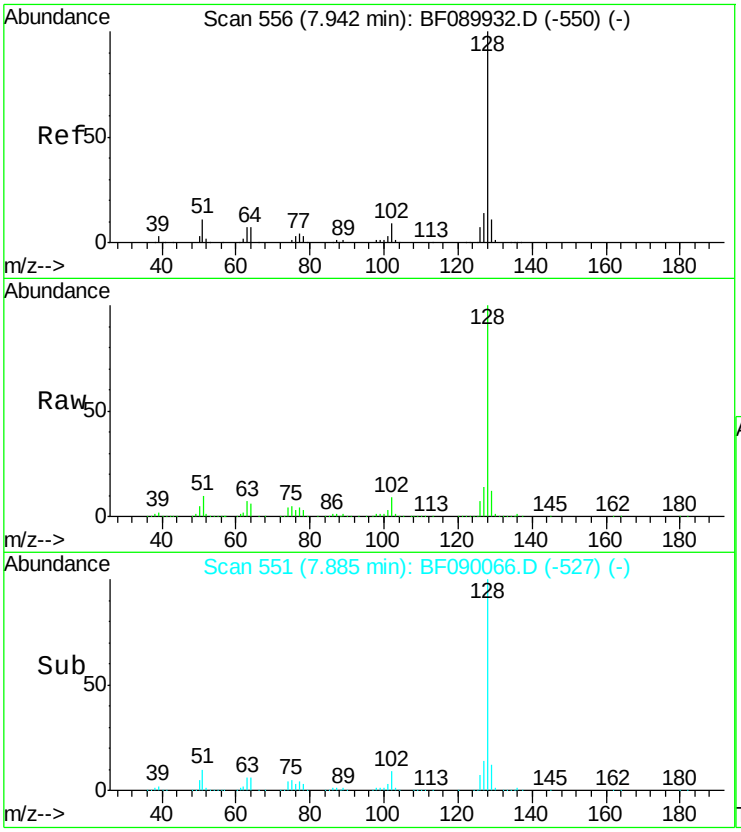




#30
1,2,4-Trichlorobenzene
Concen: 42.17 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:180 Resp: 462296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.8 | 76.2 | 114.2 |
| 145 | 27.2 | 22.2 | 33.4 |



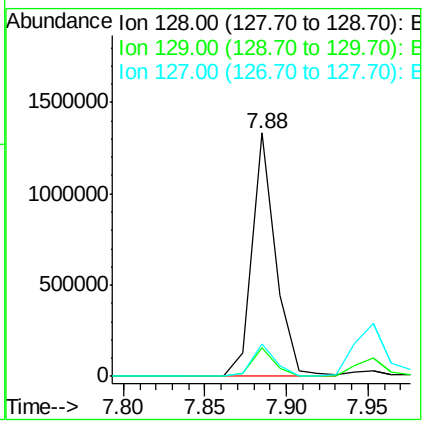


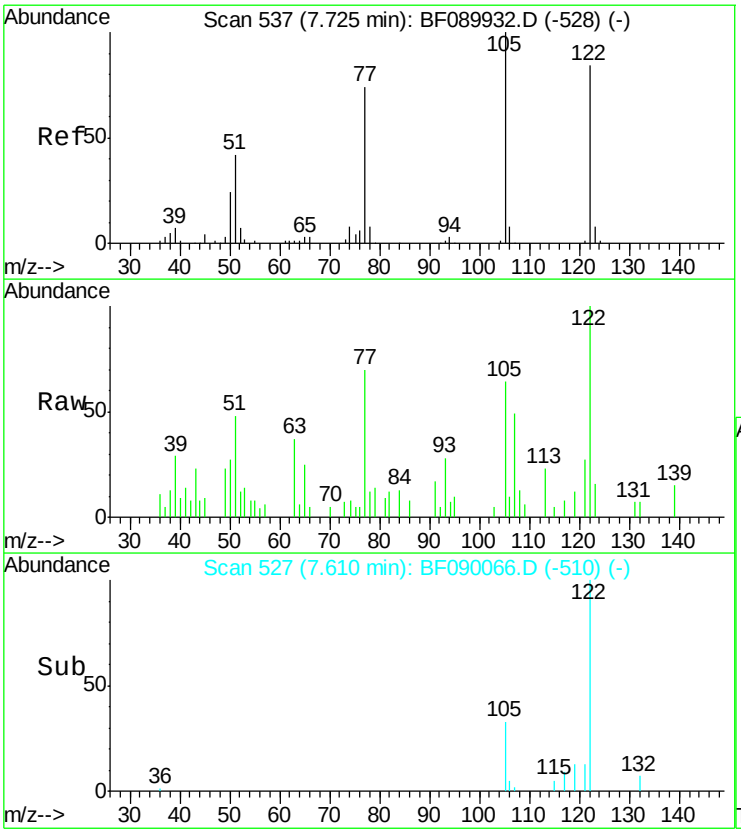

#31
Naphthalene
Concen:  39.15 ng
RT: 7.88 min  Scan# 551
Delta R.T.  -0.02 min
Lab File:  BF090066.D
Acq: 12 Sep 2016  16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:128 Resp: 1345800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.4 | 14.0 |
| 127 | 13.6 | 10.7 | 16.1 |

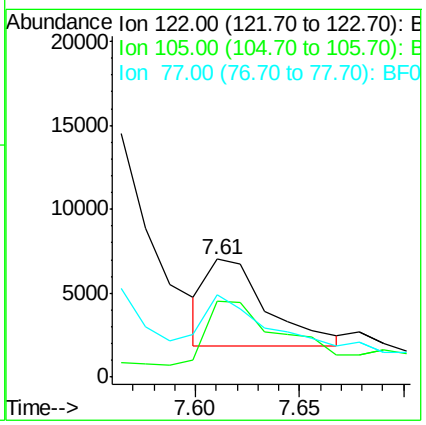


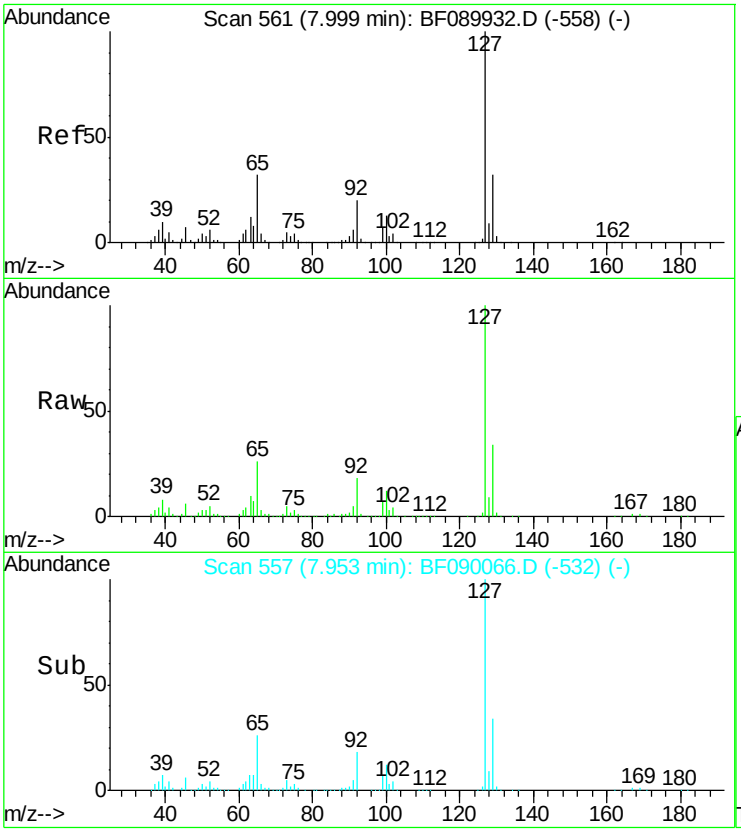




#32
Benzoic acid
Concen:  1.36 ng  m
RT: 7.61 min  Scan# 527
Delta R.T.  -0.10 min
Lab File:  BF090066.D
Acq: 12 Sep 2016  16:31

Tgt Ion:122 Resp:  10265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 64.5 | 102.2 | 142.2# |
| 77 | 69.6 | 74.1 | 114.1# |



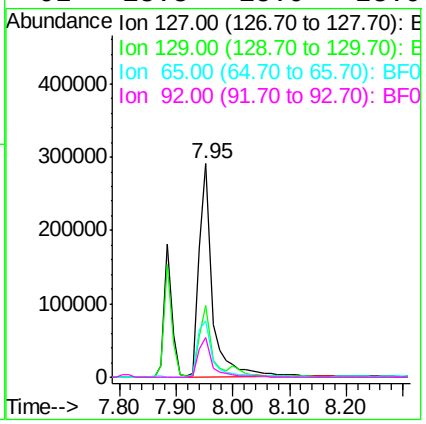


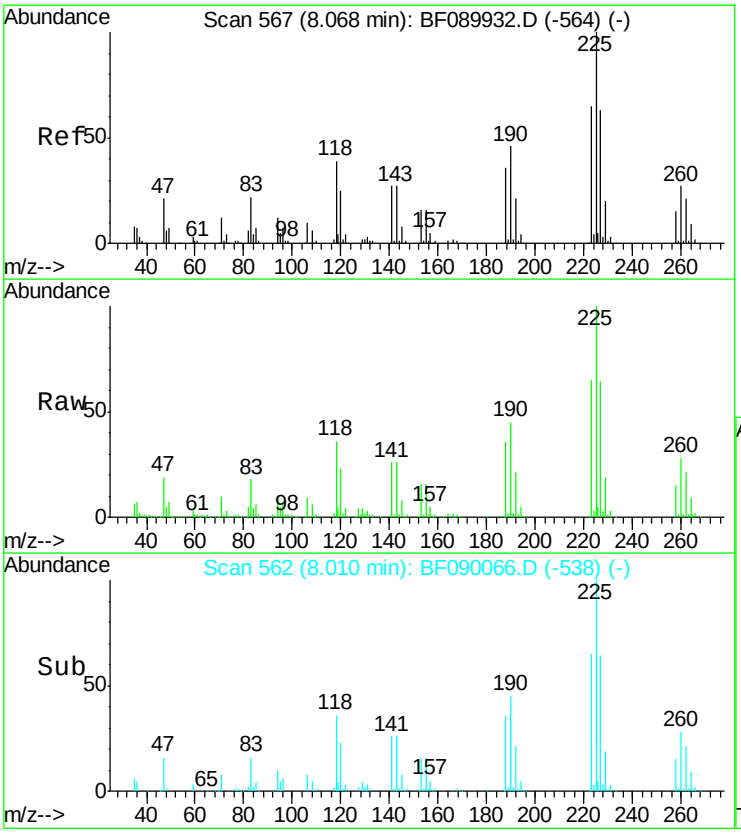

#33
4-Chloroaniline
Concen: 33.32 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:127 Resp: 462130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.6 | 25.9 | 38.9 |
| 65 | 26.4 | 26.0 | 39.0 |
| 92 | 18.3 | 15.9 | 23.9 |

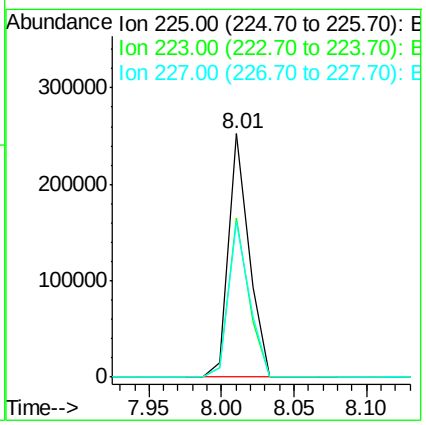


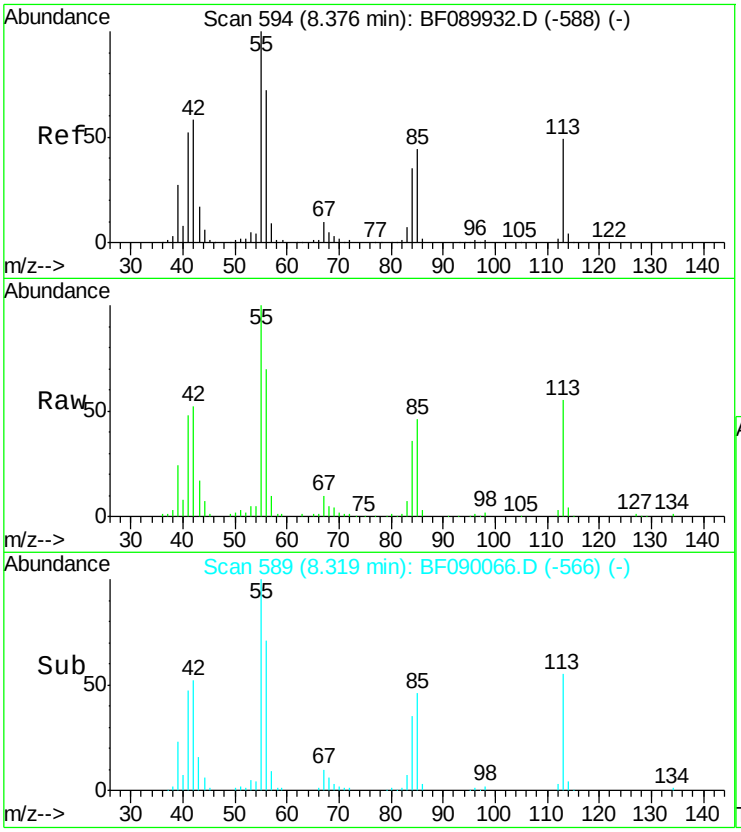




#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:225 Resp: 249533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 52.6 | 78.8 |
| 227 | 63.8 | 50.8 | 76.2 |



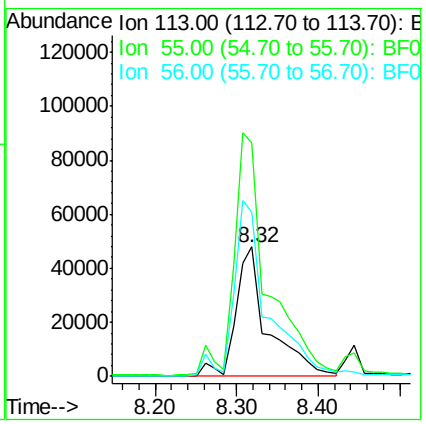


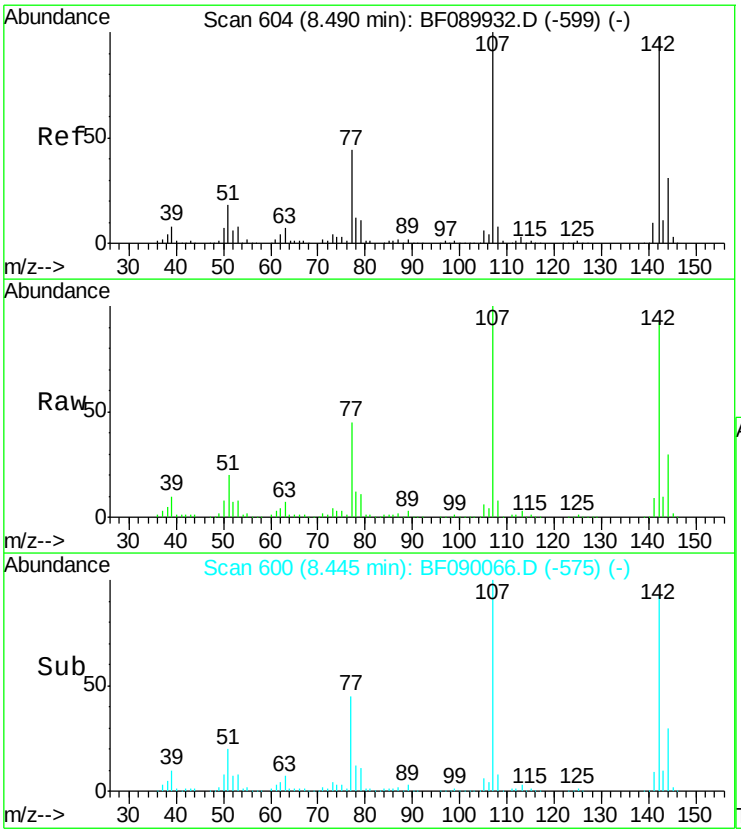

#35
Caprolactam
Concen: 41.33 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:113 Resp: 130810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 180.8 | 178.5 | 218.5 |
| 56 | 127.0 | 122.7 | 162.7 |

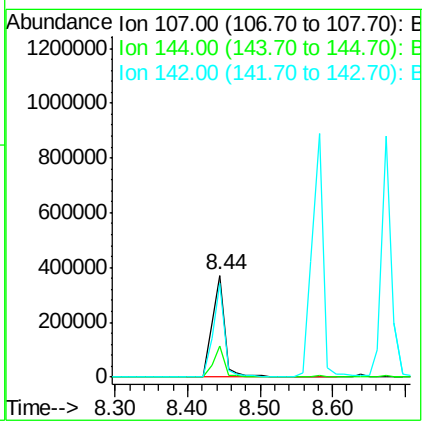


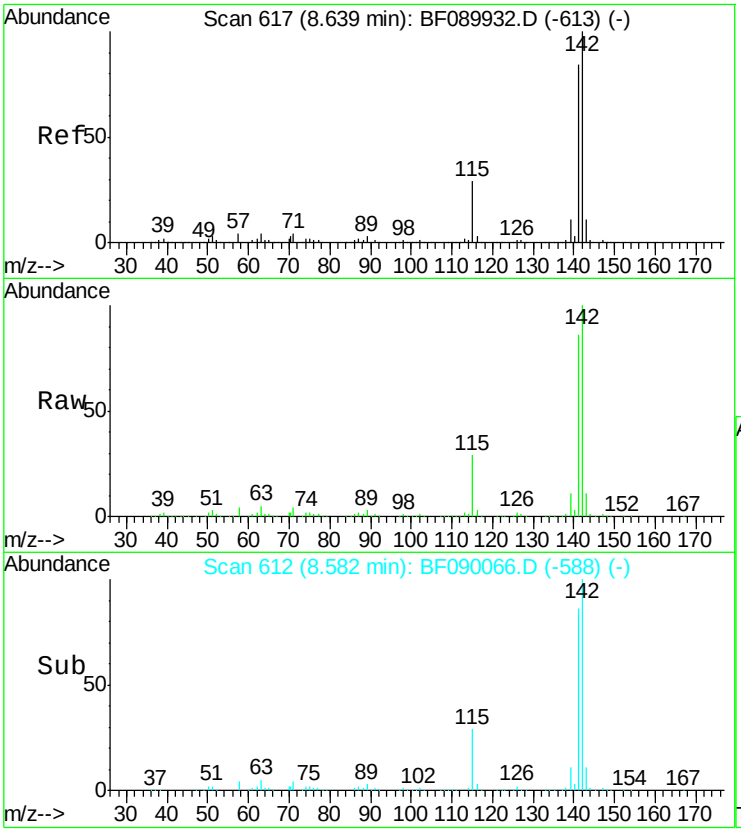




#36
4-Chloro-3-methylphenol
Concen: 41.90 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:107 Resp: 444911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 30.1 | 25.8 | 38.8 |
| 142 | 92.8 | 79.2 | 118.8 |



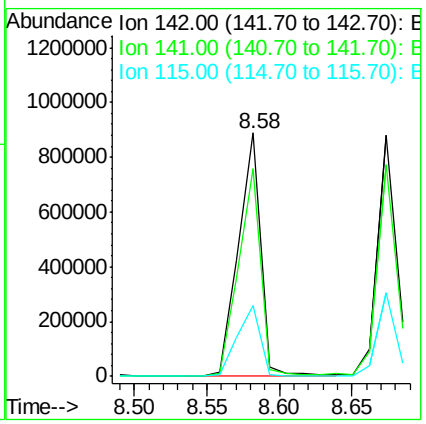


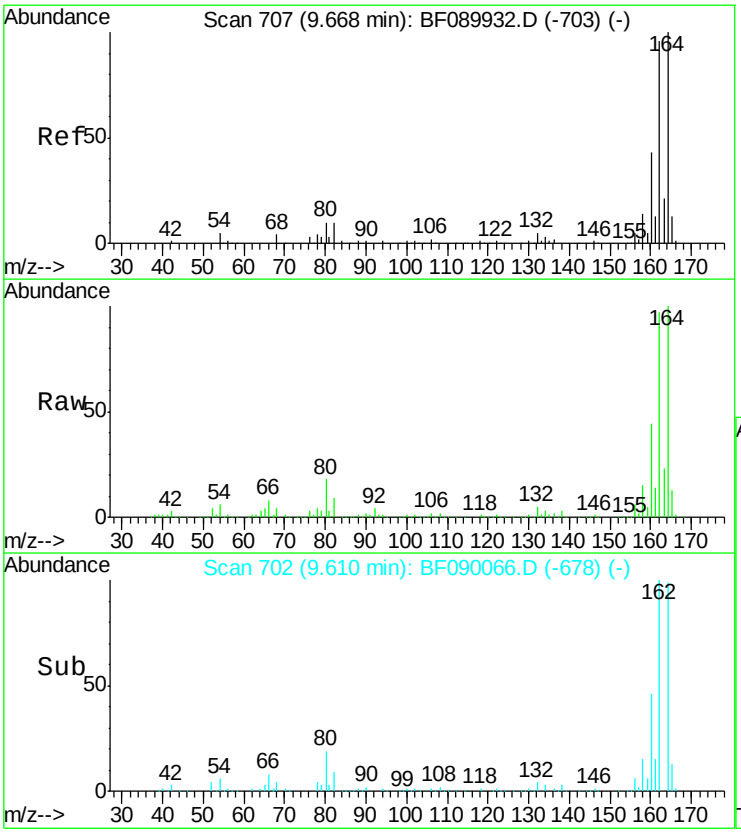

#37
2-Methylnaphthalene
Concen: 41.86 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:142 Resp: 950946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.6 | 68.3 | 102.5 |
| 115 | 29.3 | 23.8 | 35.8 |

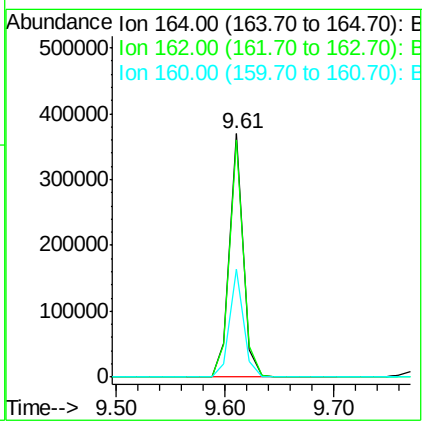


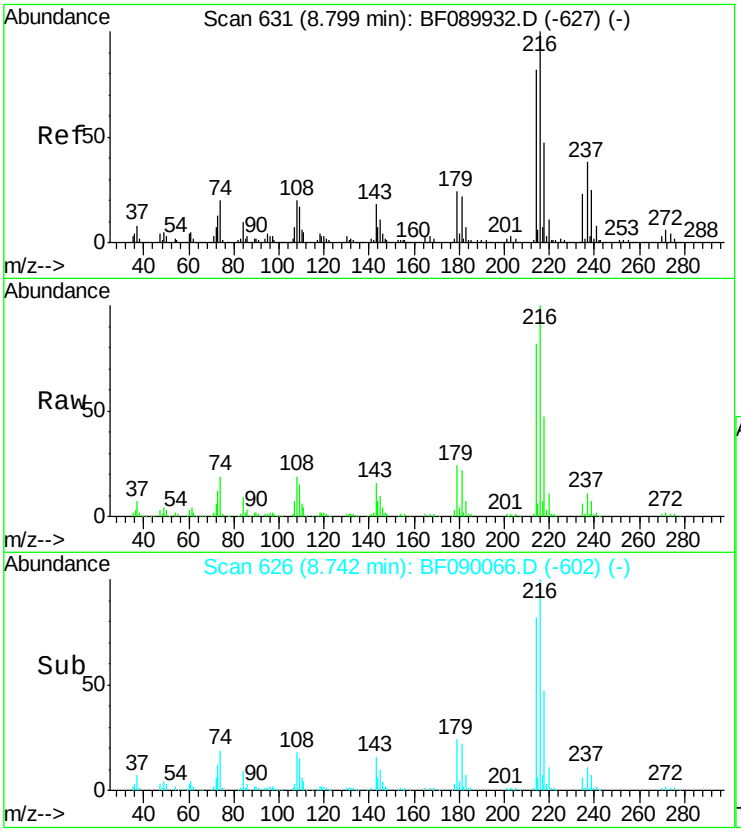




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:164 Resp: 321953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 77.1 | 115.7 |
| 160 | 44.4 | 35.3 | 52.9 |



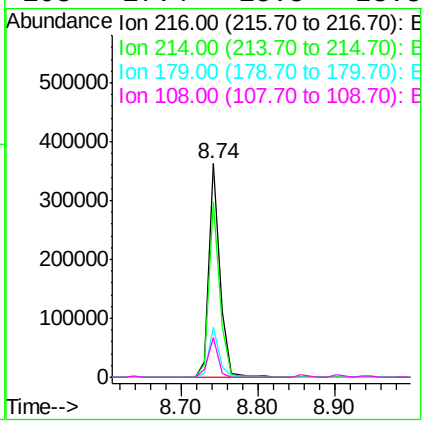


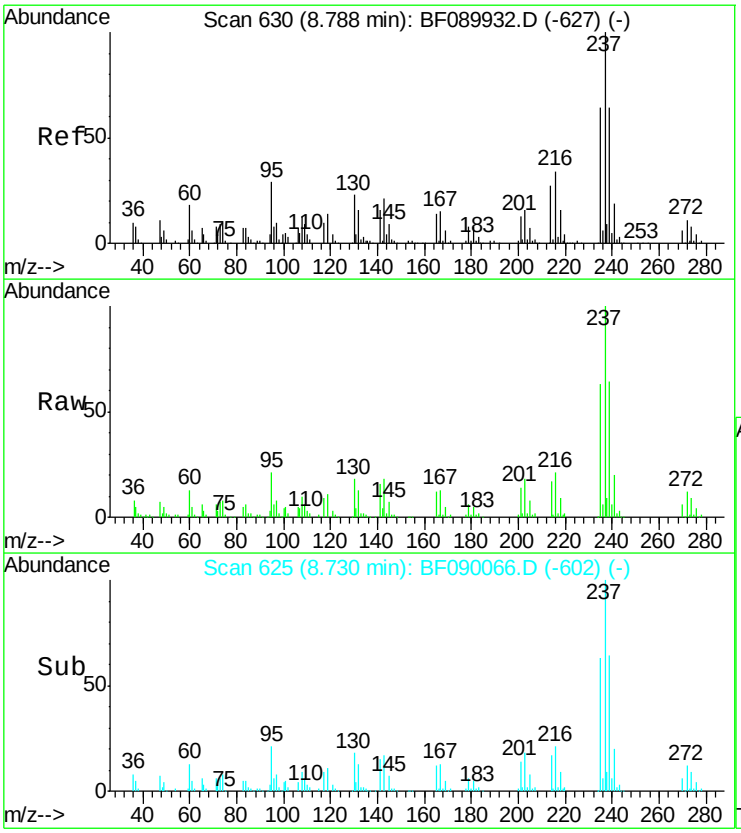

#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.89 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:216 Resp: 357398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.8 | 63.4 | 95.2 |
| 179 | 21.6 | 17.3 | 25.9 |
| 108 | 17.4 | 15.5 | 23.3 |

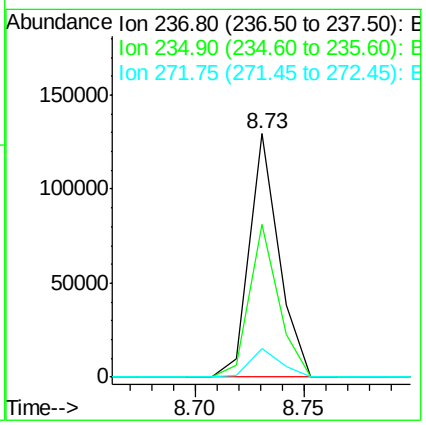


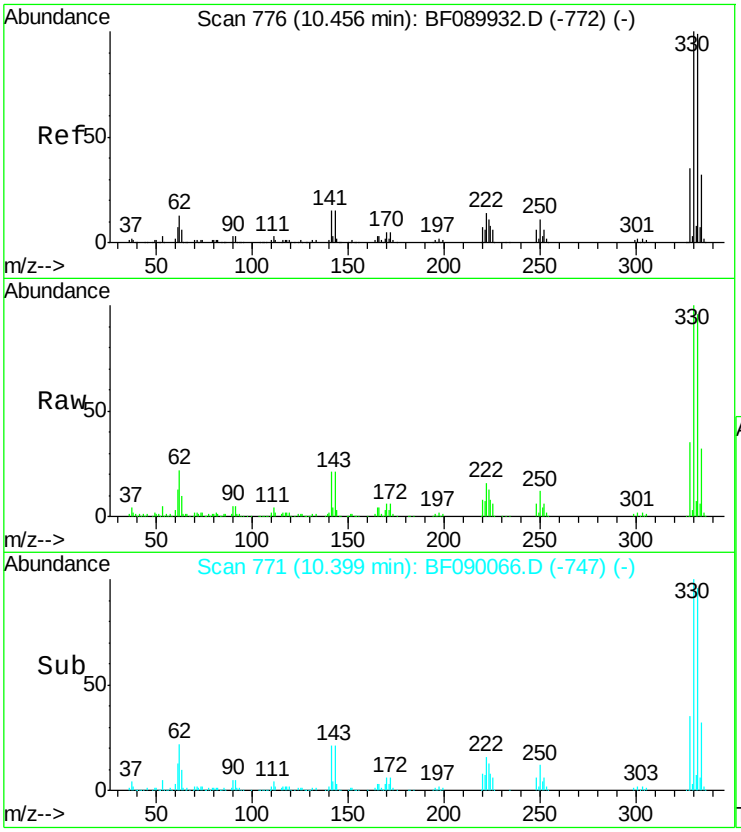




#40
Hexachlorocyclopentadiene
Concen: 25.21 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:237 Resp: 121899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 39.6 | 79.6 |
| 272 | 11.9 | 0.0 | 34.6 |



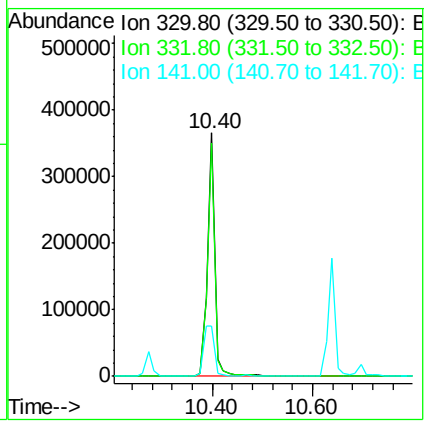


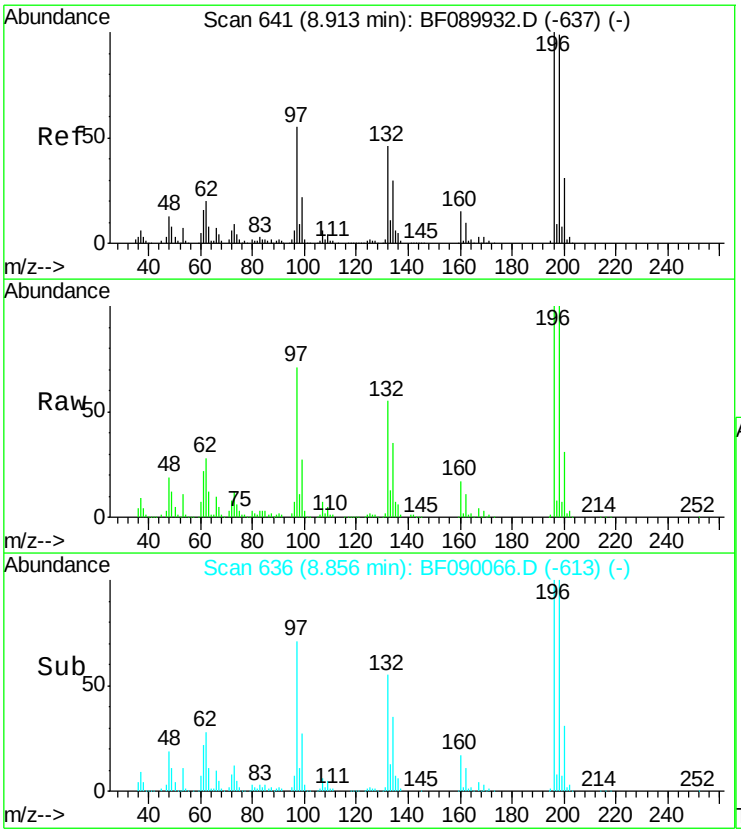

#41
2,4,6-Tribromophenol
Concen: 118.58 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:330 Resp: 376640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 78.6 | 117.8 |
| 141 | 29.8 | 23.3 | 34.9 |

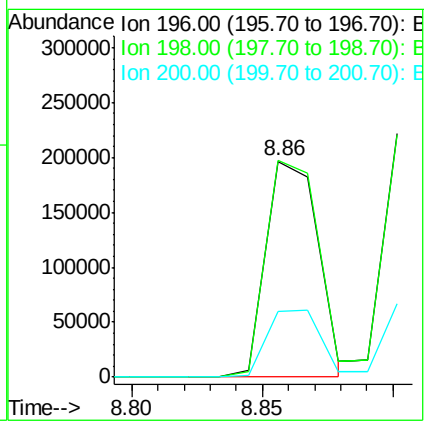


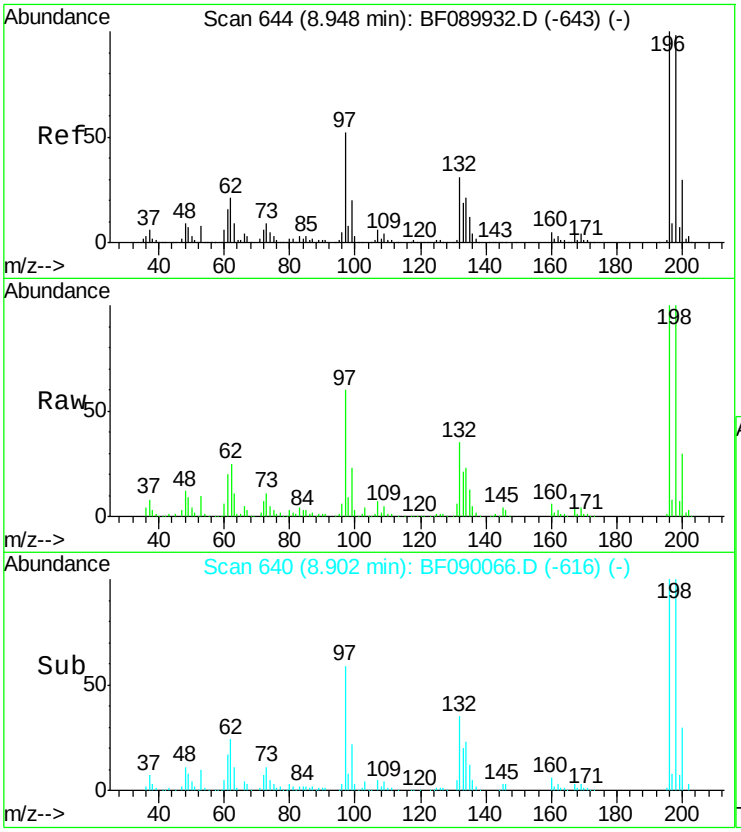




#42
2,4,6-Trichlorophenol
Concen: 41.76 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:196 Resp: 272961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.1 | 78.3 | 117.5 |
| 200 | 30.7 | 24.8 | 37.2 |



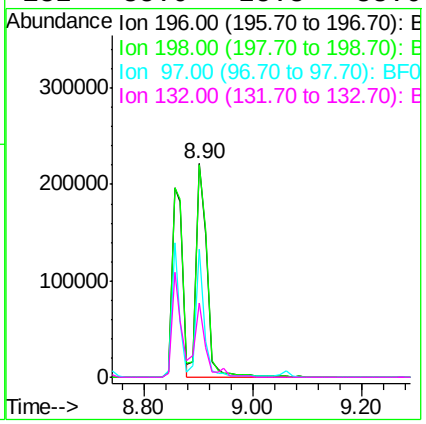


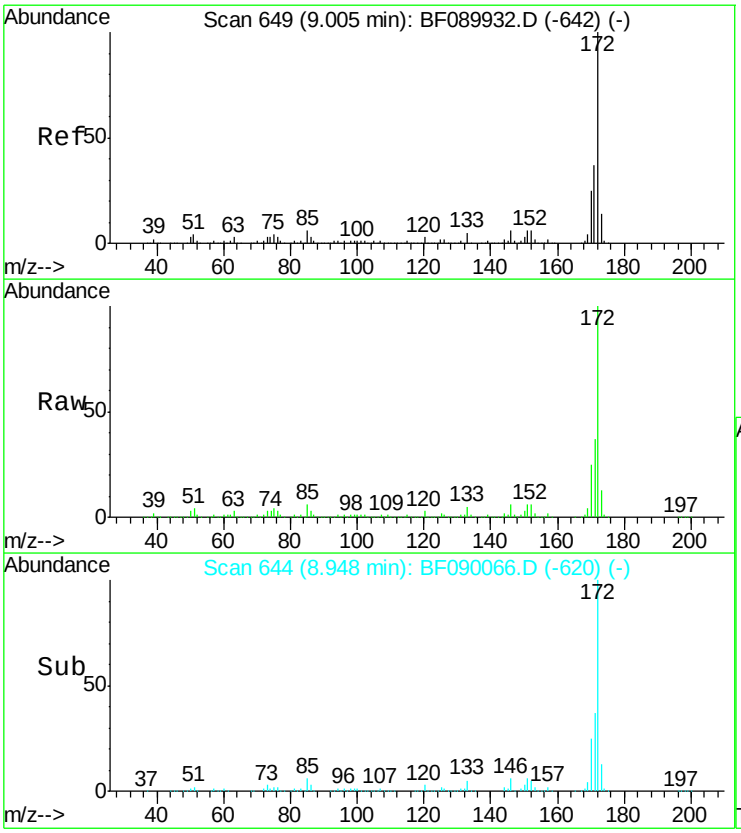

#43
2,4,5-Trichlorophenol
Concen: 47.10 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:196 Resp: 296019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.6 | 80.8 | 121.2 |
| 97 | 59.9 | 44.2 | 66.4 |
| 132 | 35.0 | 25.8 | 38.6 |

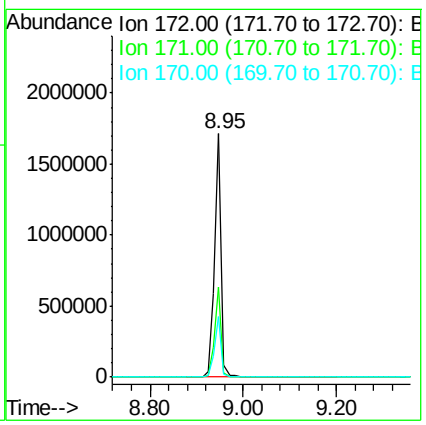


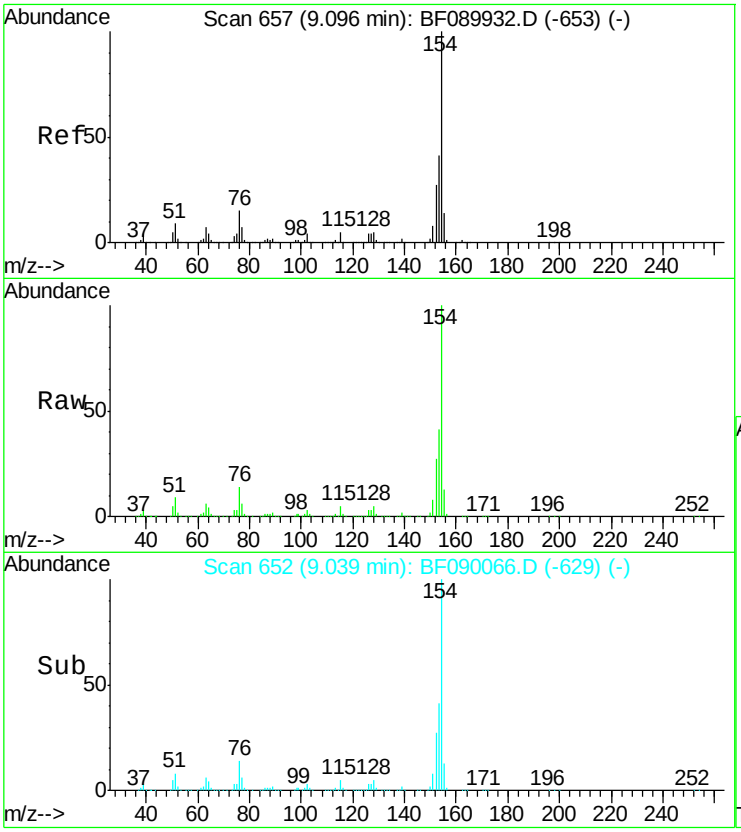




#44
2-Fluorobiphenyl
Concen: 87.03 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:172 Resp: 1706874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.4 | 44.2 |
| 170 | 24.7 | 20.1 | 30.1 |



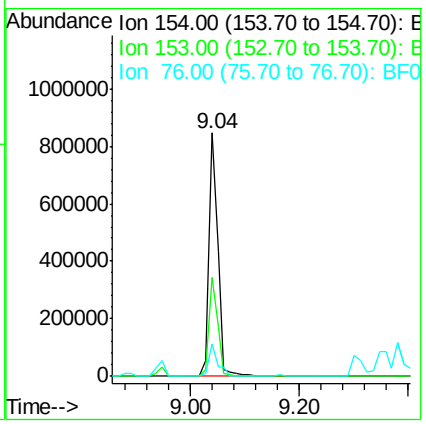


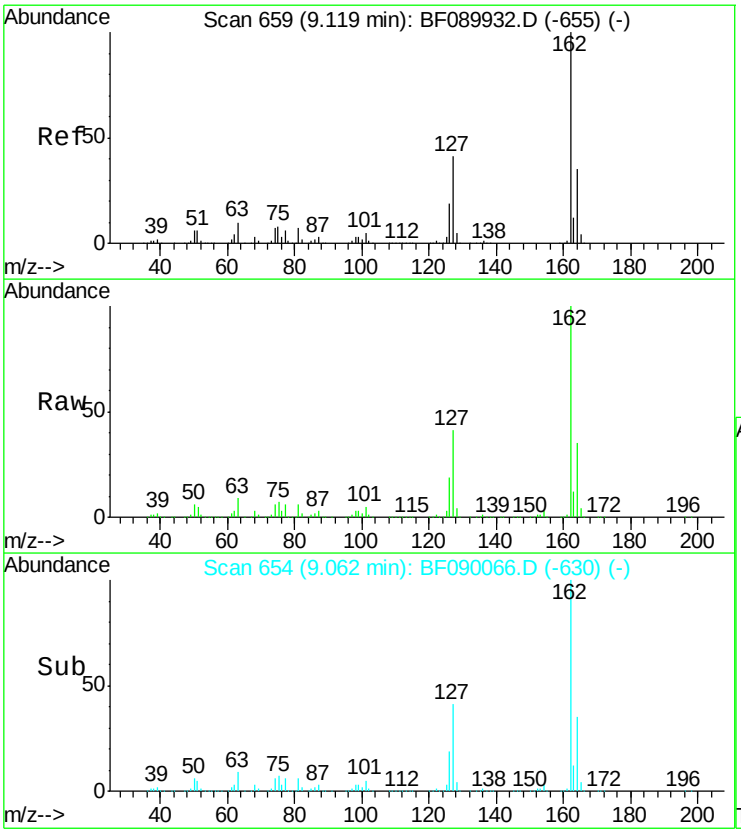

#45
1,1'-Biphenyl
Concen: 37.30 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:154 Resp: 966968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 20.6 | 60.6 |
| 76 | 13.6 | 0.0 | 34.9 |

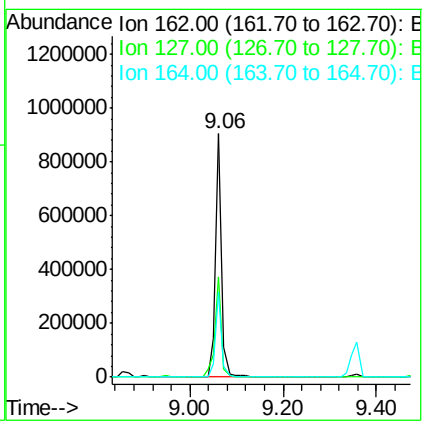


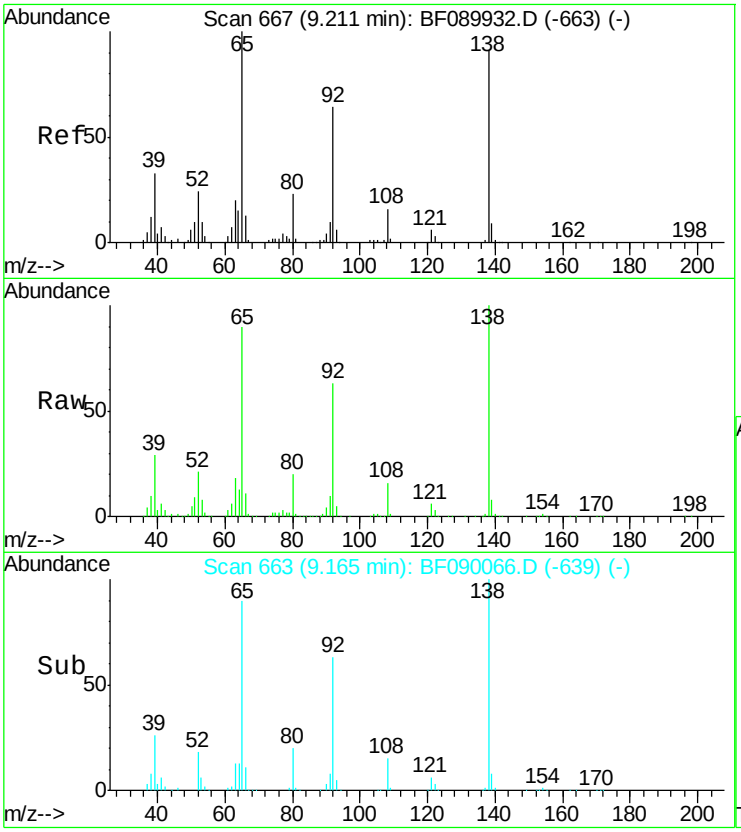




#46
2-Chloronaphthalene
Concen: 45.28 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:162 Resp: 830342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.9 | 33.5 | 50.3 |
| 164 | 35.0 | 28.2 | 42.4 |



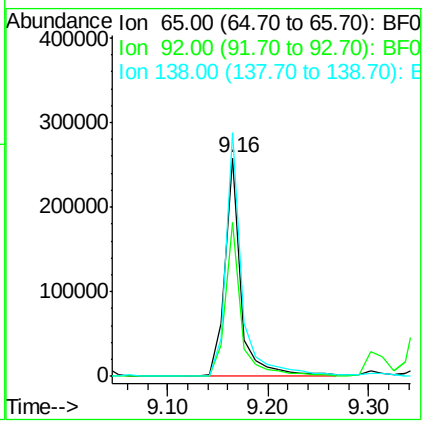


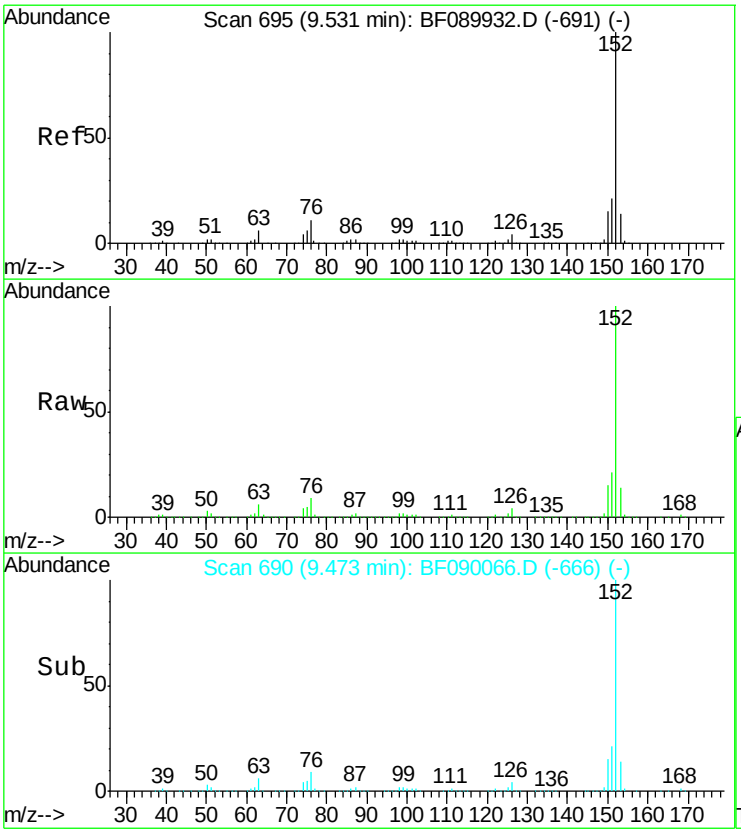

#47
2-Nitroaniline
Concen: 47.96 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion: 65 Resp: 287488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.3 | 52.0 | 78.0 |
| 138 | 111.6 | 72.1 | 108.1# |

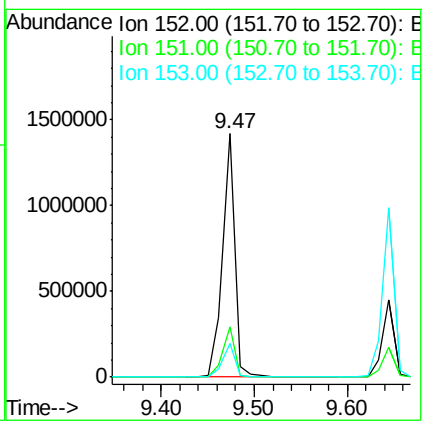


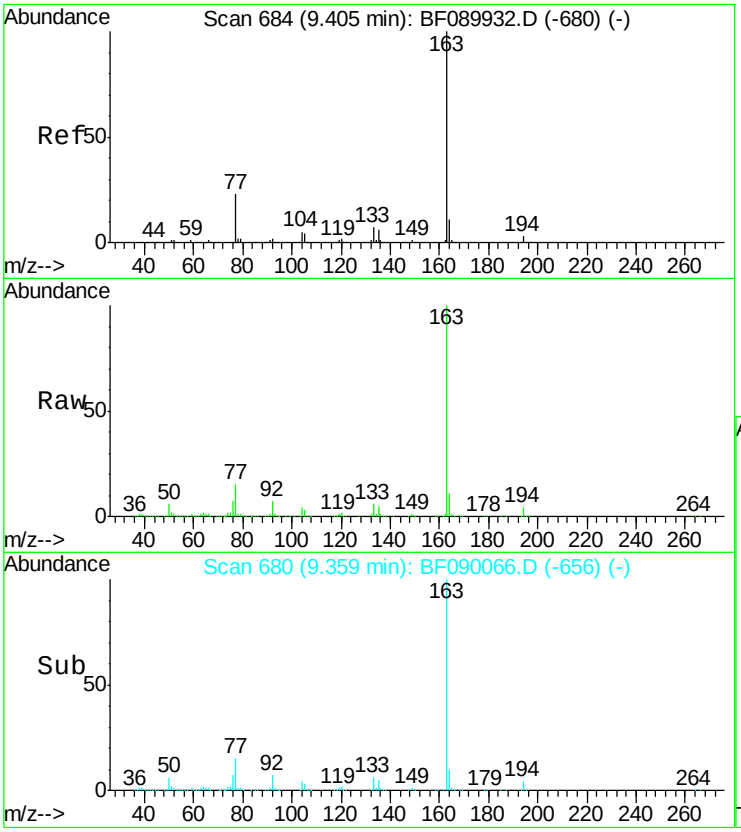




#48
Acenaphthylene
Concen: 42.52 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:152 Resp: 1289096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.7 | 25.1 |
| 153 | 13.9 | 11.6 | 17.4 |



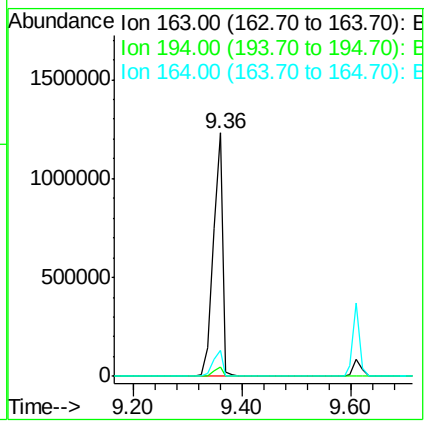


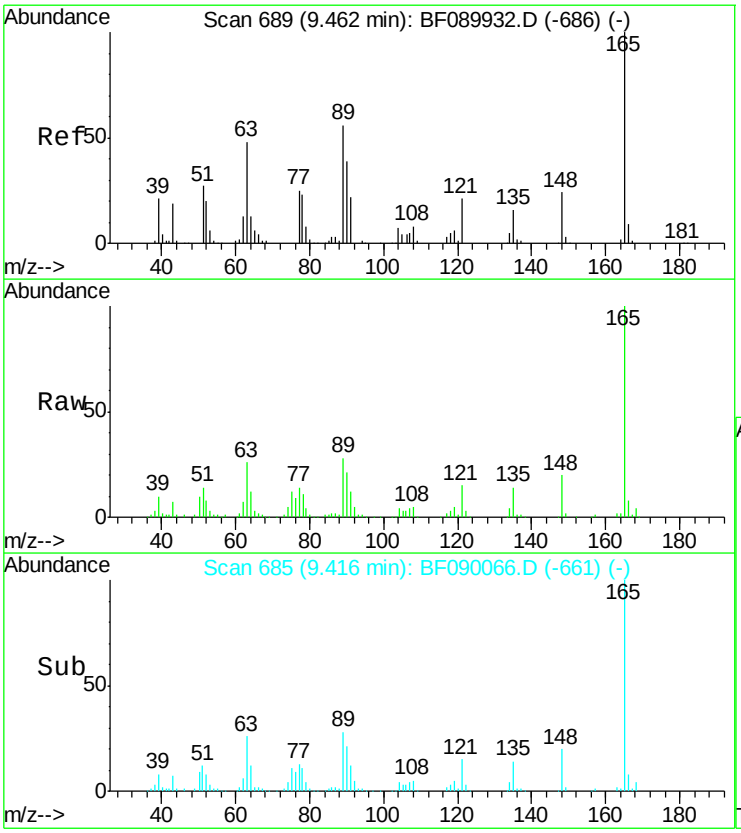

#49
Dimethylphthalate
Concen: 64.38 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:163 Resp: 1498154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.6 | 9.0 | 13.4 |

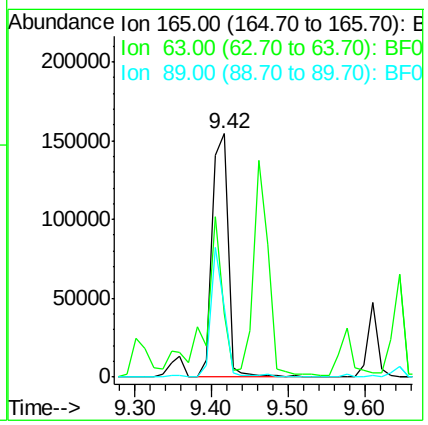


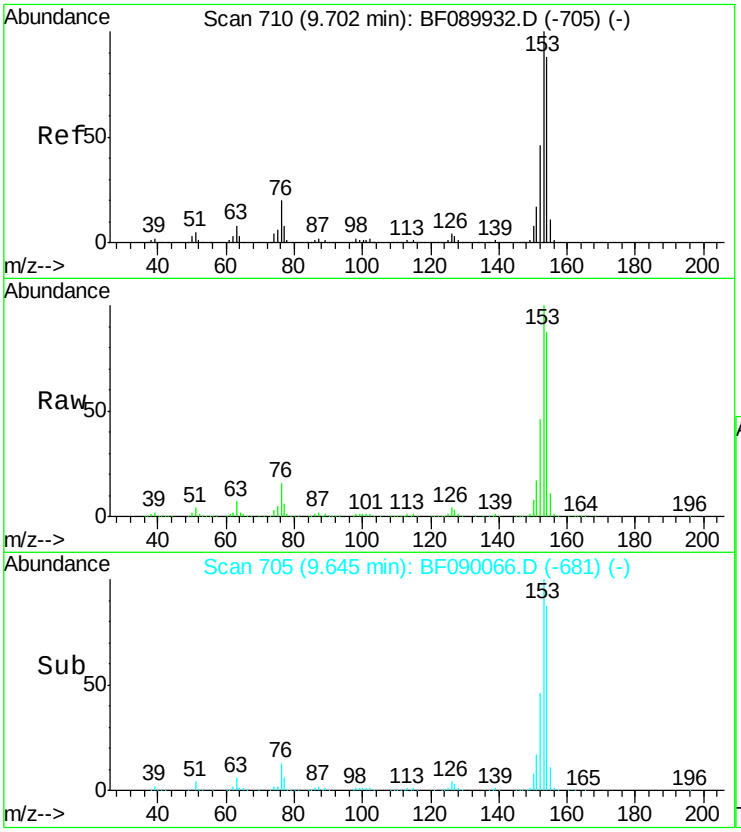




#50
2,6-Dinitrotoluene
Concen: 42.75 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:165 Resp: 221274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 26.1 | 45.0 | 67.4# |
| 89 | 28.4 | 41.5 | 62.3# |



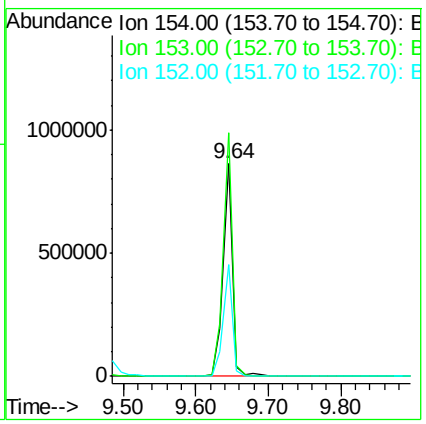


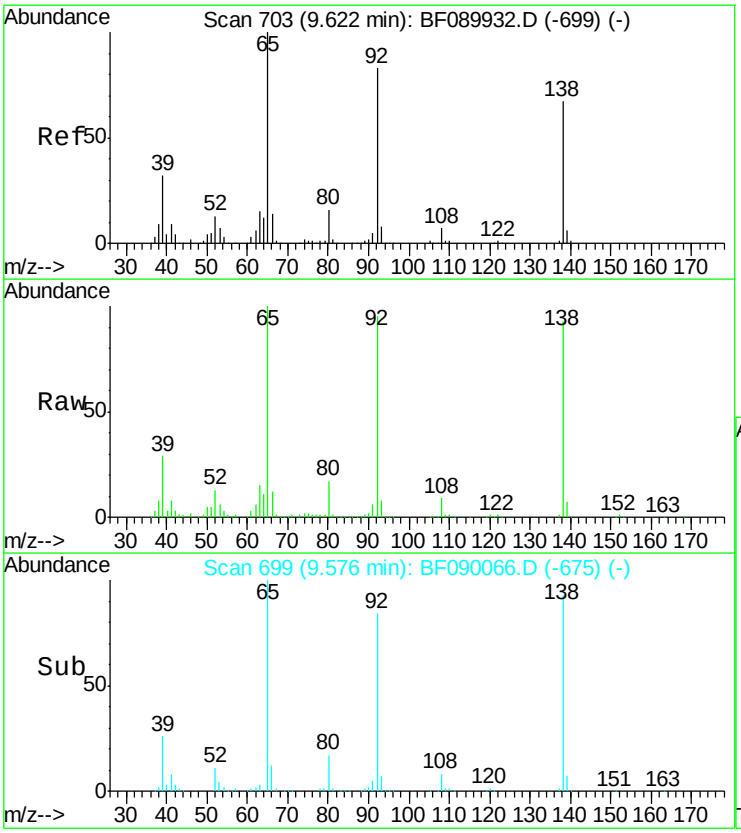

#51
Acenaphthene
Concen: 40.70 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:154 Resp: 781755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.5 | 90.6 | 135.8 |
| 152 | 52.6 | 42.4 | 63.6 |

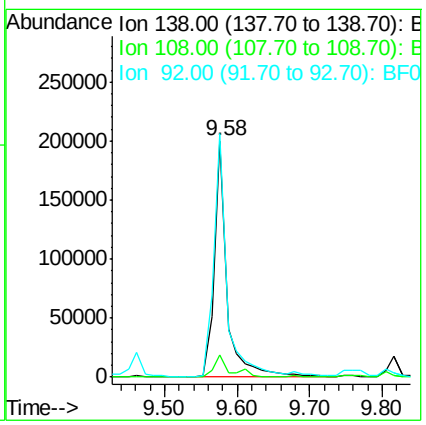


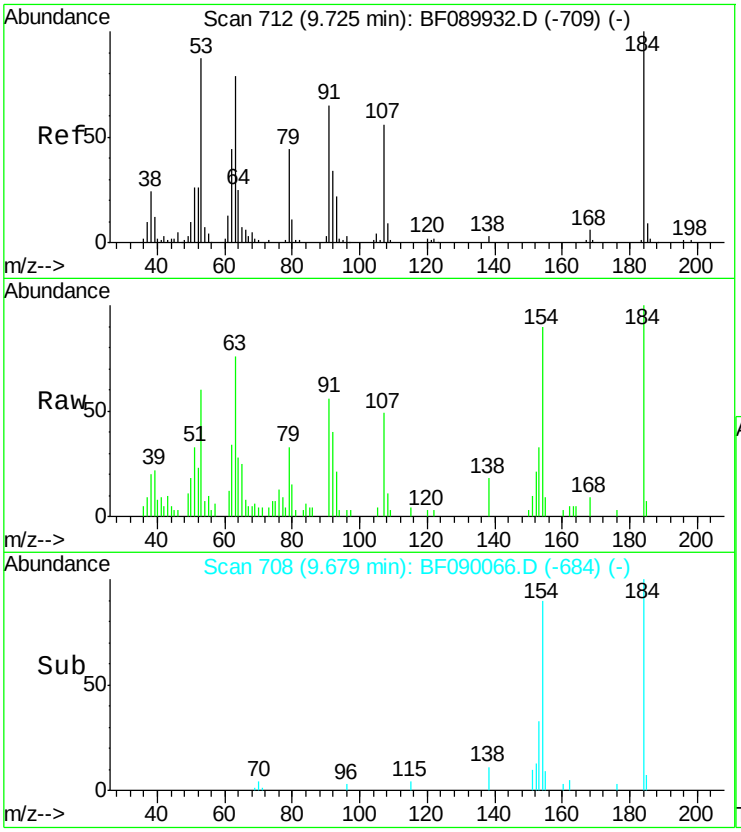




#52
3-Nitroaniline
Concen: 41.66 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:138 Resp: 245917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 8.3 | 12.5 |
| 92 | 103.0 | 99.1 | 148.7 |



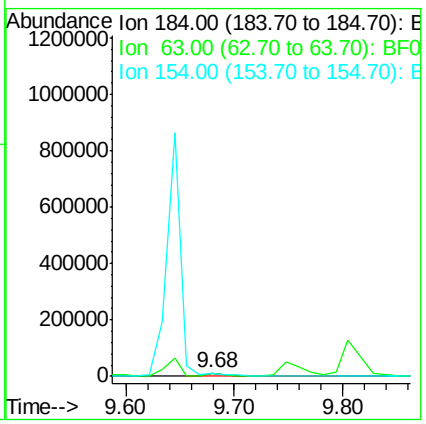


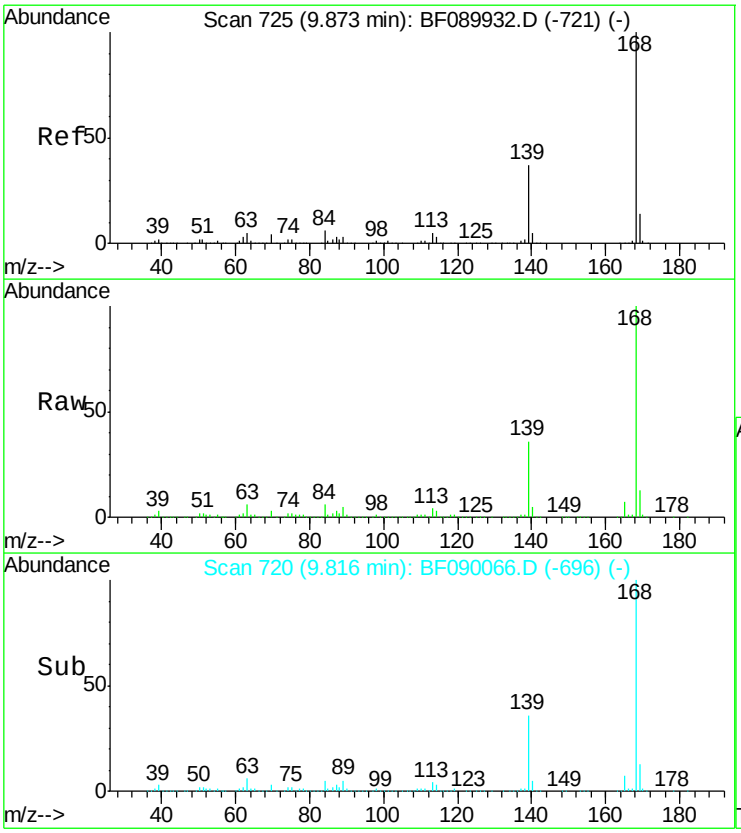

#53
2,4-Dinitrophenol
Concen: 12.10 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:184 Resp: 20155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 76.1 | 73.9 | 110.9 |
| 154 | 90.0 | 53.5 | 80.3# |

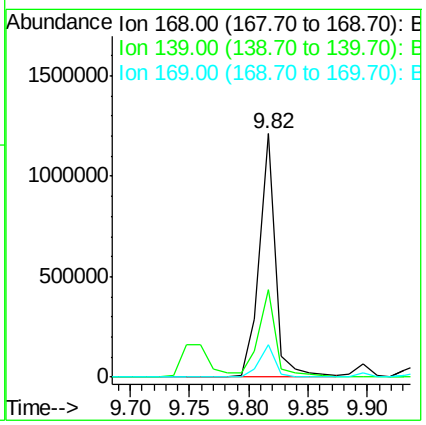


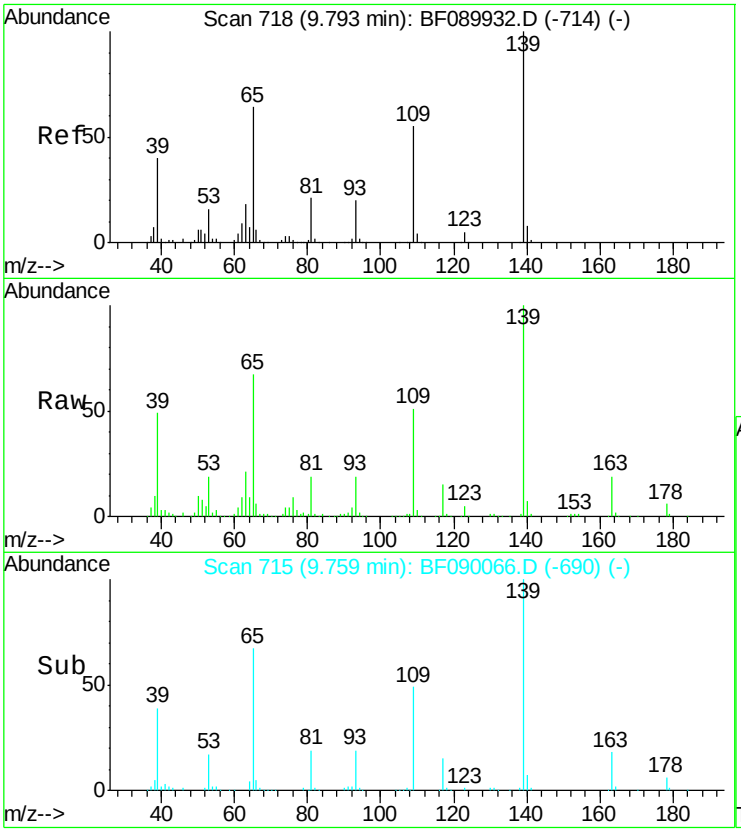




#54
Dibenzofuran
Concen: 45.19 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:168 Resp: 1163391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.9 | 29.5 | 44.3 |
| 169 | 13.5 | 10.8 | 16.2 |



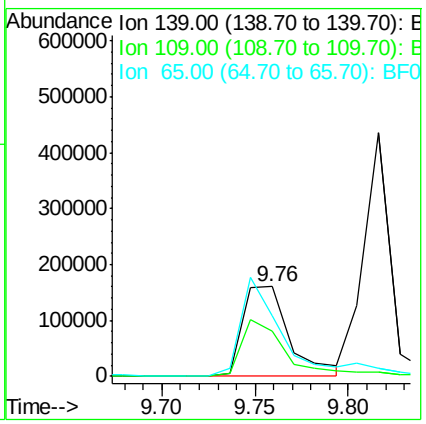


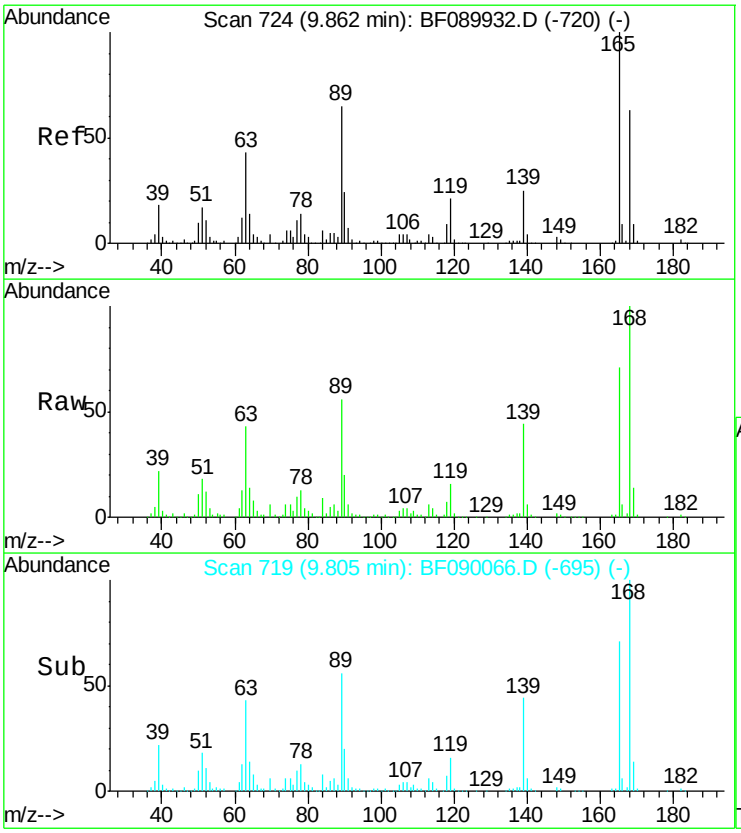

#55
4-Nitrophenol
Concen: 63.18 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:139 Resp: 281295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 50.9 | 31.3 | 71.3 |
| 65 | 67.5 | 38.5 | 78.5 |

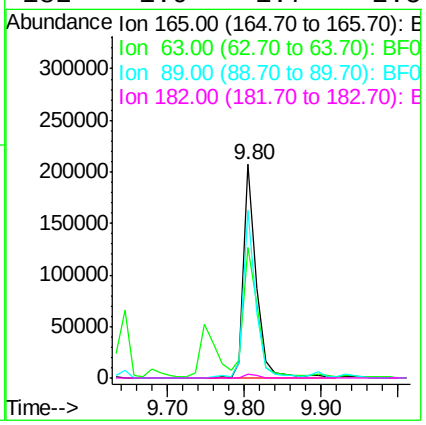


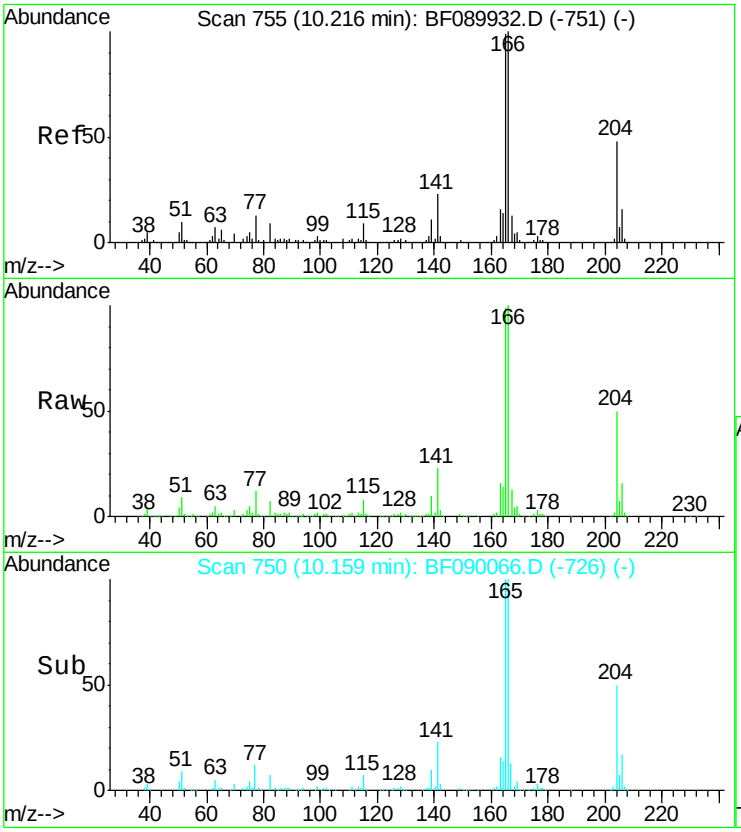




#56
2,4-Dinitrotoluene
Concen: 36.25 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:165 Resp: 237949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.0 | 32.5 | 48.7# |
| 89 | 78.4 | 48.3 | 72.5# |
| 182 | 1.9 | 1.7 | 2.5 |



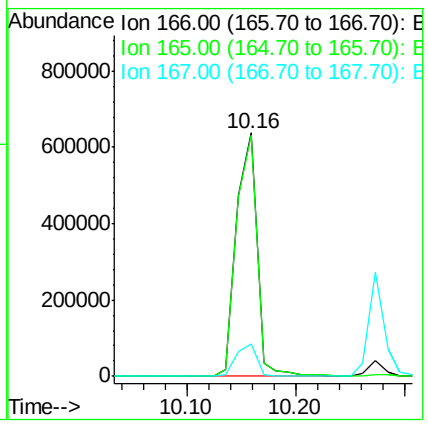


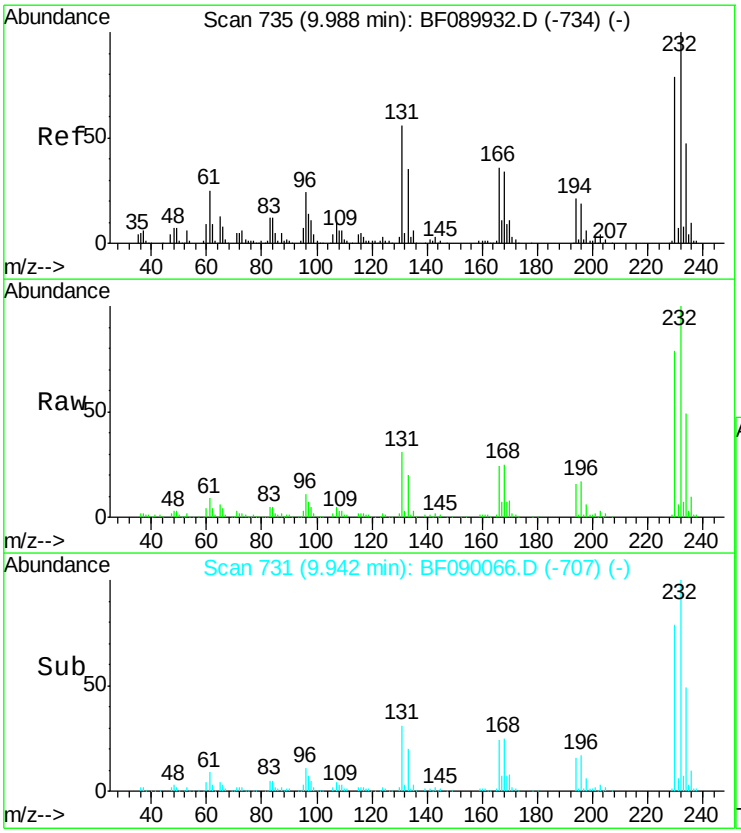

#57
Fluorene
Concen: 43.88 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:166 Resp: 825512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.9 | 78.6 | 118.0 |
| 167 | 13.1 | 10.6 | 15.8 |

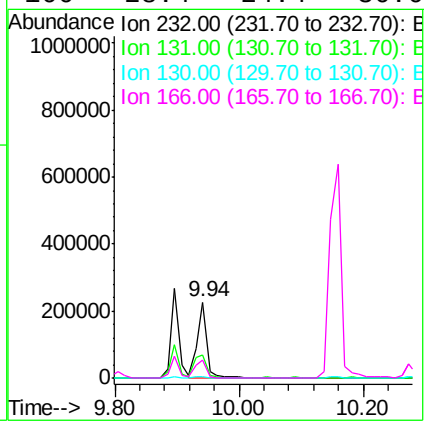


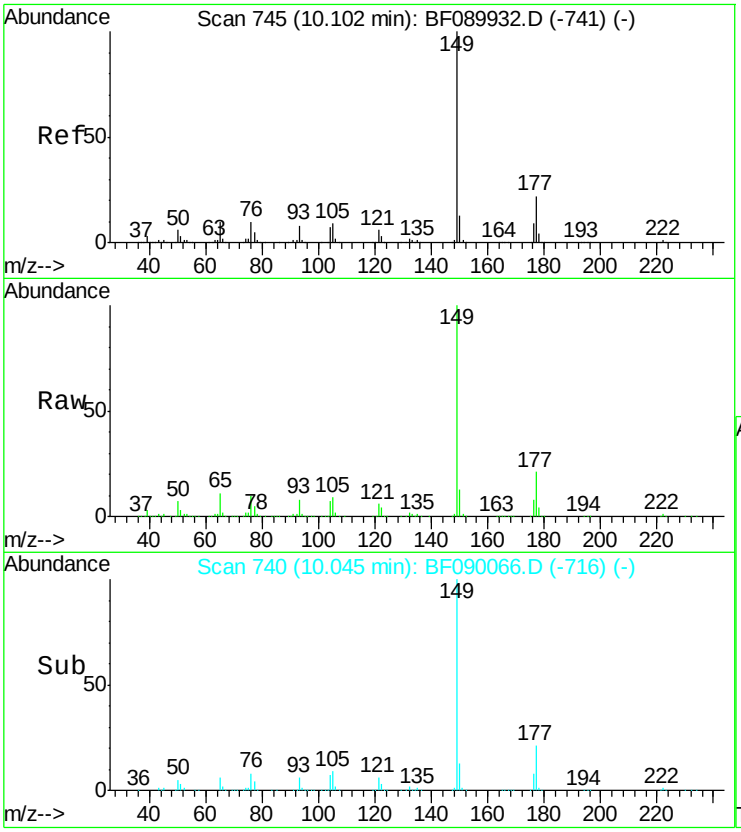




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.24 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:232 Resp: 243432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.0 | 36.3 | 54.5 |
| 130 | 1.8 | 1.7 | 2.5 |
| 166 | 28.4 | 24.4 | 36.6 |



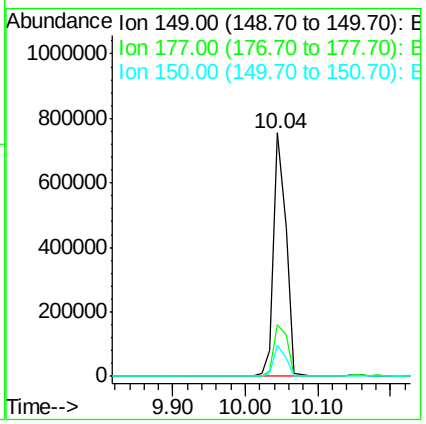


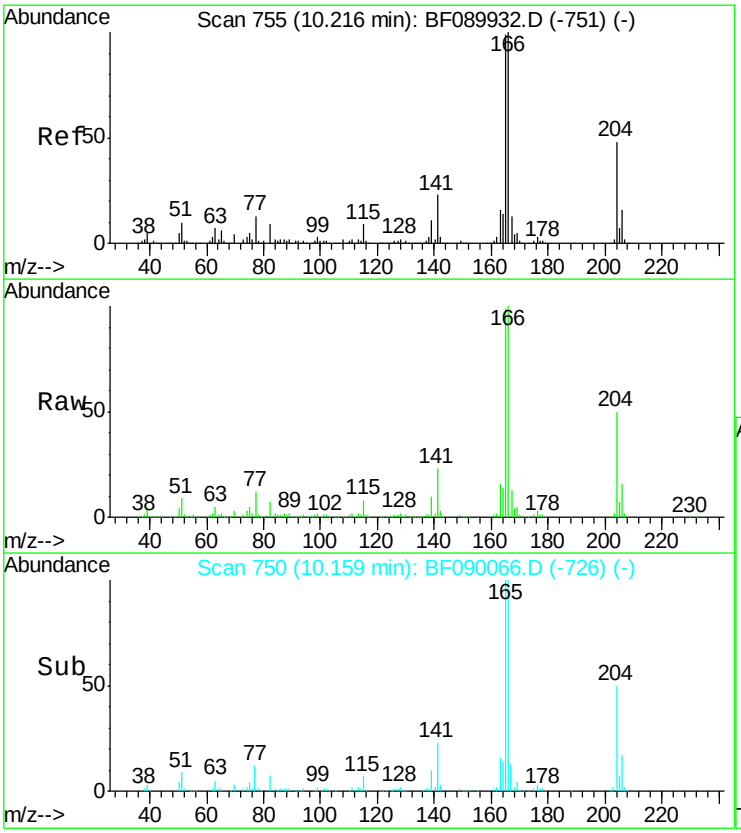

#59
Diethylphthalate
Concen: 41.80 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:149 Resp: 914976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.1 | 17.7 | 26.5 |
| 150 | 12.6 | 10.2 | 15.2 |

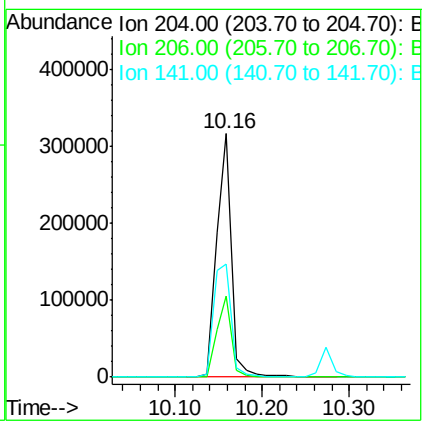


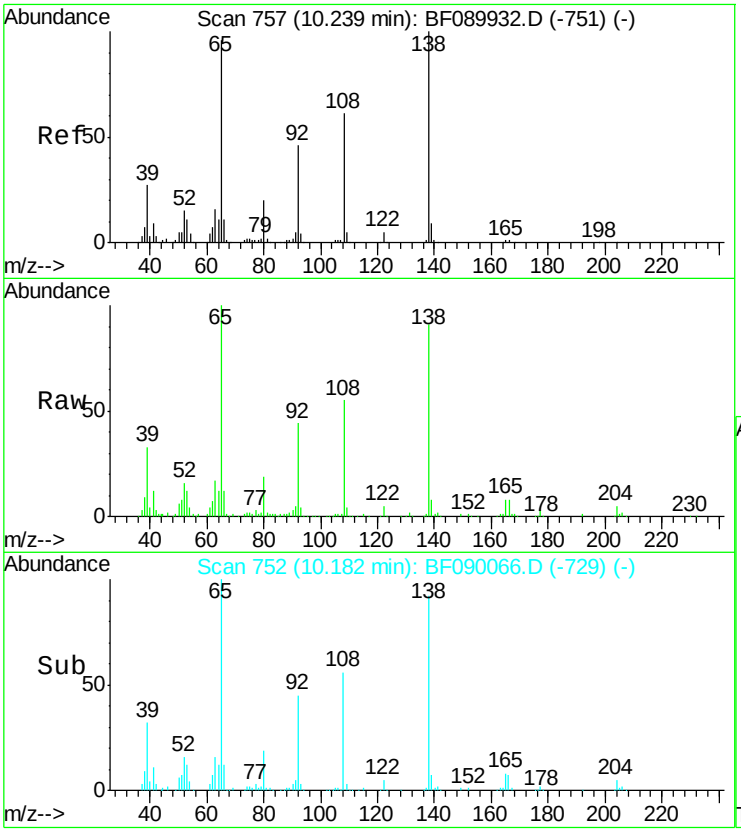




#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:204 Resp: 379407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 26.6 | 40.0 |
| 141 | 46.4 | 36.5 | 54.7 |



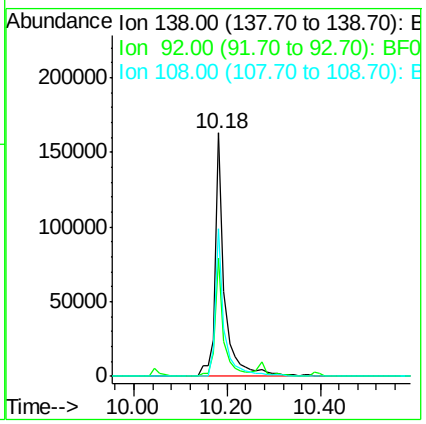


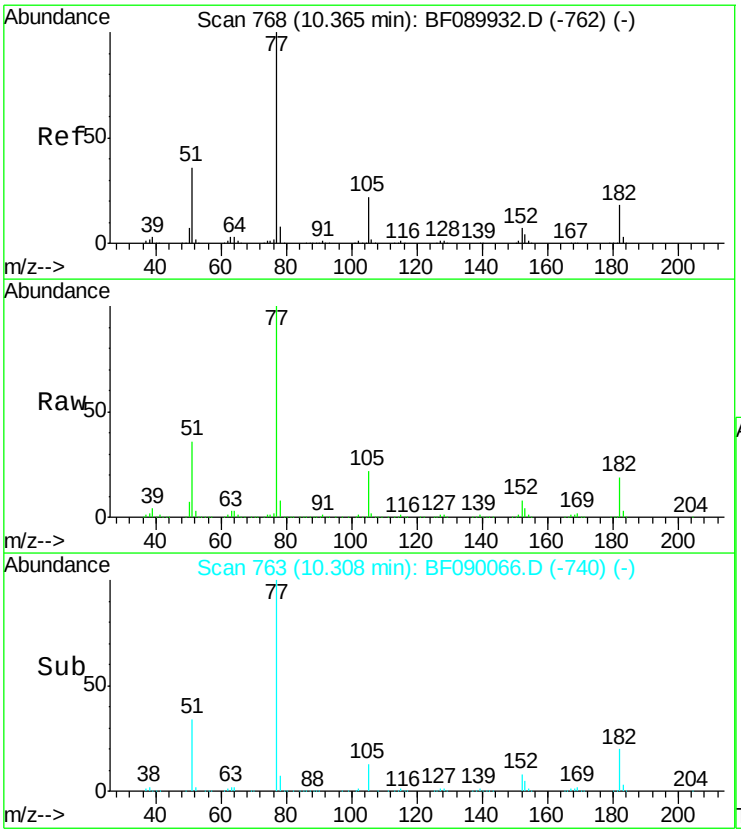

#61
4-Nitroaniline
Concen: 39.53 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:138 Resp: 229237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.6 | 21.2 | 61.2 |
| 108 | 60.7 | 37.7 | 77.7 |

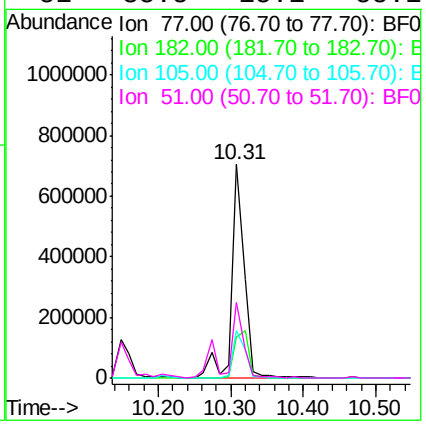


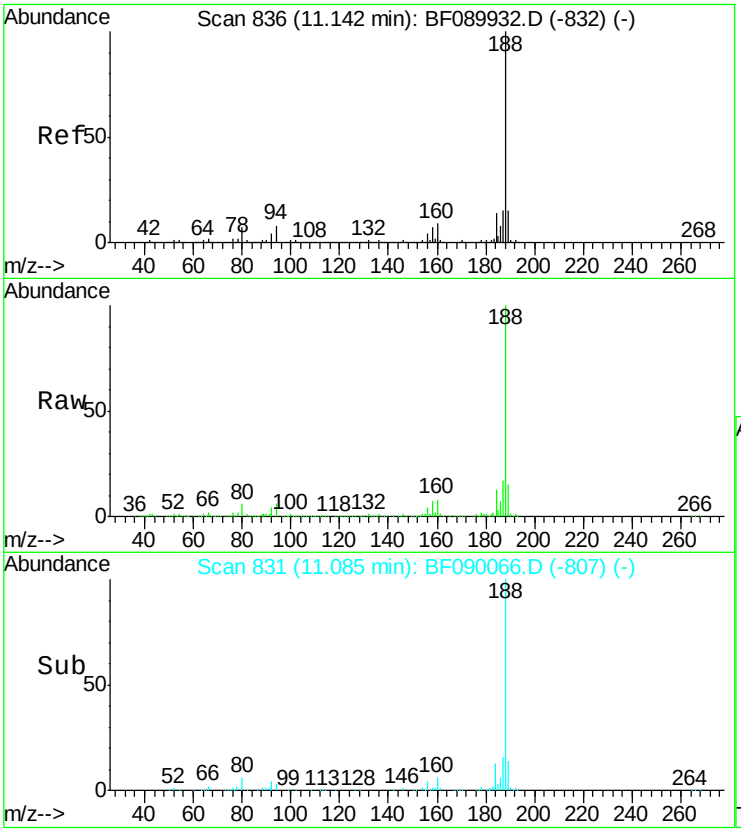




#62
Azobenzene
Concen: 38.59 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion: 77 Resp: 843882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.3 | 0.0 | 38.6 |
| 105 | 22.2 | 2.3 | 42.3 |
| 51 | 35.5 | 15.1 | 55.1 |



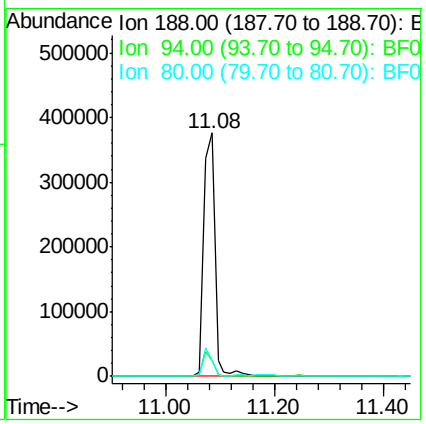


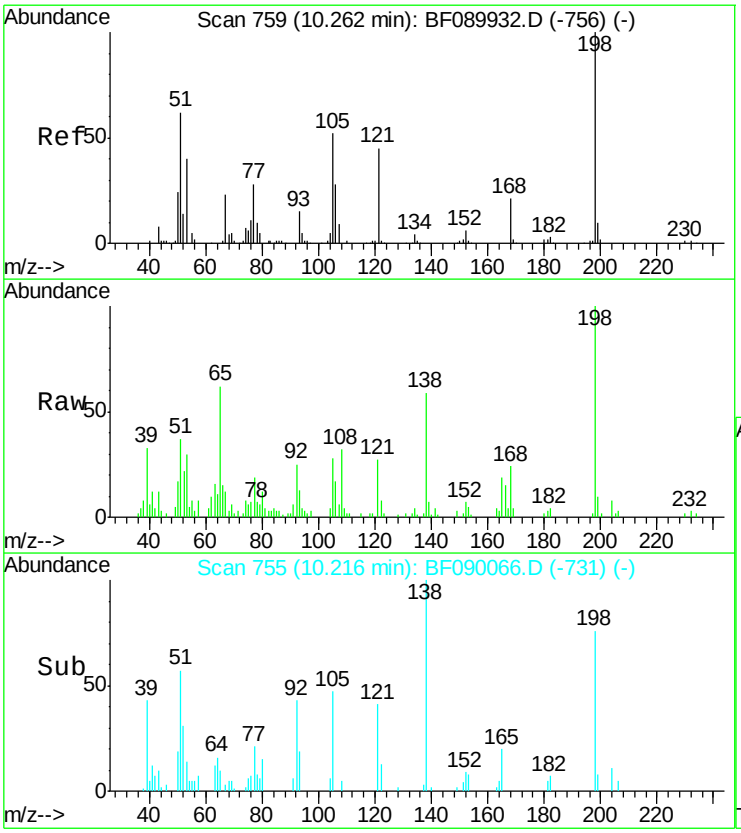

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:188 Resp: 537837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.4 | 5.9 | 8.9 |
| 80 | 6.3 | 5.8 | 8.8 |

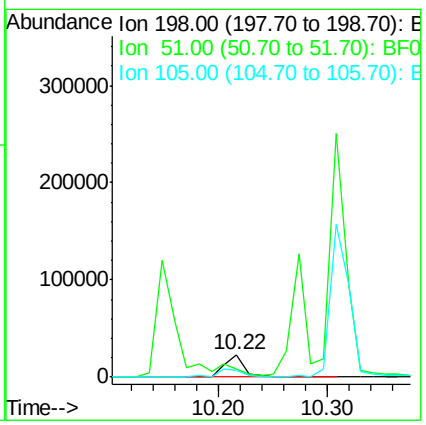


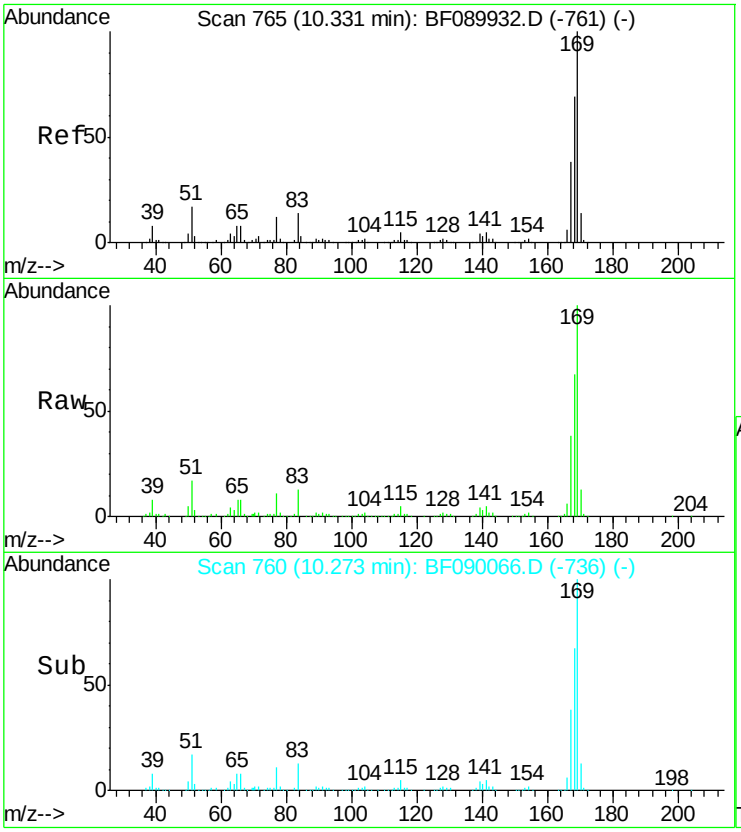




#64
4,6-Dinitro-2-methylphenol
Concen: 8.39 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:198 Resp: 28885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.5 | 43.0 | 83.0# |
| 105 | 27.9 | 30.3 | 70.3# |



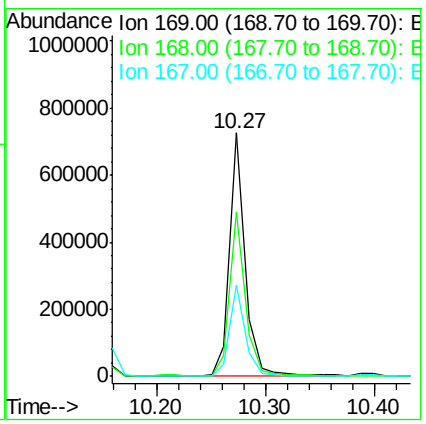


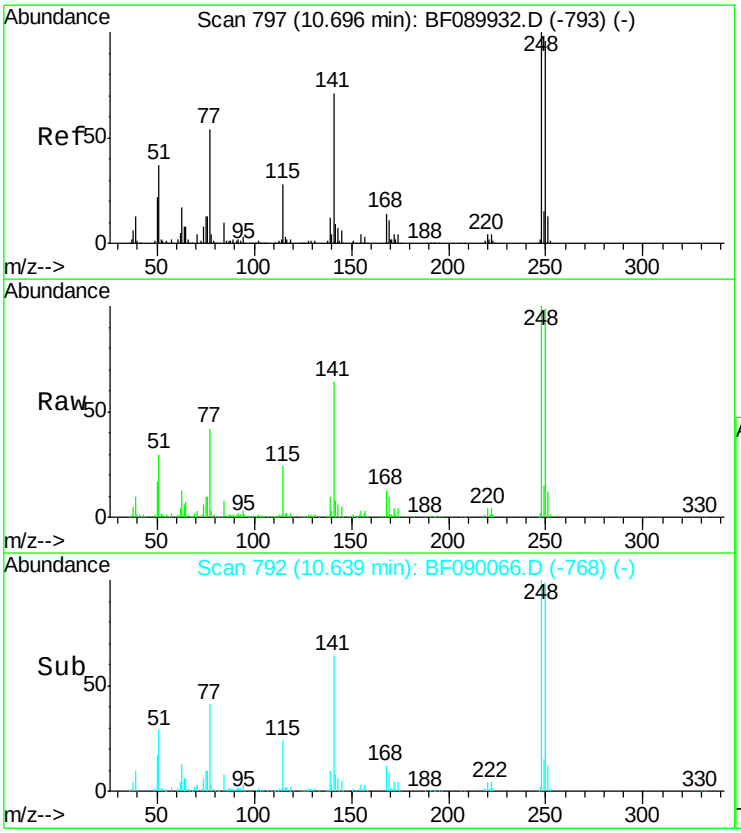

#65
n-Nitrosodiphenylamine
Concen: 44.23 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:169 Resp: 715160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 55.0 | 82.4 |
| 167 | 37.5 | 30.5 | 45.7 |

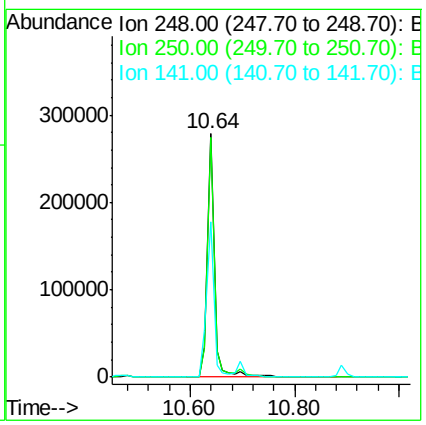


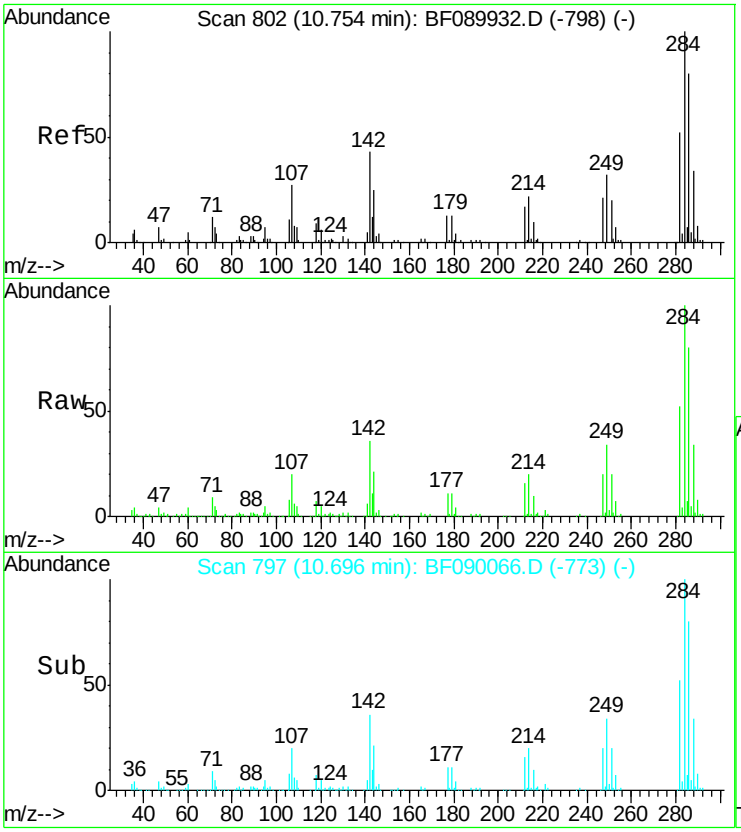




#66
4-Bromophenyl-phenylether
Concen: 48.45 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:248 Resp: 262329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.7 | 77.3 | 115.9 |
| 141 | 63.9 | 55.8 | 83.8 |



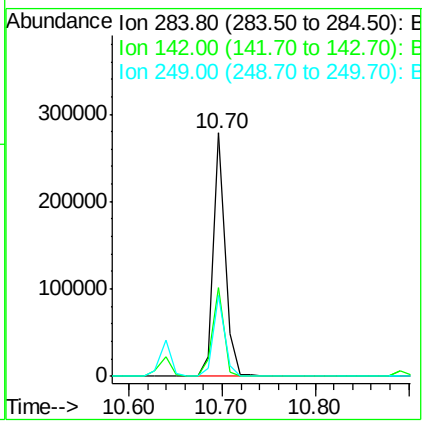


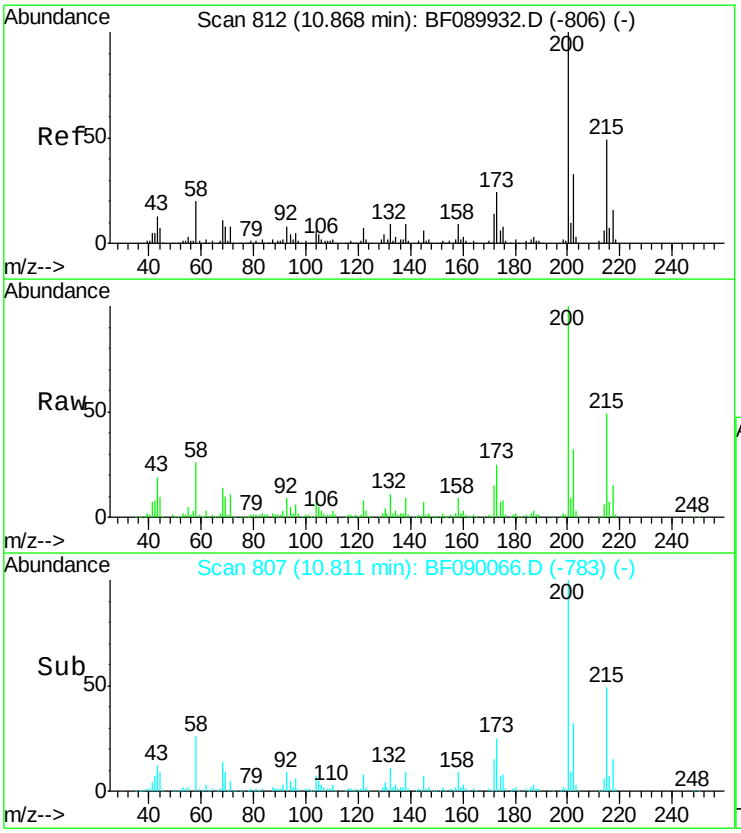

#67
Hexachlorobenzene
Concen: 39.62 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:284 Resp: 245072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.2 | 32.7 | 49.1 |
| 249 | 33.5 | 26.9 | 40.3 |

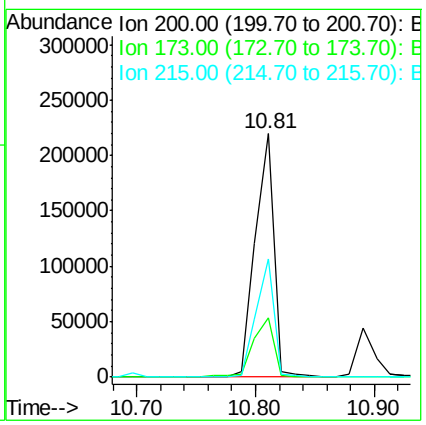


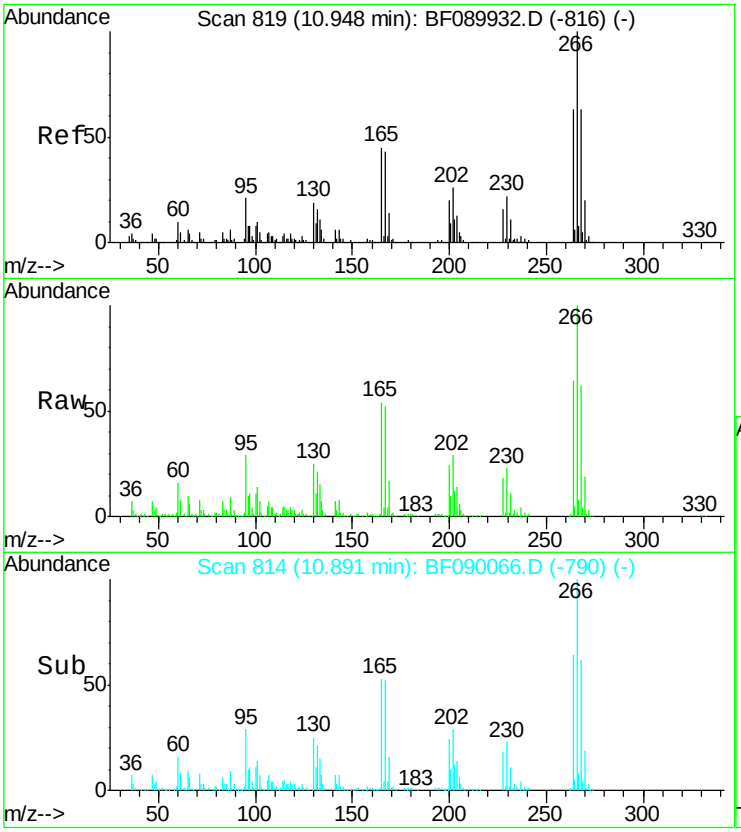




#68
Atrazine
Concen: 45.13 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:200 Resp: 243600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.6 | 9.4 | 49.4 |
| 215 | 48.6 | 24.5 | 64.5 |



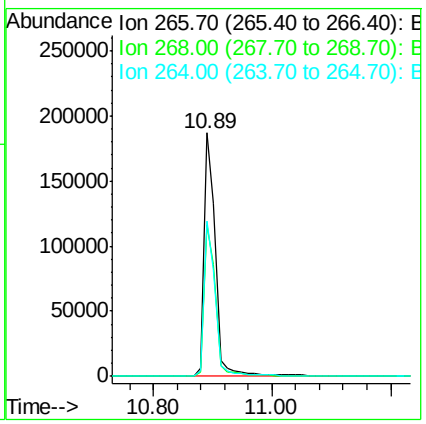


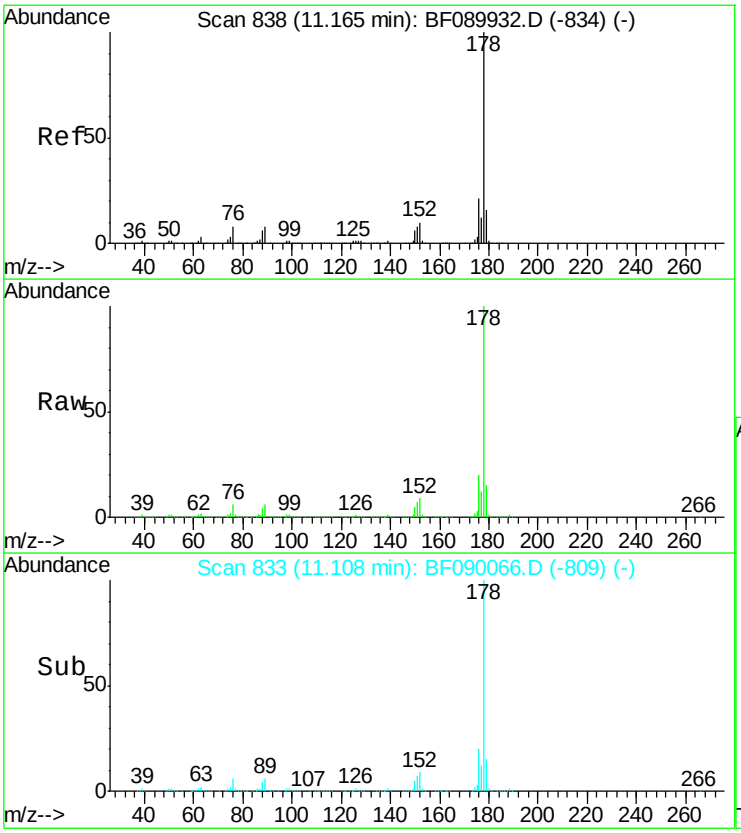

#69
Pentachlorophenol
Concen: 75.86 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:266 Resp: 252407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.0 | 51.0 | 76.6 |
| 264 | 64.0 | 50.6 | 75.8 |

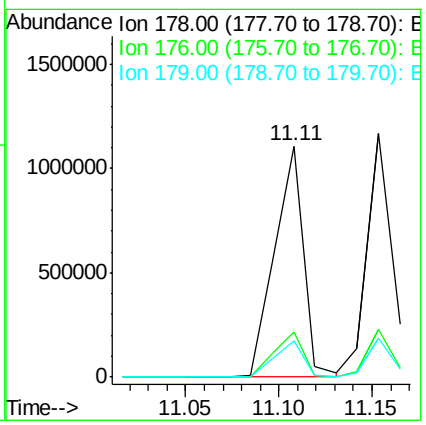


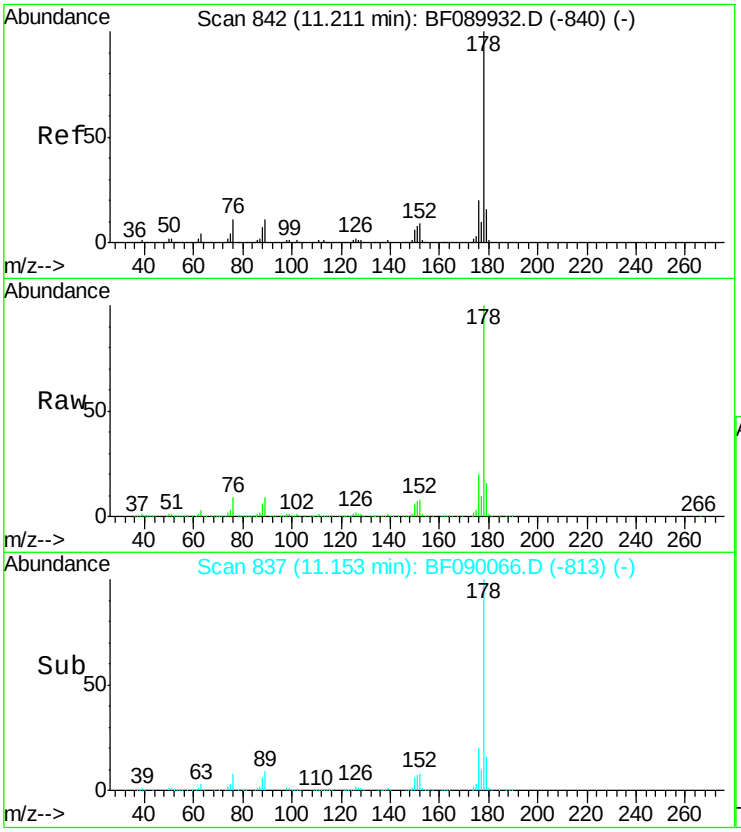




#70
Phenanthrene
Concen: 44.50 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:178 Resp: 1191835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 16.5 | 24.7 |
| 179 | 15.5 | 12.8 | 19.2 |



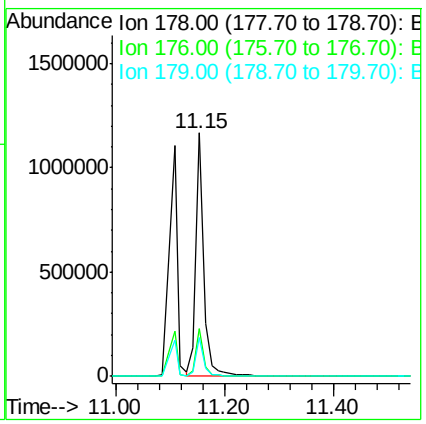


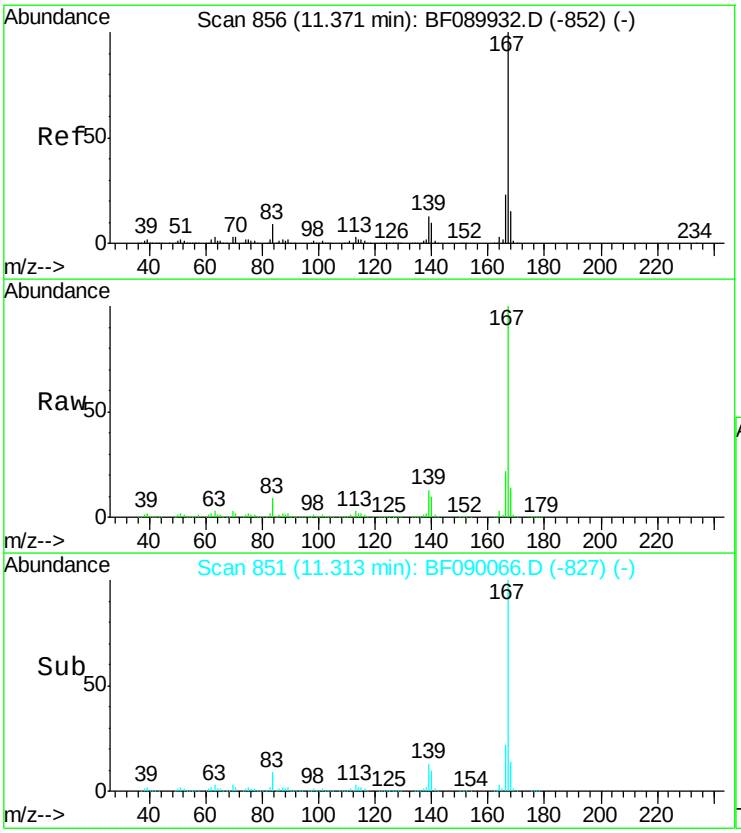

#71
Anthracene
Concen: 43.13 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:178 Resp: 1171563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.8 | 23.8 |
| 179 | 15.9 | 13.0 | 19.4 |

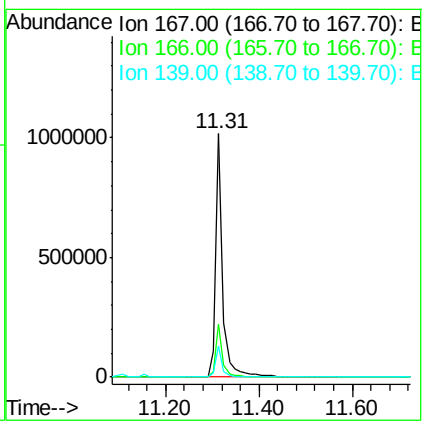


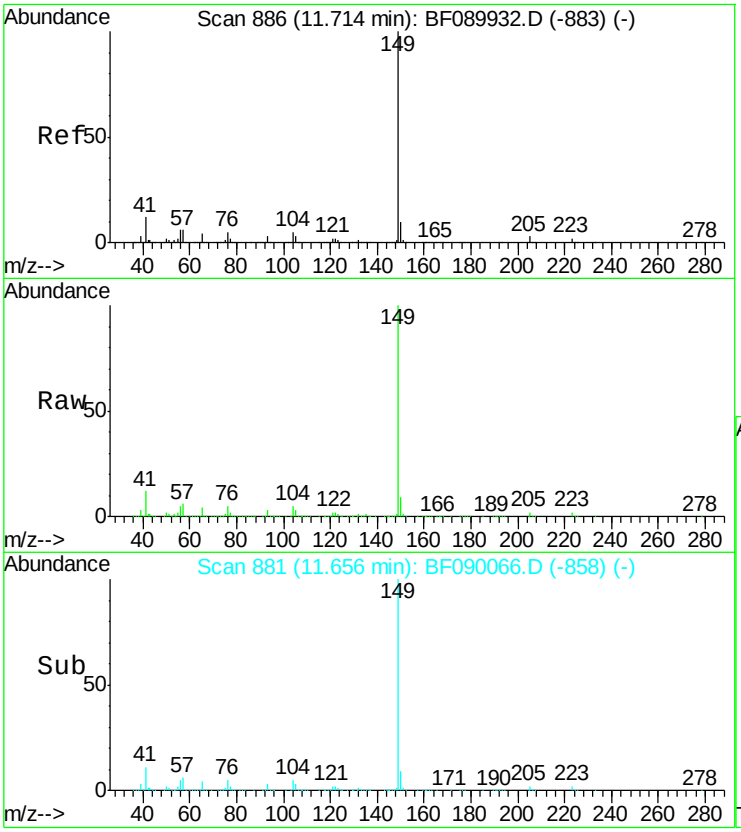




#72
Carbazole
Concen: 42.11 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:167 Resp: 1072631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.1 | 27.1 |
| 139 | 12.8 | 10.4 | 15.6 |



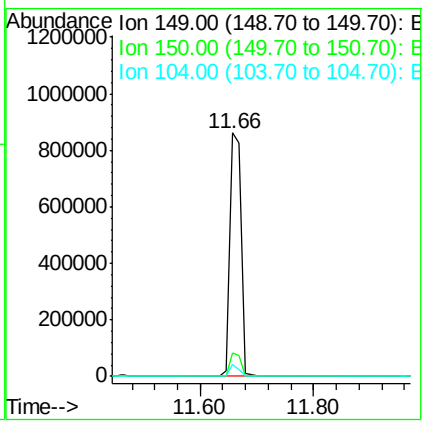


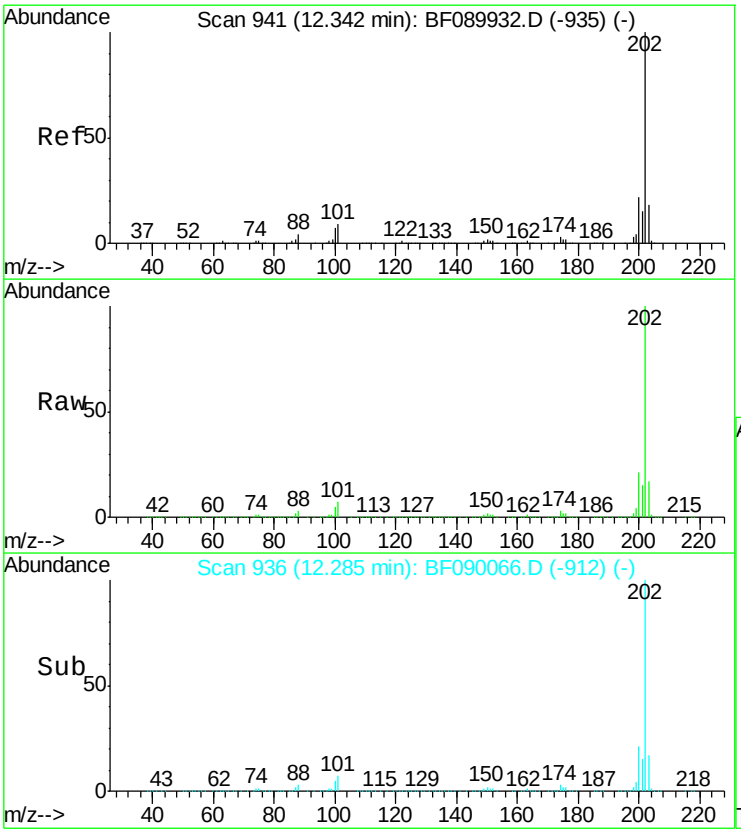

#73
Di-n-butylphthalate
Concen: 40.16 ng
RT: 11.66 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:149 Resp: 1192171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.8 | 11.8 |
| 104 | 4.8 | 3.9 | 5.9 |

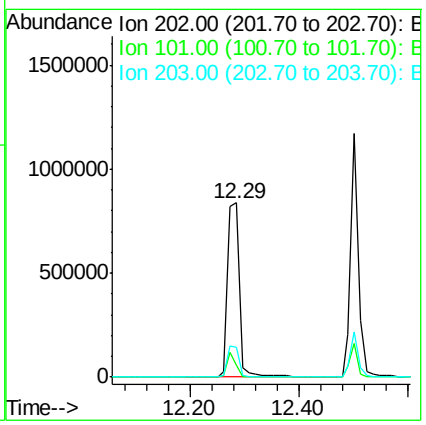


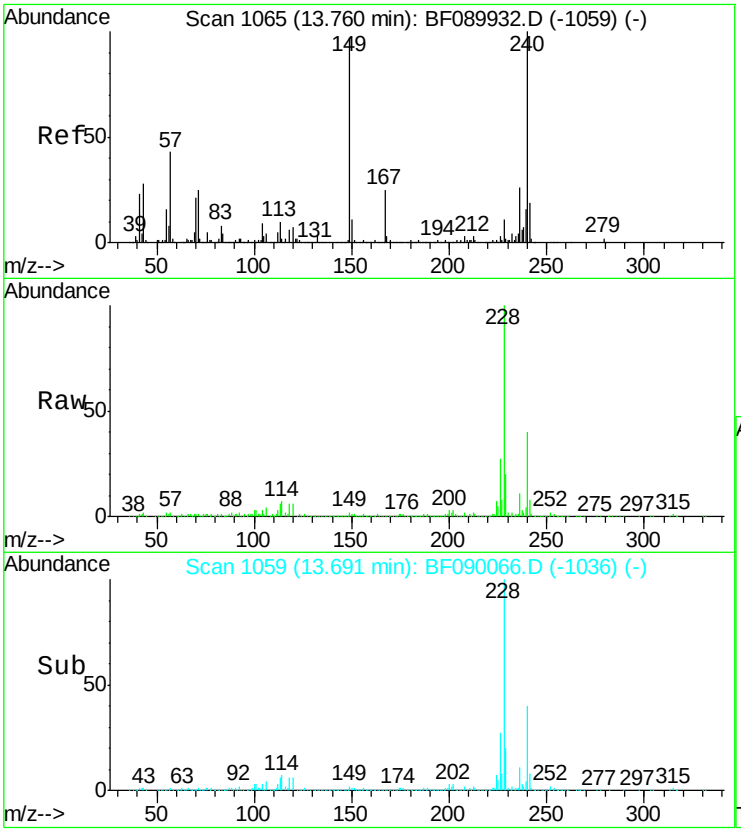




#74
Fluoranthene
Concen: 44.63 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:202 Resp: 1252557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 0.0 | 28.5 |
| 203 | 17.3 | 0.0 | 38.0 |



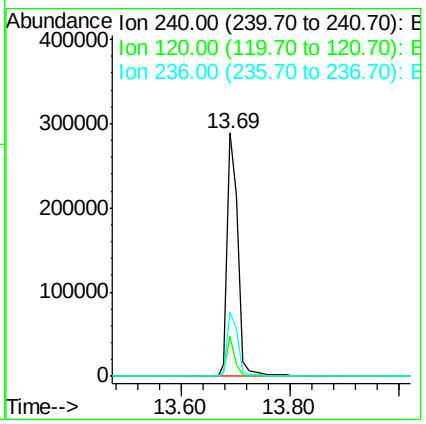


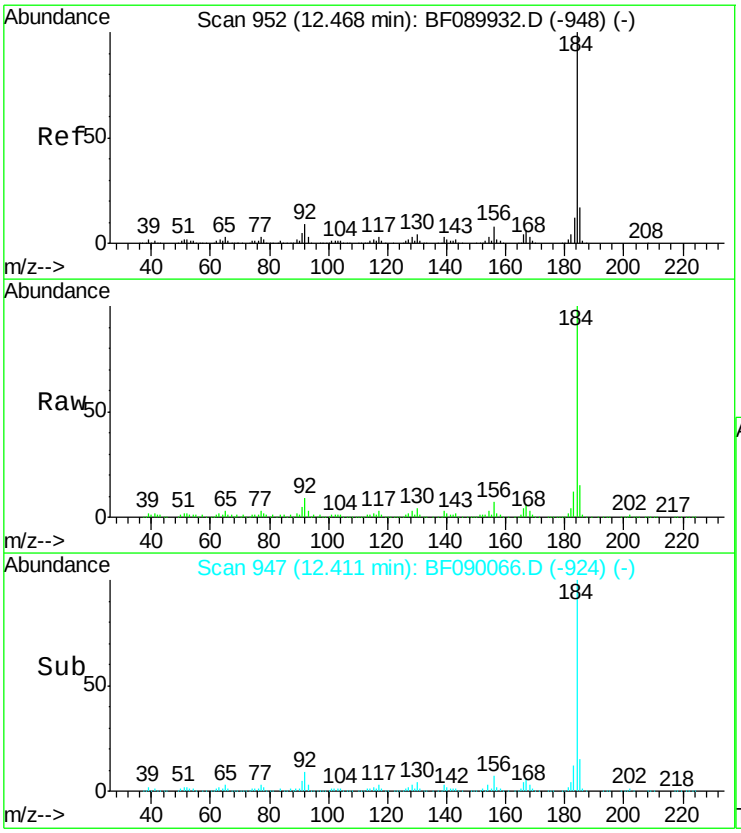

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:240 Resp: 389878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.3 | 5.7 | 8.5# |
| 236 | 26.7 | 21.3 | 31.9 |

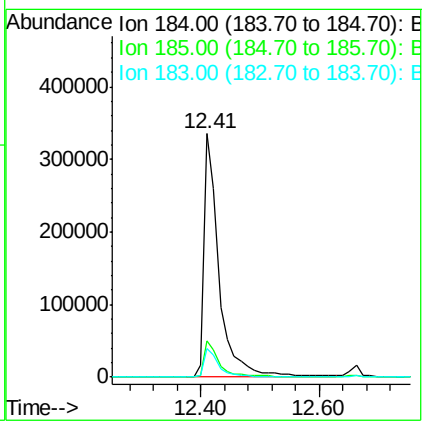


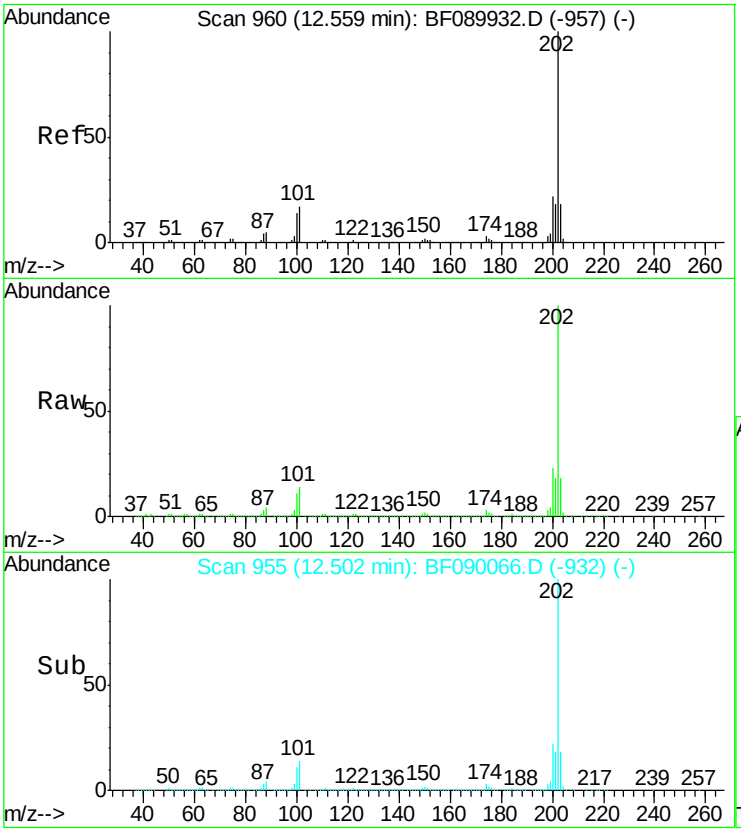




#76
Benzidine
Concen: 40.68 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:184 Resp: 600858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 13.8 | 20.8 |
| 183 | 11.6 | 9.6 | 14.4 |



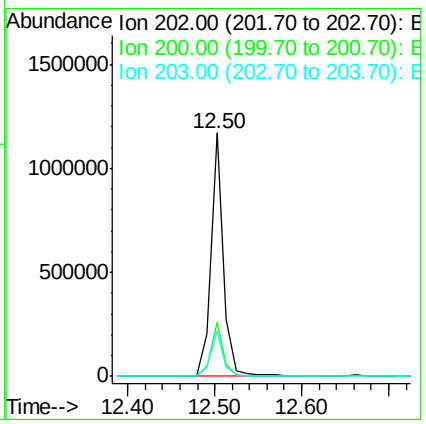


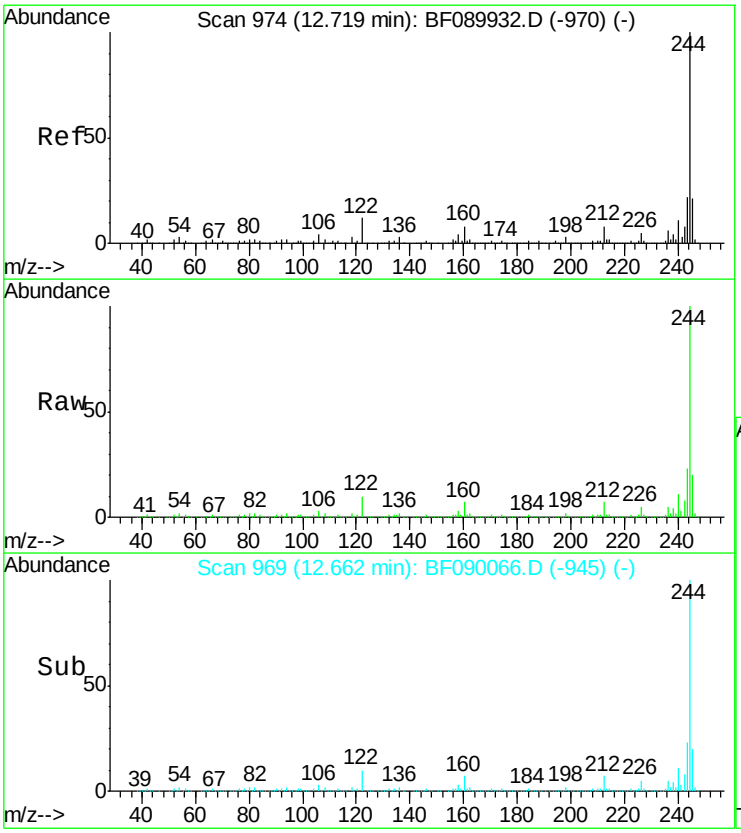

#77
Pyrene
Concen: 42.68 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:202 Resp: 1173169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.5 | 17.6 | 26.4 |
| 203 | 18.3 | 14.6 | 21.8 |

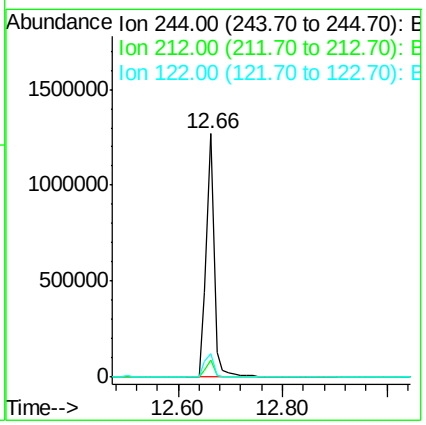


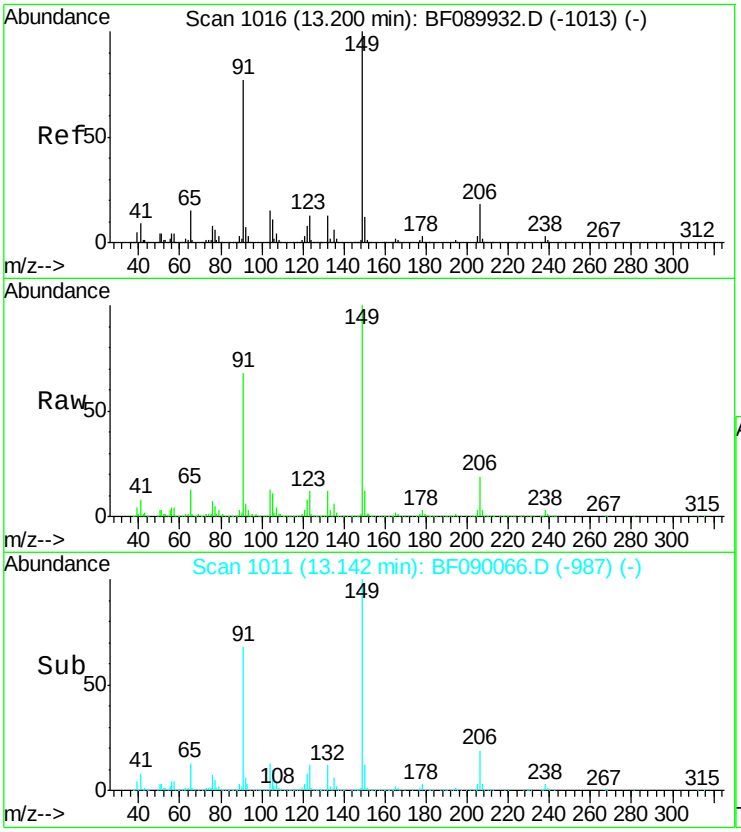




#78
Terphenyl-d14
Concen: 85.88 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:244 Resp: 1355443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.1 | 9.1 |
| 122 | 9.9 | 9.6 | 14.4 |



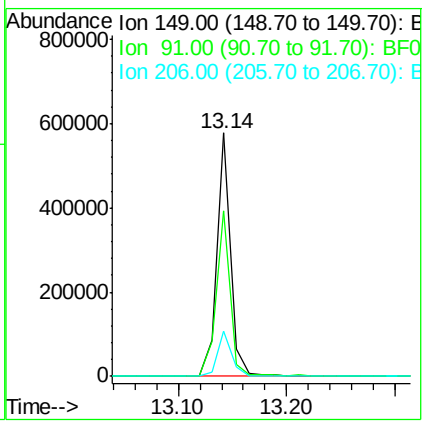


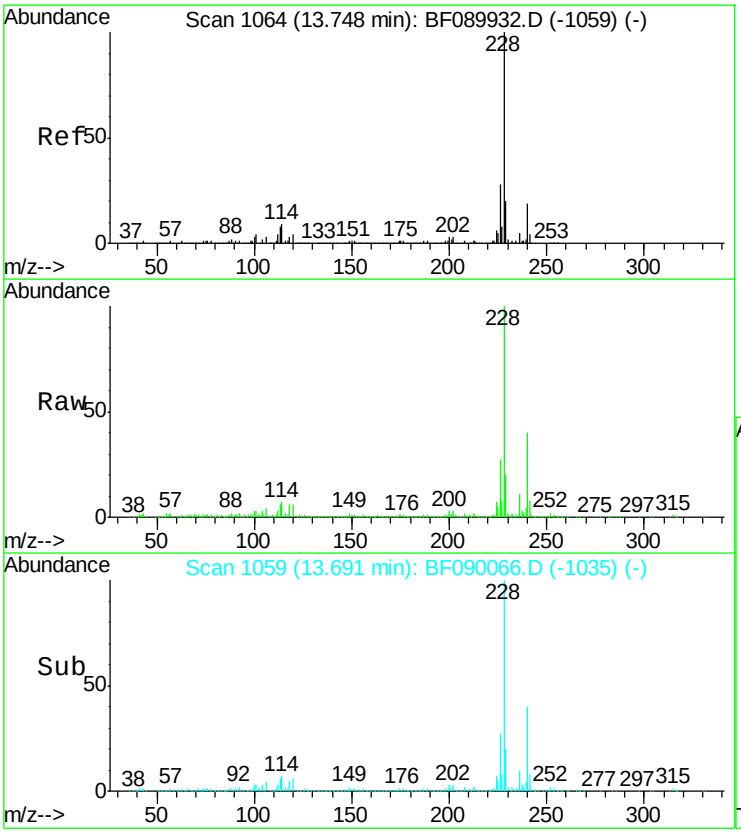

#79
Butylbenzylphthalate
Concen: 45.81 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:149 Resp: 507868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.1 | 60.0 | 90.0 |
| 206 | 18.8 | 15.1 | 22.7 |

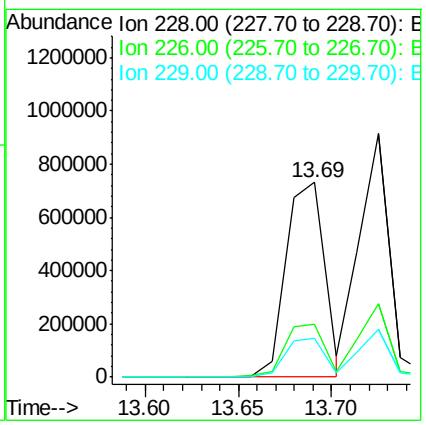


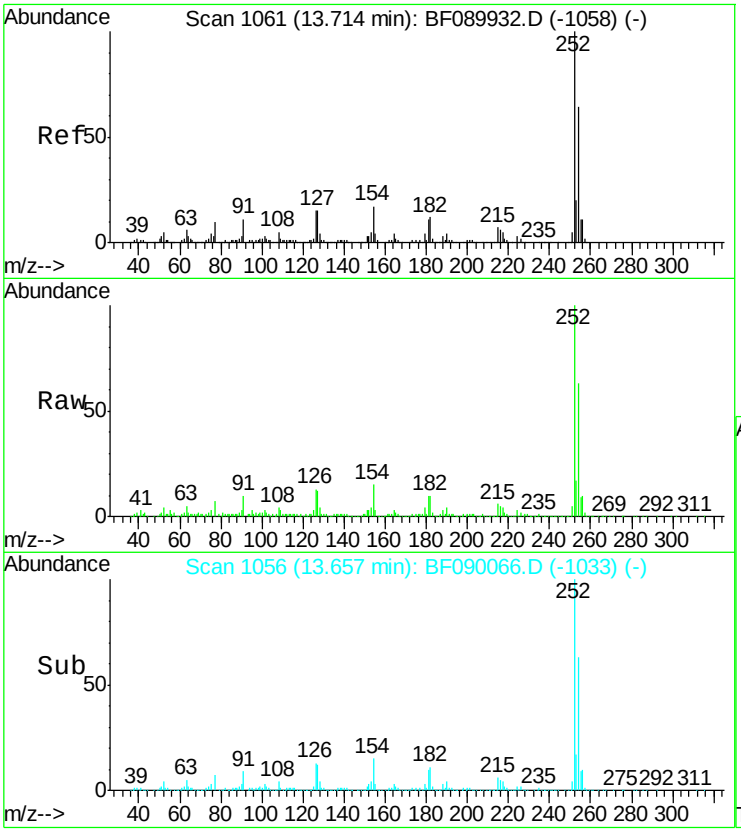




#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:228 Resp: 1058861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.2 | 33.2 |
| 229 | 19.8 | 15.8 | 23.6 |



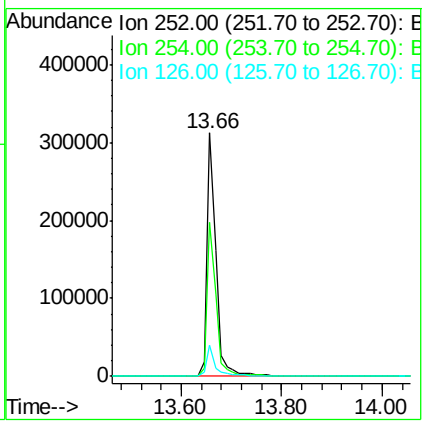


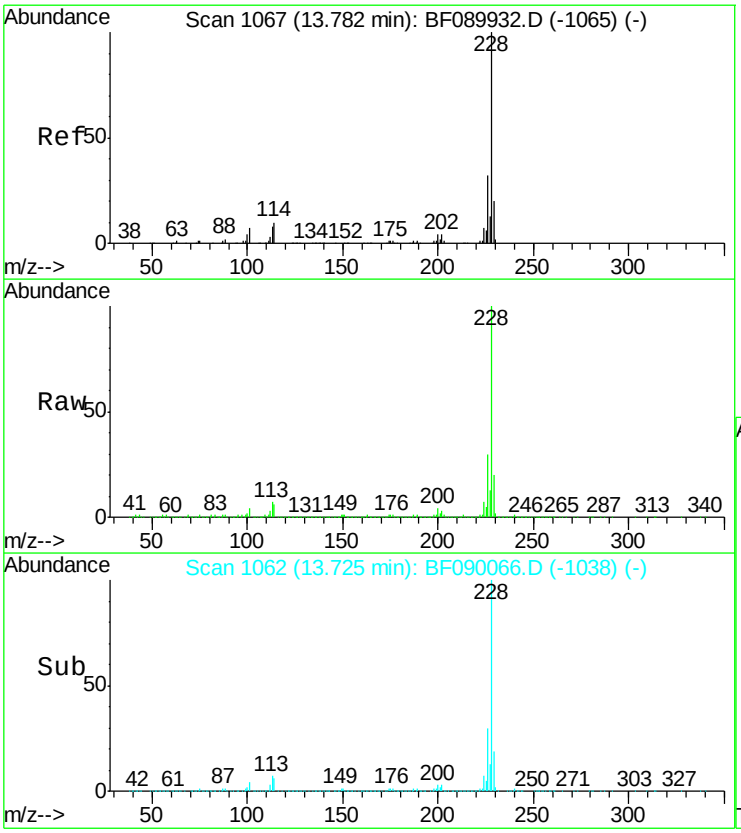

#81
3,3'-Dichlorobenzidine
Concen: 45.20 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:252 Resp: 389599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.4 | 51.3 | 76.9 |
| 126 | 12.7 | 12.3 | 18.5 |

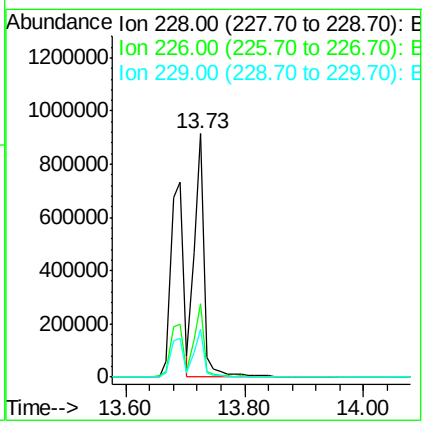


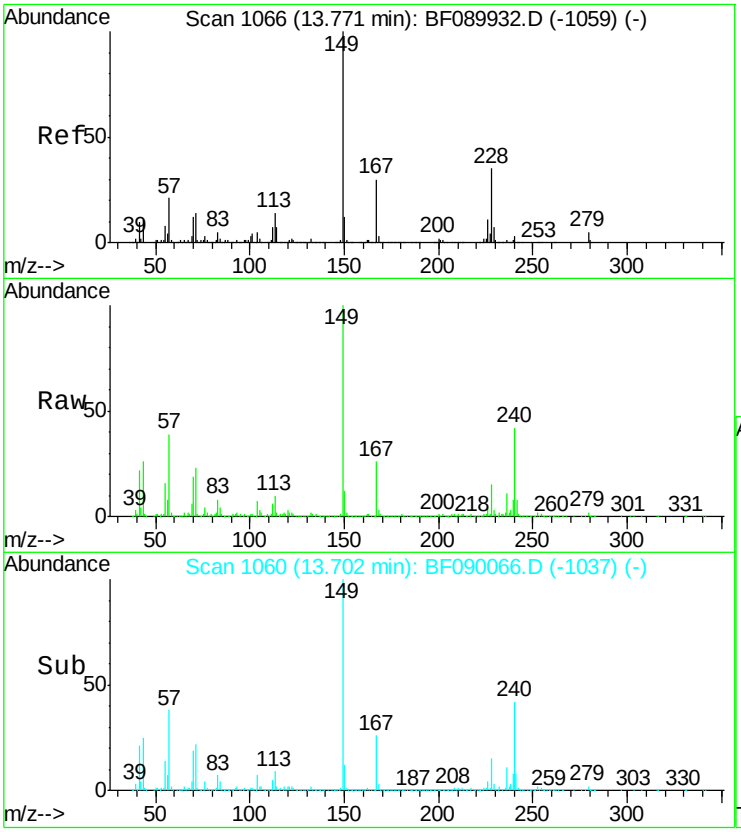




#82
Chrysene
Concen: 48.05 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:228 Resp: 1071729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 25.2 | 37.8 |
| 229 | 19.6 | 16.2 | 24.2 |



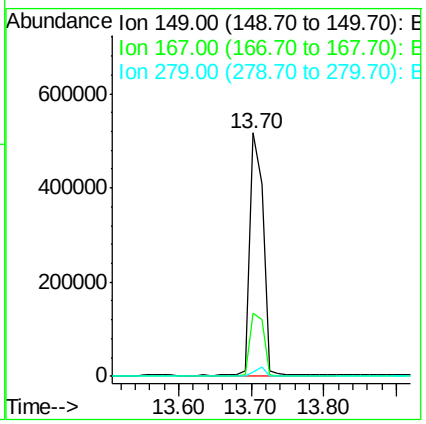


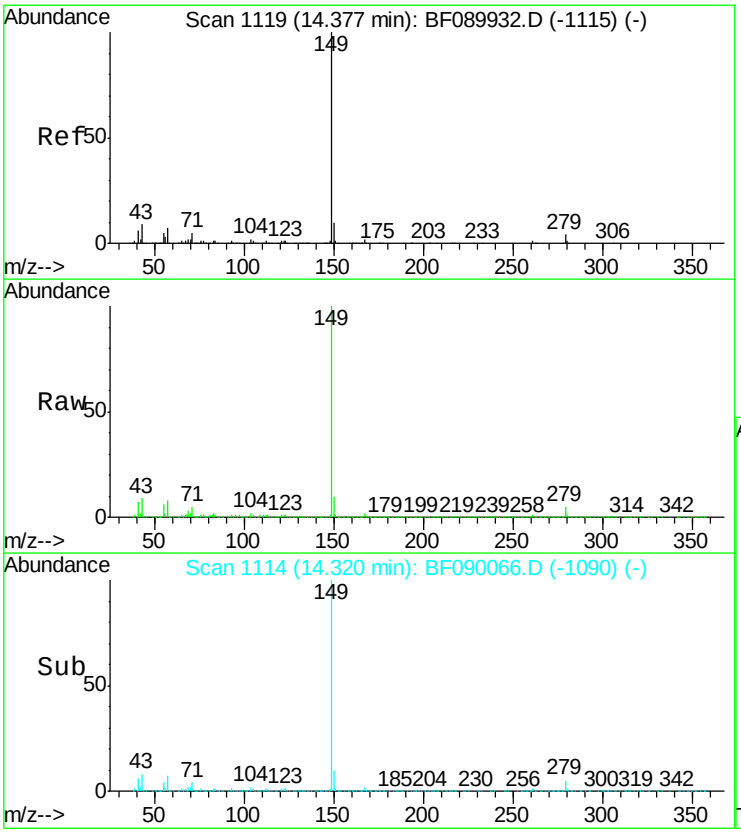

#83
Bis(2-ethylhexyl)phthalate
Concen: 42.80 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:149 Resp: 656192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 23.6 | 35.4 |
| 279 | 1.9 | 3.4 | 5.2# |

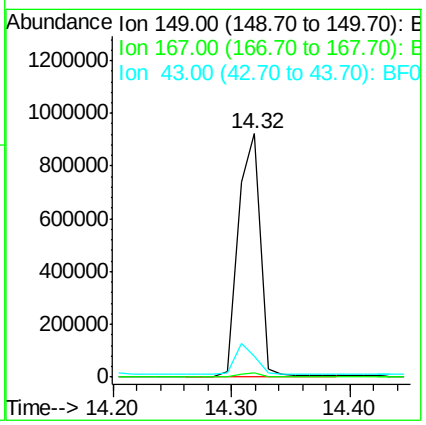


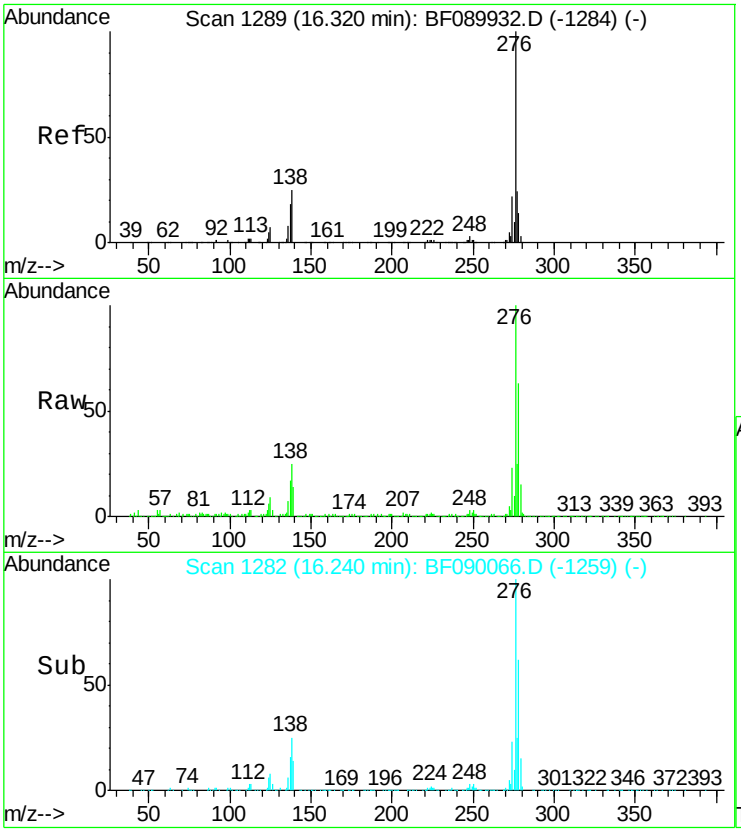




#84
Di-n-octyl phthalate
Concen: 47.51 ng
RT: 14.32 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:149 Resp: 1175844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 11.9 | 9.3 | 13.9 |



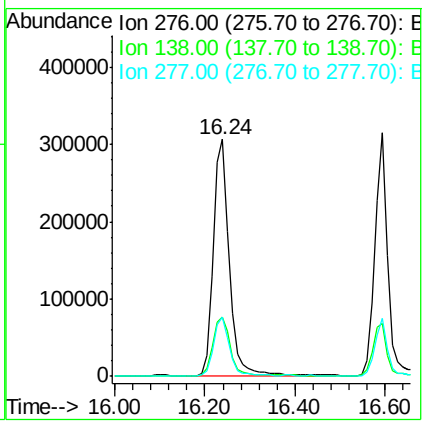


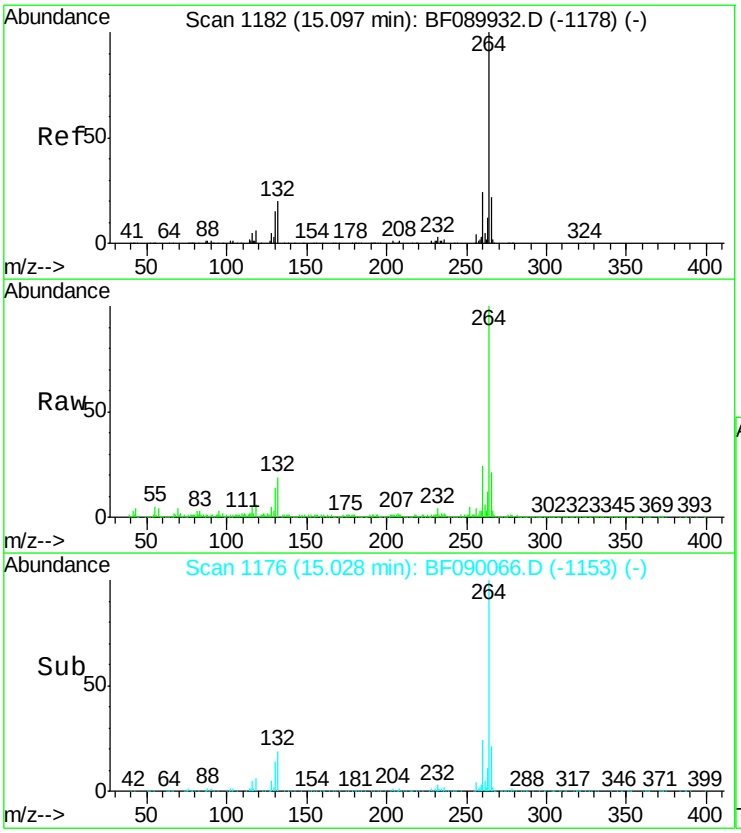

#85
Indeno(1,2,3-cd)pyrene
Concen: 45.90 ng
RT: 16.24 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:276 Resp: 756911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.3 | 22.6 | 34.0 |
| 277 | 24.5 | 20.1 | 30.1 |

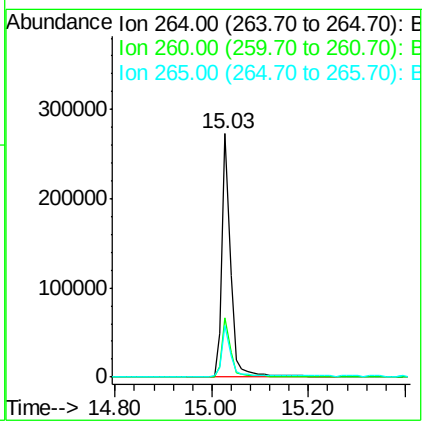


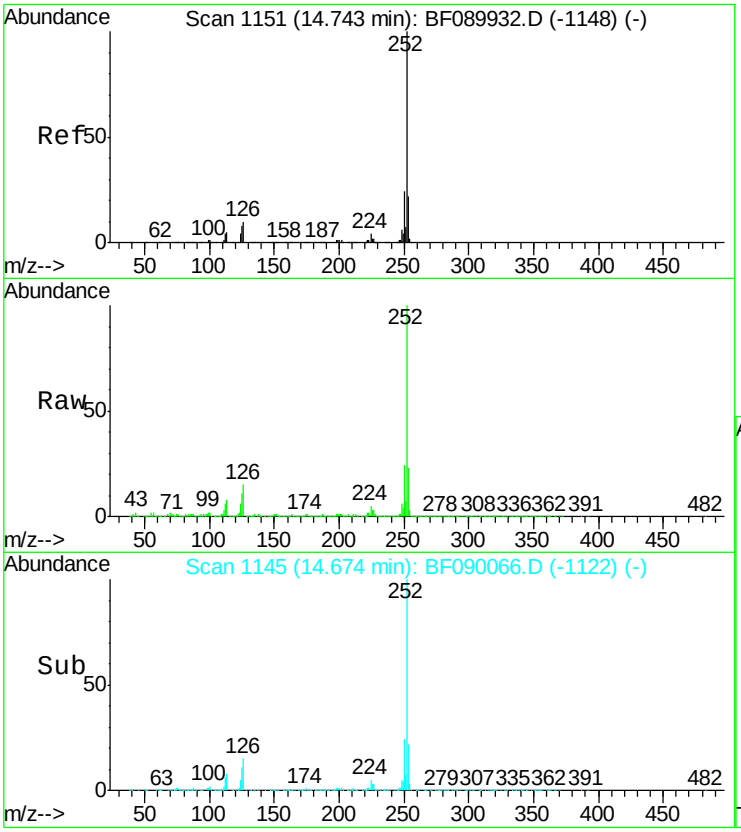




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:264 Resp: 336234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.4 | 29.0 |
| 265 | 21.4 | 17.4 | 26.2 |



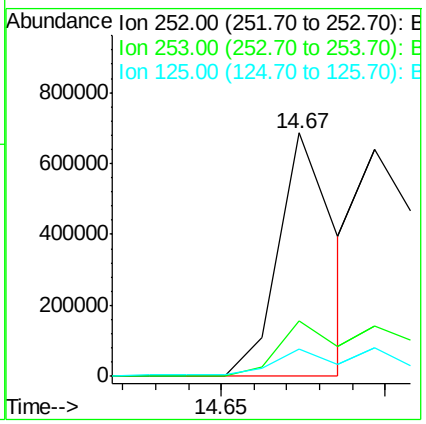


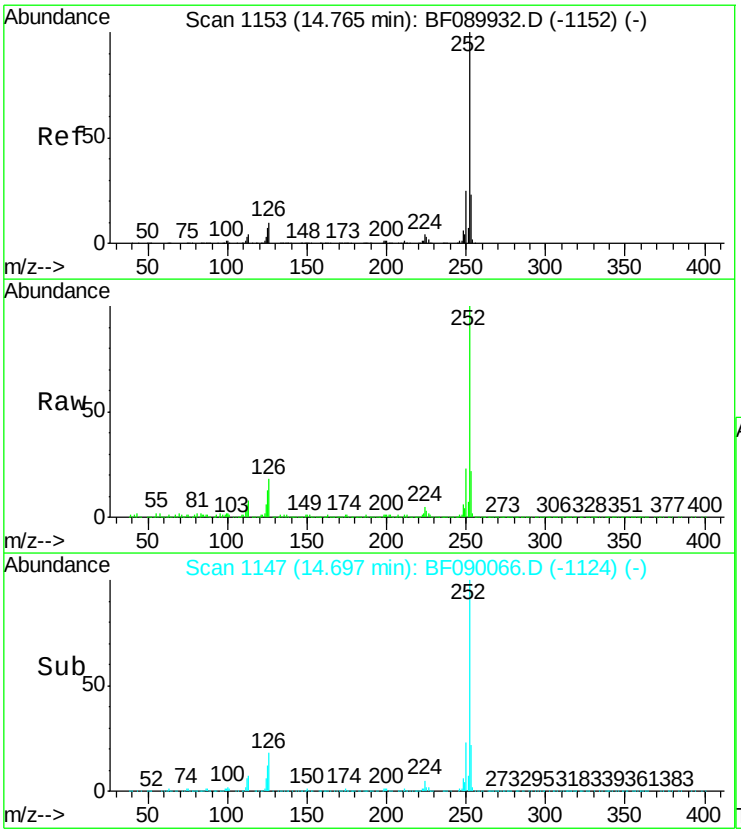

#87
Benzo(b)fluoranthene
Concen: 38.76 ng m
RT: 14.67 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:252 Resp: 816375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 11.3 | 5.7 | 8.5# |

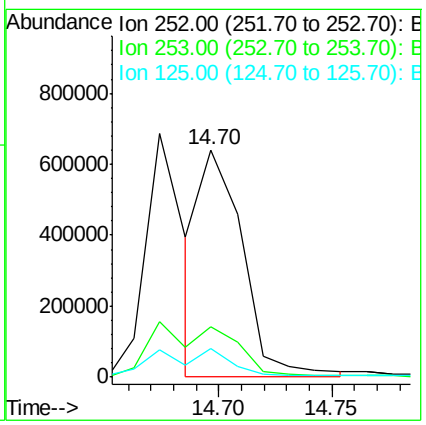


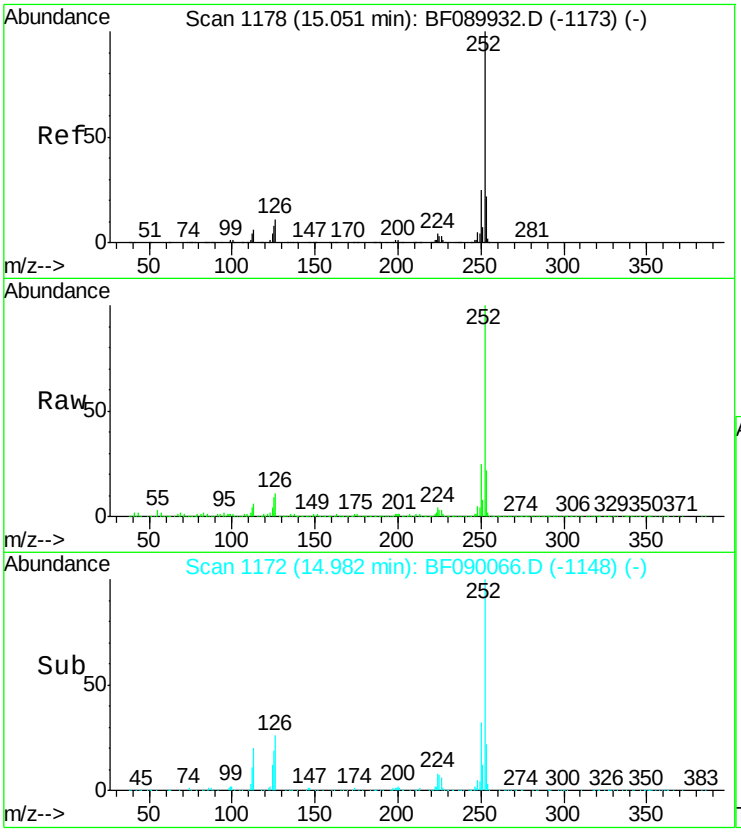




#88
Benzo(k)fluoranthene
Concen: 46.98 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:252 Resp: 839665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.8 |
| 125 | 12.8 | 7.3 | 10.9# |



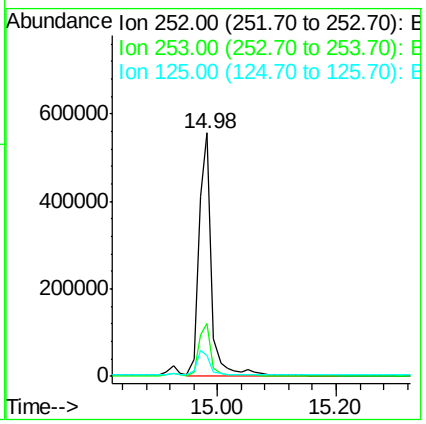


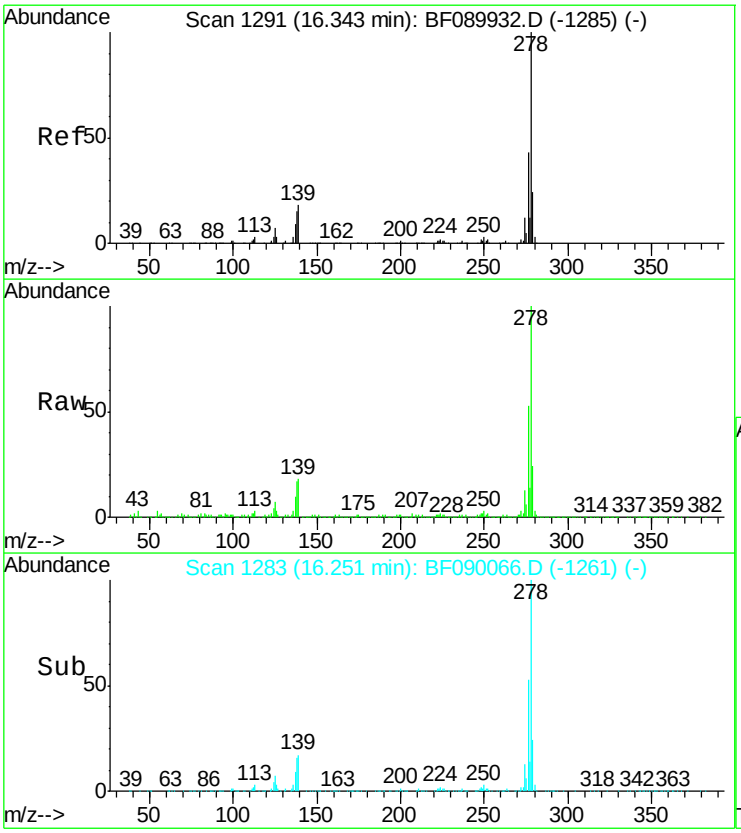

#89
Benzo(a)pyrene
Concen: 45.16 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:252 Resp: 814908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 8.6 | 6.3 | 9.5 |

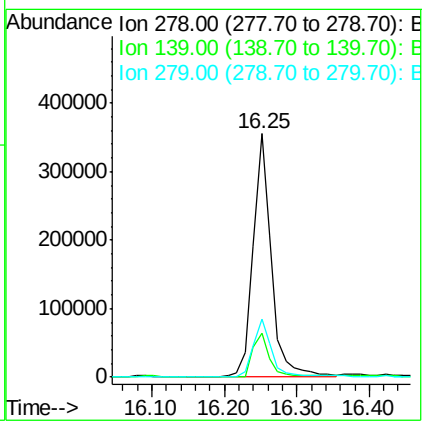


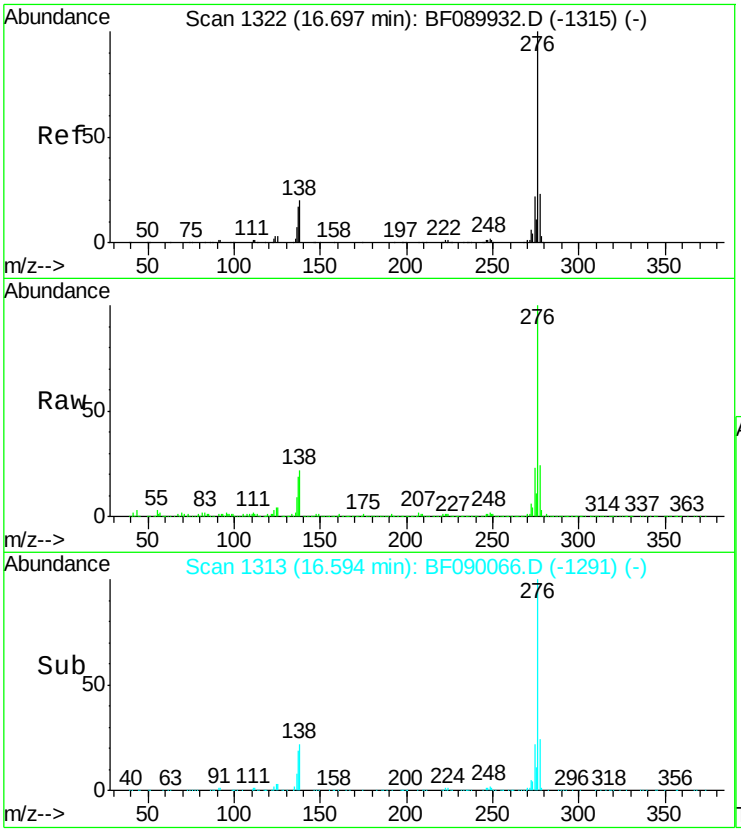




#90
Dibenzo(a,h)anthracene
Concen: 47.24 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:278 Resp: 624629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 13.4 | 20.2 |
| 279 | 24.0 | 19.4 | 29.2 |






#91
Benzo(g,h,i)perylene
Concen: 47.02 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
SP-1AMS

Tgt Ion:276 Resp: 625785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.0 | 28.4 |
| 138 | 21.9 | 16.4 | 24.6 |