Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084558.D
Acq On : 19 Jan 2016 18:01
Operator : SJ/UM
Sample : H1169-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-004(0-2)MS

Quant Time: Jan 20 00:02:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 209416 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 8.09 | 136 | 818699 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 374079 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 661257 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 13.95 | 240 | 386063 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 15.36 | 264 | 349076 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1378631 | 106.48 | ng | | -0.03 |
| 7) Phenol-d6 | 6.44 | 99 | 1793181 | 110.28 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 1232819 | 83.81 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 394715 | 104.51 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 1582408 | 73.56 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.90 | 244 | 1242173 | 71.82 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.41 | 88 | 204137 | 33.28 | ng | # | 76 |
| 3) Pyridine | 3.12 | 79 | 377137 | 22.05 | ng | # | 68 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 268067 | 30.54 | ng | # | 70 |
| 6) Aniline | 6.45 | 93 | 478697 | 20.12 | ng | # | 16 |
| 8) 2-Chlorophenol | 6.58 | 128 | 574857 | 39.13 | ng | | 86 |
| 9) Benzaldehyde | 6.34 | 77 | 30370 | 2.87 | ng | # | 75 |
| 10) Phenol | 6.45 | 94 | 645679 | 34.92 | ng | | 74 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 570530 | 39.84 | ng | | 84 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 616740 | 40.70 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 579802 | 38.16 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 598047 | 41.10 | ng | | 99 |
| 15) Benzyl Alcohol | 6.94 | 79 | 491319 | 35.92 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 930358 | 35.67 | ng | | 87 |
| 17) 2-Methylphenol | 7.07 | 107 | 484278 | 39.34 | ng | # | 93 |
| 18) Hexachloroethane | 7.31 | 117 | 295785 | 48.68 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 427503 | 38.84 | ng | # | 76 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 572134 | 39.54 | ng | # | 77 |
| 22) Acetophenone | 7.21 | 105 | 846821 | 43.02 | ng | | 97 |
| 24) Nitrobenzene | 7.38 | 77 | 588533 | 39.45 | ng | | 94 |
| 25) Isophorone | 7.63 | 82 | 1168502 | 41.53 | ng | # | 94 |
| 26) 2-Nitrophenol | 7.70 | 139 | 315778 | 46.50 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 7.74 | 122 | 525032 | 38.20 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93 | 677640 | 39.43 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 503702 | 44.00 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 514556 | 43.53 | ng | # | 94 |
| 31) Naphthalene | 8.11 | 128 | 1815227 | 48.87 | ng | | 100 |
| 32) Benzoic acid | 7.82 | 122 | 52308 | 11.39 | ng | # | 50 |
| 33) 4-Chloroaniline | 8.16 | 127 | 384460 | 22.58 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 283786 | 41.77 | ng | | 99 |
| 35) Caprolactam | 8.53 | 113 | 134720 | 34.91 | ng | # | 43 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 503421 | 39.25 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 1117739 | 41.92 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 469497 | 43.66 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 352168 | 54.25 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084558.D
Acq On : 19 Jan 2016 18:01
Operator : SJ/UM
Sample : H1169-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-004(0-2)MS

Quant Time: Jan 20 00:02:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.08 | 196 | 331259 | 41.17 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 333557 | 43.25 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 1338168 | 45.01 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 997480 | 42.71 | ng | | 92 |
| 47) 2-Nitroaniline | 9.38 | 65 | 332534 | 43.14 | ng | | 94 |
| 48) Acenaphthylene | 9.70 | 152 | 1412201 | 40.93 | ng | | 97 |
| 49) Dimethylphthalate | 9.57 | 163 | 1566225 | 58.57 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 283564 | 48.35 | ng | # | 79 |
| 51) Acenaphthene | 9.87 | 154 | 965740 | 41.73 | ng | | 97 |
| 52) 3-Nitroaniline | 9.79 | 138 | 216130 | 29.74 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 9.90 | 184 | 134576 | 55.02 | ng | | 92 |
| 54) Dibenzofuran | 10.04 | 168 | 1203274 | 39.80 | ng | | 90 |
| 55) 4-Nitrophenol | 9.97 | 139 | 405041 | 76.78 | ng | # | 85 |
| 56) 2,4-Dinitrotoluene | 10.03 | 165 | 334900 | 45.11 | ng | | 94 |
| 57) Fluorene | 10.38 | 166 | 951467 | 40.83 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 271907 | 41.29 | ng | | 89 |
| 59) Diethylphthalate | 10.27 | 149 | 1152268 | 43.70 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204 | 441595 | 45.19 | ng | # | 83 |
| 61) 4-Nitroaniline | 10.41 | 138 | 235757 | 36.39 | ng | | 94 |
| 62) Azobenzene | 10.53 | 77 | 1125671 | 38.92 | ng | | 86 |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198 | 148584 | 36.82 | ng | | 76 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 904004 | 42.76 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 281156 | 39.50 | ng | # | 76 |
| 67) Hexachlorobenzene | 10.93 | 284 | 321812 | 40.17 | ng | | 100 |
| 68) Atrazine | 11.02 | 200 | 250270 | 36.17 | ng | | 98 |
| 69) Pentachlorophenol | 11.13 | 266 | 285008 | 68.62 | ng | | 97 |
| 70) Phenanthrene | 11.34 | 178 | 1476616 | 42.69 | ng | | 97 |
| 71) Anthracene | 11.39 | 178 | 1385838 | 40.87 | ng | | 99 |
| 72) Carbazole | 11.55 | 167 | 1145326 | 34.55 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.89 | 149 | 1637411 | 47.00 | ng | | 98 |
| 74) Fluoranthene | 12.53 | 202 | 1436815 | 39.76 | ng | | 93 |
| 76) Benzidine | 12.66 | 184 | 107784 | 7.79 | ng | | 99 |
| 77) Pyrene | 12.76 | 202 | 1372953 | 45.32 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.38 | 149 | 523703 | 39.95 | ng | | 88 |
| 80) Benzo(a)anthracene | 13.94 | 228 | 994782 | 43.88 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.91 | 252 | 268014 | 33.88 | ng | # | 92 |
| 82) Chrysene | 13.99 | 228 | 921948 | 42.32 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 671498 | 40.54 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.56 | 149 | 1192579 | 42.65 | ng | # | 89 |
| 85) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 941872 | 54.55 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 1965666 | 86.08 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 14.99 | 252 | 1965666 | 105.26 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.30 | 252 | 962971 | 49.72 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.74 | 278 | 761933 | 45.72 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.14 | 276 | 774061 | 44.85 | ng | | 95 |

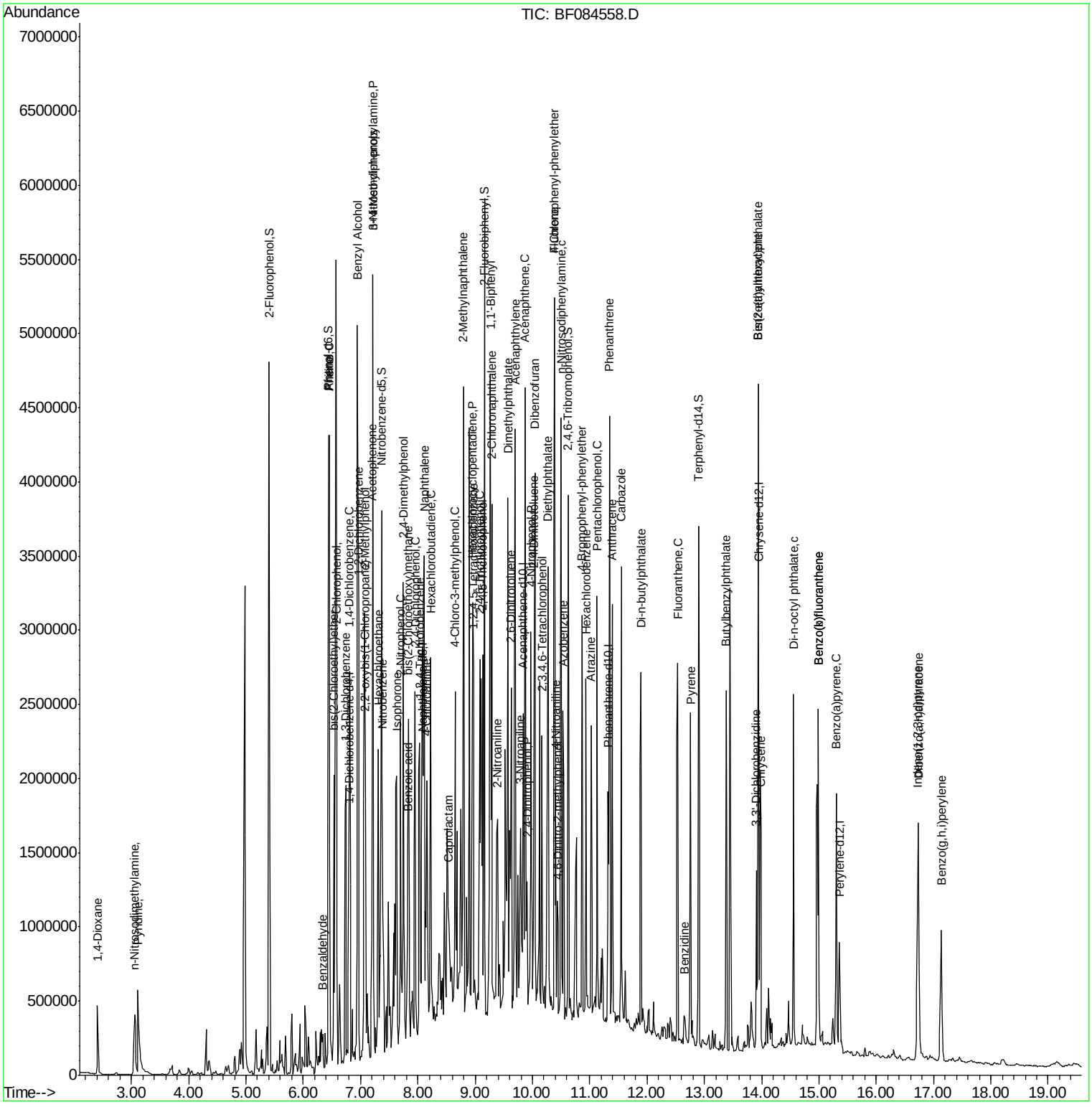
(#) = qualifier out of range (m) = manual integration (+) = signals summed

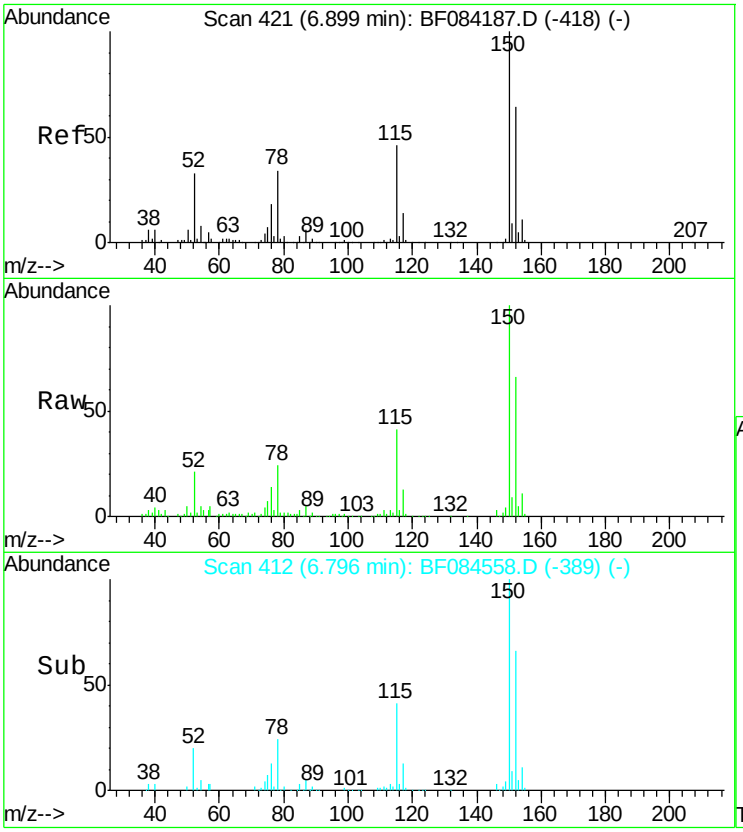
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084558.D
Acq On : 19 Jan 2016 18:01
Operator : SJ/UM
Sample : H1169-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Quant Time: Jan 20 00:02:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



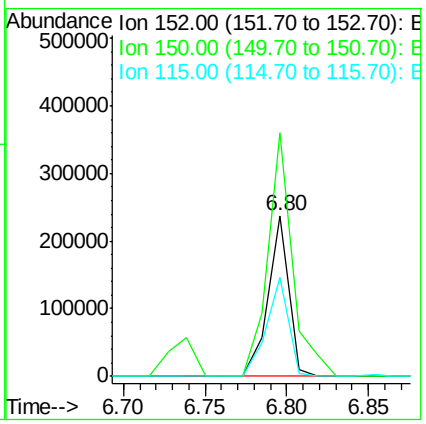


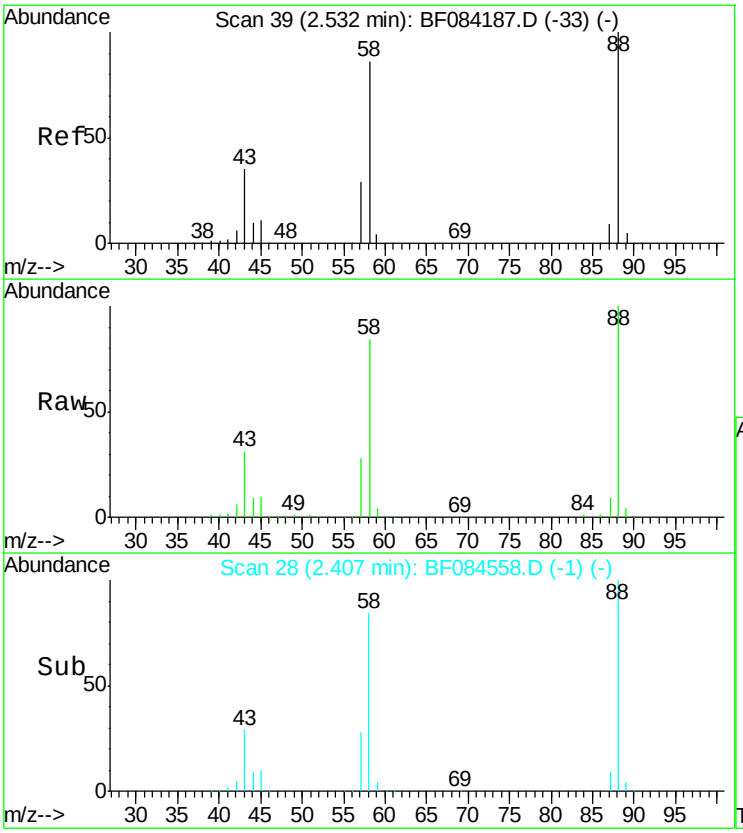

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:152 Resp: 209416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.3 | 123.0 | 184.4 |
| 115 | 61.9 | 51.4 | 77.2 |

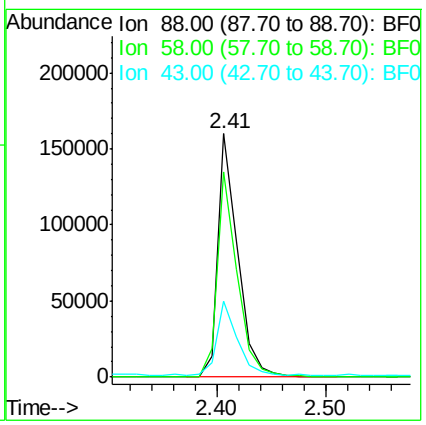


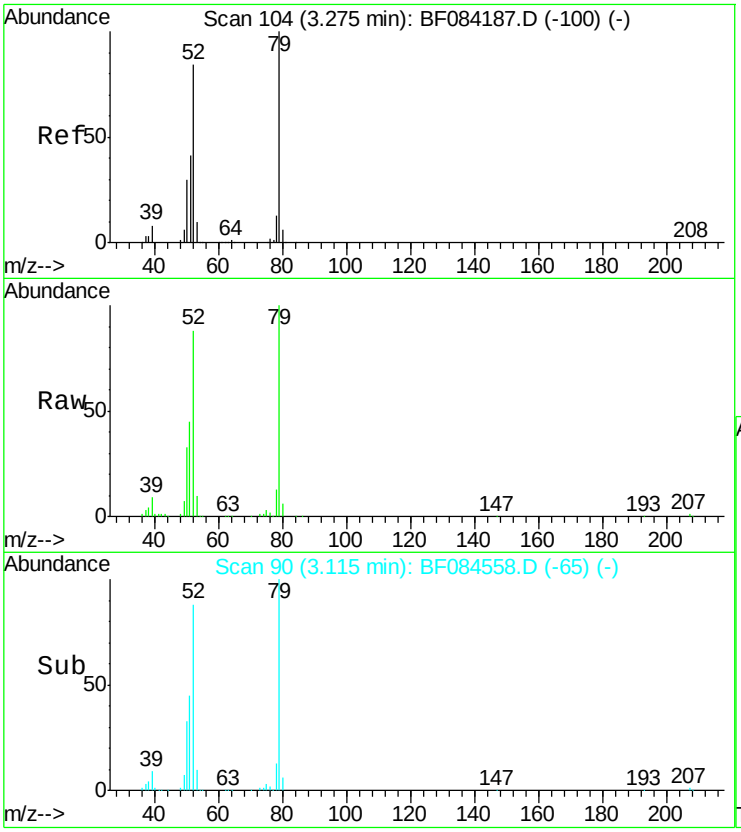




#2
1,4-Dioxane
Concen: 33.28 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.01 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 88 Resp: 204137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.2 | 51.2 | 76.8# |
| 43 | 31.4 | 19.5 | 29.3# |



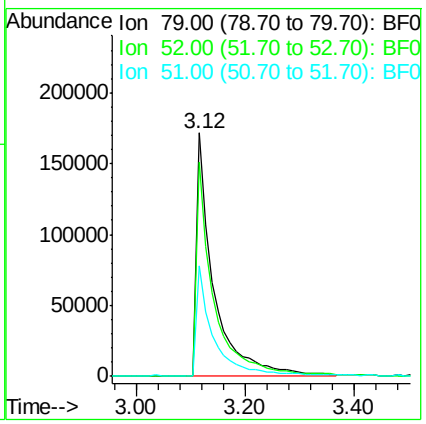


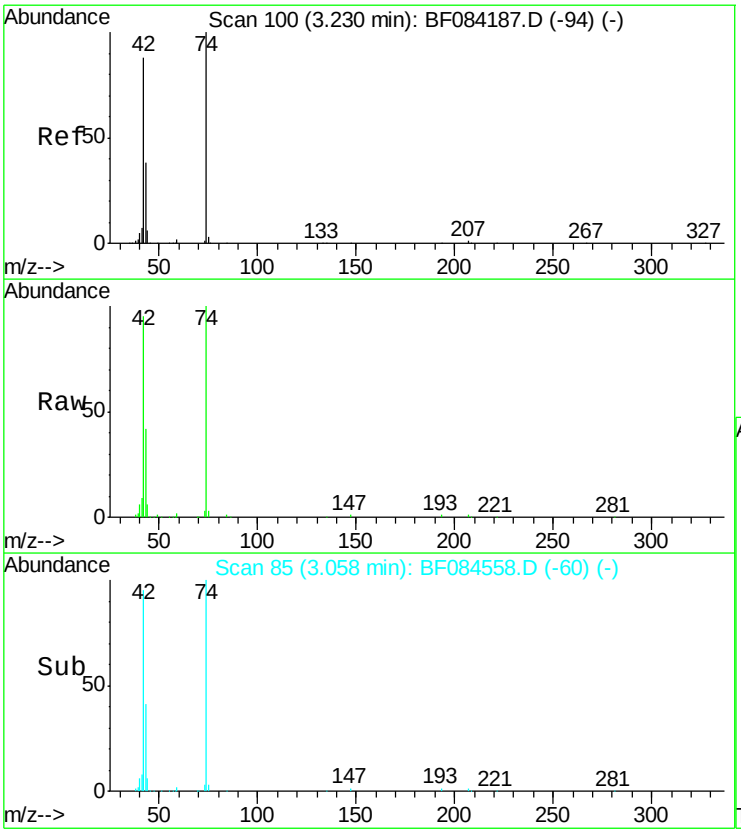

#3
Pyridine
Concen: 22.05 ng
RT: 3.12 min Scan# 90
Delta R.T. -0.01 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 79 Resp: 377137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 88.1 | 49.0 | 73.4# |
| 51 | 45.2 | 25.2 | 37.8# |

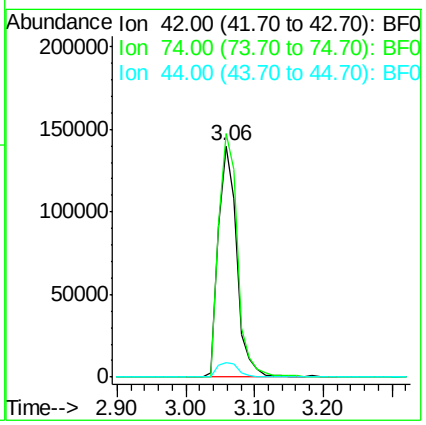


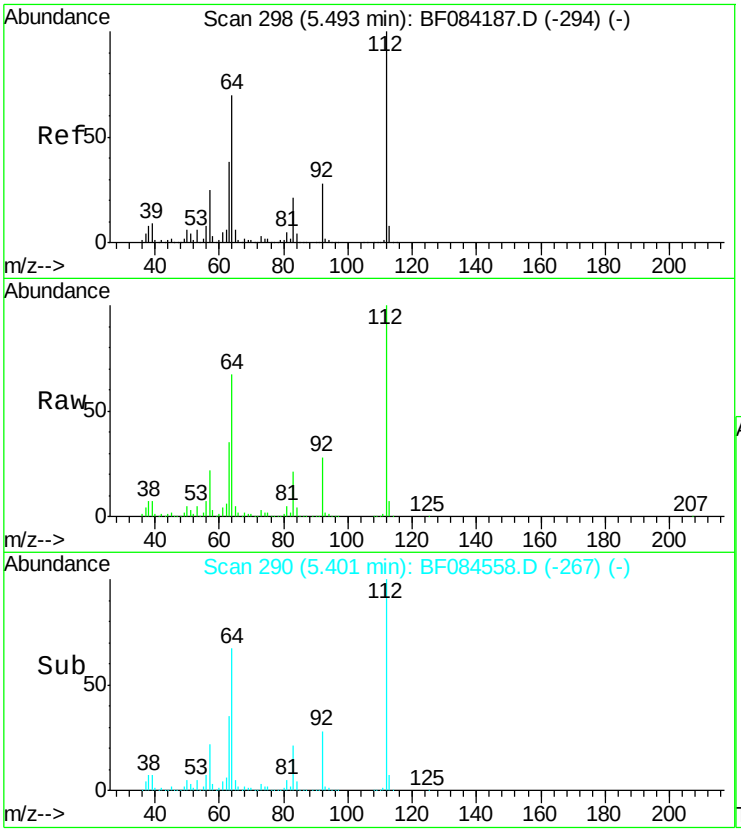




#4
n-Nitrosodimethylamine
Concen: 30.54 ng
RT: 3.06 min Scan# 85
Delta R.T. -0.01 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 42 Resp: 268067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 105.2 | 115.7 | 173.5# |
| 44 | 6.3 | 5.1 | 7.7 |



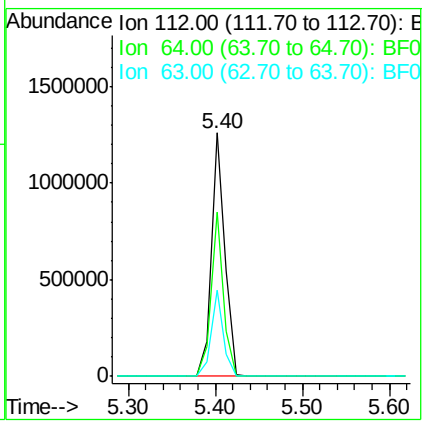


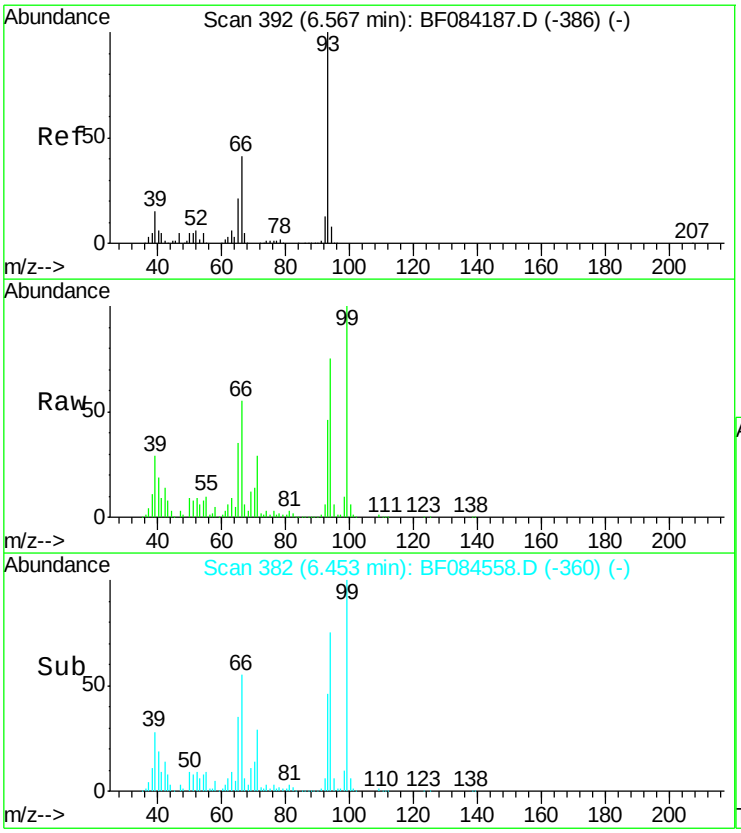

#5
2-Fluorophenol
Concen: 106.48 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:112 Resp: 1378631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.2 | 36.6 | 55.0# |
| 63 | 35.3 | 19.4 | 29.0# |

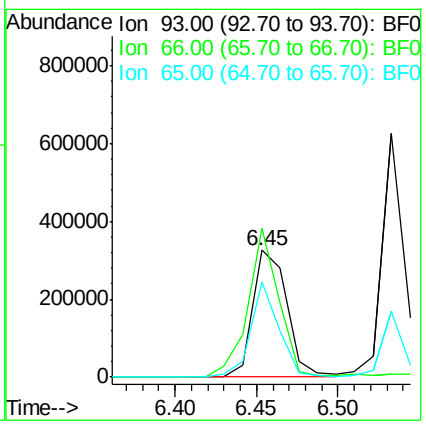


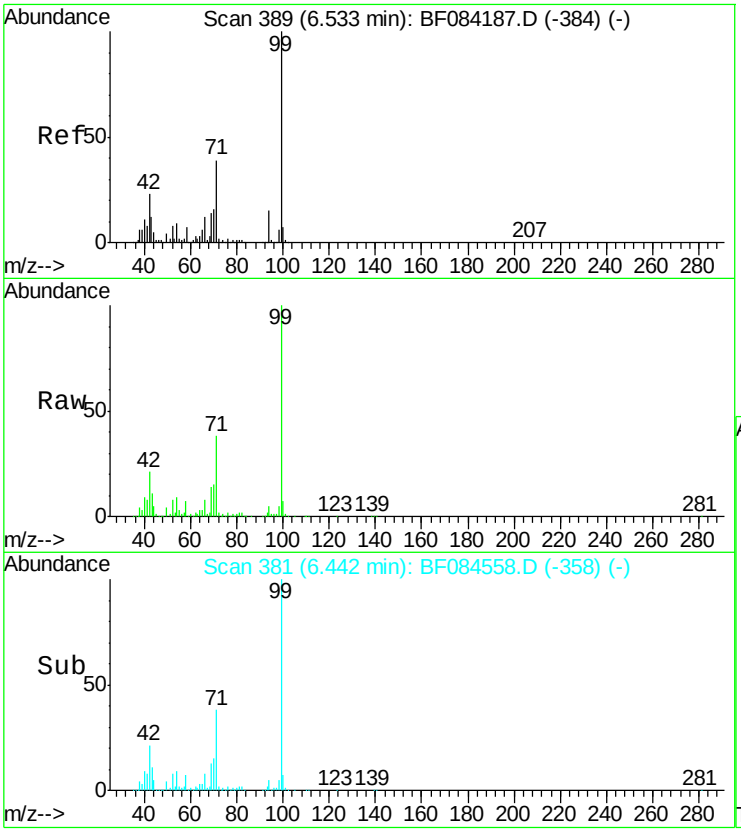




#6
Aniline
Concen: 20.12 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 93 Resp: 478697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 117.6 | 44.9 | 67.3# |
| 65 | 74.6 | 23.7 | 35.5# |



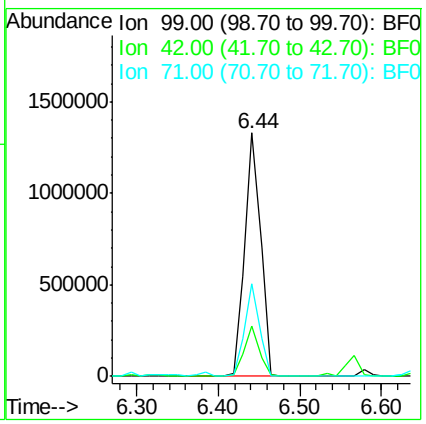


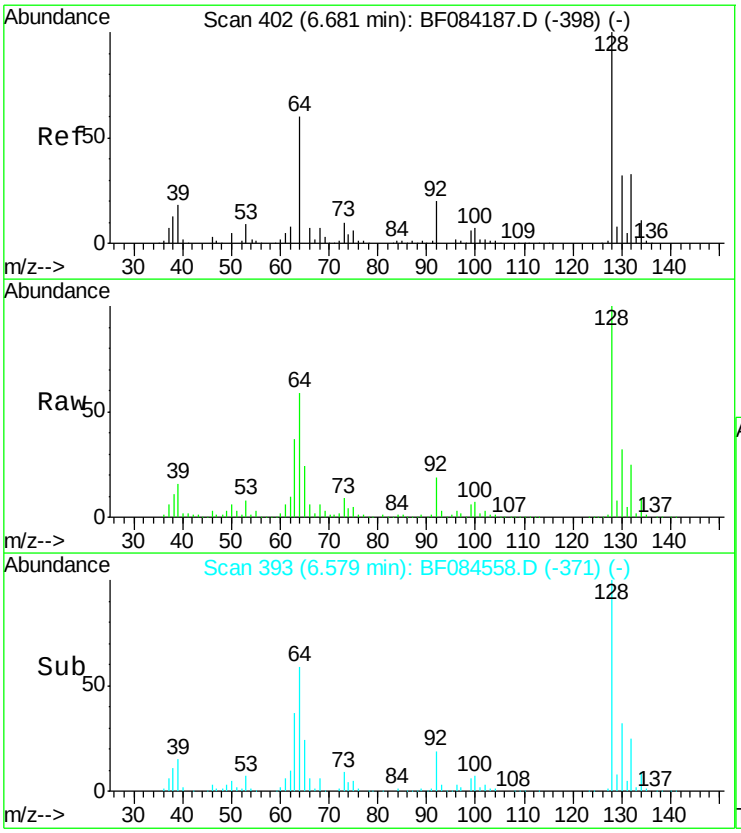

#7
Phenol-d6
Concen: 110.28 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 99 Resp: 1793181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 12.8 | 19.2# |
| 71 | 38.0 | 30.9 | 46.3 |

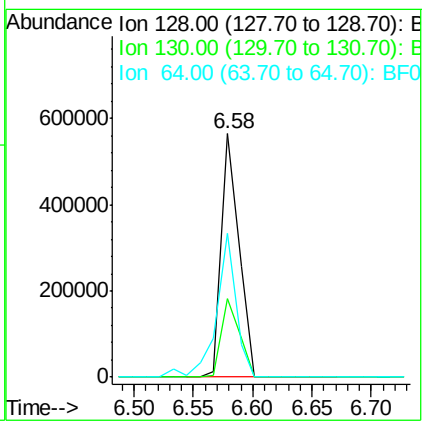


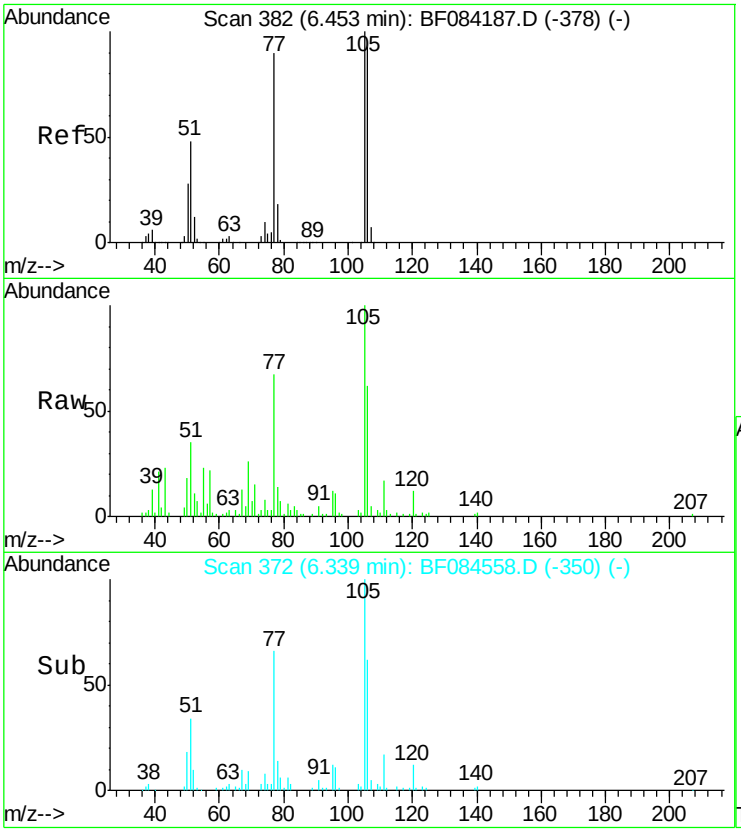




#8
2-Chlorophenol
Concen: 39.13 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:128 Resp: 574857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 11.6 | 51.6 |
| 64 | 59.0 | 23.8 | 63.8 |



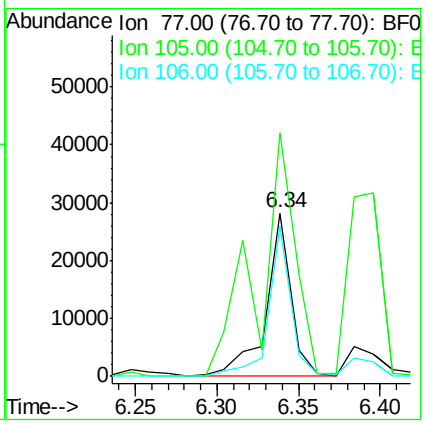


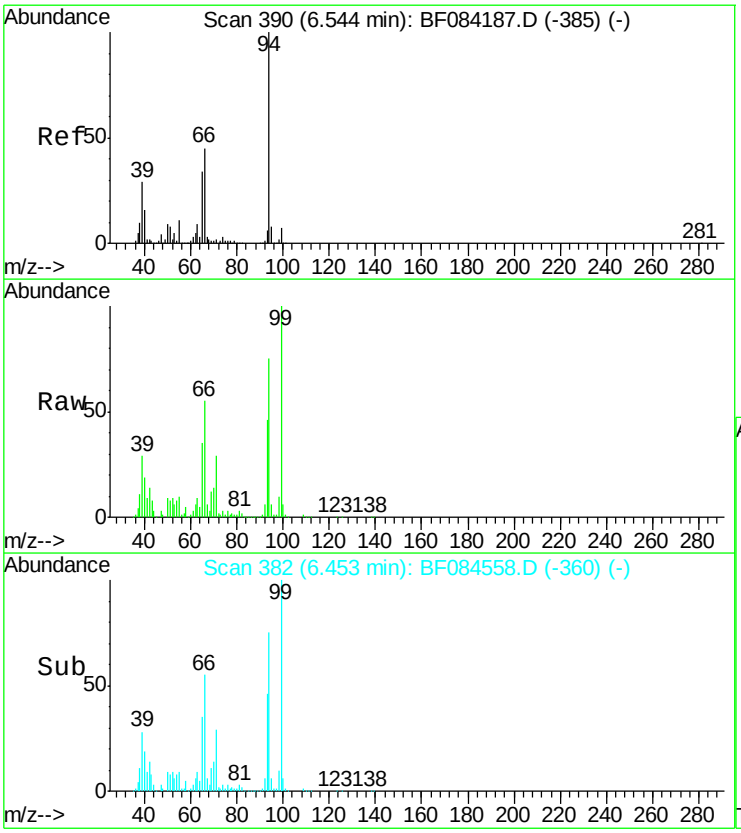

#9
Benzaldehyde
Concen: 2.87 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 77 Resp: 30370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 149.0 | 83.0 | 123.0# |
| 106 | 91.9 | 74.6 | 114.6 |

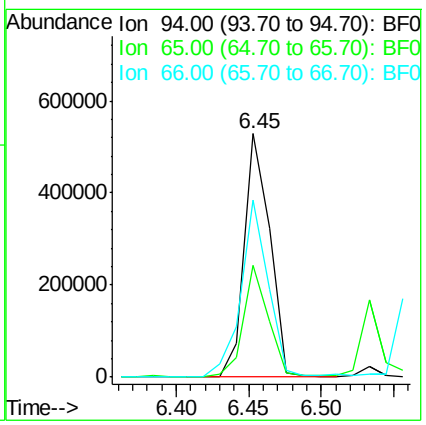


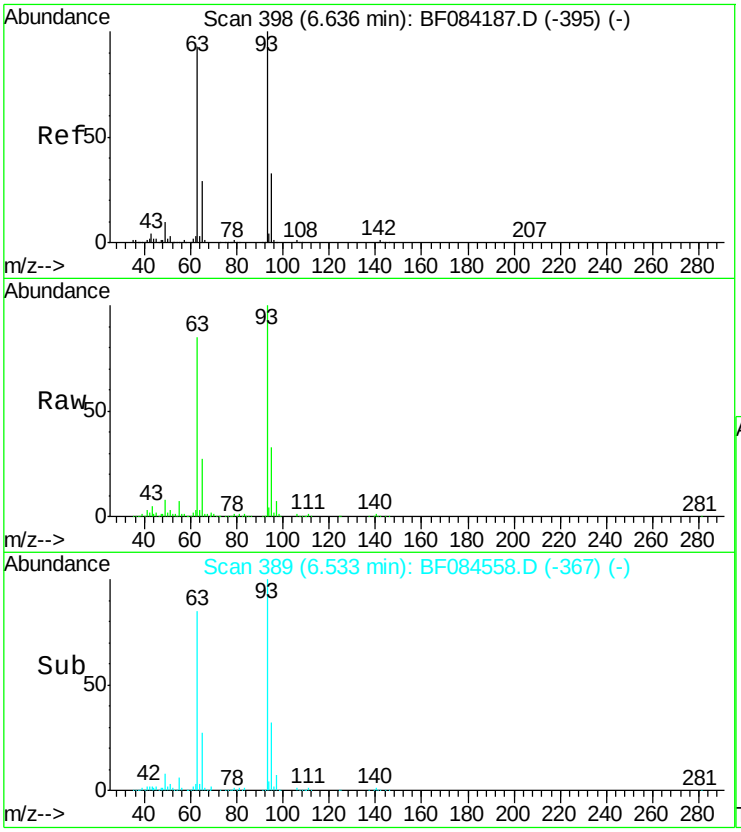




#10
Phenol
Concen: 34.92 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 94 Resp: 645679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 46.0 | 12.9 | 52.9 |
| 66 | 72.5 | 32.7 | 72.7 |



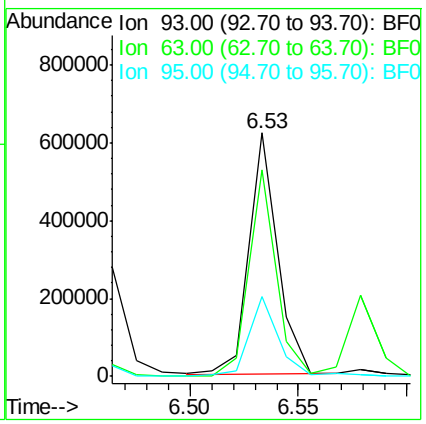


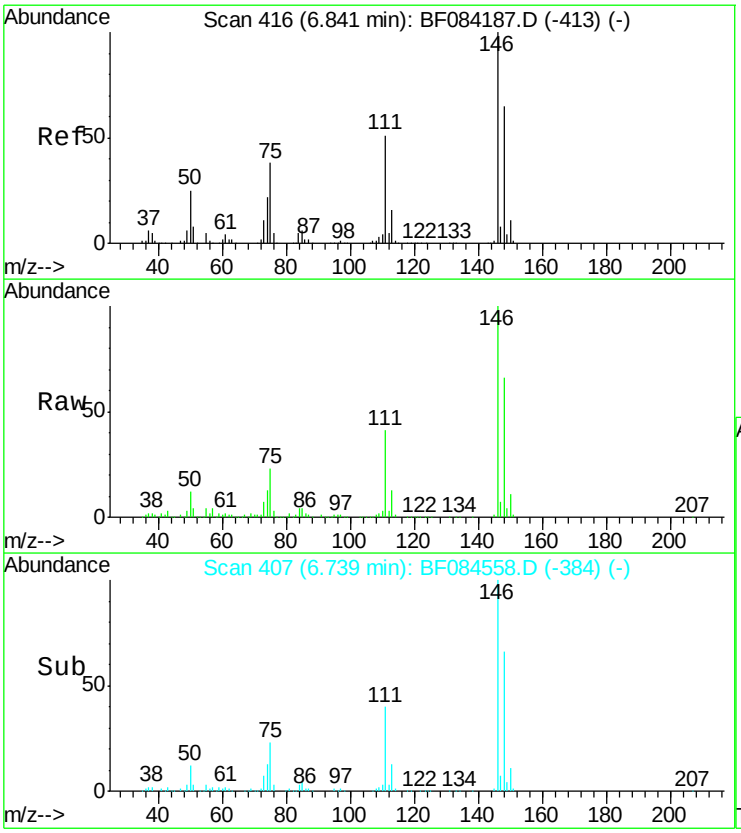

#11
bis(2-Chloroethyl)ether
Concen: 39.84 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 93 Resp: 570530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.9 | 45.9 | 85.9 |
| 95 | 32.7 | 12.3 | 52.3 |

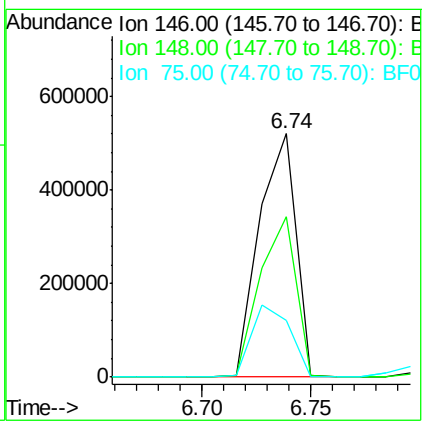


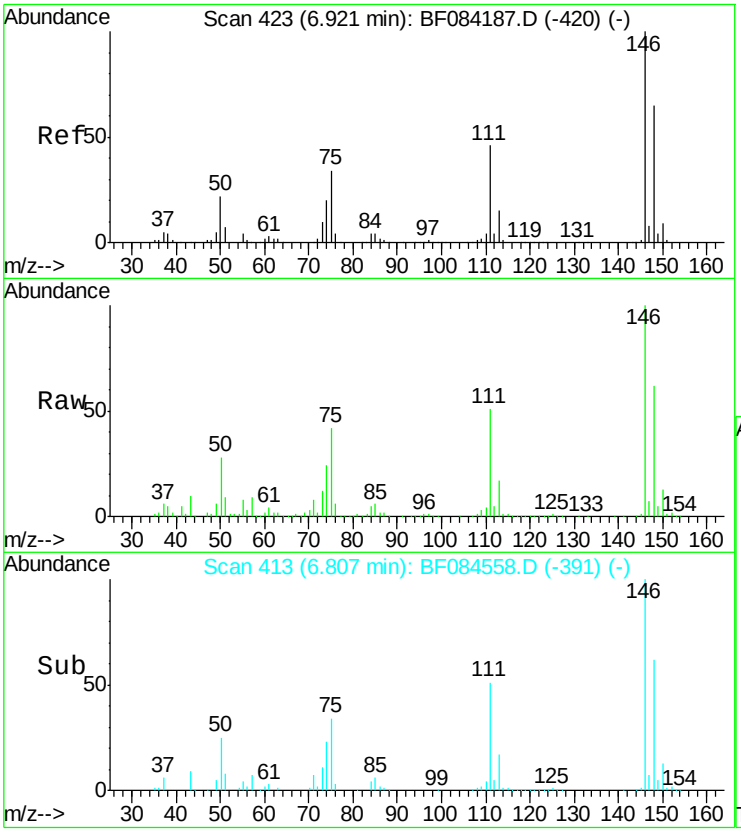




#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:146 Resp: 616740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 51.9 | 77.9 |
| 75 | 23.4 | 20.5 | 30.7 |



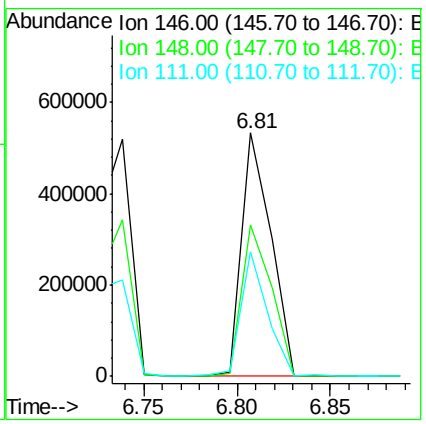


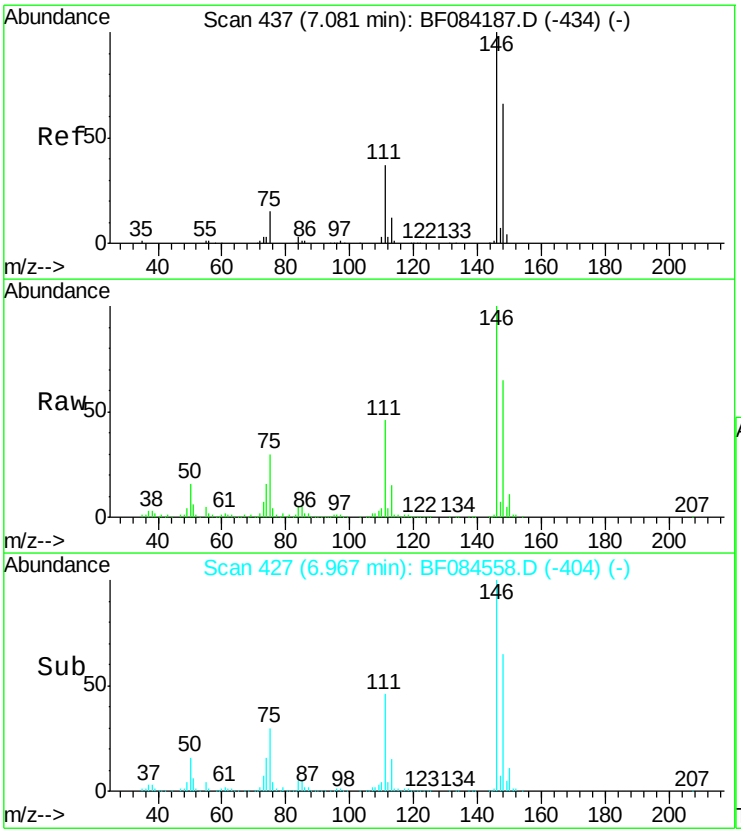

#13
1,4-Dichlorobenzene
Concen: 38.16 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:146 Resp: 579802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 51.9 | 77.9 |
| 111 | 50.9 | 41.6 | 62.4 |

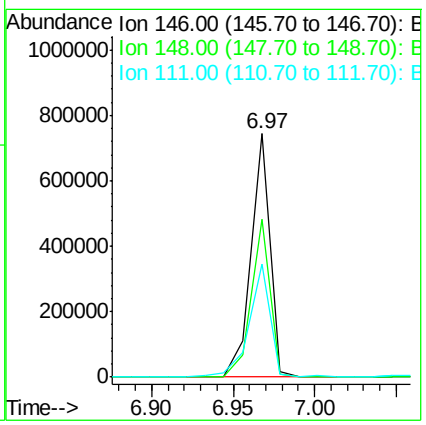


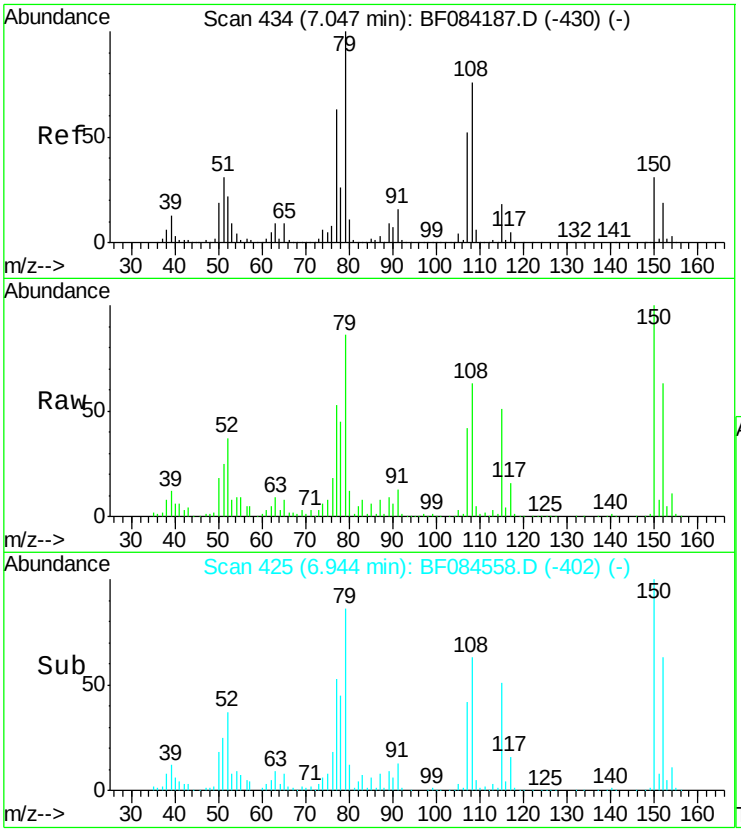




#14
1,2-Dichlorobenzene
Concen: 41.10 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:146 Resp: 598047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 51.6 | 77.4 |
| 111 | 46.3 | 38.0 | 57.0 |



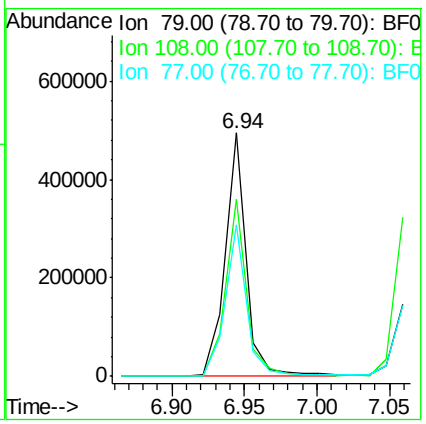


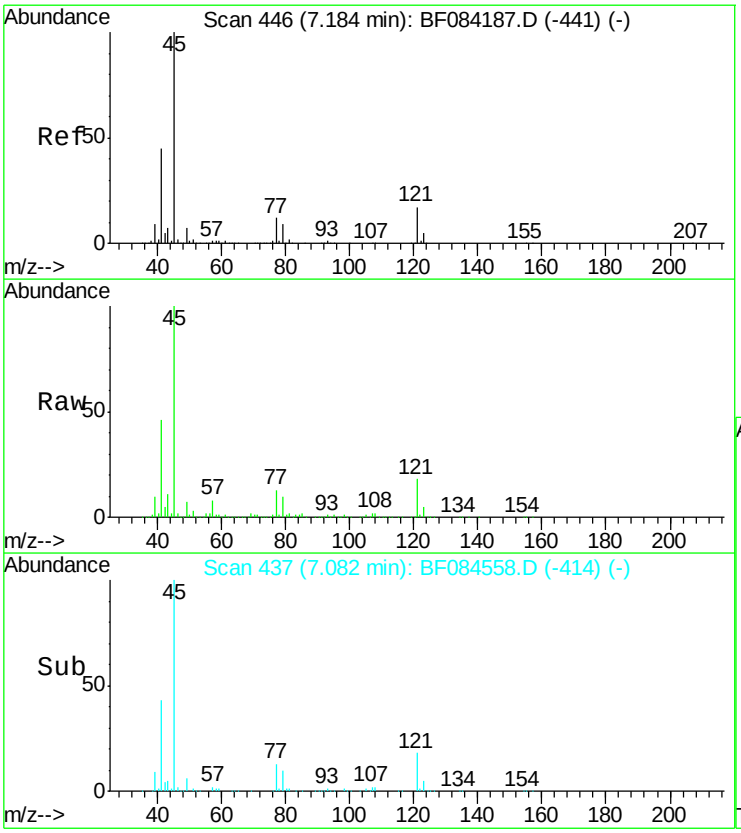

#15
Benzyl Alcohol
Concen: 35.92 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 79 Resp: 491319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.6 | 69.0 | 103.4 |
| 77 | 62.0 | 50.0 | 75.0 |

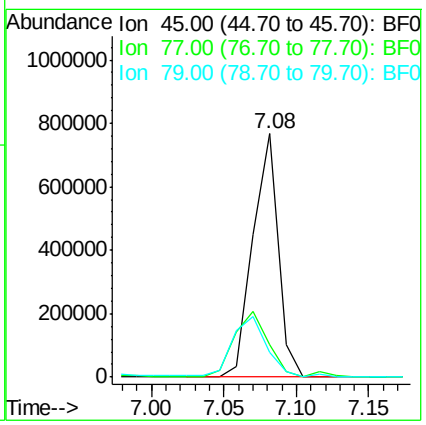


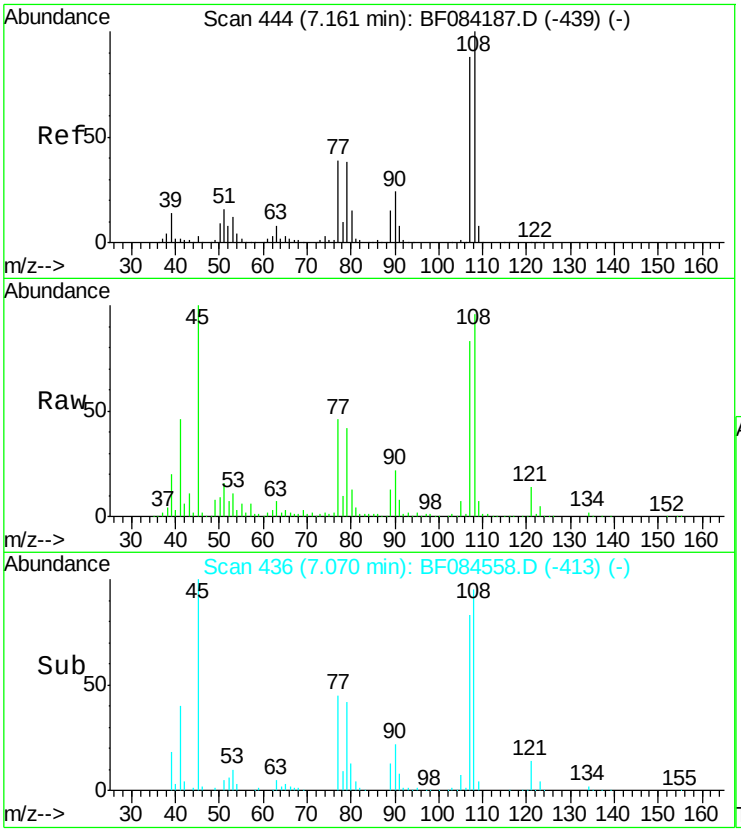




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.67 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 45 Resp: 930358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.2 | 0.0 | 39.6 |
| 79 | 10.1 | 0.0 | 35.0 |



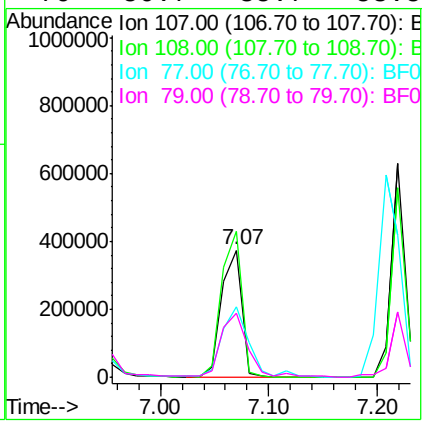


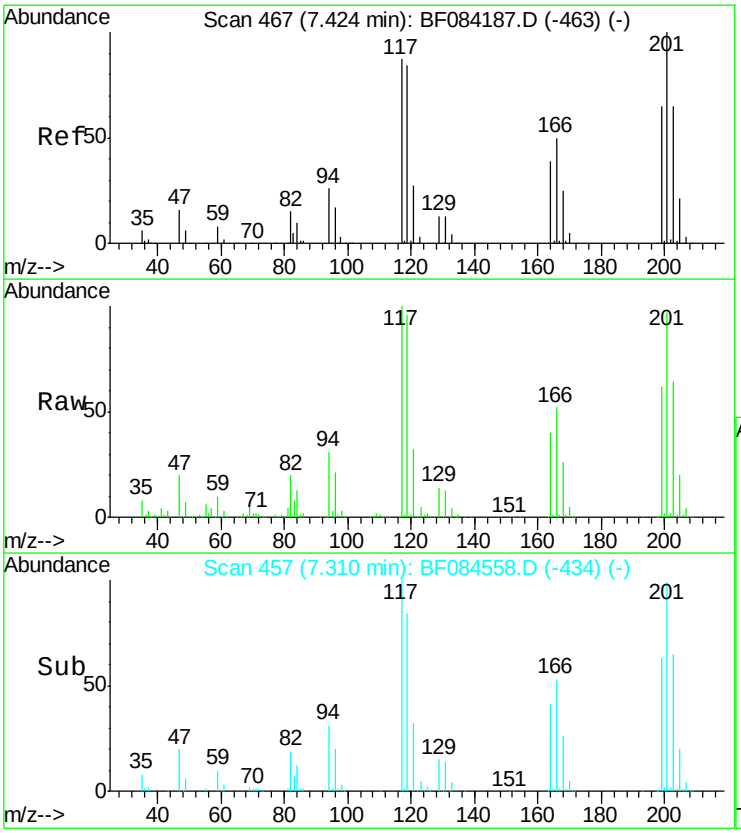

#17
2-Methylphenol
Concen: 39.34 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:107 Resp: 484278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.8 | 89.8 | 134.6 |
| 77 | 55.1 | 35.7 | 53.5# |
| 79 | 50.7 | 35.7 | 53.5 |

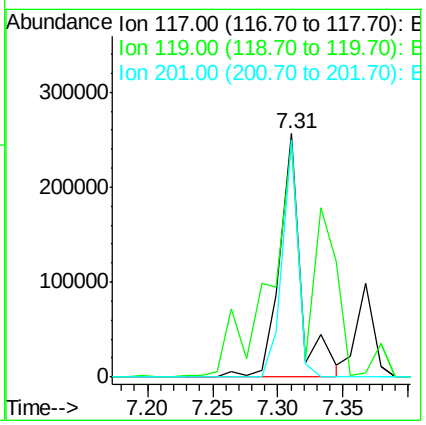


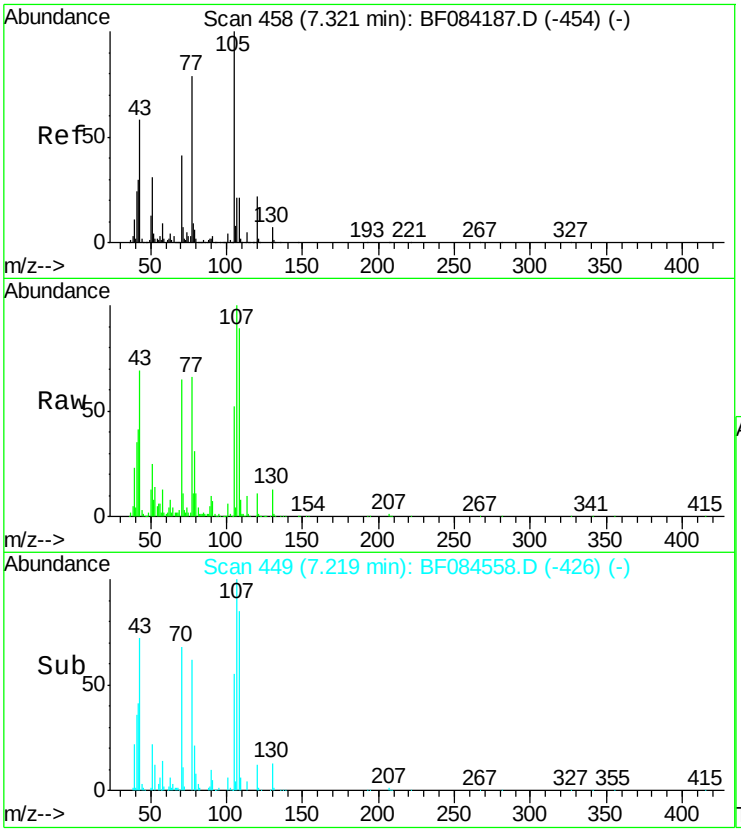




#18
Hexachloroethane
Concen: 48.68 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:117 Resp: 295785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.9 | 77.4 | 116.0 |
| 201 | 97.4 | 68.6 | 103.0 |



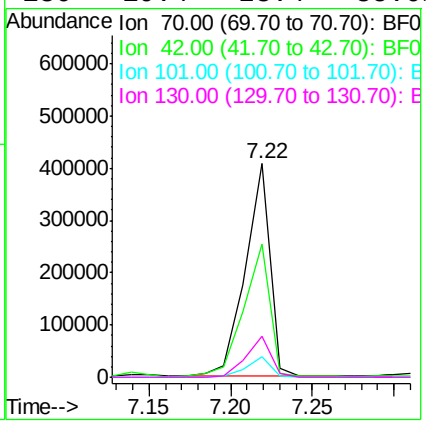


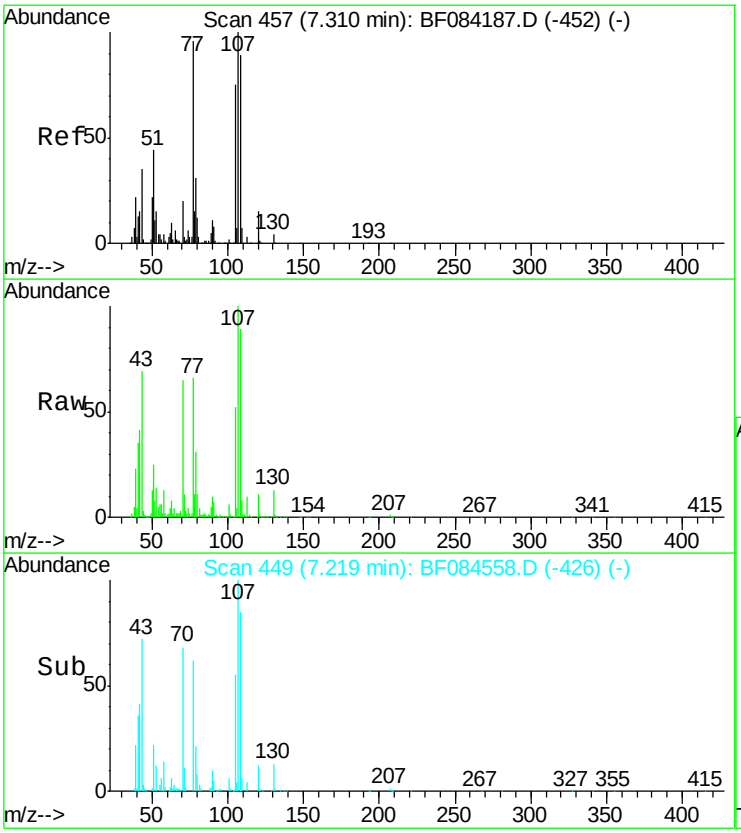

#19
n-Nitroso-di-n-propylamine
Concen: 38.84 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 70 Resp: 427503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.3 | 33.3 | 49.9# |
| 101 | 9.6 | 9.3 | 13.9 |
| 130 | 19.4 | 23.4 | 35.0# |

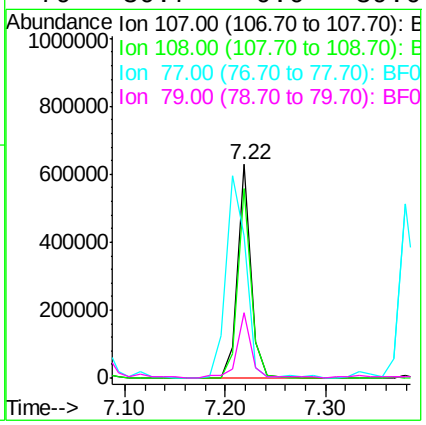


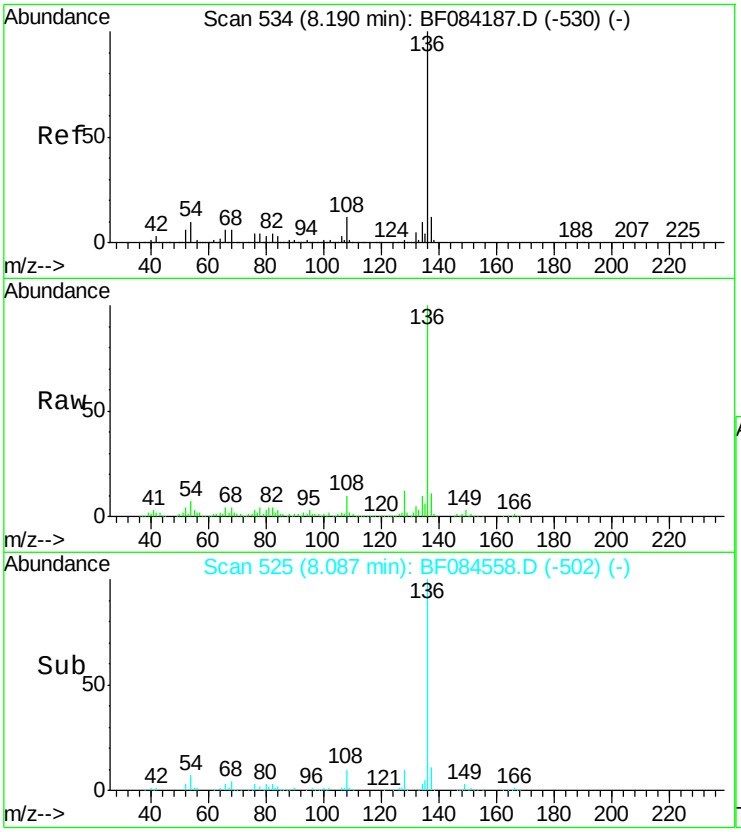




#20
3+4-Methylphenols
Concen: 39.54 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:107 Resp: 572134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.6 | 74.6 | 114.6 |
| 77 | 66.4 | 0.7 | 40.7# |
| 79 | 30.7 | 0.0 | 39.0 |



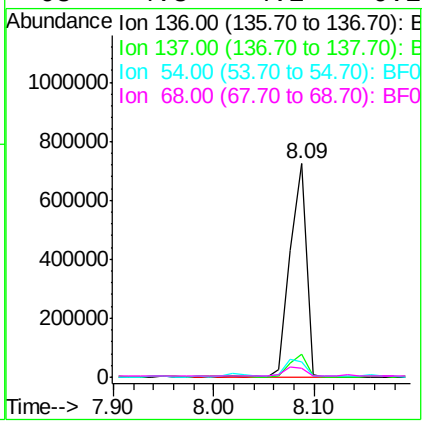


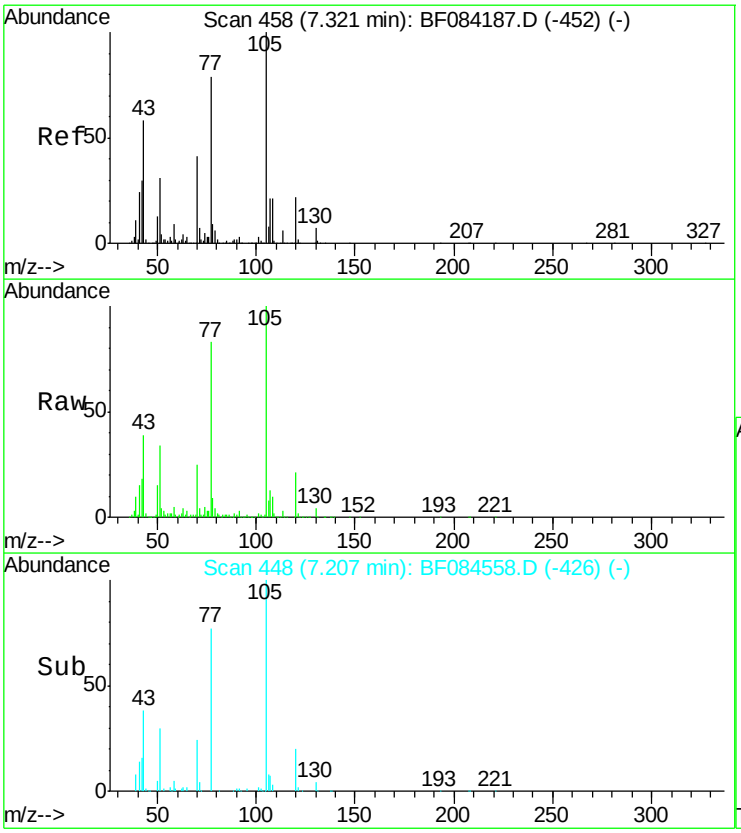

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:136 Resp: 818699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 7.1 | 5.8 | 8.8 |
| 68 | 4.3 | 4.2 | 6.2 |

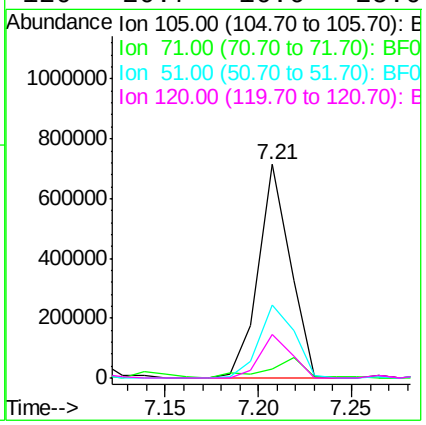


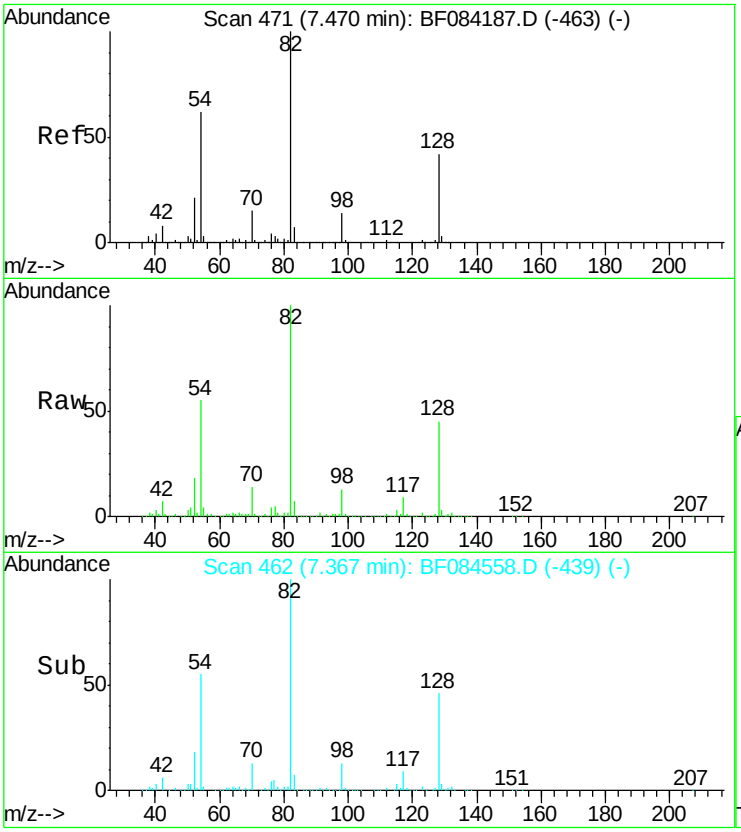




#22
Acetophenone
Concen: 43.02 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:105 Resp: 846821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.4 | 3.7 | 5.5 |
| 51 | 34.3 | 25.1 | 37.7 |
| 120 | 20.7 | 16.6 | 25.0 |



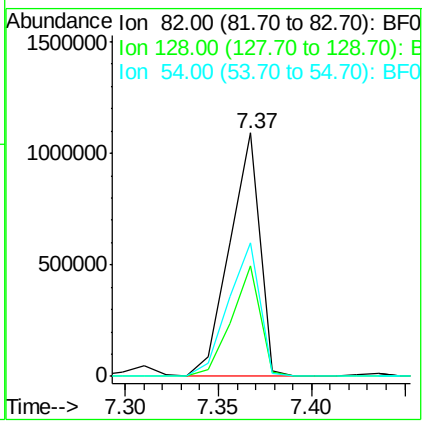


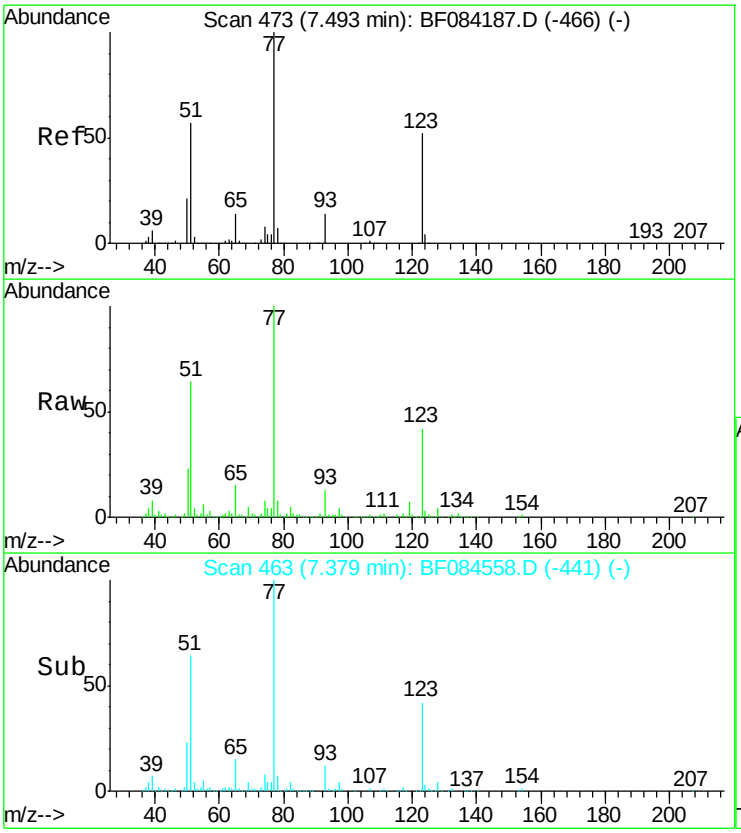

#23
Nitrobenzene-d5
Concen: 83.81 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 82 Resp: 1232819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.5 | 34.6 | 51.8 |
| 54 | 55.1 | 38.4 | 57.6 |

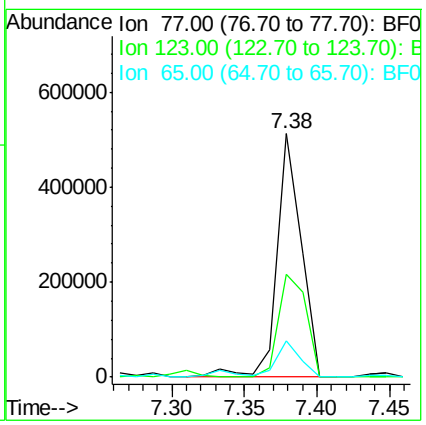


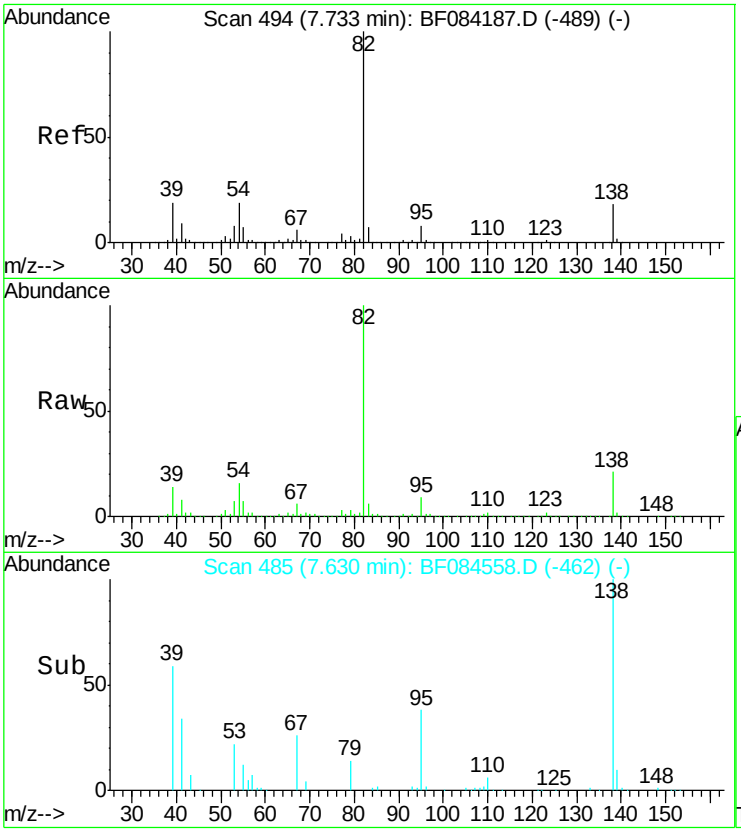




#24
Nitrobenzene
Concen: 39.45 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 77 Resp: 588533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.2 | 37.4 | 56.2 |
| 65 | 15.0 | 10.9 | 16.3 |



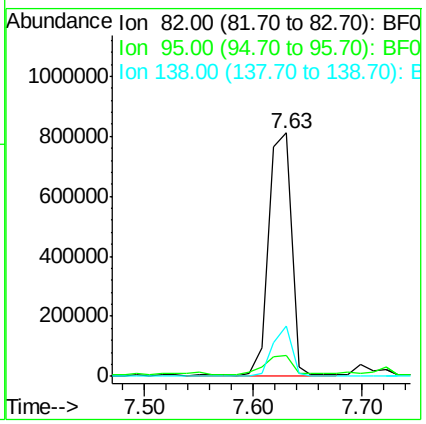


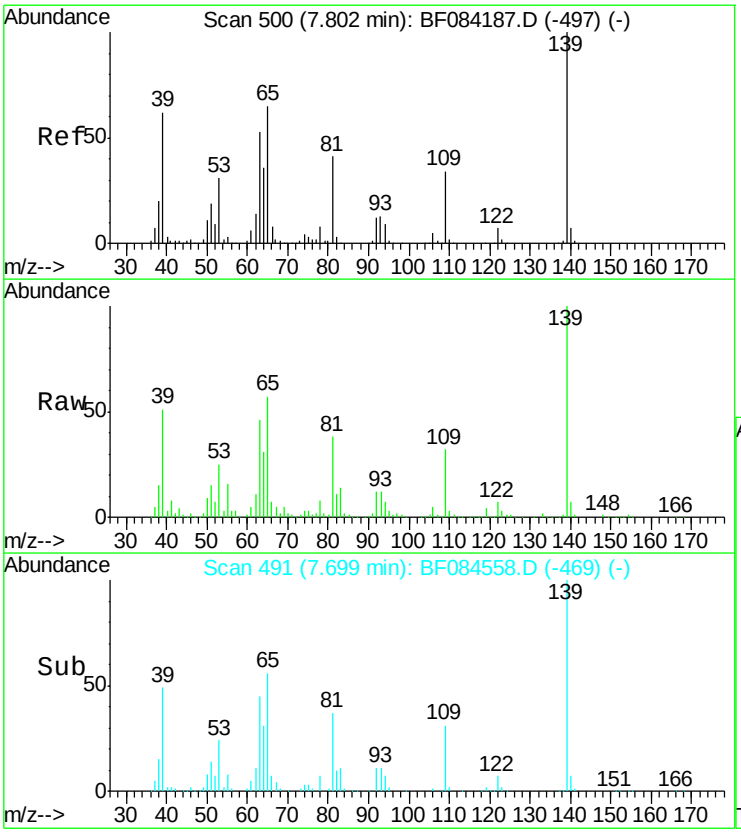

#25
Isophorone
Concen:  41.53 ng
RT: 7.63 min  Scan# 485
Delta R.T.  -0.03 min
Lab File:  BF084558.D
Acq: 19 Jan 2016  18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 82 Resp: 1168502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.7 | 6.6 | 10.0 |
| 138 | 20.6 | 13.6 | 20.4# |

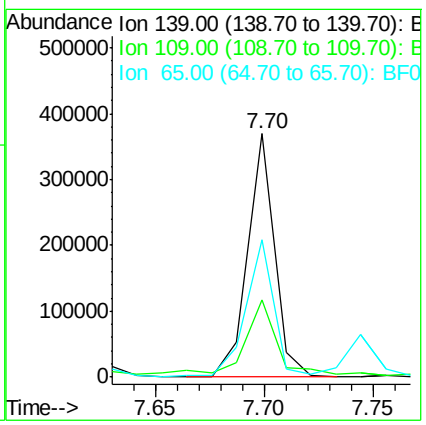


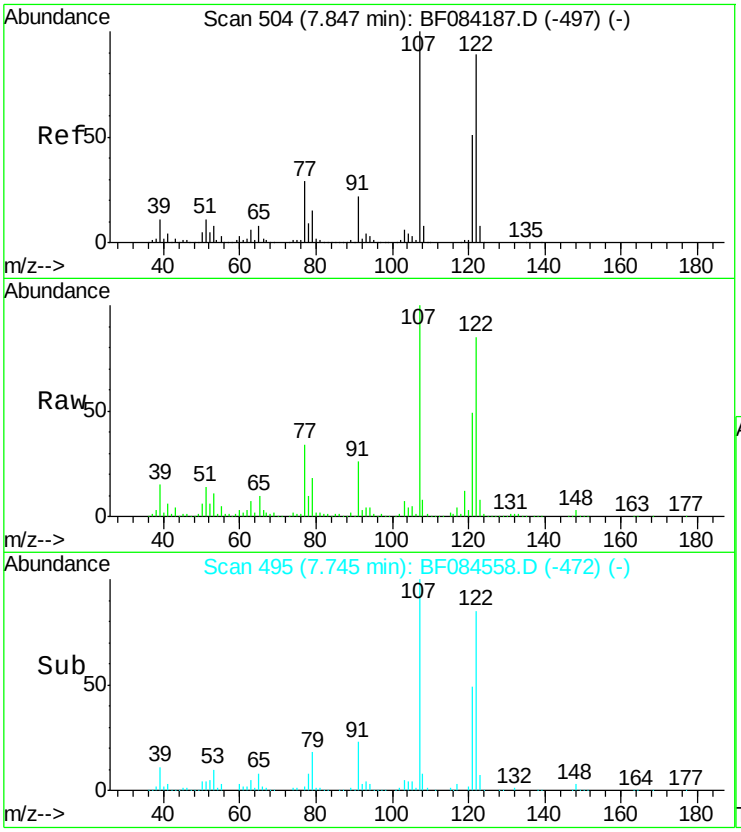




#26
2-Nitrophenol
Concen:  46.50 ng
RT: 7.70 min  Scan# 491
Delta R.T.  -0.05 min
Lab File:  BF084558.D
Acq: 19 Jan 2016  18:01

Tgt Ion:139 Resp:  315778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.6 | 25.4 | 38.2 |
| 65 | 56.6 | 32.3 | 48.5# |



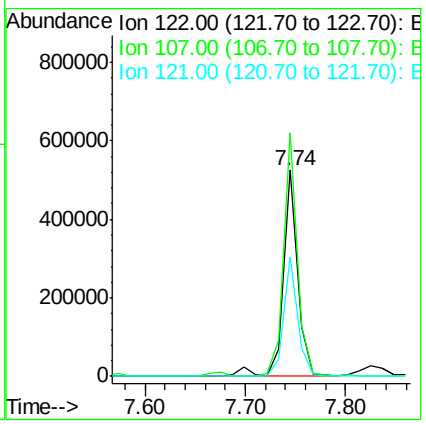


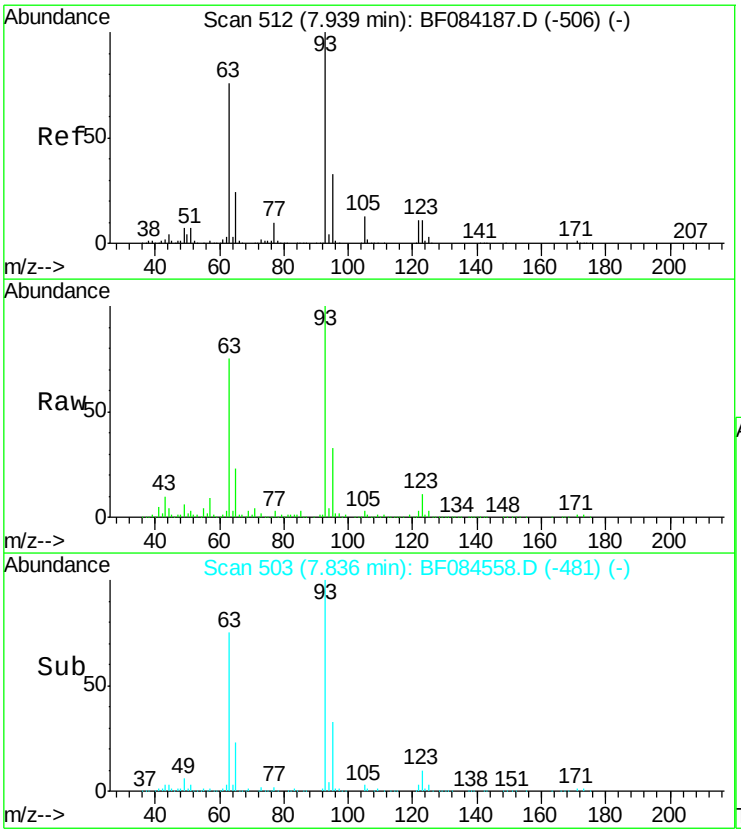

#27
2,4-Dimethylphenol
Concen: 38.20 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:122 Resp: 525032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.2 | 99.1 | 148.7 |
| 121 | 58.0 | 47.9 | 71.9 |

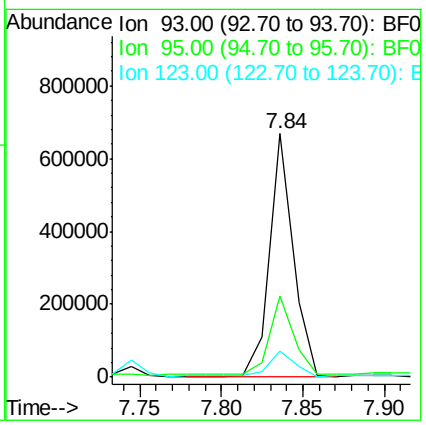


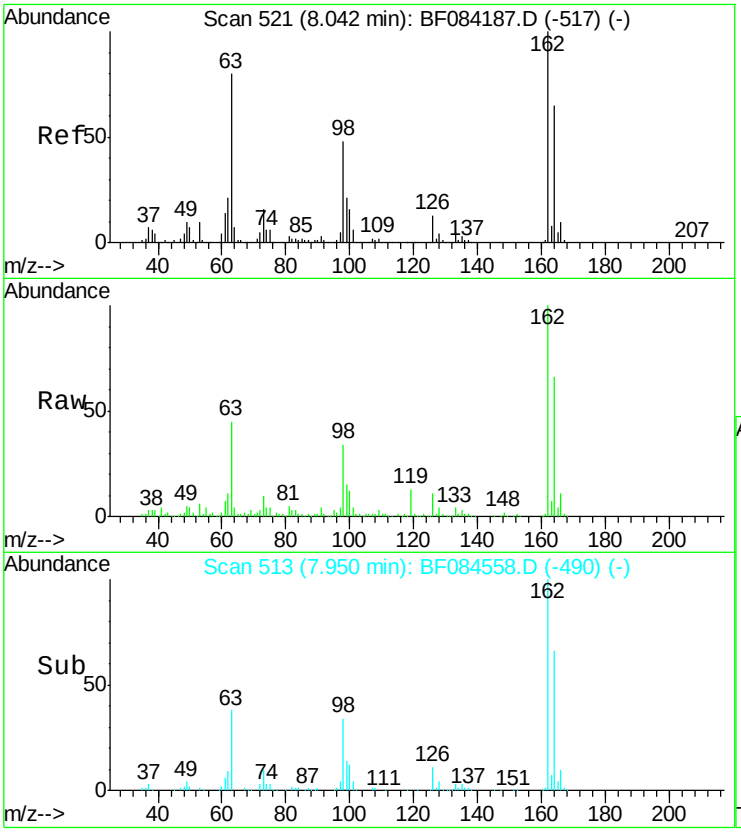




#28
bis(2-Chloroethoxy)methane
Concen: 39.43 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 93 Resp: 677640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.5 | 25.8 | 38.6 |
| 123 | 10.5 | 8.6 | 12.8 |



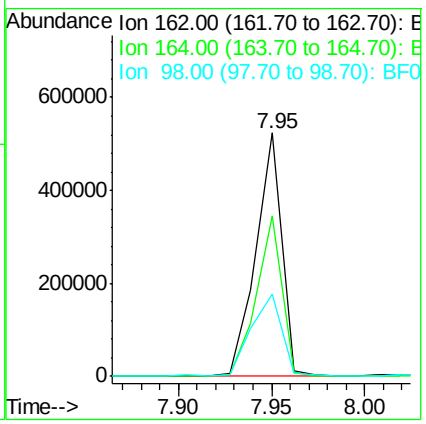


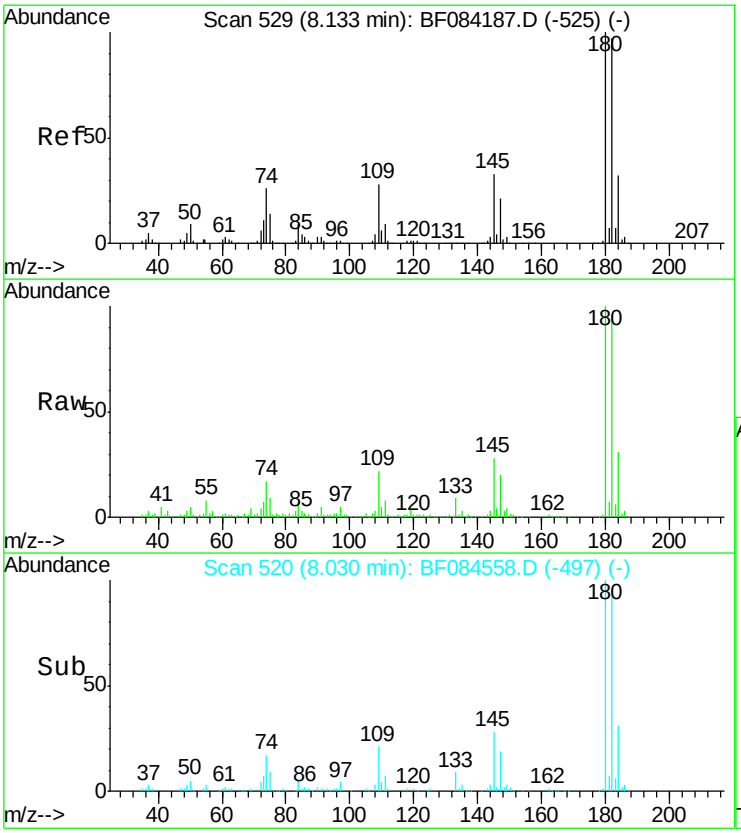

#29
2,4-Dichlorophenol
Concen: 44.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:162 Resp: 503702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.8 | 44.1 | 84.1 |
| 98 | 34.0 | 20.2 | 60.2 |

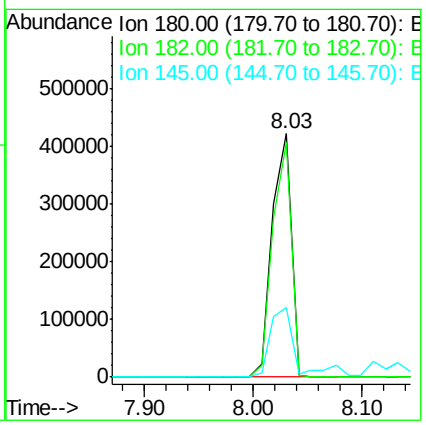


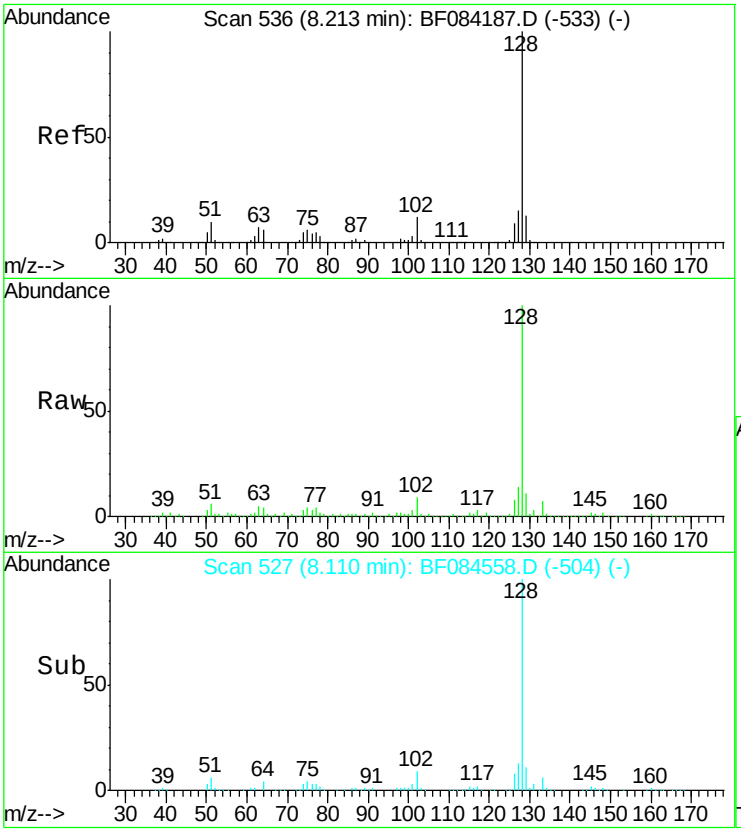




#30
1,2,4-Trichlorobenzene
Concen: 43.53 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:180 Resp: 514556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 76.4 | 114.6 |
| 145 | 28.3 | 31.6 | 47.4# |



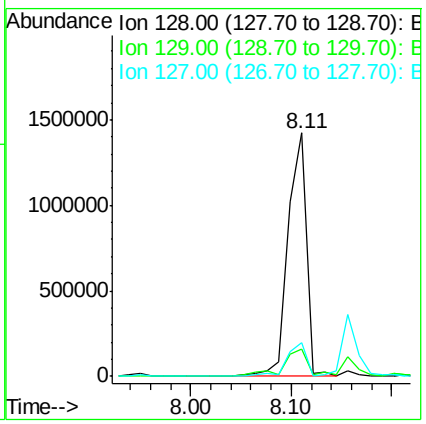


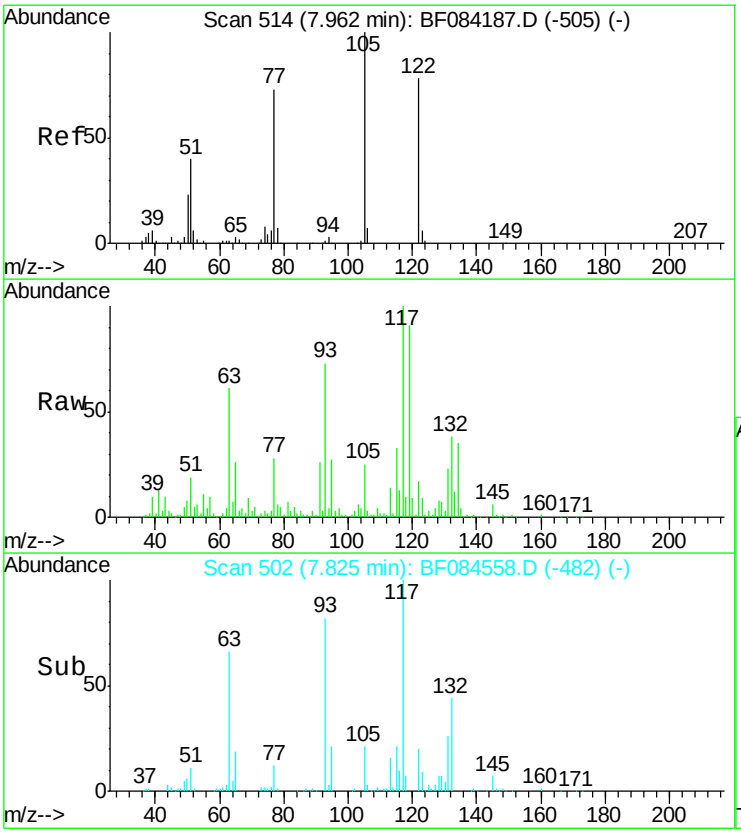

#31
Naphthalene
Concen: 48.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:128 Resp: 1815227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.1 | 13.7 |
| 127 | 13.6 | 11.1 | 16.7 |

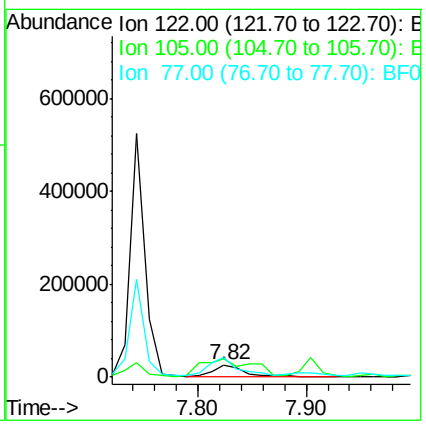


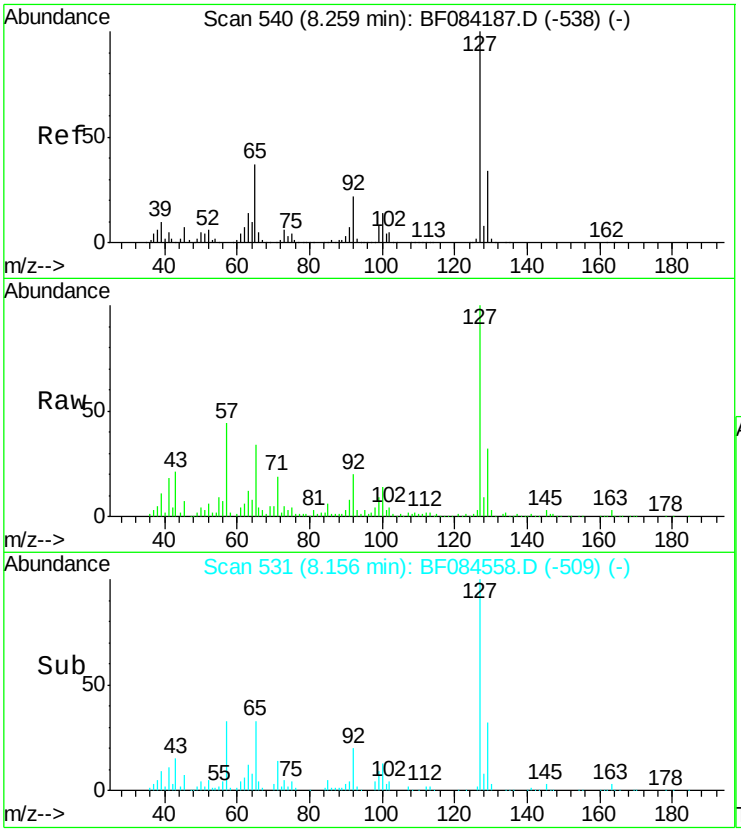




#32
Benzoic acid
Concen: 11.39 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:122 Resp: 52308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 146.8 | 100.3 | 140.3# |
| 77 | 163.5 | 63.5 | 103.5# |



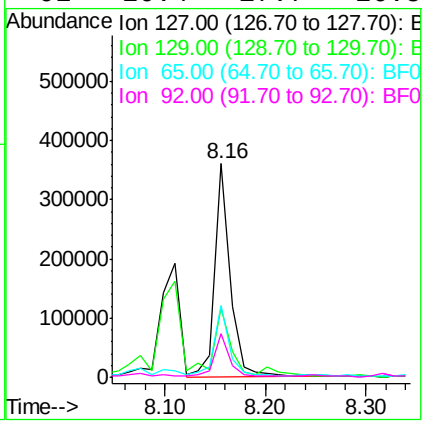


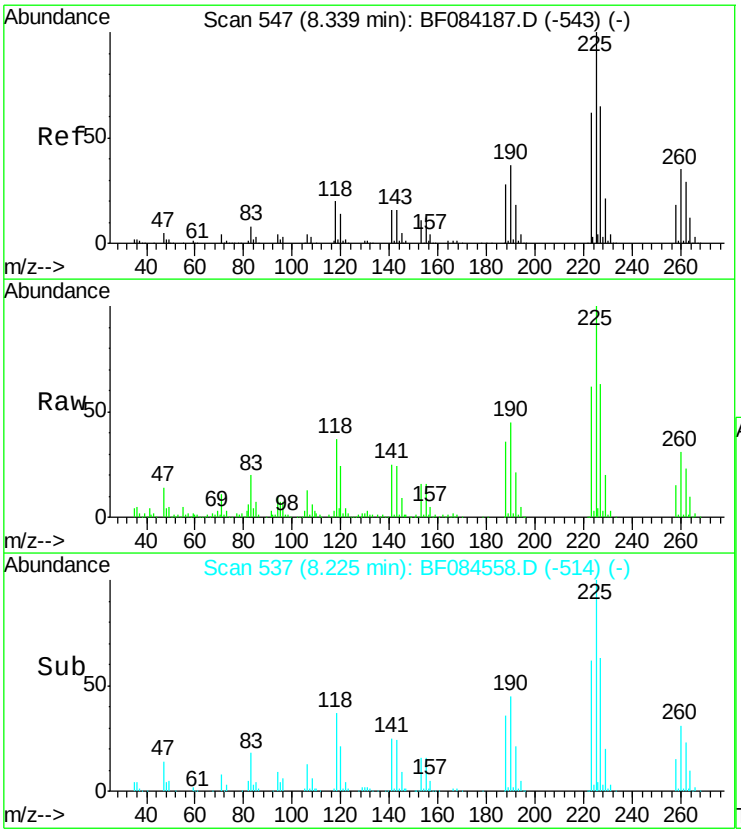

#33
4-Chloroaniline
Concen: 22.58 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:127 Resp: 384460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.5 | 39.7 |
| 65 | 33.8 | 27.2 | 40.8 |
| 92 | 20.4 | 17.7 | 26.5 |

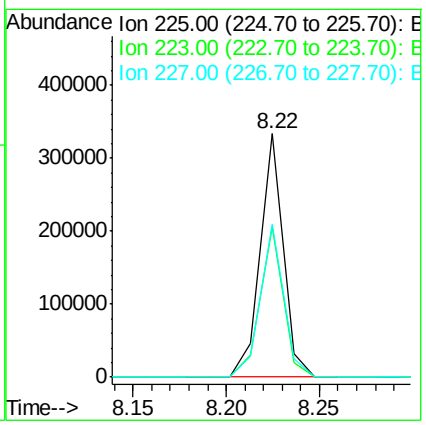


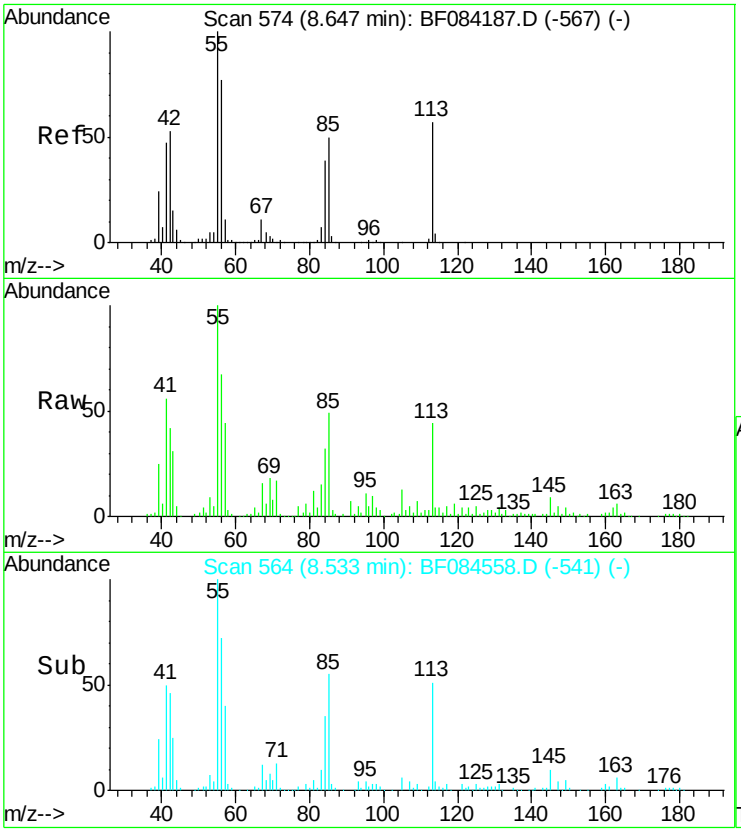




#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:225 Resp: 283786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.5 | 49.4 | 74.0 |
| 227 | 62.6 | 50.8 | 76.2 |



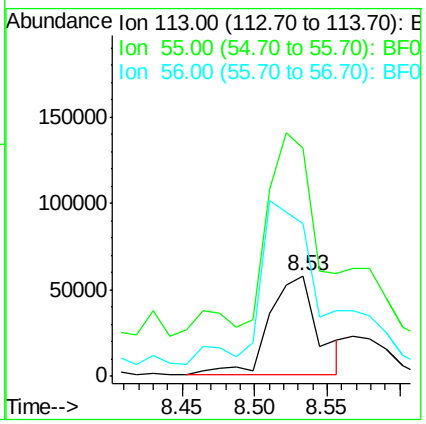


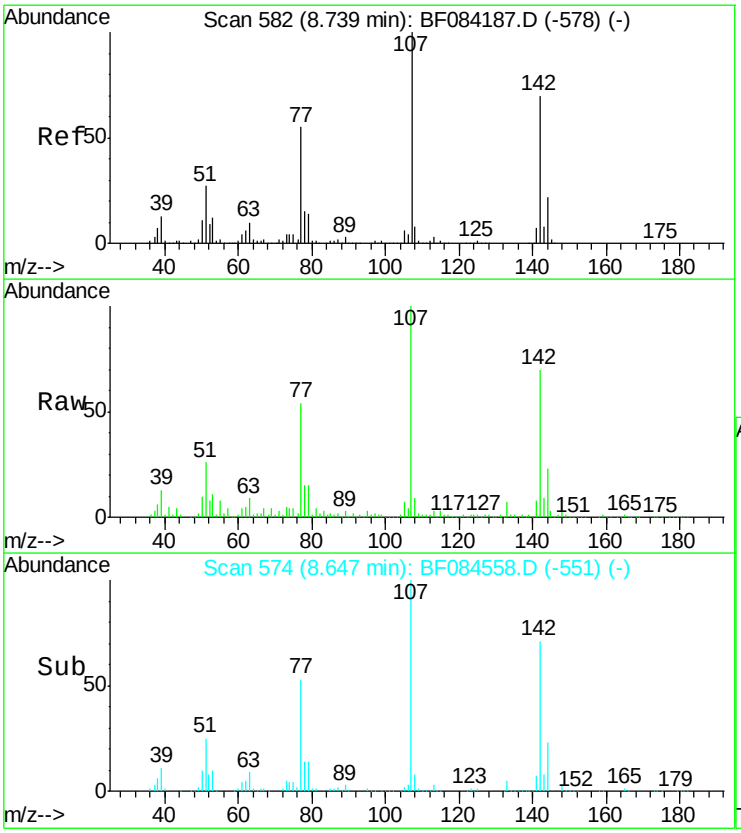

#35
Caprolactam
Concen: 34.91 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:113 Resp: 134720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 226.9 | 116.9 | 156.9# |
| 56 | 151.9 | 93.8 | 133.8# |

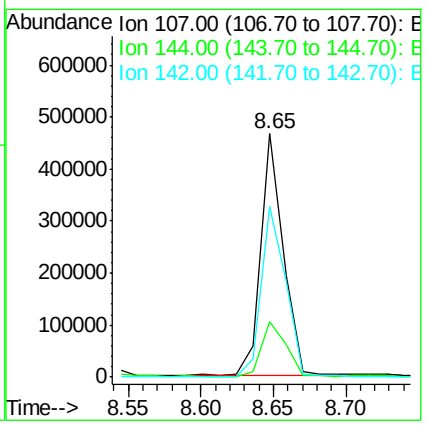


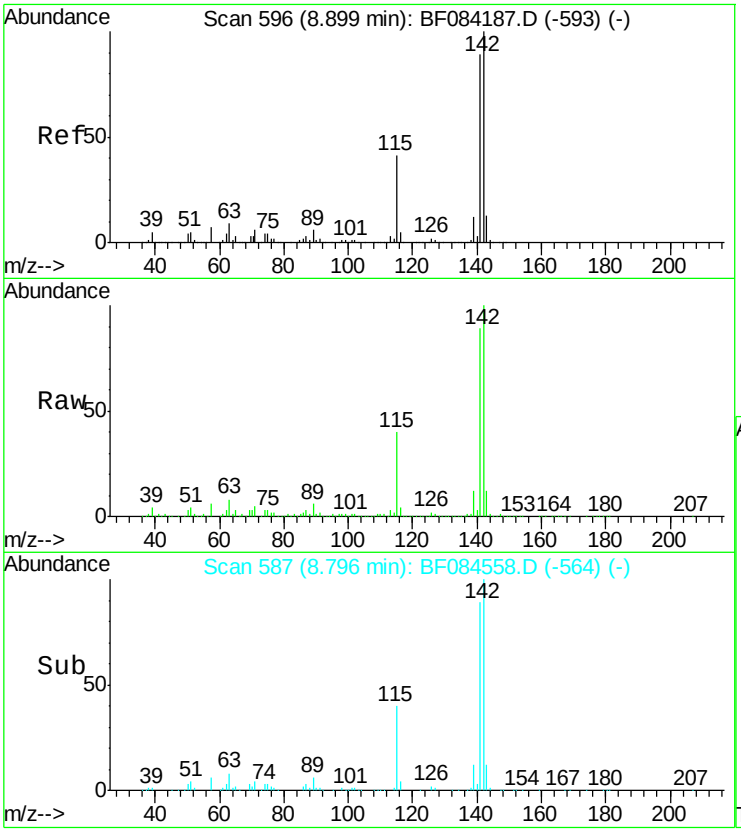




#36
4-Chloro-3-methylphenol
Concen: 39.25 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:107 Resp: 503421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.9 | 19.7 | 29.5 |
| 142 | 70.2 | 61.8 | 92.6 |



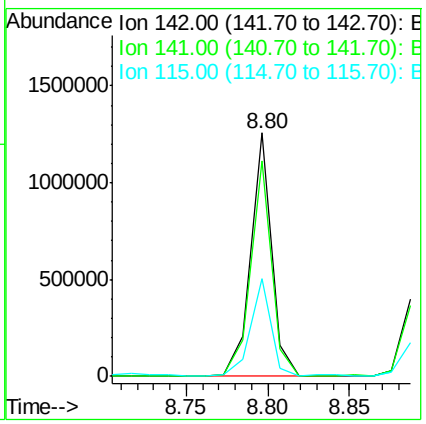


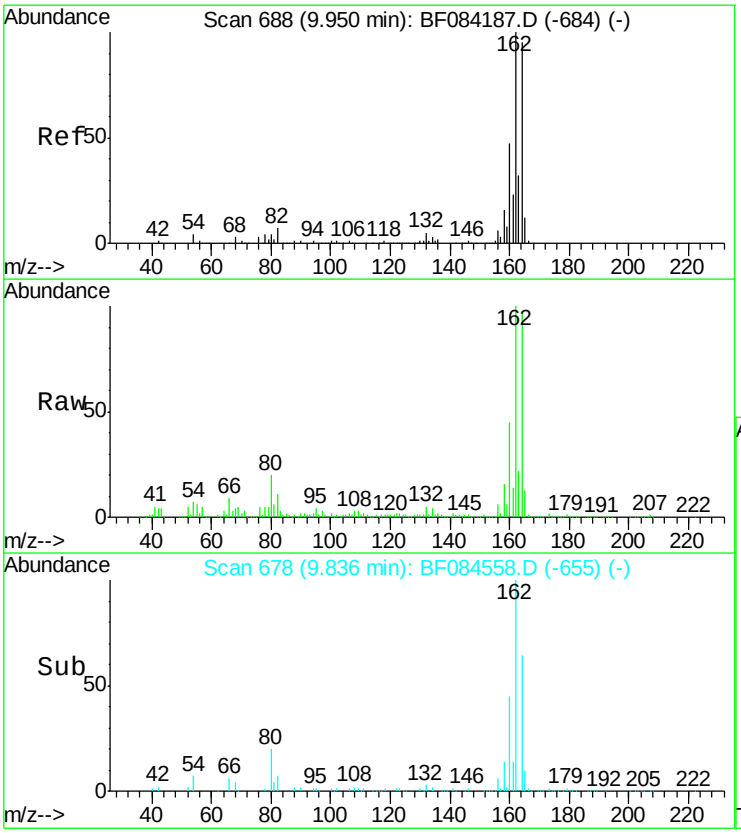

#37
2-Methylnaphthalene
Concen: 41.92 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:142 Resp: 1117739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 72.4 | 108.6 |
| 115 | 40.1 | 27.9 | 41.9 |

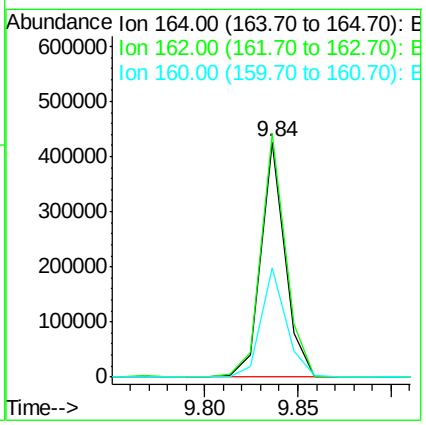


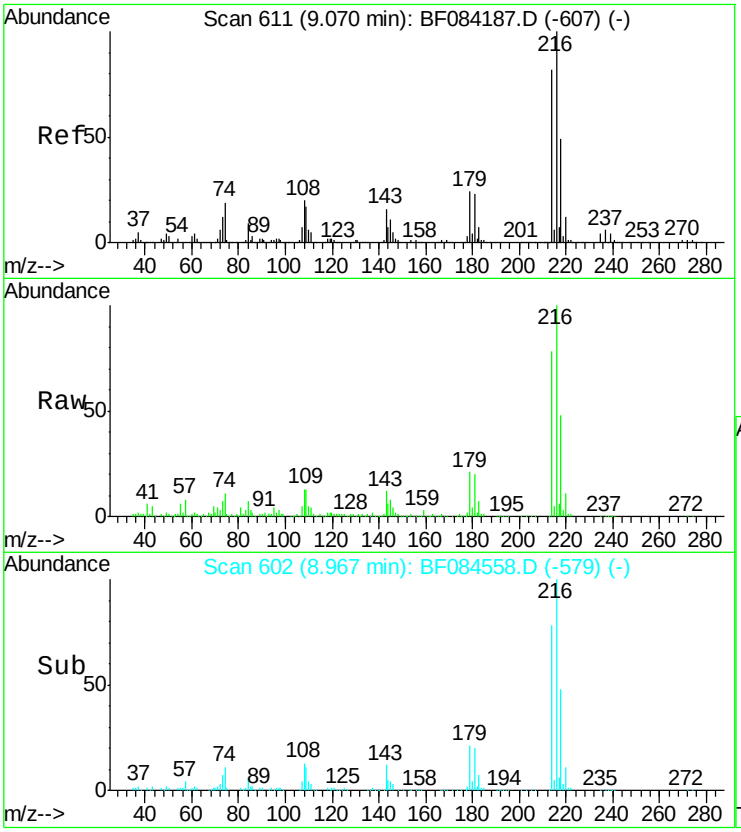




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:164 Resp: 374079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 85.1 | 127.7 |
| 160 | 46.2 | 37.5 | 56.3 |



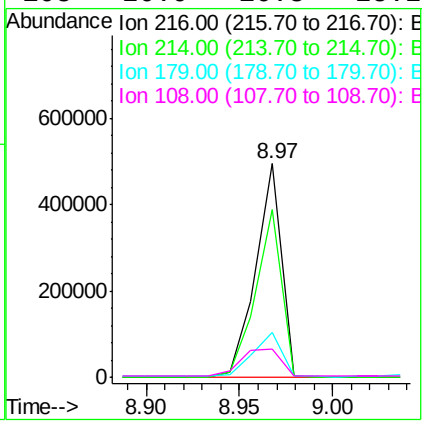


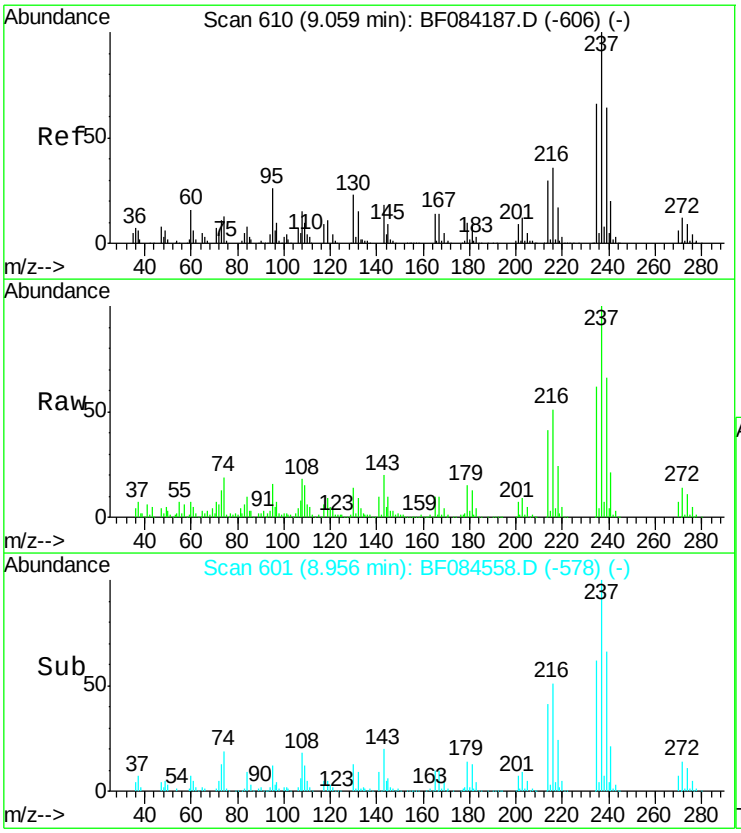

#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.66 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:216 Resp: 469497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 64.2 | 96.2 |
| 179 | 24.5 | 18.7 | 28.1 |
| 108 | 20.9 | 16.8 | 25.2 |

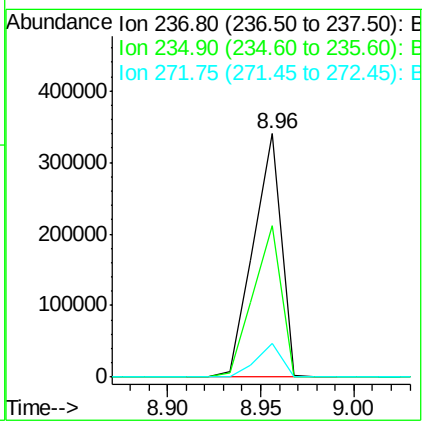


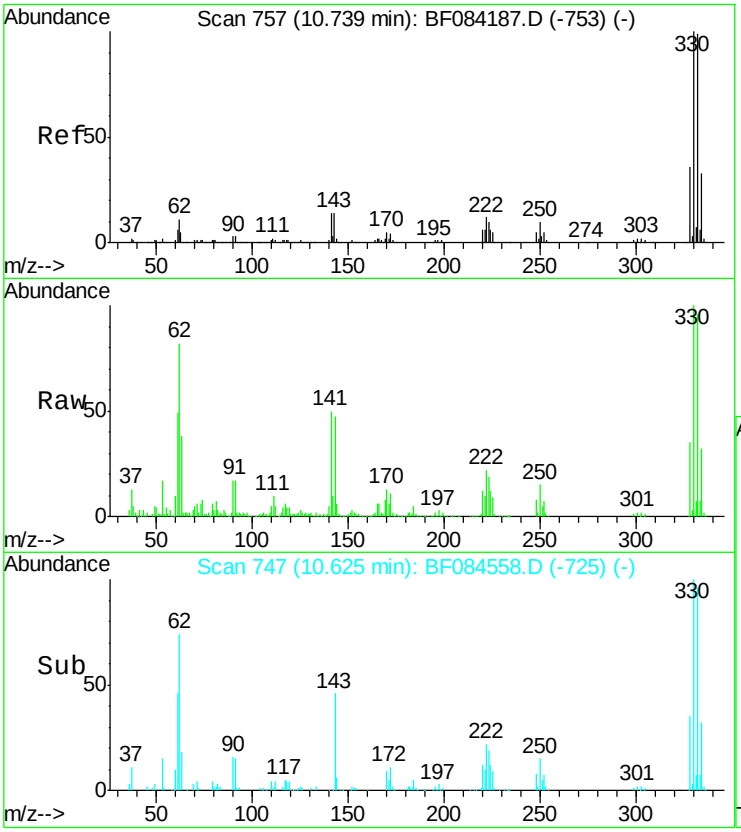




#40
Hexachlorocyclopentadiene
Concen: 54.25 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:237 Resp: 352168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 43.1 | 83.1 |
| 272 | 13.6 | 0.0 | 35.1 |



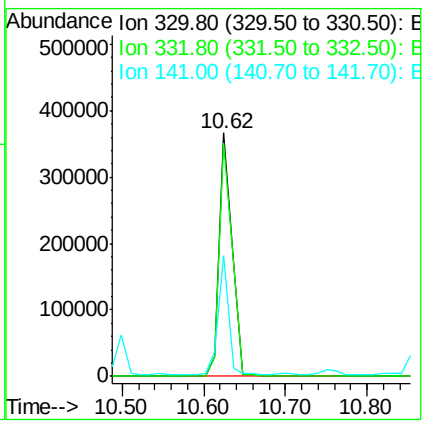


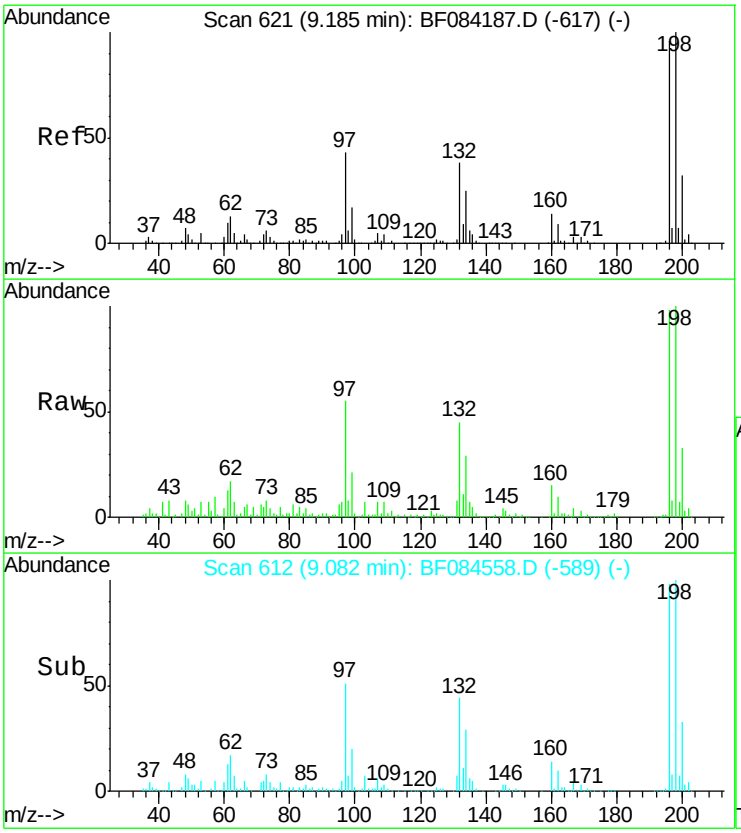

#41
2,4,6-Tribromophenol
Concen: 104.51 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:330 Resp: 394715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 76.6 | 114.8 |
| 141 | 40.4 | 27.8 | 41.6 |

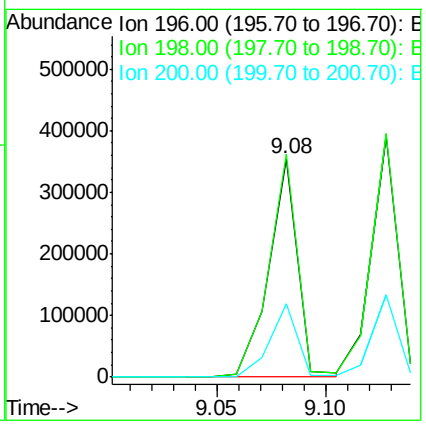


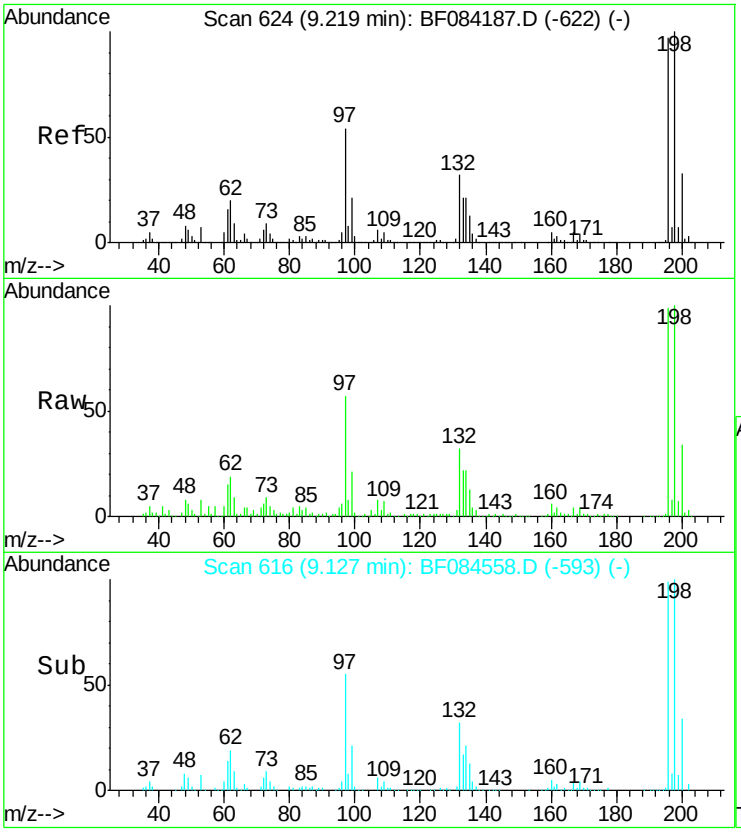




#42
2,4,6-Trichlorophenol
Concen: 41.17 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:196 Resp: 331259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.0 | 77.7 | 116.5 |
| 200 | 33.7 | 24.6 | 37.0 |



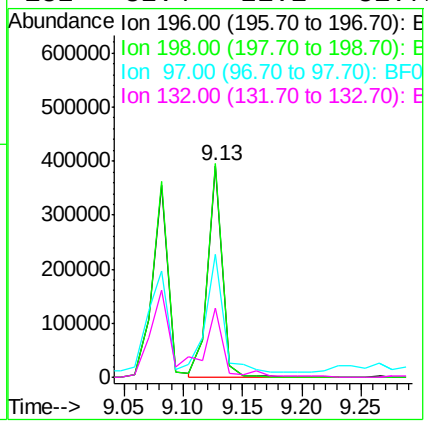


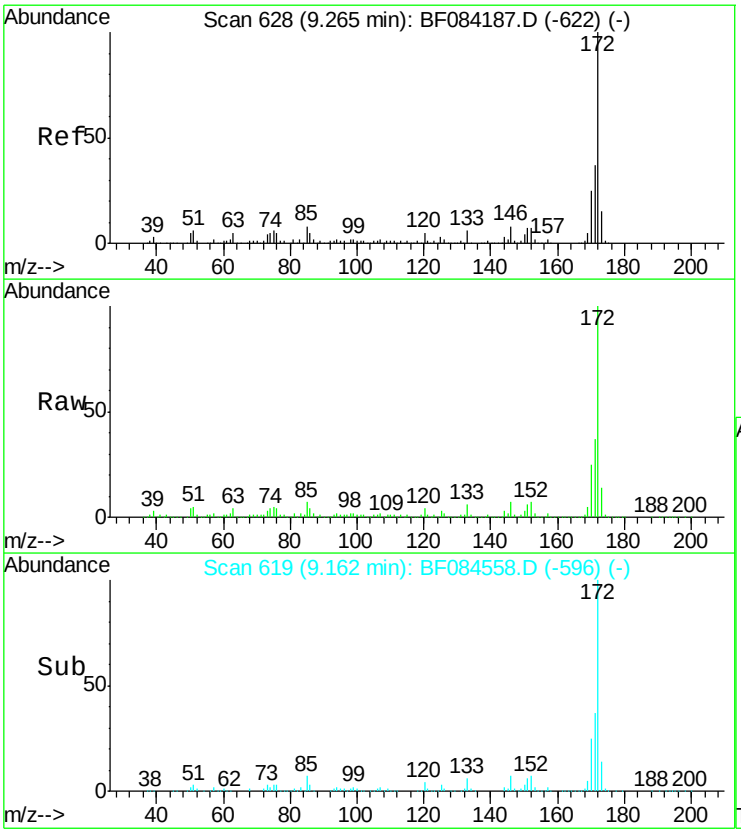

#43
2,4,5-Trichlorophenol
Concen: 43.25 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:196 Resp: 333557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.0 | 79.0 | 118.6 |
| 97 | 57.9 | 33.0 | 49.6# |
| 132 | 32.4 | 21.1 | 31.7# |

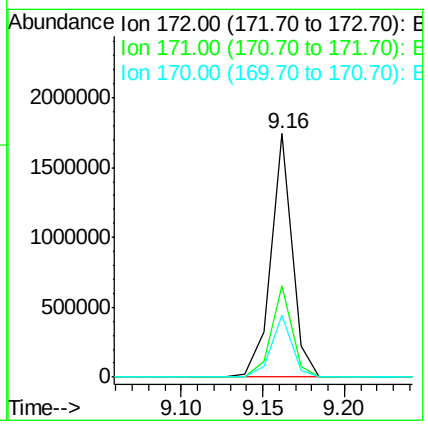


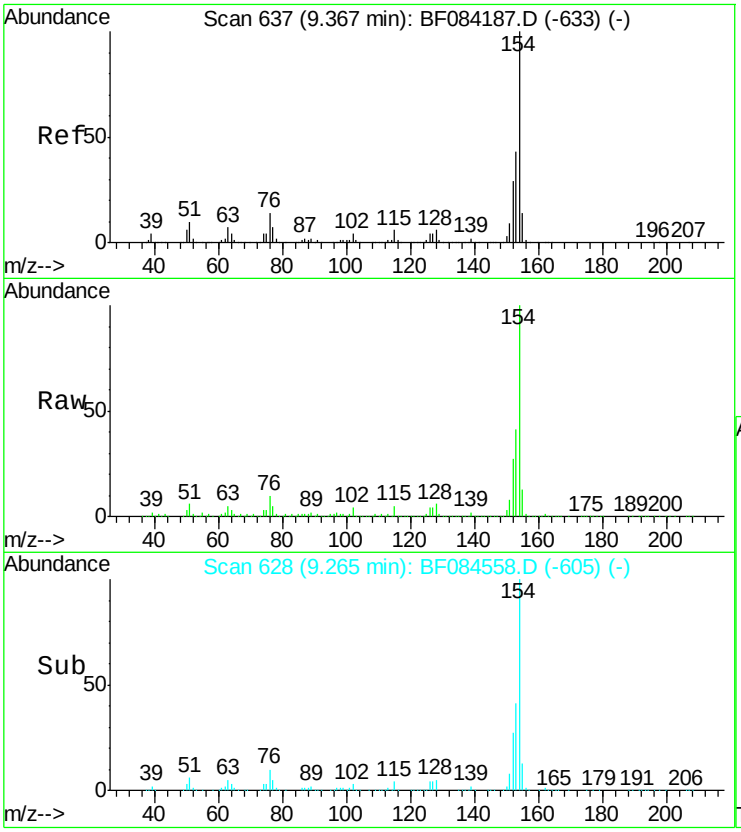




#44
2-Fluorobiphenyl
Concen: 73.56 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:172 Resp: 1582408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 28.9 | 43.3 |
| 170 | 25.2 | 18.6 | 27.8 |



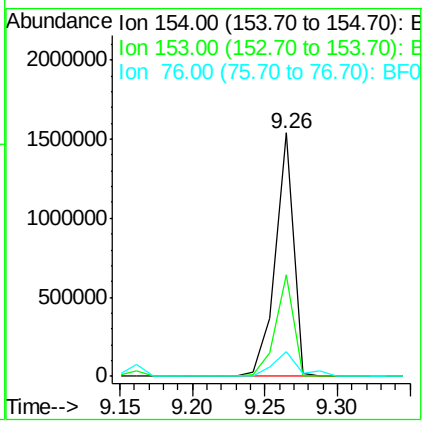


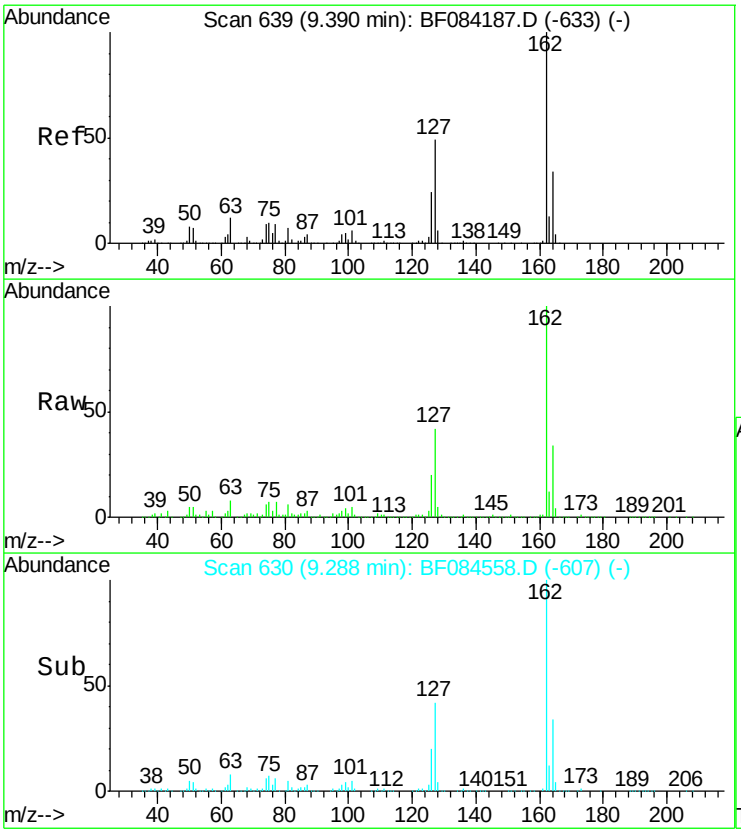

#45
1,1'-Biphenyl
Concen: 45.01 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:154 Resp: 1338168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 21.6 | 61.6 |
| 76 | 10.3 | 0.0 | 32.7 |

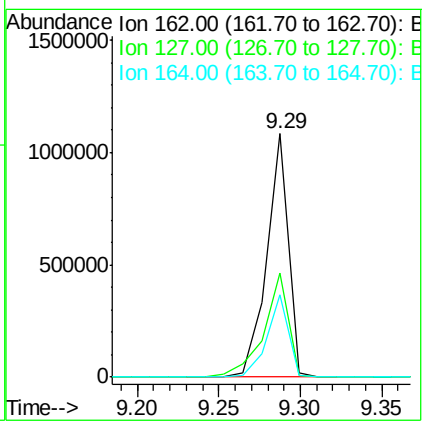


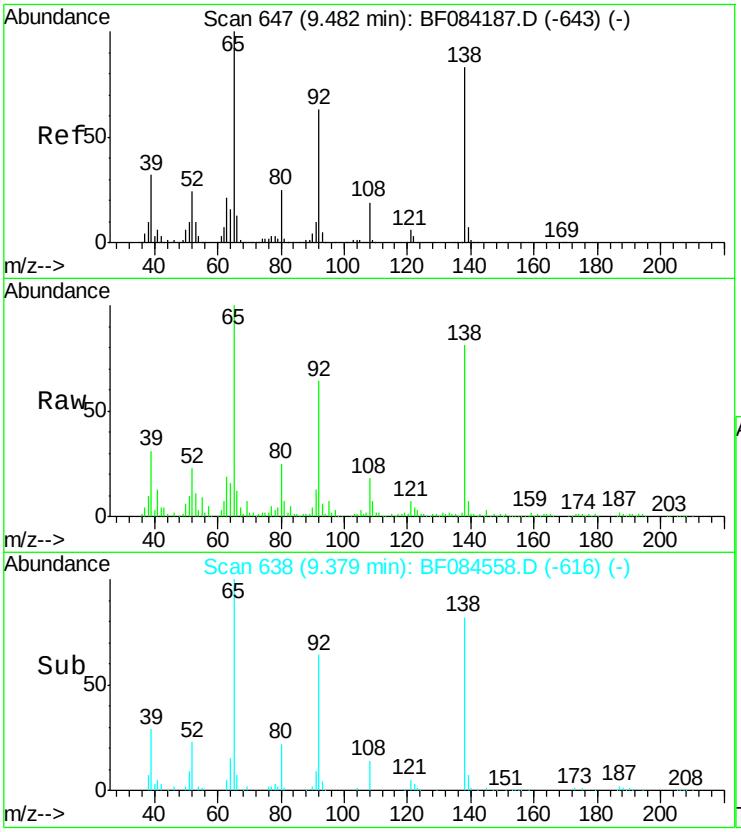




#46
2-Chloronaphthalene
Concen: 42.71 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:162 Resp: 997480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.5 | 40.2 | 60.4 |
| 164 | 33.9 | 25.7 | 38.5 |



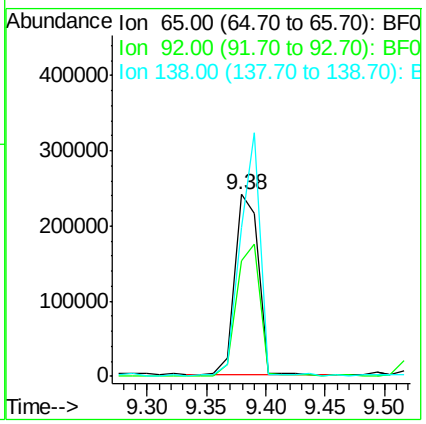


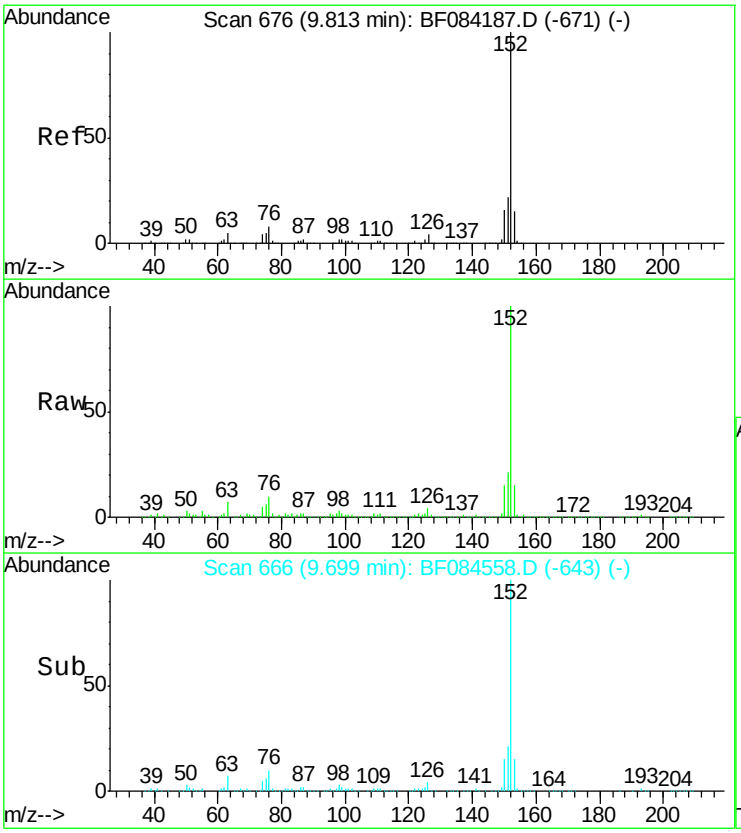

#47
2-Nitroaniline
Concen: 43.14 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion: 65 Resp: 332534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.7 | 53.4 | 80.2 |
| 138 | 81.5 | 71.1 | 106.7 |

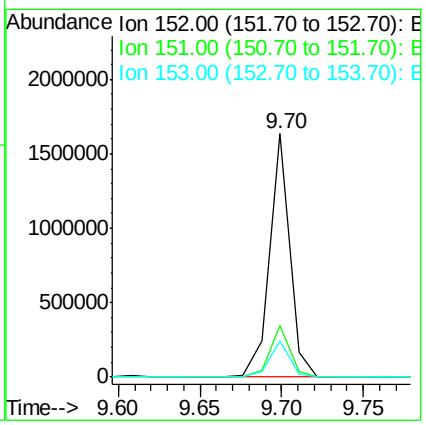


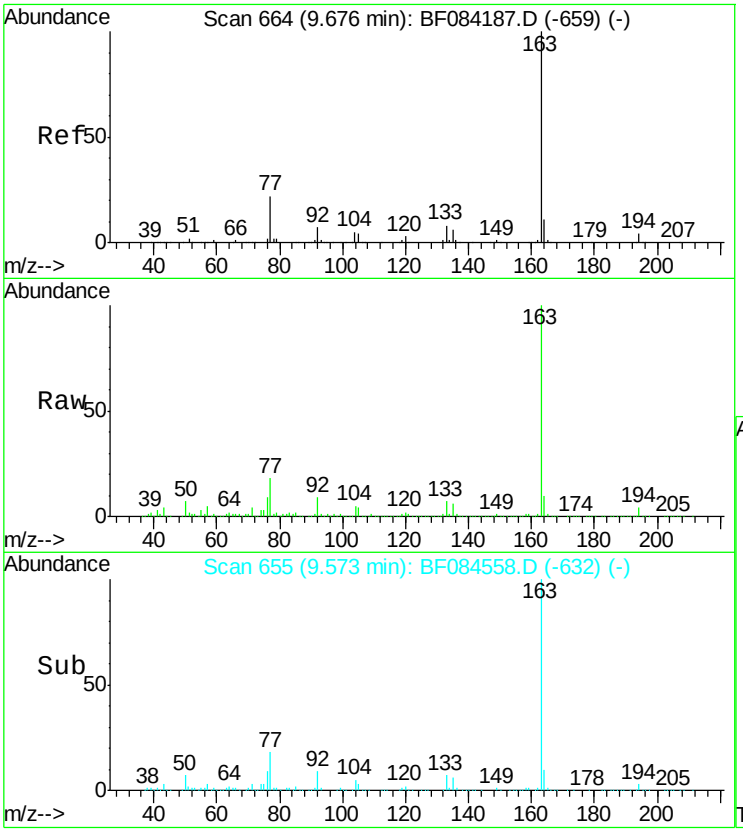




#48
Acenaphthylene
Concen: 40.93 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:152 Resp: 1412201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.4 | 16.3 | 24.5 |
| 153 | 15.0 | 10.4 | 15.6 |



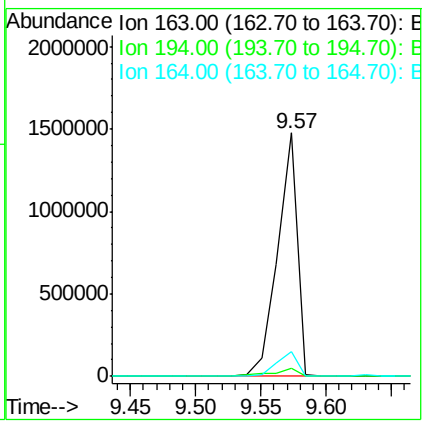


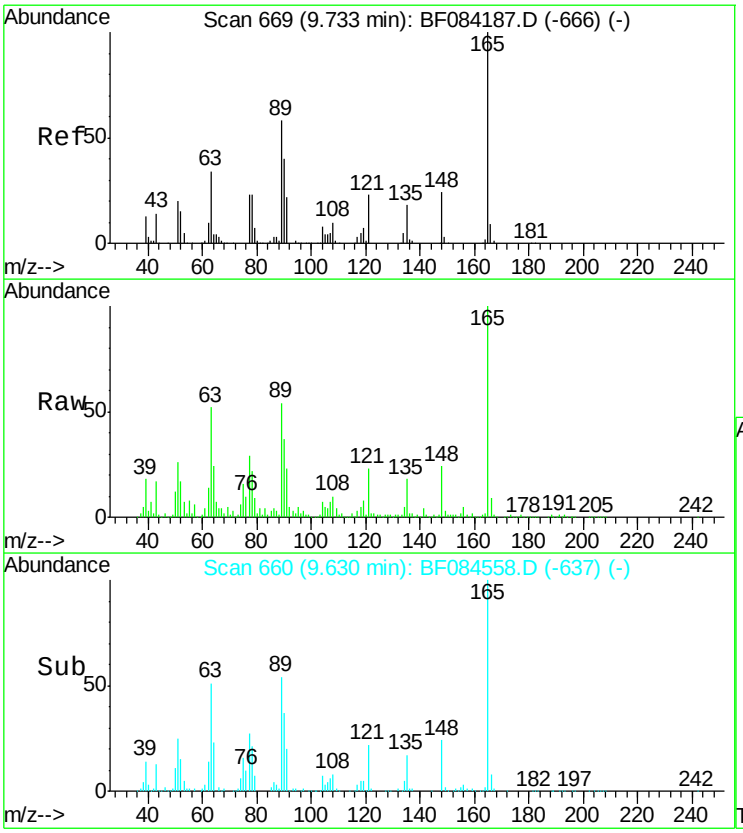

#49
Dimethylphthalate
Concen: 58.57 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:163 Resp: 1566225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 8.0 | 12.0# |
| 164 | 10.2 | 8.0 | 12.0 |

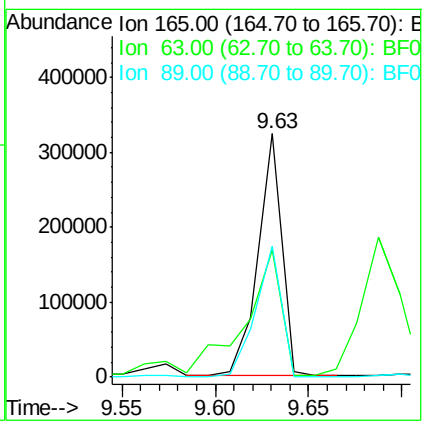


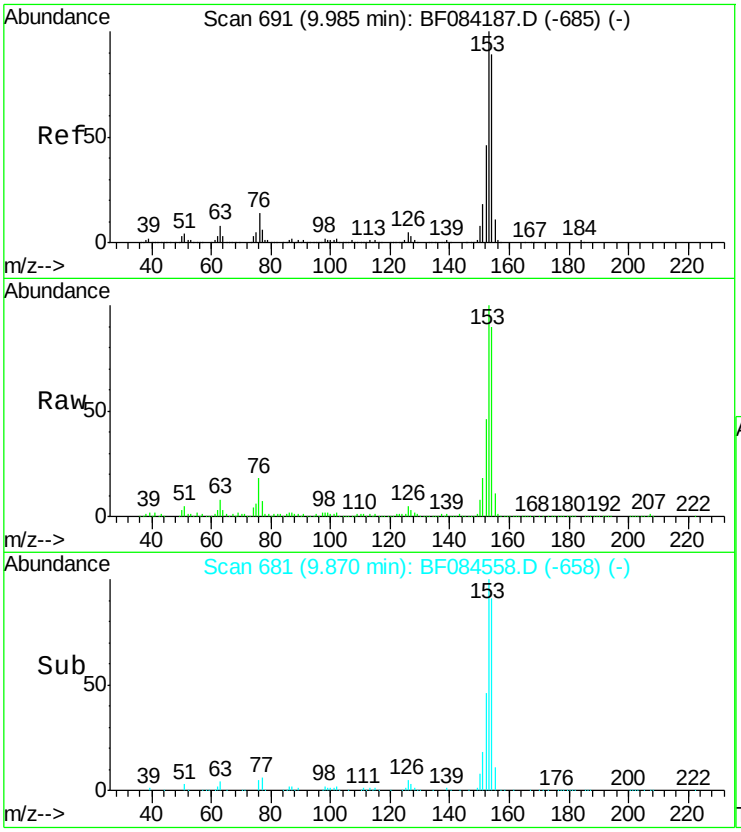




#50
2,6-Dinitrotoluene
Concen: 48.35 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:165 Resp: 283564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.1 | 28.8 | 43.2# |
| 89 | 53.7 | 35.1 | 52.7# |



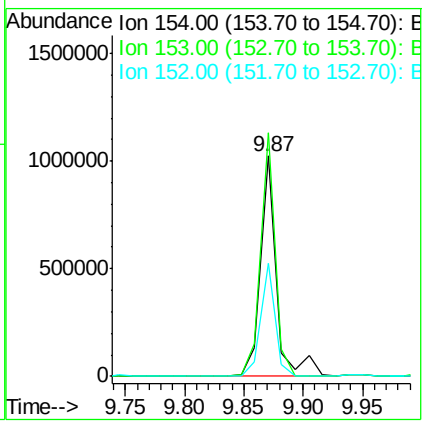


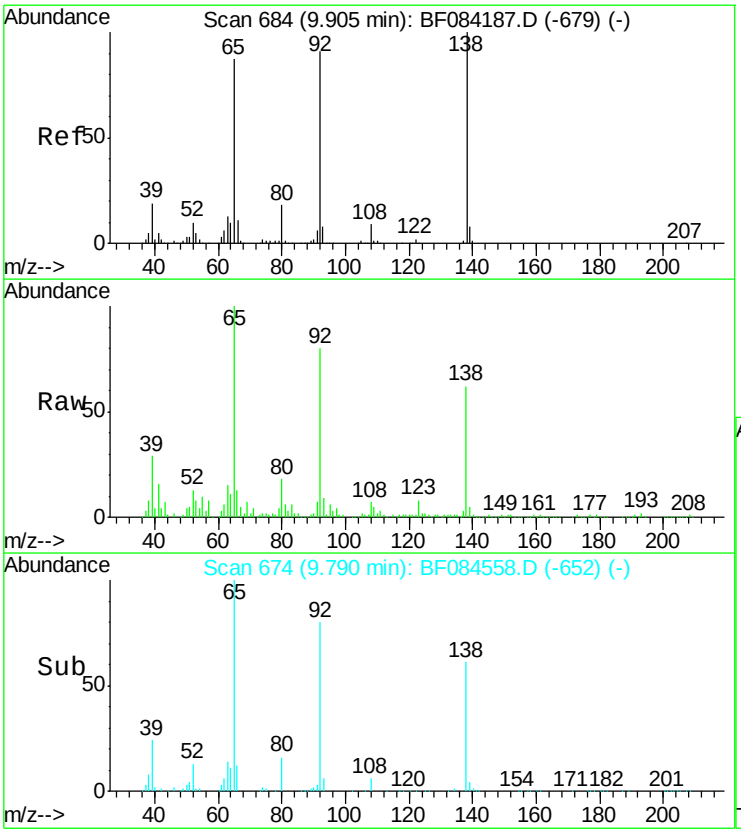

#51
Acenaphthene
Concen: 41.73 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:154 Resp: 965740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.6 | 91.5 | 137.3 |
| 152 | 51.4 | 43.0 | 64.6 |

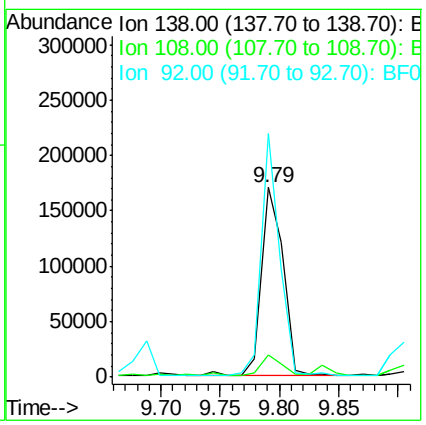


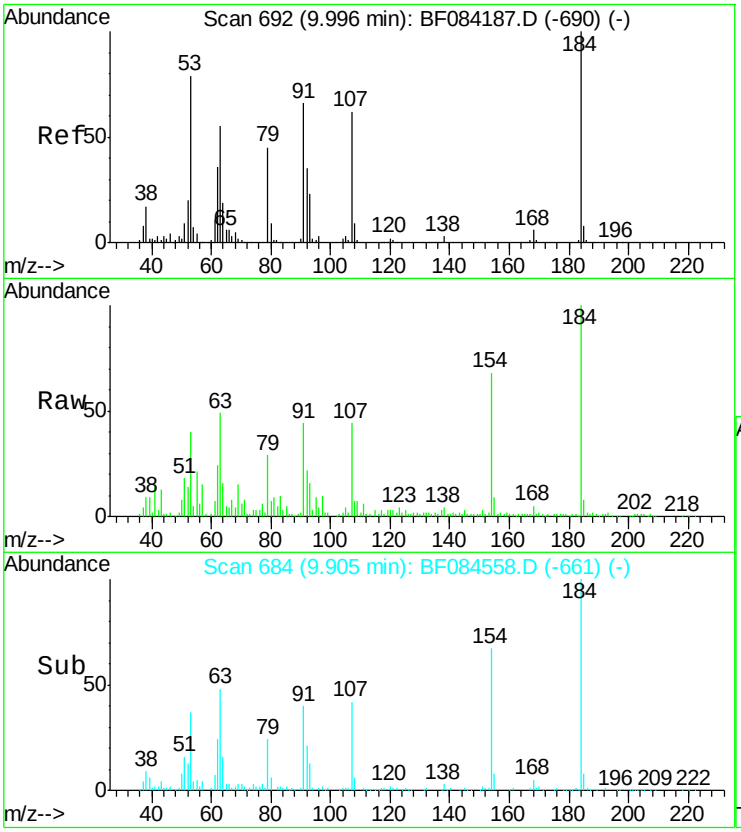




#52
3-Nitroaniline
Concen: 29.74 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:138 Resp: 216130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.0 | 10.5 | 15.7 |
| 92 | 128.3 | 103.9 | 155.9 |



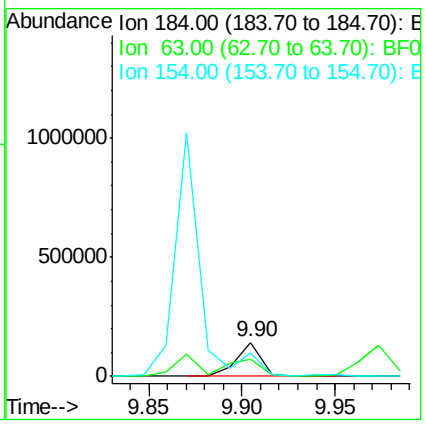


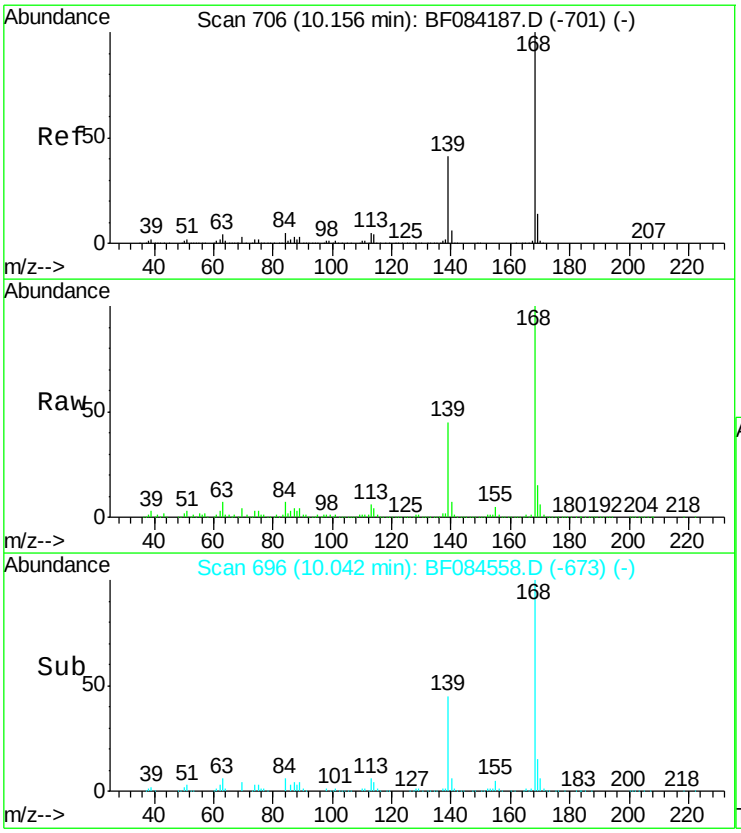

#53
2,4-Dinitrophenol
Concen: 55.02 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:184 Resp: 134576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 48.8 | 43.1 | 64.7 |
| 154 | 67.9 | 60.5 | 90.7 |

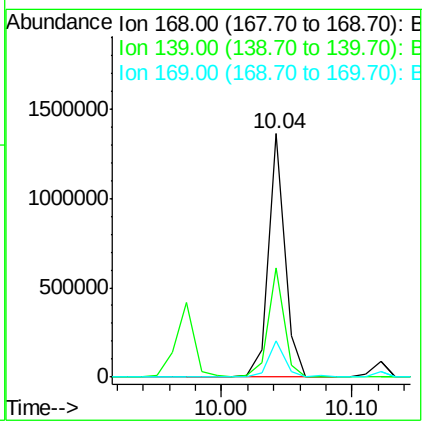


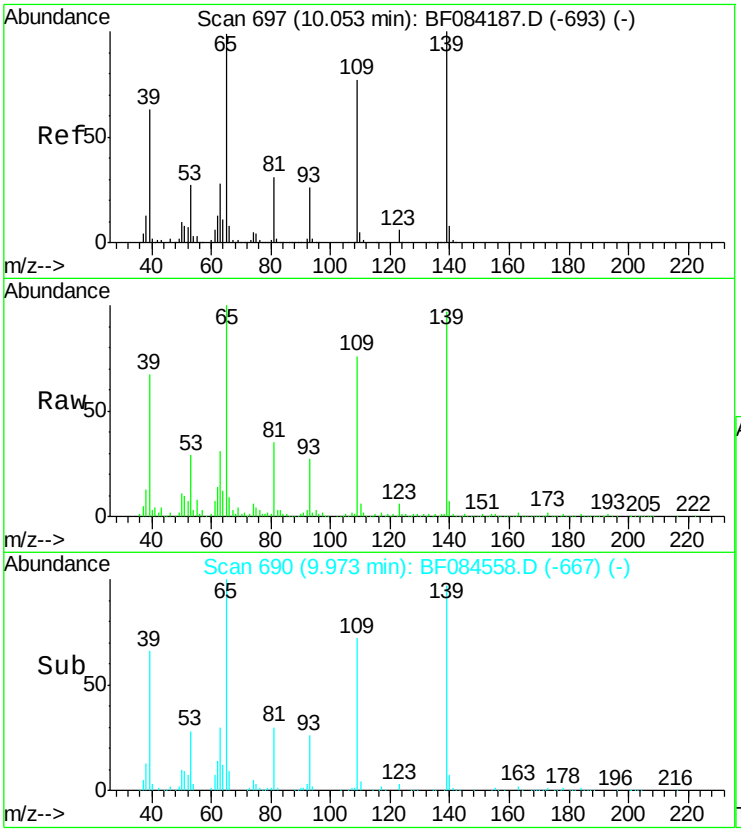




#54
Dibenzofuran
Concen: 39.80 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:168 Resp: 1203274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.9 | 30.5 | 45.7 |
| 169 | 15.1 | 10.4 | 15.6 |



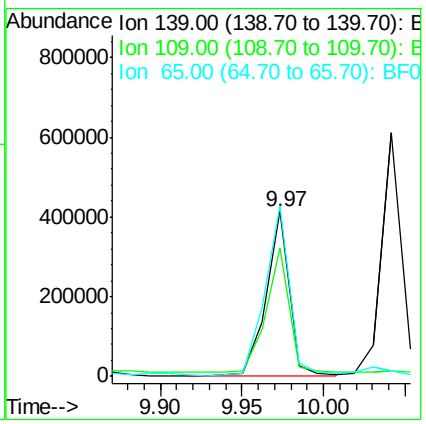


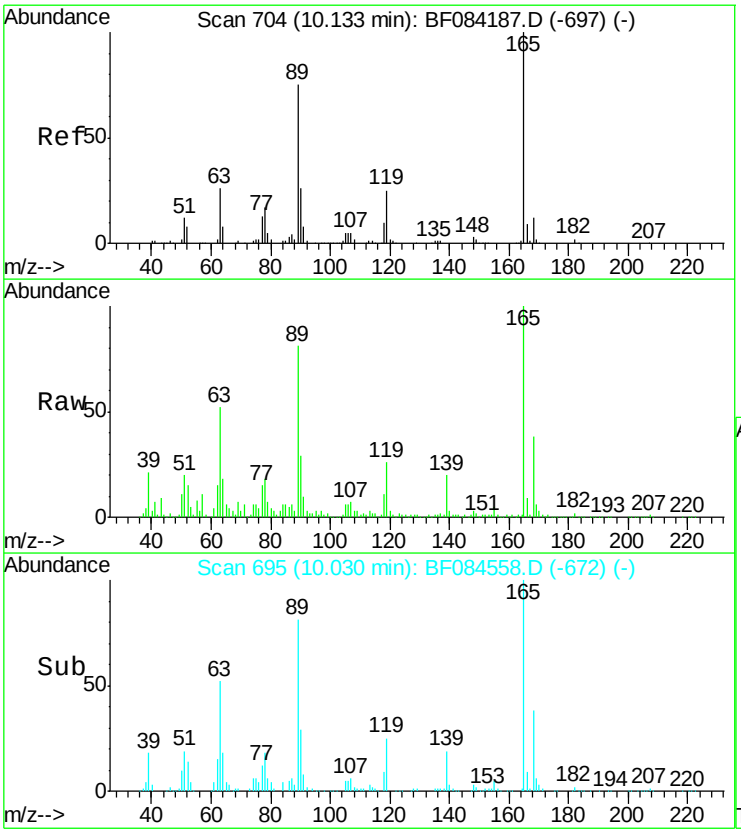

#55
4-Nitrophenol
Concen: 76.78 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:139 Resp: 405041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.1 | 58.5 | 98.5 |
| 65 | 103.2 | 57.6 | 97.6# |

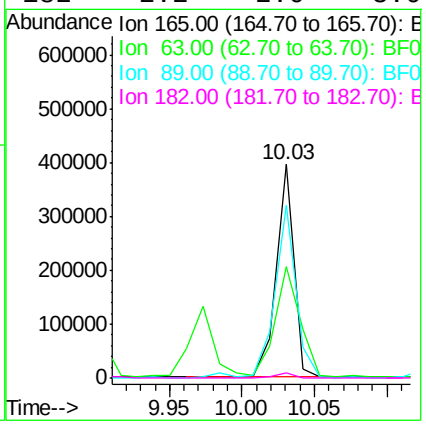


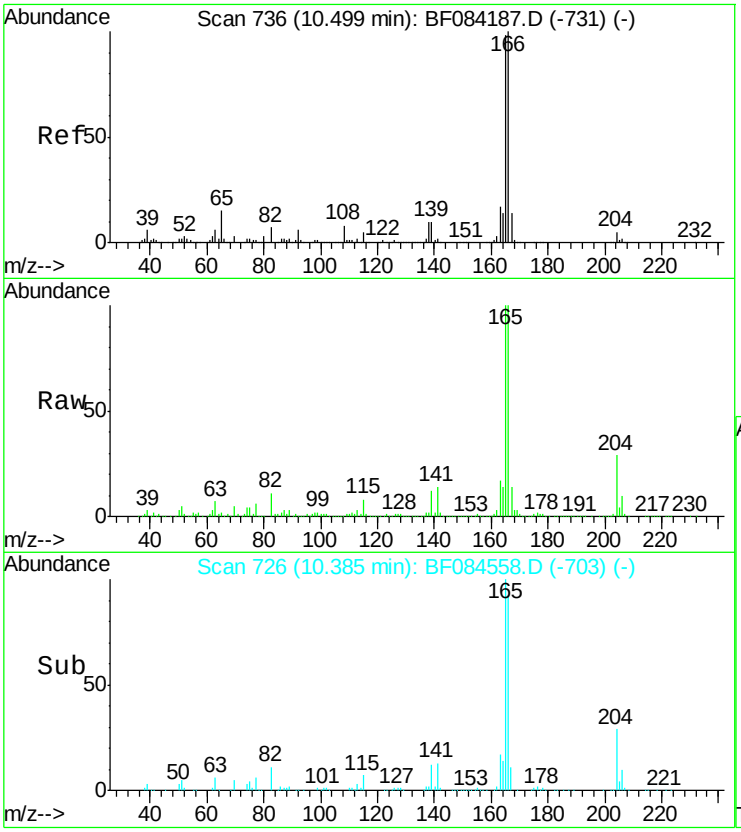




#56
2,4-Dinitrotoluene
Concen: 45.11 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:165 Resp: 334900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.0 | 36.7 | 55.1 |
| 89 | 80.9 | 61.9 | 92.9 |
| 182 | 2.2 | 2.0 | 3.0 |



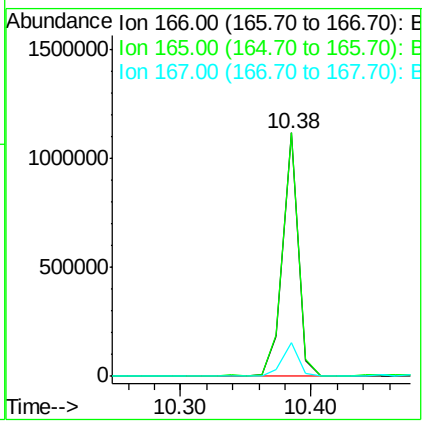


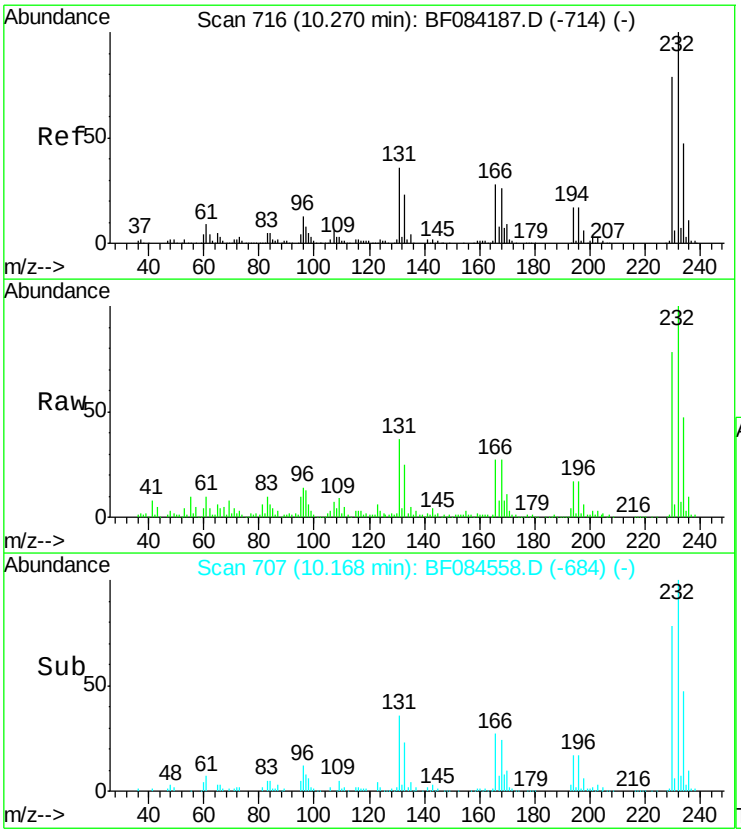

#57
Fluorene
Concen: 40.83 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:166 Resp: 951467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.1 | 79.1 | 118.7 |
| 167 | 13.9 | 10.4 | 15.6 |

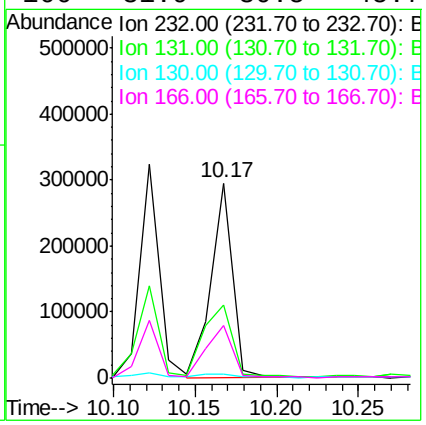


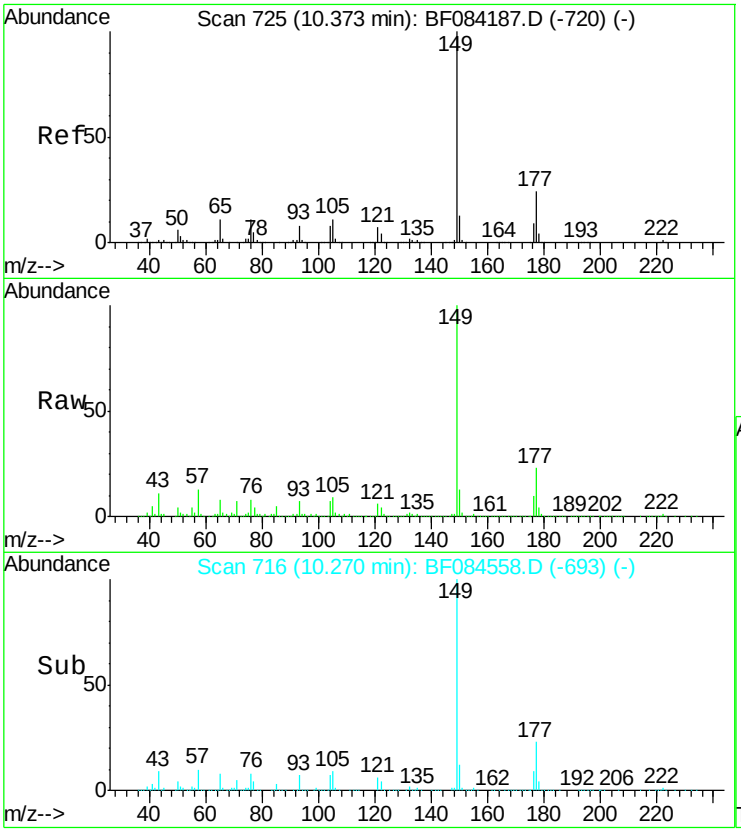




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.29 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:232 Resp: 271907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.4 | 47.0 | 70.6 |
| 130 | 2.9 | 2.0 | 3.0 |
| 166 | 31.9 | 30.5 | 45.7 |



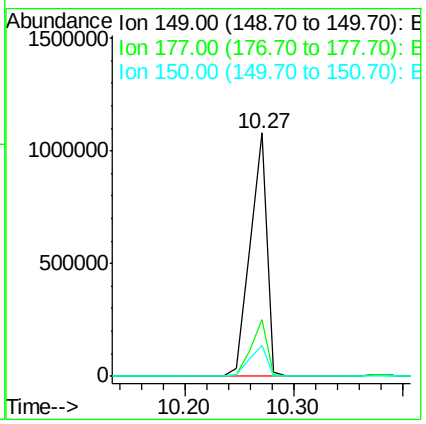


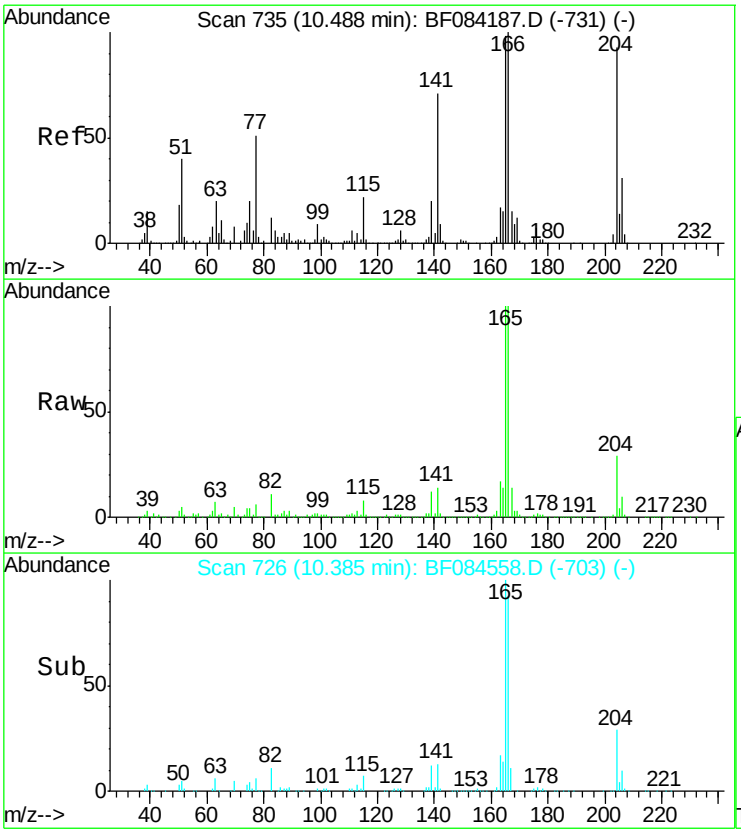

#59
Diethylphthalate
Concen: 43.70 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:149 Resp: 1152268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.3 | 17.3 | 25.9 |
| 150 | 12.6 | 9.8 | 14.8 |

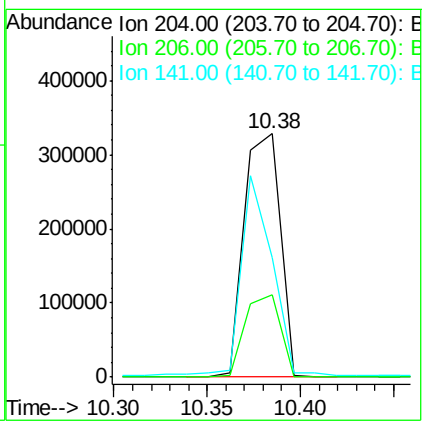


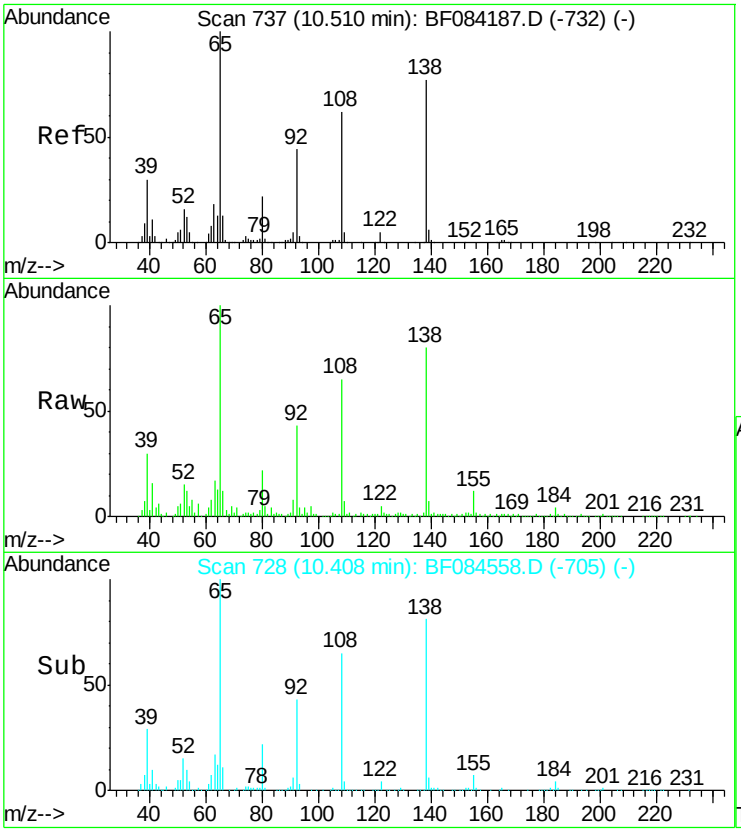




#60
4-Chlorophenyl-phenylether
Concen: 45.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:204 Resp: 441595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.6 | 25.7 | 38.5 |
| 141 | 49.3 | 55.1 | 82.7# |



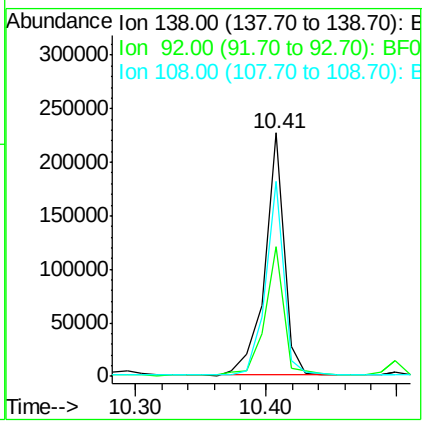


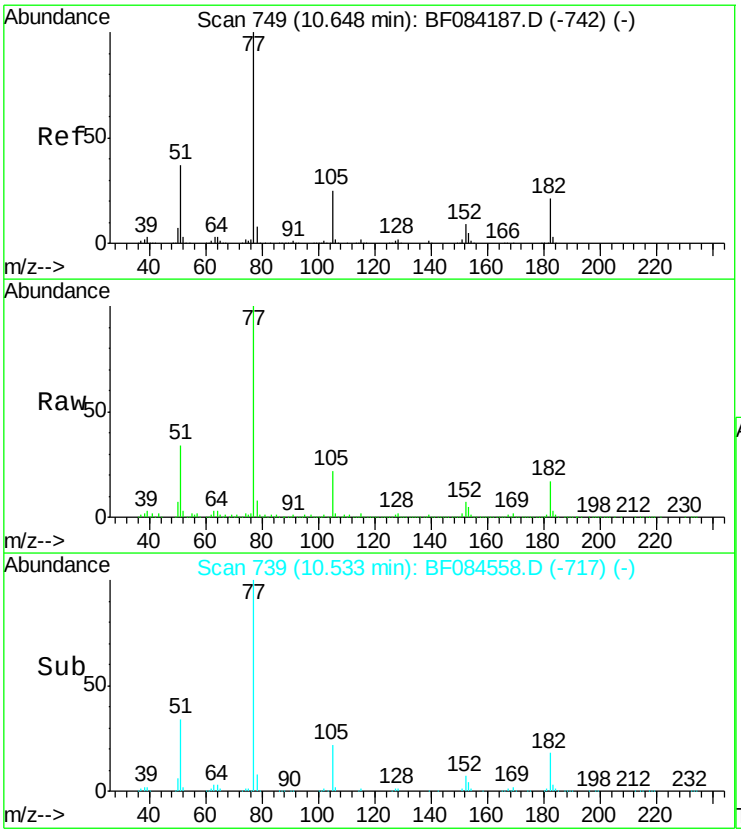

#61
4-Nitroaniline
Concen: 36.39 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:138 Resp: 235757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.5 | 32.6 | 72.6 |
| 108 | 80.2 | 68.6 | 108.6 |

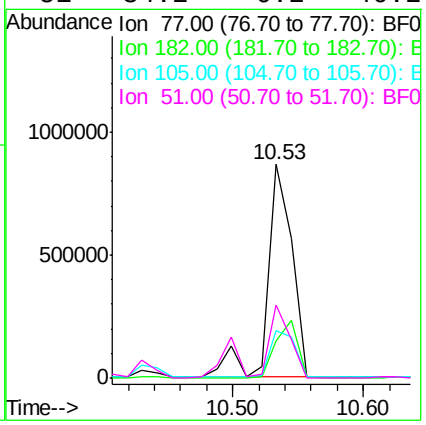


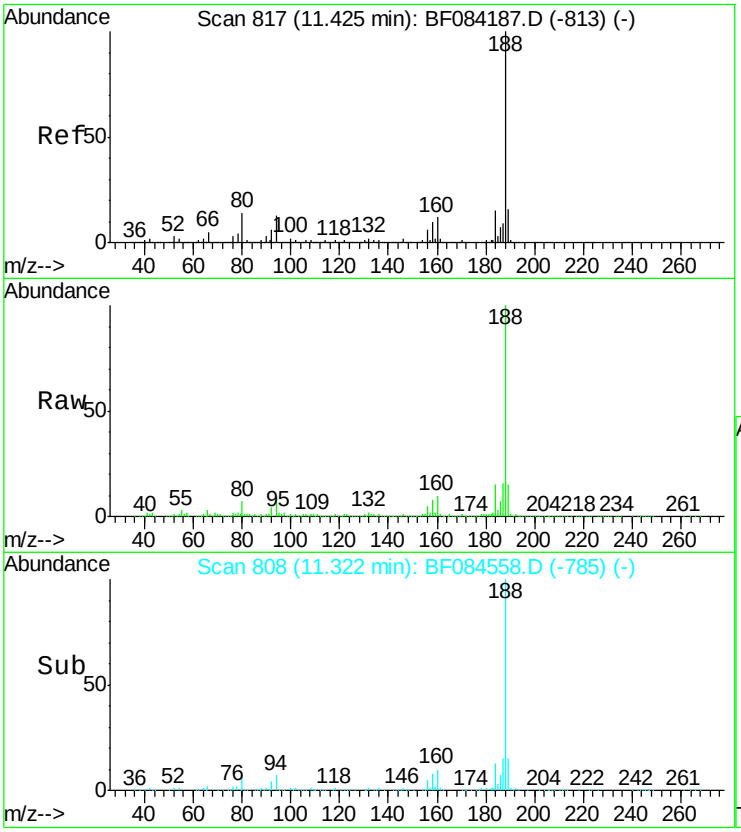




#62
Azobenzene
Concen: 38.92 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion: 77 Resp: 1125671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 17.4 | 8.3 | 48.3 |
| 105 | 22.3 | 4.6 | 44.6 |
| 51 | 34.2 | 6.2 | 46.2 |



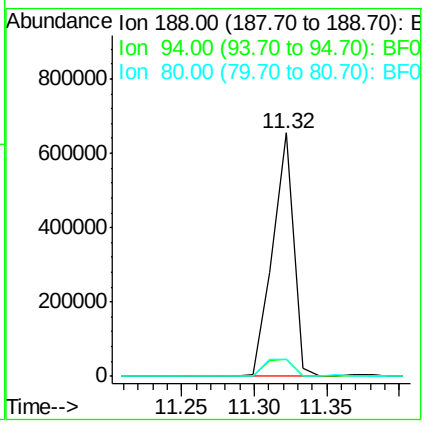


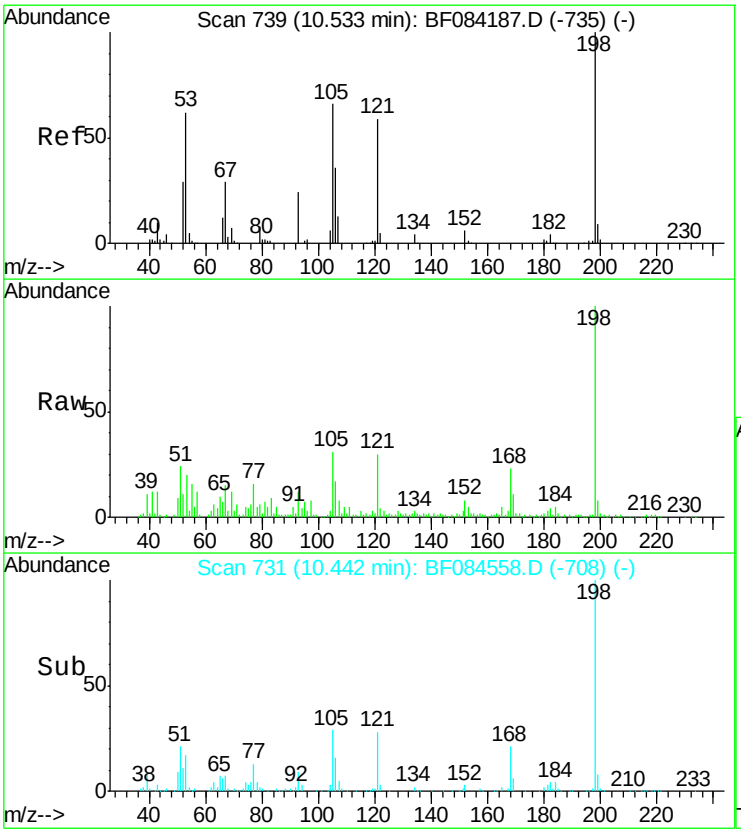

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:188 Resp: 661257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 9.0 | 13.4# |
| 80 | 7.1 | 9.6 | 14.4# |

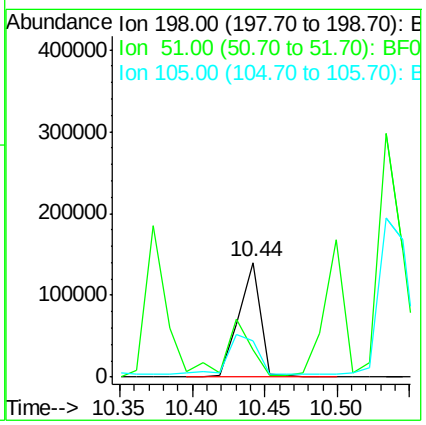


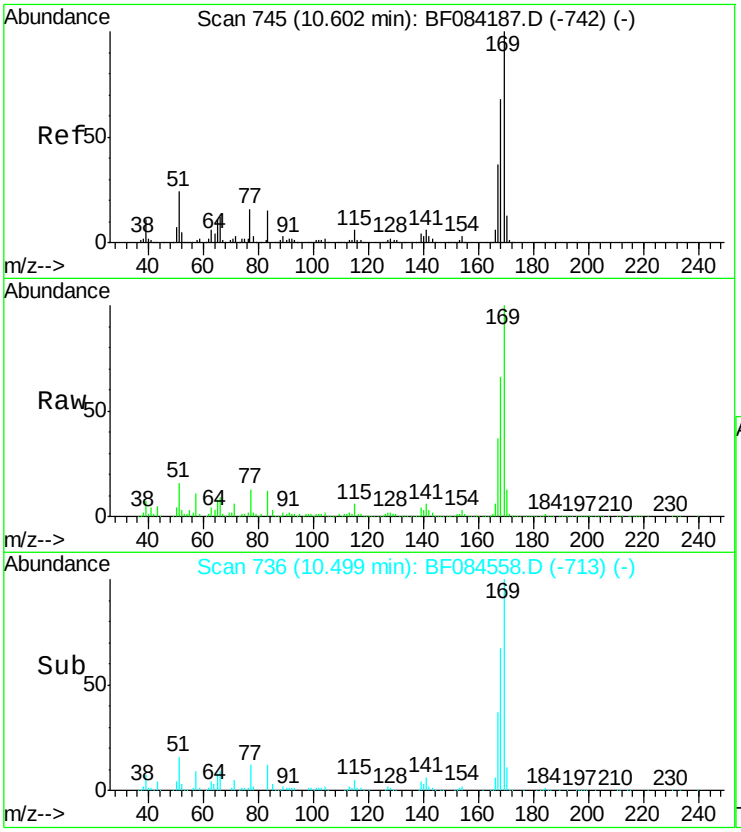




#64
4,6-Dinitro-2-methylphenol
Concen: 36.82 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:198 Resp: 148584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 23.7 | 18.9 | 58.9 |
| 105 | 31.5 | 26.4 | 66.4 |



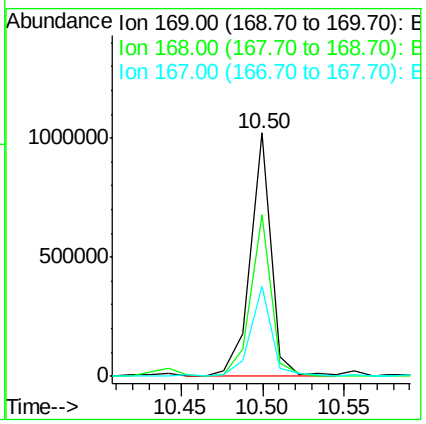


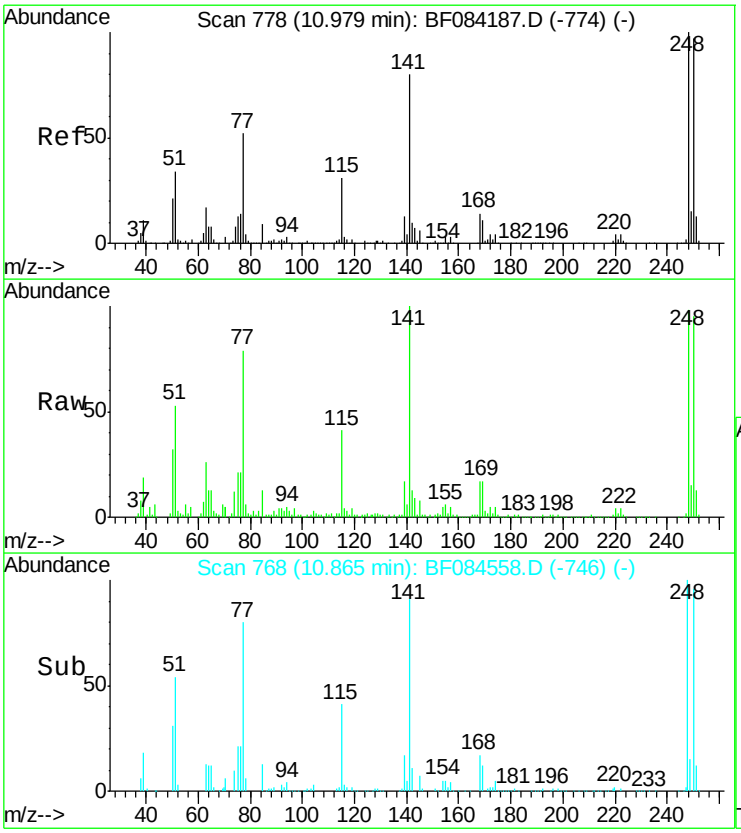

#65
n-Nitrosodiphenylamine
Concen: 42.76 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:169 Resp: 904004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.2 | 55.1 | 82.7 |
| 167 | 36.9 | 30.0 | 45.0 |

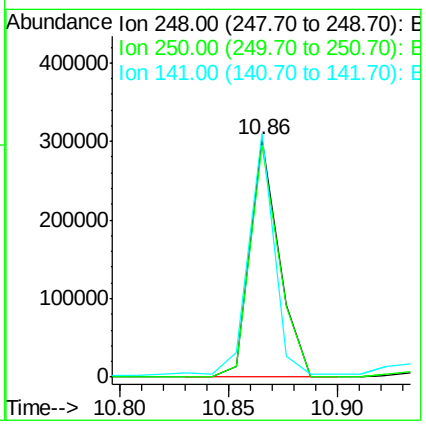


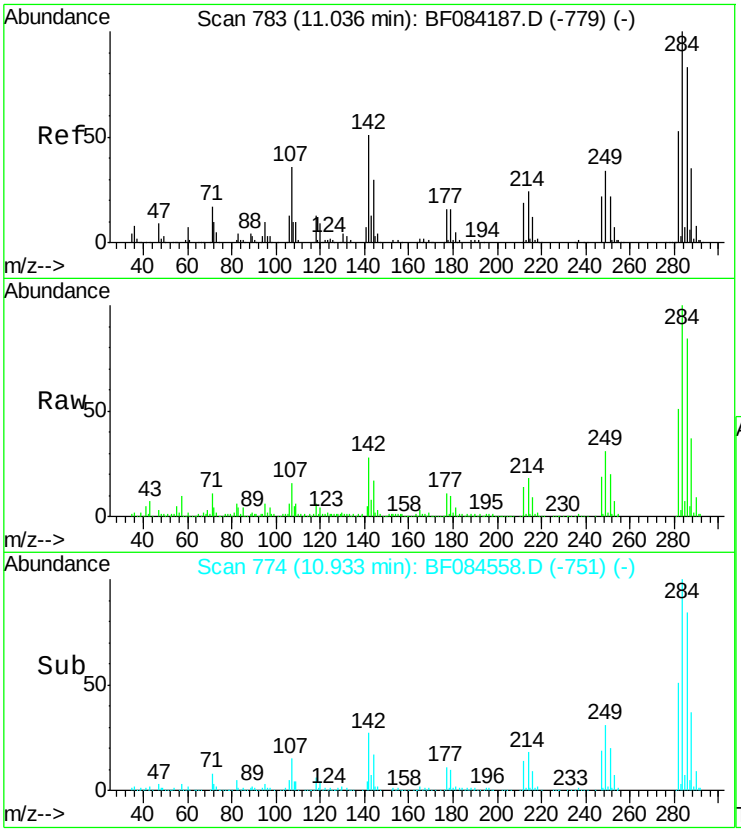




#66
4-Bromophenyl-phenylether
Concen: 39.50 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:248 Resp: 281156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 78.4 | 117.6 |
| 141 | 102.1 | 44.0 | 66.0# |



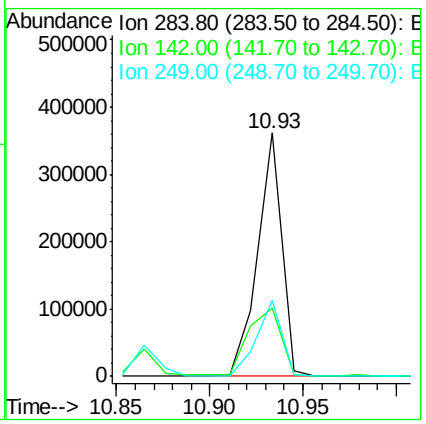


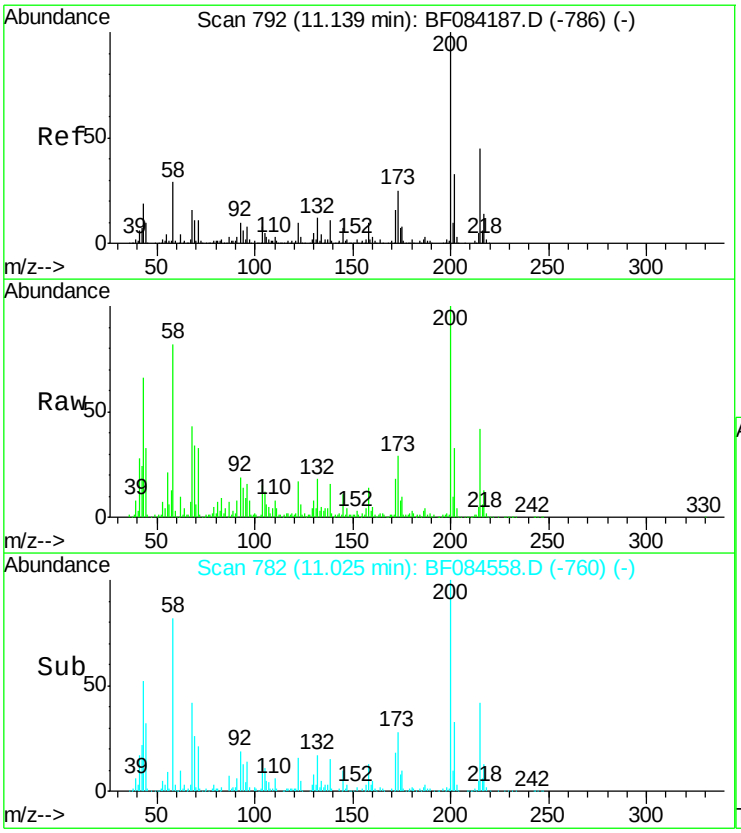

#67
Hexachlorobenzene
Concen: 40.17 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:284 Resp: 321812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.8 | 22.2 | 33.4 |
| 249 | 31.2 | 24.6 | 37.0 |

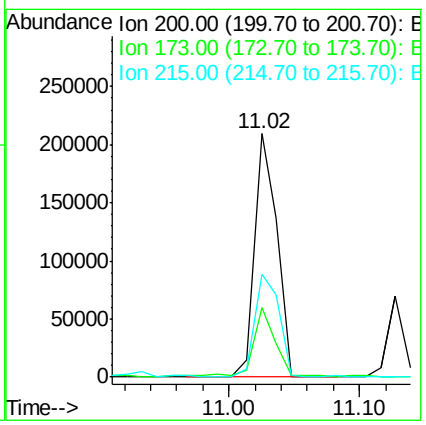


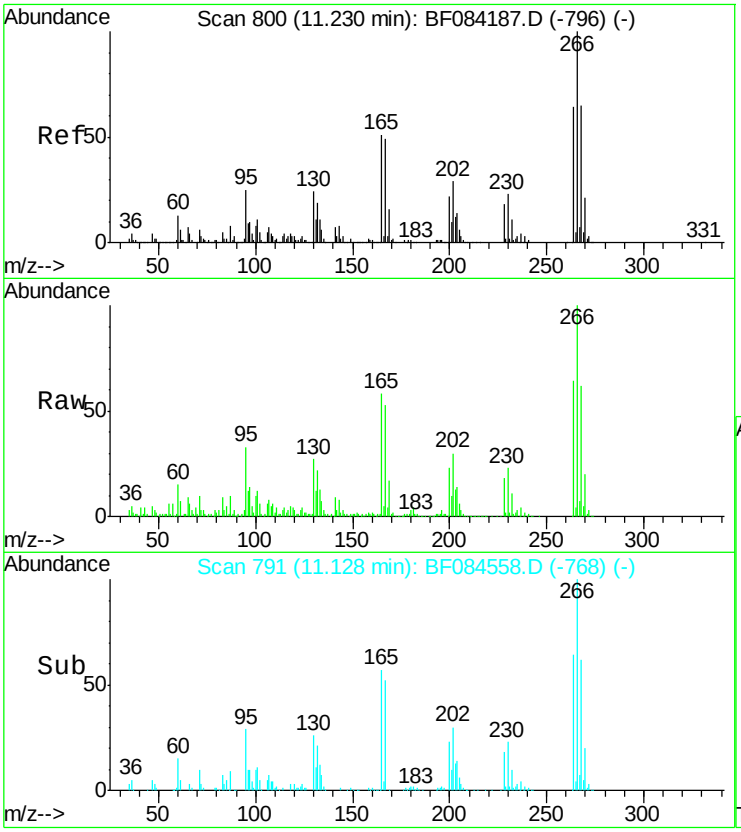




#68
Atrazine
Concen: 36.17 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:200 Resp: 250270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.6 | 9.5 | 49.5 |
| 215 | 42.0 | 23.8 | 63.8 |



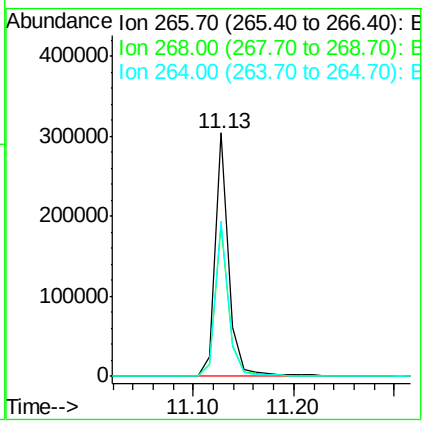


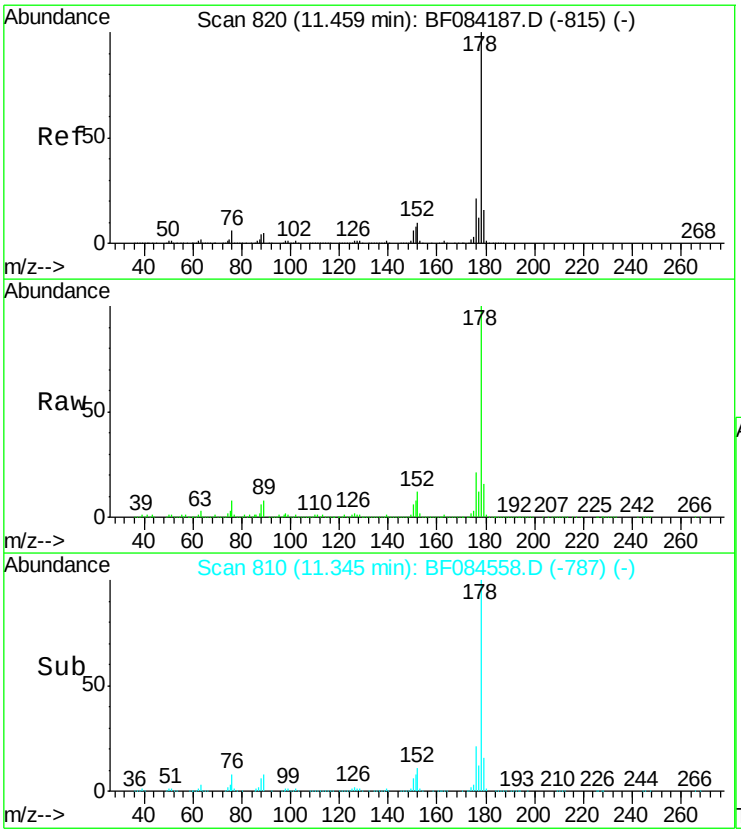

#69
Pentachlorophenol
Concen: 68.62 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:266 Resp: 285008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.4 | 52.4 | 78.6 |
| 264 | 63.6 | 50.2 | 75.2 |

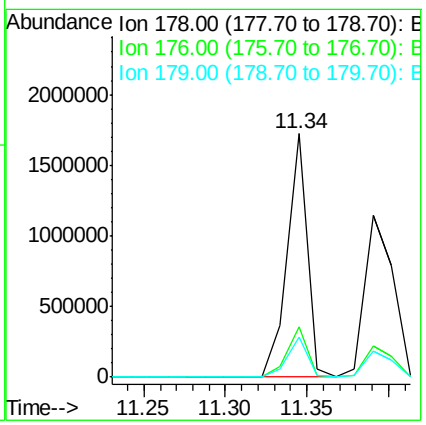


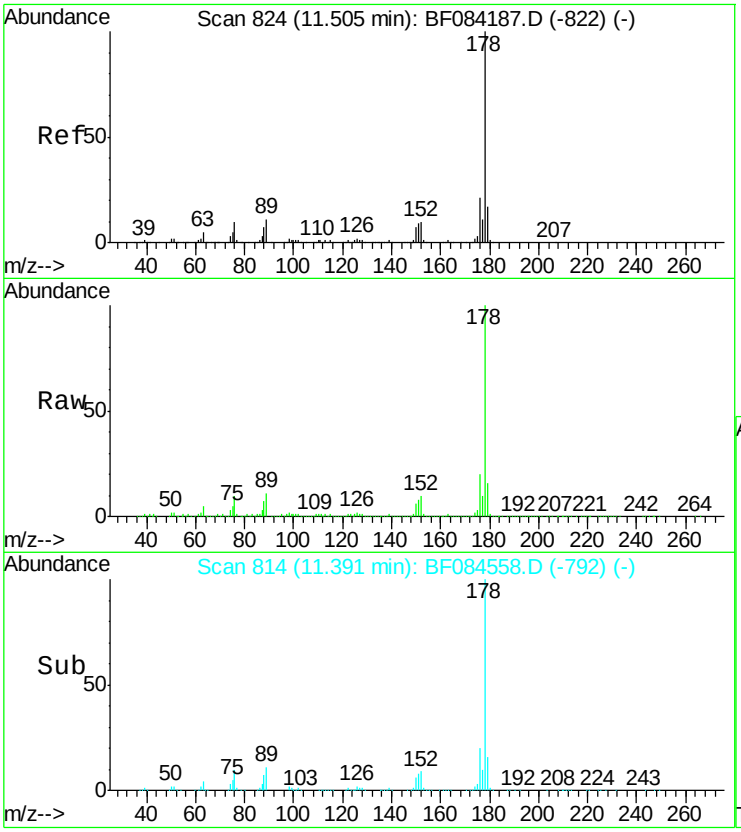




#70
Phenanthrene
Concen: 42.69 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:178 Resp: 1476616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 15.3 | 22.9 |
| 179 | 16.4 | 12.0 | 18.0 |



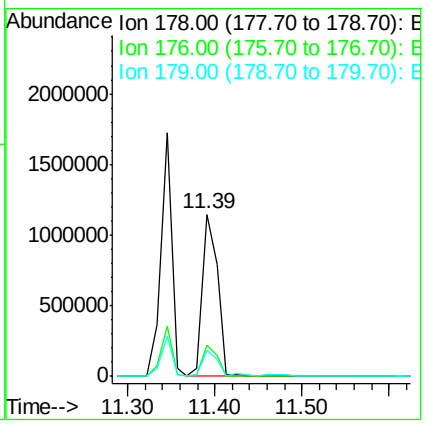


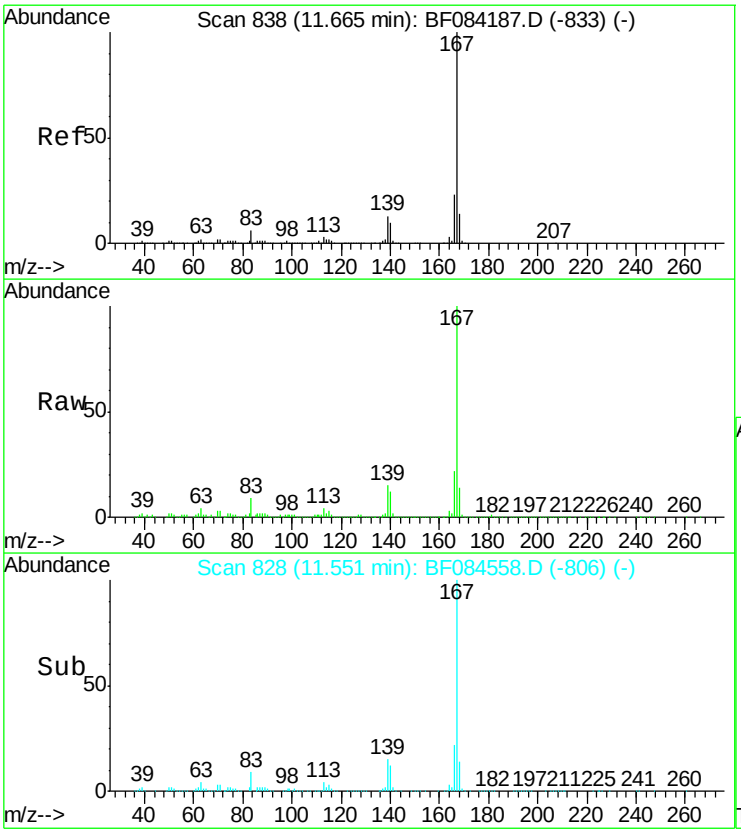

#71
Anthracene
Concen: 40.87 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:178 Resp: 1385838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.4 | 23.0 |
| 179 | 16.1 | 12.5 | 18.7 |

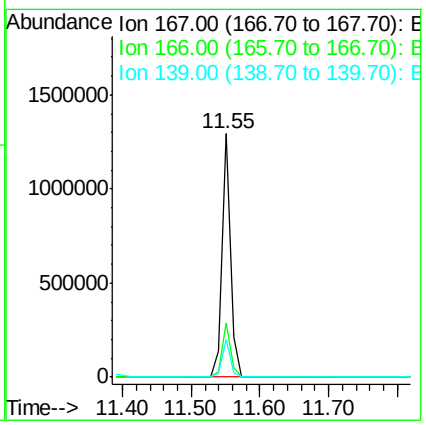


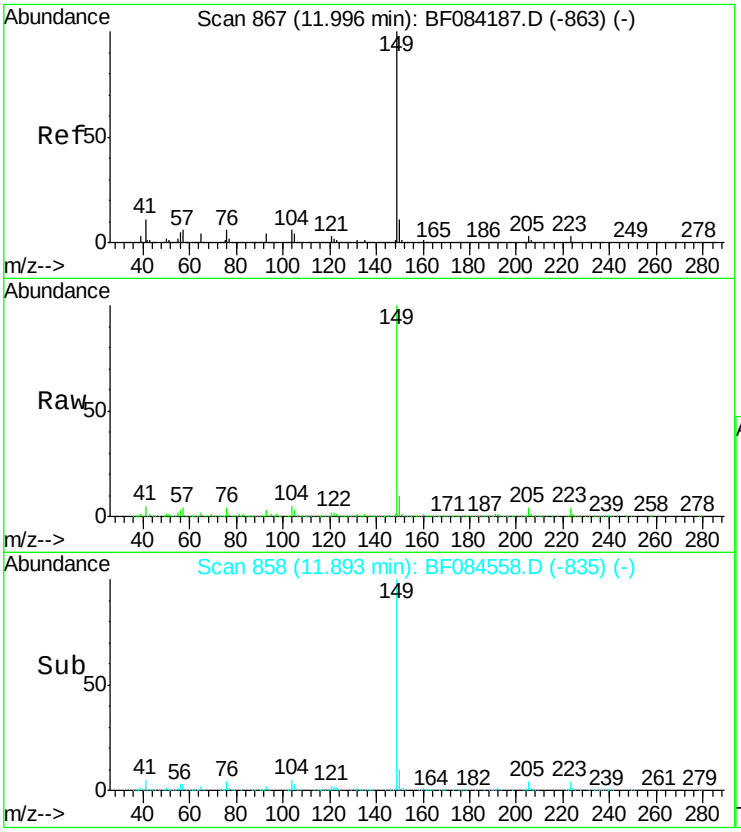




#72
Carbazole
Concen: 34.55 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:167 Resp: 1145326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.6 | 26.4 |
| 139 | 15.5 | 11.8 | 17.8 |



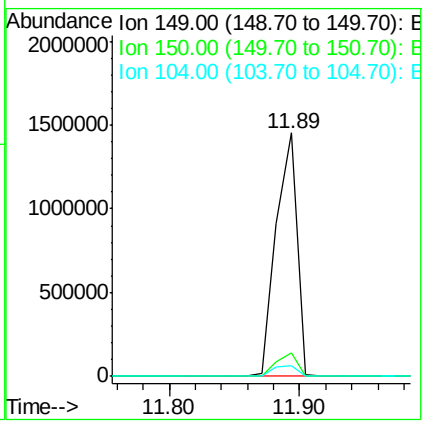


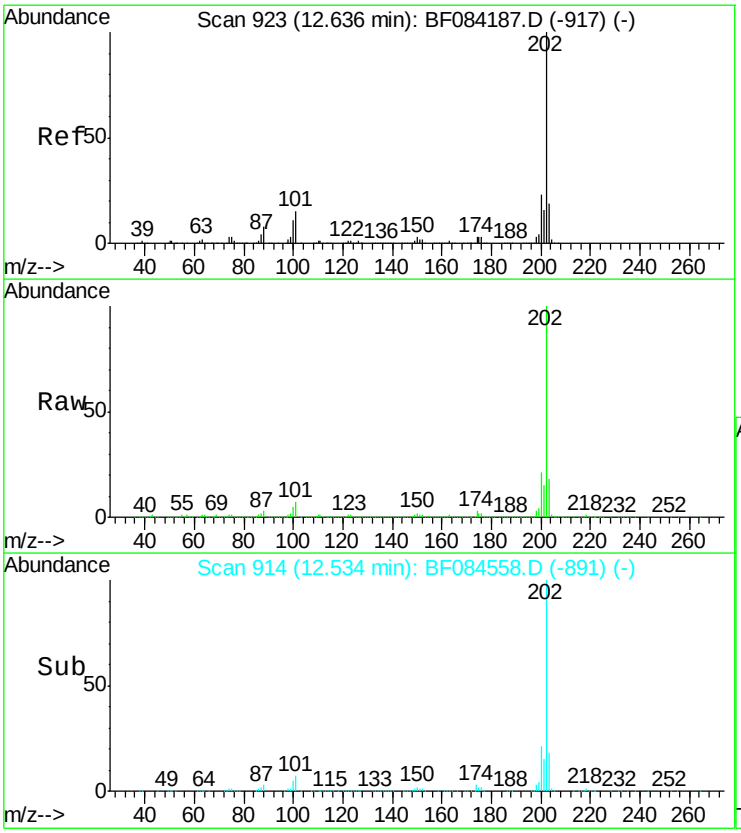

#73
Di-n-butylphthalate
Concen: 47.00 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:149 Resp: 1637411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.1 | 10.7 |
| 104 | 4.6 | 3.2 | 4.8 |

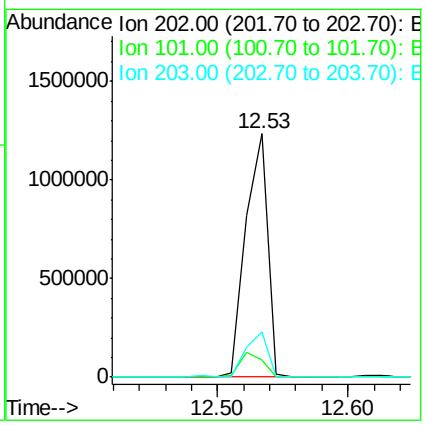


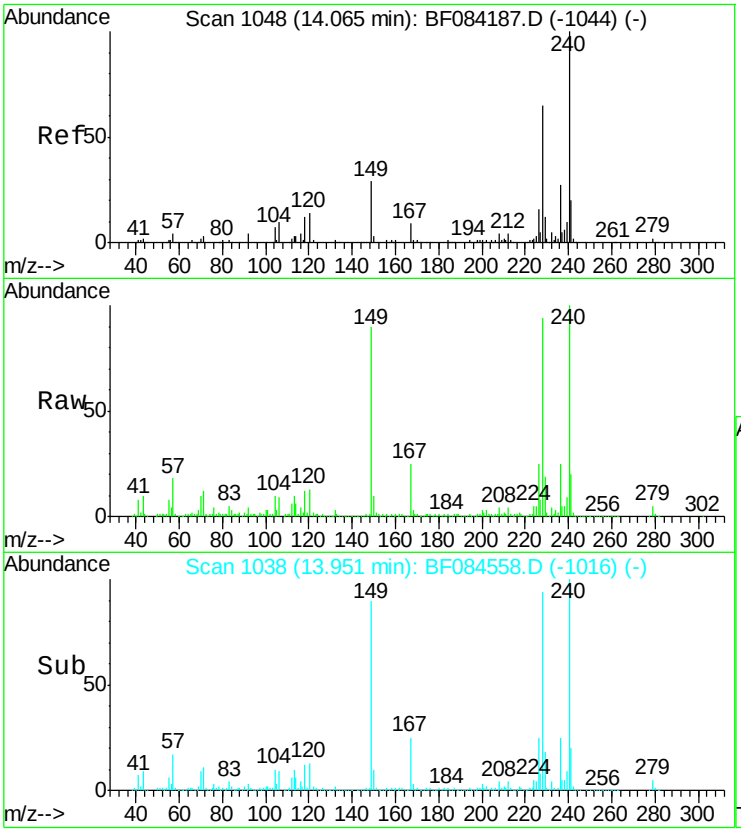




#74
Fluoranthene
Concen: 39.76 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:202 Resp: 1436815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.2 | 0.0 | 32.8 |
| 203 | 18.4 | 0.0 | 37.9 |



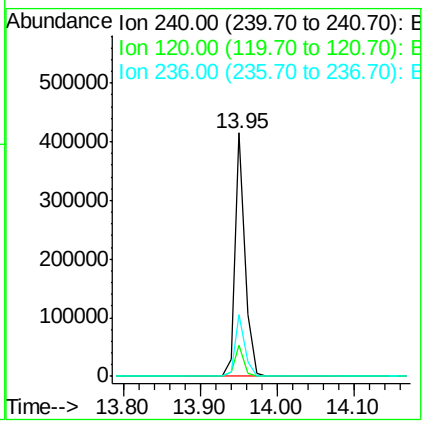


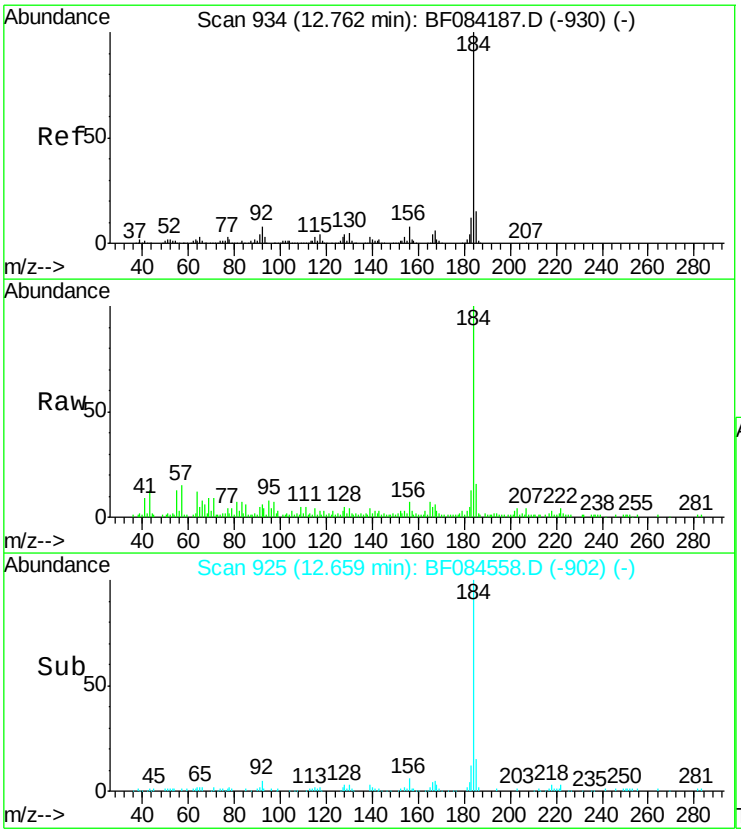

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:240 Resp: 386063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.7 | 9.5 | 14.3 |
| 236 | 25.4 | 20.6 | 31.0 |

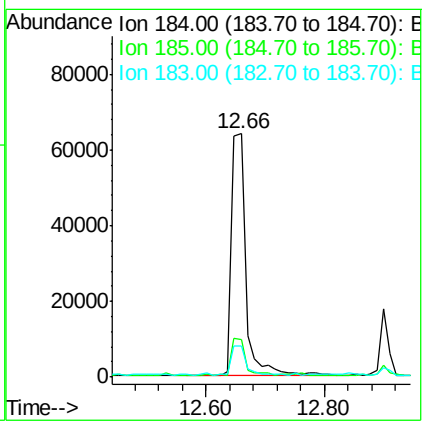


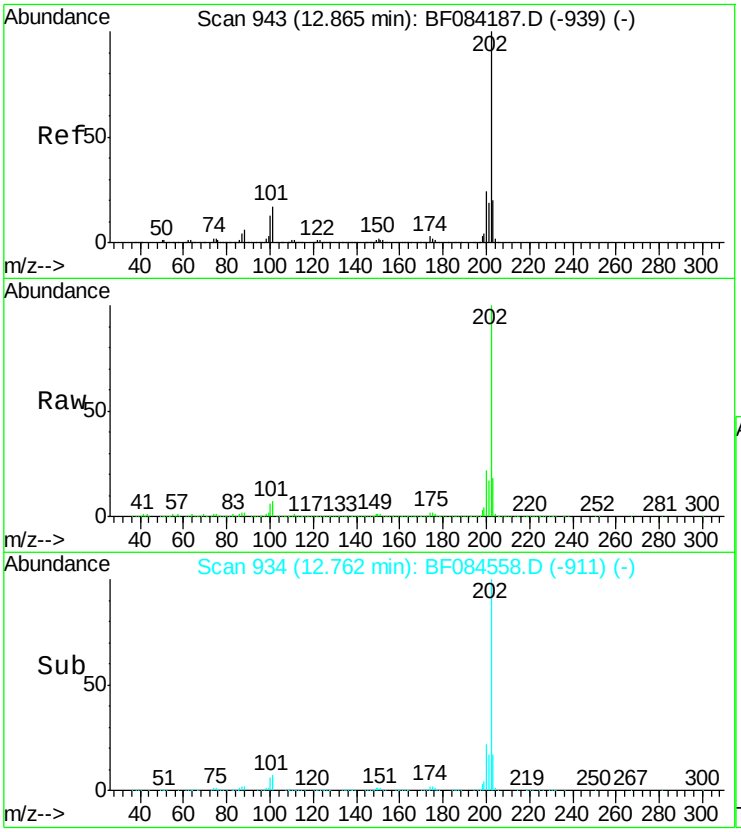




#76
Benzidine
Concen: 7.79 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:184 Resp: 107784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 12.2 | 18.2 |
| 183 | 12.8 | 9.8 | 14.8 |



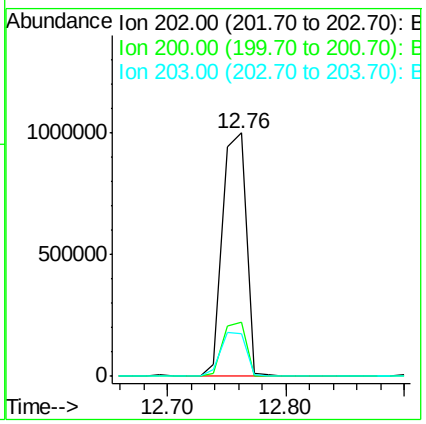


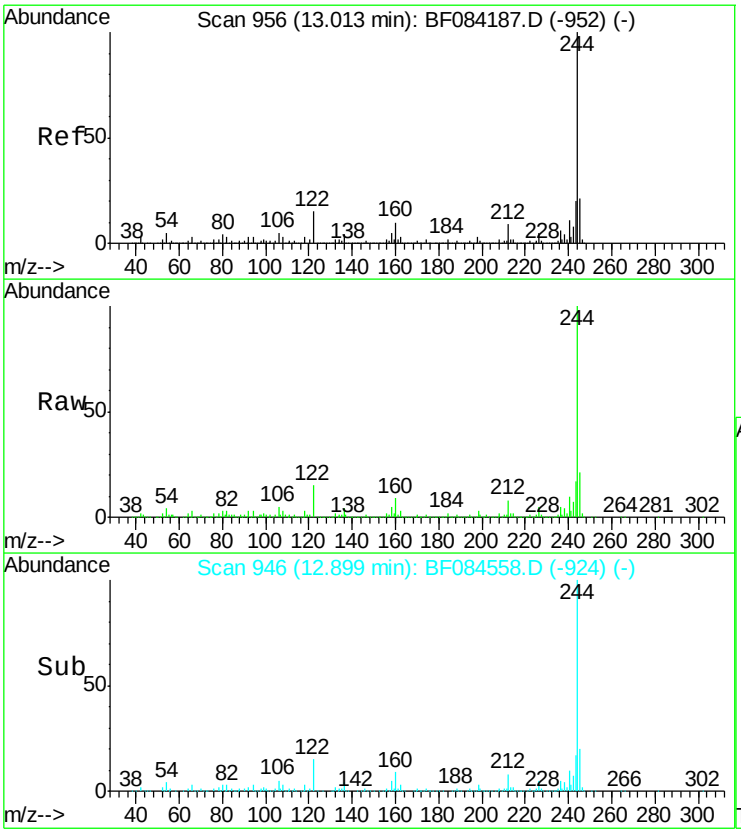

#77
Pyrene
Concen: 45.32 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:202 Resp: 1372953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.1 | 17.2 | 25.8 |
| 203 | 17.6 | 14.3 | 21.5 |

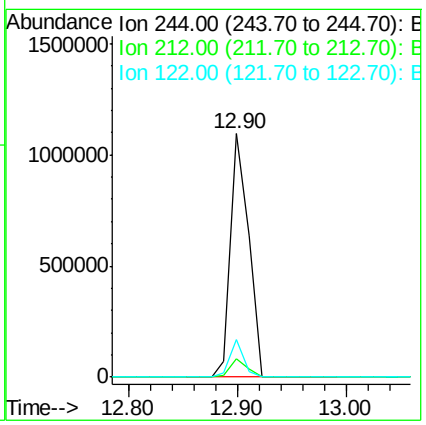


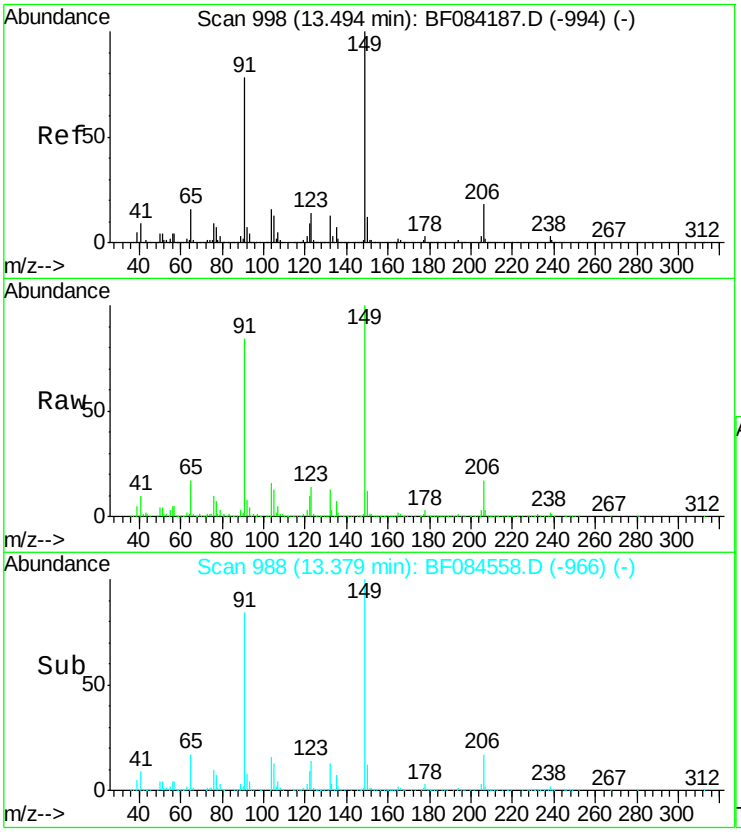




#78
Terphenyl-d14
Concen: 71.82 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:244 Resp: 1242173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.7 | 8.5 |
| 122 | 15.3 | 7.4 | 11.0# |



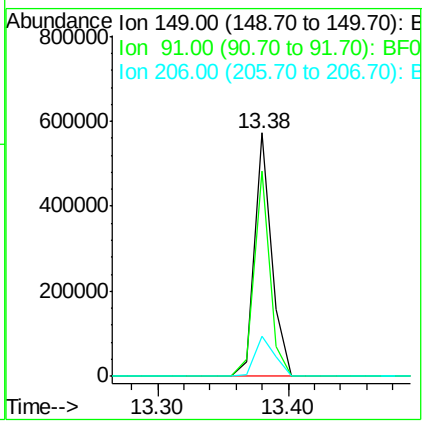


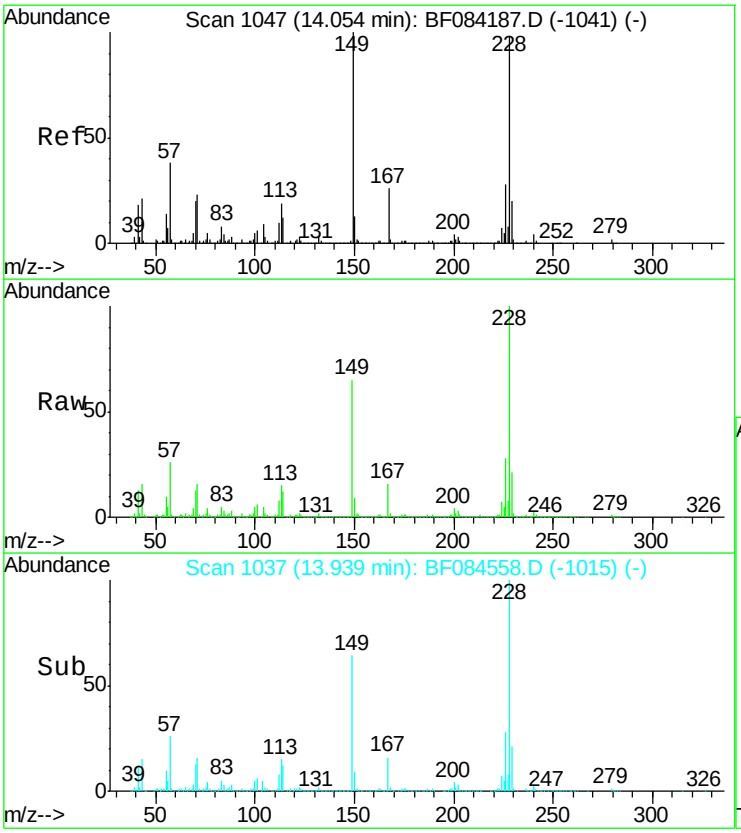

#79
Butylbenzylphthalate
Concen: 39.95 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:149 Resp: 523703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 84.2 | 57.6 | 86.4 |
| 206 | 16.7 | 13.2 | 19.8 |

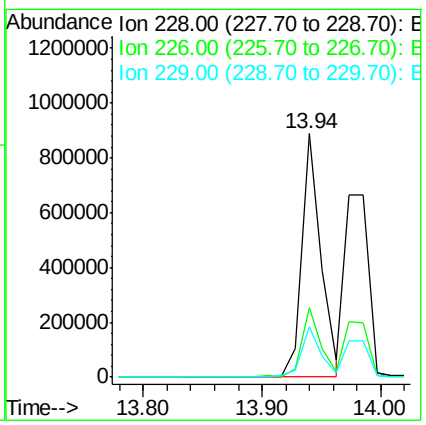


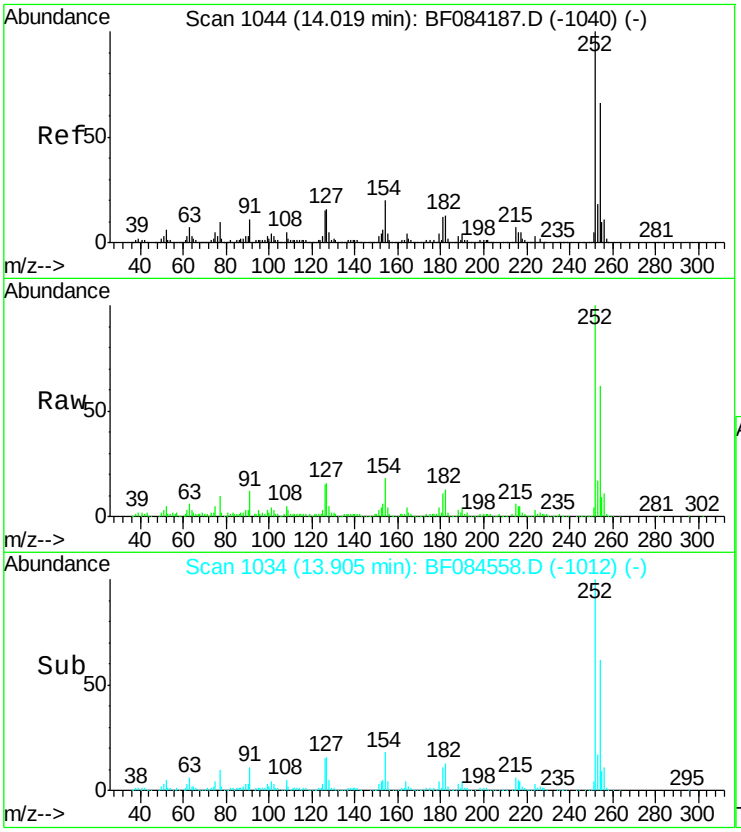




#80
Benzo(a)anthracene
Concen: 43.88 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:228 Resp: 994782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 21.8 | 32.6 |
| 229 | 20.9 | 15.8 | 23.8 |



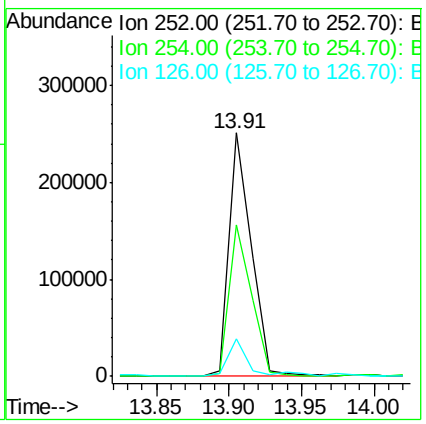


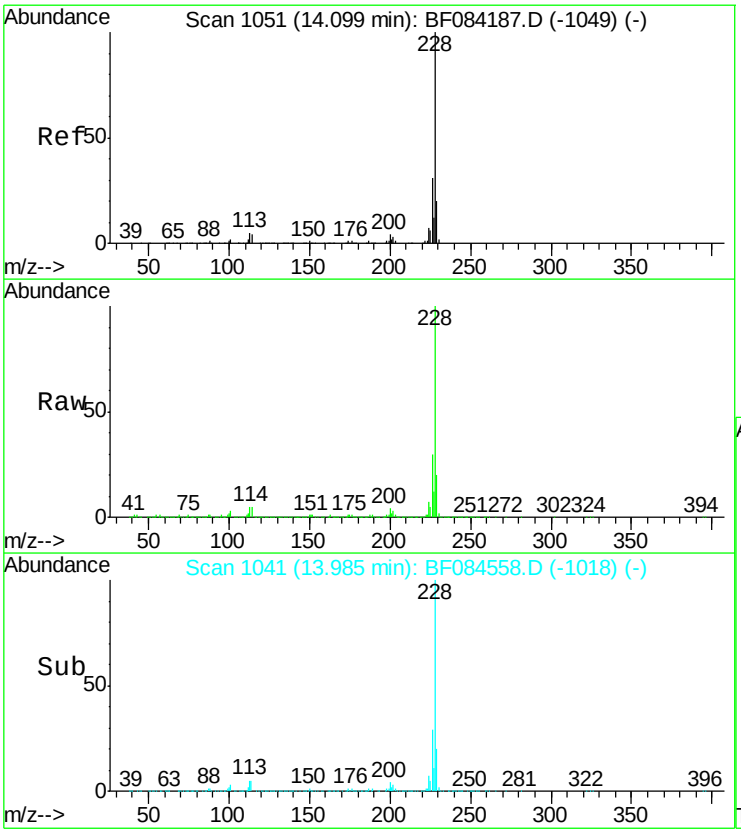

#81
3,3'-Dichlorobenzidine
Concen: 33.88 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:252 Resp: 268014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.0 | 53.5 | 80.3 |
| 126 | 15.4 | 4.9 | 7.3# |

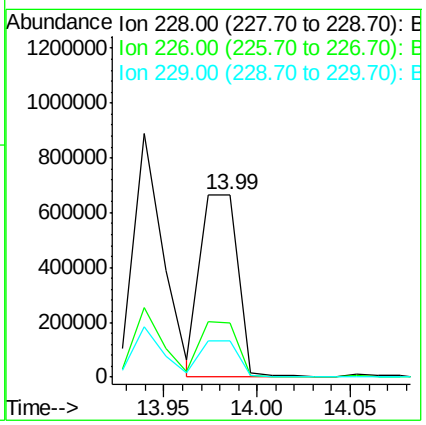


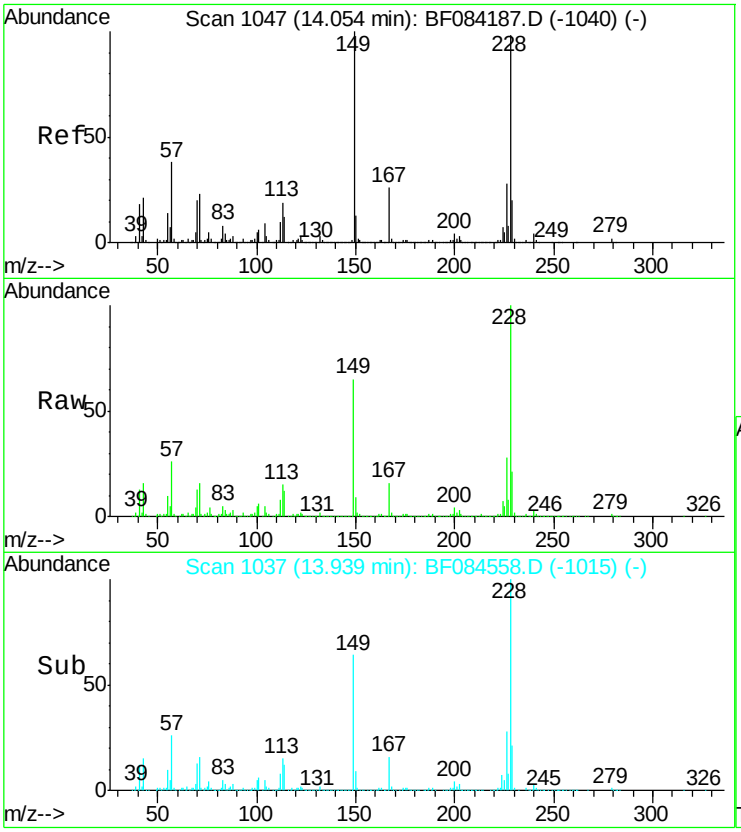




#82
Chrysene
Concen: 42.32 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:228 Resp: 921948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.3 | 36.5 |
| 229 | 19.9 | 16.1 | 24.1 |



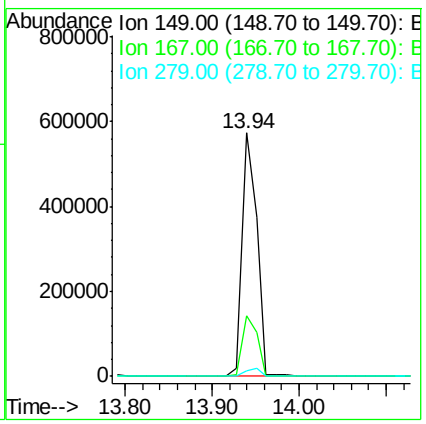


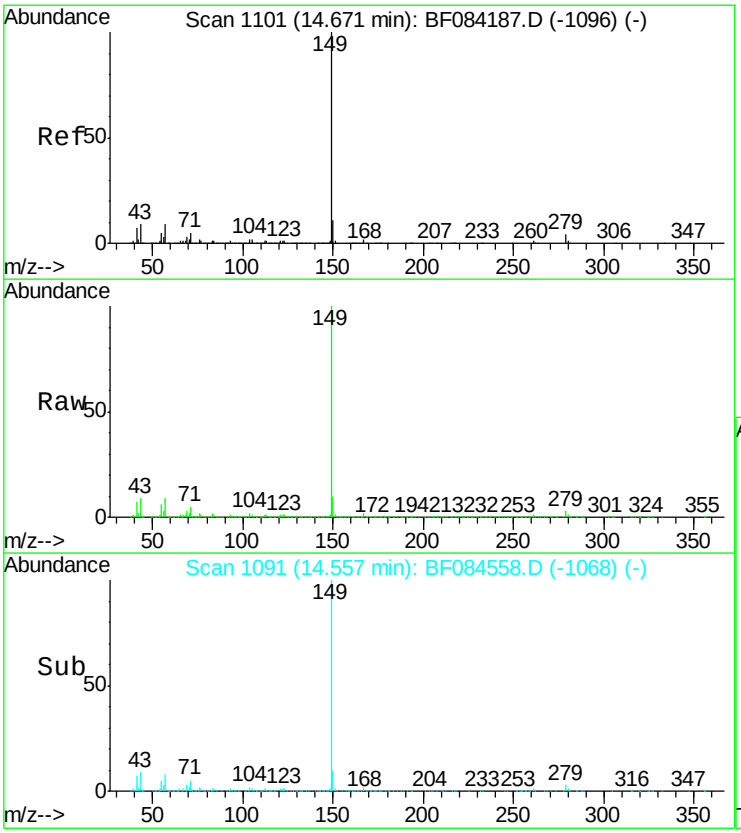

#83
Bis(2-ethylhexyl)phthalate
Concen: 40.54 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:149 Resp: 671498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.0 | 19.7 | 29.5 |
| 279 | 2.1 | 1.8 | 2.6 |

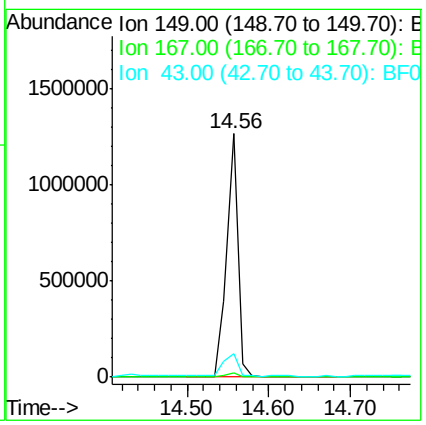


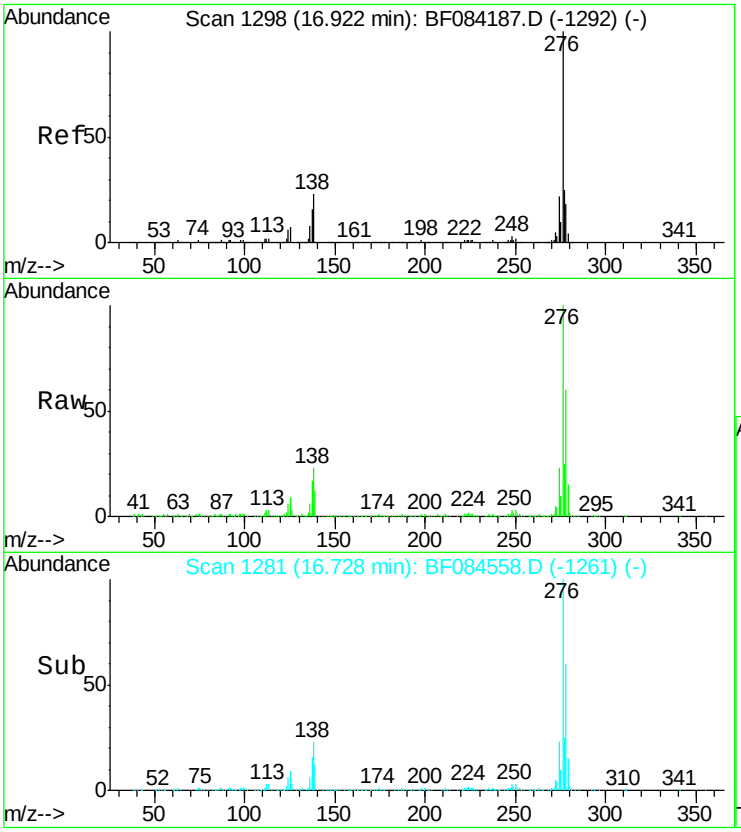




#84
Di-n-octyl phthalate
Concen: 42.65 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:149 Resp: 1192579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 11.5 | 5.6 | 8.4# |



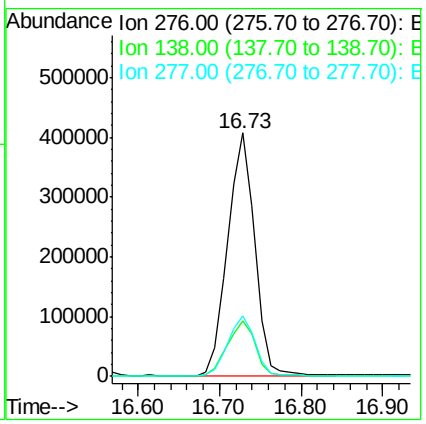


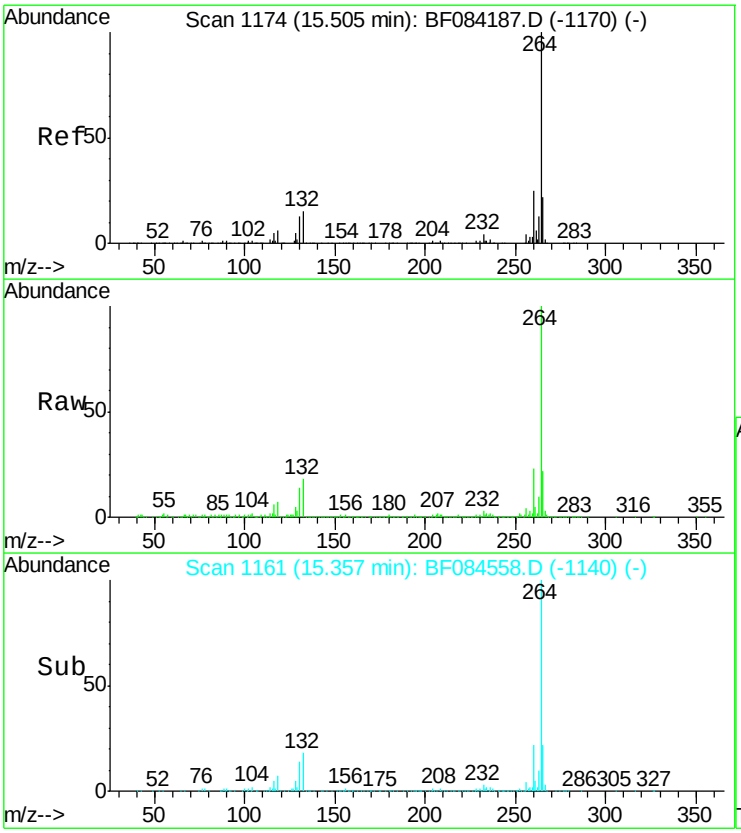

#85
Indeno(1,2,3-cd)pyrene
Concen: 54.55 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:276 Resp: 941872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.4 | 20.6 | 30.8 |
| 277 | 25.3 | 20.1 | 30.1 |

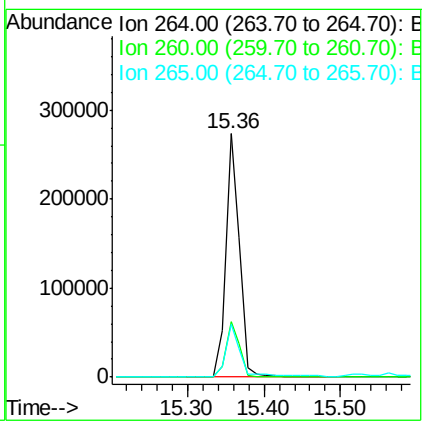


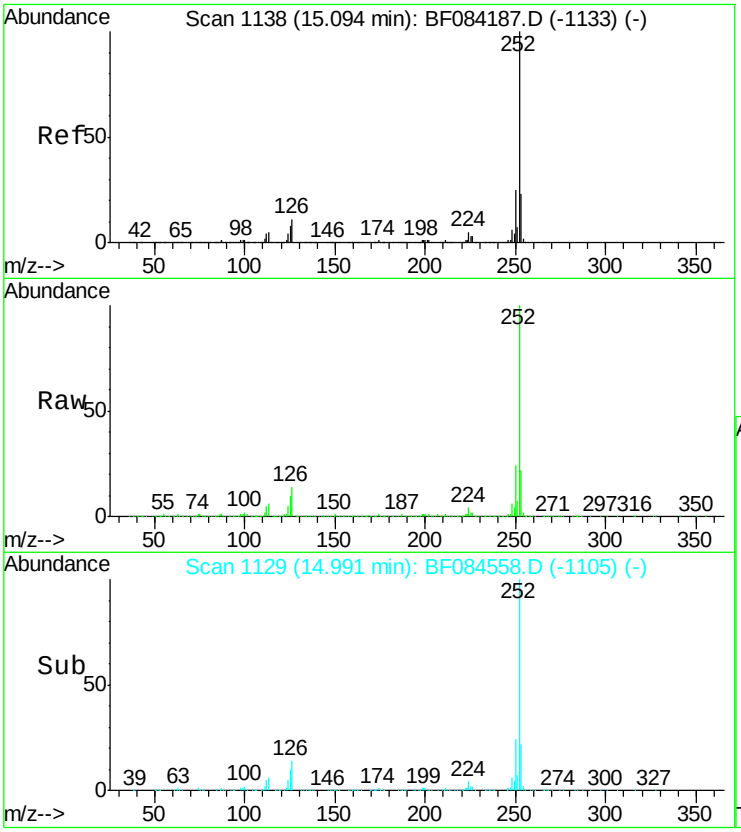




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:264 Resp: 349076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 19.4 | 29.2 |
| 265 | 21.7 | 17.8 | 26.6 |



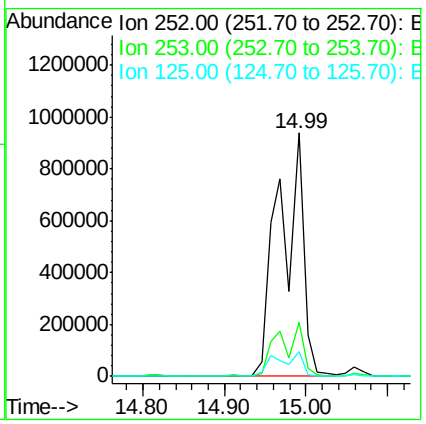


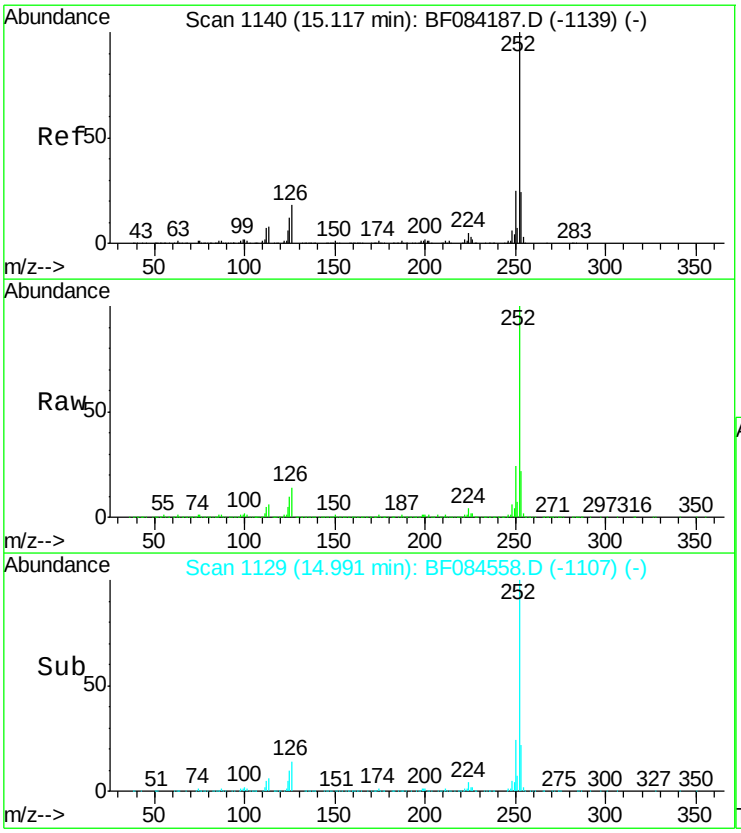

#87
Benzo(b)fluoranthene
Concen: 86.08 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:252 Resp: 1965666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.3 | 25.9 |
| 125 | 10.0 | 6.5 | 9.7# |

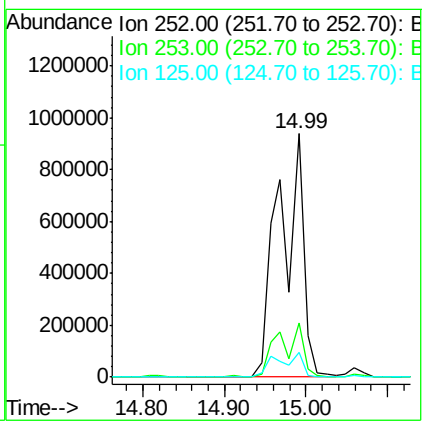


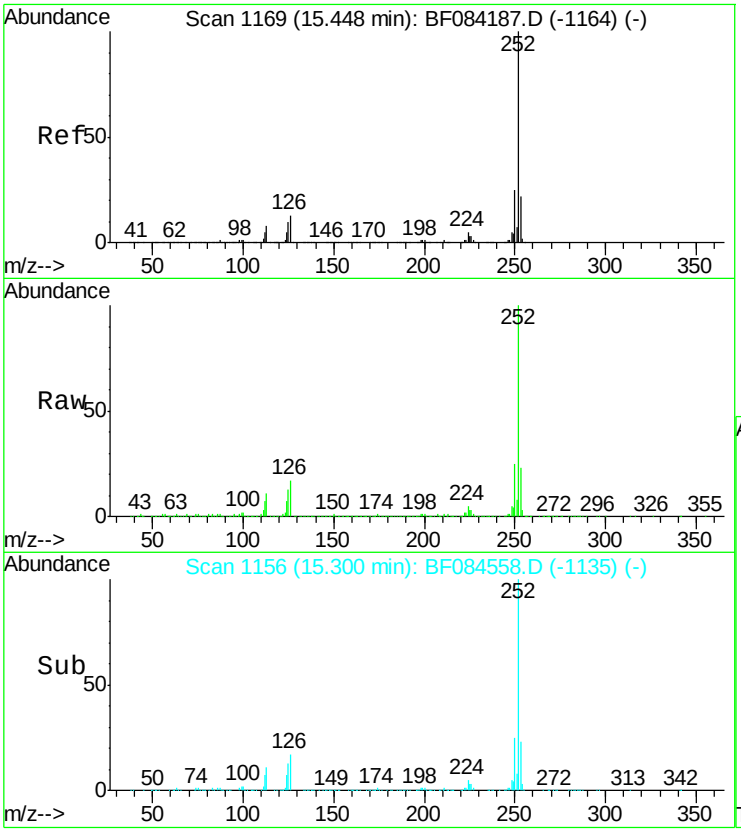




#88
Benzo(k)fluoranthene
Concen: 105.26 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:252 Resp: 1965666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.1 | 27.1 |
| 125 | 10.0 | 9.0 | 13.6 |



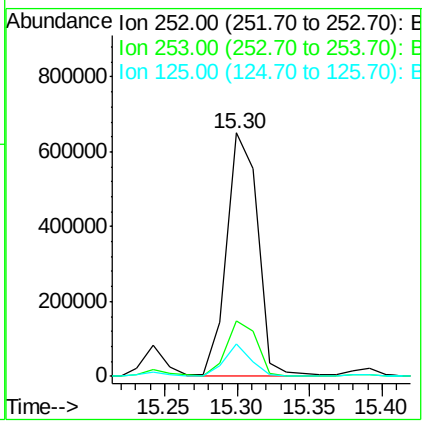


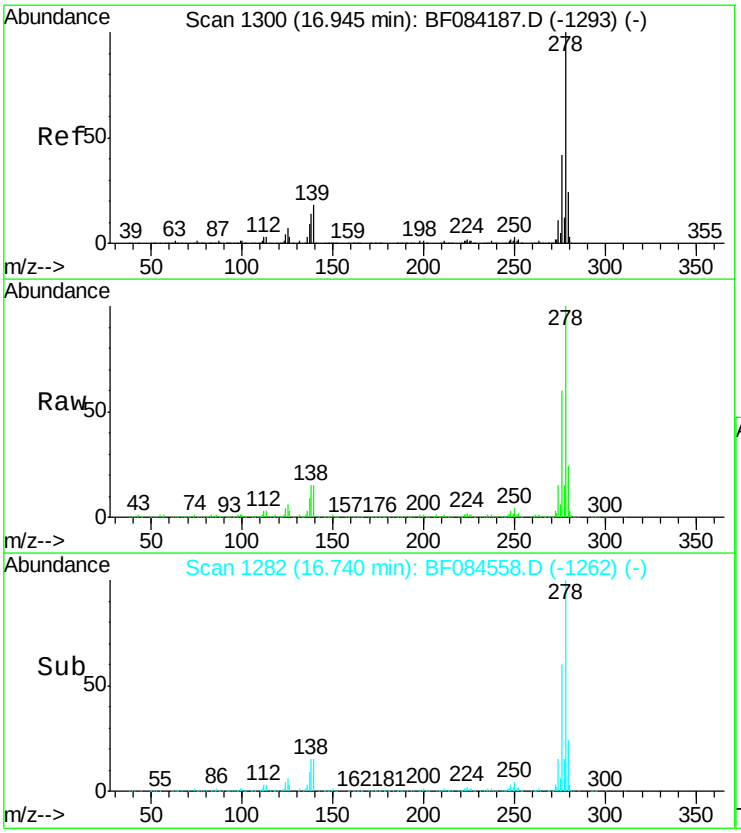

#89
Benzo(a)pyrene
Concen: 49.72 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:252 Resp: 962971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.3 | 25.9 |
| 125 | 13.2 | 7.0 | 10.4# |

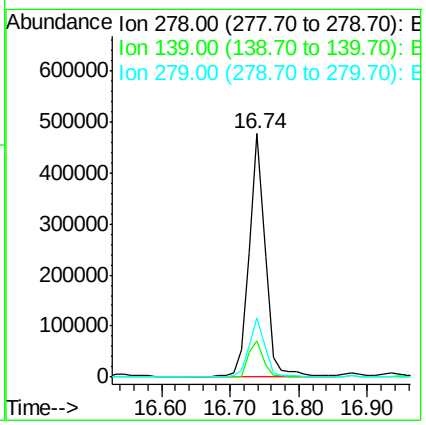


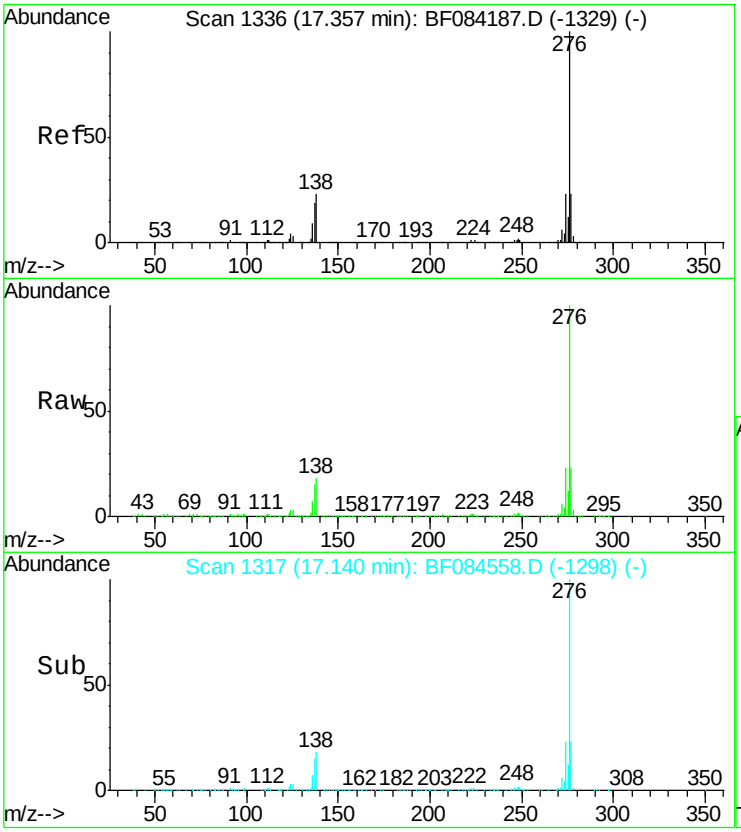




#90
Dibenzo(a,h)anthracene
Concen: 45.72 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

Tgt Ion:278 Resp: 761933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 15.0 | 22.4 |
| 279 | 24.3 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 44.85 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF084558.D
Acq: 19 Jan 2016 18:01

**Instrument :**
BNA_F
**ClientSampleId :**
SP-004(0-2)MS

Tgt Ion:276 Resp: 774061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.9 | 18.8 | 28.2 |
| 138 | 18.3 | 17.8 | 26.6 |