Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083129.D
Acq On : 22 Nov 2015 00:36
Operator : UM/IZ
Sample : PB86781BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86781BS

Quant Time: Nov 22 02:29:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:05:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.65 | 152 | 212470 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.94 | 136 | 804603 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.69 | 164 | 405929 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.16 | 188 | 754784 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.79 | 240 | 666426 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.15 | 264 | 602871 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.27 | 112 | 960418 | 34.17 | ng | | -0.01 |
| 7) Phenol-d6 | 6.32 | 99 | 1233292 | 33.91 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.22 | 82 | 1159499 | 32.92 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 280065 | 33.72 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.03 | 172 | 1890987 | 32.48 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.75 | 244 | 1911283 | 33.77 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.25 | 88 | 193390 | 27.78 | ng | # | 92 |
| 3) Pyridine | 2.98 | 79 | 541860 | 29.47 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.86 | 42 | 296941 | 35.01 | ng | | 99 |
| 6) Aniline | 6.32 | 93 | 505842 | 22.76 | ng | # | 86 |
| 8) 2-Chlorophenol | 6.44 | 128 | 514050 | 33.86 | ng | | 98 |
| 9) Benzaldehyde | 6.20 | 77 | 258438 | 25.48 | ng | | 92 |
| 10) Phenol | 6.34 | 94 | 696602 | 31.67 | ng | # | 74 |
| 11) bis(2-Chloroethyl)ether | 6.40 | 93 | 542952 | 34.57 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.82 | 146 | 485599 | 28.01 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.67 | 146 | 567319 | 32.35 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 6.82 | 146 | 498010 | 31.24 | ng | | 96 |
| 15) Benzyl Alcohol | 6.82 | 79 | 493605 | 32.48 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45 | 867711 | 35.43 | ng | | 89 |
| 17) 2-Methylphenol | 6.95 | 107 | 421312 | 33.53 | ng | | 97 |
| 18) Hexachloroethane | 7.16 | 117 | 202120 | 32.72 | ng | # | 87 |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70 | 402665 | 31.82 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.10 | 107 | 574869 | 36.19 | ng | | 91 |
| 22) Acetophenone | 7.08 | 105 | 736590 | 31.89 | ng | # | 92 |
| 24) Nitrobenzene | 7.24 | 77 | 617791 | 32.84 | ng | | 98 |
| 25) Isophorone | 7.50 | 82 | 1086343 | 32.58 | ng | | 98 |
| 26) 2-Nitrophenol | 7.56 | 139 | 269816 | 32.48 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.62 | 122 | 457009 | 34.48 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93 | 670654 | 34.60 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.82 | 162 | 458302 | 36.35 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.88 | 180 | 442793 | 31.97 | ng | | 96 |
| 31) Naphthalene | 7.96 | 128 | 1439194 | 33.14 | ng | | 98 |
| 32) Benzoic acid | 7.78 | 122 | 336154 | 32.62 | ng | | 95 |
| 33) 4-Chloroaniline | 8.03 | 127 | 264517 | 15.70 | ng | # | 87 |
| 34) Hexachlorobutadiene | 8.09 | 225 | 274574 | 33.55 | ng | | 100 |
| 35) Caprolactam | 8.43 | 113 | 97017 | 24.01 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 8.52 | 107 | 489188 | 33.50 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 8.75 | 142 | 855113 | 30.34 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216 | 414451 | 31.50 | ng | # | 98 |
| 40) Hexachlorocyclopentadiene | 8.81 | 237 | 475607 | 63.57 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083129.D
Acq On : 22 Nov 2015 00:36
Operator : UM/IZ
Sample : PB86781BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86781BS

Quant Time: Nov 22 02:29:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:05:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.95 | 196 | 321916 | 34.16 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 8.99 | 196 | 318977 | 33.11 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.12 | 154 | 1112460 | 32.20 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.14 | 162 | 915229 | 33.73 | ng | | 94 |
| 47) 2-Nitroaniline | 9.24 | 65 | 313912 | 32.70 | ng | | 100 |
| 48) Acenaphthylene | 9.55 | 152 | 1389456 | 33.04 | ng | | 99 |
| 49) Dimethylphthalate | 9.44 | 163 | 1122451 | 35.92 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.48 | 165 | 222959 | 31.80 | ng | | 94 |
| 51) Acenaphthene | 9.72 | 154 | 846668 | 33.08 | ng | | 99 |
| 52) 3-Nitroaniline | 9.66 | 138 | 135558 | 18.13 | ng | # | 63 |
| 53) 2,4-Dinitrophenol | 9.76 | 184 | 280269 | 69.37 | ng | # | 86 |
| 54) Dibenzofuran | 9.90 | 168 | 1212974 | 33.52 | ng | | 97 |
| 55) 4-Nitrophenol | 9.85 | 139 | 372269 | 64.93 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 9.90 | 165 | 295274 | 33.23 | ng | # | 83 |
| 57) Fluorene | 10.24 | 166 | 1013505 | 33.89 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.02 | 232 | 268229 | 33.94 | ng | | 97 |
| 59) Diethylphthalate | 10.14 | 149 | 1052123 | 33.82 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.24 | 204 | 465925 | 34.01 | ng | # | 80 |
| 61) 4-Nitroaniline | 10.27 | 138 | 226019 | 30.71 | ng | | 91 |
| 62) Azobenzene | 10.39 | 77 | 1251855 | 35.26 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 191850 | 36.89 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 10.35 | 169 | 833470 | 32.47 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.72 | 248 | 290762 | 34.72 | ng | # | 90 |
| 67) Hexachlorobenzene | 10.79 | 284 | 316248 | 34.29 | ng | # | 79 |
| 68) Atrazine | 10.89 | 200 | 272437 | 36.55 | ng | | 98 |
| 69) Pentachlorophenol | 10.98 | 266 | 382562 | 63.68 | ng | | 97 |
| 70) Phenanthrene | 11.19 | 178 | 1415932 | 32.56 | ng | | 100 |
| 71) Anthracene | 11.24 | 178 | 1593911 | 35.93 | ng | | 99 |
| 72) Carbazole | 11.40 | 167 | 1388557 | 35.21 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.75 | 149 | 1671148 | 34.72 | ng | | 100 |
| 74) Fluoranthene | 12.38 | 202 | 1603614 | 36.03 | ng | | 94 |
| 76) Benzidine | 12.50 | 184 | 628785 | 36.00 | ng | | 100 |
| 77) Pyrene | 12.59 | 202 | 1525069 | 33.50 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.23 | 149 | 739801 | 34.33 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.78 | 228 | 1477124 | 35.84 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.76 | 252 | 354430 | 24.71 | ng | | 98 |
| 82) Chrysene | 13.82 | 228 | 1191984 | 31.18 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149 | 952512 | 33.85 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.40 | 149 | 1707655 | 35.25 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.42 | 276 | 1176710 | 33.85 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.81 | 252 | 2439300 | 59.22 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 14.81 | 252 | 2439300 | 79.48 | ng | # | 98 |
| 89) Benzo(a)pyrene | 15.11 | 252 | 1165788 | 34.28 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.43 | 278 | 1000126 | 32.37 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.80 | 276 | 985028 | 32.66 | ng | | 98 |

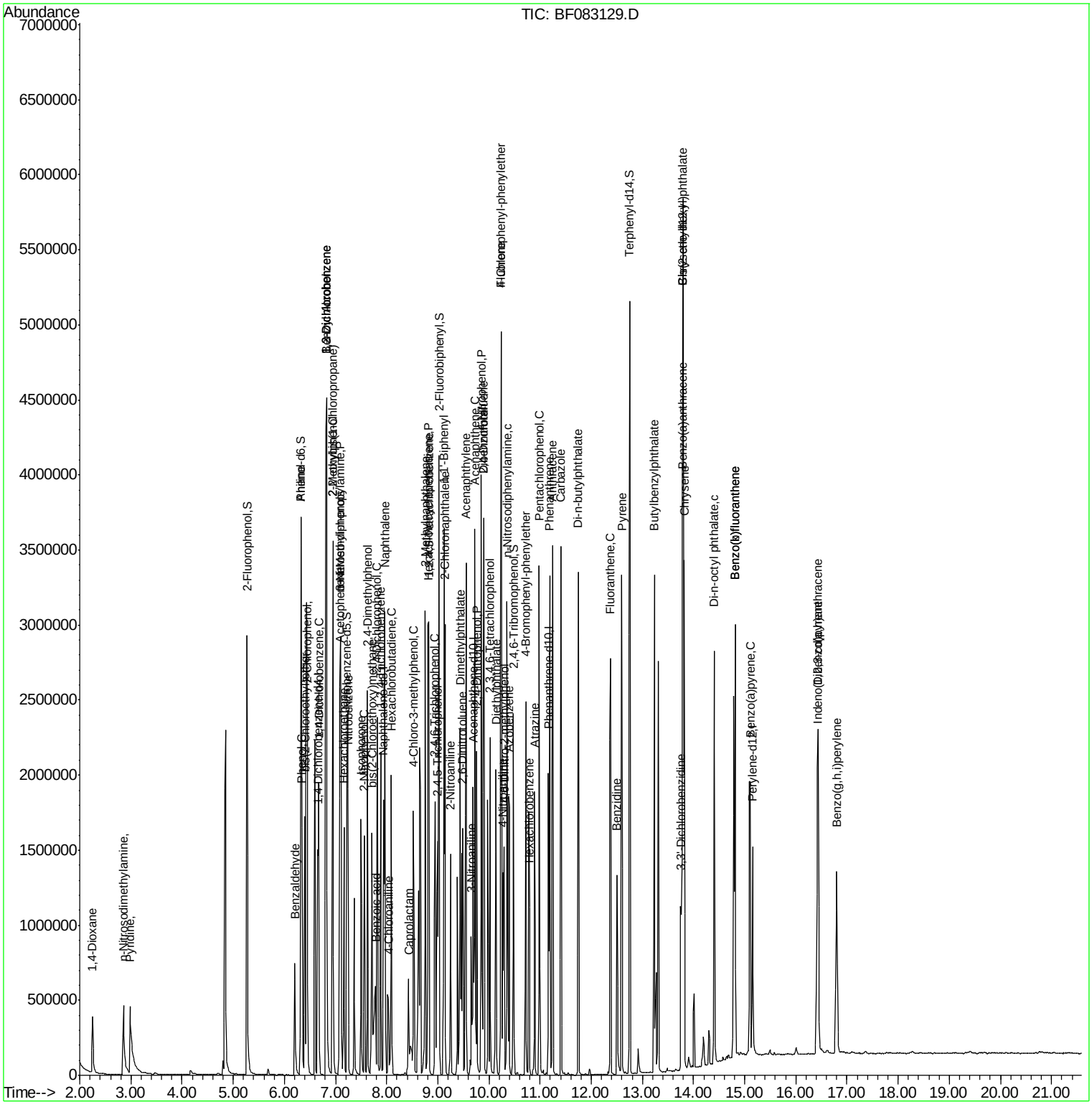
(#) = qualifier out of range (m) = manual integration (+) = signals summed

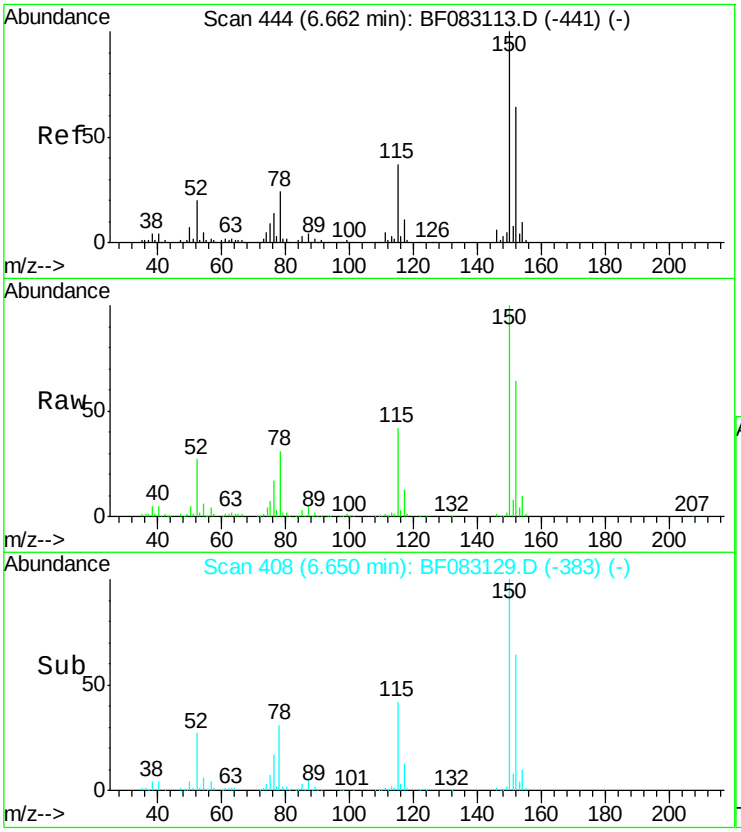
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083129.D
Acq On : 22 Nov 2015 00:36
Operator : UM/IZ
Sample : PB86781BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Quant Time: Nov 22 02:29:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:05:26 2015
Response via : Initial Calibration



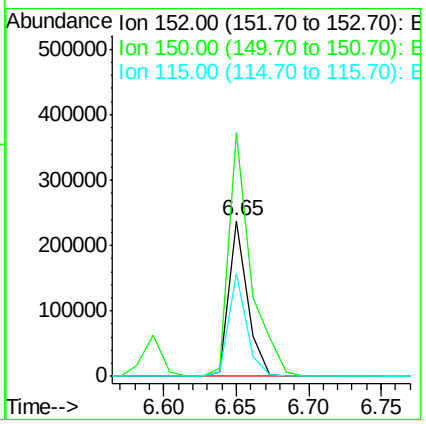


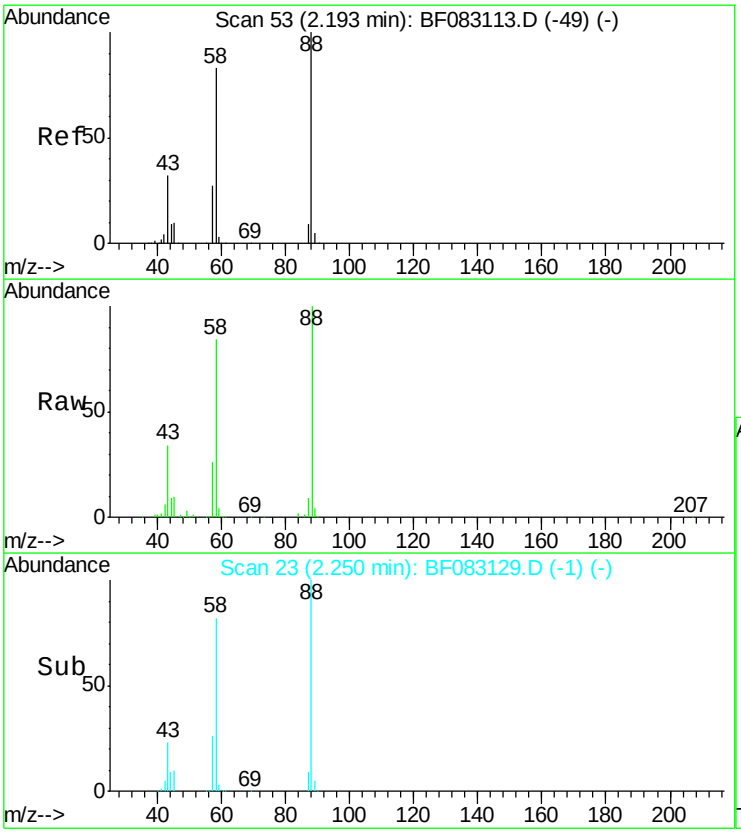

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:152 Resp: 212470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 125.8 | 188.8 |
| 115 | 65.9 | 46.9 | 70.3 |

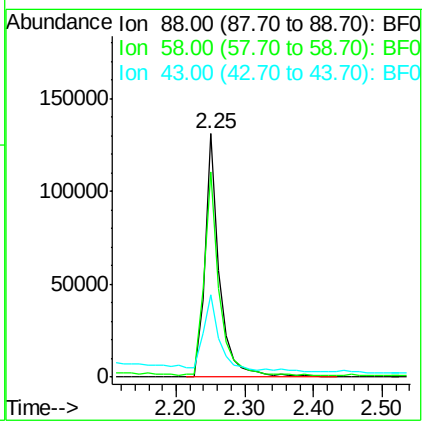


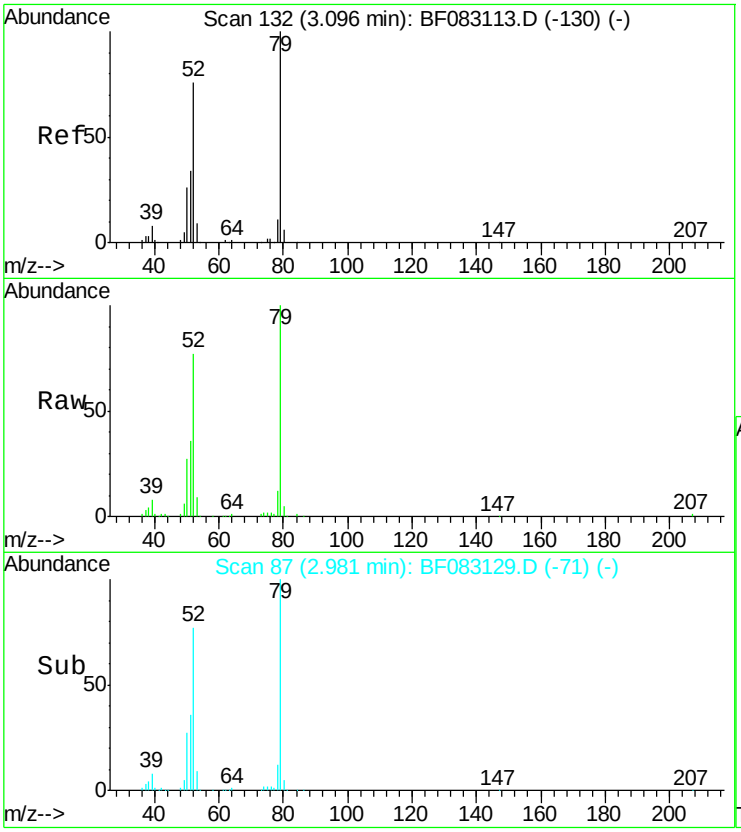




#2
1,4-Dioxane
Concen: 27.78 ng
RT: 2.25 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 88 Resp: 193390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.5 | 65.0 | 97.6 |
| 43 | 37.1 | 24.7 | 37.1# |



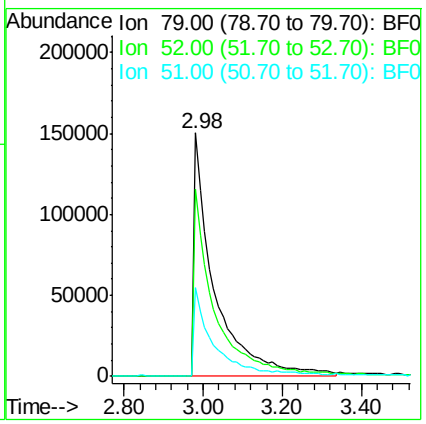


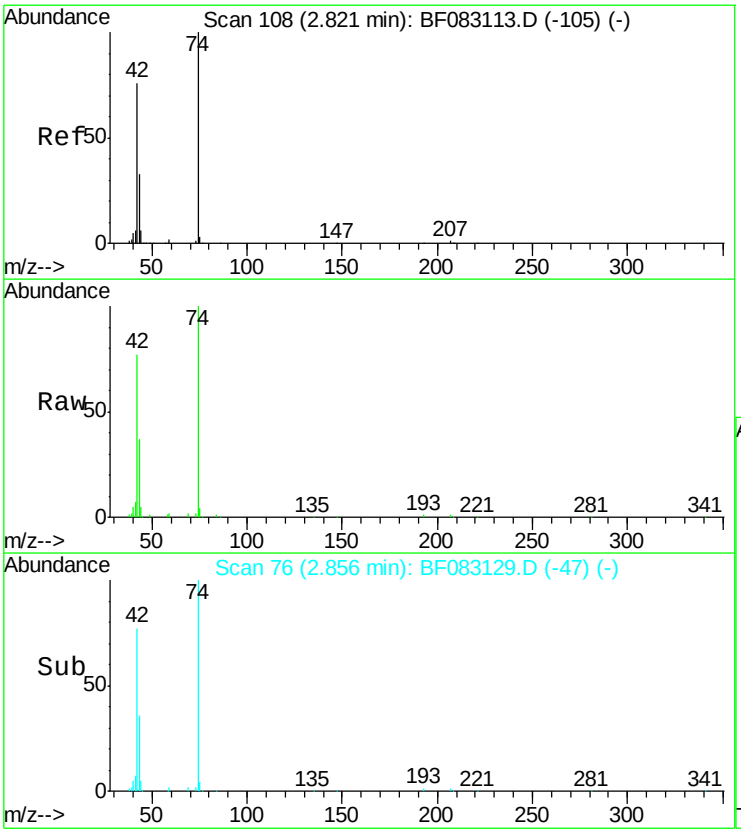

#3
Pyridine
Concen: 29.47 ng
RT: 2.98 min Scan# 87
Delta R.T. -0.11 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 79 Resp: 541860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 77.1 | 60.7 | 91.1 |
| 51 | 36.3 | 27.9 | 41.9 |

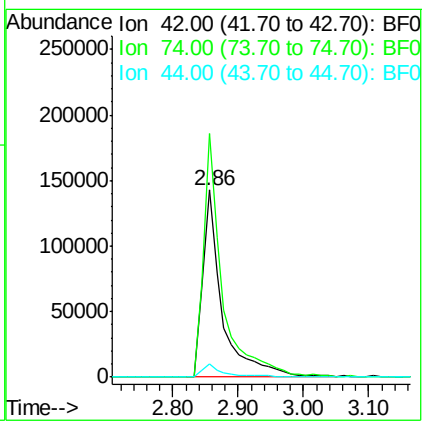


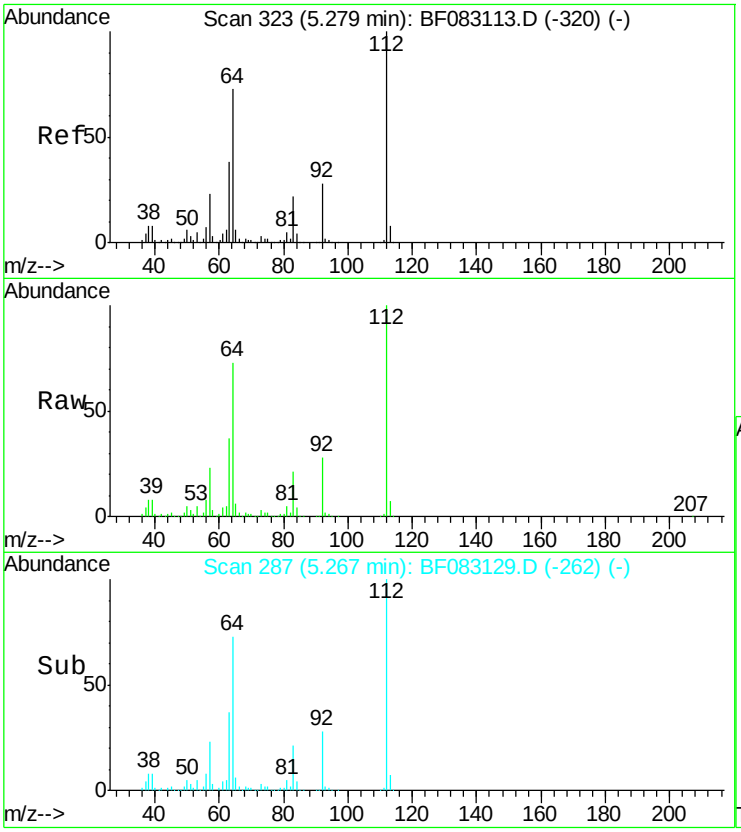




#4
n-Nitrosodimethylamine
Concen: 35.01 ng
RT: 2.86 min Scan# 76
Delta R.T. 0.03 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 42 Resp: 296941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 130.0 | 104.8 | 157.2 |
| 44 | 6.9 | 6.2 | 9.4 |



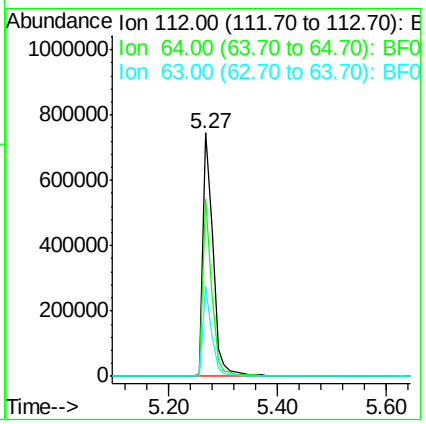


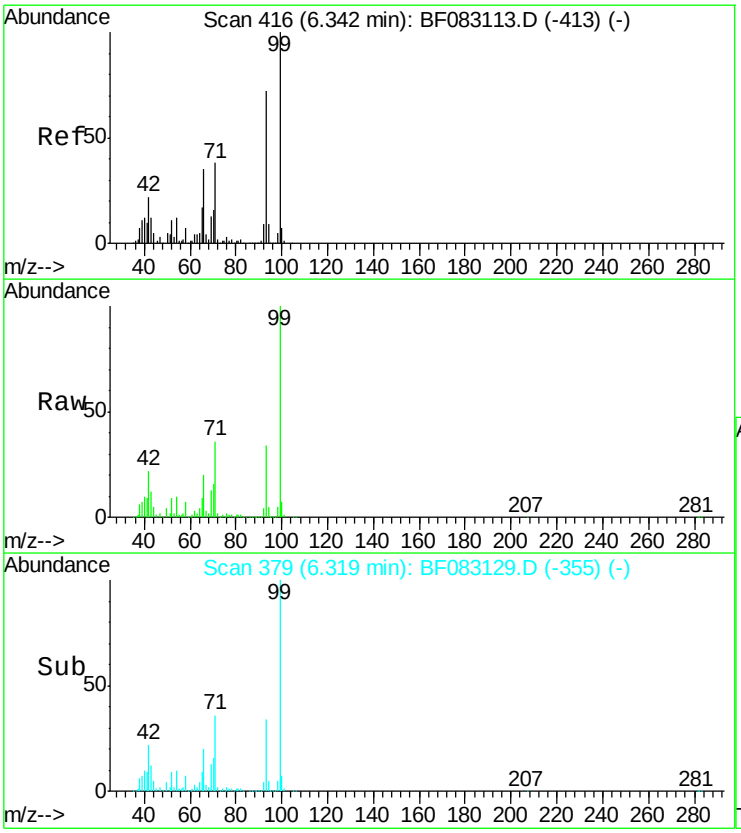

#5
2-Fluorophenol
Concen: 34.17 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:112 Resp: 960418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.5 | 58.4 | 87.6 |
| 63 | 36.8 | 30.0 | 45.0 |

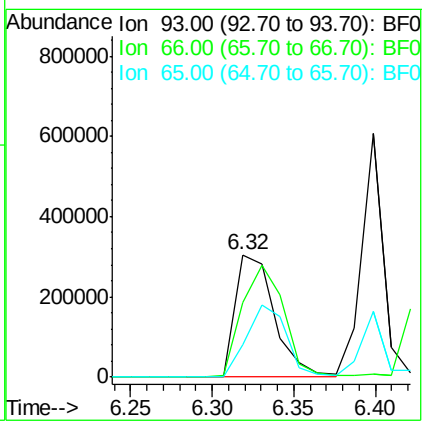


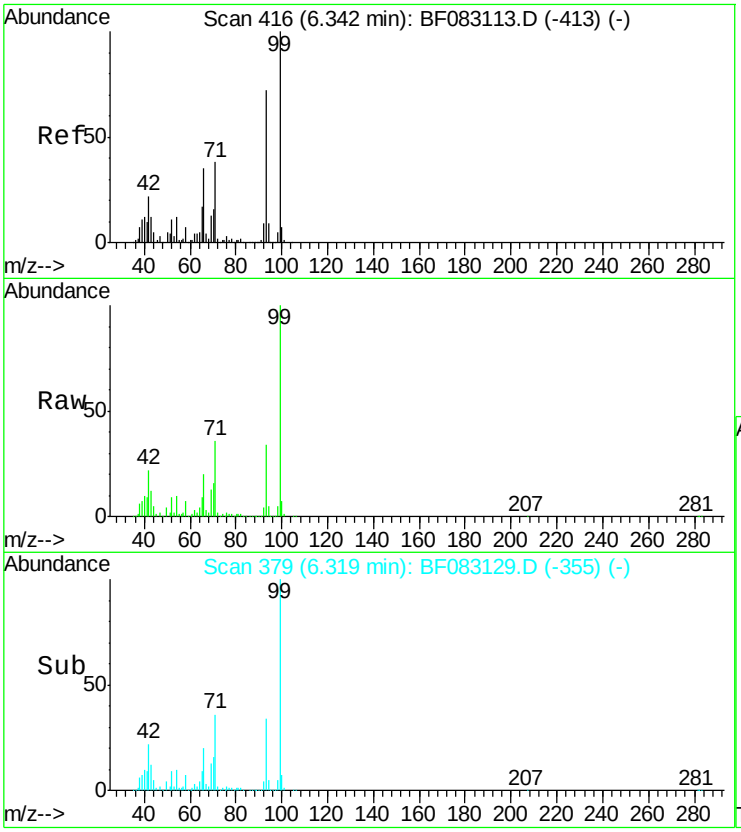




#6
Aniline
Concen: 22.76 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 93 Resp: 505842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 60.5 | 38.7 | 58.1# |
| 65 | 26.5 | 18.6 | 27.8 |



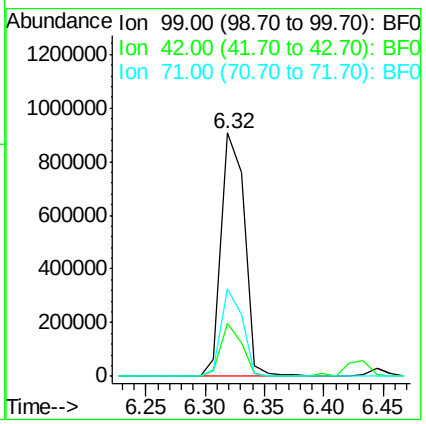


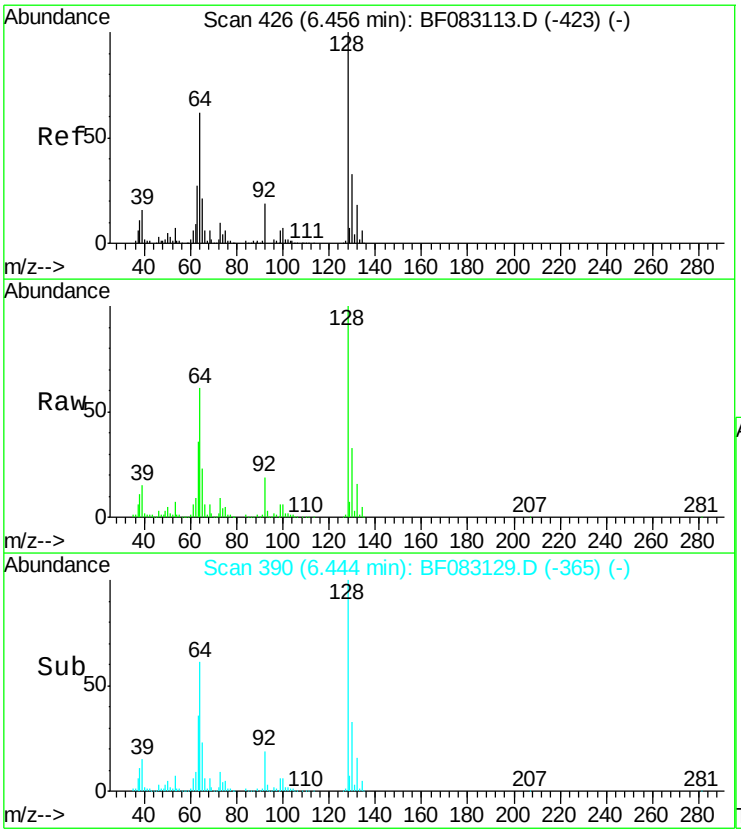

#7
Phenol-d6
Concen: 33.91 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 99 Resp: 1233292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.7 | 17.7 | 26.5 |
| 71 | 36.1 | 30.2 | 45.4 |

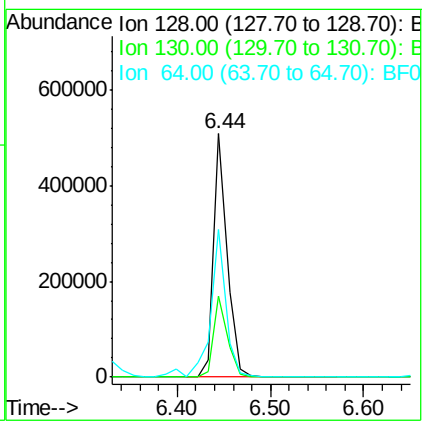


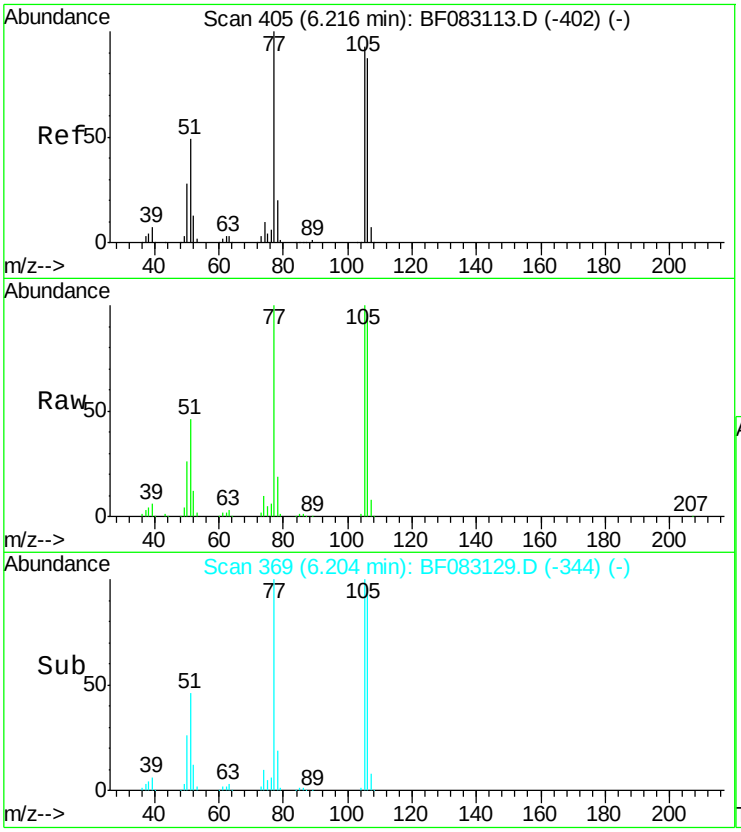




#8
2-Chlorophenol
Concen: 33.86 ng
RT: 6.44 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:128 Resp: 514050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.6 | 52.6 |
| 64 | 60.5 | 41.9 | 81.9 |



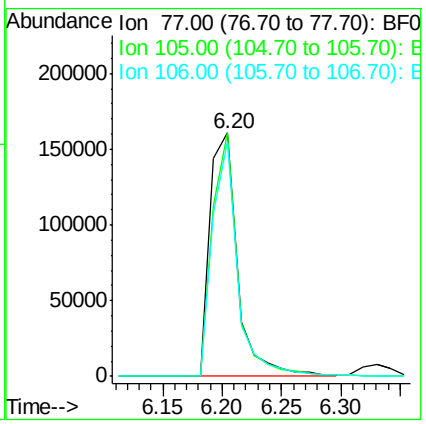


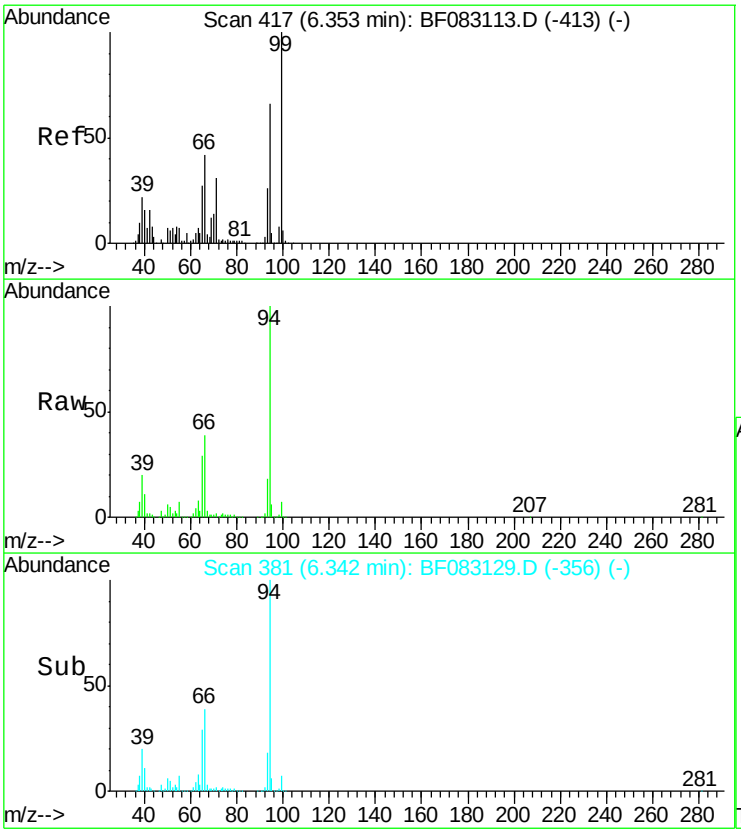

#9
Benzaldehyde
Concen:  25.48 ng
RT: 6.20 min  Scan# 369
Delta R.T.  -0.01 min
Lab File:  BF083129.D
Acq: 22 Nov 2015  00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 77 Resp:  258438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.9 | 73.4 | 113.4 |
| 106 | 96.4 | 67.5 | 107.5 |

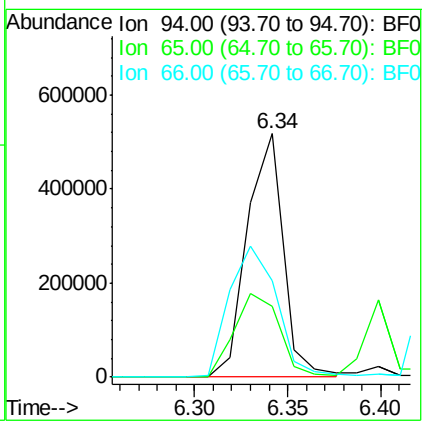


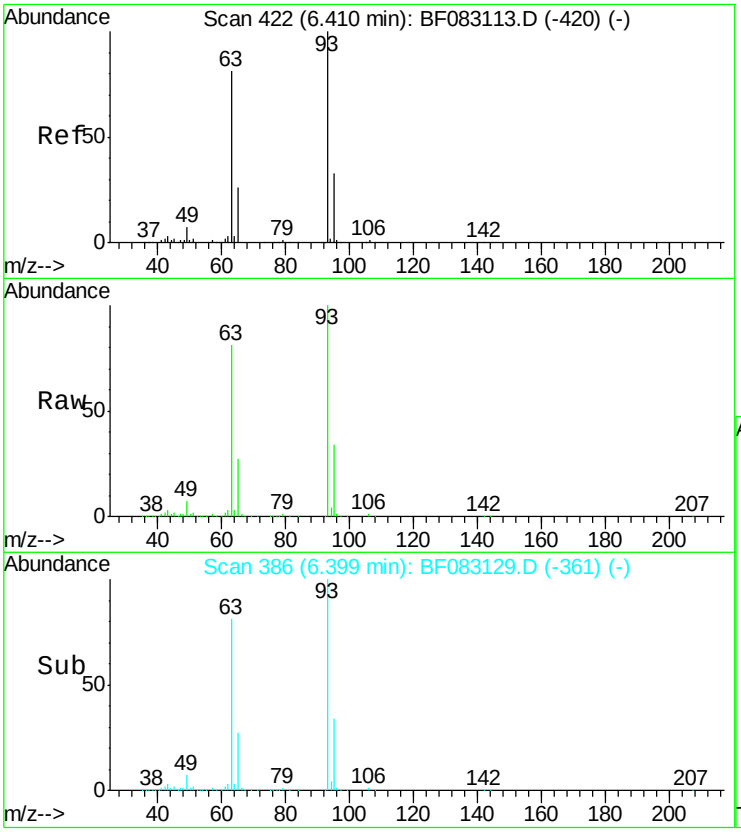




#10
Phenol
Concen:  31.67 ng
RT: 6.34 min  Scan# 381
Delta R.T.  -0.01 min
Lab File:  BF083129.D
Acq: 22 Nov 2015  00:36

Tgt Ion: 94 Resp:  696602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.3 | 21.1 | 61.1 |
| 66 | 39.4 | 43.1 | 83.1# |



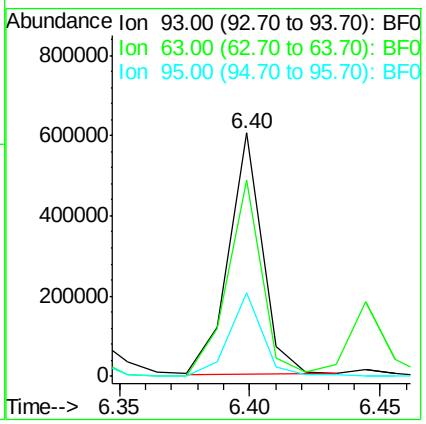


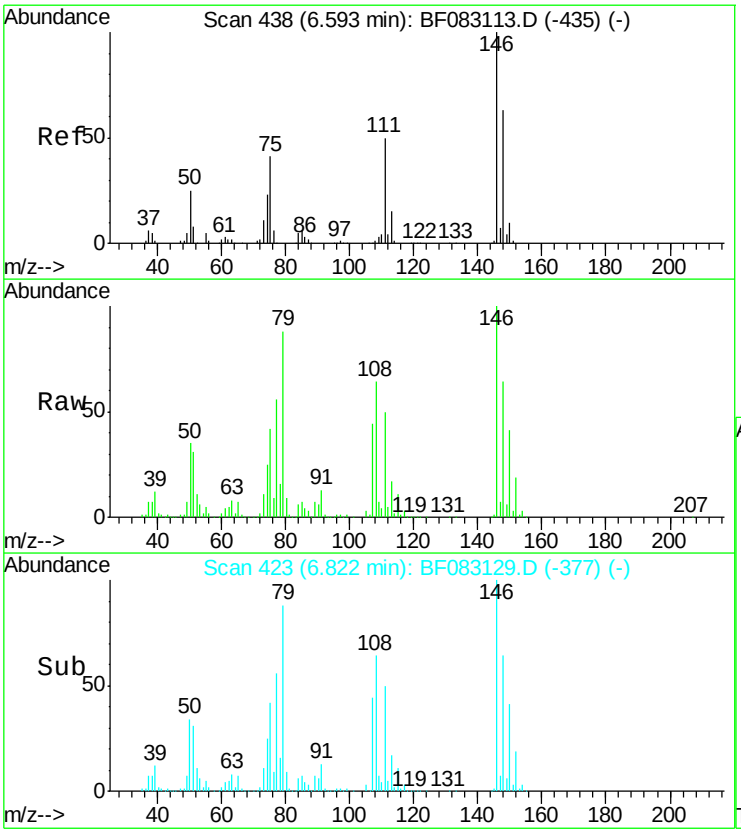

#11
bis(2-Chloroethyl)ether
Concen: 34.57 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 93 Resp: 542952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.6 | 59.8 | 99.8 |
| 95 | 34.3 | 13.0 | 53.0 |

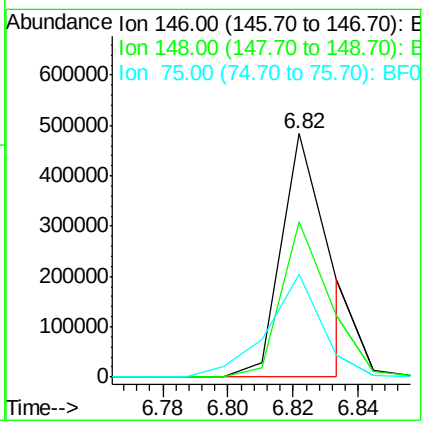


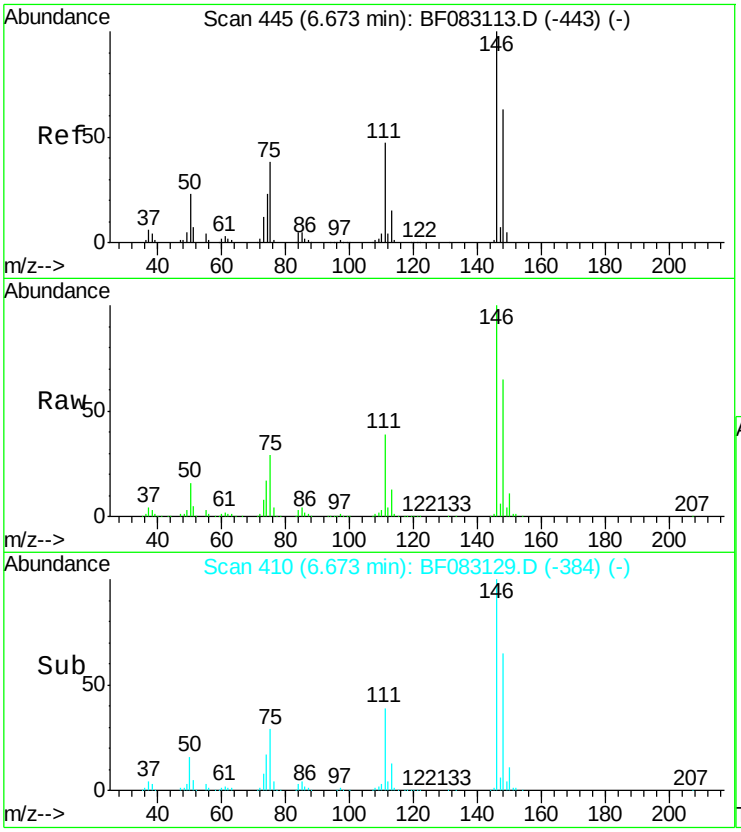




#12
1,3-Dichlorobenzene
Concen: 28.01 ng
RT: 6.82 min Scan# 423
Delta R.T. 0.23 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:146 Resp: 485599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 50.2 | 75.2 |
| 75 | 42.2 | 32.7 | 49.1 |



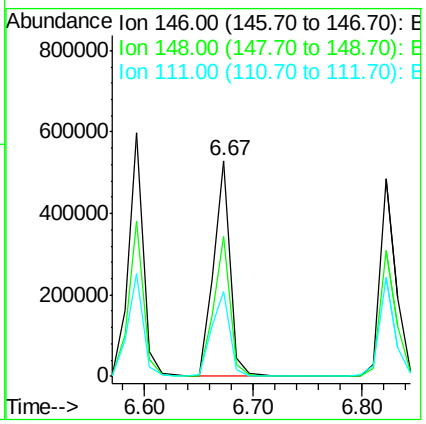


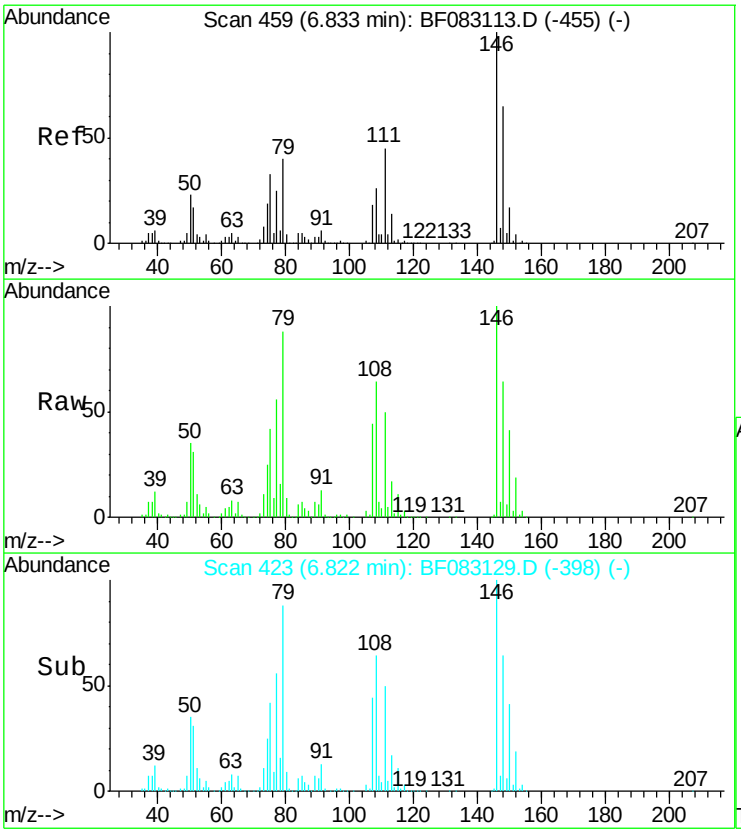

#13
1,4-Dichlorobenzene
Concen: 32.35 ng
RT: 6.67 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:146 Resp: 567319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 50.2 | 75.2 |
| 111 | 39.5 | 37.5 | 56.3 |

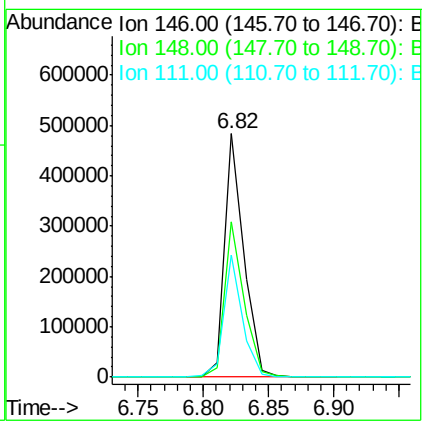


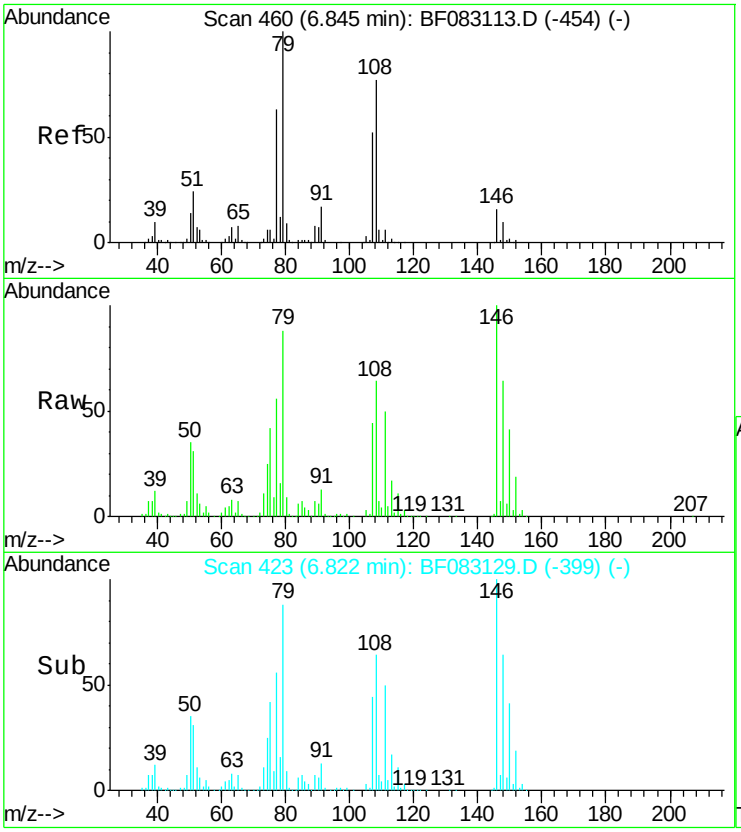




#14
1,2-Dichlorobenzene
Concen: 31.24 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:146 Resp: 498010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.8 | 77.6 |
| 111 | 50.1 | 36.2 | 54.4 |



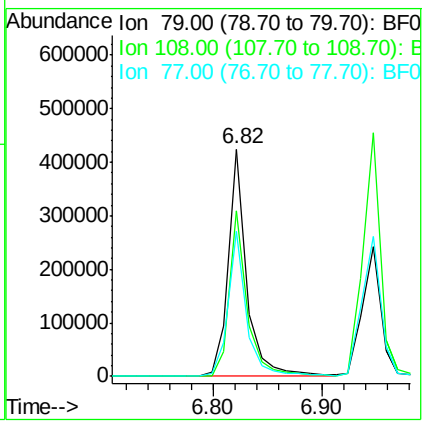


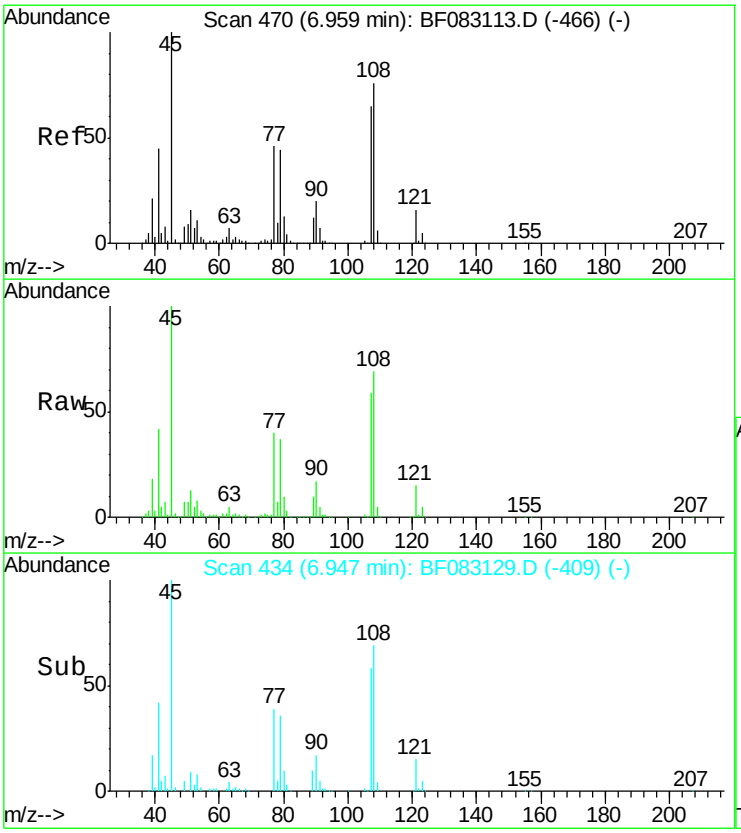

#15
Benzyl Alcohol
Concen: 32.48 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 79 Resp: 493605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.0 | 61.4 | 92.2 |
| 77 | 63.9 | 50.5 | 75.7 |

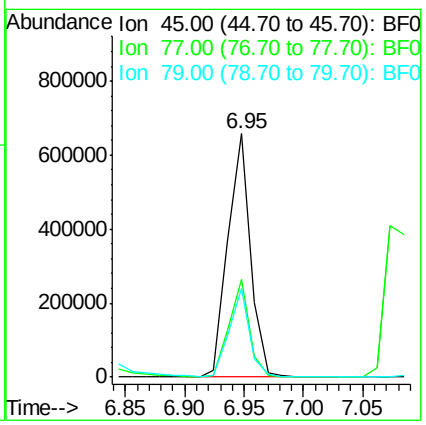


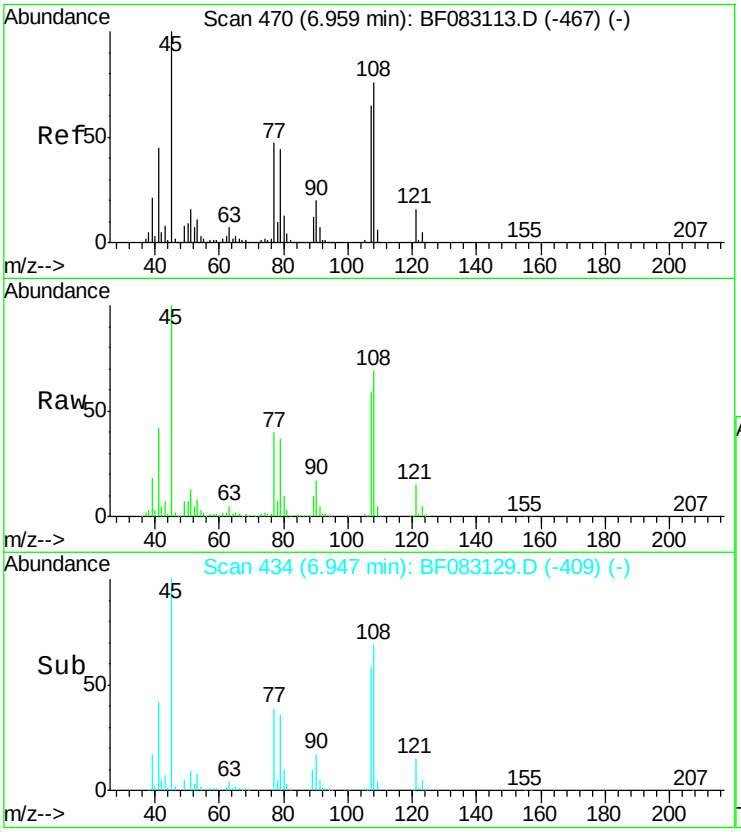




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.43 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 45 Resp: 867711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 39.9 | 26.7 | 66.7 |
| 79 | 36.6 | 24.3 | 64.3 |



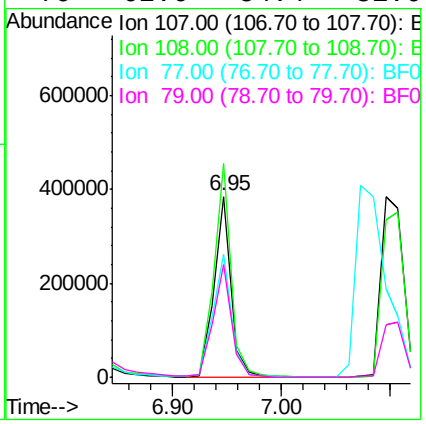


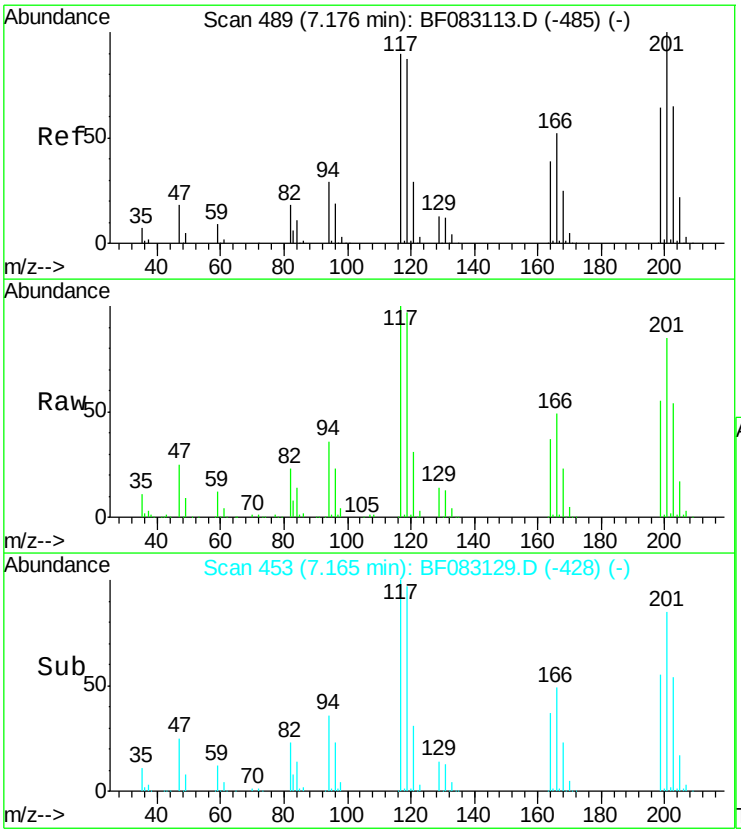

#17
2-Methylphenol
Concen: 33.53 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:107 Resp: 421312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 118.1 | 93.8 | 140.6 |
| 77 | 68.1 | 57.4 | 86.0 |
| 79 | 62.6 | 54.4 | 81.6 |

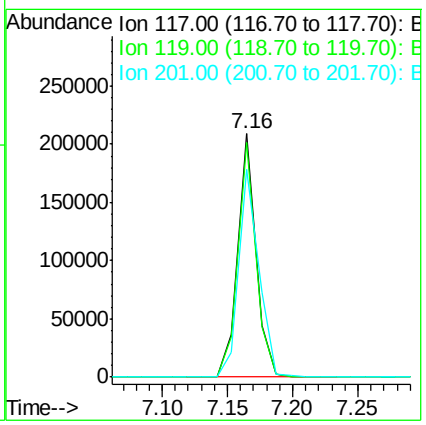


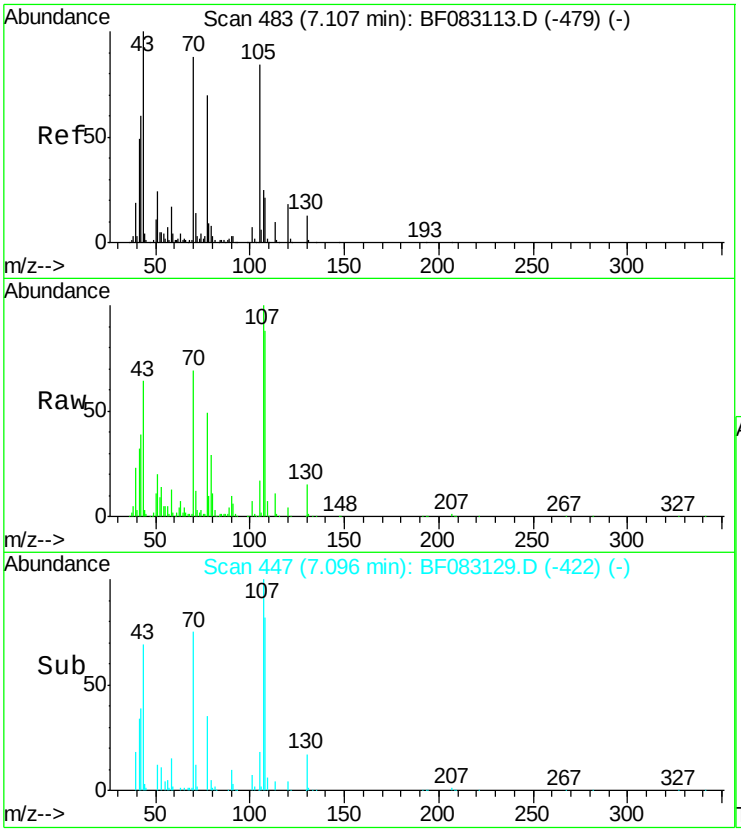




#18
Hexachloroethane
Concen: 32.72 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:117 Resp: 202120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 76.8 | 115.2 |
| 201 | 85.4 | 88.6 | 133.0# |



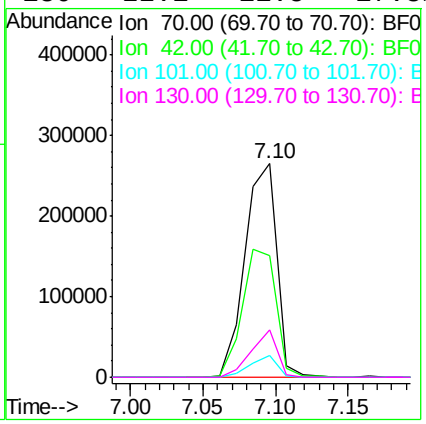


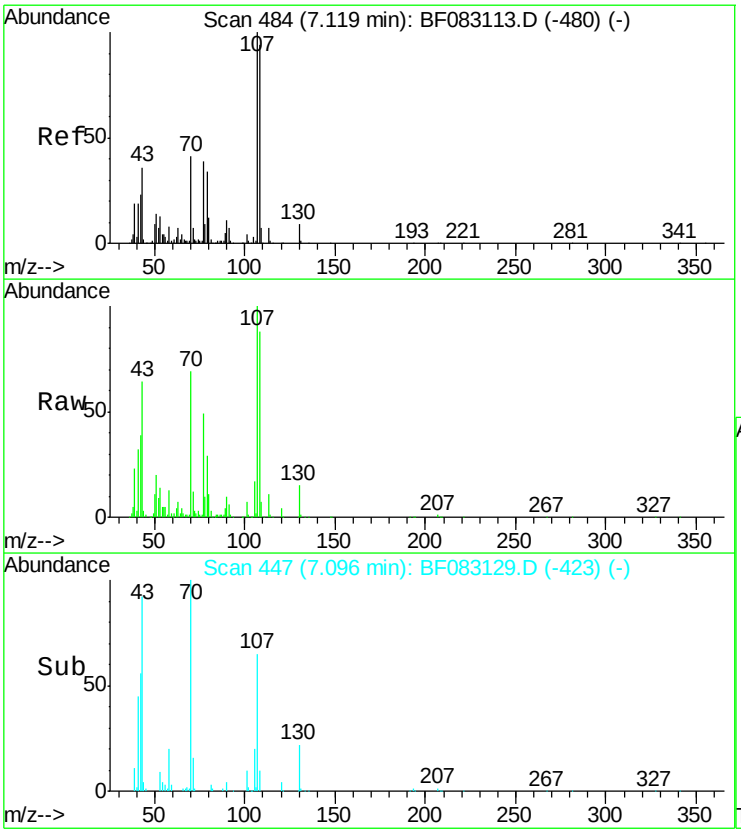

#19
n-Nitroso-di-n-propylamine
Concen: 31.82 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 70 Resp: 402665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.1 | 54.5 | 81.7 |
| 101 | 10.0 | 6.6 | 9.8# |
| 130 | 22.1 | 11.5 | 17.3# |

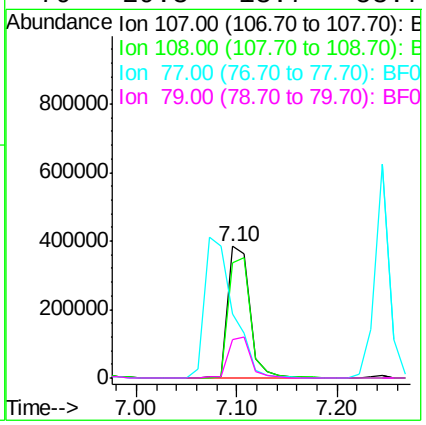


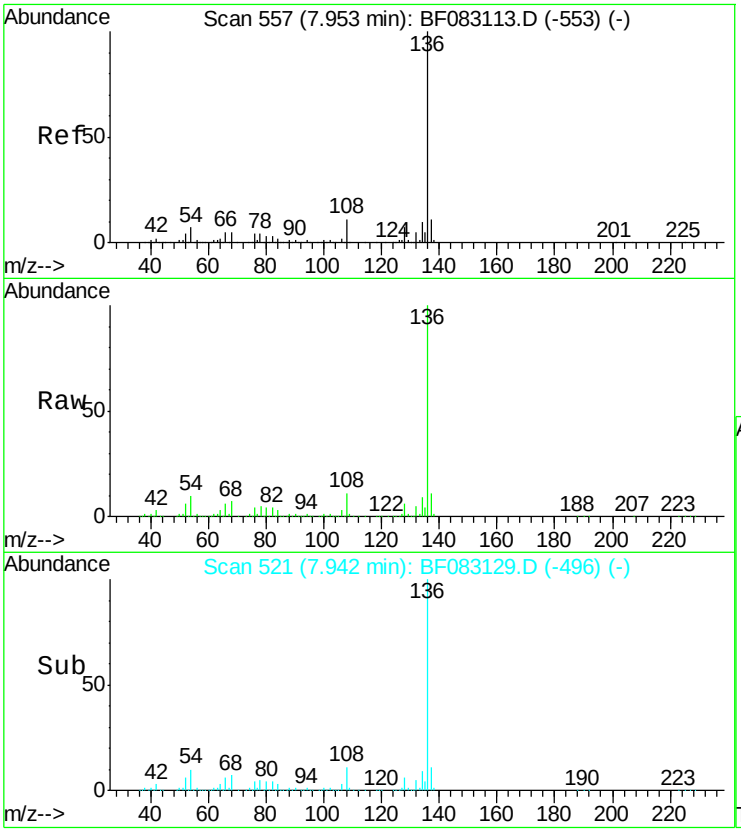




#20
3+4-Methylphenols
Concen: 36.19 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:107 Resp: 574869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.5 | 73.8 | 113.8 |
| 77 | 48.8 | 19.1 | 59.1 |
| 79 | 29.3 | 13.7 | 53.7 |



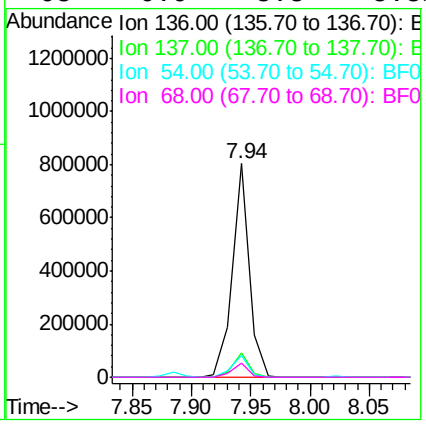


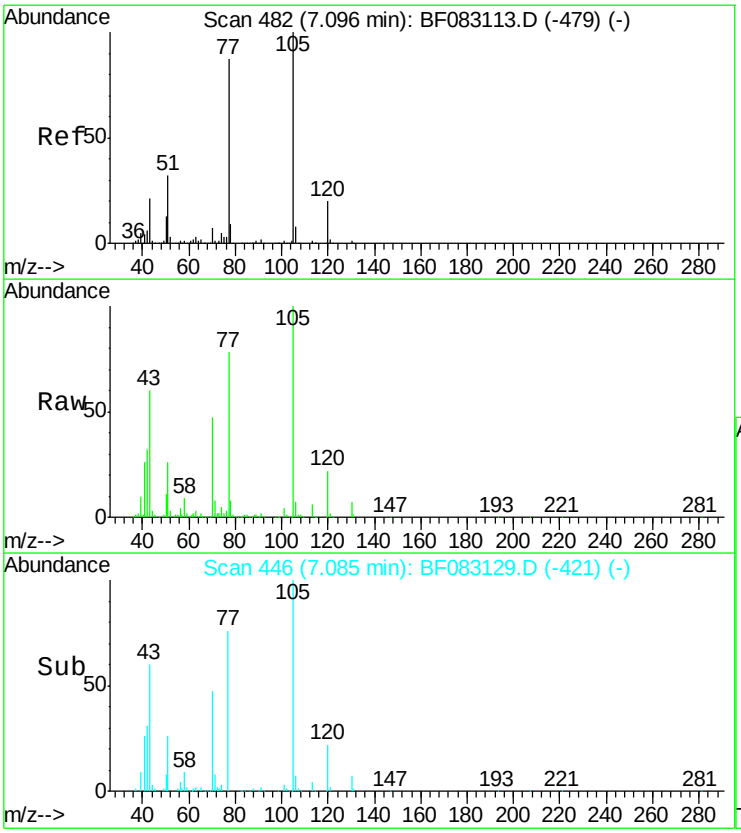

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:136 Resp: 804603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.7 | 13.1 |
| 54 | 10.1 | 5.8 | 8.6# |
| 68 | 6.9 | 3.8 | 5.8# |

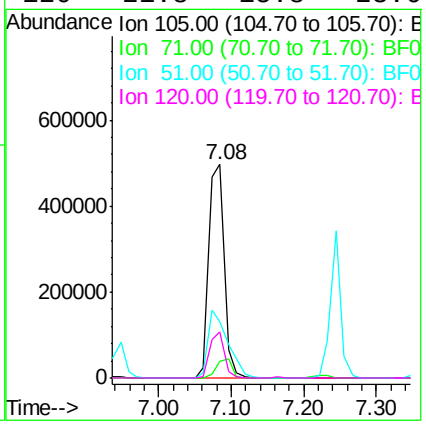


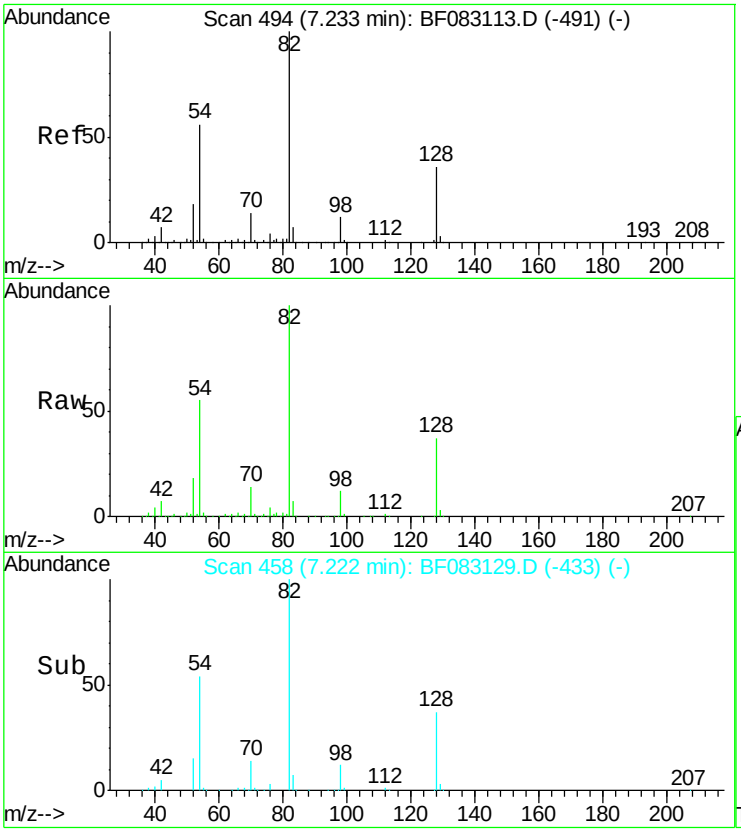




#22
Acetophenone
Concen: 31.89 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:105 Resp: 736590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.1 | 1.0 | 1.4# |
| 51 | 26.4 | 25.6 | 38.4 |
| 120 | 21.8 | 15.8 | 23.6 |



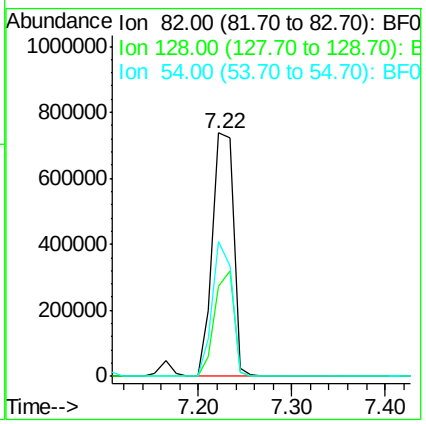


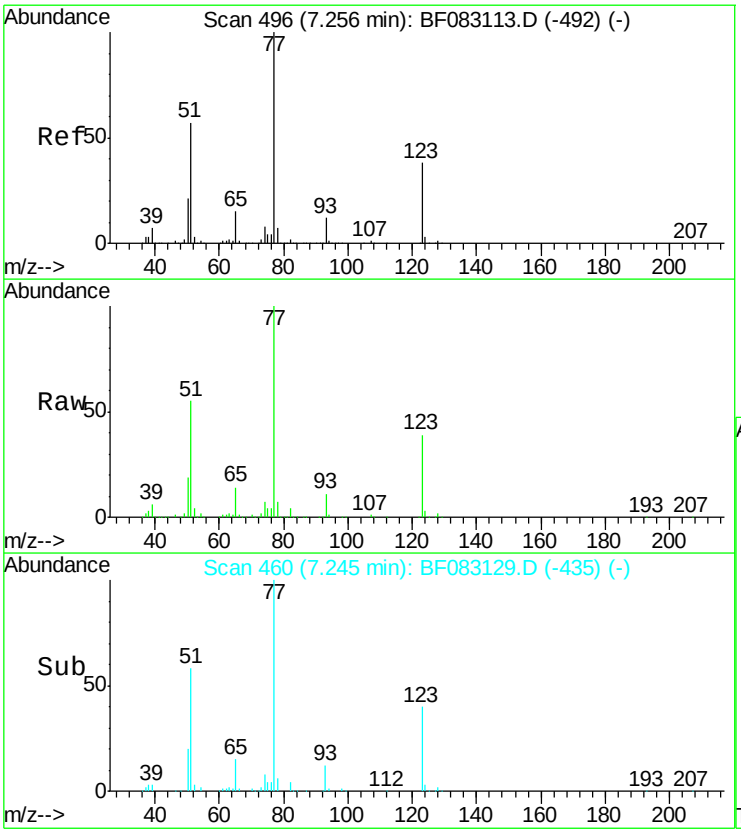

#23
Nitrobenzene-d5
Concen: 32.92 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 82 Resp: 1159499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.9 | 28.5 | 42.7 |
| 54 | 55.1 | 44.6 | 67.0 |

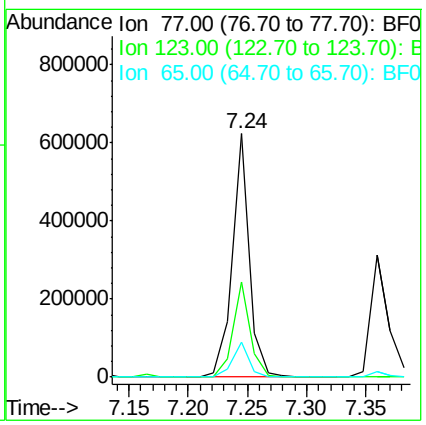


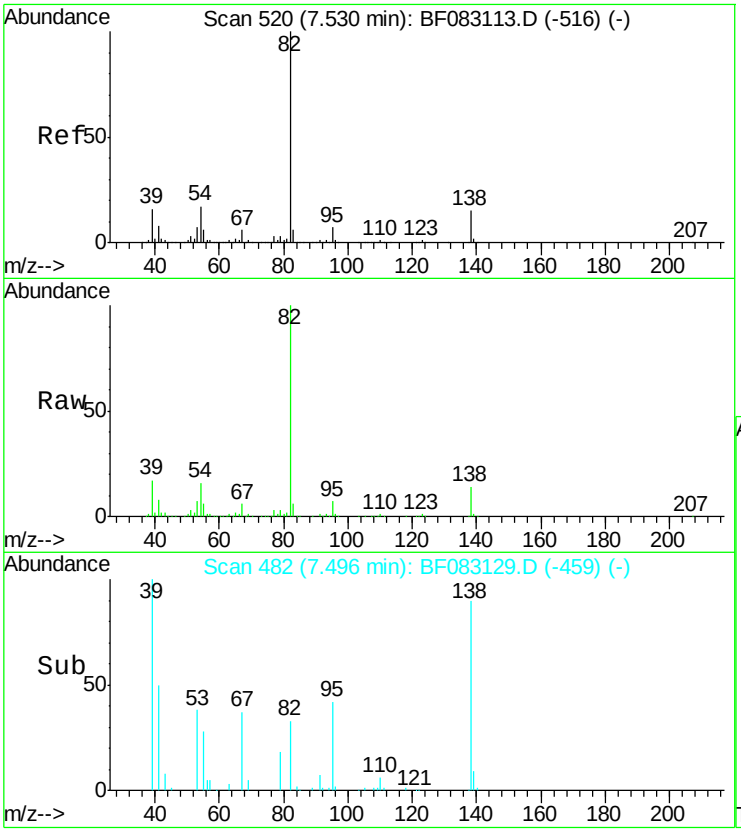




#24
Nitrobenzene
Concen: 32.84 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 77 Resp: 617791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.1 | 30.1 | 45.1 |
| 65 | 14.4 | 11.6 | 17.4 |



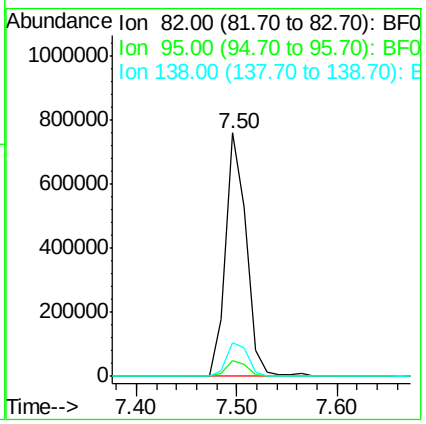


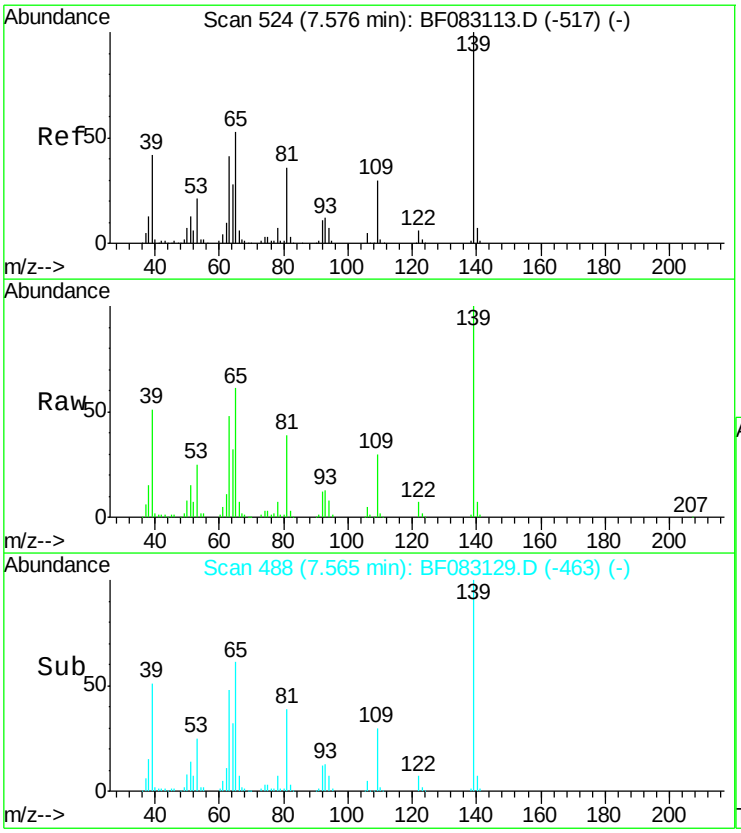

#25
Isophorone
Concen: 32.58 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 82 Resp: 1086343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.8 | 8.8 |
| 138 | 13.8 | 11.6 | 17.4 |

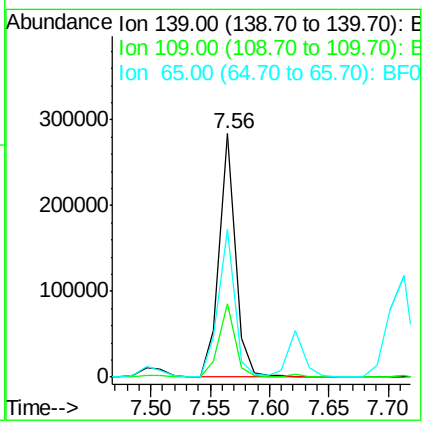


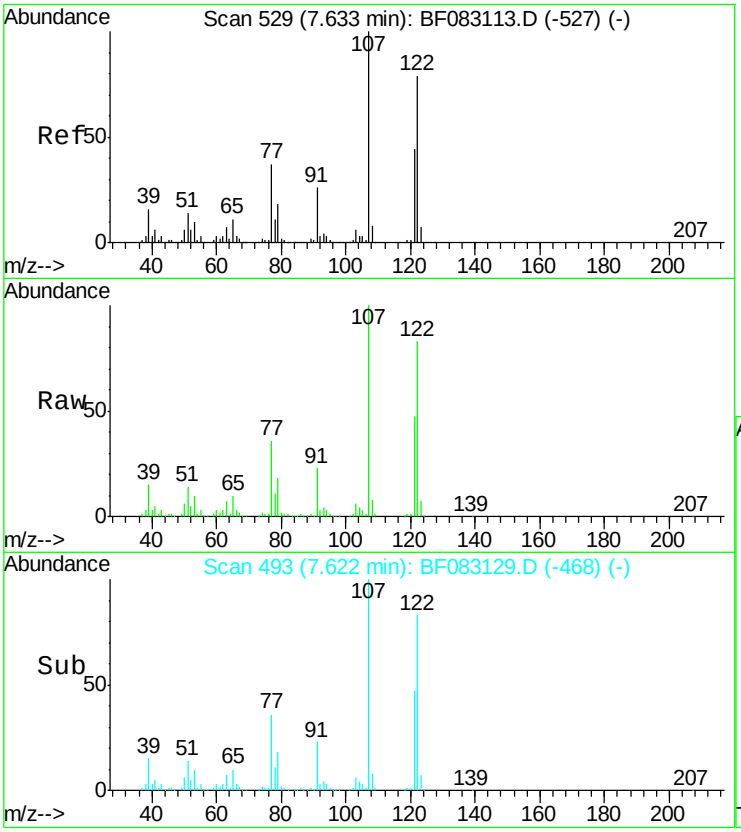




#26
2-Nitrophenol
Concen: 32.48 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:139 Resp: 269816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.9 | 23.9 | 35.9 |
| 65 | 60.8 | 42.7 | 64.1 |



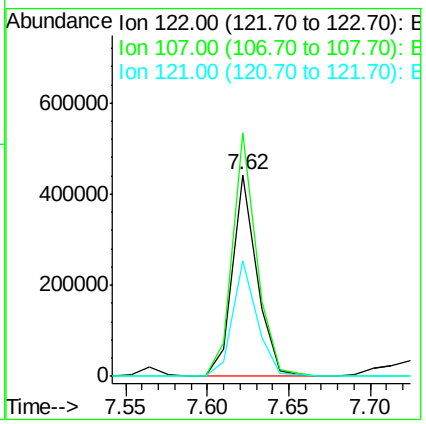


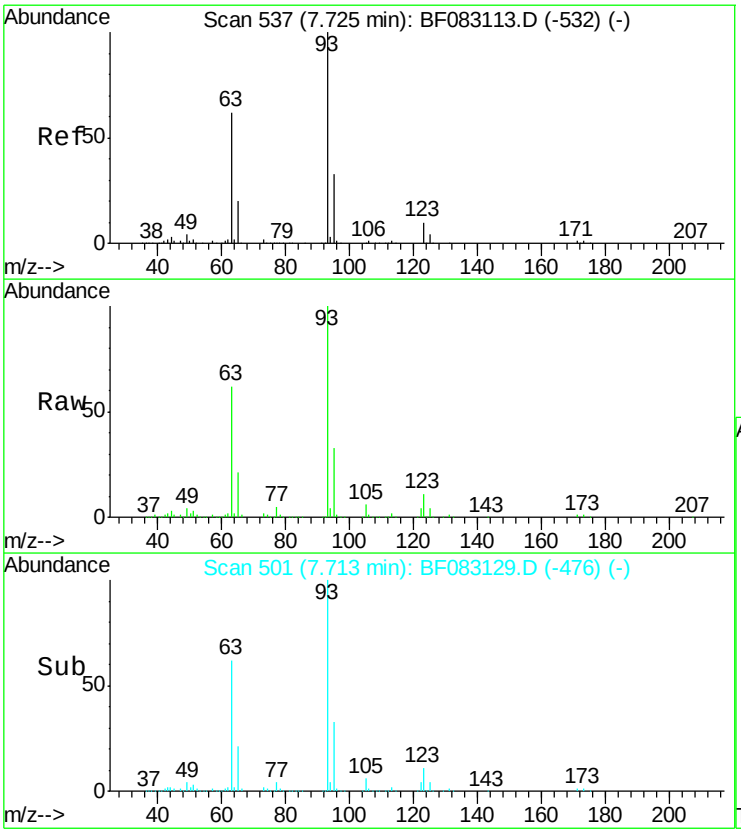

#27
2,4-Dimethylphenol
Concen: 34.48 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:122 Resp: 457009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.7 | 101.1 | 151.7 |
| 121 | 57.2 | 44.9 | 67.3 |

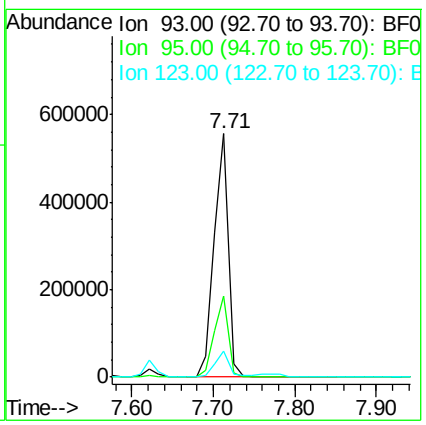


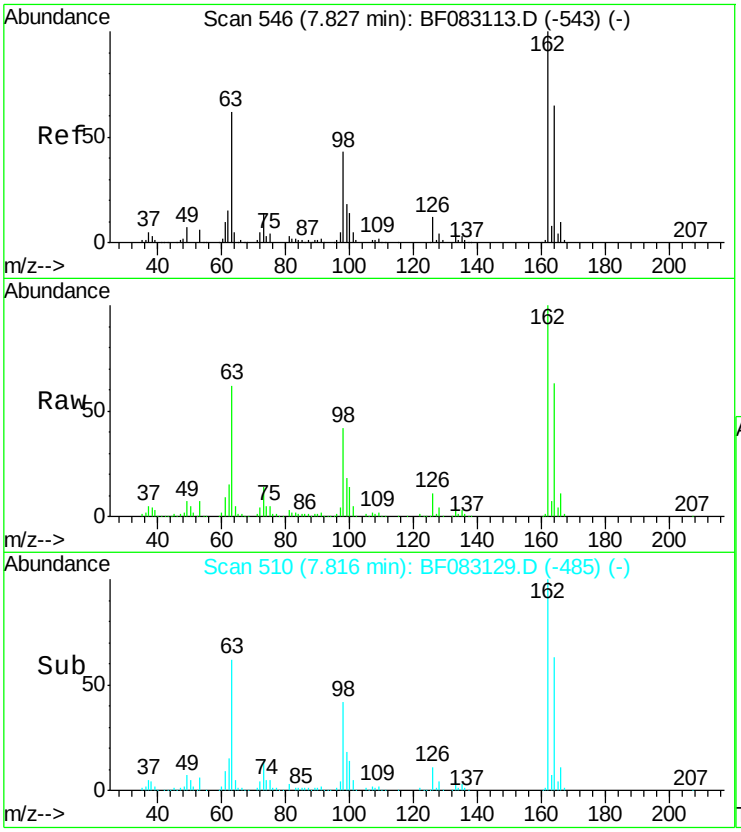




#28
bis(2-Chloroethoxy)methane
Concen: 34.60 ng
RT: 7.71 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 93 Resp: 670654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.4 | 26.5 | 39.7 |
| 123 | 10.8 | 8.1 | 12.1 |



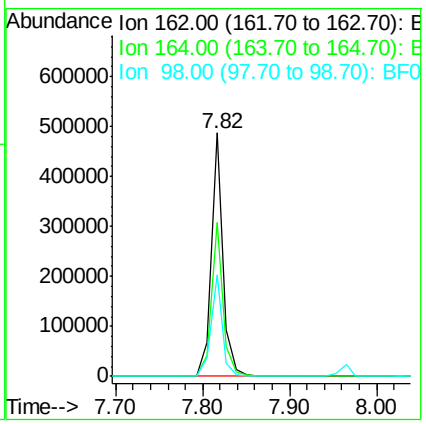


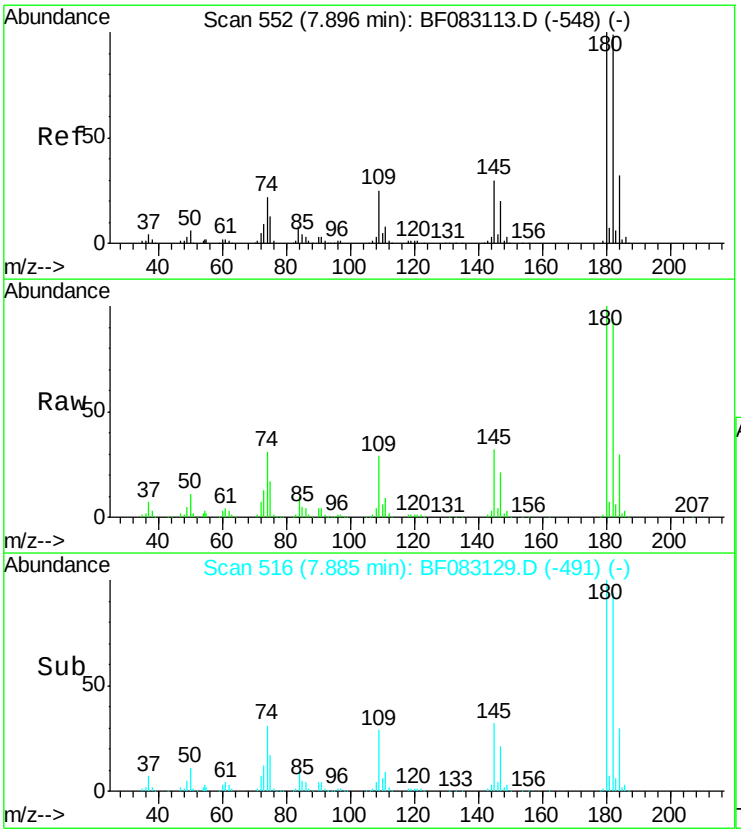

#29
2,4-Dichlorophenol
Concen: 36.35 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:162 Resp: 458302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.1 | 44.8 | 84.8 |
| 98 | 41.8 | 23.1 | 63.1 |

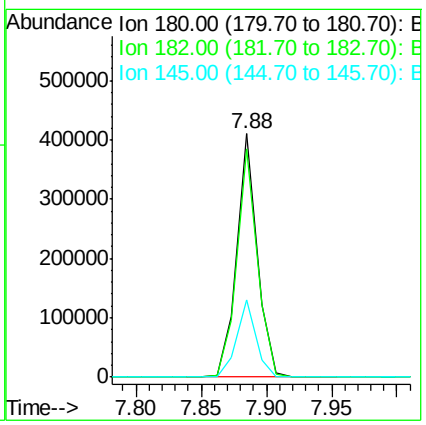


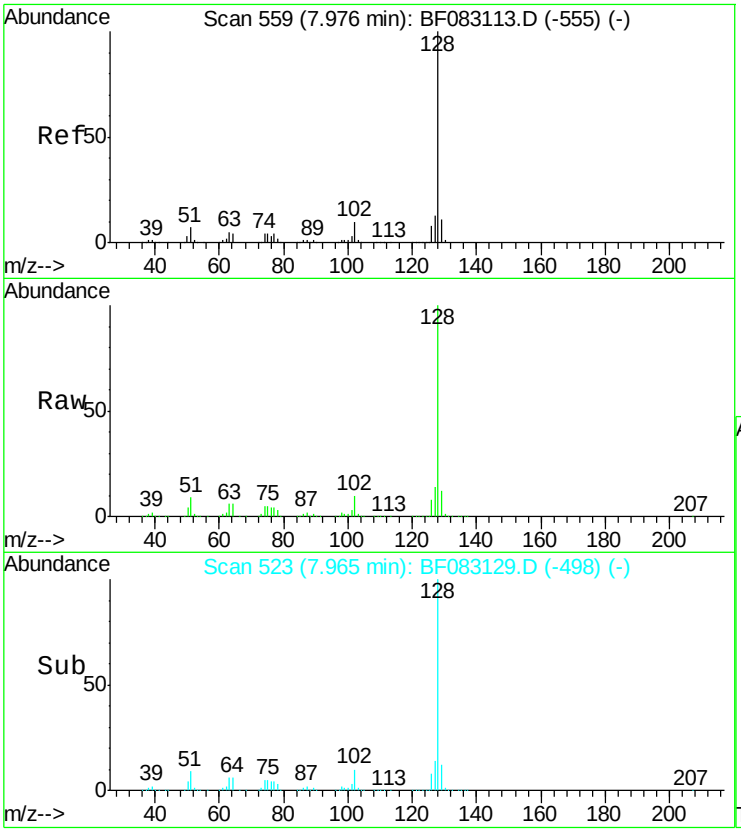




#30
1,2,4-Trichlorobenzene
Concen: 31.97 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:180 Resp: 442793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.9 | 79.0 | 118.6 |
| 145 | 31.8 | 24.2 | 36.2 |



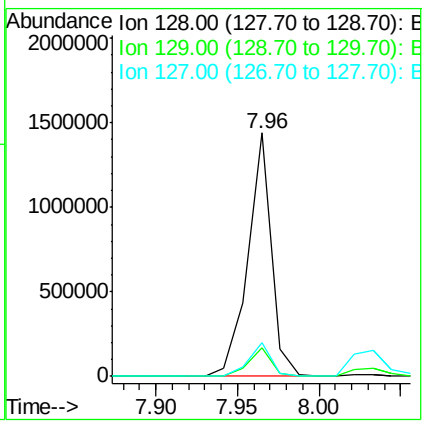


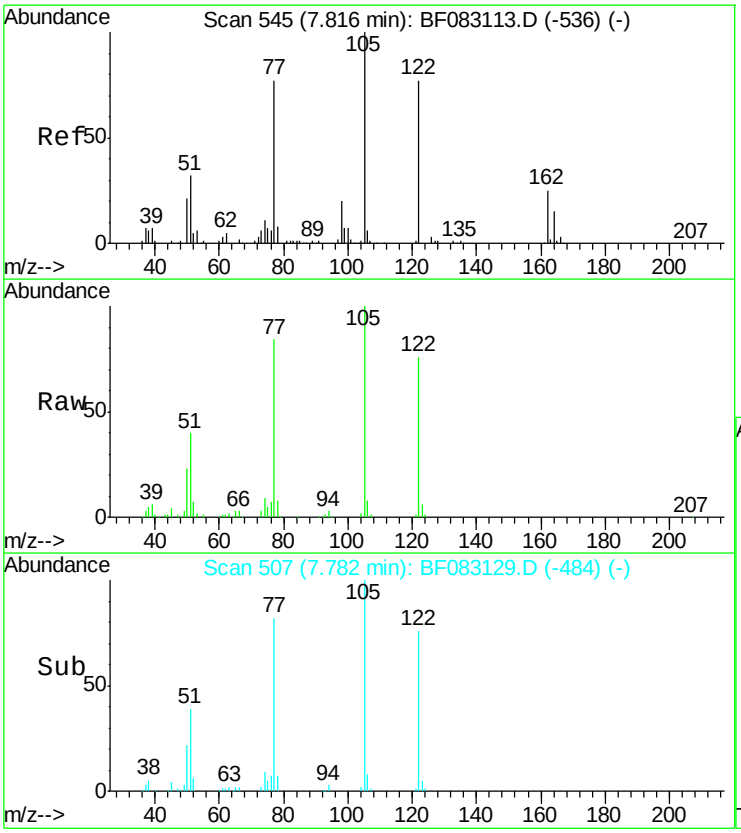

#31
Naphthalene
Concen: 33.14 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:128 Resp: 1439194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.0 | 13.4 |
| 127 | 13.9 | 10.6 | 15.8 |

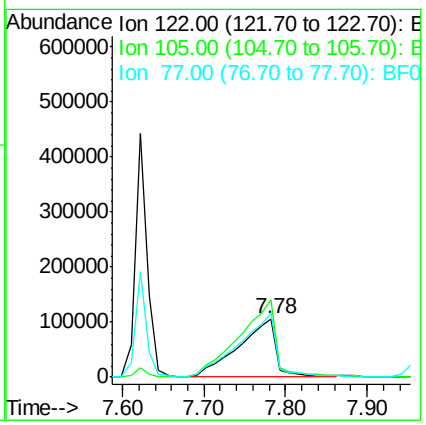


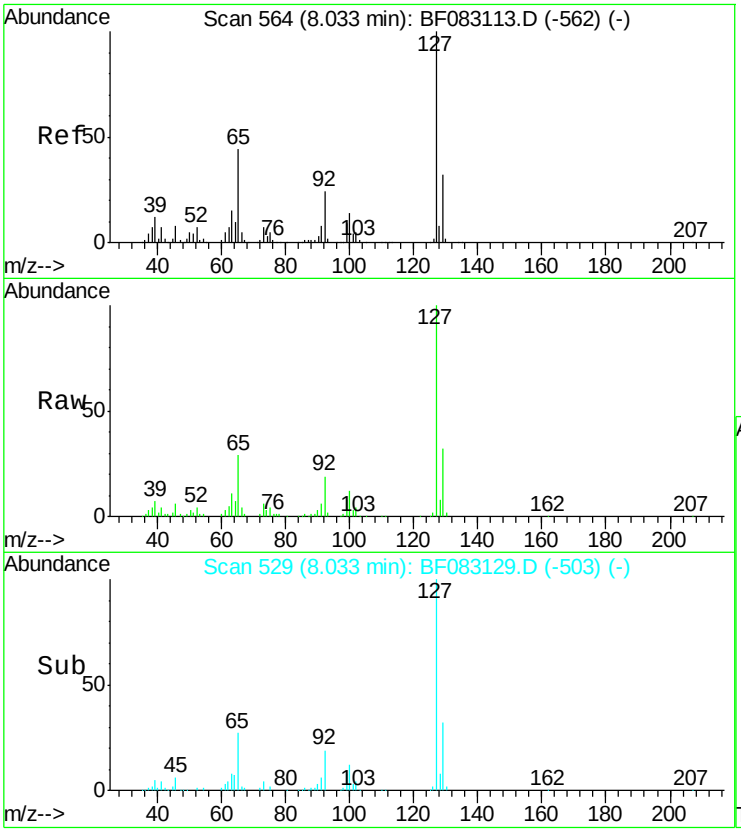




#32
Benzoic acid
Concen: 32.62 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:122 Resp: 336154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 130.8 | 109.7 | 149.7 |
| 77 | 109.5 | 79.7 | 119.7 |



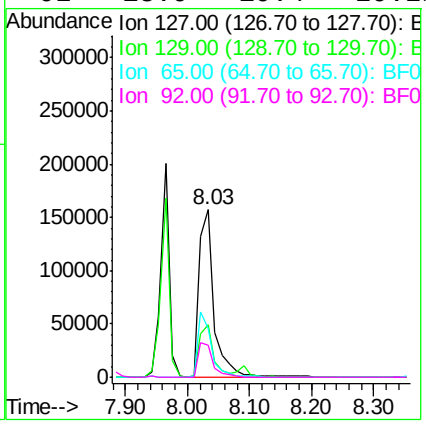


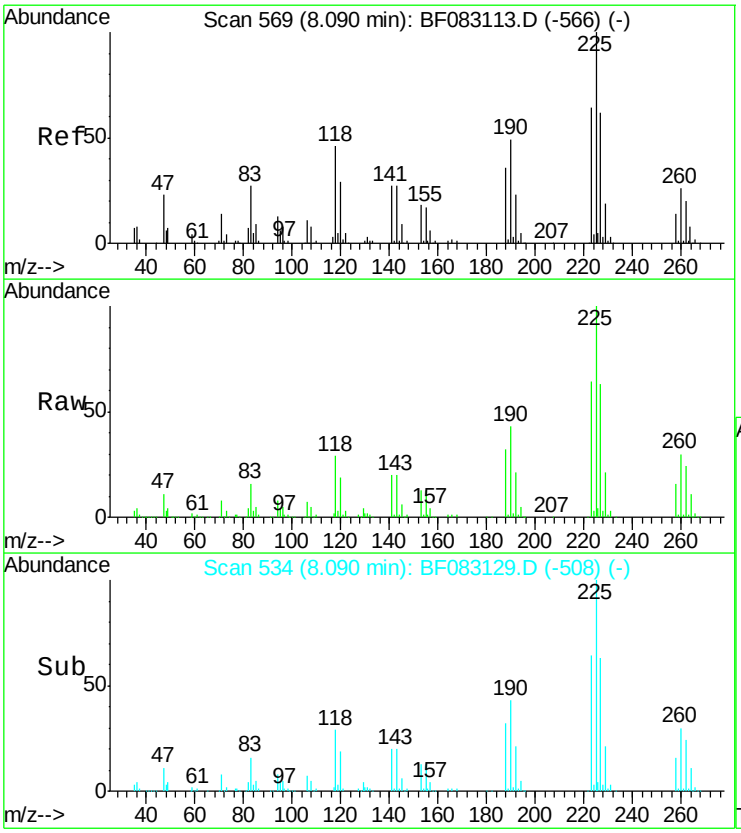

#33
4-Chloroaniline
Concen: 15.70 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:127 Resp: 264517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 25.7 | 38.5 |
| 65 | 29.2 | 35.5 | 53.3# |
| 92 | 18.9 | 19.4 | 29.2# |

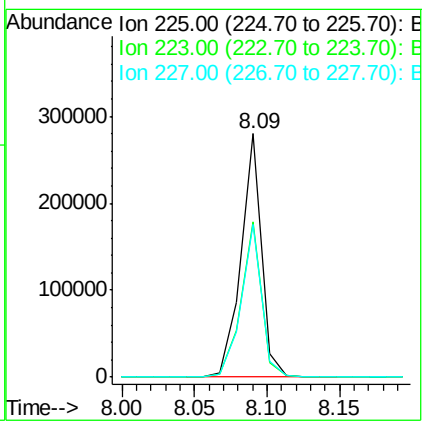


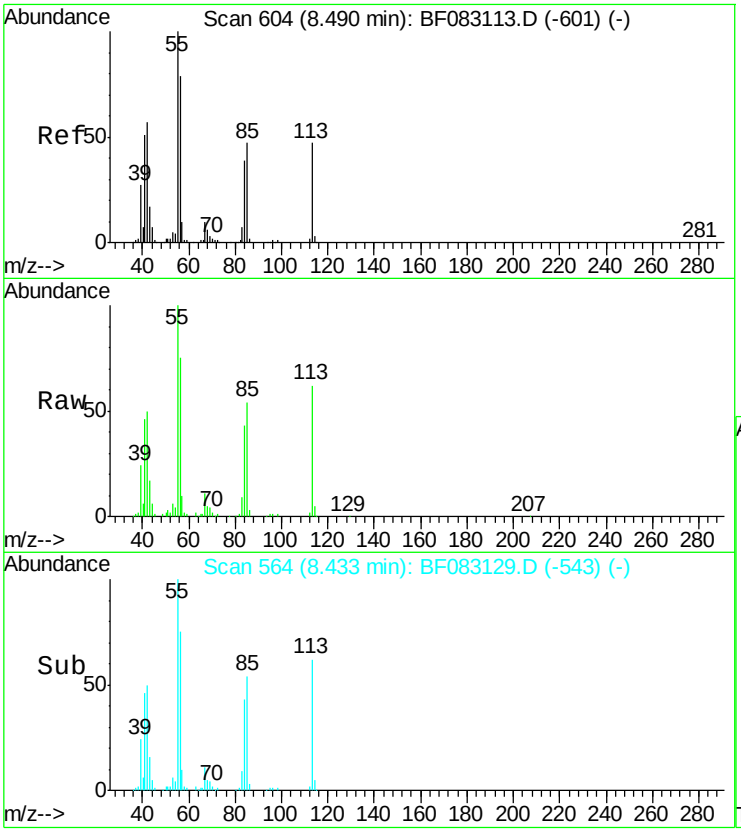




#34
Hexachlorobutadiene
Concen: 33.55 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:225 Resp: 274574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 51.3 | 76.9 |
| 227 | 62.7 | 49.8 | 74.8 |



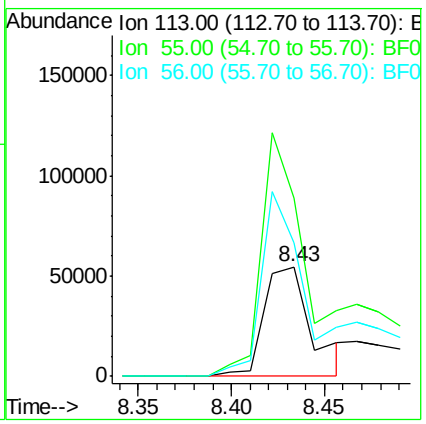


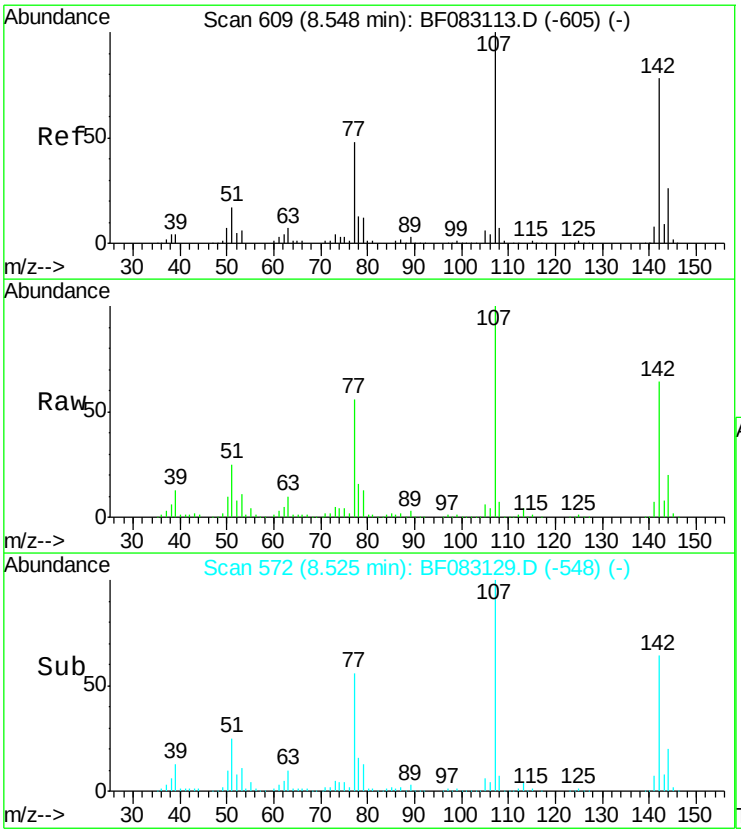

#35
Caprolactam
Concen: 24.01 ng
RT: 8.43 min Scan# 564
Delta R.T. -0.06 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:113 Resp: 97017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 161.9 | 192.6 | 232.6# |
| 56 | 122.1 | 148.6 | 188.6# |

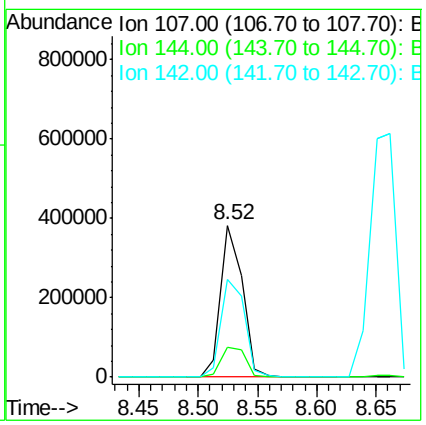


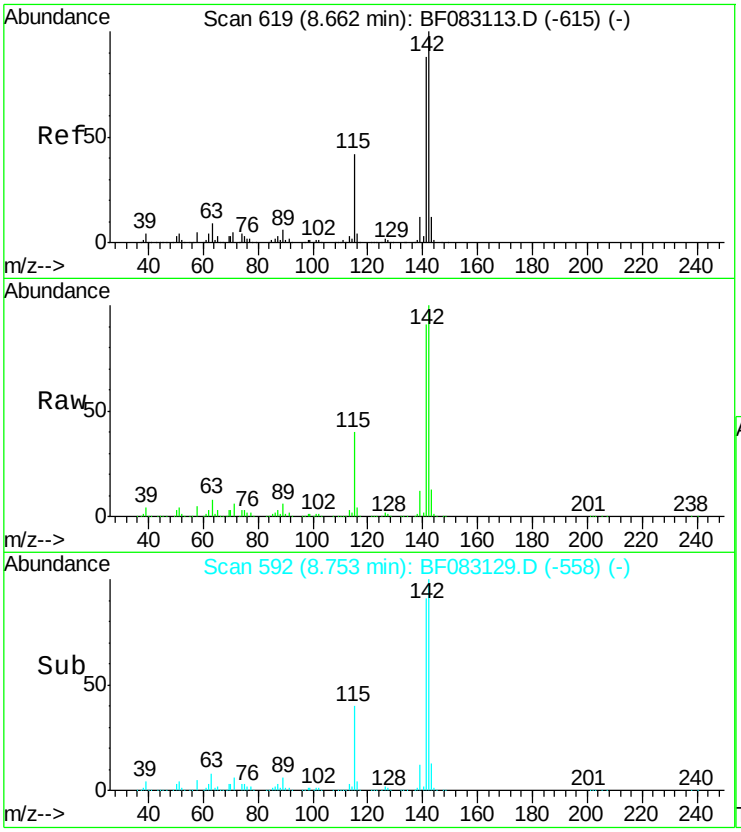




#36
4-Chloro-3-methylphenol
Concen: 33.50 ng
RT: 8.52 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:107 Resp: 489188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 19.9 | 20.8 | 31.2# |
| 142 | 64.0 | 62.1 | 93.1 |



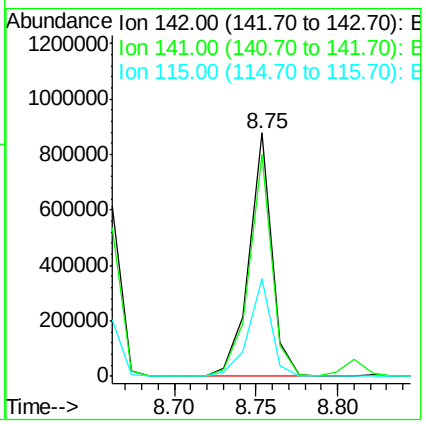


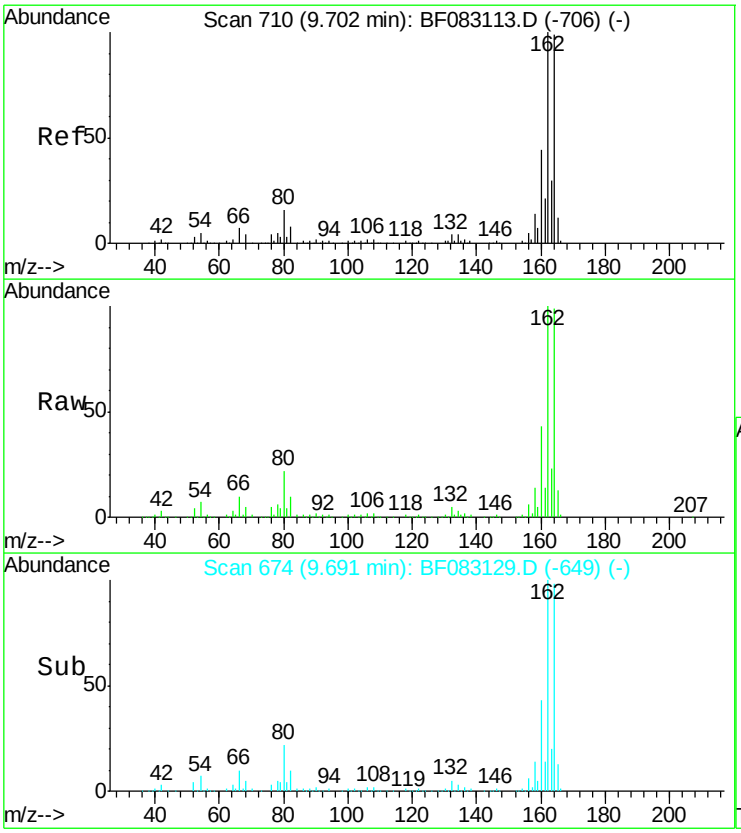

#37
2-Methylnaphthalene
Concen: 30.34 ng
RT: 8.75 min Scan# 592
Delta R.T. 0.09 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:142 Resp: 855113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 70.3 | 105.5 |
| 115 | 39.9 | 33.4 | 50.2 |

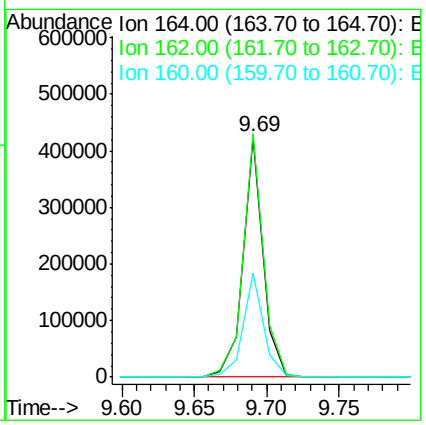


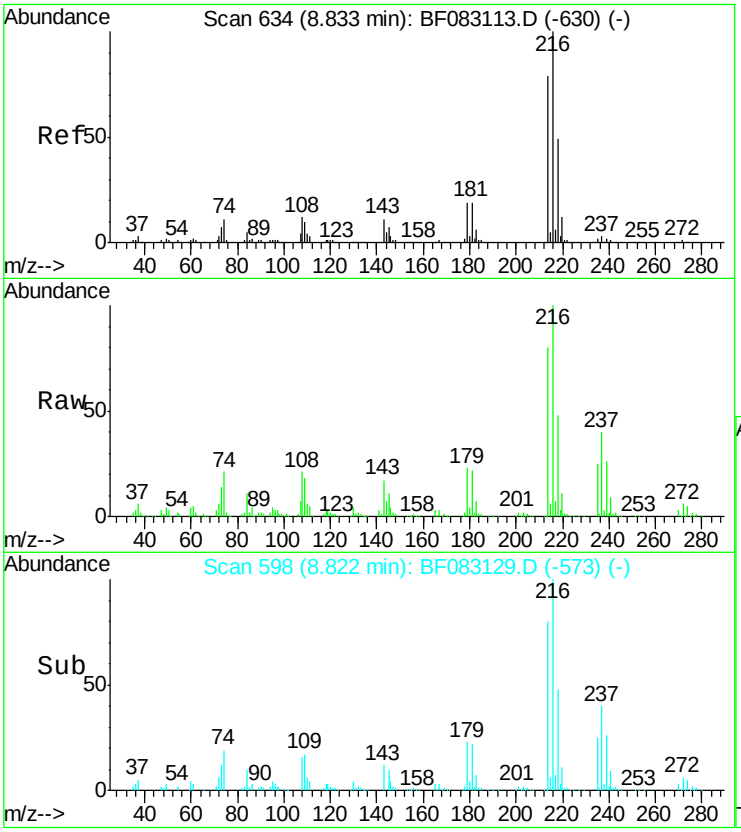




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:164 Resp: 405929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 81.2 | 121.8 |
| 160 | 43.3 | 35.6 | 53.4 |



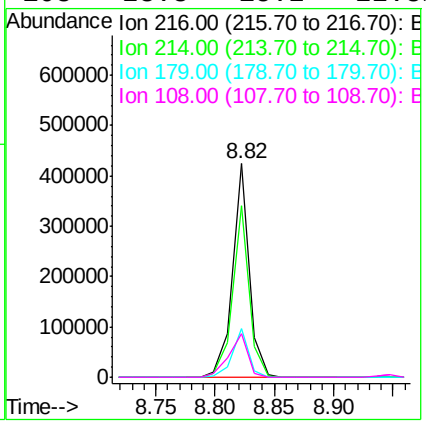


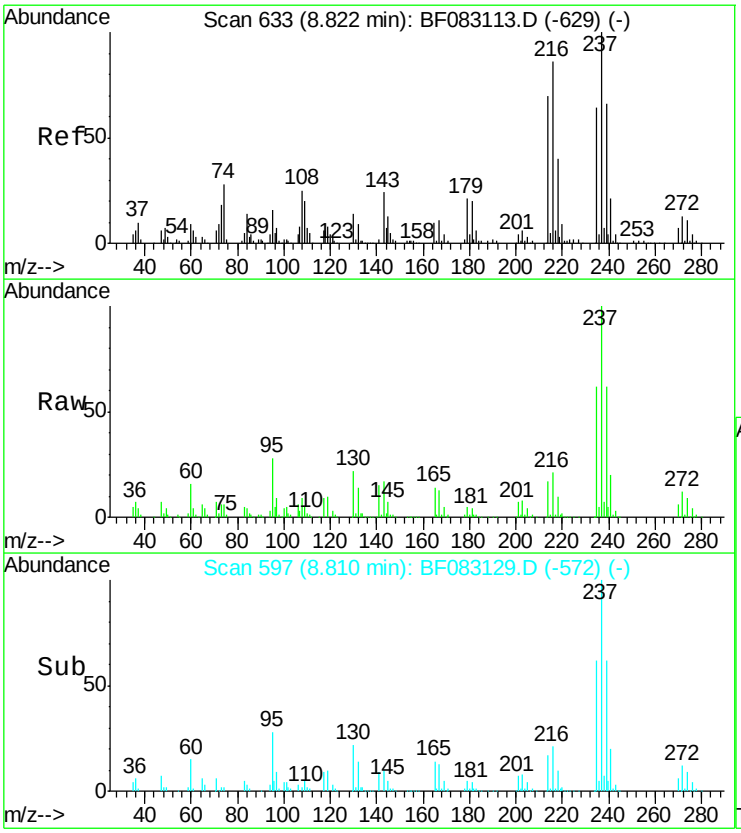

#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.50 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:216 Resp: 414451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 63.8 | 95.8 |
| 179 | 22.1 | 17.0 | 25.6 |
| 108 | 23.3 | 15.2 | 22.8# |

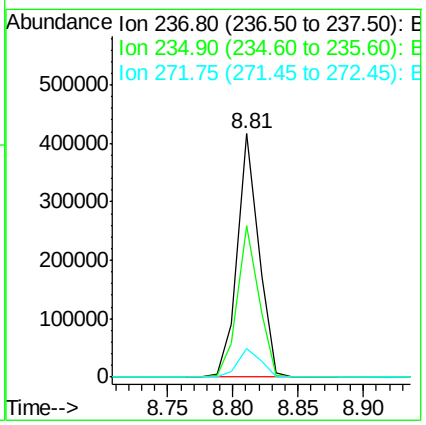


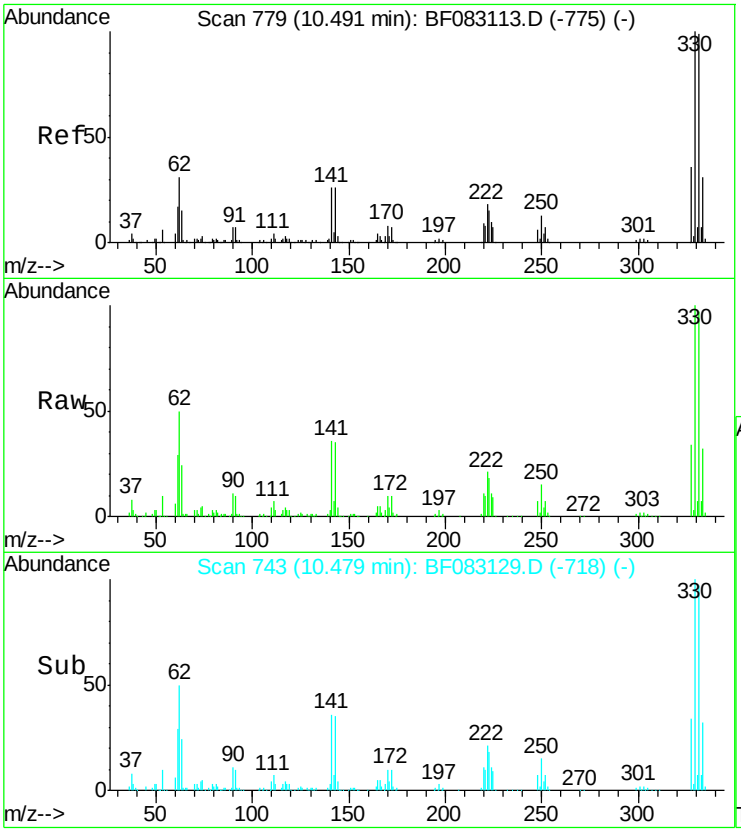




#40
Hexachlorocyclopentadiene
Concen: 63.57 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:237 Resp: 475607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.2 | 43.5 | 83.5 |
| 272 | 11.6 | 0.0 | 33.1 |



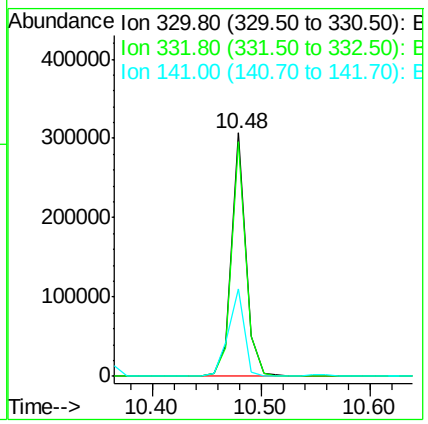


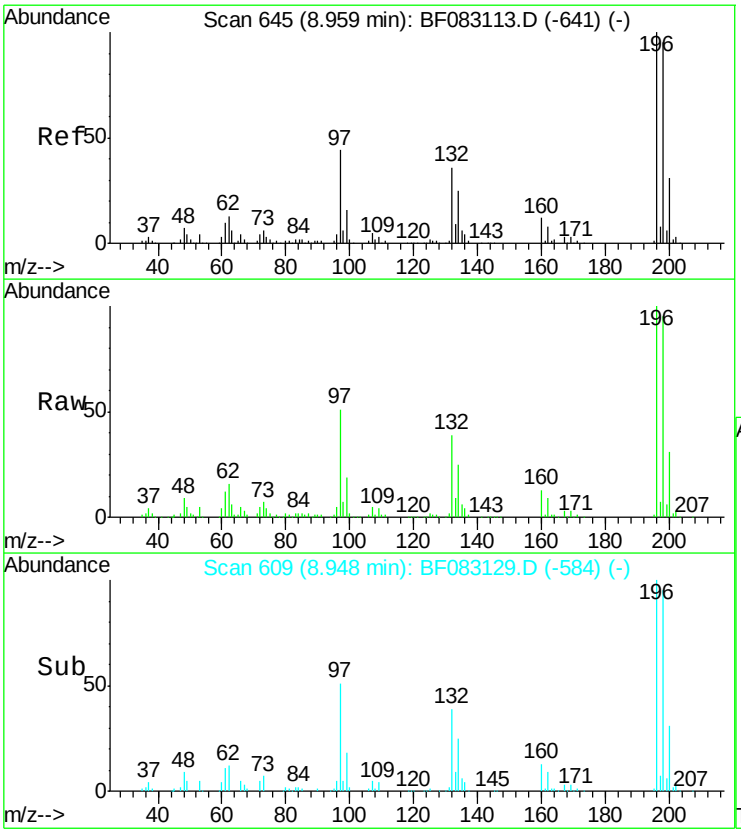

#41
2,4,6-Tribromophenol
Concen: 33.72 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:330 Resp: 280065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.7 | 116.5 |
| 141 | 39.9 | 29.7 | 44.5 |

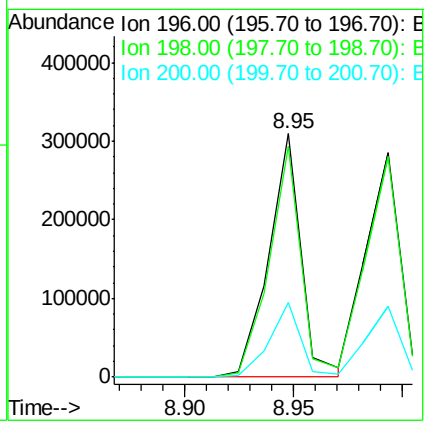


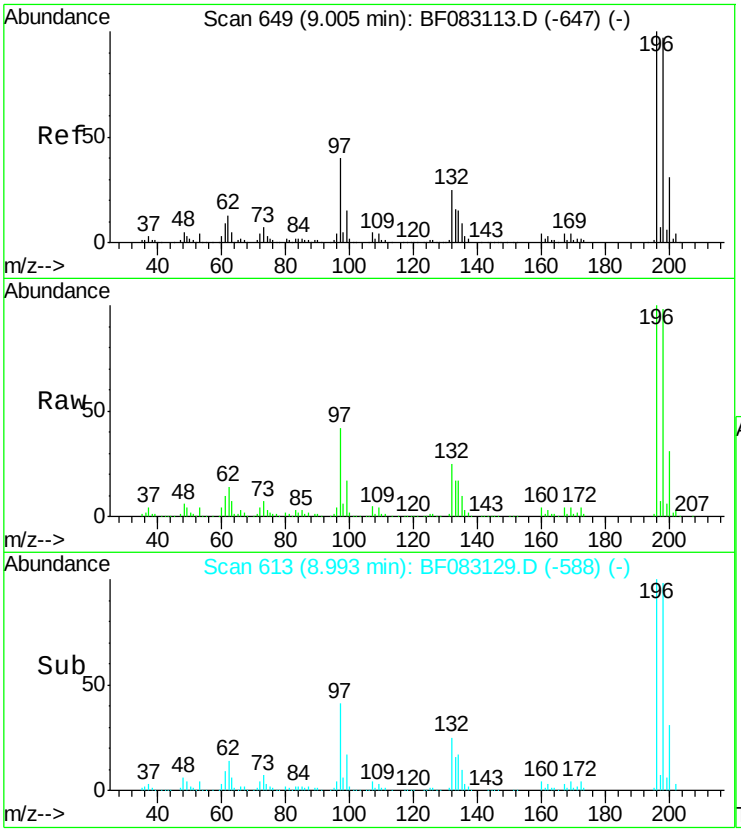




#42
2,4,6-Trichlorophenol
Concen: 34.16 ng
RT: 8.95 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:196 Resp: 321916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 75.9 | 113.9 |
| 200 | 30.8 | 24.5 | 36.7 |



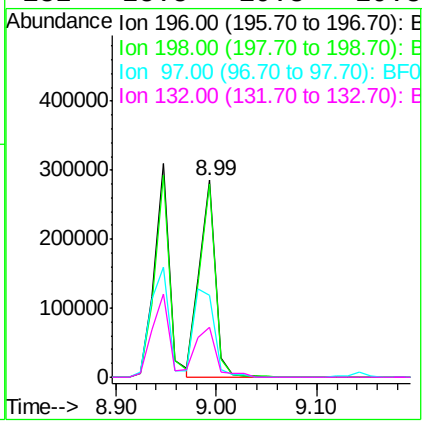


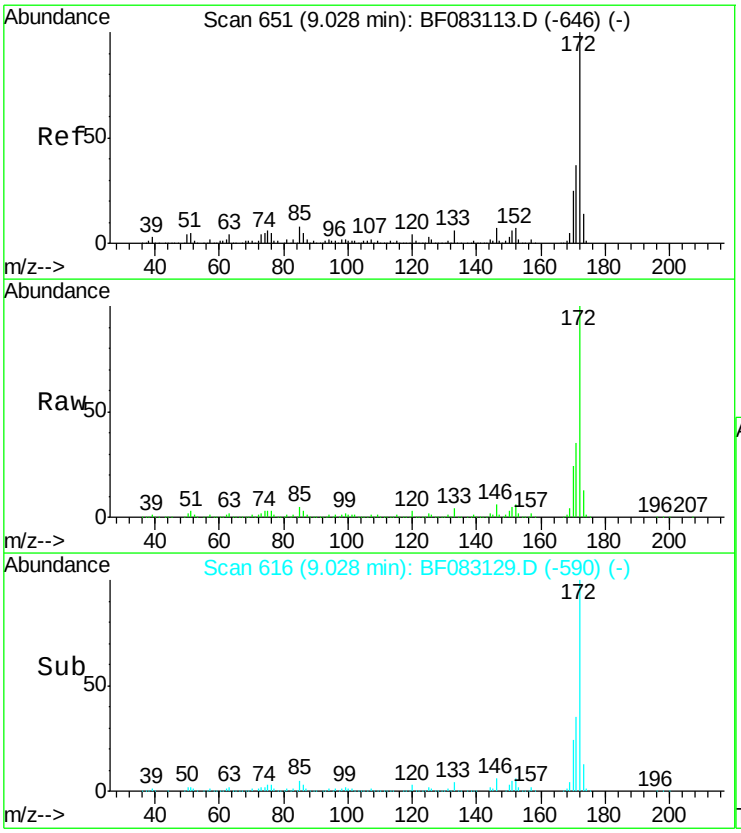

#43
2,4,5-Trichlorophenol
Concen: 33.11 ng
RT: 8.99 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:196 Resp: 318977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.5 | 77.6 | 116.4 |
| 97 | 41.5 | 32.6 | 48.8 |
| 132 | 25.5 | 19.8 | 29.8 |

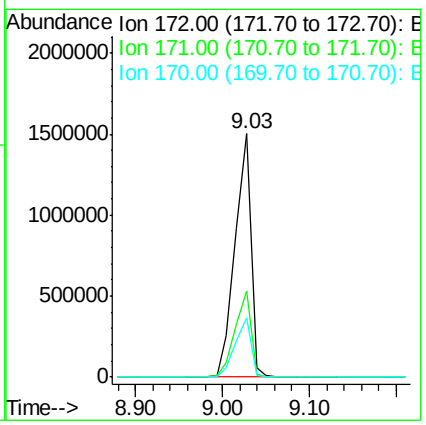


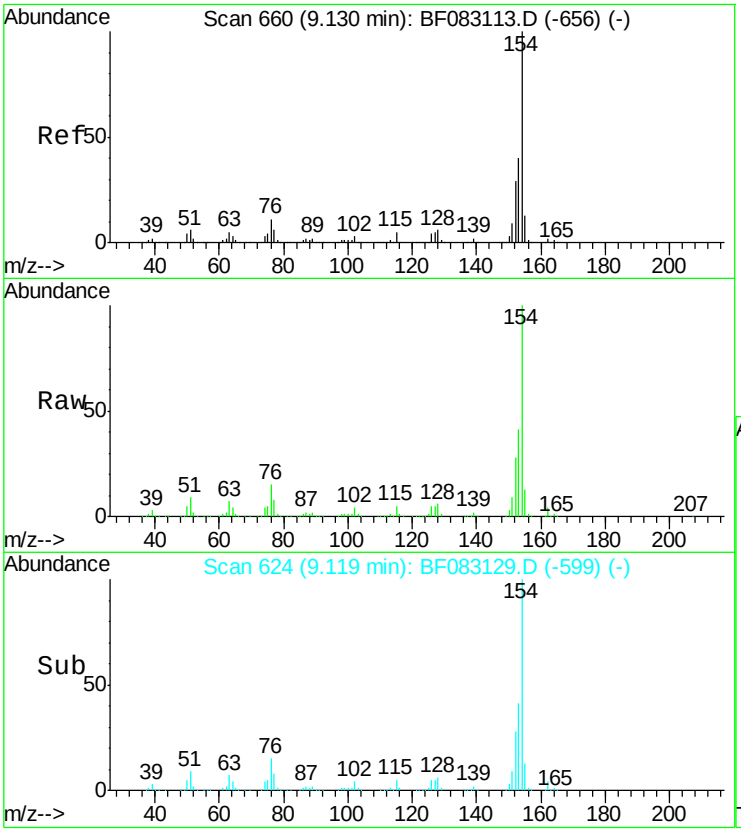




#44
2-Fluorobiphenyl
Concen: 32.48 ng
RT: 9.03 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:172 Resp: 1890987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 29.5 | 44.3 |
| 170 | 24.1 | 19.9 | 29.9 |



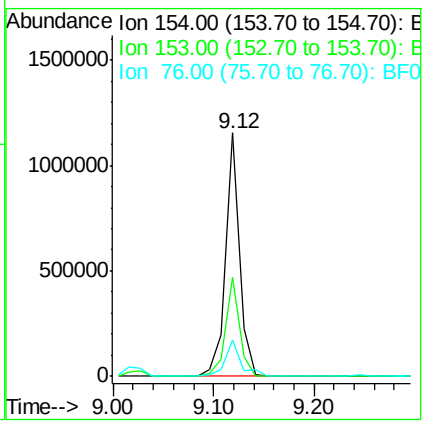


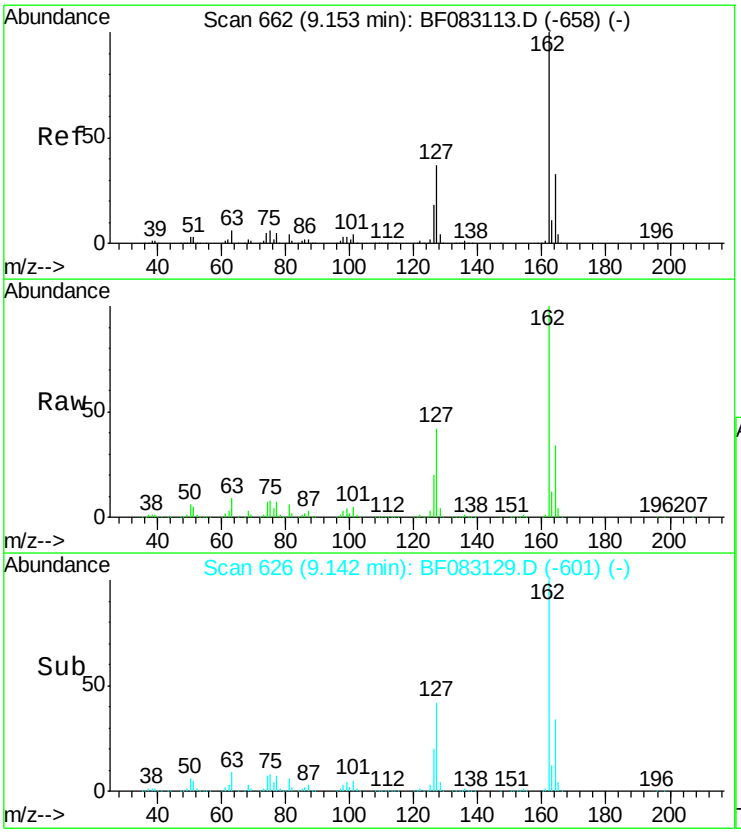

#45
1,1'-Biphenyl
Concen: 32.20 ng
RT: 9.12 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:154 Resp: 1112460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 20.5 | 60.5 |
| 76 | 15.0 | 0.0 | 31.2 |

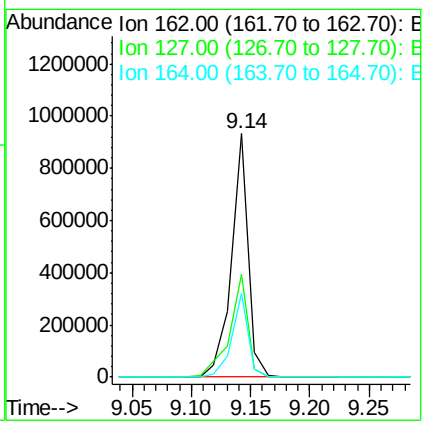


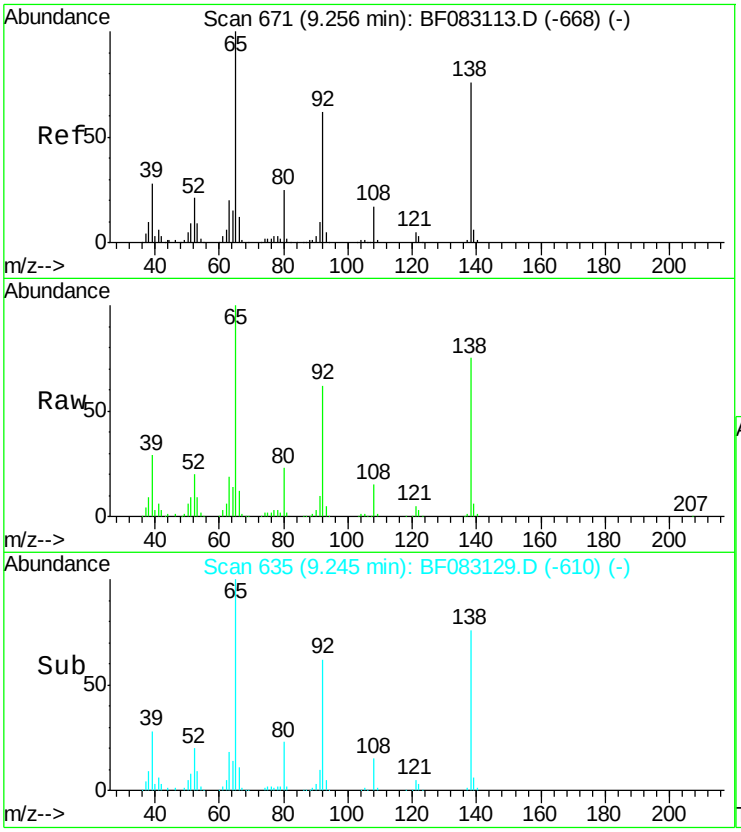




#46
2-Chloronaphthalene
Concen: 33.73 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:162 Resp: 915229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.5 | 29.4 | 44.2 |
| 164 | 34.2 | 26.2 | 39.4 |



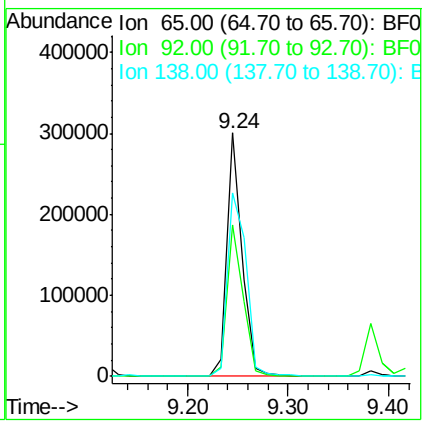


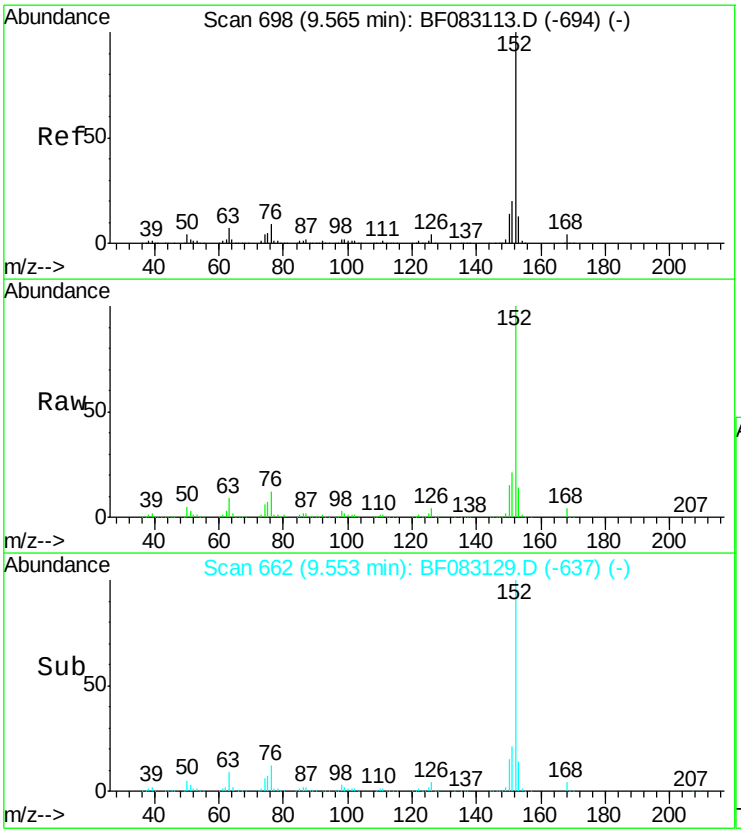

#47
2-Nitroaniline
Concen: 32.70 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion: 65 Resp: 313912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.0 | 49.5 | 74.3 |
| 138 | 75.5 | 60.7 | 91.1 |

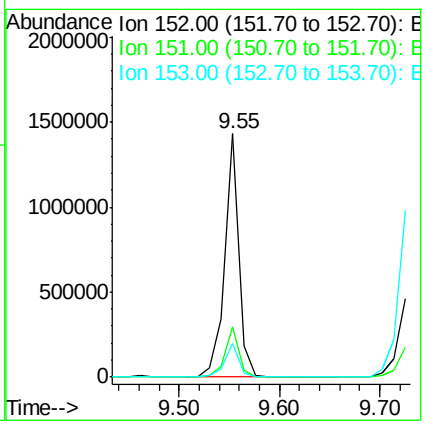


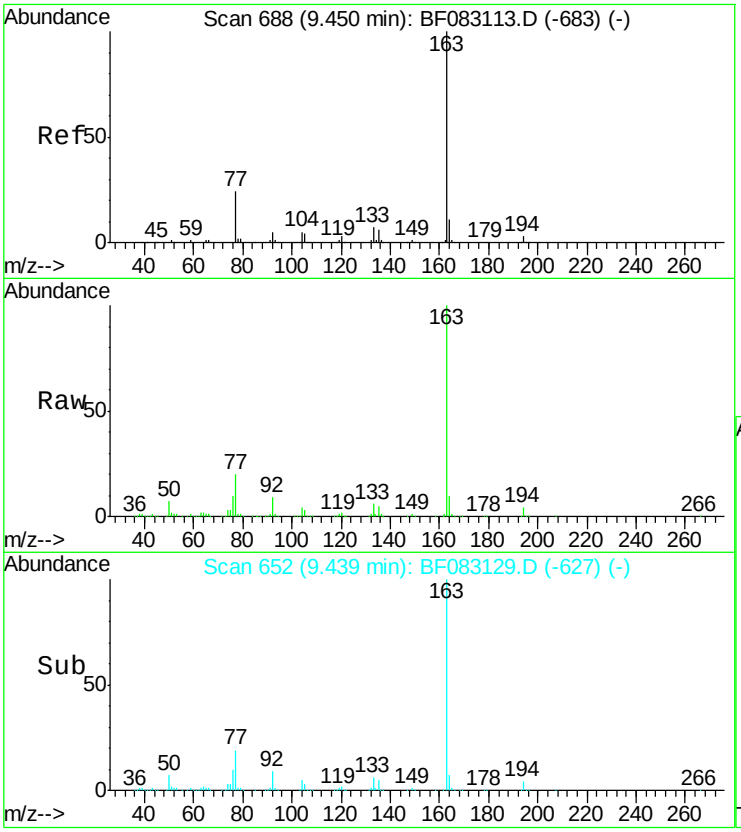




#48
Acenaphthylene
Concen: 33.04 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:152 Resp: 1389456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.3 | 24.5 |
| 153 | 13.7 | 10.8 | 16.2 |



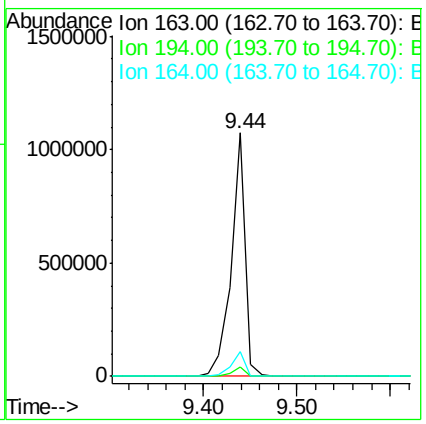


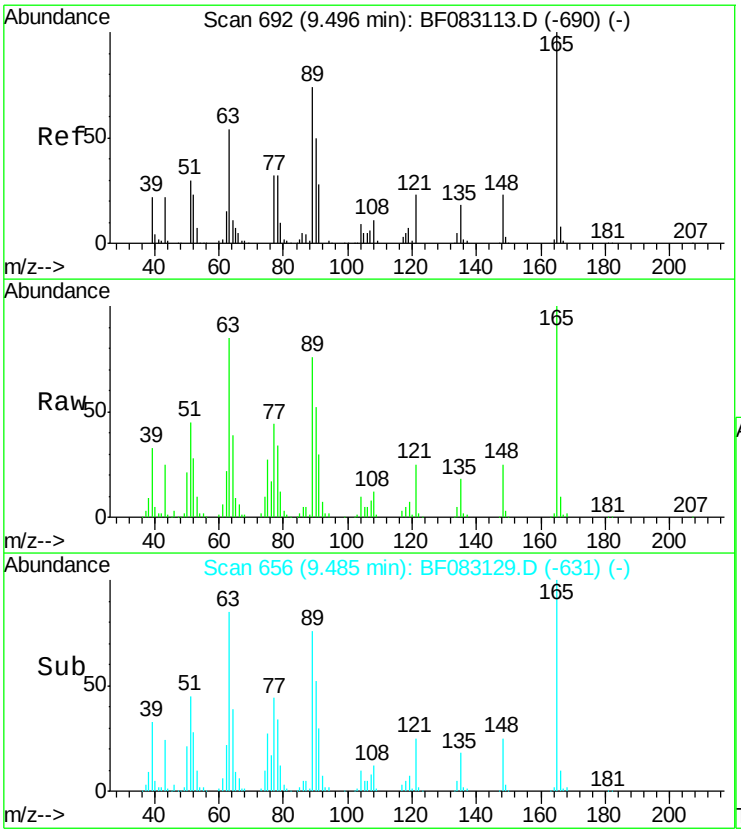

#49
Dimethylphthalate
Concen: 35.92 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:163 Resp: 1122451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 2.6 | 4.0 |
| 164 | 10.1 | 8.6 | 12.8 |

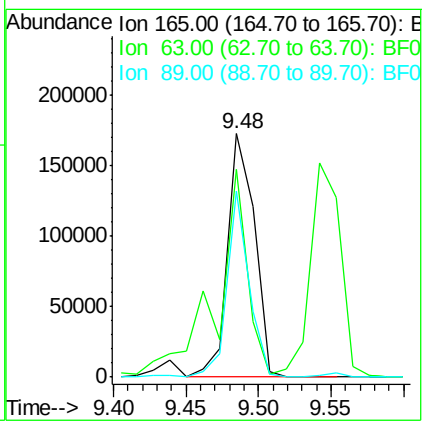


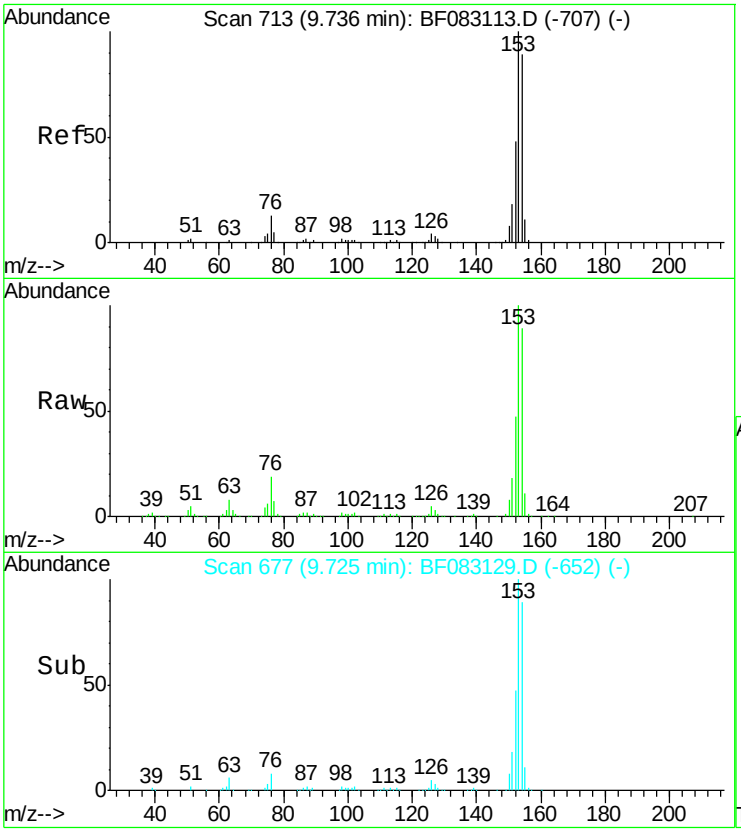




#50
2,6-Dinitrotoluene
Concen: 31.80 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:165 Resp: 222959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 85.4 | 62.5 | 93.7 |
| 89 | 76.4 | 59.1 | 88.7 |



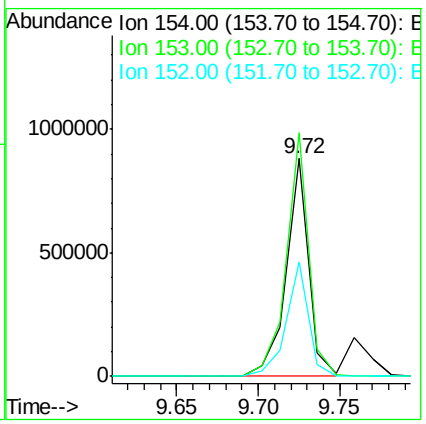


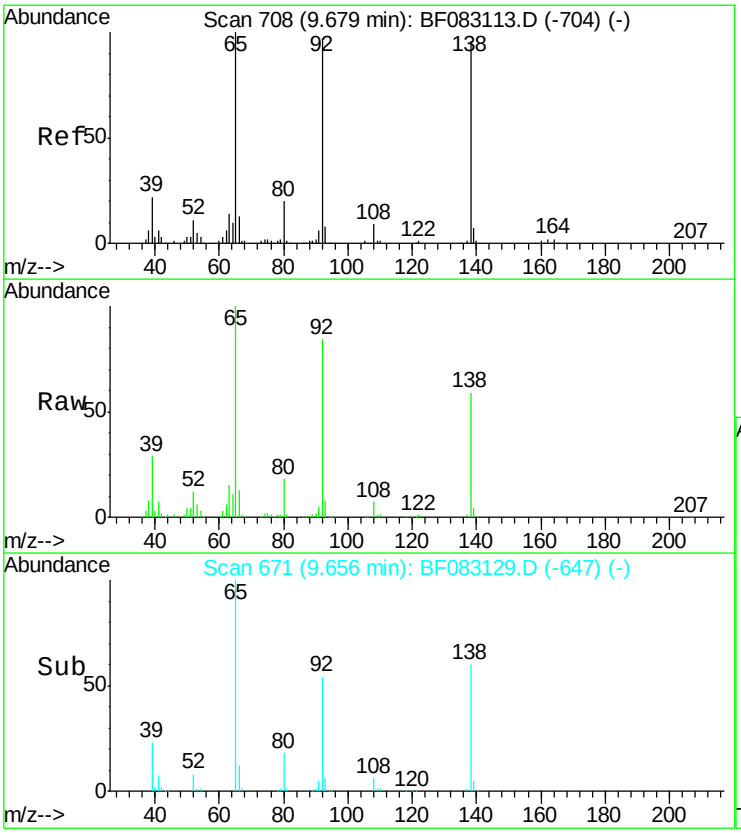

#51
Acenaphthene
Concen: 33.08 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:154 Resp: 846668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.8 | 89.6 | 134.4 |
| 152 | 52.7 | 43.3 | 64.9 |

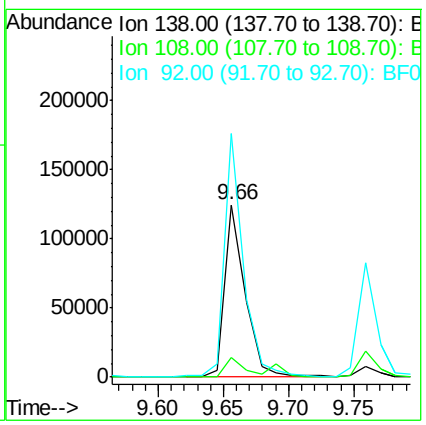


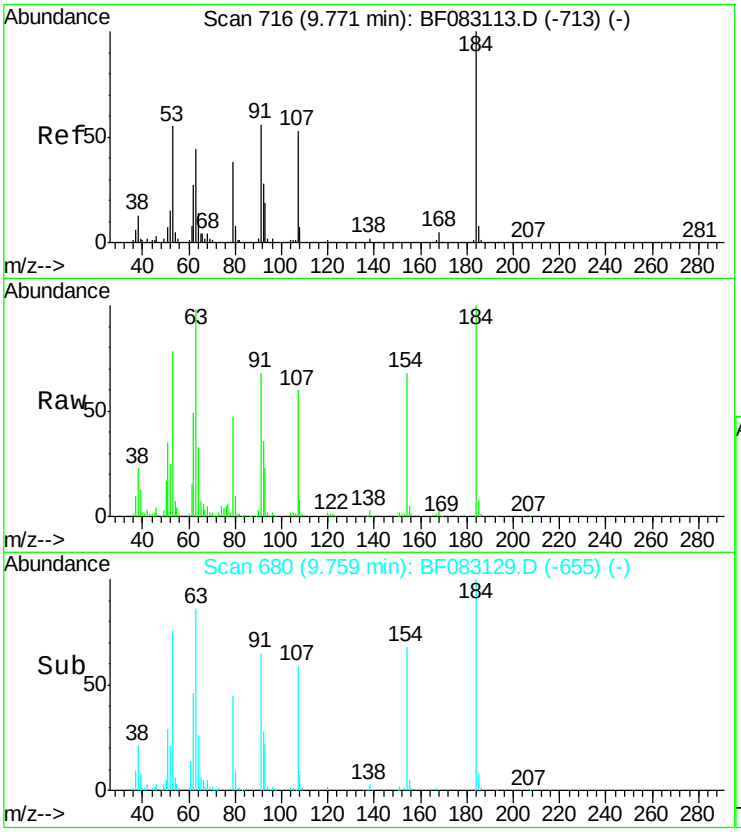




#52
3-Nitroaniline
Concen: 18.13 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:138 Resp: 135558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.4 | 7.8 | 11.6 |
| 92 | 141.5 | 81.1 | 121.7# |



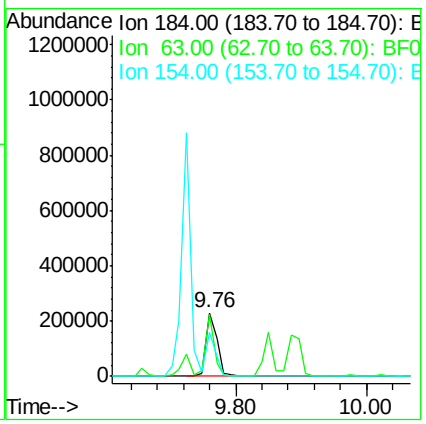


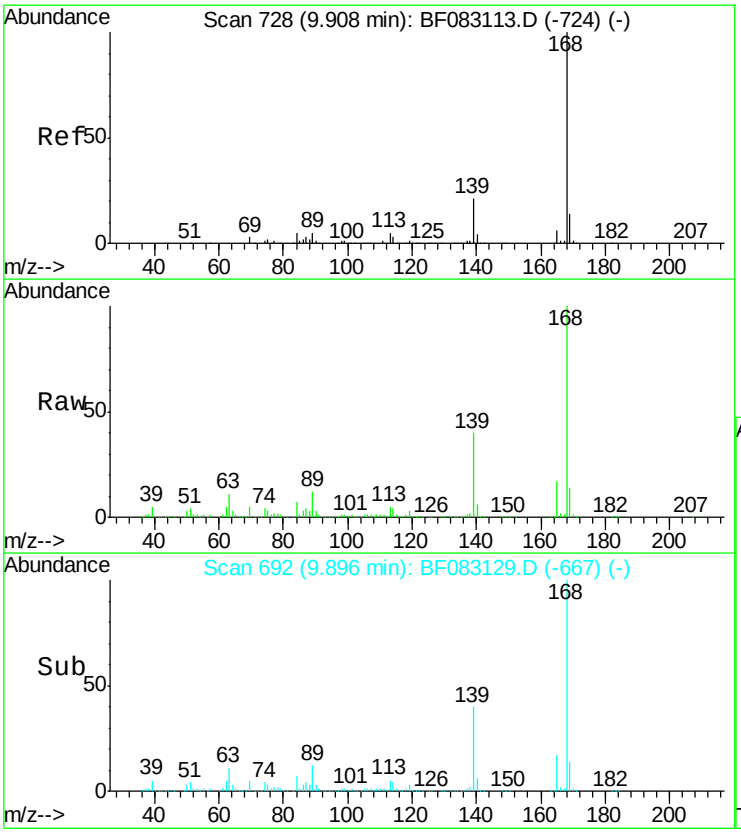

#53
2,4-Dinitrophenol
Concen: 69.37 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:184 Resp: 280269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 97.9 | 60.5 | 90.7# |
| 154 | 68.3 | 54.3 | 81.5 |

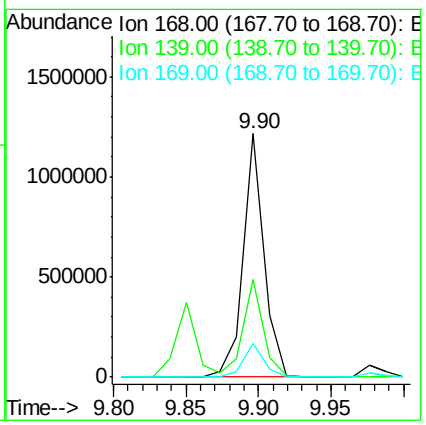


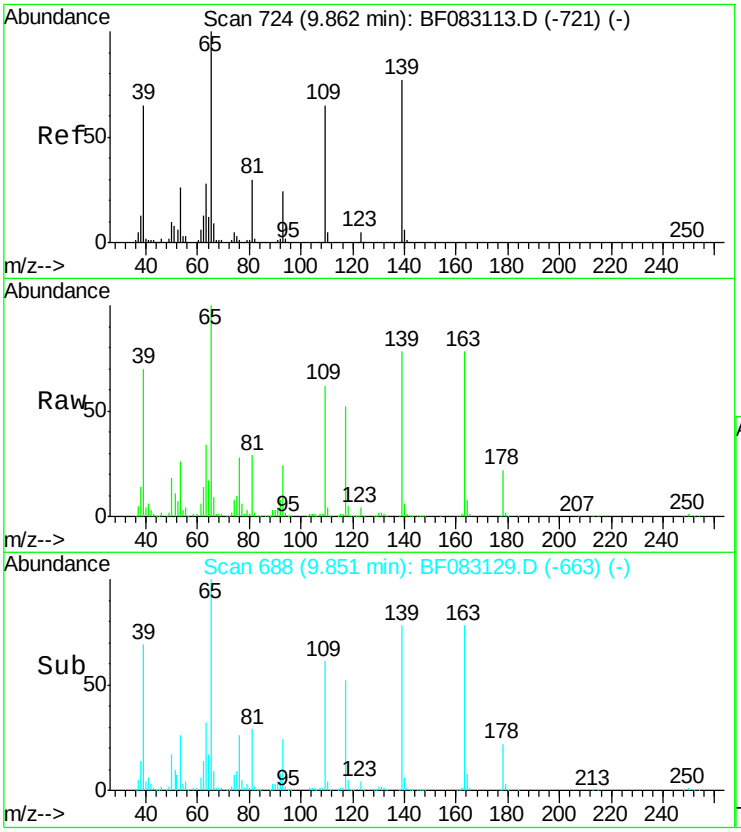




#54
Dibenzofuran
Concen: 33.52 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:168 Resp: 1212974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.2 | 30.2 | 45.2 |
| 169 | 14.1 | 10.9 | 16.3 |



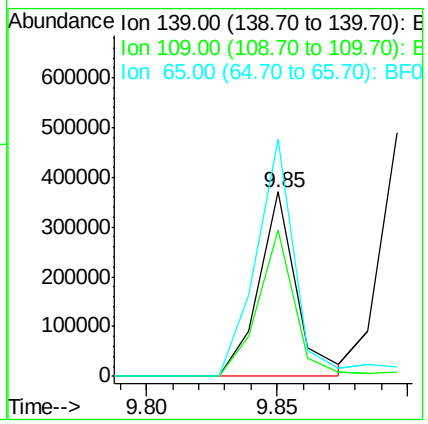


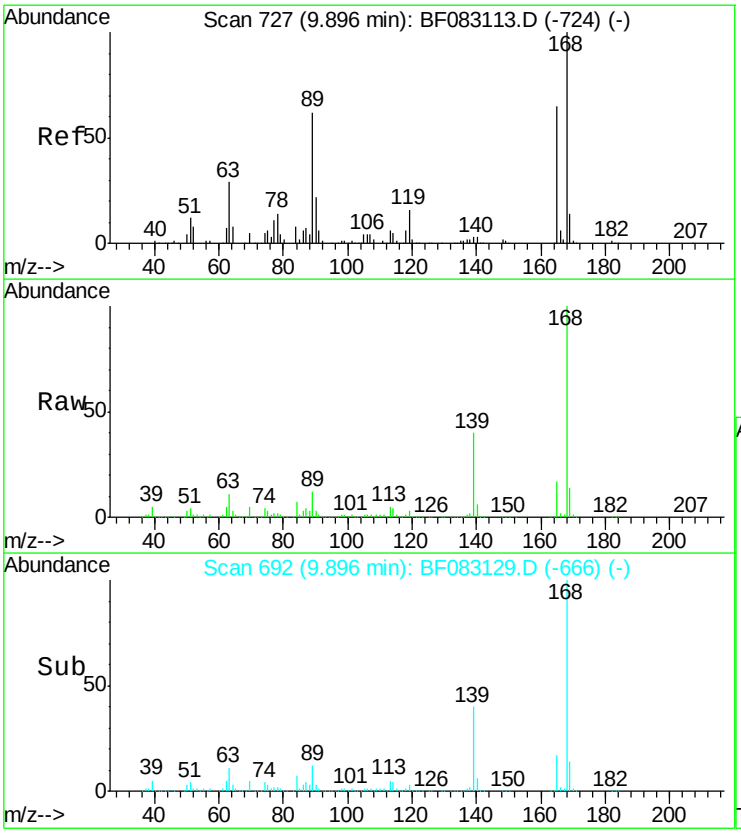

#55
4-Nitrophenol
Concen: 64.93 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:139 Resp: 372269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 79.0 | 64.0 | 104.0 |
| 65 | 128.5 | 109.5 | 149.5 |

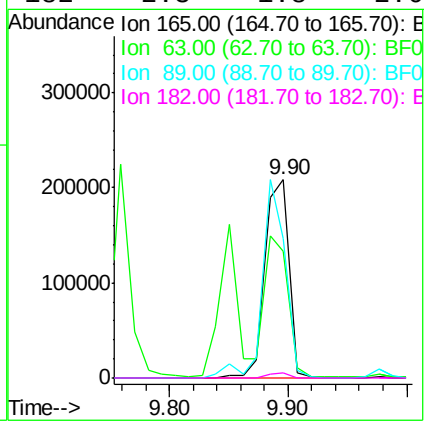


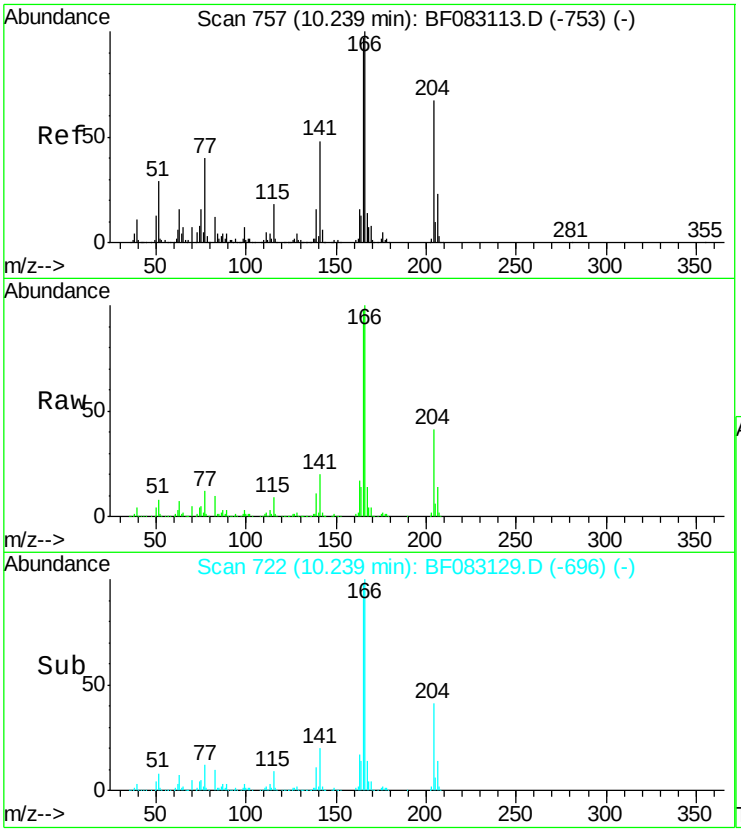




#56
2,4-Dinitrotoluene
Concen: 33.23 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:165 Resp: 295274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.2 | 54.5 | 81.7 |
| 89 | 70.8 | 77.3 | 115.9# |
| 182 | 2.3 | 1.8 | 2.6 |



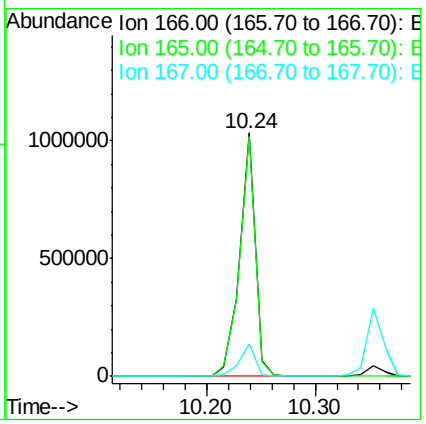


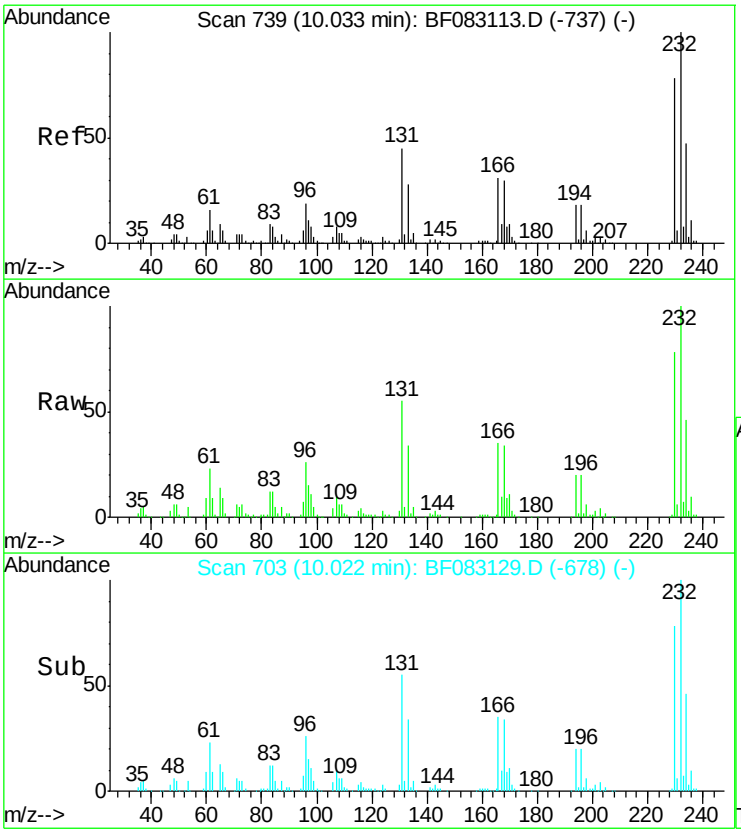

#57
Fluorene
Concen: 33.89 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:166 Resp: 1013505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 78.0 | 117.0 |
| 167 | 13.5 | 11.3 | 16.9 |

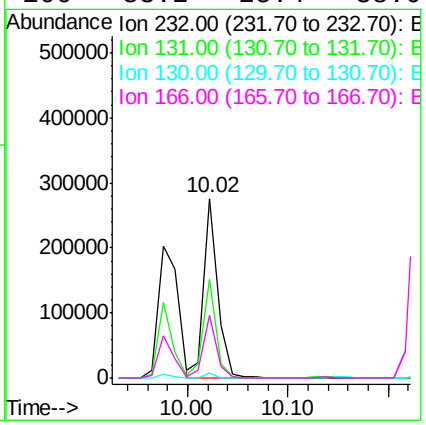


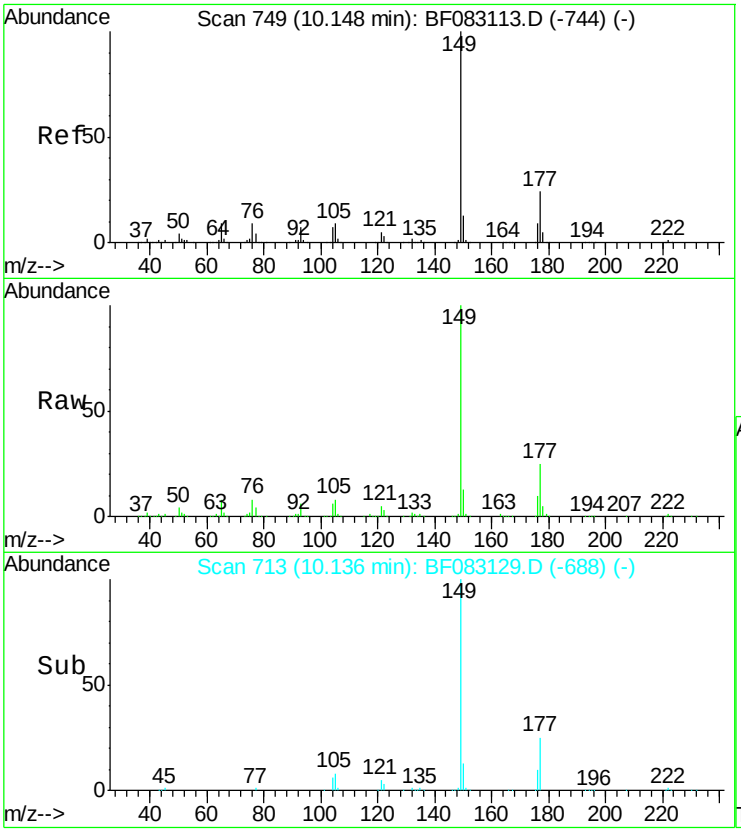




#58
2,3,4,6-Tetrachlorophenol
Concen: 33.94 ng
RT: 10.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:232 Resp: 268229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.6 | 38.6 | 57.8 |
| 130 | 2.4 | 1.9 | 2.9 |
| 166 | 33.2 | 25.4 | 38.0 |



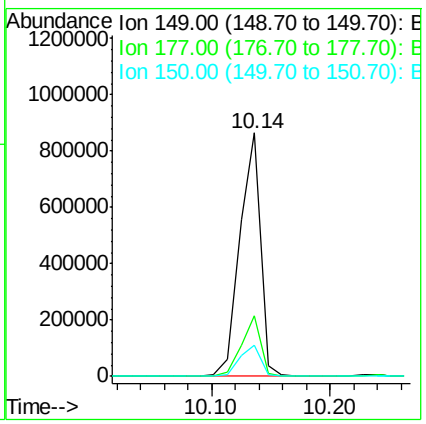


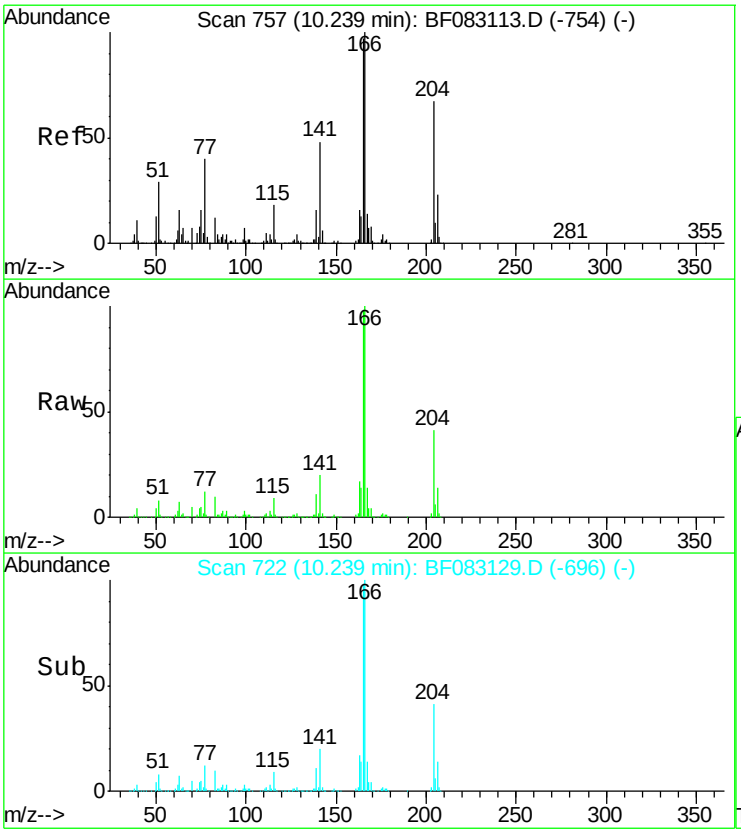

#59
Diethylphthalate
Concen: 33.82 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:149 Resp: 1052123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 19.4 | 29.2 |
| 150 | 12.7 | 10.2 | 15.2 |

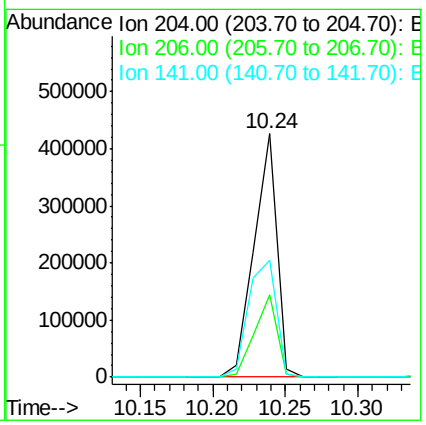


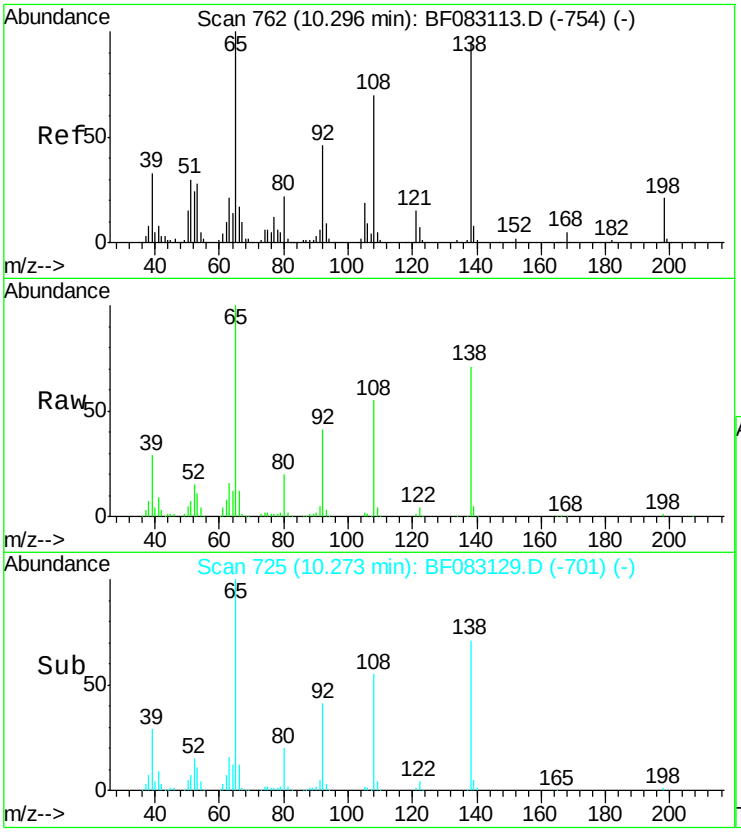




#60
4-Chlorophenyl-phenylether
Concen: 34.01 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:204 Resp: 465925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 27.4 | 41.0 |
| 141 | 47.9 | 57.4 | 86.2# |



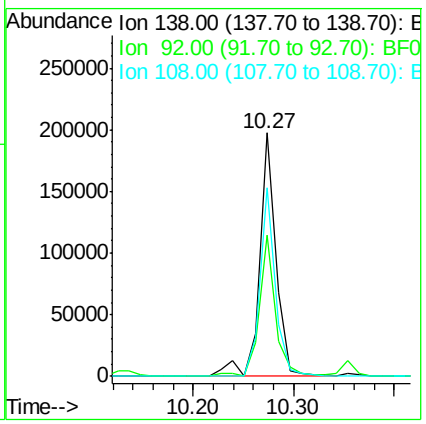


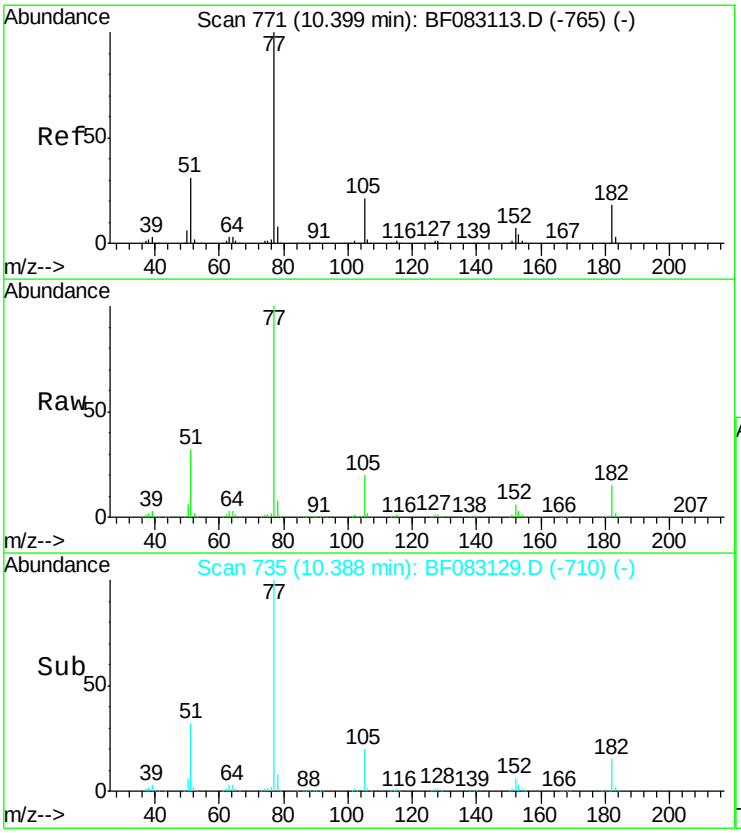

#61
4-Nitroaniline
Concen: 30.71 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:138 Resp: 226019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.1 | 28.4 | 68.4 |
| 108 | 77.5 | 53.5 | 93.5 |

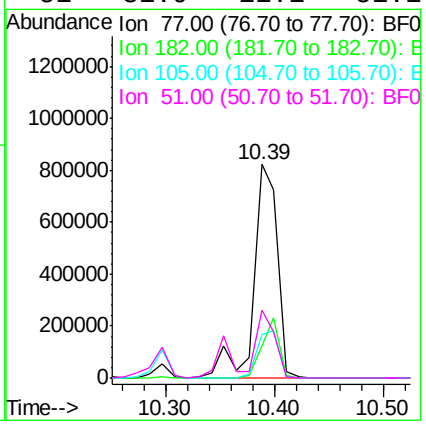


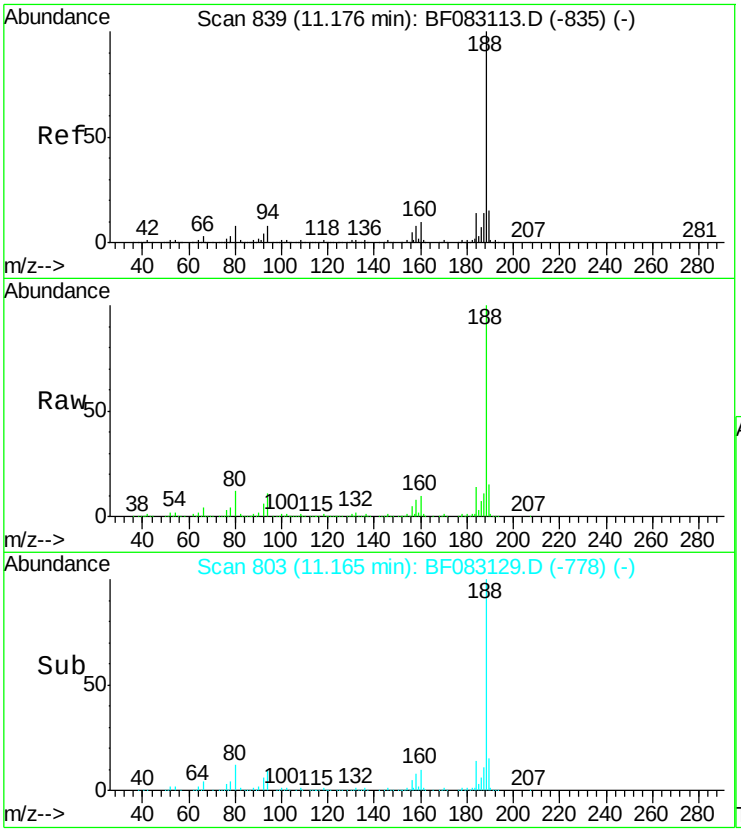




#62
Azobenzene
Concen: 35.26 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 77 Resp: 1251855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 15.2 | 0.0 | 38.3 |
| 105 | 20.1 | 1.2 | 41.2 |
| 51 | 31.9 | 11.1 | 51.1 |



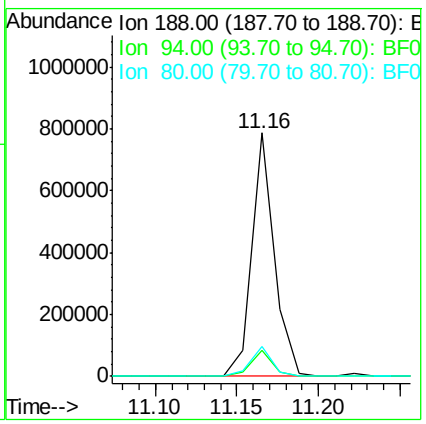


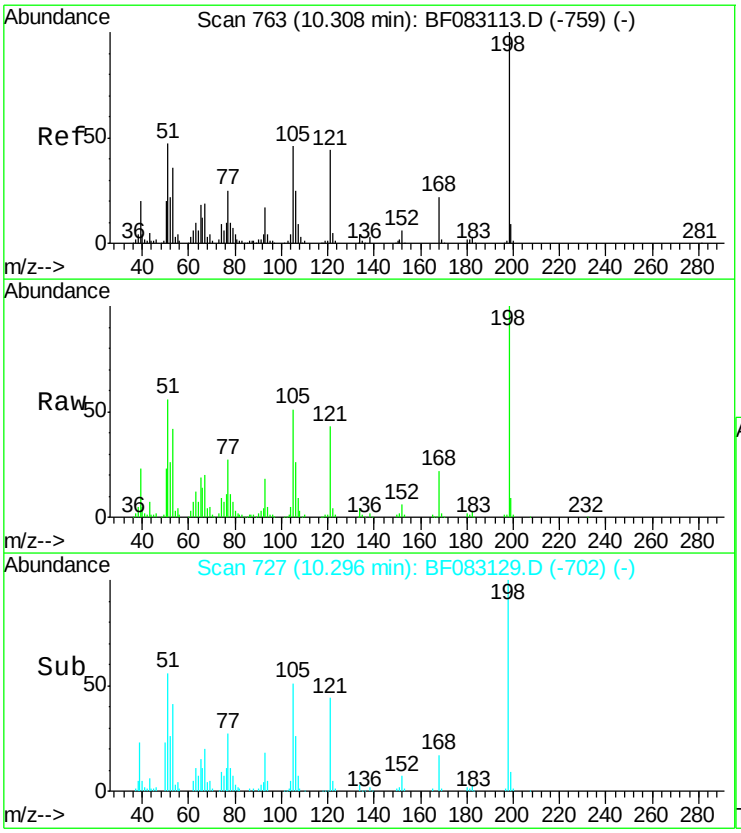

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:188 Resp: 754784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 6.0 | 9.0# |
| 80 | 12.1 | 6.7 | 10.1# |

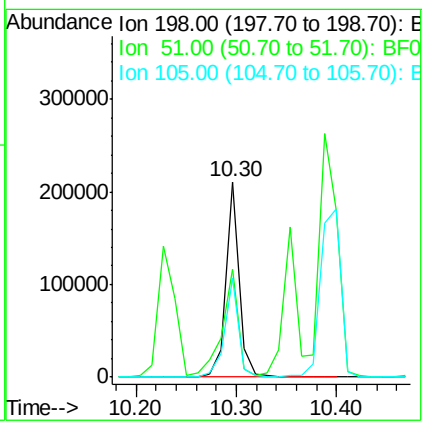


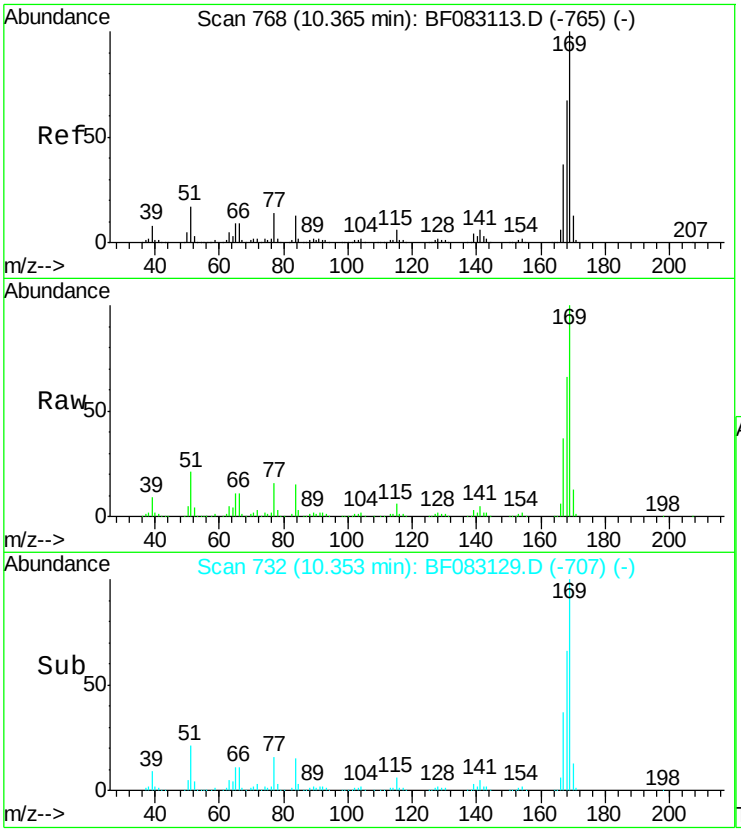




#64
4,6-Dinitro-2-methylphenol
Concen: 36.89 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:198 Resp: 191850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.6 | 27.0 | 67.0 |
| 105 | 50.5 | 26.1 | 66.1 |



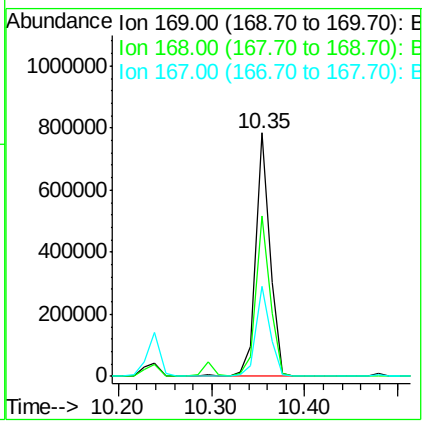


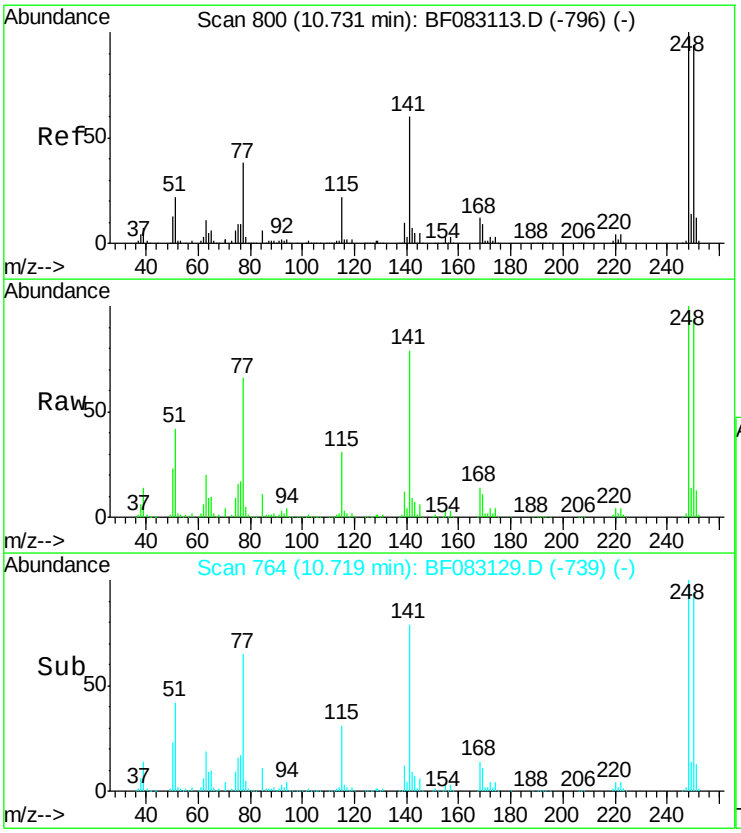

#65
n-Nitrosodiphenylamine
Concen: 32.47 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:169 Resp: 833470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.1 | 53.8 | 80.6 |
| 167 | 37.0 | 29.8 | 44.8 |

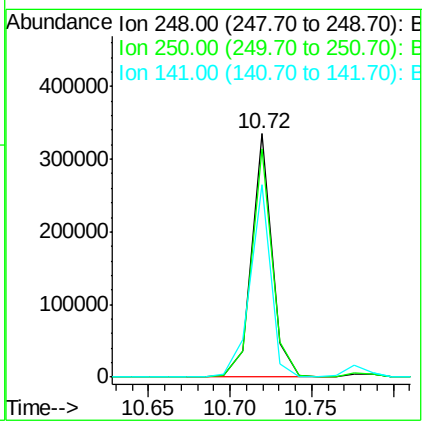


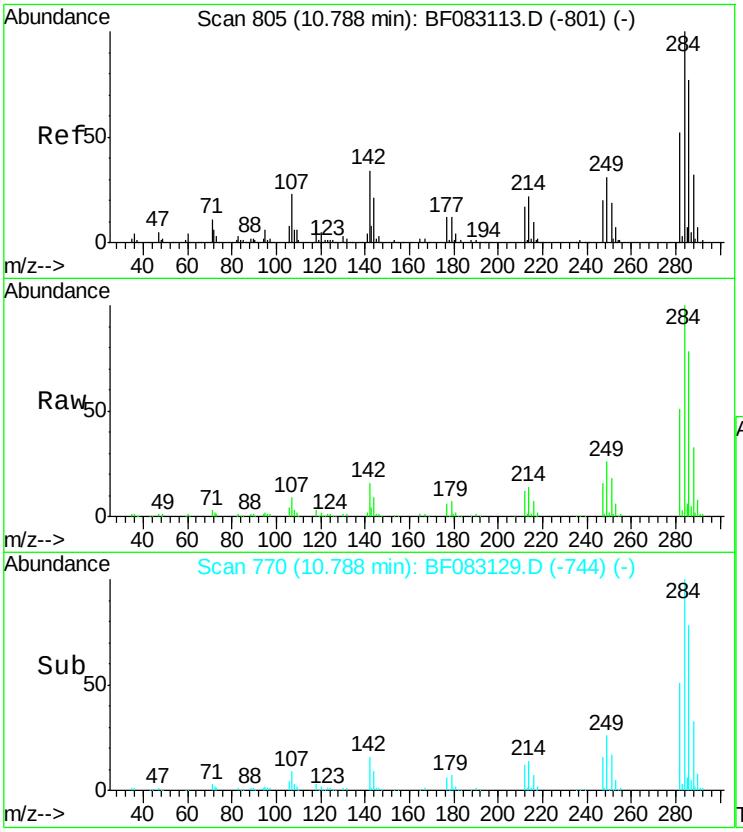




#66
4-Bromophenyl-phenylether
Concen: 34.72 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:248 Resp: 290762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.8 | 75.4 | 113.2 |
| 141 | 78.8 | 48.1 | 72.1# |



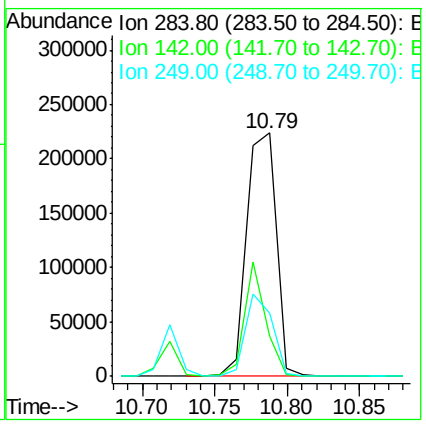


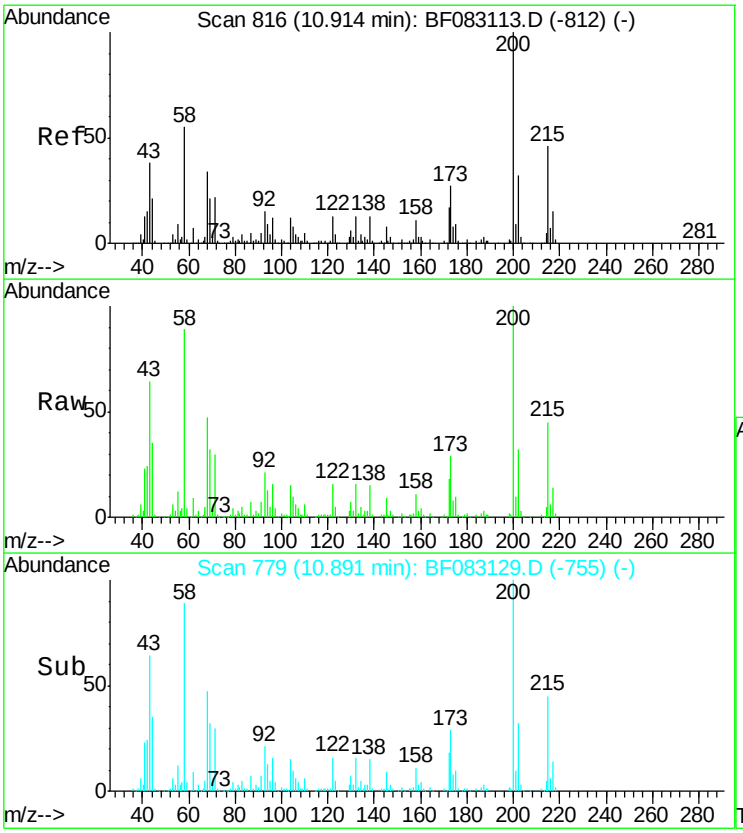

#67
Hexachlorobenzene
Concen: 34.29 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:284 Resp: 316248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 16.5 | 27.6 | 41.4# |
| 249 | 25.8 | 25.5 | 38.3 |

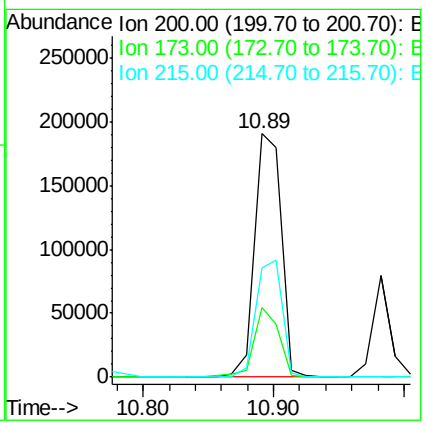


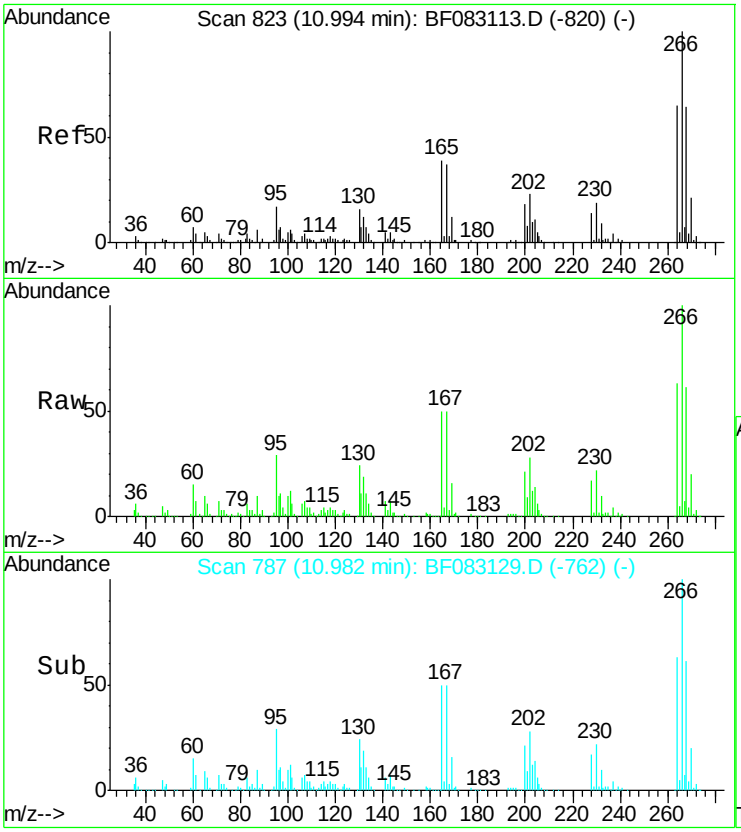




#68
Atrazine
Concen: 36.55 ng
RT: 10.89 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:200 Resp: 272437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 7.2 | 47.2 |
| 215 | 45.0 | 25.7 | 65.7 |



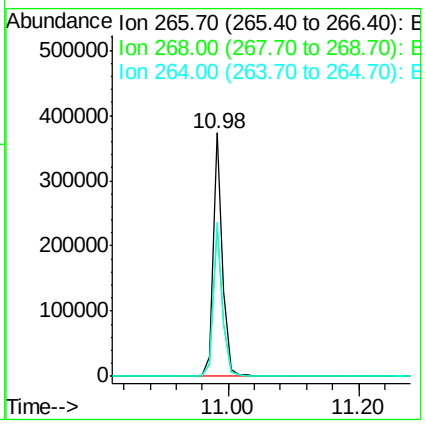


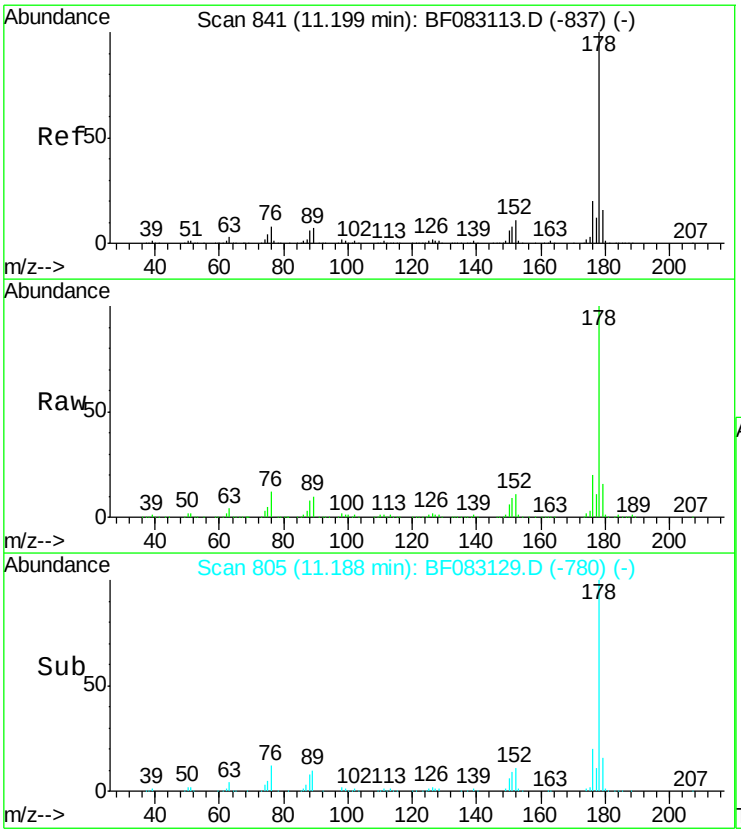

#69
Pentachlorophenol
Concen: 63.68 ng
RT: 10.98 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:266 Resp: 382562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.2 | 51.4 | 77.0 |
| 264 | 63.3 | 51.7 | 77.5 |

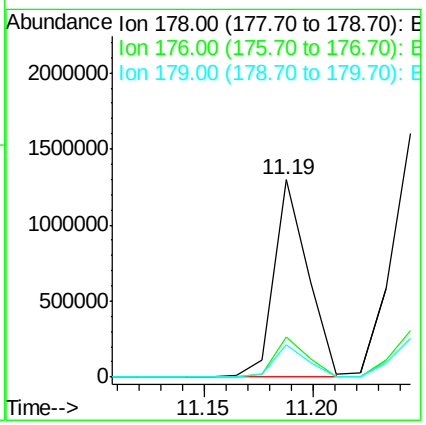


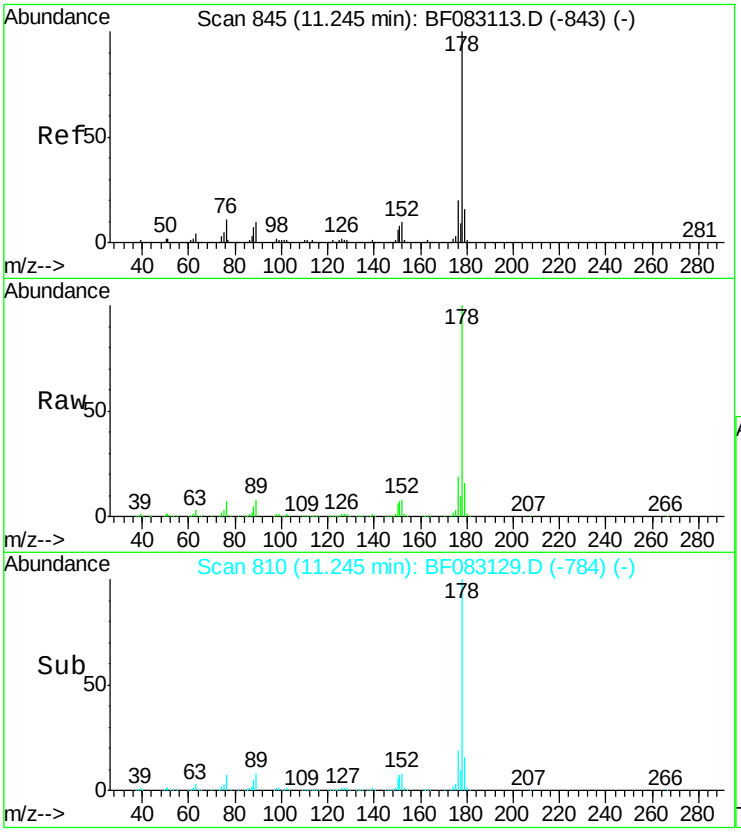




#70
Phenanthrene
Concen: 32.56 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:178 Resp: 1415932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.2 | 24.2 |
| 179 | 16.3 | 12.8 | 19.2 |



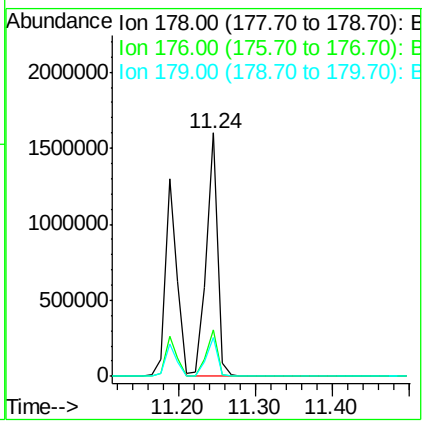


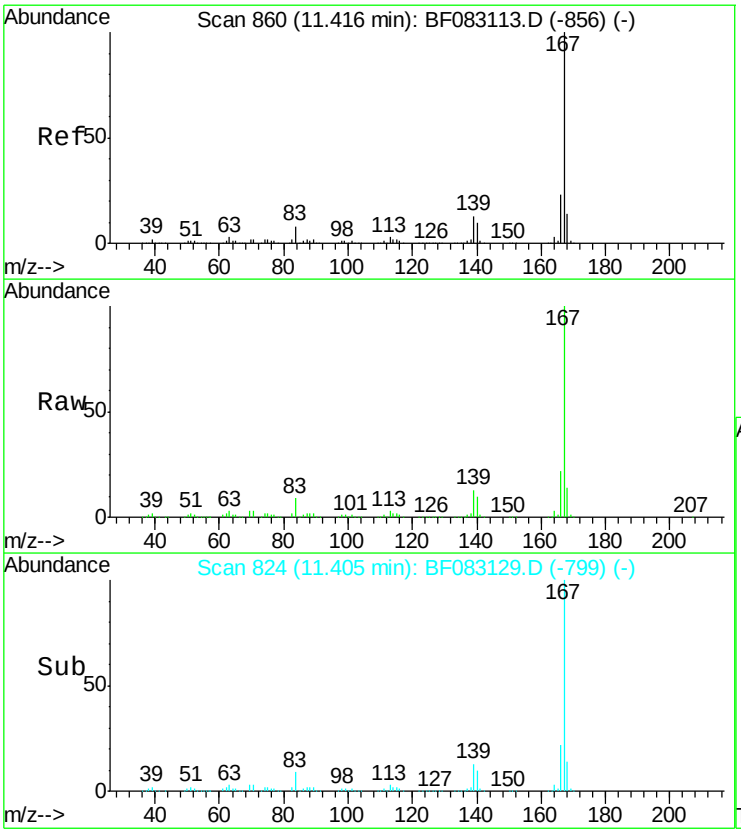

#71
Anthracene
Concen: 35.93 ng
RT: 11.24 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:178 Resp: 1593911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.9 | 13.2 | 19.8 |

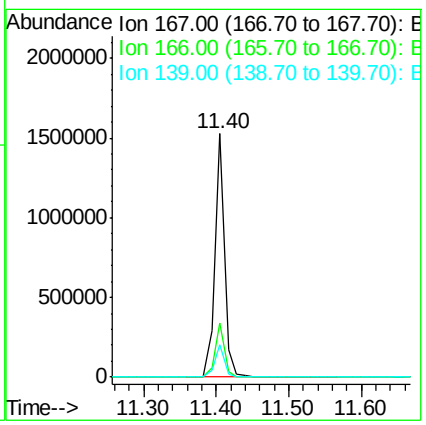


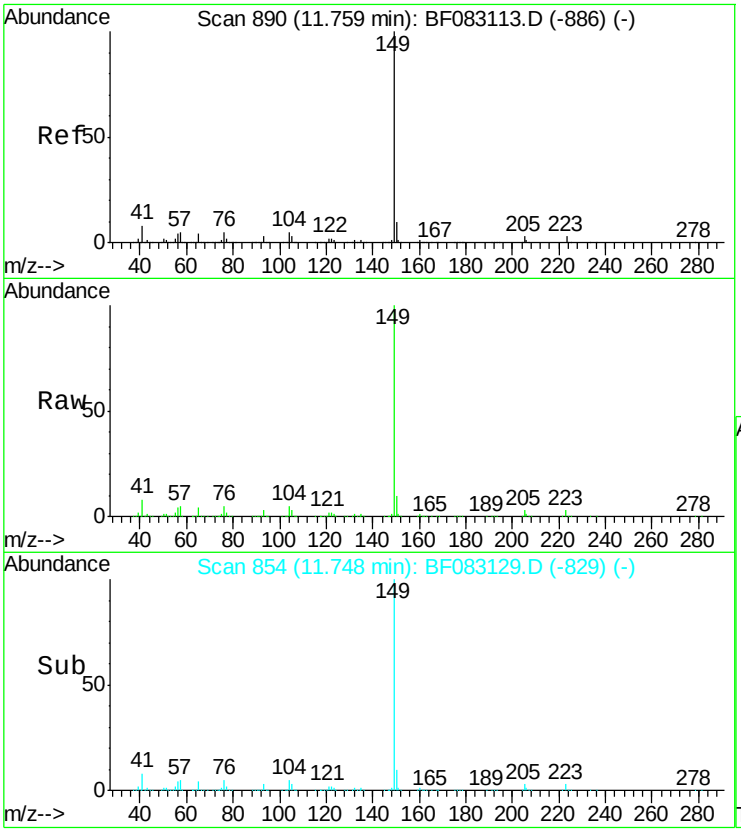




#72
Carbazole
Concen: 35.21 ng
RT: 11.40 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:167 Resp: 1388557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 18.0 | 27.0 |
| 139 | 13.5 | 10.5 | 15.7 |



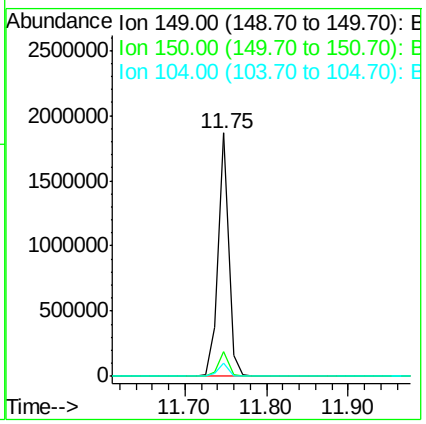


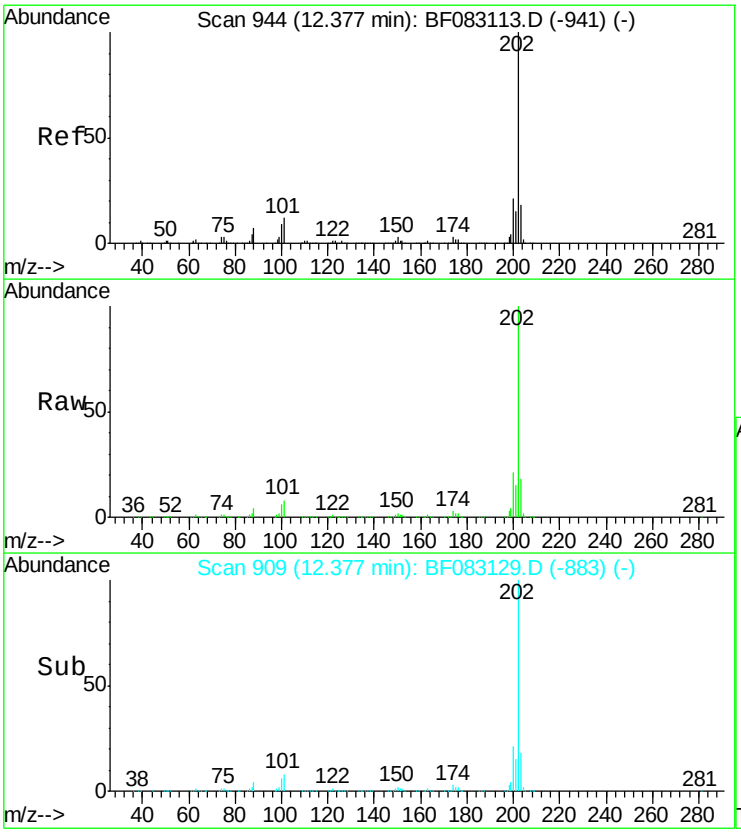

#73
Di-n-butylphthalate
Concen: 34.72 ng
RT: 11.75 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:149 Resp: 1671148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 8.0 | 12.0 |
| 104 | 5.2 | 4.4 | 6.6 |

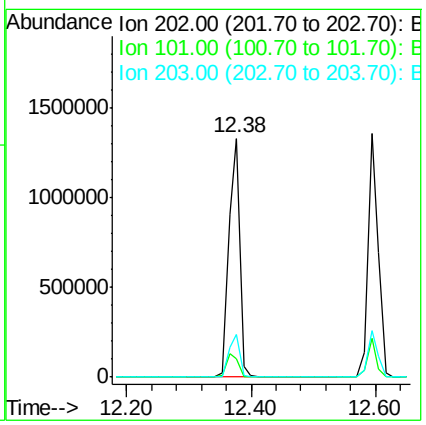


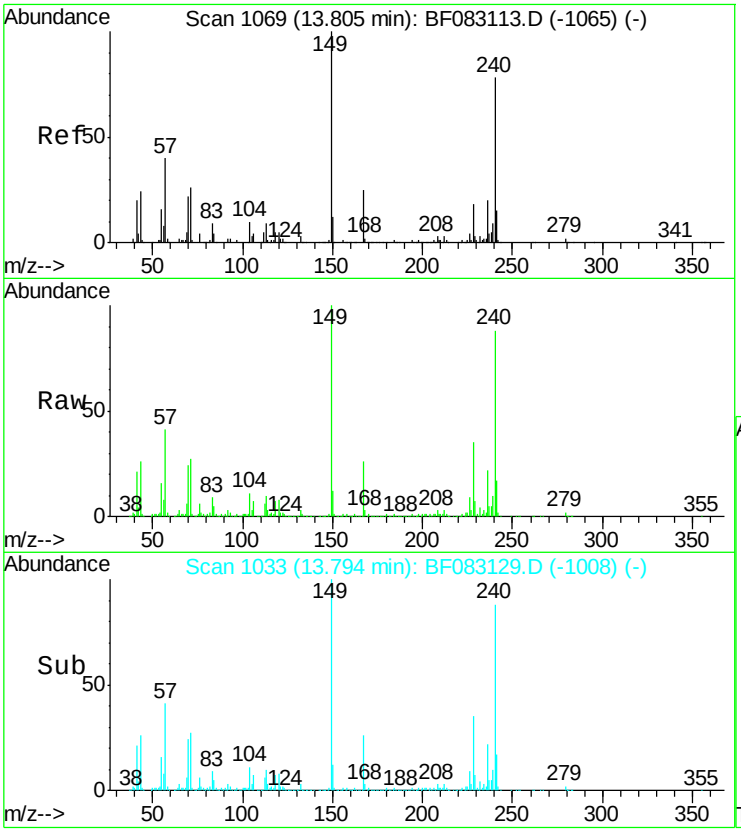




#74
Fluoranthene
Concen: 36.03 ng
RT: 12.38 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:202 Resp: 1603614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.7 | 0.0 | 32.3 |
| 203 | 17.8 | 0.0 | 38.4 |



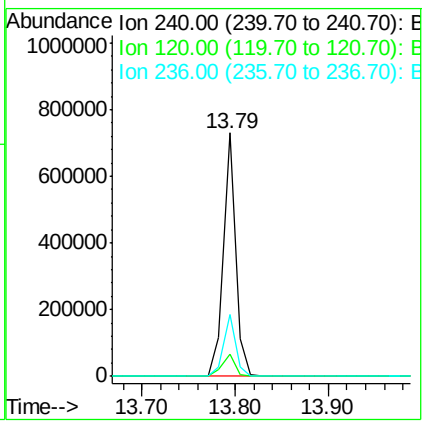


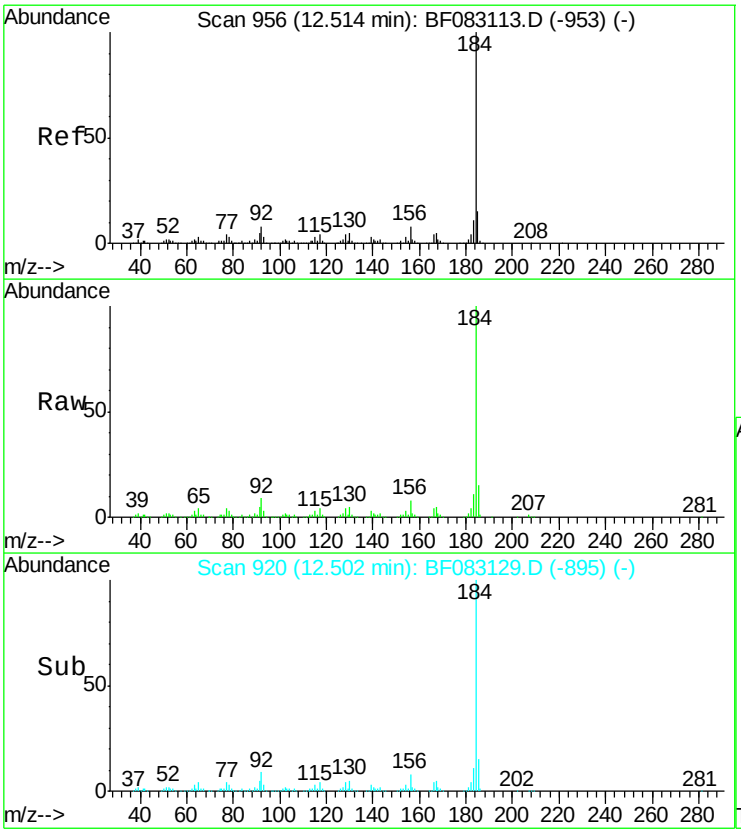

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:240 Resp: 666426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 5.4 | 8.2# |
| 236 | 25.3 | 20.6 | 31.0 |

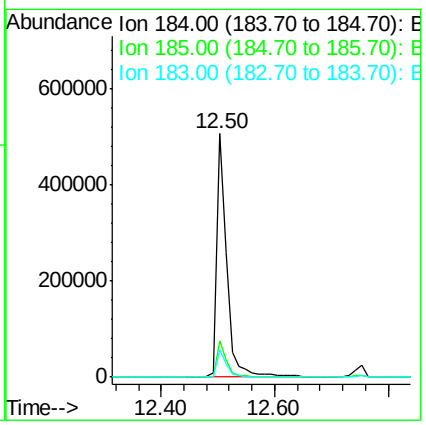


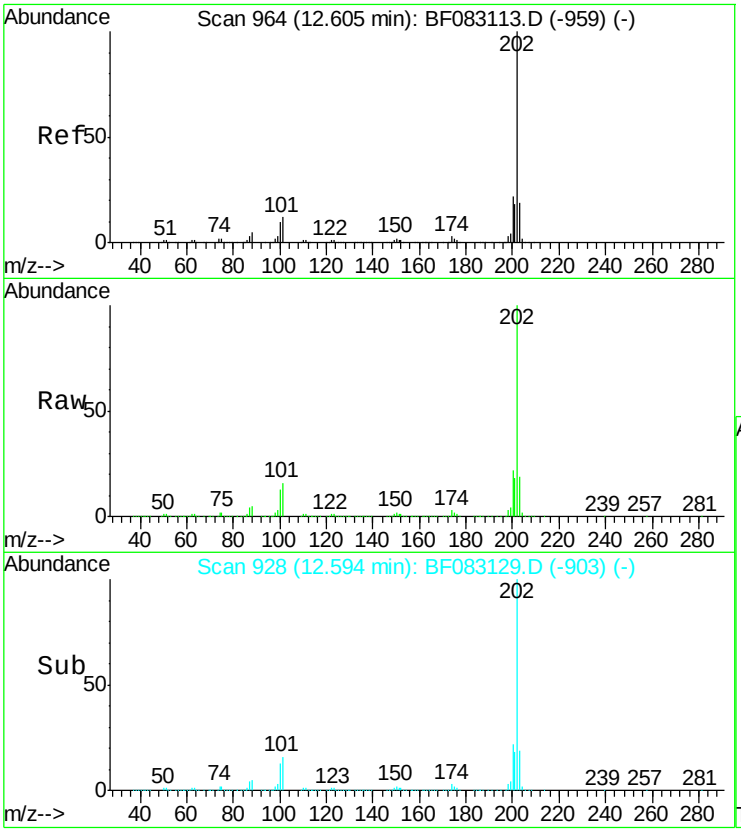




#76
Benzidine
Concen: 36.00 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:184 Resp: 628785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 11.7 | 17.5 |
| 183 | 11.1 | 8.8 | 13.2 |



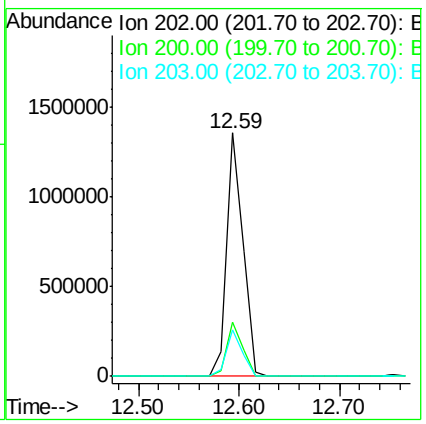


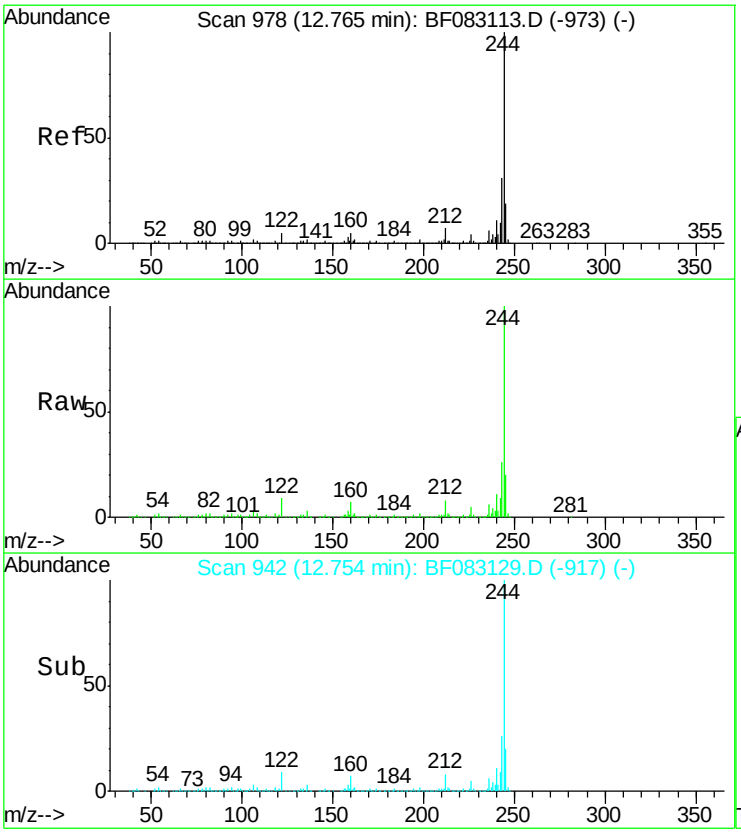

#77
Pyrene
Concen: 33.50 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:202 Resp: 1525069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.8 | 26.6 |
| 203 | 19.1 | 15.0 | 22.4 |

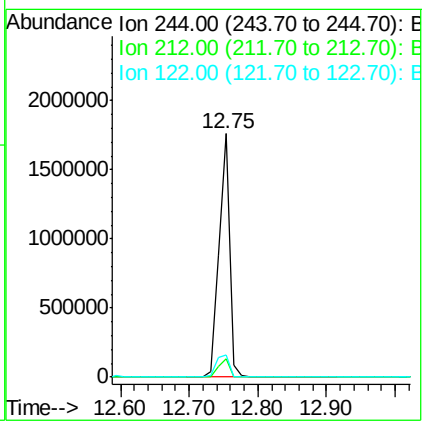


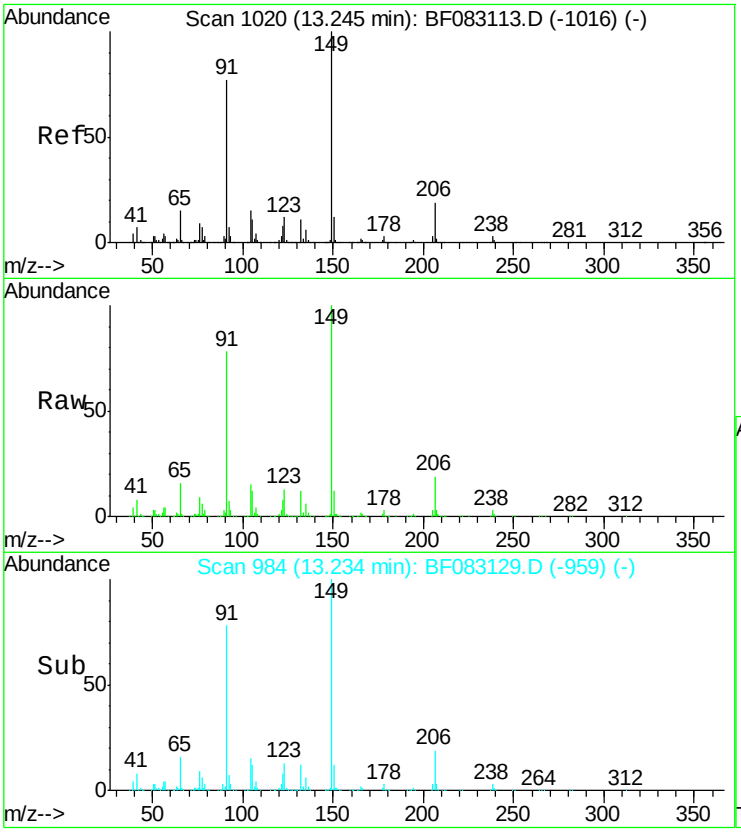




#78
Terphenyl-d14
Concen: 33.77 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:244 Resp: 1911283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.4 | 8.2 |
| 122 | 9.2 | 4.3 | 6.5# |



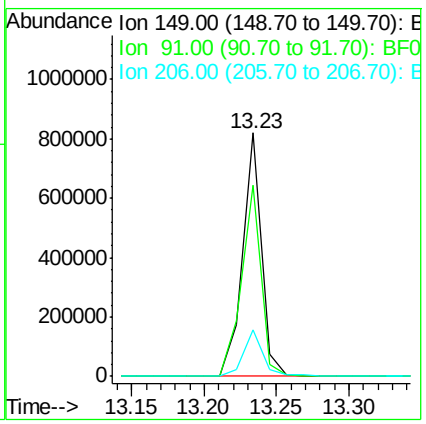


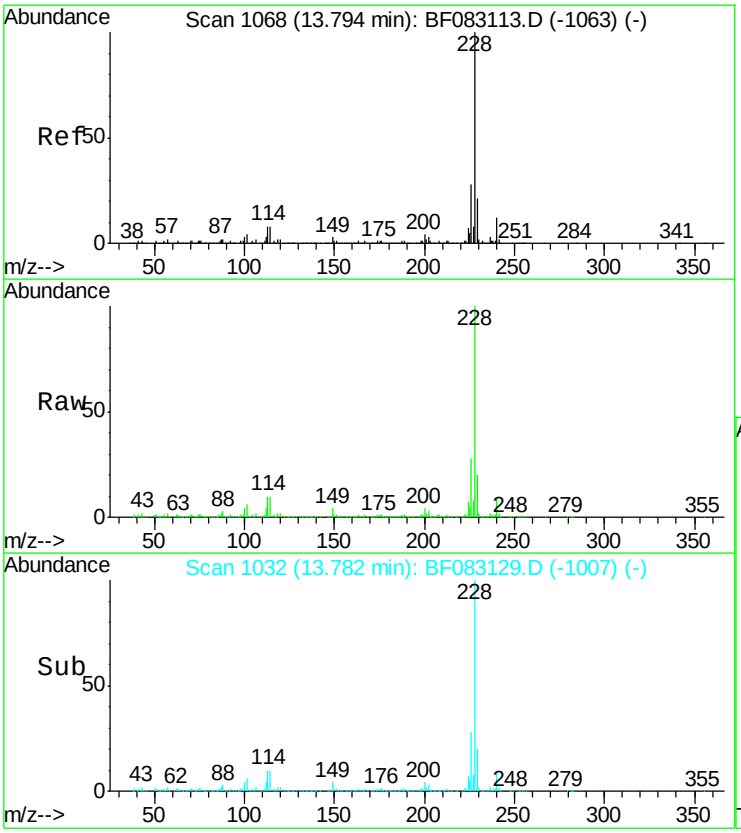

#79
Butylbenzylphthalate
Concen: 34.33 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:149 Resp: 739801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 78.3 | 61.5 | 92.3 |
| 206 | 19.3 | 15.3 | 22.9 |

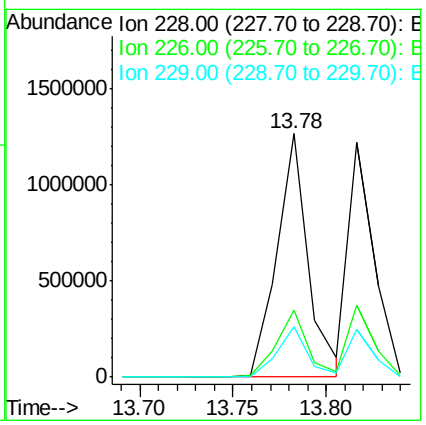


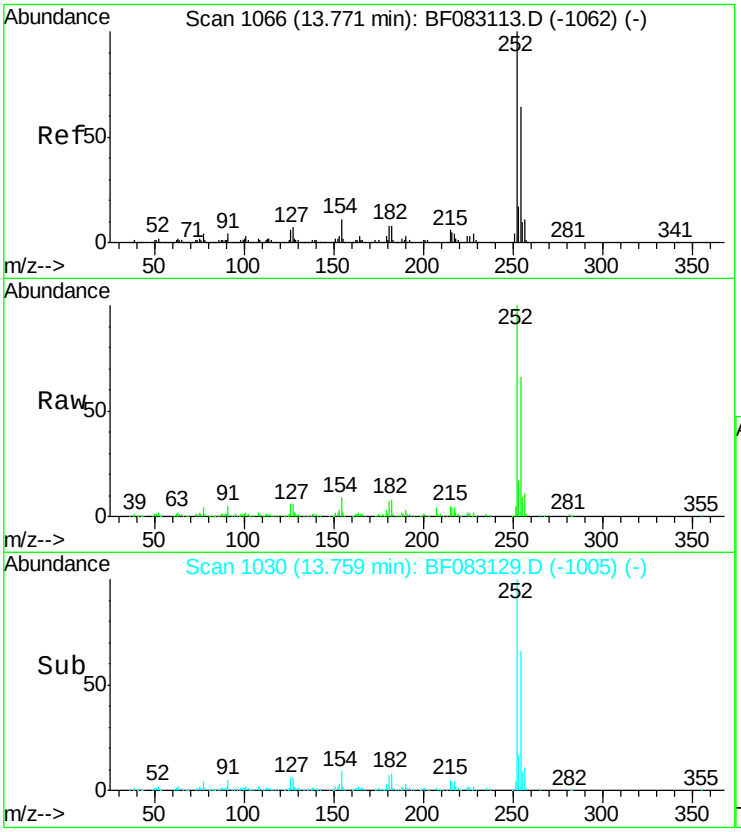




#80
Benzo(a)anthracene
Concen: 35.84 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:228 Resp: 1477124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.6 | 33.8 |
| 229 | 20.5 | 16.6 | 24.8 |



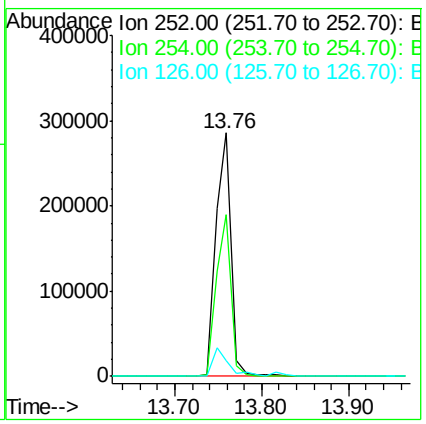


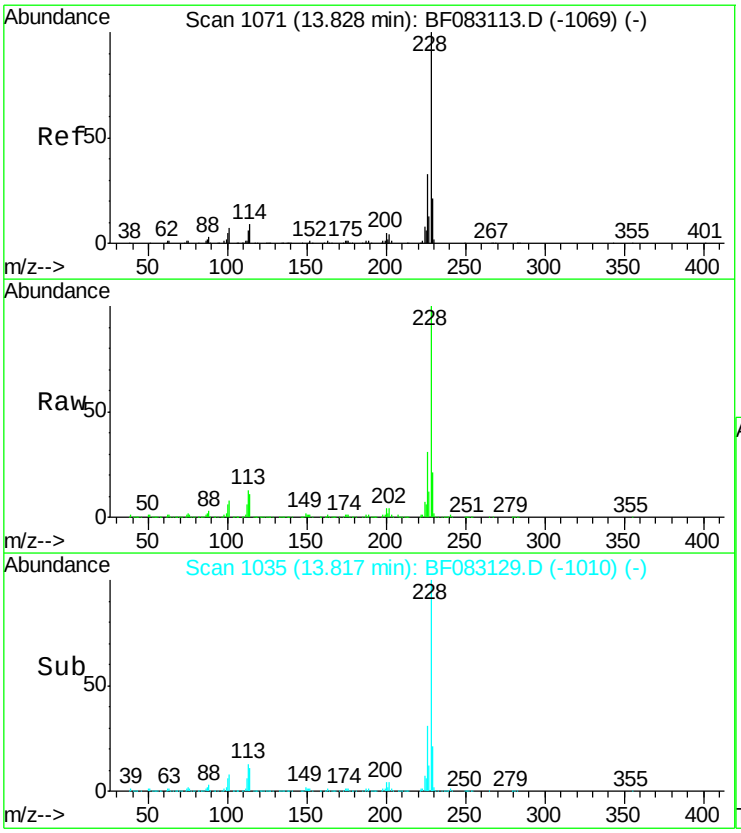

#81
3,3'-Dichlorobenzidine
Concen: 24.71 ng
RT: 13.76 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:252 Resp: 354430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.3 | 51.5 | 77.3 |
| 126 | 6.5 | 5.2 | 7.8 |

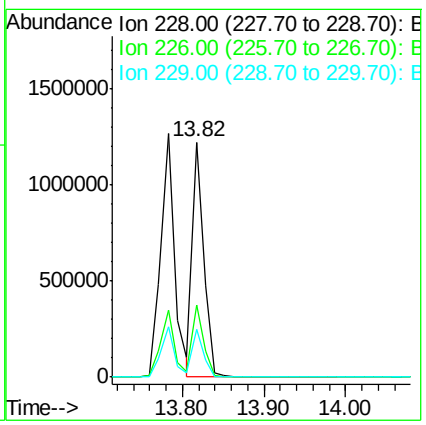


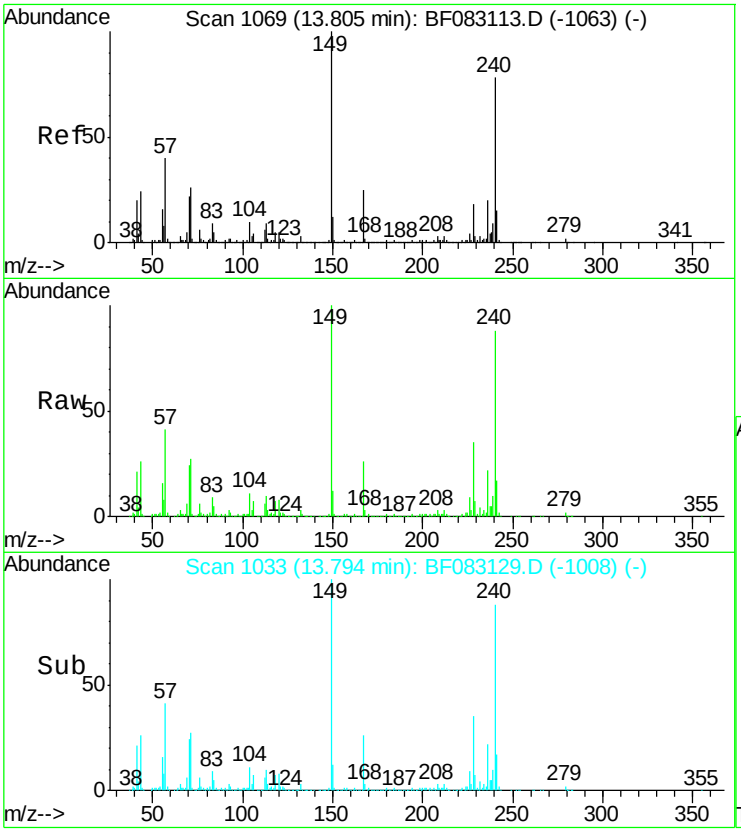




#82
Chrysene
Concen: 31.18 ng
RT: 13.82 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:228 Resp: 1191984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 25.5 | 38.3 |
| 229 | 20.5 | 16.6 | 25.0 |



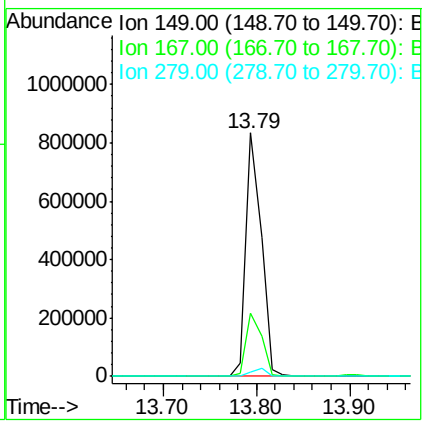


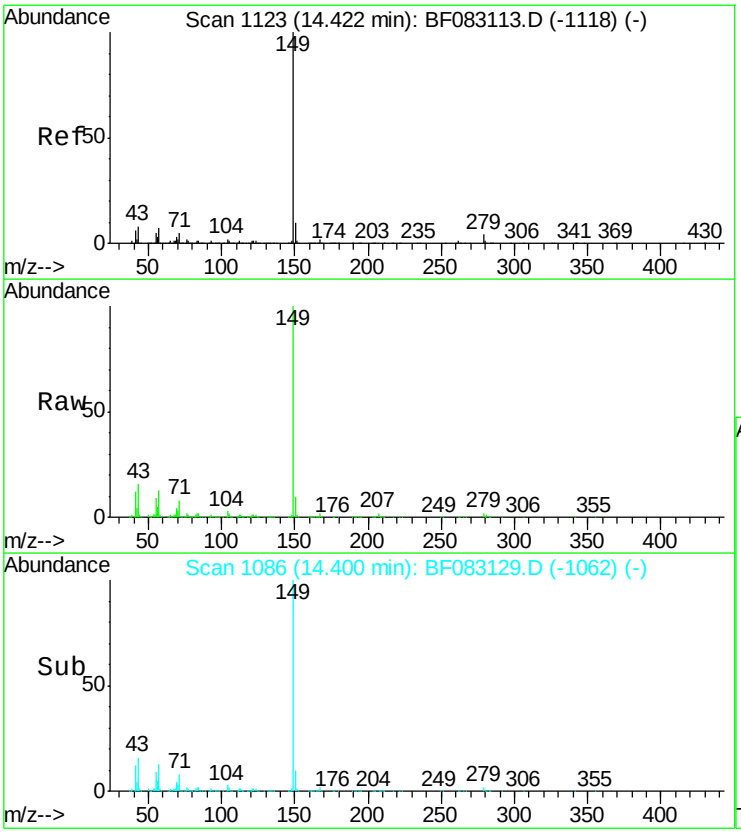

#83
Bis(2-ethylhexyl)phthalate
Concen: 33.85 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:149 Resp: 952512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 20.1 | 30.1 |
| 279 | 1.9 | 1.7 | 2.5 |

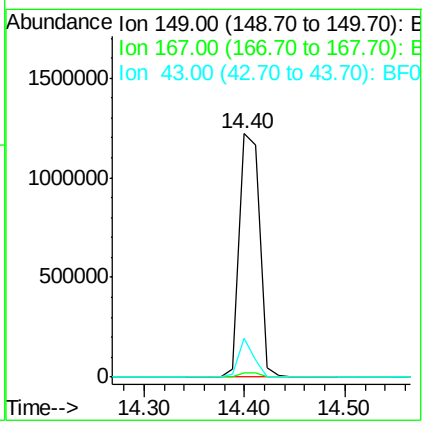


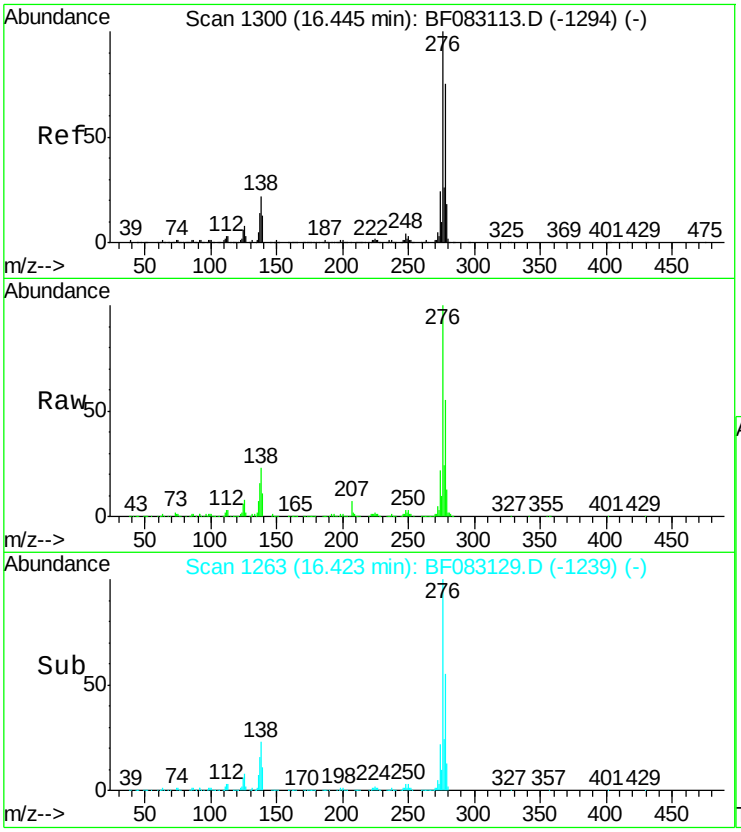




#84
Di-n-octyl phthalate
Concen: 35.25 ng
RT: 14.40 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:149 Resp: 1707655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 12.1 | 9.5 | 14.3 |



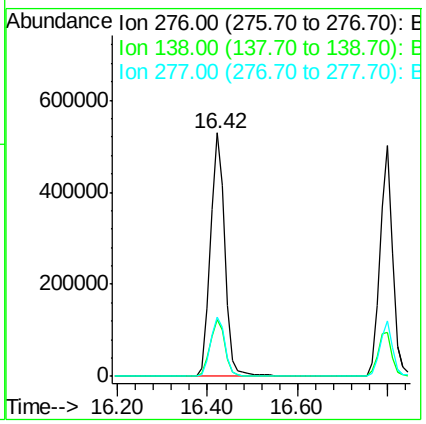


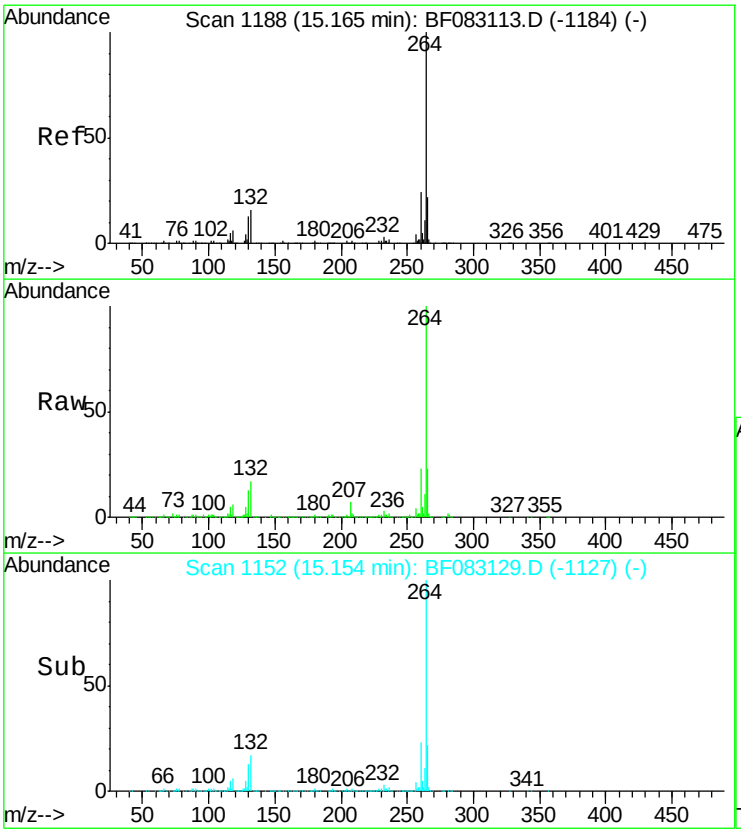

#85
Indeno(1,2,3-cd)pyrene
Concen: 33.85 ng
RT: 16.42 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:276 Resp: 1176710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.3 | 18.0 | 27.0 |
| 277 | 24.9 | 20.2 | 30.4 |

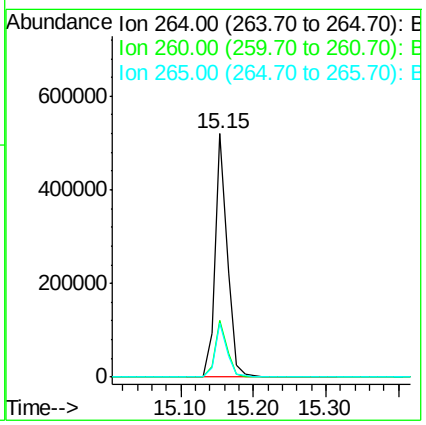


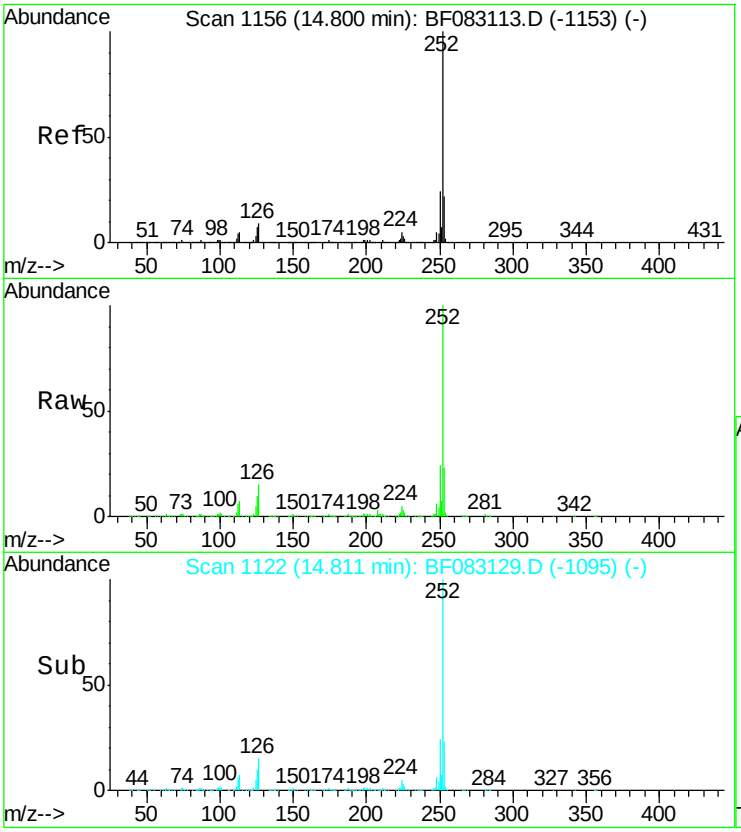




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:264 Resp: 602871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.1 | 28.7 |
| 265 | 22.5 | 18.2 | 27.4 |



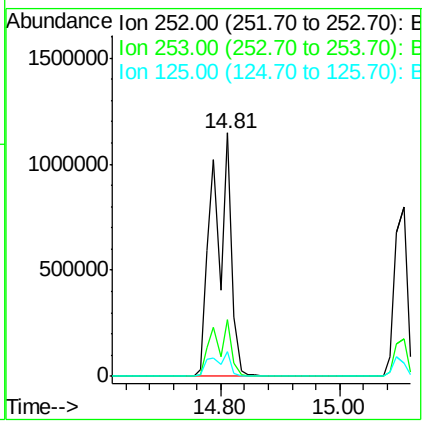


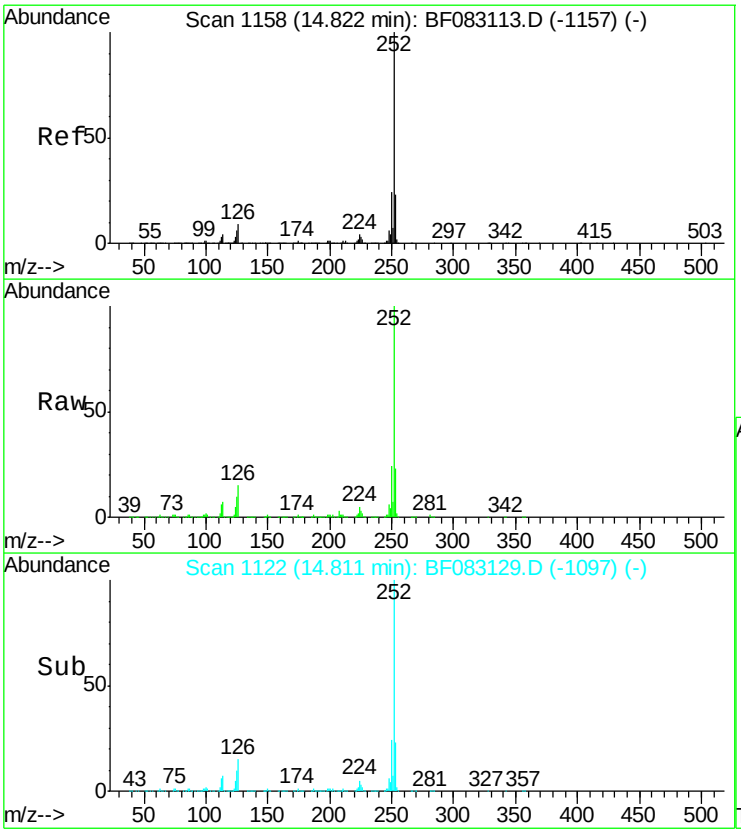

#87
Benzo(b)fluoranthene
Concen: 59.22 ng
RT: 14.81 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:252 Resp: 2439300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.7 | 26.5 |
| 125 | 10.3 | 5.6 | 8.4# |

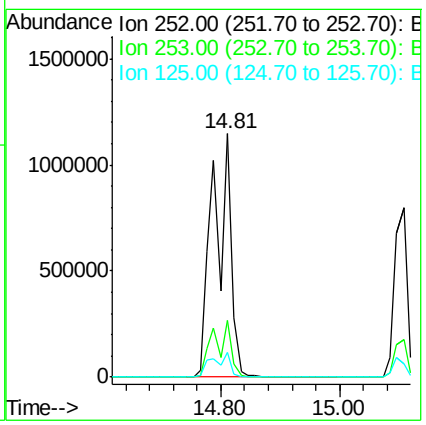


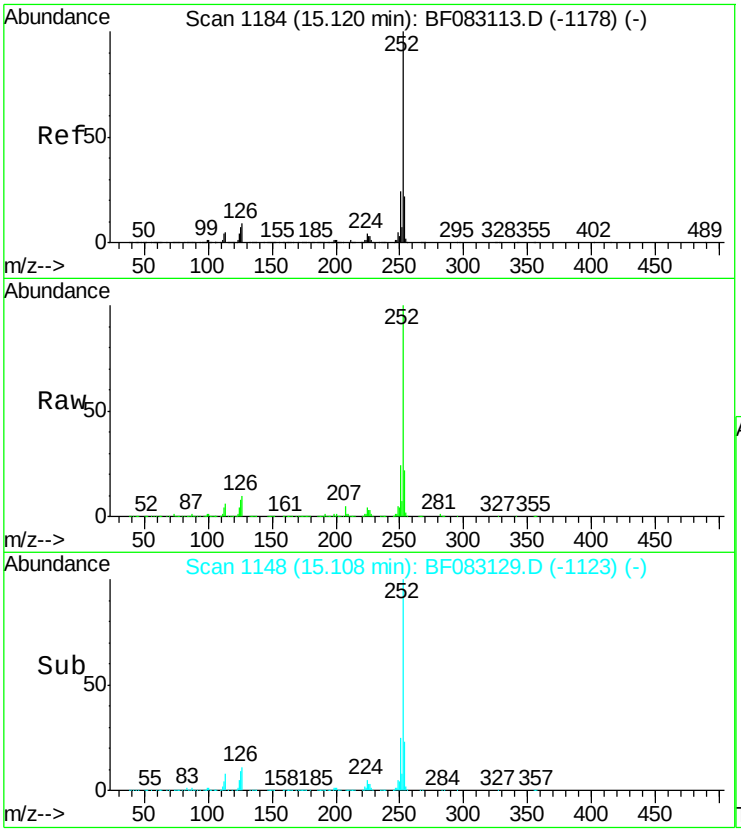




#88
Benzo(k)fluoranthene
Concen: 79.48 ng
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:252 Resp: 2439300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.2 | 27.2 |
| 125 | 10.3 | 6.8 | 10.2# |



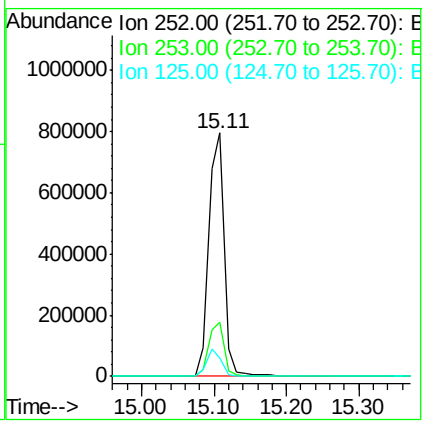


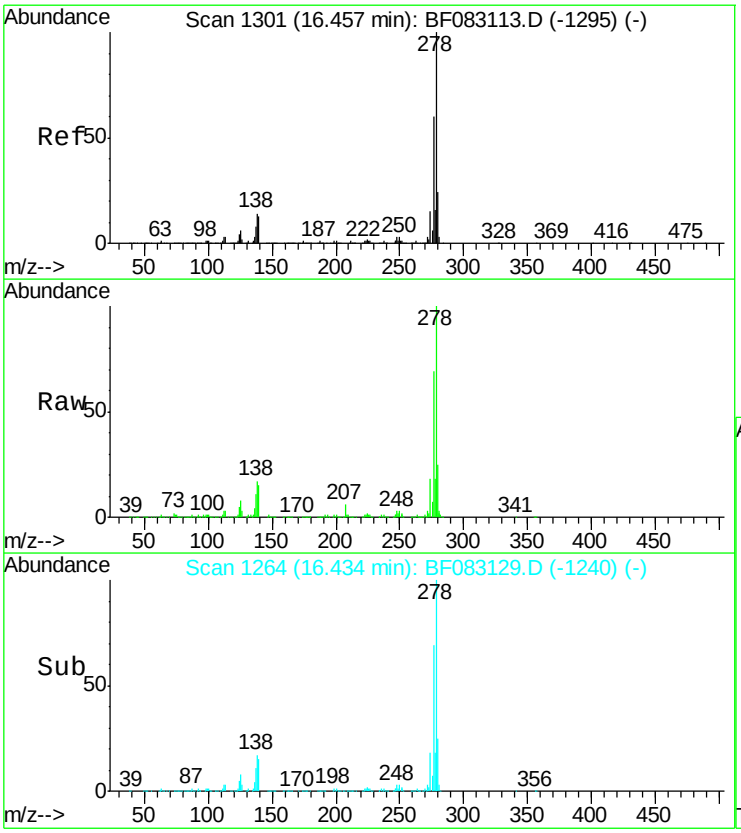

#89
Benzo(a)pyrene
Concen: 34.28 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:252 Resp: 1165788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.5 | 26.3 |
| 125 | 7.5 | 5.4 | 8.0 |

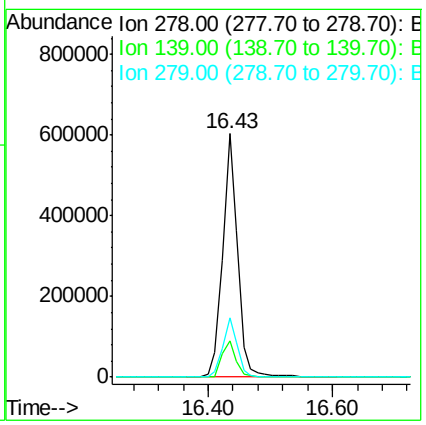


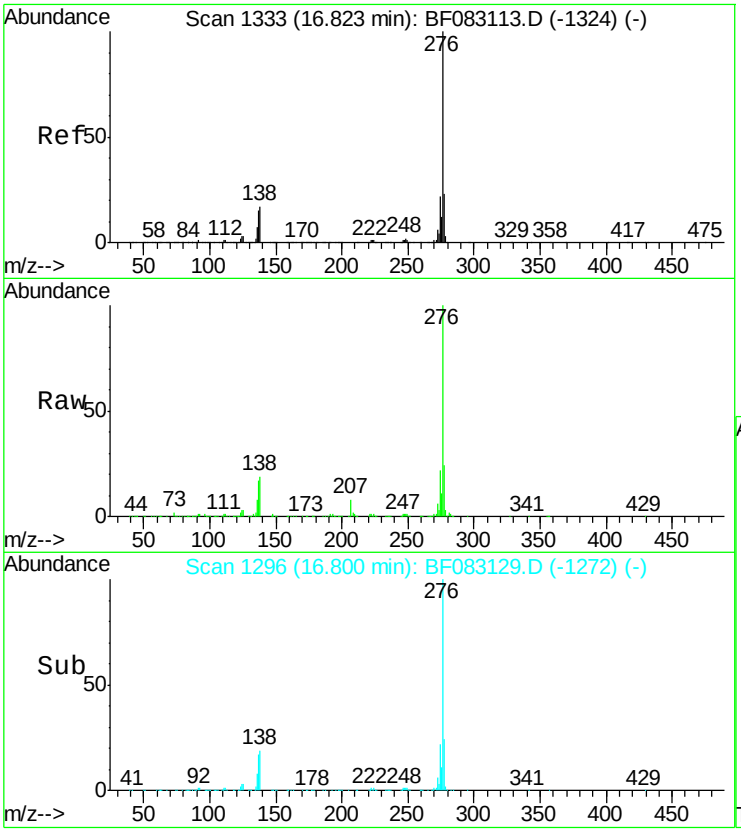




#90
Dibenzo(a,h)anthracene
Concen: 32.37 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:278 Resp: 1000126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.1 | 10.7 | 16.1 |
| 279 | 24.6 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 32.66 ng
RT: 16.80 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

**Instrument :**
BNA_F
**ClientSampleId :**
PB86781BS

Tgt Ion:276 Resp: 985028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.7 | 28.1 |
| 138 | 19.1 | 13.9 | 20.9 |