Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078417.D
Acq On : 10 Apr 2015 23:44
Operator : TP/IZ
Sample : G1744-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OS-1AMSD

Quant Time: Apr 11 00:55:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 33863 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.44 | 136 | 143761 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.59 | 164 | 74537 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.42 | 188 | 150577 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.68 | 240 | 159835 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 17.38 | 264 | 154733 | 20.00 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.12 | 112 | 264556 | 128.81 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 337484 | 131.12 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.56 | 82 | 202703 | 85.46 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.57 | 330 | 92111 | 149.00 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.78 | 172 | 411878 | 78.99 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.41 | 244 | 527939 | 74.64 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.66 | 88 | 51320 | 55.26 | ng | # | 67 |
| 3) Pyridine | 2.25 | 79 | 80258 | 32.99 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 2.19 | 42 | 35430 | 37.83 | ng | | 90 |
| 6) Aniline | 6.45 | 93 | 48503 | 13.29 | ng | # | 67 |
| 8) 2-Chlorophenol | 6.59 | 128 | 103442 | 42.59 | ng | | 99 |
| 9) Benzaldehyde | 6.29 | 77 | 62975 | 36.92 | ng | | 90 |
| 10) Phenol | 6.48 | 94 | 123837 | 40.15 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 91932 | 41.45 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 105458 | 39.53 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 106403 | 39.63 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.06 | 146 | 103409 | 41.07 | ng | | 99 |
| 15) Benzyl Alcohol | 7.06 | 79 | 82590 | 45.66 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 128403 | 43.40 | ng | | 97 |
| 17) 2-Methylphenol | 7.22 | 107 | 78016 | 41.38 | ng | | 95 |
| 18) Hexachloroethane | 7.48 | 117 | 37318 | 41.21 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70 | 70400 | 41.45 | ng | # | 85 |
| 20) 3+4-Methylphenols | 7.42 | 107 | 106759 | 42.44 | ng | | 92 |
| 22) Acetophenone | 7.38 | 105 | 142930 | 42.67 | ng | # | 92 |
| 24) Nitrobenzene | 7.58 | 77 | 105031 | 42.36 | ng | | 88 |
| 25) Isophorone | 7.88 | 82 | 183456 | 40.75 | ng | # | 91 |
| 26) 2-Nitrophenol | 7.97 | 139 | 50427 | 42.68 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 8.06 | 122 | 93825 | 42.70 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 8.18 | 93 | 120319 | 41.68 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.28 | 162 | 89590 | 44.82 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 8.37 | 180 | 92475 | 40.35 | ng | | 98 |
| 31) Naphthalene | 8.46 | 128 | 309288 | 41.33 | ng | | 99 |
| 32) Benzoic acid | 8.19 | 122 | 43775 | 43.05 | ng | | 90 |
| 33) 4-Chloroaniline | 8.56 | 127 | 42413 | 13.66 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.62 | 225 | 51494 | 40.92 | ng | | 98 |
| 35) Caprolactam | 8.97 | 113 | 26638 | 44.65 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 9.17 | 107 | 90804 | 45.02 | ng | | 96 |
| 37) 2-Methylnaphthalene | 9.32 | 142 | 207284 | 40.80 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.53 | 216 | 92469 | 40.04 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.50 | 237 | 77402 | 78.03 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078417.D
Acq On : 10 Apr 2015 23:44
Operator : TP/IZ
Sample : G1744-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OS-1AMSD

Quant Time: Apr 11 00:55:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 63457 | 43.57 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.72 | 196 | 65530 | 43.06 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.90 | 154 | 249964 | 41.00 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.92 | 162 | 197624 | 41.20 | ng | | 97 |
| 47) 2-Nitroaniline | 10.05 | 65 | 52526 | 44.26 | ng | | 91 |
| 48) Acenaphthylene | 10.42 | 152 | 323518 | 41.76 | ng | | 100 |
| 49) Dimethylphthalate | 10.30 | 163 | 255081 | 45.55 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 10.37 | 165 | 49907 | 43.32 | ng | | 92 |
| 51) Acenaphthene | 10.64 | 154 | 185555 | 42.55 | ng | | 98 |
| 52) 3-Nitroaniline | 10.57 | 138 | 27826 | 21.24 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 10.70 | 184 | 37047 | 81.78 | ng | | 97 |
| 54) Dibenzofuran | 10.85 | 168 | 283066 | 42.49 | ng | | 93 |
| 55) 4-Nitrophenol | 10.81 | 139 | 78013 | 80.84 | ng | # | 76 |
| 56) 2,4-Dinitrotoluene | 10.86 | 165 | 70450 | 47.21 | ng | | 93 |
| 57) Fluorene | 11.27 | 166 | 229726 | 42.55 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.96 | 232 | 51450 | 45.61 | ng | | 90 |
| 59) Diethylphthalate | 11.17 | 149 | 244448 | 45.27 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.29 | 204 | 109684 | 44.16 | ng | # | 86 |
| 61) 4-Nitroaniline | 11.32 | 138 | 49559 | 37.42 | ng | | 89 |
| 62) Azobenzene | 11.48 | 77 | 246158 | 49.95 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 11.36 | 198 | 30457 | 42.04 | ng | # | 75 |
| 65) n-Nitrosodiphenylamine | 11.44 | 169 | 203214 | 39.02 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.88 | 248 | 65097 | 40.82 | ng | | 97 |
| 67) Hexachlorobenzene | 11.94 | 284 | 69669 | 39.87 | ng | # | 92 |
| 68) Atrazine | 12.12 | 200 | 71700 | 47.53 | ng | | 98 |
| 69) Pentachlorophenol | 12.19 | 266 | 67241 | 86.12 | ng | | 98 |
| 70) Phenanthrene | 12.44 | 178 | 338905 | 38.91 | ng | | 100 |
| 71) Anthracene | 12.51 | 178 | 350501 | 40.84 | ng | | 100 |
| 72) Carbazole | 12.73 | 167 | 340301 | 42.31 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.20 | 149 | 418342 | 45.91 | ng | # | 99 |
| 74) Fluoranthene | 13.91 | 202 | 383750 | 41.78 | ng | | 99 |
| 76) Benzidine | 14.11 | 184 | 148950 | 24.20 | ng | | 97 |
| 77) Pyrene | 14.18 | 202 | 390474 | 38.92 | ng | | 97 |
| 79) Butylbenzylphthalate | 15.04 | 149 | 187748 | 49.09 | ng | | 88 |
| 80) Benzo(a)anthracene | 15.67 | 228 | 376396 | 39.58 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 15.65 | 252 | 76592 | 24.05 | ng | # | 97 |
| 82) Chrysene | 15.71 | 228 | 357920 | 40.06 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 15.76 | 149 | 279548 | 46.61 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 16.55 | 149 | 485381 | 49.28 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.64 | 276 | 412900 | 40.73 | ng | # | 87 |
| 87) Benzo(b)fluoranthene | 16.95 | 252 | 399398 | 41.76 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 16.95 | 252 | 399398 | 47.00 | ng | | 98 |
| 89) Benzo(a)pyrene | 17.32 | 252 | 354634 | 42.49 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 18.66 | 278 | 336351 | 40.25 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 18.98 | 276 | 337598 | 40.30 | ng | | 99 |

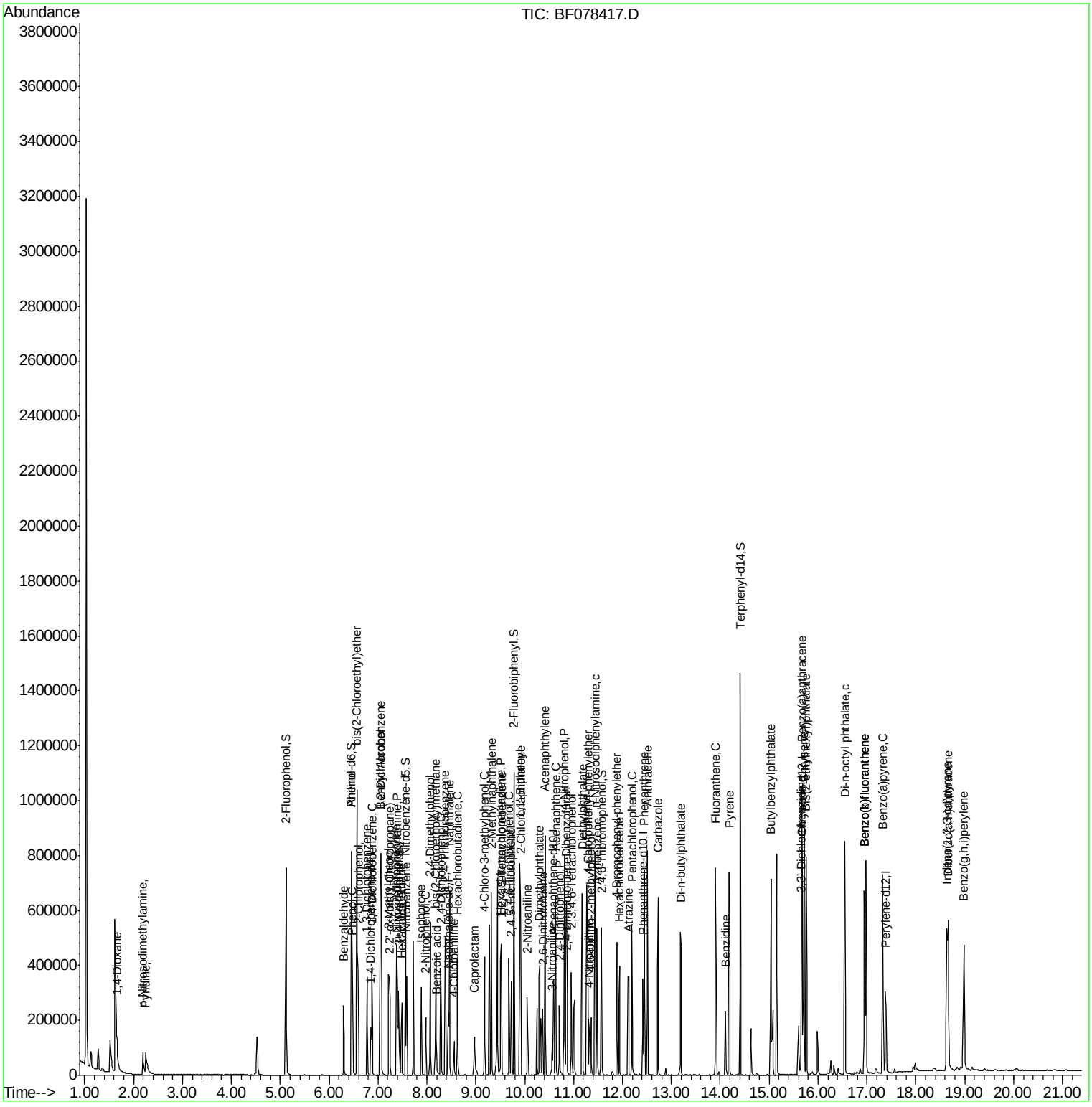
(#) = qualifier out of range (m) = manual integration (+) = signals summed

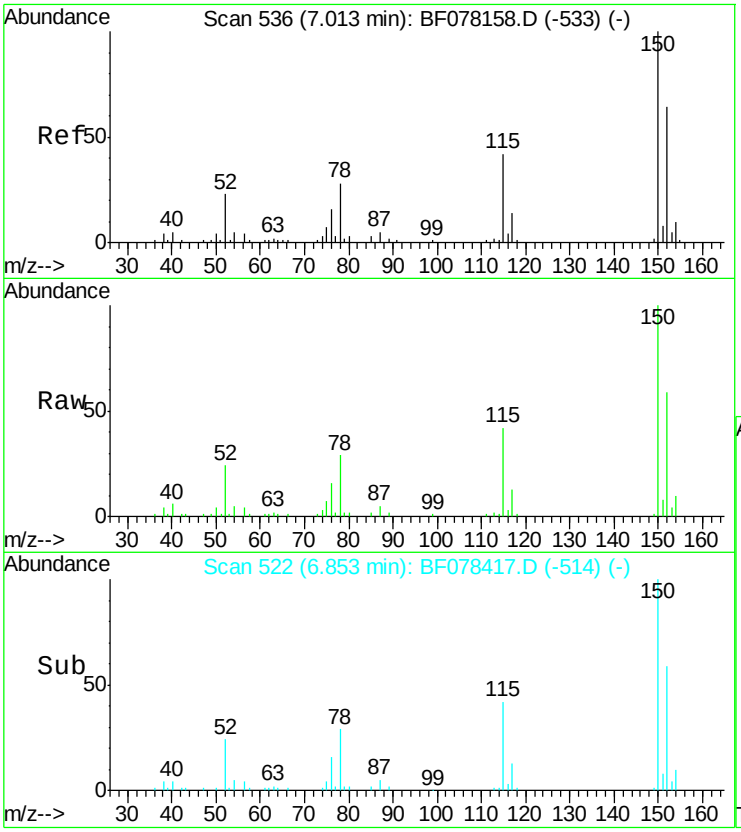
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078417.D
Acq On : 10 Apr 2015 23:44
Operator : TP/IZ
Sample : G1744-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Quant Time: Apr 11 00:55:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration



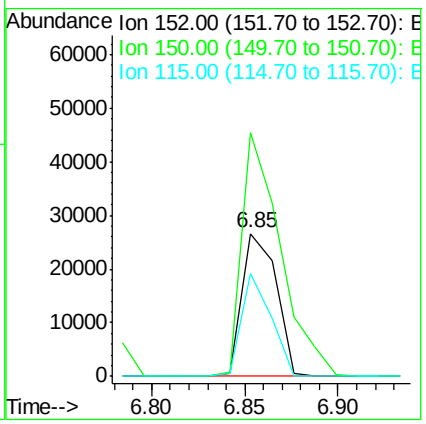


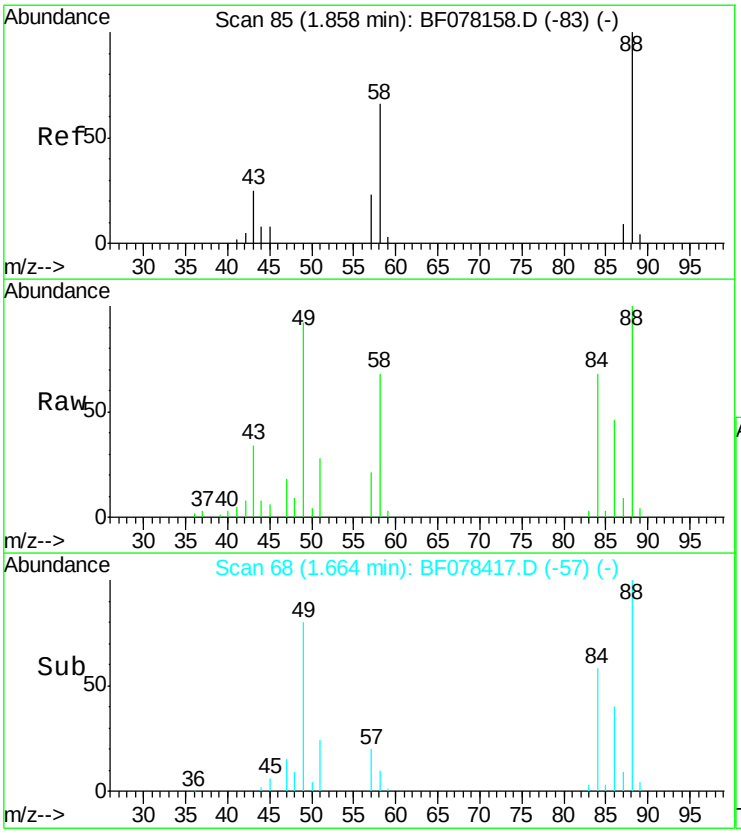

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:152 Resp: 33863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 170.5 | 125.9 | 188.9 |
| 115 | 72.0 | 52.7 | 79.1 |

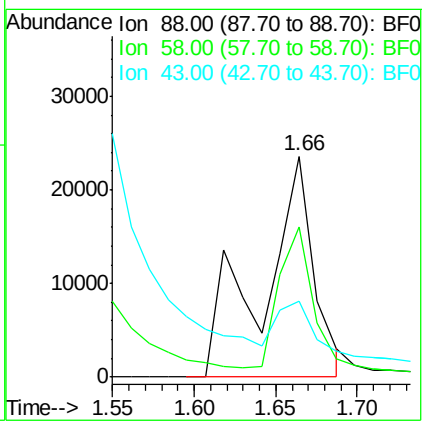


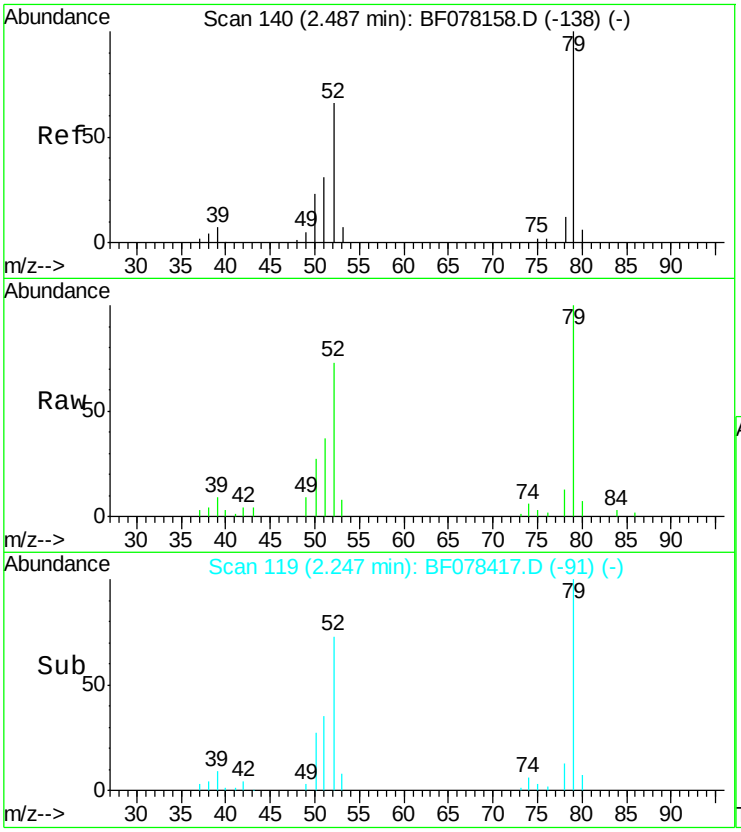




#2
1,4-Dioxane
Concen: 55.26 ng
RT: 1.66 min Scan# 68
Delta R.T. 0.02 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 88 Resp: 51320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 41.4 | 56.9 | 85.3# |
| 43 | 14.6 | 21.4 | 32.2# |



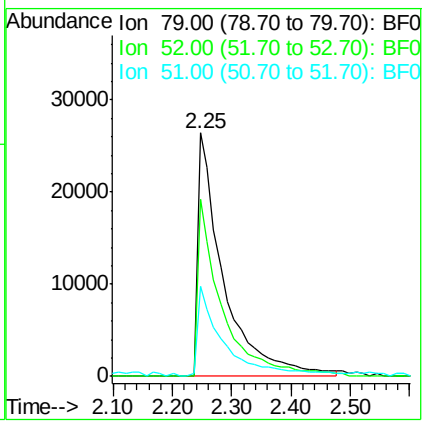


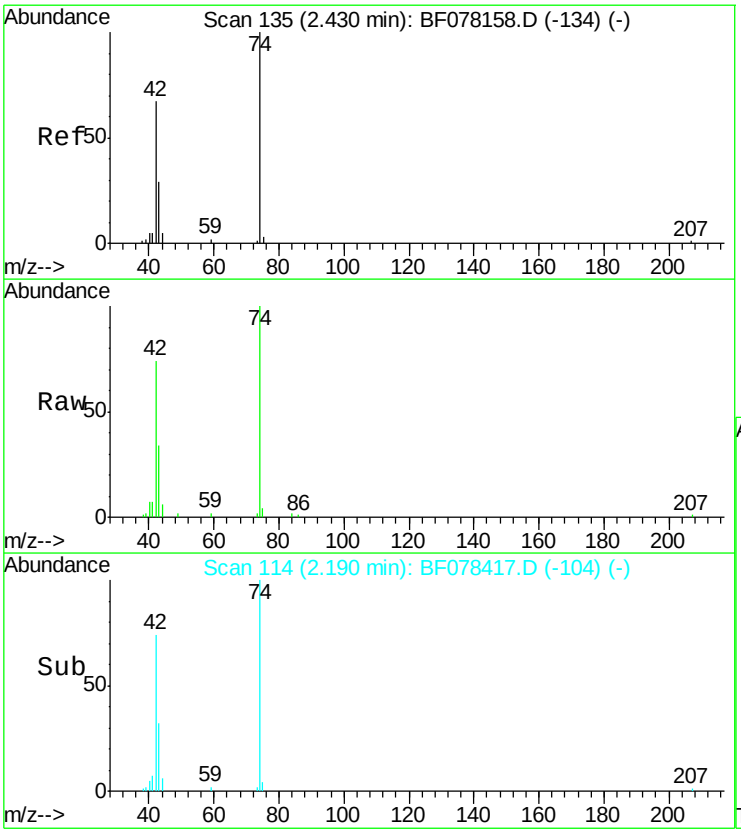

#3
Pyridine
Concen: 32.99 ng
RT: 2.25 min Scan# 119
Delta R.T. 0.02 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 79 Resp: 80258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.6 | 52.4 | 78.6 |
| 51 | 36.9 | 24.9 | 37.3 |

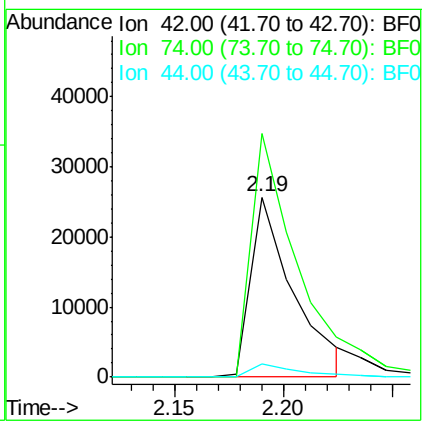


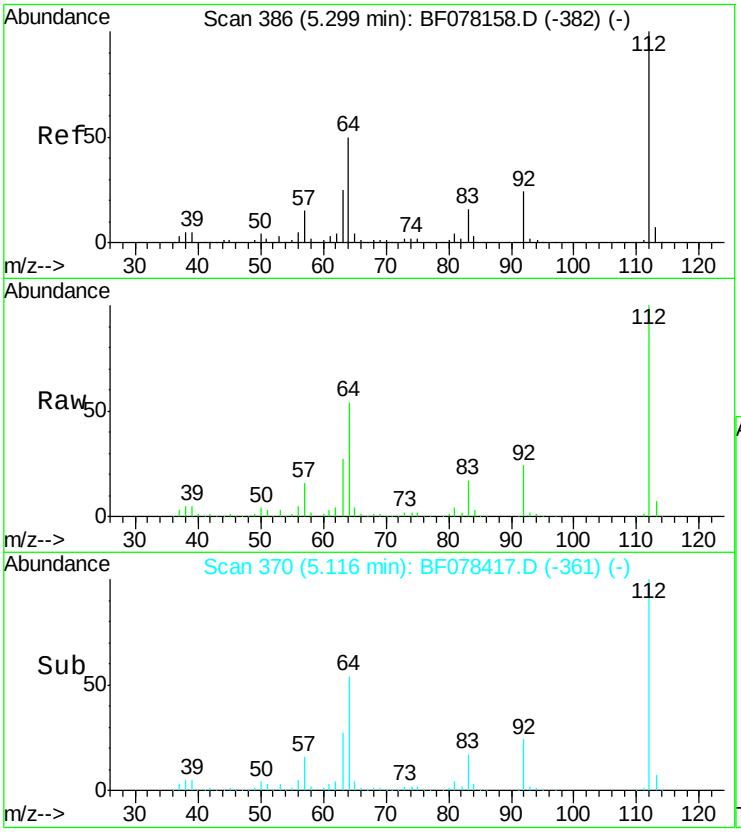




#4
n-Nitrosodimethylamine
Concen: 37.83 ng
RT: 2.19 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 42 Resp: 35430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 135.3 | 118.7 | 178.1 |
| 44 | 7.7 | 5.9 | 8.9 |



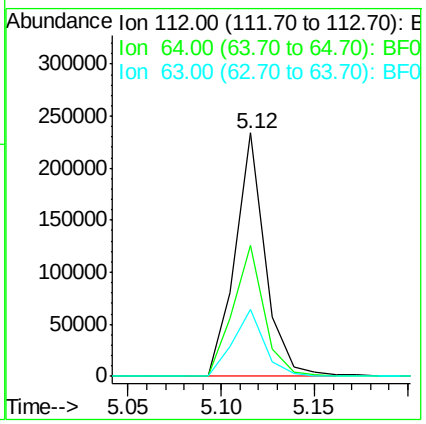


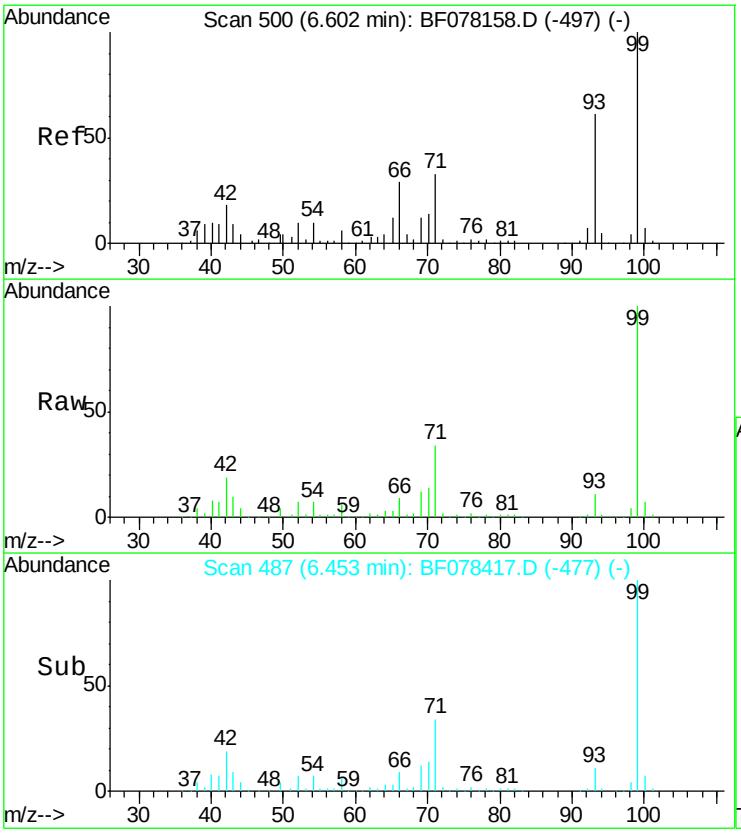

#5
2-Fluorophenol
Concen: 128.81 ng
RT: 5.12 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:112 Resp: 264556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.9 | 39.9 | 59.9 |
| 63 | 27.3 | 20.2 | 30.4 |

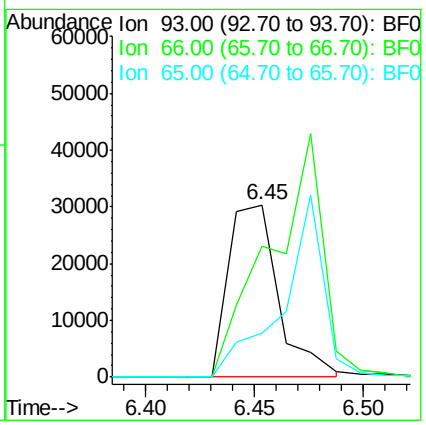


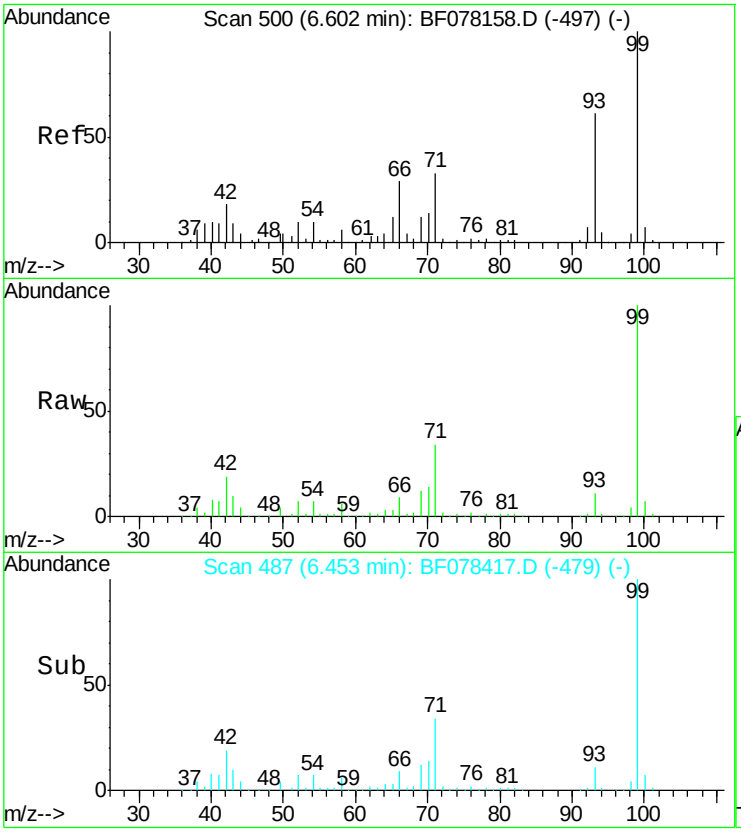




#6
Aniline
Concen: 13.29 ng
RT: 6.45 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 93 Resp: 48503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 76.4 | 38.0 | 57.0# |
| 65 | 25.3 | 16.3 | 24.5# |



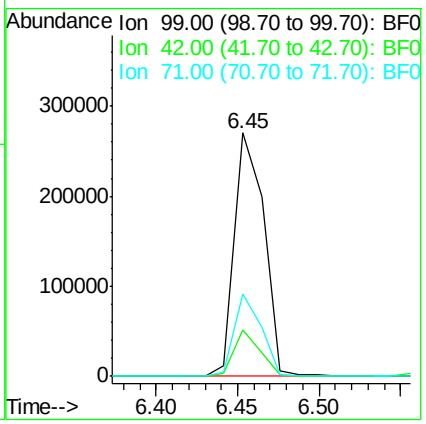


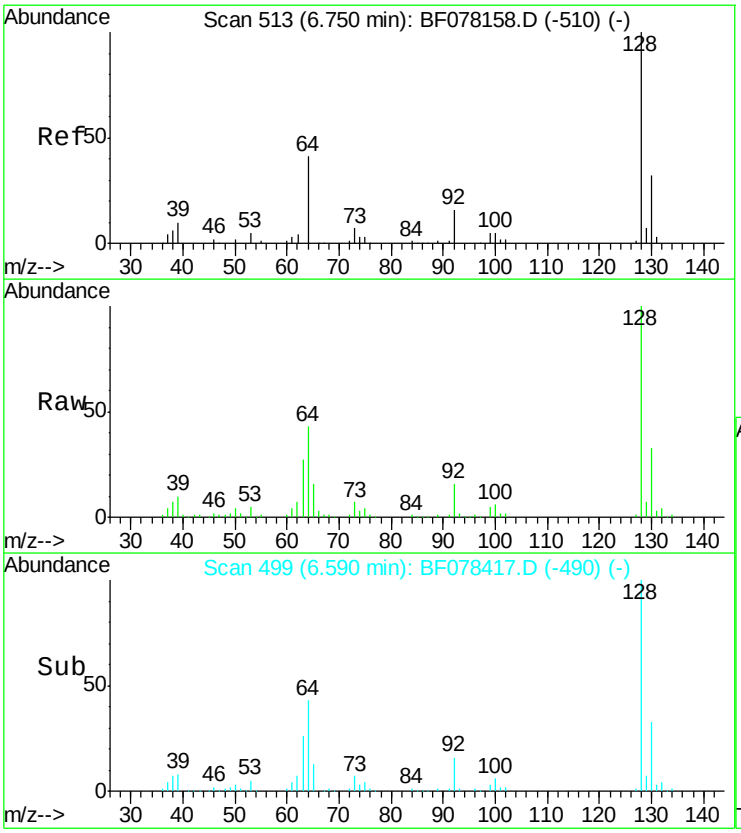

#7
Phenol-d6
Concen: 131.12 ng
RT: 6.45 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 99 Resp: 337484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.3 | 14.8 | 22.2 |
| 71 | 34.0 | 26.6 | 39.8 |

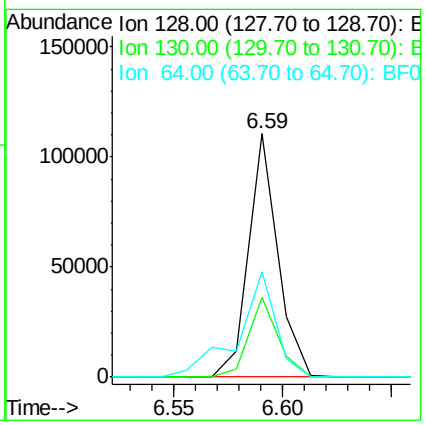


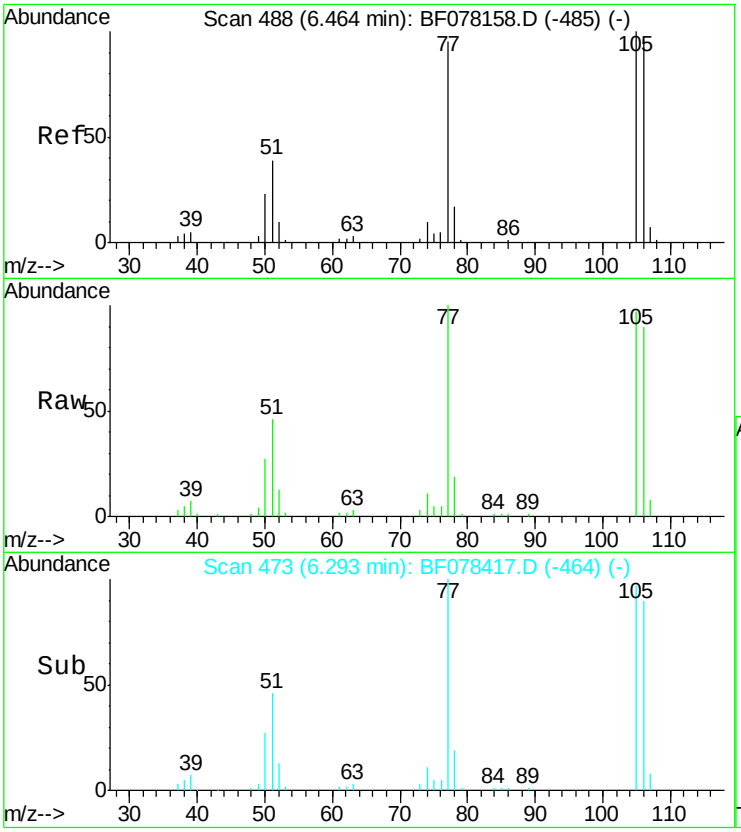




#8
2-Chlorophenol
Concen: 42.59 ng
RT: 6.59 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:128 Resp: 103442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.3 | 52.3 |
| 64 | 43.2 | 23.8 | 63.8 |



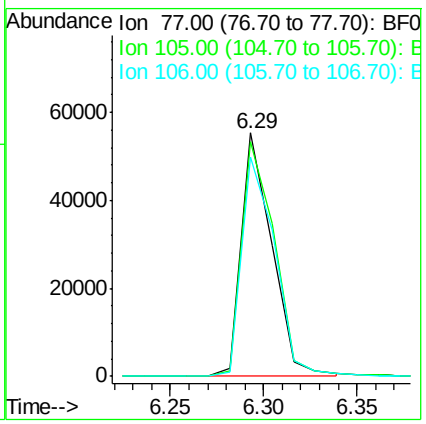


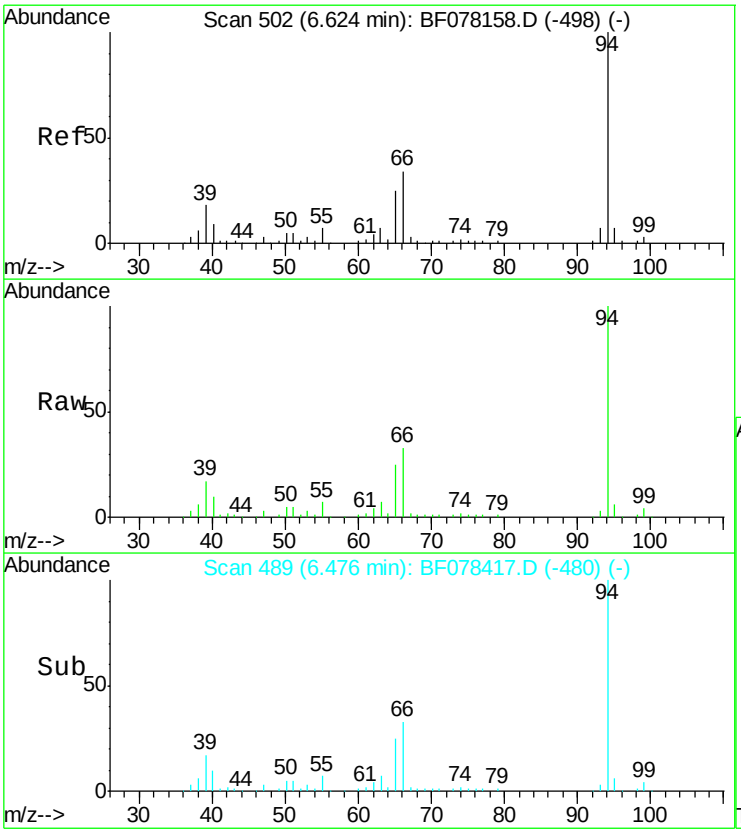

#9
Benzaldehyde
Concen: 36.92 ng
RT: 6.29 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 77 Resp: 62975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.5 | 85.4 | 125.4 |
| 106 | 90.1 | 80.8 | 120.8 |

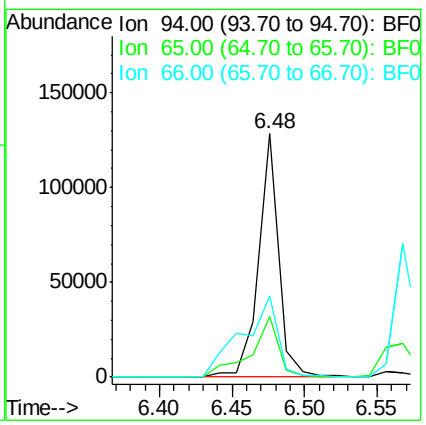


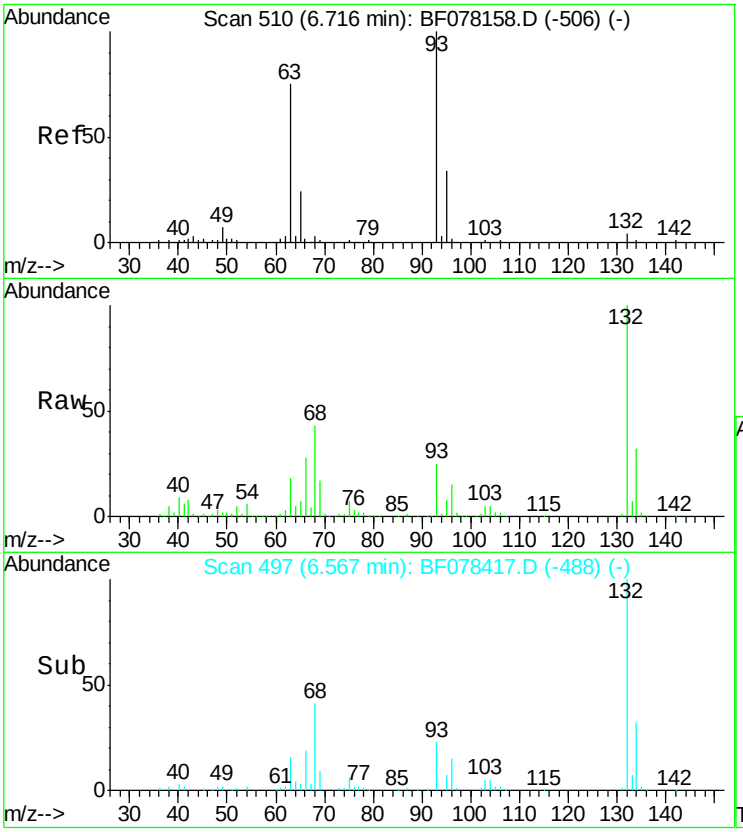




#10
Phenol
Concen: 40.15 ng
RT: 6.48 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 94 Resp: 123837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.1 | 4.9 | 44.9 |
| 66 | 33.4 | 13.8 | 53.8 |



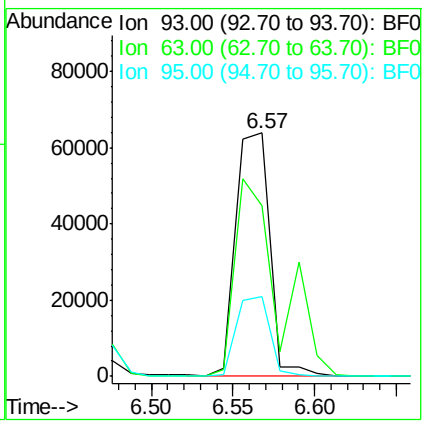


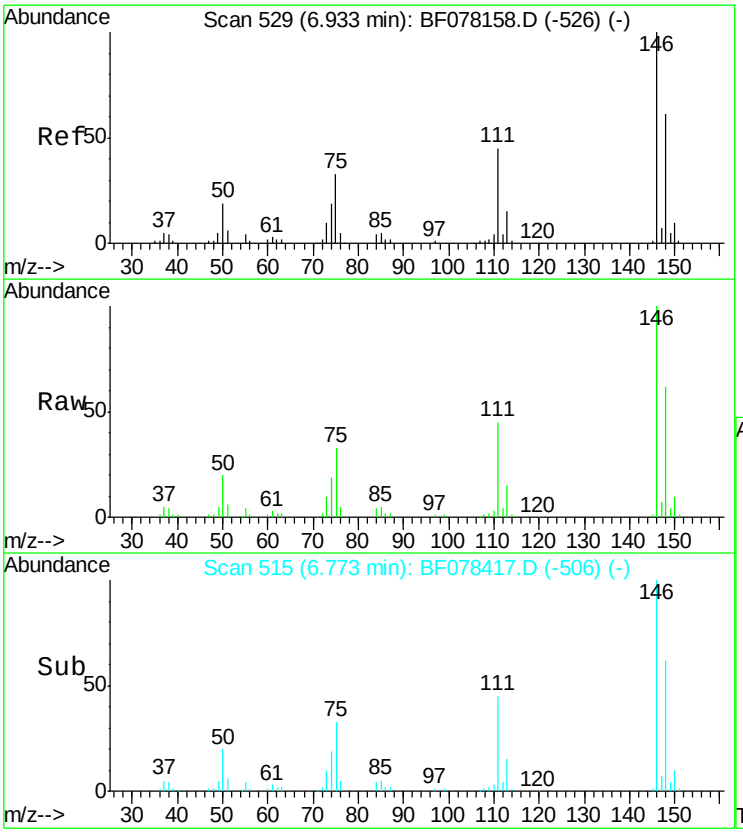

#11
bis(2-Chloroethyl)ether
Concen: 41.45 ng
RT: 6.57 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 93 Resp: 91932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.3 | 54.6 | 94.6 |
| 95 | 32.6 | 13.6 | 53.6 |

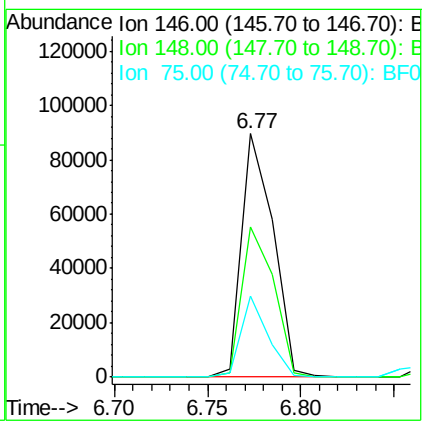


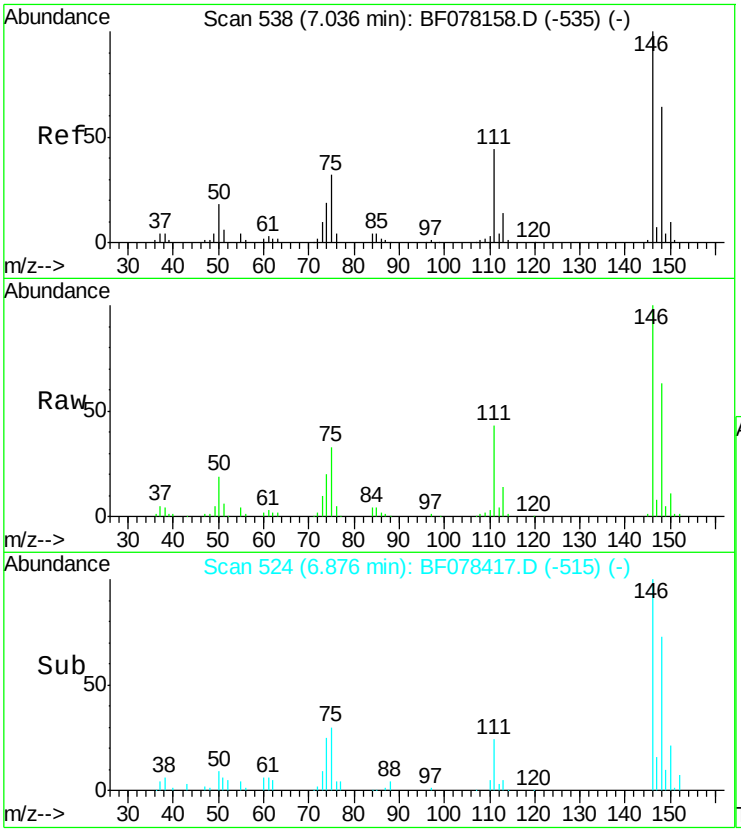




#12
1,3-Dichlorobenzene
Concen: 39.53 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:146 Resp: 105458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.5 | 49.1 | 73.7 |
| 75 | 33.2 | 26.6 | 40.0 |



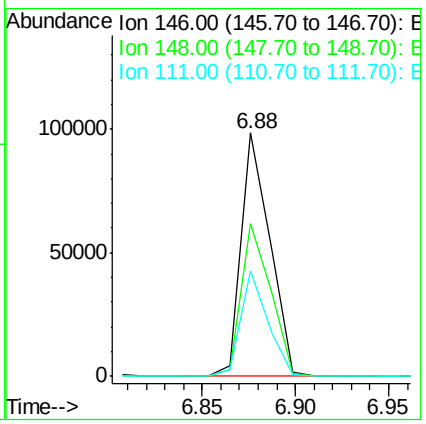


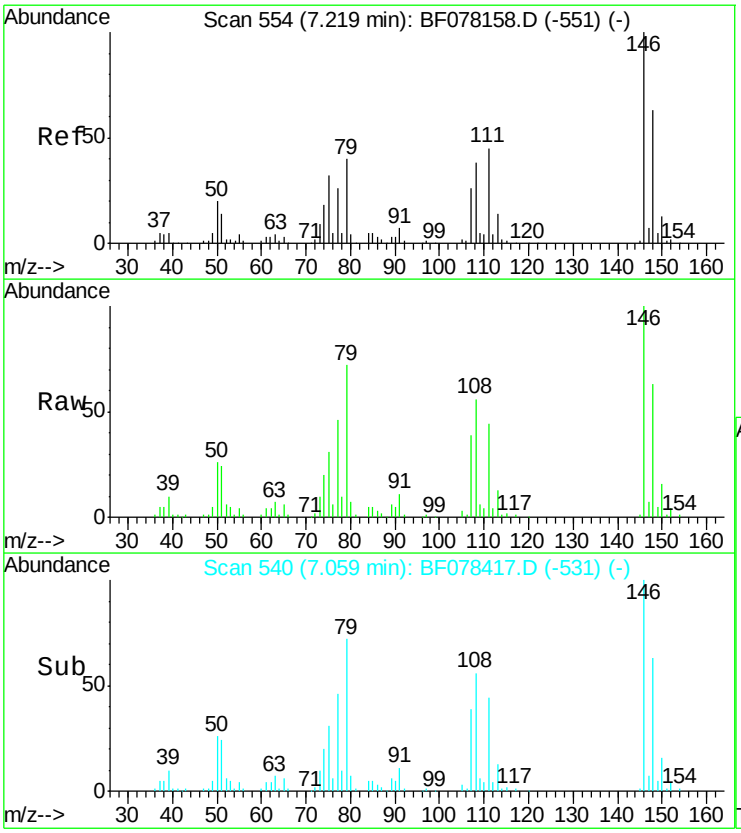

#13
1,4-Dichlorobenzene
Concen: 39.63 ng
RT: 6.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:146 Resp: 106403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 51.4 | 77.0 |
| 111 | 43.3 | 35.0 | 52.4 |

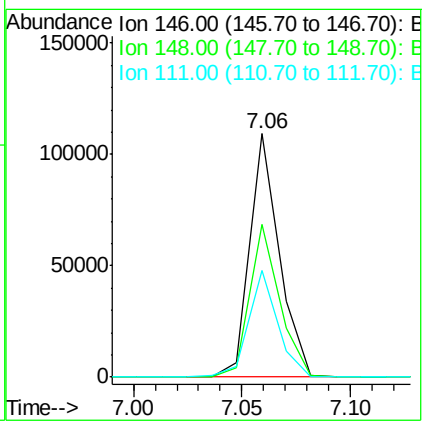


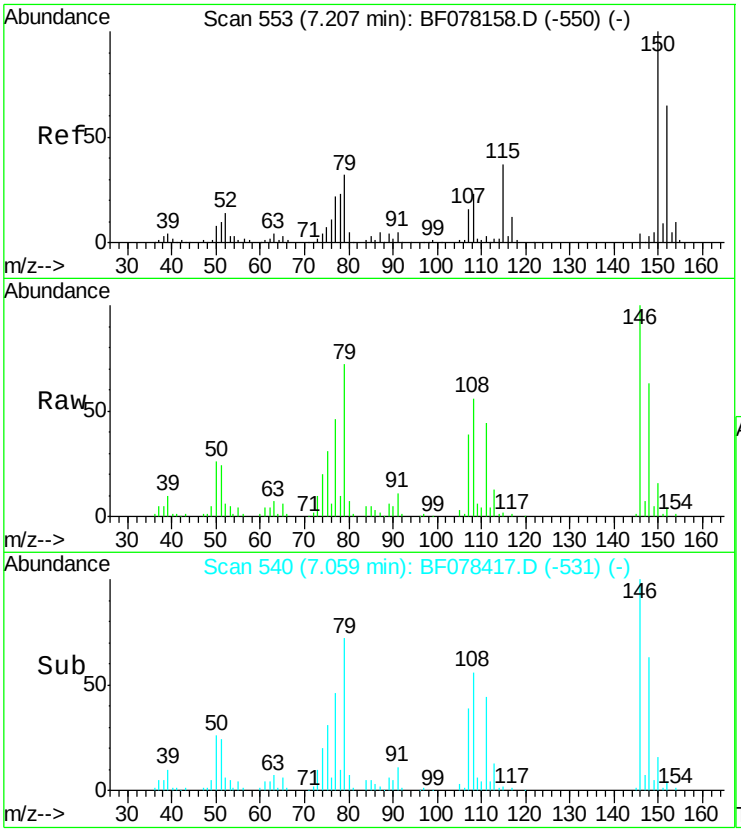




#14
1,2-Dichlorobenzene
Concen: 41.07 ng
RT: 7.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:146 Resp: 103409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.2 | 75.4 |
| 111 | 43.7 | 36.1 | 54.1 |



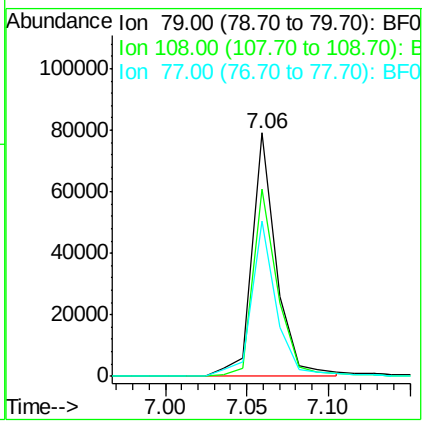


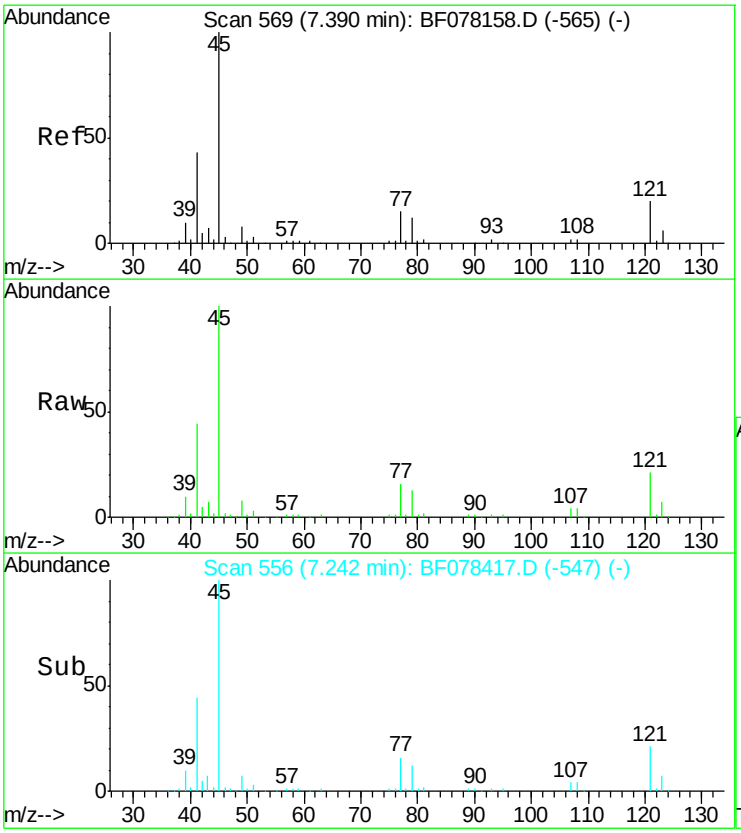

#15
Benzyl Alcohol
Concen: 45.66 ng
RT: 7.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 79 Resp: 82590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.1 | 57.6 | 86.4 |
| 77 | 64.0 | 53.5 | 80.3 |

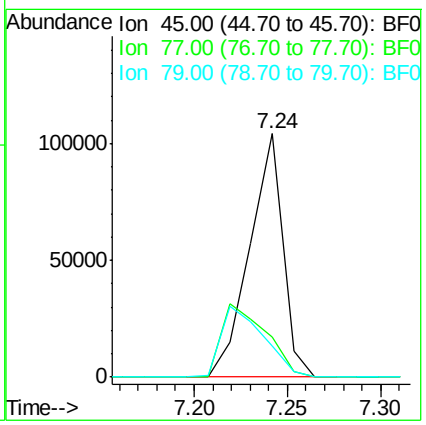


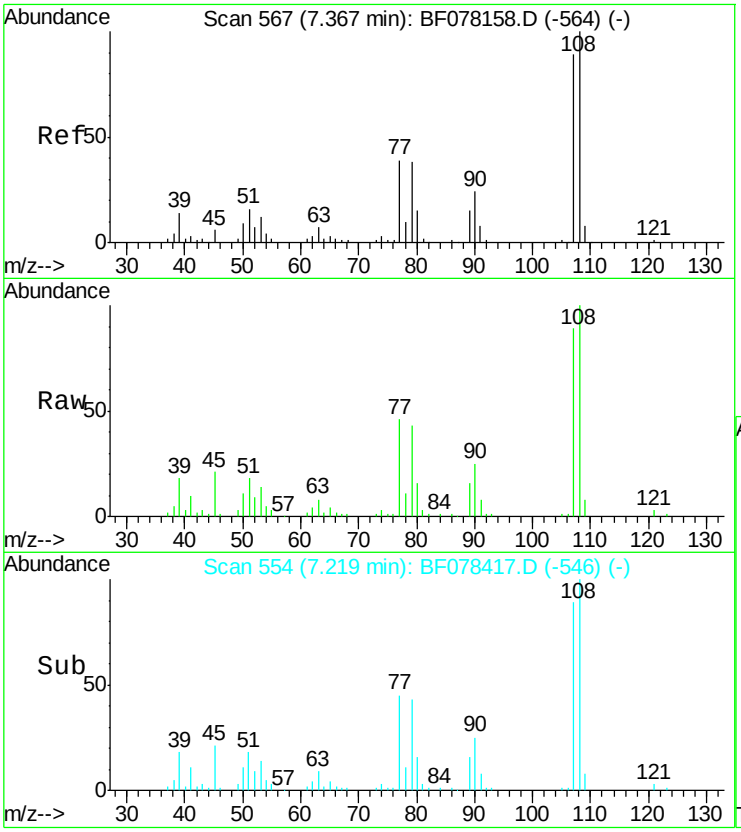




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.40 ng
RT: 7.24 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 45 Resp: 128403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.3 | 0.0 | 34.5 |
| 79 | 12.8 | 0.0 | 31.9 |



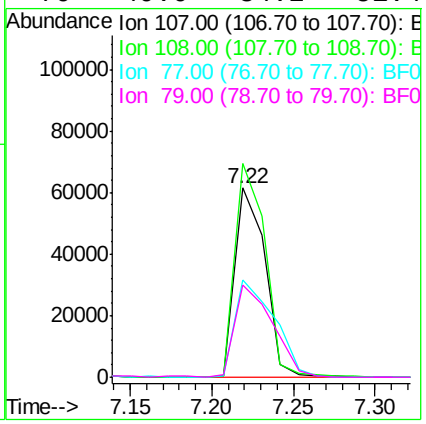


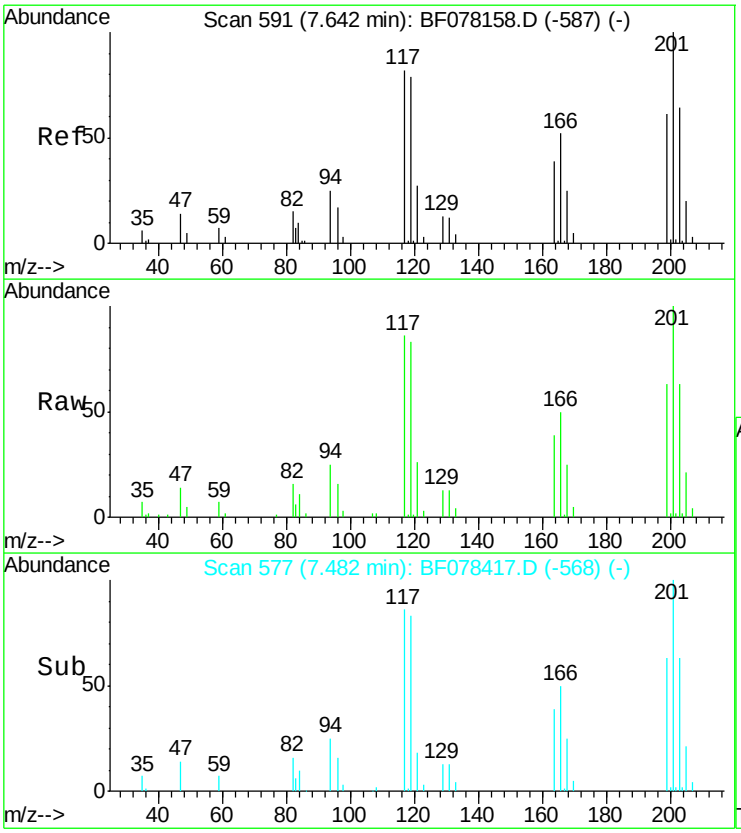

#17
2-Methylphenol
Concen: 41.38 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:107 Resp: 78016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.9 | 90.3 | 135.5 |
| 77 | 51.5 | 35.5 | 53.3 |
| 79 | 49.0 | 34.2 | 51.4 |

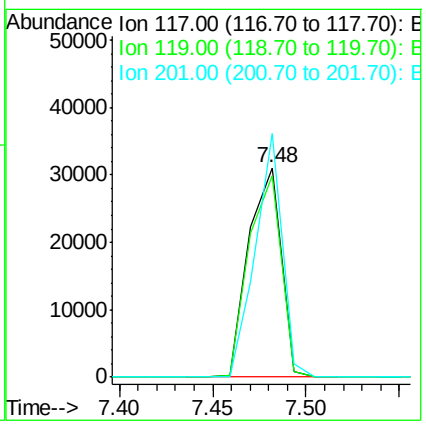


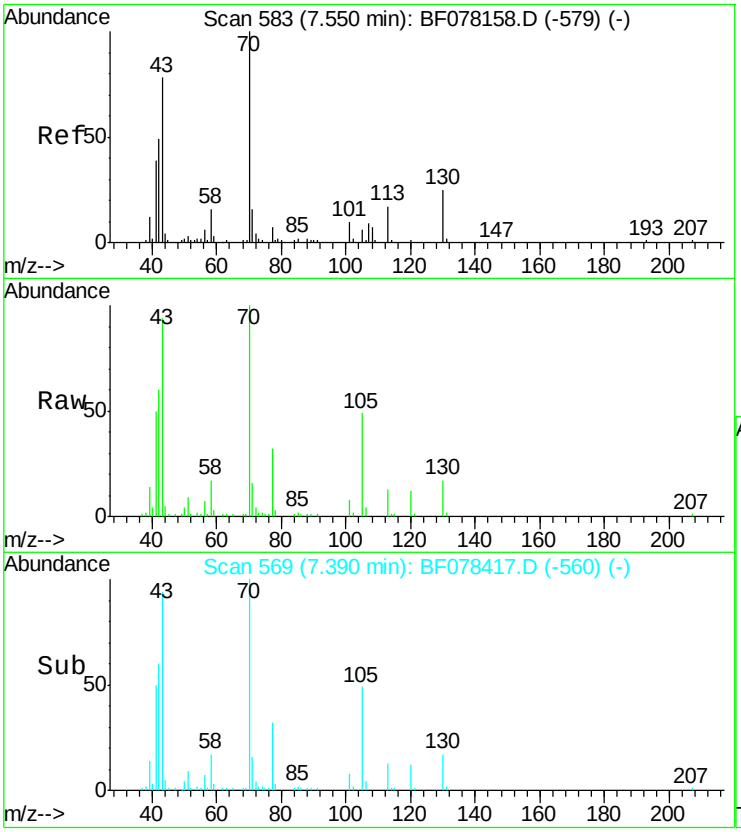




#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:117 Resp: 37318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 77.0 | 115.6 |
| 201 | 116.3 | 98.1 | 147.1 |



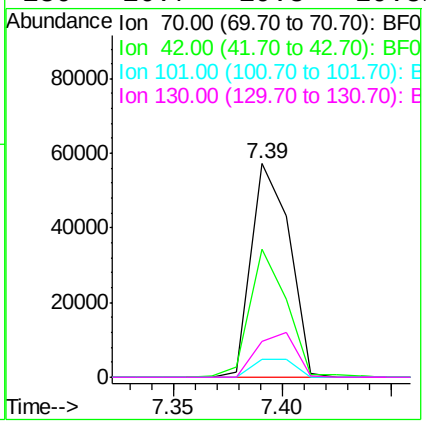


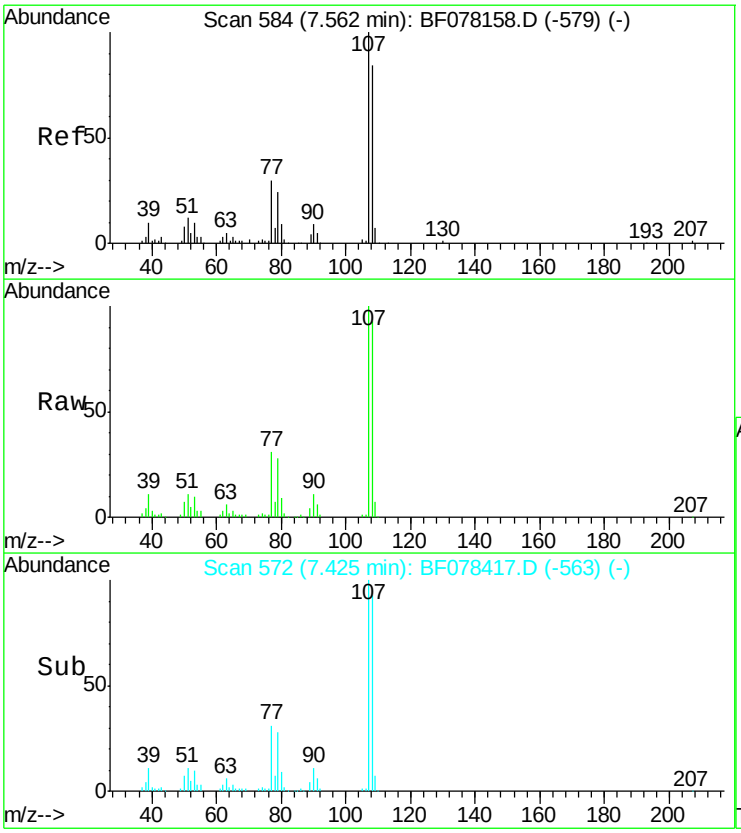

#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 70 Resp: 70400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.8 | 38.9 | 58.3# |
| 101 | 8.4 | 8.3 | 12.5 |
| 130 | 16.7 | 19.8 | 29.8# |

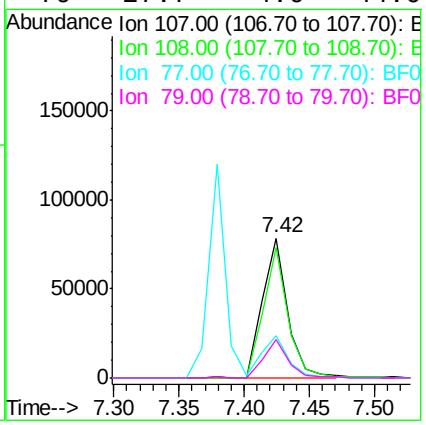


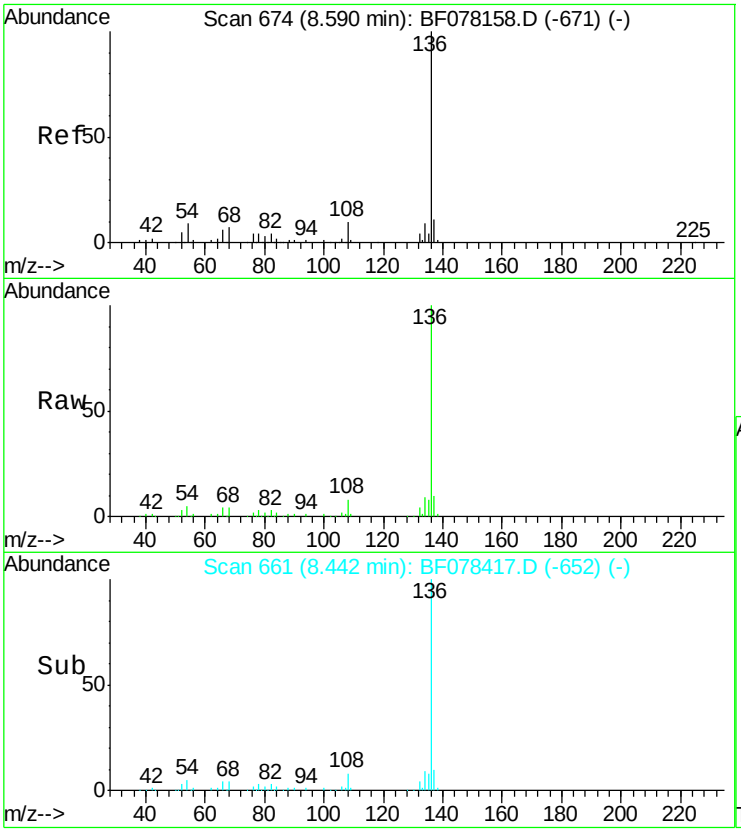




#20
3+4-Methylphenols
Concen: 42.44 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:107 Resp: 106759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.2 | 64.4 | 104.4 |
| 77 | 30.5 | 9.7 | 49.7 |
| 79 | 27.7 | 4.0 | 44.0 |



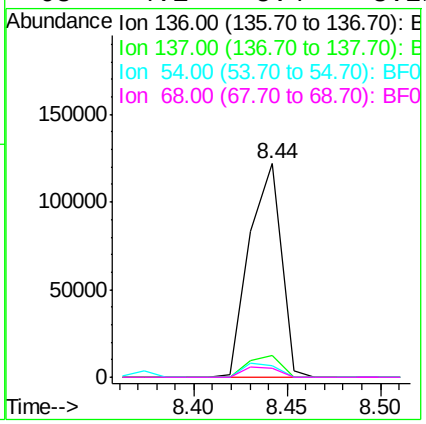


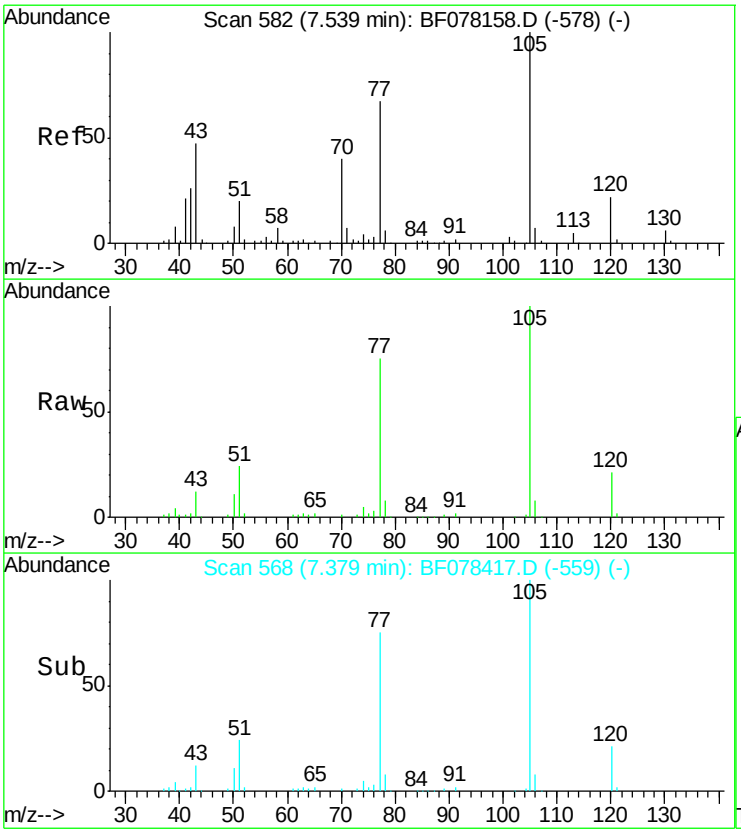

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:136 Resp: 143761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 9.0 | 13.4 |
| 54 | 5.3 | 7.0 | 10.6# |
| 68 | 4.1 | 5.4 | 8.2# |

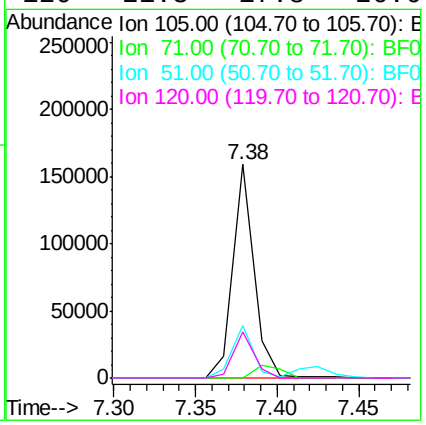


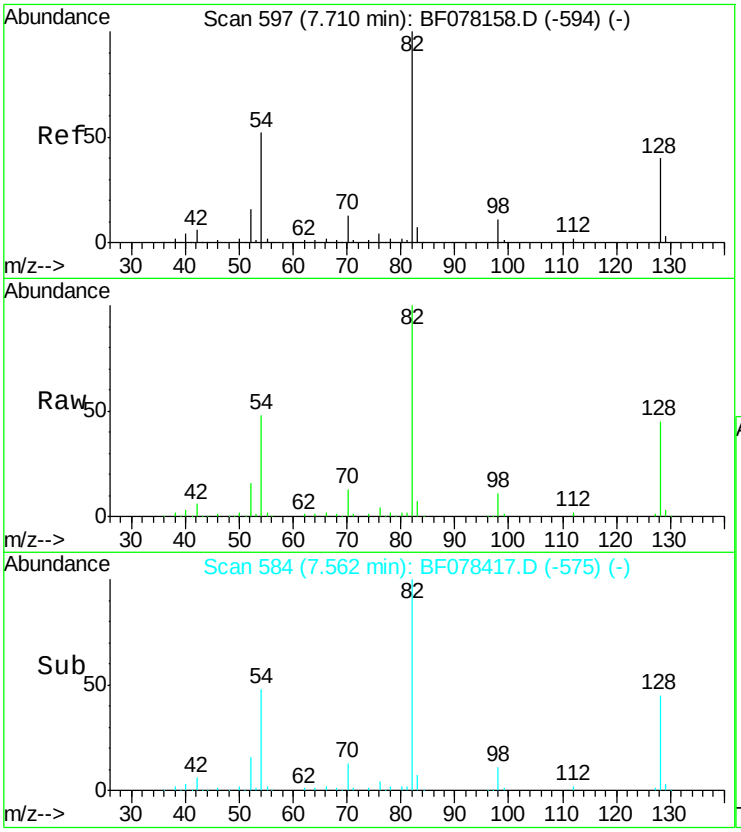




#22
Acetophenone
Concen: 42.67 ng
RT: 7.38 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:105 Resp: 142930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 5.5 | 8.3# |
| 51 | 24.4 | 16.0 | 24.0# |
| 120 | 21.3 | 17.8 | 26.6 |



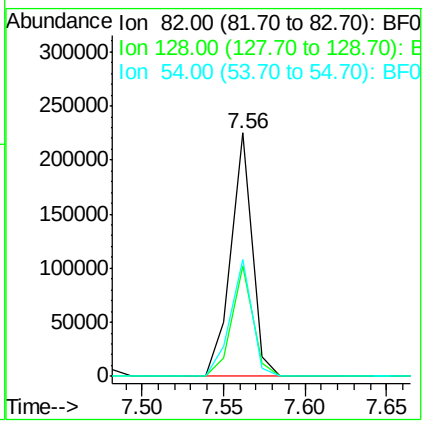


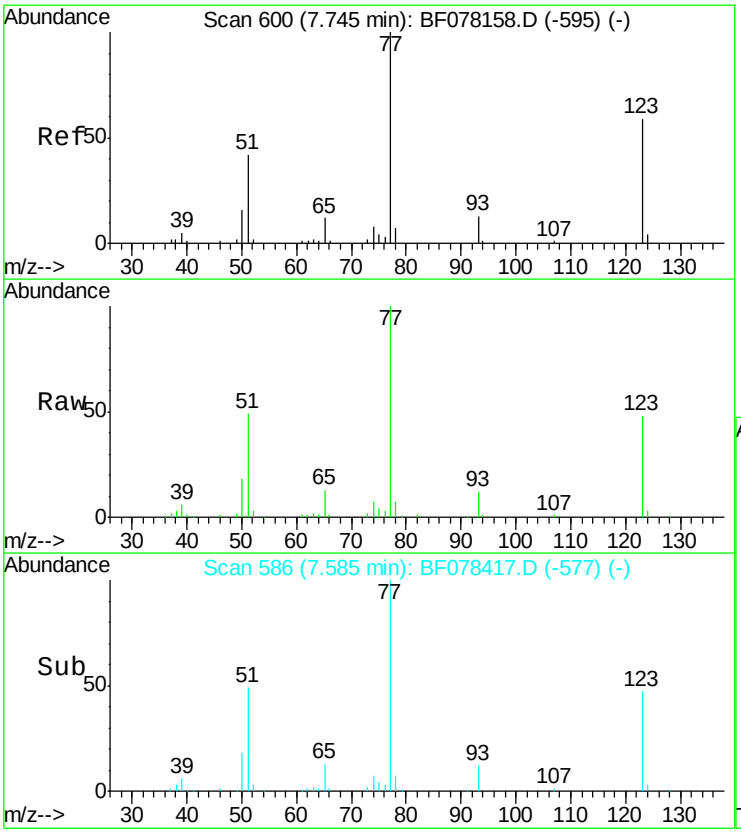

#23
Nitrobenzene-d5
Concen: 85.46 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 82 Resp: 202703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 31.8 | 47.8 |
| 54 | 48.0 | 41.5 | 62.3 |

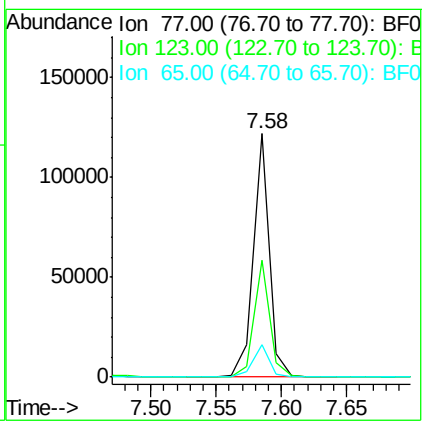


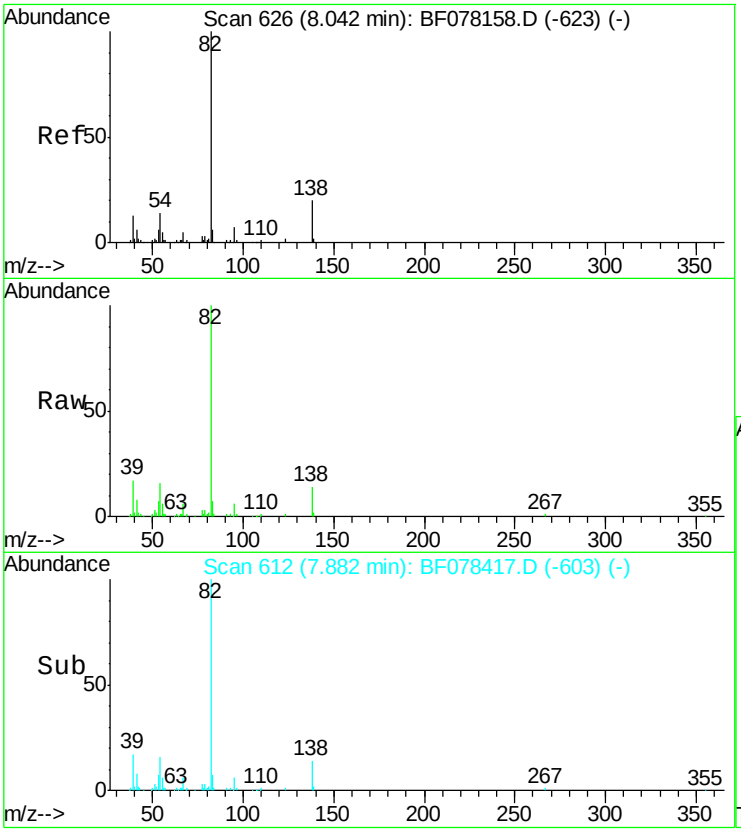




#24
Nitrobenzene
Concen: 42.36 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 77 Resp: 105031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.9 | 46.9 | 70.3 |
| 65 | 13.2 | 9.5 | 14.3 |



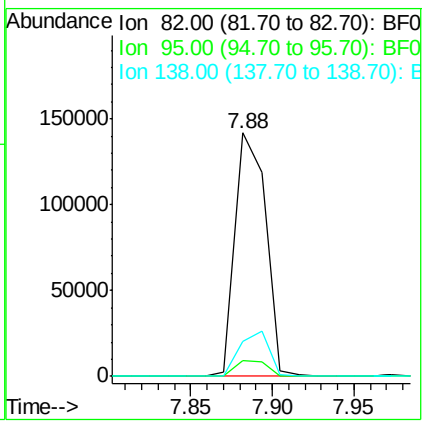


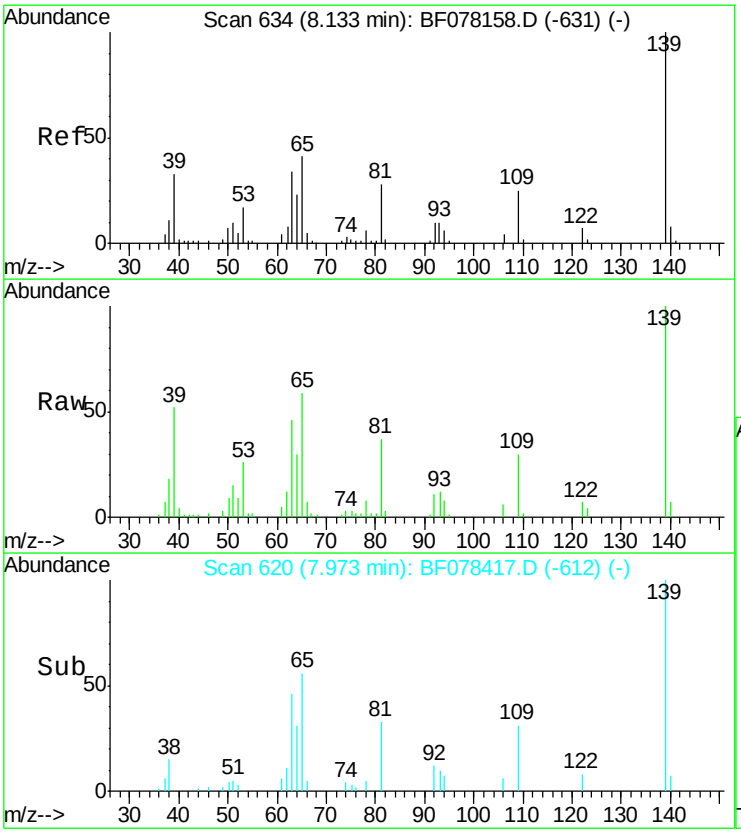

#25
Isophorone
Concen: 40.75 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 82 Resp: 183456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.7 | 8.5 |
| 138 | 14.4 | 15.8 | 23.8# |

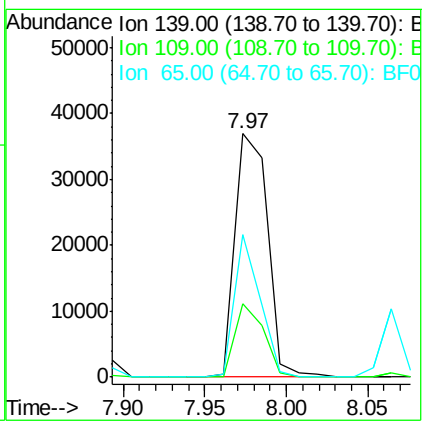


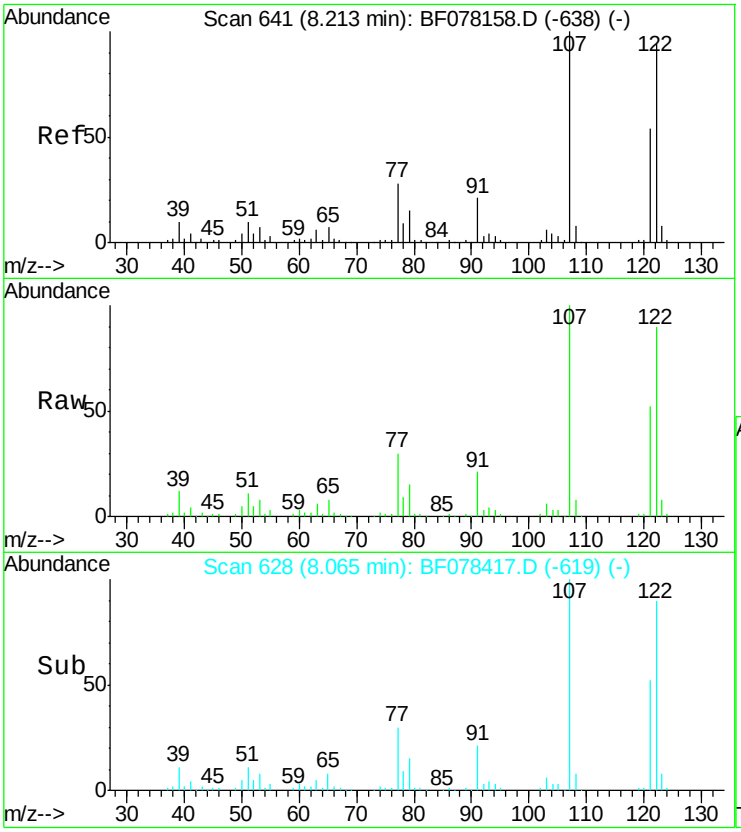




#26
2-Nitrophenol
Concen: 42.68 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:139 Resp: 50427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.1 | 19.8 | 29.8# |
| 65 | 58.5 | 32.7 | 49.1# |



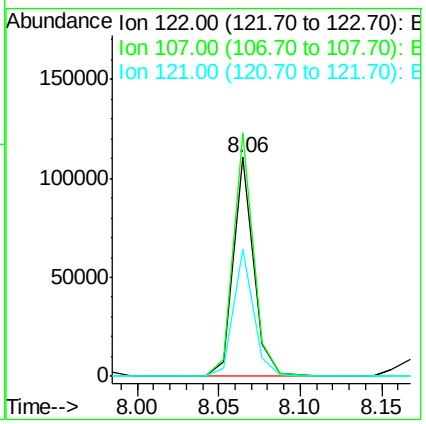


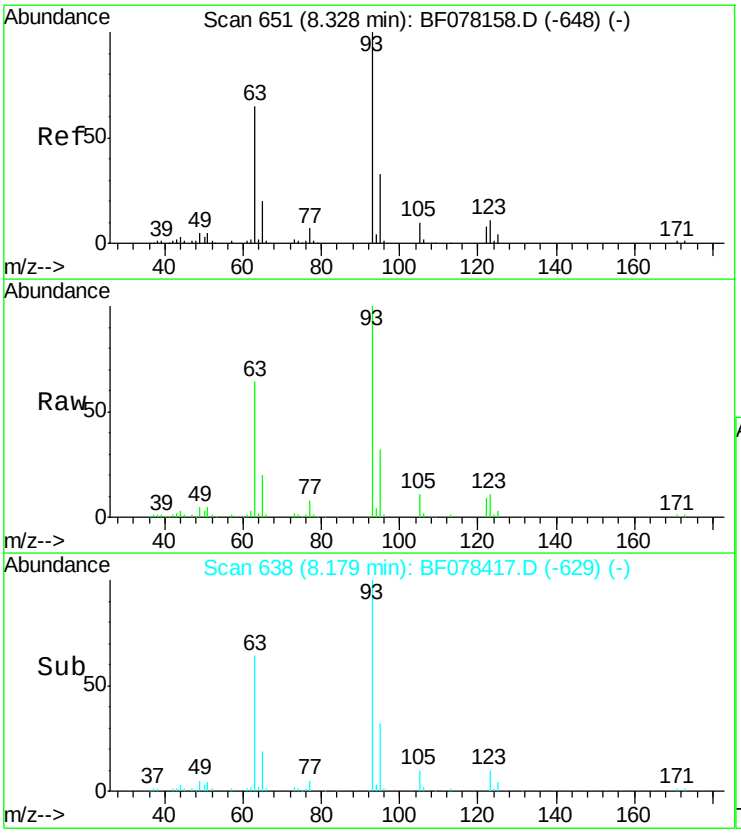

#27
2,4-Dimethylphenol
Concen: 42.70 ng
RT: 8.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:122 Resp: 93825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.3 | 84.6 | 127.0 |
| 121 | 58.3 | 46.0 | 69.0 |

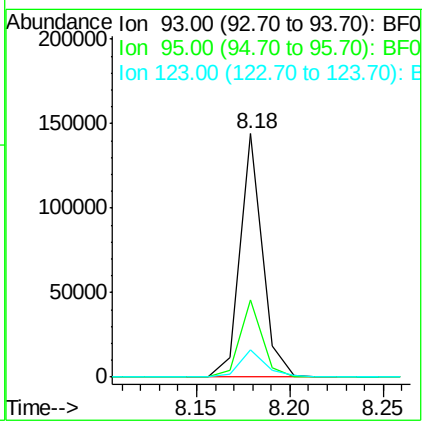


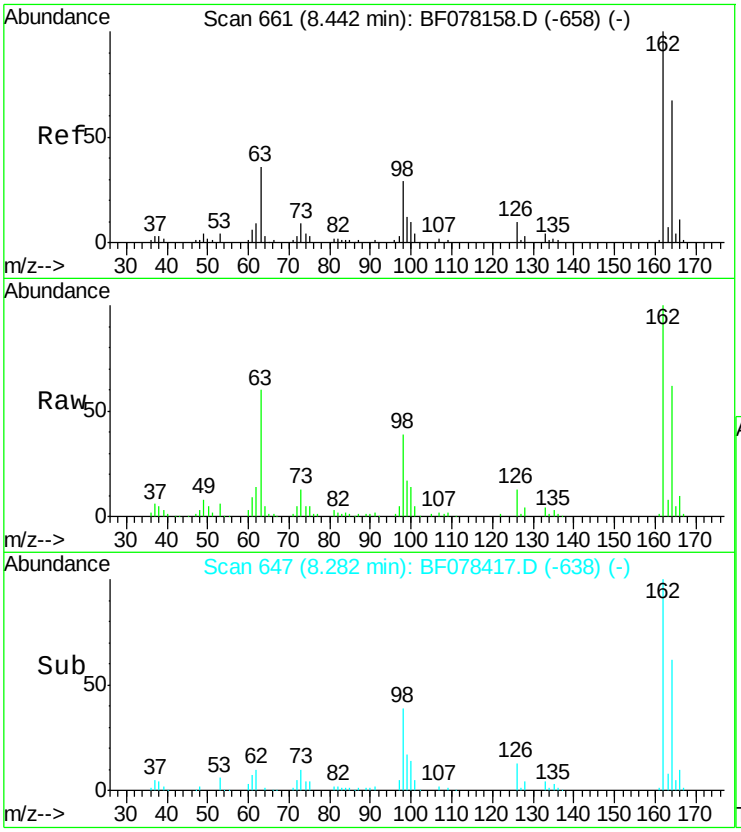




#28
bis(2-Chloroethoxy)methane
Concen: 41.68 ng
RT: 8.18 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 93 Resp: 120319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 26.3 | 39.5 |
| 123 | 11.3 | 9.1 | 13.7 |



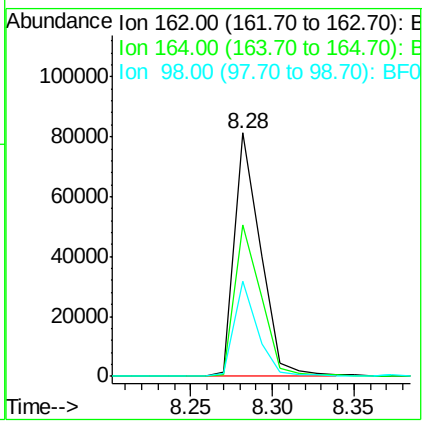


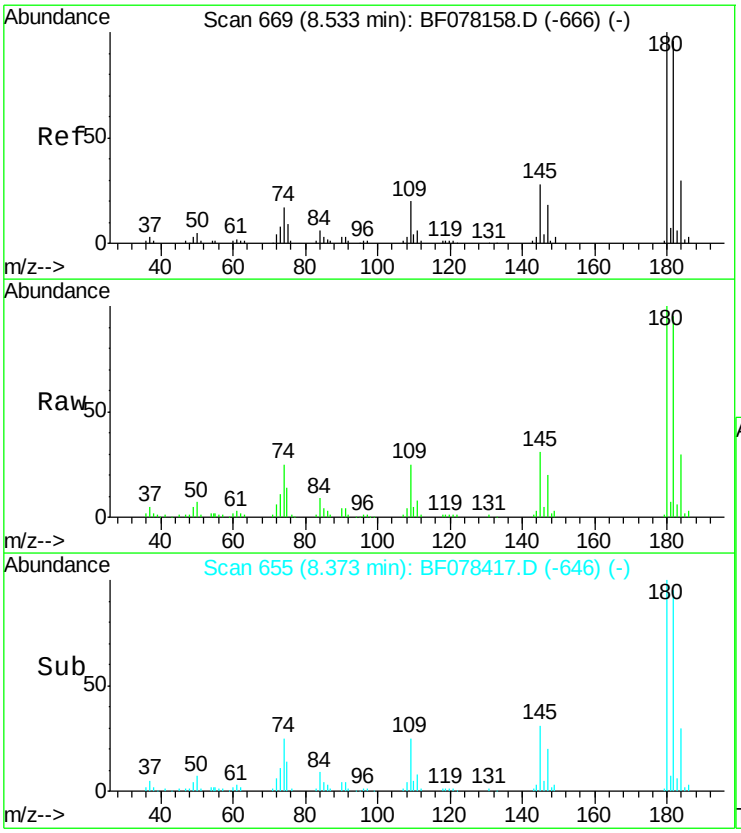

#29
2,4-Dichlorophenol
Concen: 44.82 ng
RT: 8.28 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:162 Resp: 89590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.2 | 47.0 | 87.0 |
| 98 | 39.3 | 9.2 | 49.2 |

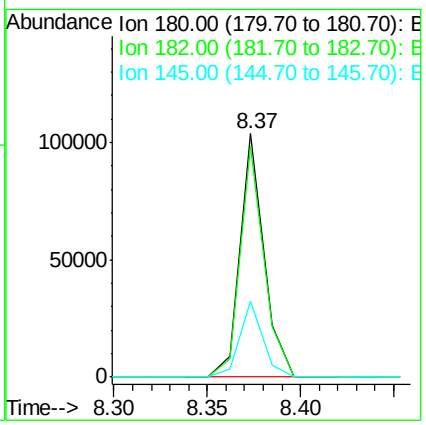


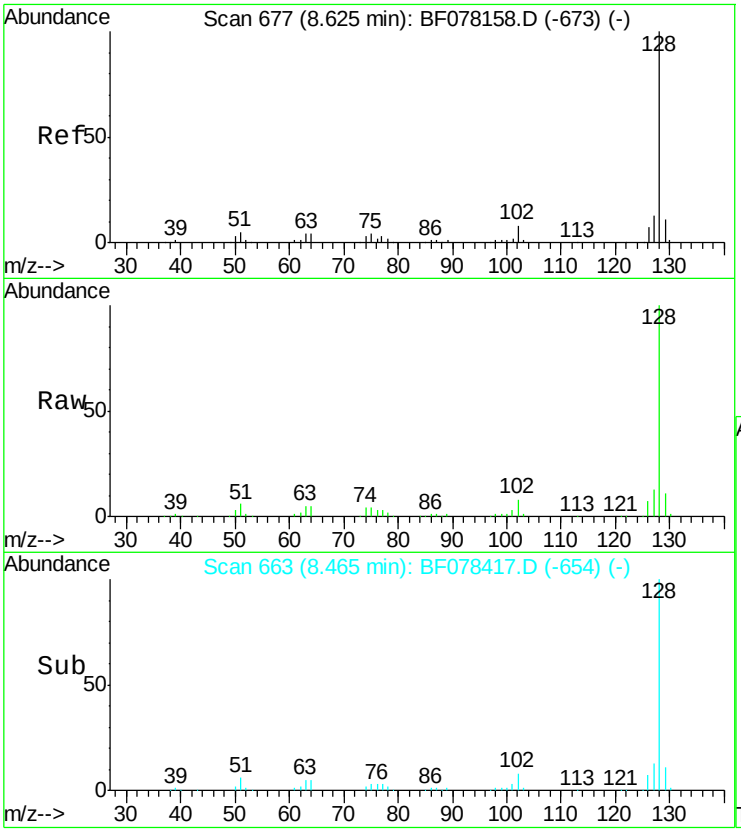




#30
1,2,4-Trichlorobenzene
Concen: 40.35 ng
RT: 8.37 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:180 Resp: 92475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 76.9 | 115.3 |
| 145 | 31.2 | 22.5 | 33.7 |



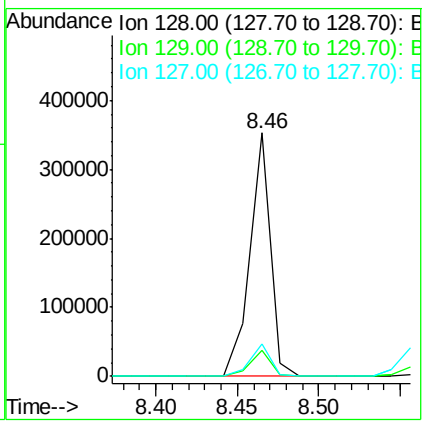


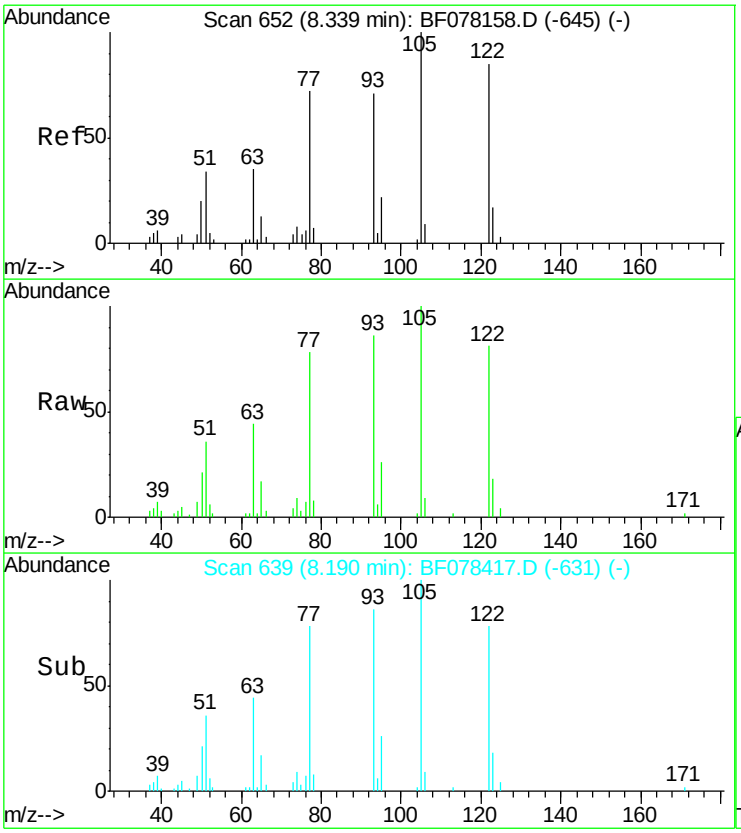

#31
Naphthalene
Concen: 41.33 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:128 Resp: 309288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.6 | 12.8 |
| 127 | 13.1 | 10.7 | 16.1 |

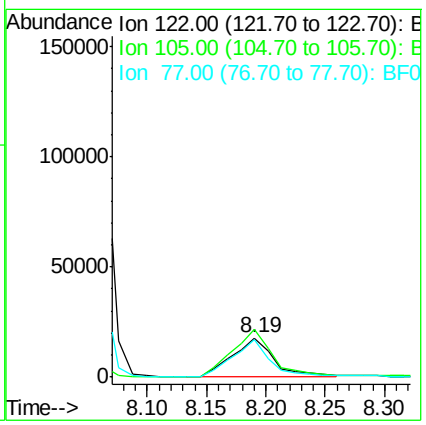


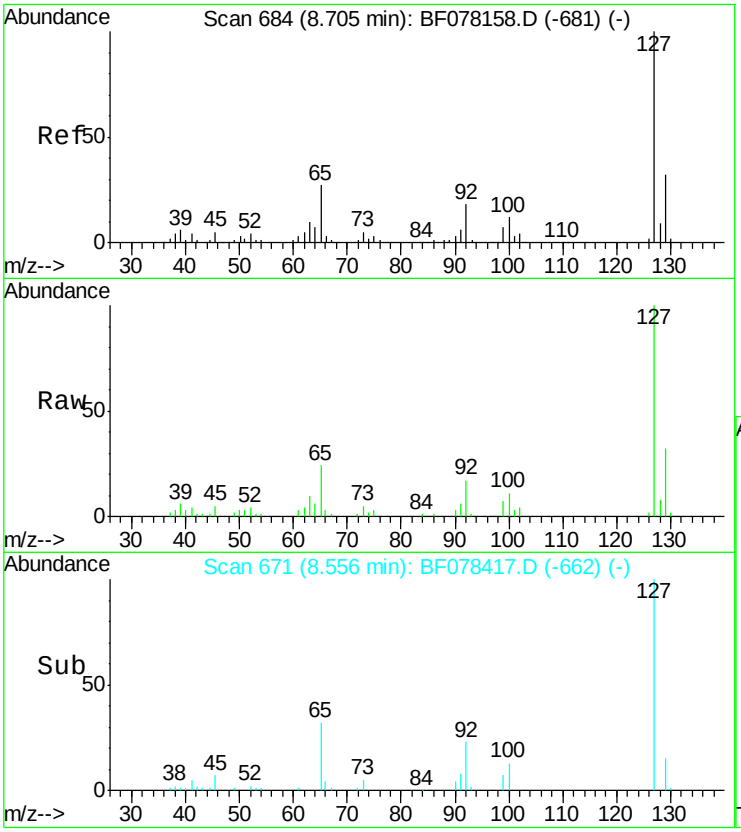




#32
Benzoic acid
Concen: 43.05 ng
RT: 8.19 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:122 Resp: 43775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.8 | 96.1 | 136.1 |
| 77 | 96.1 | 64.1 | 104.1 |



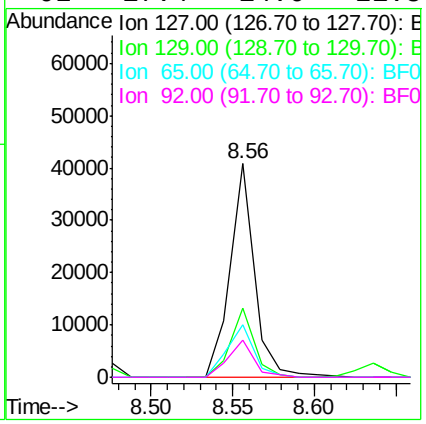


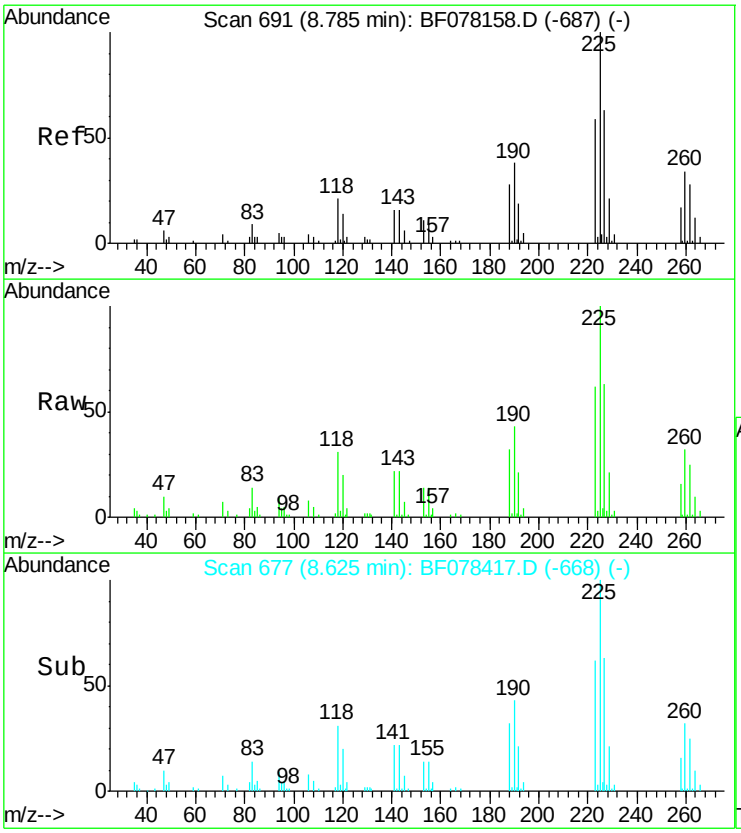

#33
4-Chloroaniline
Concen: 13.66 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:127 Resp: 42413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 25.5 | 38.3 |
| 65 | 24.3 | 21.7 | 32.5 |
| 92 | 17.4 | 14.6 | 21.8 |

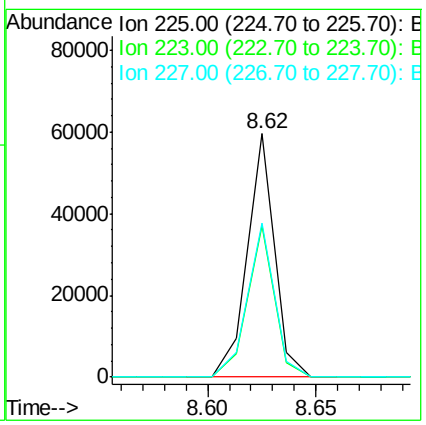


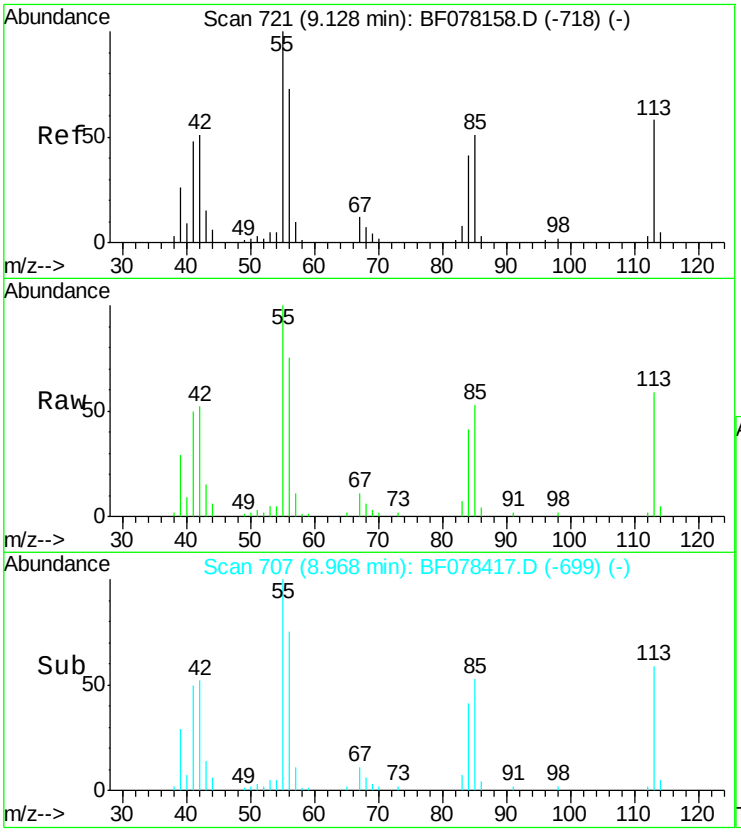




#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:225 Resp: 51494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 47.5 | 71.3 |
| 227 | 63.1 | 50.2 | 75.2 |



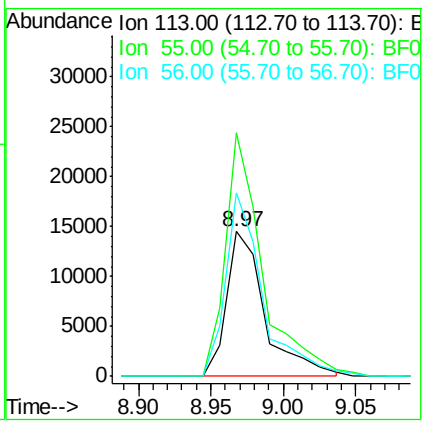


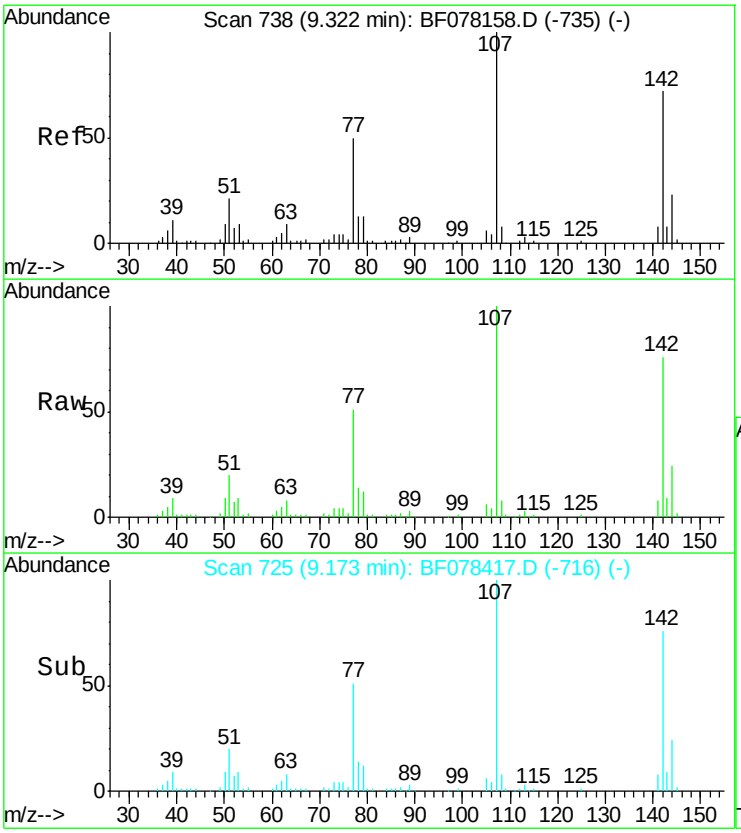

#35
Caprolactam
Concen: 44.65 ng
RT: 8.97 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:113 Resp: 26638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 168.3 | 151.9 | 191.9 |
| 56 | 126.4 | 106.1 | 146.1 |

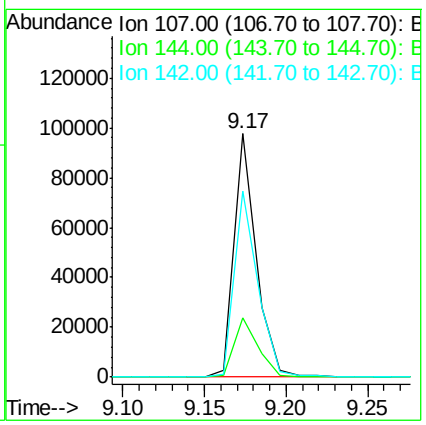


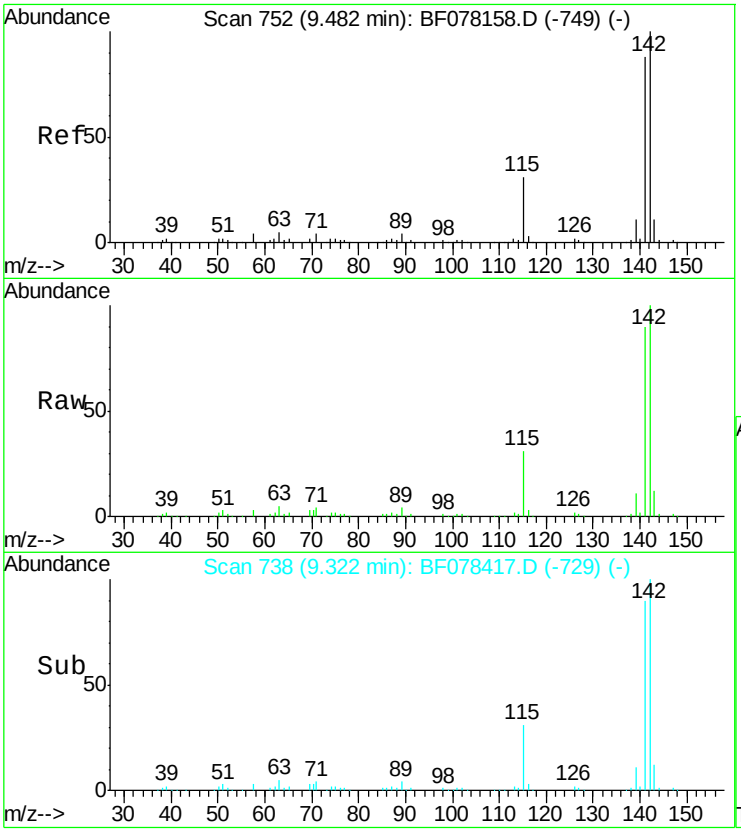




#36
4-Chloro-3-methylphenol
Concen: 45.02 ng
RT: 9.17 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:107 Resp: 90804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.4 | 18.2 | 27.2 |
| 142 | 76.3 | 58.0 | 87.0 |



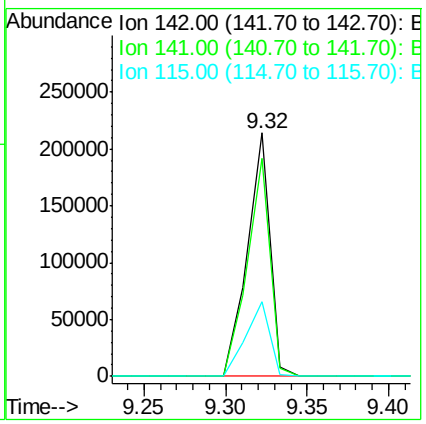


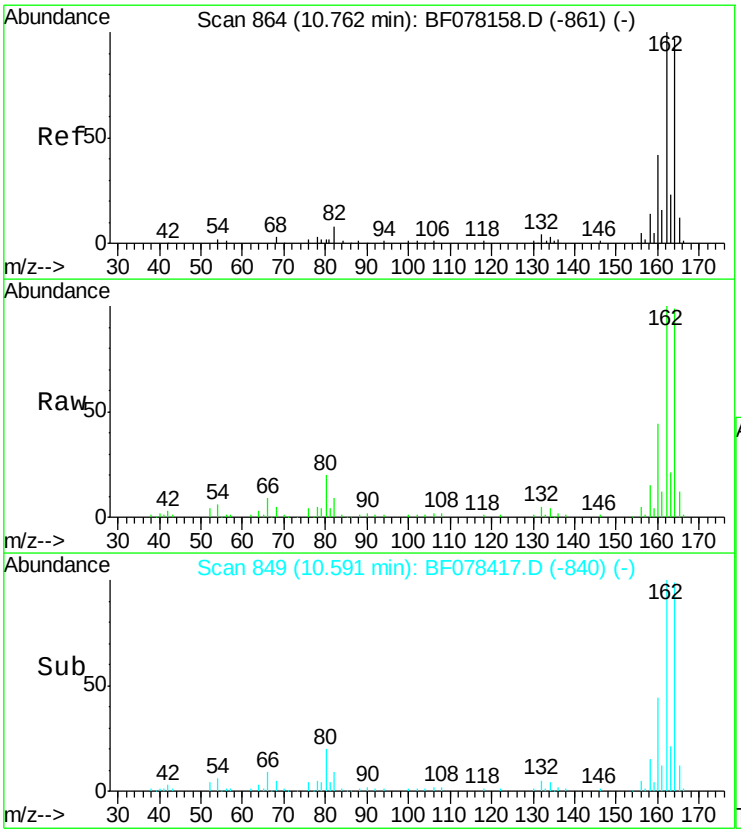

#37
2-Methylnaphthalene
Concen: 40.80 ng
RT: 9.32 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:142 Resp: 207284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 70.3 | 105.5 |
| 115 | 30.6 | 24.6 | 37.0 |

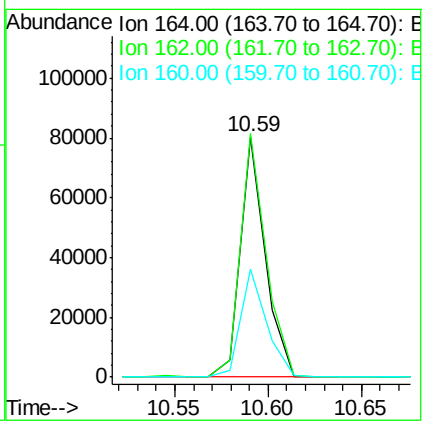


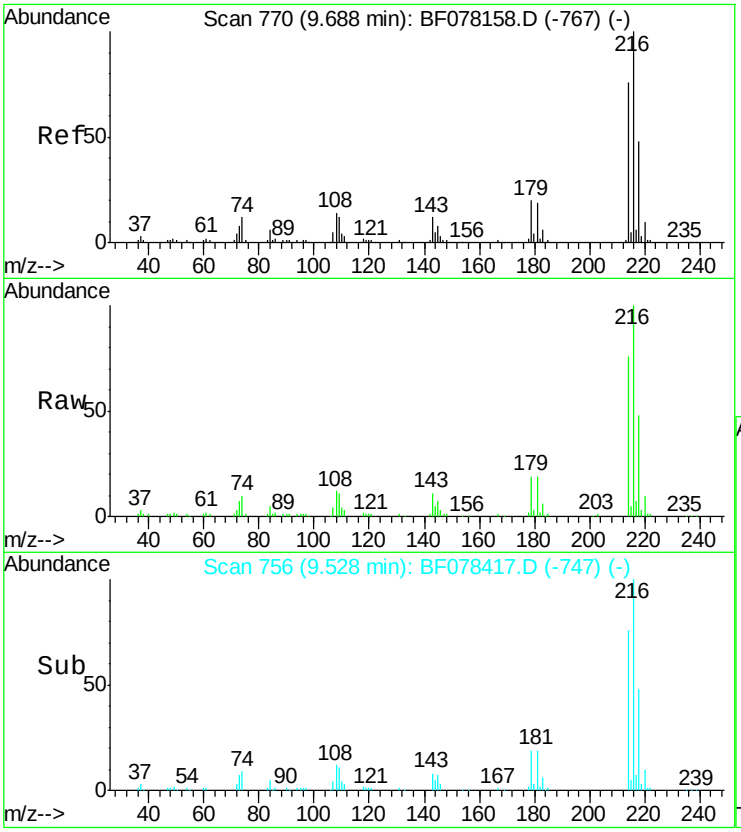




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:164 Resp: 74537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 82.2 | 123.2 |
| 160 | 45.0 | 34.7 | 52.1 |



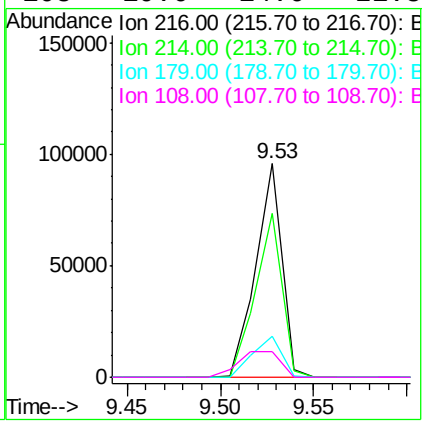


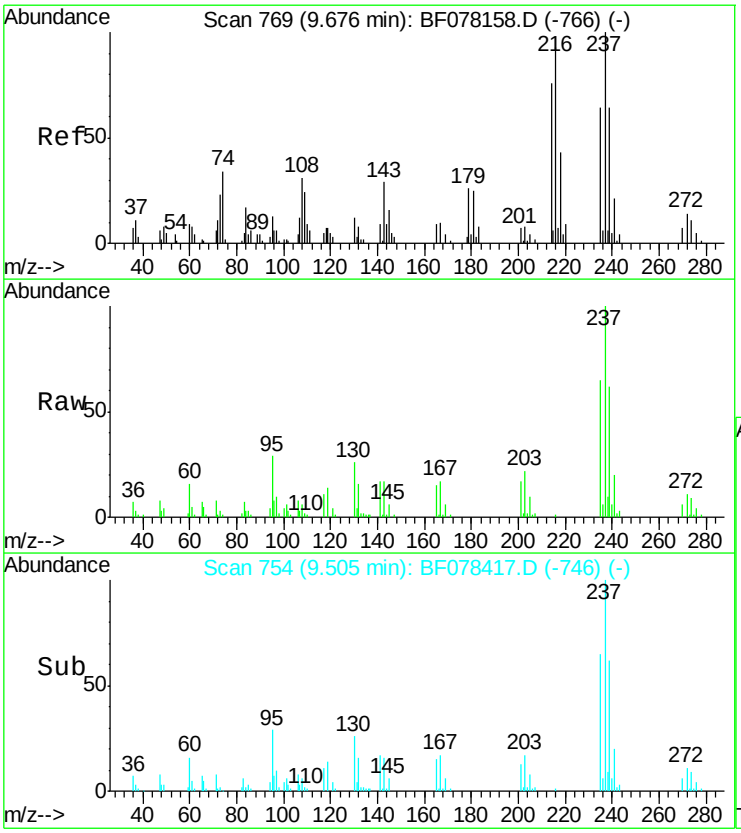

#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.04 ng
RT: 9.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:216 Resp: 92469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.9 | 62.0 | 93.0 |
| 179 | 21.3 | 17.3 | 25.9 |
| 108 | 19.6 | 14.6 | 21.8 |

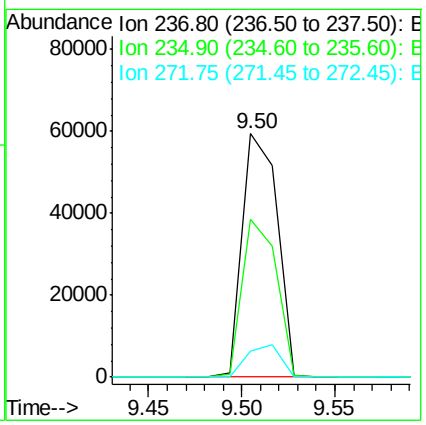


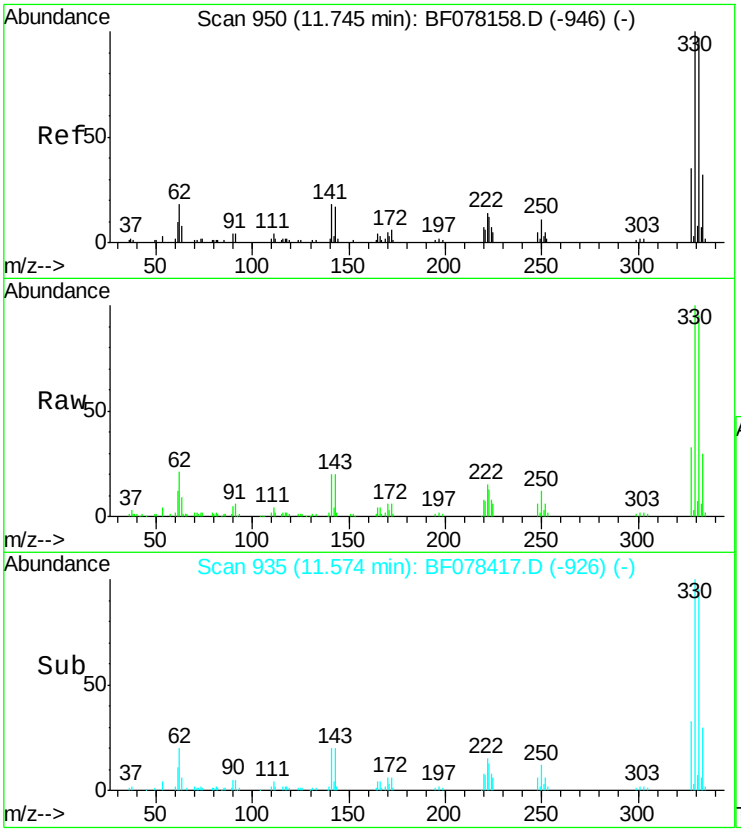




#40
Hexachlorocyclopentadiene
Concen: 78.03 ng
RT: 9.50 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:237 Resp: 77402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.8 | 44.1 | 84.1 |
| 272 | 10.9 | 0.0 | 34.4 |



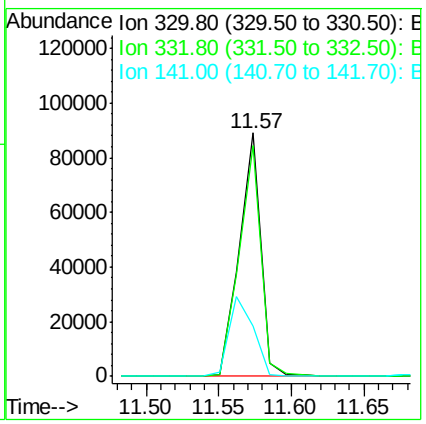


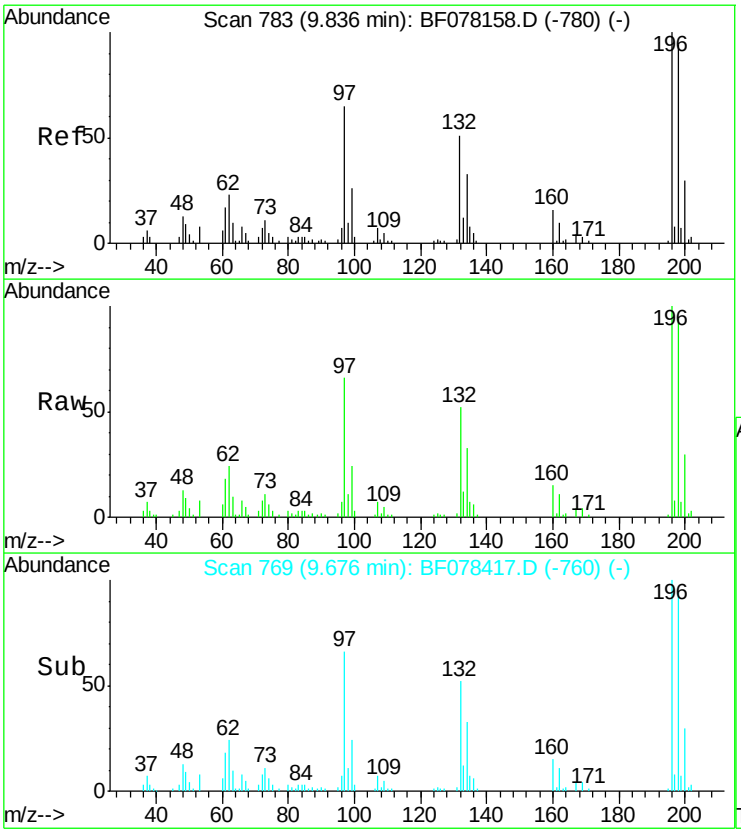

#41
2,4,6-Tribromophenol
Concen: 149.00 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:330 Resp: 92111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 78.6 | 117.8 |
| 141 | 37.1 | 31.2 | 46.8 |

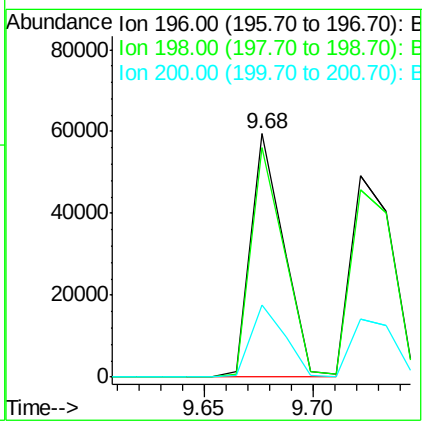


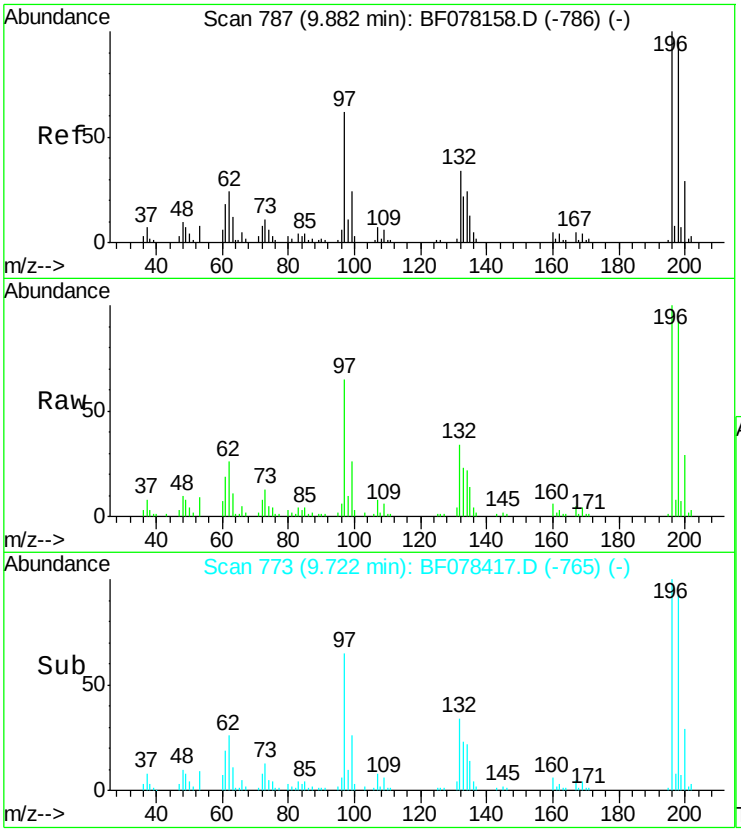




#42
2,4,6-Trichlorophenol
Concen: 43.57 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:196 Resp: 63457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.4 | 113.2 |
| 200 | 29.7 | 24.0 | 36.0 |



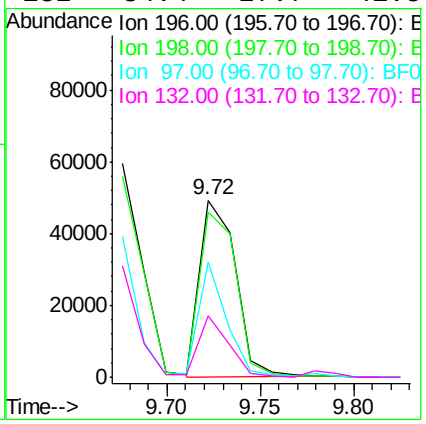


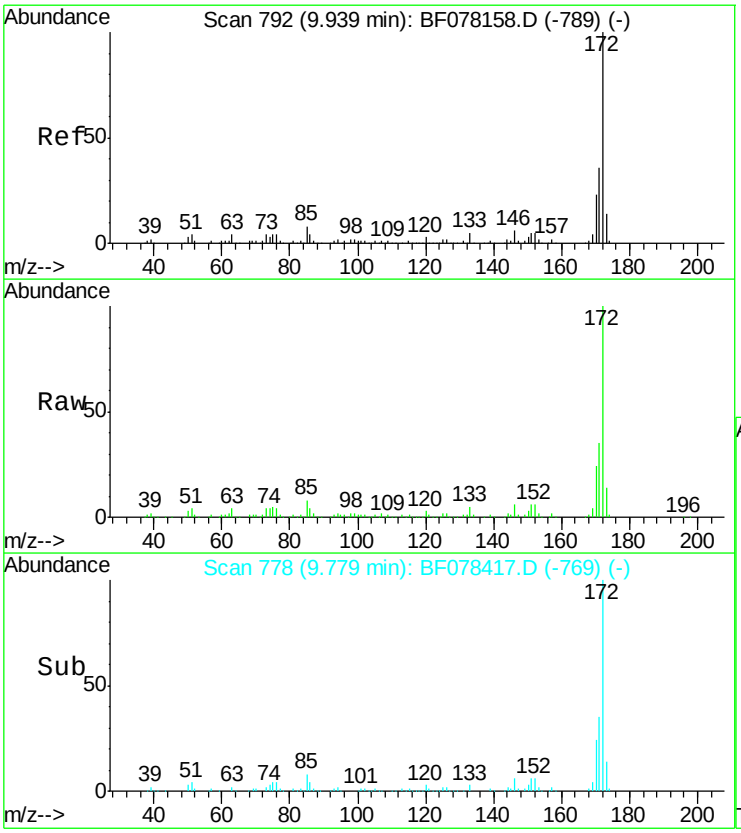

#43
2,4,5-Trichlorophenol
Concen: 43.06 ng
RT: 9.72 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:196 Resp: 65530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.2 | 76.6 | 115.0 |
| 97 | 65.0 | 50.6 | 75.8 |
| 132 | 34.4 | 27.7 | 41.5 |

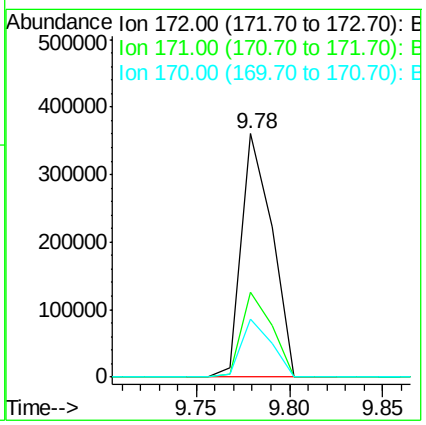


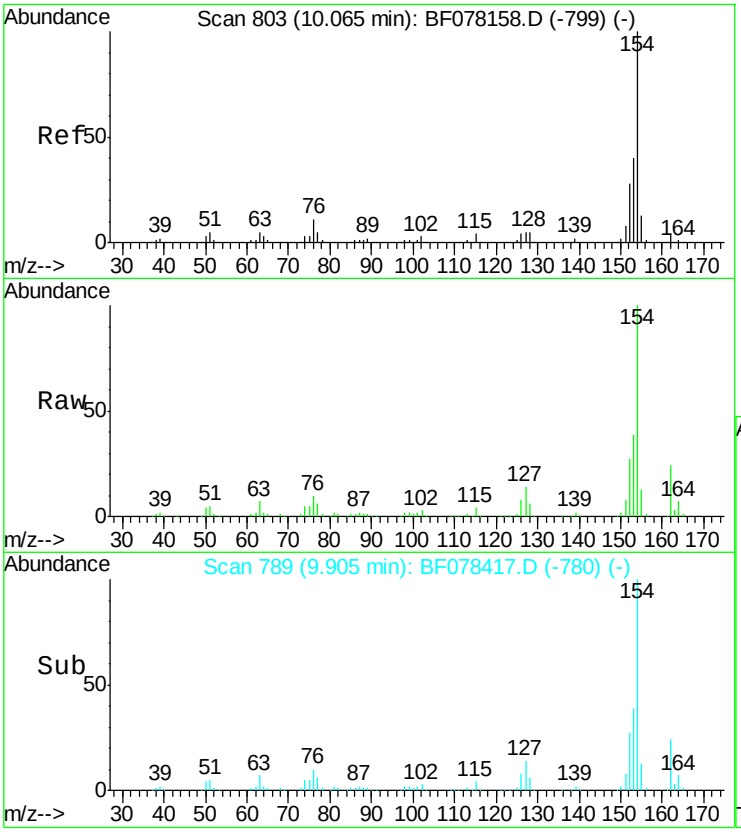




#44
2-Fluorobiphenyl
Concen: 78.99 ng
RT: 9.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:172 Resp: 411878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.6 | 42.8 |
| 170 | 23.7 | 18.5 | 27.7 |



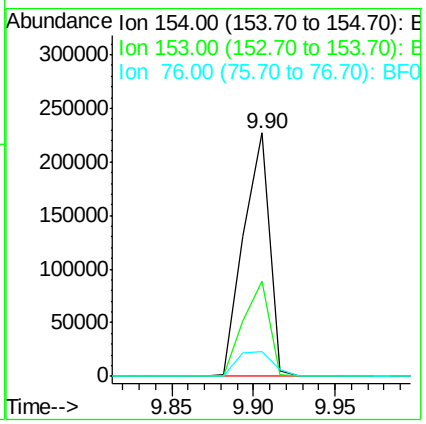


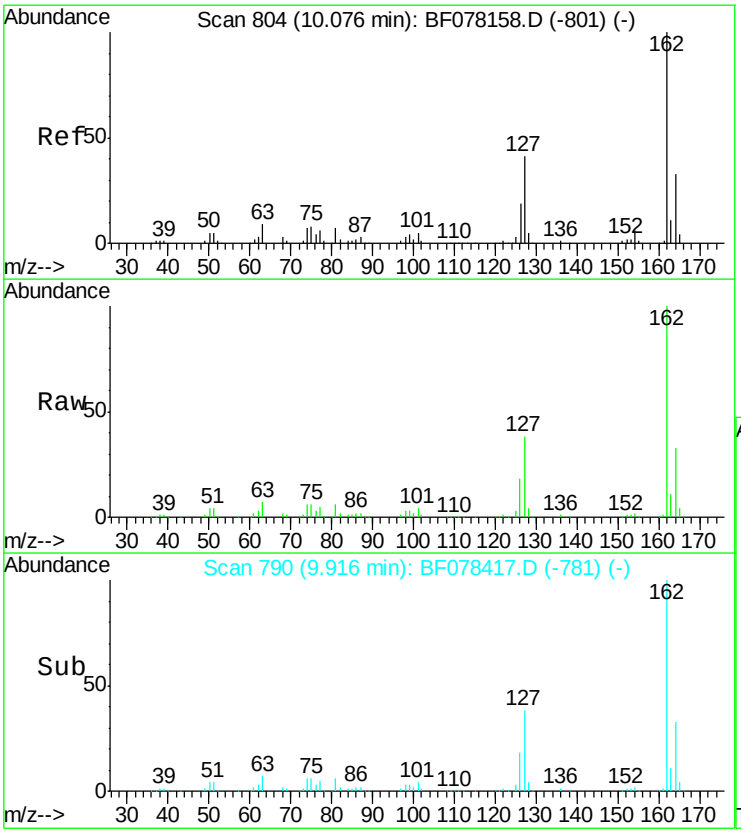

#45
1,1'-Biphenyl
Concen: 41.00 ng
RT: 9.90 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:154 Resp: 249964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 20.0 | 60.0 |
| 76 | 10.3 | 0.0 | 30.6 |

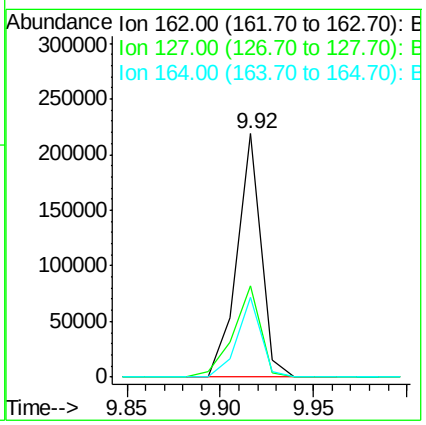


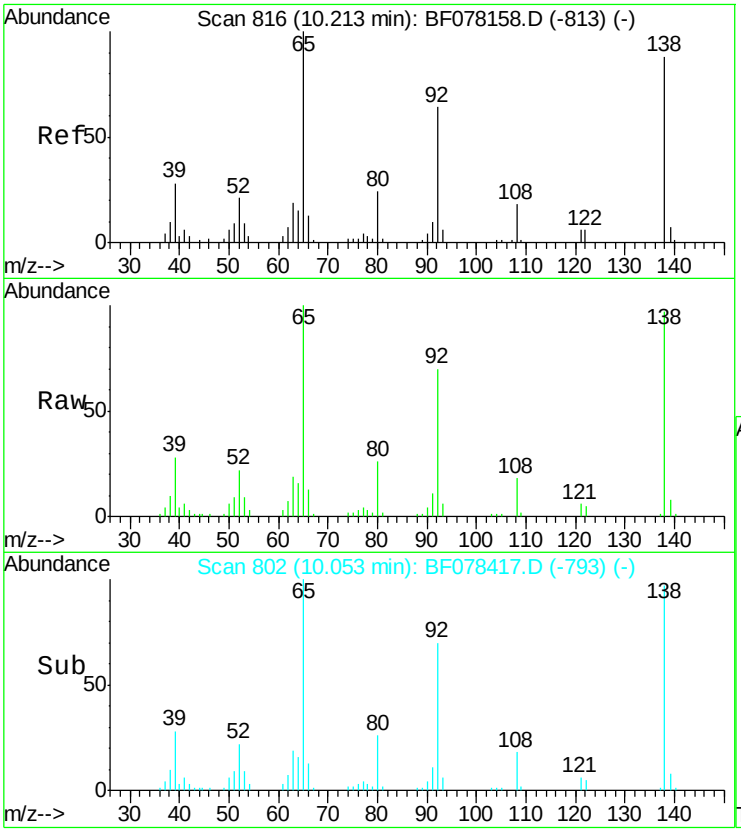




#46
2-Chloronaphthalene
Concen: 41.20 ng
RT: 9.92 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:162 Resp: 197624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.6 | 32.6 | 49.0 |
| 164 | 32.6 | 26.0 | 39.0 |



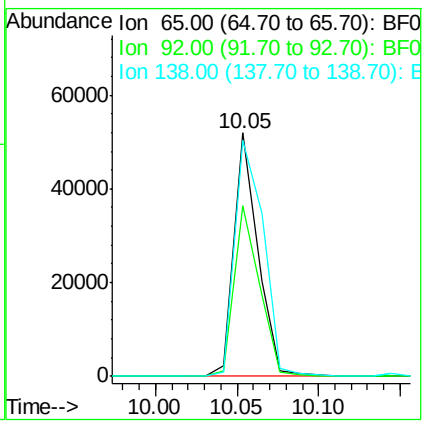


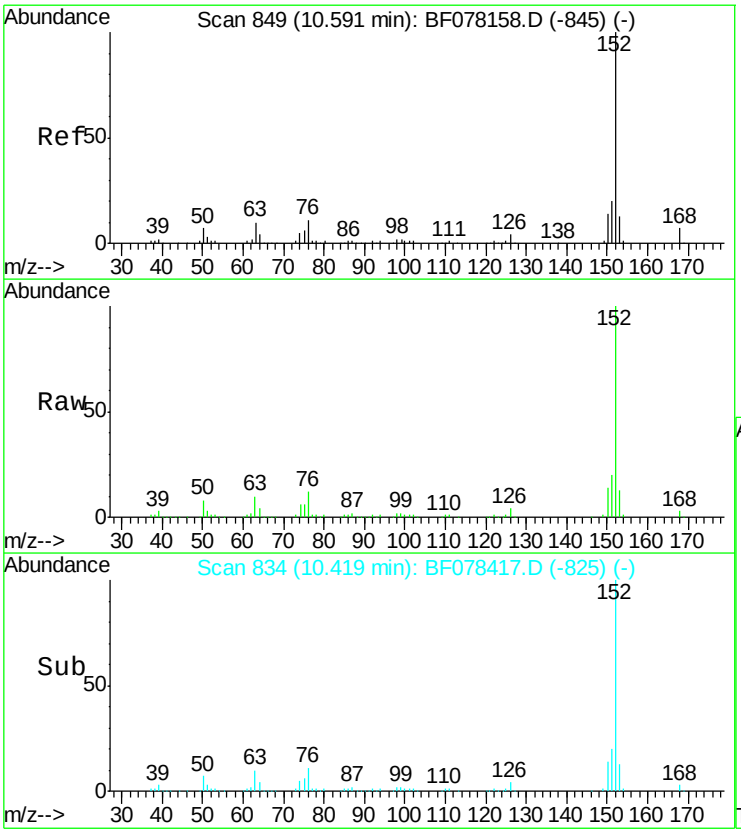

#47
2-Nitroaniline
Concen: 44.26 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion: 65 Resp: 52526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.3 | 51.3 | 76.9 |
| 138 | 96.9 | 70.4 | 105.6 |

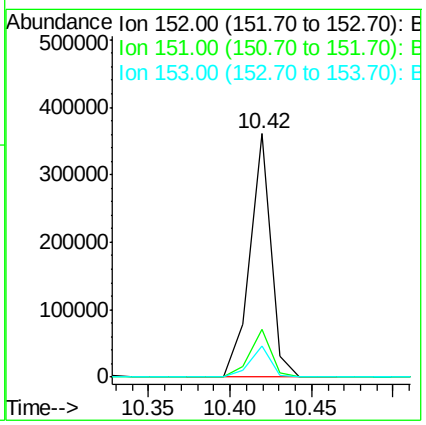


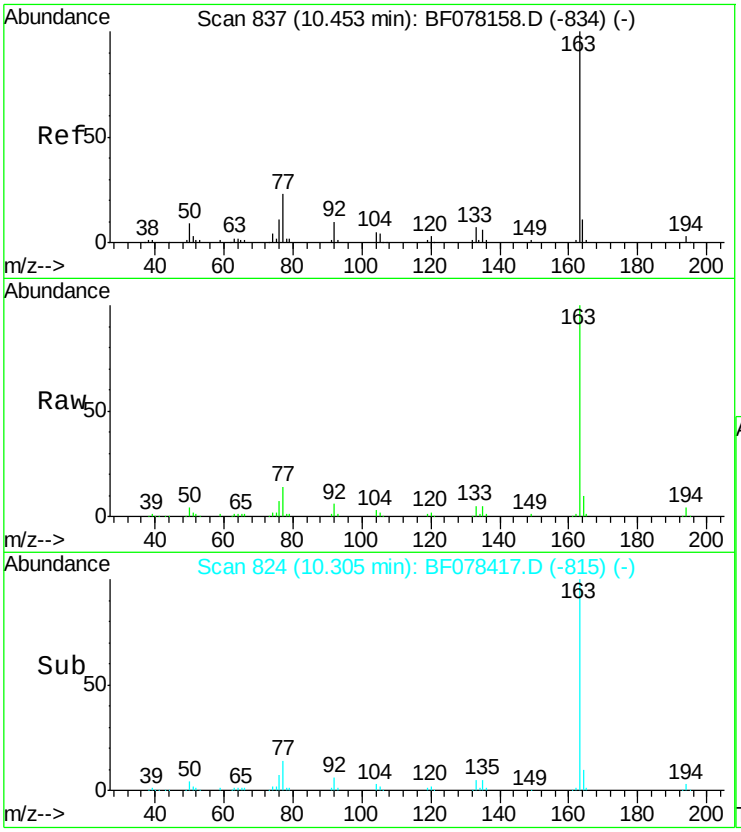




#48
Acenaphthylene
Concen: 41.76 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:152 Resp: 323518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.7 | 23.5 |
| 153 | 12.8 | 10.2 | 15.2 |



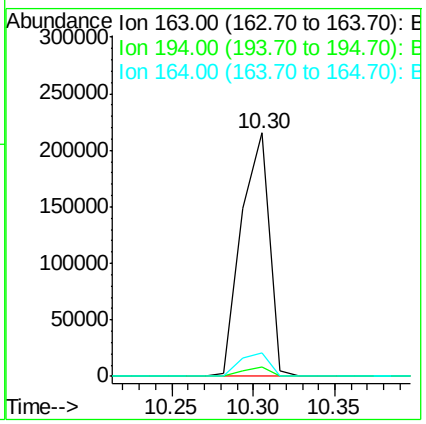


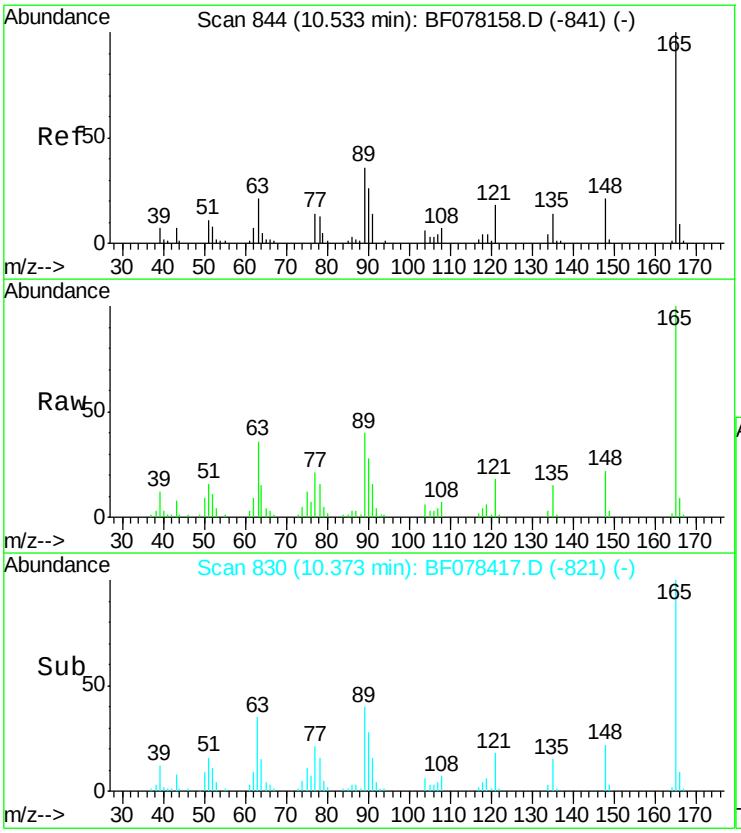

#49
Dimethylphthalate
Concen: 45.55 ng
RT: 10.30 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:163 Resp: 255081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 2.3 | 3.5# |
| 164 | 9.5 | 8.6 | 13.0 |

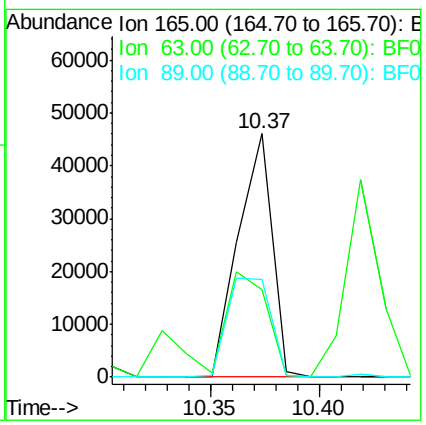


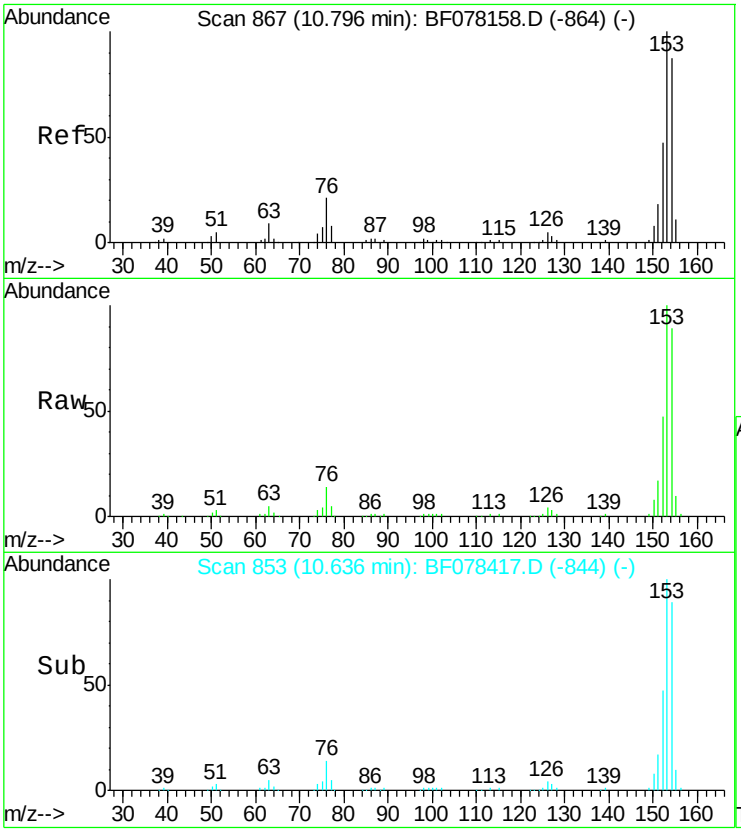




#50
2,6-Dinitrotoluene
Concen: 43.32 ng
RT: 10.37 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:165 Resp: 49907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.7 | 24.1 | 36.1 |
| 89 | 40.2 | 28.9 | 43.3 |



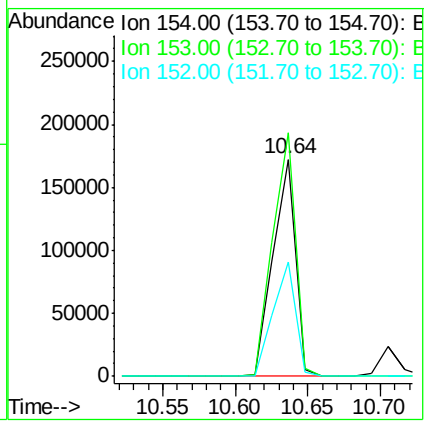


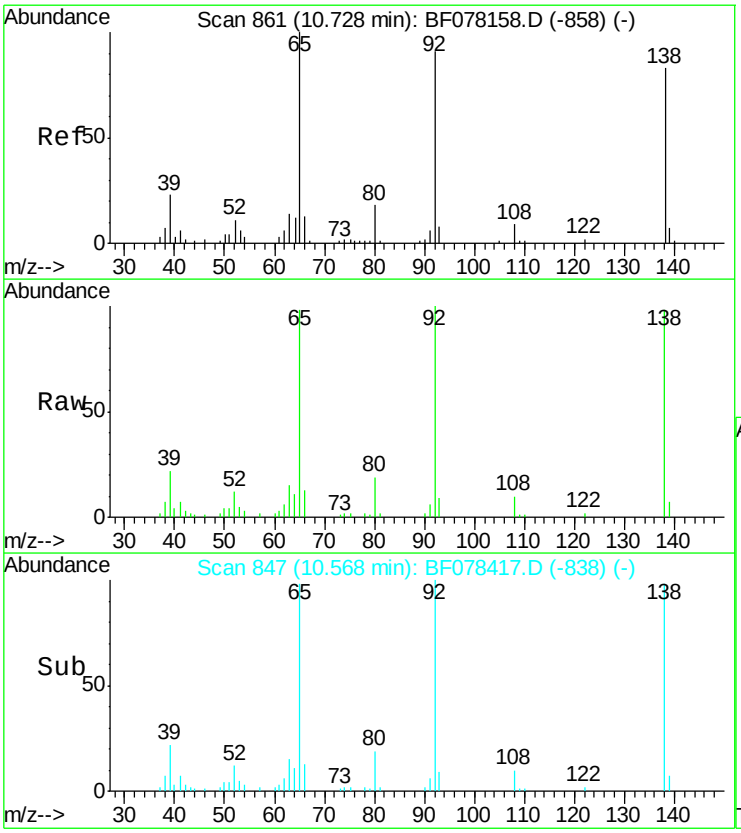

#51
Acenaphthene
Concen: 42.55 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:154 Resp: 185555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.3 | 91.4 | 137.2 |
| 152 | 52.5 | 43.0 | 64.6 |

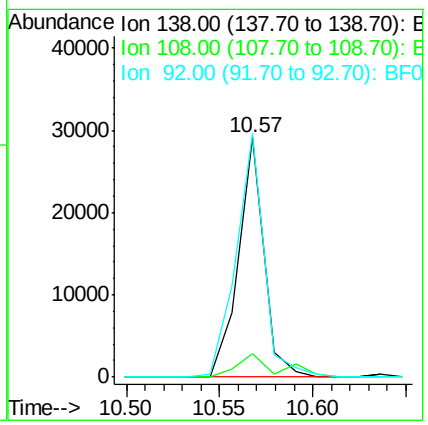


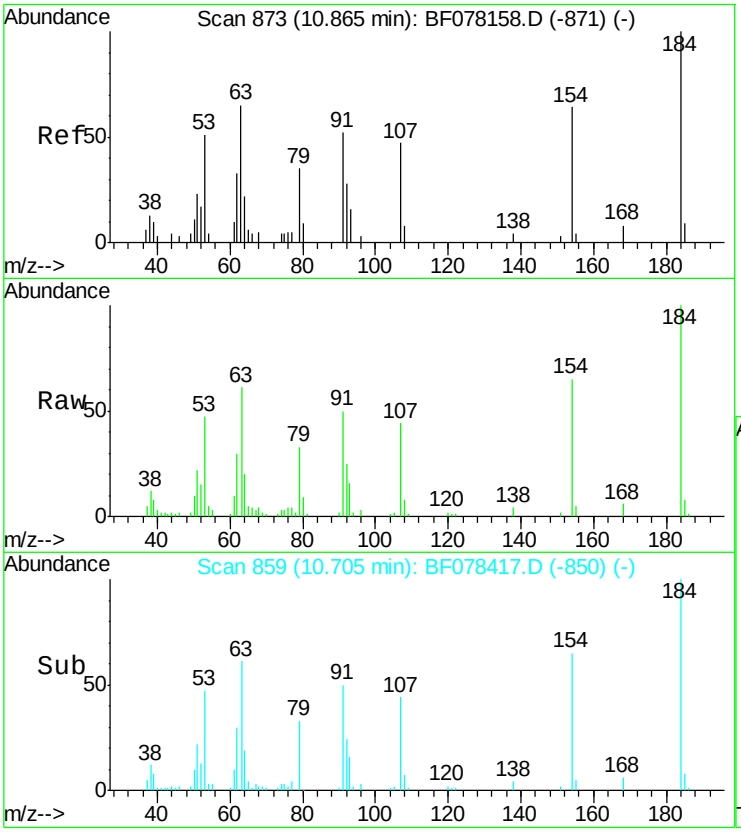




#52
3-Nitroaniline
Concen: 21.24 ng
RT: 10.57 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:138 Resp: 27826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.0 | 8.2 | 12.4 |
| 92 | 101.6 | 88.4 | 132.6 |



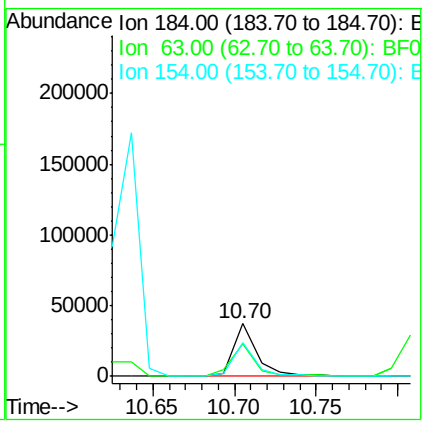


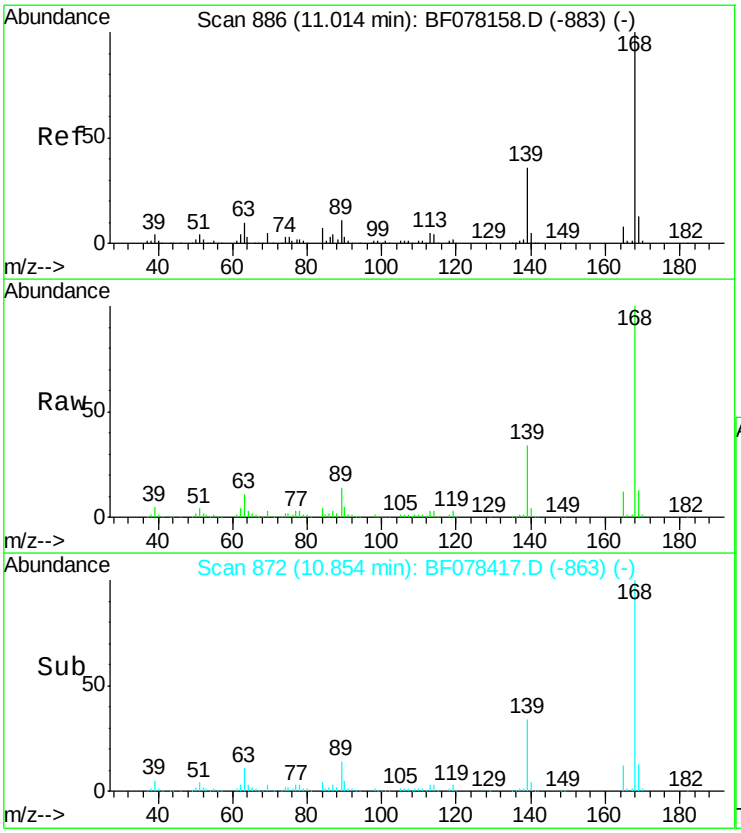

#53
2,4-Dinitrophenol
Concen: 81.78 ng
RT: 10.70 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:184 Resp: 37047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.0 | 51.9 | 77.9 |
| 154 | 65.1 | 51.0 | 76.4 |

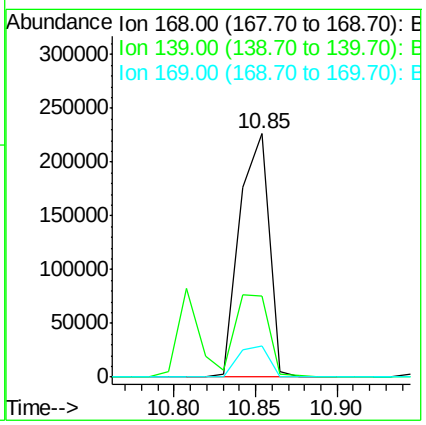


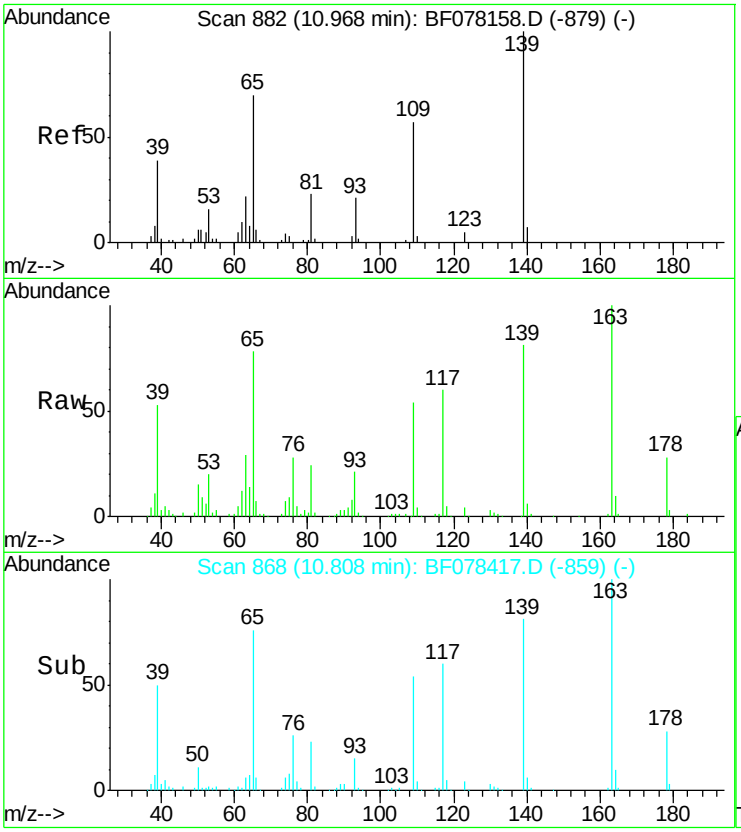




#54
Dibenzofuran
Concen: 42.49 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:168 Resp: 283066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.6 | 31.0 | 46.4 |
| 169 | 12.8 | 10.7 | 16.1 |



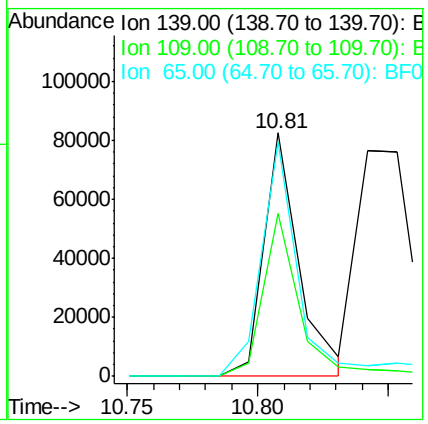


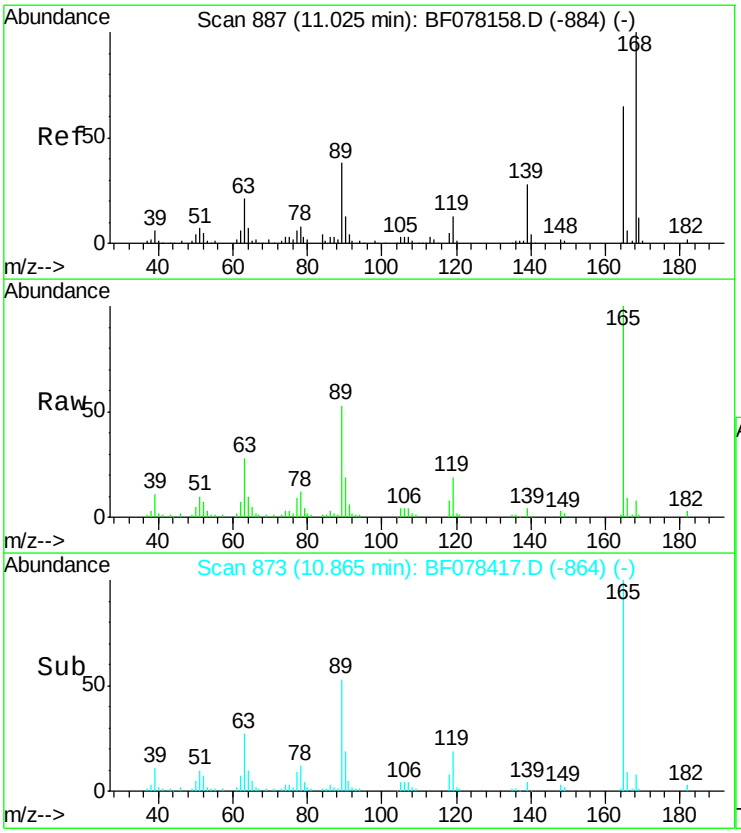

#55
4-Nitrophenol
Concen: 80.84 ng
RT: 10.81 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:139 Resp: 78013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.9 | 36.7 | 76.7 |
| 65 | 96.4 | 49.9 | 89.9# |

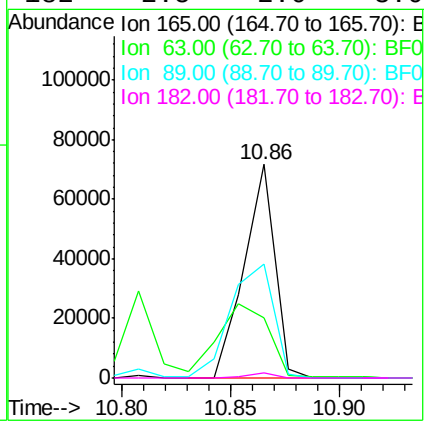


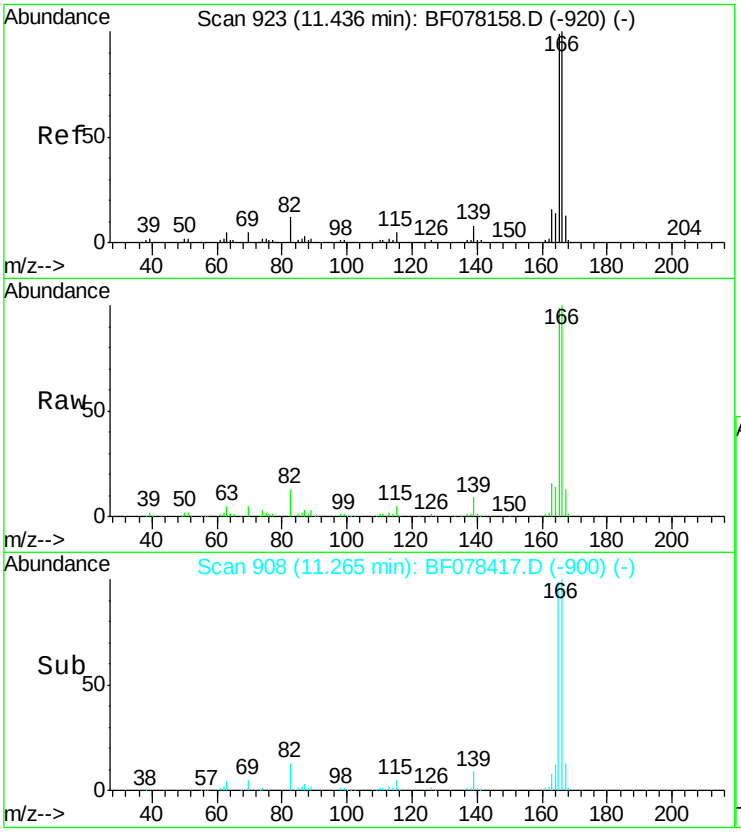




#56
2,4-Dinitrotoluene
Concen: 47.21 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:165 Resp: 70450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 28.2 | 26.5 | 39.7 |
| 89 | 53.4 | 46.4 | 69.6 |
| 182 | 2.5 | 2.0 | 3.0 |



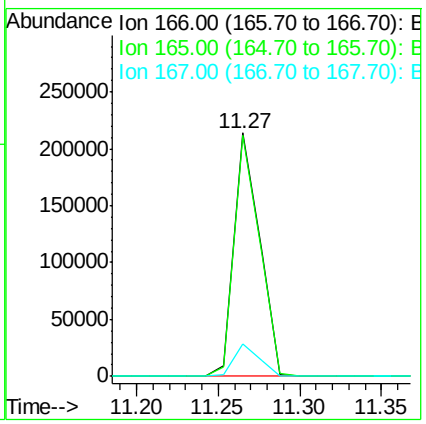


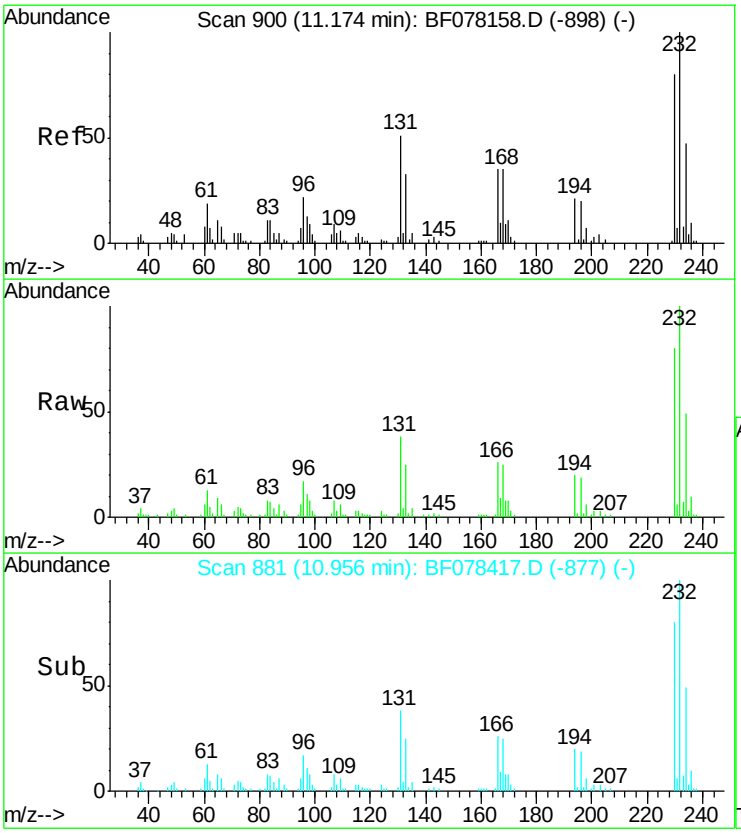

#57
Fluorene
Concen: 42.55 ng
RT: 11.27 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:166 Resp: 229726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 78.9 | 118.3 |
| 167 | 13.2 | 10.7 | 16.1 |

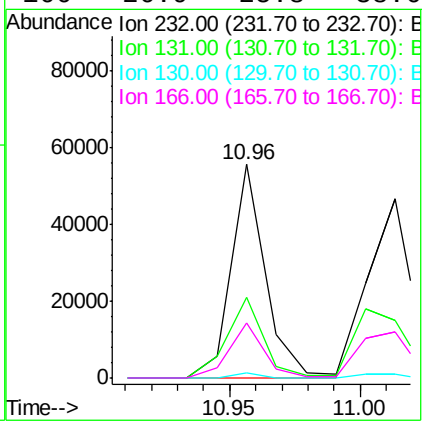


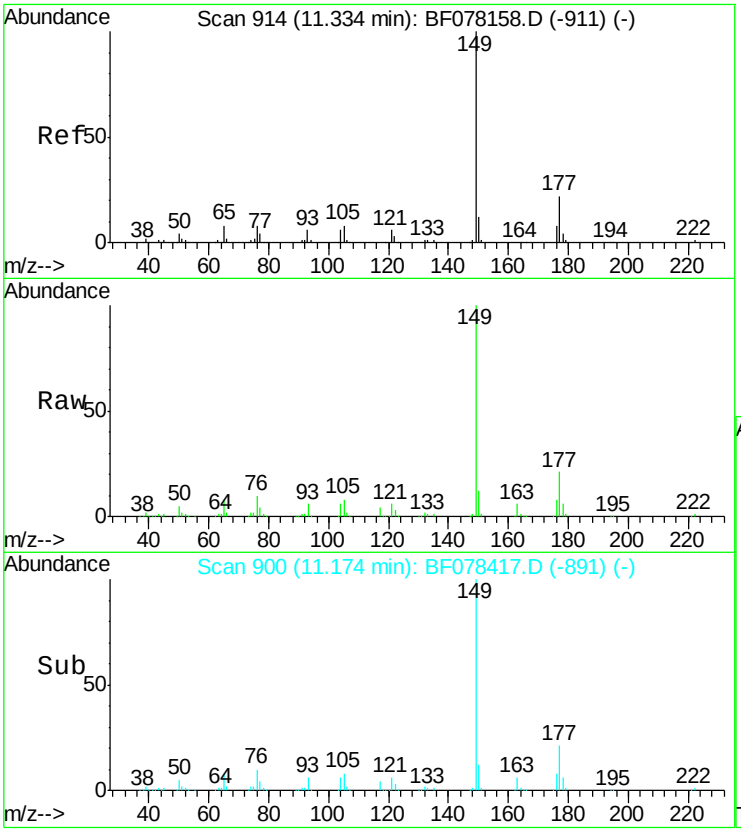




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.61 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.06 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:232 Resp: 51450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.1 | 37.8 | 56.8 |
| 130 | 1.7 | 1.5 | 2.3 |
| 166 | 26.9 | 25.8 | 38.6 |



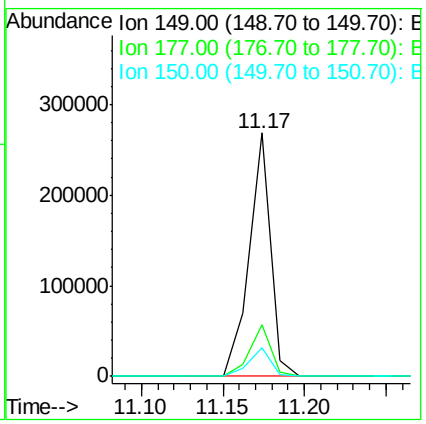


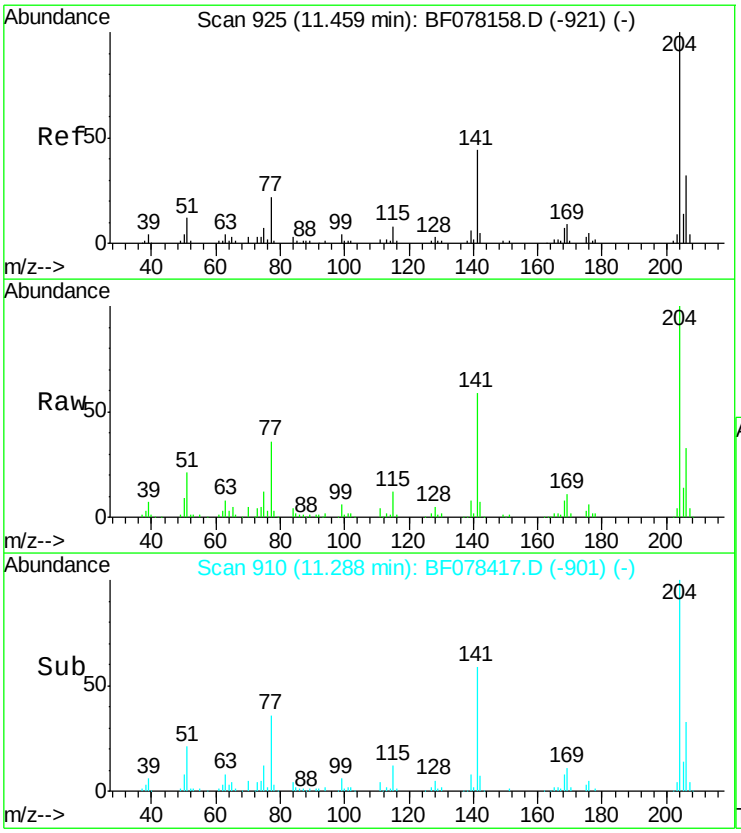

#59
Diethylphthalate
Concen: 45.27 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:149 Resp: 244448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.4 | 17.4 | 26.2 |
| 150 | 12.0 | 9.4 | 14.2 |

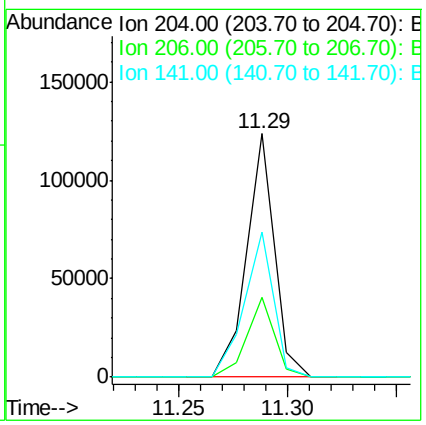


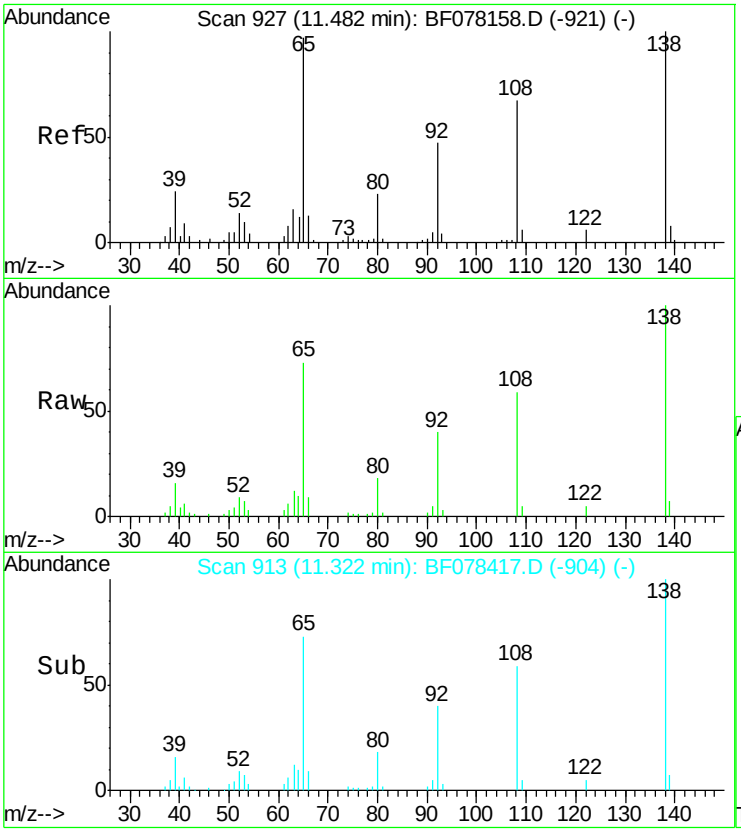




#60
4-Chlorophenyl-phenylether
Concen: 44.16 ng
RT: 11.29 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:204 Resp: 109684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 25.6 | 38.4 |
| 141 | 59.5 | 35.4 | 53.0# |



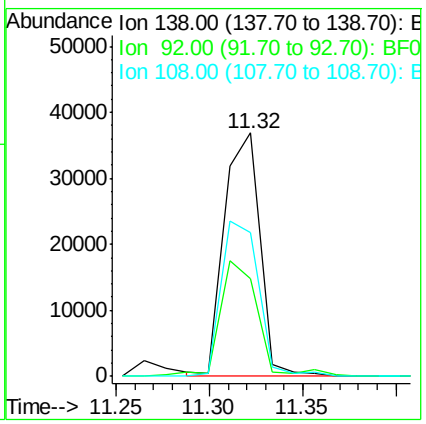


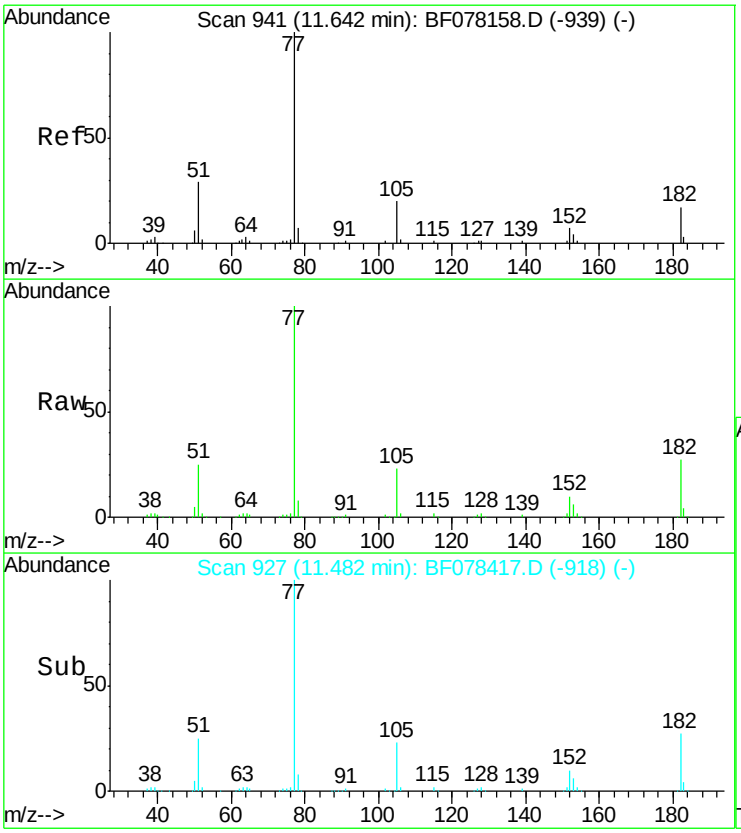

#61
4-Nitroaniline
Concen: 37.42 ng
RT: 11.32 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:138 Resp: 49559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 39.9 | 27.3 | 67.3 |
| 108 | 58.9 | 47.2 | 87.2 |

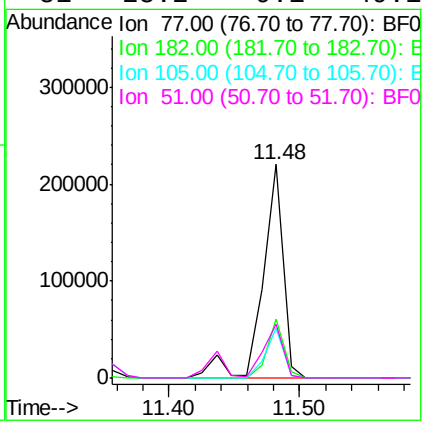


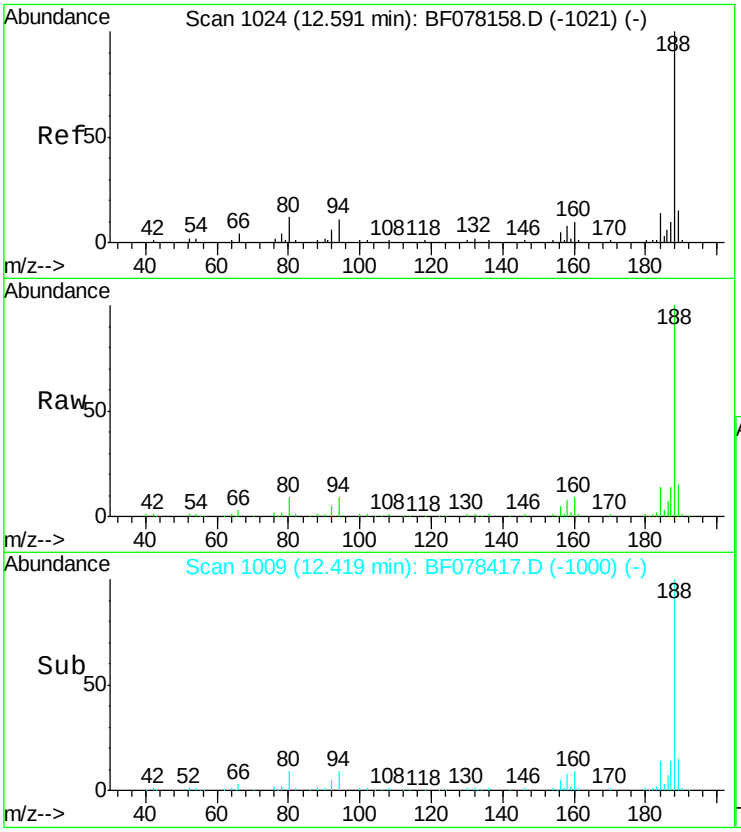




#62
Azobenzene
Concen: 49.95 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion: 77 Resp: 246158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.4 | 0.0 | 36.8 |
| 105 | 23.4 | 0.3 | 40.3 |
| 51 | 25.2 | 9.1 | 49.1 |



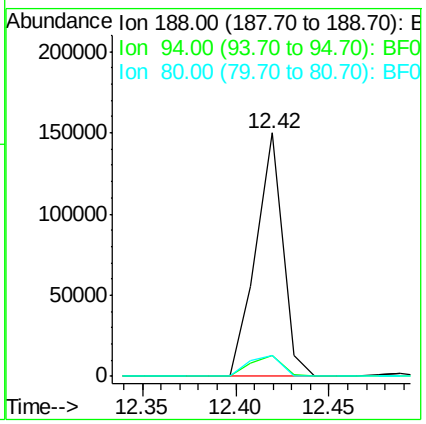


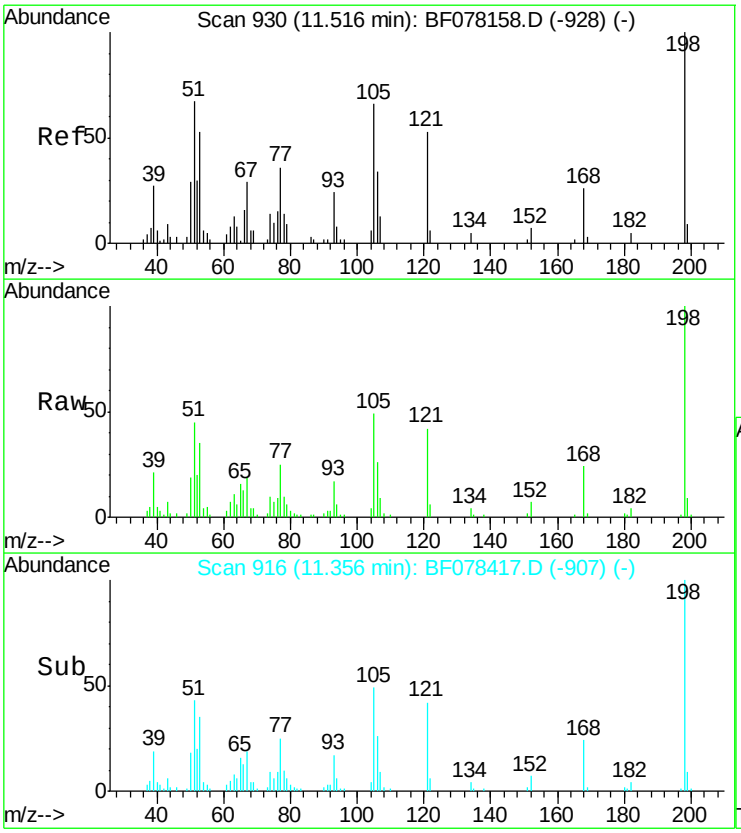

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:188 Resp: 150577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 9.0 | 13.4# |
| 80 | 8.5 | 9.5 | 14.3# |

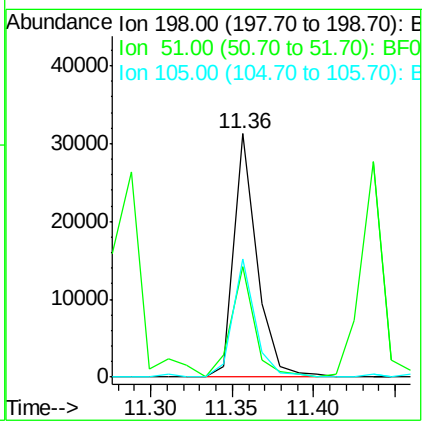


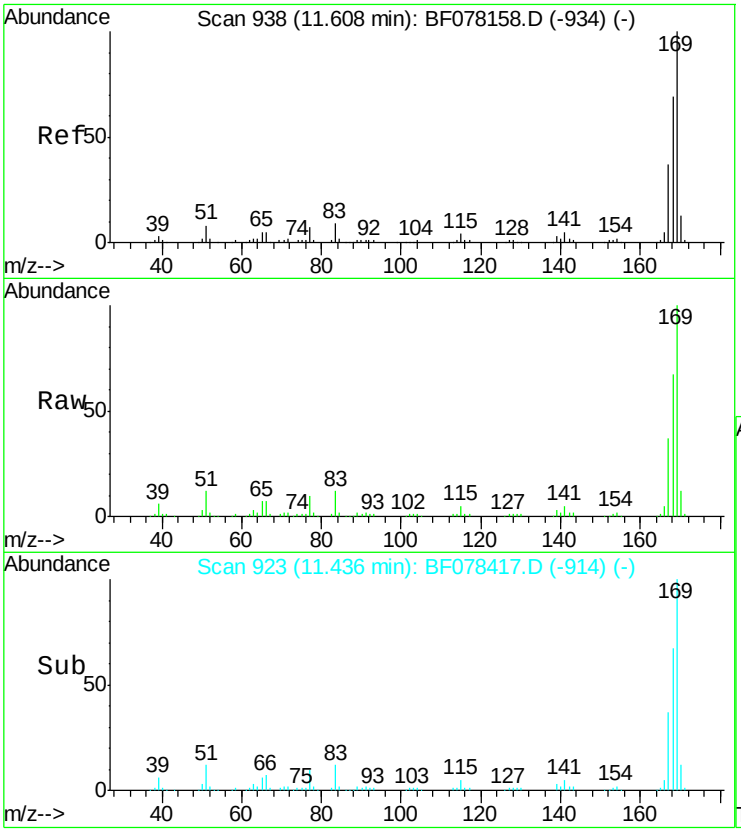




#64
4,6-Dinitro-2-methylphenol
Concen: 42.04 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:198 Resp: 30457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.1 | 48.6 | 88.6# |
| 105 | 48.5 | 45.8 | 85.8 |



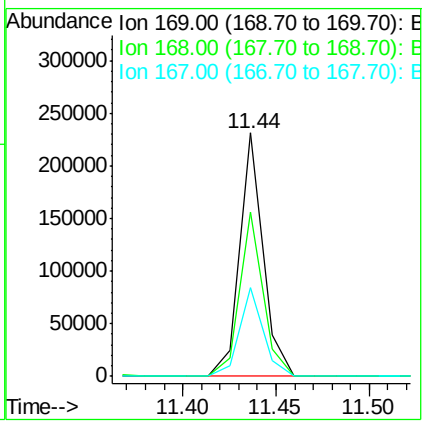


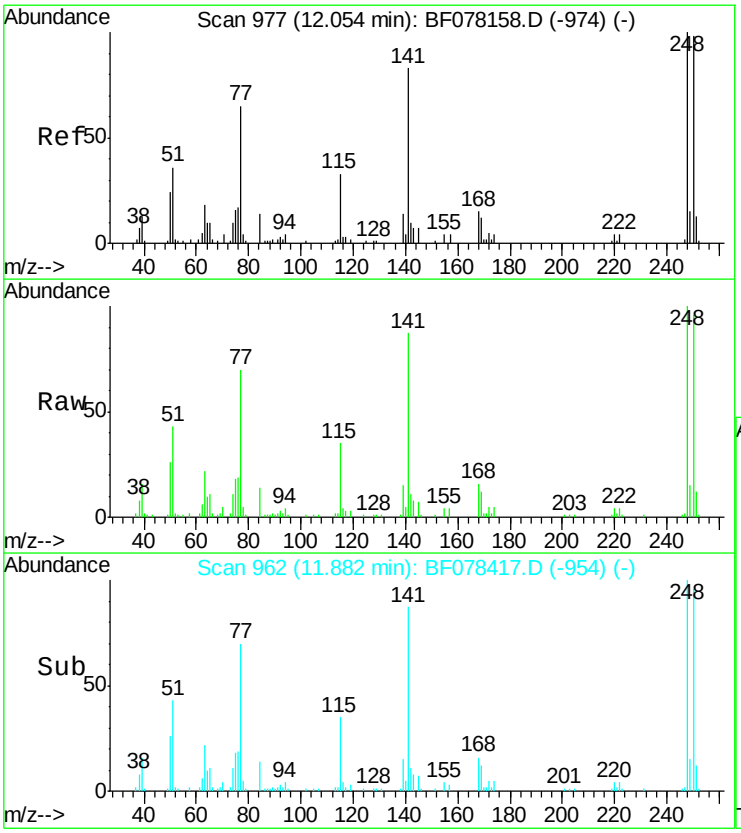

#65
n-Nitrosodiphenylamine
Concen: 39.02 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:169 Resp: 203214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 55.0 | 82.4 |
| 167 | 36.6 | 29.3 | 43.9 |

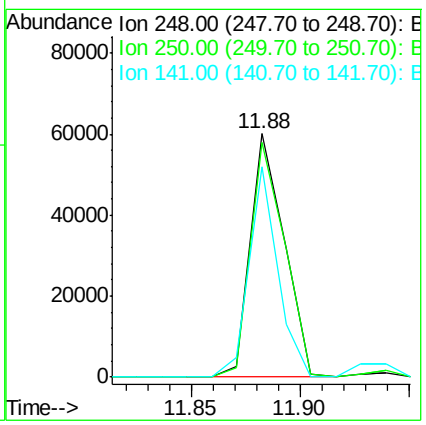


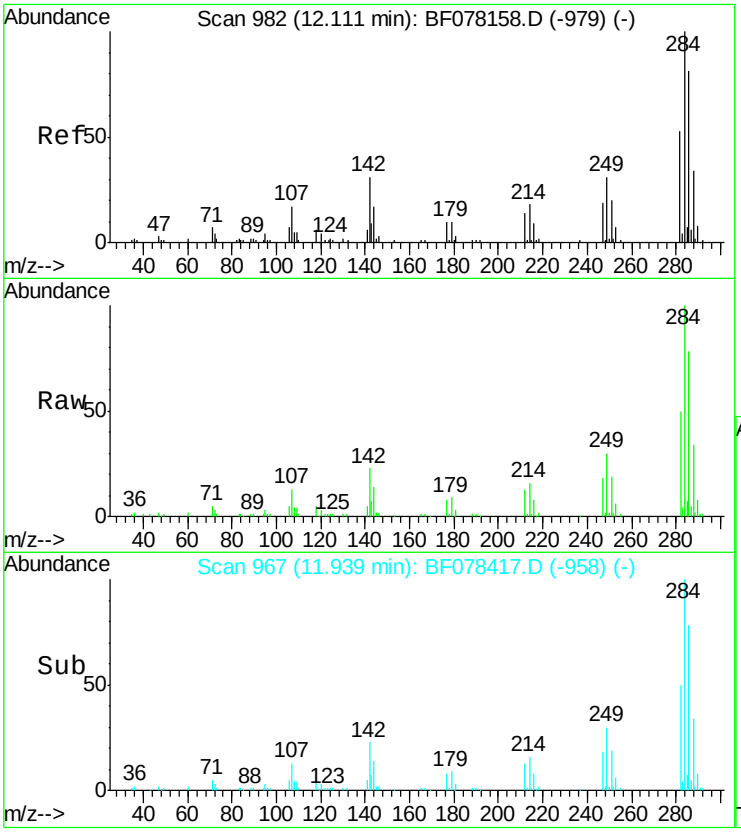




#66
4-Bromophenyl-phenylether
Concen: 40.82 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:248 Resp: 65097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 78.2 | 117.2 |
| 141 | 86.6 | 66.4 | 99.6 |



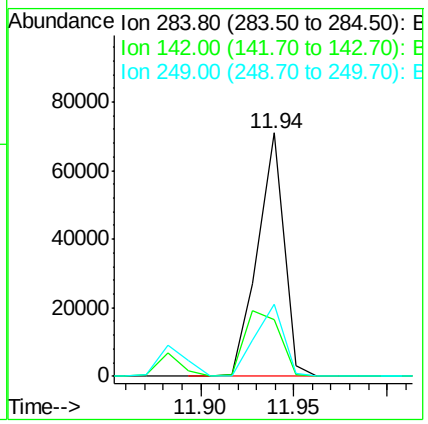


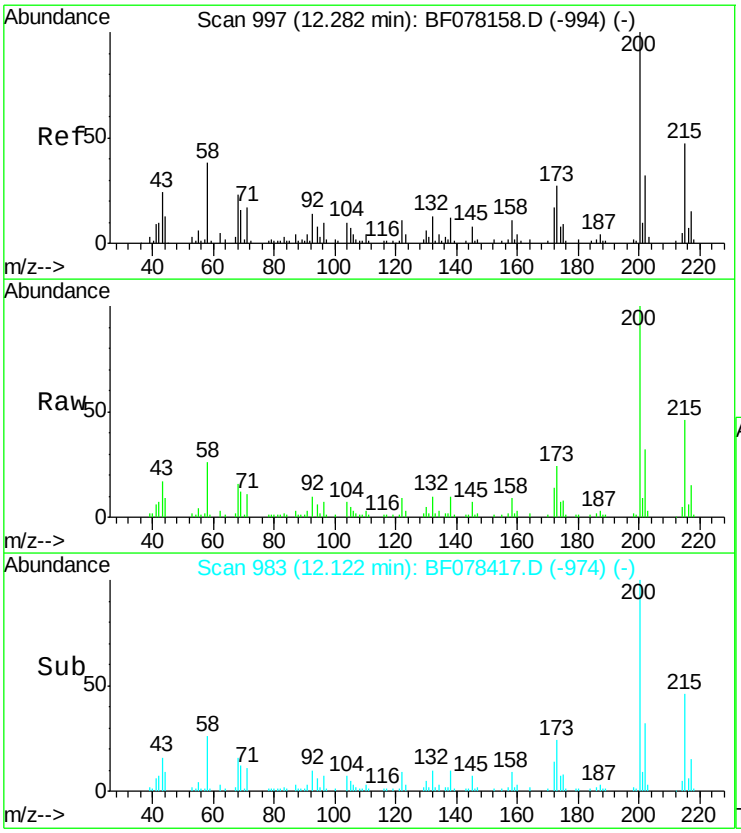

#67
Hexachlorobenzene
Concen: 39.87 ng
RT: 11.94 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:284 Resp: 69669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.1 | 24.5 | 36.7# |
| 249 | 29.8 | 24.8 | 37.2 |

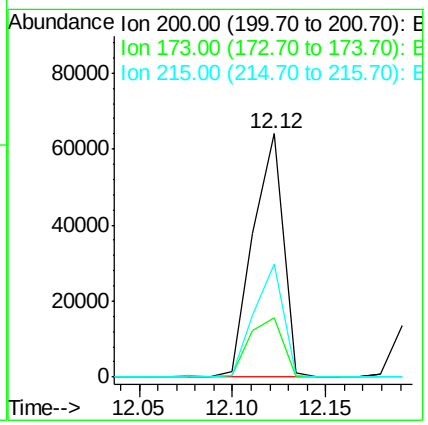


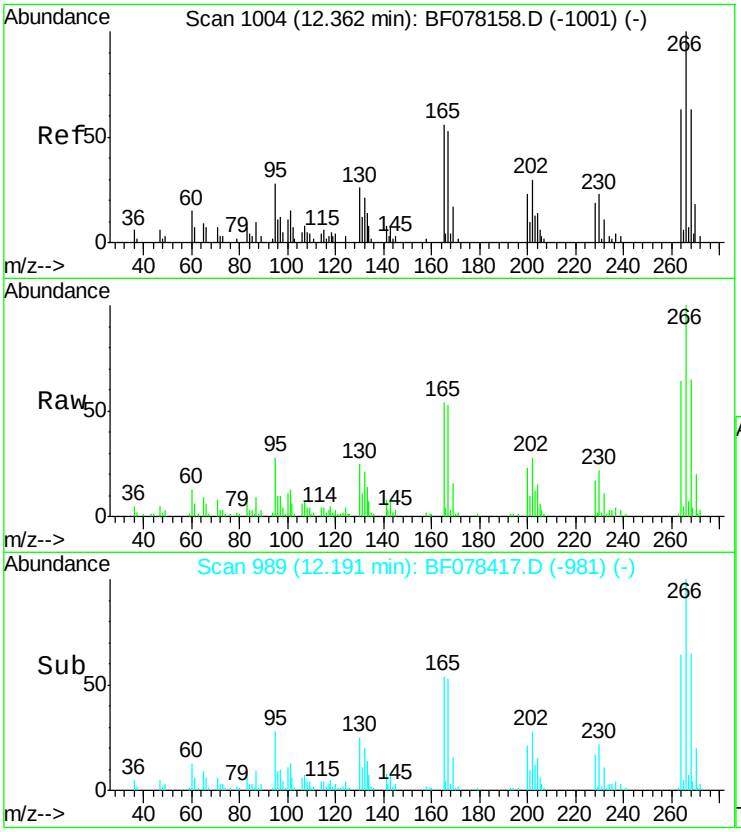




#68
Atrazine
Concen: 47.53 ng
RT: 12.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:200 Resp: 71700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.4 | 6.9 | 46.9 |
| 215 | 46.5 | 27.1 | 67.1 |



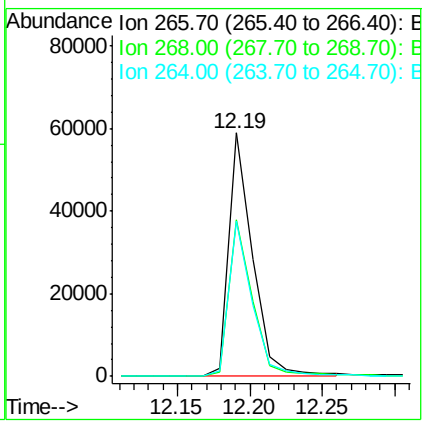


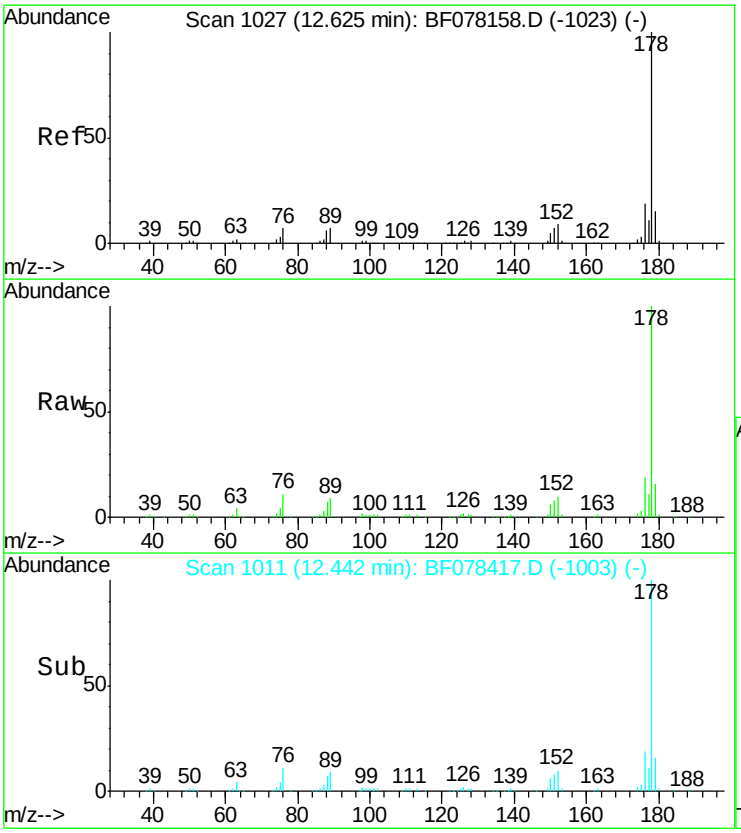

#69
Pentachlorophenol
Concen: 86.12 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:266 Resp: 67241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.5 | 50.1 | 75.1 |
| 264 | 63.7 | 50.0 | 75.0 |

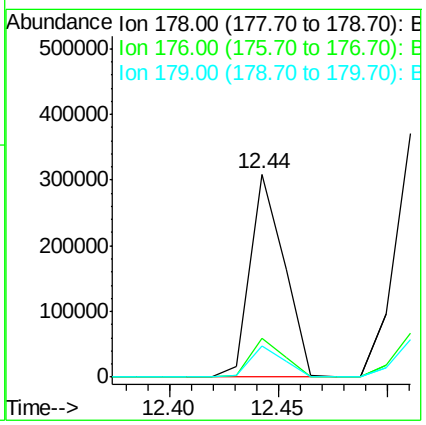


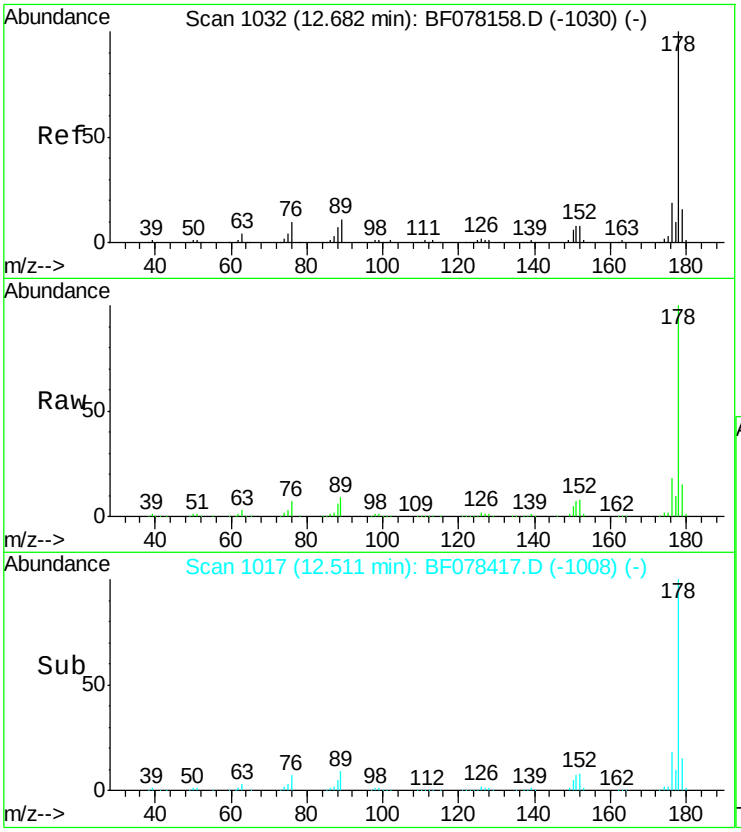




#70
Phenanthrene
Concen: 38.91 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:178 Resp: 338905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.0 |
| 179 | 15.6 | 12.2 | 18.2 |



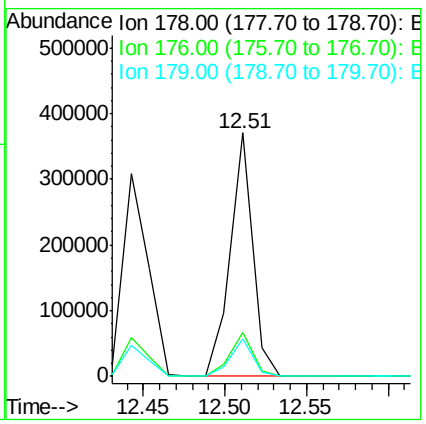


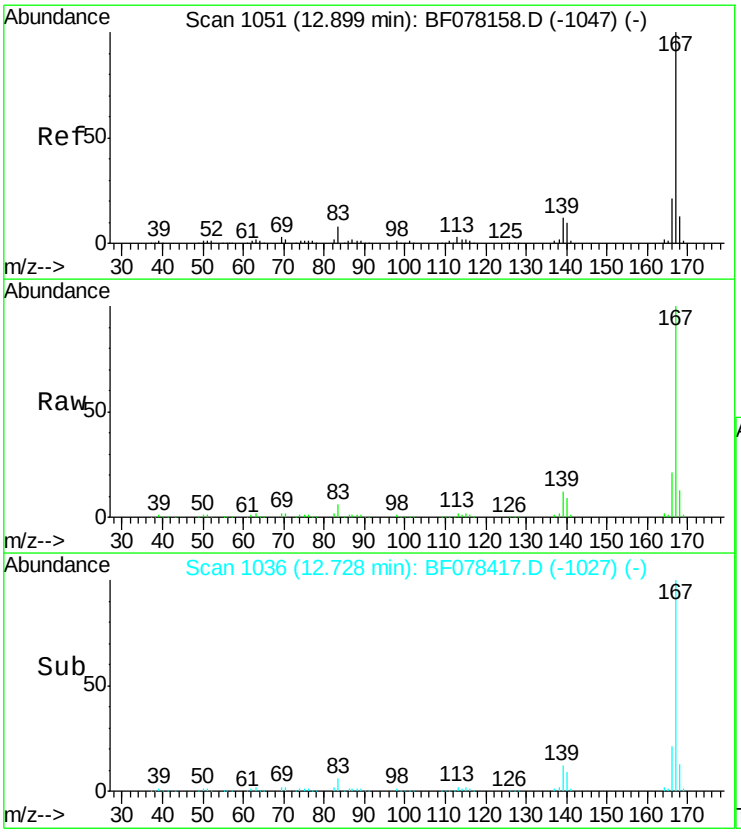

#71
Anthracene
Concen: 40.84 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:178 Resp: 350501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.8 | 22.2 |
| 179 | 15.4 | 12.4 | 18.6 |

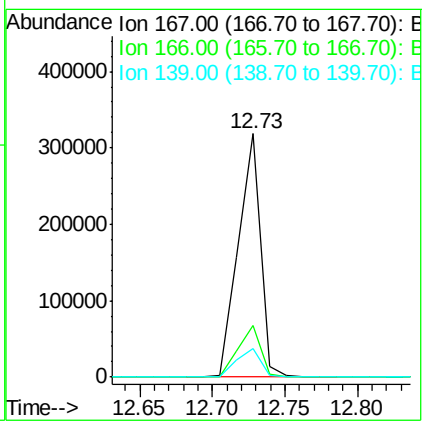


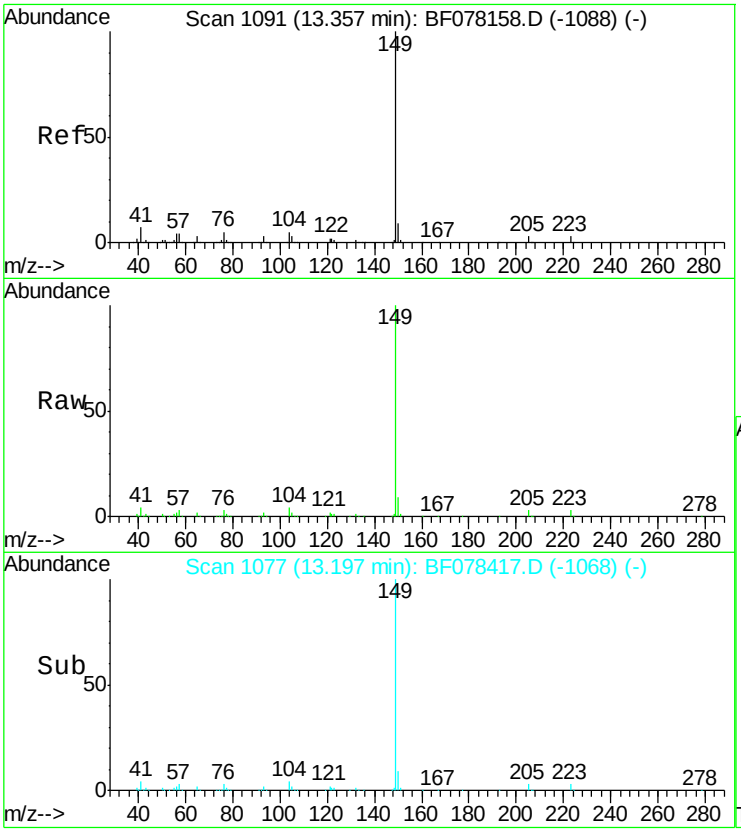




#72
Carbazole
Concen: 42.31 ng
RT: 12.73 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:167 Resp: 340301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 16.8 | 25.2 |
| 139 | 11.5 | 10.0 | 15.0 |



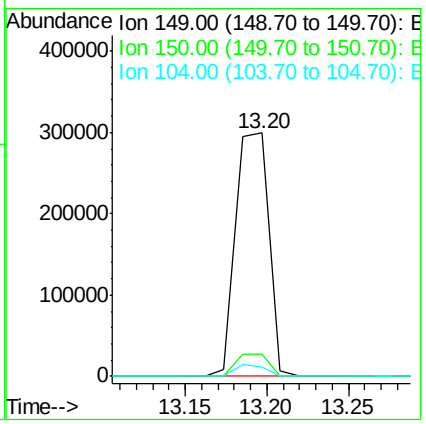


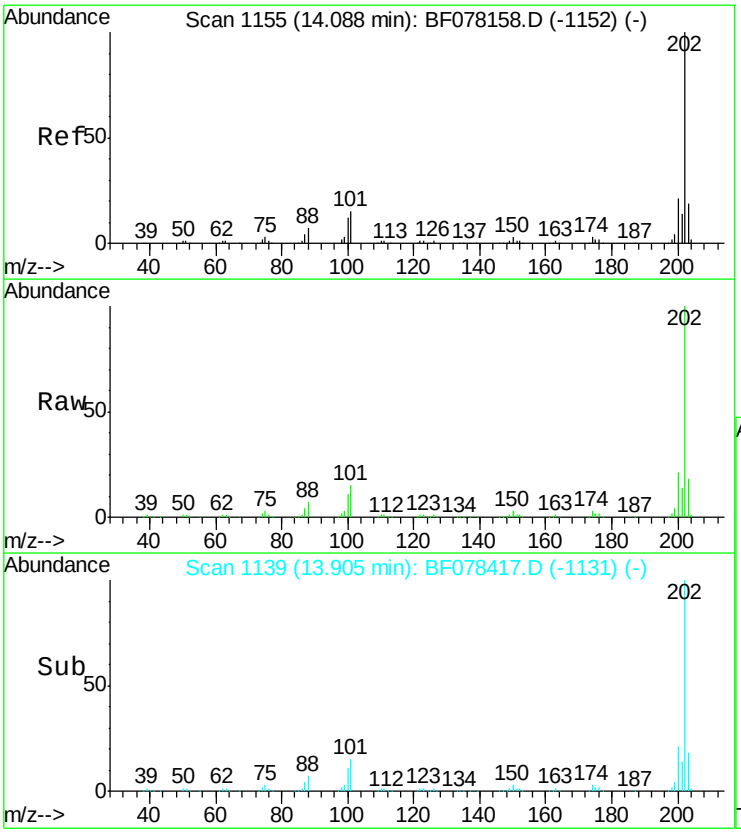

#73
Di-n-butylphthalate
Concen: 45.91 ng
RT: 13.20 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:149 Resp: 418342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.1 | 10.7 |
| 104 | 3.7 | 3.8 | 5.6# |

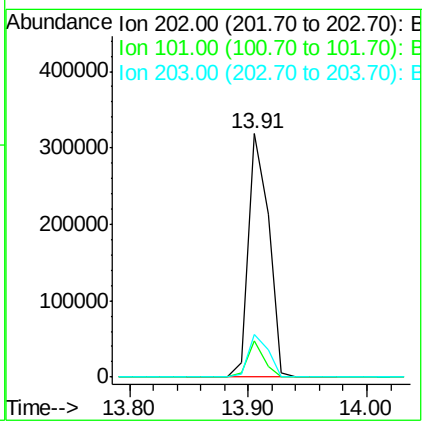


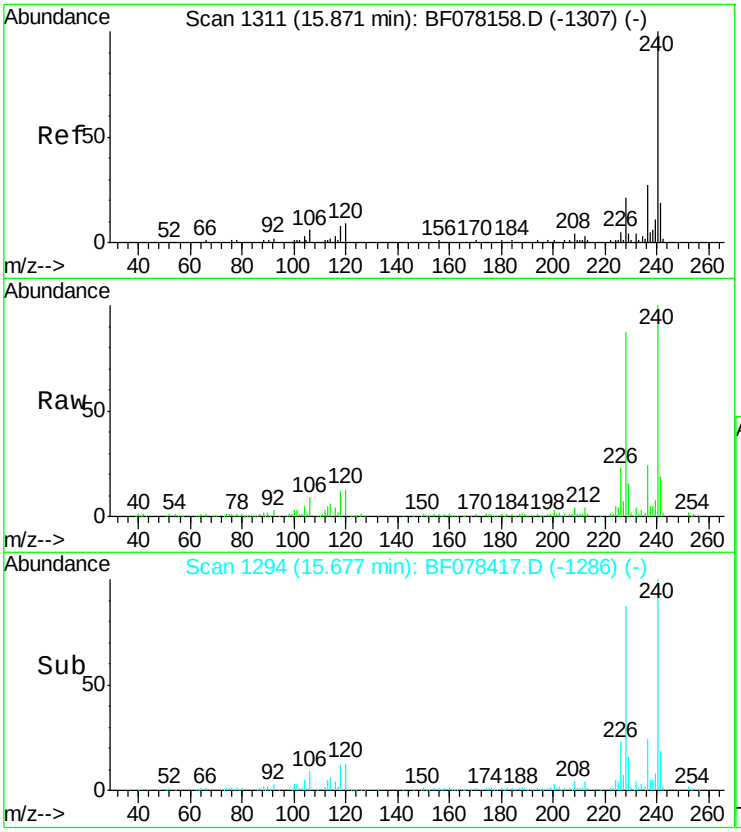




#74
Fluoranthene
Concen: 41.78 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:202 Resp: 383750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.7 | 0.0 | 35.2 |
| 203 | 17.8 | 0.0 | 38.5 |



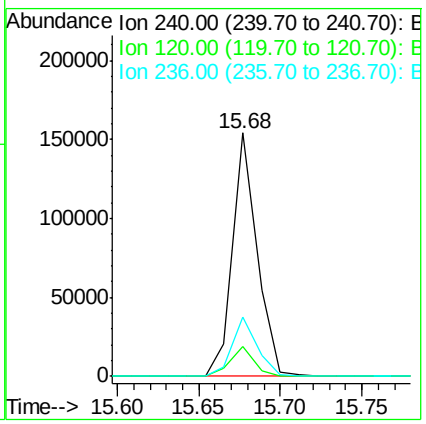


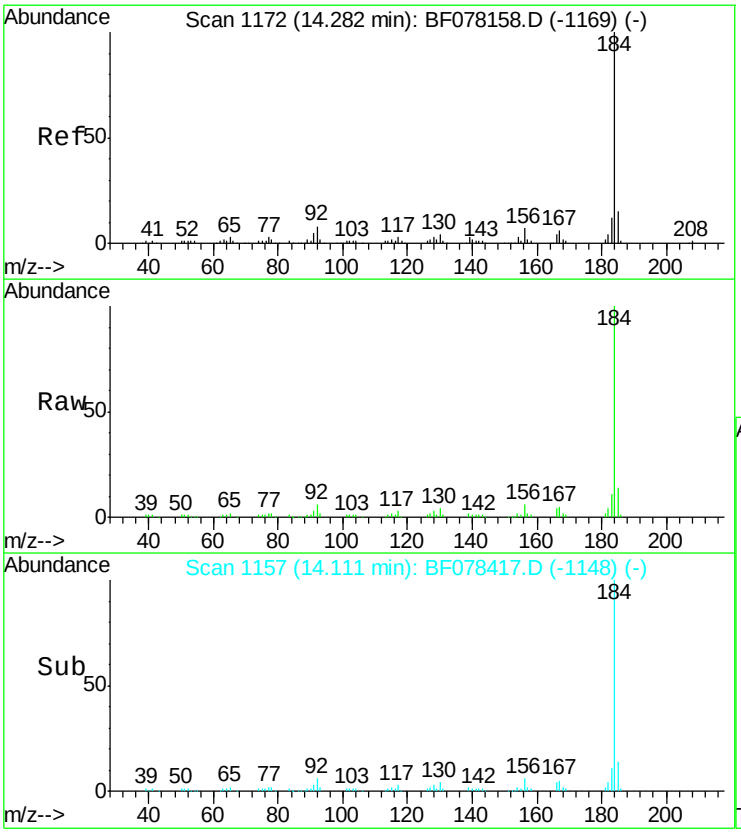

#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:240 Resp: 159835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 7.1 | 10.7# |
| 236 | 24.5 | 21.4 | 32.2 |

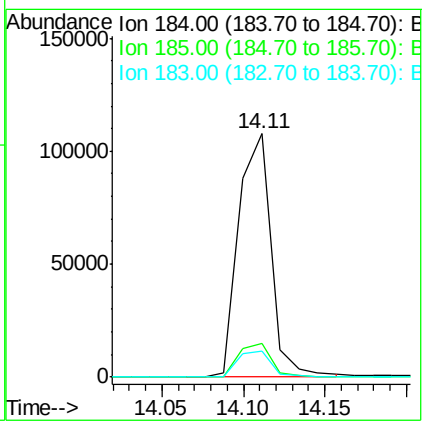


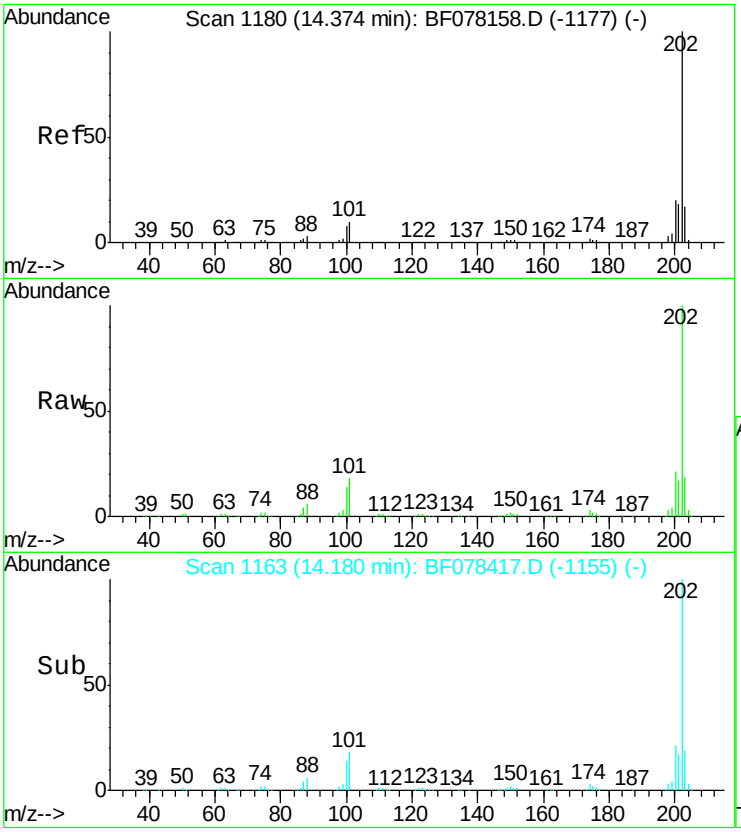




#76
Benzidine
Concen: 24.20 ng
RT: 14.11 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:184 Resp: 148950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 12.2 | 18.2 |
| 183 | 10.8 | 9.5 | 14.3 |



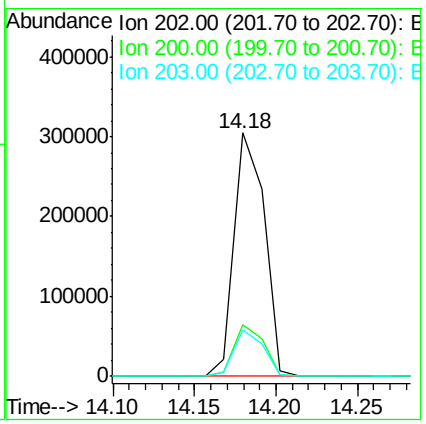


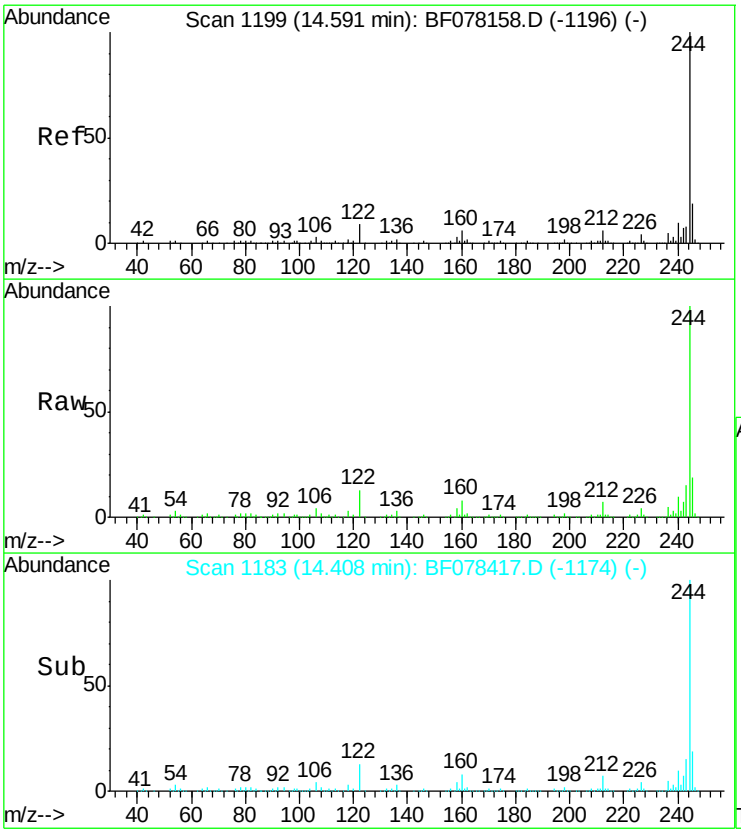

#77
Pyrene
Concen: 38.92 ng
RT: 14.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:202 Resp: 390474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.3 | 24.5 |
| 203 | 18.9 | 13.8 | 20.6 |

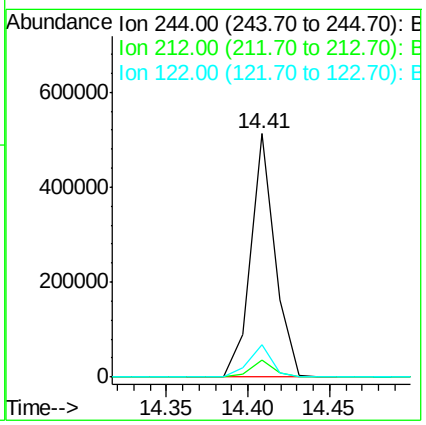


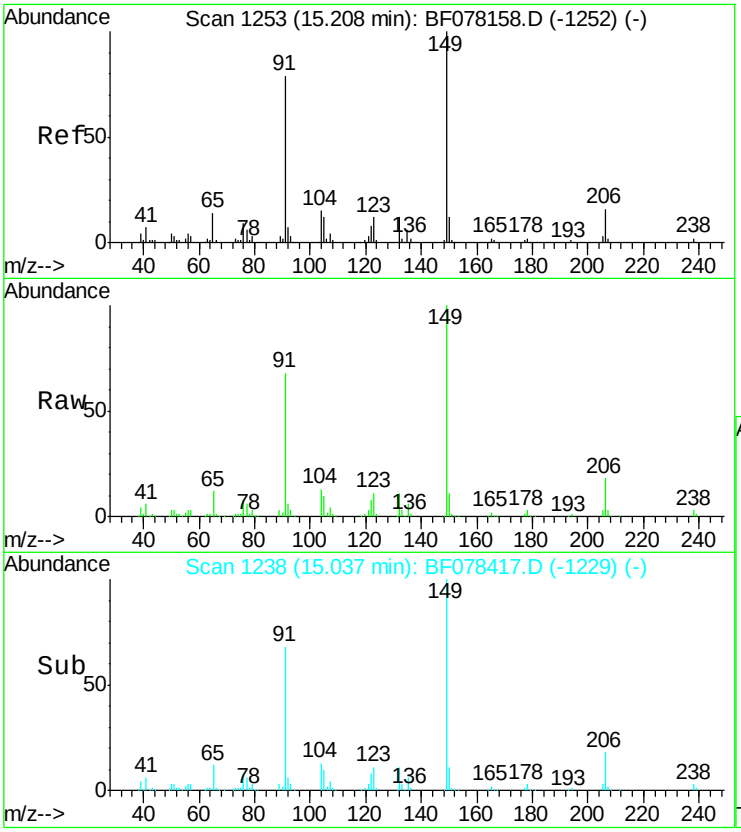




#78
Terphenyl-d14
Concen: 74.64 ng
RT: 14.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:244 Resp: 527939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.0 | 7.4 |
| 122 | 13.2 | 7.1 | 10.7# |



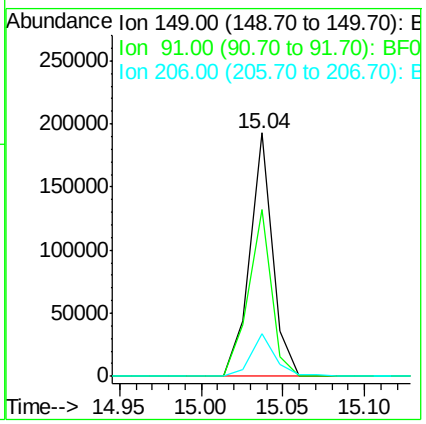


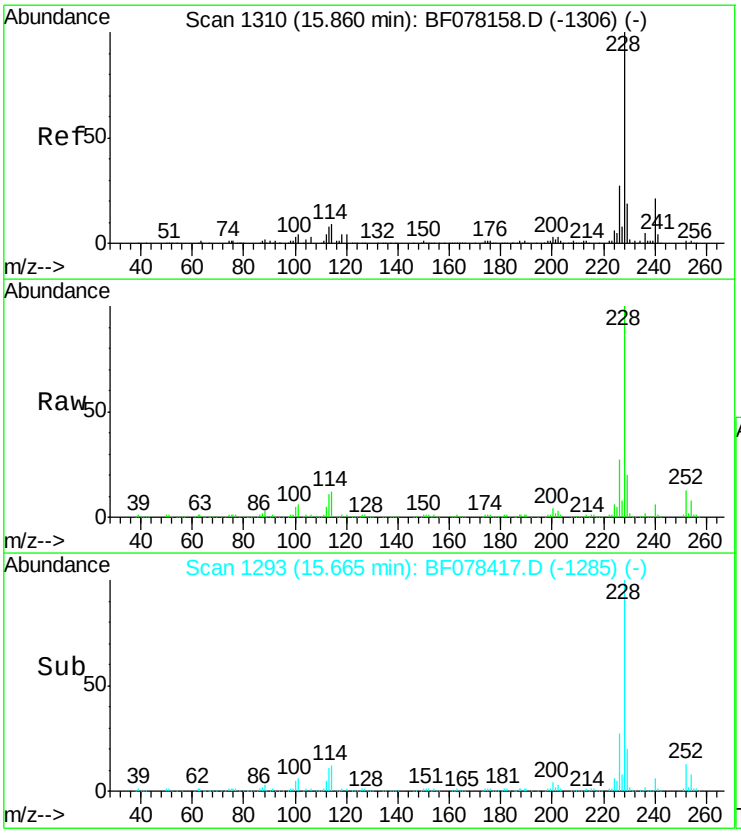

#79
Butylbenzylphthalate
Concen: 49.09 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:149 Resp: 187748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.3 | 64.2 | 96.2 |
| 206 | 17.7 | 12.6 | 18.8 |

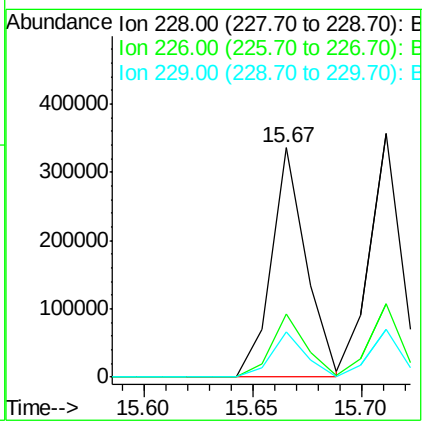


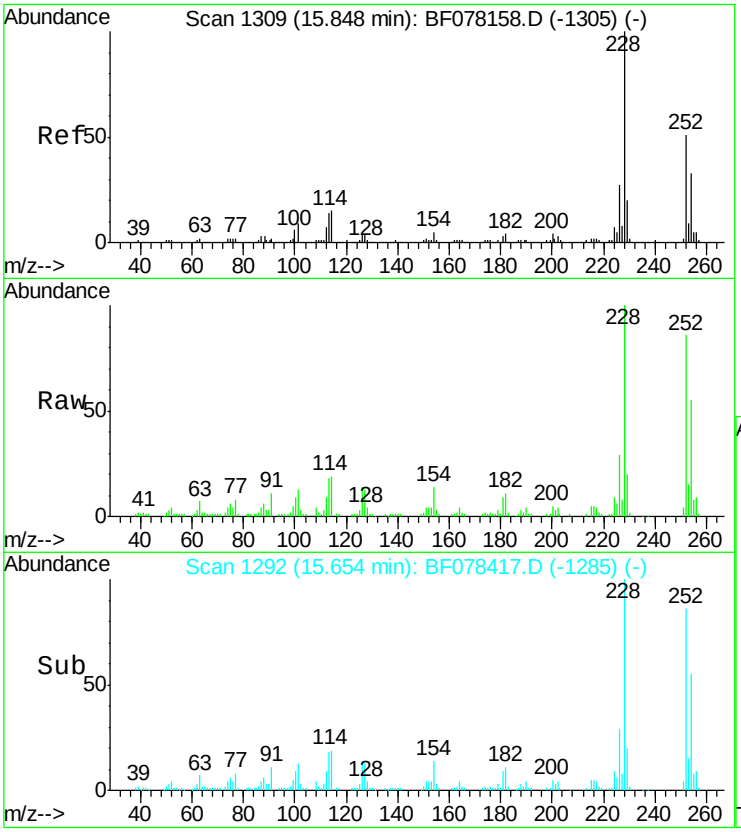




#80
Benzo(a)anthracene
Concen: 39.58 ng
RT: 15.67 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:228 Resp: 376396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 21.3 | 31.9 |
| 229 | 19.9 | 15.4 | 23.2 |



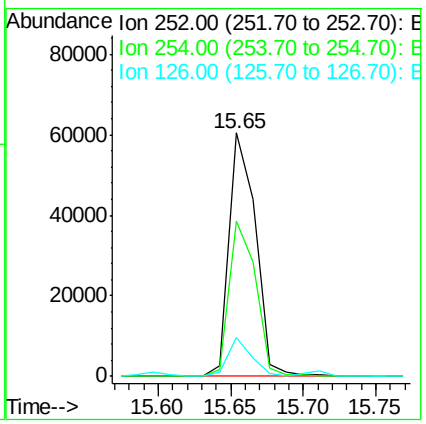


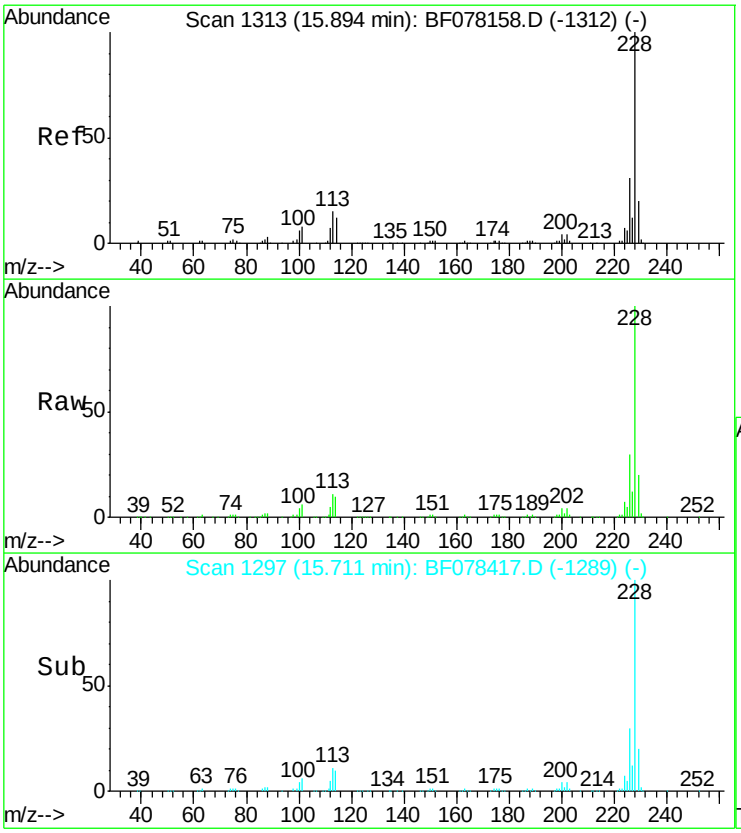

#81
3,3'-Dichlorobenzidine
Concen: 24.05 ng
RT: 15.65 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:252 Resp: 76592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 51.2 | 76.8 |
| 126 | 15.8 | 6.3 | 9.5# |

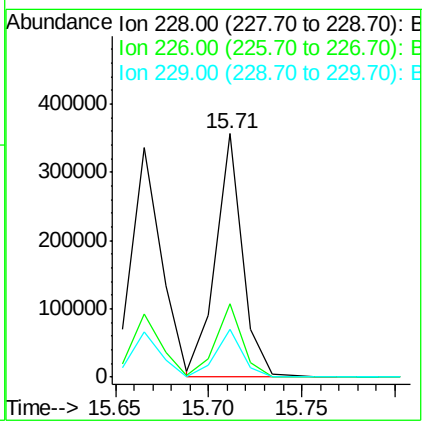


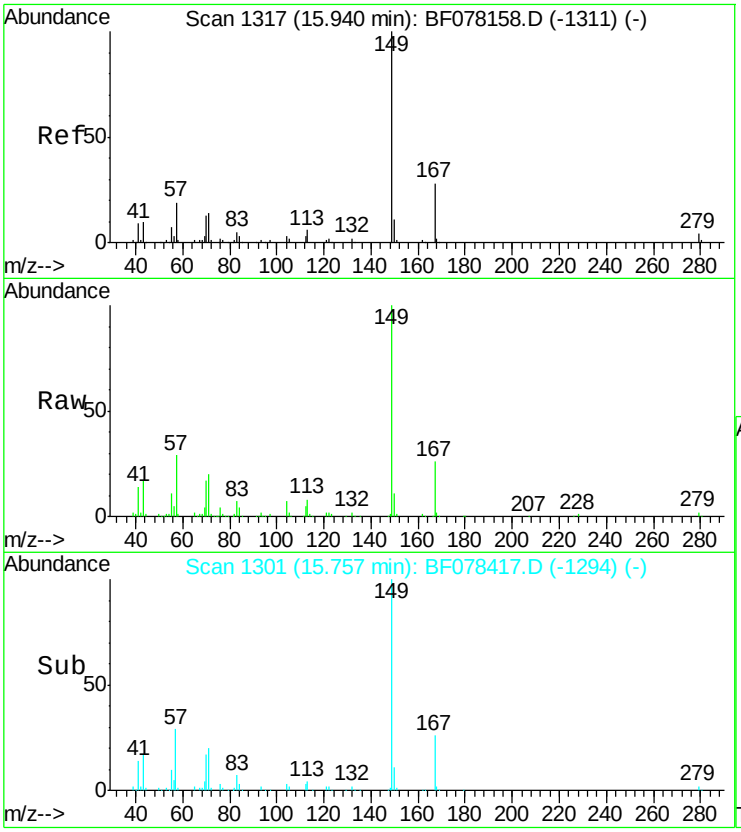




#82
Chrysene
Concen: 40.06 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:228 Resp: 357920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.2 | 36.4 |
| 229 | 19.7 | 15.8 | 23.8 |



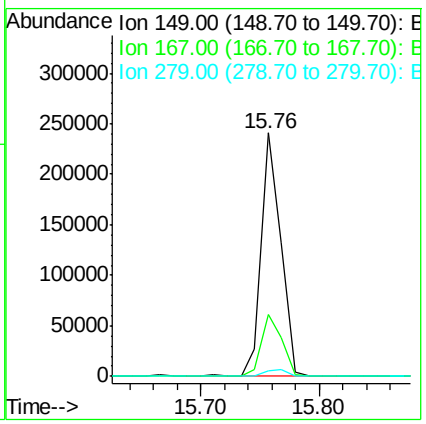


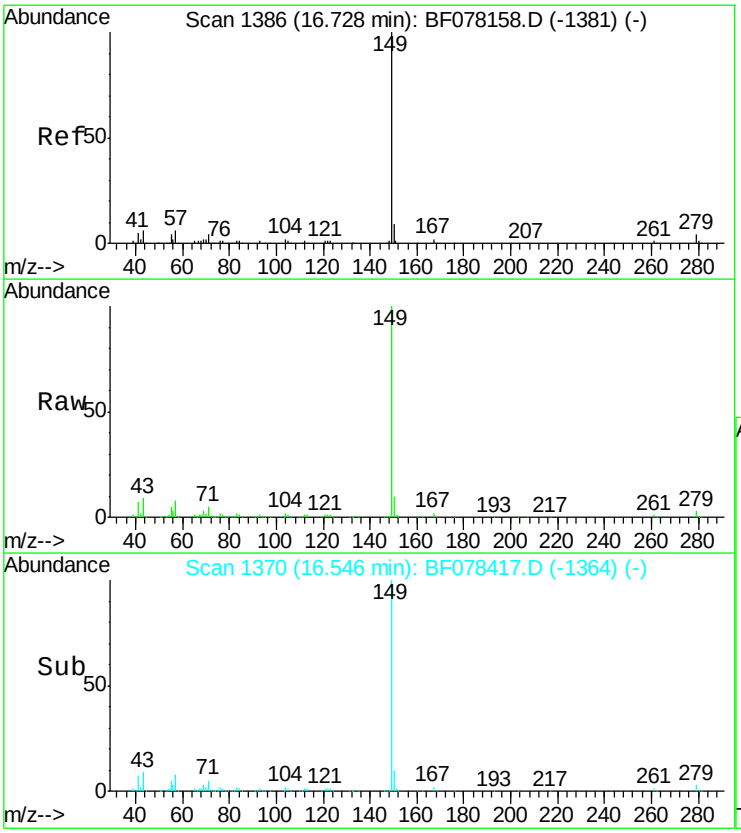

#83
Bis(2-ethylhexyl)phthalate
Concen: 46.61 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:149 Resp: 279548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.5 | 22.2 | 33.2 |
| 279 | 2.5 | 3.2 | 4.8# |

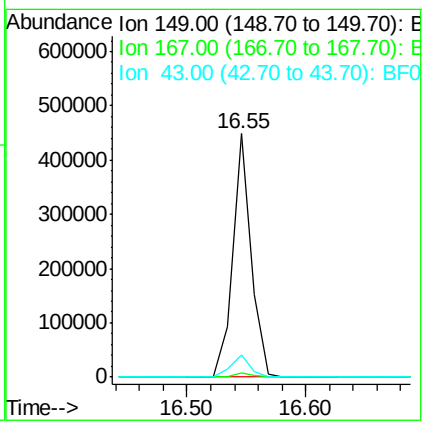


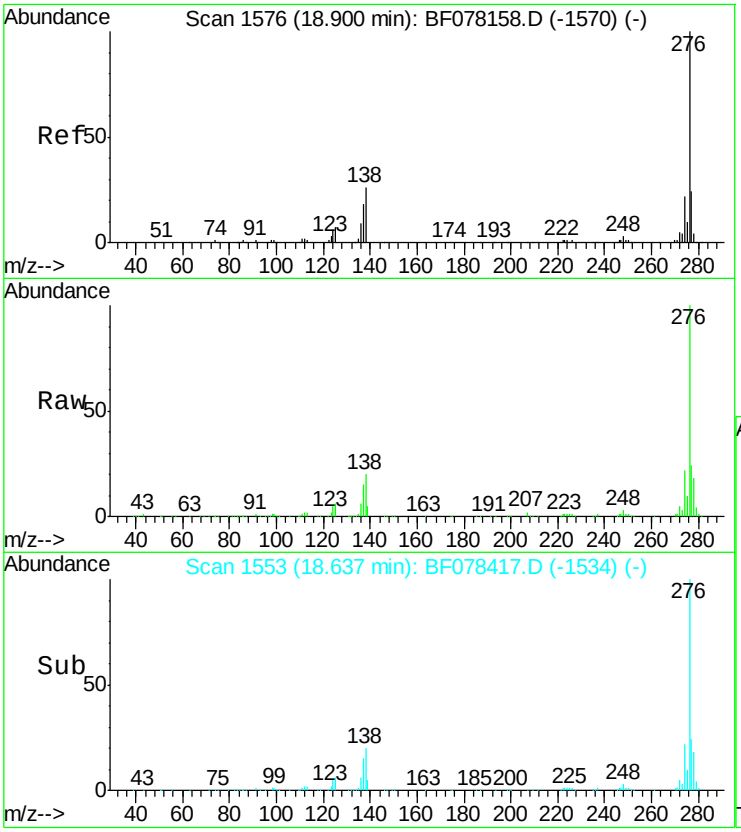




#84
Di-n-octyl phthalate
Concen: 49.28 ng
RT: 16.55 min Scan# 1370
Delta R.T. -0.03 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:149 Resp: 485381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 0.0 | 0.0# |
| 43 | 9.4 | 0.0 | 0.0# |



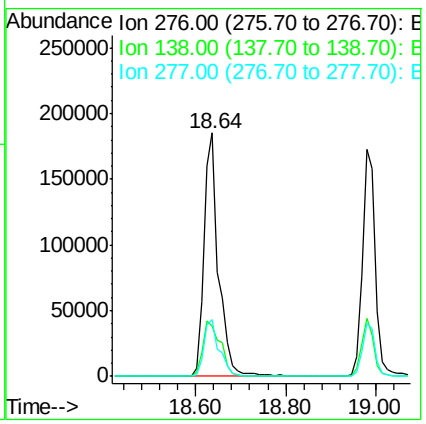


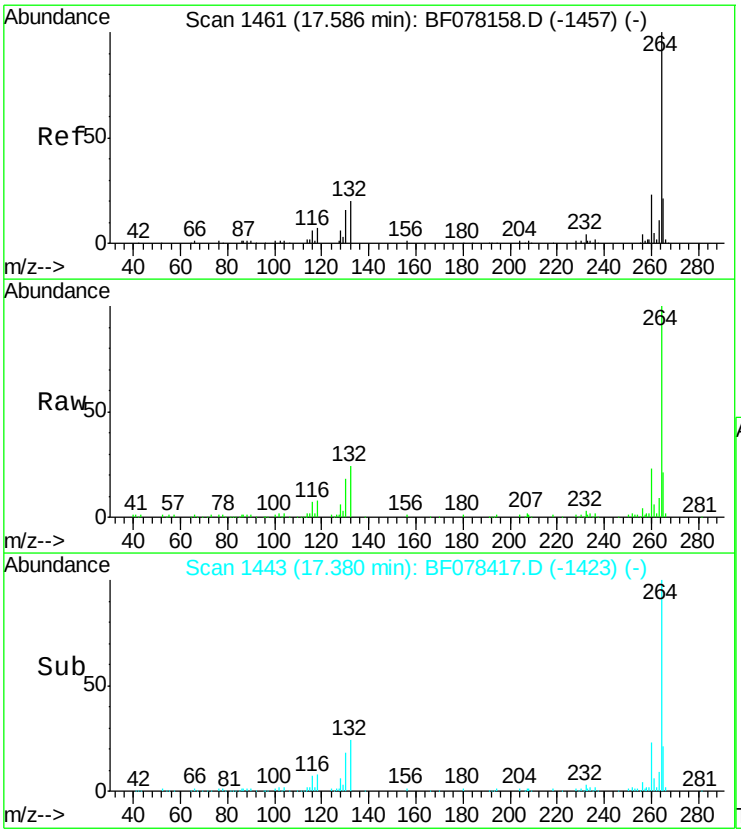

#85
Indeno(1,2,3-cd)pyrene
Concen: 40.73 ng
RT: 18.64 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:276 Resp: 412900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.3 | 16.9 | 25.3# |
| 277 | 24.8 | 15.8 | 23.6# |

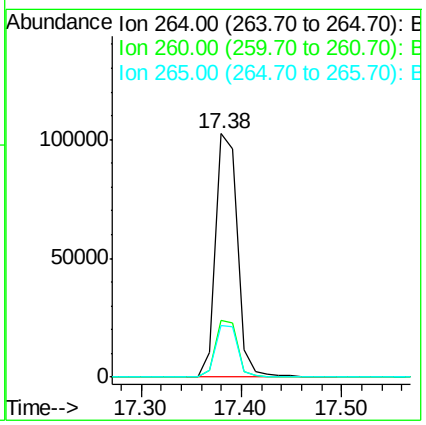


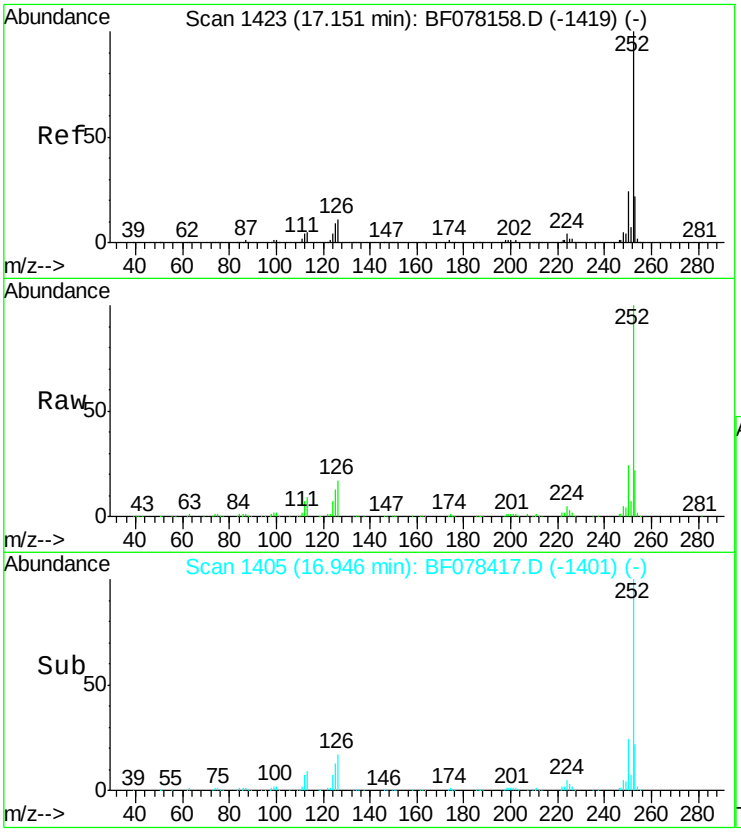




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:264 Resp: 154733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.6 | 27.8 |
| 265 | 21.4 | 17.0 | 25.6 |



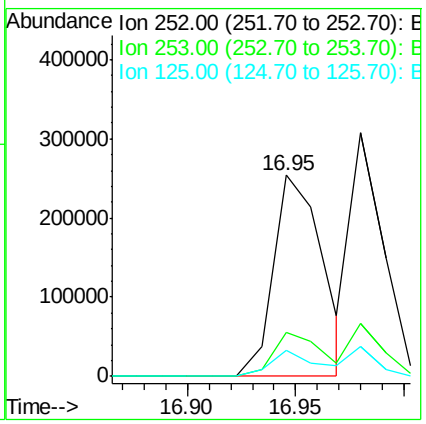


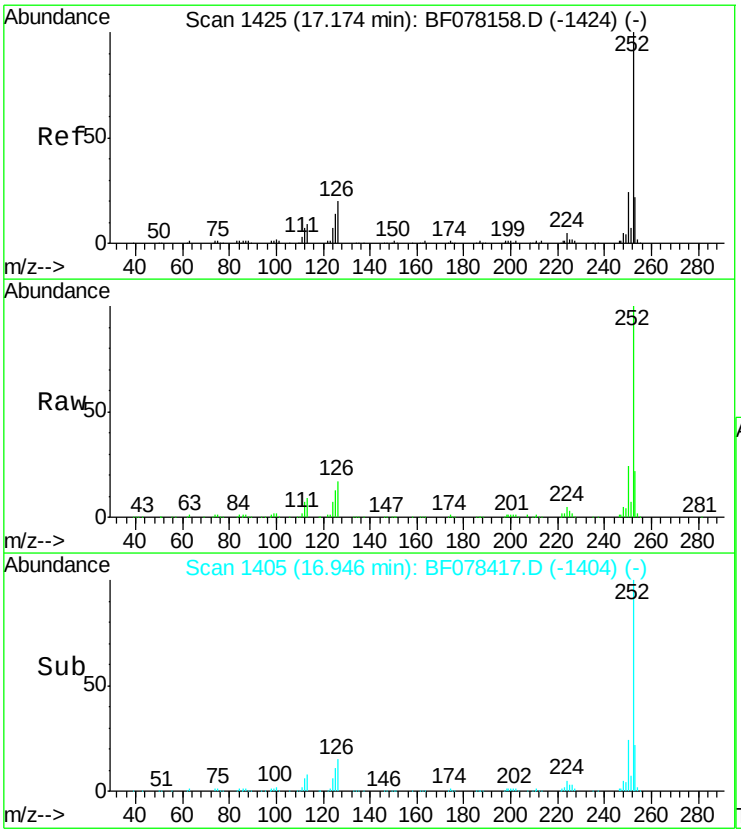

#87
Benzo(b)fluoranthene
Concen: 41.76 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.06 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:252 Resp: 399398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.2 | 25.8 |
| 125 | 12.7 | 7.0 | 10.4# |

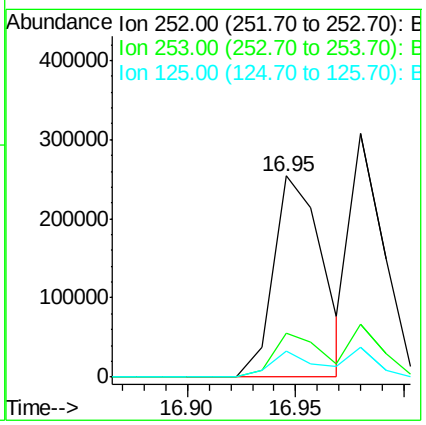


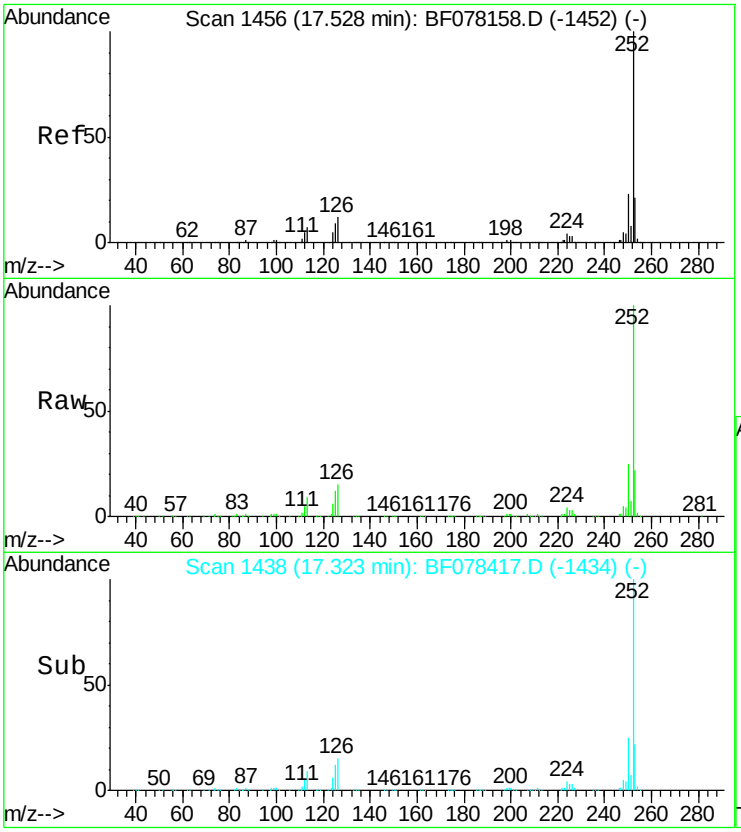




#88
Benzo(k)fluoranthene
Concen: 47.00 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.09 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:252 Resp: 399398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.5 | 26.3 |
| 125 | 12.7 | 11.6 | 17.4 |



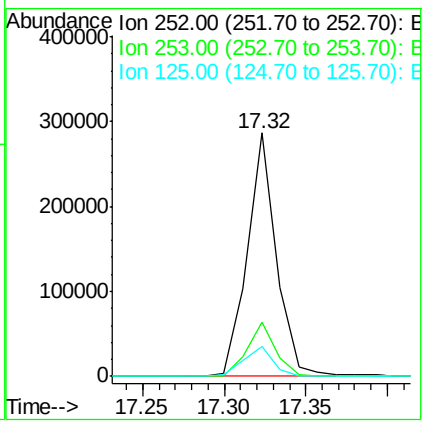


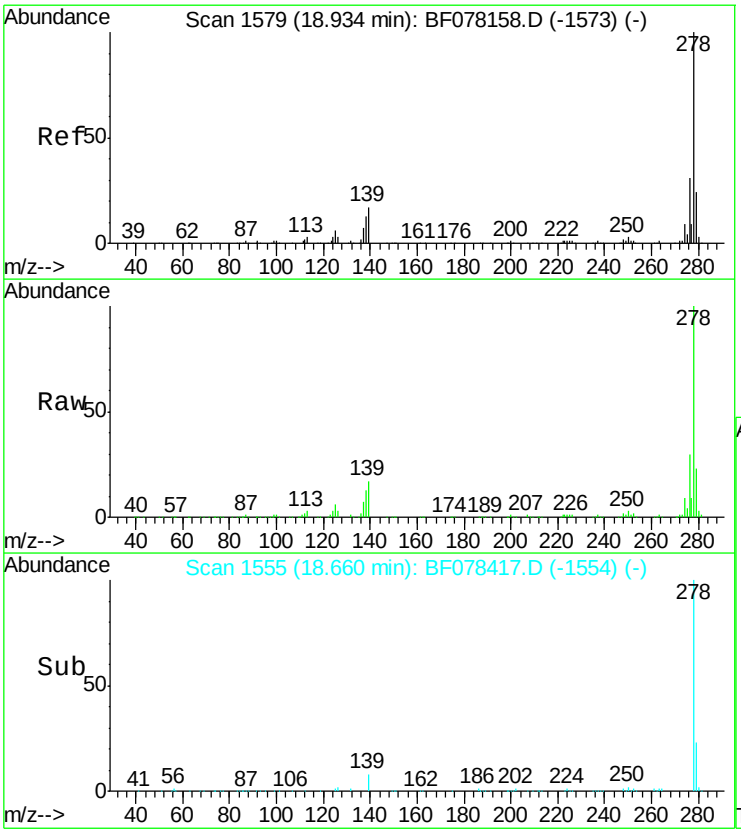

#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 17.32 min Scan# 1438
Delta R.T. -0.06 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:252 Resp: 354634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 16.8 | 25.2 |
| 125 | 12.2 | 7.4 | 11.0# |

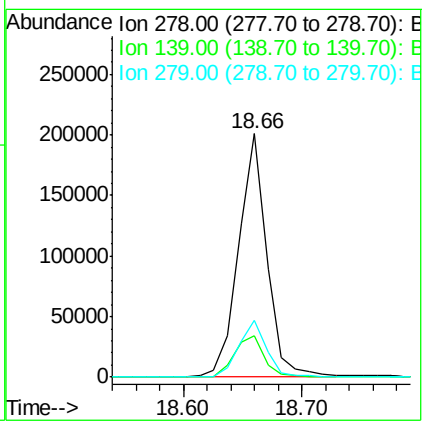


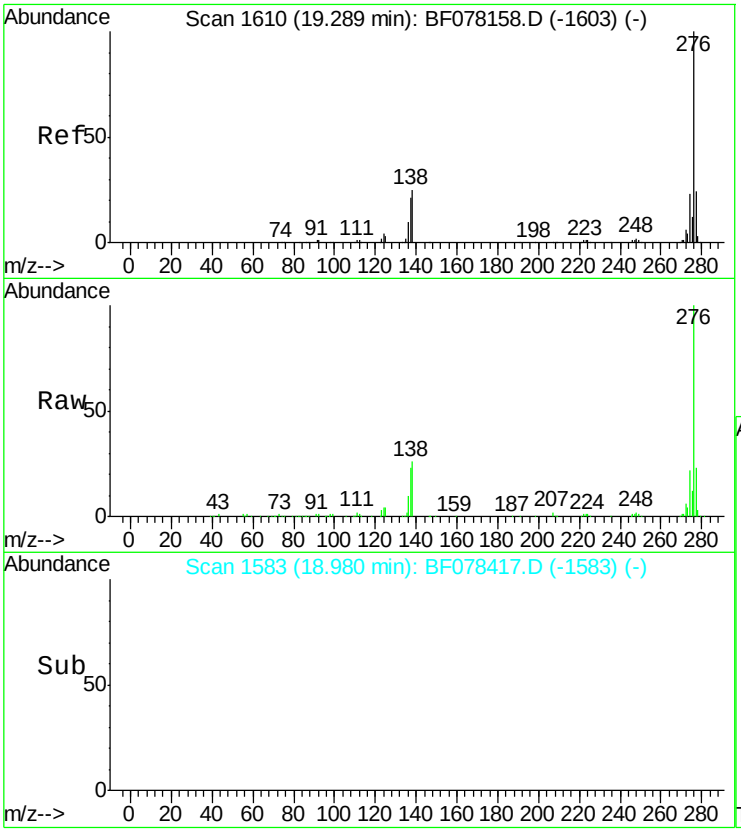




#90
Dibenzo(a,h)anthracene
Concen: 40.25 ng
RT: 18.66 min Scan# 1555
Delta R.T. -0.09 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

Tgt Ion:278 Resp: 336351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.2 | 13.6 | 20.4 |
| 279 | 23.4 | 19.0 | 28.6 |






#91
Benzo(g,h,i)perylene
Concen: 40.30 ng
RT: 18.98 min Scan# 1583
Delta R.T. -0.10 min
Lab File: BF078417.D
Acq: 10 Apr 2015 23:44

**Instrument :**
BNA_F
**ClientSampleId :**
OS-1AMSD

Tgt Ion:276 Resp: 337598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.0 | 28.4 |
| 138 | 25.8 | 19.9 | 29.9 |