Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
Data File : BF090570.D
Acq On : 14 Oct 2016 15:11
Operator : UM/SJ
Sample : H5192-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MJSB-18(6-8)MS

Quant Time: Oct 14 16:33:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.920 | 152 | 215410 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.212 | 136 | 915732 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.961 | 164 | 483826 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.458 | 188 | 837580 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.098 | 240 | 720834 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.561 | 264 | 467299 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.537 | 112 | 1360358 | 115.77 | ng | | 0.01 |
| 7) Phenol-d6 | 6.555 | 99 | 1792999 | 102.69 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.480 | 82 | 1154305 | 70.02 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.761 | 330 | 527859 | 122.37 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.286 | 172 | 2068838 | 70.46 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.035 | 244 | 2020879 | 65.28 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.634 | 88 | 178770 | 26.70 | ng | # | 81 |
| 3) Pyridine | 3.377 | 79 | 467646 | 31.16 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.331 | 42 | 160197 | 32.53 | ng | # | 77 |
| 6) Aniline | 6.589 | 93 | 333130 | 15.79 | ng | | 95 |
| 8) 2-Chlorophenol | 6.703 | 128 | 562368 | 36.91 | ng | | 91 |
| 9) Benzaldehyde | 6.463 | 77 | 109251 | 11.10 | ng | | 98 |
| 10) Phenol | 6.566 | 94 | 666407 | 33.37 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.657 | 93 | 571534 | 34.69 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.932 | 146 | 500486 | 32.94 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.932 | 146 | 555615 | 33.62 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.092 | 146 | 555615 | 35.96 | ng | | 97 |
| 15) Benzyl Alcohol | 7.069 | 79 | 429332 | 36.10 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.195 | 45 | 654757 | 28.24 | ng | | 95 |
| 17) 2-Methylphenol | 7.183 | 107 | 442602 | 37.28 | ng | | 95 |
| 18) Hexachloroethane | 7.435 | 117 | 214638 | 32.87 | ng | # | 89 |
| 19) n-Nitroso-di-n-propyla... | 7.332 | 70 | 404831 | 33.82 | ng | # | 91 |
| 20) 3+4-Methylphenols | 7.332 | 107 | 551196 | 38.29 | ng | # | 88 |
| 22) Acetophenone | 7.332 | 105 | 767052 | 37.92 | ng | # | 91 |
| 24) Nitrobenzene | 7.503 | 77 | 576139 | 34.05 | ng | # | 90 |
| 25) Isophorone | 7.743 | 82 | 1132361 | 37.74 | ng | # | 94 |
| 26) 2-Nitrophenol | 7.823 | 139 | 305029 | 39.74 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.857 | 122 | 514831 | 40.42 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.960 | 93 | 695926 | 39.28 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.063 | 162 | 435108 | 39.00 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.143 | 180 | 464212 | 35.53 | ng | | 96 |
| 31) Naphthalene | 8.235 | 128 | 1598522 | 34.27 | ng | | 99 |
| 32) Benzoic acid | 7.857 | 122 | 495614 | 63.35 | ng | # | 15 |
| 33) 4-Chloroaniline | 8.292 | 127 | 154610 | 8.67 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.349 | 225 | 271336 | 37.17 | ng | | 99 |
| 35) Caprolactam | 8.646 | 113 | 68315 | 21.94 | ng | | 87 |
| 36) 4-Chloro-3-methylphenol | 8.772 | 107 | 483655 | 37.57 | ng | # | 76 |
| 37) 2-Methylnaphthalene | 8.920 | 142 | 1033161 | 37.71 | ng | | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 9.092 | 216 | 488285 | 38.06 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
Data File : BF090570.D
Acq On : 14 Oct 2016 15:11
Operator : UM/SJ
Sample : H5192-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MJSB-18(6-8)MS

Quant Time: Oct 14 16:33:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 40) Hexachlorocyclopentadiene | 9.080 | 237 | 449786 | 71.77 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 9.206 | 196 | 307777 | 42.53 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.240 | 196 | 321886 | 37.29 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.389 | 154 | 1329074 | 36.10 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.412 | 162 | 1029671 | 37.51 | ng | | 97 |
| 47) 2-Nitroaniline | 9.515 | 65 | 317101 | 31.86 | ng | # | 80 |
| 48) Acenaphthylene | 9.823 | 152 | 1439959 | 32.94 | ng | | 100 |
| 49) Dimethylphthalate | 9.686 | 163 | 1660794 | 52.91 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.755 | 165 | 259800 | 37.82 | ng | # | 85 |
| 51) Acenaphthene | 9.995 | 154 | 935697 | 32.20 | ng | | 100 |
| 52) 3-Nitroaniline | 9.926 | 138 | 158279 | 18.36 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 10.029 | 184 | 80204 | 25.66 | ng | | 87 |
| 54) Dibenzofuran | 10.178 | 168 | 1378656 | 36.07 | ng | | 96 |
| 55) 4-Nitrophenol | 10.086 | 139 | 386682 | 74.54 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 10.155 | 165 | 366851 | 39.32 | ng | | 91 |
| 57) Fluorene | 10.509 | 166 | 1104300 | 35.03 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.292 | 232 | 297429 | 41.37 | ng | # | 88 |
| 59) Diethylphthalate | 10.395 | 149 | 1183249 | 37.17 | ng | # | 93 |
| 60) 4-Chlorophenyl-phenyle... | 10.509 | 204 | 565430 | 38.05 | ng | | 95 |
| 61) 4-Nitroaniline | 10.543 | 138 | 272551 | 31.53 | ng | | 91 |
| 62) Azobenzene | 10.669 | 77 | 1295795 | 35.19 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylph... | 10.566 | 198 | 136467 | 26.92 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.623 | 169 | 965498 | 34.90 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.001 | 248 | 334281 | 37.19 | ng | | 97 |
| 67) Hexachlorobenzene | 11.069 | 284 | 343694 | 35.22 | ng | # | 59 |
| 68) Atrazine | 11.161 | 200 | 285851 | 37.36 | ng | | 89 |
| 69) Pentachlorophenol | 11.264 | 266 | 386630 | 79.94 | ng | | 97 |
| 70) Phenanthrene | 11.481 | 178 | 1553784 | 34.75 | ng | | 100 |
| 71) Anthracene | 11.526 | 178 | 1664900 | 34.60 | ng | | 100 |
| 72) Carbazole | 11.686 | 167 | 1528065 | 35.48 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.018 | 149 | 1863042 | 36.92 | ng | | 100 |
| 74) Fluoranthene | 12.669 | 202 | 1643720 | 36.55 | ng | | 100 |
| 76) Benzidine | 12.795 | 184 | 498109 | 27.77 | ng | | 96 |
| 77) Pyrene | 12.898 | 202 | 1642187 | 34.40 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.515 | 149 | 805926 | 38.10 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.087 | 228 | 1461490 | 35.62 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.052 | 252 | 329141 | 23.48 | ng | | 99 |
| 82) Chrysene | 14.121 | 228 | 1287603 | 32.57 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phtha... | 14.075 | 149 | 1115159 | 39.08 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.681 | 149 | 1692700 | 44.24 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.013 | 276 | 935151 | 40.91 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.138 | 252 | 1143213 | 37.39 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 15.138 | 252 | 1143213 | 34.75 | ng | # | 97 |
| 89) Benzo(a)pyrene | 15.493 | 252 | 979656 | 34.99 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.024 | 278 | 794440 | 37.21 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 17.447 | 276 | 745181 | 36.61 | ng | | 99 |

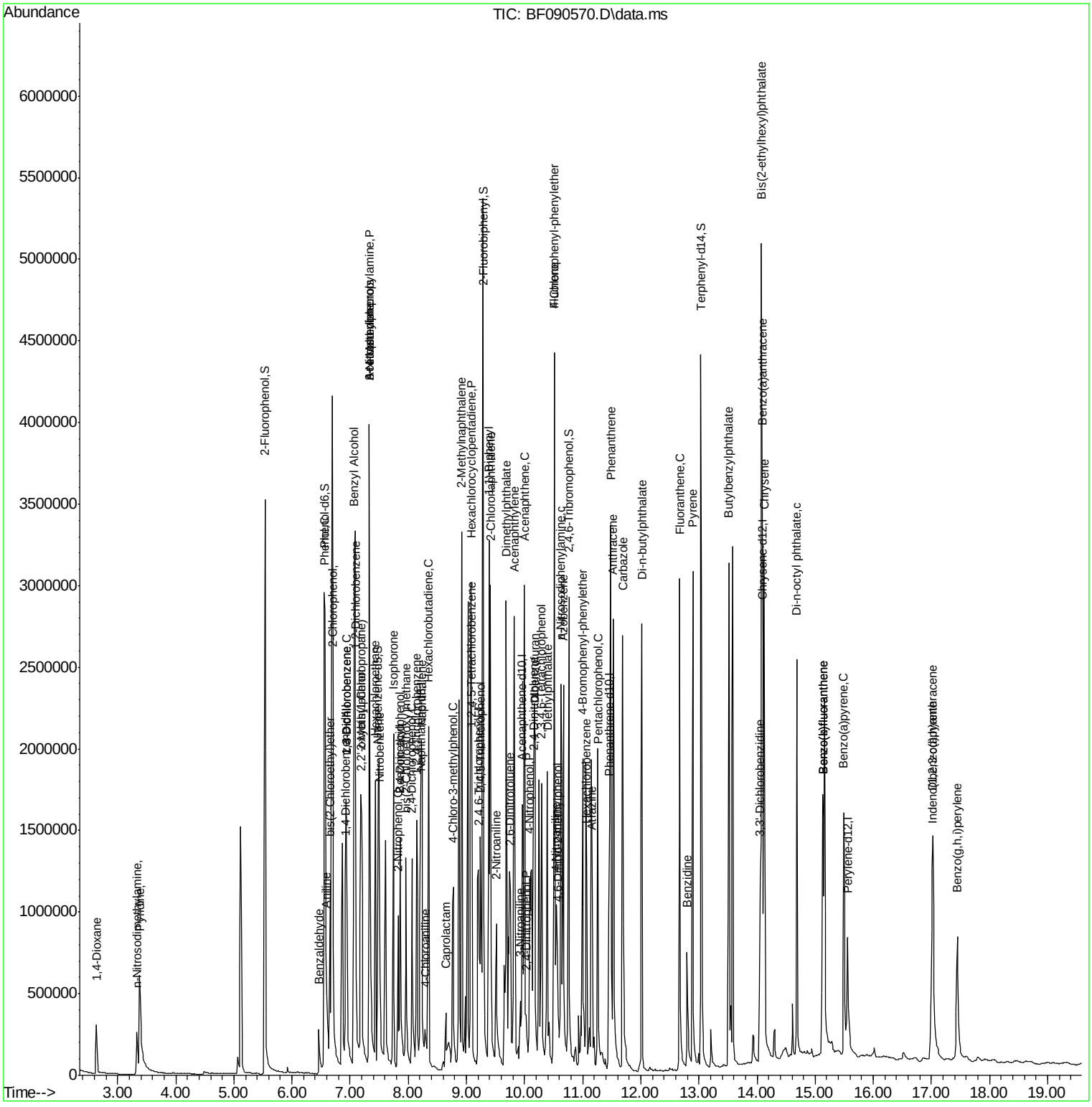
(#) = qualifier out of range (m) = manual integration (+) = signals summed

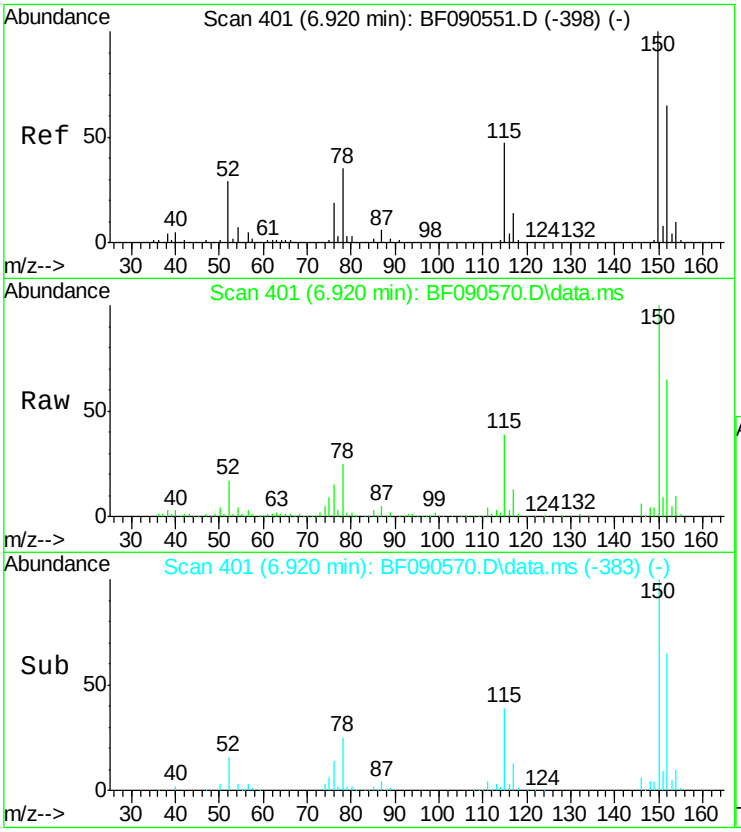
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
Data File : BF090570.D
Acq On : 14 Oct 2016 15:11
Operator : UM/SJ
Sample : H5192-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Quant Time: Oct 14 16:33:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration



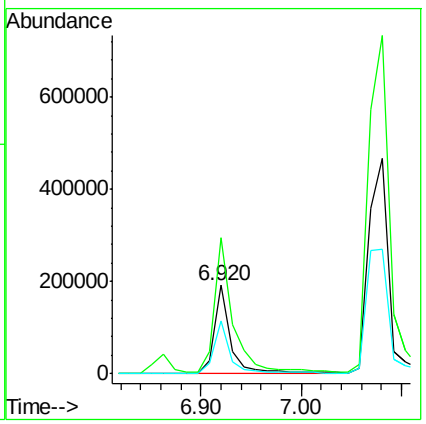


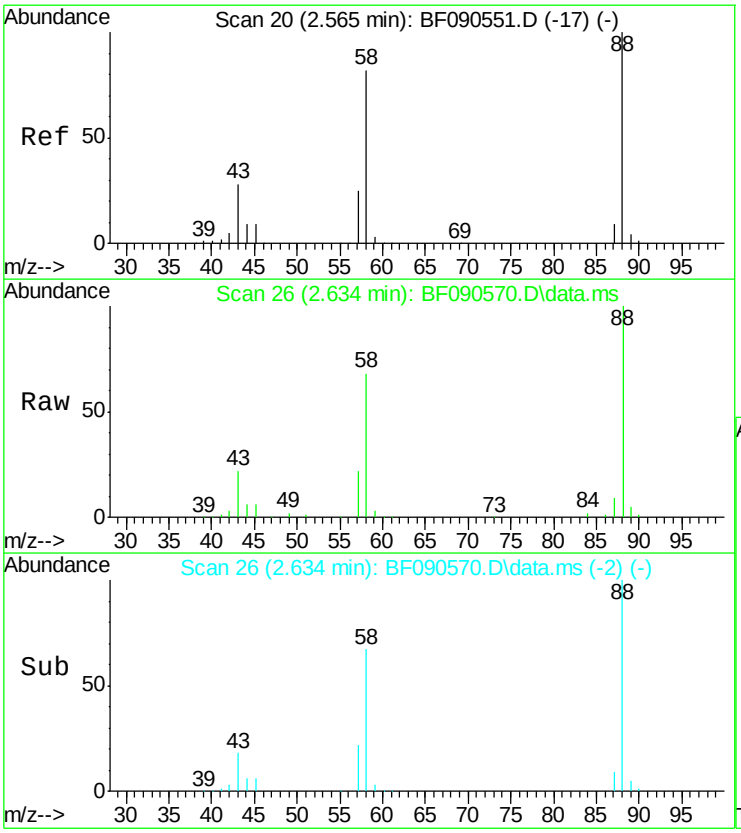

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.920 min Scan# 40
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:152 Resp: 215410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.4 | 127.2 | 190.8 |
| 115 | 60.1 | 58.6 | 88.0 |

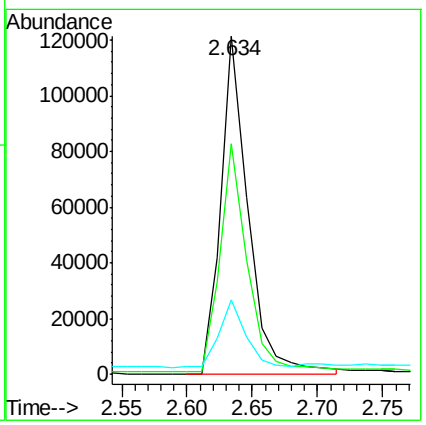


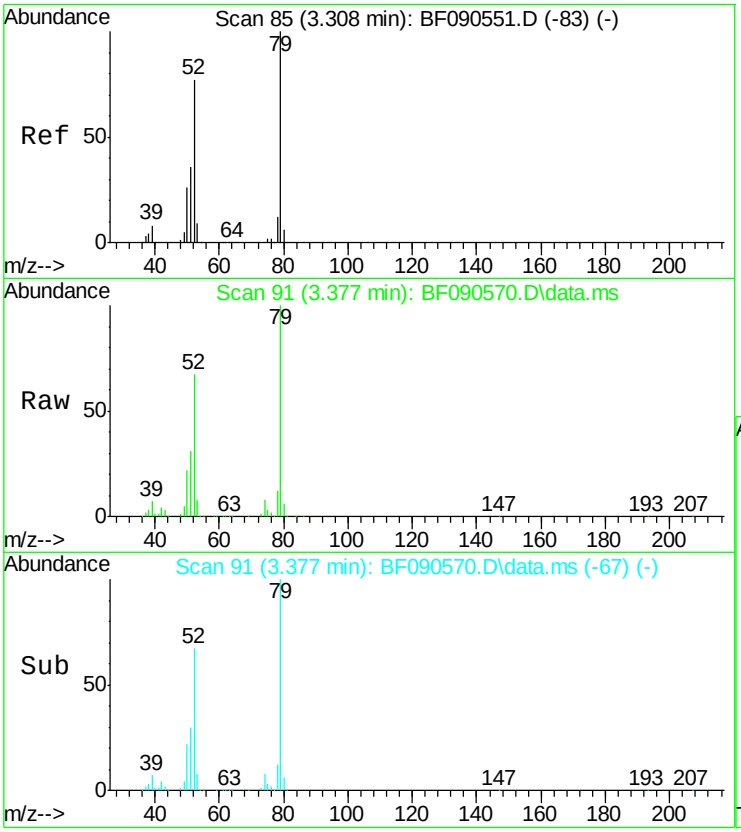




#2
1,4-Dioxane
Concen: 26.70 ng
RT: 2.634 min Scan# 26
Delta R.T. 0.069 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 88 Resp: 178770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.3 | 67.2 | 100.8 |
| 43 | 19.2 | 24.1 | 36.1# |



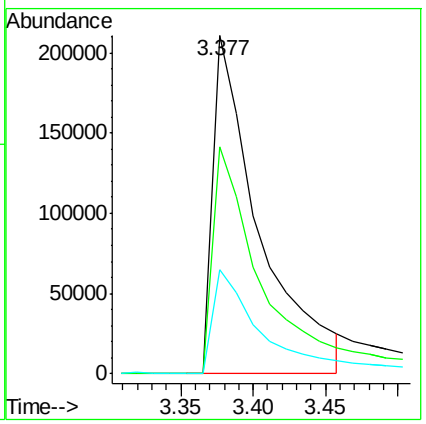


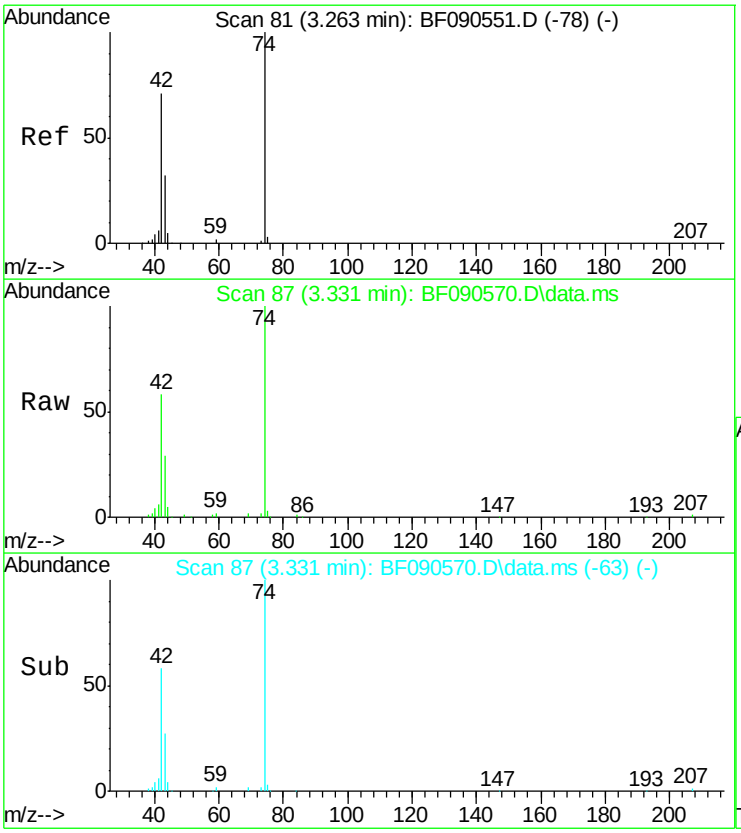

#3
Pyridine
Concen: 31.16 ng
RT: 3.377 min Scan# 91
Delta R.T. 0.069 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 79 Resp: 467646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 67.0 | 61.8 | 92.8 |
| 51 | 30.7 | 29.2 | 43.8 |

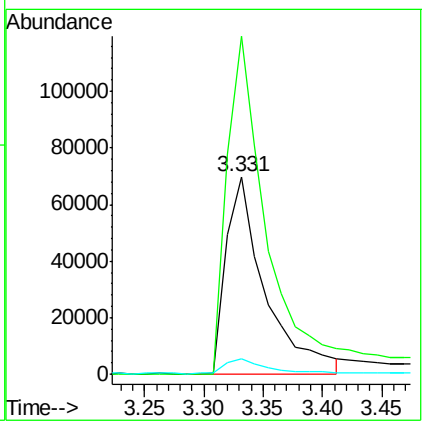


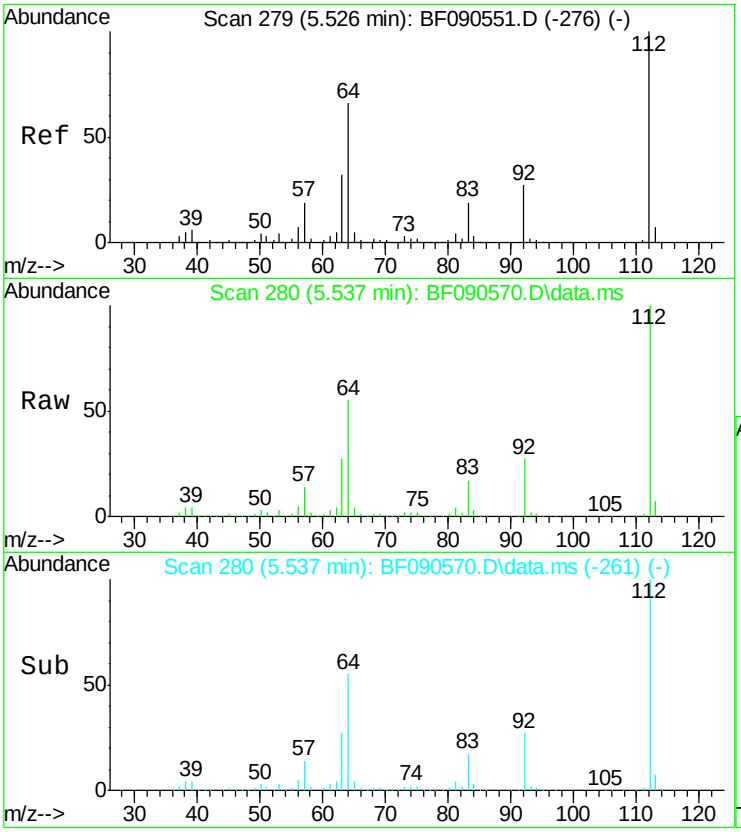




#4
n-Nitrosodimethylamine
Concen: 32.53 ng
RT: 3.331 min Scan# 87
Delta R.T. 0.069 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 42 Resp: 160197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 171.2 | 113.3 | 169.9# |
| 44 | 8.1 | 6.0 | 9.0 |



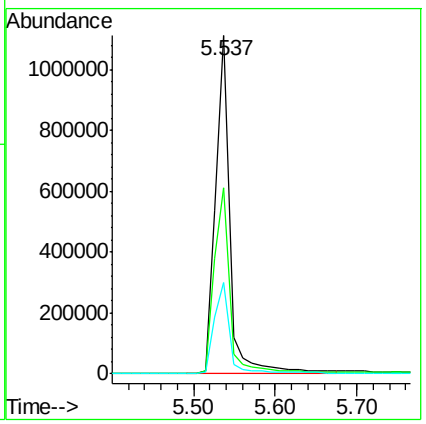


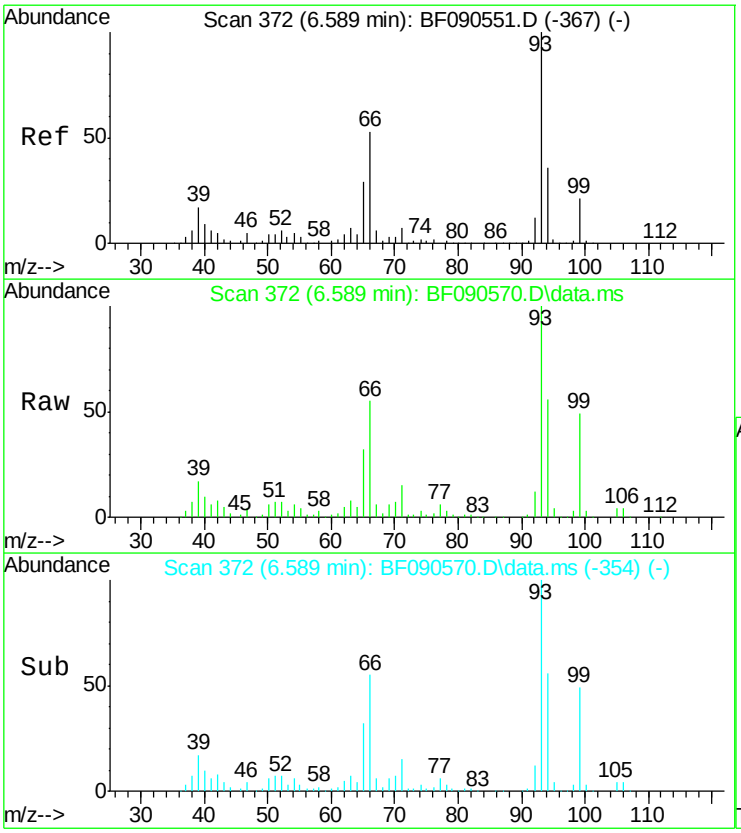

#5
2-Fluorophenol
Concen: 115.77 ng
RT: 5.537 min Scan# 28
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:112 Resp: 1360358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.1 | 52.6 | 78.8 |
| 63 | 26.8 | 26.0 | 39.0 |

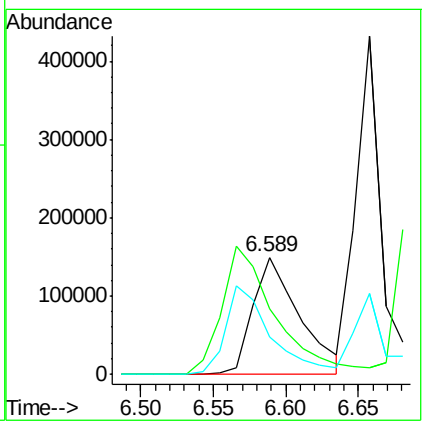


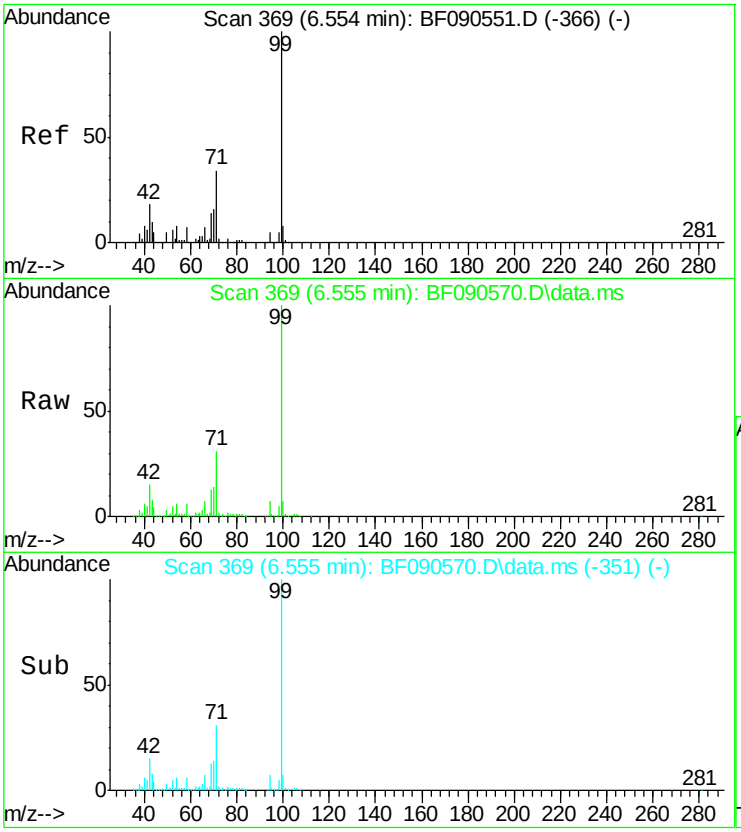




#6
Aniline
Concen: 15.79 ng
RT: 6.589 min Scan# 372
Delta R.T. 0.001 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 93 Resp: 333130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 55.4 | 42.2 | 63.2 |
| 65 | 31.7 | 22.9 | 34.3 |



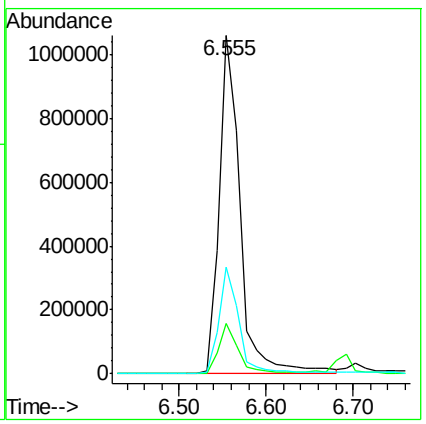


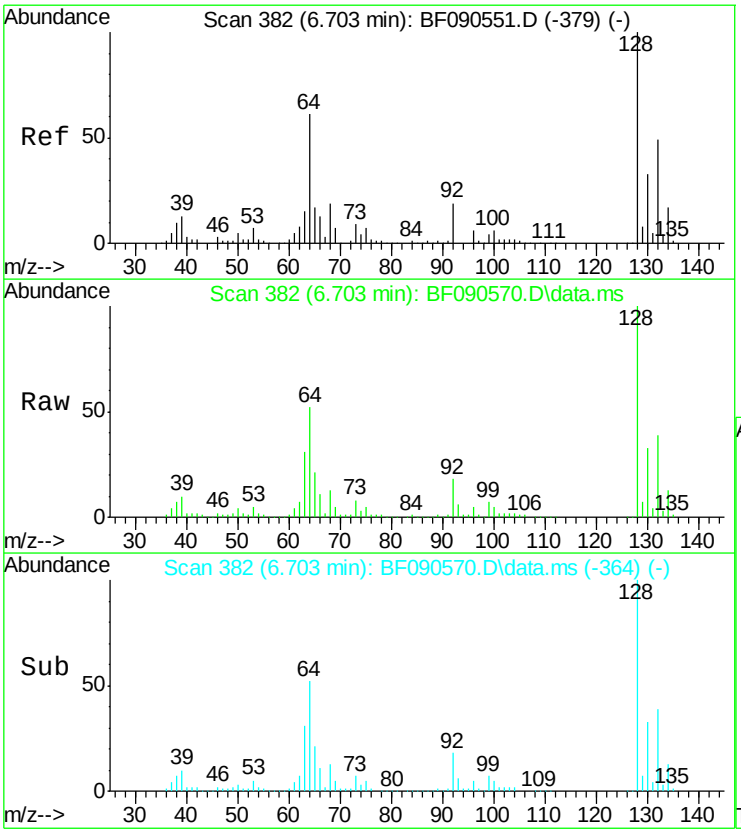

#7
Phenol-d6
Concen: 102.69 ng
RT: 6.555 min Scan# 36
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 99 Resp: 1792999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.6 | 14.7 | 22.1# |
| 71 | 31.4 | 27.6 | 41.4 |

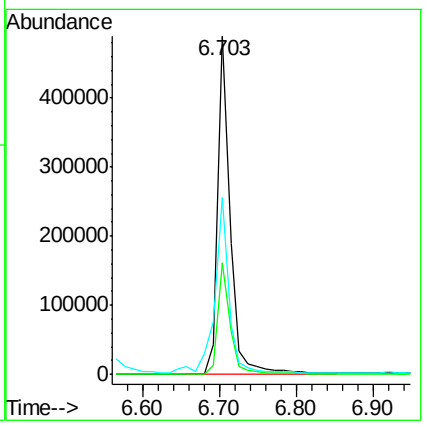


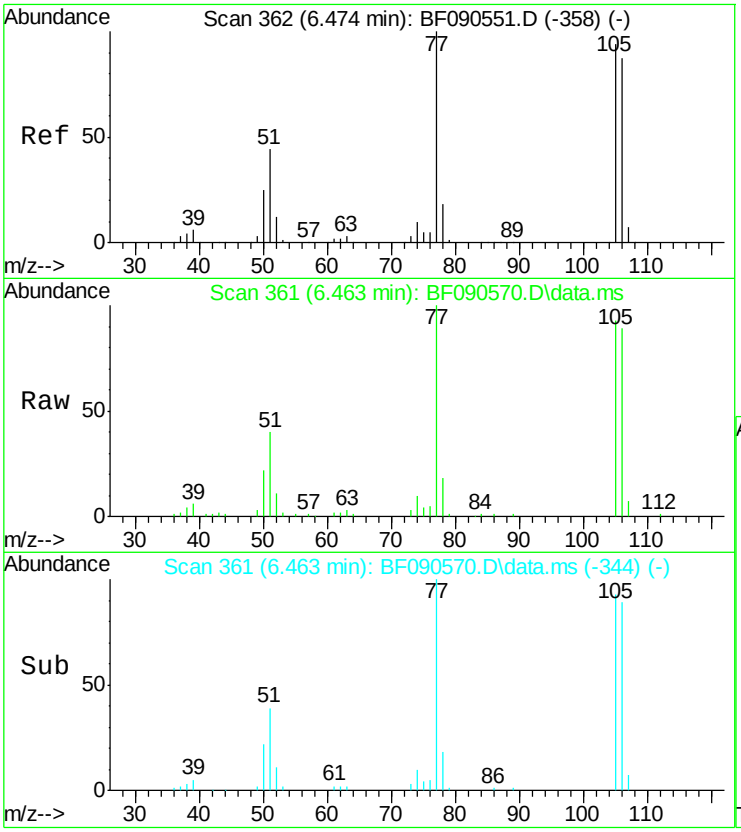




#8
2-Chlorophenol
Concen: 36.91 ng
RT: 6.703 min Scan# 382
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:128 Resp: 562368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.6 | 52.6 |
| 64 | 52.3 | 42.6 | 82.6 |



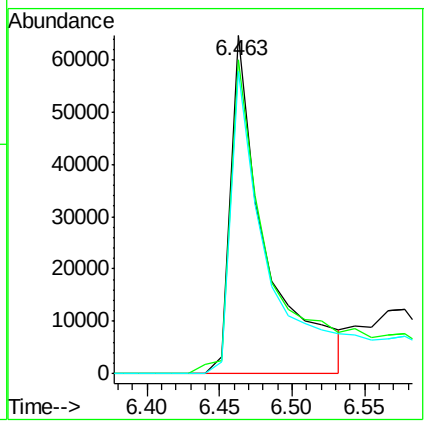


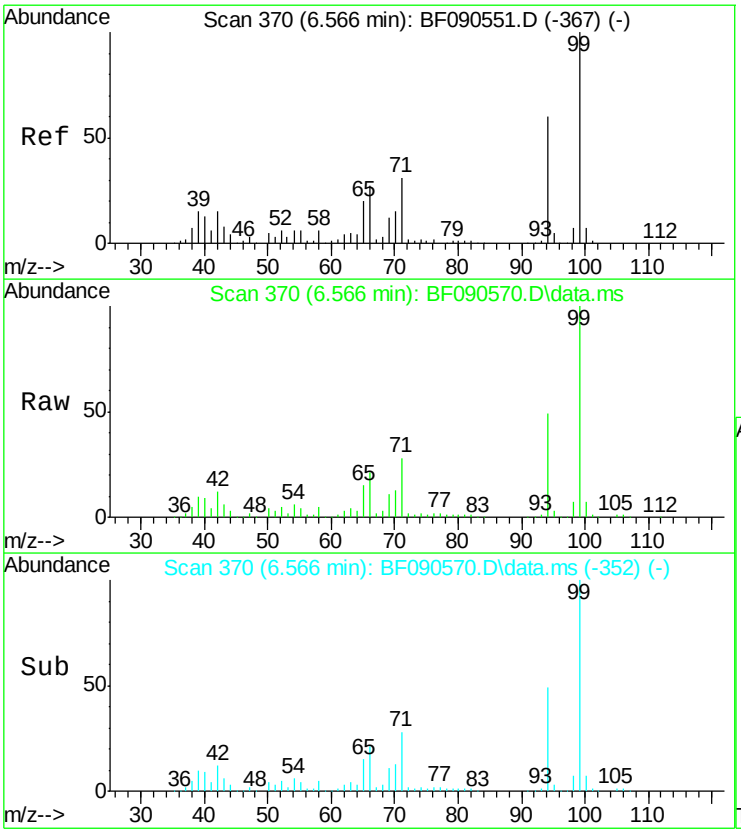

#9
Benzaldehyde
Concen: 11.10 ng
RT: 6.463 min Scan# 36
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 77 Resp: 109251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.0 | 74.3 | 114.3 |
| 106 | 89.4 | 67.2 | 107.2 |

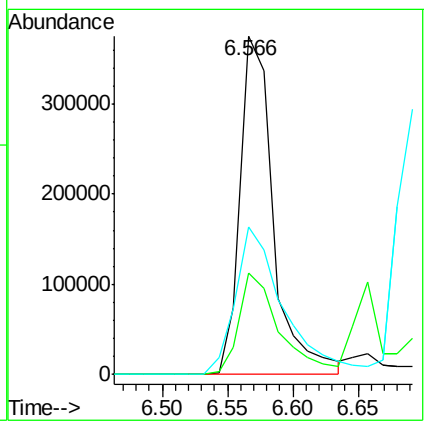


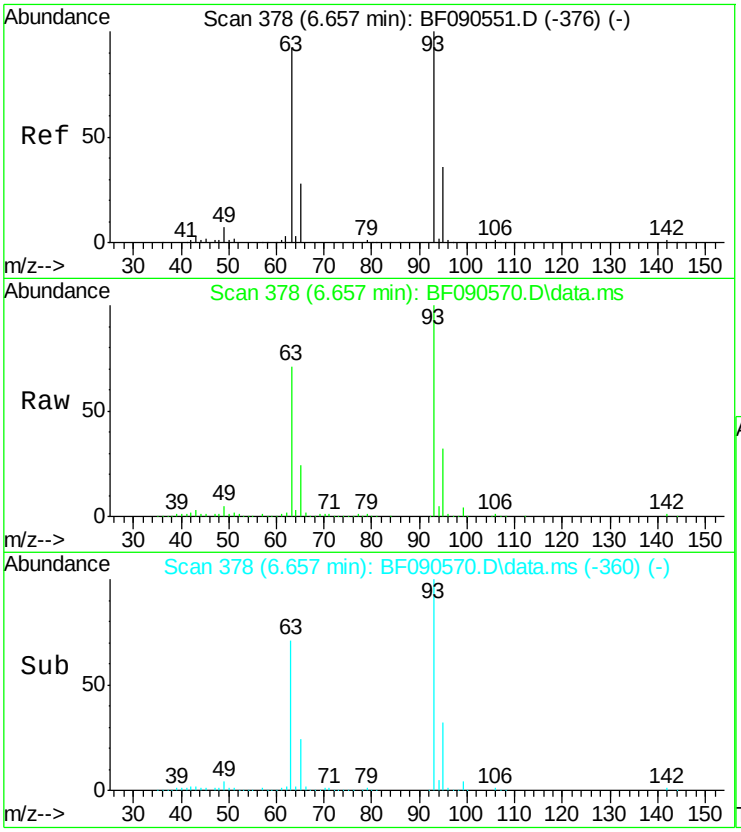




#10
Phenol
Concen: 33.37 ng
RT: 6.566 min Scan# 370
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 94 Resp: 666407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.0 | 12.5 | 52.5 |
| 66 | 43.7 | 25.5 | 65.5 |



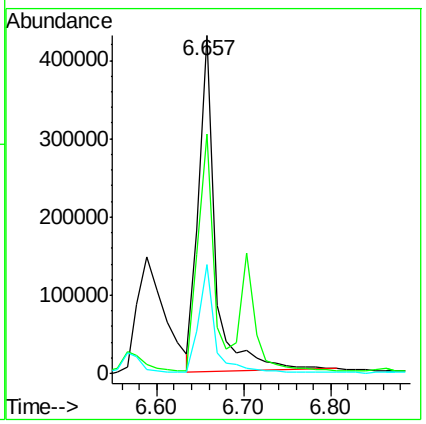


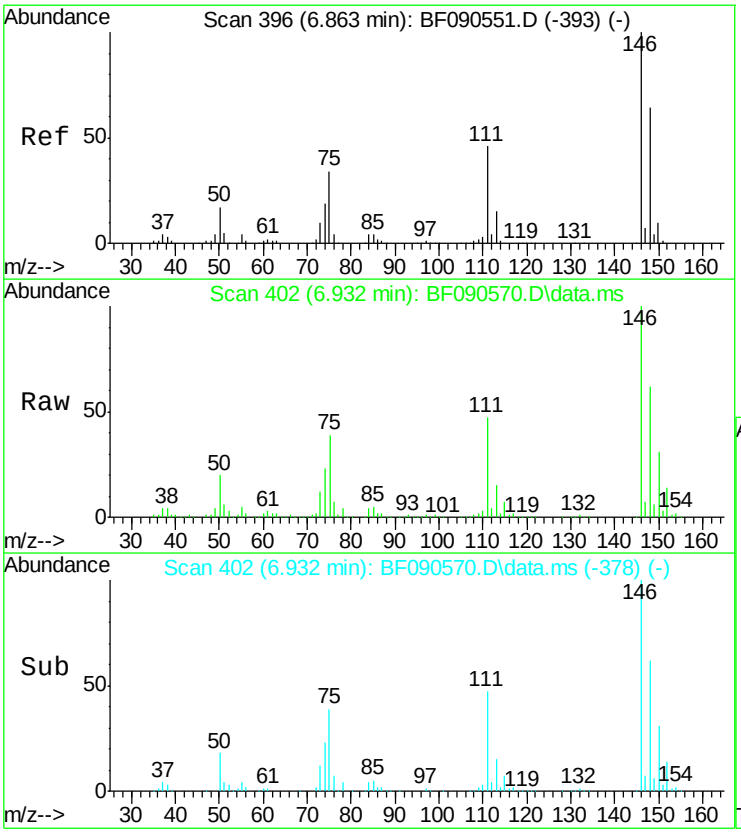

#11
bis(2-Chloroethyl)ether
Concen: 34.69 ng
RT: 6.657 min Scan# 37
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 93 Resp: 571534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.0 | 61.6 | 101.6 |
| 95 | 32.3 | 11.8 | 51.8 |

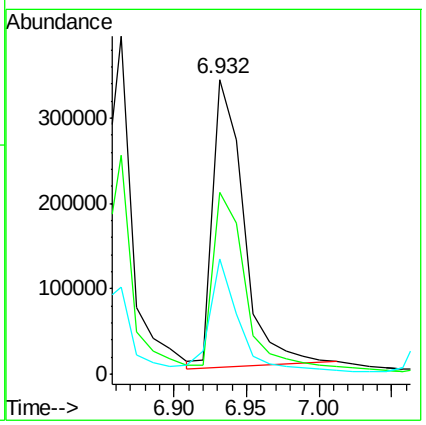


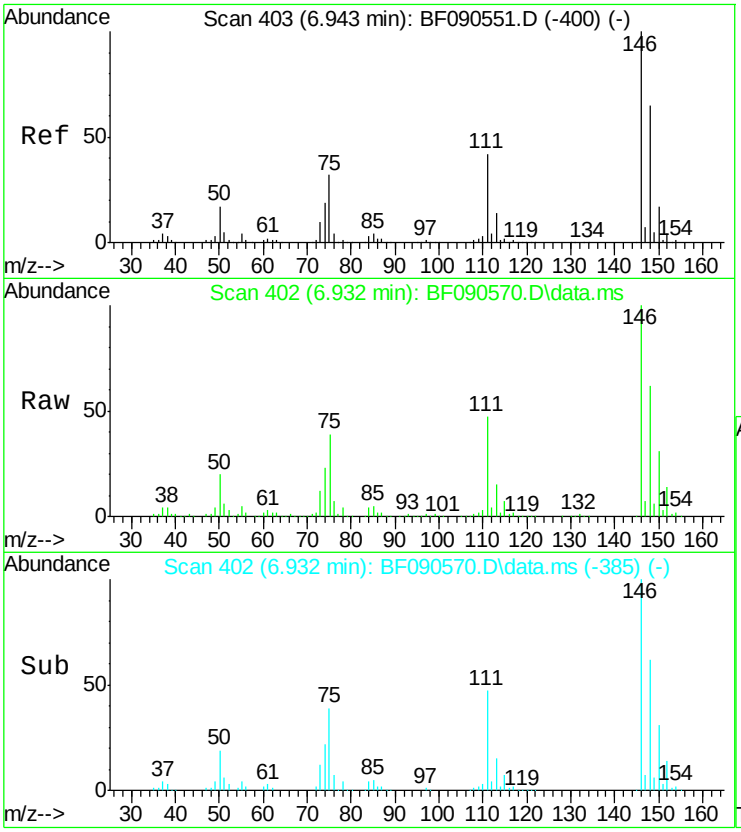




#12
1,3-Dichlorobenzene
Concen: 32.94 ng
RT: 6.932 min Scan# 402
Delta R.T. 0.069 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:146 Resp: 500486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.8 | 51.4 | 77.2 |
| 75 | 39.0 | 27.0 | 40.6 |



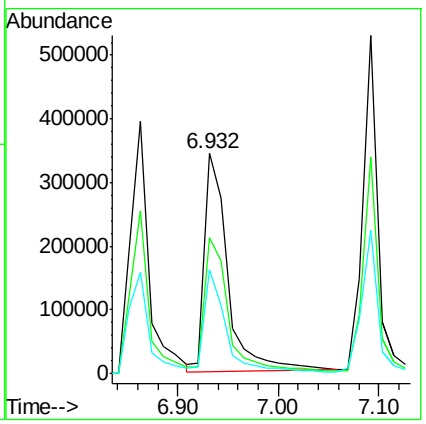


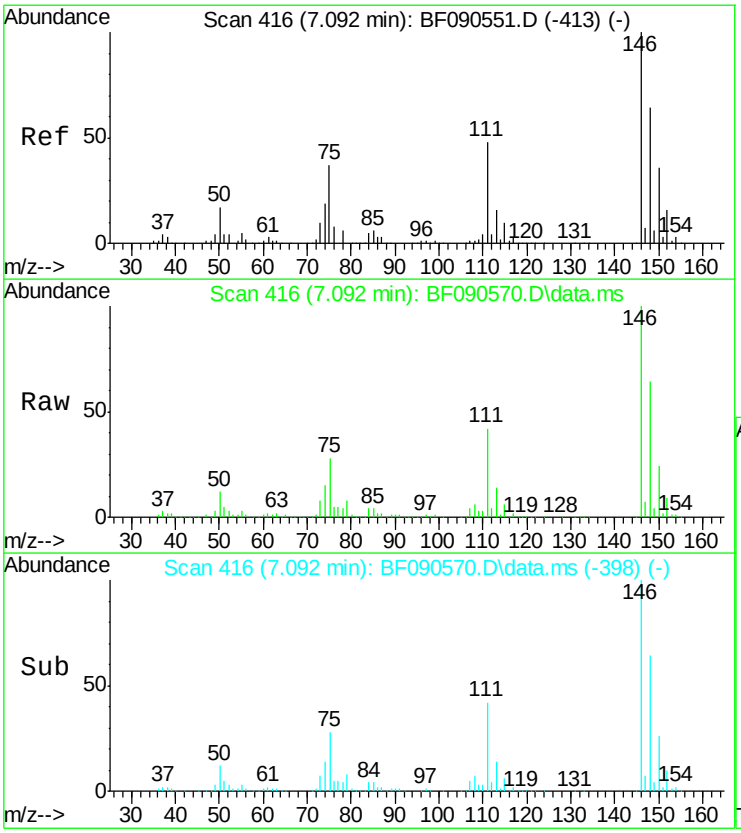

#13
1,4-Dichlorobenzene
Concen: 33.62 ng
RT: 6.932 min Scan# 40
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:146 Resp: 555615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.8 | 51.9 | 77.9 |
| 111 | 47.3 | 33.7 | 50.5 |

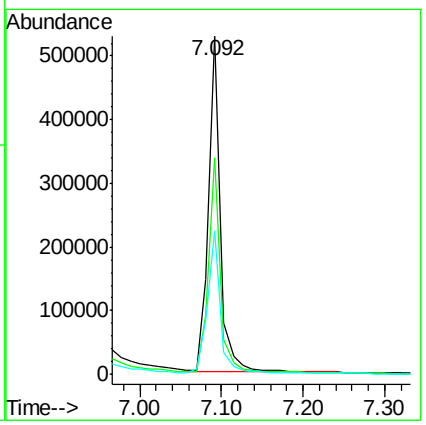


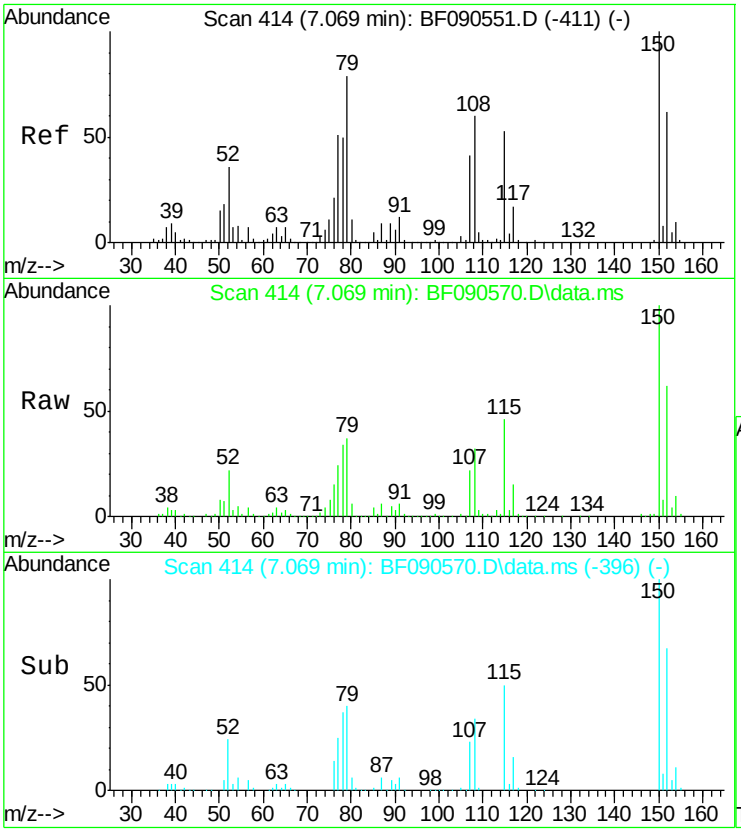




#14
1,2-Dichlorobenzene
Concen: 35.96 ng
RT: 7.092 min Scan# 416
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:146 Resp: 555615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.2 | 76.8 |
| 111 | 42.5 | 38.2 | 57.2 |



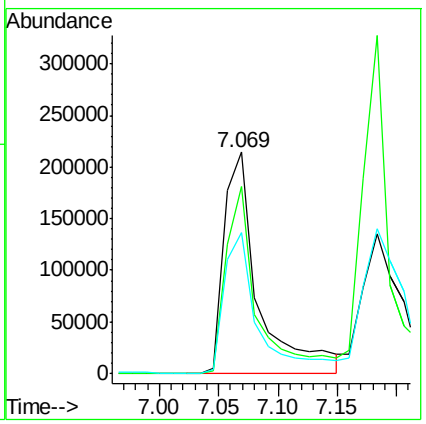


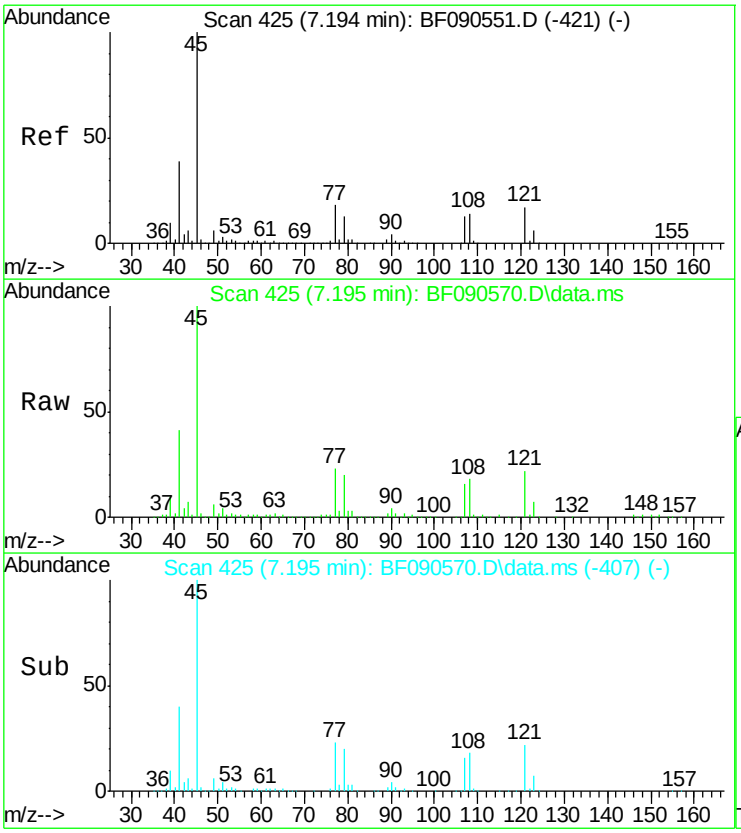

#15
Benzyl Alcohol
Concen: 36.10 ng
RT: 7.069 min Scan# 41
Delta R.T. 0.001 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 79 Resp: 429332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.3 | 60.2 | 90.4 |
| 77 | 63.8 | 52.0 | 78.0 |

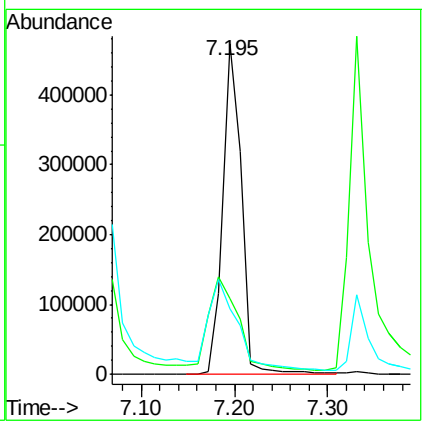


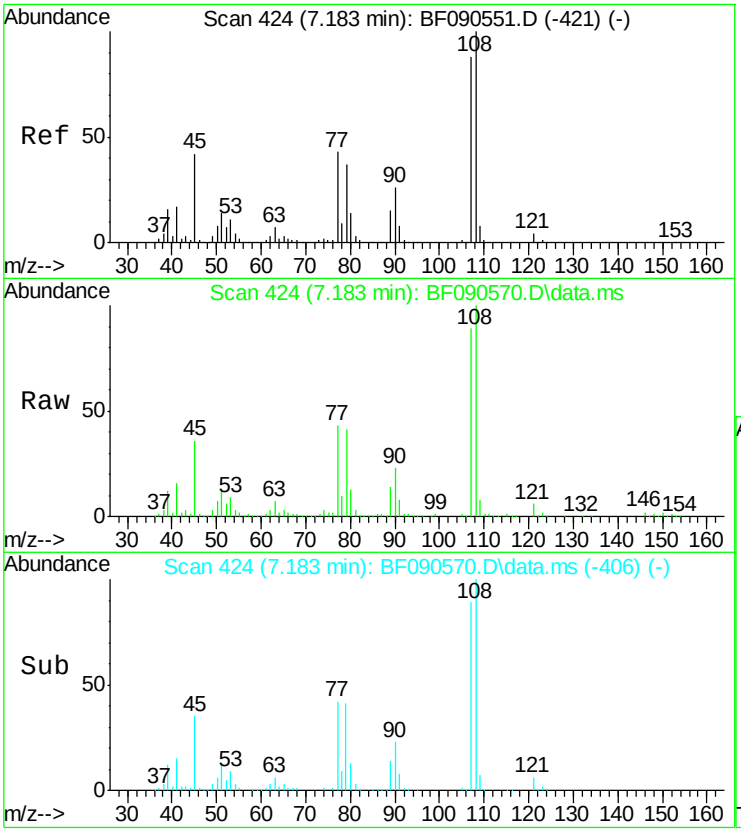




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.24 ng
RT: 7.195 min Scan# 425
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 45 Resp: 654757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 23.1 | 0.9 | 40.9 |
| 79 | 19.9 | 0.0 | 37.3 |



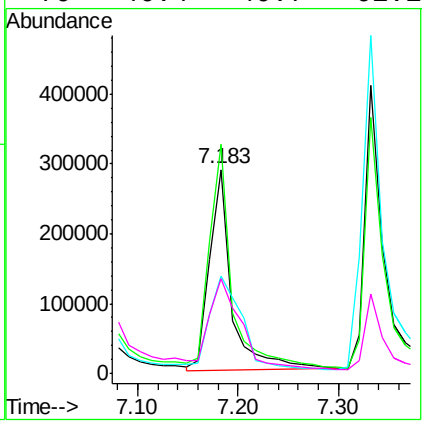


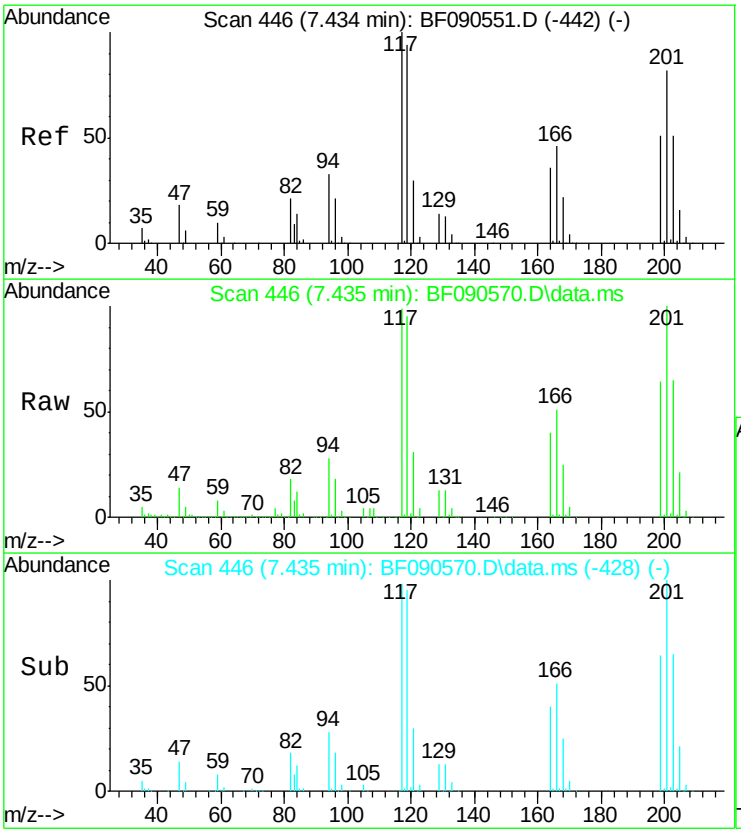

#17
2-Methylphenol
Concen: 37.28 ng
RT: 7.183 min Scan# 42
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:107 Resp: 442602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 92.6 | 138.8 |
| 77 | 47.8 | 42.2 | 63.2 |
| 79 | 46.4 | 40.7 | 61.1 |

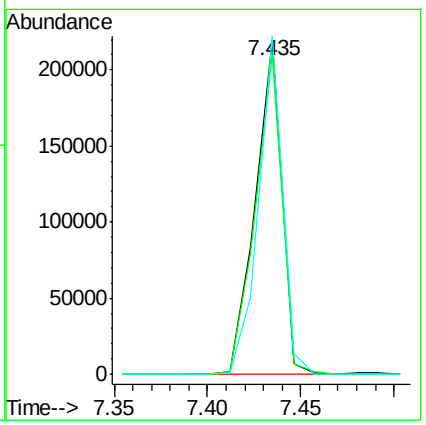


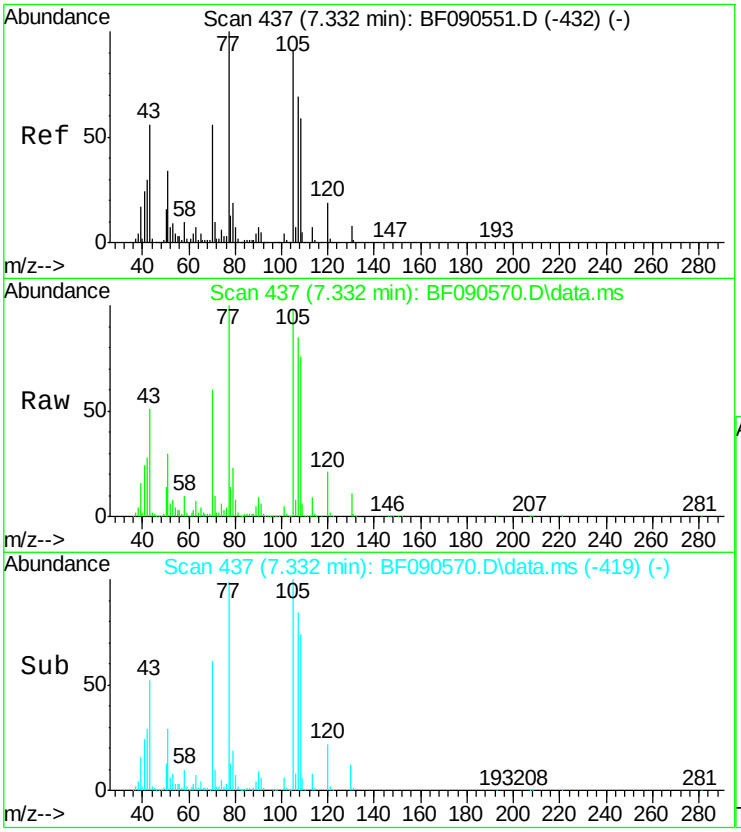




#18
Hexachloroethane
Concen: 32.87 ng
RT: 7.435 min Scan# 446
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:117 Resp: 214638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.1 | 75.6 | 113.4 |
| 201 | 101.3 | 65.4 | 98.0# |



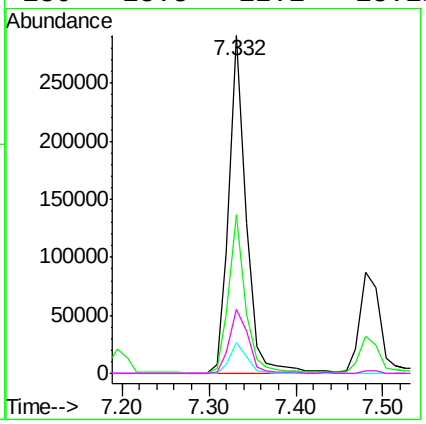


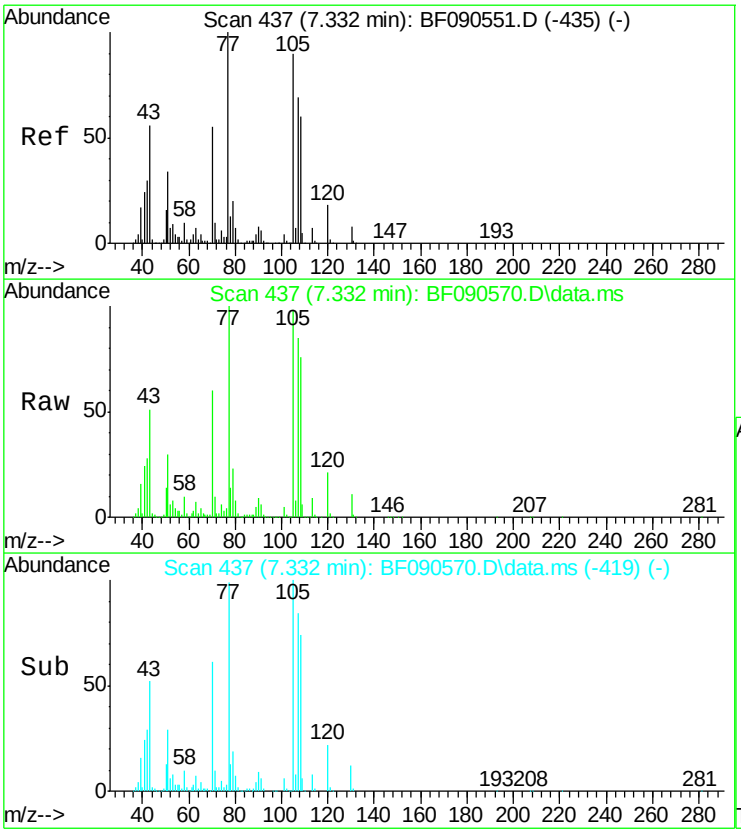

#19
n-Nitroso-di-n-propylamine
Concen: 33.82 ng
RT: 7.332 min Scan# 43
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 70 Resp: 404831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.9 | 43.4 | 65.0 |
| 101 | 9.0 | 6.4 | 9.6 |
| 130 | 18.8 | 12.1 | 18.1# |

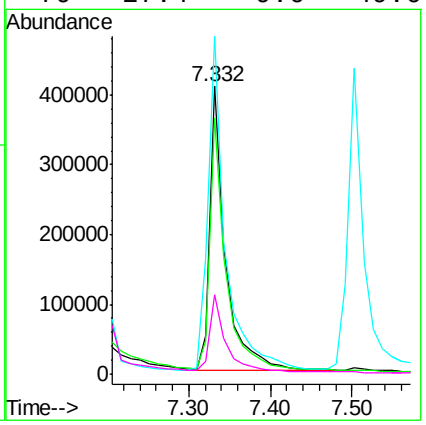


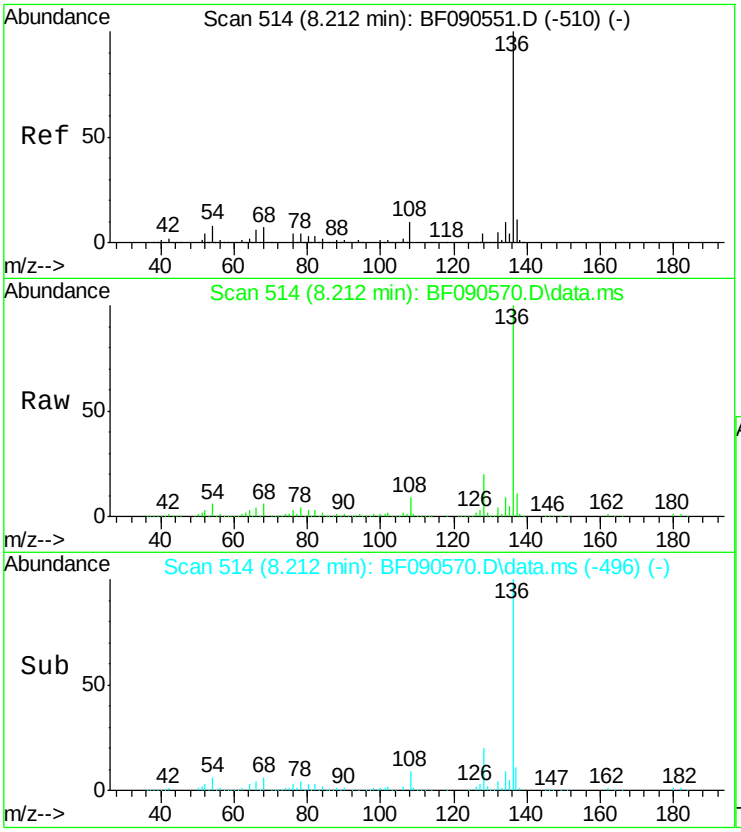




#20
3+4-Methylphenols
Concen: 38.29 ng
RT: 7.332 min Scan# 437
Delta R.T. 0.001 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:107 Resp: 551196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.8 | 67.7 | 107.7 |
| 77 | 117.4 | 123.1 | 163.1# |
| 79 | 27.4 | 9.6 | 49.6 |



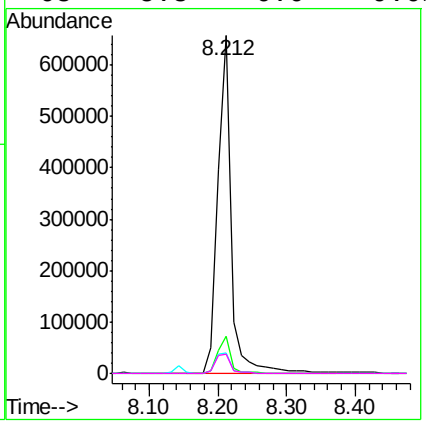


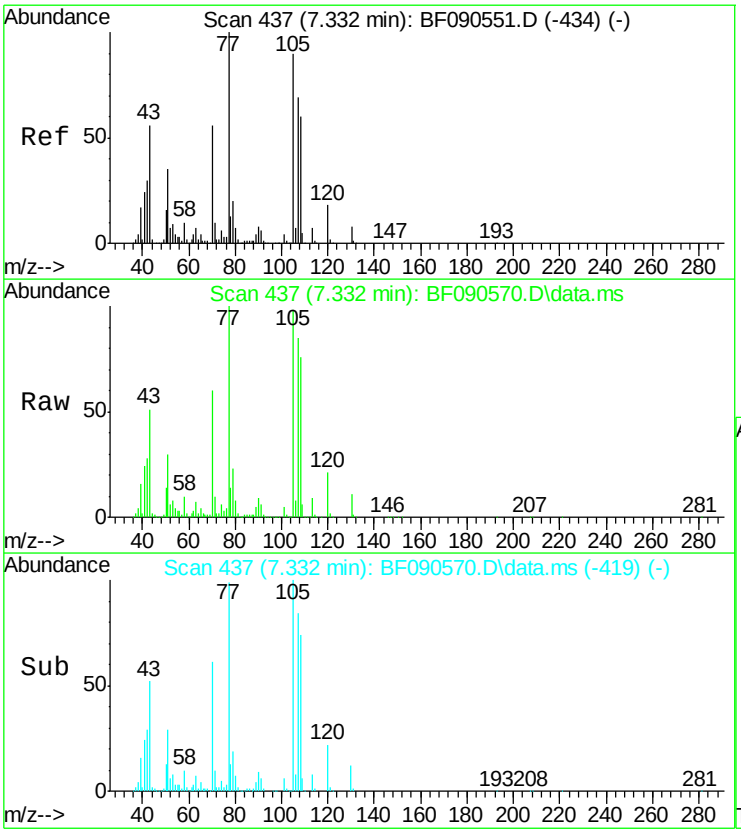

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.212 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:136 Resp: 915732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 6.0 | 6.8 | 10.2# |
| 68 | 5.8 | 6.0 | 9.0# |

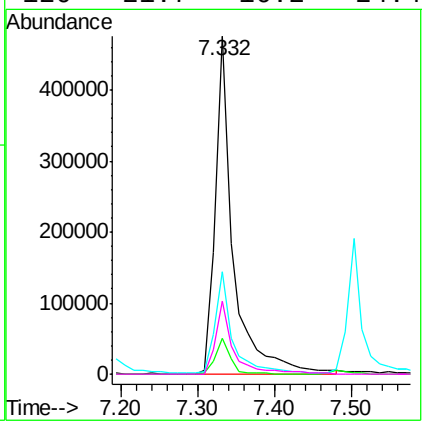


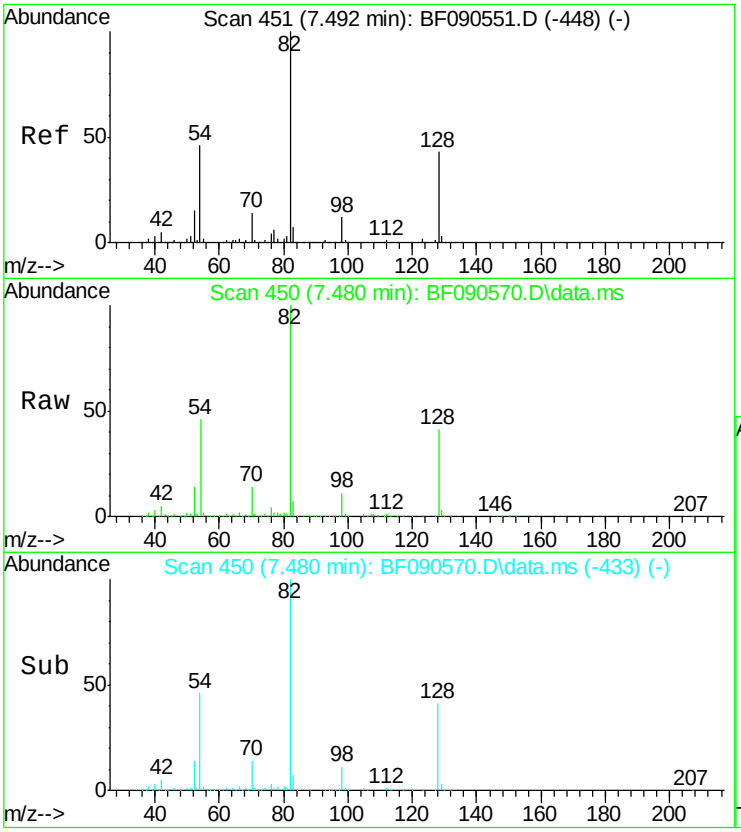




#22
Acetophenone
Concen: 37.92 ng
RT: 7.332 min Scan# 437
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:105 Resp: 767052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 10.5 | 8.5 | 12.7 |
| 51 | 30.3 | 31.0 | 46.4# |
| 120 | 21.7 | 16.2 | 24.4 |



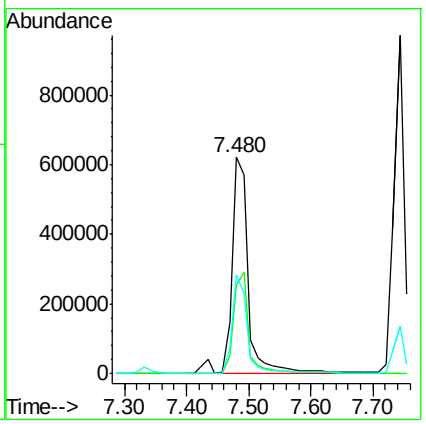


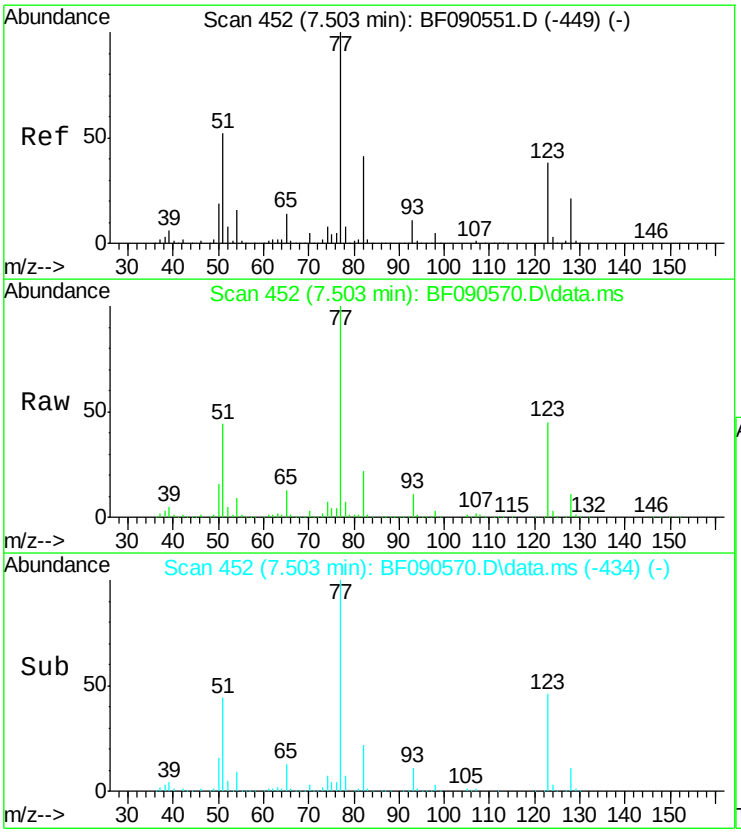

#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 7.480 min Scan# 45
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 82 Resp: 1154305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 34.3 | 51.5 |
| 54 | 45.6 | 37.0 | 55.6 |

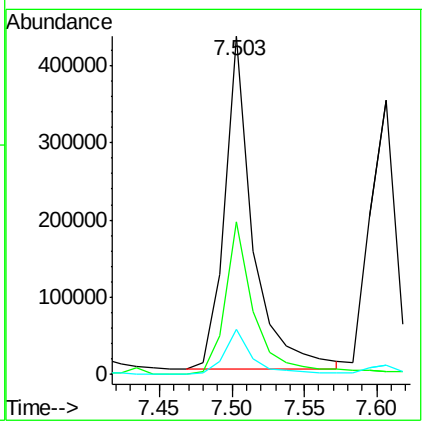


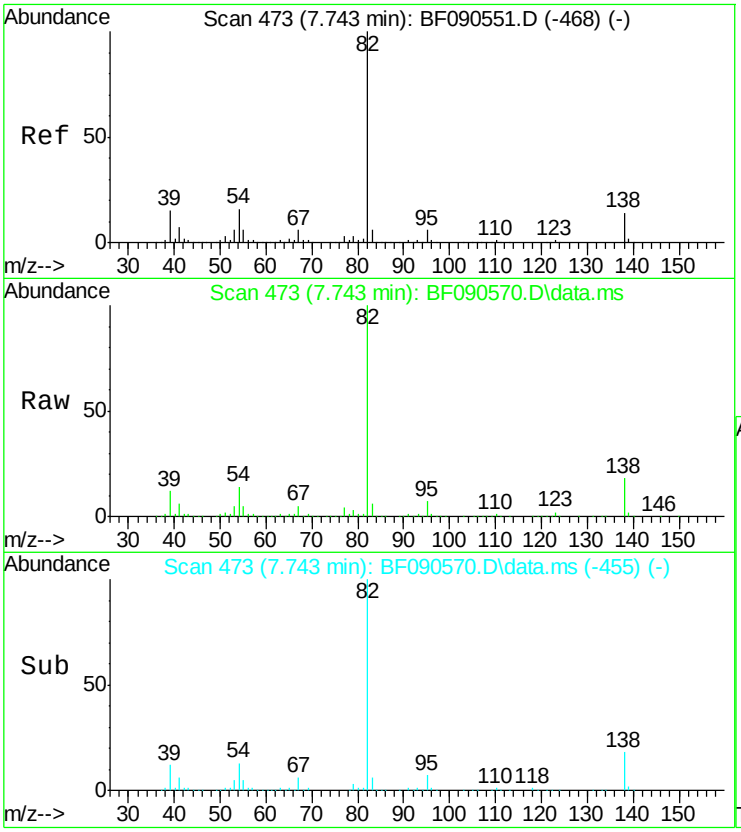




#24
Nitrobenzene
Concen: 34.05 ng
RT: 7.503 min Scan# 452
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 77 Resp: 576139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.1 | 29.8 | 44.6# |
| 65 | 13.2 | 10.9 | 16.3 |



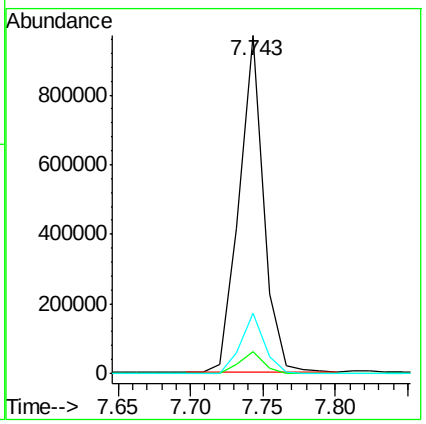


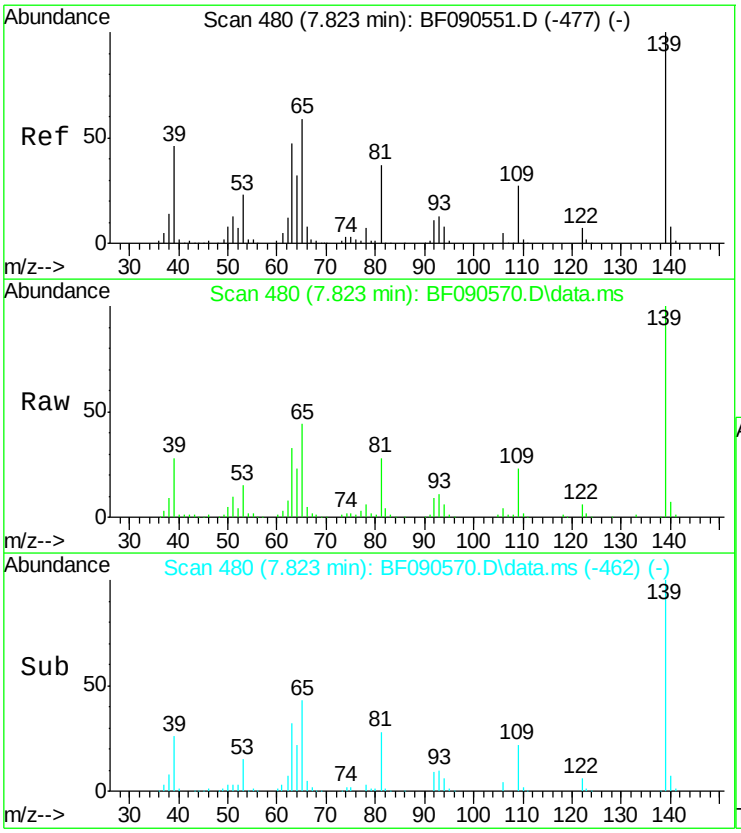

#25
Isophorone
Concen: 37.74 ng
RT: 7.743 min Scan# 47
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 82 Resp: 1132361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.0 | 7.6 |
| 138 | 17.8 | 11.5 | 17.3# |

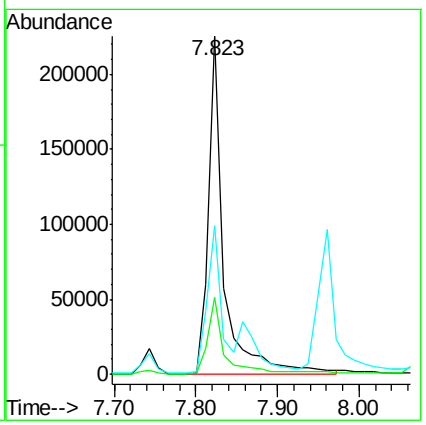


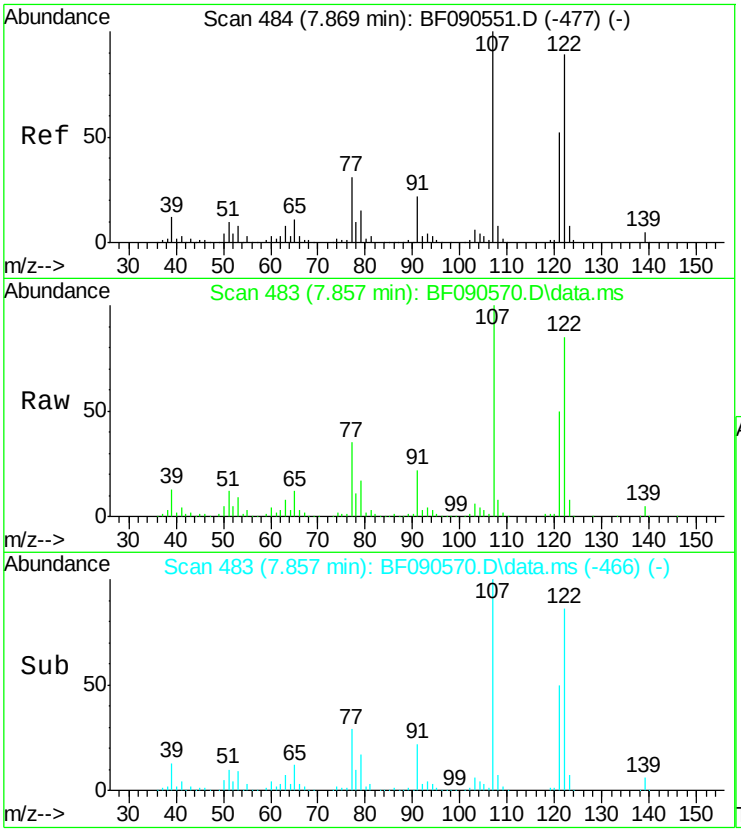




#26
2-Nitrophenol
Concen: 39.74 ng
RT: 7.823 min Scan# 480
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:139 Resp: 305029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 22.6 | 21.8 | 32.6 |
| 65 | 43.9 | 47.7 | 71.5# |



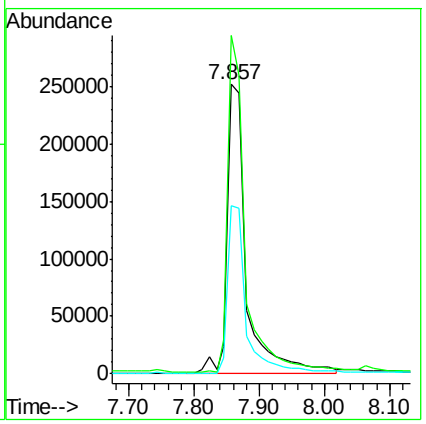


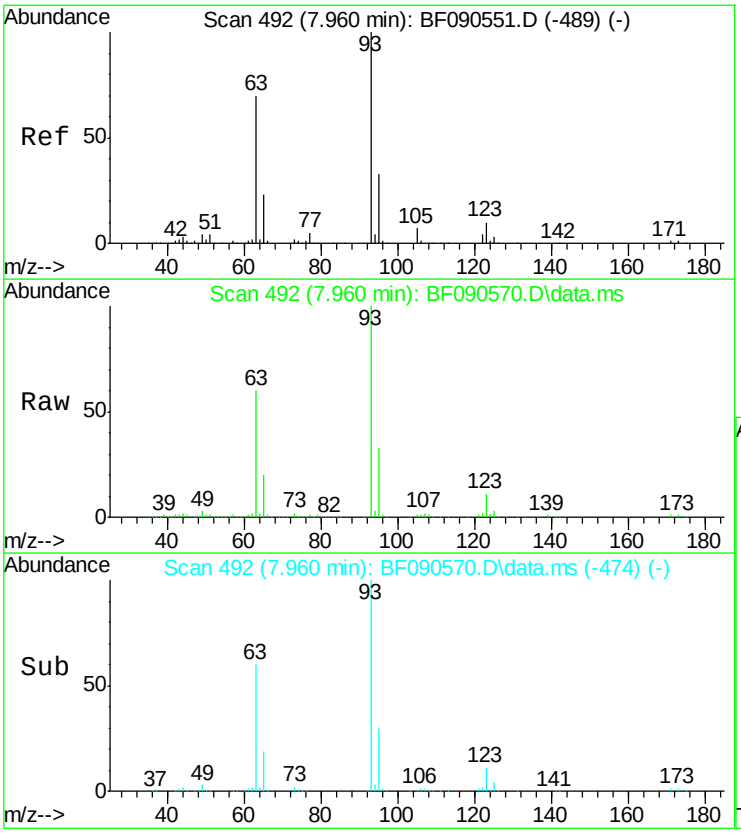

#27
2,4-Dimethylphenol
Concen: 40.42 ng
RT: 7.857 min Scan# 48
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:122 Resp: 514831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.0 | 89.8 | 134.6 |
| 121 | 58.1 | 46.1 | 69.1 |

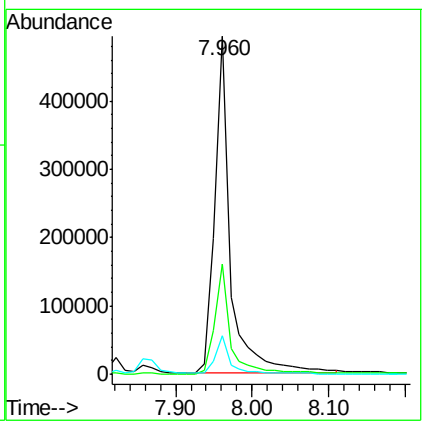


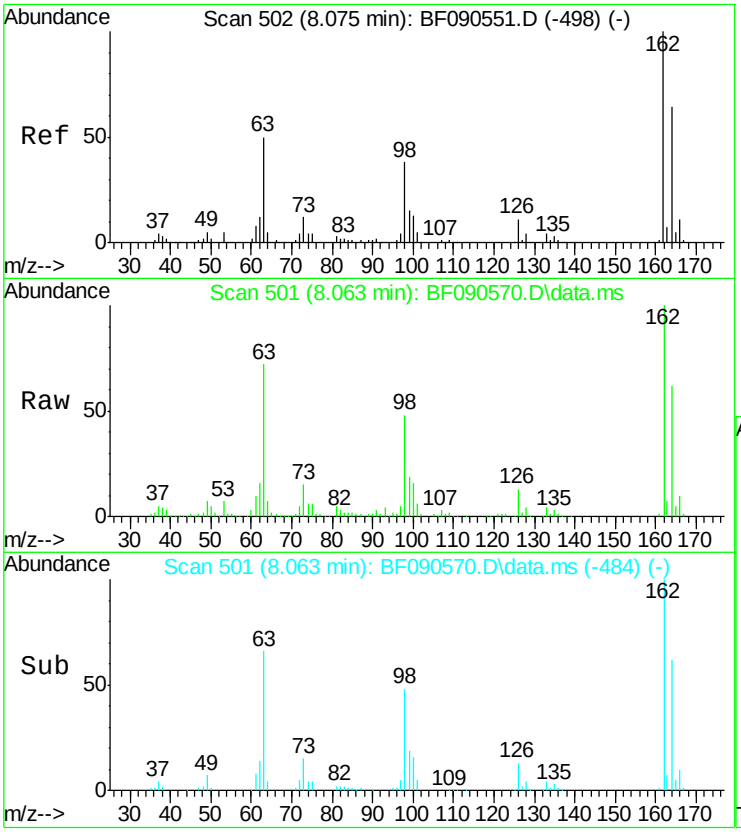




#28
bis(2-Chloroethoxy)methane
Concen: 39.28 ng
RT: 7.960 min Scan# 492
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 93 Resp: 695926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.2 | 39.2 |
| 123 | 11.5 | 8.6 | 13.0 |



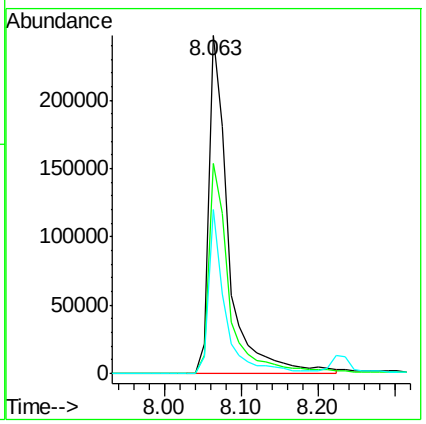


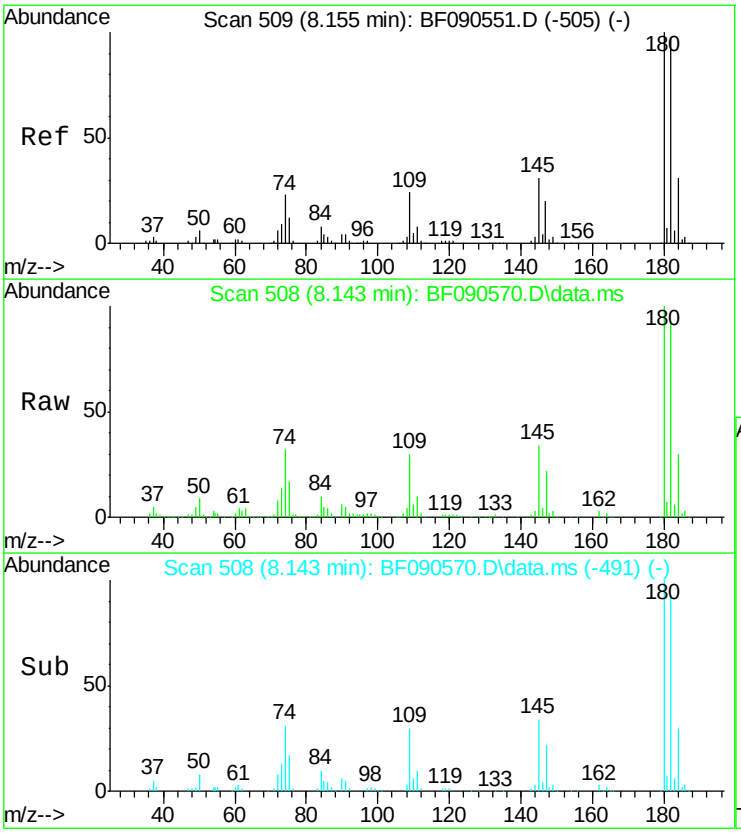

#29
2,4-Dichlorophenol
Concen: 39.00 ng
RT: 8.063 min Scan# 50
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:162 Resp: 435108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.2 | 44.0 | 84.0 |
| 98 | 48.4 | 18.0 | 58.0 |

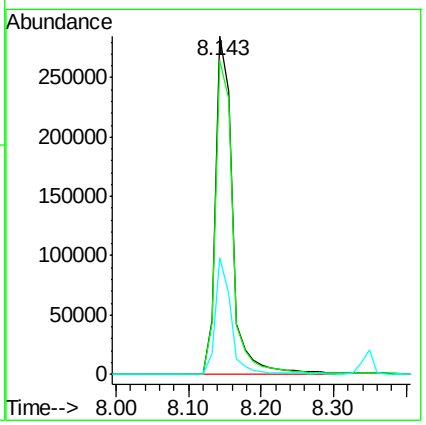


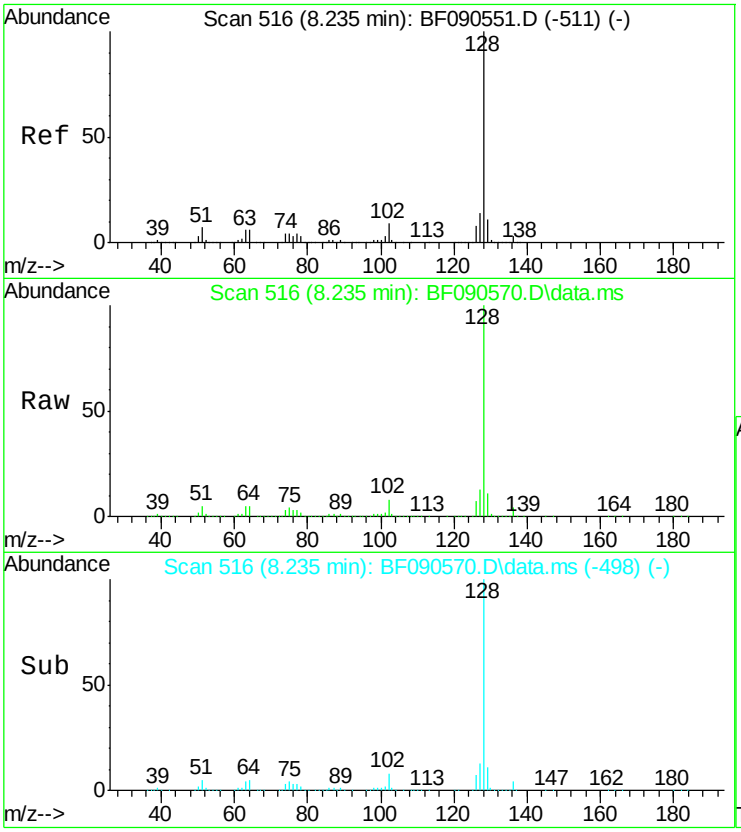




#30
1,2,4-Trichlorobenzene
Concen: 35.53 ng
RT: 8.143 min Scan# 508
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:180 Resp: 464212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.0 | 77.2 | 115.8 |
| 145 | 34.4 | 24.4 | 36.6 |



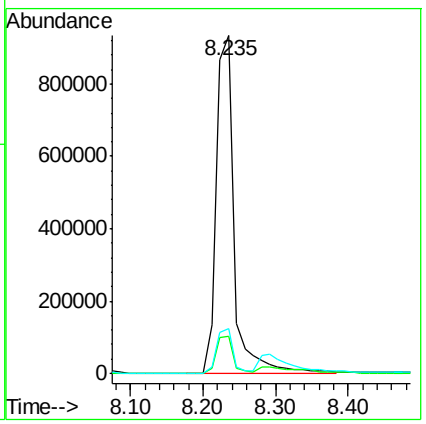


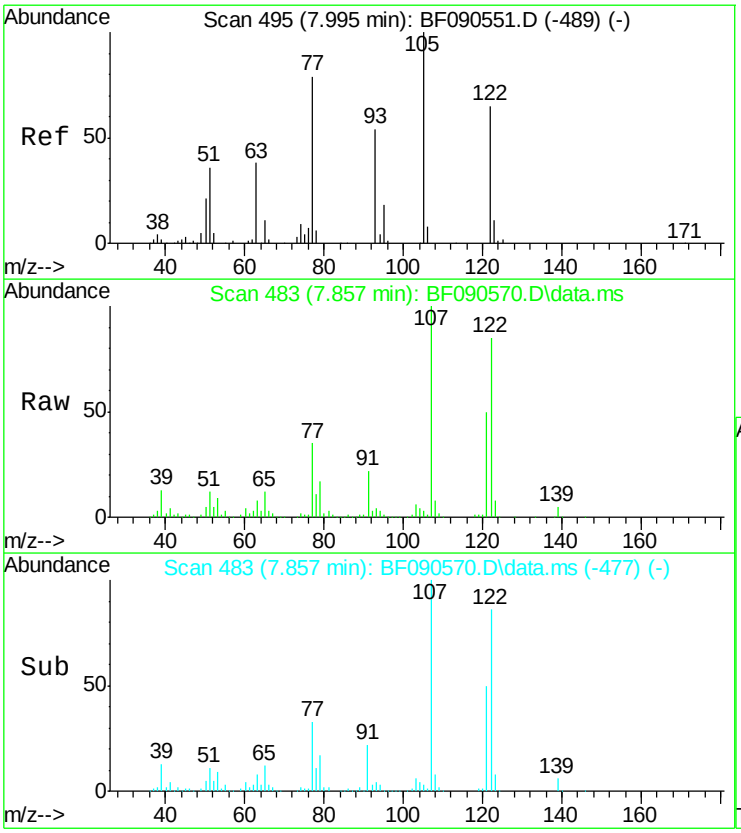

#31
Naphthalene
Concen: 34.27 ng
RT: 8.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:128 Resp: 1598522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.4 | 10.8 | 16.2 |

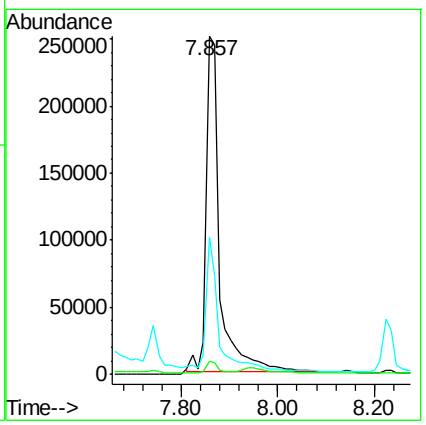


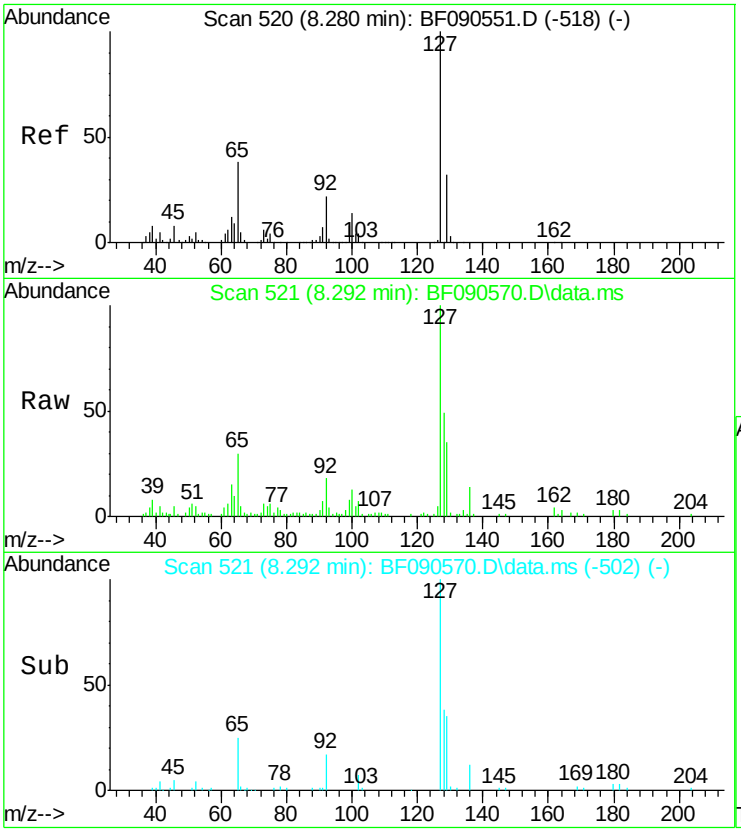




#32
Benzoic acid
Concen: 63.35 ng
RT: 7.857 min Scan# 483
Delta R.T. -0.137 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:122 Resp: 495614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.0 | 101.1 | 141.1# |
| 77 | 40.5 | 84.7 | 124.7# |



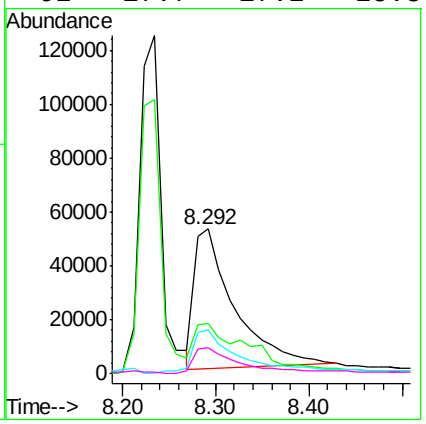


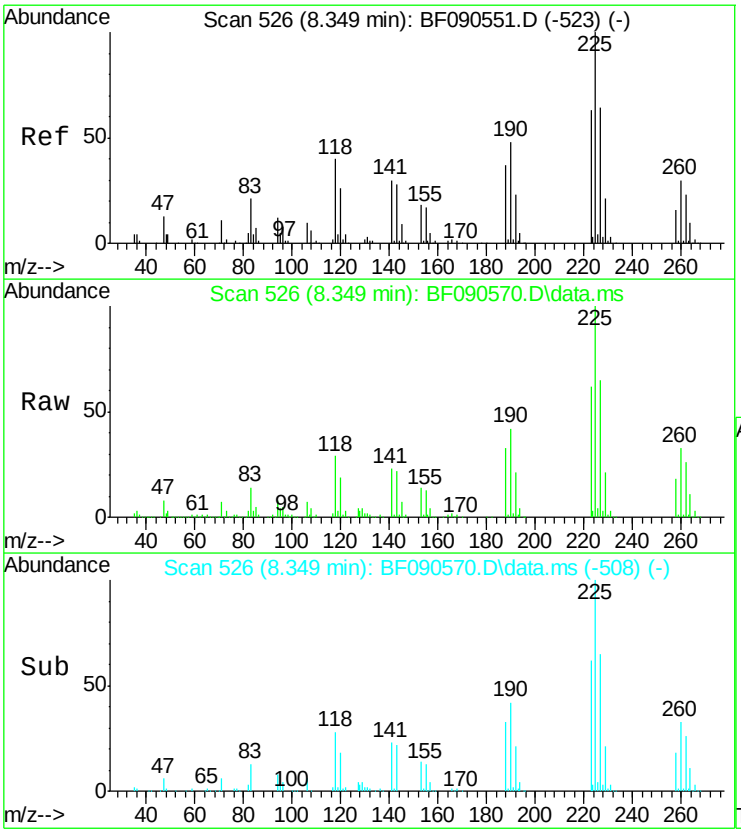

#33
4-Chloroaniline
Concen: 8.67 ng
RT: 8.292 min Scan# 52
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:127 Resp: 154610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.9 | 26.2 | 39.2 |
| 65 | 30.0 | 30.1 | 45.1# |
| 92 | 17.7 | 17.2 | 25.8 |

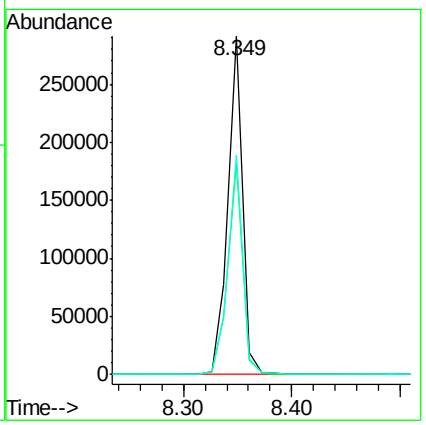


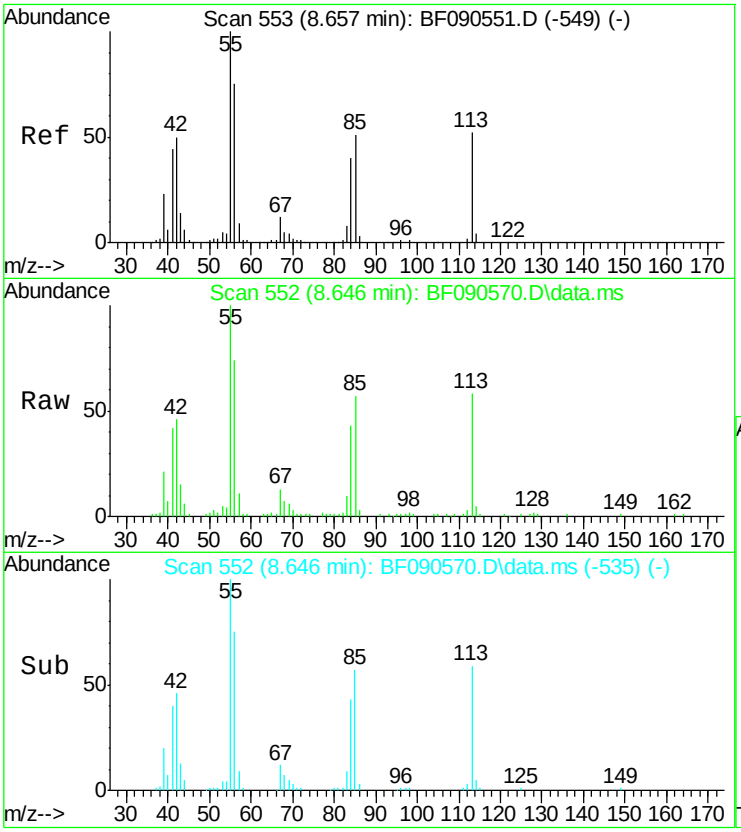




#34
Hexachlorobutadiene
Concen: 37.17 ng
RT: 8.349 min Scan# 526
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:225 Resp: 271336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 50.6 | 76.0 |
| 227 | 64.7 | 51.4 | 77.2 |



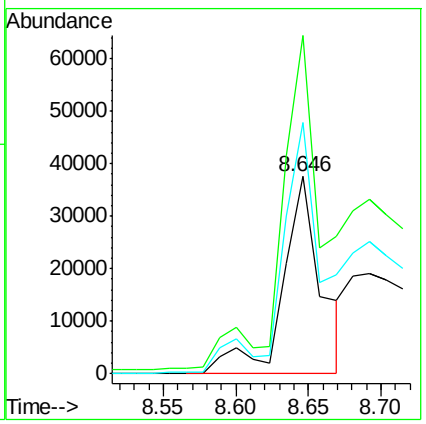


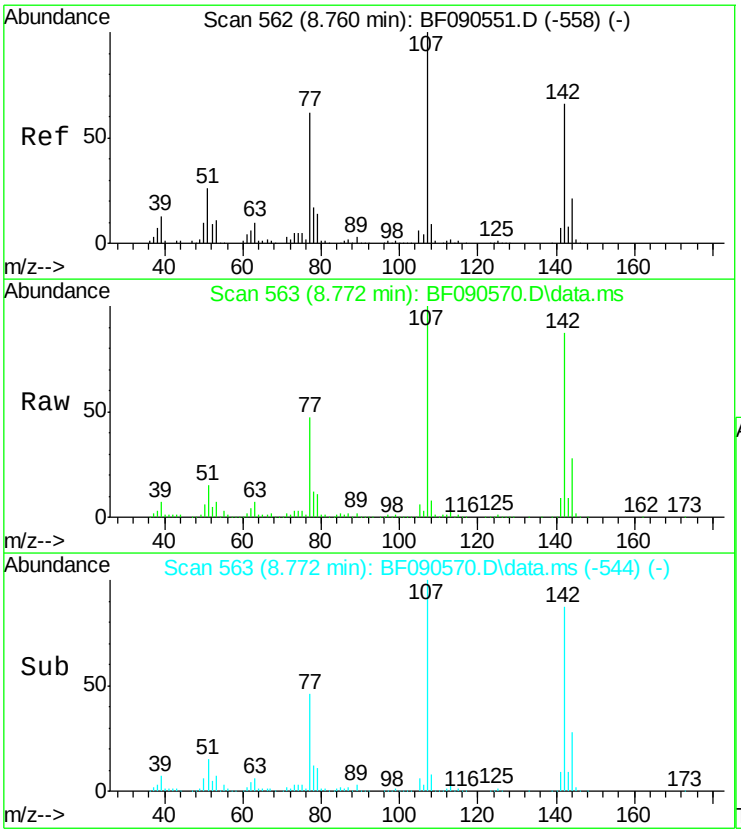

#35
Caprolactam
Concen: 21.94 ng
RT: 8.646 min Scan# 55
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:113 Resp: 68315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 171.5 | 170.8 | 210.8 |
| 56 | 127.7 | 122.4 | 162.4 |

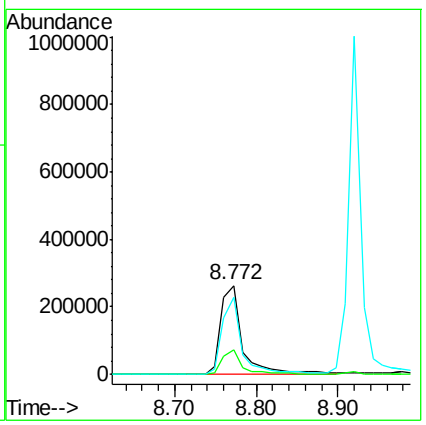


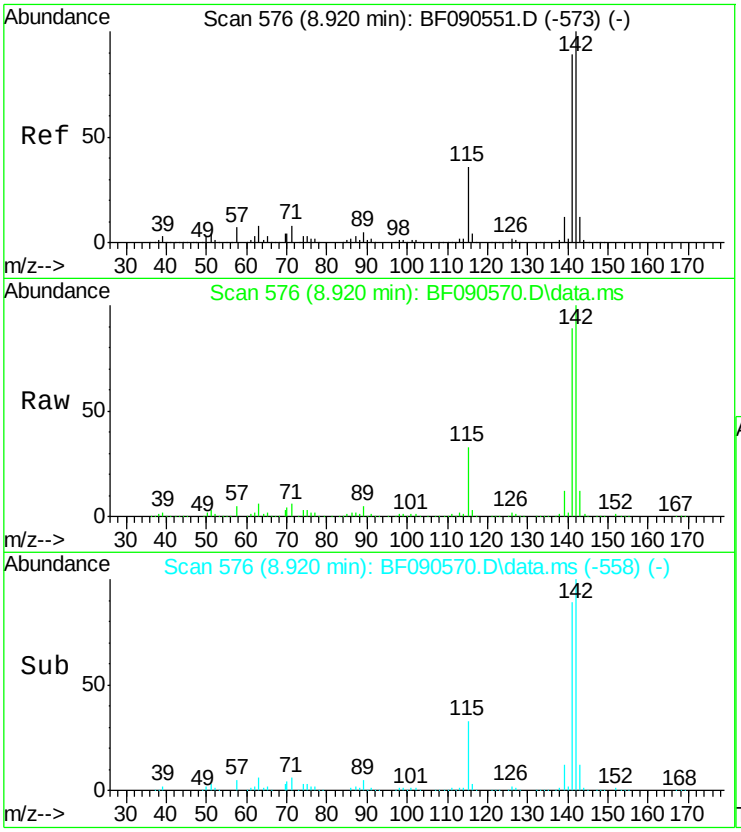




#36
4-Chloro-3-methylphenol
Concen: 37.57 ng
RT: 8.772 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:107 Resp: 483655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.2 | 16.9 | 25.3# |
| 142 | 86.8 | 52.5 | 78.7# |



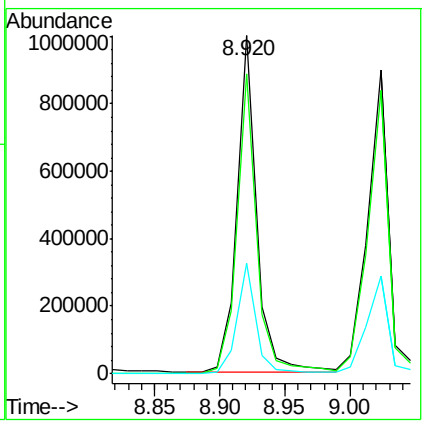


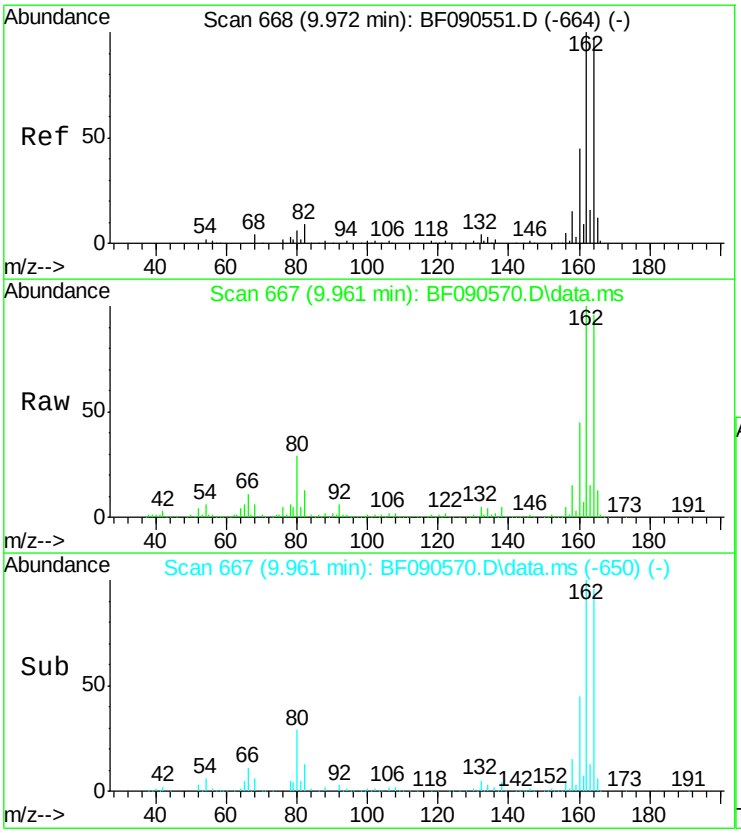

#37
2-Methylnaphthalene
Concen: 37.71 ng
RT: 8.920 min Scan# 57
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:142 Resp: 1033161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.3 | 106.9 |
| 115 | 32.6 | 28.8 | 43.2 |

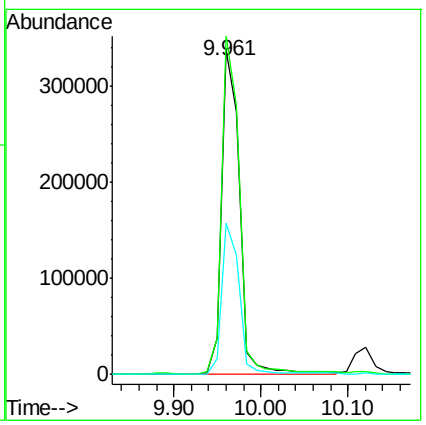


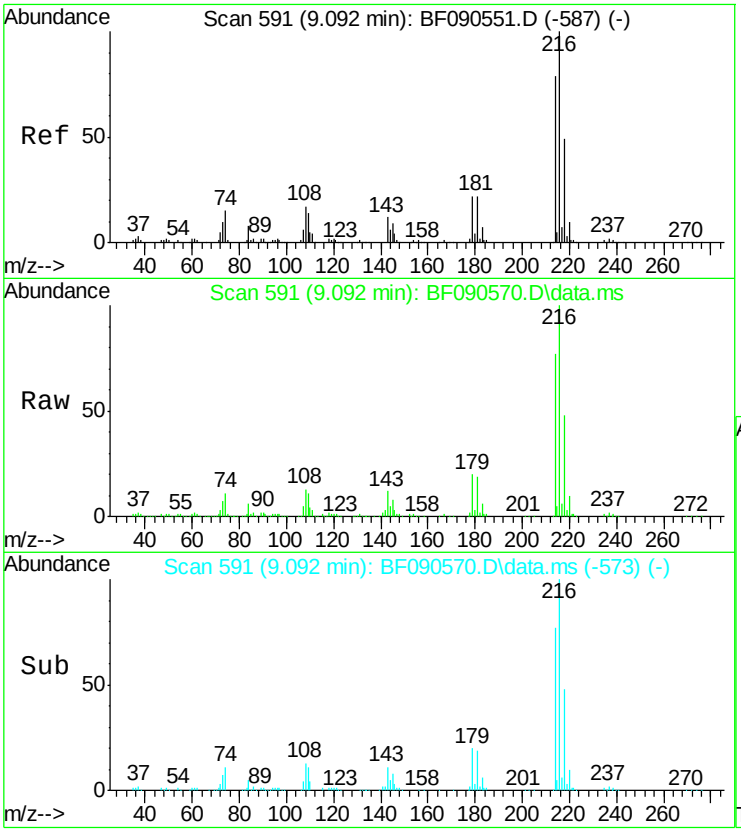




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.961 min Scan# 667
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:164 Resp: 483826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.2 | 82.2 | 123.4 |
| 160 | 46.6 | 36.6 | 55.0 |



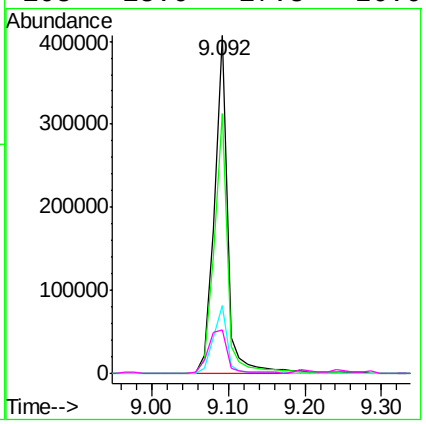


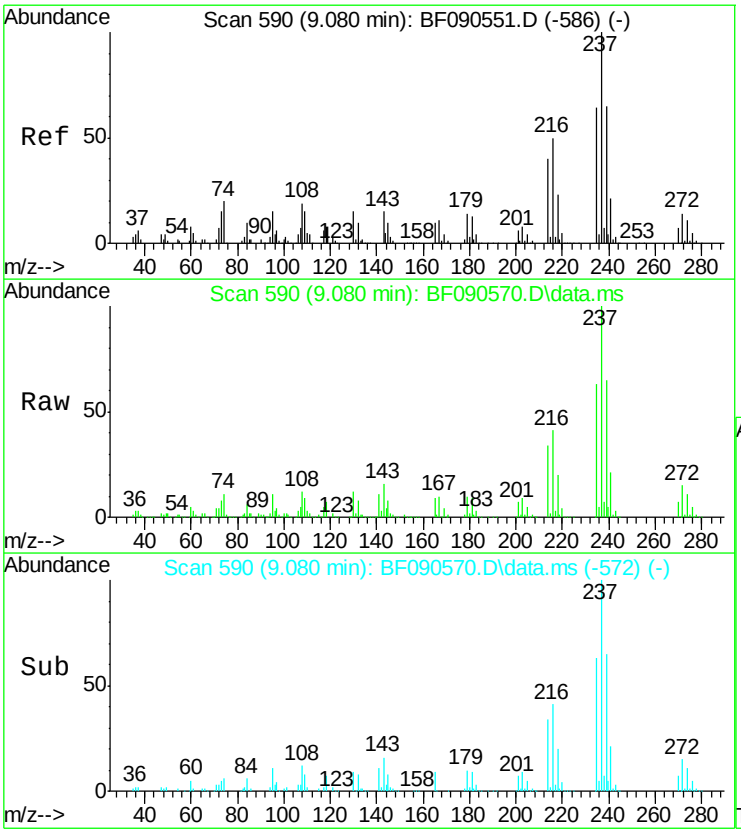

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.06 ng
RT: 9.092 min Scan# 59
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:216 Resp: 488285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.9 | 63.5 | 95.3 |
| 179 | 21.6 | 18.9 | 28.3 |
| 108 | 18.6 | 17.8 | 26.6 |

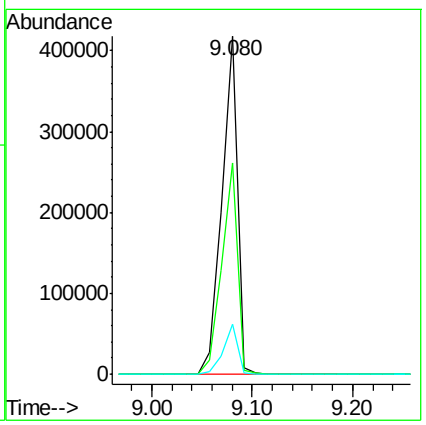


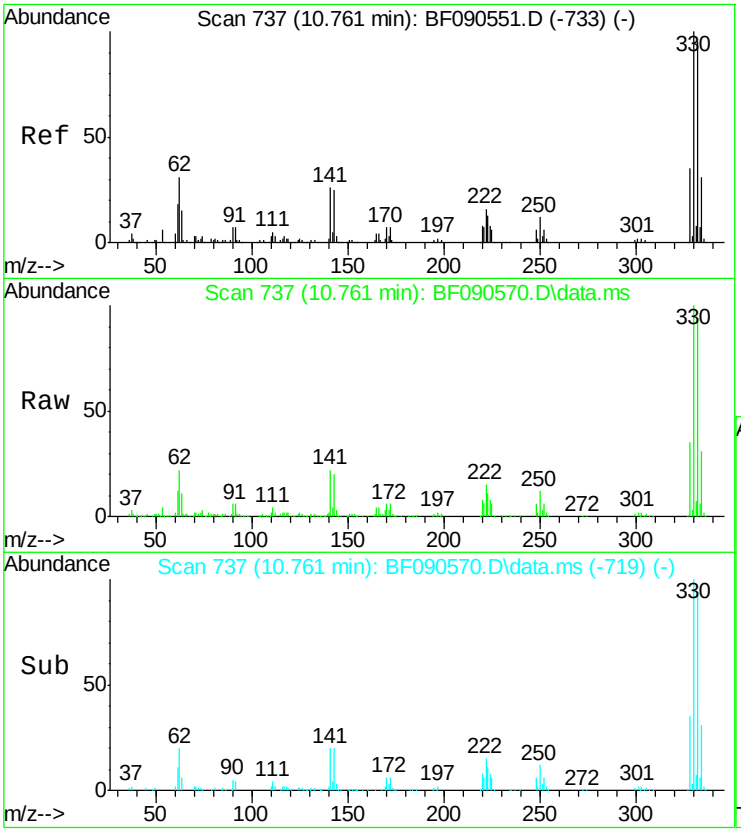




#40
Hexachlorocyclopentadiene
Concen: 71.77 ng
RT: 9.080 min Scan# 590
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:237 Resp: 449786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 43.8 | 83.8 |
| 272 | 14.7 | 0.0 | 33.7 |



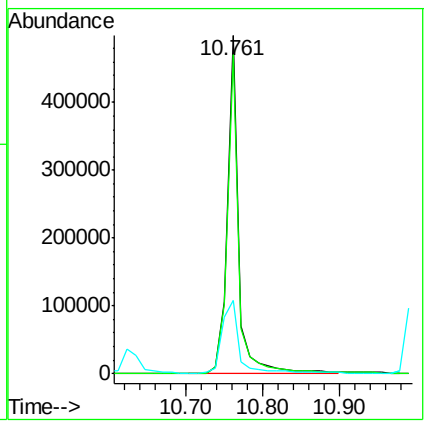


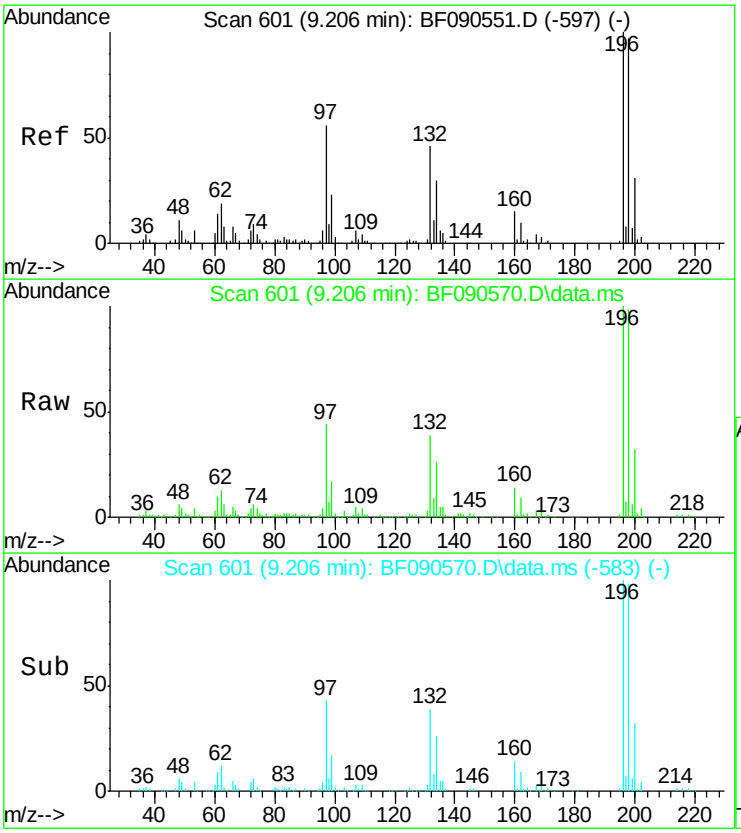

#41
2,4,6-Tribromophenol
Concen: 122.37 ng
RT: 10.761 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:330 Resp: 527859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 76.2 | 114.2 |
| 141 | 31.5 | 31.4 | 47.2 |

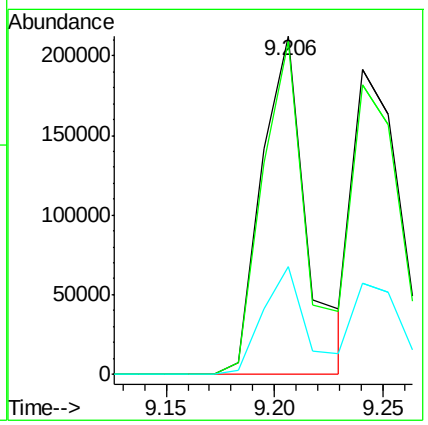


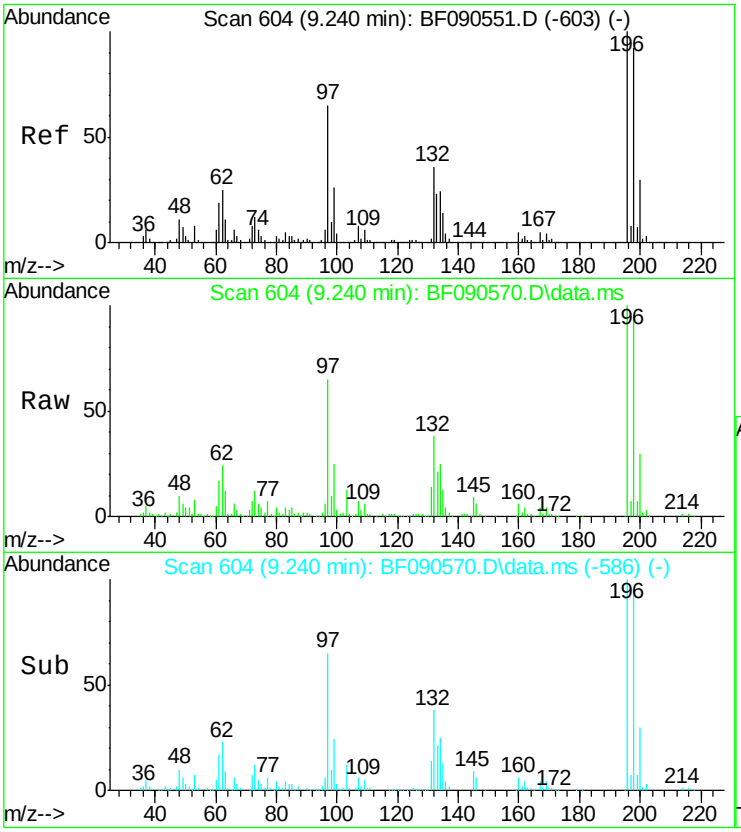




#42
2,4,6-Trichlorophenol
Concen: 42.53 ng
RT: 9.206 min Scan# 601
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:196 Resp: 307777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.5 | 77.9 | 116.9 |
| 200 | 31.9 | 25.1 | 37.7 |



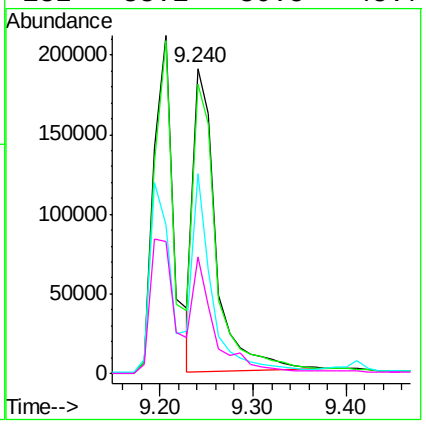


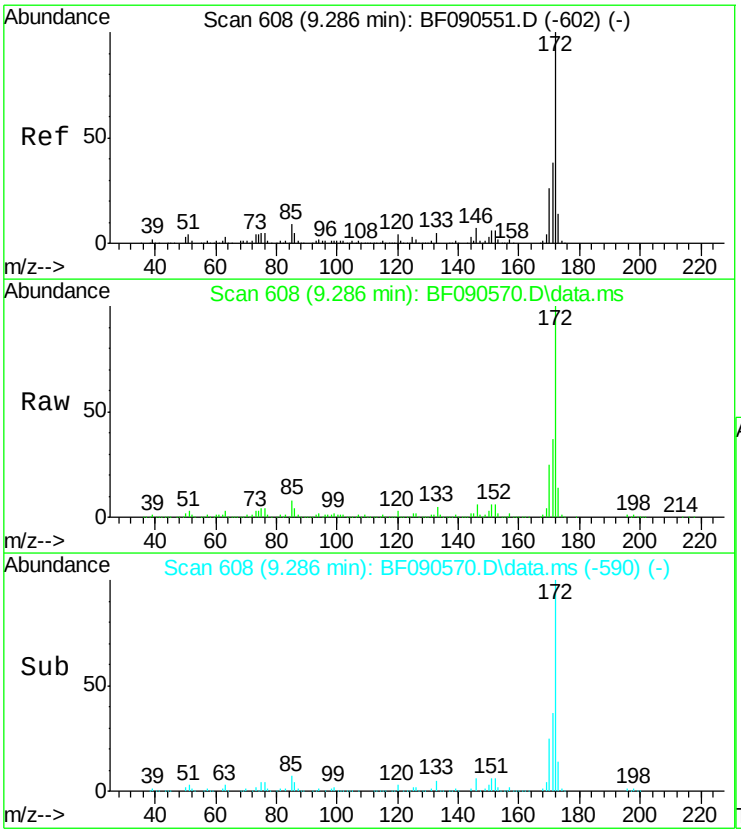

#43
2,4,5-Trichlorophenol
Concen: 37.29 ng
RT: 9.240 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:196 Resp: 321886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.9 | 74.0 | 111.0 |
| 97 | 65.3 | 54.7 | 82.1 |
| 132 | 38.1 | 30.5 | 45.7 |

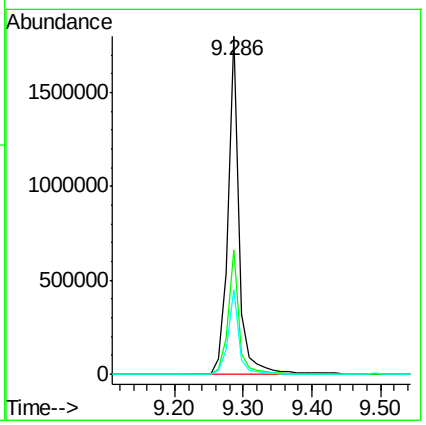


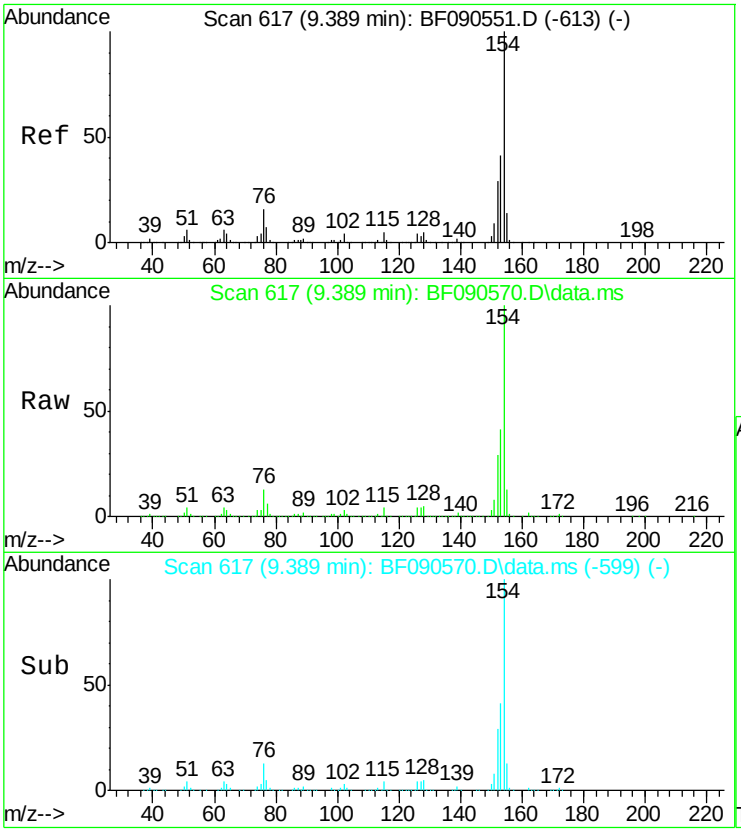




#44
2-Fluorobiphenyl
Concen: 70.46 ng
RT: 9.286 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:172 Resp: 2068838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 30.1 | 45.1 |
| 170 | 25.0 | 20.6 | 30.8 |



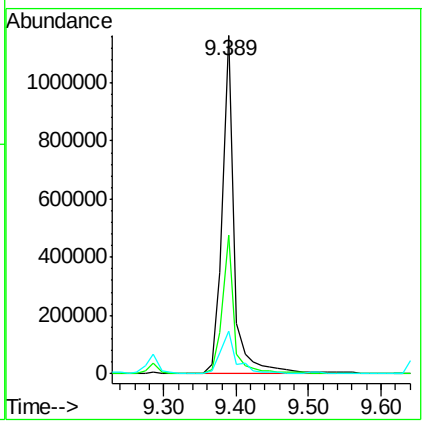


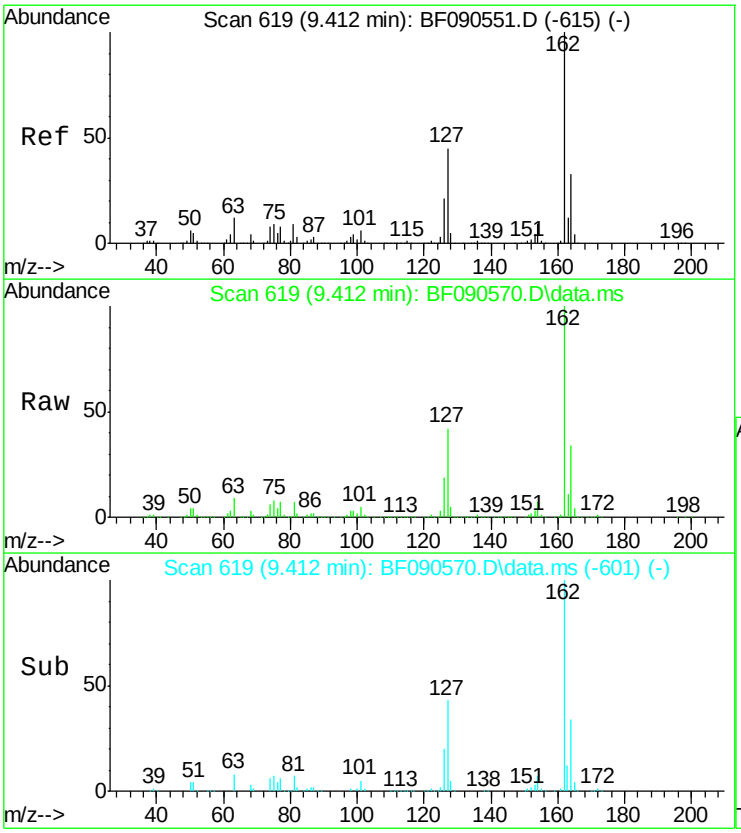

#45
1,1'-Biphenyl
Concen: 36.10 ng
RT: 9.389 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:154 Resp: 1329074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 21.5 | 61.5 |
| 76 | 12.6 | 0.0 | 36.0 |

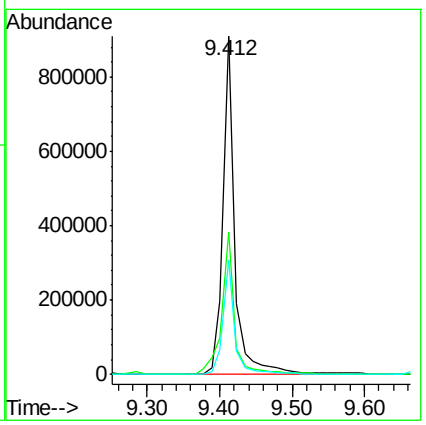


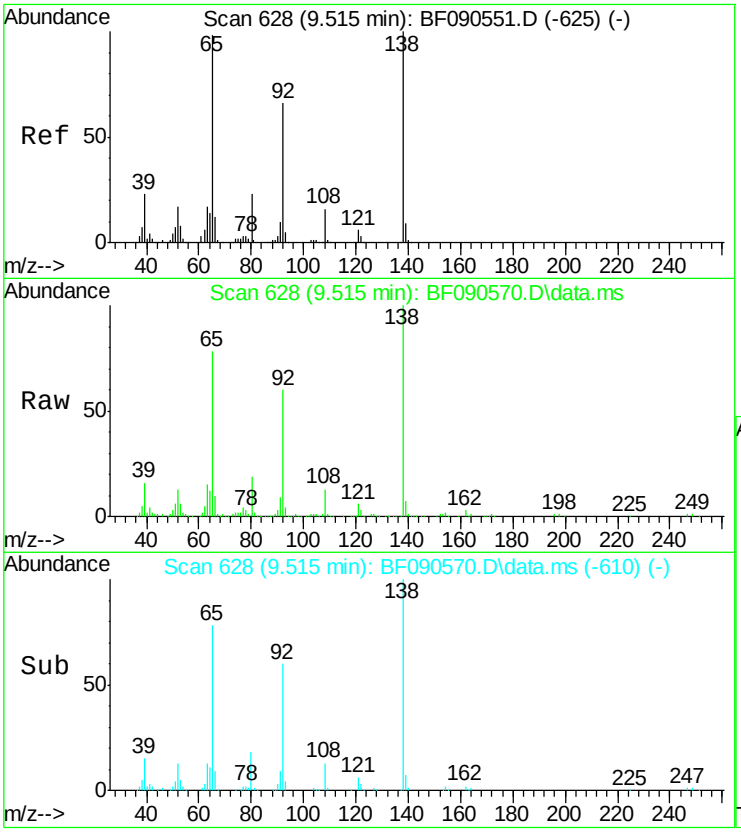




#46
2-Chloronaphthalene
Concen: 37.51 ng
RT: 9.412 min Scan# 619
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:162 Resp: 1029671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.9 | 35.9 | 53.9 |
| 164 | 33.6 | 26.7 | 40.1 |



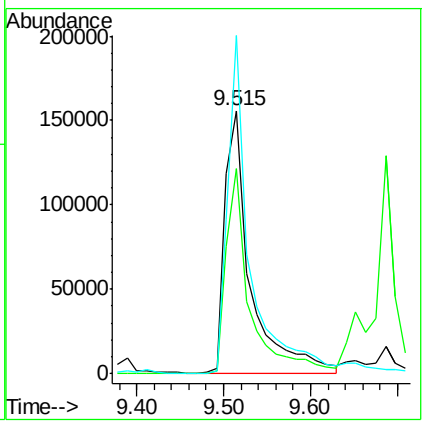


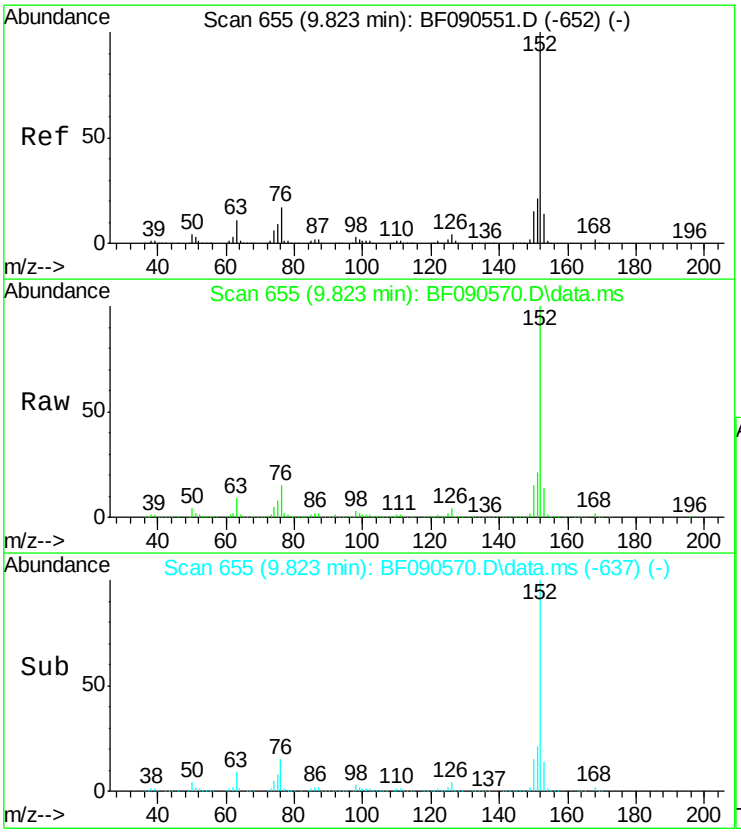

#47
2-Nitroaniline
Concen: 31.86 ng
RT: 9.515 min Scan# 62
Delta R.T. 0.001 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion: 65 Resp: 317101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.7 | 54.3 | 81.5 |
| 138 | 128.5 | 81.7 | 122.5# |

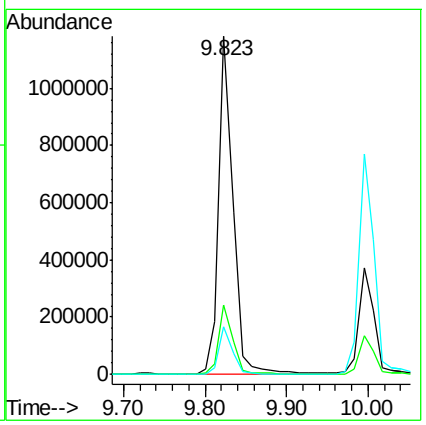


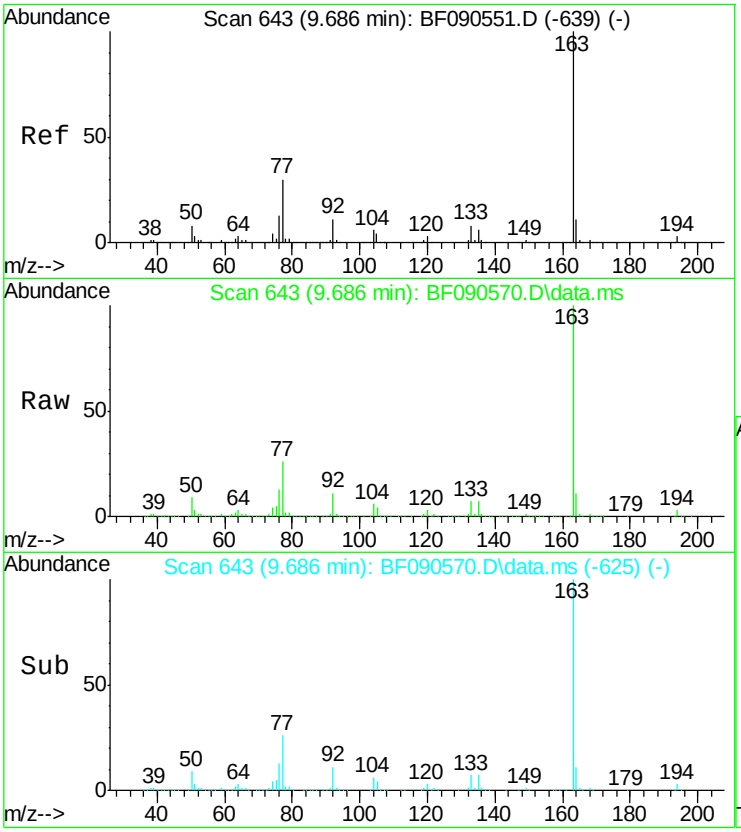




#48
Acenaphthylene
Concen: 32.94 ng
RT: 9.823 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:152 Resp: 1439959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.6 | 25.0 |
| 153 | 14.0 | 11.3 | 16.9 |



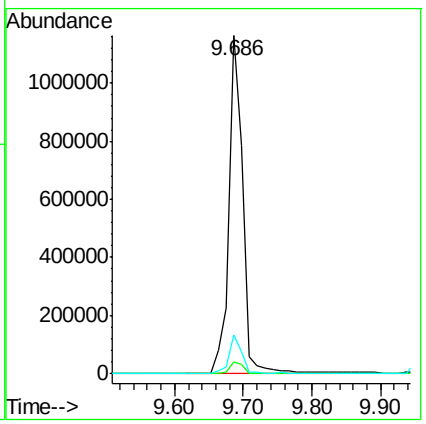


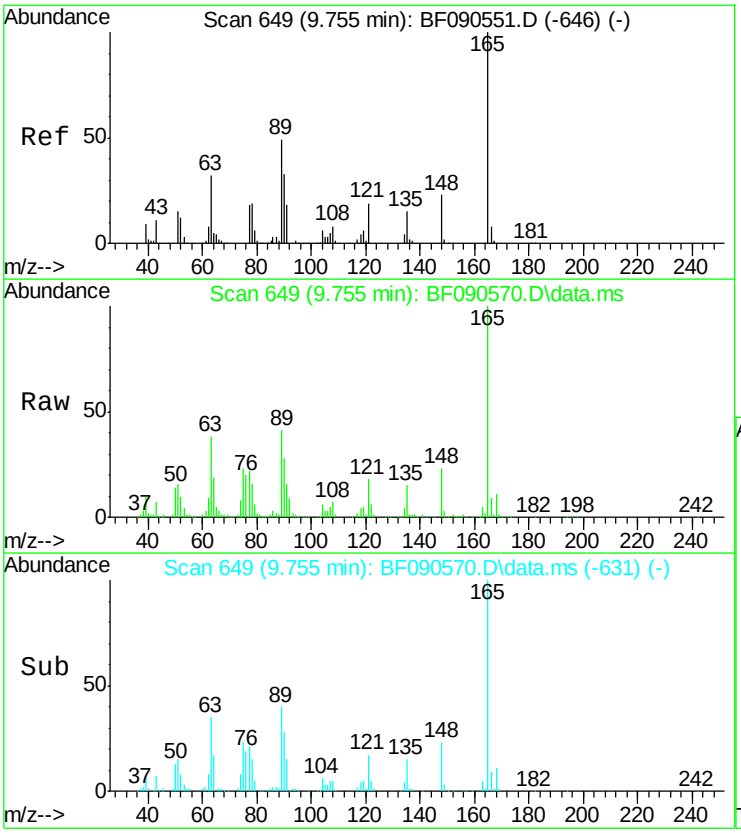

#49
Dimethylphthalate
Concen: 52.91 ng
RT: 9.686 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:163 Resp: 1660794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.3 | 3.5 |
| 164 | 11.3 | 8.6 | 13.0 |

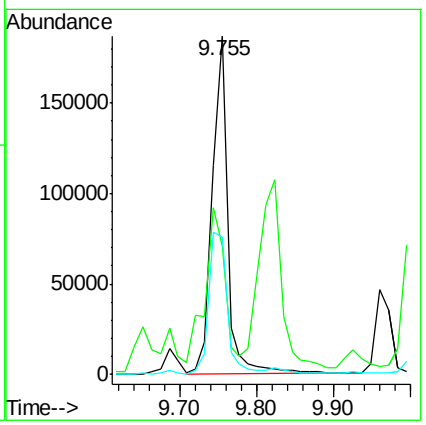


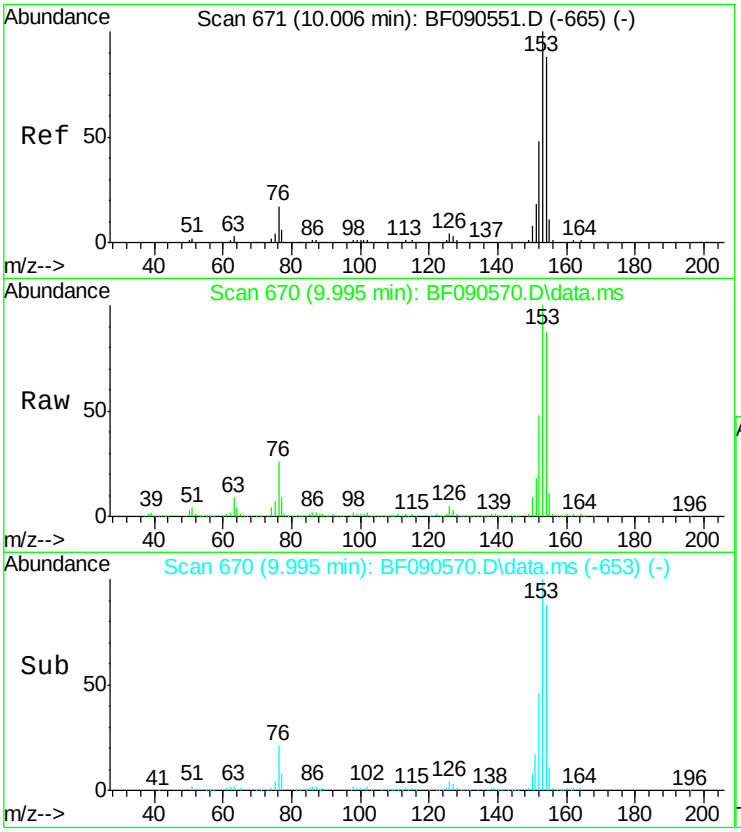




#50
2,6-Dinitrotoluene
Concen: 37.82 ng
RT: 9.755 min Scan# 649
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:165 Resp: 259800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.0 | 40.1 | 60.1# |
| 89 | 40.7 | 39.5 | 59.3 |



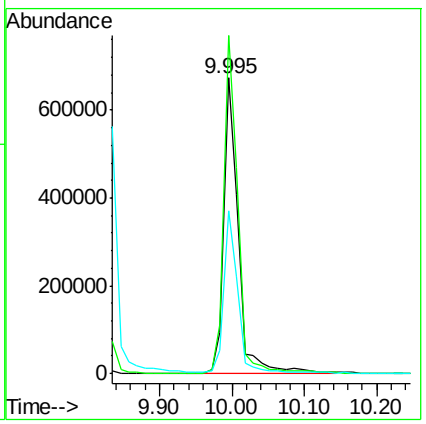


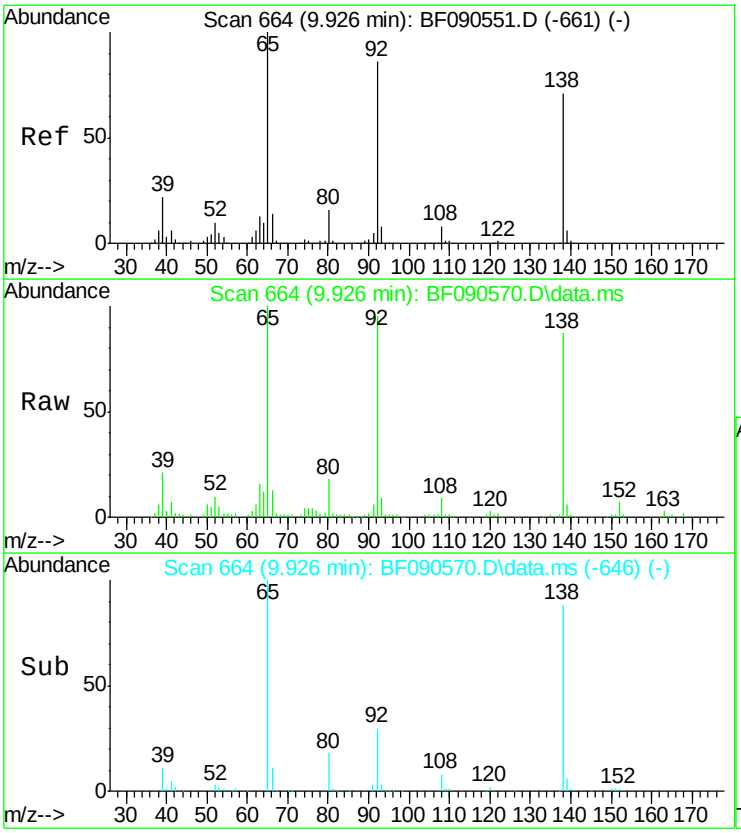

#51
Acenaphthene
Concen: 32.20 ng
RT: 9.995 min Scan# 67
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:154 Resp: 935697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.3 | 91.2 | 136.8 |
| 152 | 54.9 | 44.0 | 66.0 |

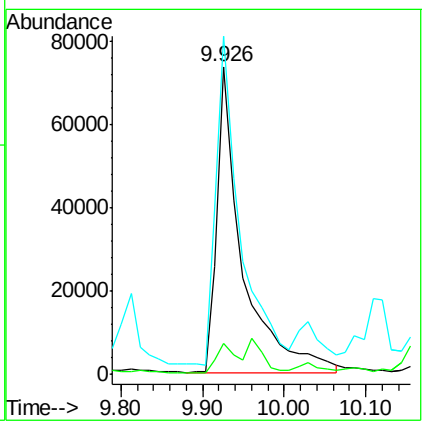


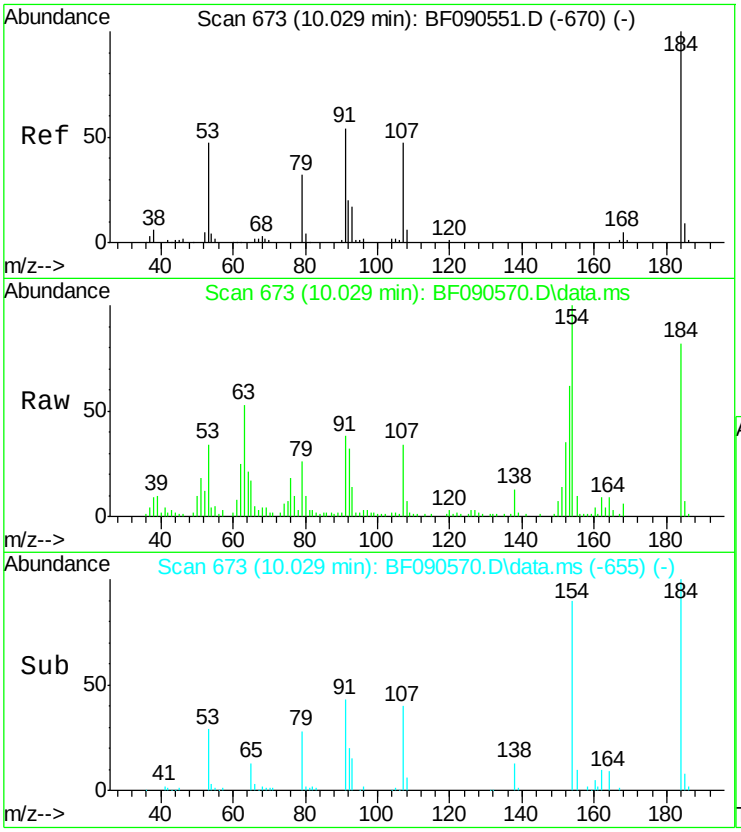




#52
3-Nitroaniline
Concen: 18.36 ng
RT: 9.926 min Scan# 664
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:138 Resp: 158279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 8.6 | 12.8 |
| 92 | 109.9 | 97.8 | 146.8 |



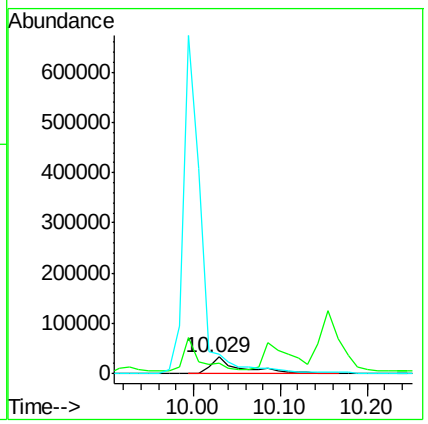


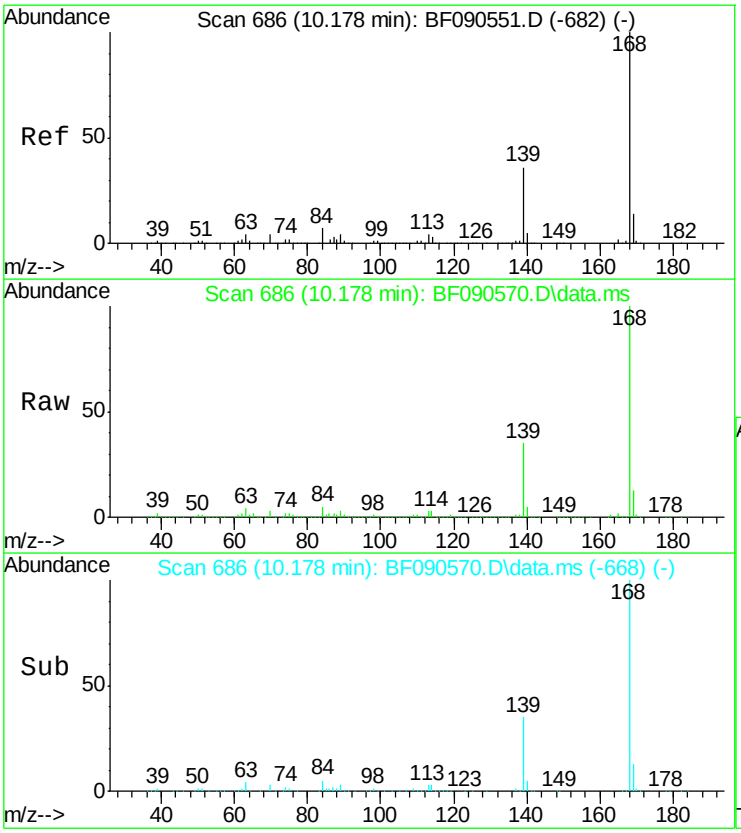

#53
2,4-Dinitrophenol
Concen: 25.66 ng
RT: 10.029 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:184 Resp: 80204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 65.2 | 60.2 | 90.2 |
| 154 | 122.3 | 86.1 | 129.1 |

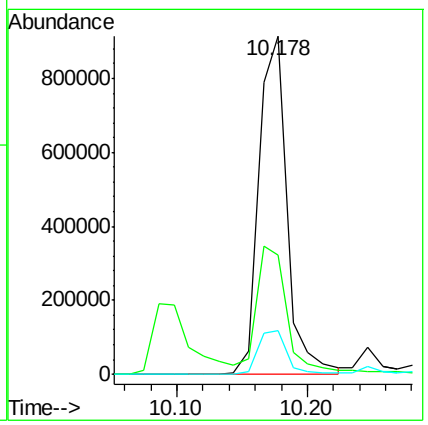


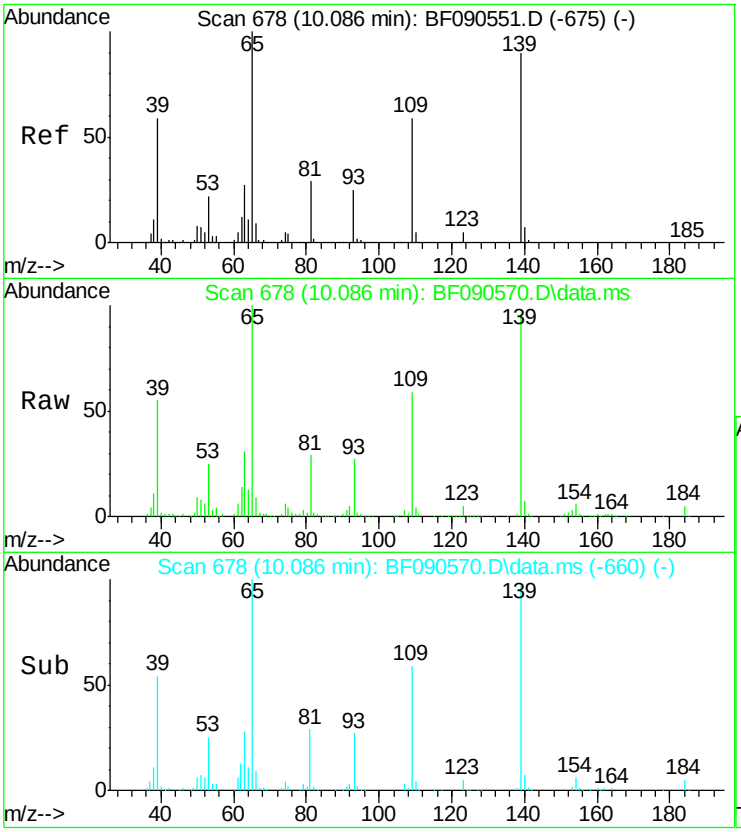




#54
Dibenzofuran
Concen: 36.07 ng
RT: 10.178 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:168 Resp: 1378656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.2 | 30.5 | 45.7 |
| 169 | 13.1 | 10.9 | 16.3 |



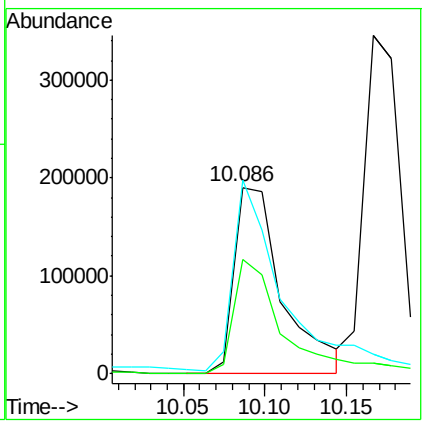


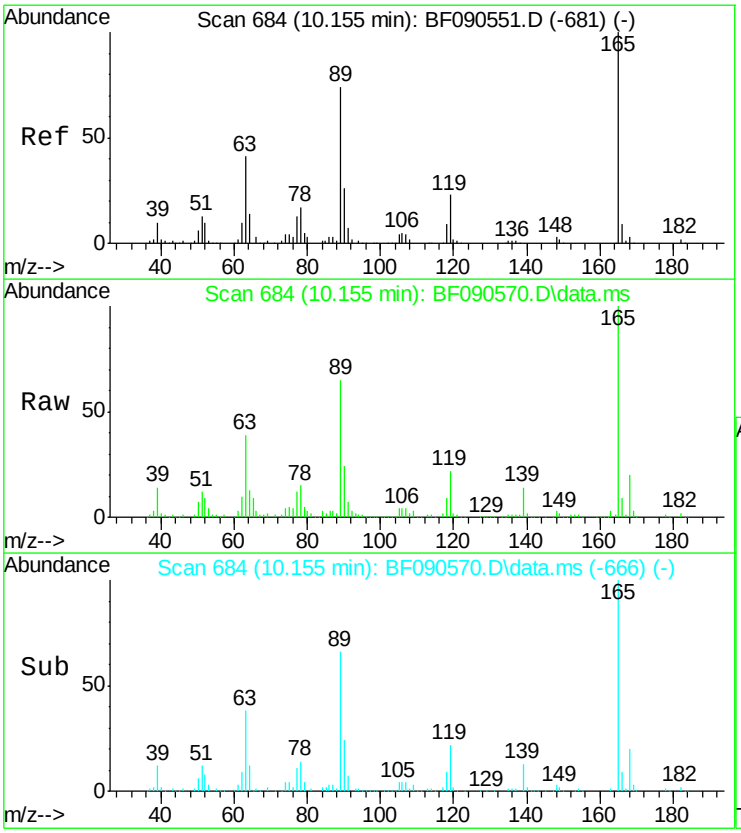

#55
4-Nitrophenol
Concen: 74.54 ng
RT: 10.086 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:139 Resp: 386682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.3 | 45.9 | 85.9 |
| 65 | 104.0 | 95.8 | 135.8 |

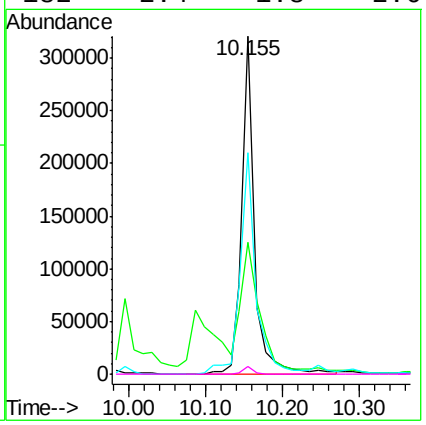


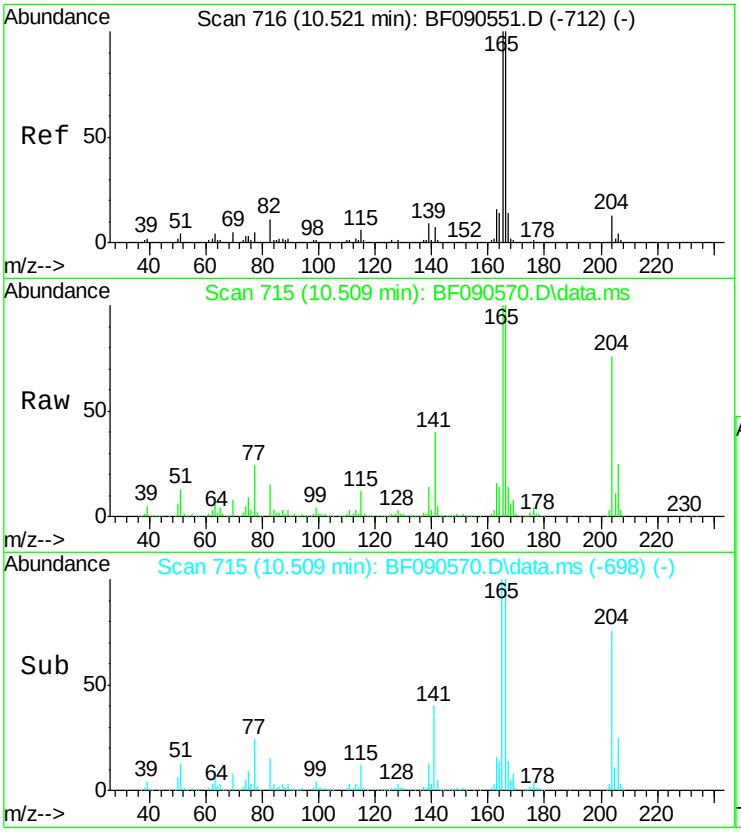




#56
2,4-Dinitrotoluene
Concen: 39.32 ng
RT: 10.155 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:165 Resp: 366851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.2 | 35.4 | 53.0 |
| 89 | 65.4 | 59.0 | 88.4 |
| 182 | 2.4 | 1.8 | 2.6 |



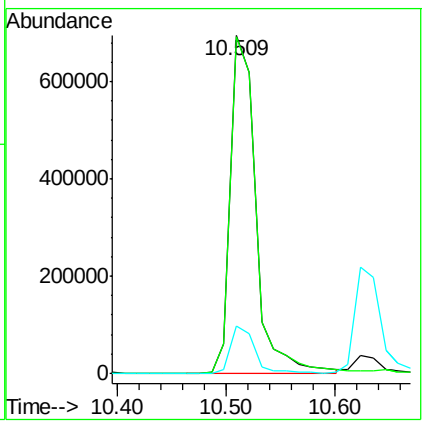


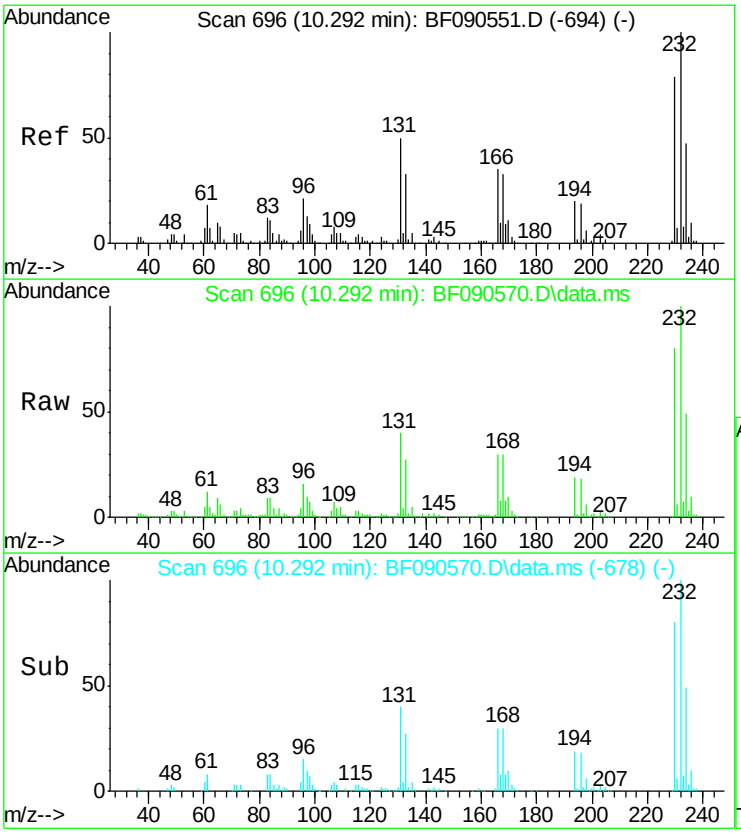

#57
Fluorene
Concen: 35.03 ng
RT: 10.509 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:166 Resp: 1104300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.6 | 79.9 | 119.9 |
| 167 | 14.1 | 10.9 | 16.3 |

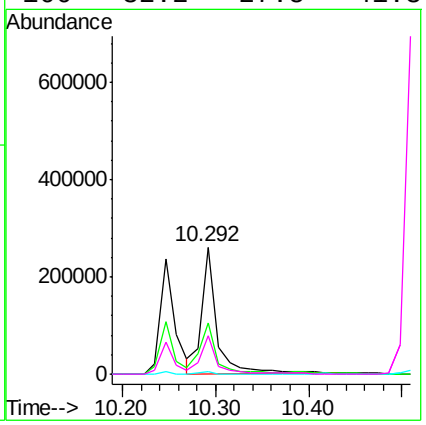


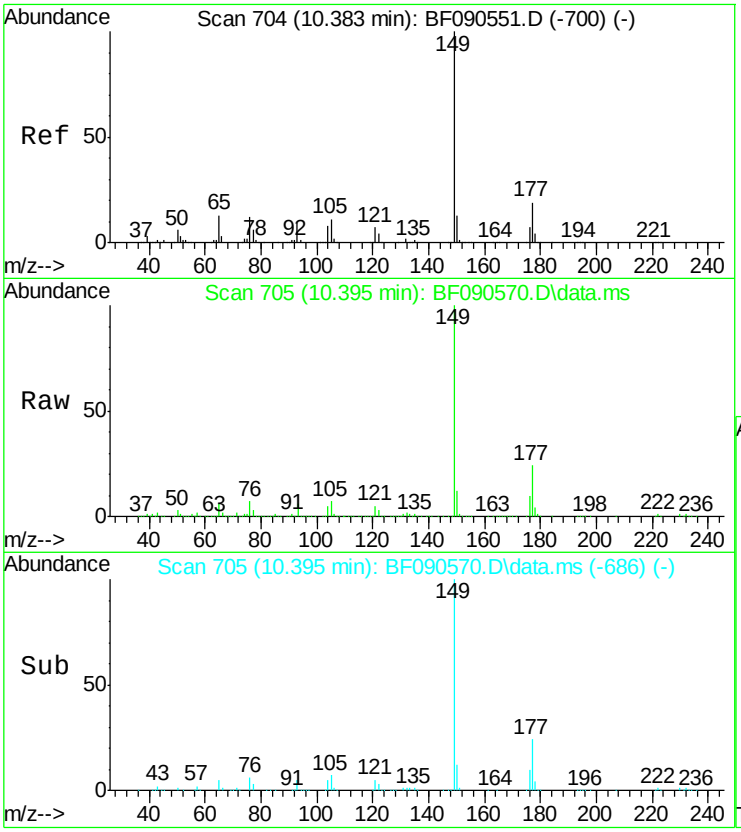




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.37 ng
RT: 10.292 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:232 Resp: 297429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.8 | 42.6 | 64.0# |
| 130 | 1.7 | 1.8 | 2.8# |
| 166 | 32.2 | 27.5 | 41.3 |



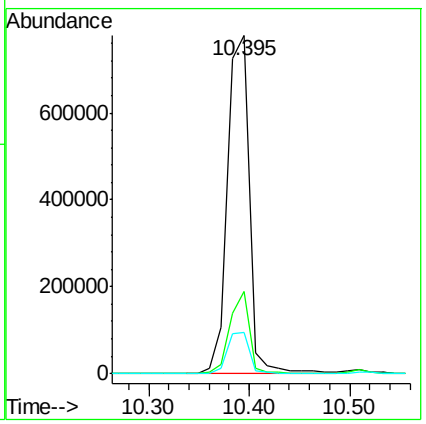


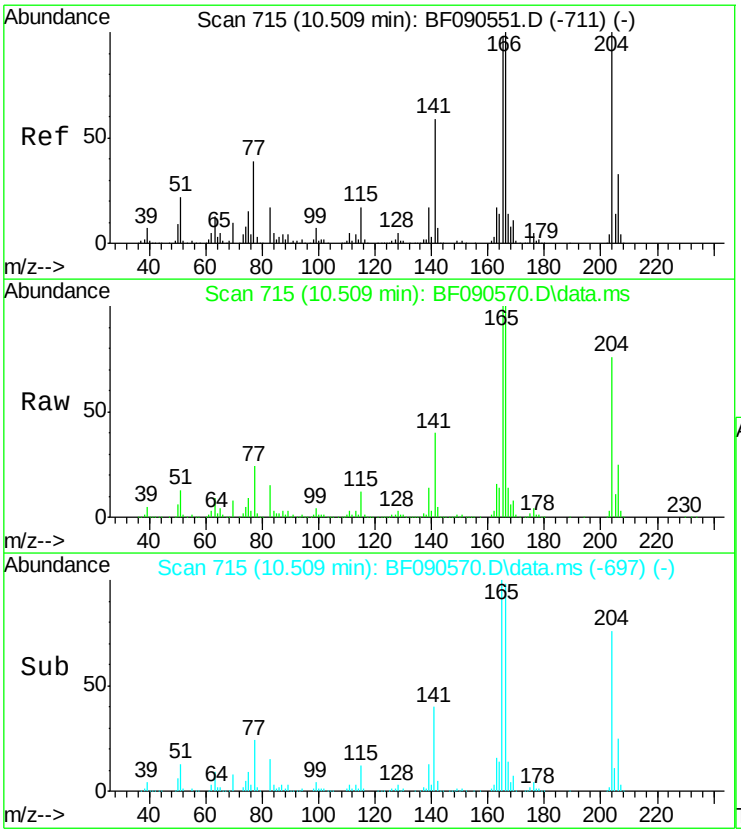

#59
Diethylphthalate
Concen: 37.17 ng
RT: 10.395 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:149 Resp: 1183249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.2 | 15.3 | 22.9# |
| 150 | 12.2 | 10.3 | 15.5 |

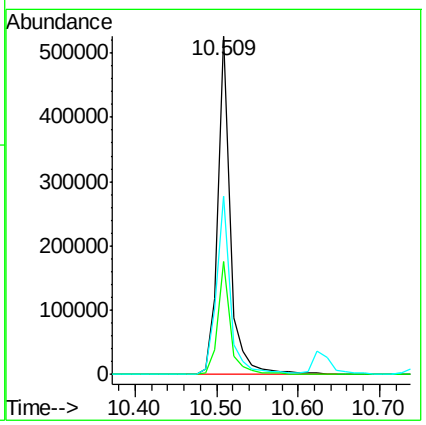


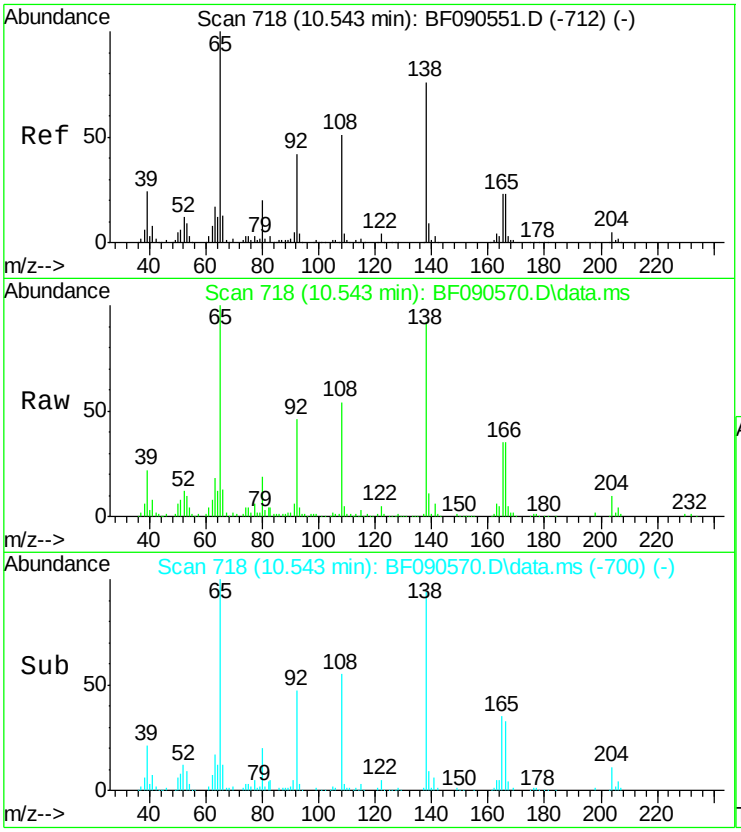




#60
4-Chlorophenyl-phenylether
Concen: 38.05 ng
RT: 10.509 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:204 Resp: 565430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.5 | 39.7 |
| 141 | 52.8 | 47.2 | 70.8 |



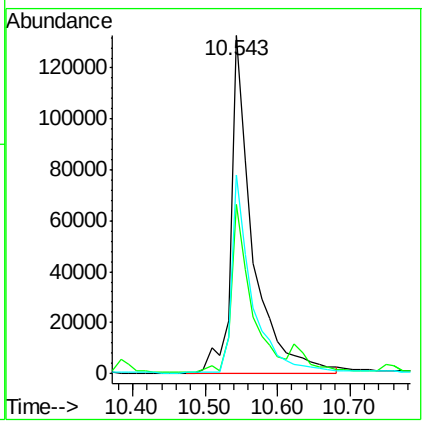


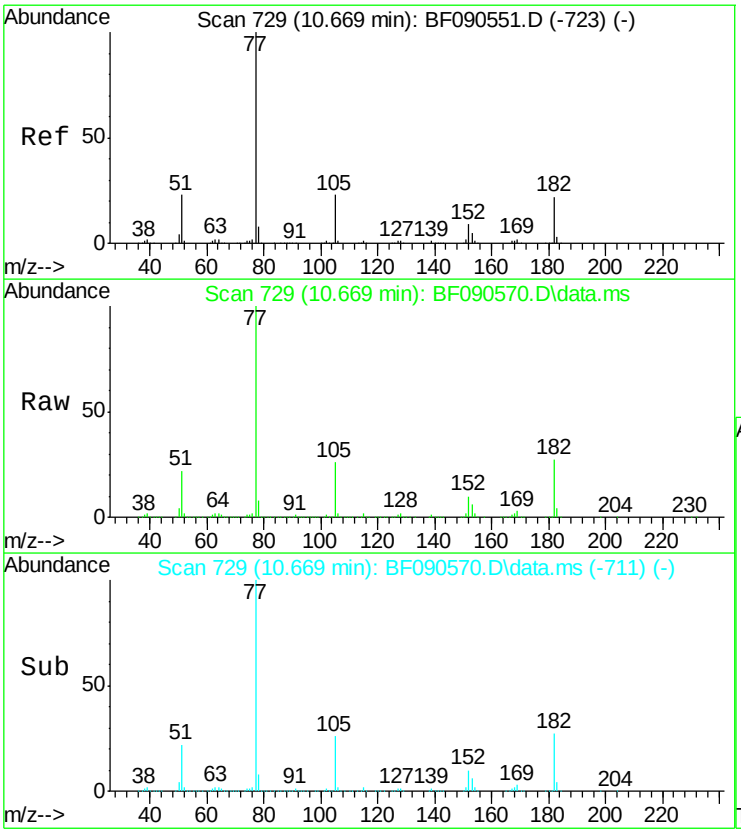

#61
4-Nitroaniline
Concen: 31.53 ng
RT: 10.543 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:138 Resp: 272551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.0 | 35.7 | 75.7 |
| 108 | 58.6 | 46.9 | 86.9 |

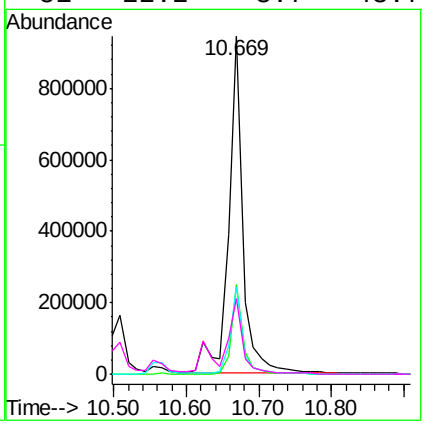


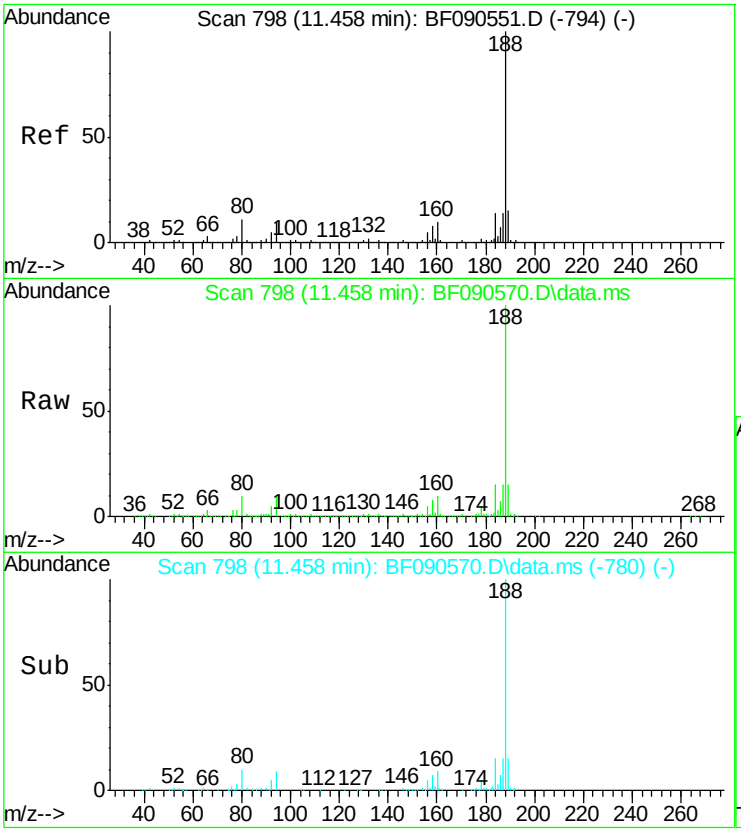




#62
Azobenzene
Concen: 35.19 ng
RT: 10.669 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion: 77 Resp: 1295795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.7 | 2.2 | 42.2 |
| 105 | 25.9 | 3.5 | 43.5 |
| 51 | 22.2 | 3.7 | 43.7 |



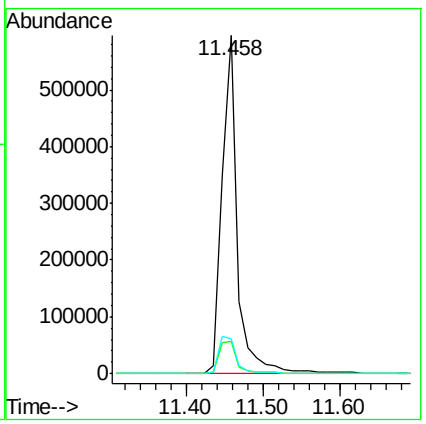


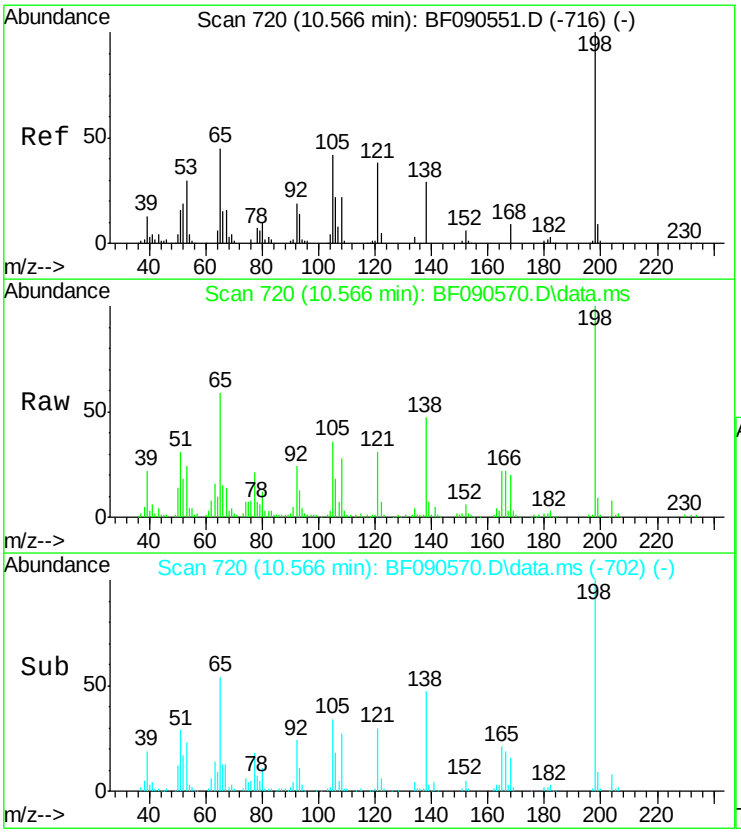

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.458 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:188 Resp: 837580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.7 | 11.5 |
| 80 | 10.2 | 8.6 | 12.8 |

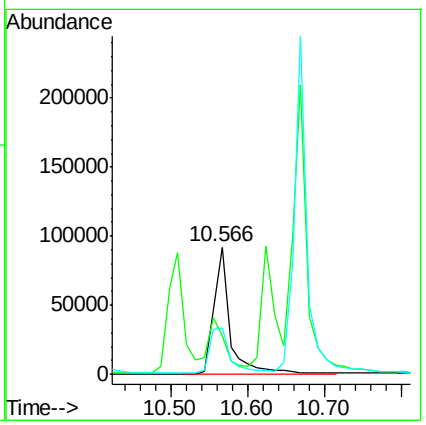


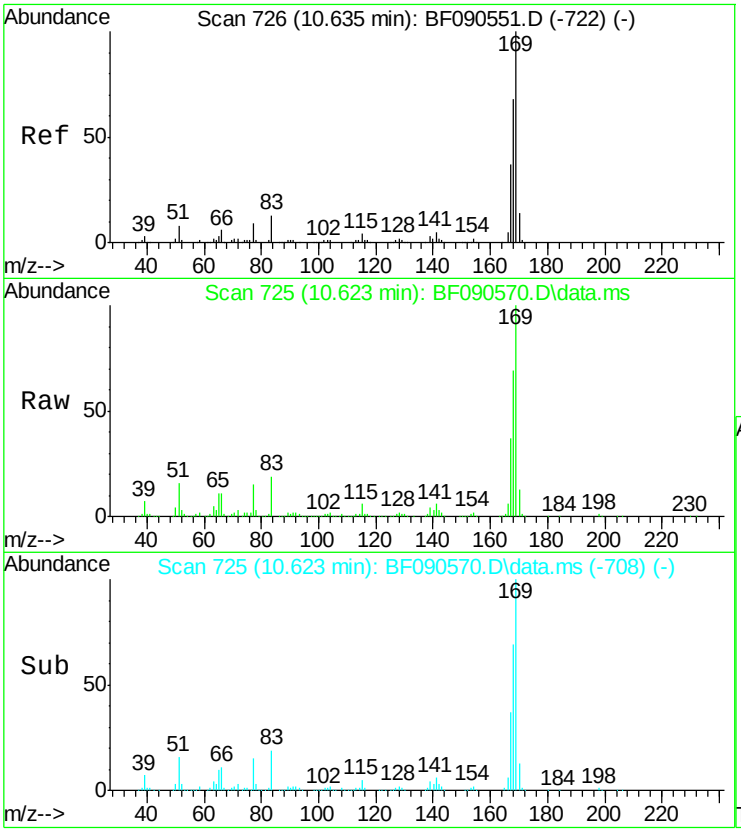




#64
4,6-Dinitro-2-methylphenol
Concen: 26.92 ng
RT: 10.566 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:198 Resp: 136467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 30.9 | 19.7 | 59.7 |
| 105 | 36.0 | 22.6 | 62.6 |



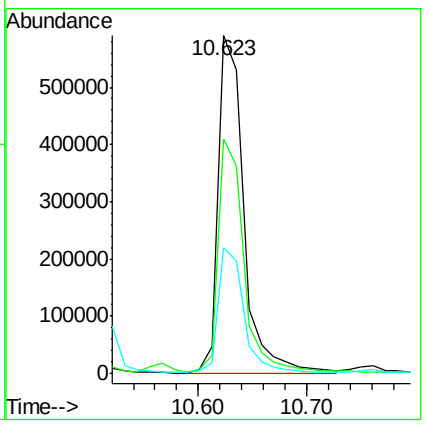


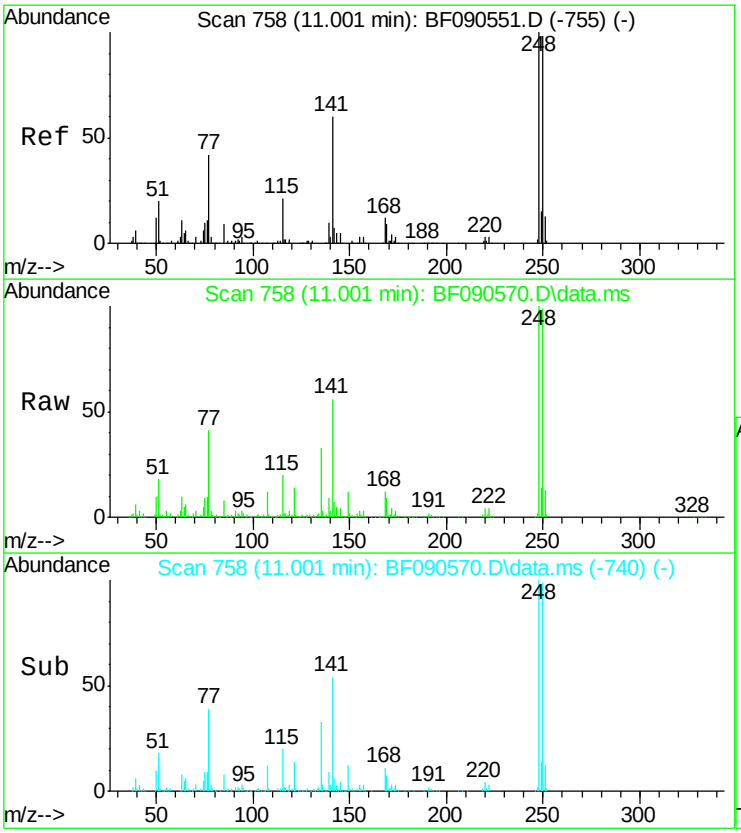

#65
n-Nitrosodiphenylamine
Concen: 34.90 ng
RT: 10.623 min Scan# 72
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:169 Resp: 965498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.2 | 54.6 | 81.8 |
| 167 | 37.1 | 29.8 | 44.8 |

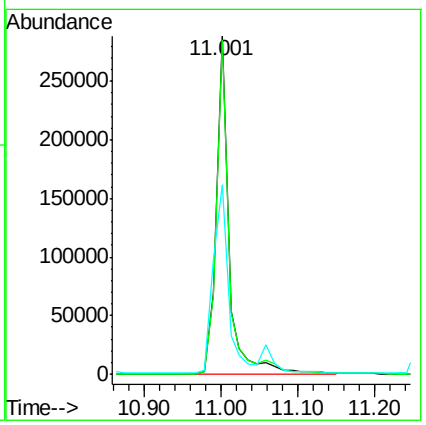


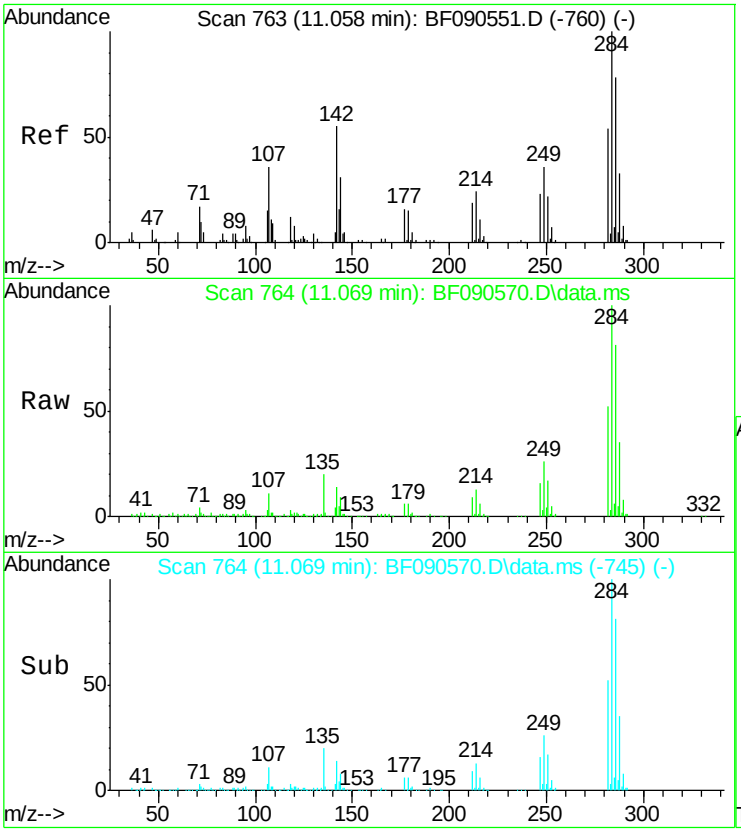




#66
4-Bromophenyl-phenylether
Concen: 37.19 ng
RT: 11.001 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:248 Resp: 334281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 78.4 | 117.6 |
| 141 | 56.0 | 48.4 | 72.6 |



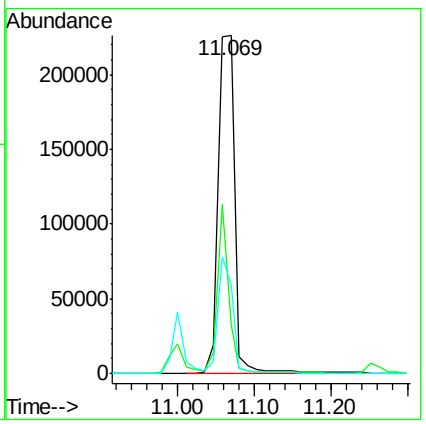


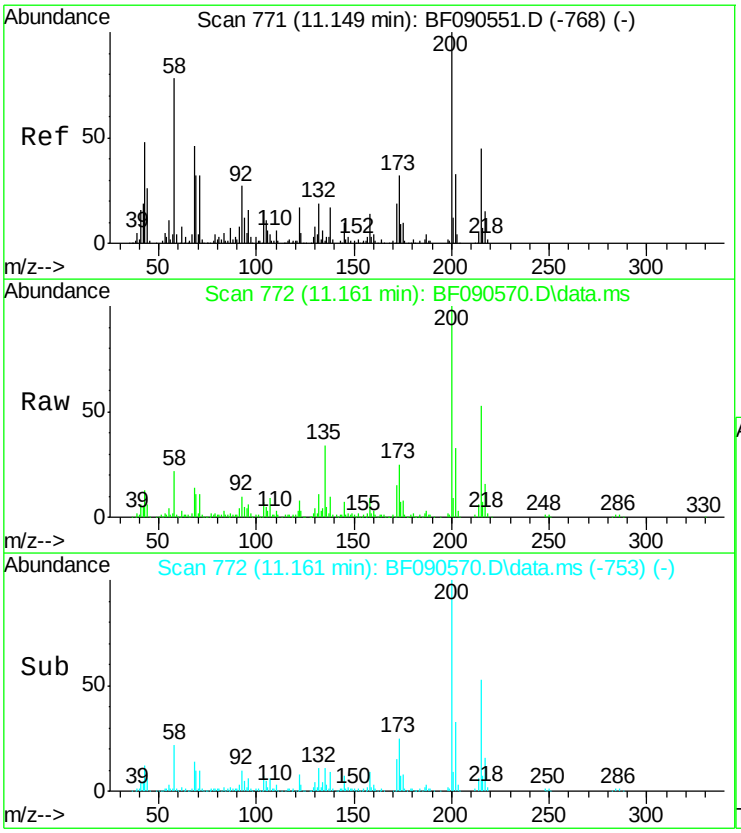

#67
Hexachlorobenzene
Concen: 35.22 ng
RT: 11.069 min Scan# 76
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:284 Resp: 343694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 14.4 | 44.5 | 66.7# |
| 249 | 26.2 | 29.6 | 44.4# |

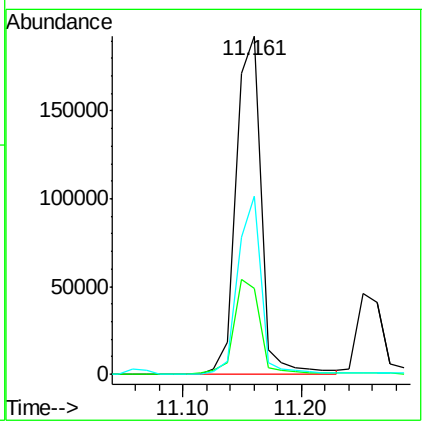


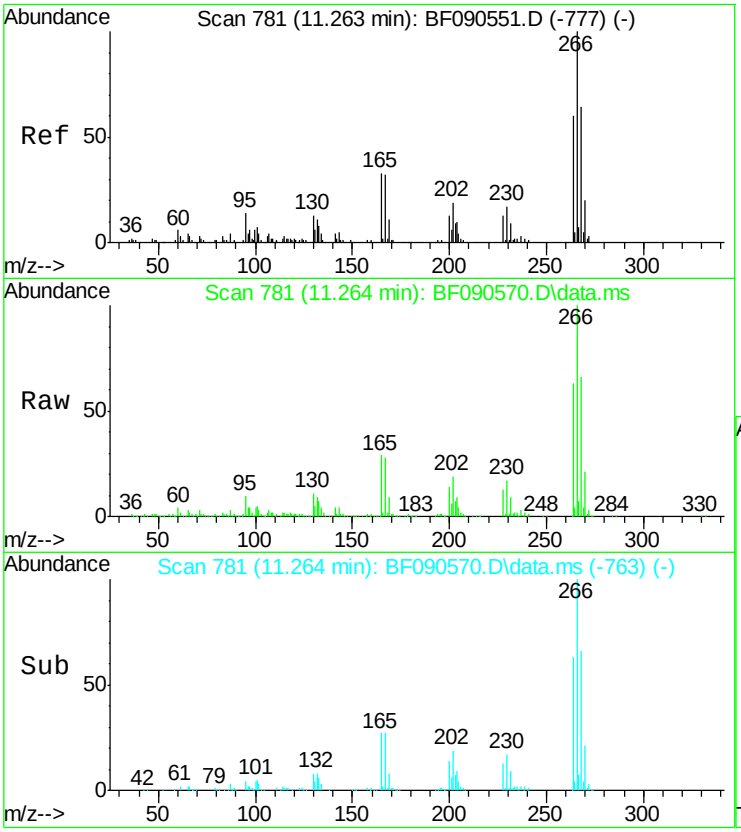




#68
Atrazine
Concen: 37.36 ng
RT: 11.161 min Scan# 772
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:200 Resp: 285851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.4 | 12.0 | 52.0 |
| 215 | 52.5 | 25.2 | 65.2 |



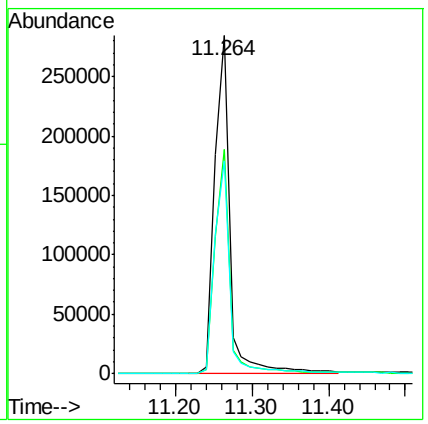


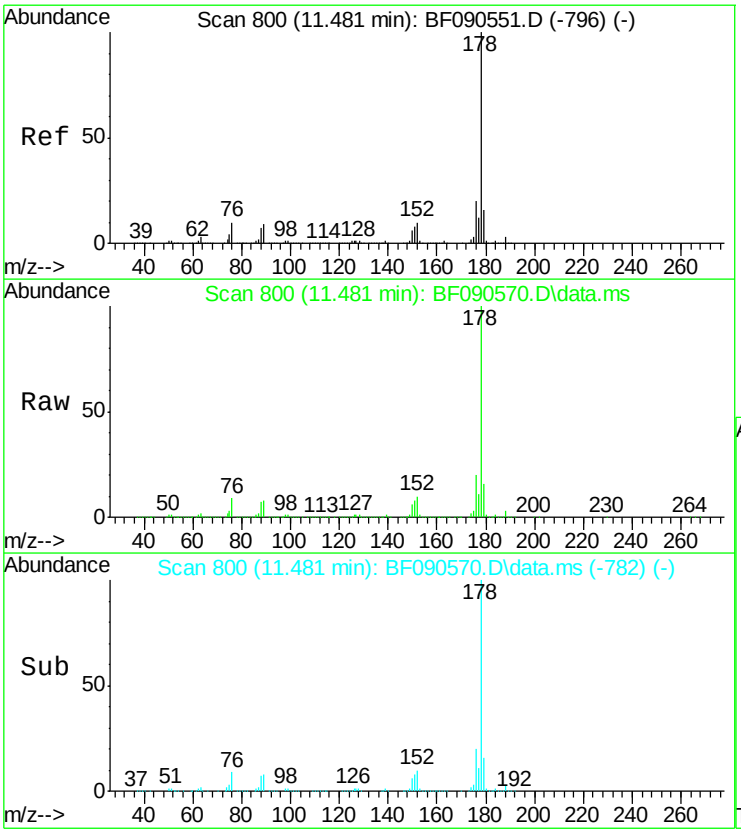

#69
Pentachlorophenol
Concen: 79.94 ng
RT: 11.264 min Scan# 78
Delta R.T. 0.001 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:266 Resp: 386630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.5 | 51.5 | 77.3 |
| 264 | 62.8 | 47.9 | 71.9 |

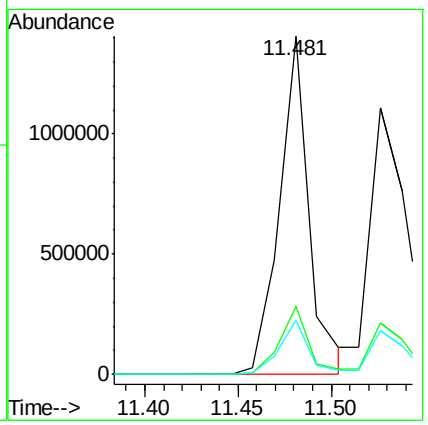


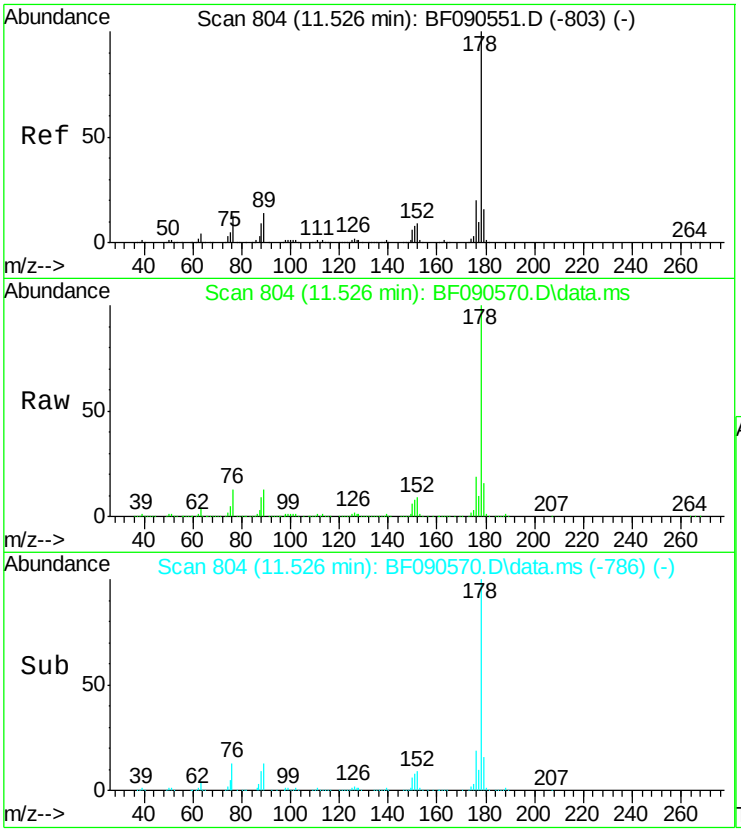




#70
Phenanthrene
Concen: 34.75 ng
RT: 11.481 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:178 Resp: 1553784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.1 | 16.1 | 24.1 |
| 179 | 15.8 | 12.6 | 19.0 |



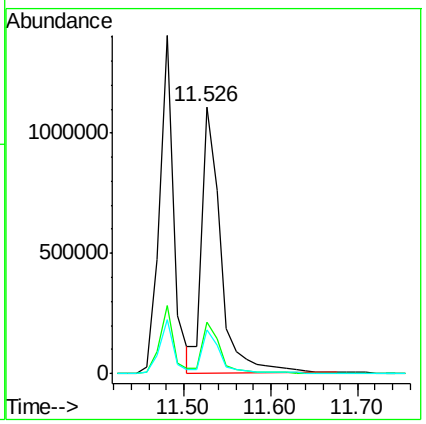


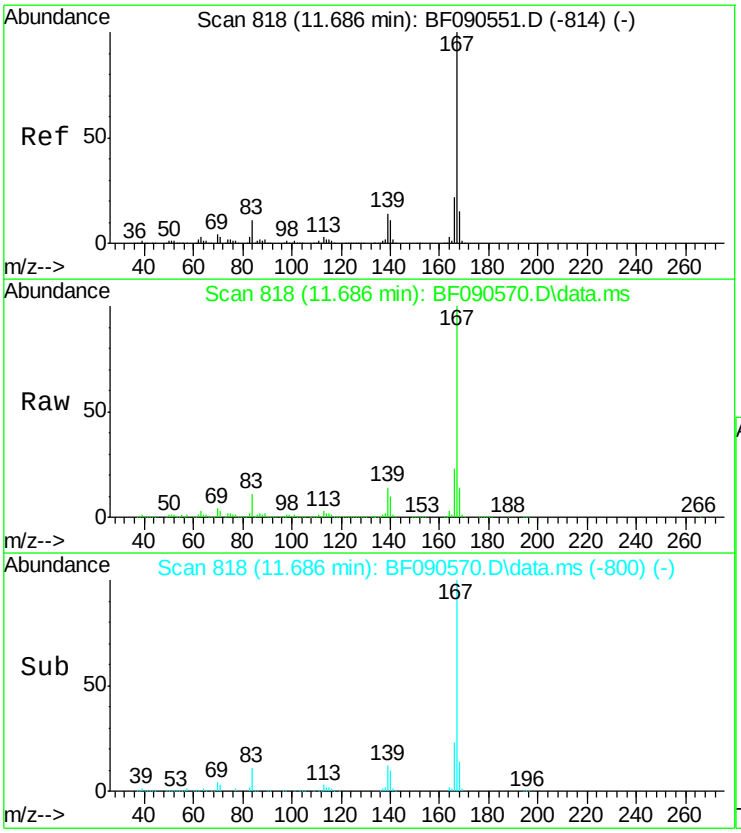

#71
Anthracene
Concen: 34.60 ng
RT: 11.526 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:178 Resp: 1664900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 16.3 | 13.0 | 19.4 |

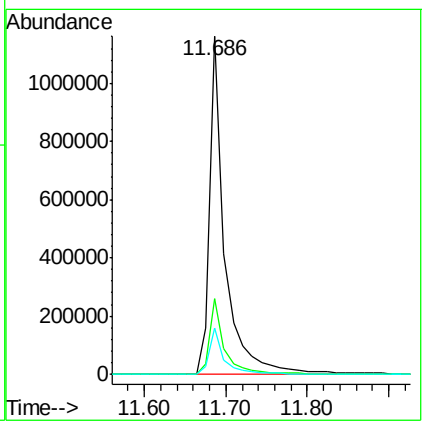


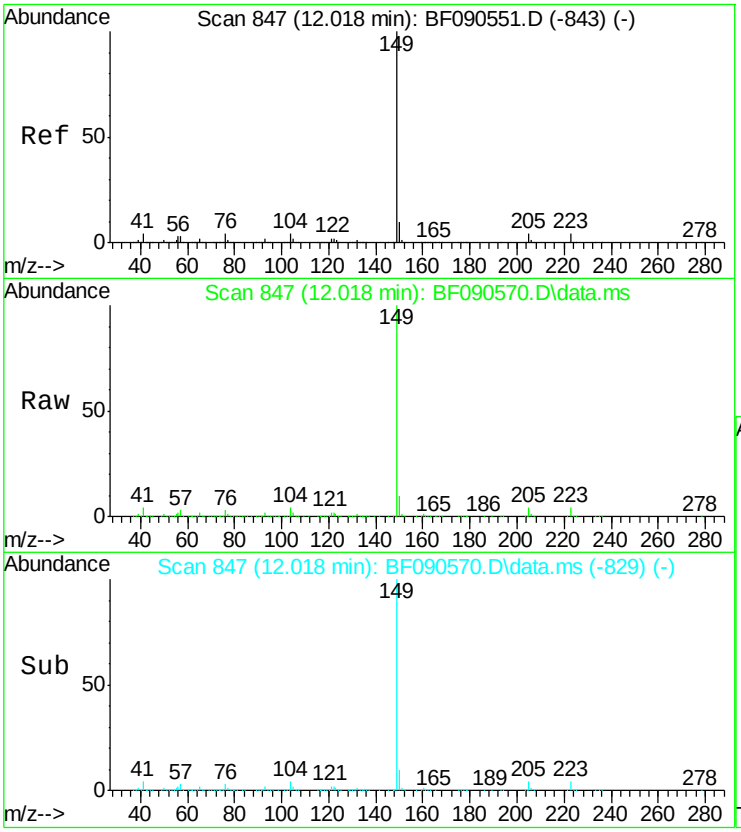




#72
Carbazole
Concen: 35.48 ng
RT: 11.686 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:167 Resp: 1528065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.6 | 17.8 | 26.8 |
| 139 | 13.8 | 11.3 | 16.9 |



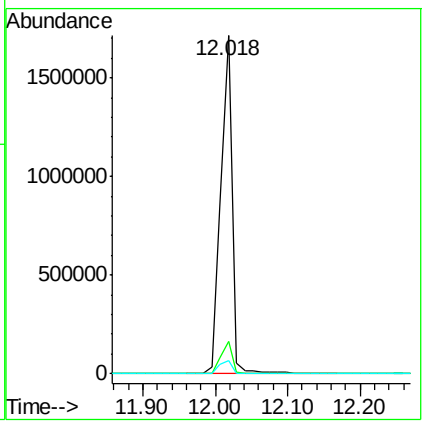


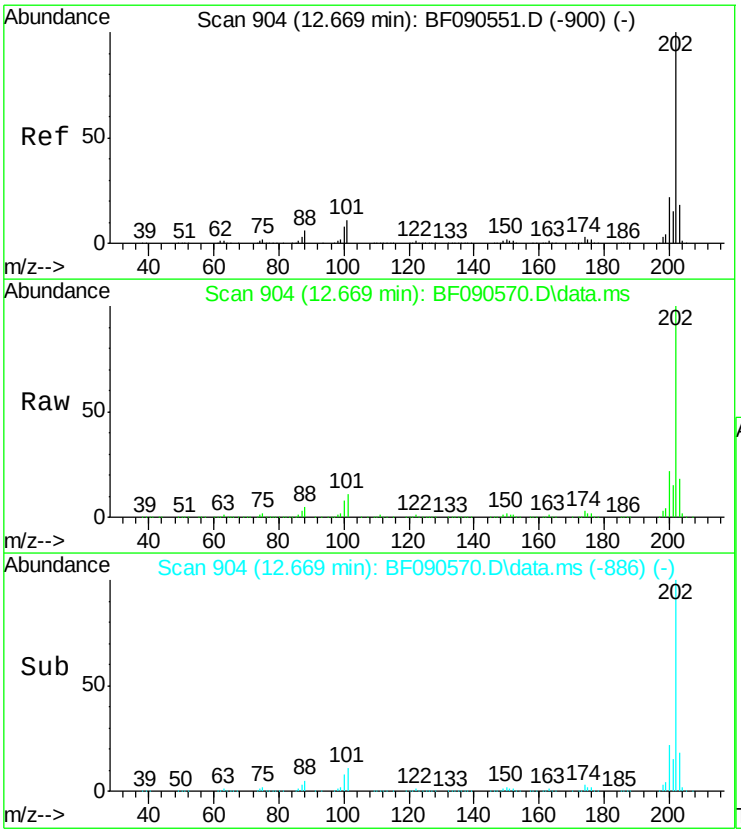

#73
Di-n-butylphthalate
Concen: 36.92 ng
RT: 12.018 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:149 Resp: 1863042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.8 | 11.6 |
| 104 | 4.0 | 3.3 | 4.9 |

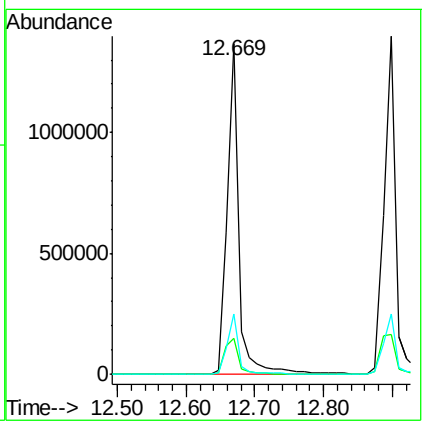


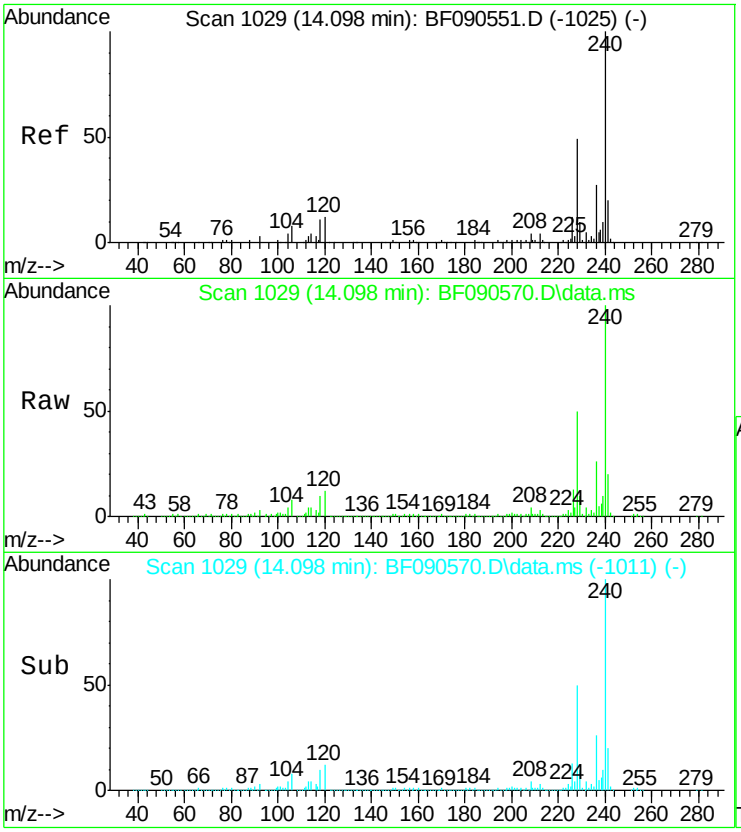




#74
Fluoranthene
Concen: 36.55 ng
RT: 12.669 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:202 Resp: 1643720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.1 |
| 203 | 18.2 | 0.0 | 38.0 |



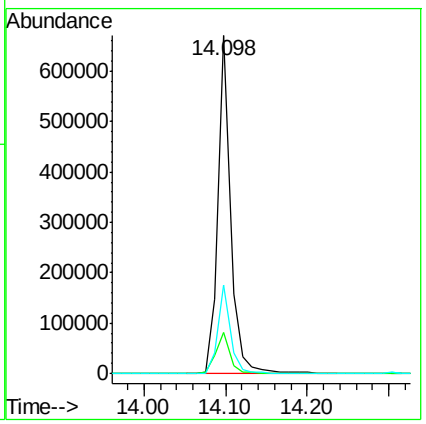


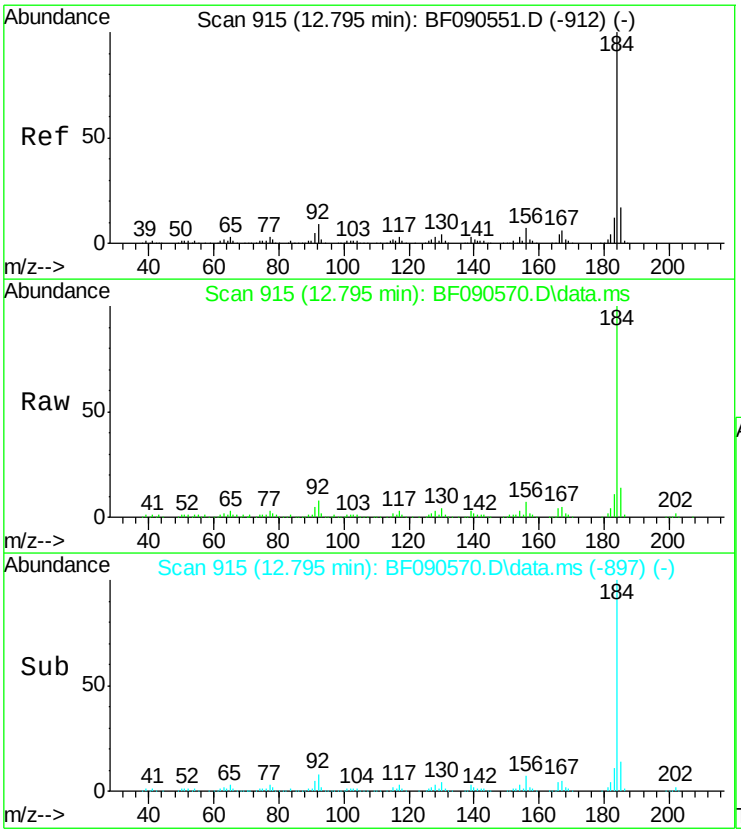

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:240 Resp: 720834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.0 | 9.8 | 14.8 |
| 236 | 26.2 | 21.7 | 32.5 |

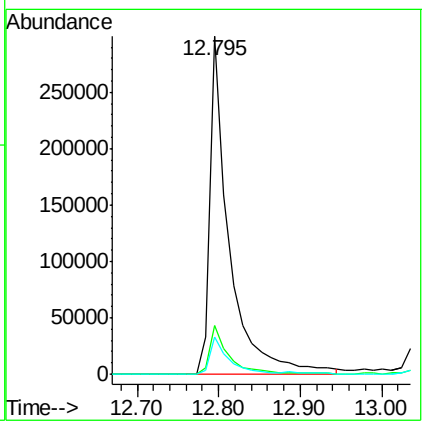


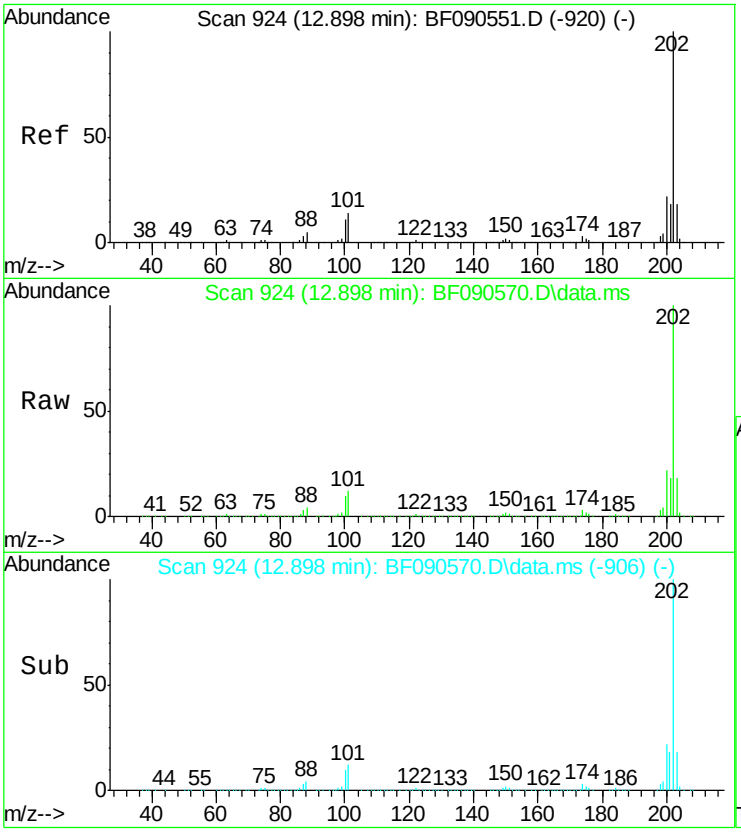




#76
Benzidine
Concen: 27.77 ng
RT: 12.795 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:184 Resp: 498109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 13.4 | 20.0 |
| 183 | 11.2 | 9.4 | 14.0 |



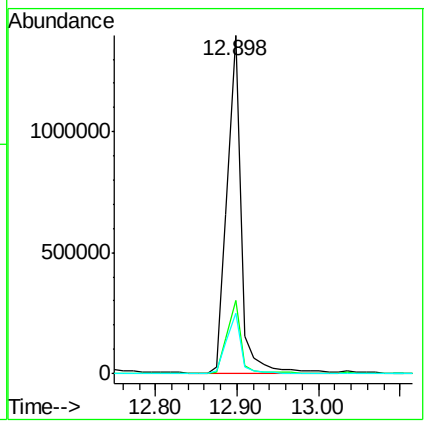


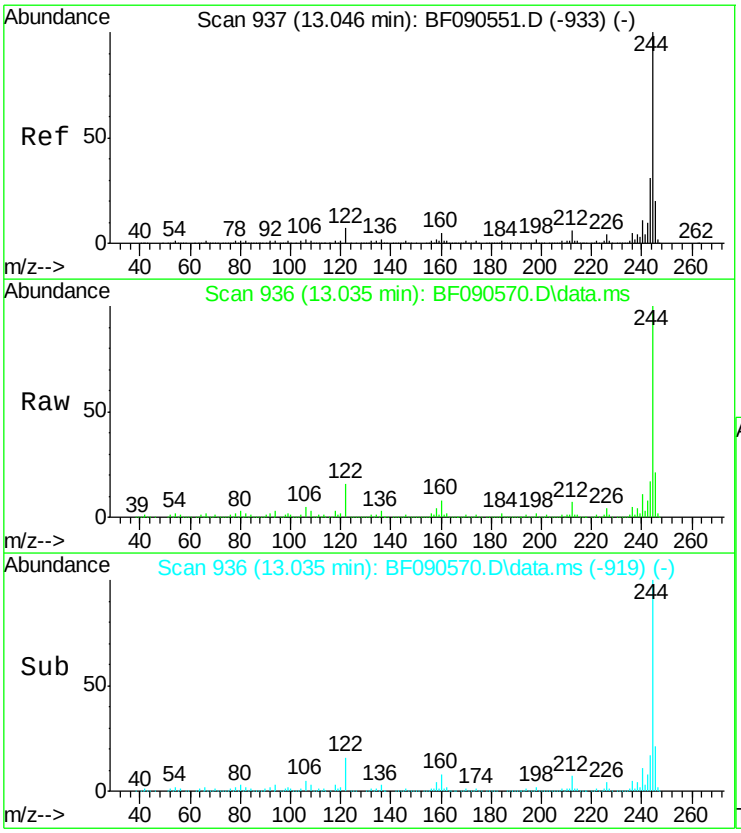

#77
Pyrene
Concen: 34.40 ng
RT: 12.898 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:202 Resp: 1642187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.8 | 26.6 |
| 203 | 17.9 | 14.6 | 21.8 |

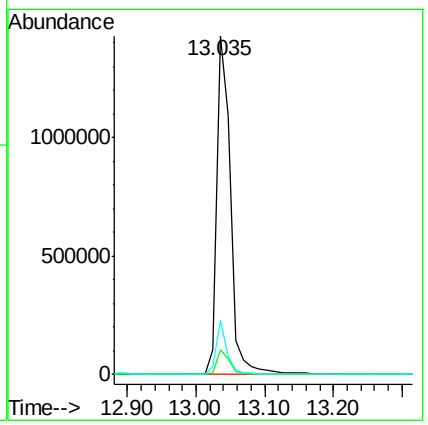


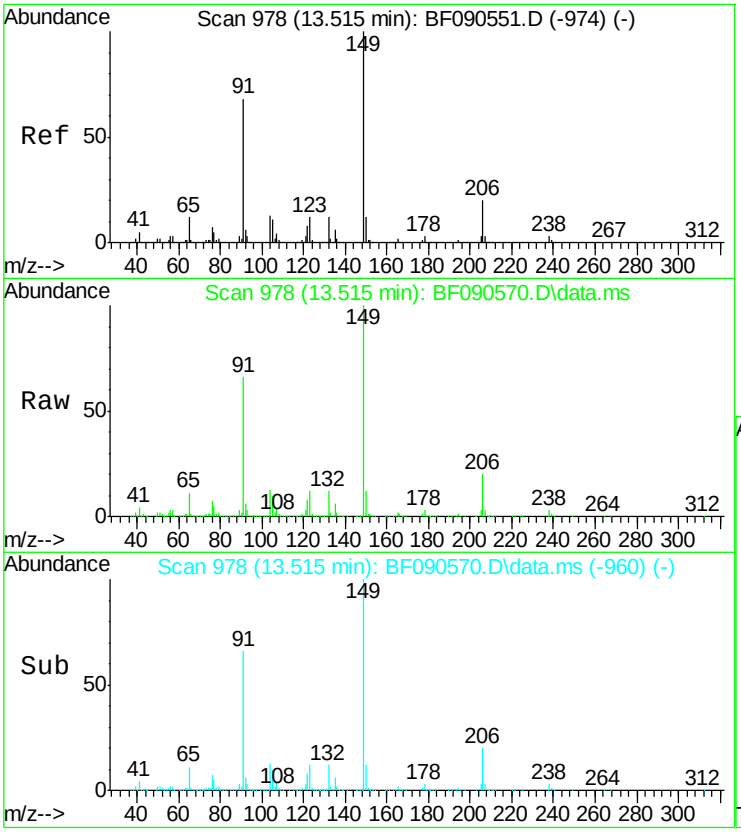




#78
Terphenyl-d14
Concen: 65.28 ng
RT: 13.035 min Scan# 936
Delta R.T. -0.011 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:244 Resp: 2020879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.0 | 7.4 |
| 122 | 15.8 | 5.6 | 8.4# |



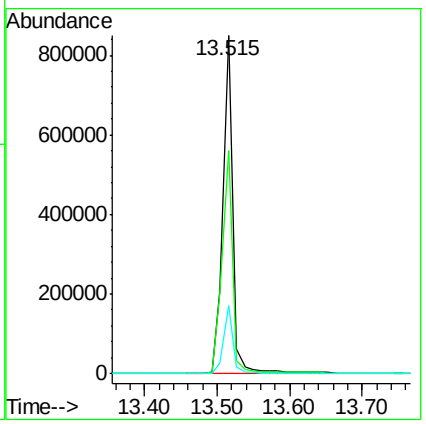


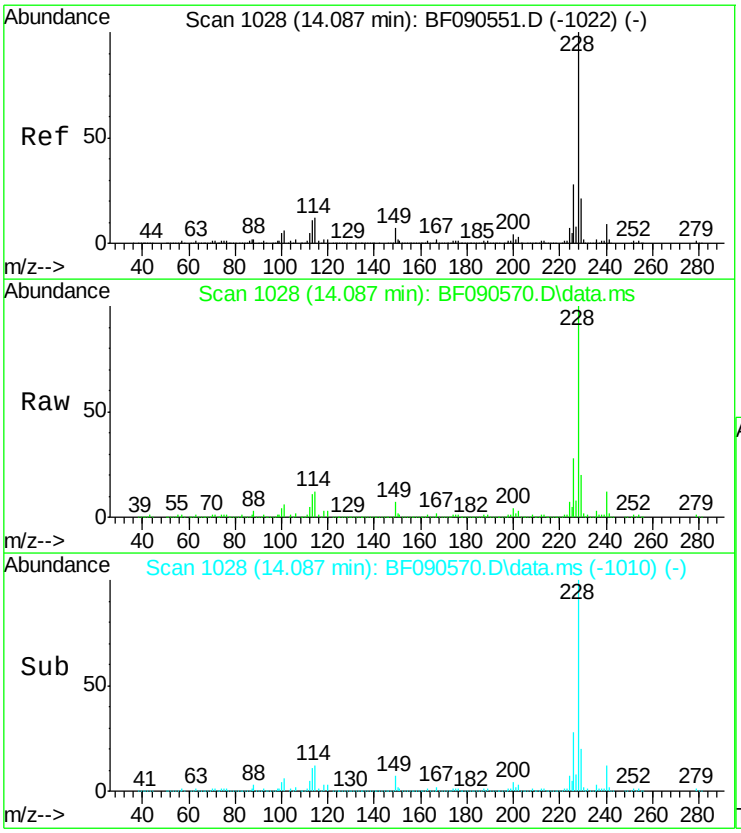

#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.515 min Scan# 97
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:149 Resp: 805926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.8 | 54.3 | 81.5 |
| 206 | 20.0 | 15.8 | 23.6 |

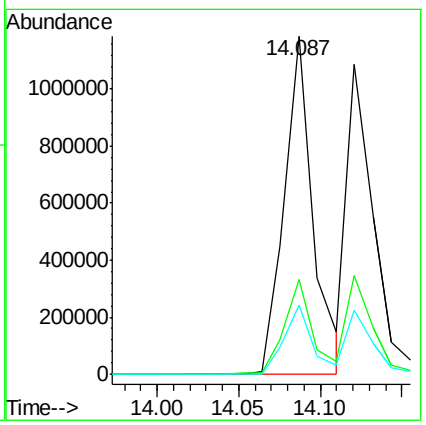


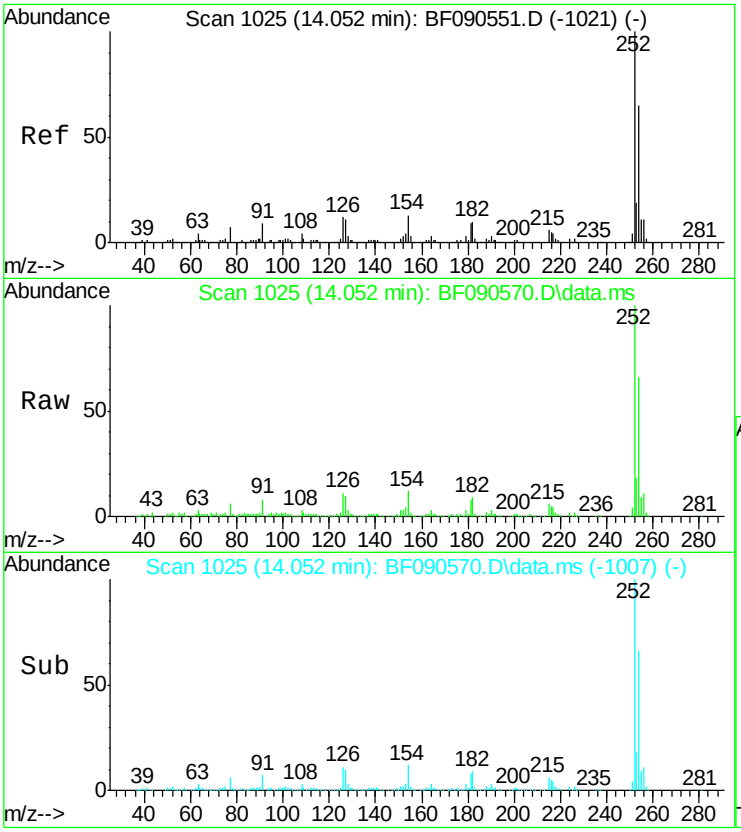




#80
Benzo(a)anthracene
Concen: 35.62 ng
RT: 14.087 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:228 Resp: 1461490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.8 | 34.2 |
| 229 | 20.4 | 16.6 | 25.0 |



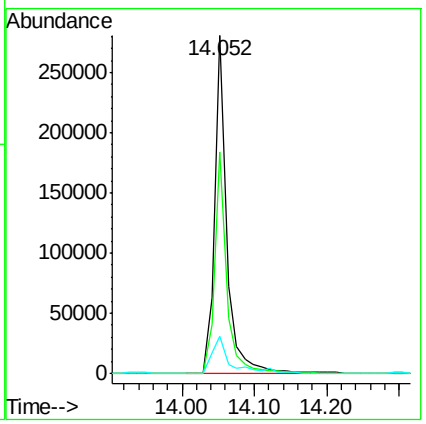


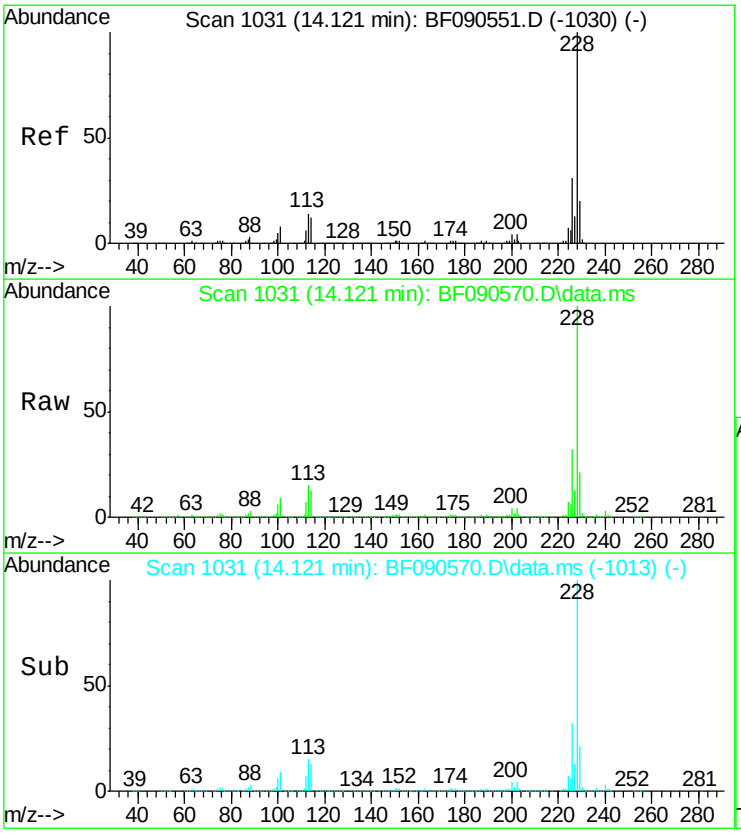

#81
3,3'-Dichlorobenzidine
Concen: 23.48 ng
RT: 14.052 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:252 Resp: 329141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.5 | 52.1 | 78.1 |
| 126 | 10.8 | 9.3 | 13.9 |

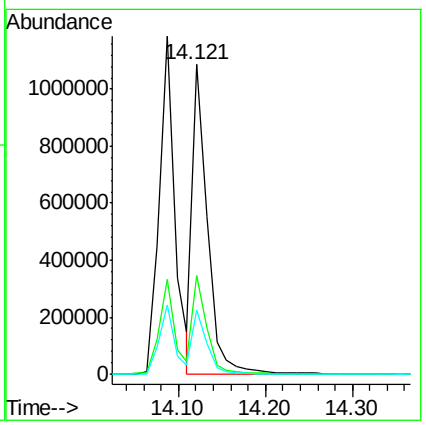


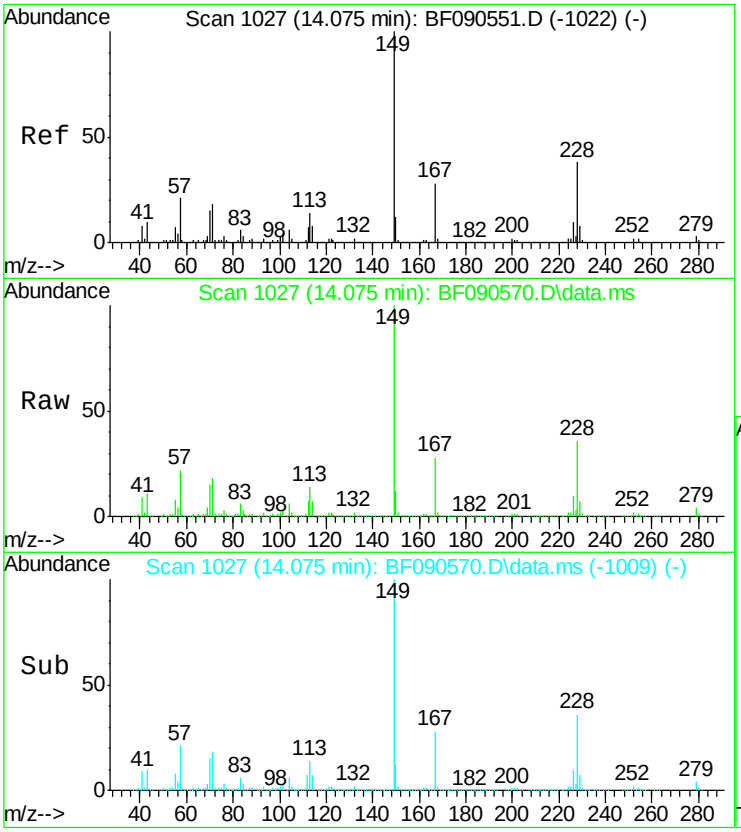




#82
Chrysene
Concen: 32.57 ng
RT: 14.121 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:228 Resp: 1287603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.8 | 24.8 | 37.2 |
| 229 | 20.9 | 16.2 | 24.4 |



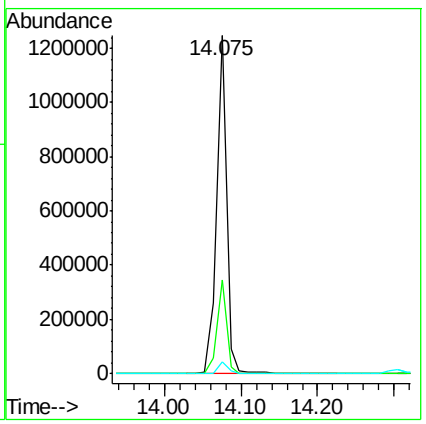


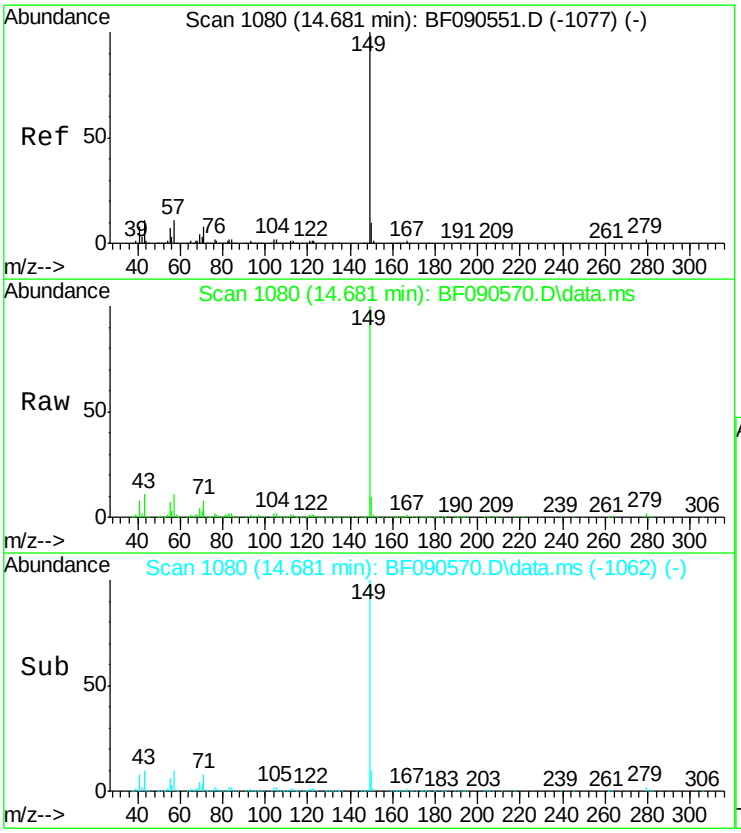

#83
Bis(2-ethylhexyl)phthalate
Concen: 39.08 ng
RT: 14.075 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:149 Resp: 1115159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 22.1 | 33.1 |
| 279 | 3.5 | 2.6 | 4.0 |

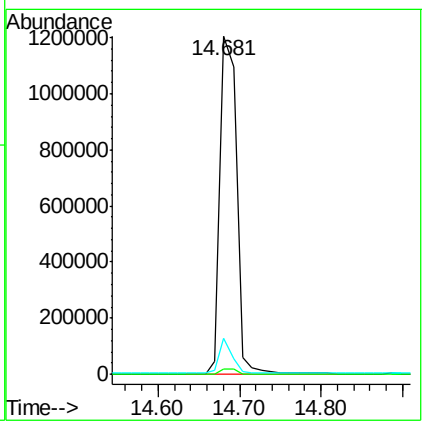


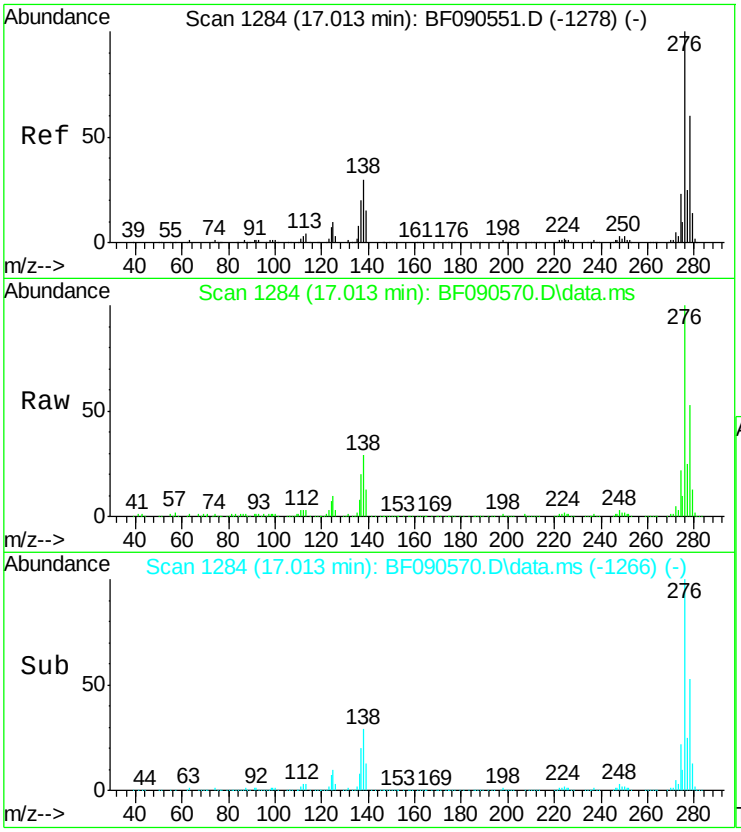




#84
Di-n-octyl phthalate
Concen: 44.24 ng
RT: 14.681 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:149 Resp: 1692700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.7 | 6.7 | 10.1 |



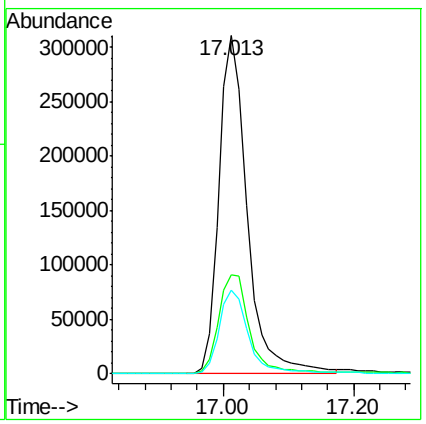


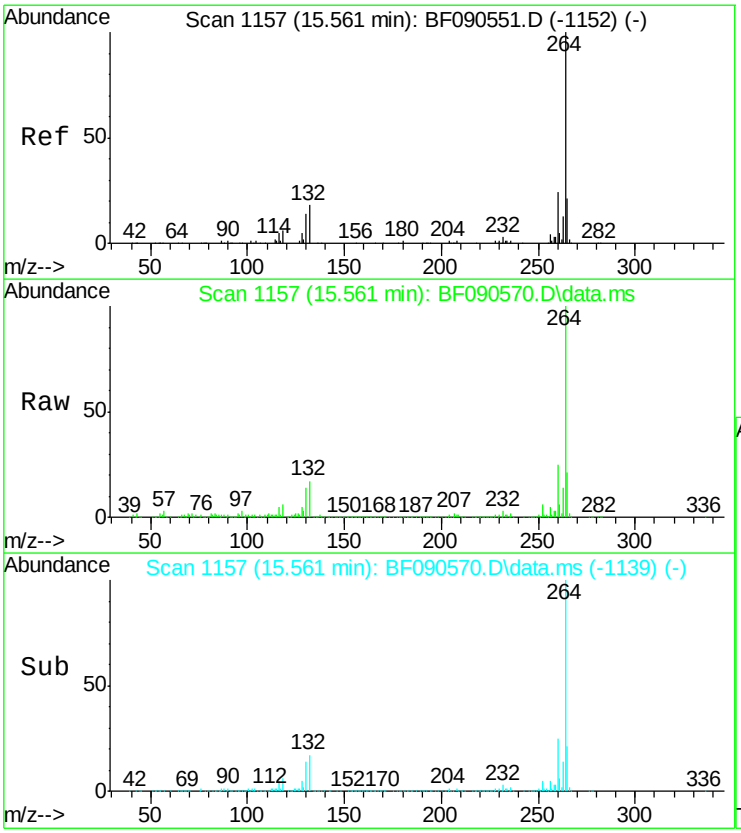

#85
Indeno(1,2,3-cd)pyrene
Concen: 40.91 ng
RT: 17.013 min Scan# 12
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:276 Resp: 935151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.1 | 25.8 | 38.6 |
| 277 | 25.2 | 20.1 | 30.1 |

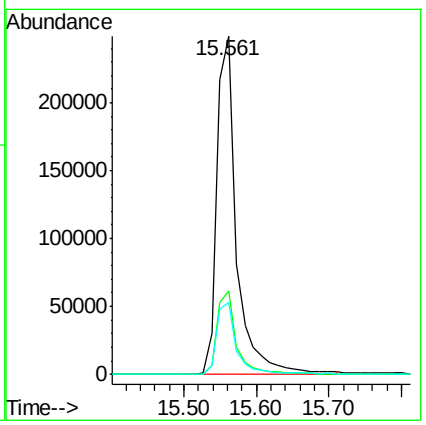


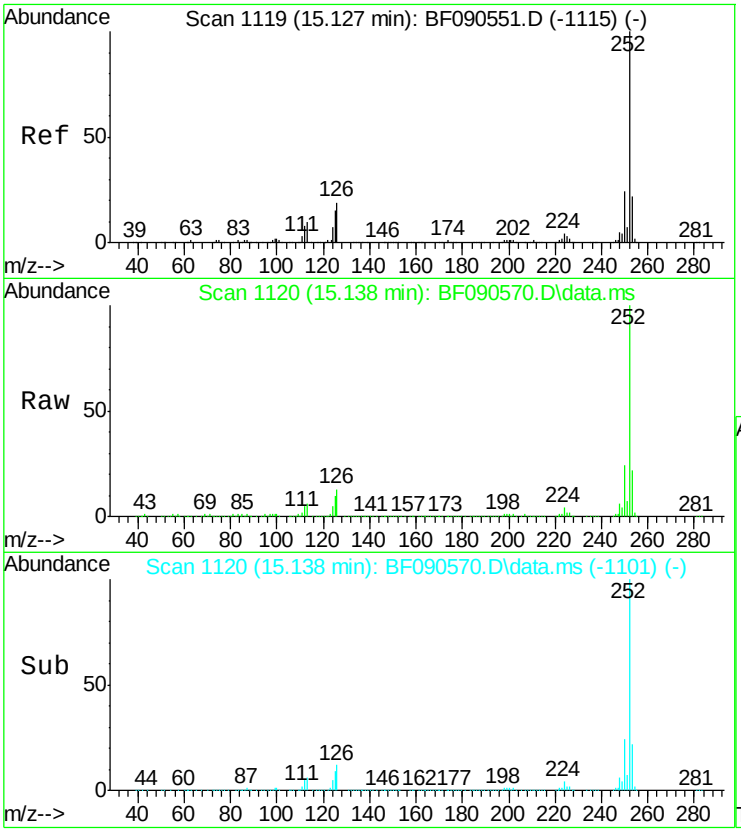




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.561 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:264 Resp: 467299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.3 | 28.9 |
| 265 | 21.4 | 16.7 | 25.1 |



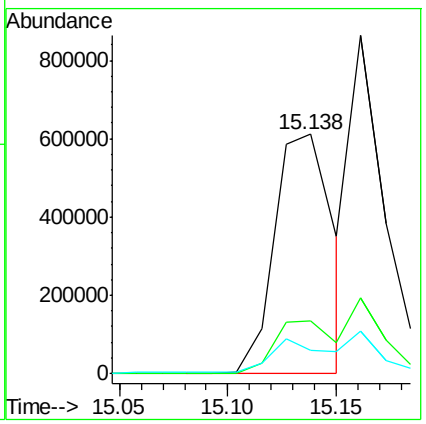


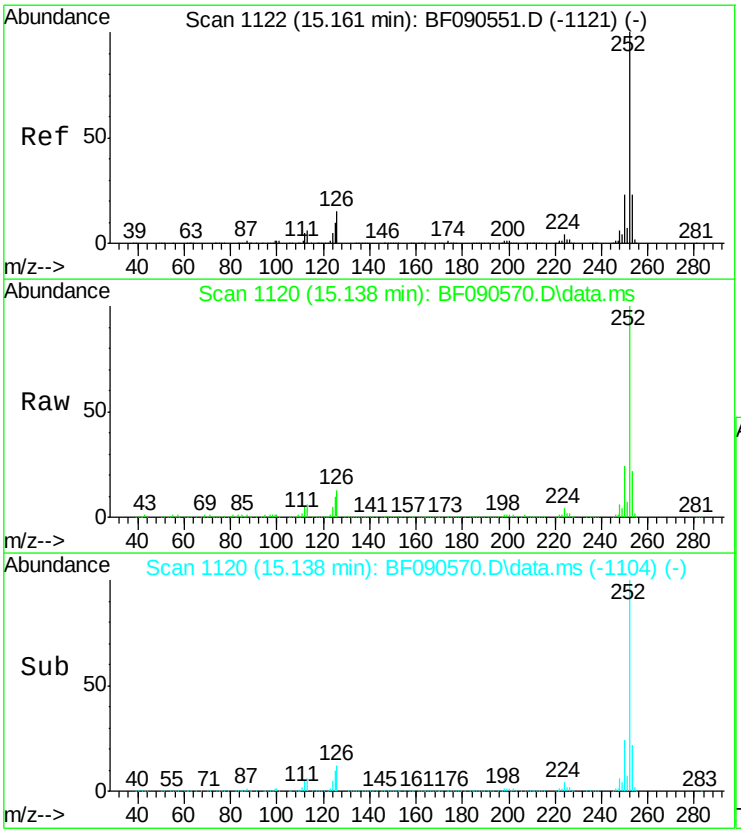

#87
Benzo(b)fluoranthene
Concen: 37.39 ng
RT: 15.138 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:252 Resp: 1143213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.8 |
| 125 | 9.8 | 12.0 | 18.0# |

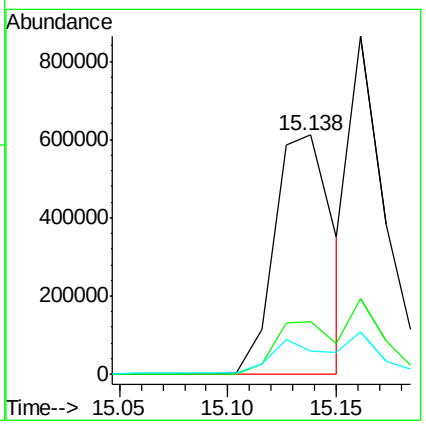


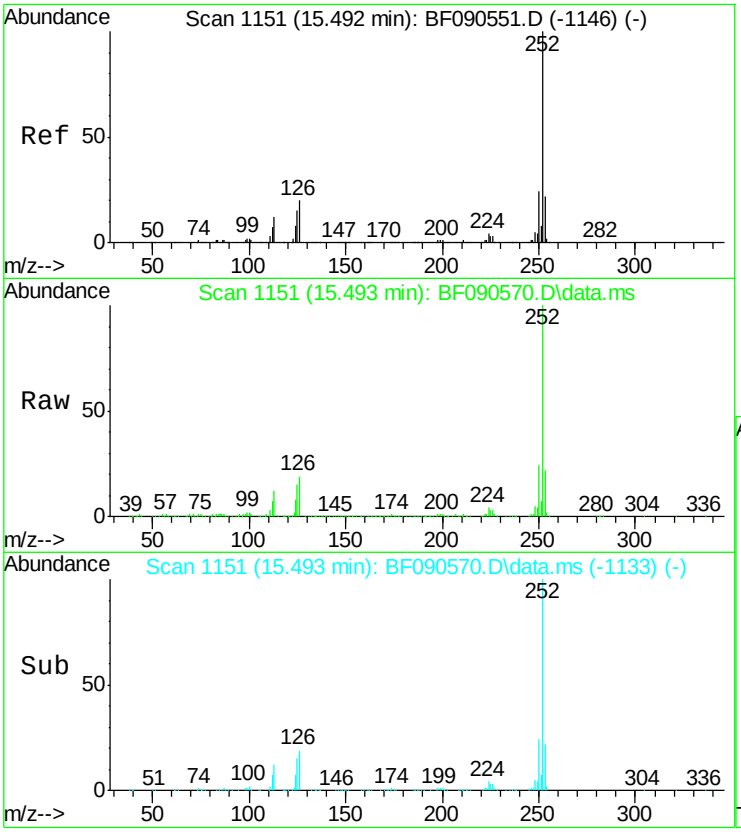




#88
Benzo(k)fluoranthene
Concen: 34.75 ng
RT: 15.138 min Scan# 1120
Delta R.T. -0.023 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:252 Resp: 1143213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 9.8 | 10.0 | 15.0# |



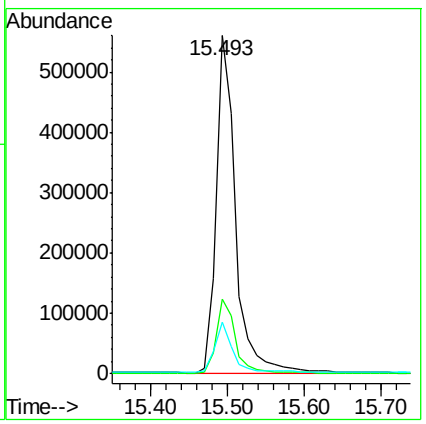


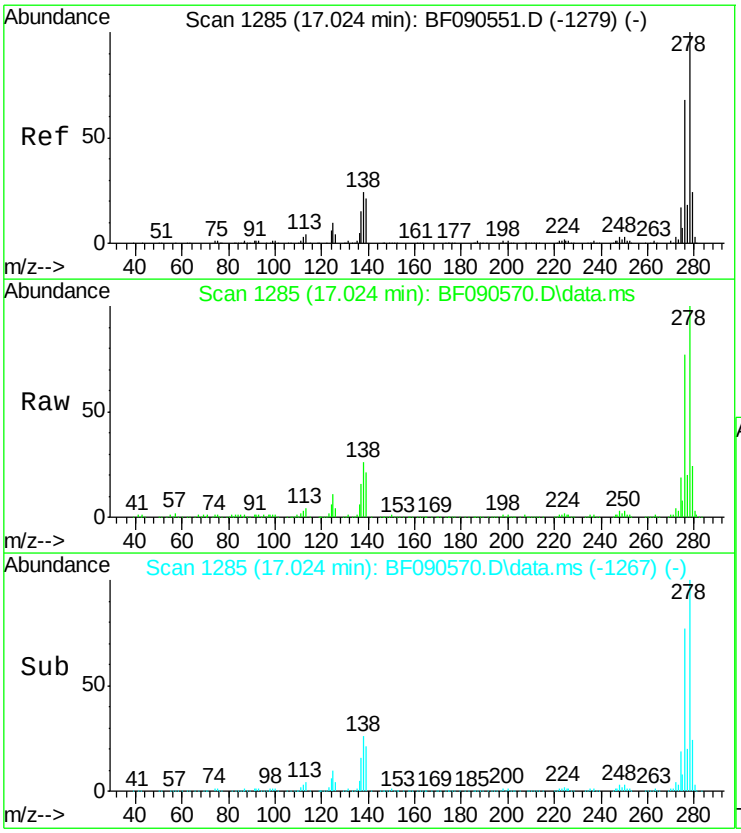

#89
Benzo(a)pyrene
Concen: 34.99 ng
RT: 15.493 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:252 Resp: 979656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.9 | 26.9 |
| 125 | 15.1 | 12.3 | 18.5 |

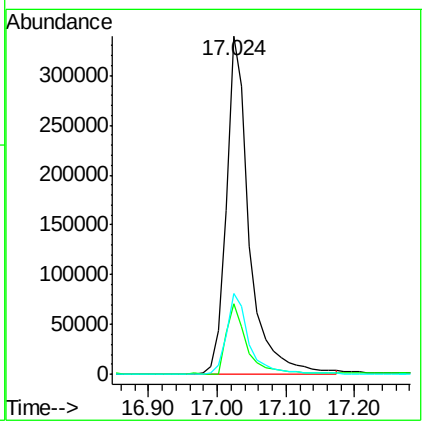


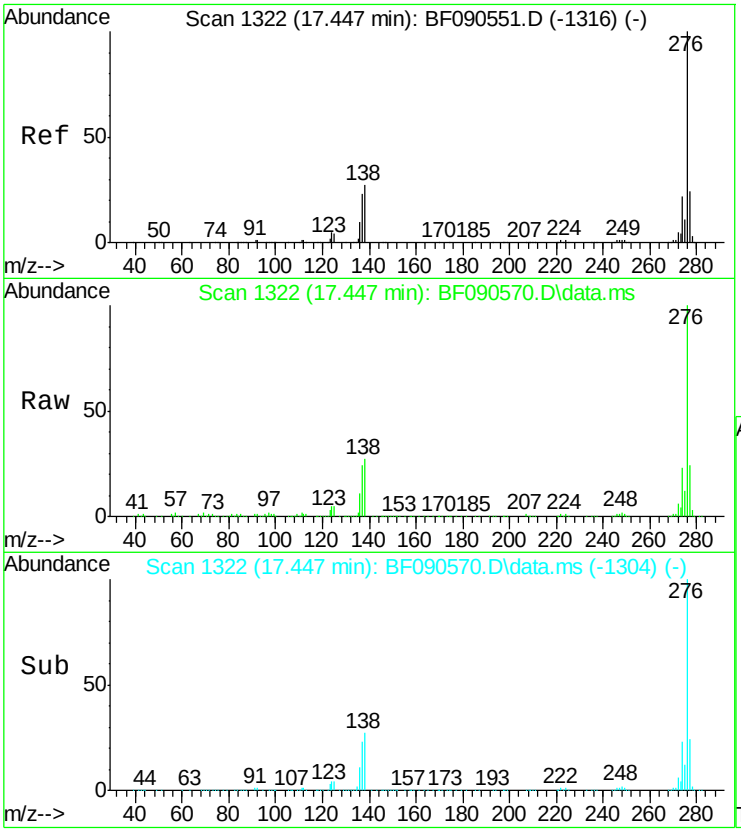




#90
Dibenzo(a,h)anthracene
Concen: 37.21 ng
RT: 17.024 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:278 Resp: 794440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.8 | 16.6 | 25.0 |
| 279 | 24.0 | 19.1 | 28.7 |






#91
Benzo(g,h,i)perylene
Concen: 36.61 ng
RT: 17.447 min Scan# 13
Delta R.T. 0.000 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
MJSB-18(6-8)MS

Tgt Ion:276 Resp: 745181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.8 | 28.2 |
| 138 | 27.4 | 21.8 | 32.8 |