Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-6(0-2)

Quant Time: Nov 01 23:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 173320 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 699198 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.78 | 164 | 339017 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.26 | 188 | 446556 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.93 | 240 | 348671 | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 15.33 | 264 | 328353 | 20.00 | ng | | 0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 1207595 | 121.82 | ng | | 0.00 |
| 7) Phenol-d6 | 6.38 | 99 | 1518375 | 113.53 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 1096711 | 102.68 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 300480 | 86.25 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 1469997 | 76.14 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.85 | 244 | 1162202 | 83.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 15) Benzyl Alcohol | 6.89 | 79 | 18723 | 2.13 | ng | # | 30 |
| 18) Hexachloroethane | 7.29 | 117 | 18293 | 3.82 | ng | # | 60 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 156457 | 20.23 | ng | # | 51 |
| 31) Naphthalene | 8.04 | 128 | 602562 | 18.44 | ng | | 98 |
| 33) 4-Chloroaniline | 8.04 | 127 | 80164 | 6.07 | ng | # | 30 |
| 35) Caprolactam | 8.46 | 113 | 10354 | 3.68 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.74 | 142 | 160512 | 7.60 | ng | # | 88 |
| 45) 1,1'-Biphenyl | 9.21 | 154 | 73851 | 3.02 | ng | | 96 |
| 48) Acenaphthylene | 9.64 | 152 | 1876271 | 66.71 | ng | # | 92 |
| 49) Dimethylphthalate | 9.50 | 163 | 582162 | 25.70 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 9.50 | 165 | 10026 | 2.00 | ng | # | 1 |
| 51) Acenaphthene | 9.81 | 154 | 518046 | 26.74 | ng | | 88 |
| 54) Dibenzofuran | 9.98 | 168 | 439945 | 17.60 | ng | # | 72 |
| 55) 4-Nitrophenol | 9.88 | 139 | 17560 | 5.41 | ng | # | 49 |
| 56) 2,4-Dinitrotoluene | 9.98 | 165 | 16946 | 2.73 | ng | # | 1 |
| 57) Fluorene | 10.33 | 166 | 1291987 | 63.10 | ng | # | 90 |
| 61) 4-Nitroaniline | 10.33 | 138 | 14690 | 2.79 | ng | | 77 |
| 65) n-Nitrosodiphenylamine | 10.44 | 169 | 140035 | 10.24 | ng | # | 92 |
| 70) Phenanthrene | 11.36 | 178 | 2833755 | 124.61 | ng | | 94 |
| 71) Anthracene | 11.36 | 178 | 2833755 | 118.34 | ng | | 94 |
| 72) Carbazole | 11.51 | 167 | 223568 | 10.57 | ng | # | 84 |
| 73) Di-n-butylphthalate | 11.84 | 149 | 90339 | 3.31 | ng | # | 83 |
| 74) Fluoranthene | 12.51 | 202 | 6235563 | 250.39 | ng | | 90 |
| 77) Pyrene | 12.58 | 202 | 1044767 | 47.35 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 4120095 | 222.65 | ng | # | 82 |
| 82) Chrysene | 13.95 | 228 | 3671669 | 196.17 | ng | # | 85 |
| 85) Indeno(1,2,3-cd)pyrene | 16.69 | 276 | 2155355 | 129.95 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 14.95 | 252 | 5965033 | 270.17 | ng | # | 86 |
| 88) Benzo(k)fluoranthene | 14.95 | 252 | 5965033 | 341.86 | ng | # | 87 |
| 89) Benzo(a)pyrene | 15.29 | 252 | 3733253 | 196.79 | ng | # | 83 |
| 90) Dibenzo(a,h)anthracene | 16.69 | 278 | 651030 | 40.54 | ng | # | 79 |
| 91) Benzo(g,h,i)perylene | 17.11 | 276 | 1918293 | 126.82 | ng | # | 81 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Quant Time: Nov 01 23:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

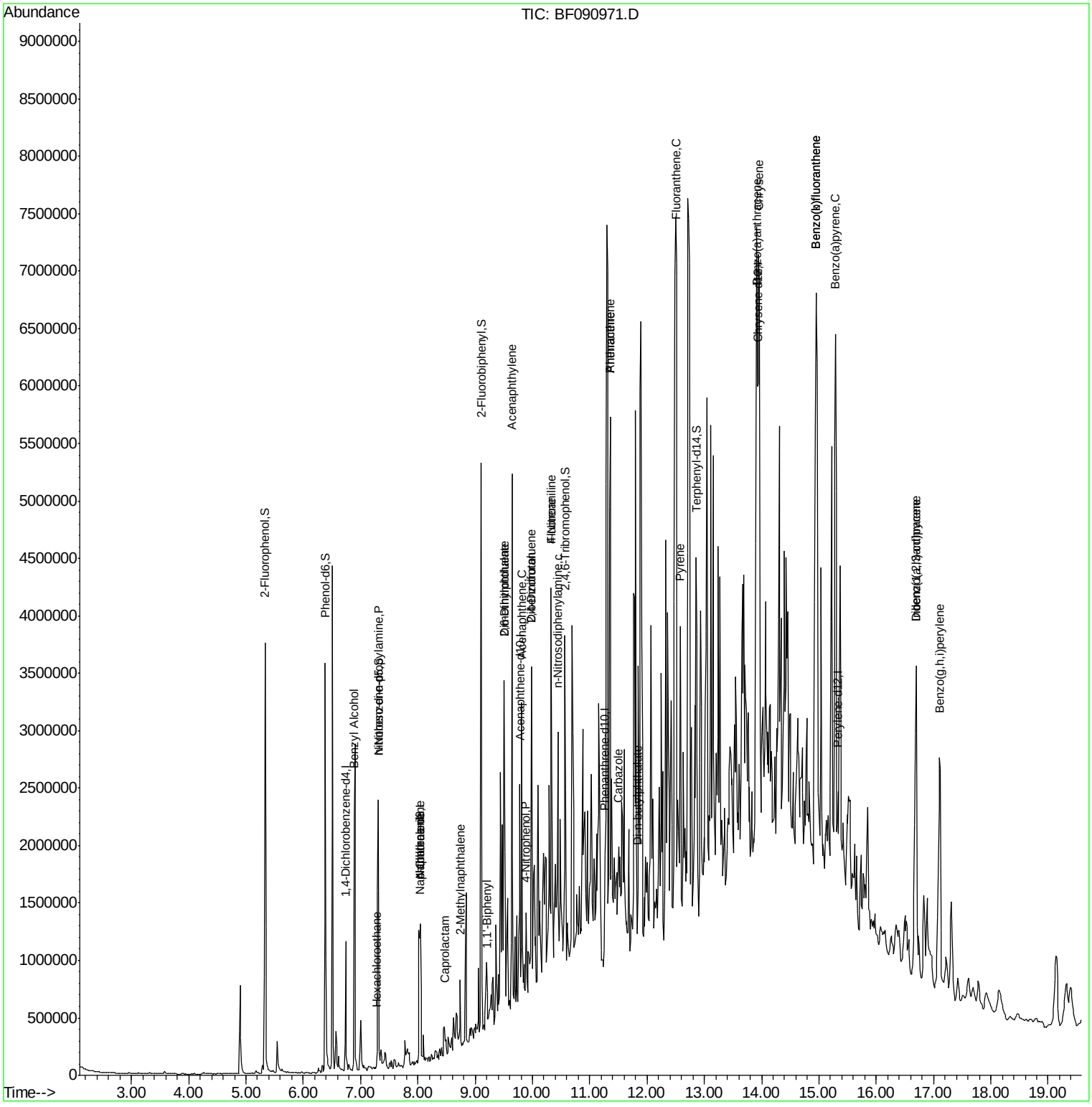
(#) = qualifier out of range (m) = manual integration (+) = signals summed

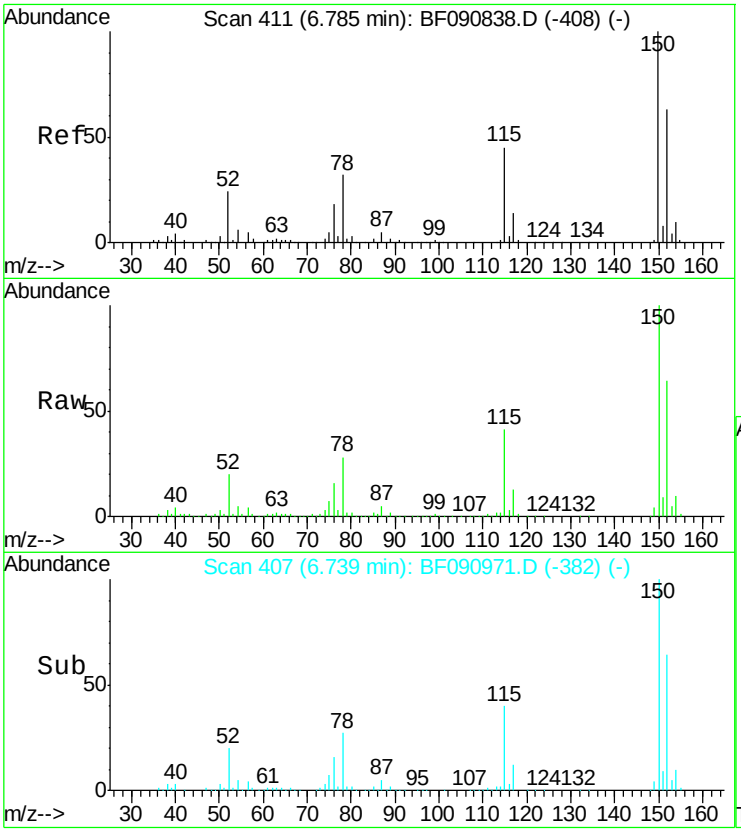
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Quant Time: Nov 01 23:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration



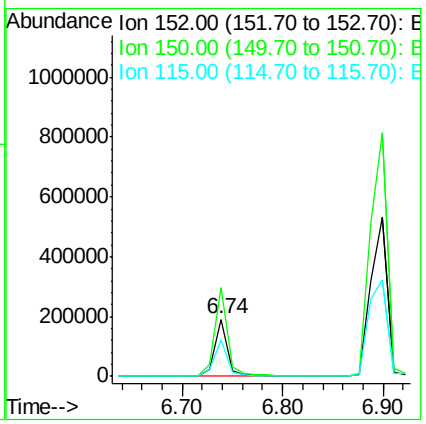


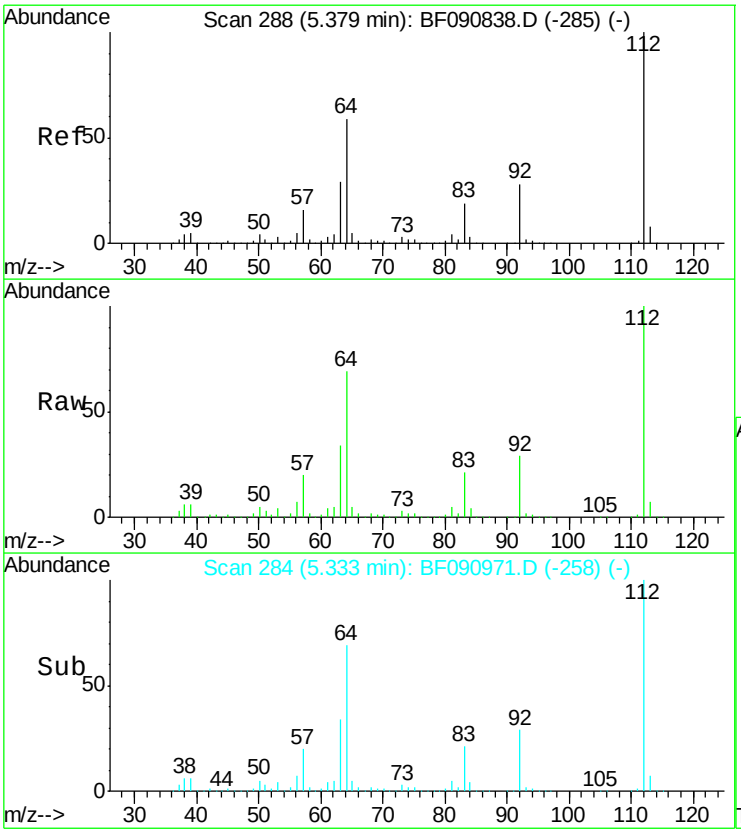

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:152 Resp: 173320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.7 | 187.1 |
| 115 | 63.5 | 39.0 | 58.4# |

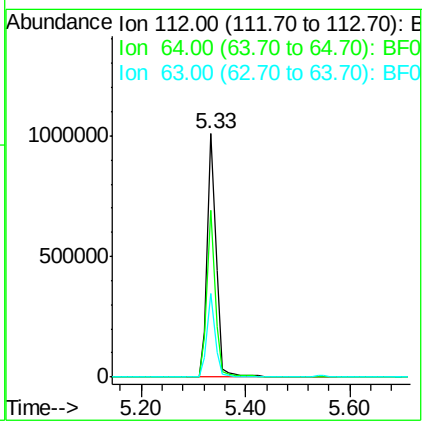


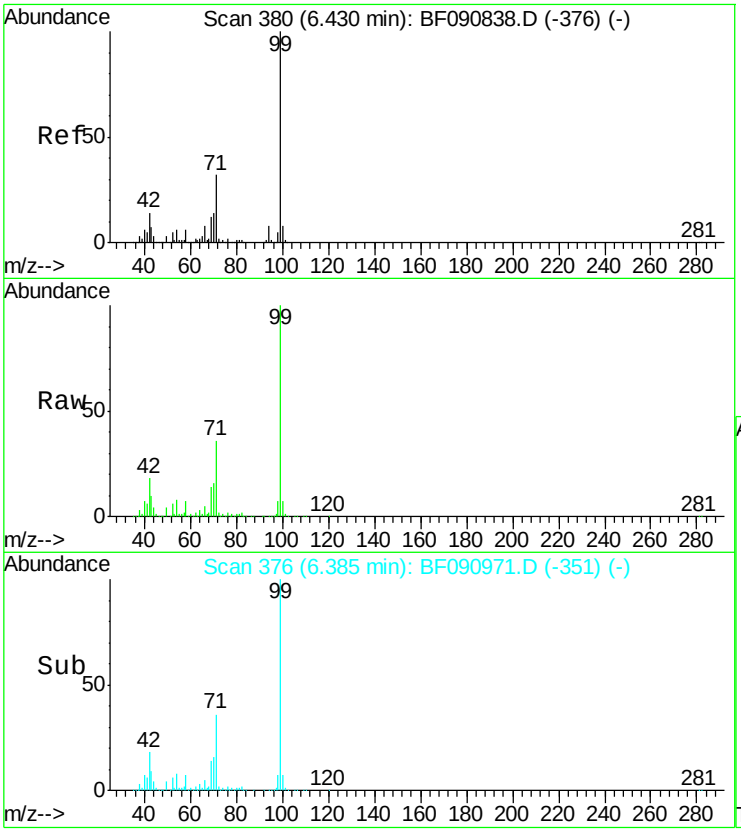




#5
2-Fluorophenol
Concen: 121.82 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:112 Resp: 1207595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.6 | 39.7 | 59.5# |
| 63 | 34.4 | 17.4 | 26.0# |



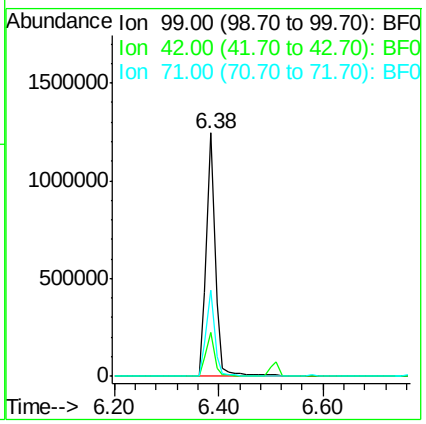


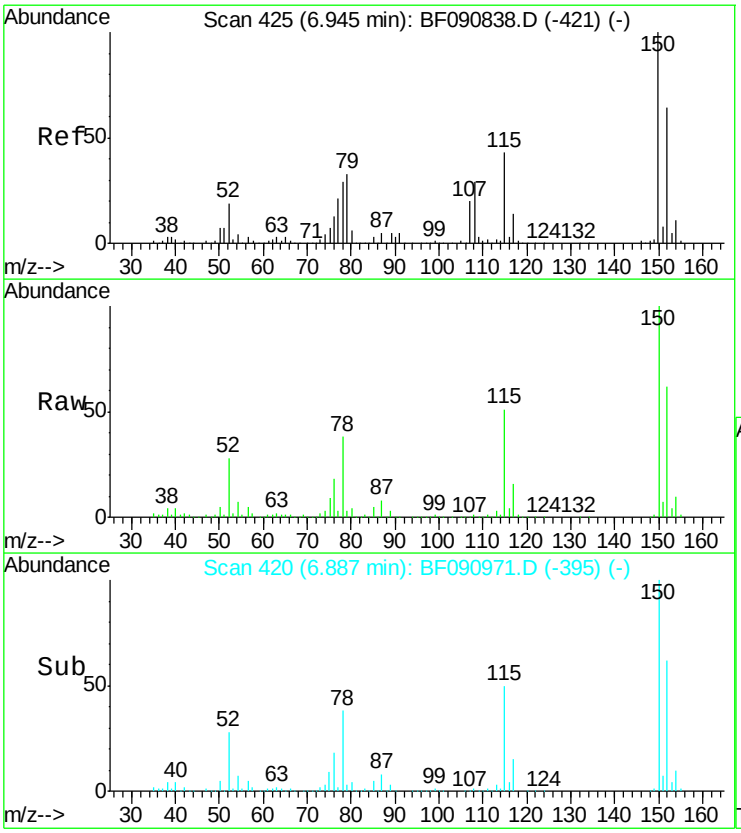

#7
Phenol-d6
Concen: 113.53 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion: 99 Resp: 1518375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.0 | 13.7 | 20.5 |
| 71 | 35.6 | 14.2 | 21.2# |

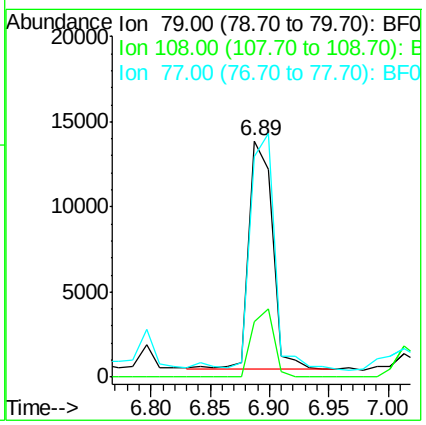


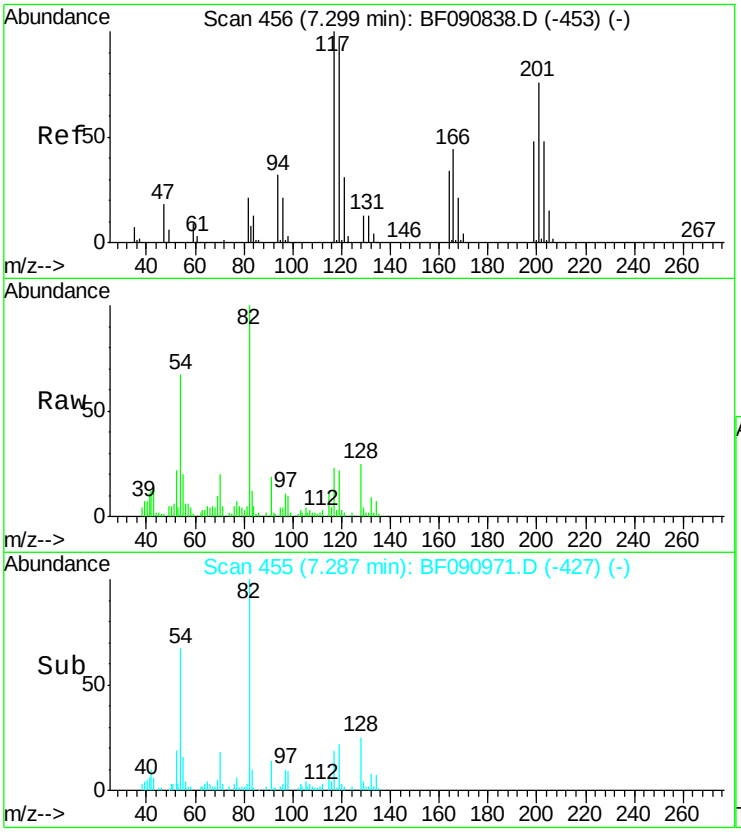




#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion: 79 Resp: 18723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 23.4 | 88.6 | 132.8# |
| 77 | 93.5 | 47.0 | 70.4# |



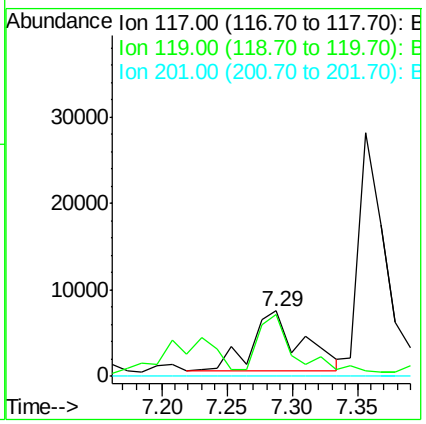


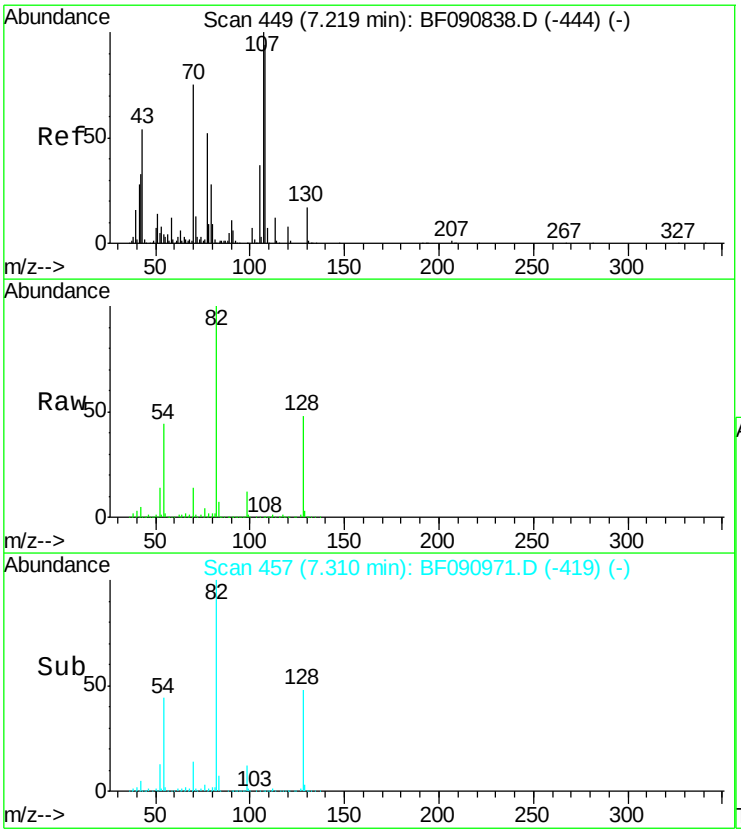

#18
Hexachloroethane
Concen: 3.82 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:117 Resp: 18293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 83.8 | 125.6 |
| 201 | 0.0 | 55.1 | 82.7# |

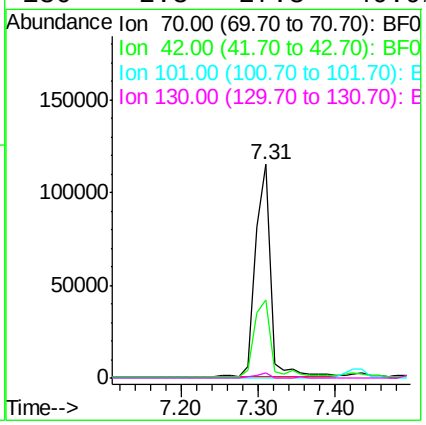


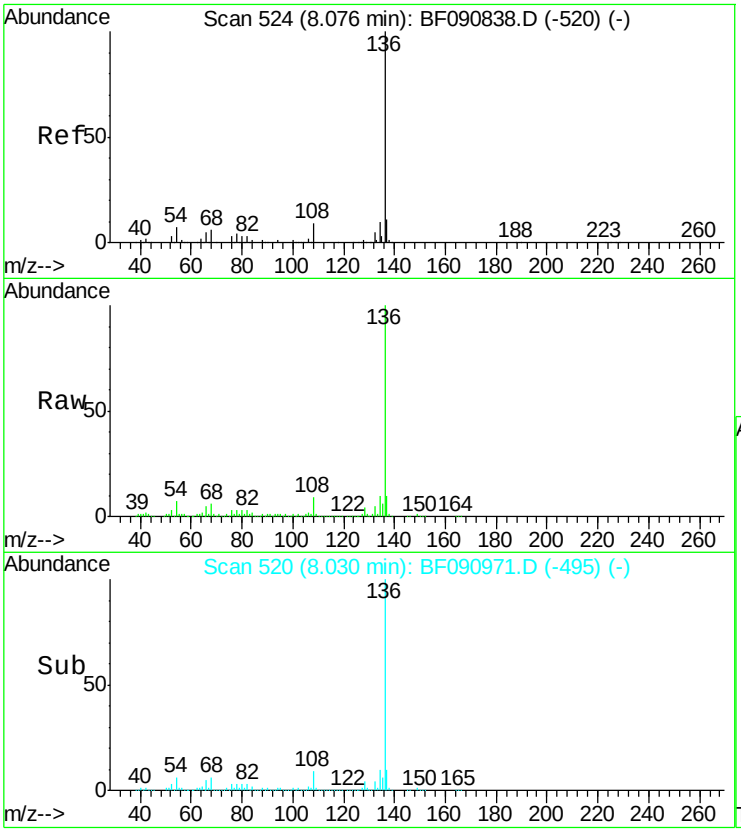




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion: 70 Resp: 156457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 36.8 | 63.8 | 95.6# |
| 101 | 0.0 | 9.2 | 13.8# |
| 130 | 2.3 | 27.3 | 40.9# |



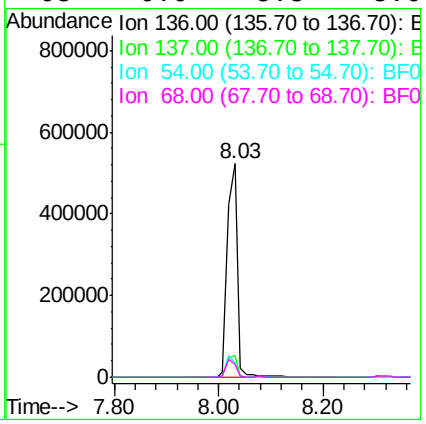


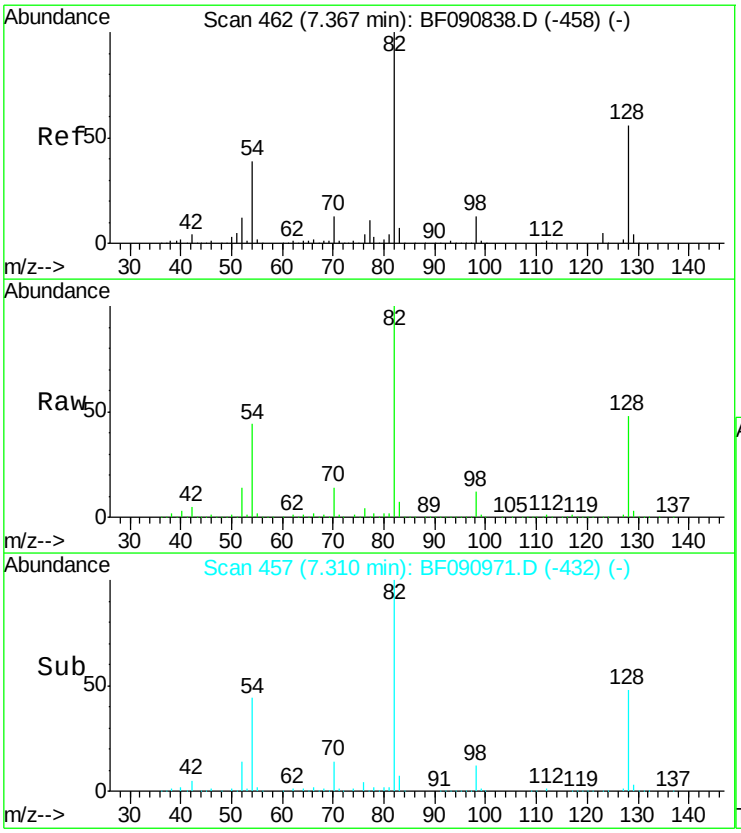

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:136 Resp: 699198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 9.0 | 13.6 |
| 54 | 6.5 | 8.2 | 12.2# |
| 68 | 6.0 | 5.8 | 8.6 |

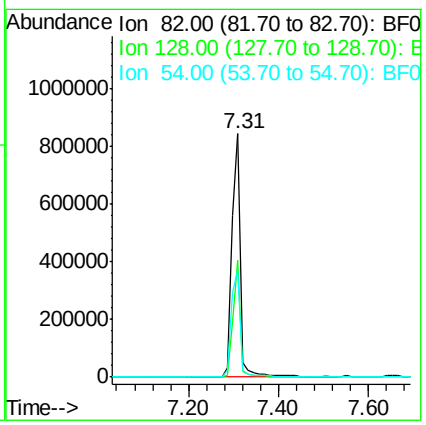


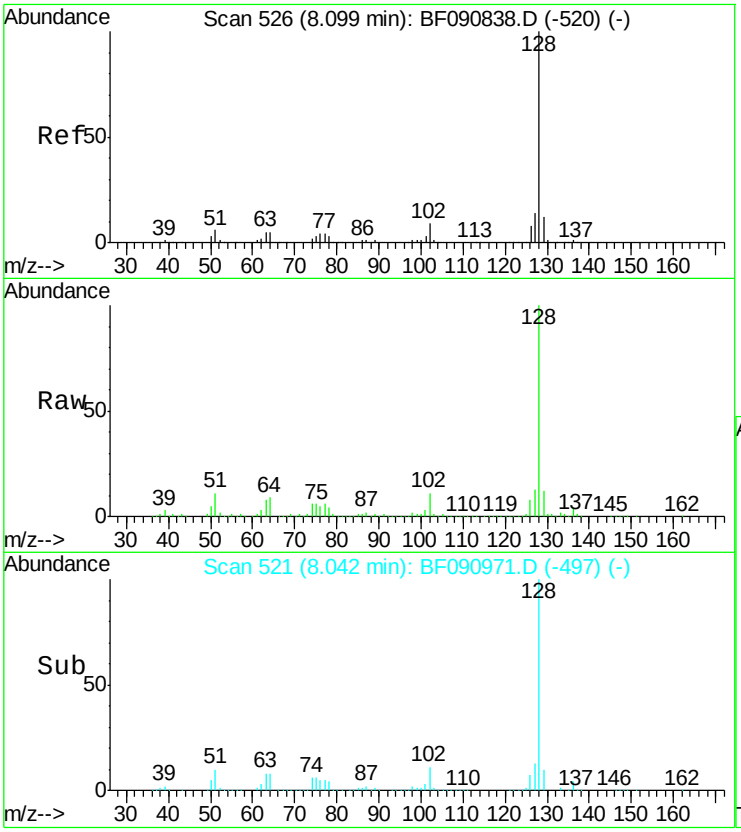




#23
Nitrobenzene-d5
Concen: 102.68 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion: 82 Resp: 1096711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.8 | 51.0 | 76.6# |
| 54 | 43.9 | 47.5 | 71.3# |



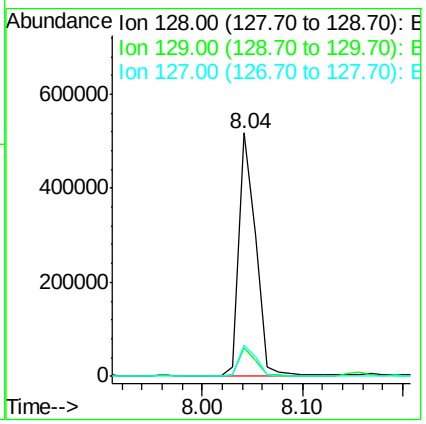


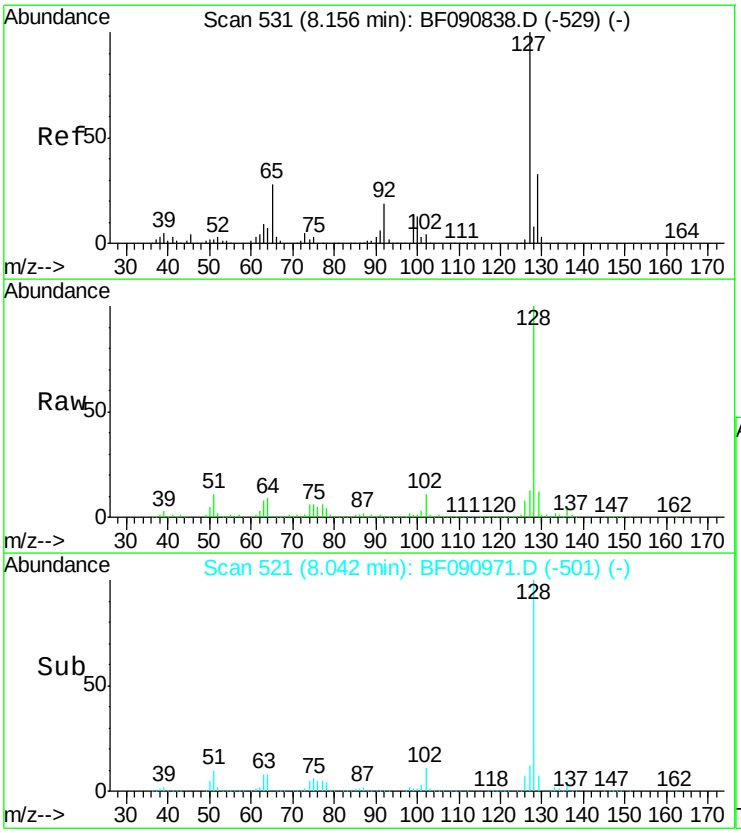

#31
Naphthalene
Concen: 18.44 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:128 Resp: 602562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.4 | 12.6 |
| 127 | 12.9 | 9.9 | 14.9 |

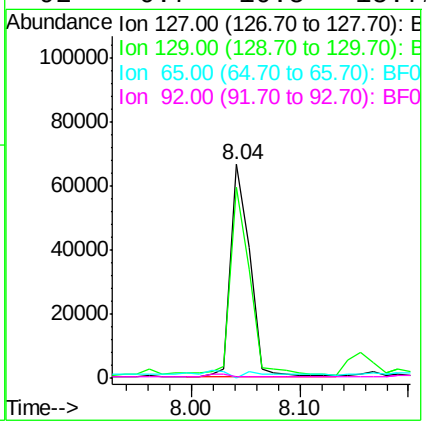


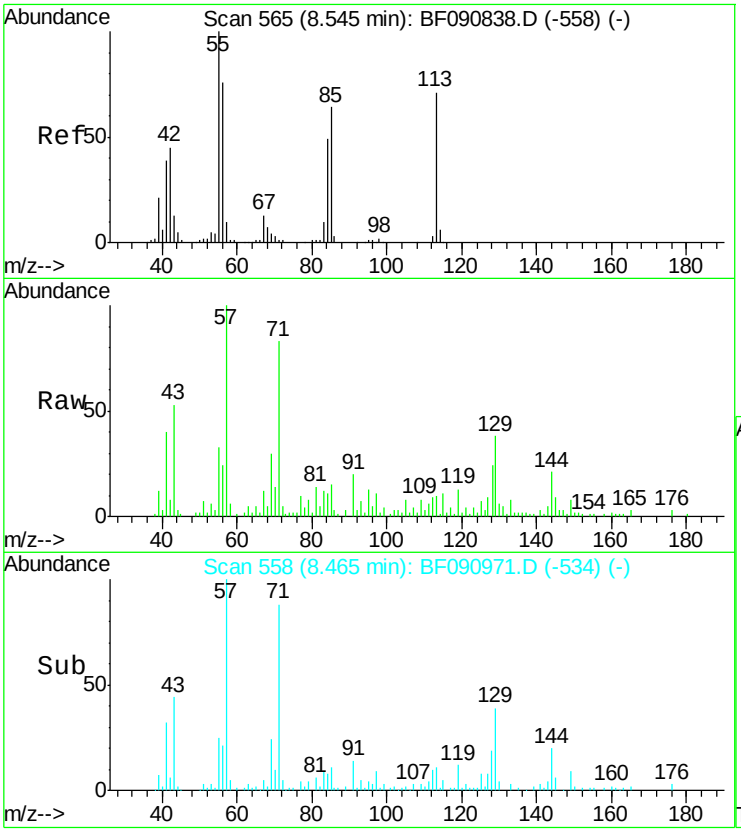




#33
4-Chloroaniline
Concen: 6.07 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:127 Resp: 80164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 89.4 | 25.8 | 38.6# |
| 65 | 0.0 | 17.9 | 26.9# |
| 92 | 0.7 | 10.5 | 15.7# |



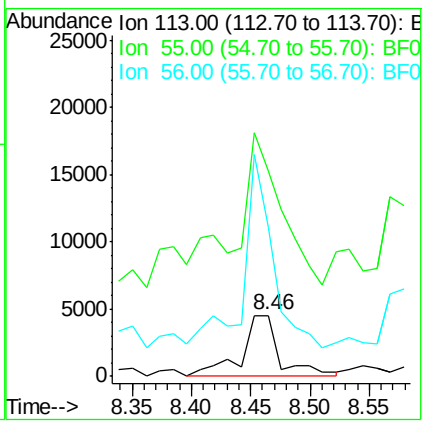


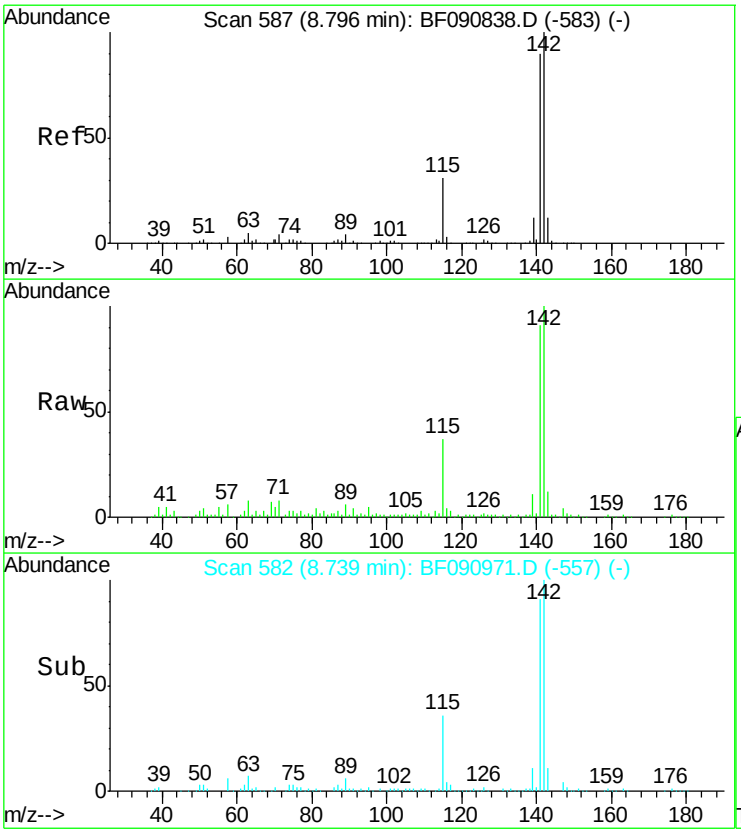

#35
Caprolactam
Concen: 3.68 ng
RT: 8.46 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:113 Resp: 10354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 336.4 | 152.4 | 192.4# |
| 56 | 243.7 | 104.6 | 144.6# |

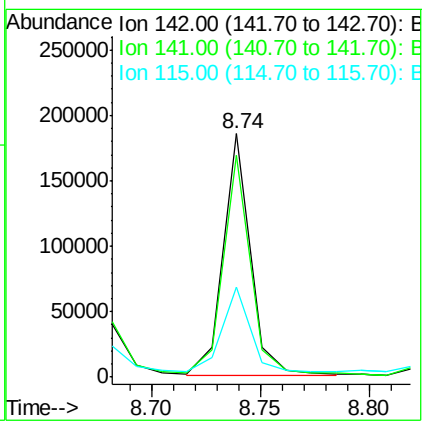


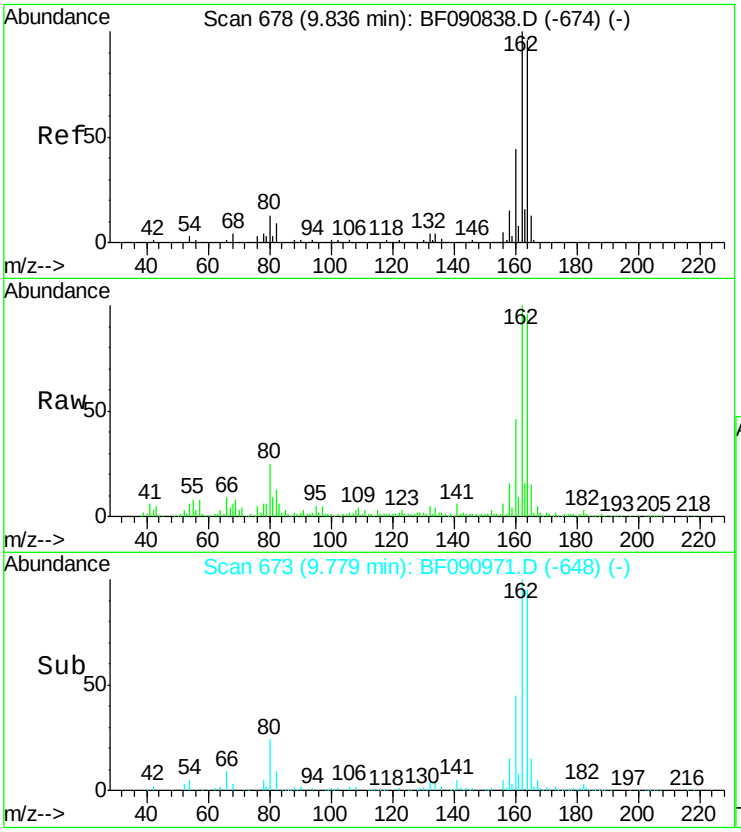




#37
2-Methylnaphthalene
Concen: 7.60 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:142 Resp: 160512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 67.5 | 101.3 |
| 115 | 37.1 | 18.2 | 27.2# |



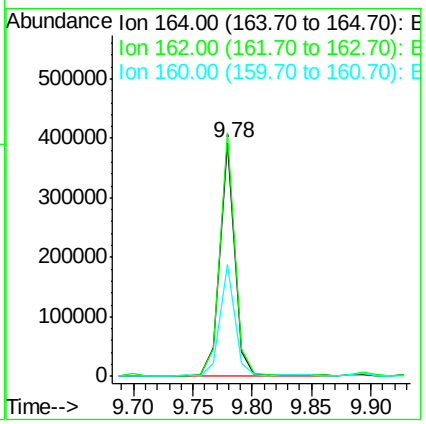


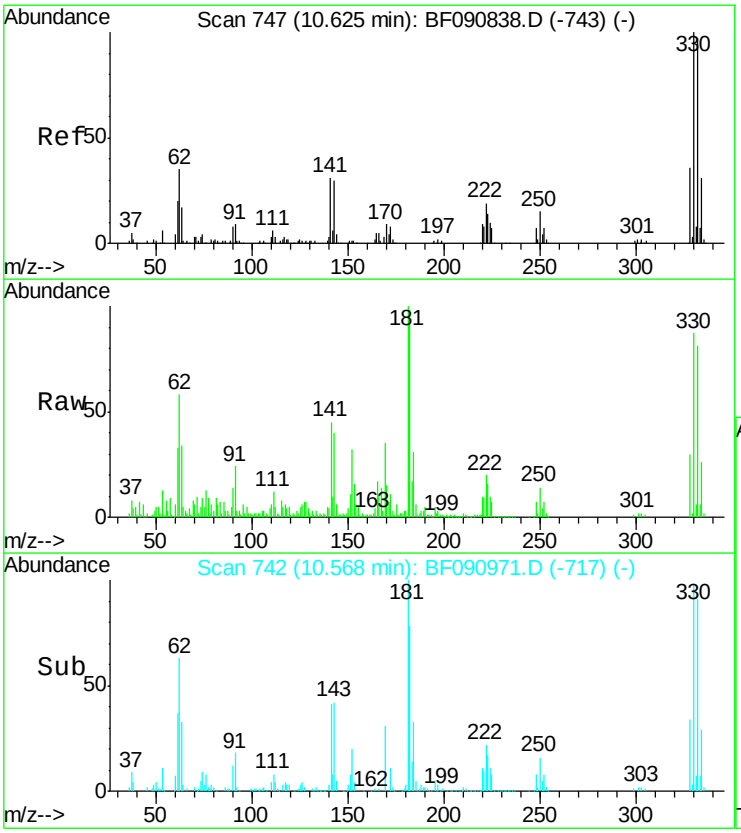

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:164 Resp: 339017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 75.2 | 112.8 |
| 160 | 47.9 | 31.5 | 47.3# |

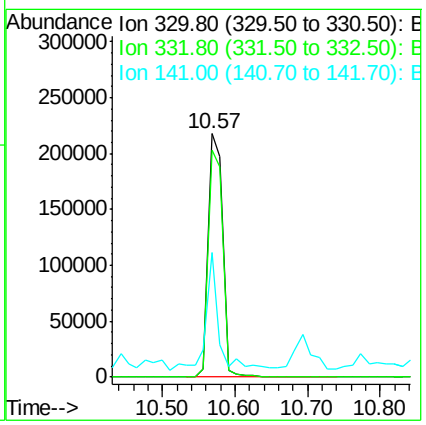


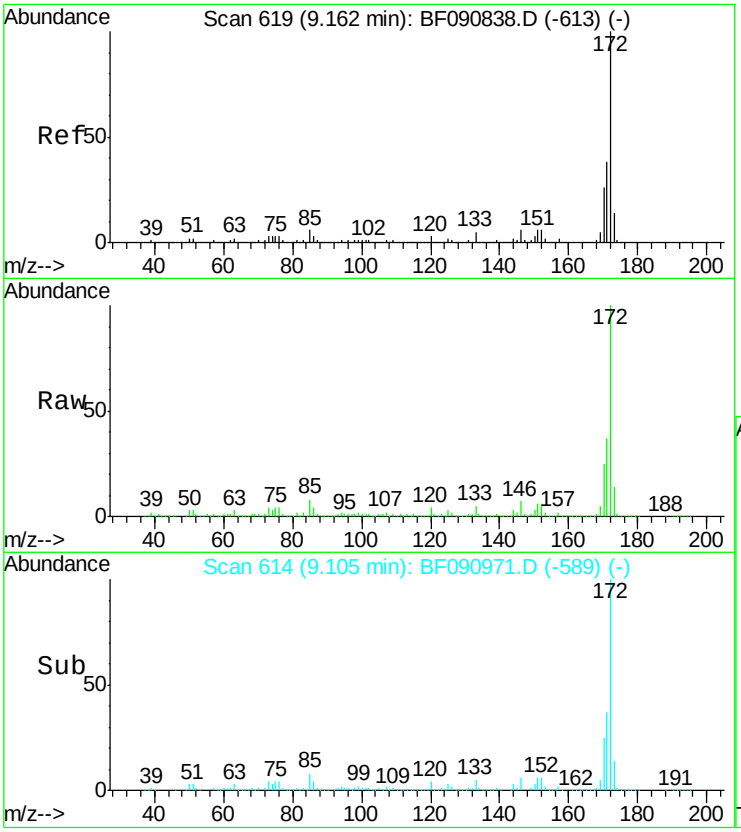




#41
2,4,6-Tribromophenol
Concen: 86.25 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:330 Resp: 300480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.0 | 76.6 | 114.8 |
| 141 | 36.3 | 29.7 | 44.5 |



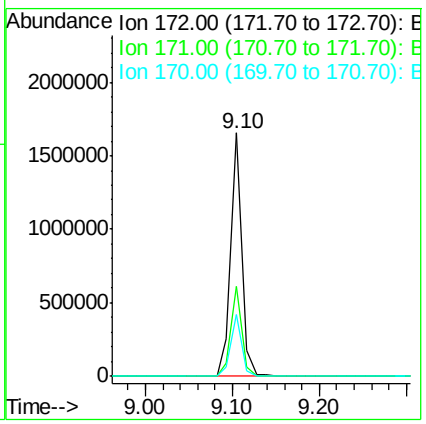


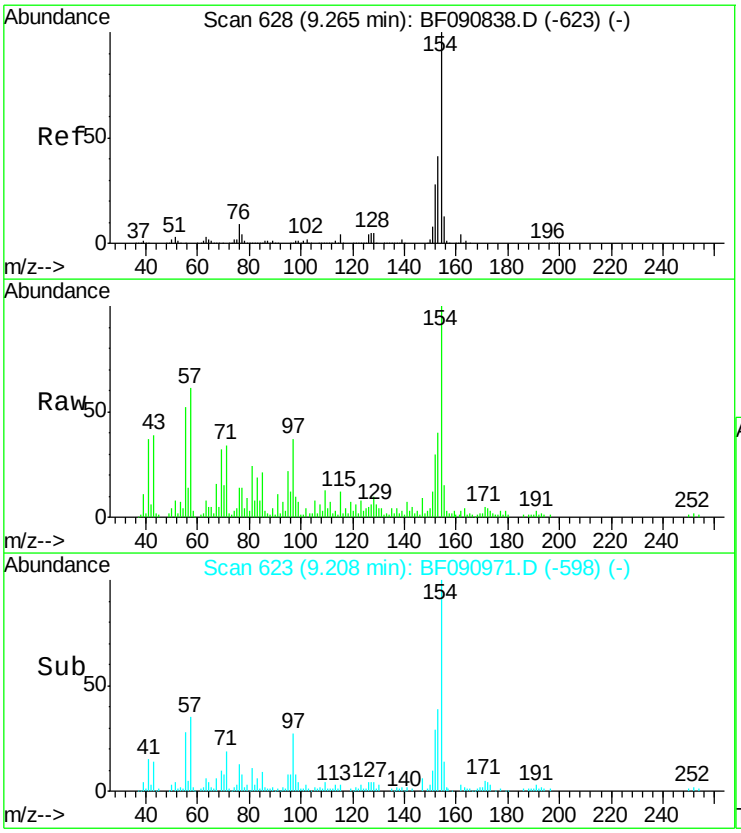

#44
2-Fluorobiphenyl
Concen: 76.14 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:172 Resp: 1469997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 26.1 | 39.1 |
| 170 | 25.4 | 17.4 | 26.2 |

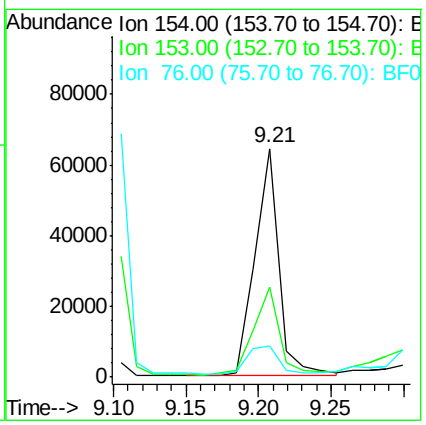


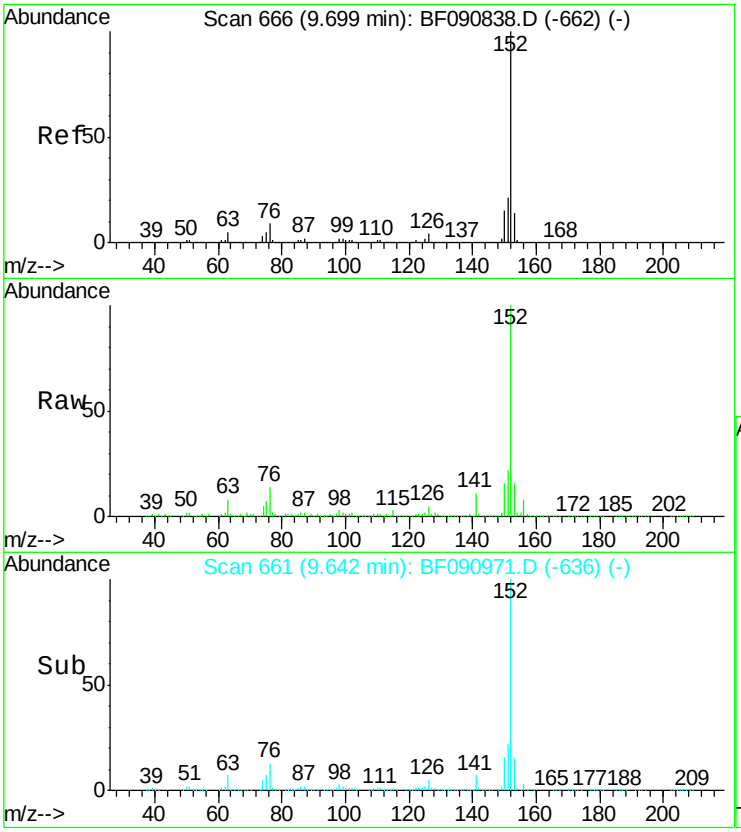




#45
1,1'-Biphenyl
Concen: 3.02 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:154 Resp: 73851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.5 | 17.1 | 57.1 |
| 76 | 13.7 | 0.0 | 31.6 |



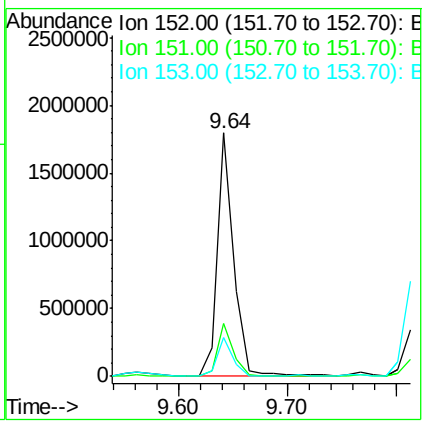


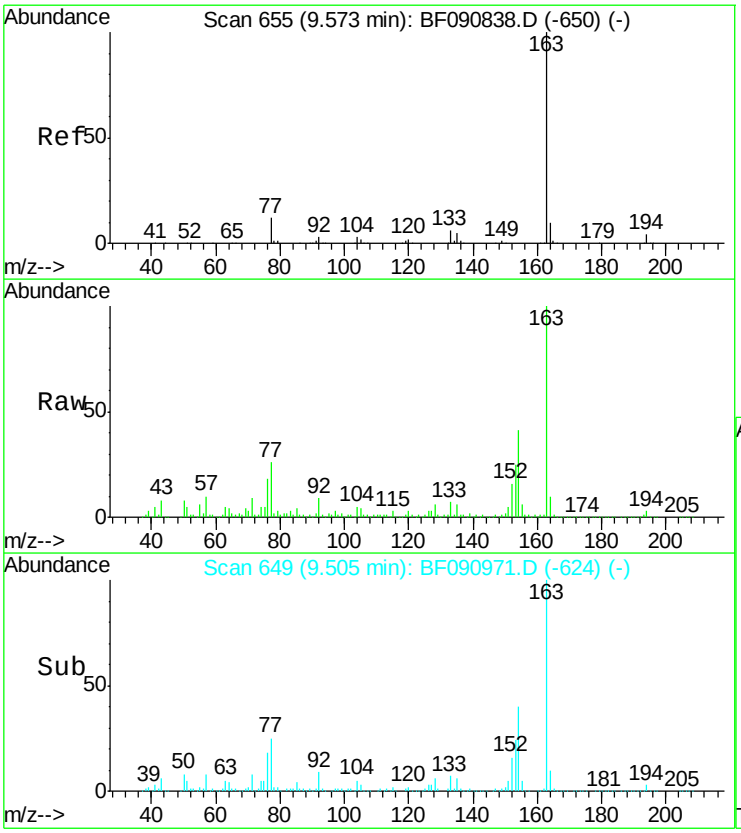

#48
Acenaphthylene
Concen: 66.71 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:152 Resp: 1876271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.9 | 14.6 | 22.0 |
| 153 | 15.7 | 10.3 | 15.5# |

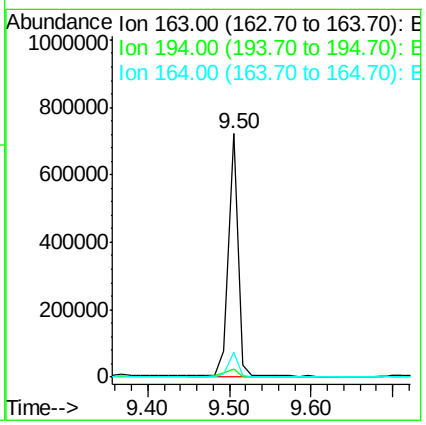


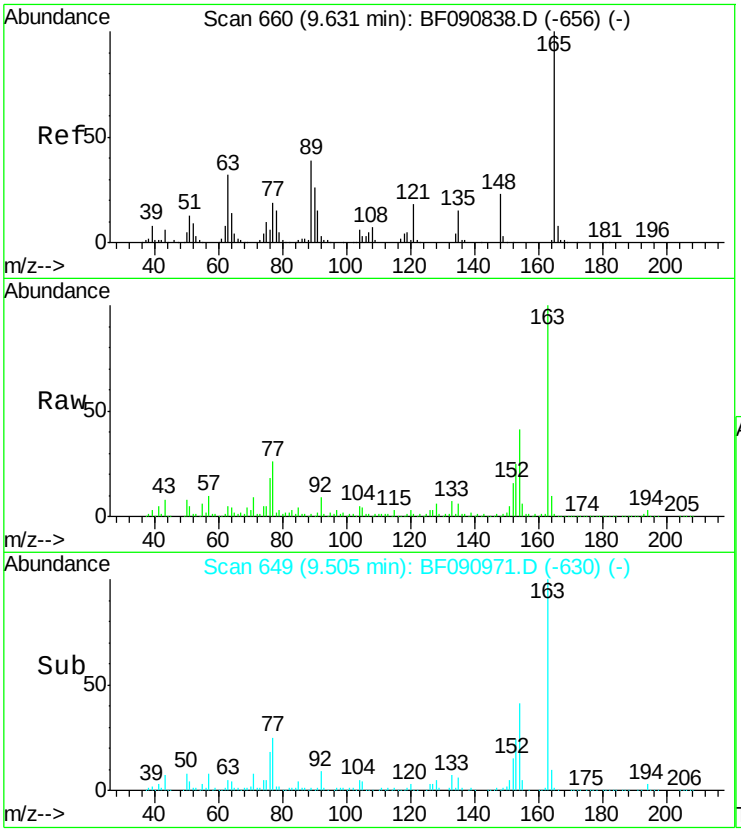




#49
Dimethylphthalate
Concen: 25.70 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:163 Resp: 582162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 4.4 | 6.6# |
| 164 | 10.4 | 8.3 | 12.5 |



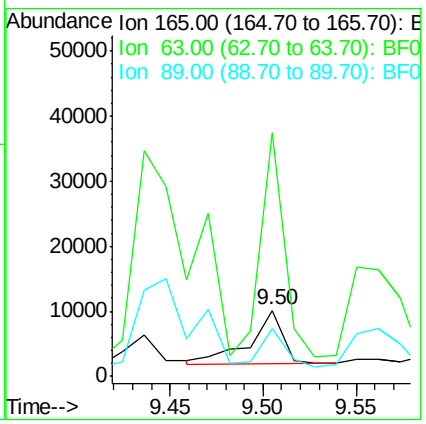


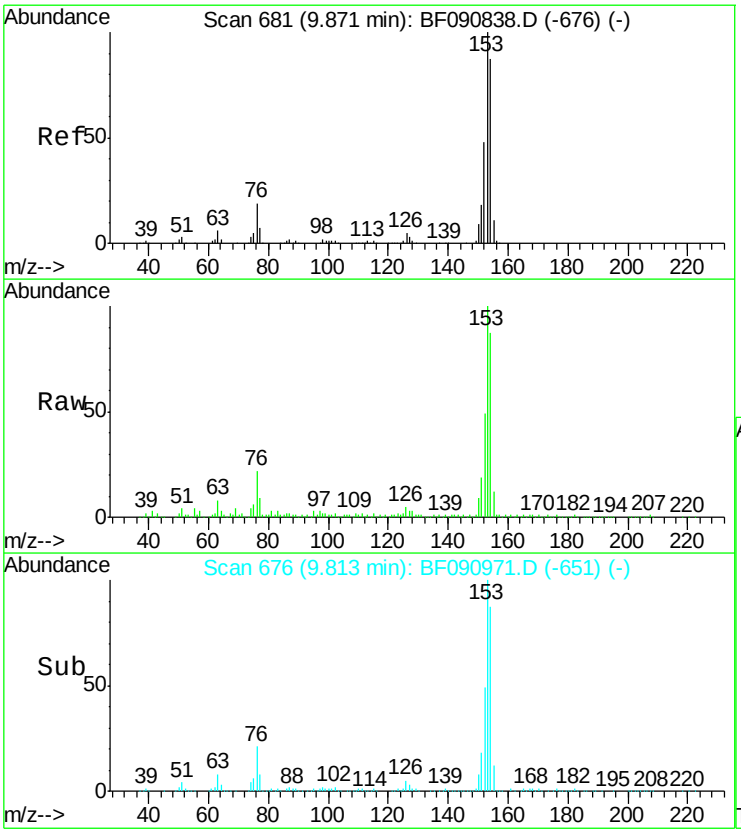

#50
2,6-Dinitrotoluene
Concen: 2.00 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.08 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:165 Resp: 10026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 369.4 | 32.3 | 48.5# |
| 89 | 72.6 | 28.6 | 43.0# |

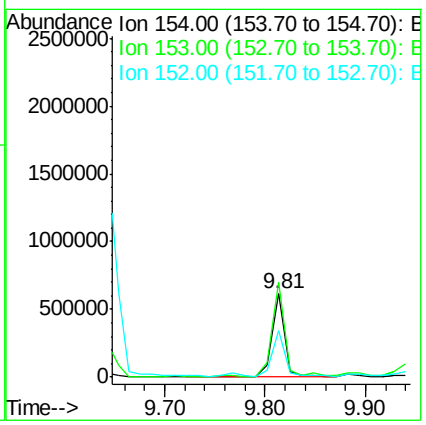


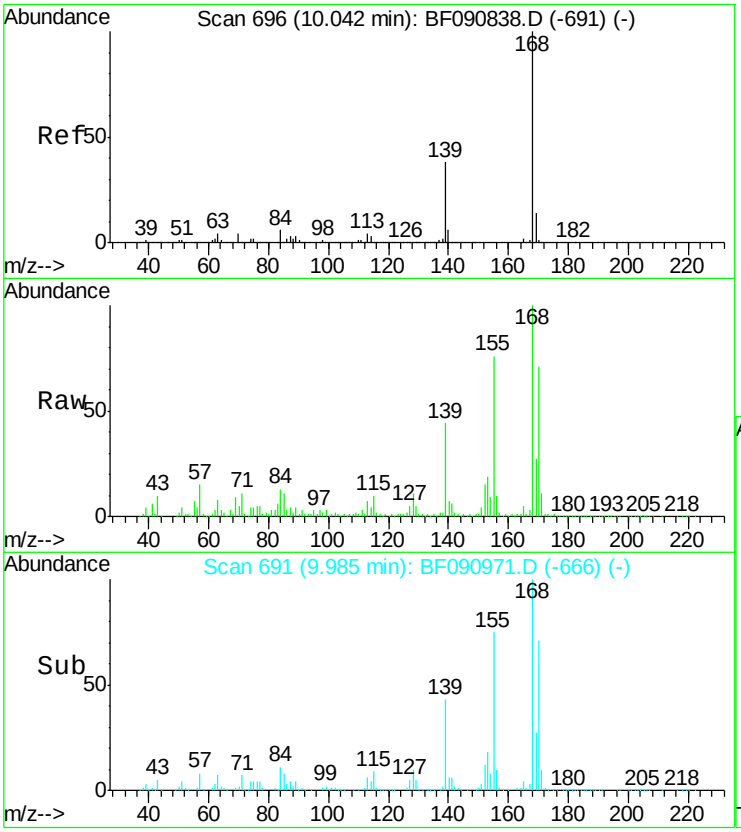




#51
Acenaphthene
Concen: 26.74 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:154 Resp: 518046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.5 | 82.1 | 123.1 |
| 152 | 56.1 | 37.9 | 56.9 |



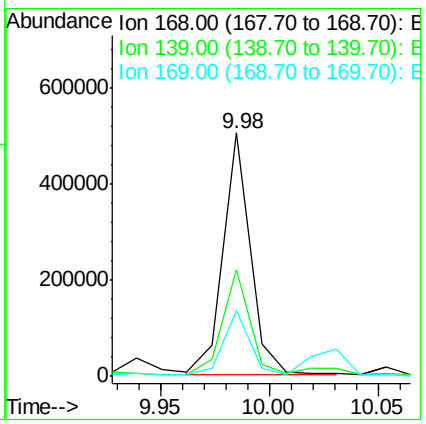


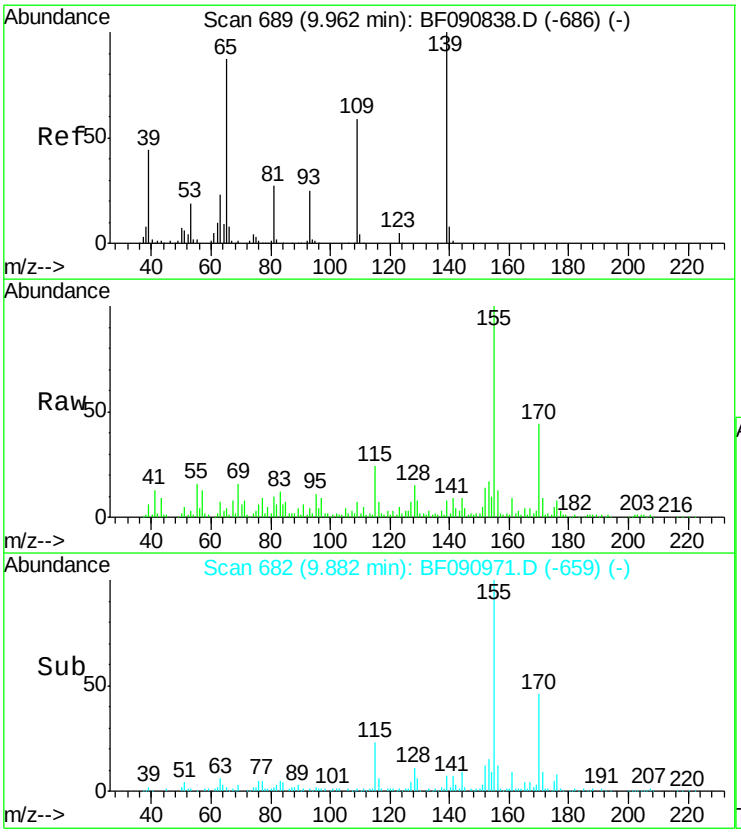

#54
Dibenzofuran
Concen: 17.60 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:168 Resp: 439945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.9 | 24.2 | 36.2# |
| 169 | 27.1 | 10.6 | 15.8# |

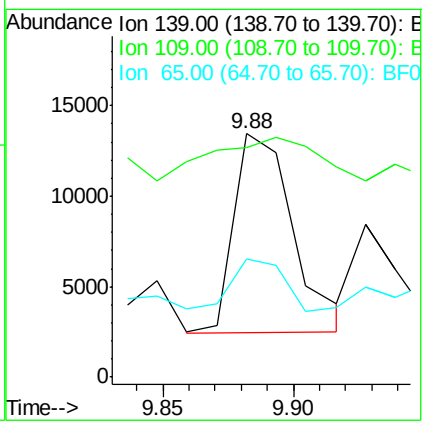


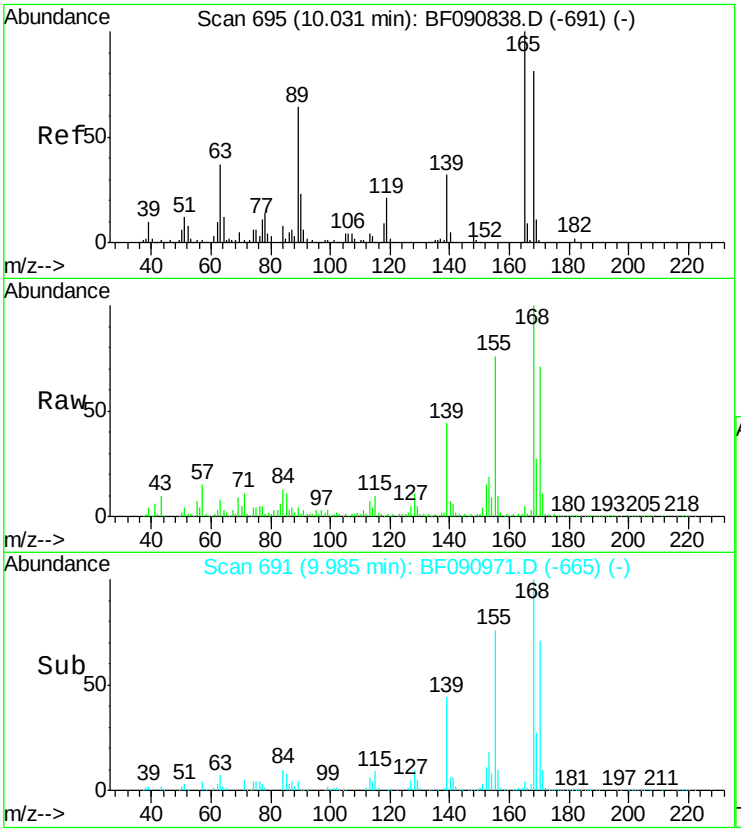




#55
4-Nitrophenol
Concen: 5.41 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:139 Resp: 17560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 94.1 | 12.7 | 52.7# |
| 65 | 48.5 | 45.9 | 85.9 |



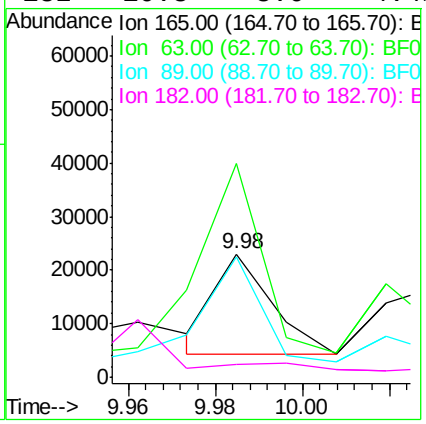


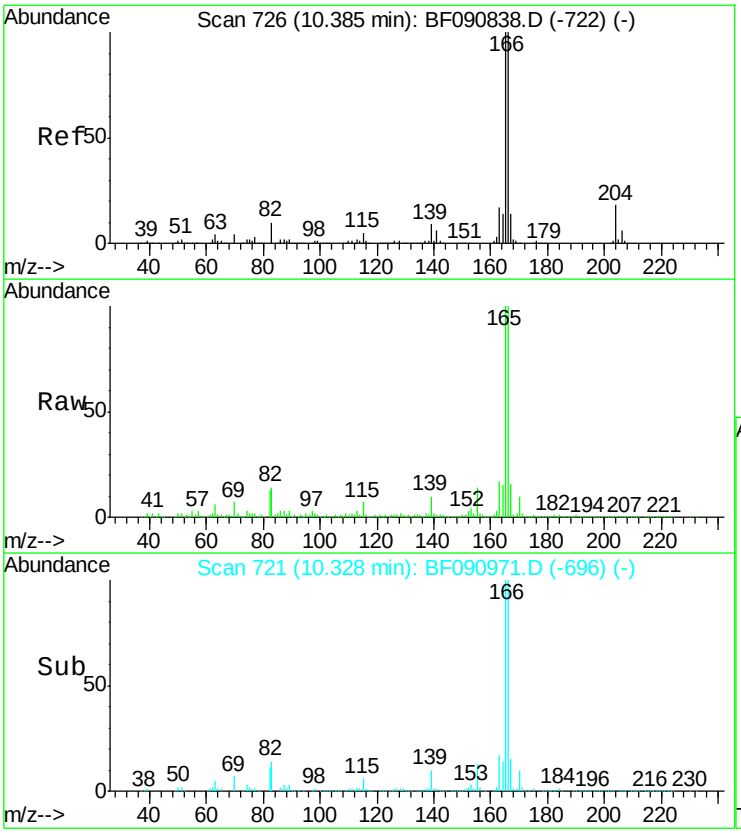

#56
2,4-Dinitrotoluene
Concen: 2.73 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:165 Resp: 16946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 173.5 | 29.8 | 44.6# |
| 89 | 97.6 | 44.5 | 66.7# |
| 182 | 10.3 | 3.0 | 4.4# |

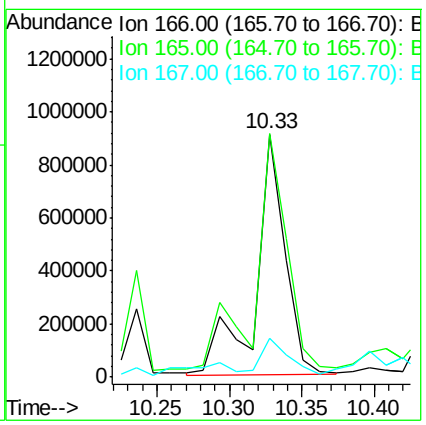


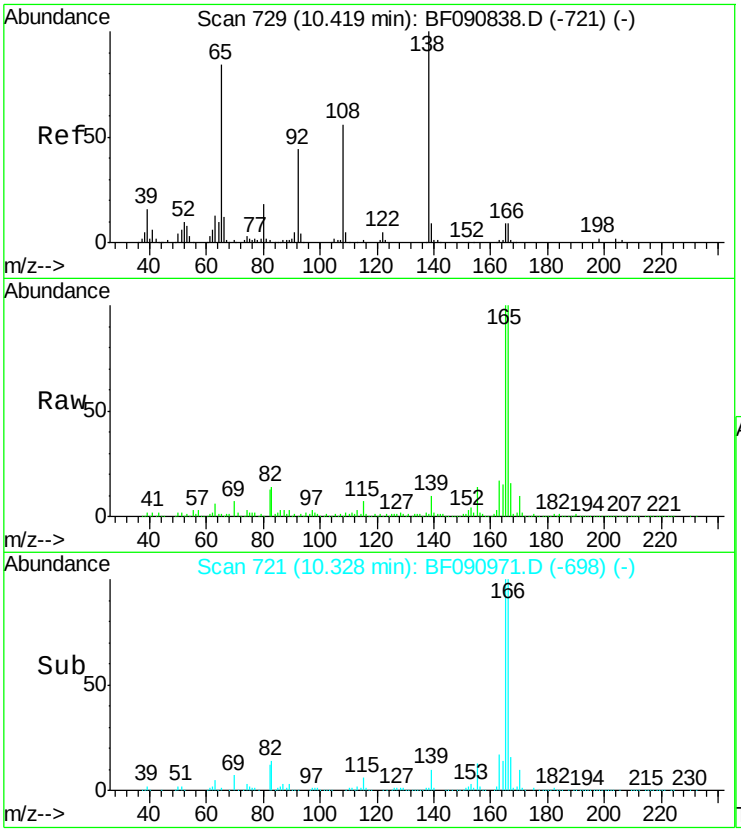




#57
Fluorene
Concen: 63.10 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:166 Resp: 1291987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.4 | 72.6 | 109.0 |
| 167 | 16.1 | 10.6 | 16.0# |



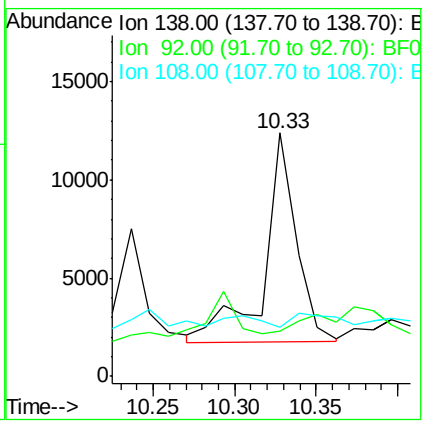


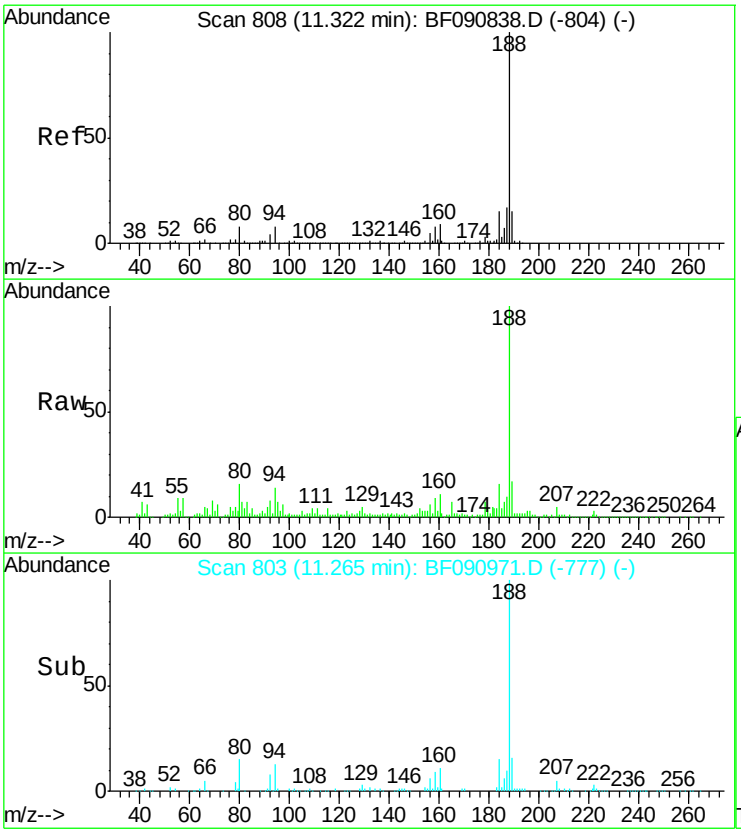

#61
4-Nitroaniline
Concen: 2.79 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:138 Resp: 14690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 18.6 | 12.6 | 52.6 |
| 108 | 20.1 | 12.4 | 52.4 |

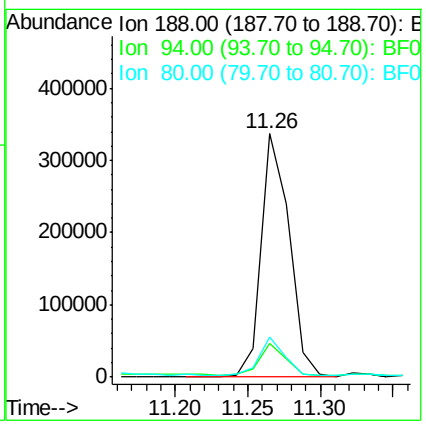


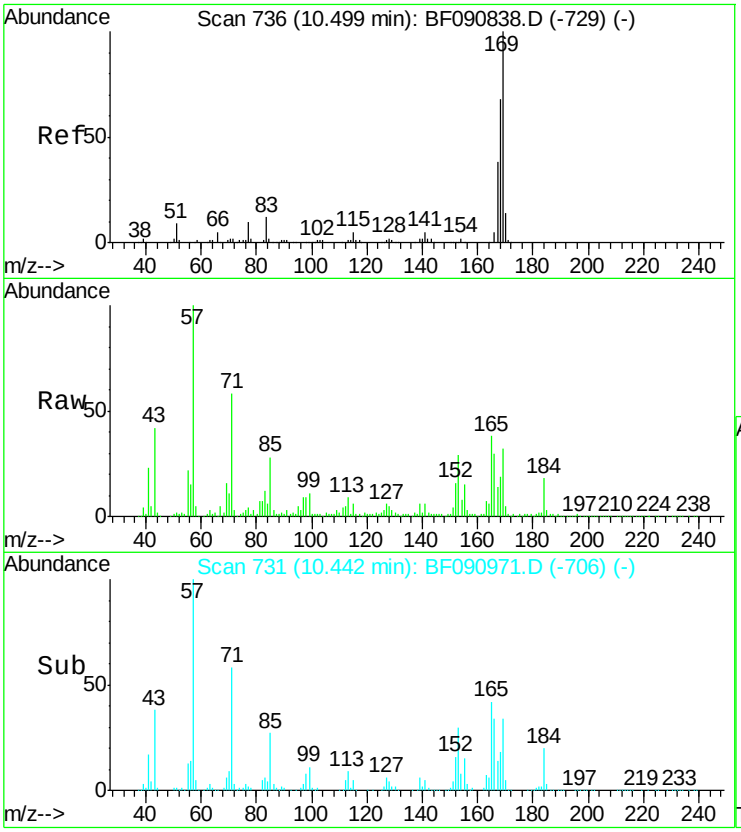




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:188 Resp: 446556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.9 | 11.1 | 16.7 |
| 80 | 16.3 | 11.0 | 16.4 |



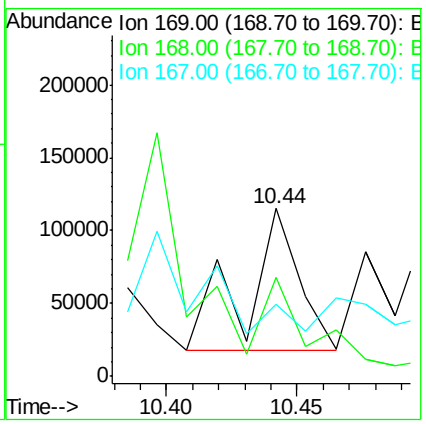


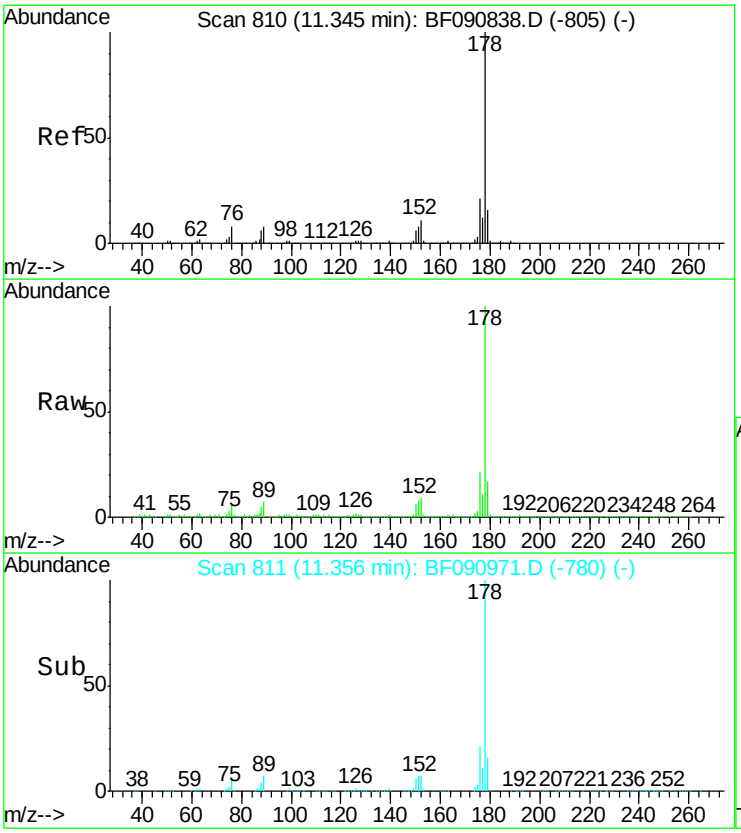

#65
n-Nitrosodiphenylamine
Concen: 10.24 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:169 Resp: 140035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 58.7 | 48.9 | 73.3 |
| 167 | 42.9 | 26.2 | 39.4# |

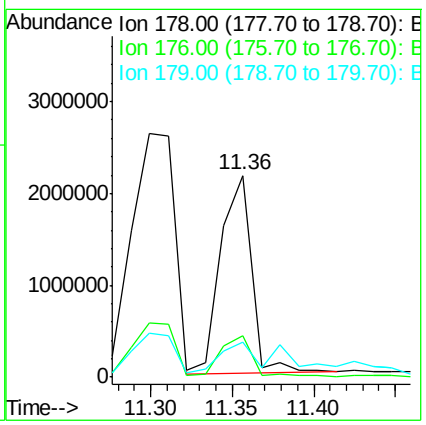


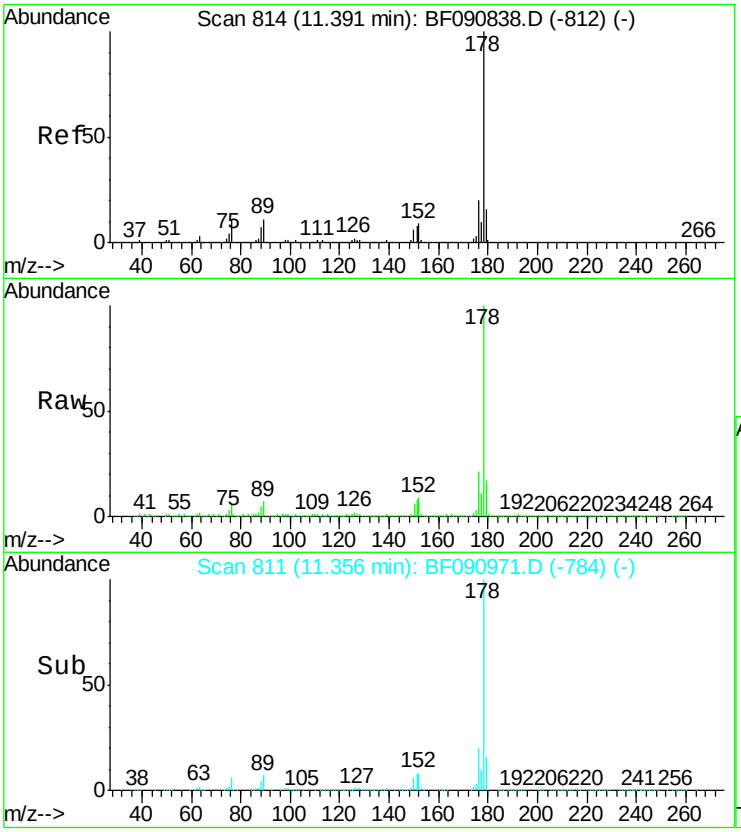




#70
Phenanthrene
Concen: 124.61 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.06 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:178 Resp: 2833755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 13.8 | 20.8 |
| 179 | 17.1 | 12.2 | 18.2 |



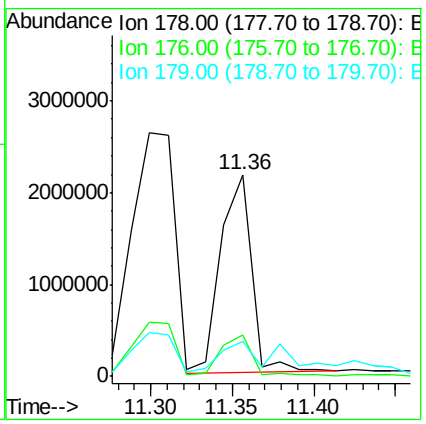


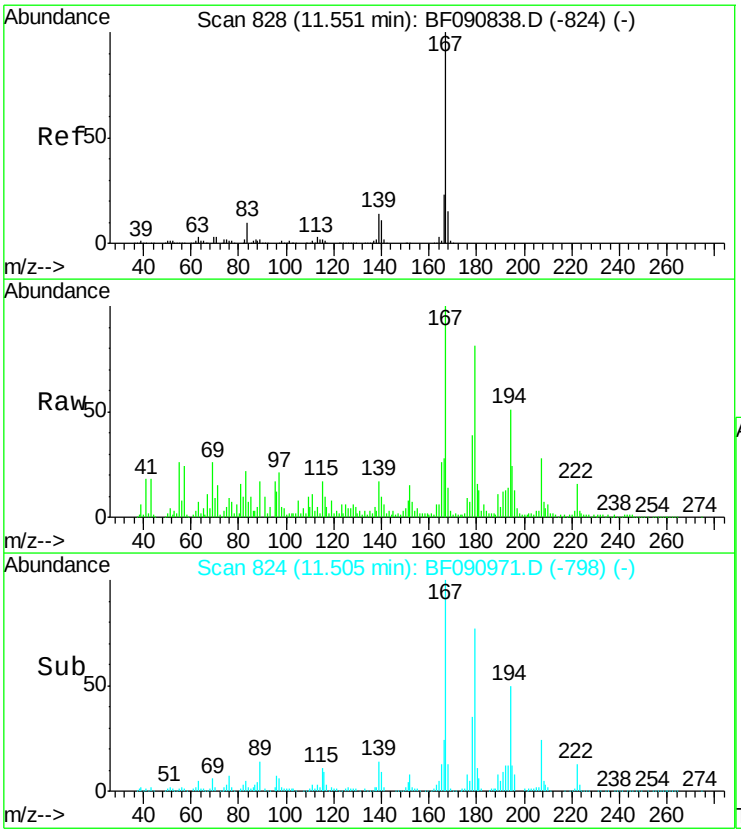

#71
Anthracene
Concen: 118.34 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:178 Resp: 2833755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 14.1 | 21.1 |
| 179 | 17.1 | 12.2 | 18.2 |

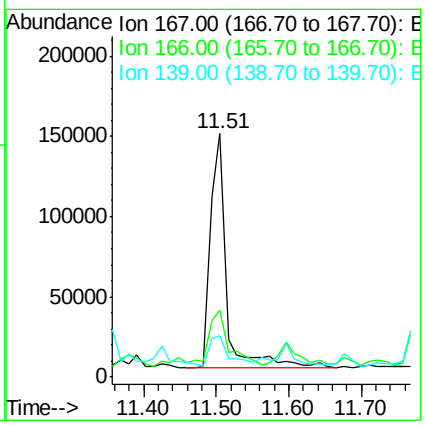


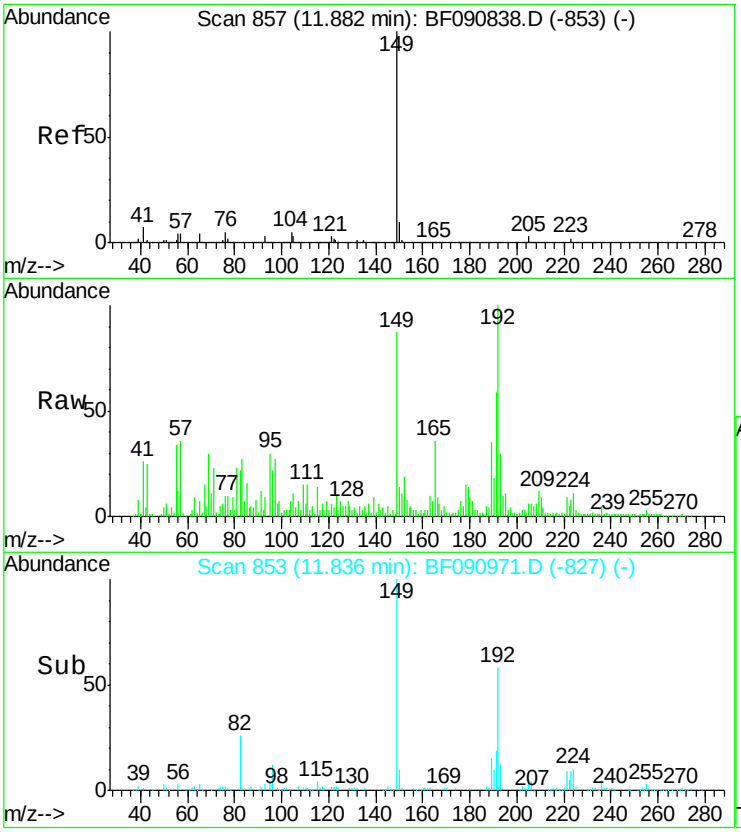




#72
Carbazole
Concen: 10.57 ng
RT: 11.51 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:167 Resp: 223568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 27.8 | 15.7 | 23.5# |
| 139 | 16.9 | 9.5 | 14.3# |



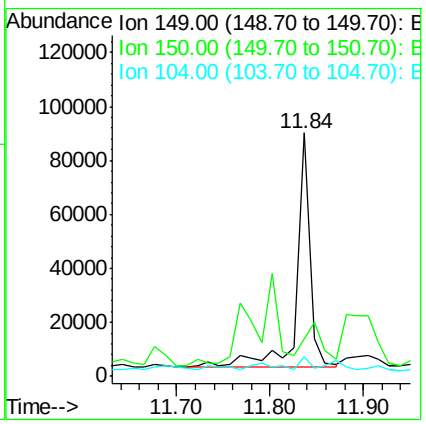


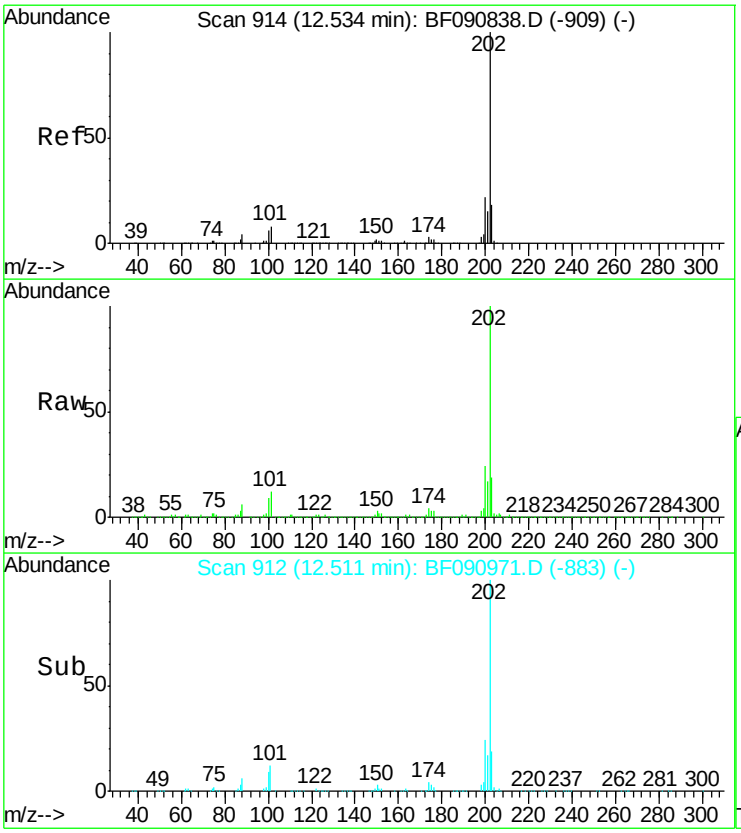

#73
Di-n-butylphthalate
Concen: 3.31 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:149 Resp: 90339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 15.6 | 7.4 | 11.2# |
| 104 | 7.9 | 2.4 | 3.6# |

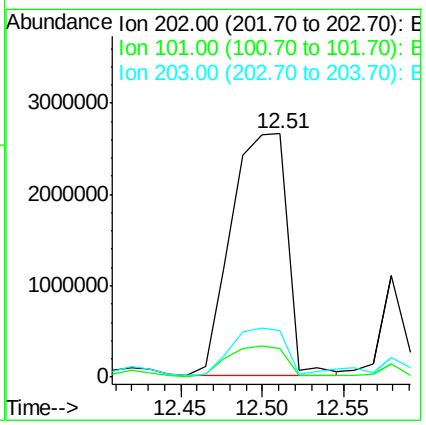


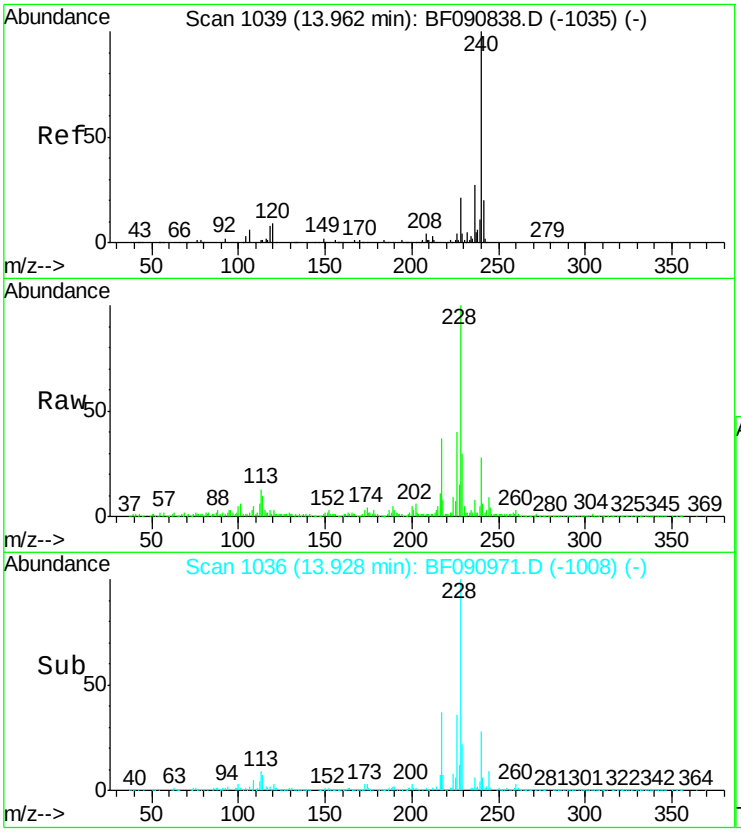




#74
Fluoranthene
Concen: 250.39 ng
RT: 12.51 min Scan# 912
Delta R.T. 0.03 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:202 Resp: 6235563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 38.3 |
| 203 | 19.3 | 0.0 | 37.3 |



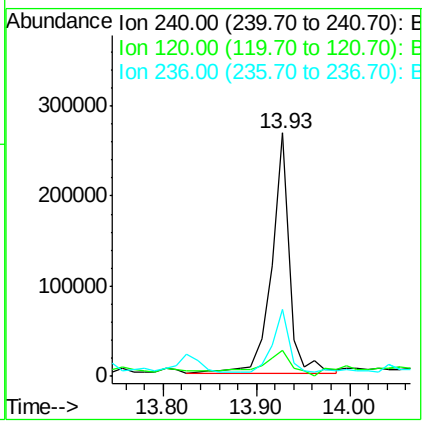


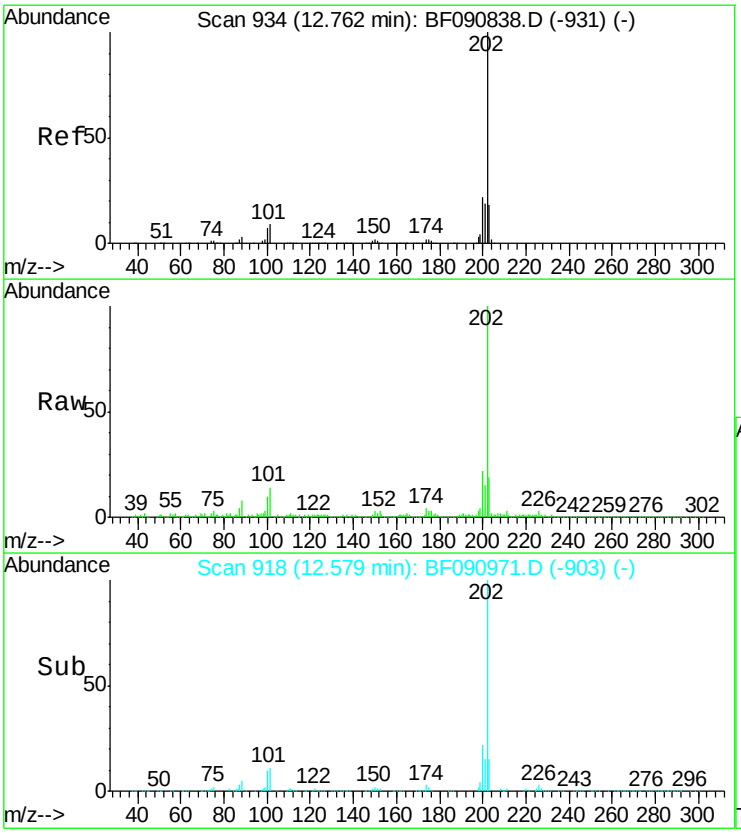

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:240 Resp: 348671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 16.2 | 24.2# |
| 236 | 27.4 | 18.4 | 27.6 |

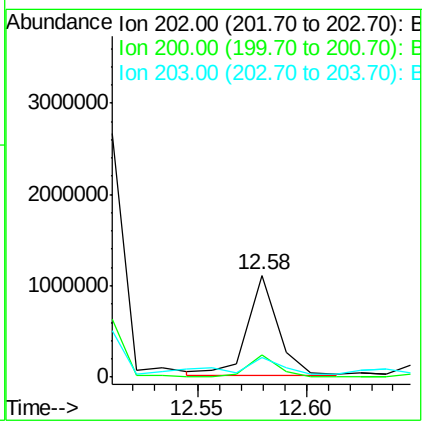


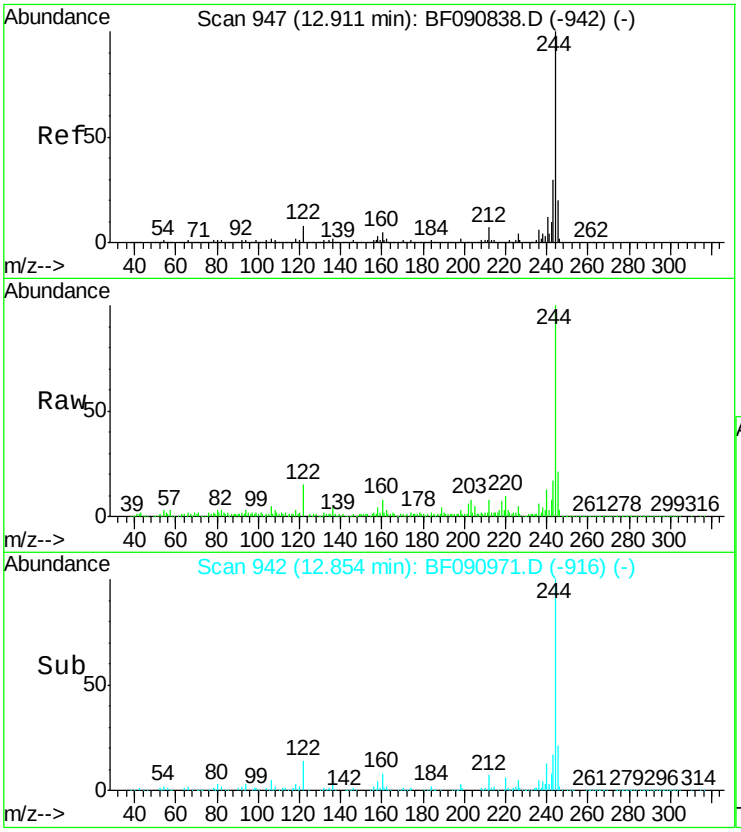




#77
Pyrene
Concen: 47.35 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.13 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:202 Resp: 1044767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 15.0 | 22.4 |
| 203 | 19.5 | 14.1 | 21.1 |



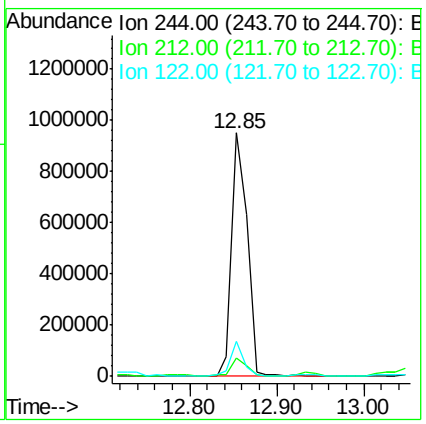


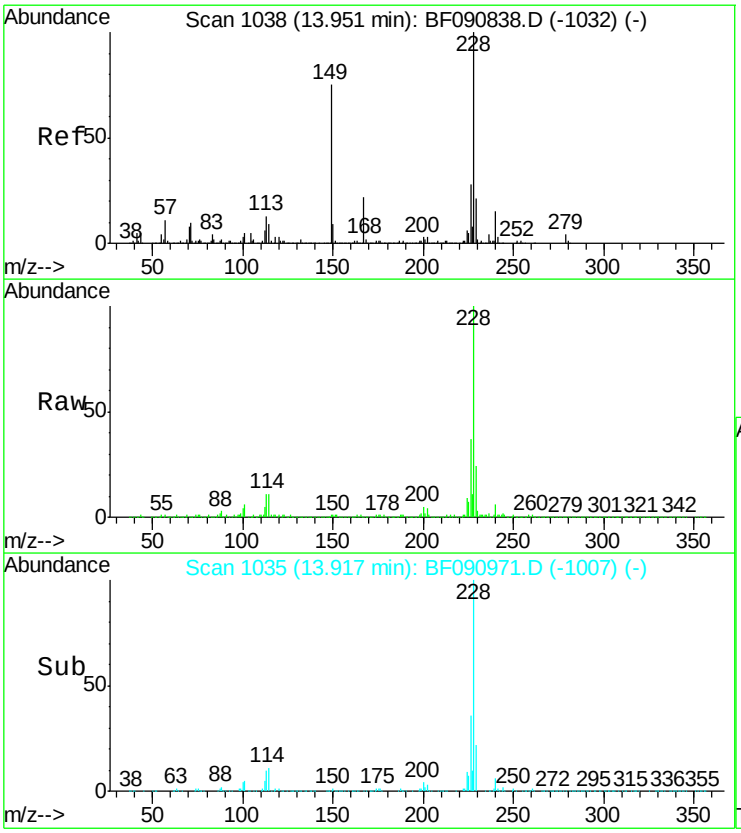

#78
Terphenyl-d14
Concen: 83.98 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:244 Resp: 1162202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 4.3 | 6.5# |
| 122 | 14.5 | 17.4 | 26.2# |

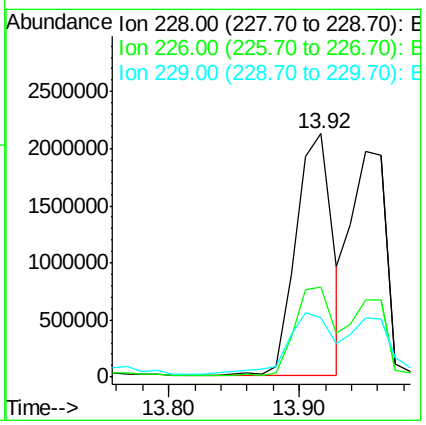


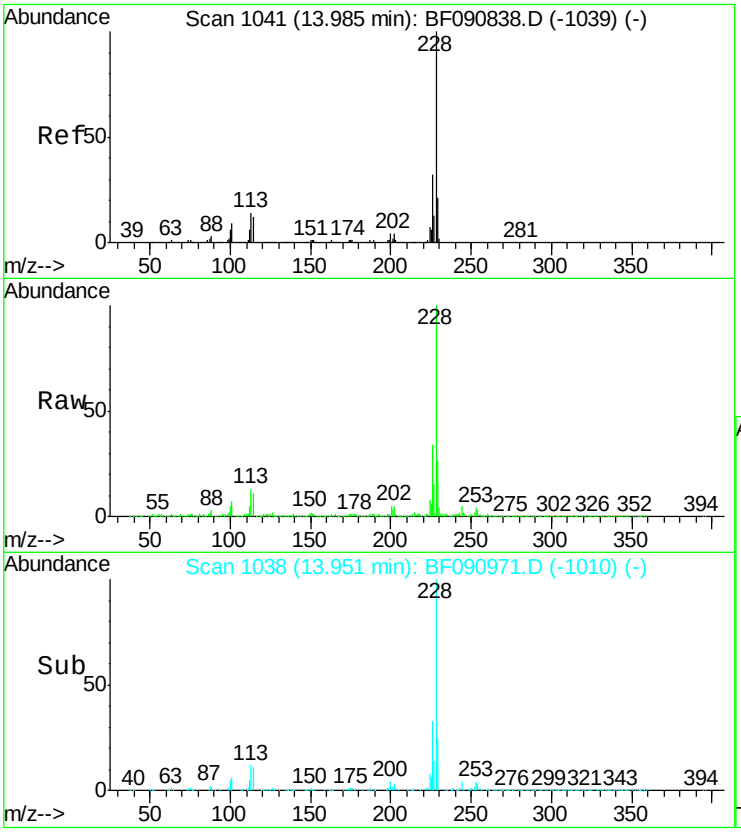




#80
Benzo(a)anthracene
Concen: 222.65 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:228 Resp: 4120095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 37.0 | 20.0 | 30.0# |
| 229 | 24.2 | 15.4 | 23.2# |



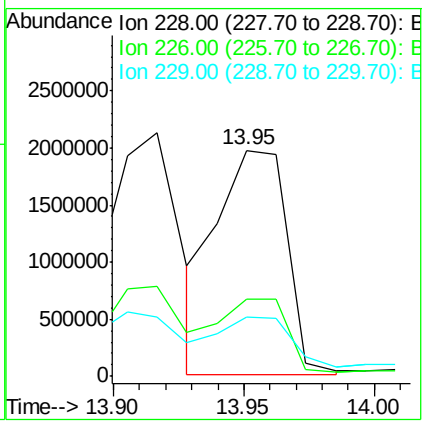


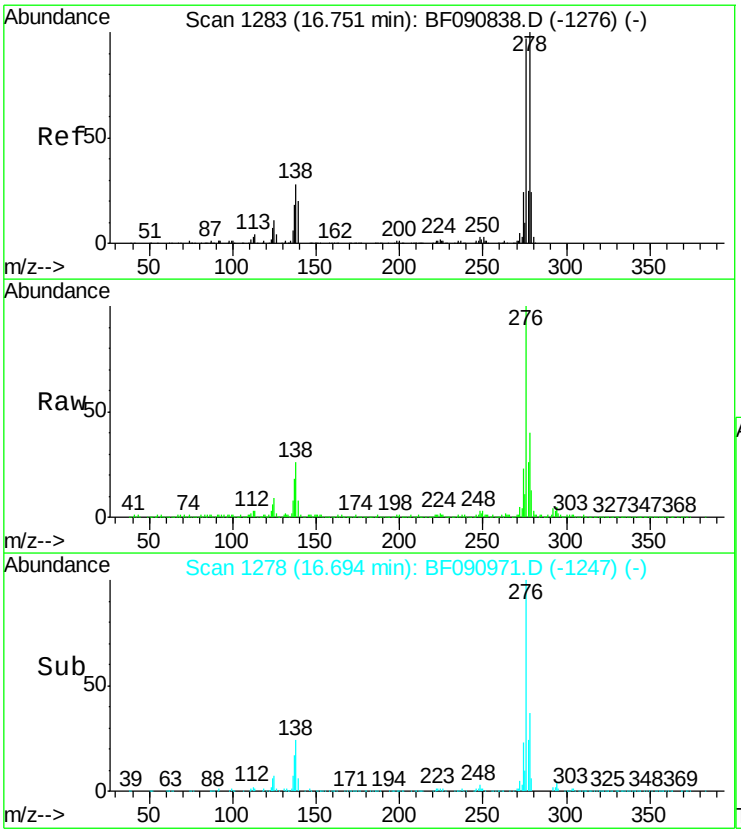

#82
Chrysene
Concen: 196.17 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:228 Resp: 3671669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.0 | 21.0 | 31.4# |
| 229 | 26.2 | 15.6 | 23.4# |

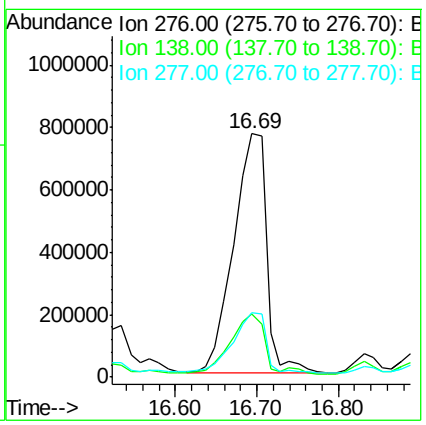


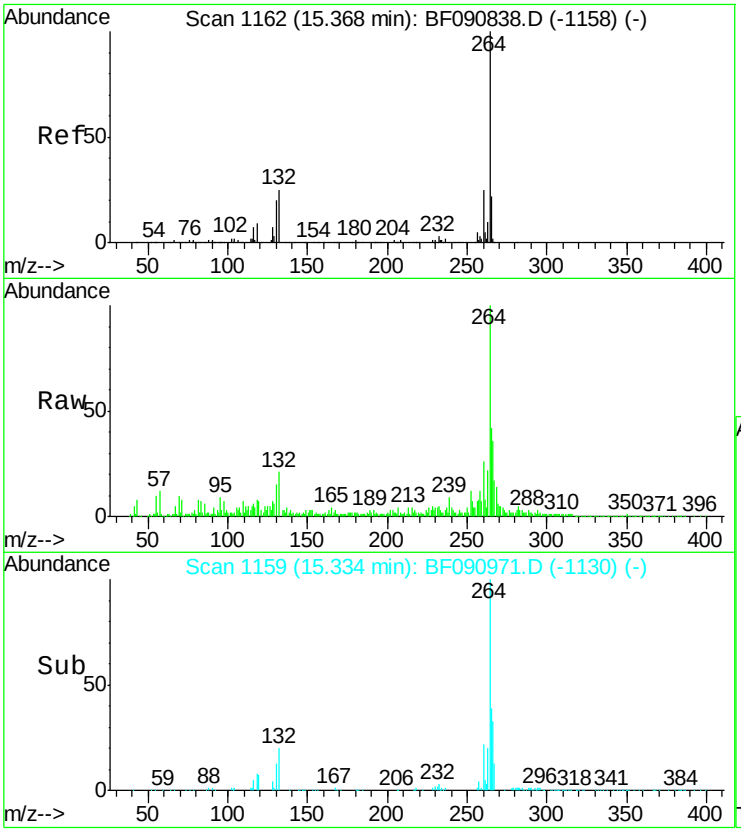




#85
Indeno(1,2,3-cd)pyrene
Concen: 129.95 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.06 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:276 Resp: 2155355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.9 | 25.7 | 38.5# |
| 277 | 25.5 | 15.6 | 23.4# |



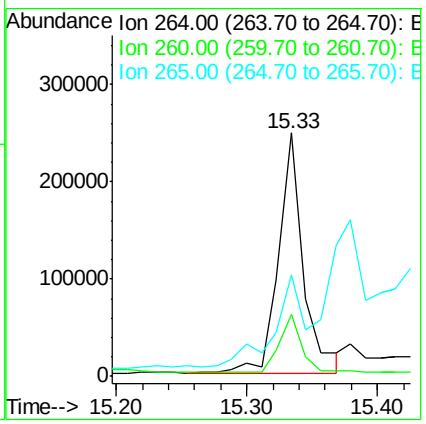


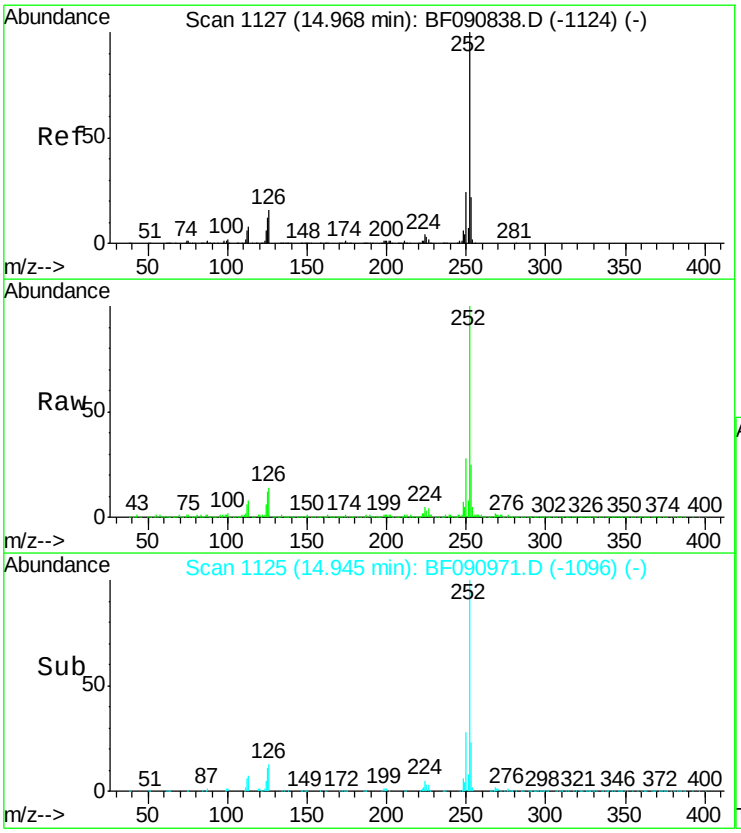

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:264 Resp: 328353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.5 | 16.7 | 25.1# |
| 265 | 41.9 | 17.2 | 25.8# |

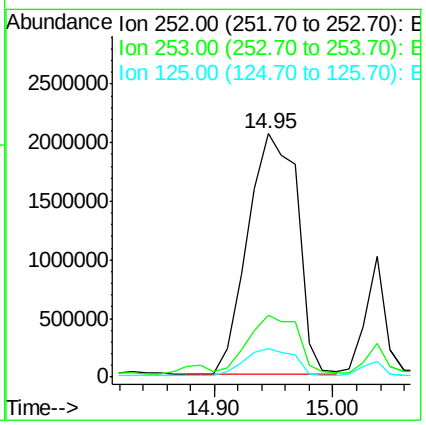


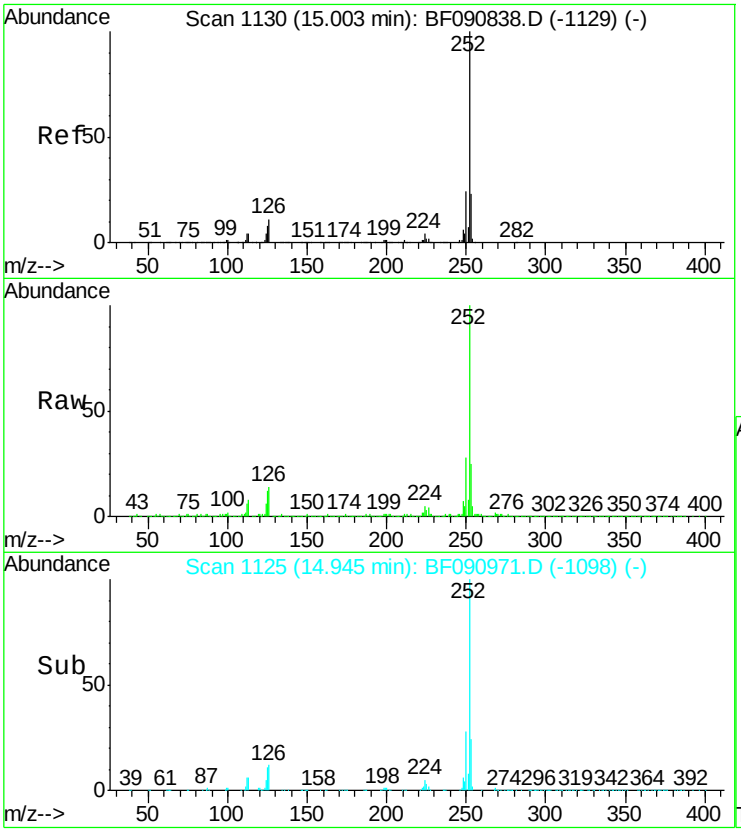




#87
Benzo(b)fluoranthene
Concen: 270.17 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.03 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:252 Resp: 5965033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 17.5 | 26.3 |
| 125 | 11.7 | 17.1 | 25.7# |



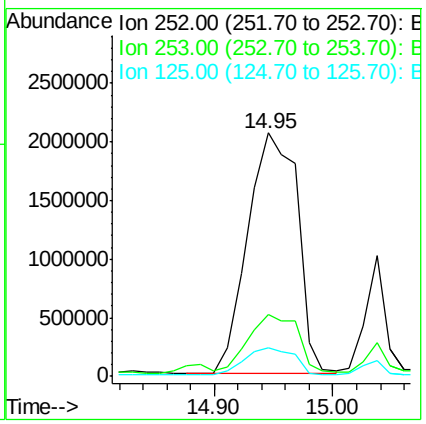


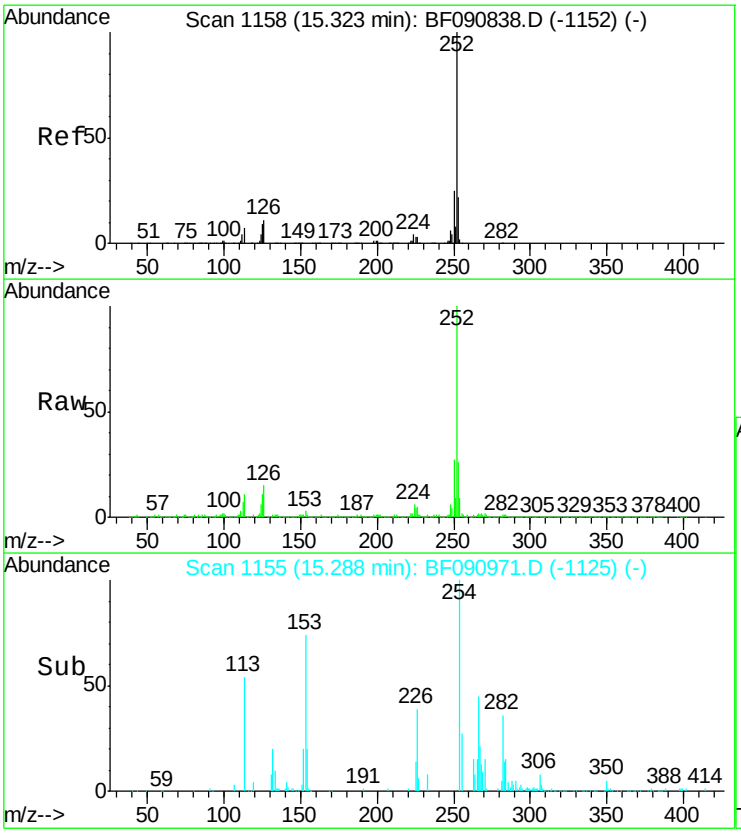

#88
Benzo(k)fluoranthene
Concen: 341.86 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:252 Resp: 5965033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 17.0 | 25.4 |
| 125 | 11.7 | 16.0 | 24.0# |

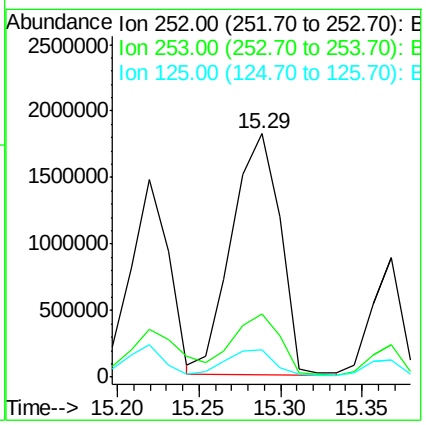


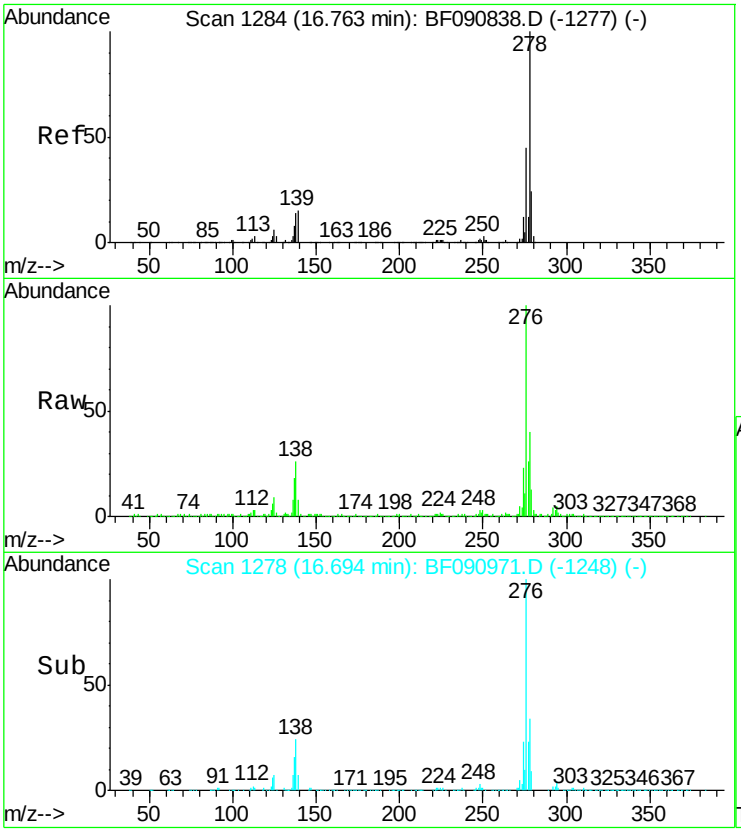




#89
Benzo(a)pyrene
Concen: 196.79 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.05 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:252 Resp: 3733253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.0 | 17.2 | 25.8# |
| 125 | 11.3 | 18.0 | 27.0# |



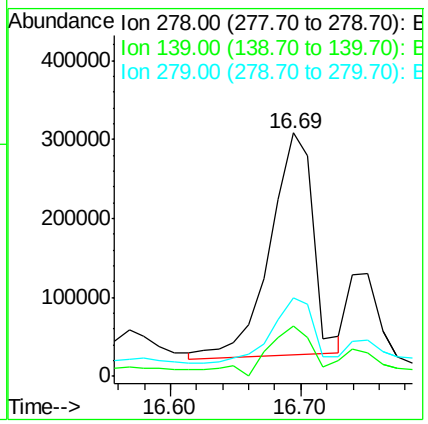


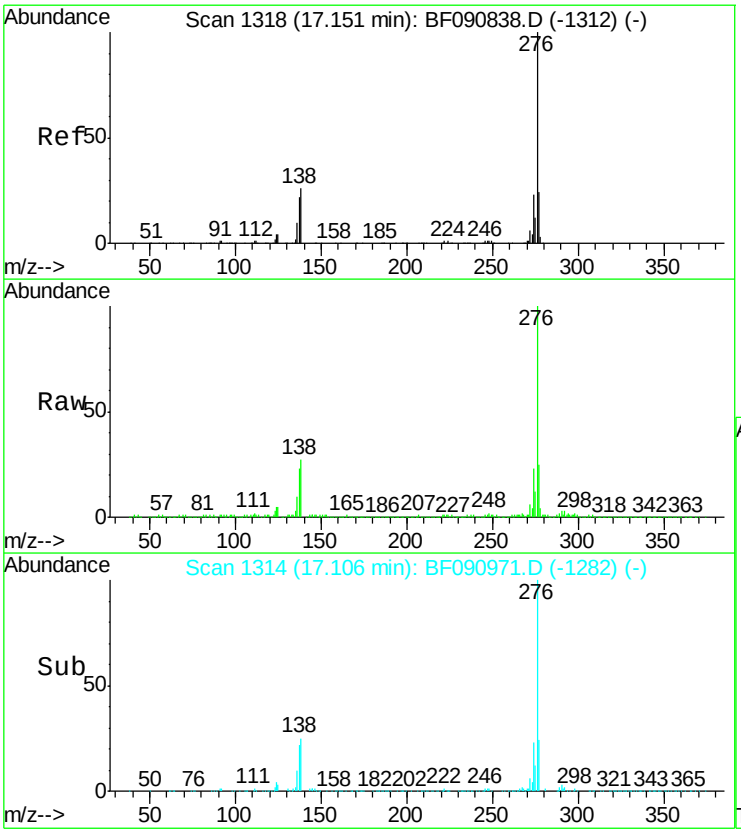

#90
Dibenzo(a,h)anthracene
Concen: 40.54 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.05 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

**Instrument :**
BNA_F
**ClientSampleId :**
SB-6(0-2)

Tgt Ion:278 Resp: 651030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.4 | 26.3 | 39.5# |
| 279 | 32.4 | 18.2 | 27.4# |




#91
Benzo(g,h,i)perylene
Concen: 126.82 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.07 min
Lab File: BF090971.D
Acq: 2 Nov 2016 00:33

Tgt Ion:276 Resp: 1918293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 17.8 | 26.6 |
| 138 | 27.0 | 34.6 | 51.8# |