Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LS-SB103

Quant Time: Apr 20 00:56:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.67 | 152 | 31471 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 136713 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.40 | 164 | 75070 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 12.22 | 188 | 154828 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.46 | 240 | 183263 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 17.13 | 264 | 181916 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.90 | 112 | 196855 | 103.13 | ng | | 0.00 |
| 7) Phenol-d6 | 6.28 | 99 | 275975 | 115.37 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 165975 | 73.59 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.38 | 330 | 80547 | 129.37 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.60 | 172 | 279091 | 53.14 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.21 | 244 | 392341 | 48.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 49) Dimethylphthalate | 10.11 | 163 | 26978 | 4.78 | ng | | 99 |
| 74) Fluoranthene | 13.70 | 202 | 25699 | 2.72 | ng | | 95 |
| 77) Pyrene | 13.98 | 202 | 29309 | 2.55 | ng | | 97 |
| 80) Benzo(a)anthracene | 15.45 | 228 | 39643 | 3.64 | ng | | 96 |
| 82) Chrysene | 15.49 | 228 | 26692 | 2.61 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 16.71 | 252 | 62703 | 5.58 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 16.71 | 252 | 62703 | 6.28 | ng | | 97 |
| 89) Benzo(a)pyrene | 17.06 | 252 | 32170 | 3.28 | ng | # | 91 |

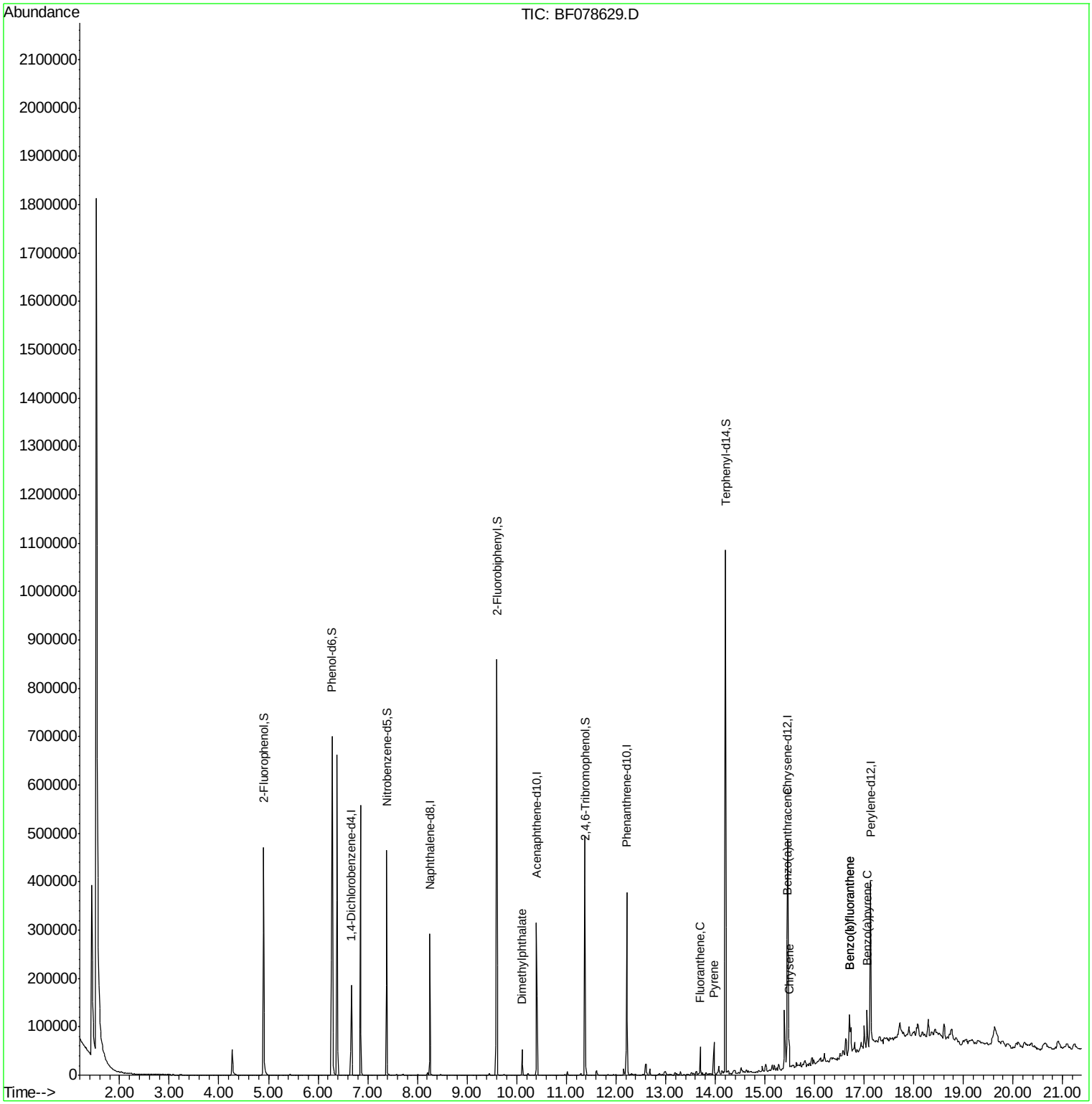
(#) = qualifier out of range (m) = manual integration (+) = signals summed

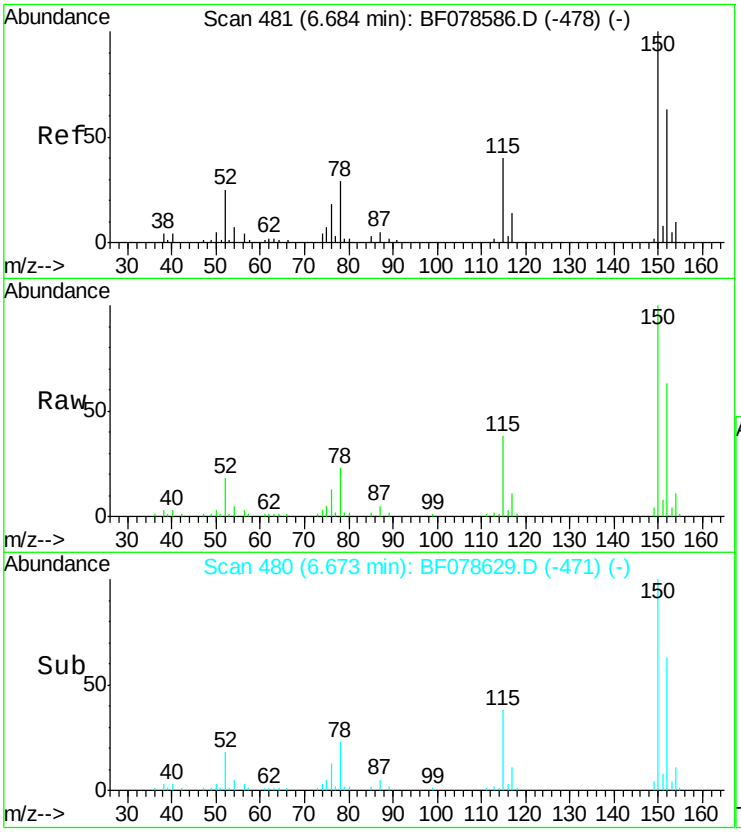
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Quant Time: Apr 20 00:56:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration



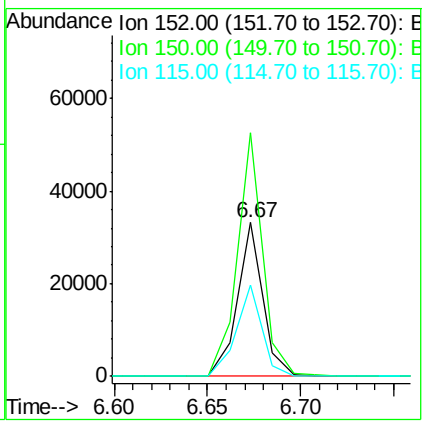


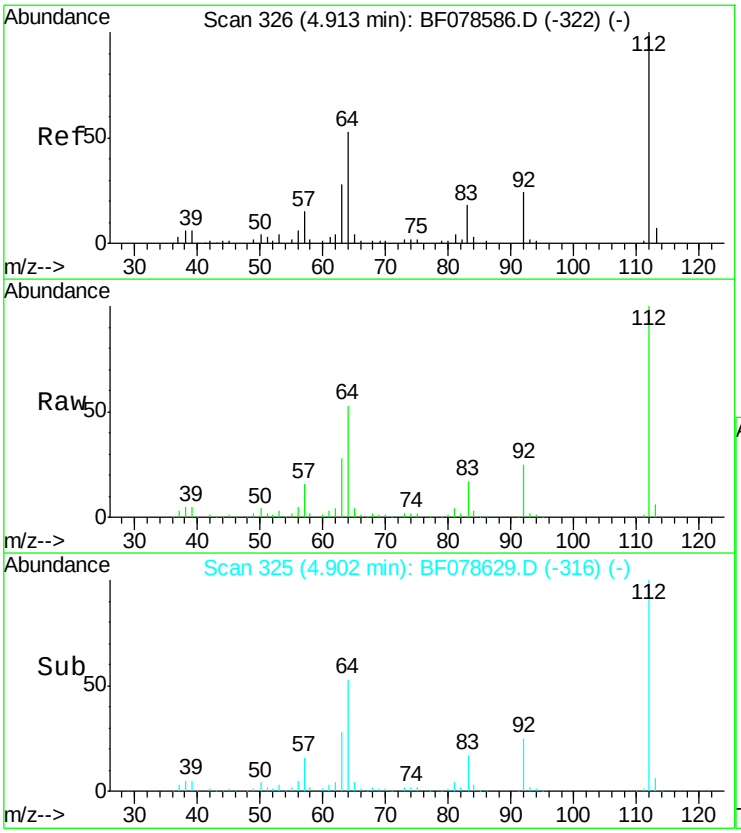

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:152 Resp: 31471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 125.9 | 188.9 |
| 115 | 59.4 | 52.7 | 79.1 |

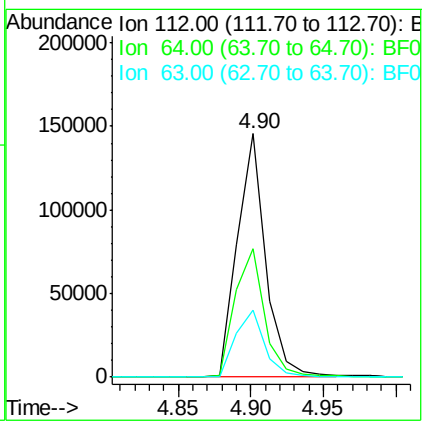


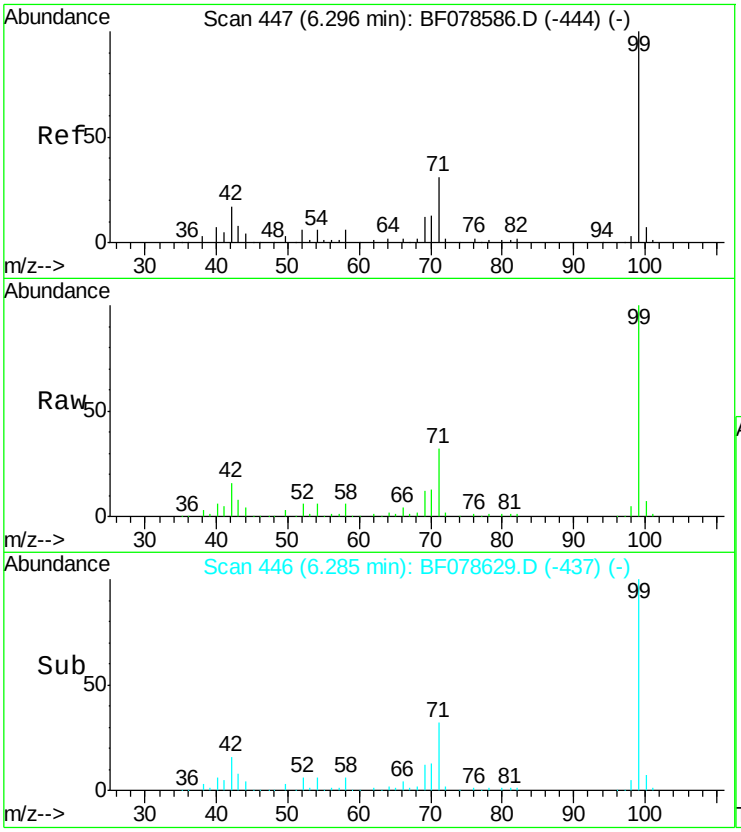




#5
2-Fluorophenol
Concen: 103.13 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:112 Resp: 196855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.8 | 39.9 | 59.9 |
| 63 | 27.5 | 20.2 | 30.4 |



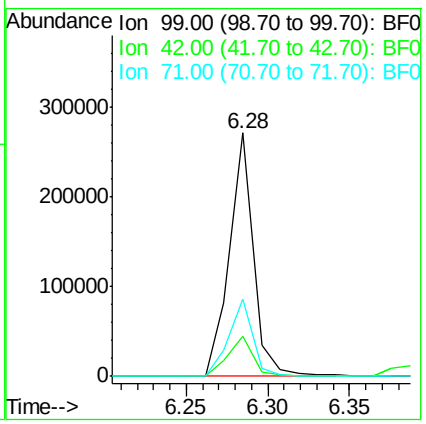


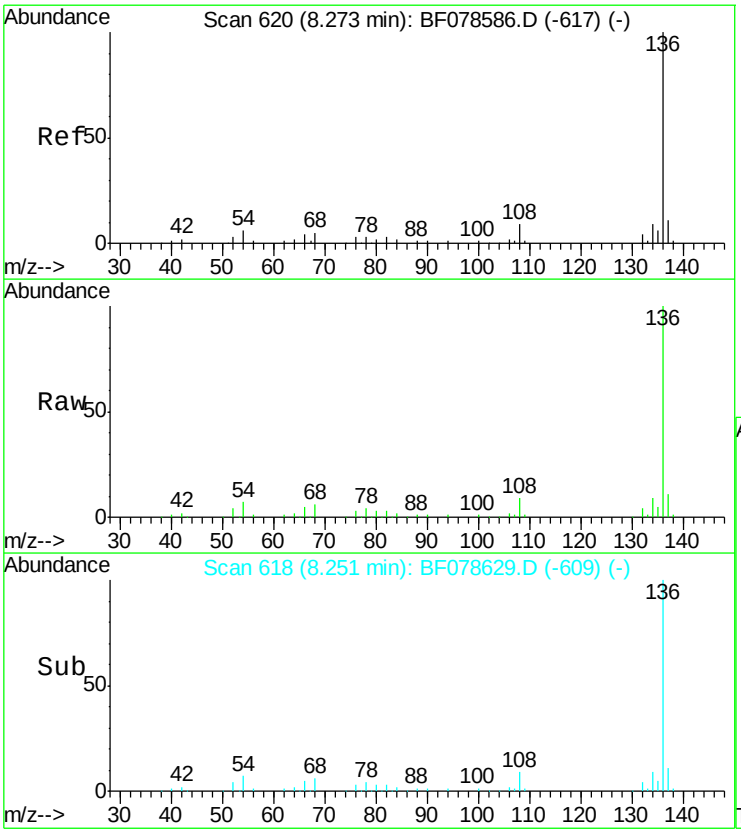

#7
Phenol-d6
Concen: 115.37 ng
RT: 6.28 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion: 99 Resp: 275975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 14.8 | 22.2 |
| 71 | 31.6 | 26.6 | 39.8 |

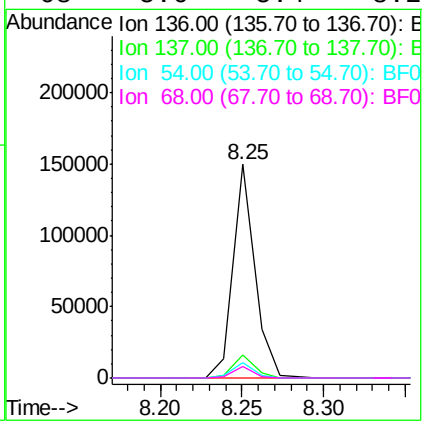


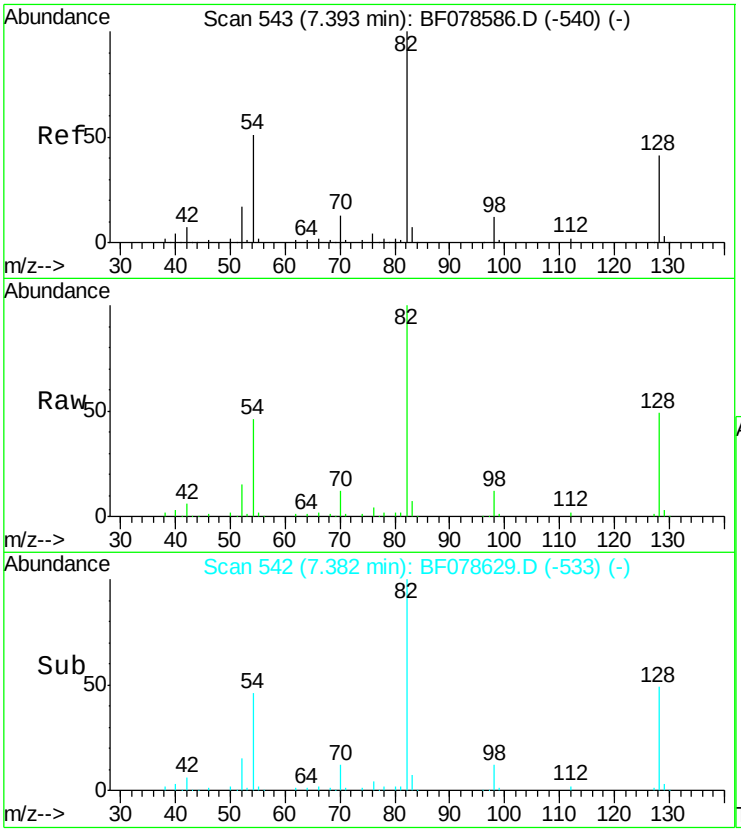




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:136 Resp: 136713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.0 | 13.4 |
| 54 | 7.1 | 7.0 | 10.6 |
| 68 | 5.6 | 5.4 | 8.2 |



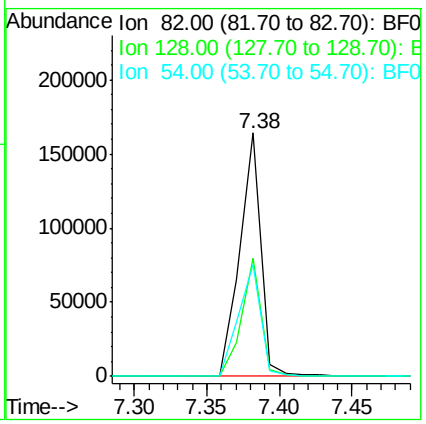


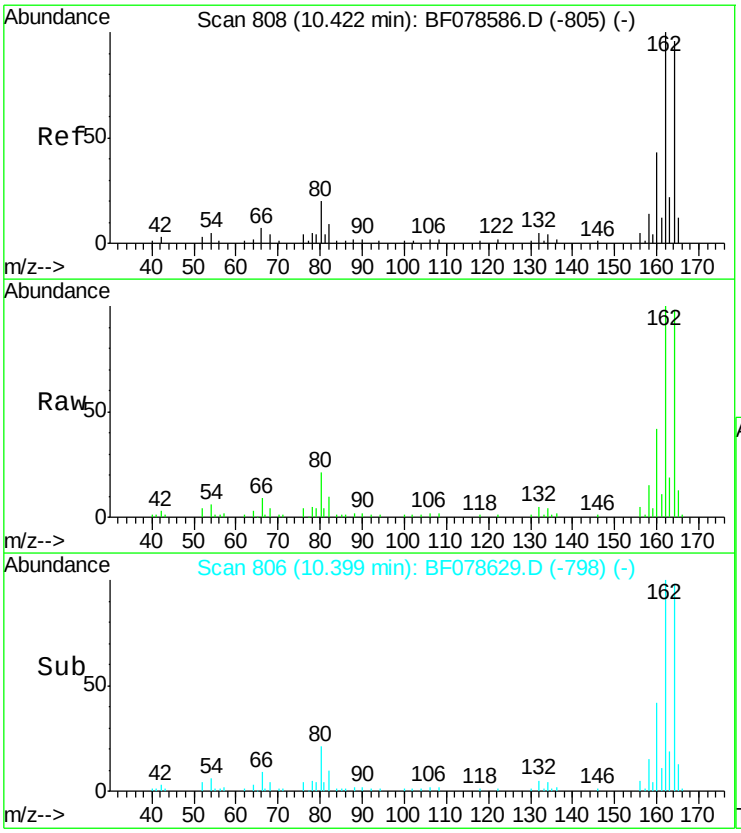

#23
Nitrobenzene-d5
Concen: 73.59 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion: 82 Resp: 165975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.8 | 31.8 | 47.8# |
| 54 | 46.0 | 41.5 | 62.3 |

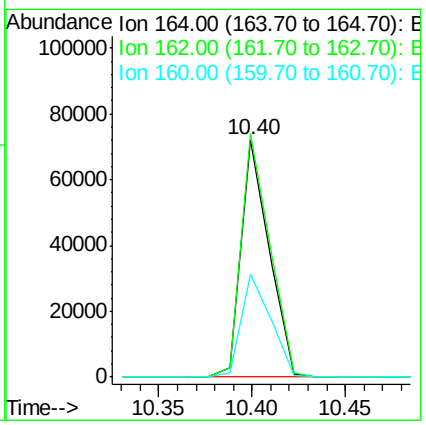


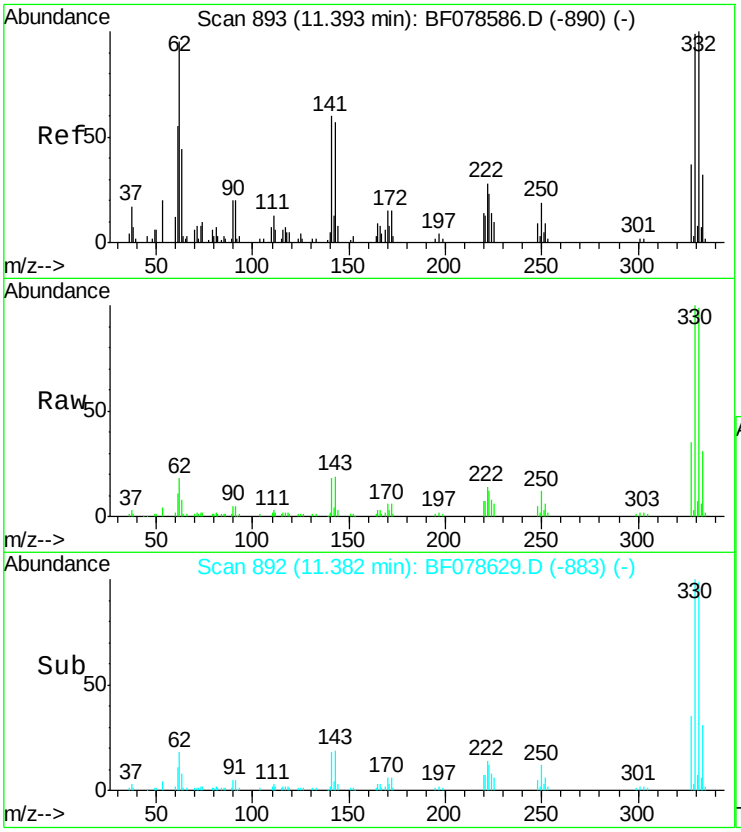




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:164 Resp: 75070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 82.2 | 123.2 |
| 160 | 43.2 | 34.7 | 52.1 |



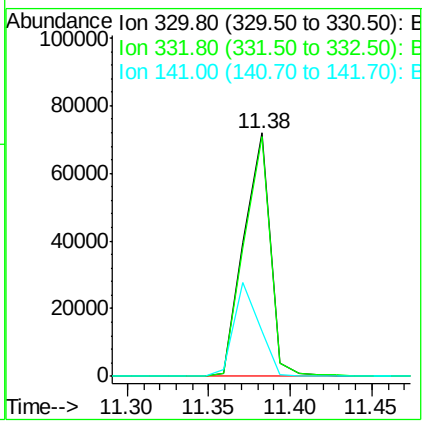


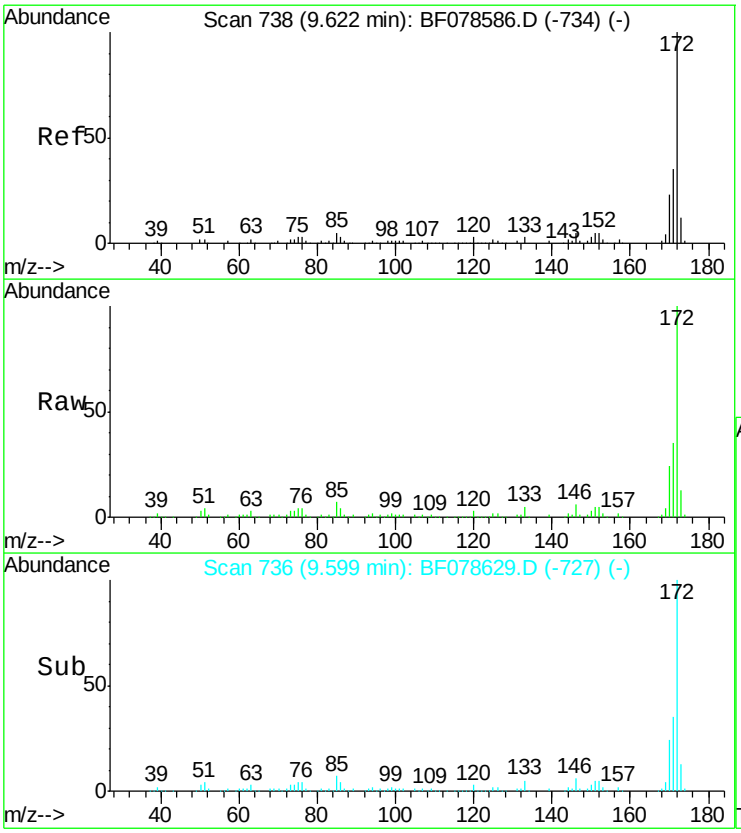

#41
2,4,6-Tribromophenol
Concen: 129.37 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:330 Resp: 80547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.1 | 78.6 | 117.8 |
| 141 | 37.4 | 31.2 | 46.8 |

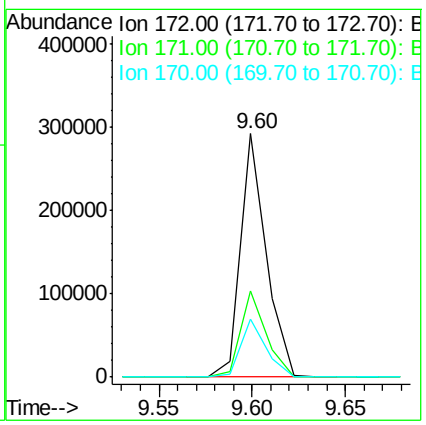


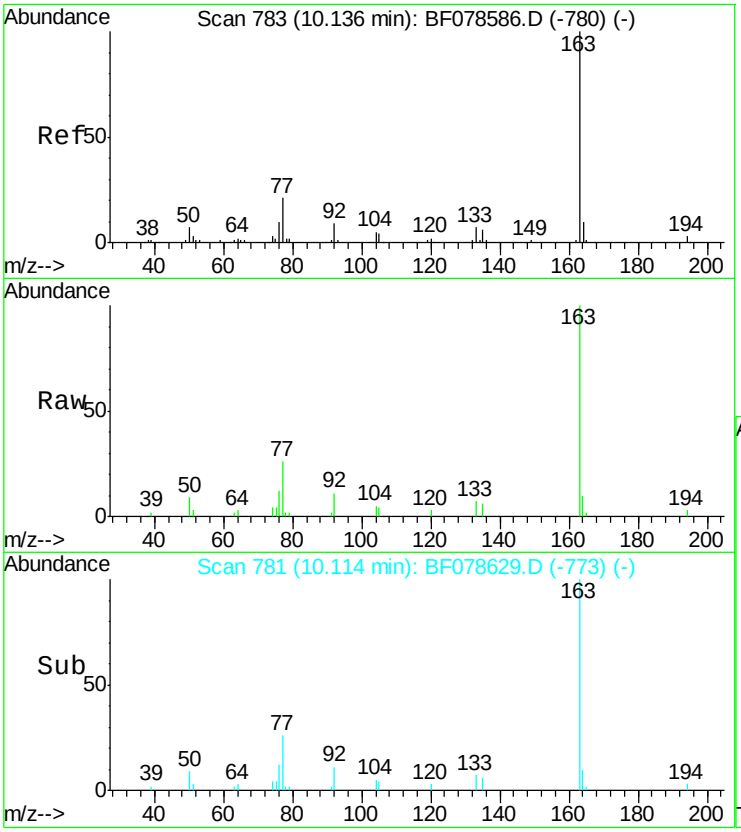




#44
2-Fluorobiphenyl
Concen: 53.14 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:172 Resp: 279091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.6 | 42.8 |
| 170 | 23.8 | 18.5 | 27.7 |



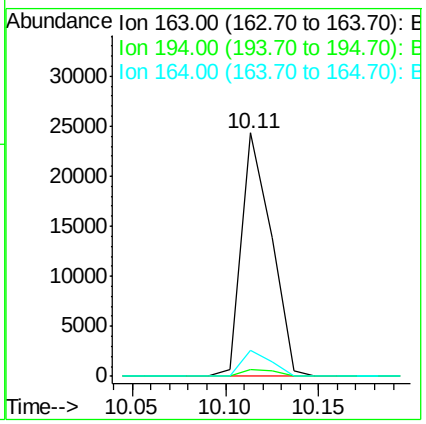


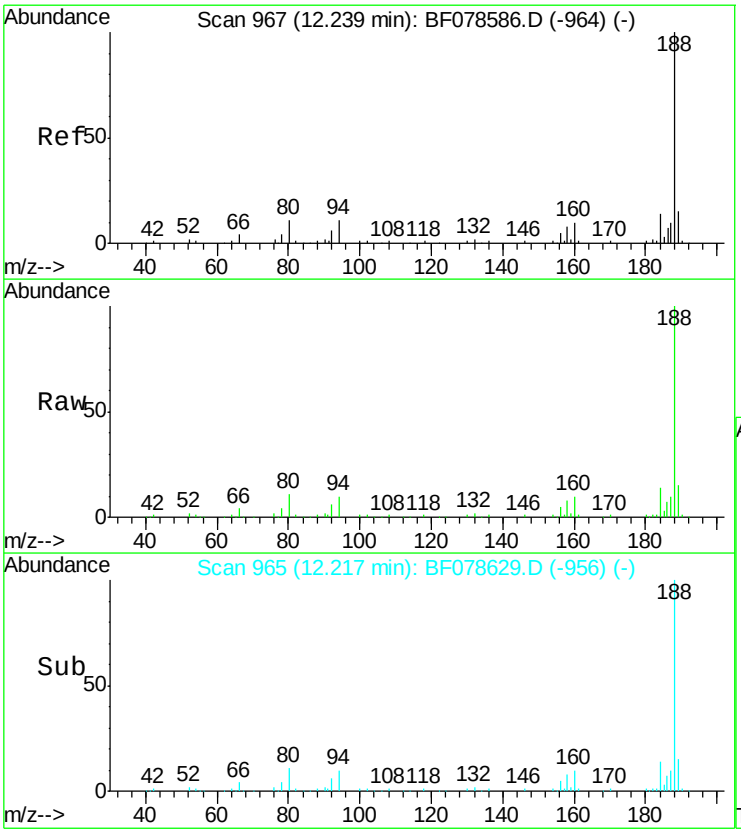

#49
Dimethylphthalate
Concen: 4.78 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:163 Resp: 26978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 2.3 | 3.5 |
| 164 | 10.5 | 8.6 | 13.0 |

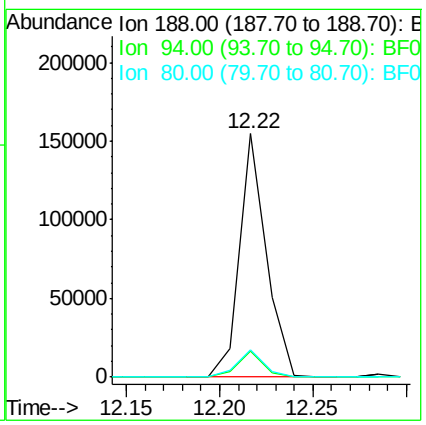


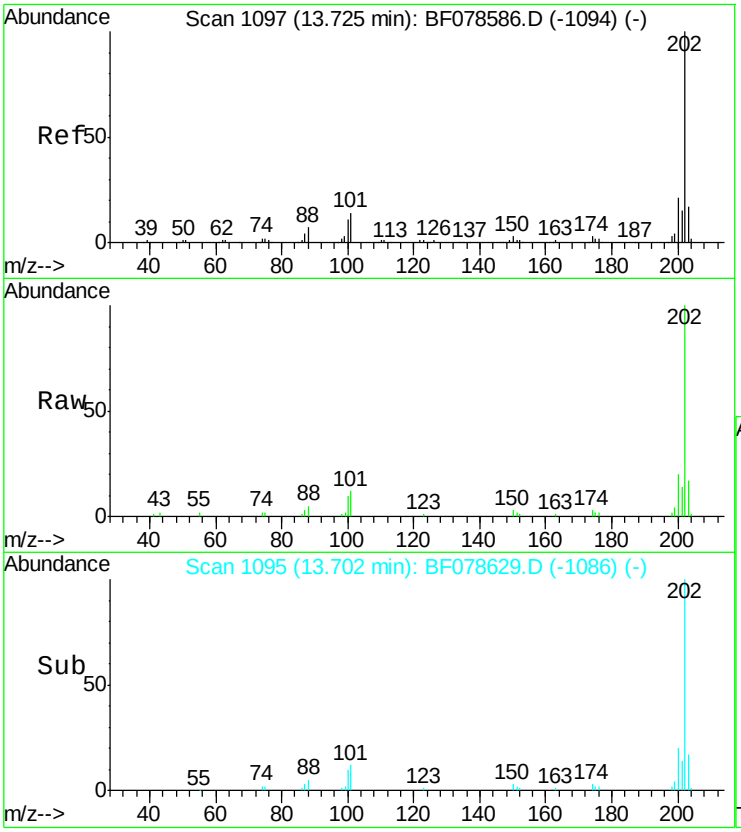




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:188 Resp: 154828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 9.0 | 13.4 |
| 80 | 11.4 | 9.5 | 14.3 |



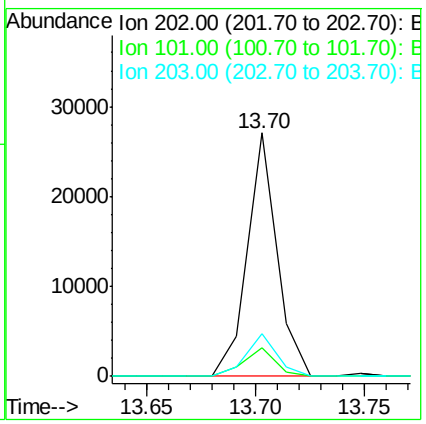


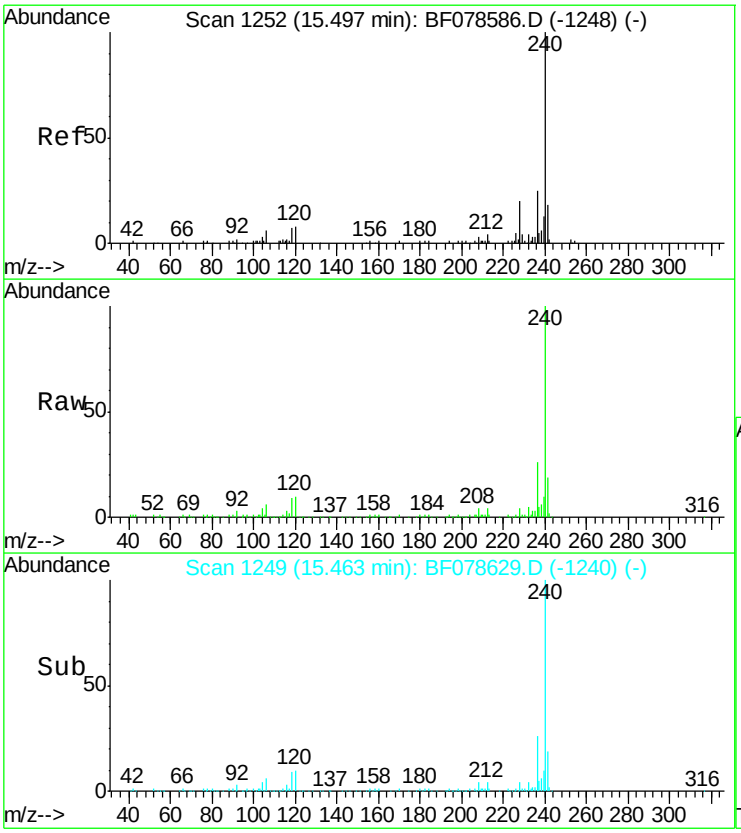

#74
Fluoranthene
Concen: 2.72 ng
RT: 13.70 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:202 Resp: 25699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 35.2 |
| 203 | 17.3 | 0.0 | 38.5 |

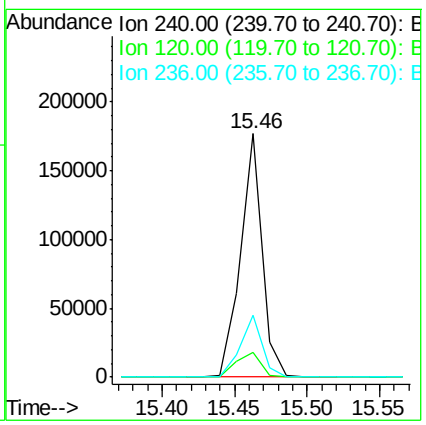


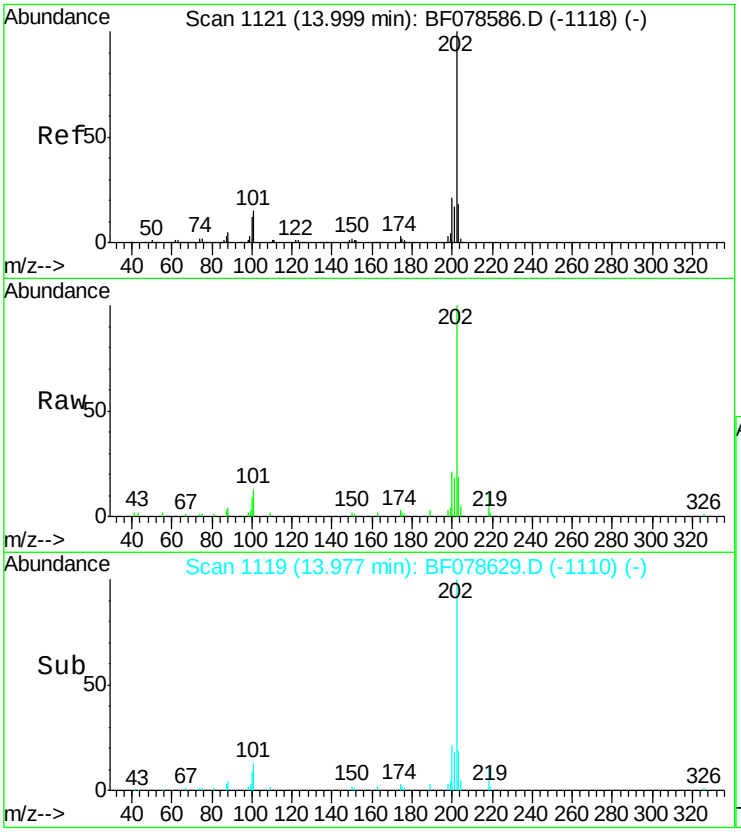




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:240 Resp: 183263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 7.1 | 10.7 |
| 236 | 25.5 | 21.4 | 32.2 |



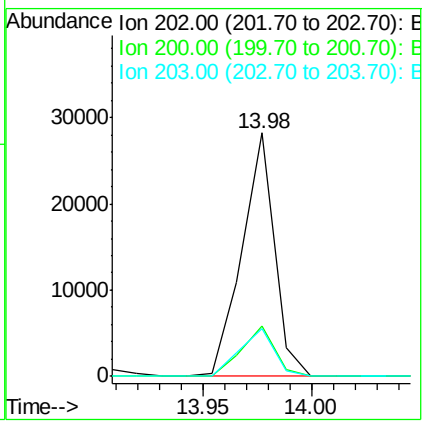


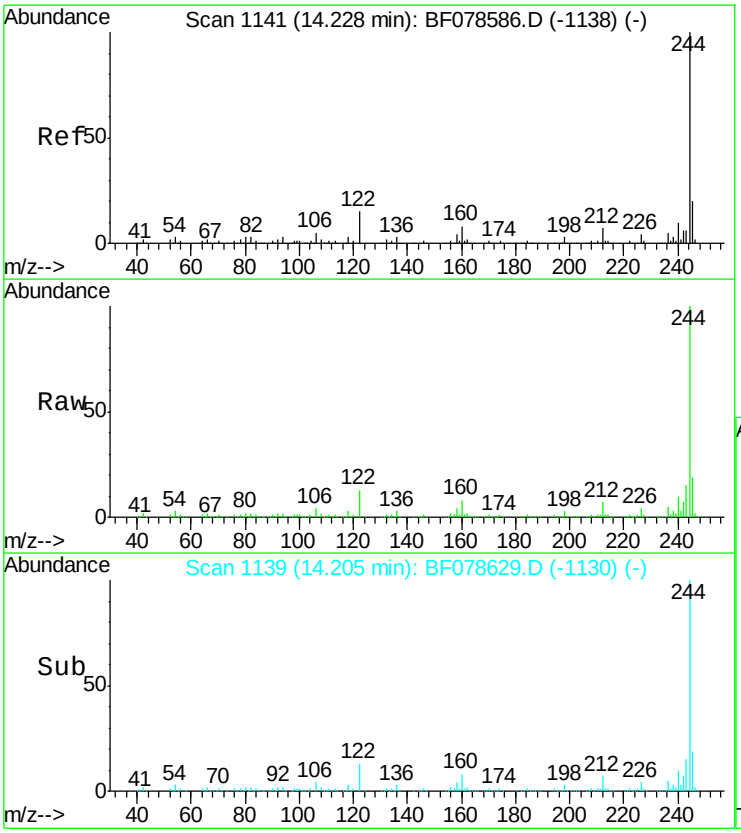

#77
Pyrene
Concen: 2.55 ng
RT: 13.98 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:202 Resp: 29309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.3 | 24.5 |
| 203 | 19.4 | 13.8 | 20.6 |

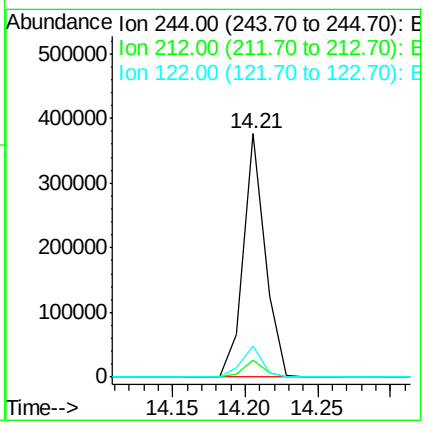


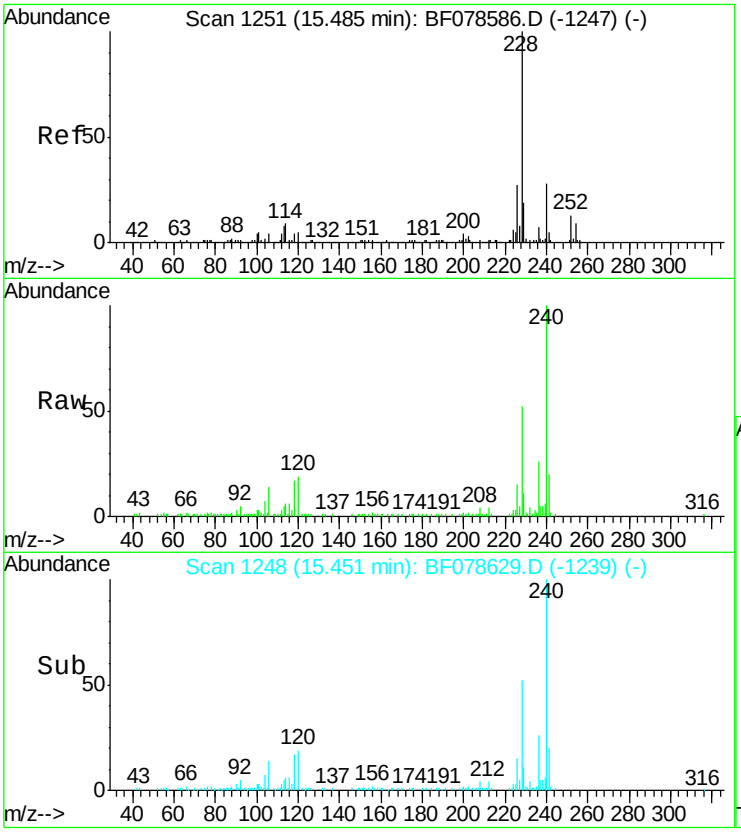




#78
Terphenyl-d14
Concen: 48.38 ng
RT: 14.21 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:244 Resp: 392341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.0 | 7.4 |
| 122 | 13.0 | 7.1 | 10.7# |



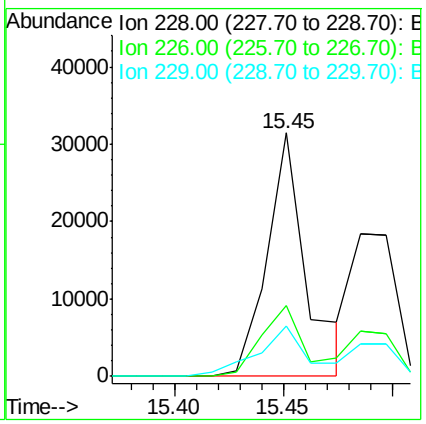


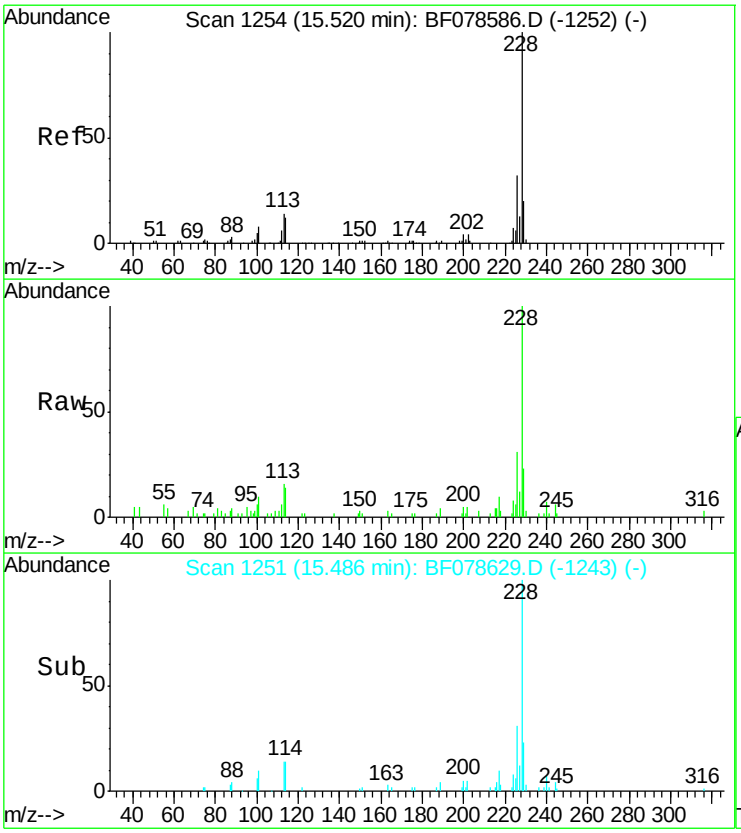

#80
Benzo(a)anthracene
Concen: 3.64 ng
RT: 15.45 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:228 Resp: 39643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 21.3 | 31.9 |
| 229 | 20.7 | 15.4 | 23.2 |

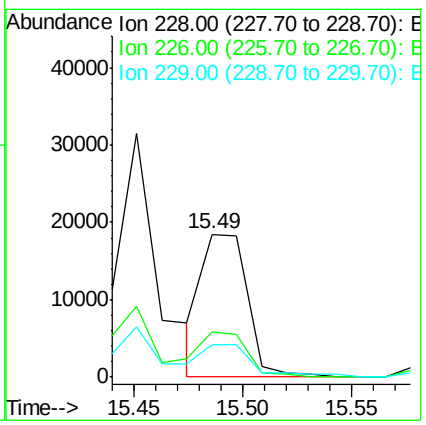


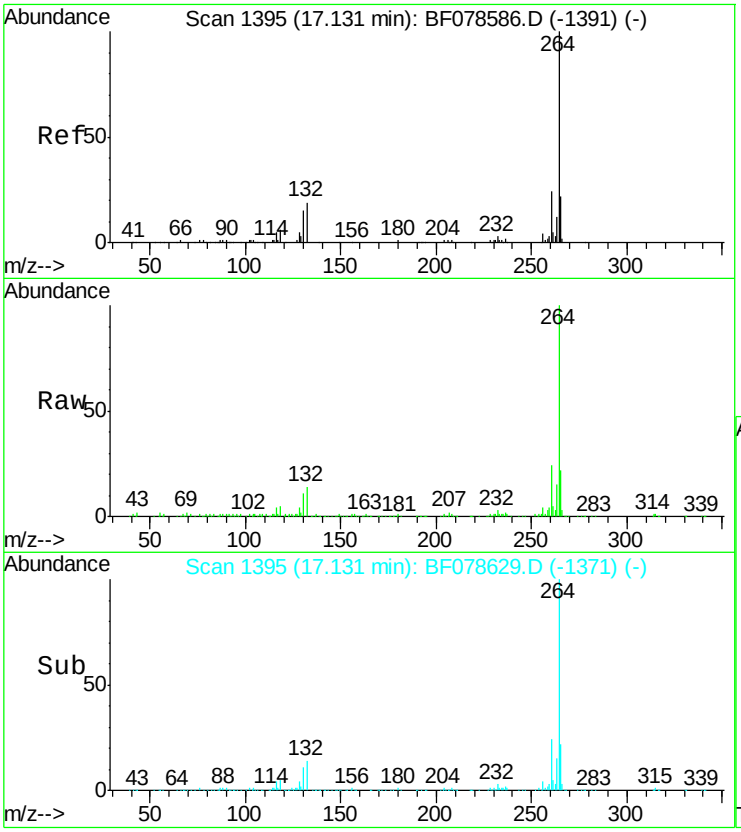




#82
Chrysene
Concen: 2.61 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:228 Resp: 26692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.5 | 24.2 | 36.4 |
| 229 | 23.0 | 15.8 | 23.8 |



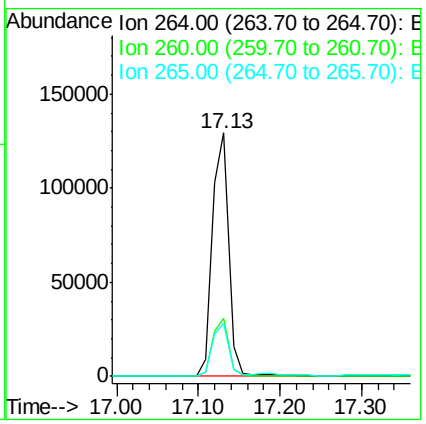


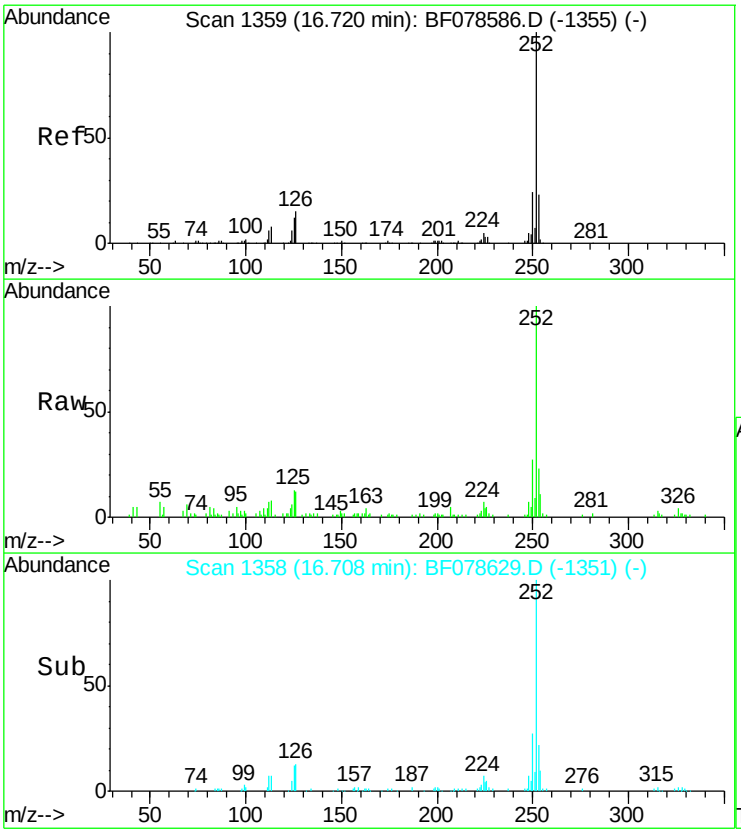

#86
Perylene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:264 Resp: 181916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.6 | 27.8 |
| 265 | 21.7 | 17.0 | 25.6 |

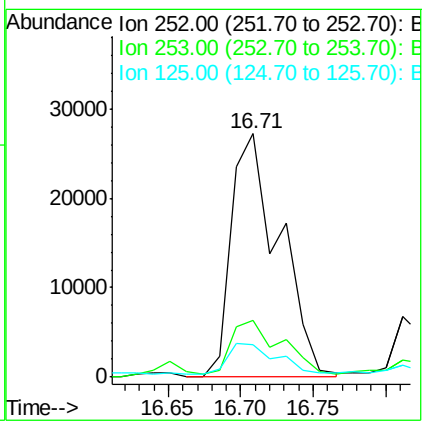


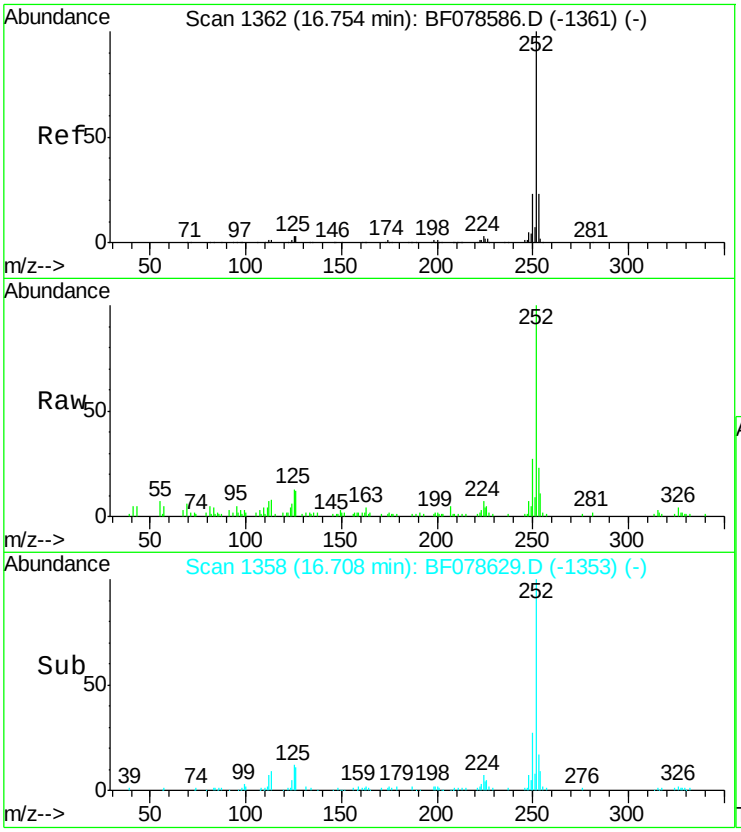




#87
Benzo(b)fluoranthene
Concen: 5.58 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:252 Resp: 62703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.2 | 25.8 |
| 125 | 13.4 | 7.0 | 10.4# |



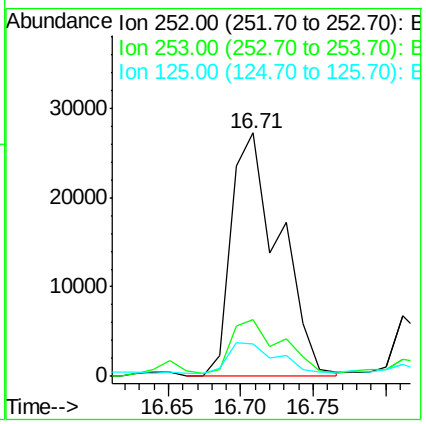


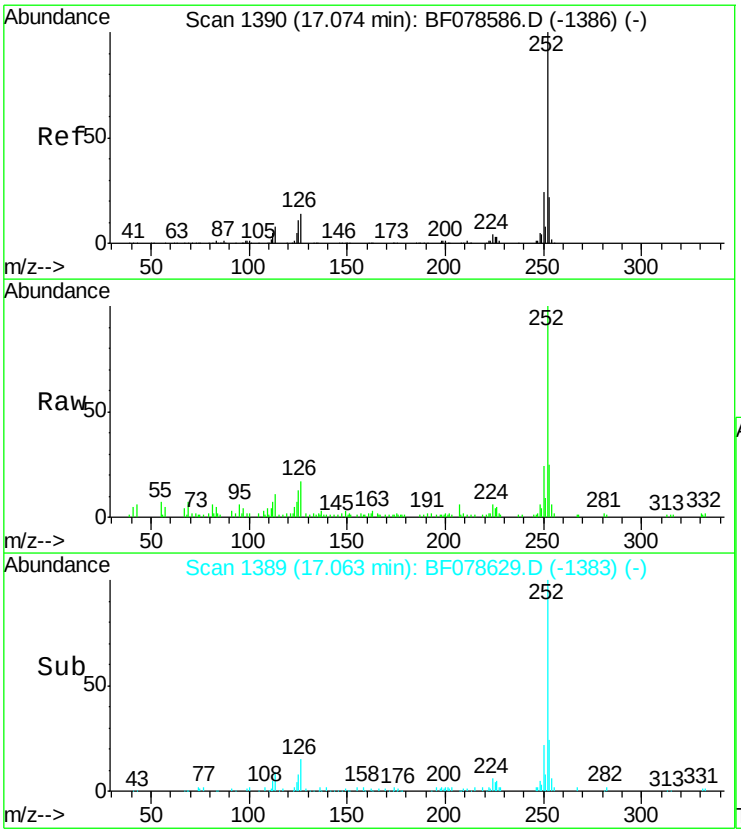

#88
Benzo(k)fluoranthene
Concen: 6.28 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.05 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

**Instrument :**
BNA_F
**ClientSampleId :**
LS-SB103

Tgt Ion:252 Resp: 62703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.5 | 26.3 |
| 125 | 13.4 | 11.6 | 17.4 |




#89
Benzo(a)pyrene
Concen: 3.28 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BF078629.D
Acq: 18 Apr 2015 7:35

Tgt Ion:252 Resp: 32170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 16.8 | 25.2 |
| 125 | 13.3 | 7.4 | 11.0# |