Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101102.D
Acq On : 4 Dec 2017 17:09
Operator : SJ/JU
Sample : I6701-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 05 00:20:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 47731 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 177404 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 75353 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.38 | 188 | 115089 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 113726 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 109926 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 34140 | 11.82 | ng | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 24750 | 7.06 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 53857 | 18.11 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.67 | 330 | 19243 | 21.26 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 128429 | 23.32 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 88005 | 16.93 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70 | 7171 | 3.036 | ng | # 82 |
| 25) Isophorone | 7.41 | 82 | 53856 | 10.602 | ng | # 64 |
| 50) 2,6-Dinitrotoluene | 9.89 | 165 | 9832 | 7.681 | ng | # 26 |

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101102.D
Acq On : 4 Dec 2017 17:09
Operator : SJ/JU
Sample : I6701-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 05 00:20:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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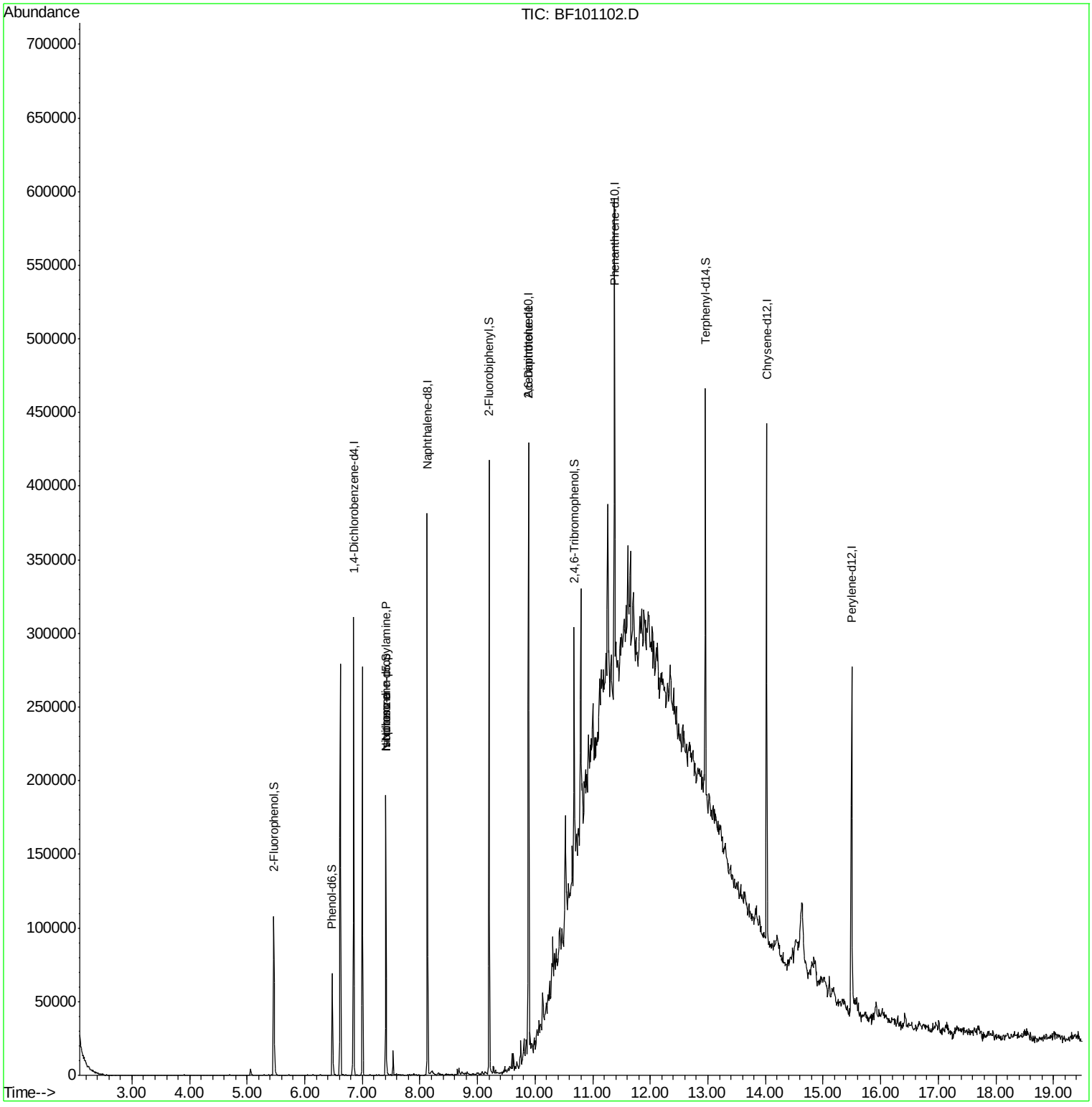
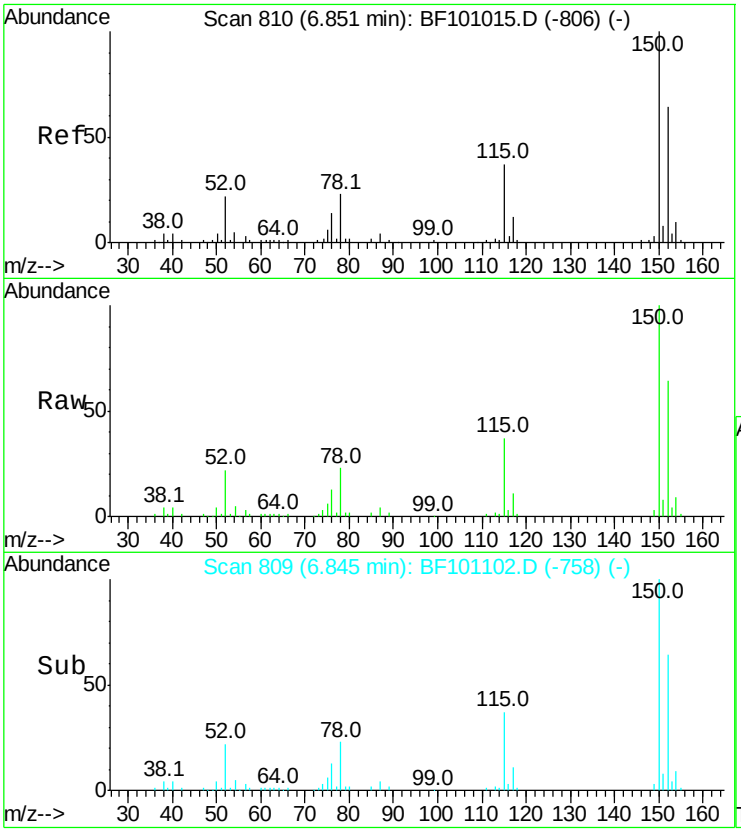
Response via : Initial Calibration



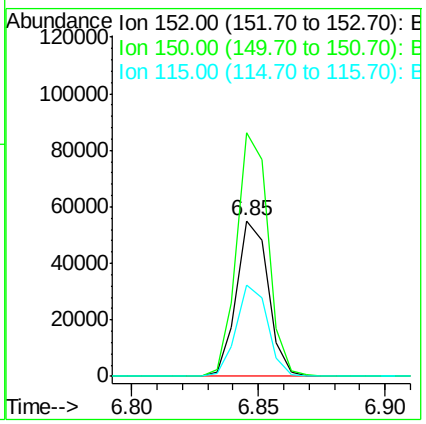


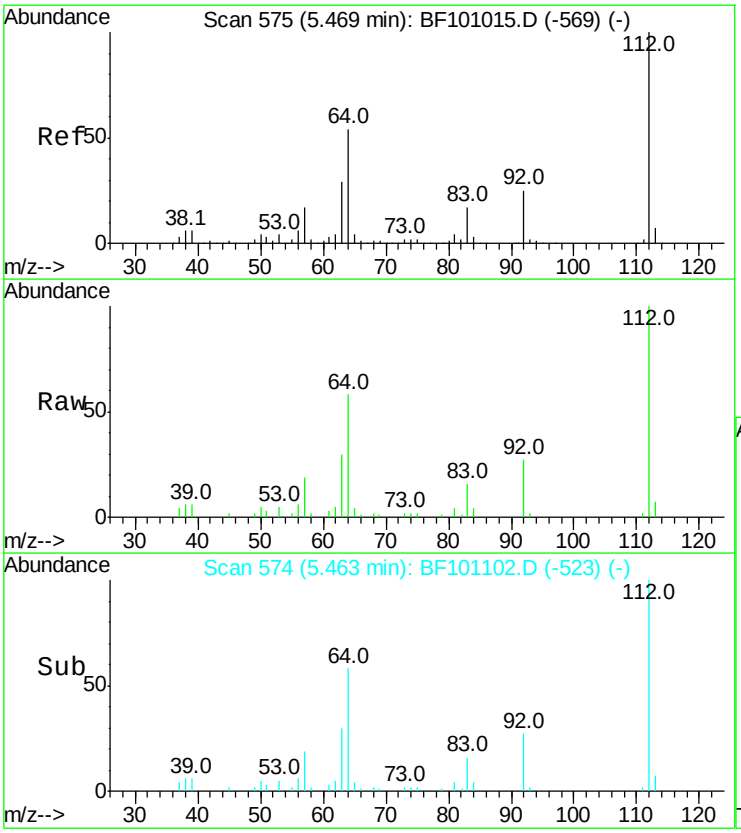

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion:152 Resp: 47731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 124.6 | 186.8 |
| 115 | 58.5 | 50.1 | 75.1 |

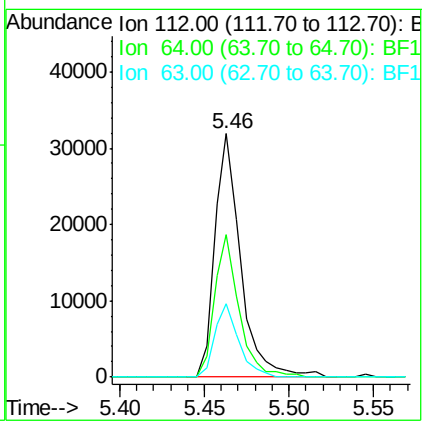


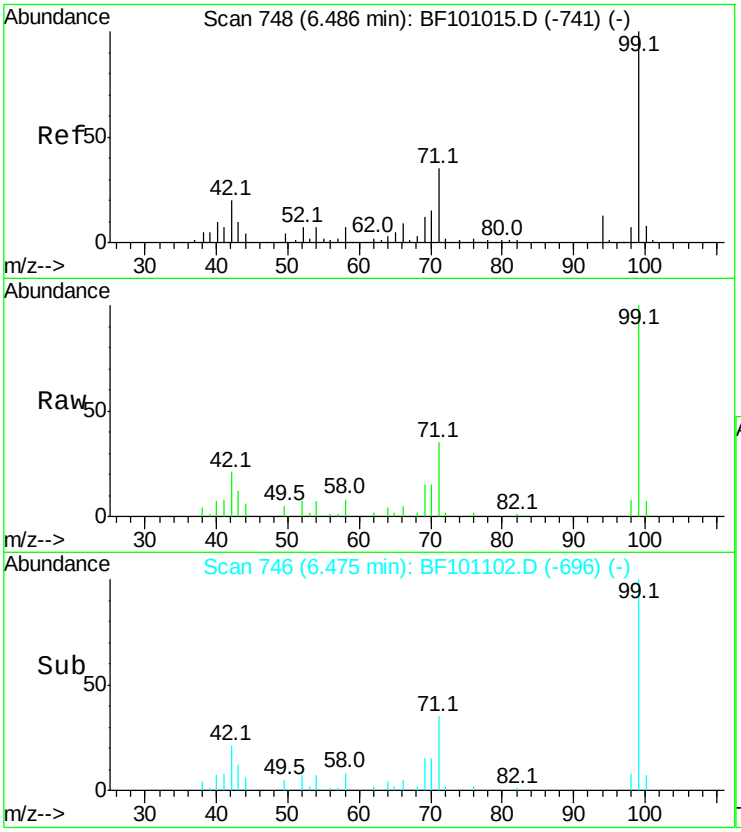




#5
2-Fluorophenol
Concen: 11.819 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:112 Resp: 34140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.3 | 47.9 | 71.9 |
| 63 | 29.9 | 23.7 | 35.5 |



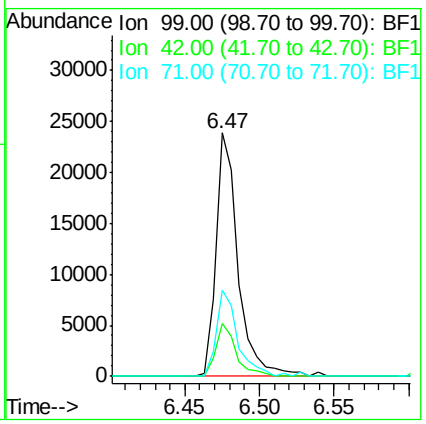


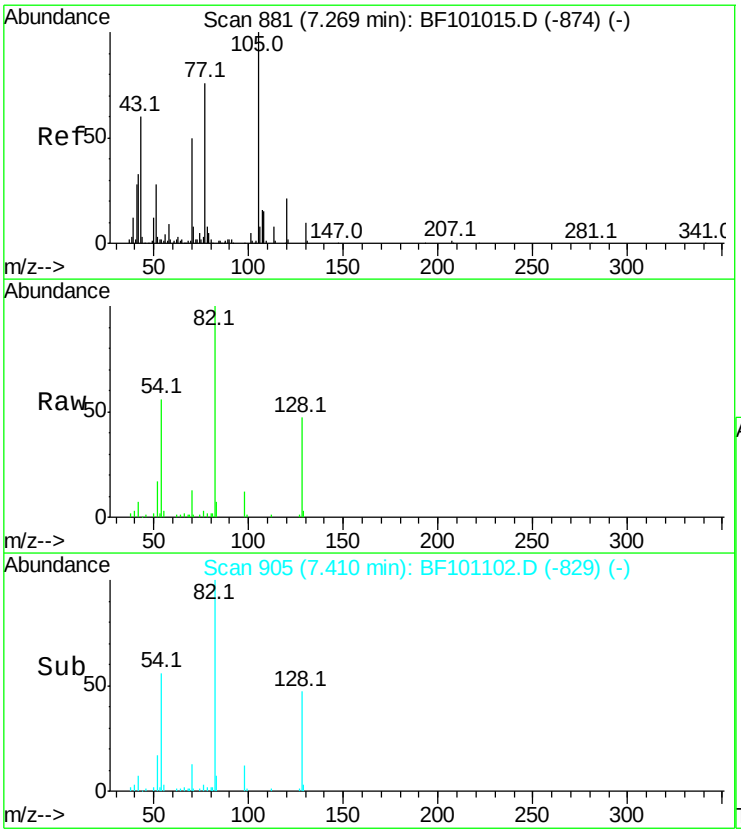

#7
Phenol-d6
Concen: 7.057 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion: 99 Resp: 24750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 14.5 | 21.7 |
| 71 | 35.4 | 25.4 | 38.0 |

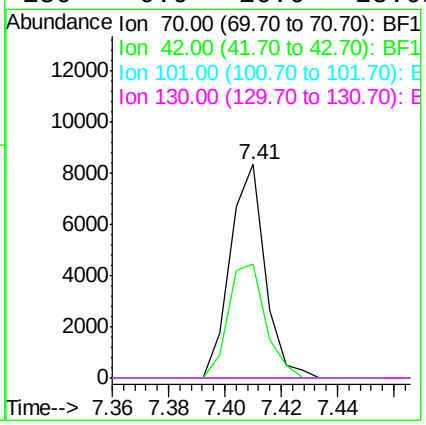


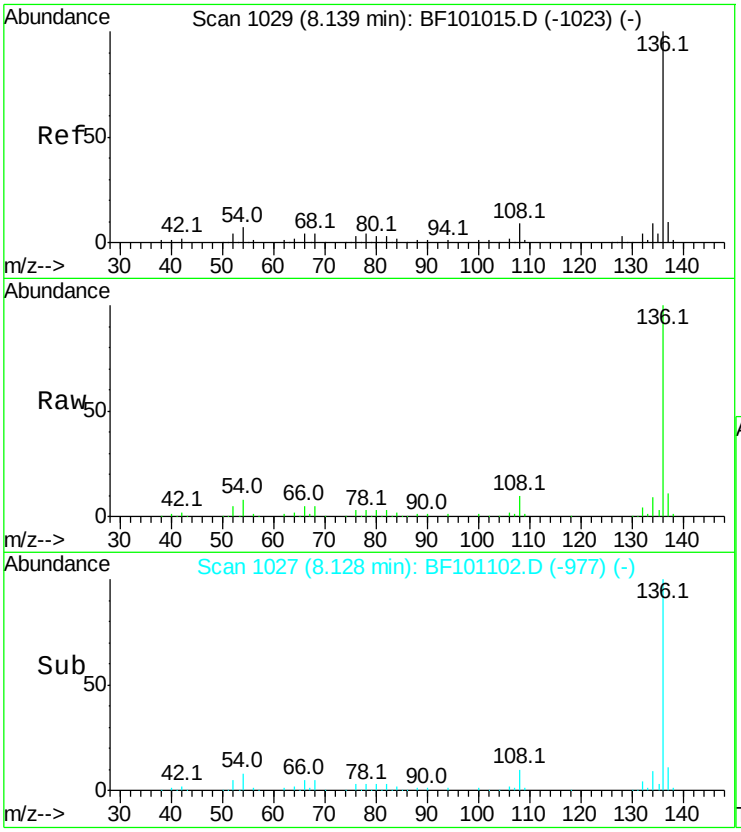




#19
n-Nitroso-di-n-propylamine
Concen: 3.036 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion: 70 Resp: 7171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.6 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 0.0 | 16.6 | 25.0# |



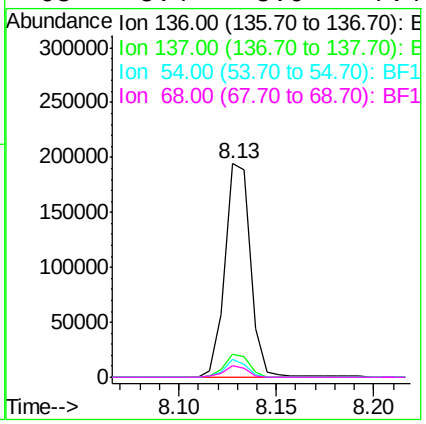


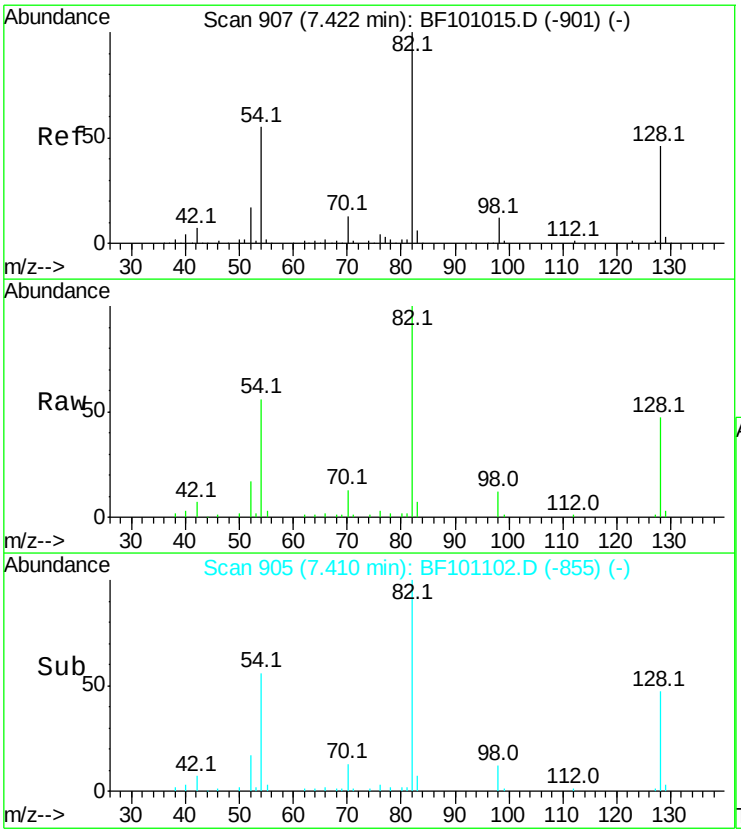

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion:136 Resp: 177404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.9 | 13.3 |
| 54 | 8.4 | 6.6 | 9.8 |
| 68 | 5.4 | 5.0 | 7.4 |

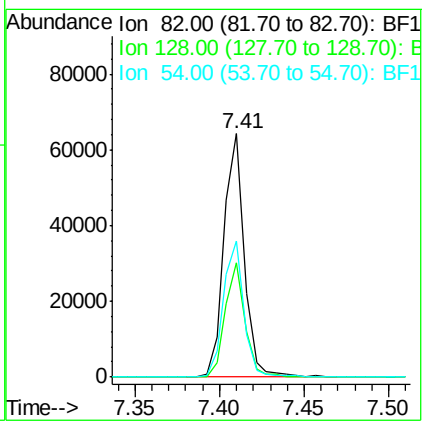


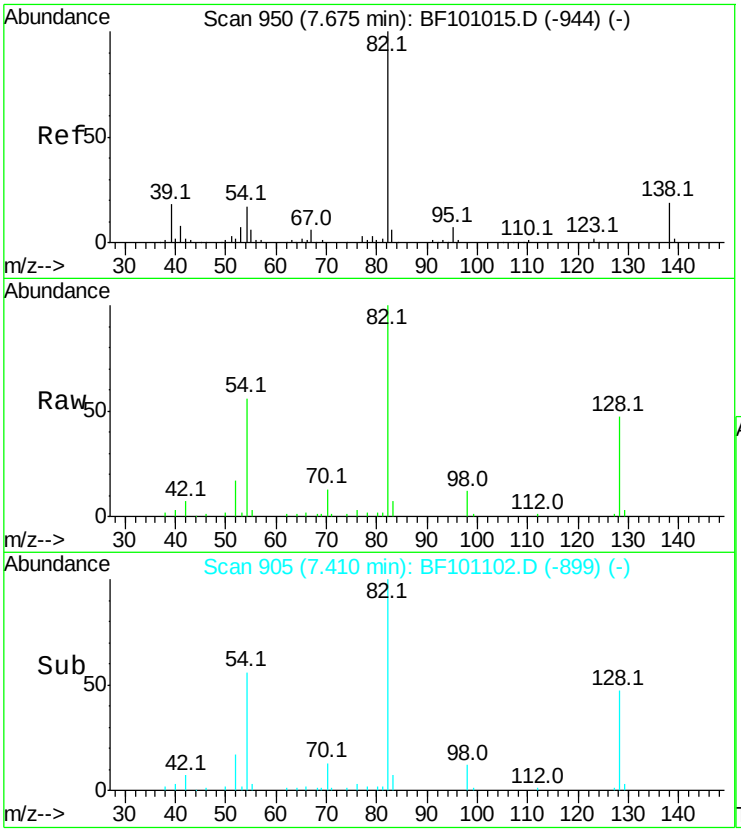




#23
Nitrobenzene-d5
Concen: 18.110 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion: 82 Resp: 53857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.2 | 36.1 | 54.1 |
| 54 | 55.9 | 41.4 | 62.2 |



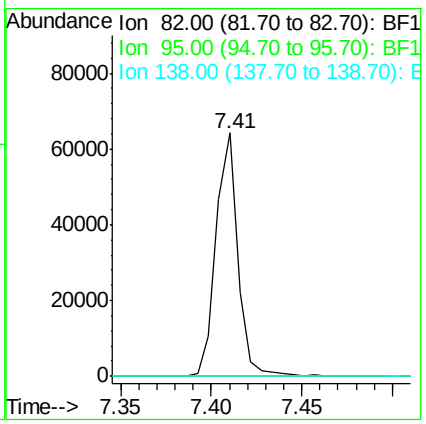


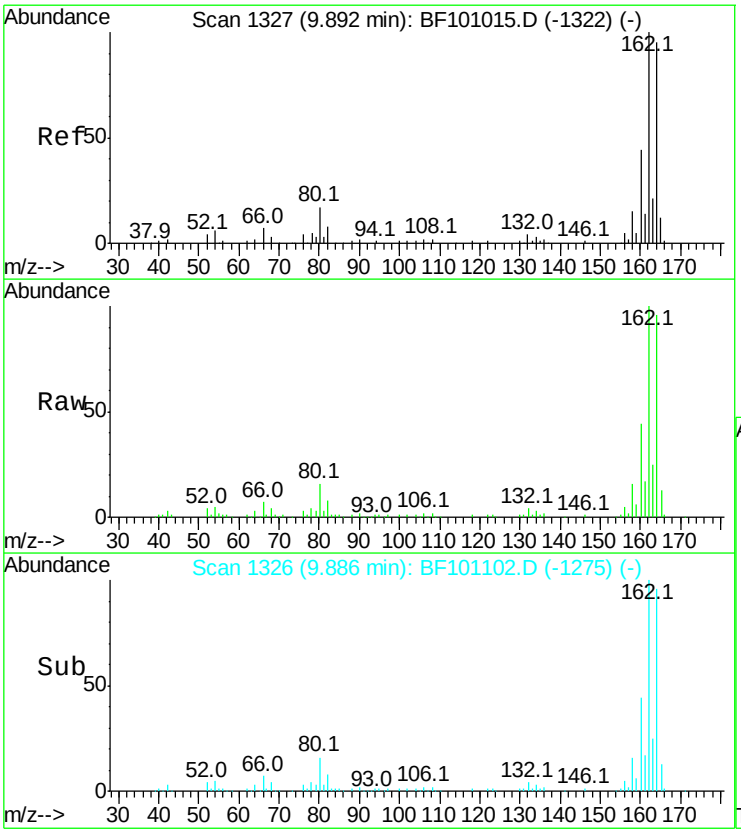

#25
Isophorone
Concen: 10.602 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion: 82 Resp: 53856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

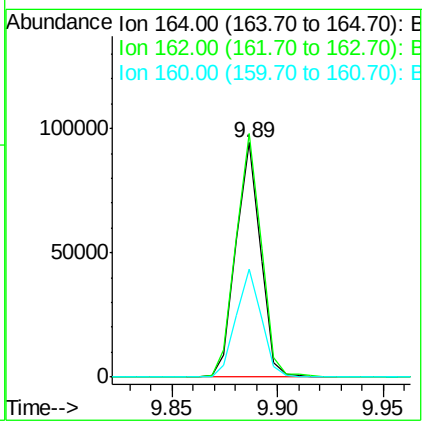


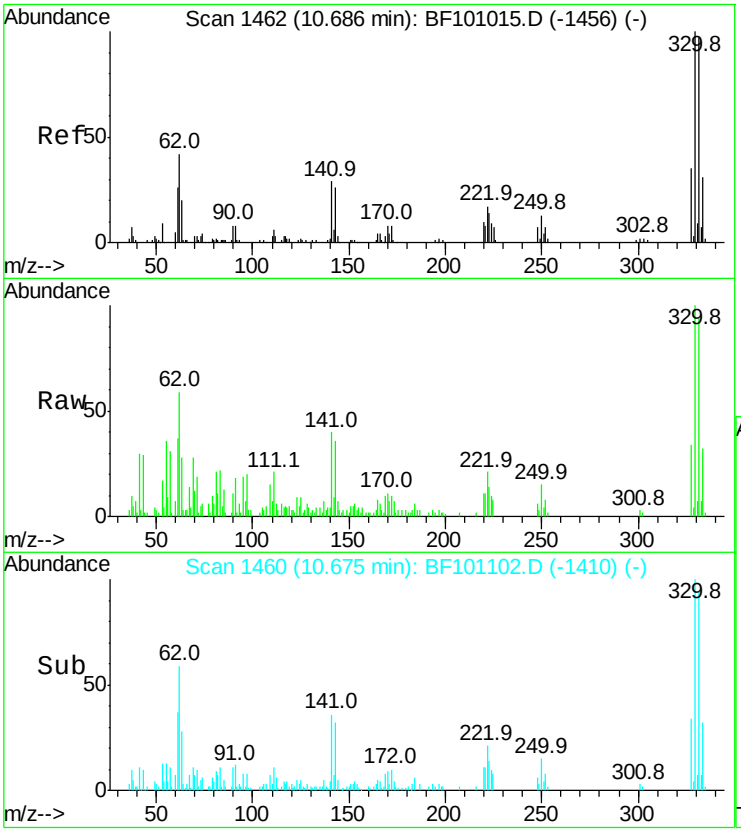




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:164 Resp: 75353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 86.1 | 129.1 |
| 160 | 46.2 | 38.3 | 57.5 |



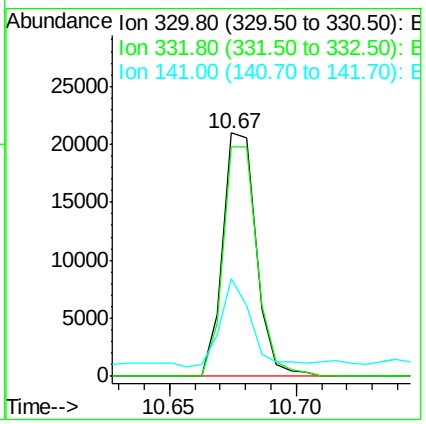


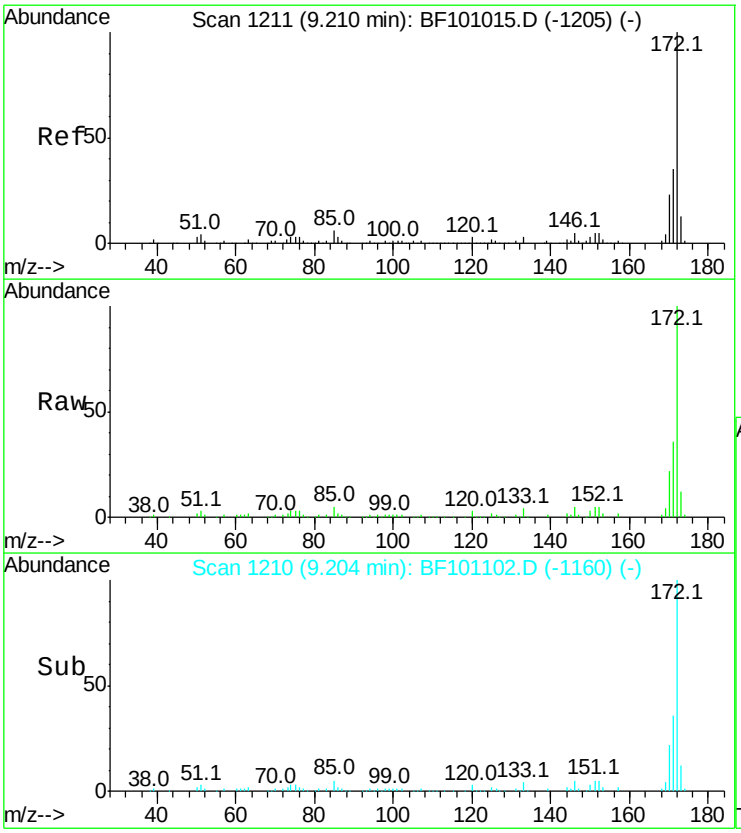

#41
2,4,6-Tribromophenol
Concen: 21.258 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion:330 Resp: 19243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.0 | 115.6 |
| 141 | 33.0 | 29.9 | 44.9 |

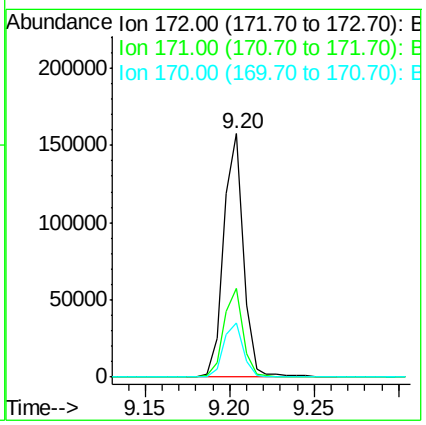


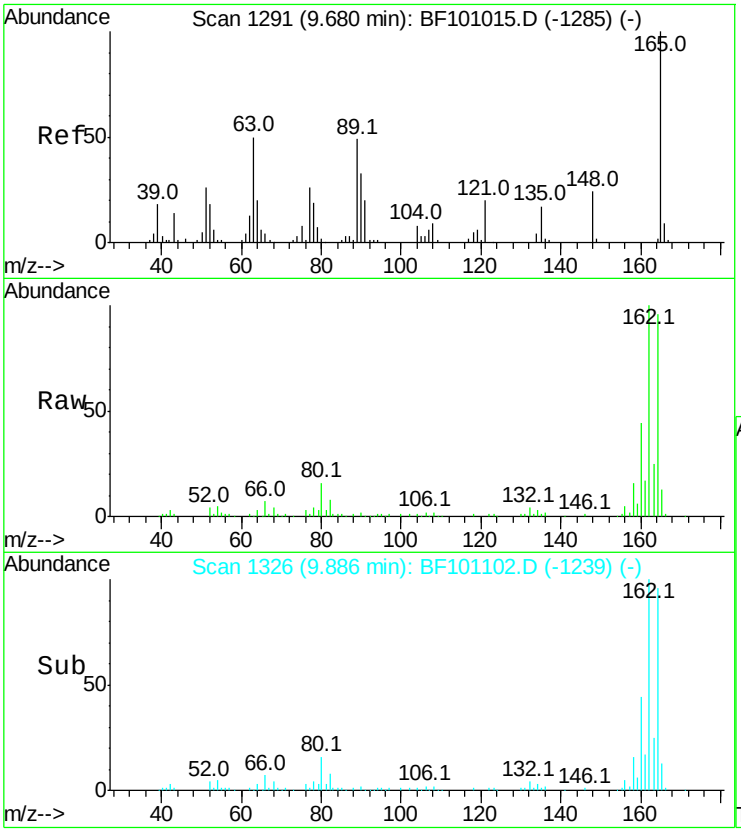




#44
2-Fluorobiphenyl
Concen: 23.319 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:172 Resp: 128429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.7 | 44.5 |
| 170 | 22.0 | 19.6 | 29.4 |



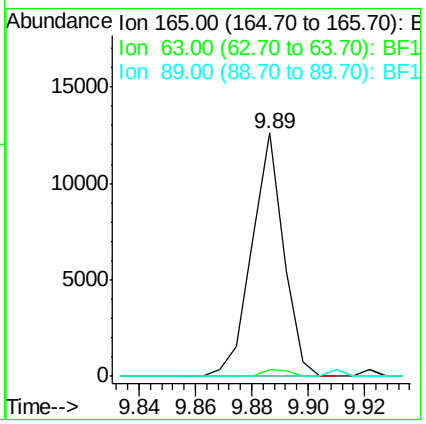


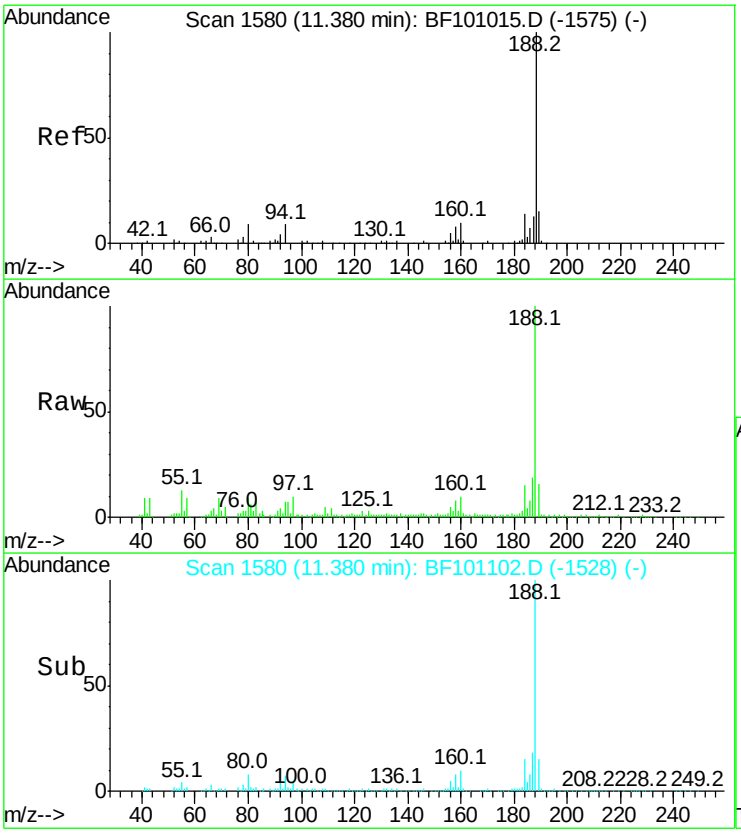

#50
2,6-Dinitrotoluene
Concen: 7.681 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion:165 Resp: 9832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.9 | 44.7 | 67.1# |
| 89 | 0.0 | 44.0 | 66.0# |

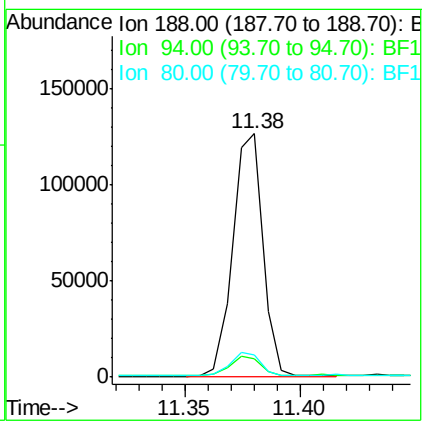


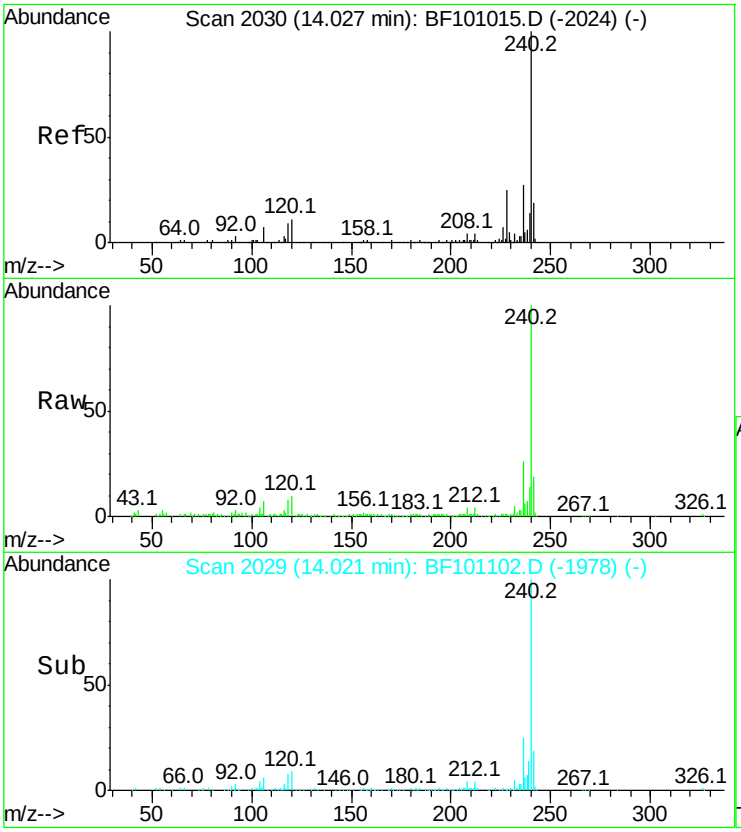




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:188 Resp: 115089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 8.5 | 12.7# |
| 80 | 9.0 | 9.2 | 13.8# |



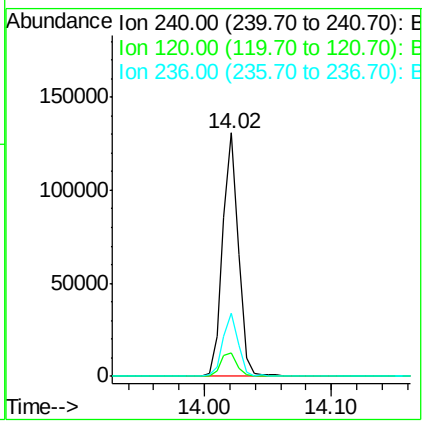


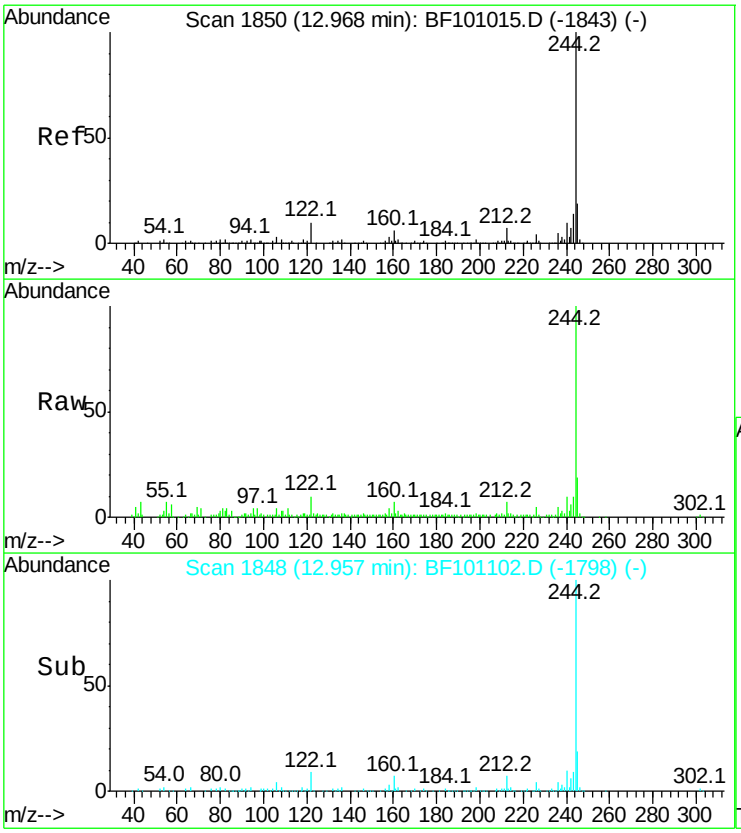

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

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

Tgt Ion:240 Resp: 113726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 9.5 | 14.3 |
| 236 | 25.7 | 20.7 | 31.1 |

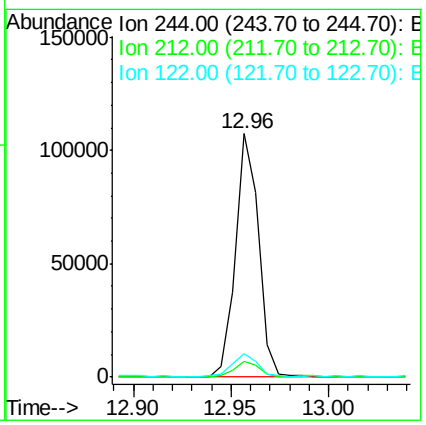


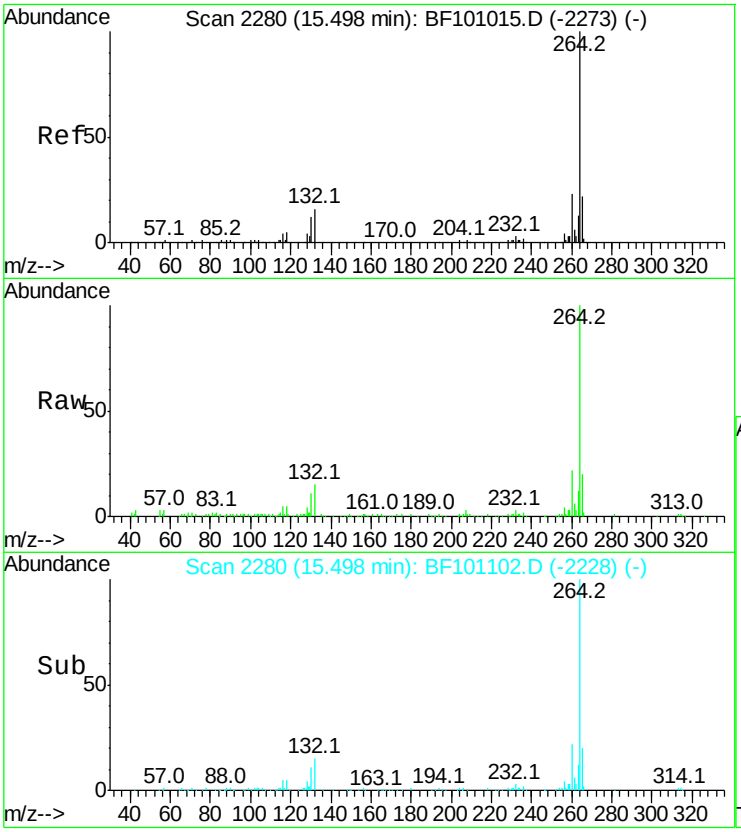




#78
Terphenyl-d14
Concen: 16.926 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:244 Resp: 88005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.0 |
| 122 | 9.6 | 11.0 | 16.4# |

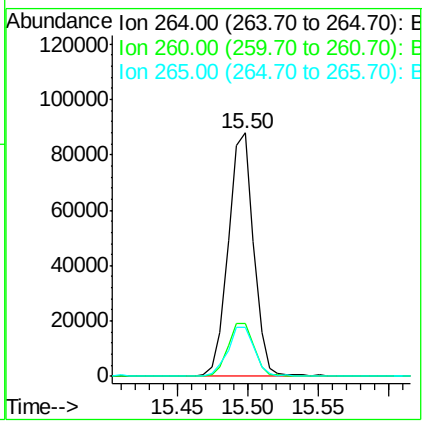





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:264 Resp: 109926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.0 | 19.2 | 28.8 |
| 265 | 20.2 | 17.5 | 26.3 |




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