Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102110.D
Acq On : 16 Jan 2018 15:36
Operator : SJ/JU
Sample : J1113-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-15-2.5-3.0

Quant Time: Jan 17 00:56:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 171972 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 697495 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 295485 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.23 | 188 | 447986 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.86 | 240 | 291239 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.28 | 264 | 261626 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 1230741 | 101.06 | ng | 0.01 |
| 7) Phenol-d6 | 6.36 | 99 | 1468433 | 101.06 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 960836 | 80.95 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 288762 | 111.98 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 1528498 | 80.81 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.82 | 244 | 998581 | 71.19 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.37 | 94 | 39924 | 2.431 | ng | # 75 |
| 49) Dimethylphthalate | 9.47 | 163 | 155624 | 6.565 | ng | 99 |

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

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Data File : BF102110.D
Acq On : 16 Jan 2018 15:36
Operator : SJ/JU
Sample : J1113-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

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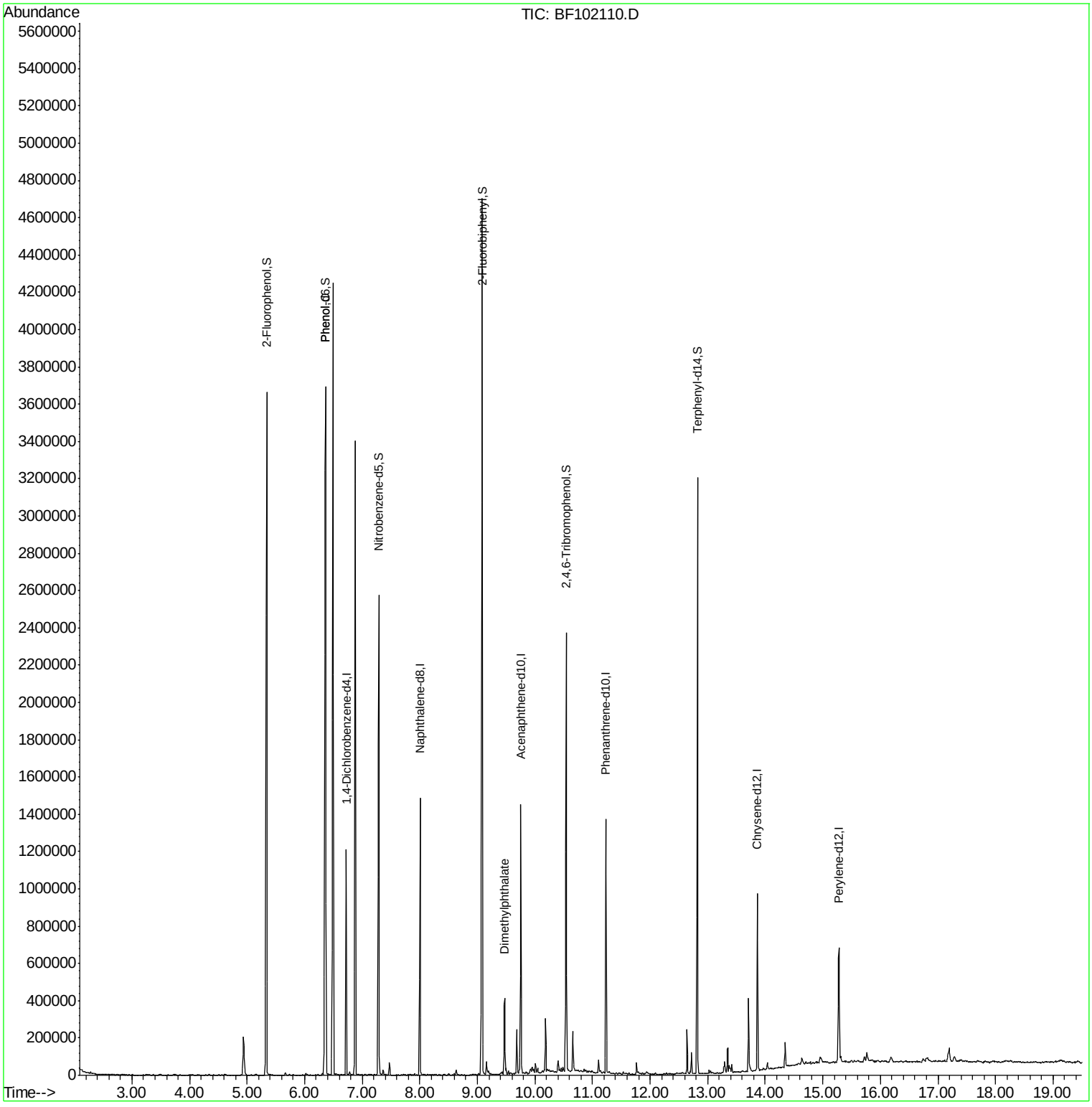
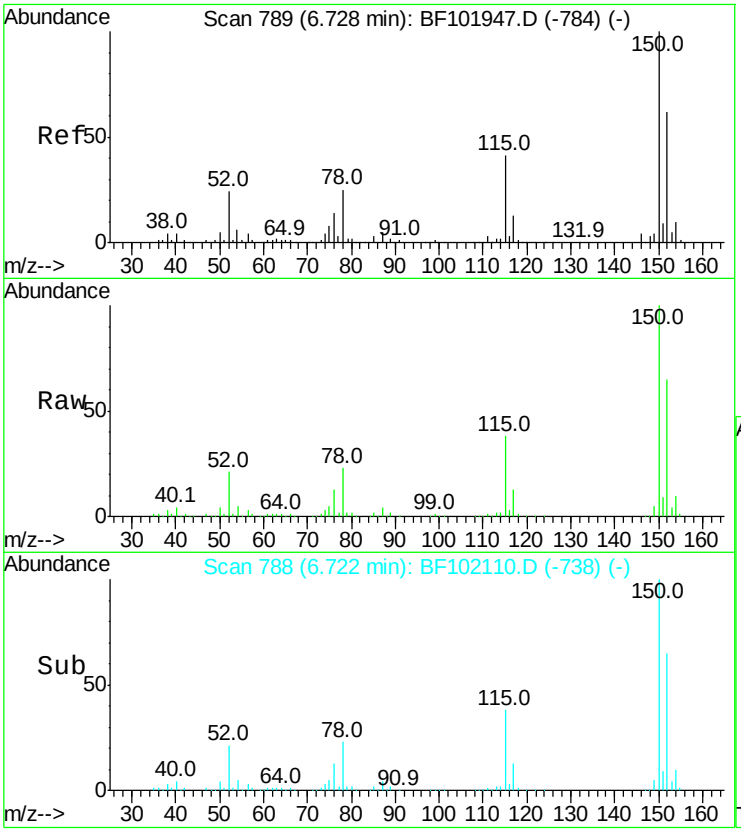


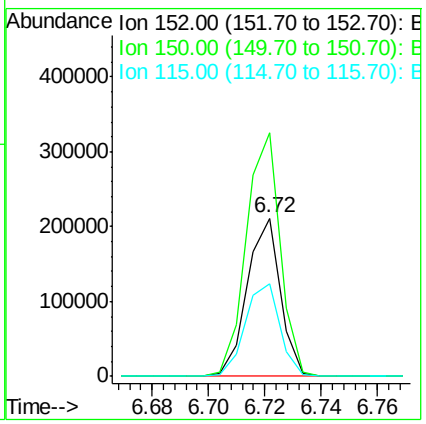


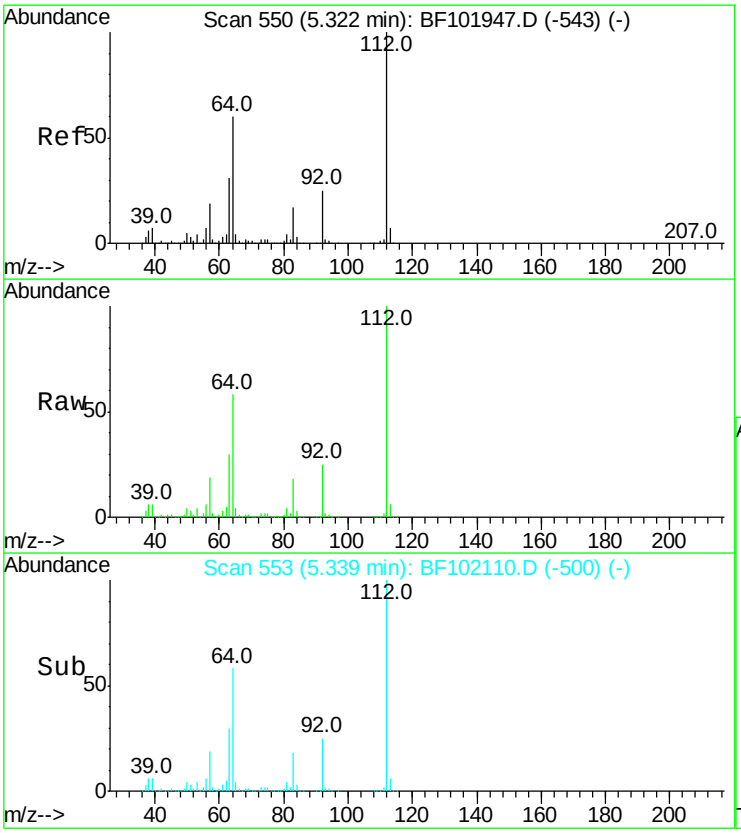

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:152 Resp: 171972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 124.6 | 186.8 |
| 115 | 58.9 | 50.1 | 75.1 |

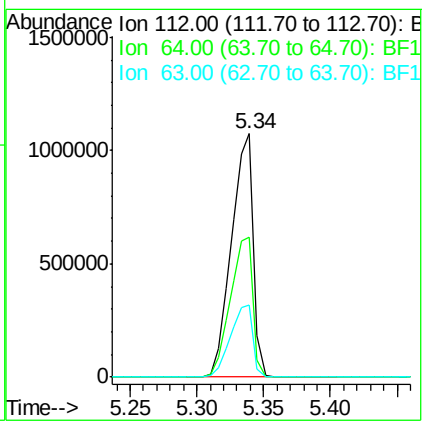


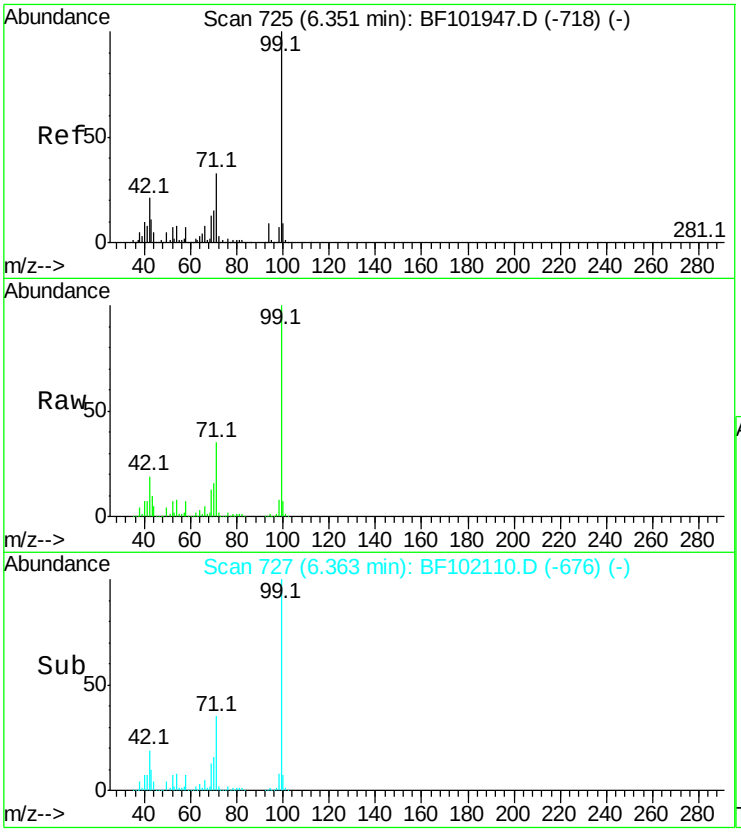




#5
2-Fluorophenol
Concen: 101.058 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:112 Resp: 1230741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 47.9 | 71.9 |
| 63 | 29.8 | 23.7 | 35.5 |



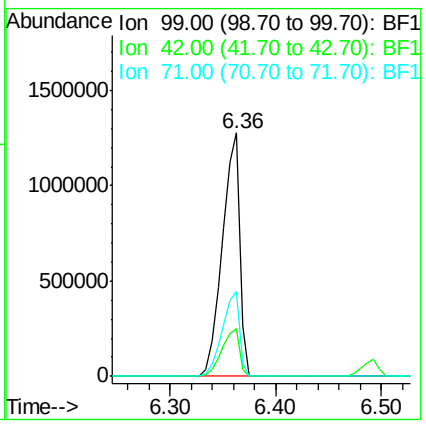


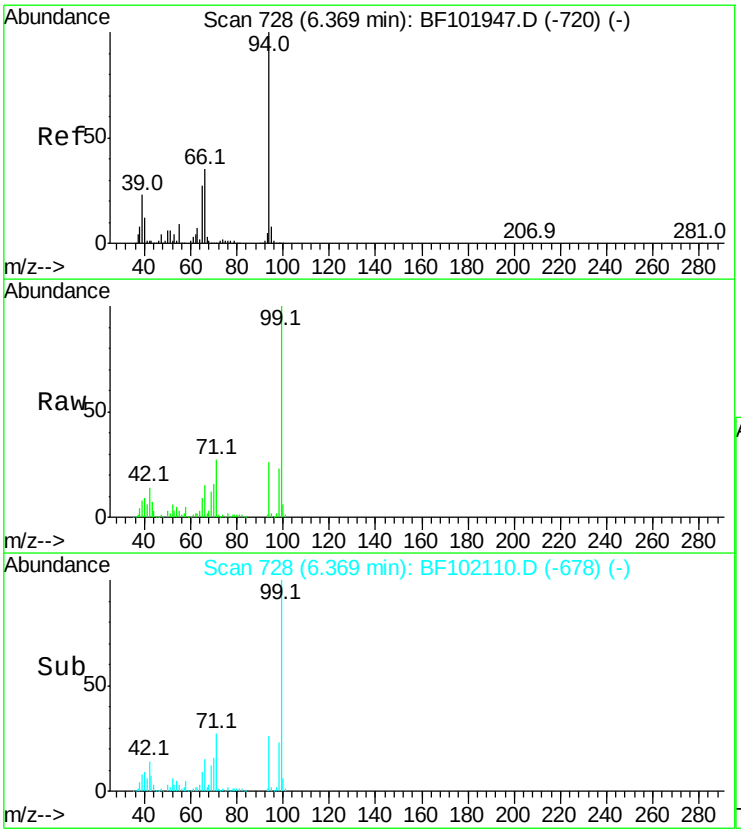

#7
Phenol-d6
Concen: 101.060 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion: 99 Resp: 1468433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.4 | 14.5 | 21.7 |
| 71 | 35.1 | 25.4 | 38.0 |

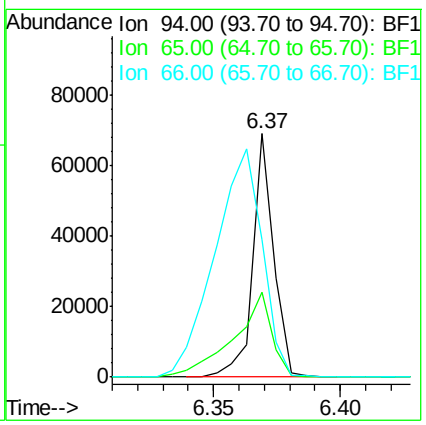


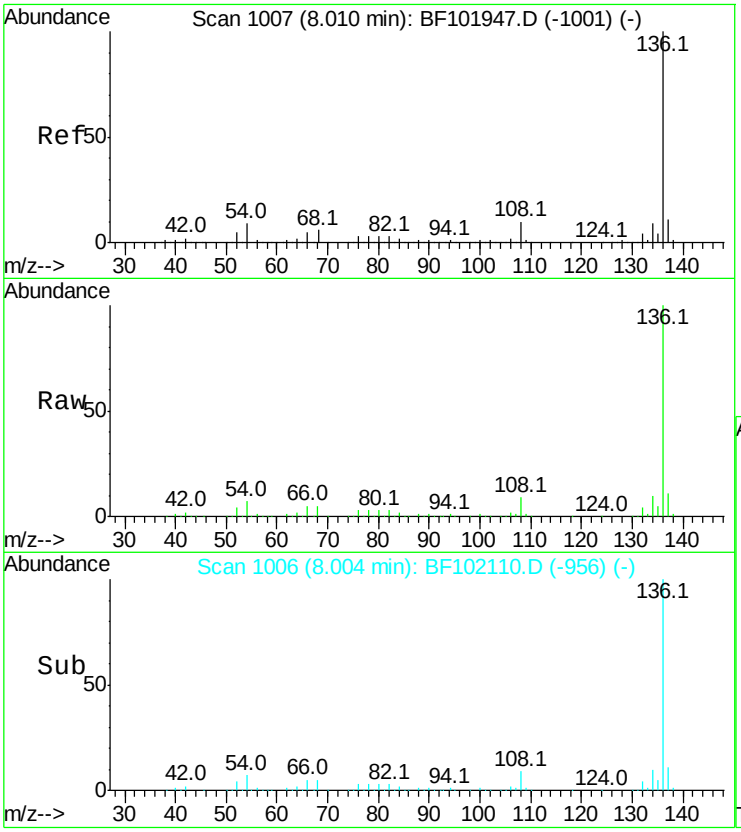




#10
Phenol
Concen: 2.431 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion: 94 Resp: 39924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.9 | 7.9 | 47.9 |
| 66 | 56.6 | 16.2 | 56.2# |



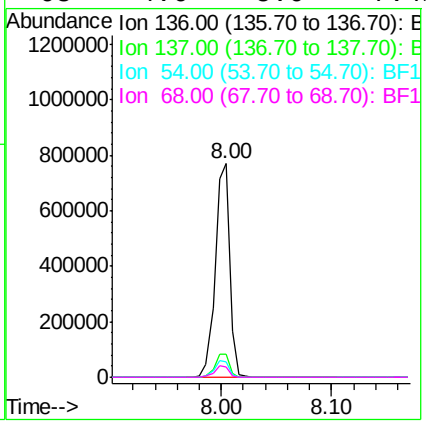


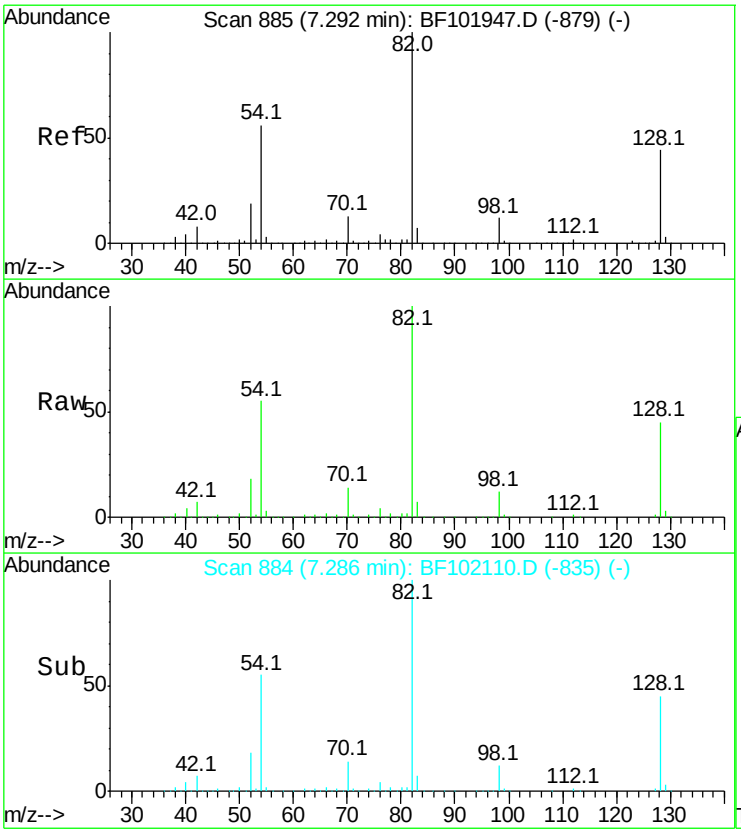

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:136 Resp: 697495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 7.1 | 6.6 | 9.8 |
| 68 | 4.6 | 5.0 | 7.4# |

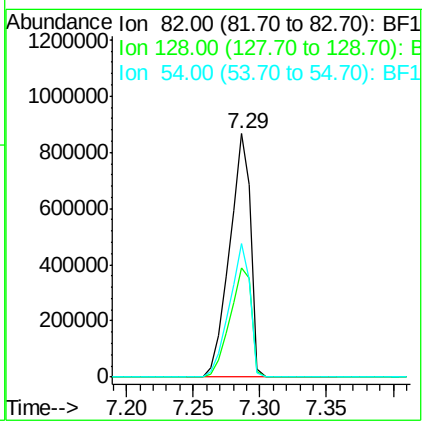


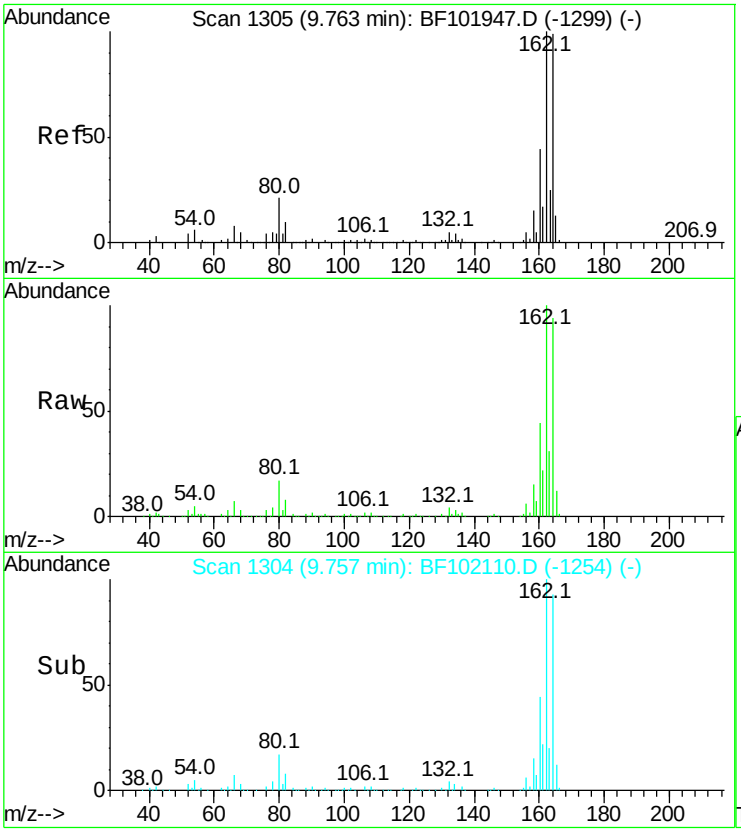




#23
Nitrobenzene-d5
Concen: 80.951 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion: 82 Resp: 960836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 36.1 | 54.1 |
| 54 | 54.8 | 41.4 | 62.2 |



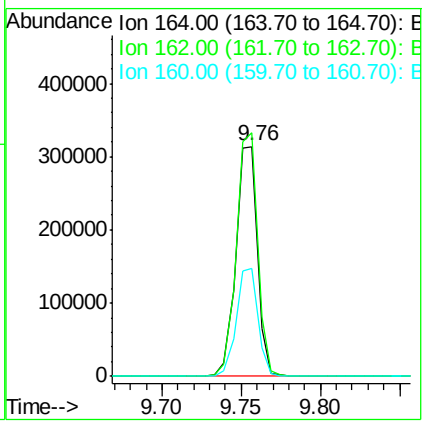


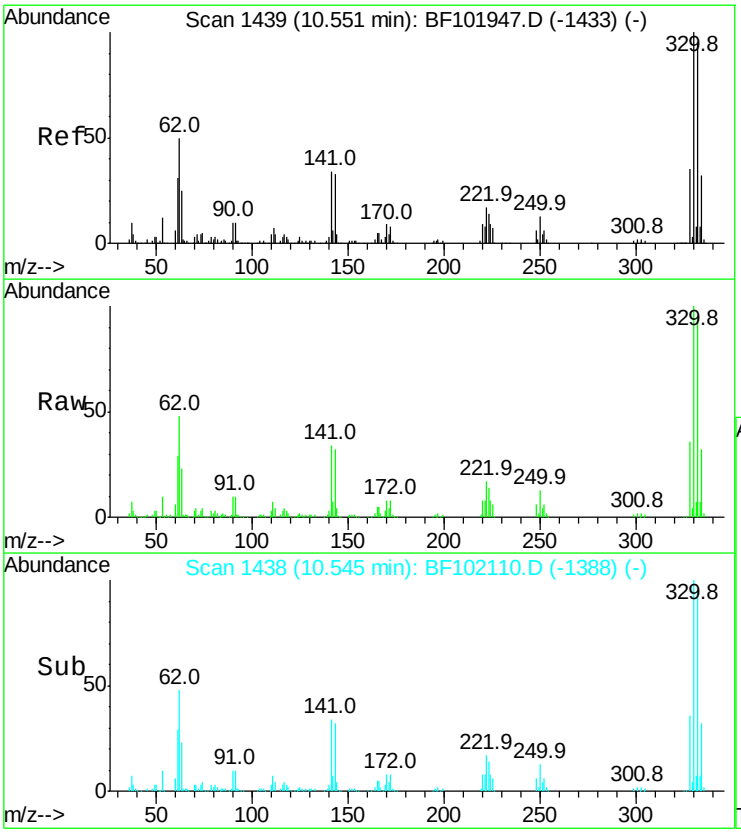

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:164 Resp: 295485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.9 | 86.1 | 129.1 |
| 160 | 46.9 | 38.3 | 57.5 |

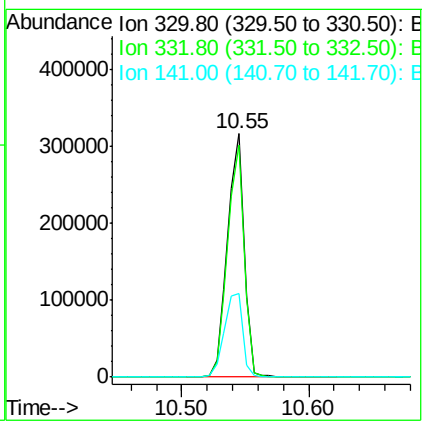


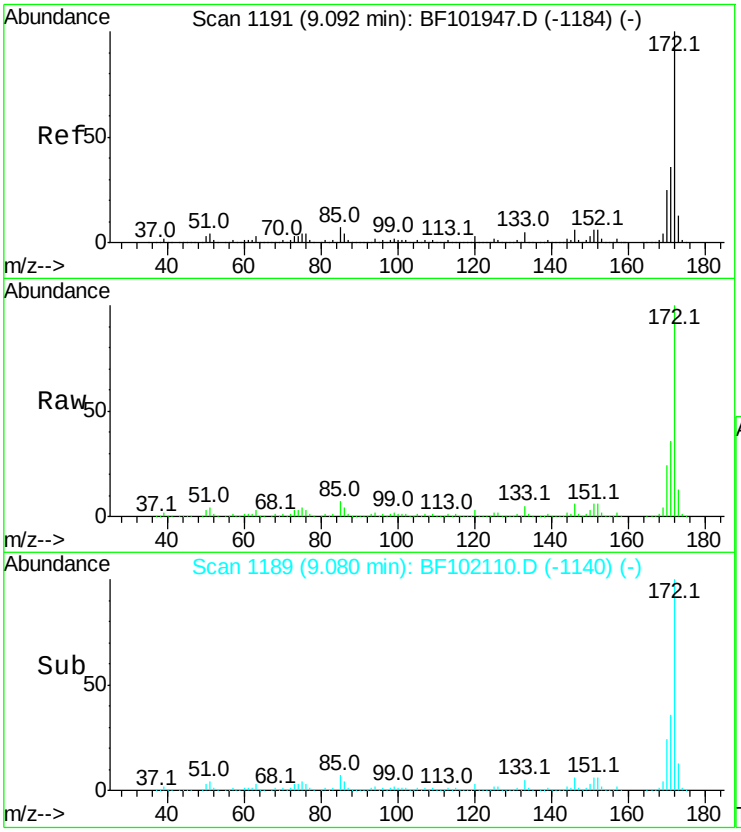




#41
2,4,6-Tribromophenol
Concen: 111.981 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:330 Resp: 288762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.0 | 115.6 |
| 141 | 38.0 | 29.9 | 44.9 |



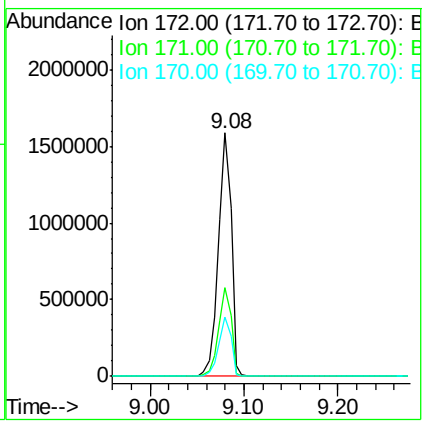


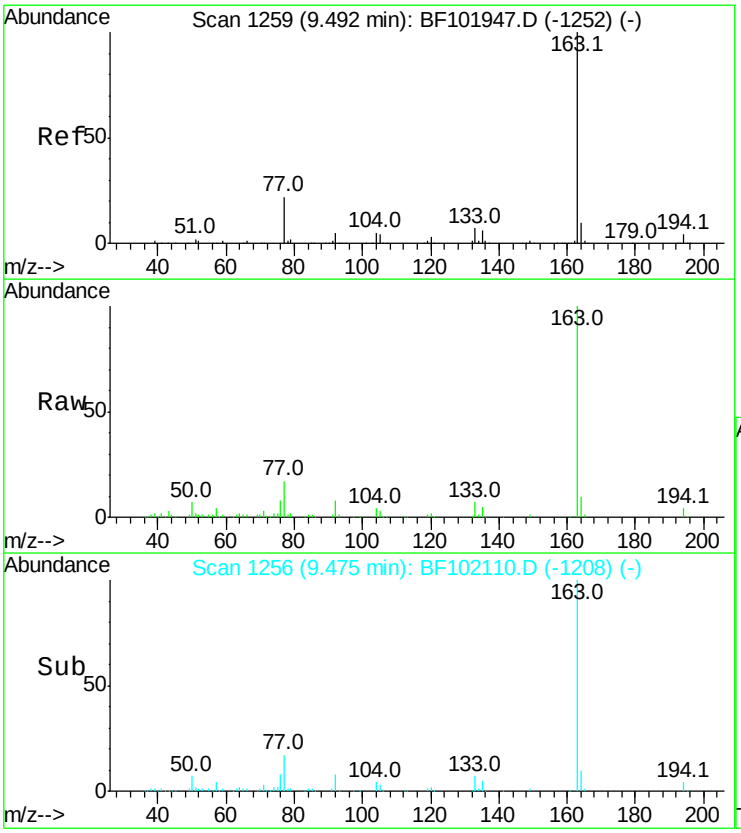

#44
2-Fluorobiphenyl
Concen: 80.814 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:172 Resp: 1528498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.7 | 44.5 |
| 170 | 24.2 | 19.6 | 29.4 |

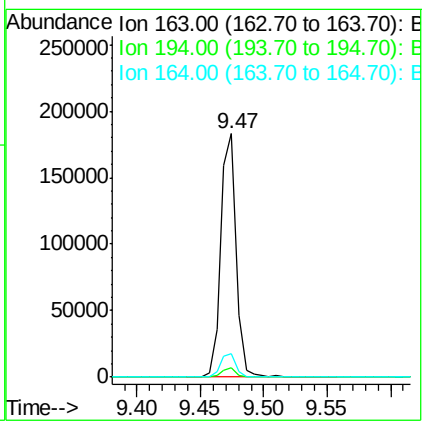


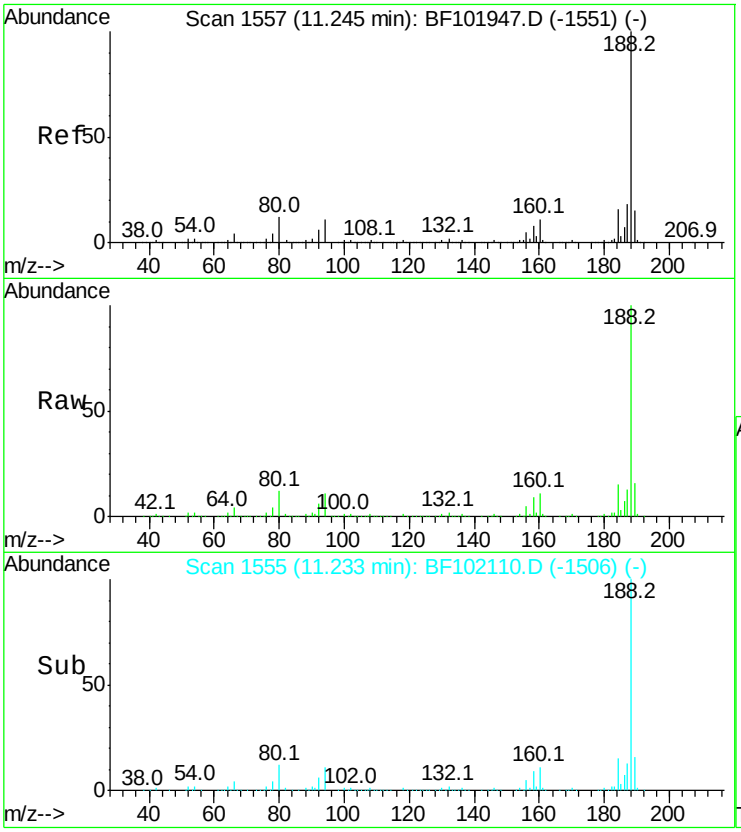




#49
Dimethylphthalate
Concen: 6.565 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:163 Resp: 155624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.7 | 4.1 |
| 164 | 9.7 | 8.2 | 12.2 |



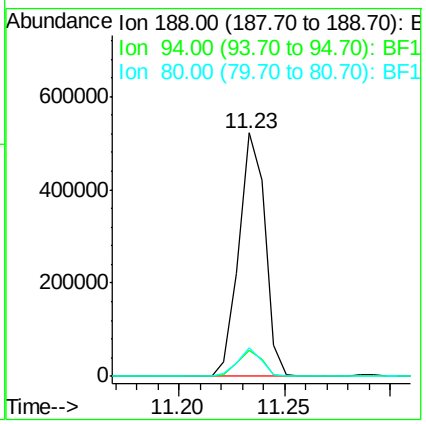


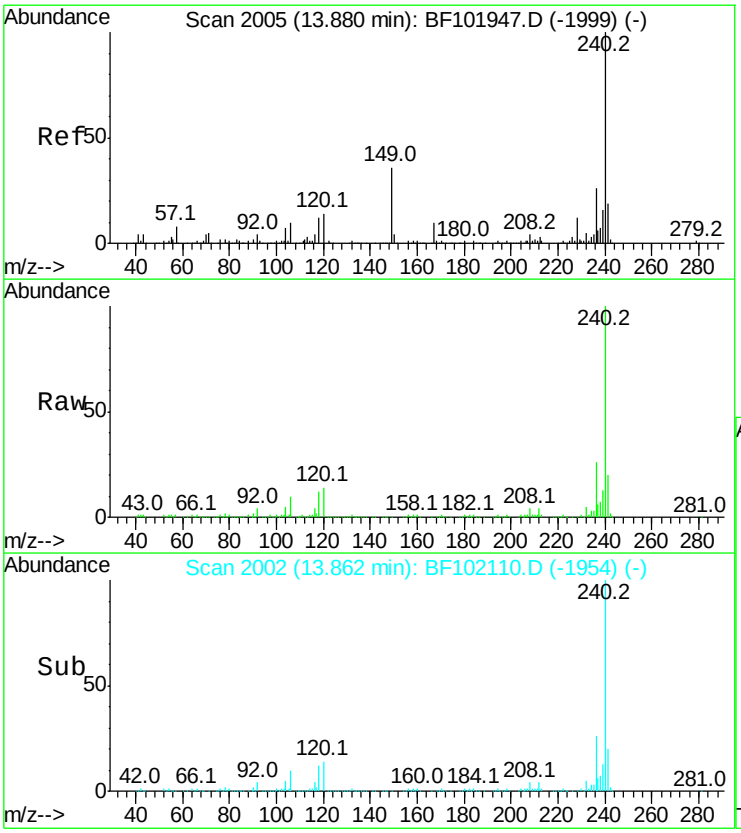

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:188 Resp: 447986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.5 | 12.7 |
| 80 | 11.7 | 9.2 | 13.8 |

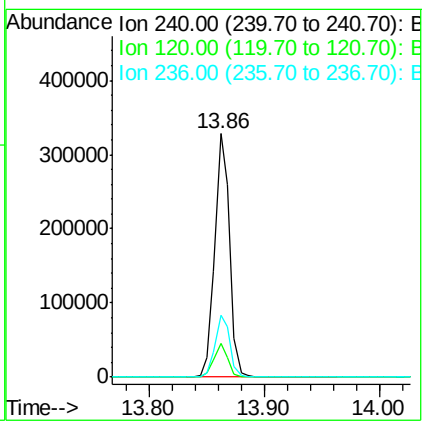


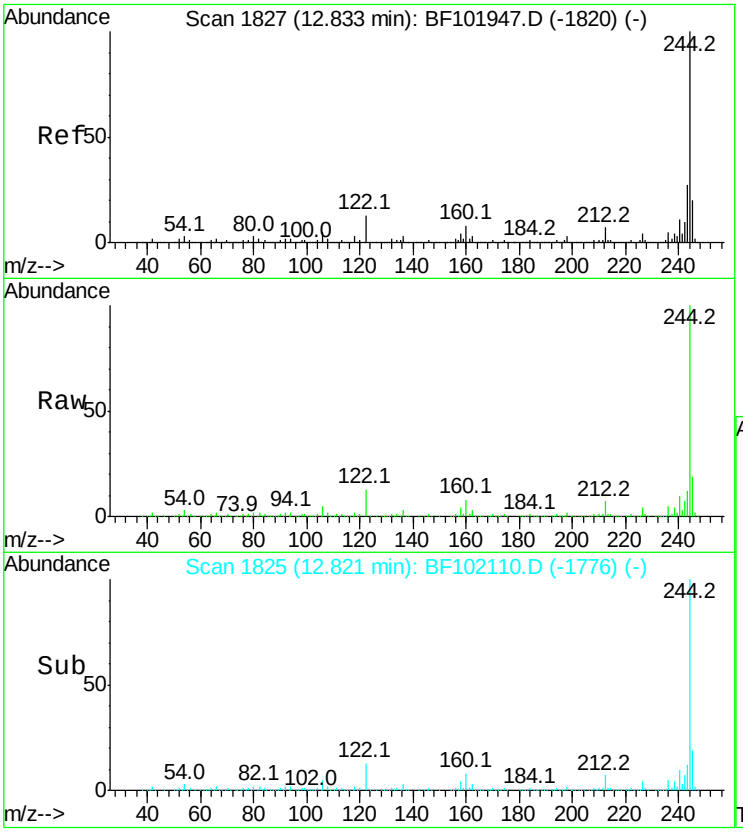




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:240 Resp: 291239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.8 | 9.5 | 14.3 |
| 236 | 25.5 | 20.7 | 31.1 |



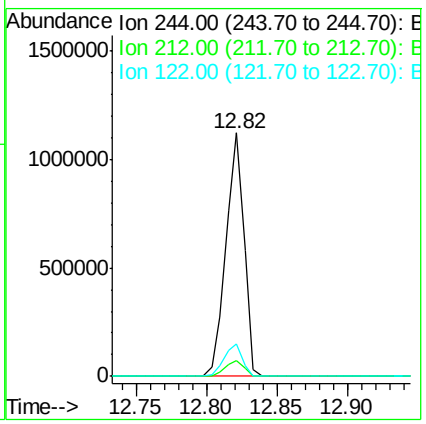


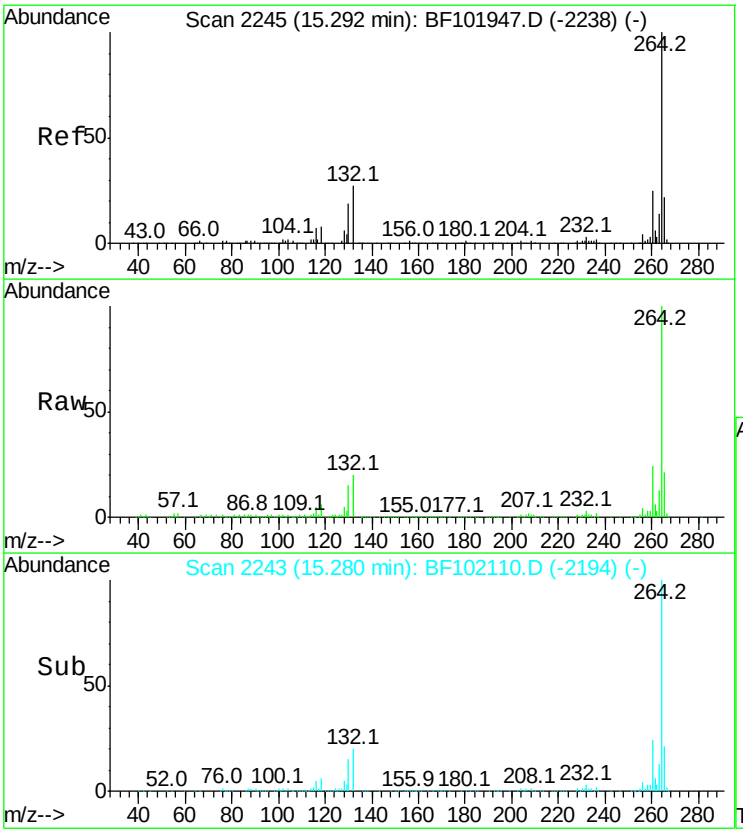

#78
Terphenyl-d14
Concen: 71.189 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

**Instrument :**
BNA_F
**ClientSampleId :**
SB-15-2.5-3.0

Tgt Ion:244 Resp: 998581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.0 |
| 122 | 13.4 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:264 Resp: 261626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.2 | 28.8 |
| 265 | 20.8 | 17.5 | 26.3 |