Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102116.D
Acq On : 16 Jan 2018 18:21
Operator : SJ/JU
Sample : J1115-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-33-2.5-3.0

Quant Time: Jan 17 02:44:36 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 | 146465 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.00 | 136 | 606674 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 271295 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.23 | 188 | 484871 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.86 | 240 | 377355 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.27 | 264 | 258068 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 884113 | 85.24 | ng | 0.00 |
| 7) Phenol-d6 | 6.36 | 99 | 1040878 | 84.11 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 666316 | 64.54 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 243874 | 103.01 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 988661 | 56.93 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.82 | 244 | 886577 | 48.78 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.36 | 94 | 41472 | 2.965 | ng | 86 |
| 49) Dimethylphthalate | 9.47 | 163 | 166847 | 7.666 | ng | 100 |

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

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102116.D
Acq On : 16 Jan 2018 18:21
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

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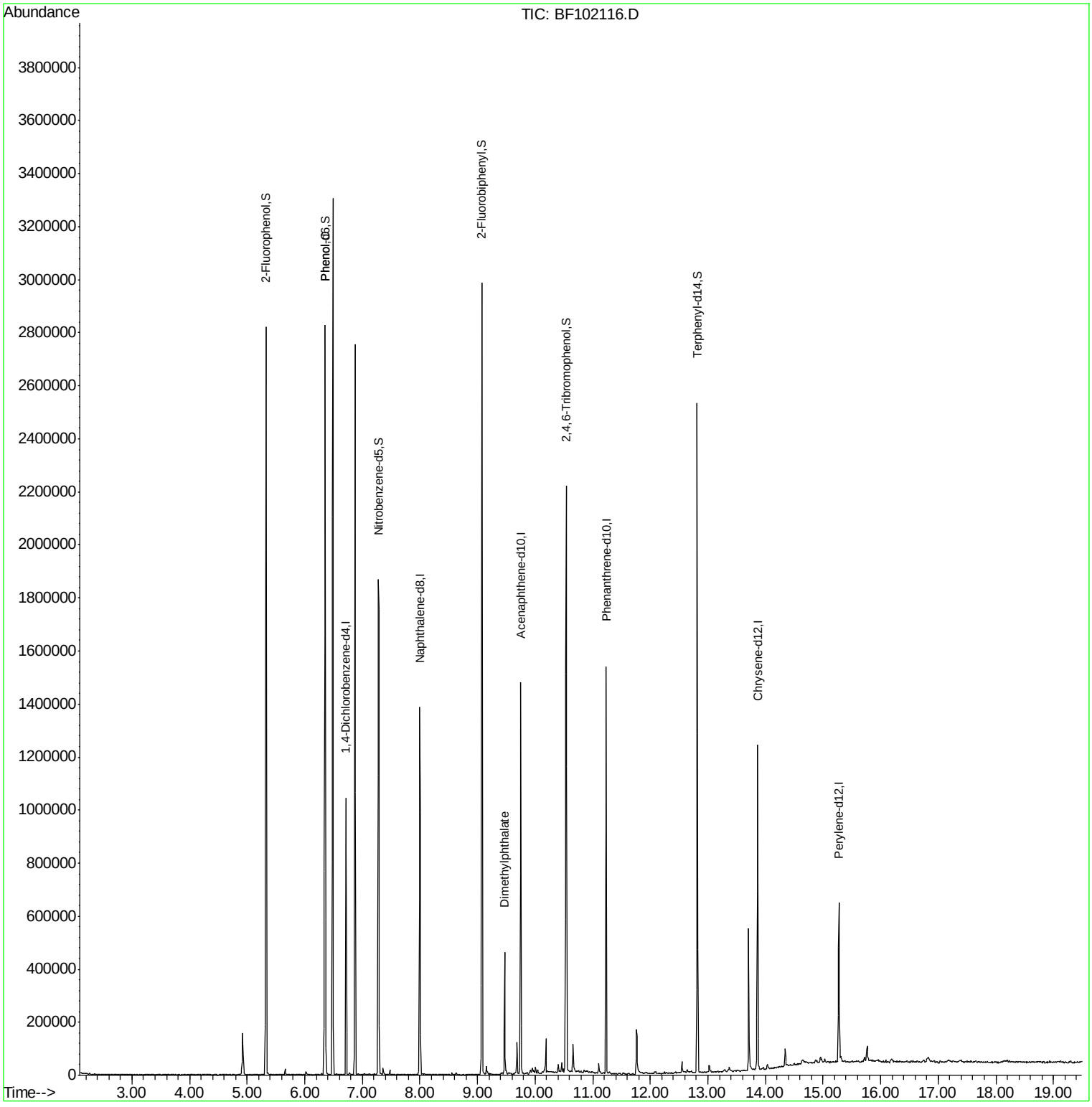
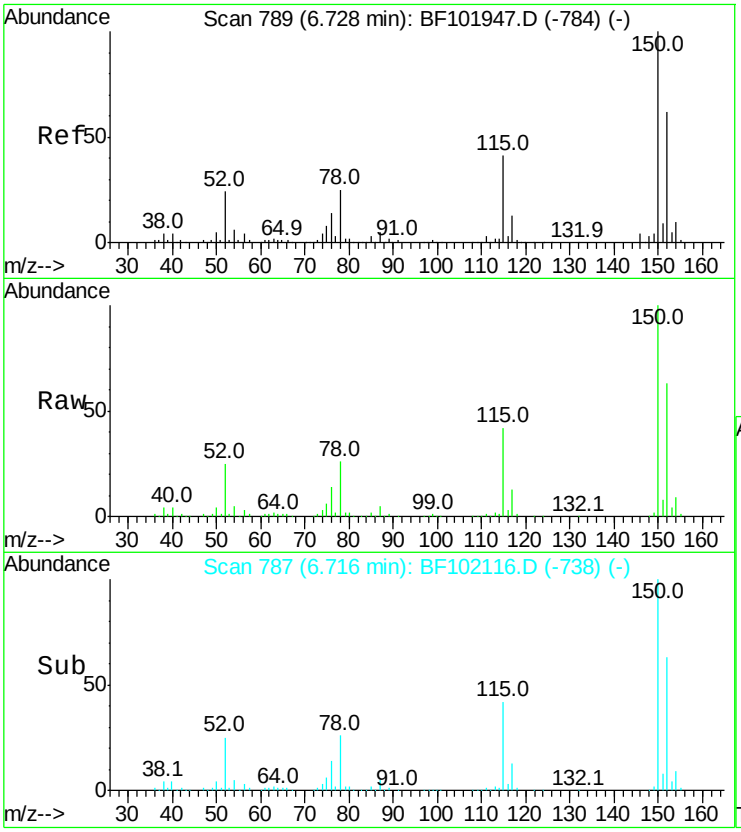


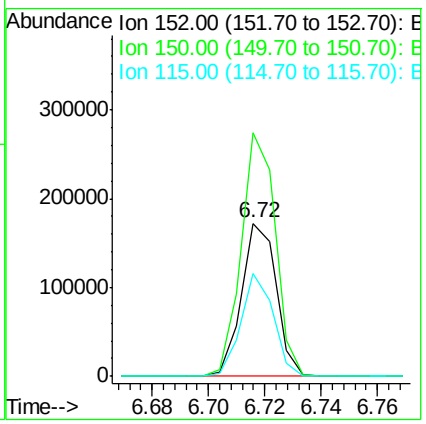


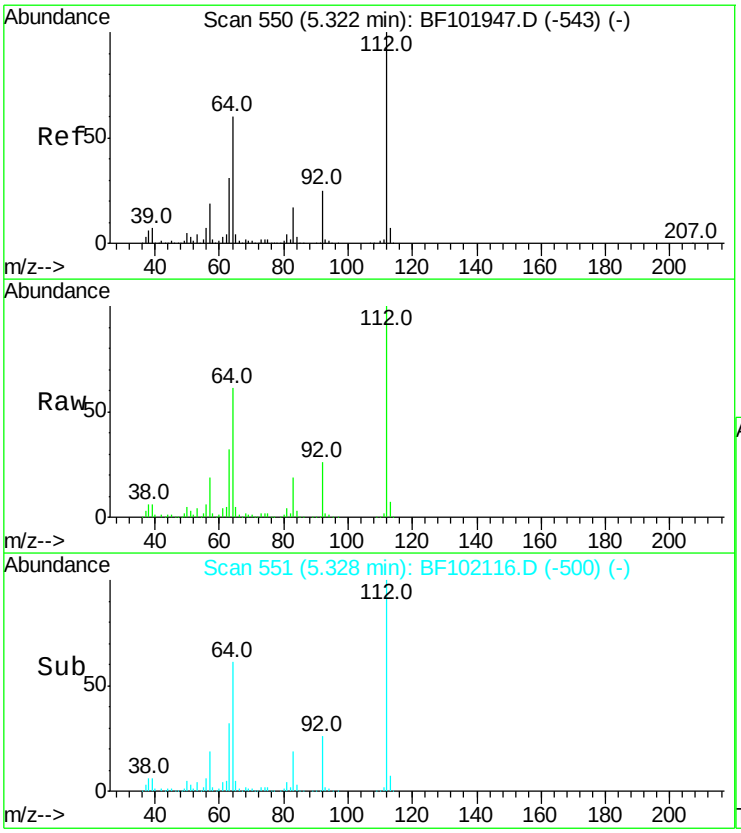

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:152 Resp: 146465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 124.6 | 186.8 |
| 115 | 67.2 | 50.1 | 75.1 |

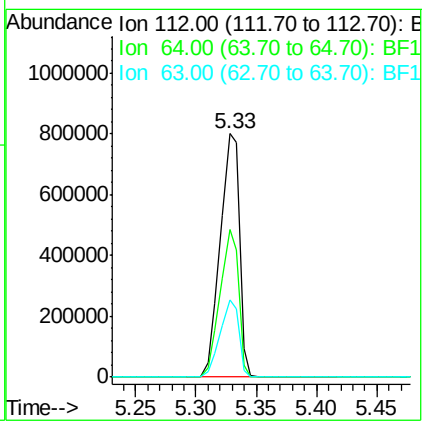


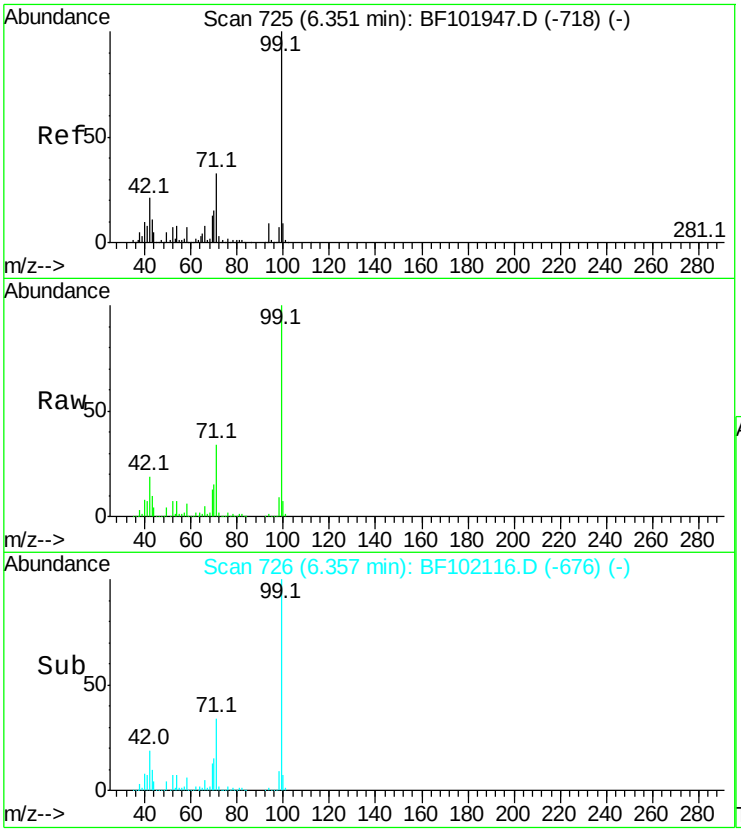




#5
2-Fluorophenol
Concen: 85.238 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:112 Resp: 884113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.8 | 47.9 | 71.9 |
| 63 | 31.7 | 23.7 | 35.5 |



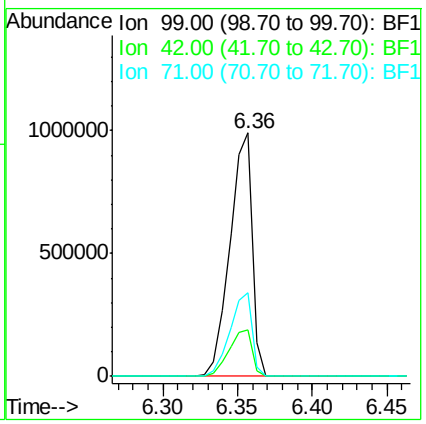


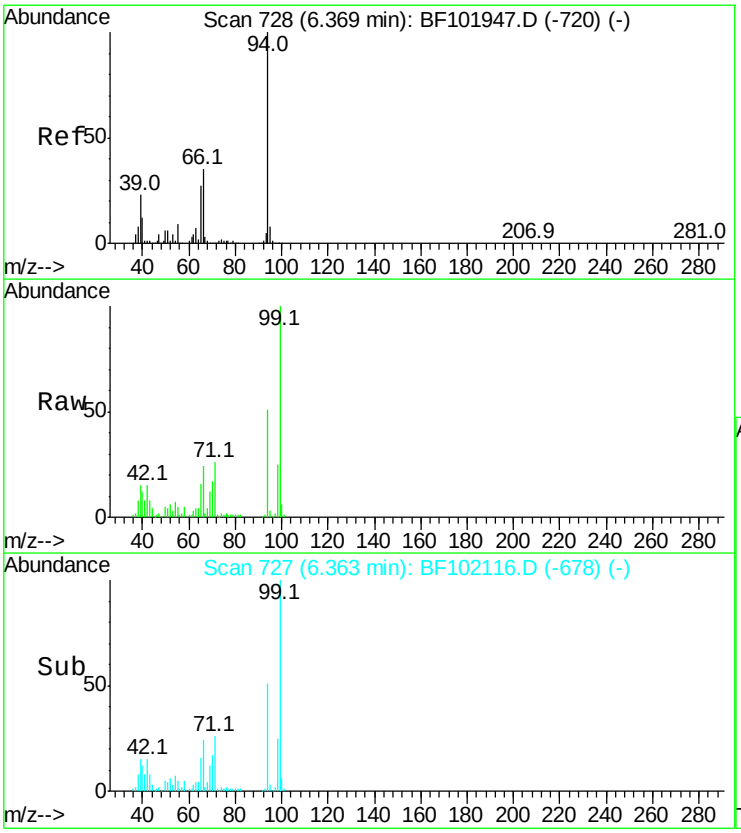

#7
Phenol-d6
Concen: 84.110 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion: 99 Resp: 1040878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.0 | 14.5 | 21.7 |
| 71 | 34.3 | 25.4 | 38.0 |

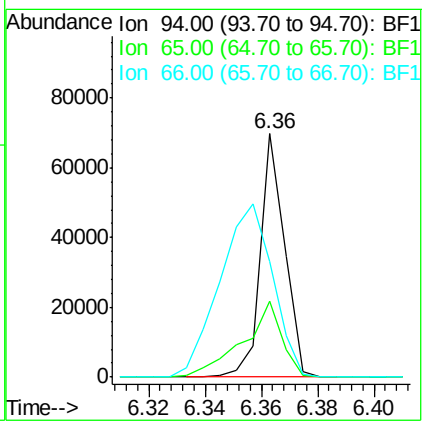


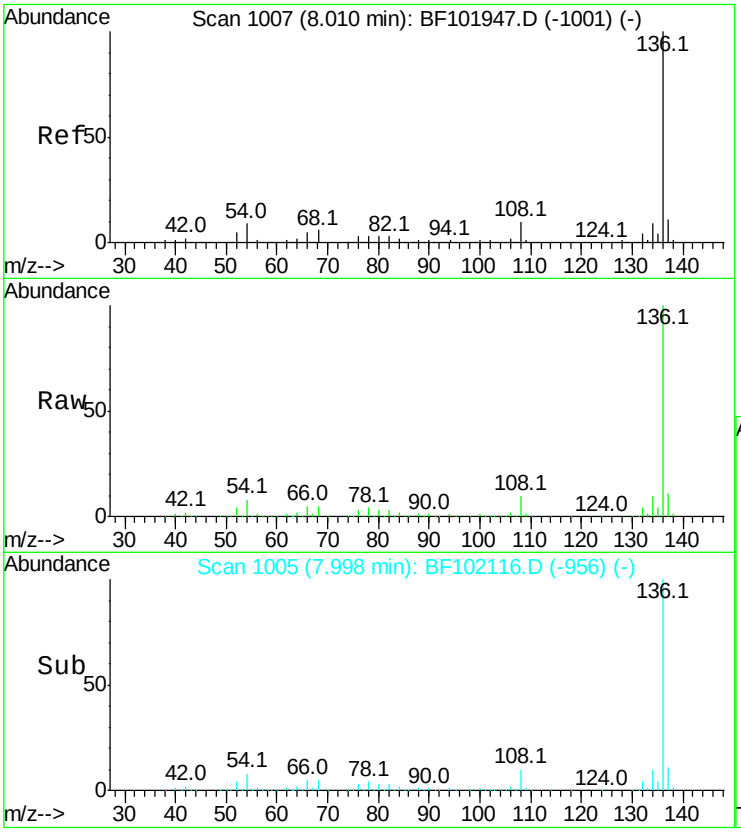




#10
Phenol
Concen: 2.965 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion: 94 Resp: 41472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.3 | 7.9 | 47.9 |
| 66 | 47.5 | 16.2 | 56.2 |



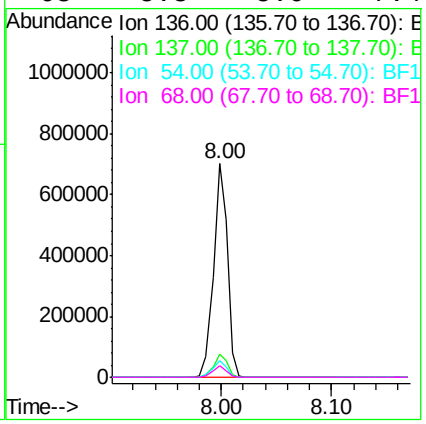


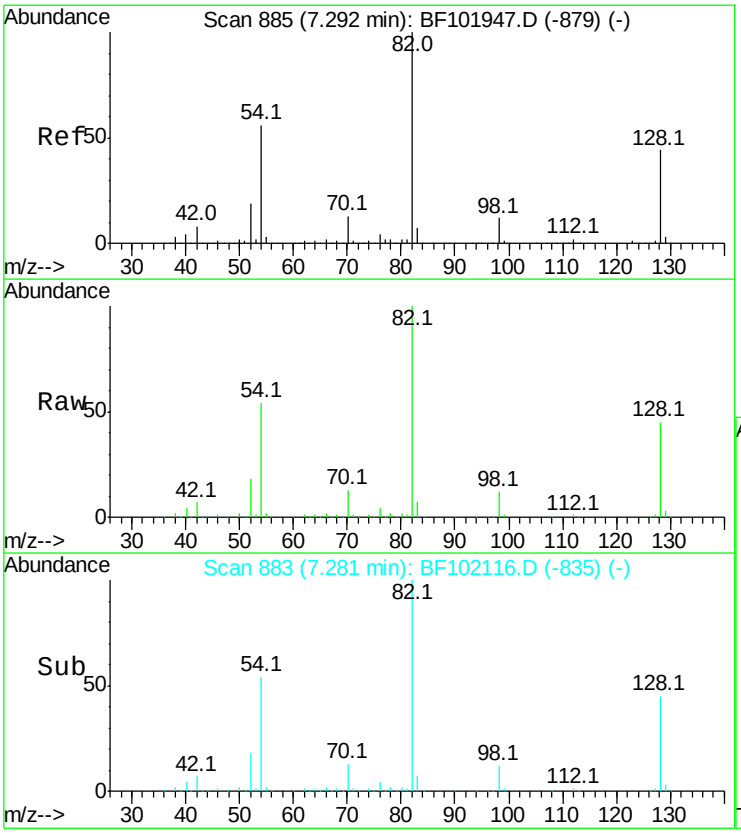

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:136 Resp: 606674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.9 | 13.3 |
| 54 | 7.8 | 6.6 | 9.8 |
| 68 | 5.3 | 5.0 | 7.4 |

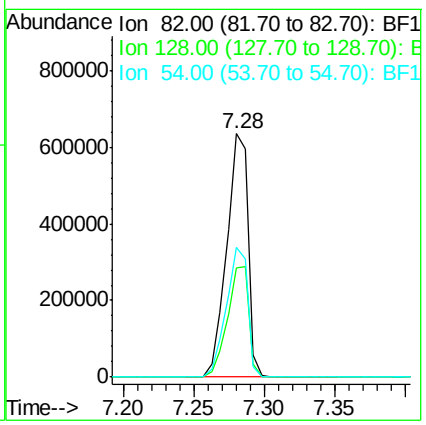


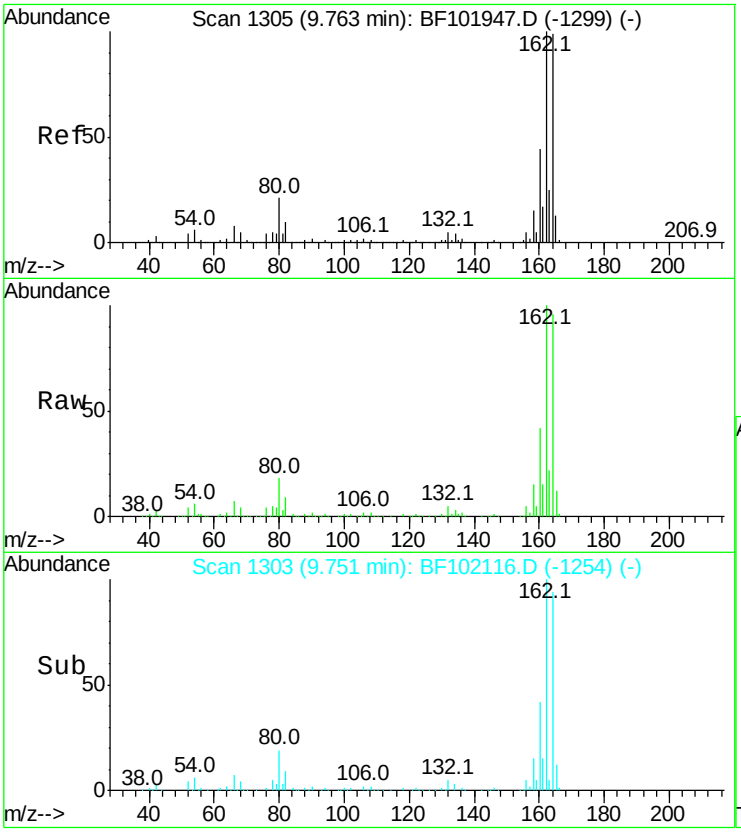




#23
Nitrobenzene-d5
Concen: 64.541 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion: 82 Resp: 666316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 36.1 | 54.1 |
| 54 | 53.5 | 41.4 | 62.2 |



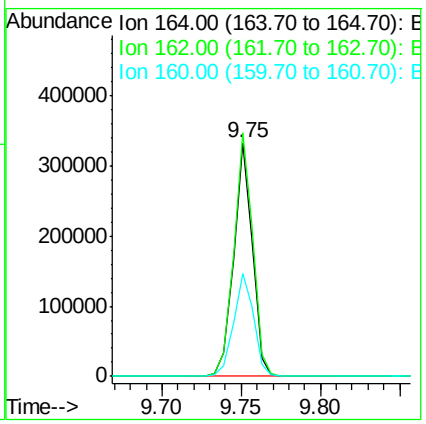


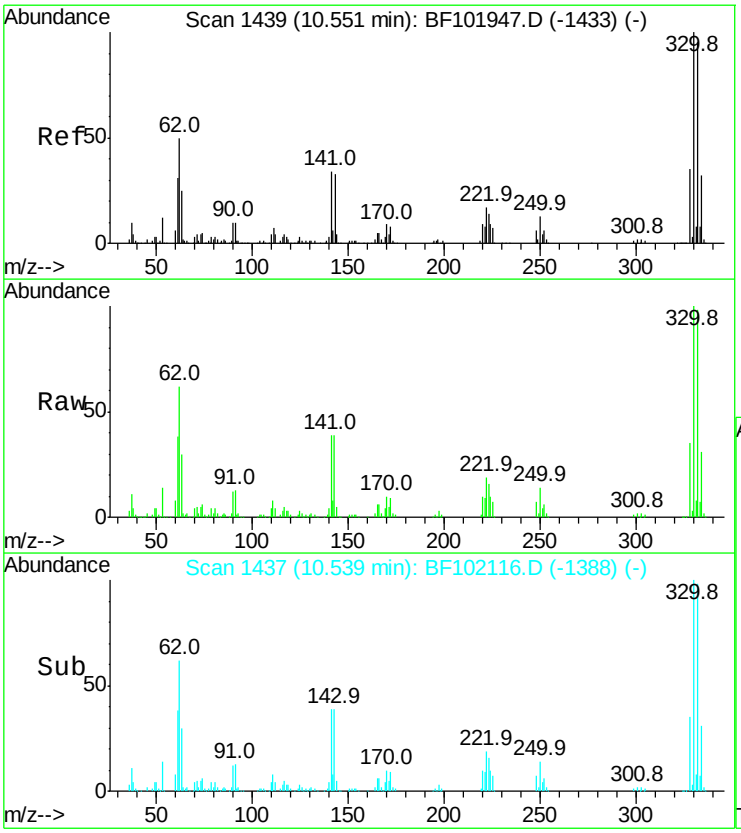

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:164 Resp: 271295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 86.1 | 129.1 |
| 160 | 44.1 | 38.3 | 57.5 |

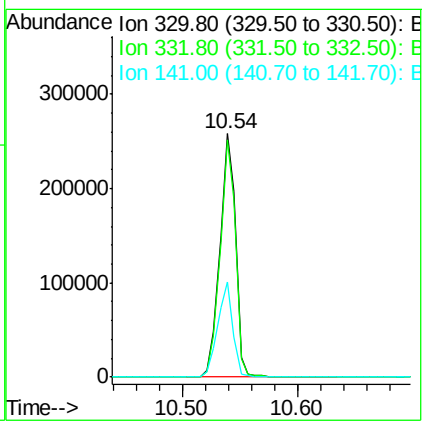


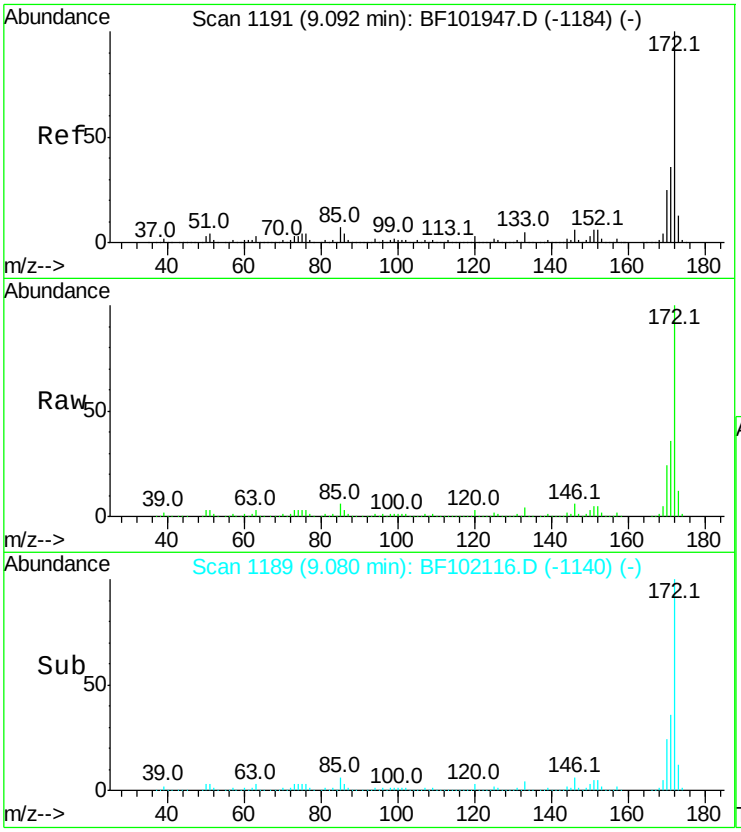




#41
2,4,6-Tribromophenol
Concen: 103.007 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:330 Resp: 243874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.0 | 115.6 |
| 141 | 37.5 | 29.9 | 44.9 |



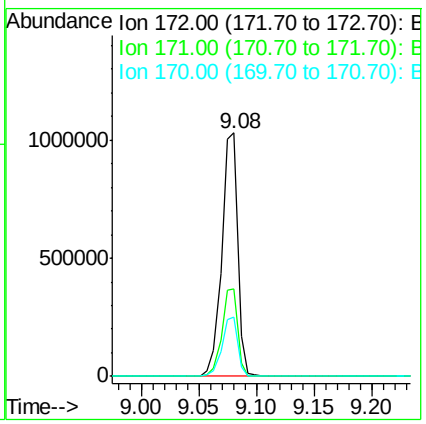


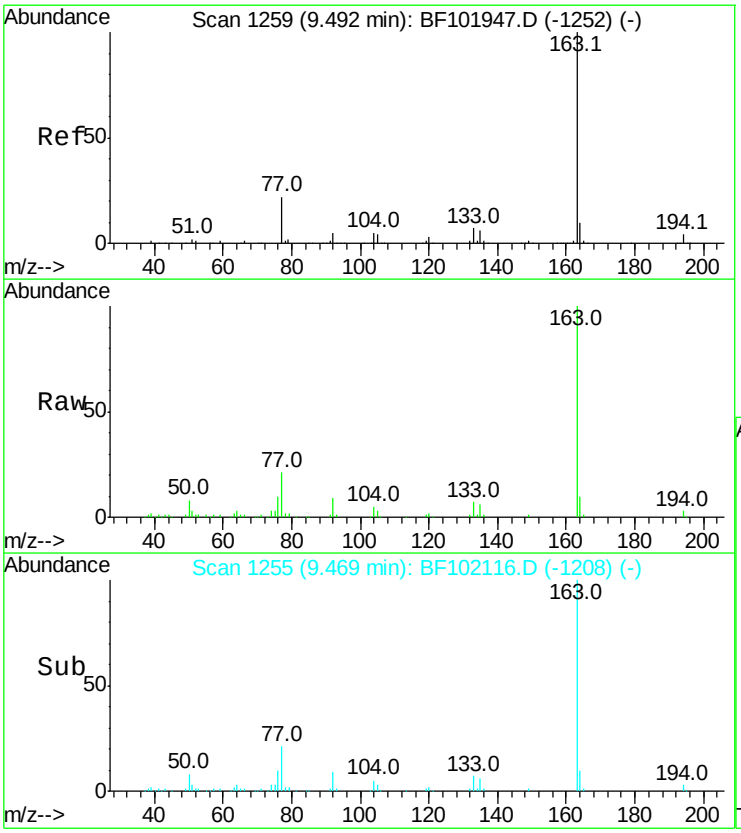

#44
2-Fluorobiphenyl
Concen: 56.933 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:172 Resp: 988661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.7 | 44.5 |
| 170 | 24.1 | 19.6 | 29.4 |

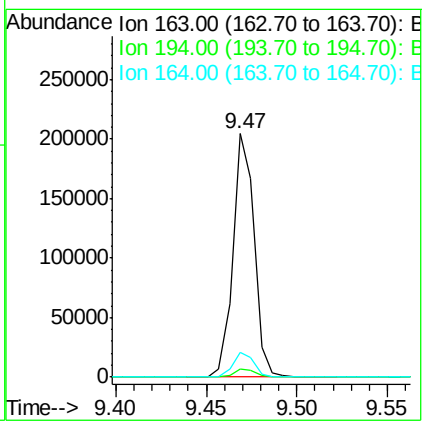


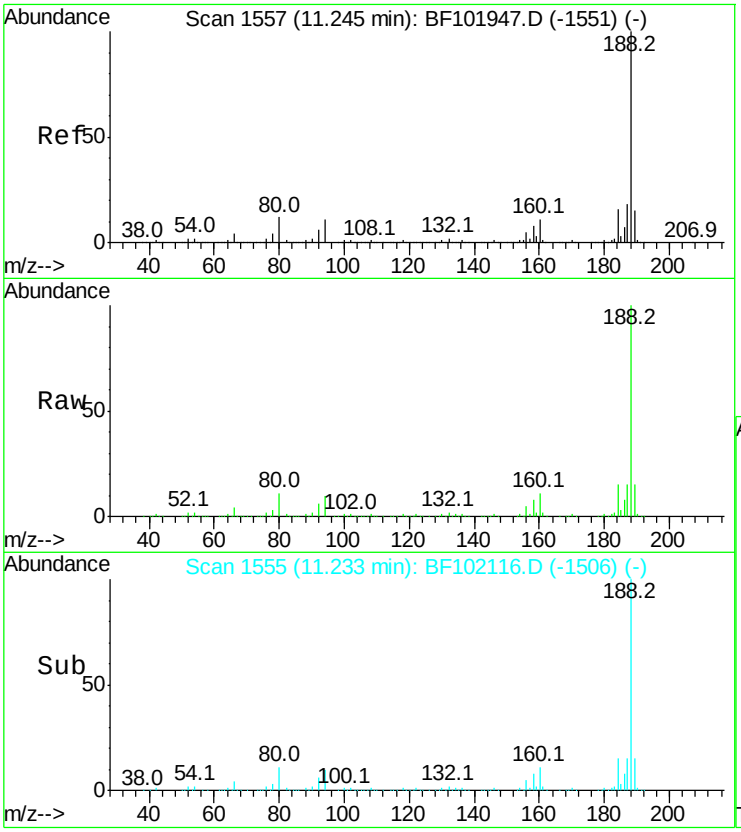




#49
Dimethylphthalate
Concen: 7.666 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:163 Resp: 166847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.7 | 4.1 |
| 164 | 10.2 | 8.2 | 12.2 |



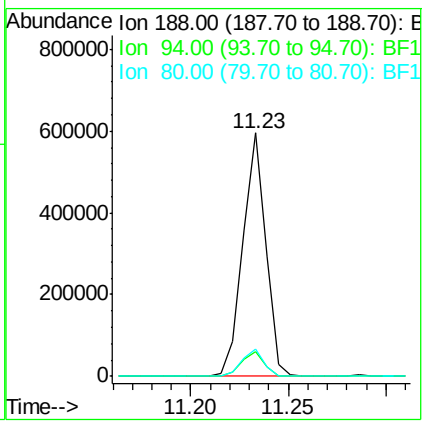


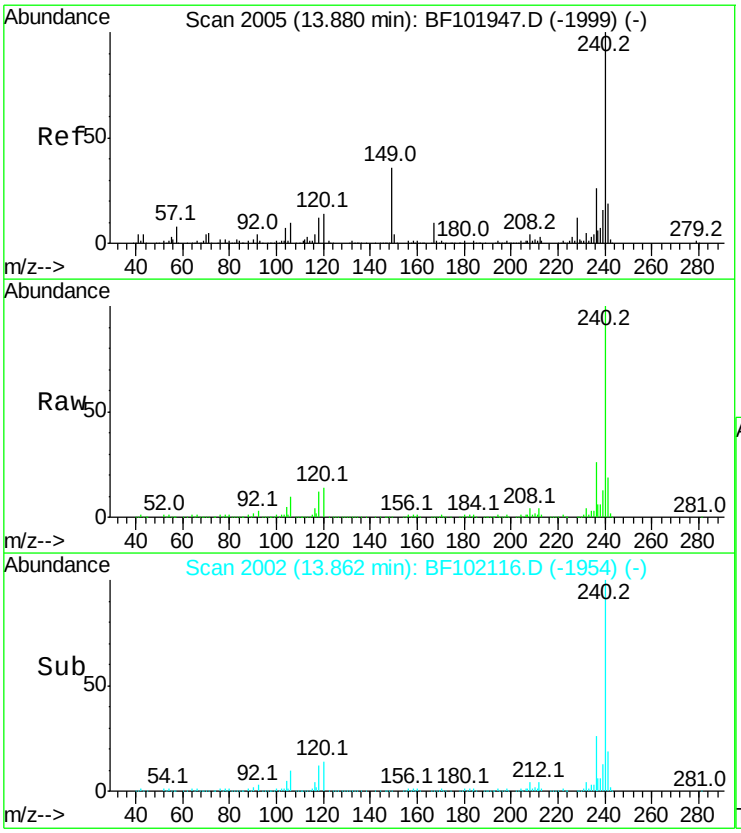

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:188 Resp: 484871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.5 | 12.7 |
| 80 | 11.0 | 9.2 | 13.8 |

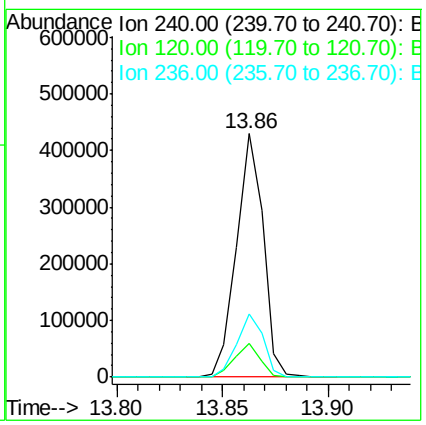


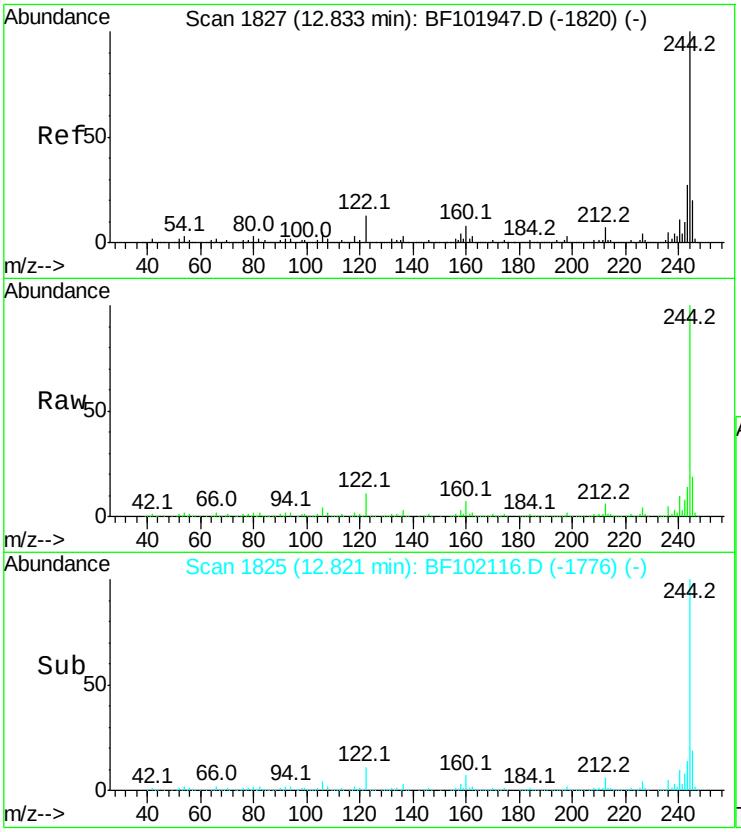




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:240 Resp: 377355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.8 | 9.5 | 14.3 |
| 236 | 26.1 | 20.7 | 31.1 |



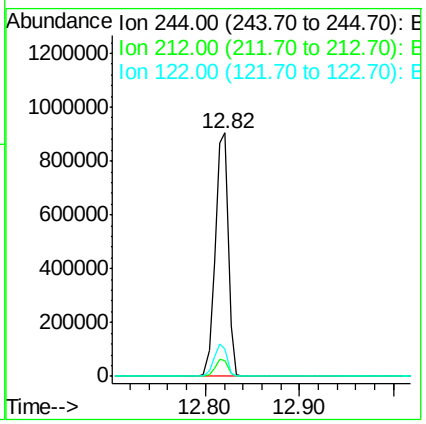


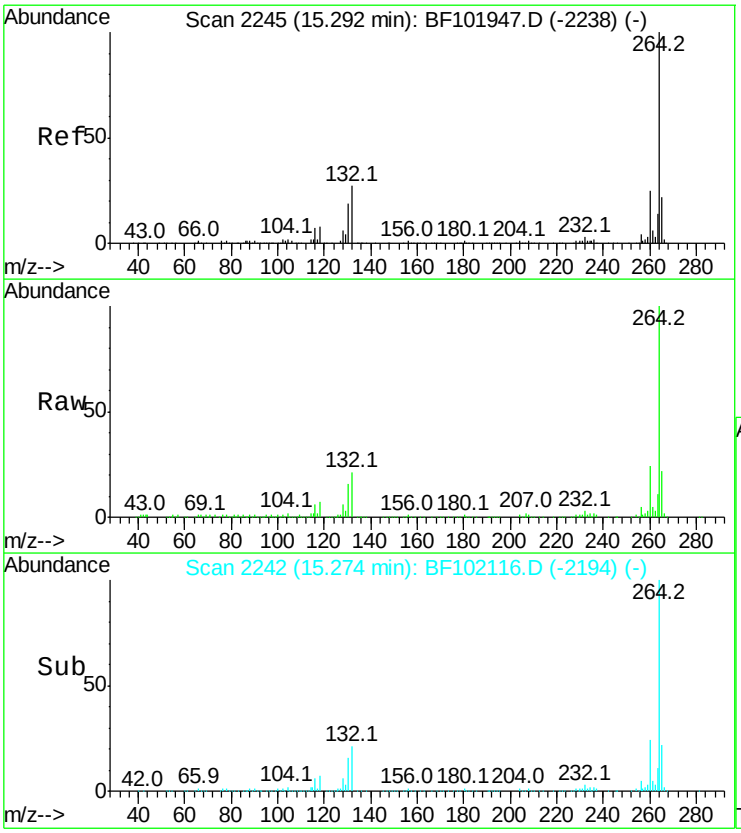

#78
Terphenyl-d14
Concen: 48.781 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

**Instrument :**
BNA_F
**ClientSampleId :**
SB-33-2.5-3.0

Tgt Ion:244 Resp: 886577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.4 | 8.0 |
| 122 | 11.3 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BF102116.D
Acq: 16 Jan 2018 18:21

Tgt Ion:264 Resp: 258068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.2 | 28.8 |
| 265 | 21.8 | 17.5 | 26.3 |