Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090683.D
Acq On : 20 Oct 2016 15:42
Operator : UM/SJ
Sample : H5315-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FO-TANK-END-EAST

Quant Time: Oct 20 18:00:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 240613 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.17 | 136 | 1135159 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.93 | 164 | 567898 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 934596 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 14.05 | 240 | 703003 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.49 | 264 | 495393 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1791359 | 136.49 | ng | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 2469102 | 126.60 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 1630480 | 79.79 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 570332 | 112.65 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 2240622 | 65.01 | ng | -0.02 |
| 78) Terphenyl-d14 | 13.00 | 244 | 2314391 | 76.65 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.15 | 42 | 503 | 7.24 | ng | # 1 |
| 49) Dimethylphthalate | 9.64 | 163 | 699367 | 18.98 | ng | 98 |

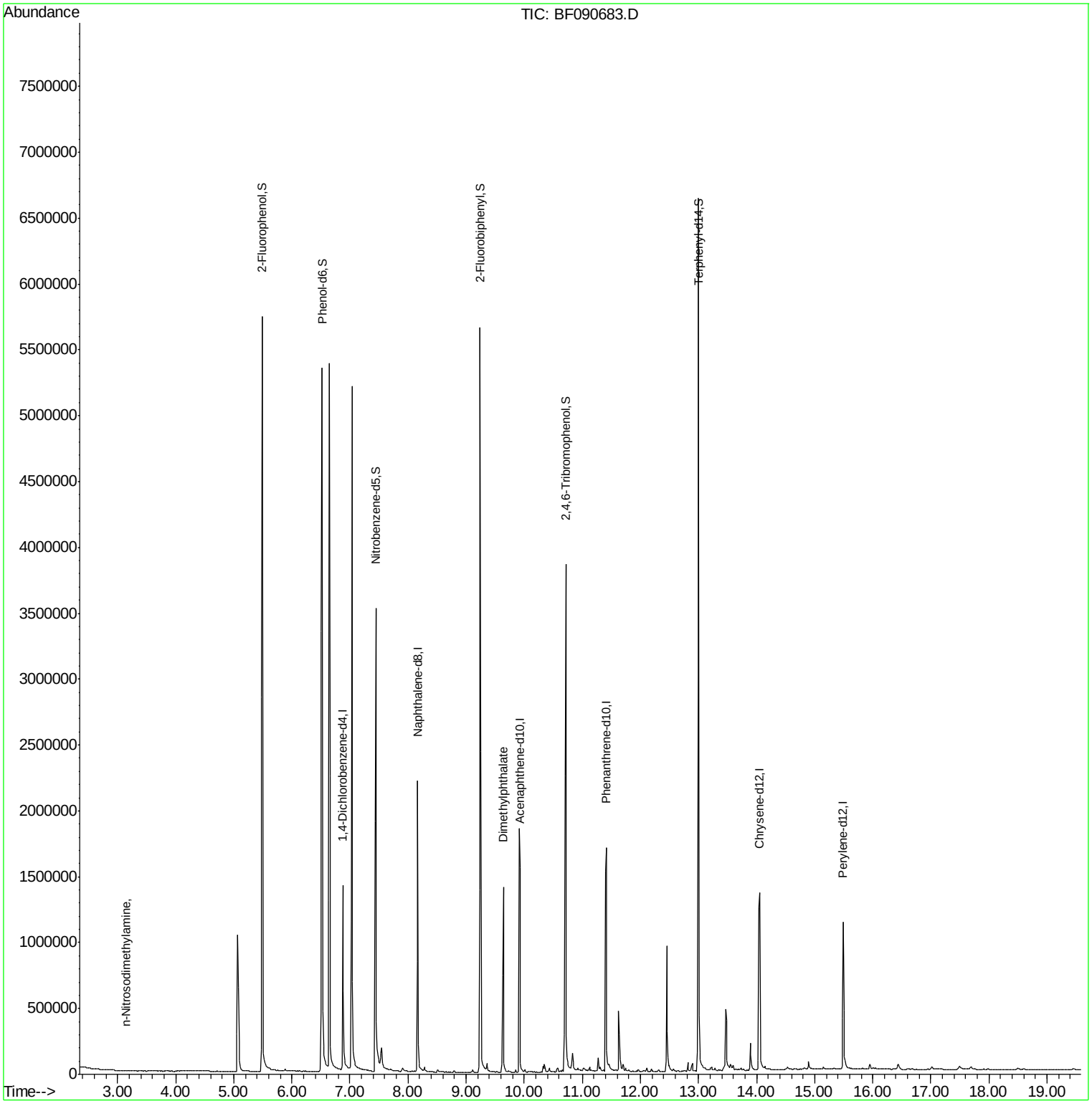
(#) = qualifier out of range (m) = manual integration (+) = signals summed

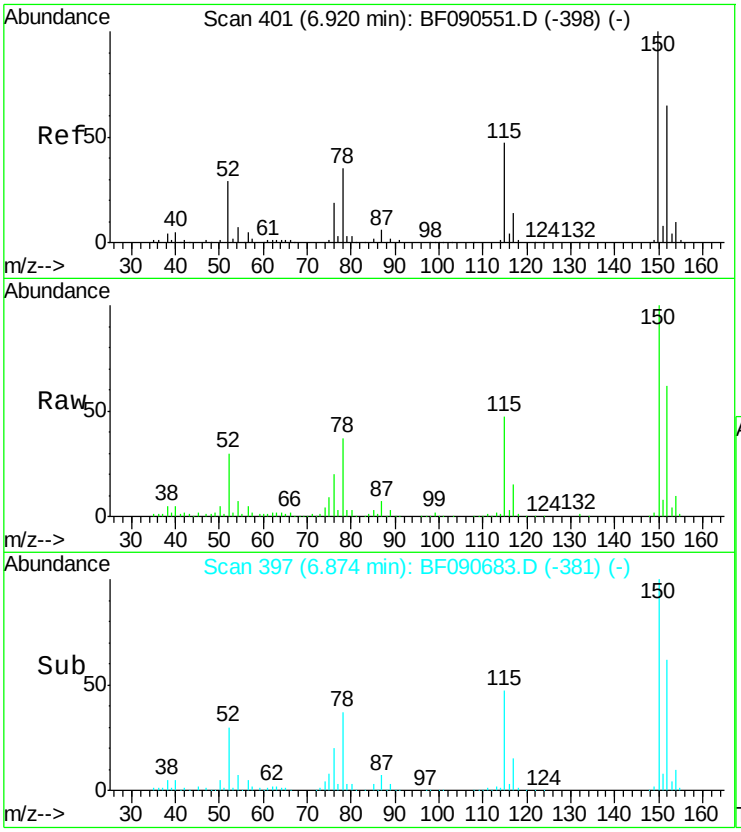
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090683.D
Acq On : 20 Oct 2016 15:42
Operator : UM/SJ
Sample : H5315-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Quant Time: Oct 20 18:00:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration



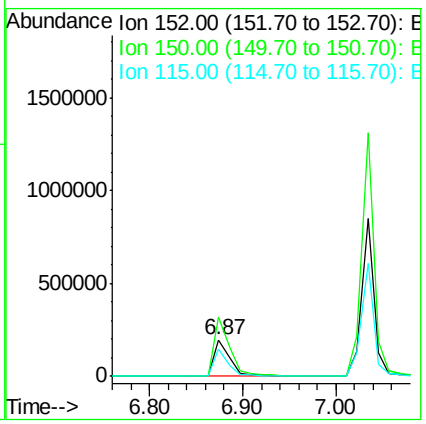


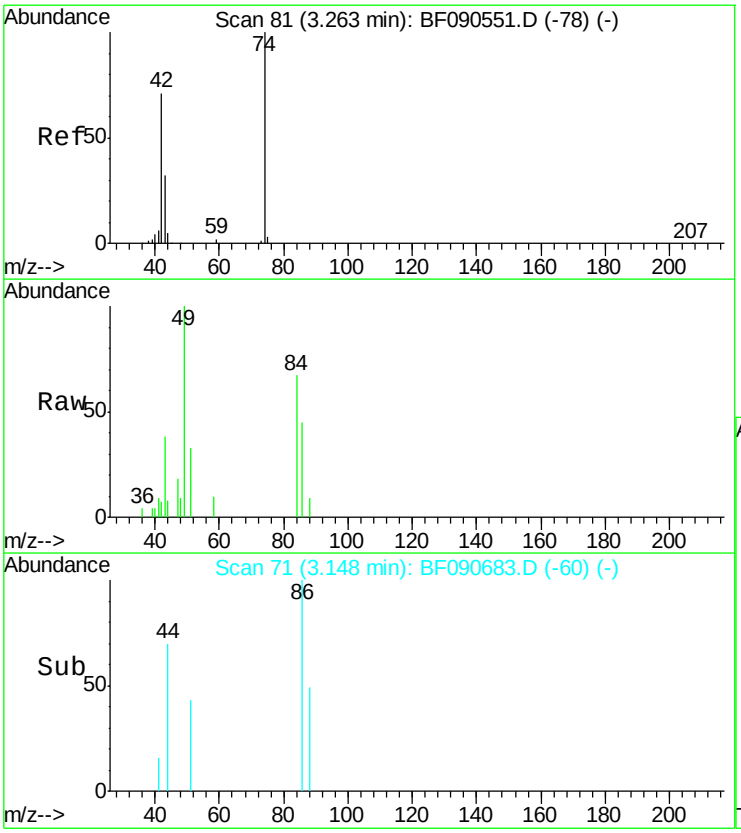

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:152 Resp: 240613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.2 | 127.2 | 190.8 |
| 115 | 75.5 | 58.6 | 88.0 |

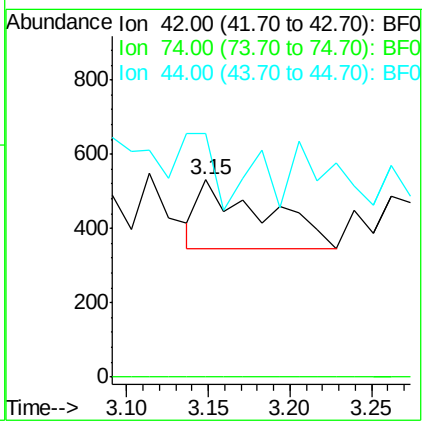


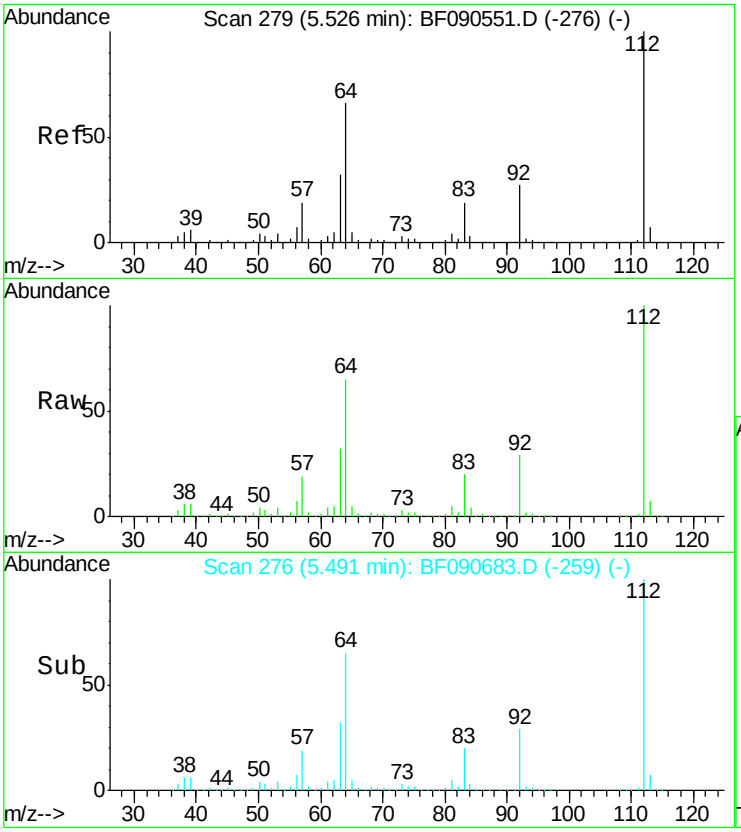




#4
n-Nitrosodimethylamine
Concen: 7.24 ng
RT: 3.15 min Scan# 71
Delta R.T. -0.07 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion: 42 Resp: 503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 113.3 | 169.9# |
| 44 | 123.4 | 6.0 | 9.0# |



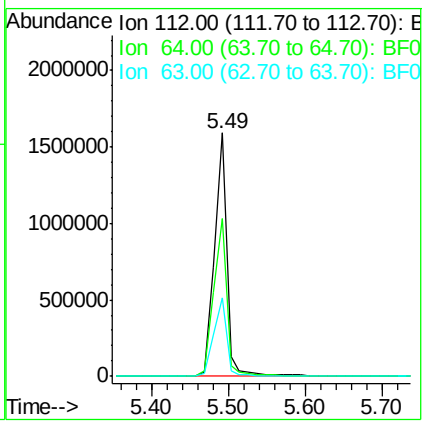


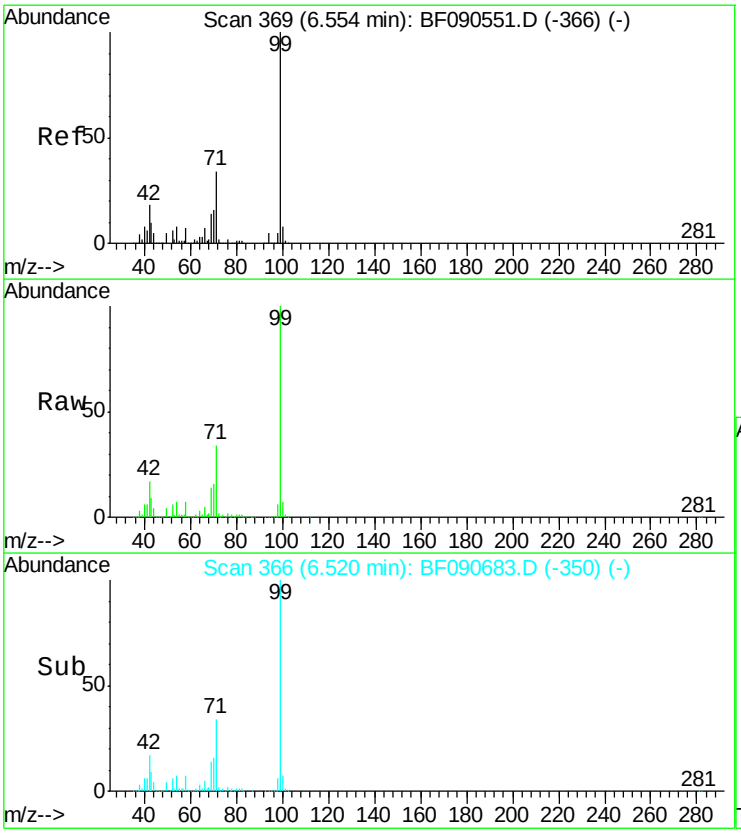

#5
2-Fluorophenol
Concen: 136.49 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:112 Resp: 1791359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.6 | 52.6 | 78.8 |
| 63 | 32.5 | 26.0 | 39.0 |

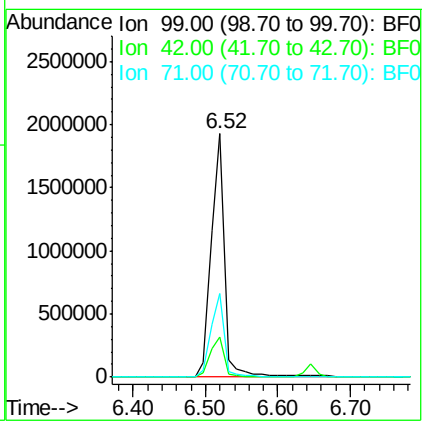


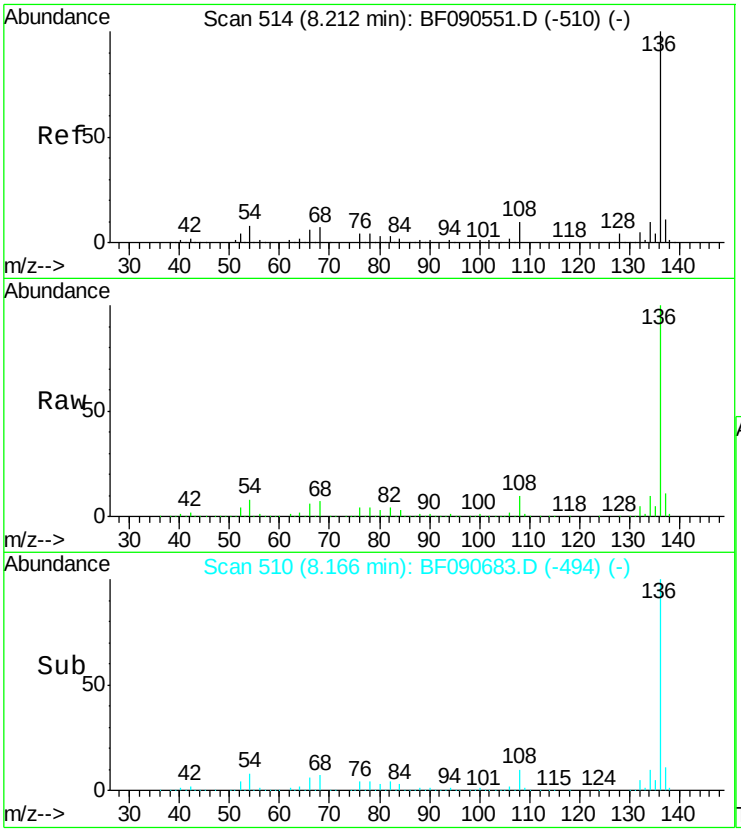




#7
Phenol-d6
Concen: 126.60 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion: 99 Resp: 2469102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 14.7 | 22.1 |
| 71 | 34.1 | 27.6 | 41.4 |



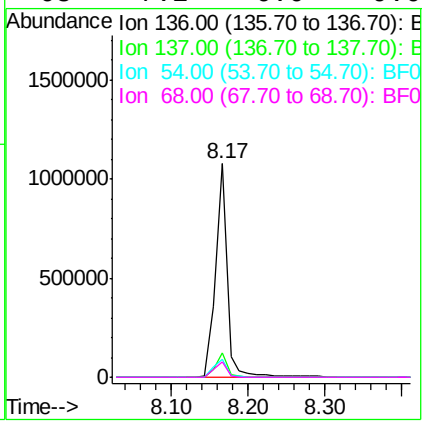


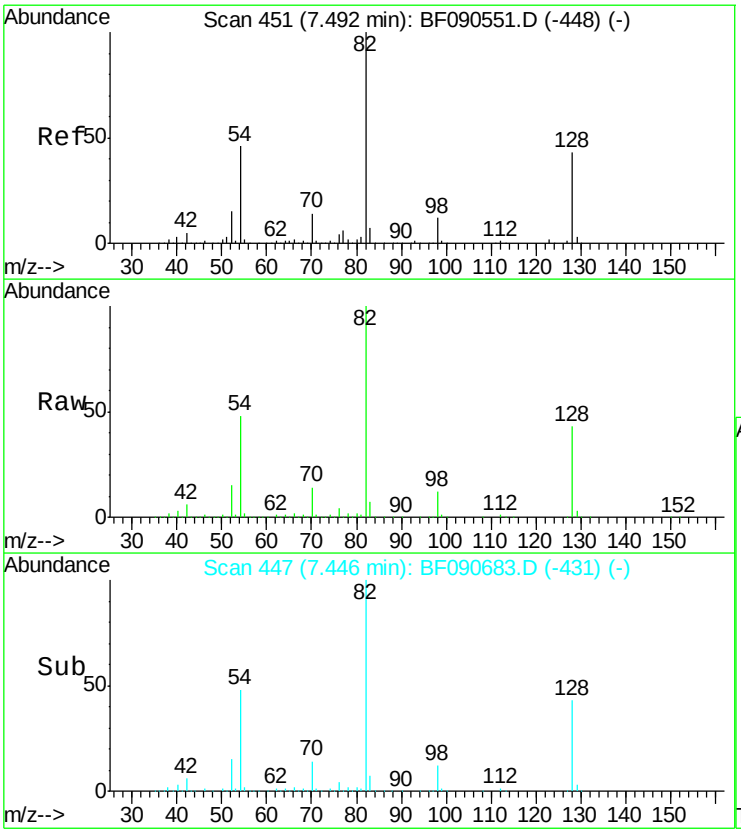

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:136 Resp: 1135159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 8.5 | 6.8 | 10.2 |
| 68 | 7.2 | 6.0 | 9.0 |

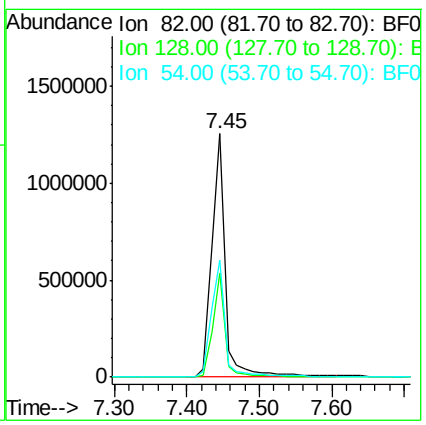


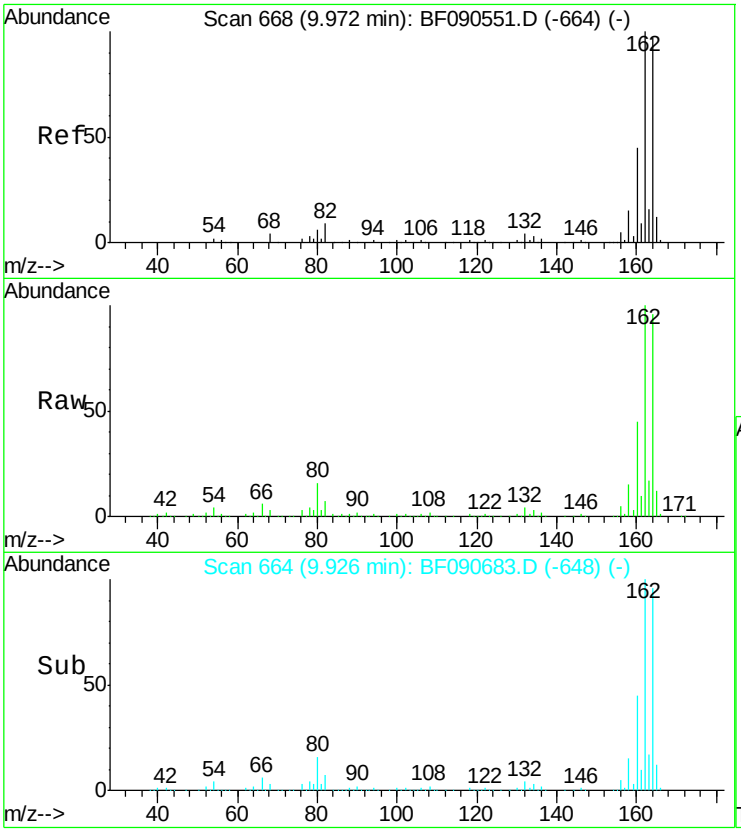




#23
Nitrobenzene-d5
Concen: 79.79 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion: 82 Resp: 1630480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 34.3 | 51.5 |
| 54 | 47.8 | 37.0 | 55.6 |



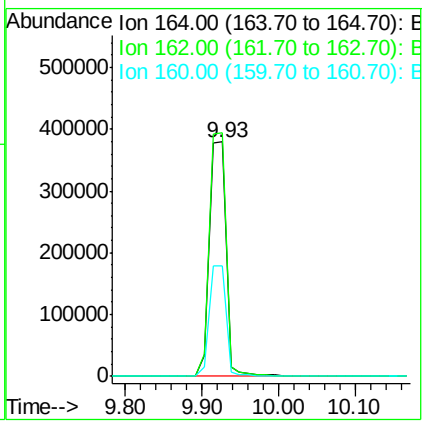


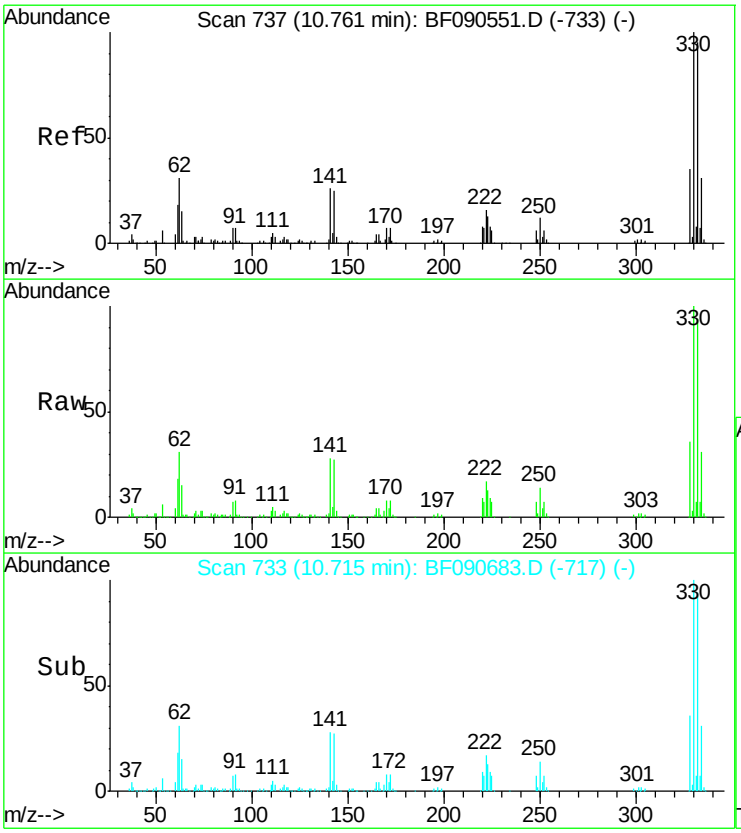

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:164 Resp: 567898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 82.2 | 123.4 |
| 160 | 47.2 | 36.6 | 55.0 |

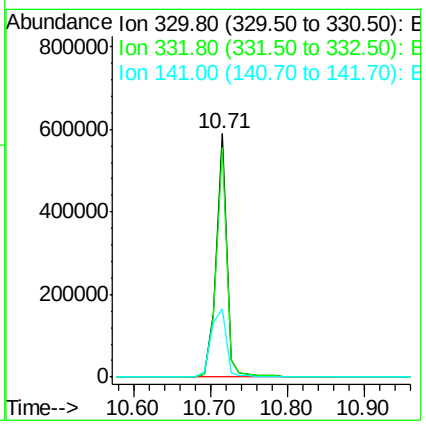


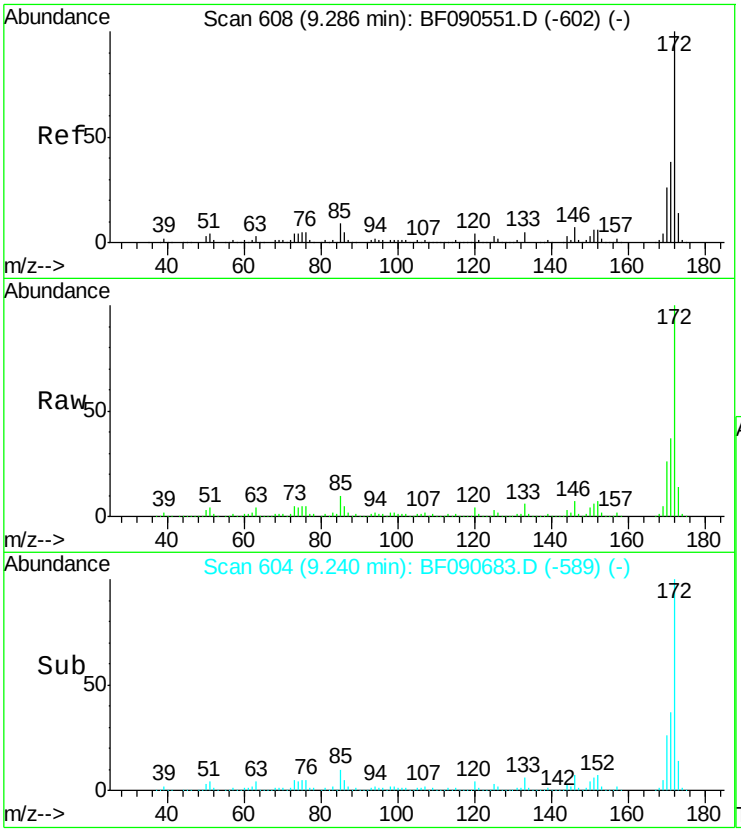




#41
2,4,6-Tribromophenol
Concen: 112.65 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion:330 Resp: 570332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 76.2 | 114.2 |
| 141 | 40.6 | 31.4 | 47.2 |



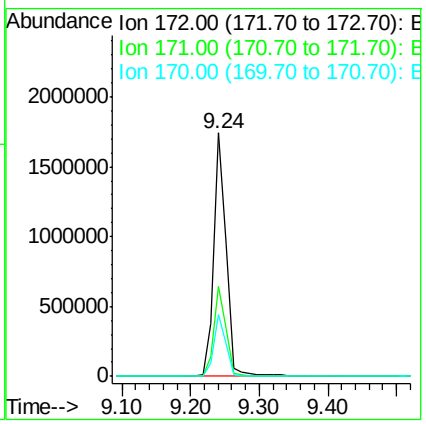


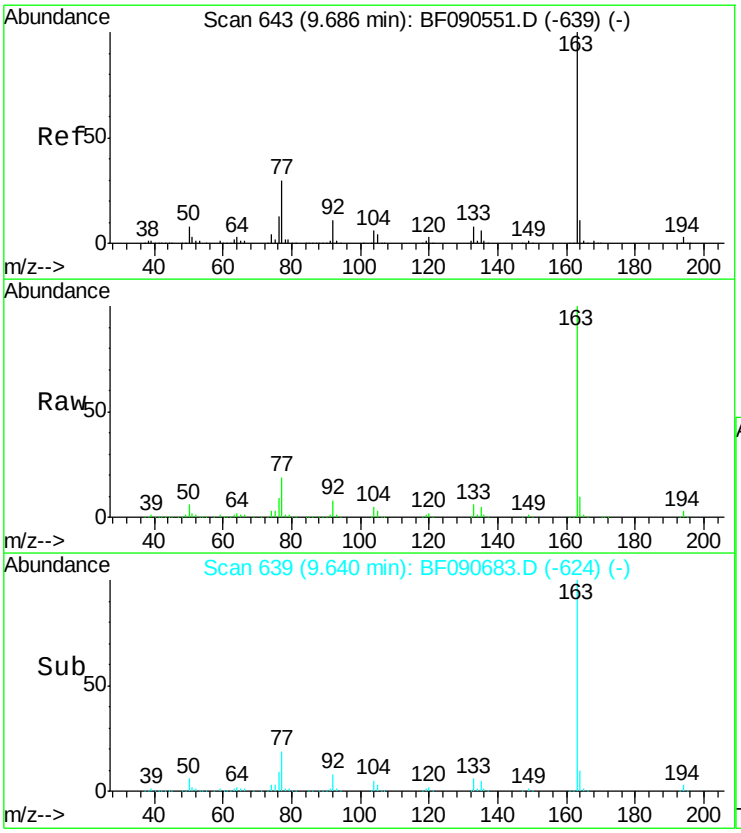

#44
2-Fluorobiphenyl
Concen: 65.01 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:172 Resp: 2240622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 30.1 | 45.1 |
| 170 | 25.6 | 20.6 | 30.8 |

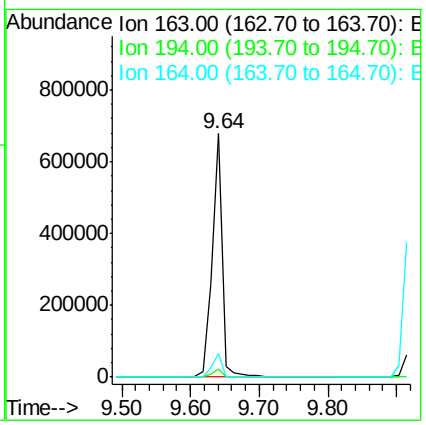


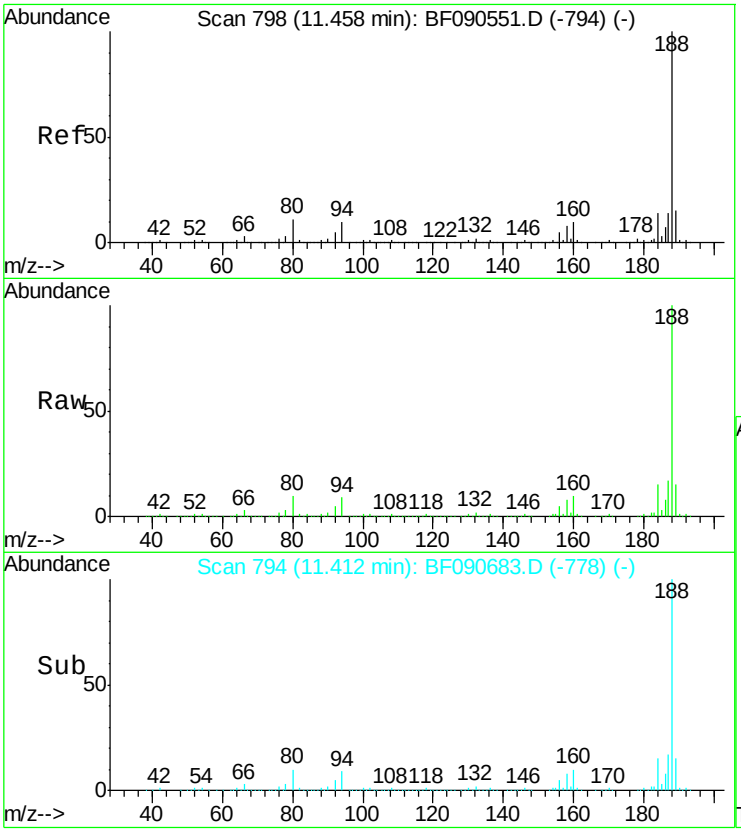




#49
Dimethylphthalate
Concen: 18.98 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion:163 Resp: 699367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.3 | 3.5 |
| 164 | 9.9 | 8.6 | 13.0 |



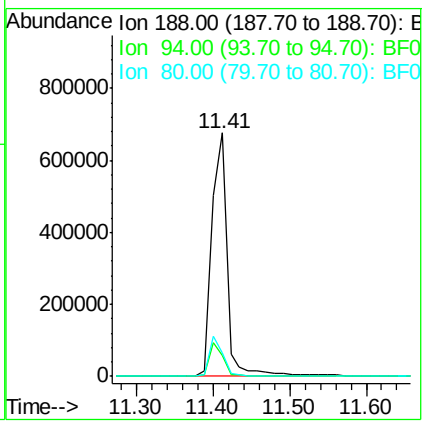


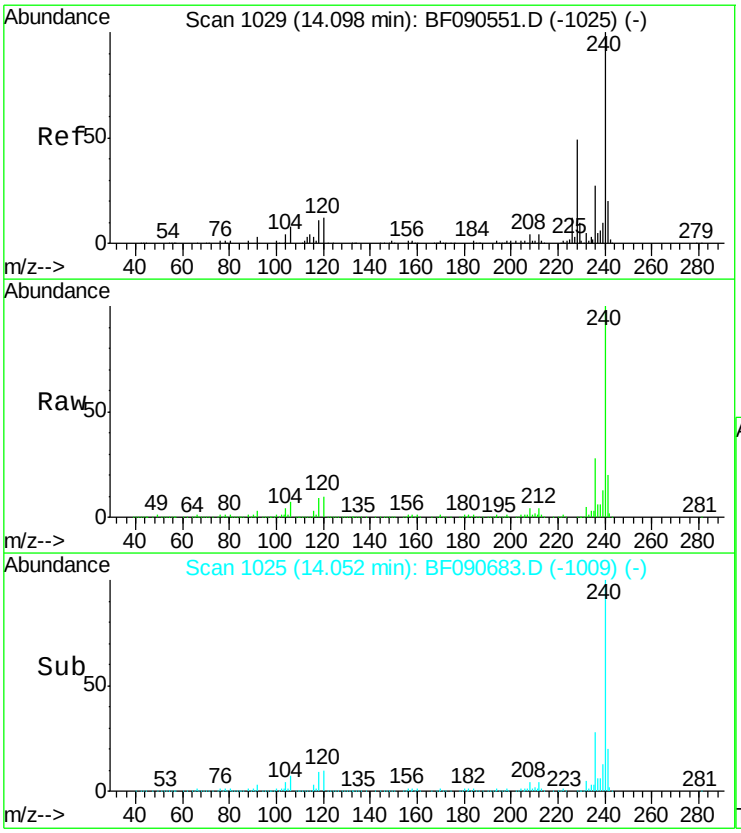

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

Tgt Ion:188 Resp: 934596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 7.7 | 11.5 |
| 80 | 9.6 | 8.6 | 12.8 |

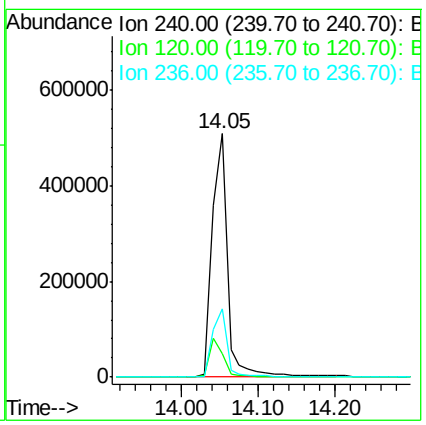


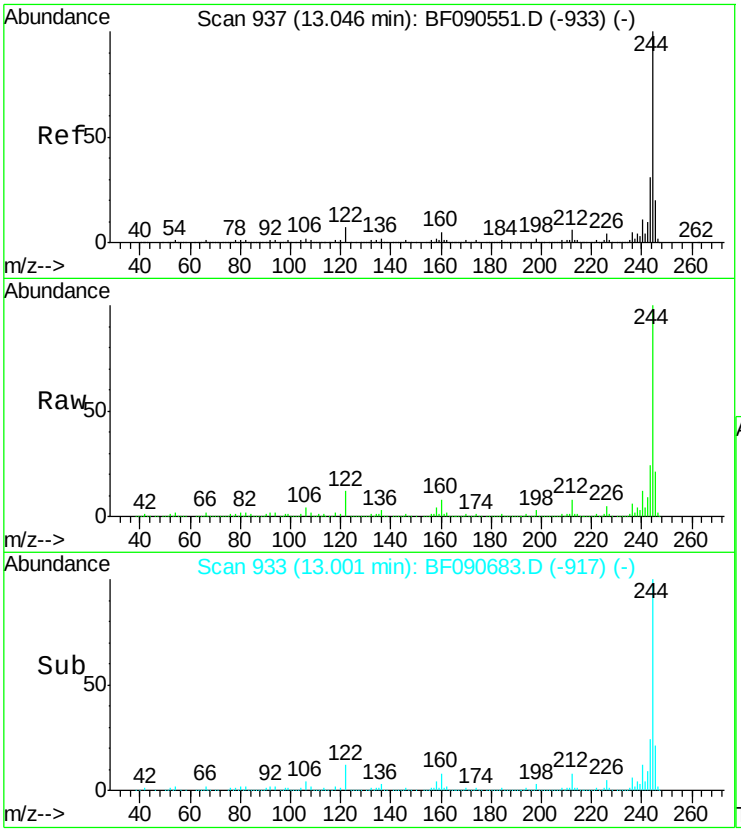




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion:240 Resp: 703003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 9.8 | 14.8# |
| 236 | 27.9 | 21.7 | 32.5 |



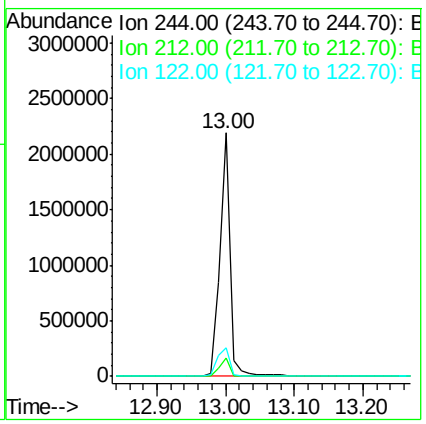


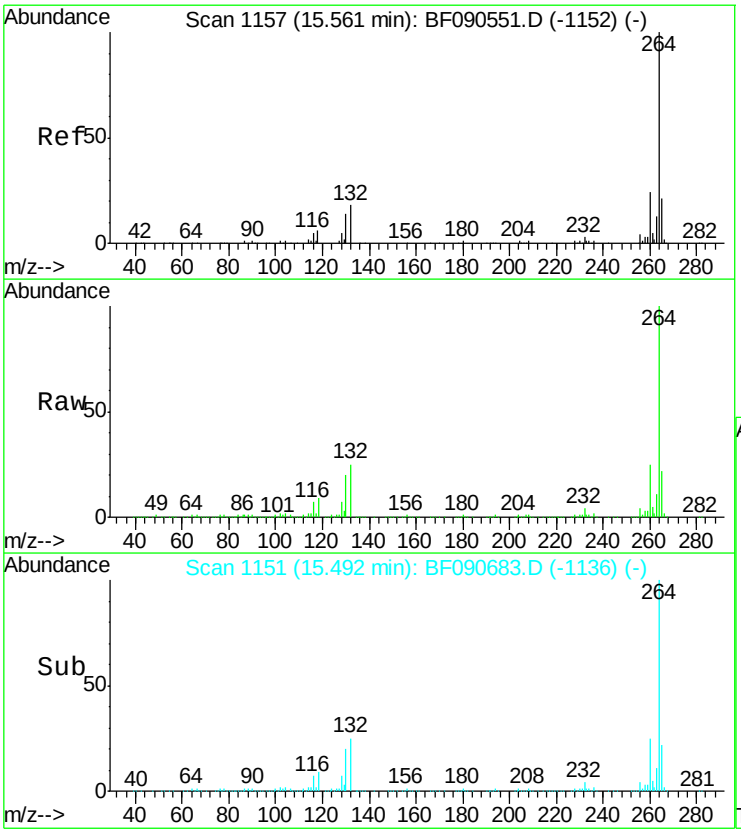

#78
Terphenyl-d14
Concen: 76.65 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

**Instrument :**
BNA_F
**ClientSampleId :**
FO-TANK-END-EAST

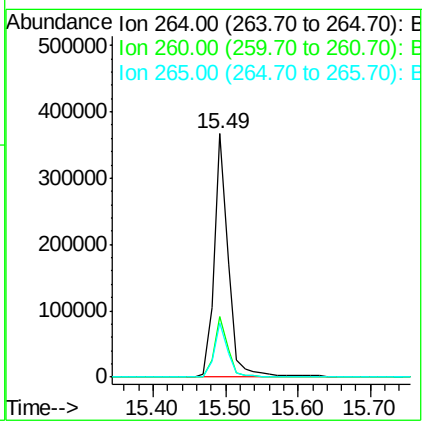
Tgt Ion:244 Resp: 2314391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.0 | 7.4# |
| 122 | 11.9 | 5.6 | 8.4# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090683.D
Acq: 20 Oct 2016 15:42

Tgt Ion:264 Resp: 495393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 19.3 | 28.9 |
| 265 | 22.1 | 16.7 | 25.1 |