Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097530.D
Acq On : 9 Aug 2017 22:01
Operator : SJ/JU
Sample : I4658-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-L9-WSW

Quant Time: Aug 10 13:27:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.40 | 152 | 104102 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 7.68 | 136 | 456907 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 9.42 | 164 | 217257 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 10.90 | 188 | 348263 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 13.52 | 240 | 197914 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 14.86 | 264 | 180310 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 4.99 | 112 | 551729 | 79.90 | ng | -0.02 |
| 7) Phenol-d6 | 6.07 | 99 | 682908 | 86.62 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 6.97 | 82 | 424215 | 54.47 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.21 | 330 | 127324 | 74.17 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 8.76 | 172 | 523466 | 40.89 | ng | -0.02 |
| 78) Terphenyl-d14 | 12.48 | 244 | 361275 | 37.22 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 11) bis(2-Chloroethyl)ether | 6.15 | 93 | 26472 | 3.579 | ng | 94 |
| 49) Dimethylphthalate | 9.16 | 163 | 146193 | 8.861 | ng | 99 |

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

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Acq On : 9 Aug 2017 22:01
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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

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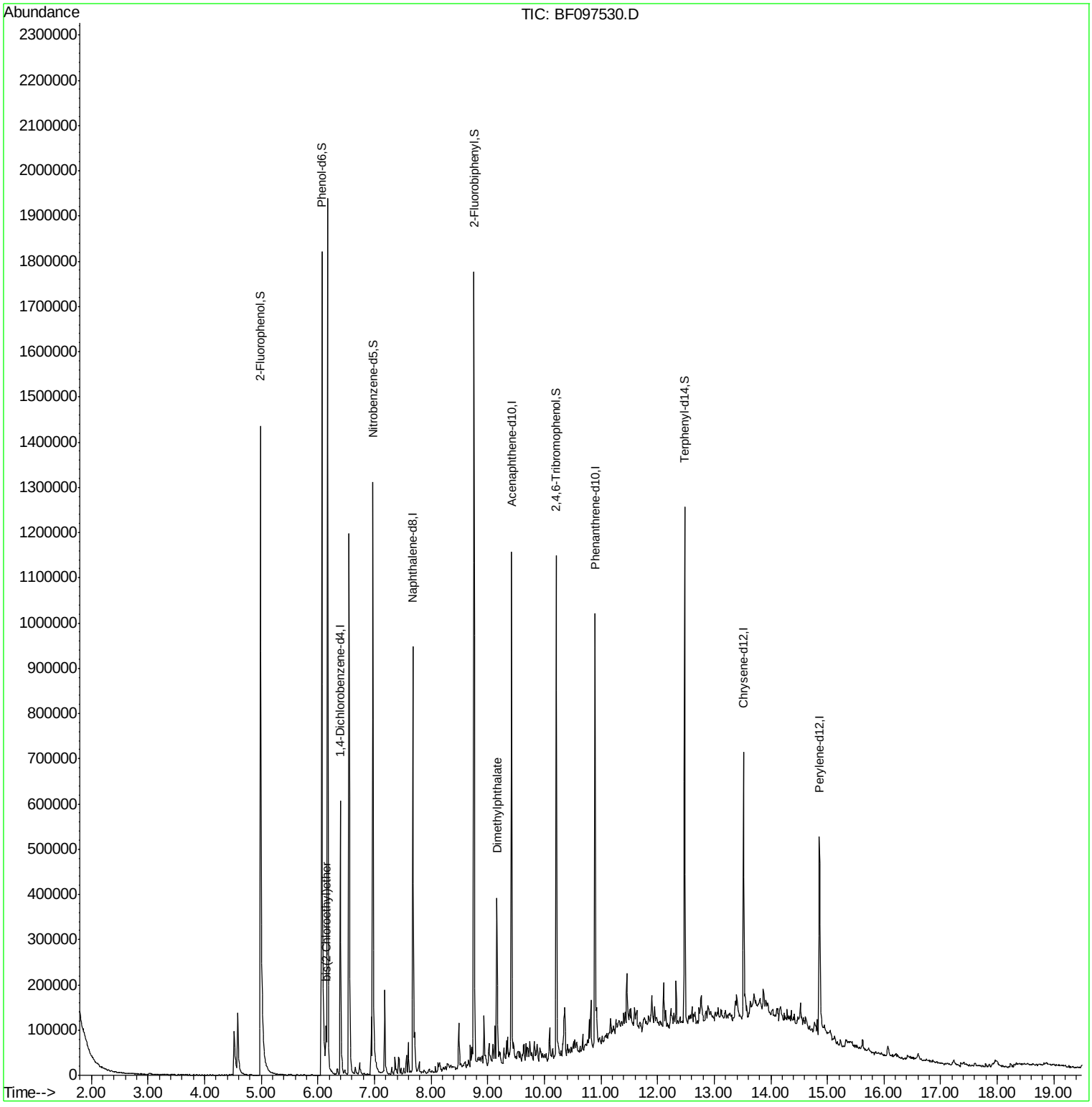
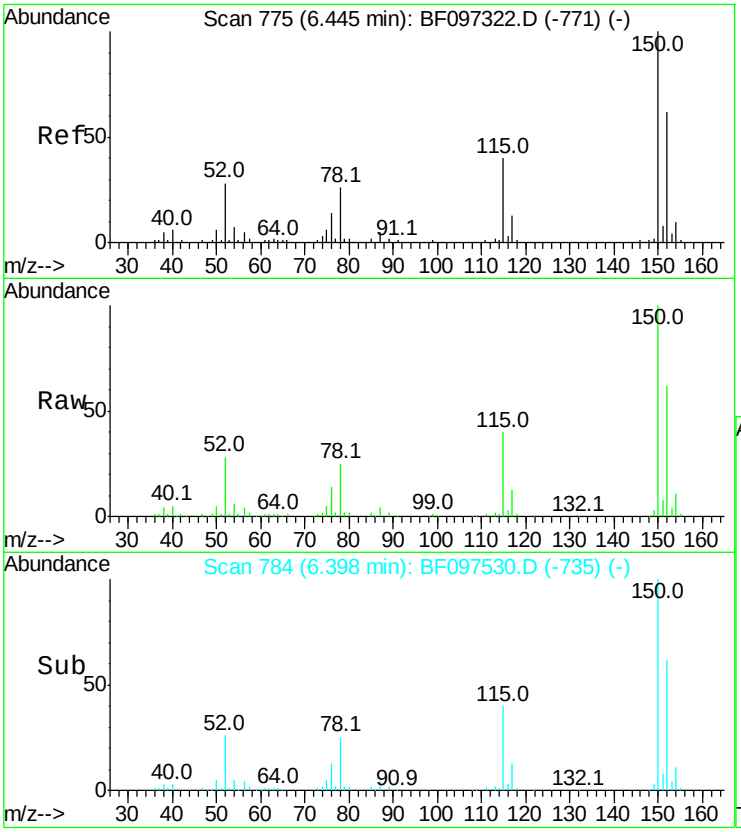


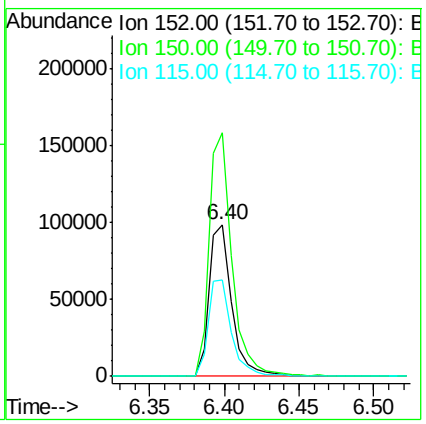


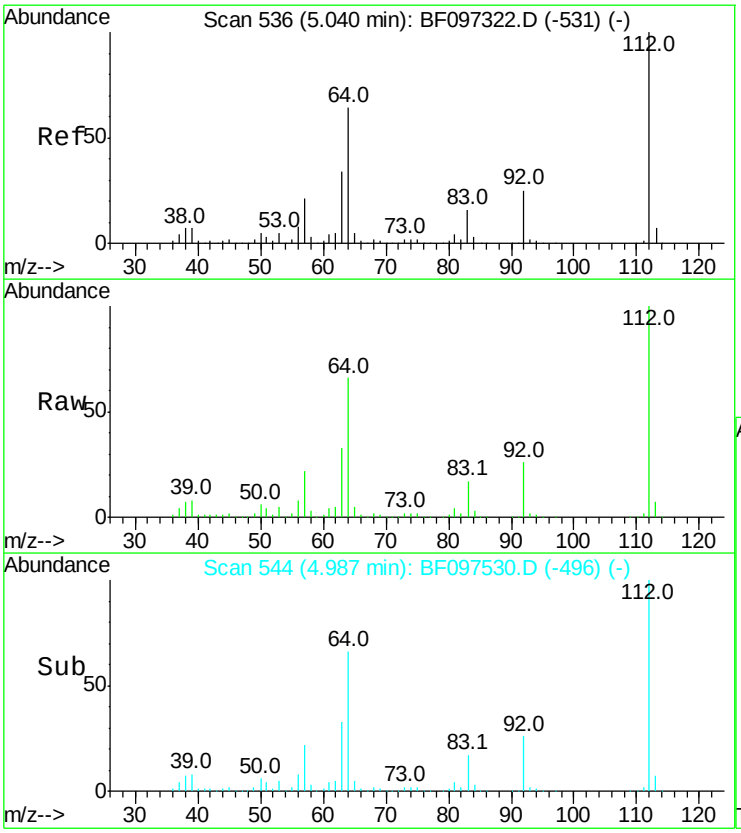

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:152 Resp: 104102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.1 | 126.2 | 189.2 |
| 115 | 63.5 | 52.2 | 78.2 |

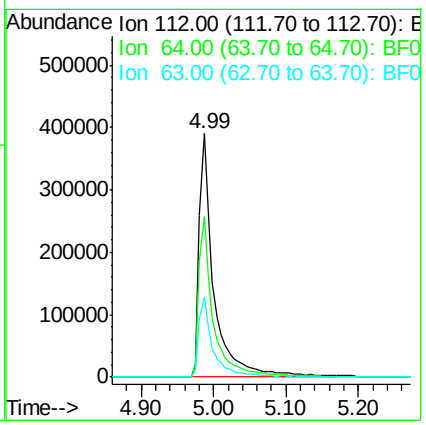


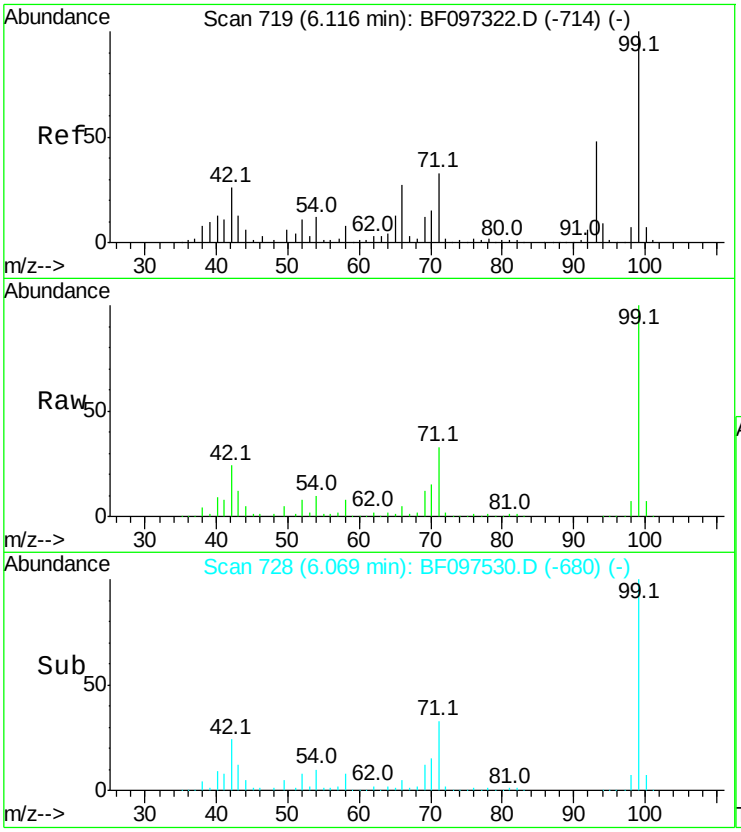




#5
2-Fluorophenol
Concen: 79.895 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:112 Resp: 551729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.8 | 46.0 | 69.0 |
| 63 | 33.0 | 23.4 | 35.0 |



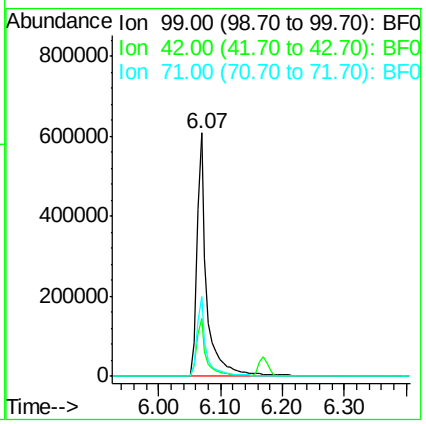


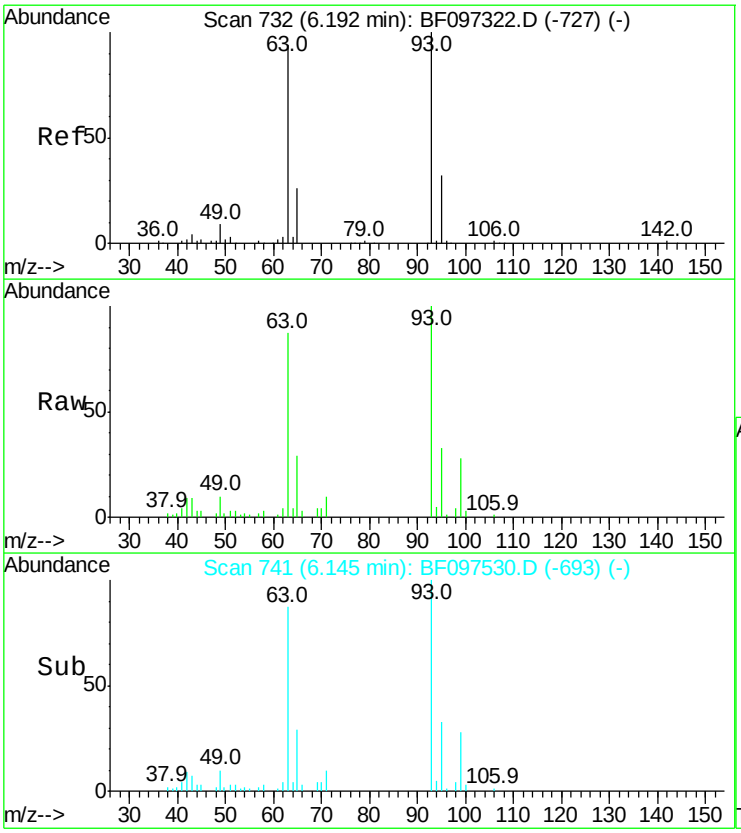

#7
Phenol-d6
Concen: 86.624 ng
RT: 6.07 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion: 99 Resp: 682908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 13.5 | 20.3# |
| 71 | 32.6 | 24.5 | 36.7 |

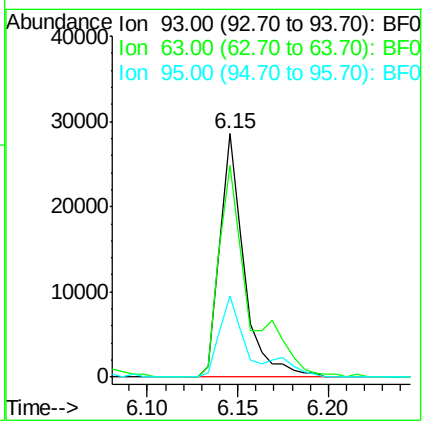


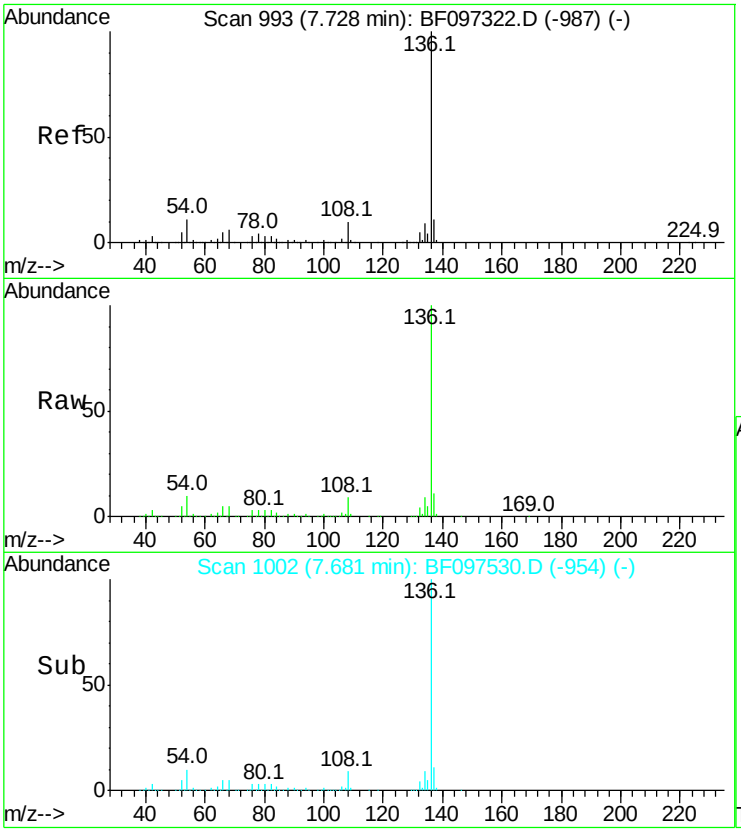




#11
bis(2-Chloroethyl)ether
Concen: 3.579 ng
RT: 6.15 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion: 93 Resp: 26472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.7 | 59.2 | 99.2 |
| 95 | 33.2 | 12.8 | 52.8 |



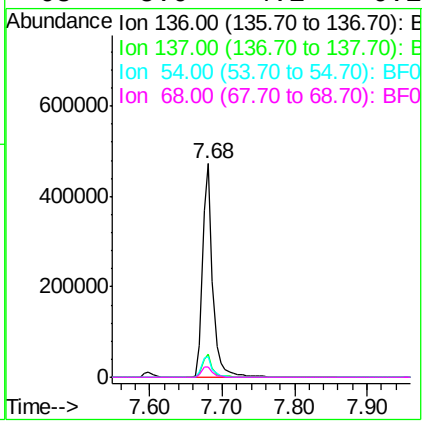


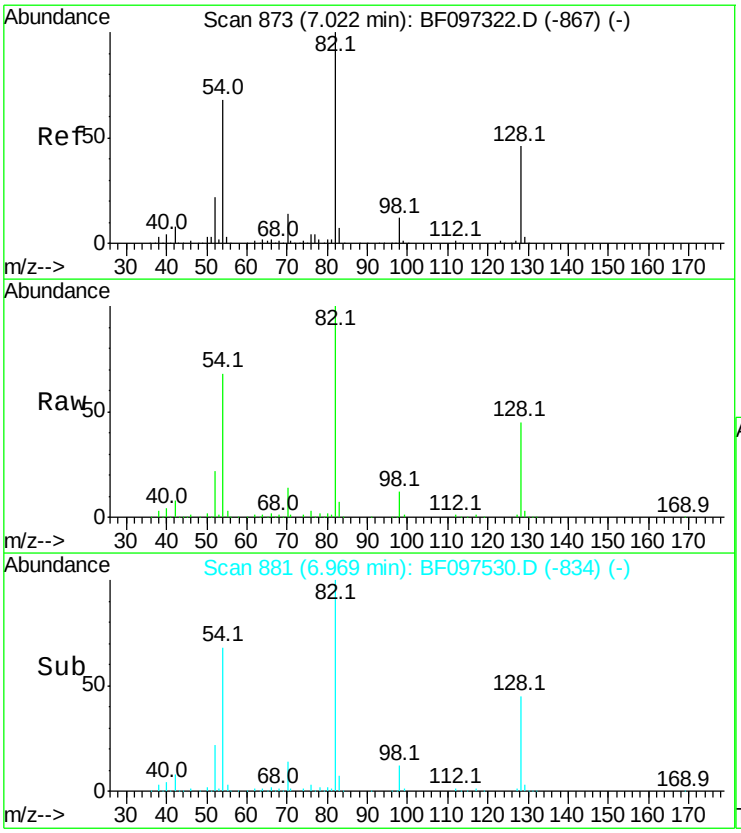

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:136 Resp: 456907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.5 | 12.7 |
| 54 | 9.8 | 4.9 | 7.3# |
| 68 | 5.0 | 4.1 | 6.1 |

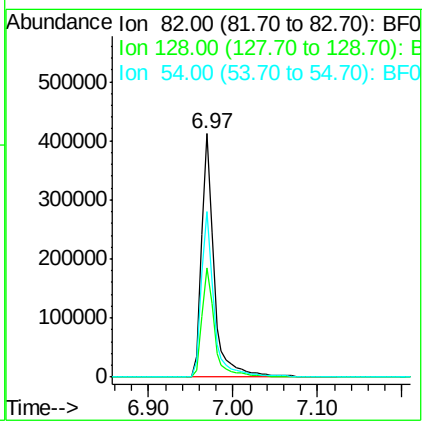


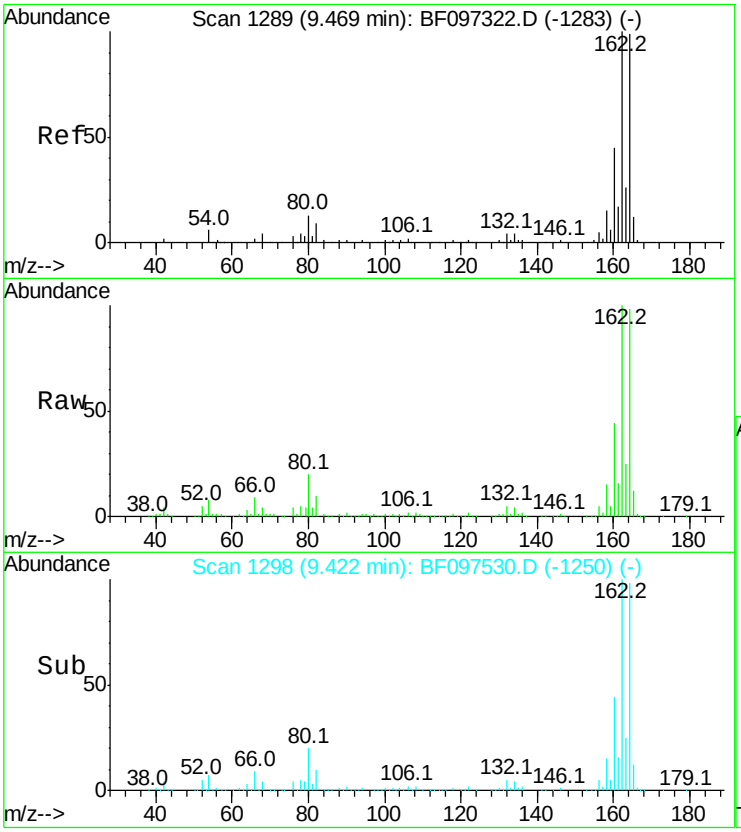




#23
Nitrobenzene-d5
Concen: 54.467 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion: 82 Resp: 424215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.9 | 34.0 | 51.0 |
| 54 | 67.8 | 42.2 | 63.2# |



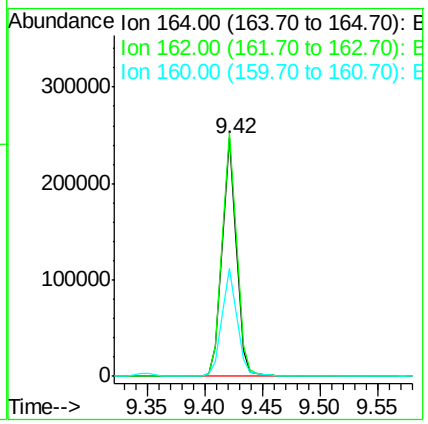


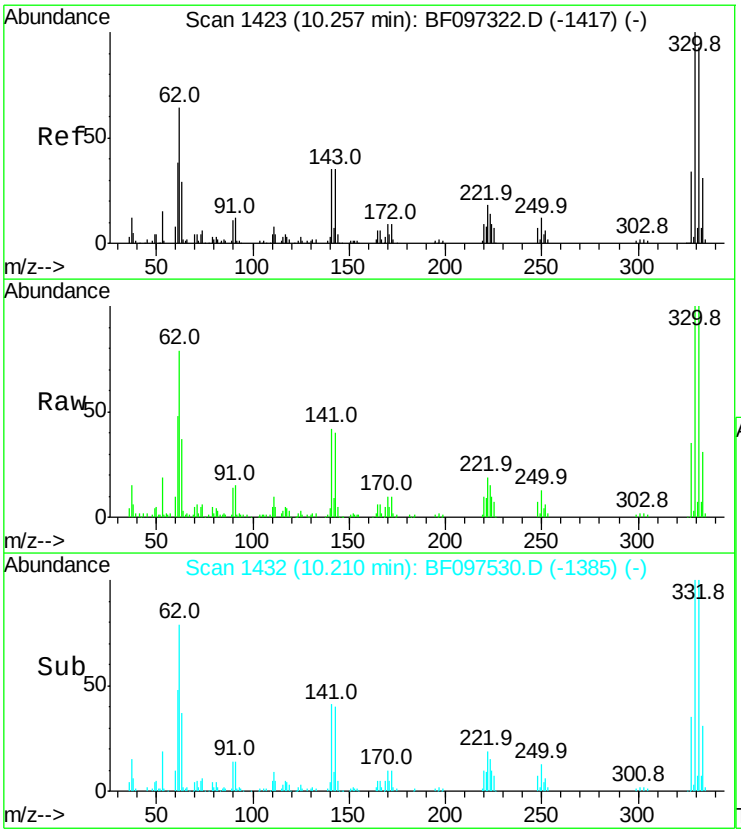

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:164 Resp: 217257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 82.6 | 123.8 |
| 160 | 45.3 | 36.2 | 54.2 |

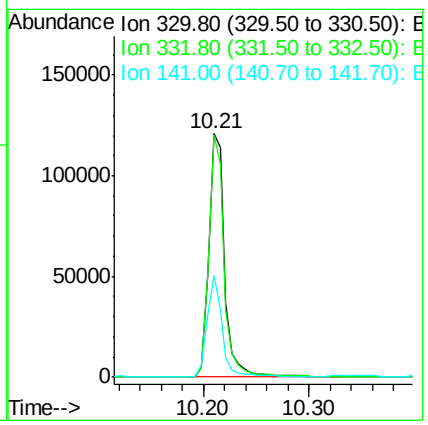


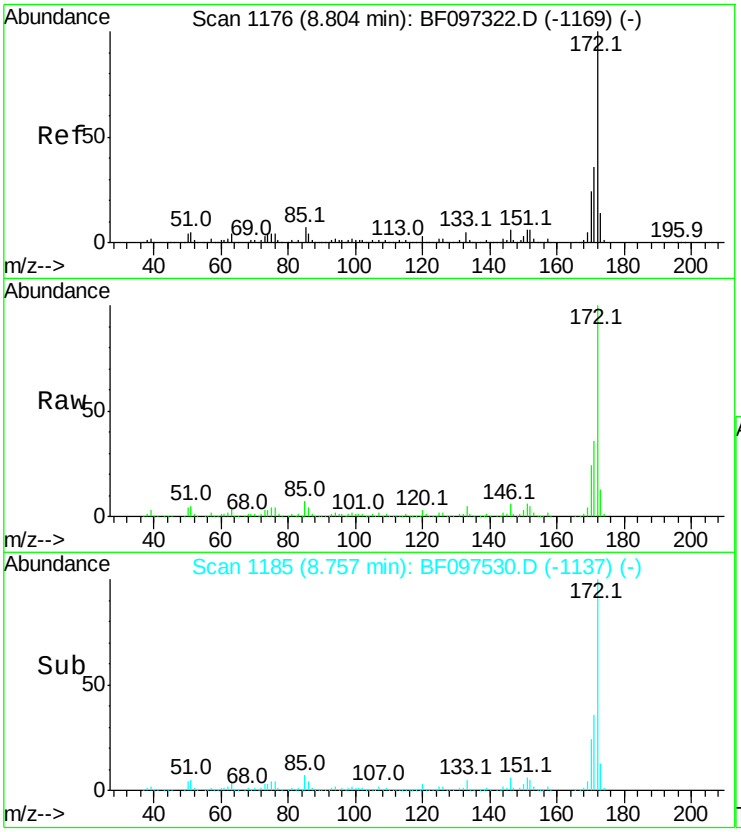




#41
2,4,6-Tribromophenol
Concen: 74.175 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:330 Resp: 127324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.6 | 115.0 |
| 141 | 40.0 | 31.4 | 47.2 |



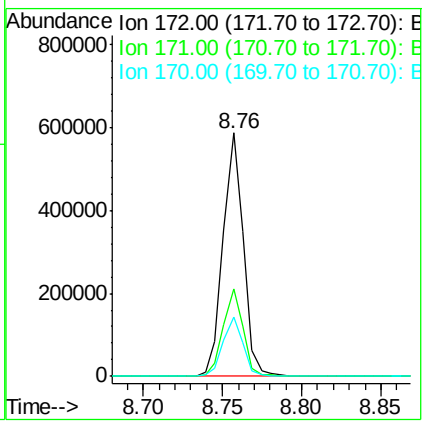


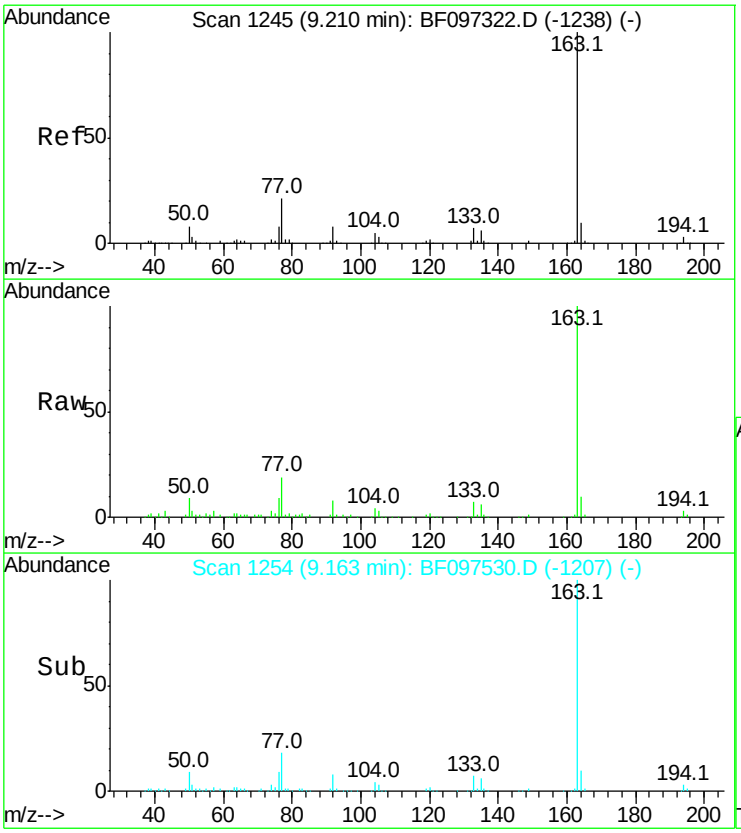

#44
2-Fluorobiphenyl
Concen: 40.890 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:172 Resp: 523466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.6 | 44.4 |
| 170 | 24.4 | 19.8 | 29.8 |

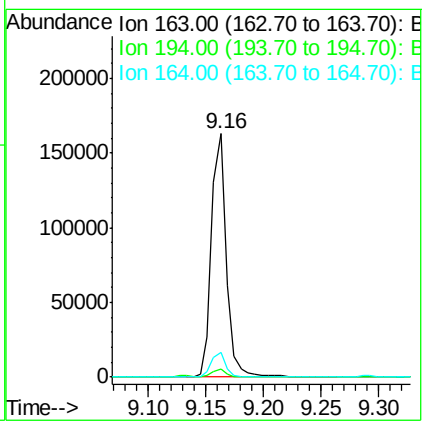


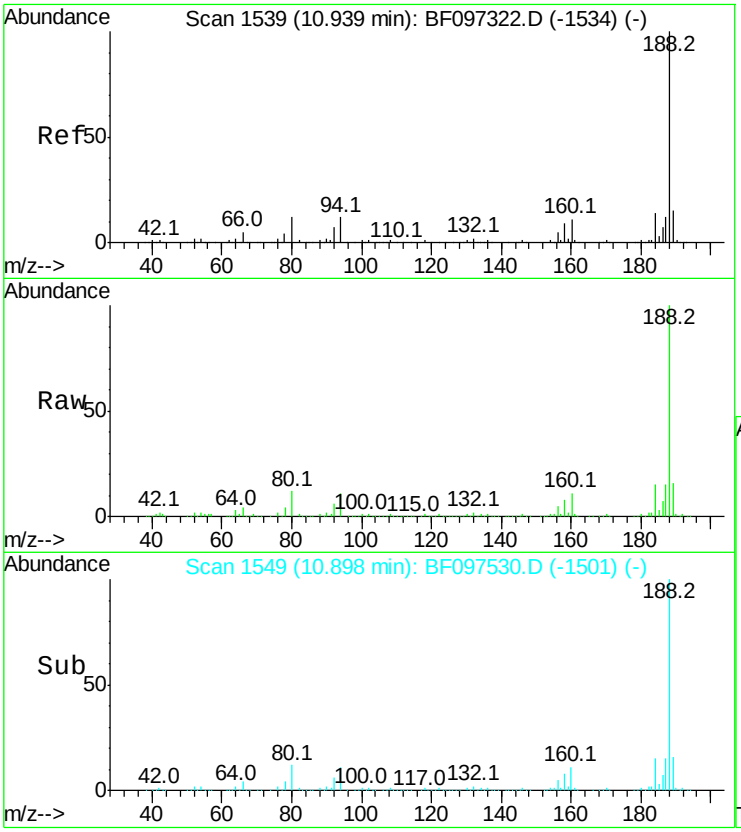




#49
Dimethylphthalate
Concen: 8.861 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:163 Resp: 146193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.6 | 4.0 |
| 164 | 10.0 | 8.4 | 12.6 |



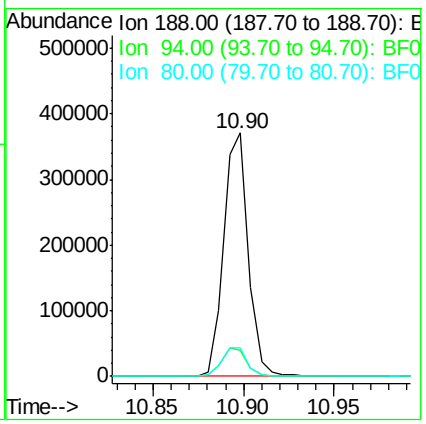


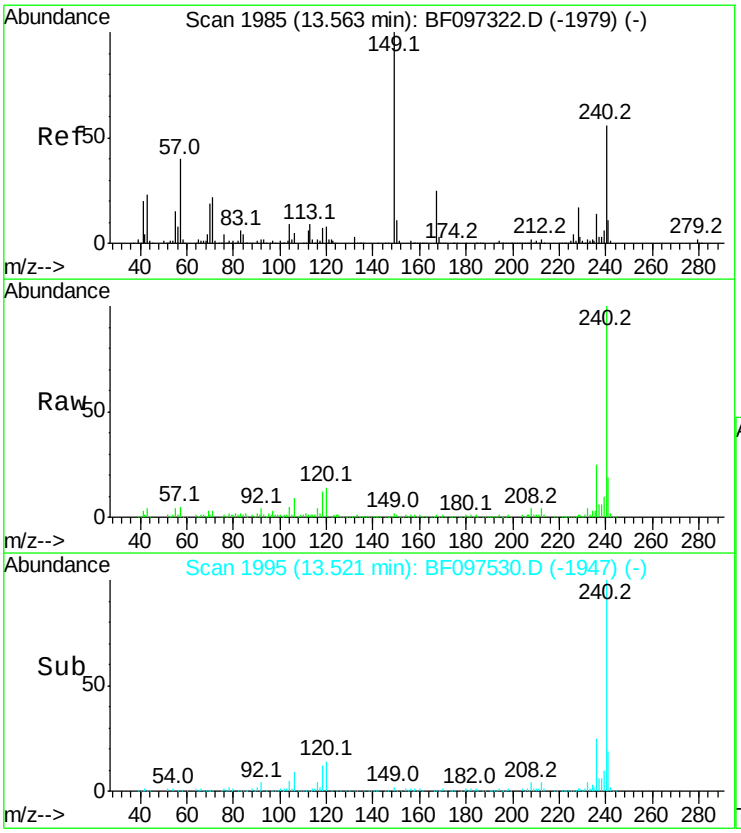

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:188 Resp: 348263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 9.4 | 14.2 |
| 80 | 11.6 | 10.2 | 15.2 |

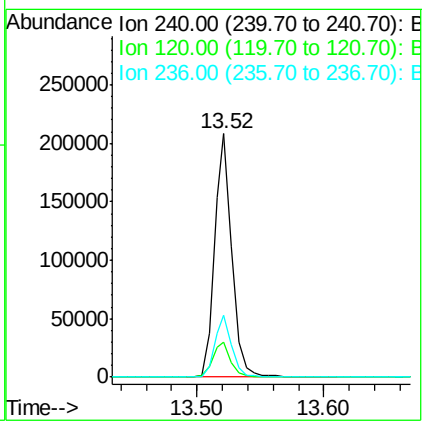


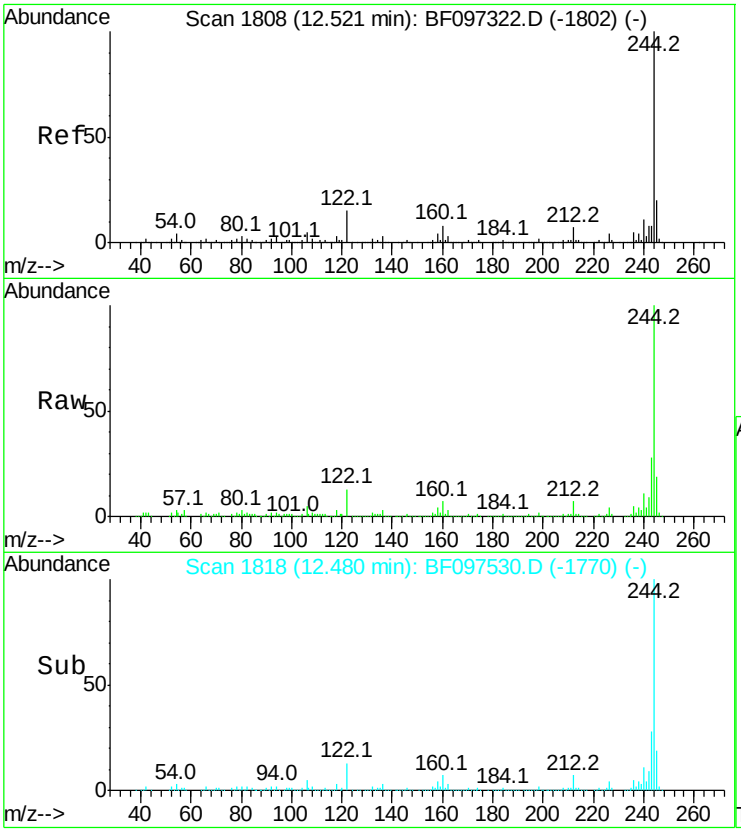




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:240 Resp: 197914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.3 | 5.8 | 8.8# |
| 236 | 25.5 | 20.5 | 30.7 |



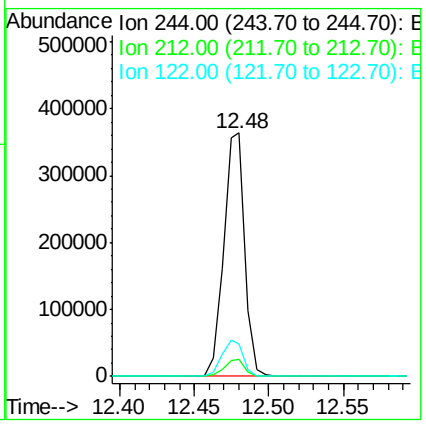


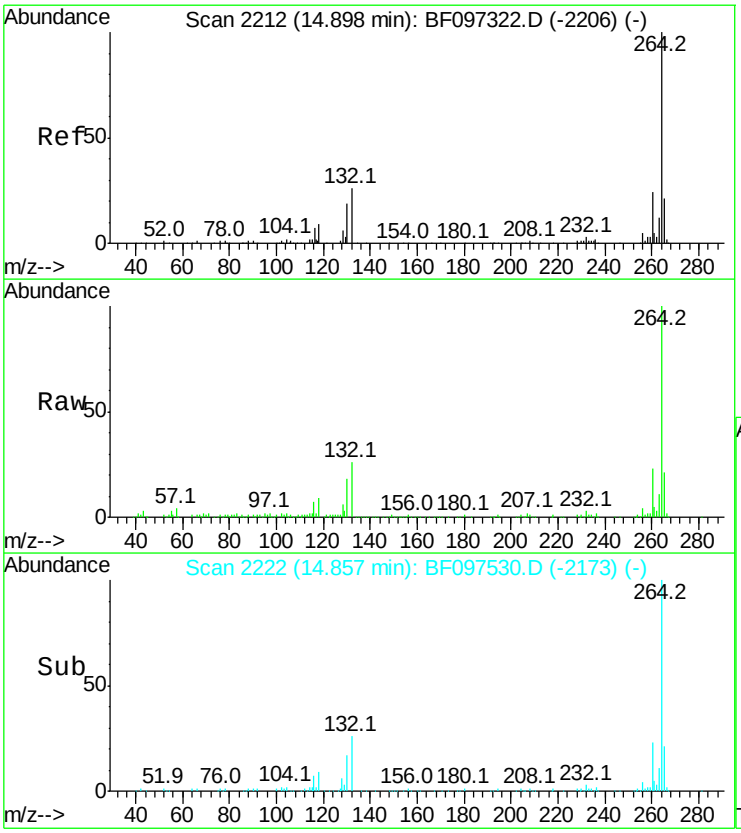

#78
Terphenyl-d14
Concen: 37.218 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

**Instrument :**
BNA_F
**ClientSampleId :**
E2-L9-WSW

Tgt Ion:244 Resp: 361275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.0 | 9.0 |
| 122 | 13.2 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:264 Resp: 180310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.5 | 29.3 |
| 265 | 21.3 | 17.2 | 25.8 |