Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098449.D
Acq On : 12 Sep 2017 14:44
Operator : SJ/JU
Sample : I5156-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-GF-02-011-A

Quant Time: Sep 12 15:18:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.66 | 152 | 214599 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 7.95 | 136 | 916944 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.69 | 164 | 405887 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.17 | 188 | 720946 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.80 | 240 | 423133 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.21 | 264 | 396246 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.27 | 112 | 1373286 | 94.62 | ng | 0.00 |
| 7) Phenol-d6 | 6.32 | 99 | 1721936 | 93.44 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.23 | 82 | 1042128 | 63.36 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 275880 | 101.84 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.02 | 172 | 1482612 | 61.91 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.76 | 244 | 1107170 | 56.48 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.32 | 94 | 60607 | 2.831 | ng | 90 |
| 49) Dimethylphthalate | 9.42 | 163 | 162890 | 5.184 | ng | 99 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098449.D
Acq On : 12 Sep 2017 14:44
Operator : SJ/JU
Sample : I5156-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Quant Time: Sep 12 15:18:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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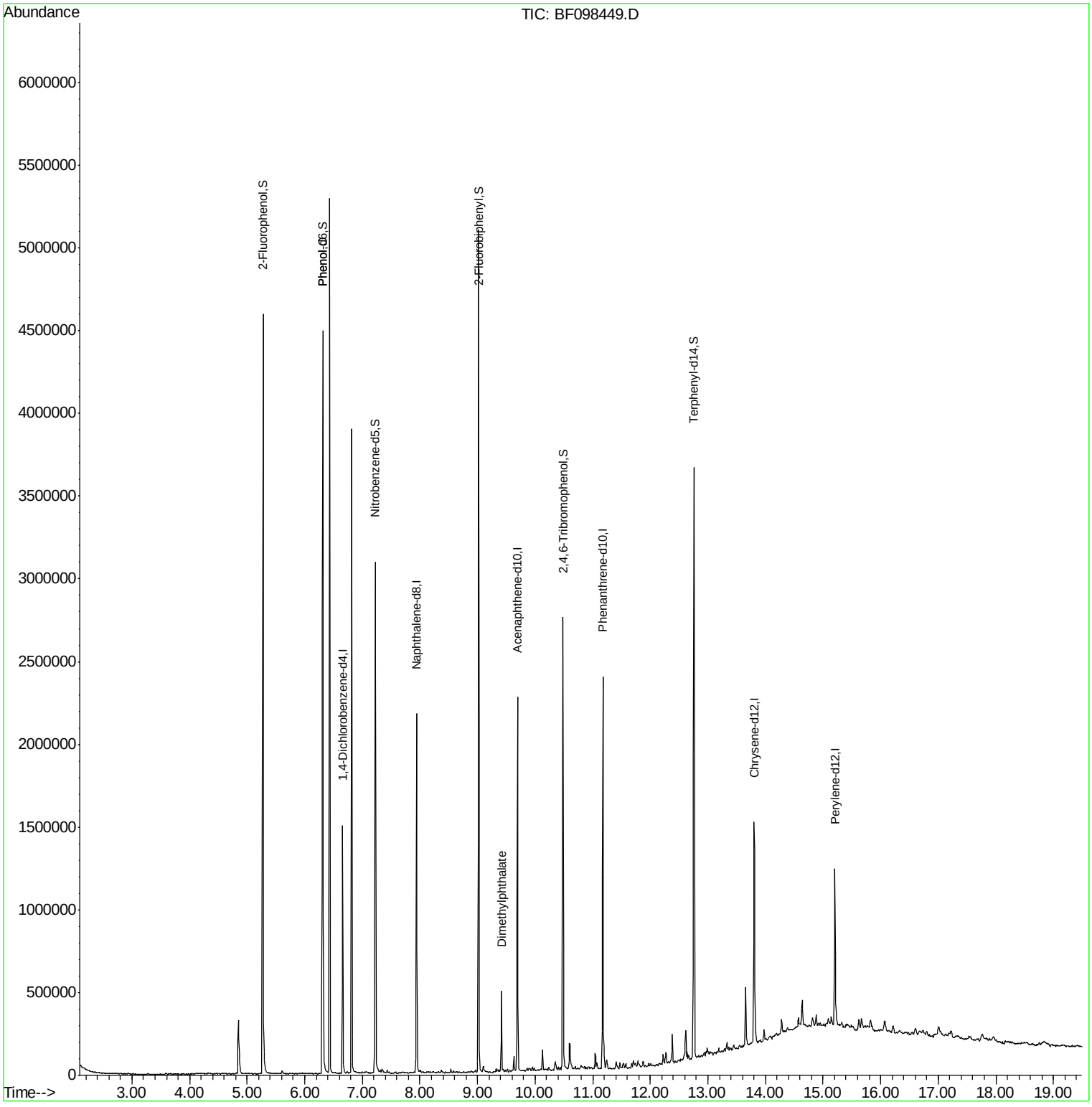
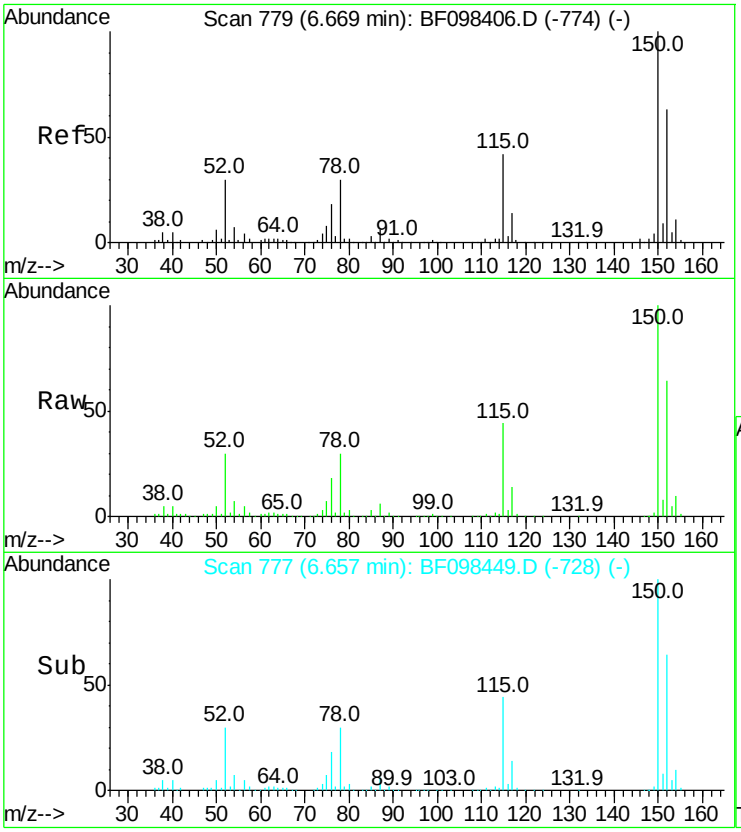


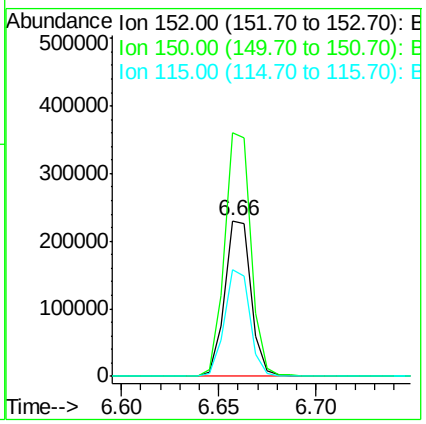


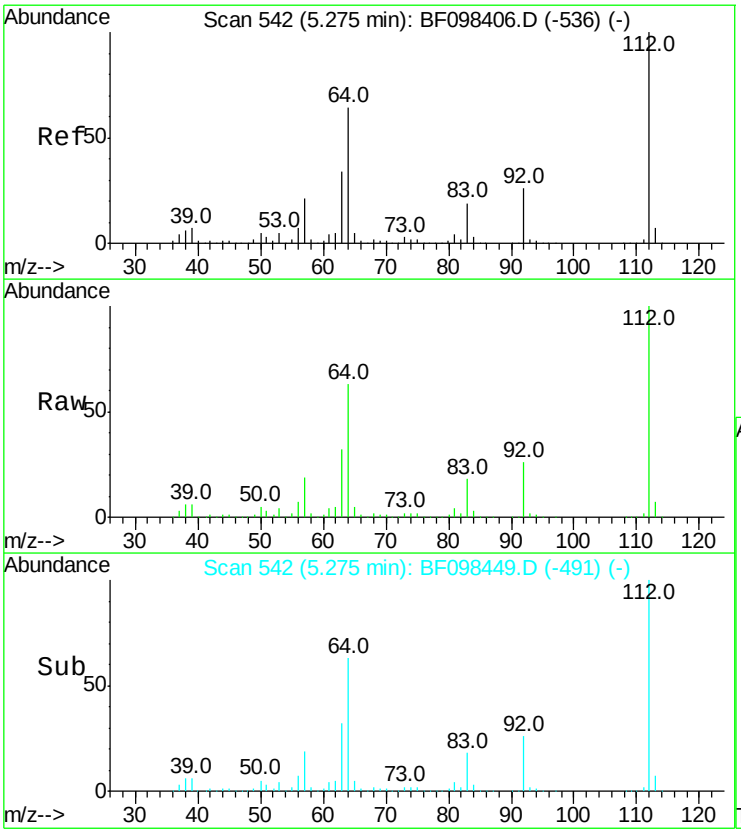

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Tgt Ion:152 Resp: 214599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 126.2 | 189.2 |
| 115 | 68.6 | 52.2 | 78.2 |

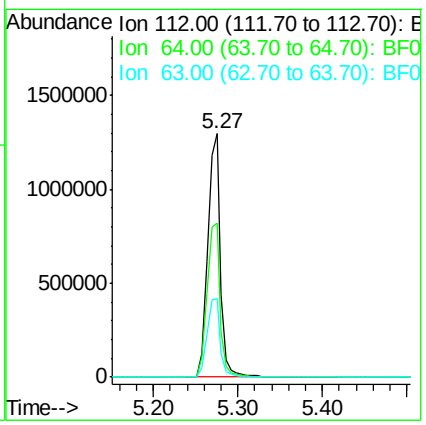


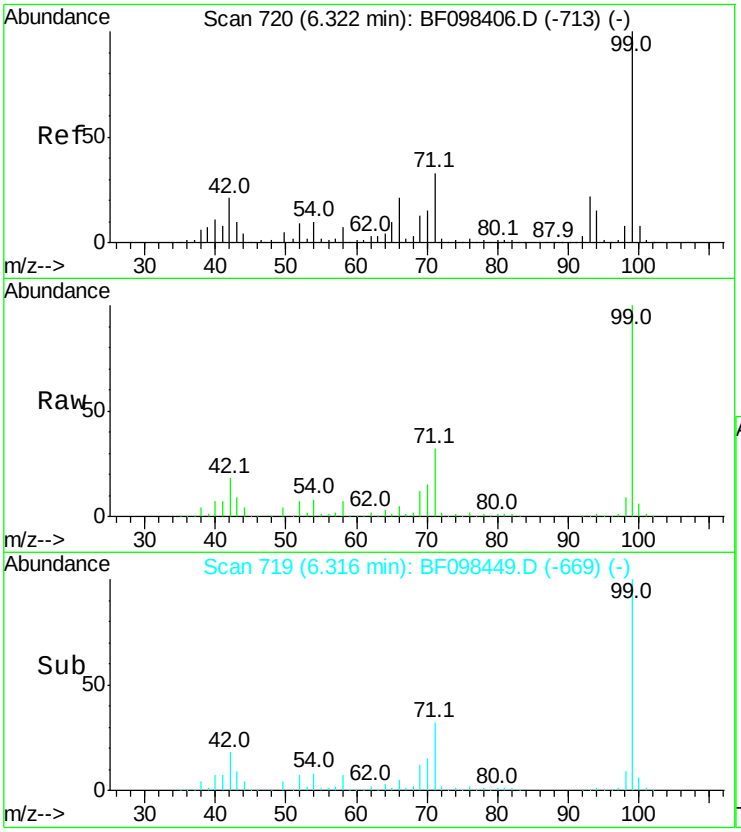




#5
2-Fluorophenol
Concen: 94.615 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:112 Resp: 1373286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.4 | 46.0 | 69.0 |
| 63 | 32.4 | 23.4 | 35.0 |



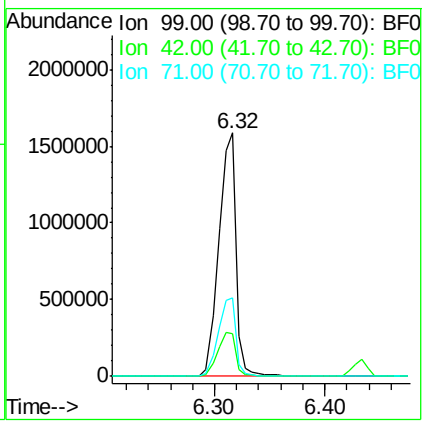


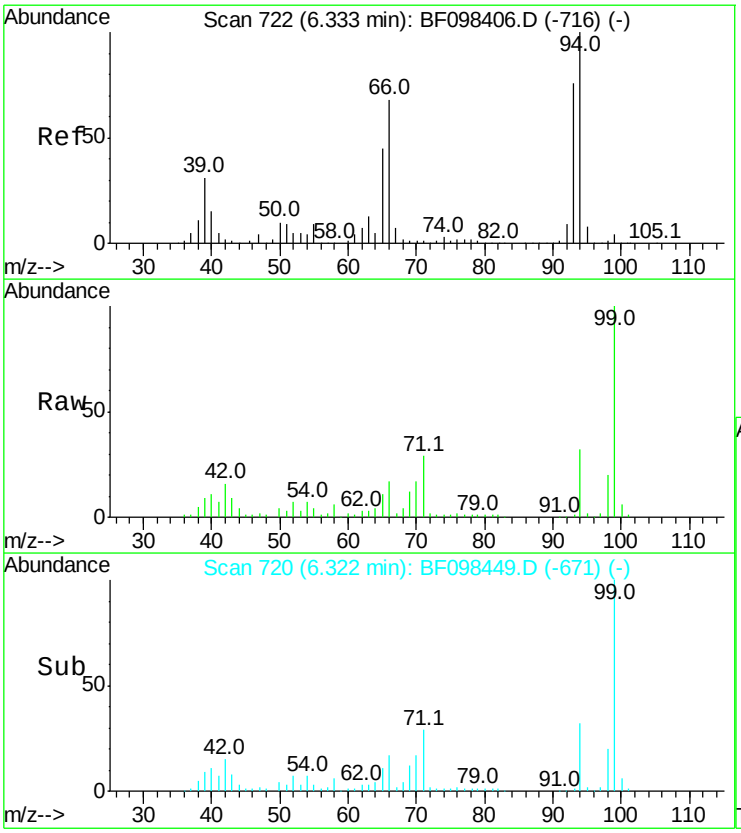

#7
Phenol-d6
Concen: 93.439 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Tgt Ion: 99 Resp: 1721936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 13.5 | 20.3 |
| 71 | 32.5 | 24.5 | 36.7 |

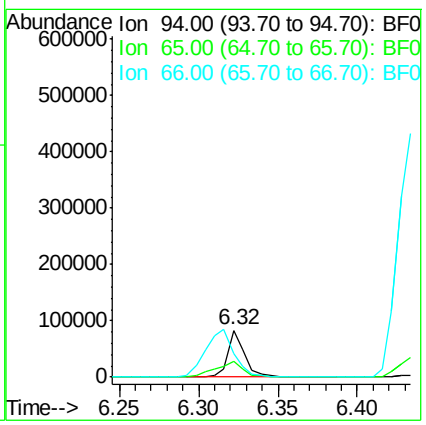


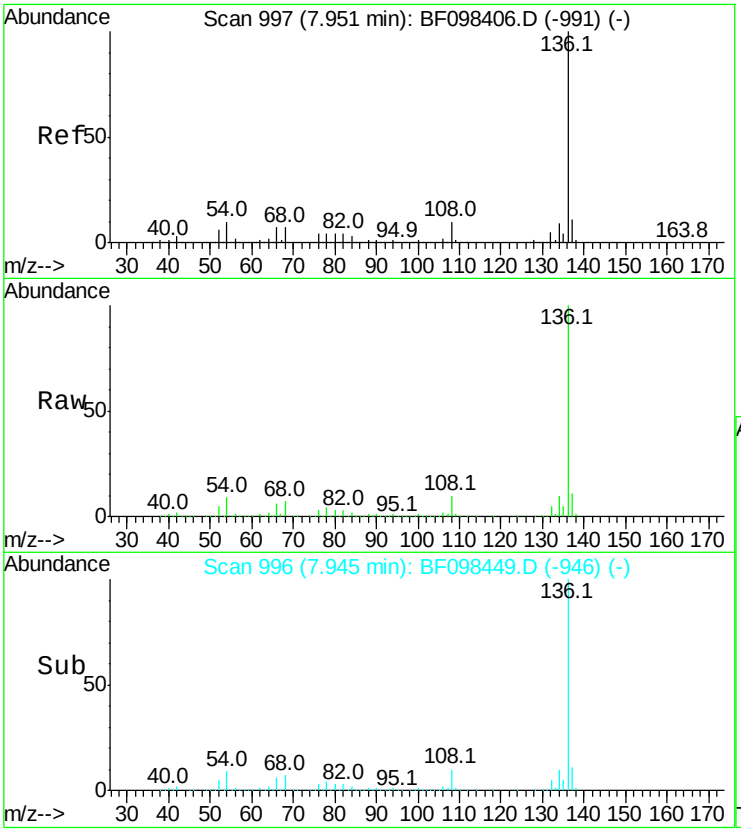




#10
Phenol
Concen: 2.831 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion: 94 Resp: 60607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.5 | 9.9 | 49.9 |
| 66 | 51.5 | 23.1 | 63.1 |



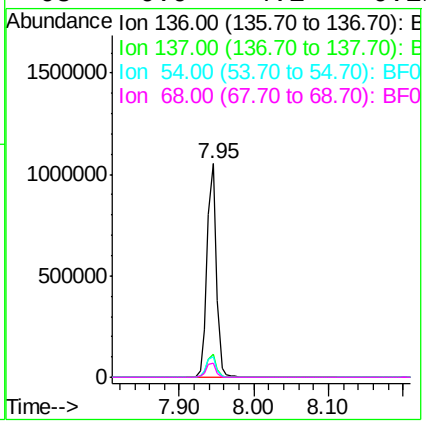


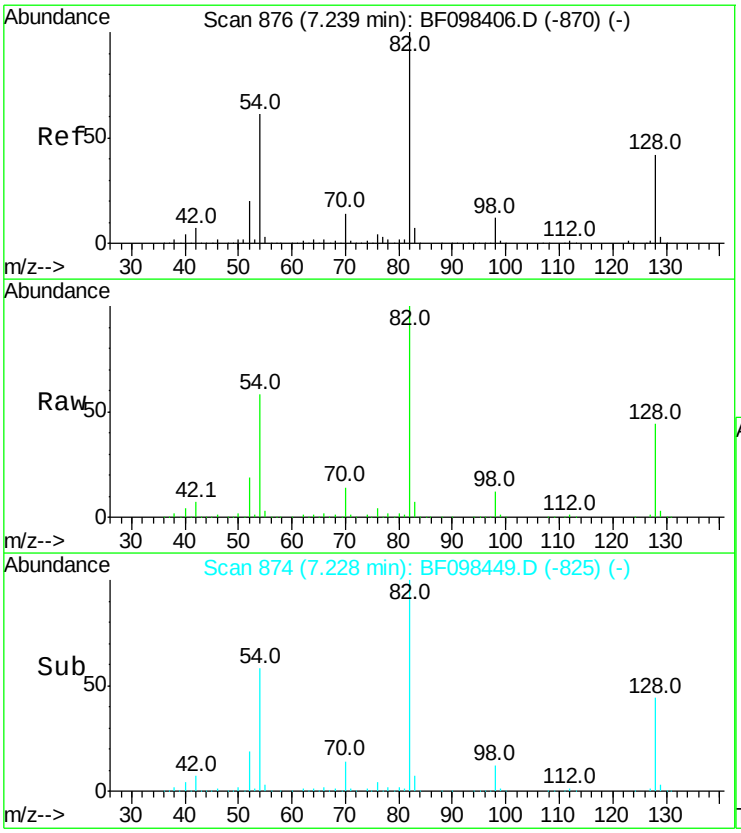

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Tgt Ion:136 Resp: 916944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.5 | 12.7 |
| 54 | 9.4 | 4.9 | 7.3# |
| 68 | 6.9 | 4.1 | 6.1# |

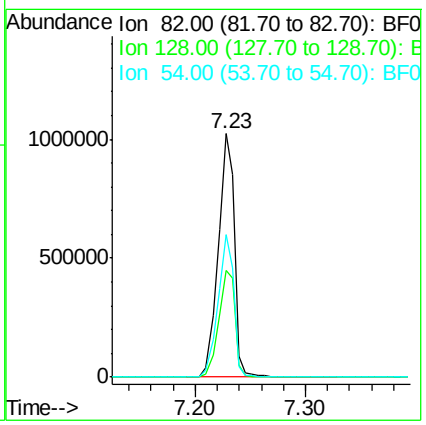


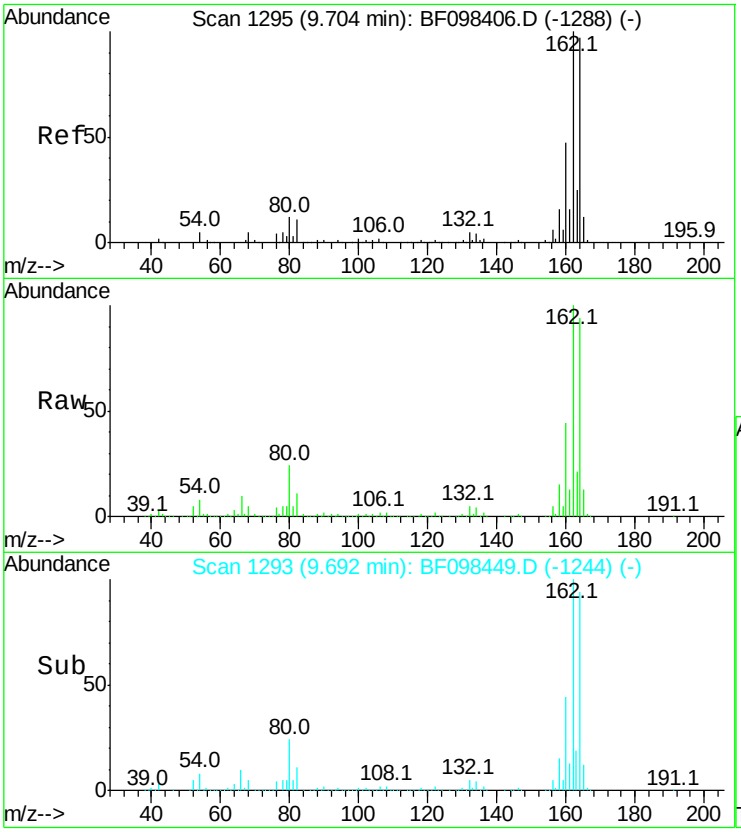




#23
Nitrobenzene-d5
Concen: 63.361 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion: 82 Resp: 1042128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 34.0 | 51.0 |
| 54 | 58.4 | 42.2 | 63.2 |



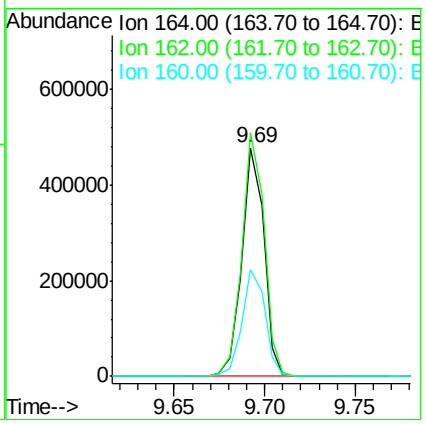


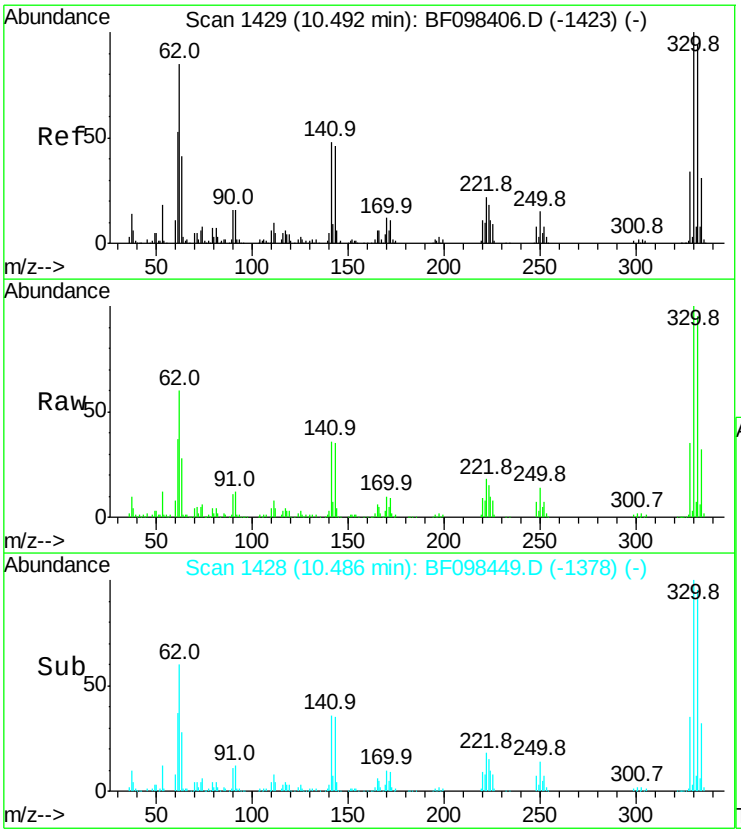

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Tgt Ion:164 Resp: 405887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.4 | 82.6 | 123.8 |
| 160 | 46.6 | 36.2 | 54.2 |

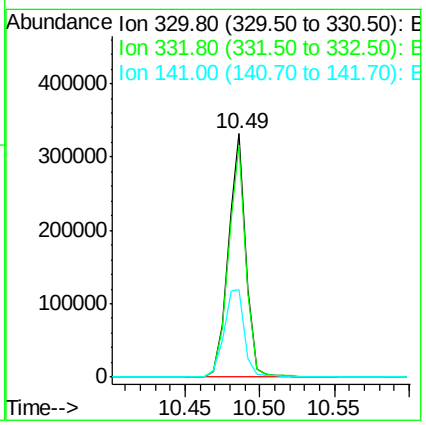


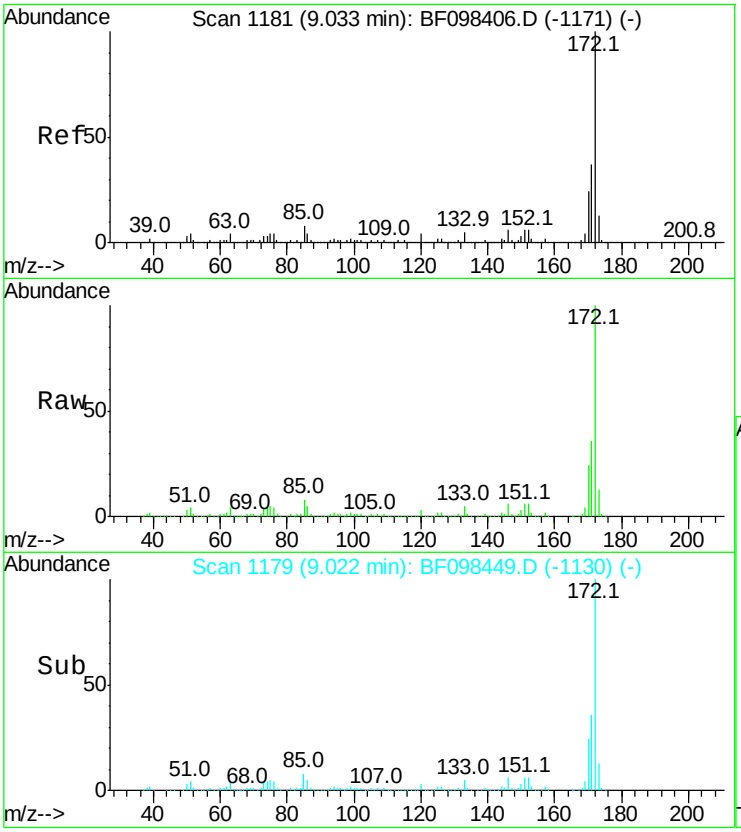




#41
2,4,6-Tribromophenol
Concen: 101.840 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:330 Resp: 275880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 76.6 | 115.0 |
| 141 | 42.4 | 31.4 | 47.2 |



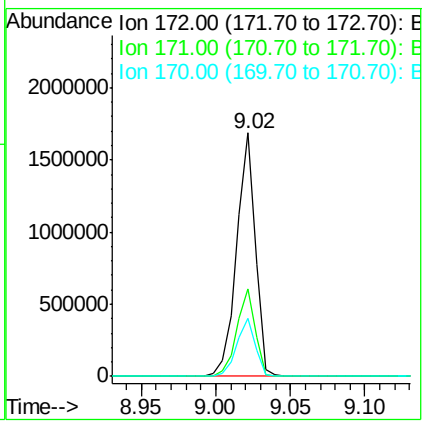


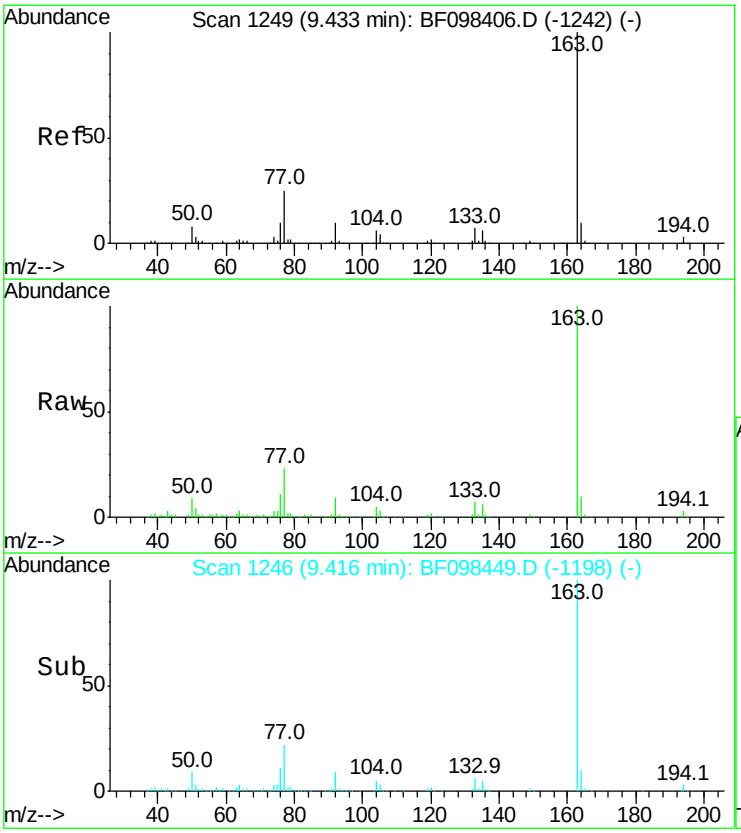

#44
2-Fluorobiphenyl
Concen: 61.911 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :** BNA_F
**ClientSampleId :** FK-GF-02-011-A

Tgt Ion:172 Resp: 1482612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.6 | 44.4 |
| 170 | 23.8 | 19.8 | 29.8 |

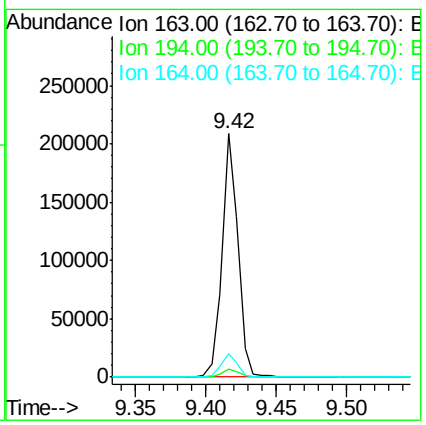


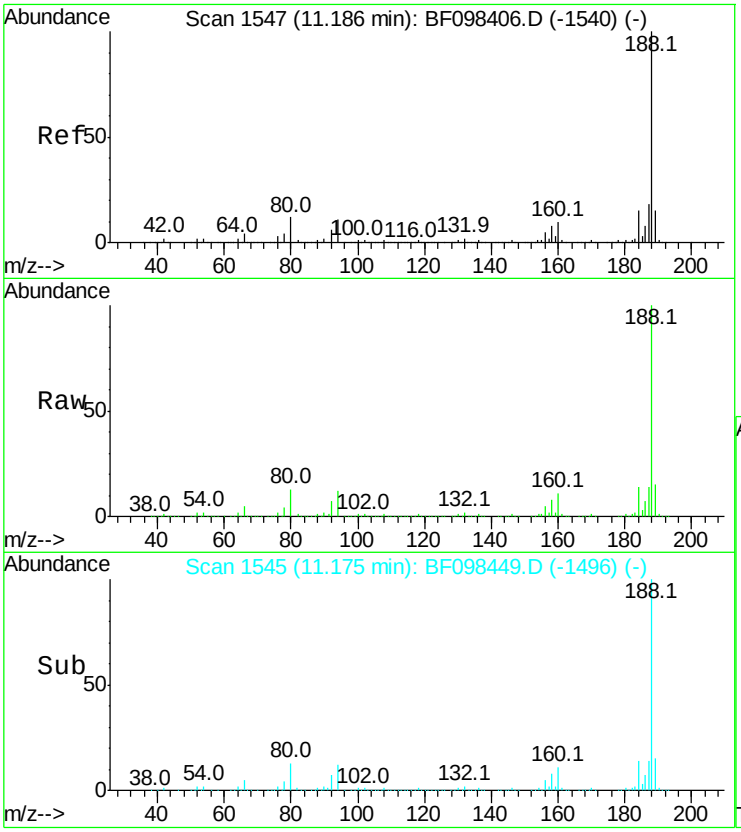




#49
Dimethylphthalate
Concen: 5.184 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:163 Resp: 162890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 9.8 | 8.4 | 12.6 |



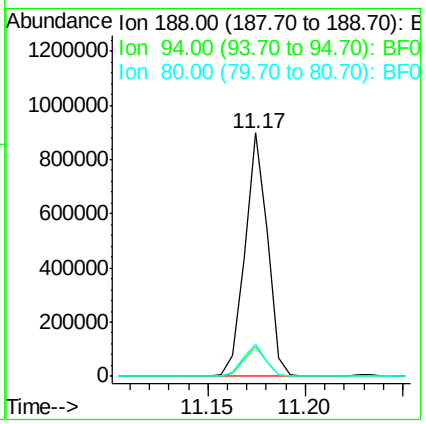


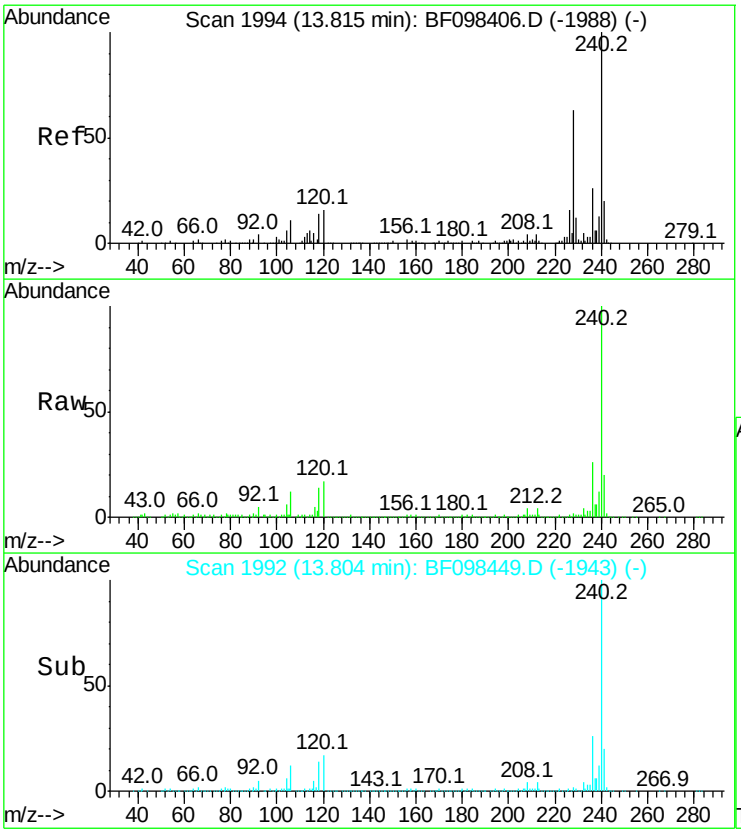

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-011-A

Tgt Ion:188 Resp: 720946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.1 | 9.4 | 14.2 |
| 80 | 13.2 | 10.2 | 15.2 |

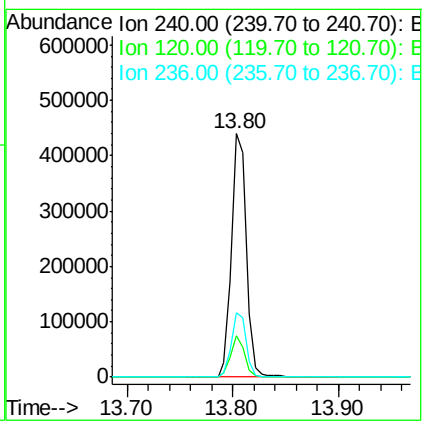


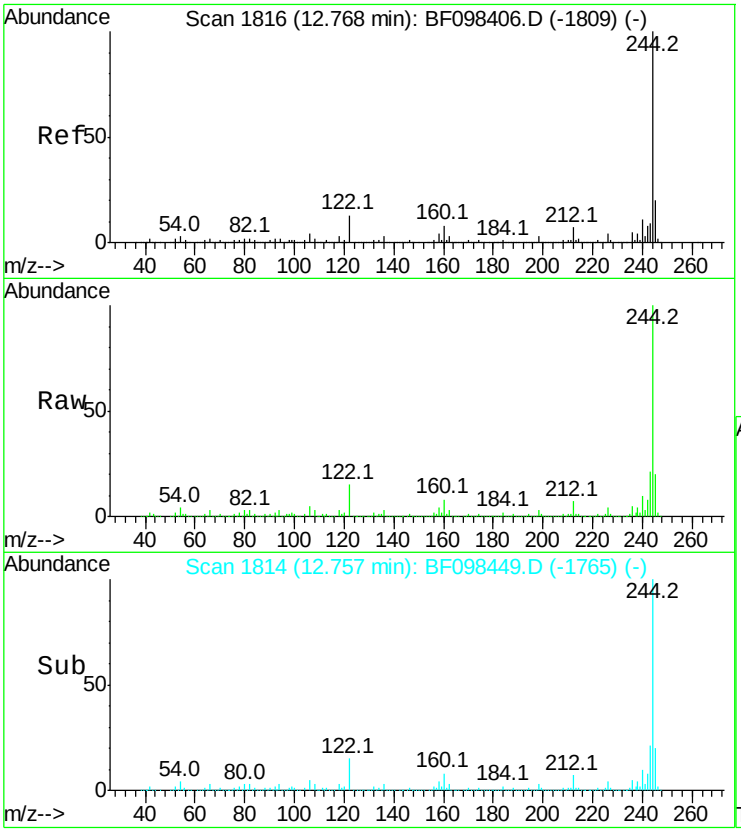




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:240 Resp: 423133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 17.1 | 5.8 | 8.8# |
| 236 | 26.4 | 20.5 | 30.7 |



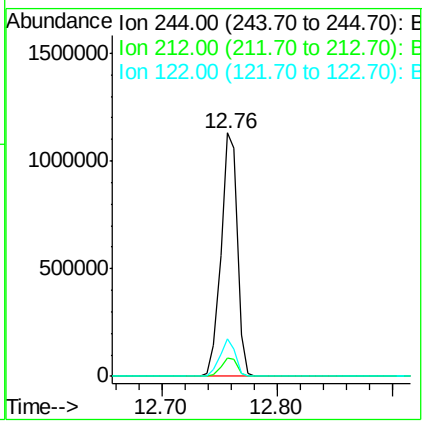


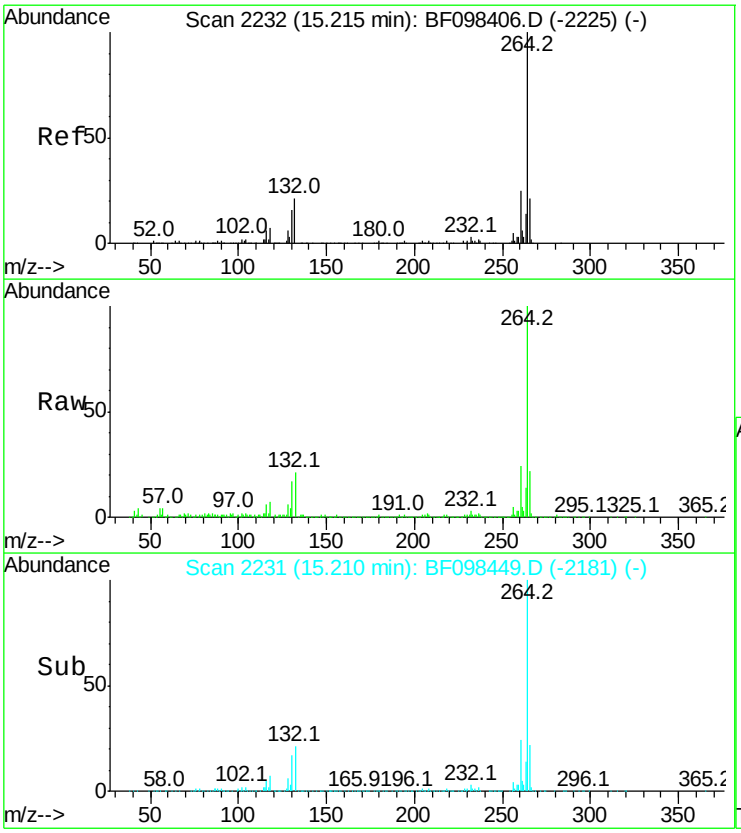

#78
Terphenyl-d14
Concen: 56.478 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

**Instrument :** BNA_F
**ClientSampleId :** FK-GF-02-011-A

Tgt Ion:244 Resp: 1107170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.0 | 9.0 |
| 122 | 15.2 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:264 Resp: 396246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.5 | 29.3 |
| 265 | 22.1 | 17.2 | 25.8 |