Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098516.D
Acq On : 14 Sep 2017 3:48
Operator : SJ/JU
Sample : I5159-10 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Sep 14 05:26:28 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 | 153356 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 7.94 | 136 | 633451 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.69 | 164 | 268840 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 11.17 | 188 | 435743 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 13.80 | 240 | 320899 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.20 | 264 | 256552 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 82684 | 7.97 | ng | -0.01 |
| 7) Phenol-d6 | 6.31 | 99 | 105593 | 8.02 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.22 | 82 | 55034 | 4.84 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 11918 | 6.64 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.01 | 172 | 113841 | 7.18 | ng | -0.02 |
| 78) Terphenyl-d14 | 12.75 | 244 | 80641 | 5.42 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Isophorone | 7.22 | 82 | 55033 | 2.394 | ng | # 67 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 34468 | 8.063 | ng | # 34 |
| 56) 2,4-Dinitrotoluene | 9.69 | 165 | 34468 | 6.632 | ng | # 34 |

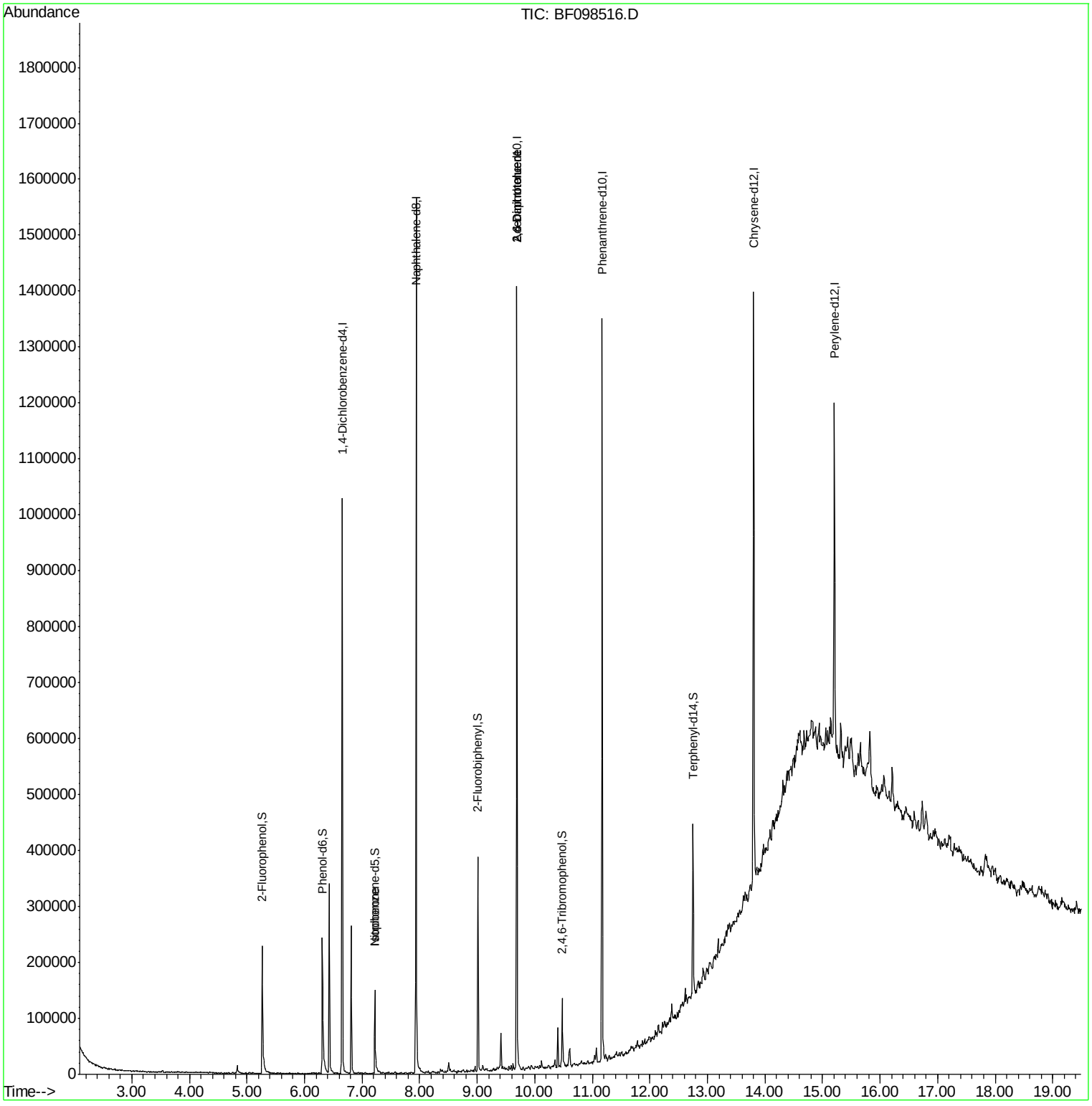
(#) = qualifier out of range (m) = manual integration (+) = signals summed

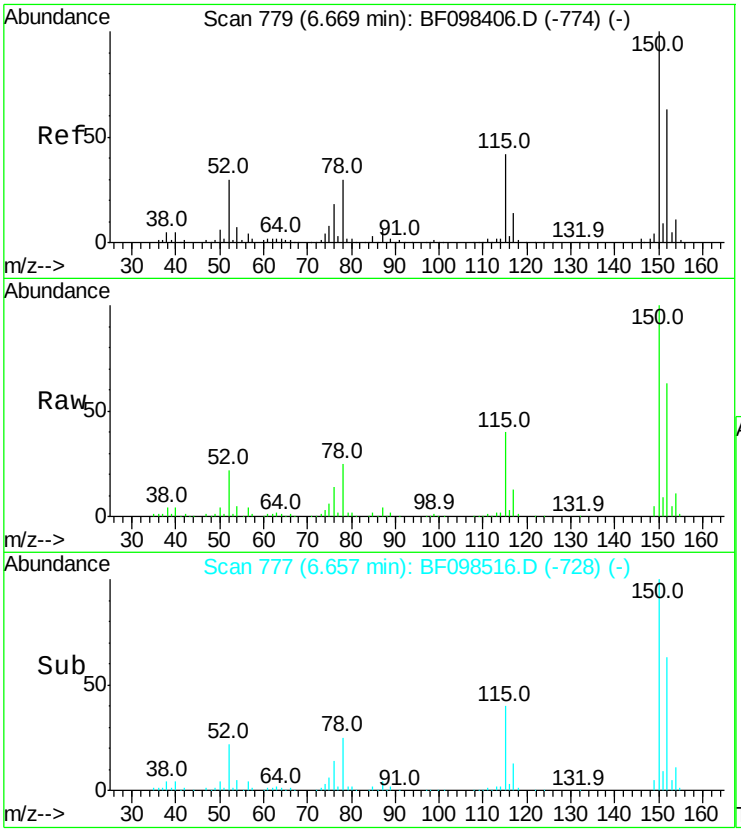
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098516.D
Acq On : 14 Sep 2017 3:48
Operator : SJ/JU
Sample : I5159-10 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Sep 14 05:26:28 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



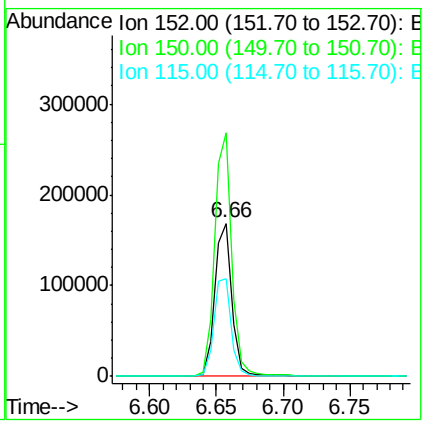


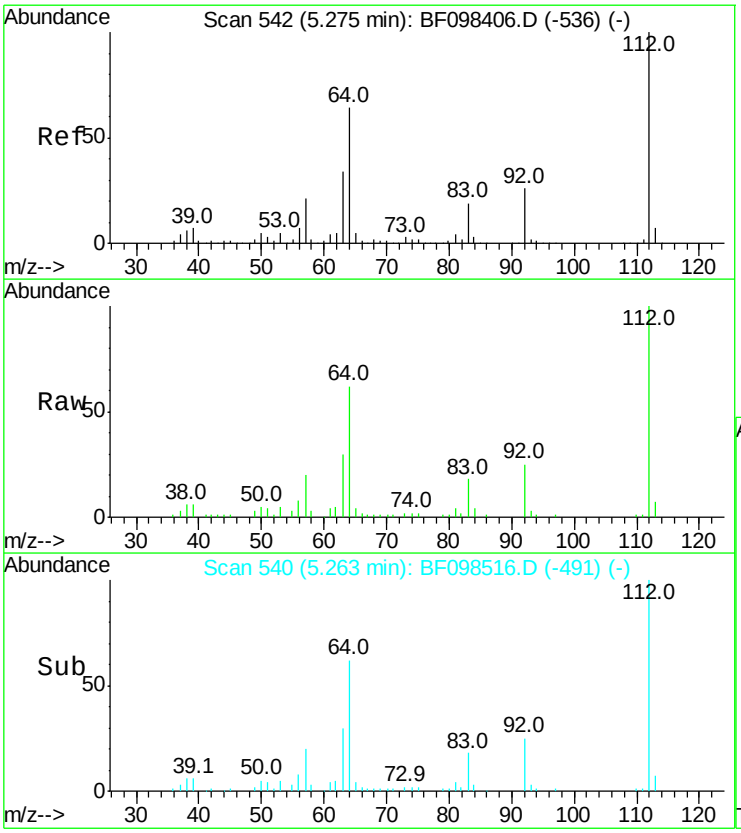

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 153356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.4 | 126.2 | 189.2 |
| 115 | 64.2 | 52.2 | 78.2 |

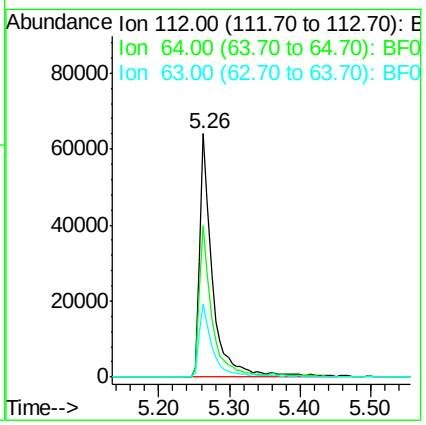


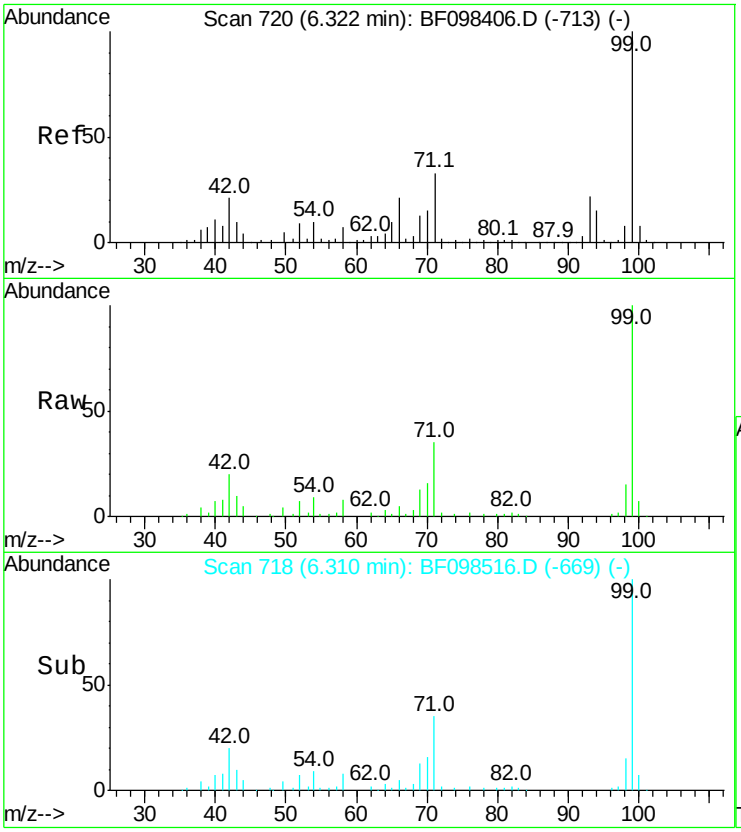




#5
2-Fluorophenol
Concen: 7.972 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:112 Resp: 82684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.5 | 46.0 | 69.0 |
| 63 | 29.9 | 23.4 | 35.0 |



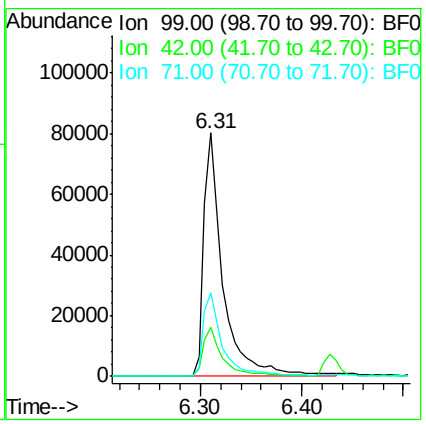


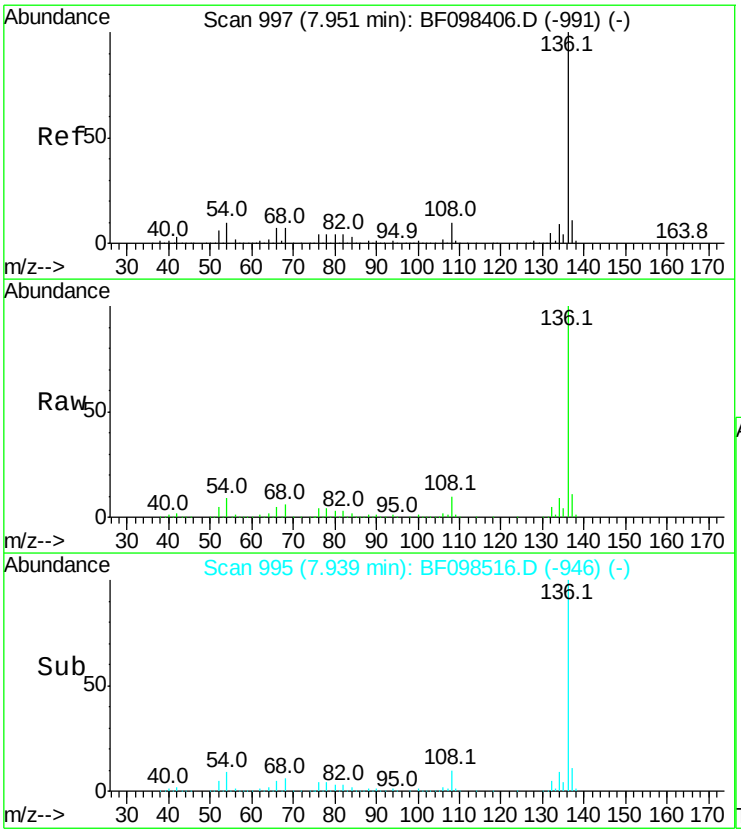

#7
Phenol-d6
Concen: 8.018 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 105593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.3 | 13.5 | 20.3# |
| 71 | 34.6 | 24.5 | 36.7 |

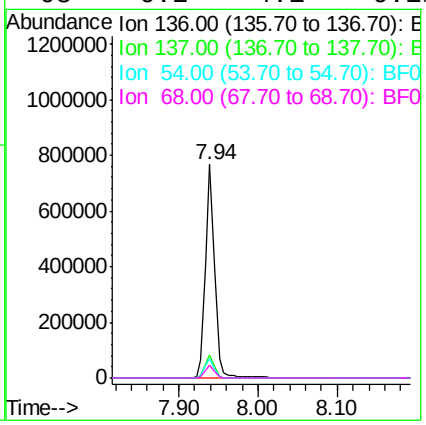


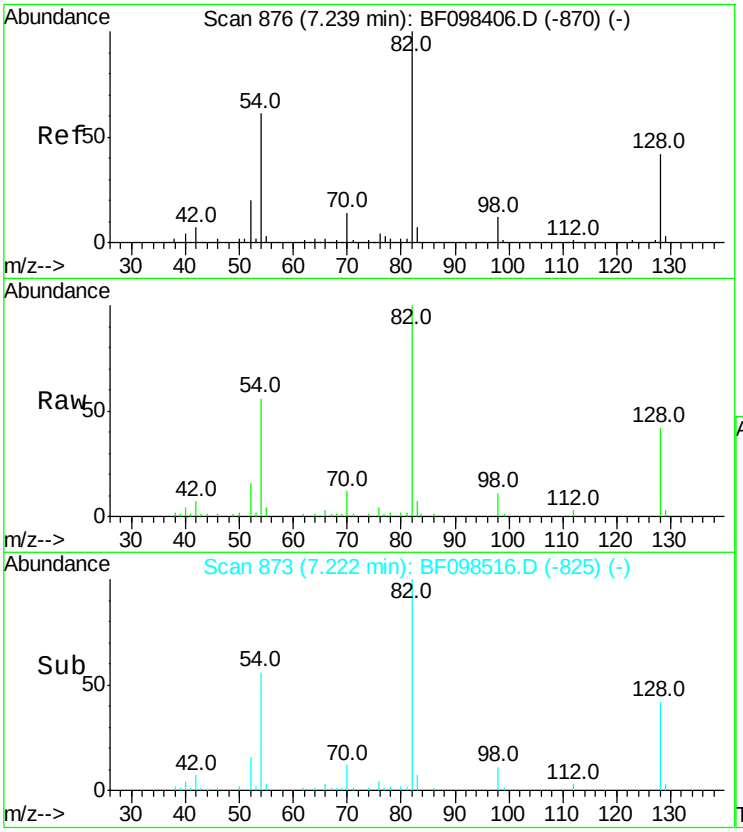




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:136 Resp: 633451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.5 | 12.7 |
| 54 | 9.2 | 4.9 | 7.3# |
| 68 | 6.2 | 4.1 | 6.1# |



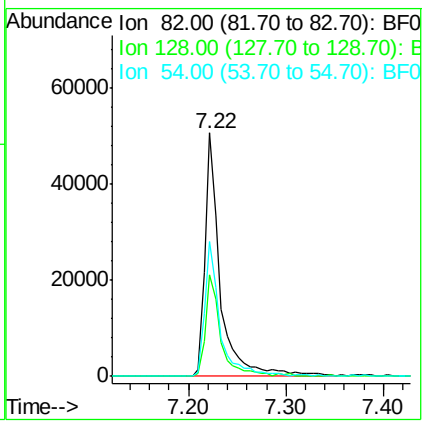


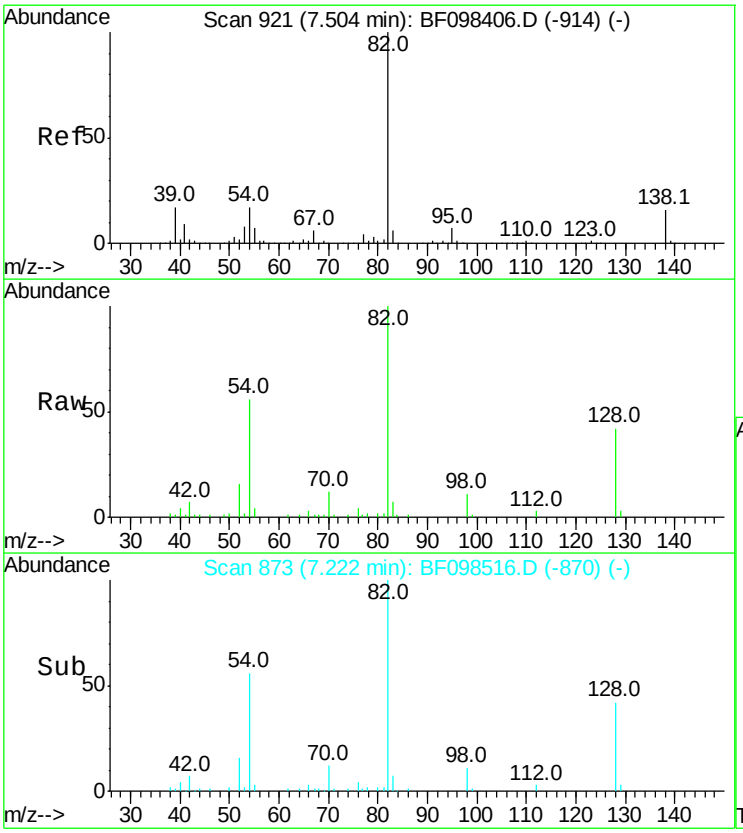

#23
Nitrobenzene-d5
Concen: 4.844 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 55034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.5 | 34.0 | 51.0 |
| 54 | 55.6 | 42.2 | 63.2 |

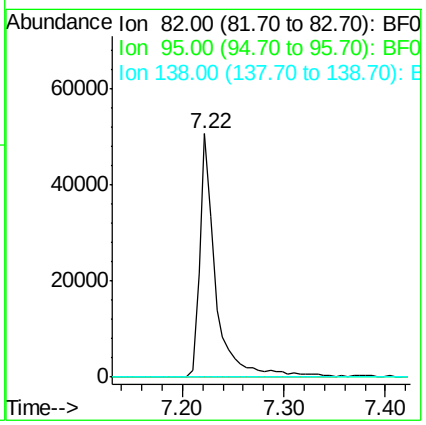


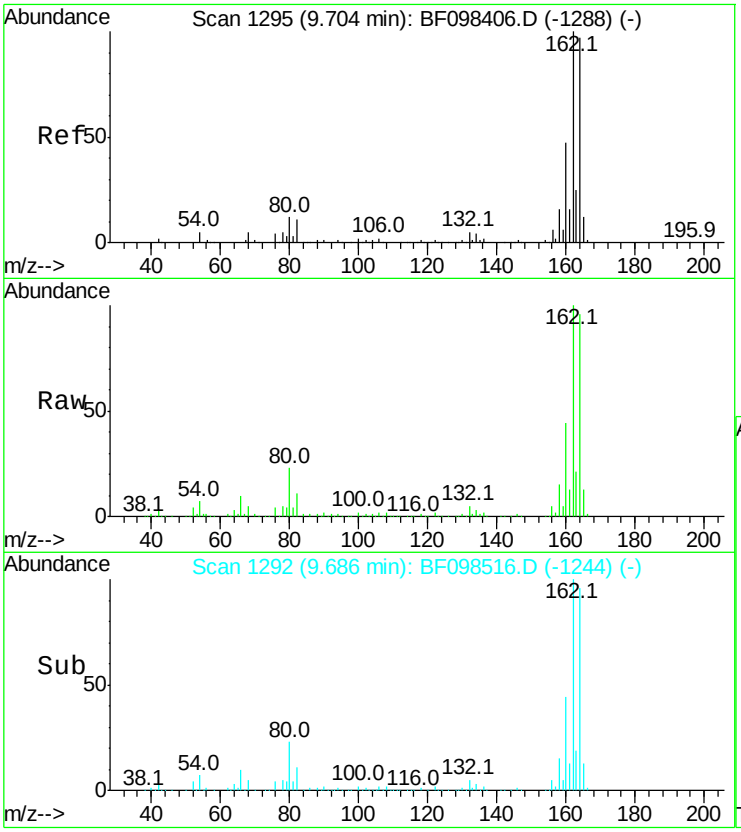




#25
Isophorone
Concen: 2.394 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion: 82 Resp: 55033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.3 | 7.9# |
| 138 | 0.0 | 13.1 | 19.7# |



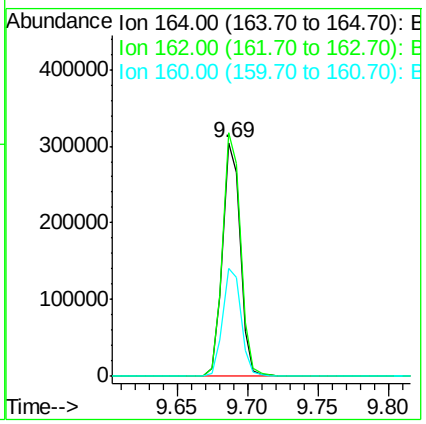


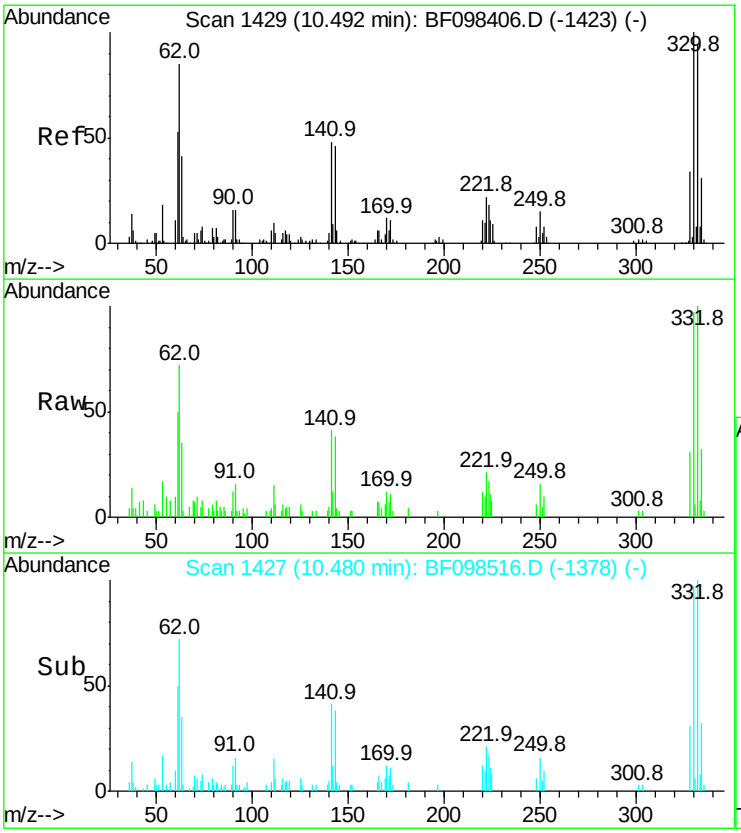

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 268840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 82.6 | 123.8 |
| 160 | 46.0 | 36.2 | 54.2 |

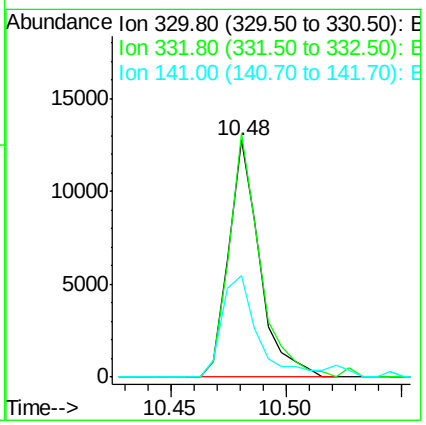


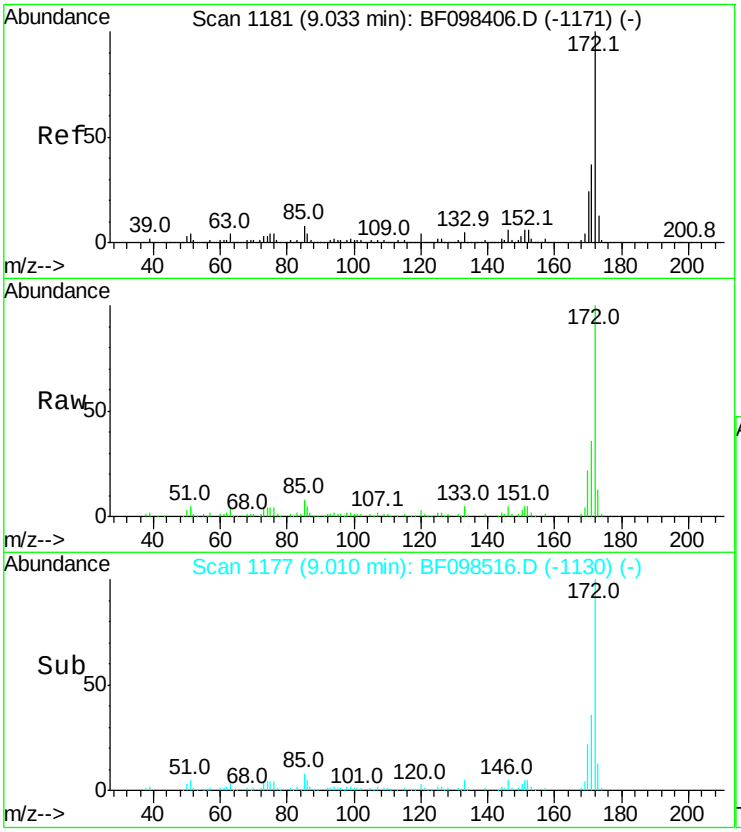




#41
2,4,6-Tribromophenol
Concen: 6.642 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:330 Resp: 11918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.7 | 76.6 | 115.0 |
| 141 | 49.4 | 31.4 | 47.2# |



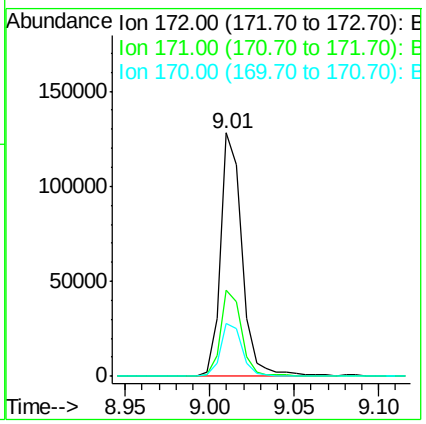


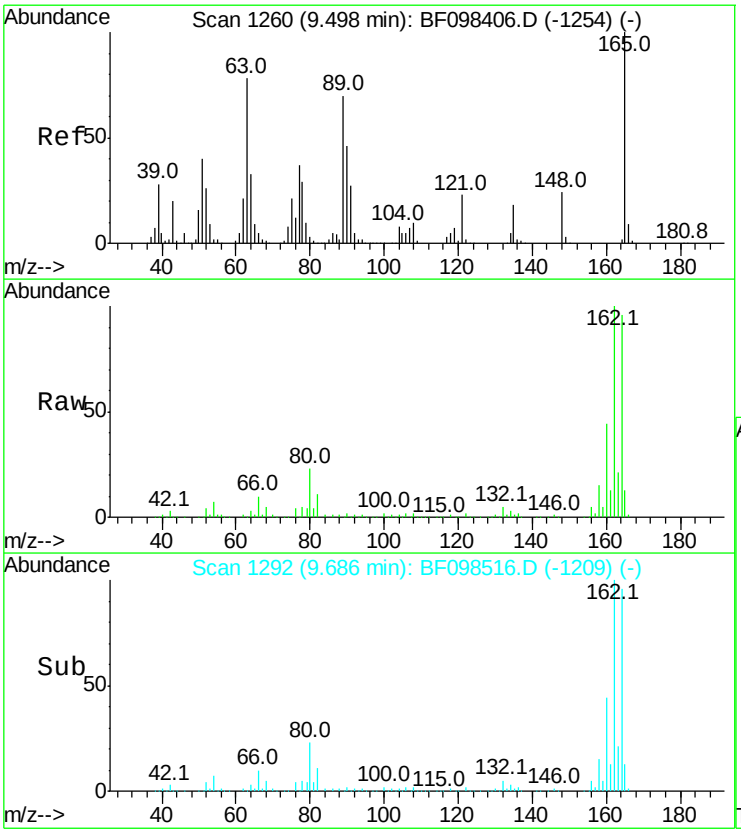

#44
2-Fluorobiphenyl
Concen: 7.177 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:172 Resp: 113841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.6 | 44.4 |
| 170 | 21.7 | 19.8 | 29.8 |

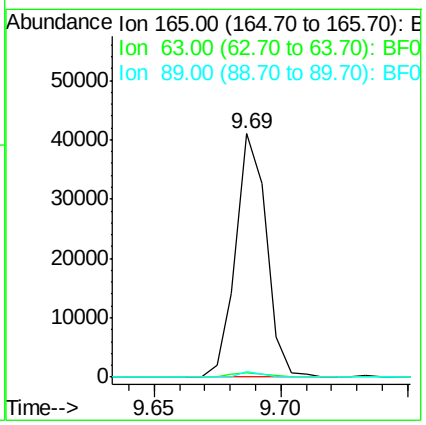


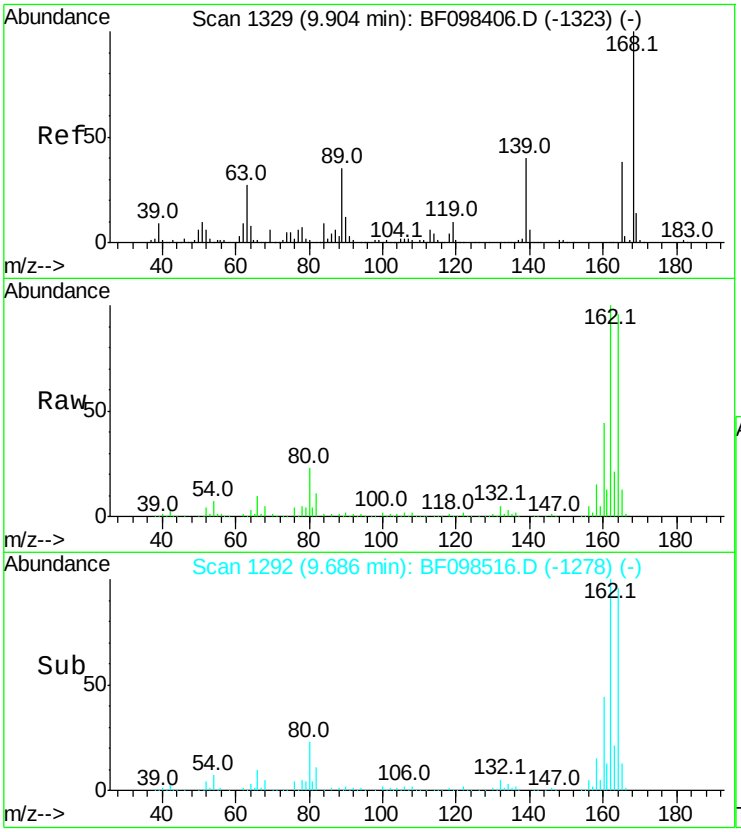




#50
2,6-Dinitrotoluene
Concen: 8.063 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:165 Resp: 34468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 34.3 | 51.5# |
| 89 | 2.4 | 37.1 | 55.7# |



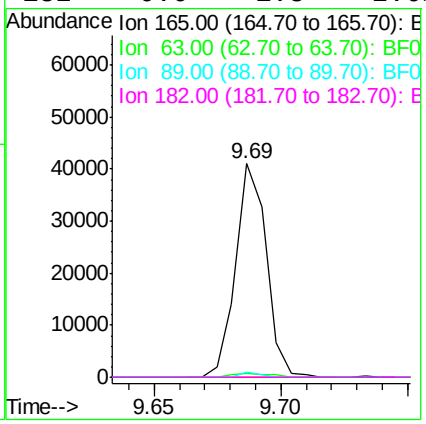


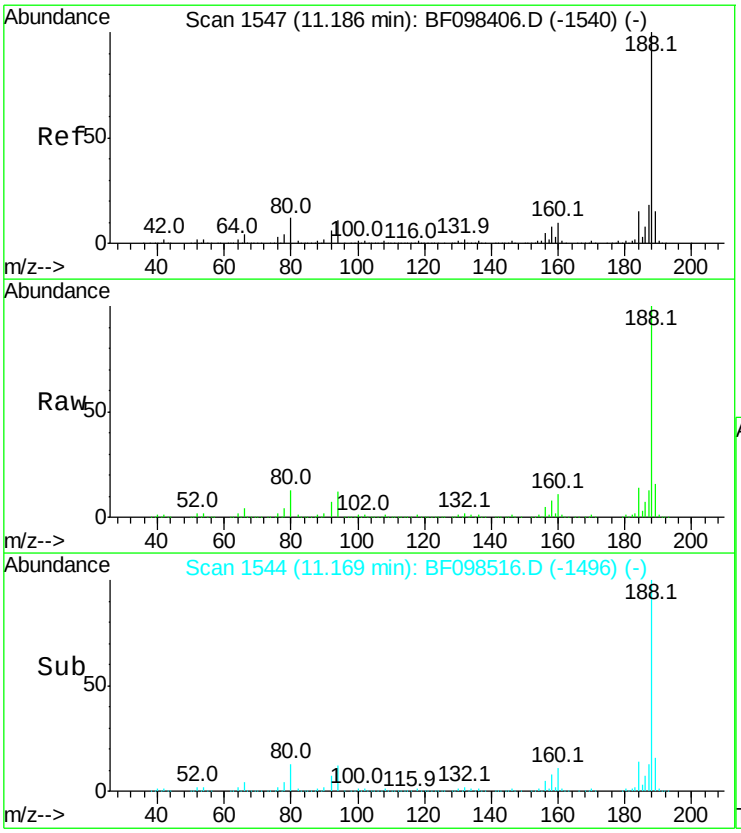

#56
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 34468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 25.4 | 38.0# |
| 89 | 2.4 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |

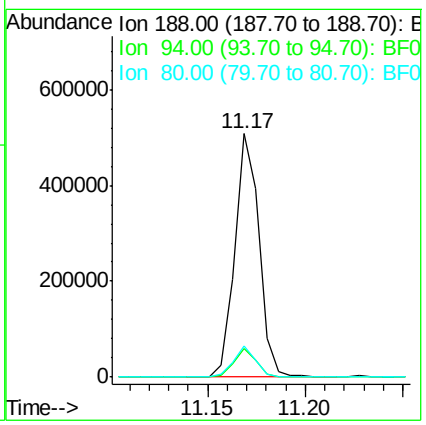


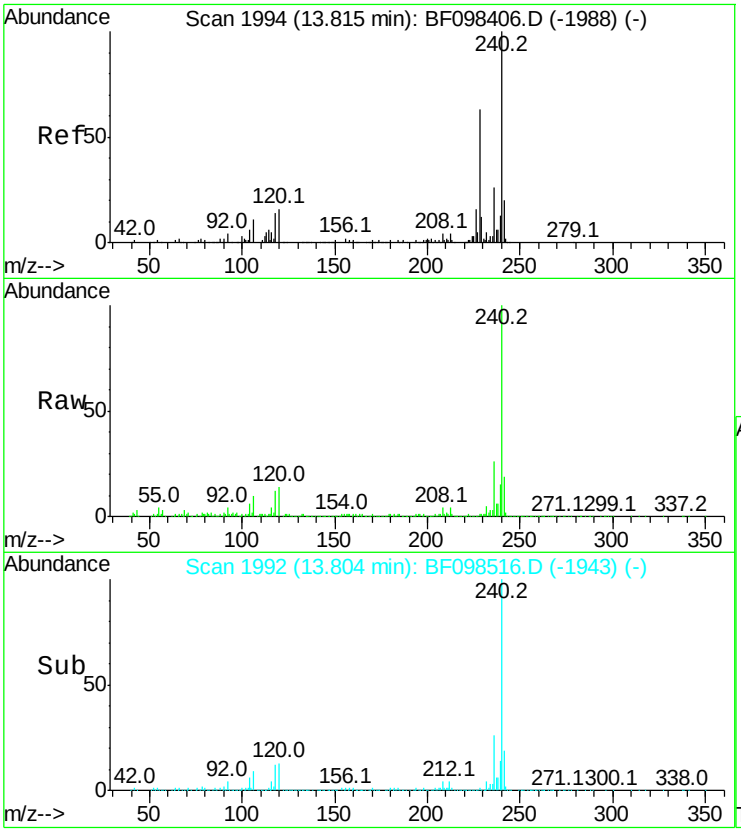




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:188 Resp: 435743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.9 | 9.4 | 14.2 |
| 80 | 12.7 | 10.2 | 15.2 |



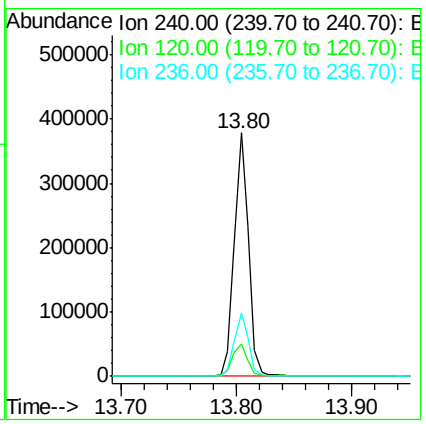


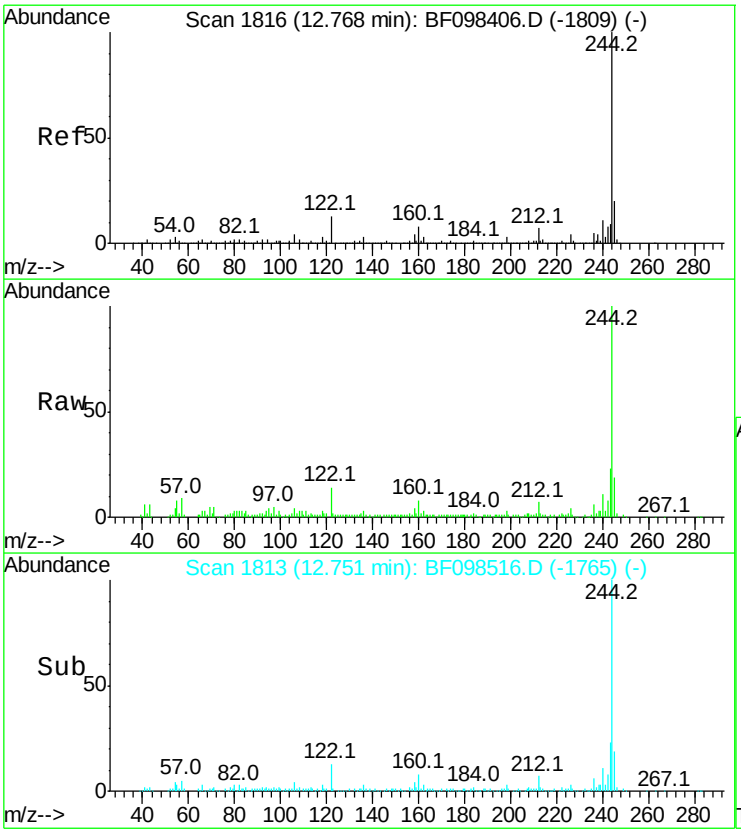

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:240 Resp: 320899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.5 | 5.8 | 8.8# |
| 236 | 26.1 | 20.5 | 30.7 |

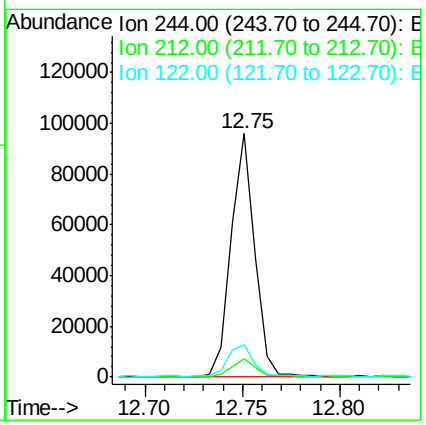


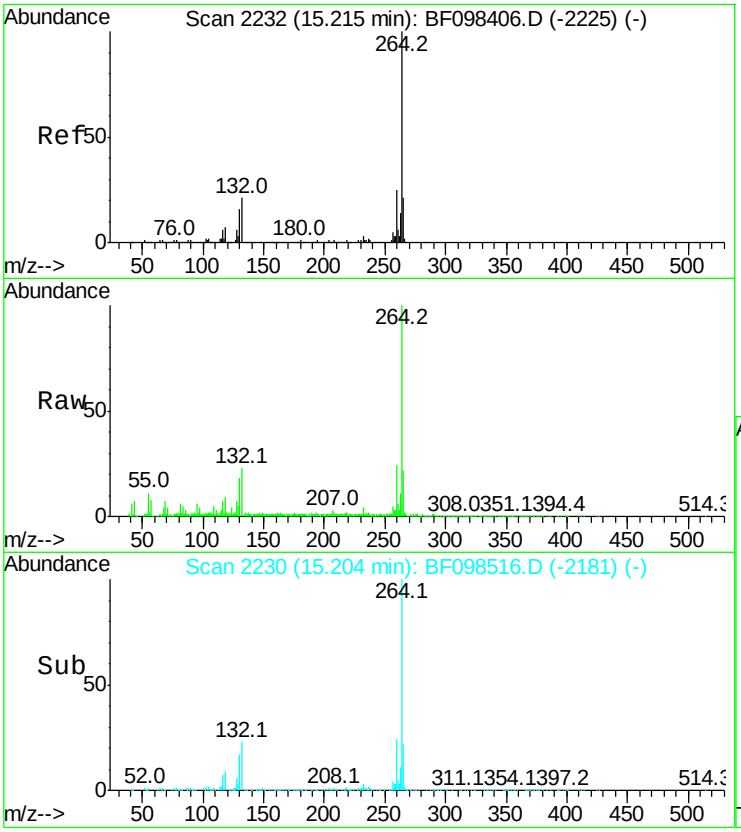




#78
Terphenyl-d14
Concen: 5.424 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

Tgt Ion:244 Resp: 80641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 13.6 | 10.3 | 15.5 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098516.D
Acq: 14 Sep 2017 3:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 256552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.5 | 29.3 |
| 265 | 22.2 | 17.2 | 25.8 |