Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094886.D
Acq On : 4 May 2017 21:43
Operator : SJ/MA
Sample : I2956-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CHERRY-ST-TP(0-5)

Quant Time: May 05 02:56:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 78673 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 9.74 | 136 | 311212 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 12.57 | 164 | 148114 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 14.97 | 188 | 286641 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 18.63 | 240 | 265594 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 20.30 | 264 | 199258 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.67 | 112 | 505770 | 107.18 | ng | -0.01 |
| 7) Phenol-d6 | 7.26 | 99 | 608594 | 107.49 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.61 | 82 | 353896 | 71.71 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.87 | 330 | 137353 | 113.23 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 11.51 | 172 | 631550 | 61.37 | ng | -0.02 |
| 78) Terphenyl-d14 | 17.29 | 244 | 630182 | 52.26 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.28 | 94 | 12515 | 2.10 | ng | # 74 |
| 49) Dimethylphthalate | 12.21 | 163 | 139315 | 11.46 | ng | 97 |
| 74) Fluoranthene | 16.75 | 202 | 49671 | 2.94 | ng | 97 |
| 77) Pyrene | 17.05 | 202 | 55250 | 2.78 | ng | 95 |

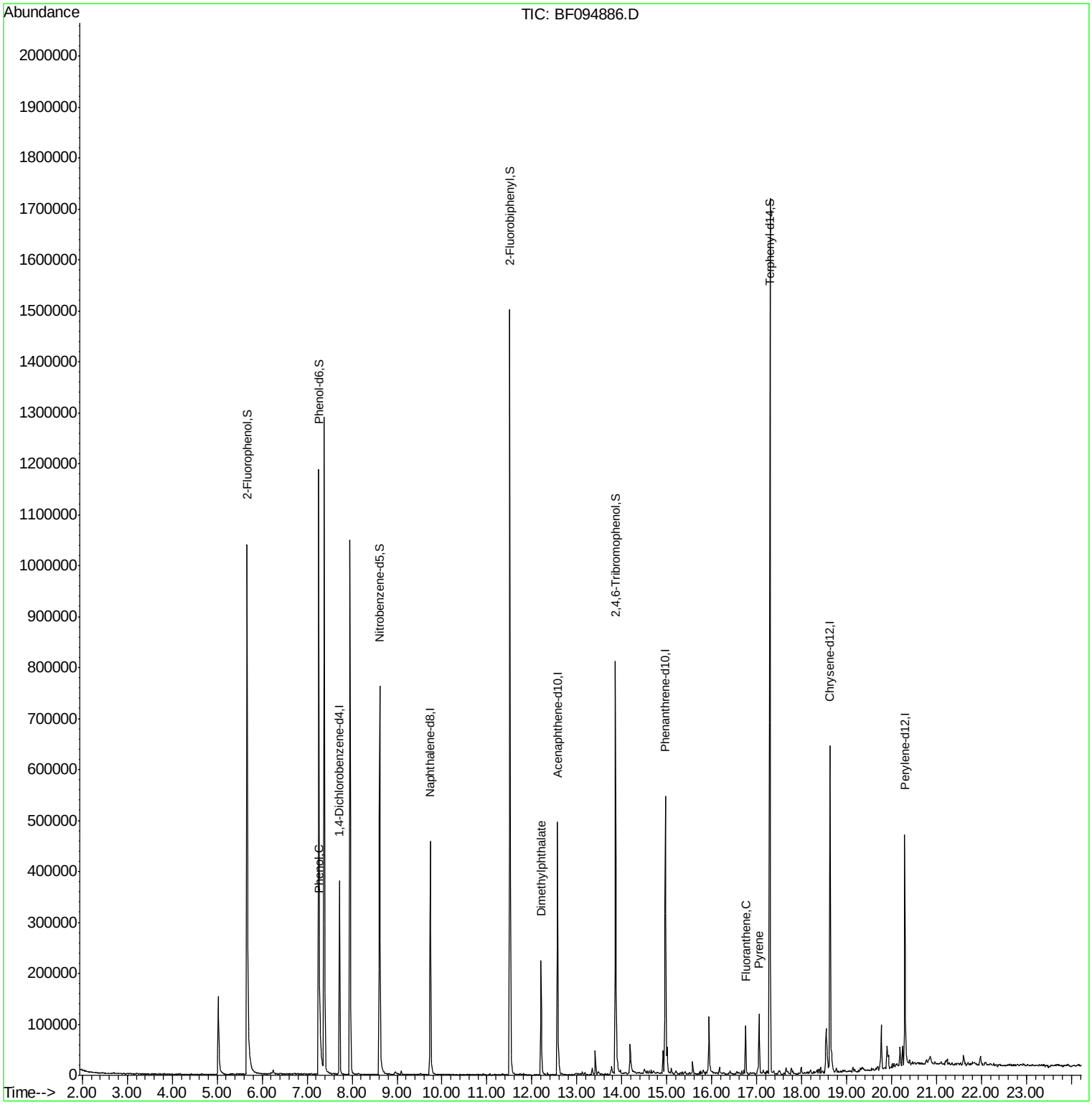
(#) = qualifier out of range (m) = manual integration (+) = signals summed

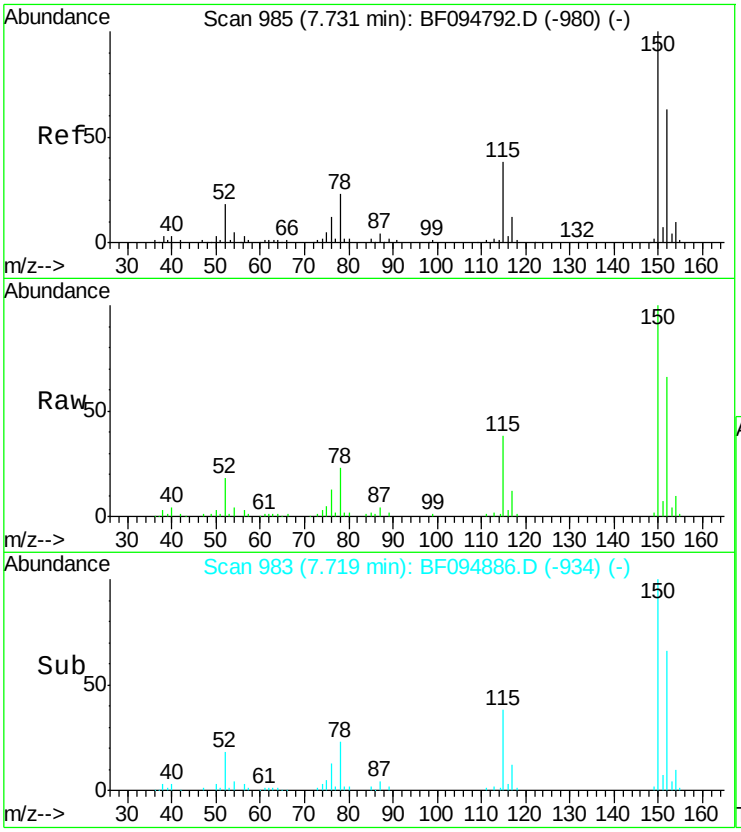
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094886.D
Acq On : 4 May 2017 21:43
Operator : SJ/MA
Sample : I2956-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Quant Time: May 05 02:56:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



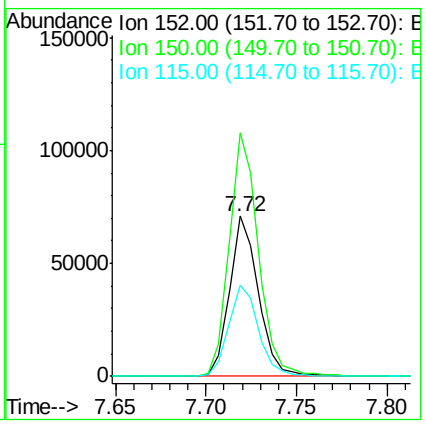


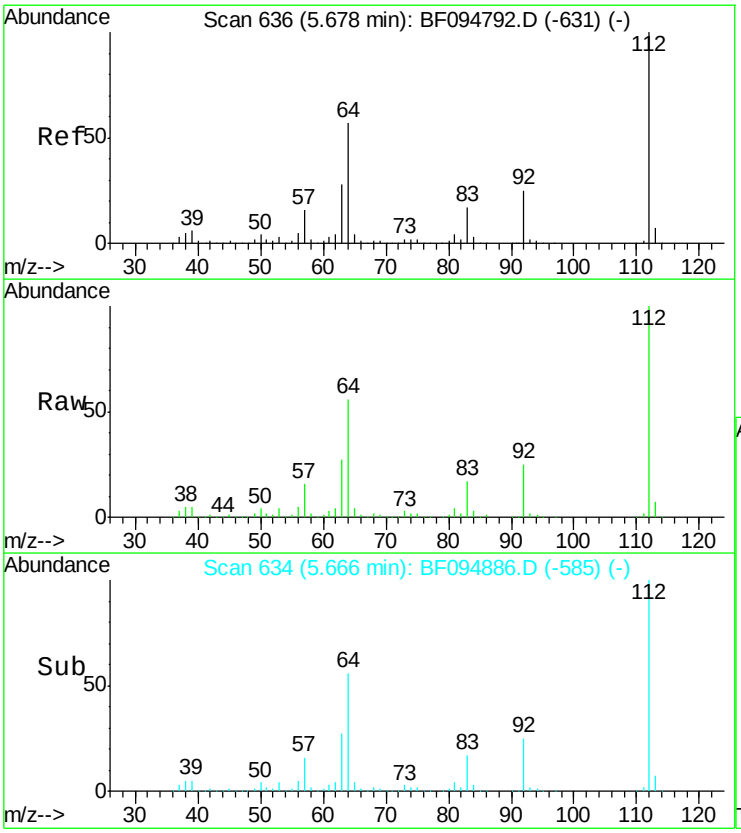

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:152 Resp: 78673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.8 | 126.2 | 189.2 |
| 115 | 57.2 | 52.2 | 78.2 |

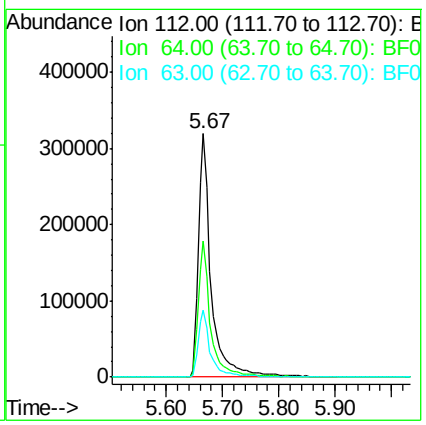


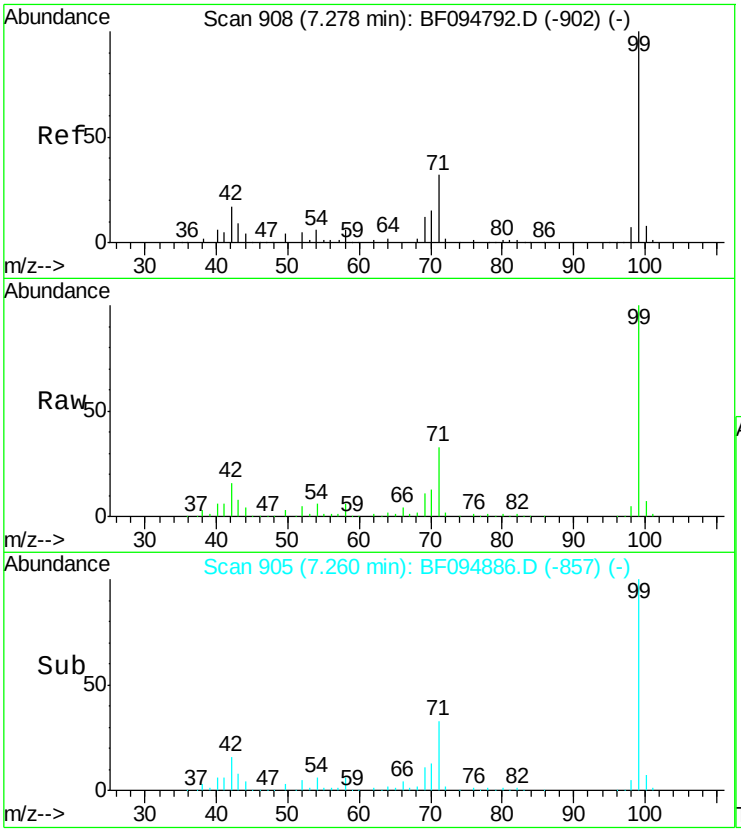




#5
2-Fluorophenol
Concen: 107.18 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:112 Resp: 505770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.0 | 46.0 | 69.0 |
| 63 | 27.3 | 23.4 | 35.0 |



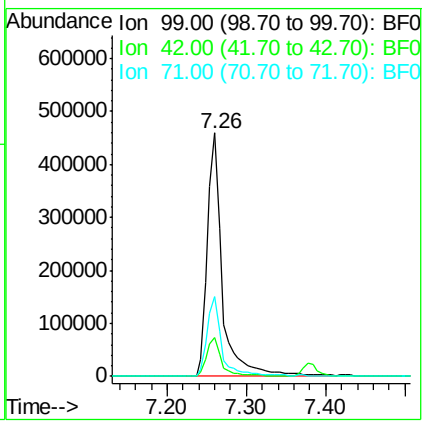


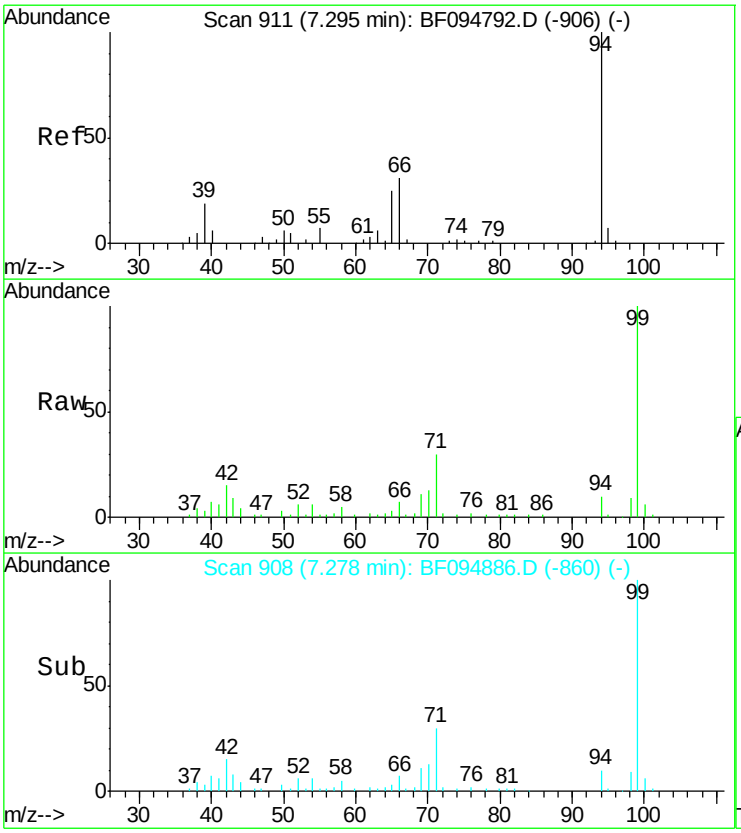

#7
Phenol-d6
Concen: 107.49 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion: 99 Resp: 608594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 13.5 | 20.3 |
| 71 | 32.6 | 24.5 | 36.7 |

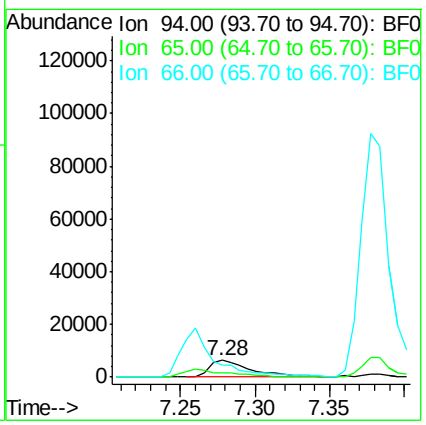


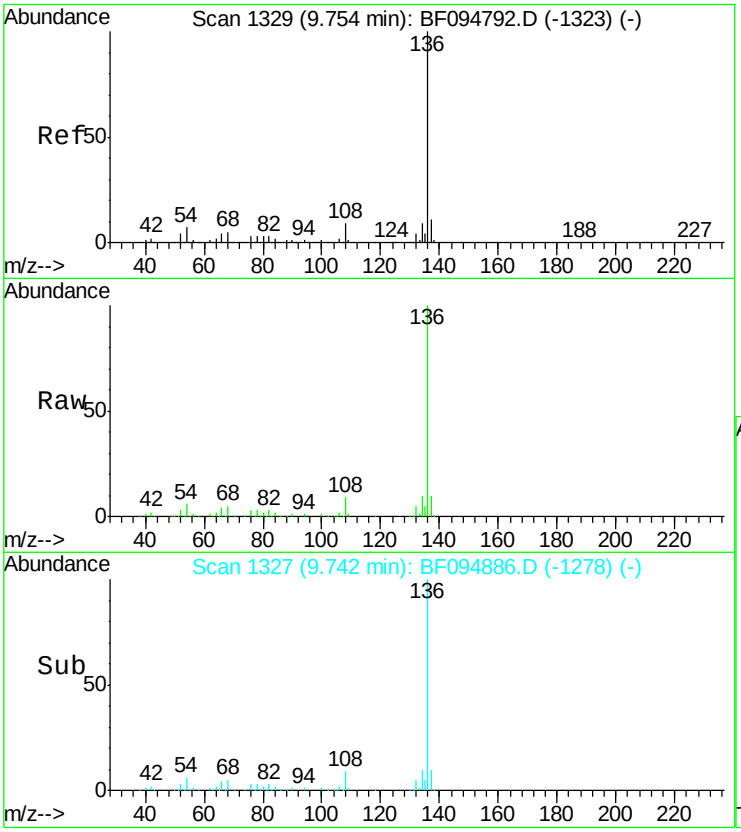




#10
Phenol
Concen: 2.10 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion: 94 Resp: 12515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.8 | 9.9 | 49.9 |
| 66 | 69.7 | 23.1 | 63.1# |



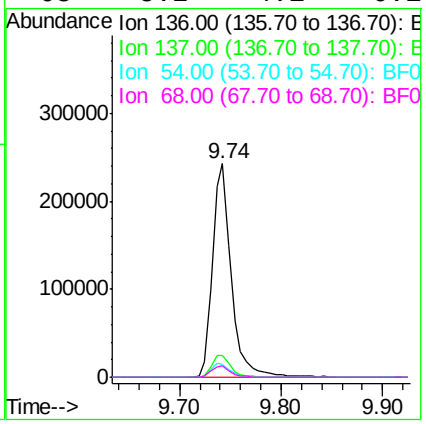


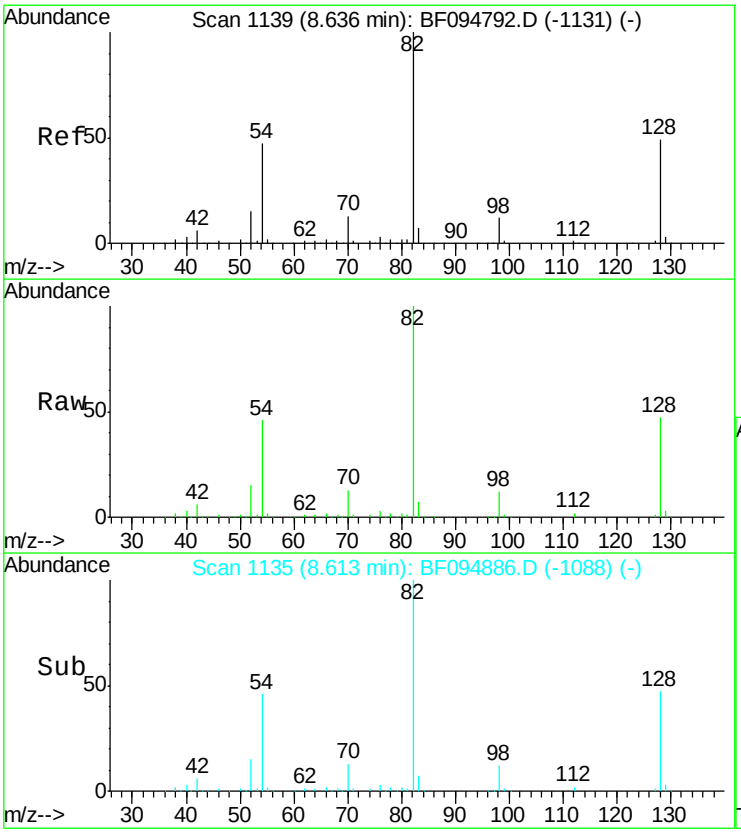

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:136 Resp: 311212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.5 | 12.7 |
| 54 | 6.3 | 4.9 | 7.3 |
| 68 | 5.2 | 4.1 | 6.1 |

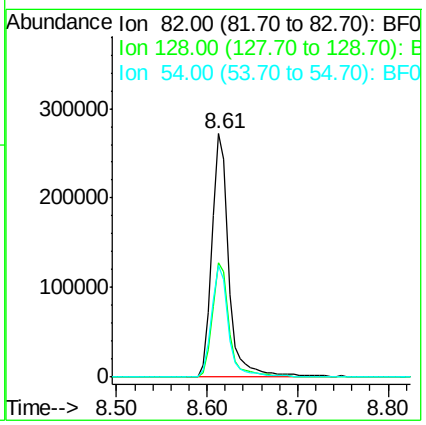


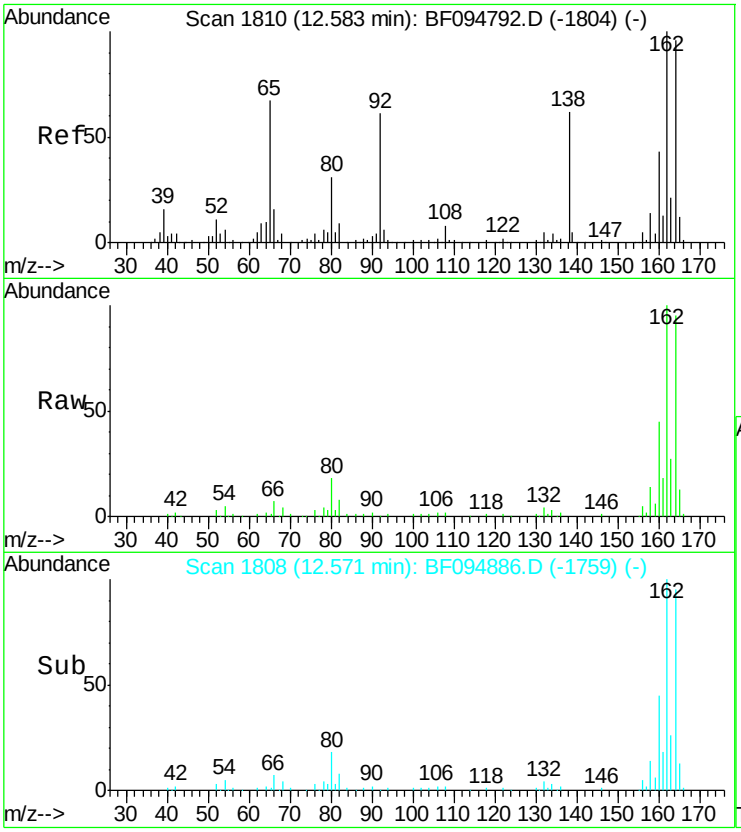




#23
Nitrobenzene-d5
Concen: 71.71 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion: 82 Resp: 353896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.1 | 34.0 | 51.0 |
| 54 | 46.1 | 42.2 | 63.2 |



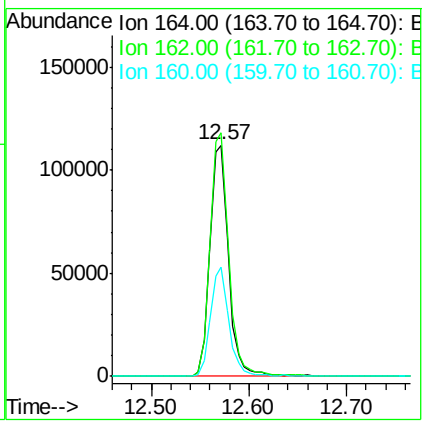


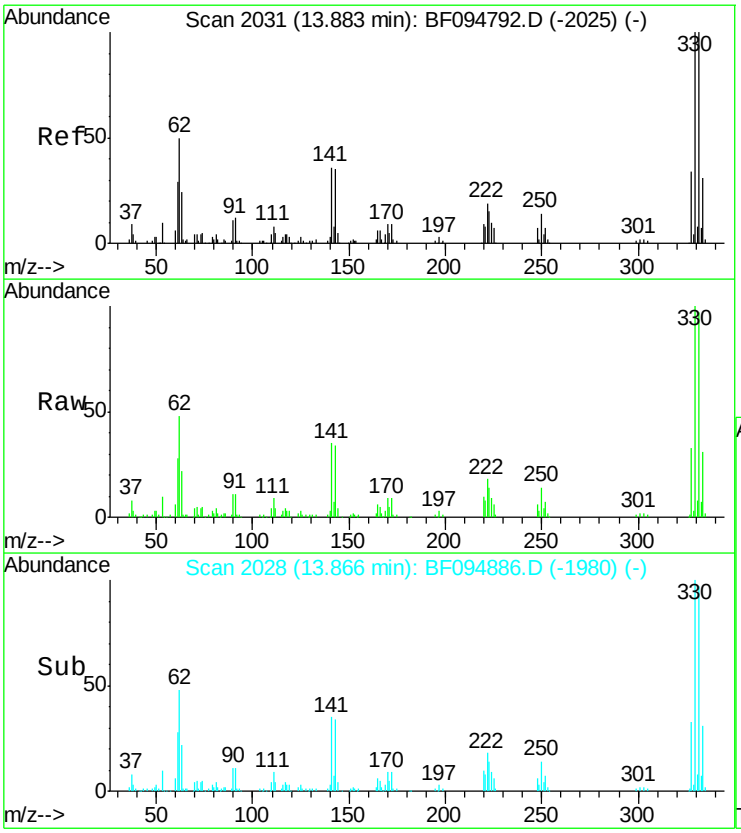

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:164 Resp: 148114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 82.6 | 123.8 |
| 160 | 47.0 | 36.2 | 54.2 |

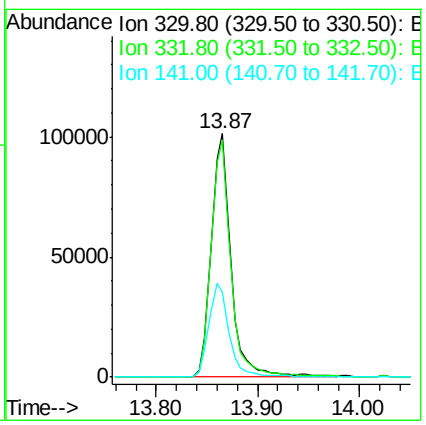


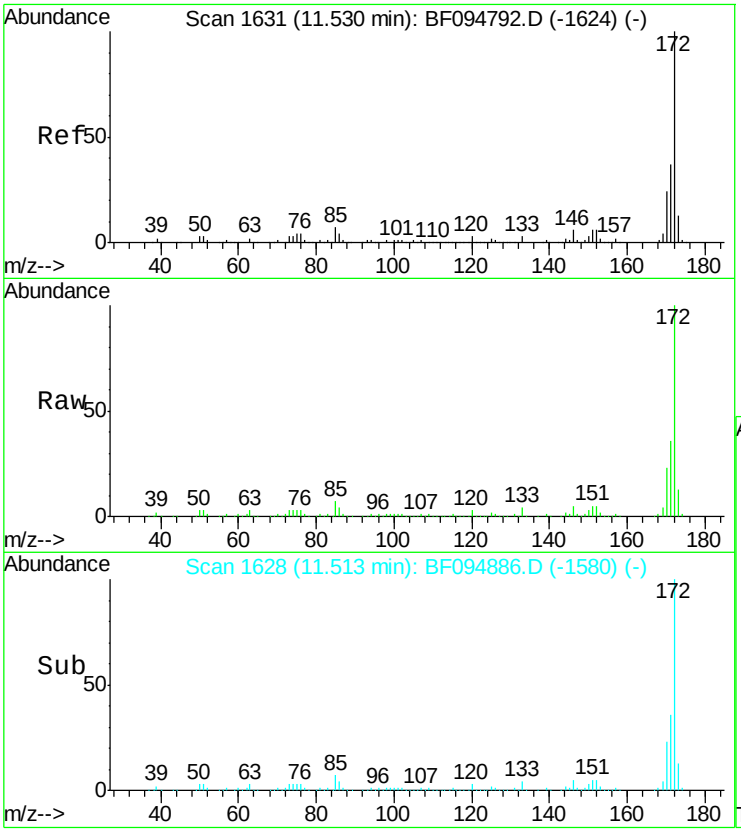




#41
2,4,6-Tribromophenol
Concen: 113.23 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:330 Resp: 137353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.6 | 115.0 |
| 141 | 39.9 | 31.4 | 47.2 |



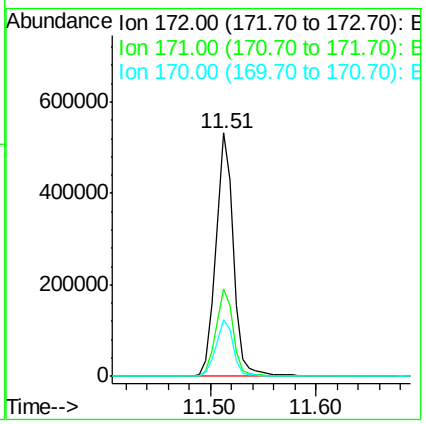


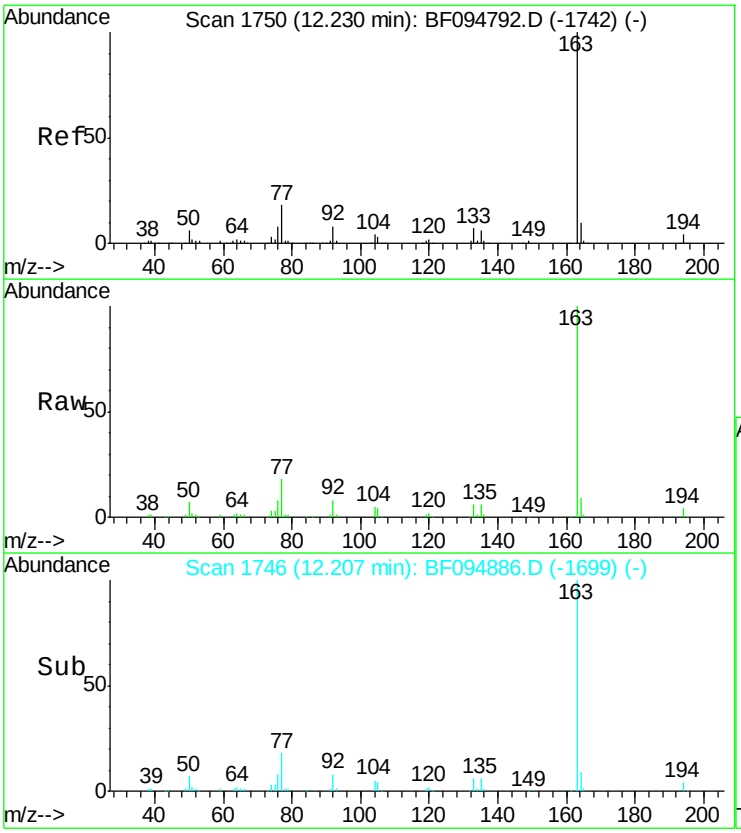

#44
2-Fluorobiphenyl
Concen: 61.37 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:172 Resp: 631550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.6 | 44.4 |
| 170 | 23.2 | 19.8 | 29.8 |

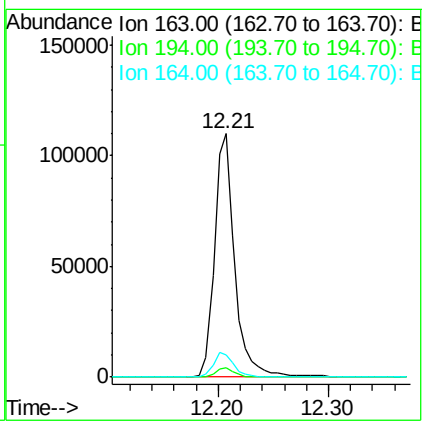


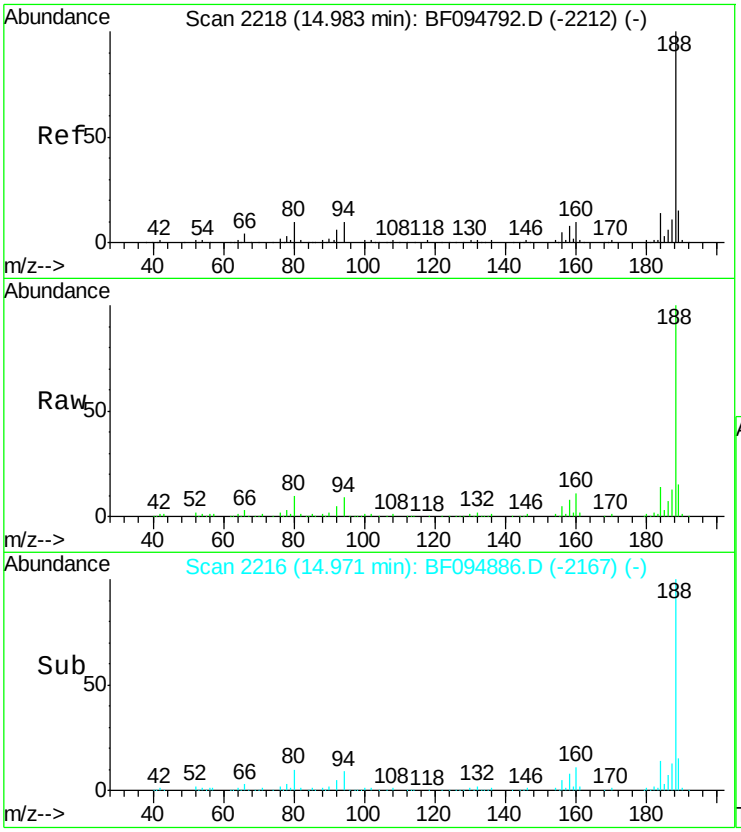




#49
Dimethylphthalate
Concen: 11.46 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:163 Resp: 139315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.6 | 4.0 |
| 164 | 9.1 | 8.4 | 12.6 |



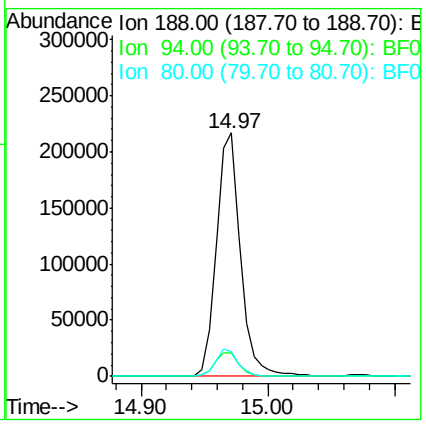


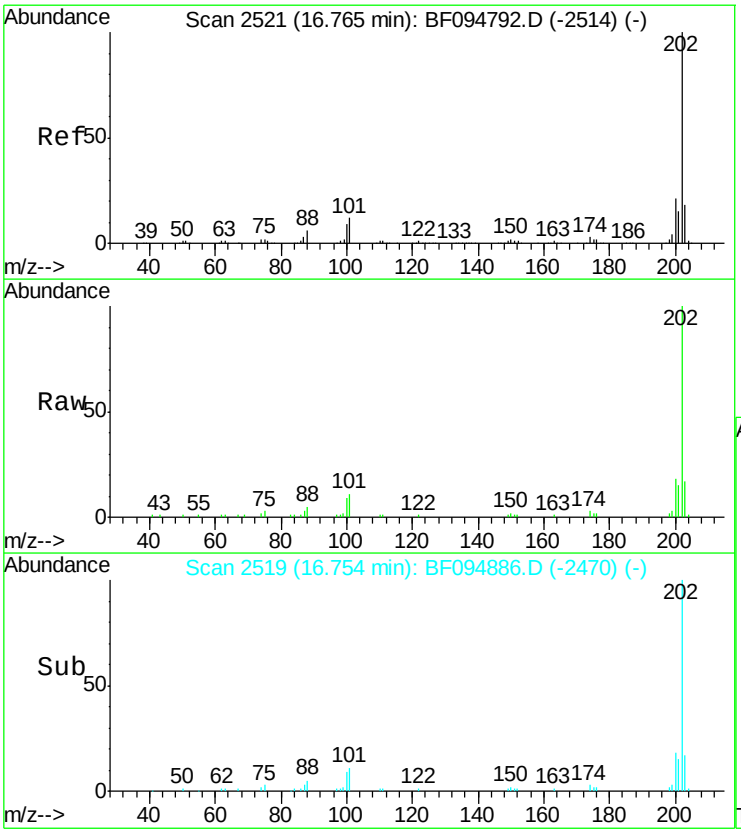

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:188 Resp: 286641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 9.4 | 14.2# |
| 80 | 10.1 | 10.2 | 15.2# |

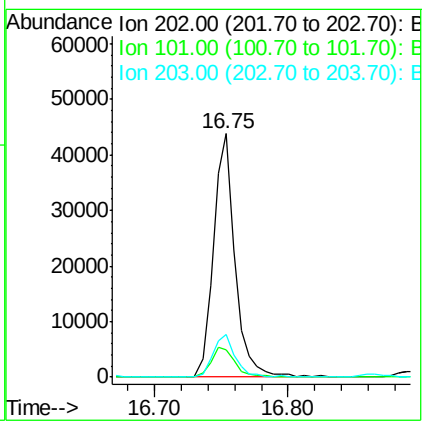


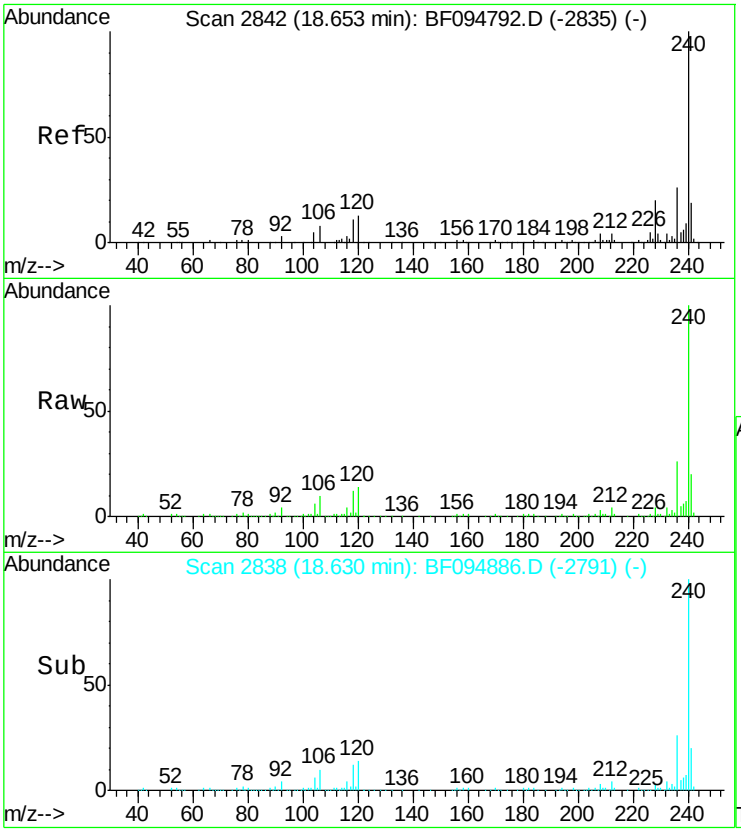




#74
Fluoranthene
Concen: 2.94 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:202 Resp: 49671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.3 | 0.0 | 33.2 |
| 203 | 17.4 | 0.0 | 38.1 |



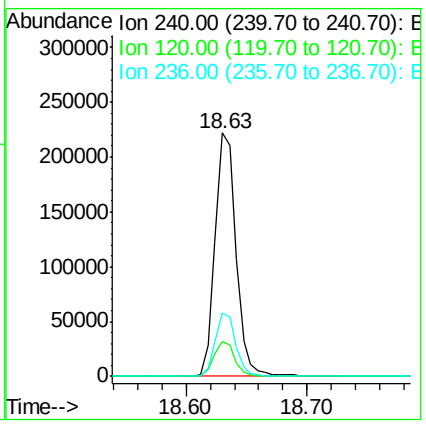


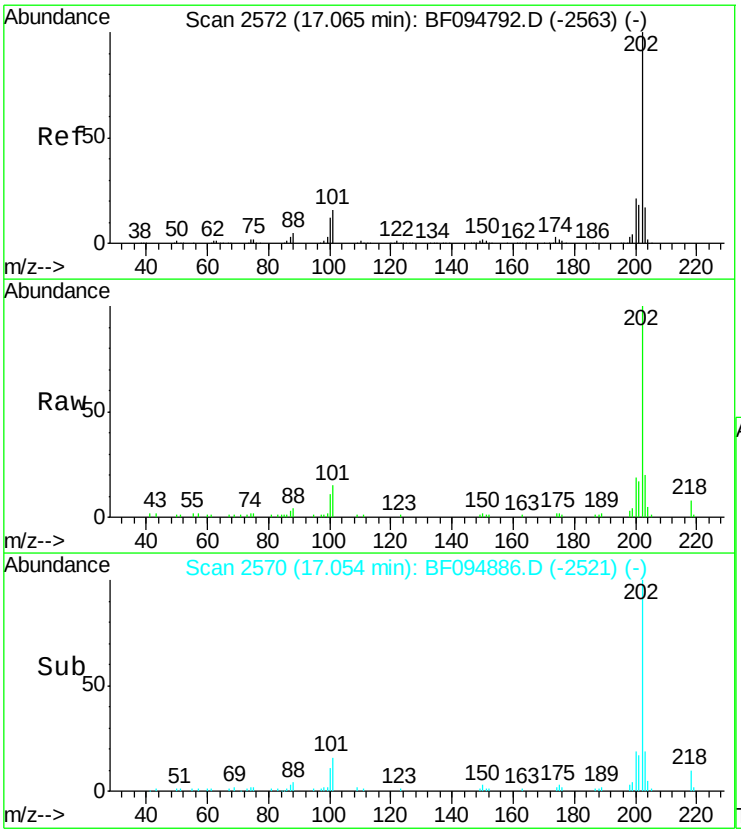

#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:240 Resp: 265594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.5 | 5.8 | 8.8# |
| 236 | 25.8 | 20.5 | 30.7 |

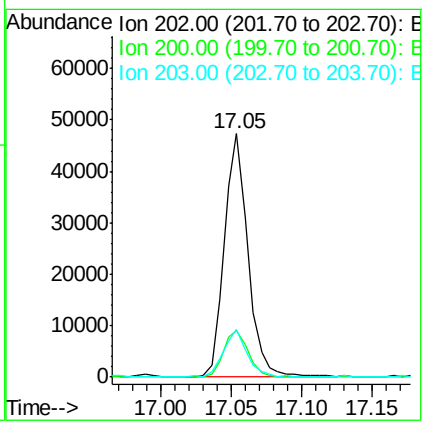


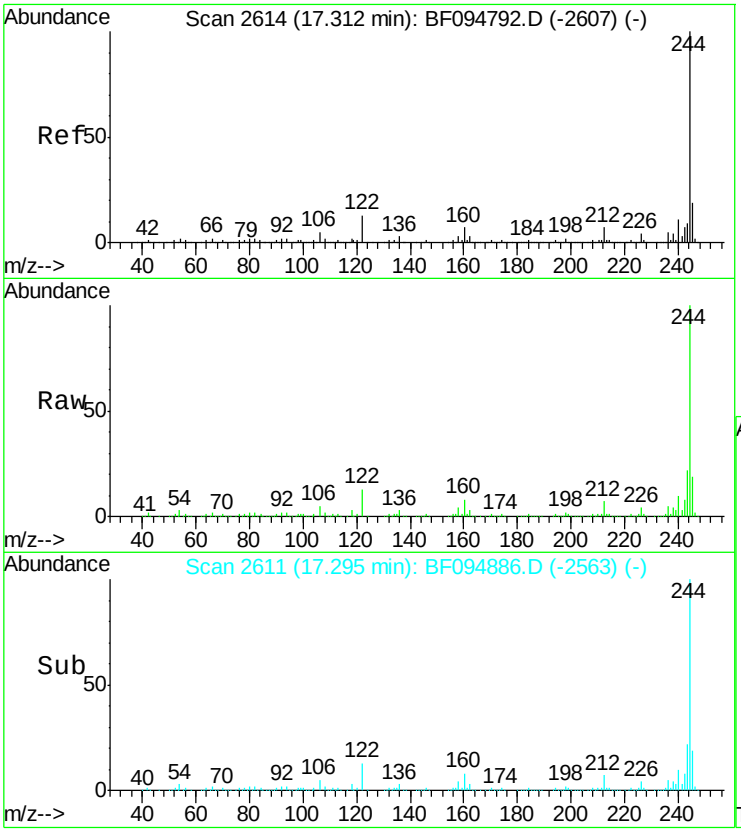




#77
Pyrene
Concen: 2.78 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:202 Resp: 55250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.3 | 17.6 | 26.4 |
| 203 | 19.6 | 14.4 | 21.6 |



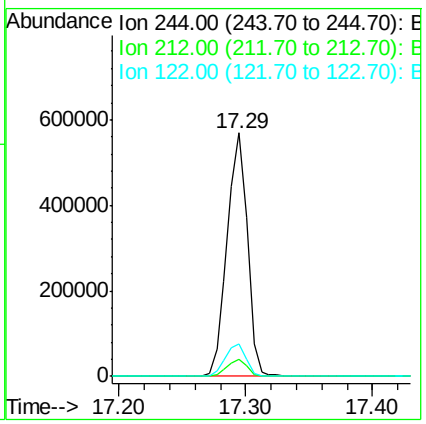


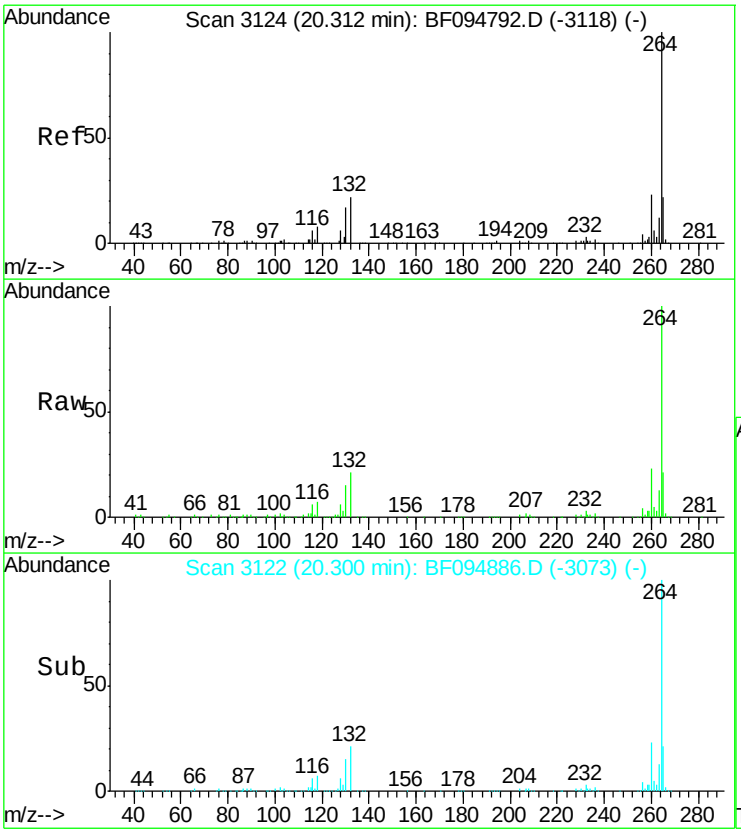

#78
Terphenyl-d14
Concen: 52.26 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

**Instrument :**
BNA_F
**ClientSampleId :**
CHERRY-ST-TP(0-5)

Tgt Ion:244 Resp: 630182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.0 | 9.0 |
| 122 | 13.2 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094886.D
Acq: 4 May 2017 21:43

Tgt Ion:264 Resp: 199258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 19.5 | 29.3 |
| 265 | 21.0 | 17.2 | 25.8 |