Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098345.D
Acq On : 8 Sep 2017 6:28
Operator : SJ/JU
Sample : I5132-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 090617-TIDO-F-U-S

Quant Time: Sep 08 07:04:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.69 | 152 | 90585 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 7.97 | 136 | 351606 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 9.72 | 164 | 143215 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 11.20 | 188 | 255562 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 13.84 | 240 | 221280 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.25 | 264 | 147264 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 258394 | 43.39 | ng | -0.02 |
| 7) Phenol-d6 | 6.33 | 99 | 223785 | 27.66 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 602866 | 93.15 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 106530 | 85.73 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 942451 | 96.68 | ng | -0.02 |
| 78) Terphenyl-d14 | 12.79 | 244 | 755585 | 71.21 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 77211 | 13.939 | ng | # 71 |
| 25) Isophorone | 7.26 | 82 | 602859 | 44.795 | ng | # 67 |
| 49) Dimethylphthalate | 9.45 | 163 | 30679 | 2.931 | ng | 98 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 17420 | 8.336 | ng | # 33 |
| 56) 2,4-Dinitrotoluene | 9.72 | 165 | 17420 | 6.643 | ng | # 32 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 128 | 8.409 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.51 | 248 | 6888 | 2.595 | ng | # 1 |

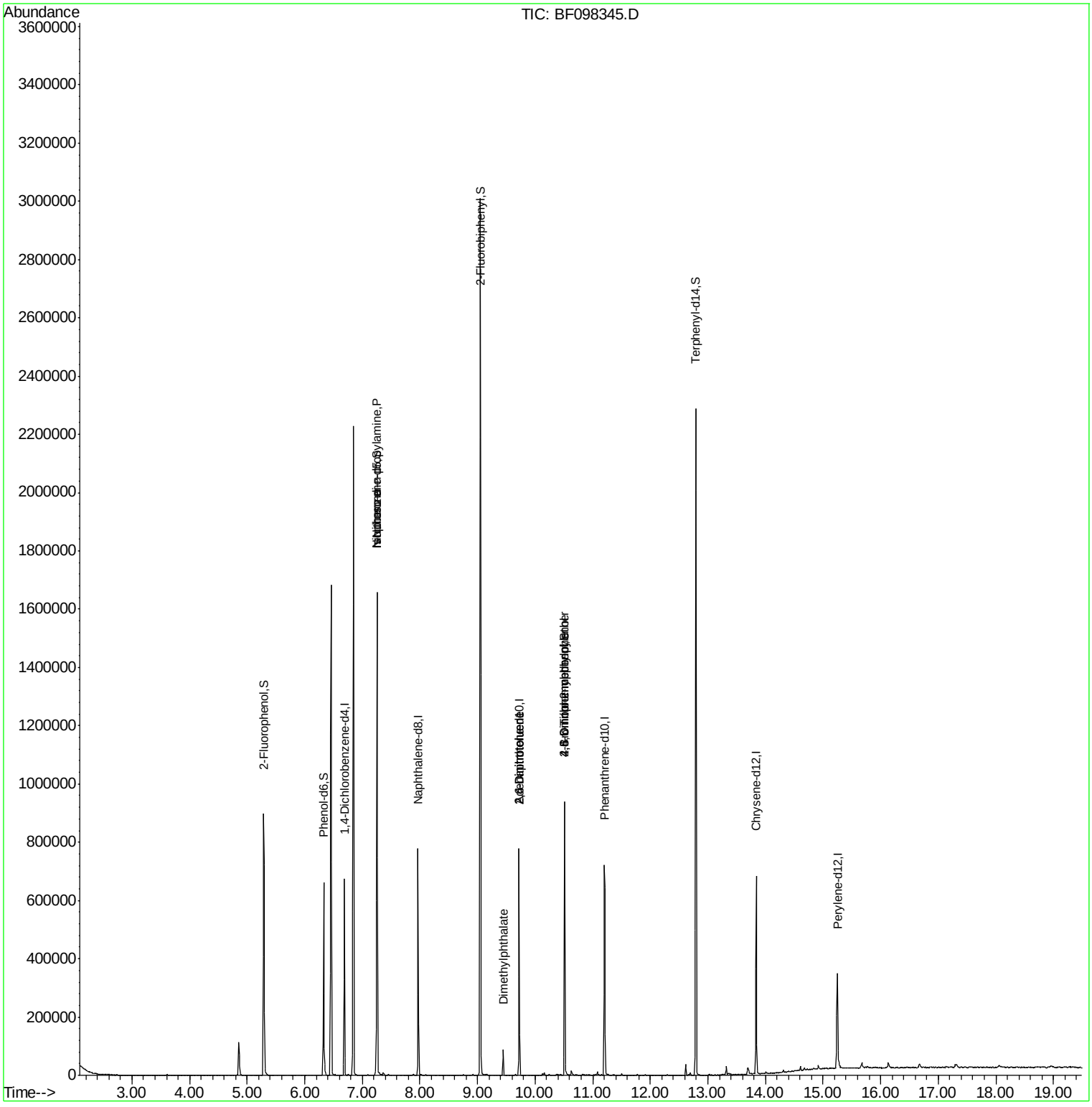
(#) = qualifier out of range (m) = manual integration (+) = signals summed

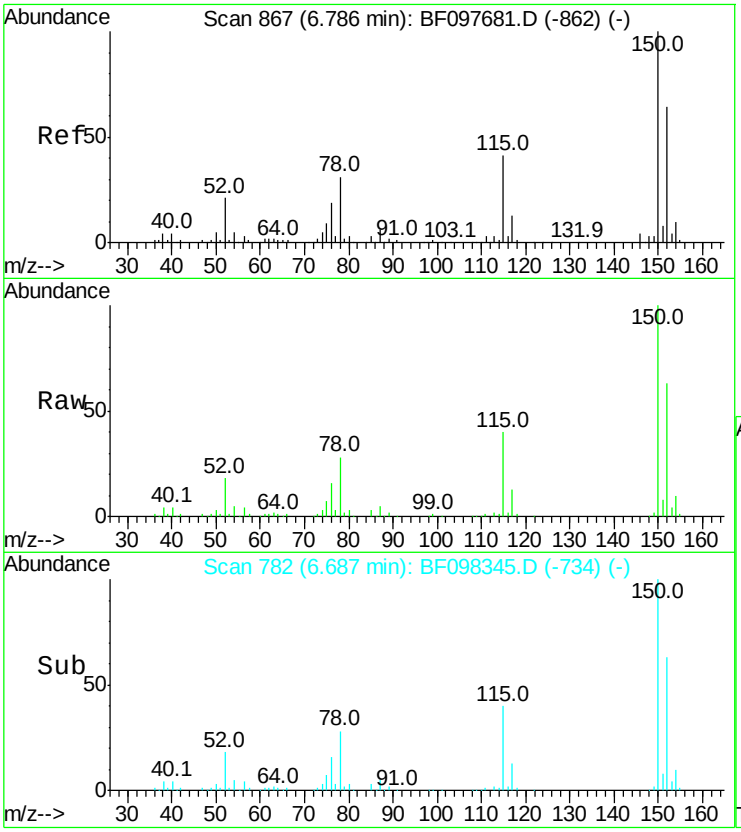
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098345.D
Acq On : 8 Sep 2017 6:28
Operator : SJ/JU
Sample : I5132-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Quant Time: Sep 08 07:04:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



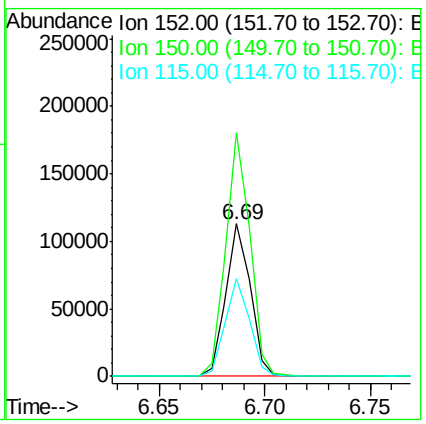


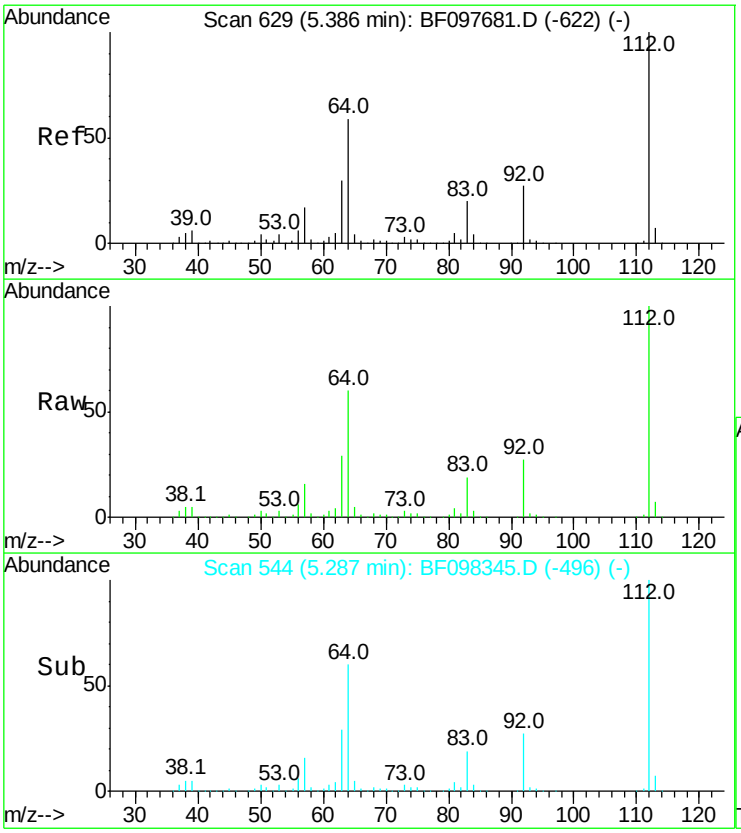

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:152 Resp: 90585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 126.2 | 189.2 |
| 115 | 63.7 | 52.2 | 78.2 |

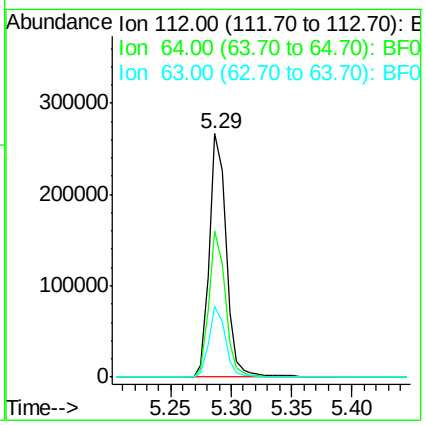


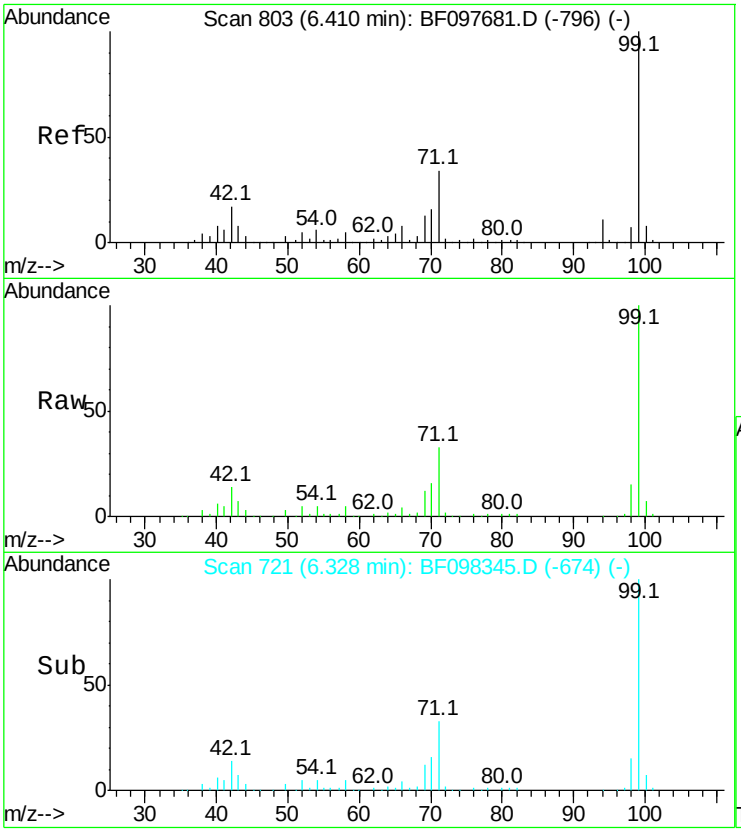




#5
2-Fluorophenol
Concen: 43.389 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:112 Resp: 258394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 46.0 | 69.0 |
| 63 | 29.3 | 23.4 | 35.0 |



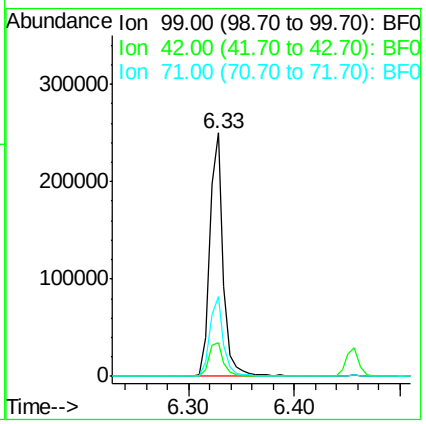


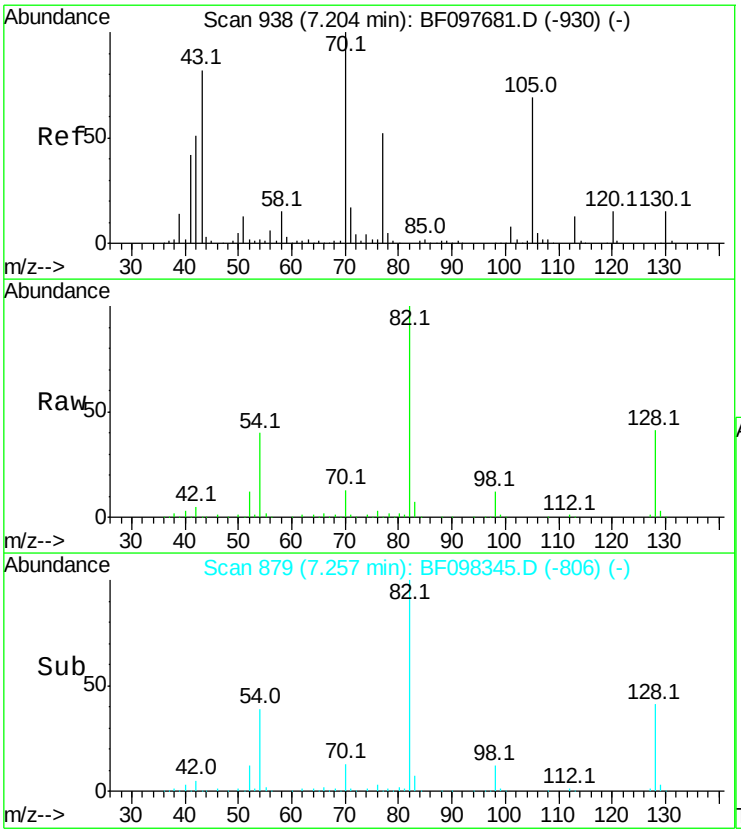

#7
Phenol-d6
Concen: 27.656 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion: 99 Resp: 223785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.8 | 13.5 | 20.3 |
| 71 | 32.6 | 24.5 | 36.7 |

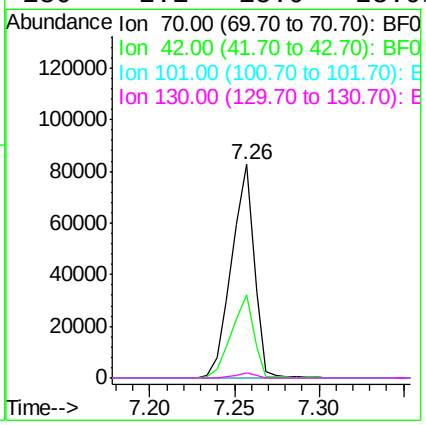


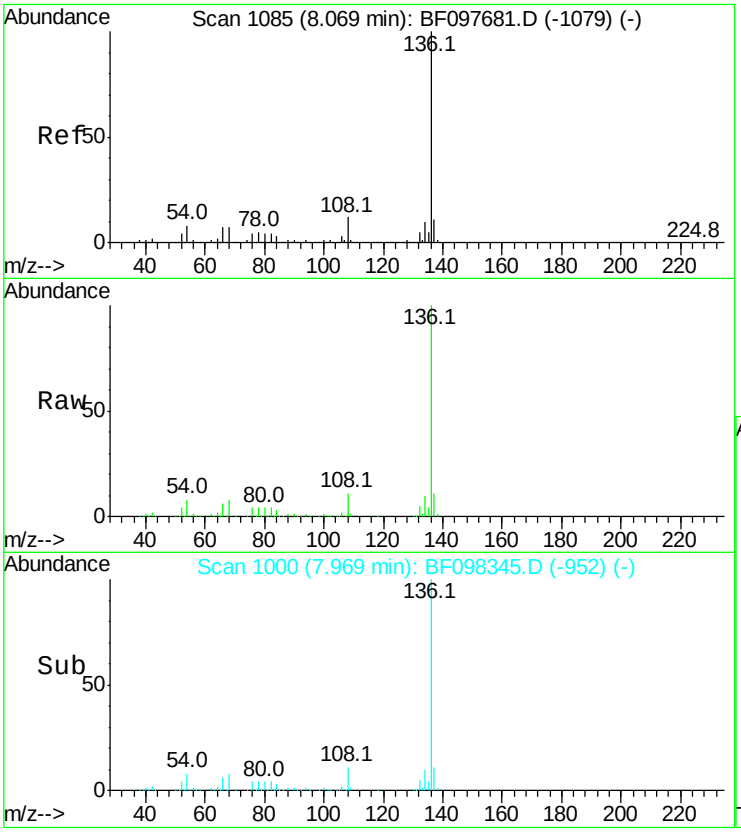




#19
n-Nitroso-di-n-propylamine
Concen: 13.939 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion: 70 Resp: 77211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.9 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.1 | 15.9 | 23.9# |



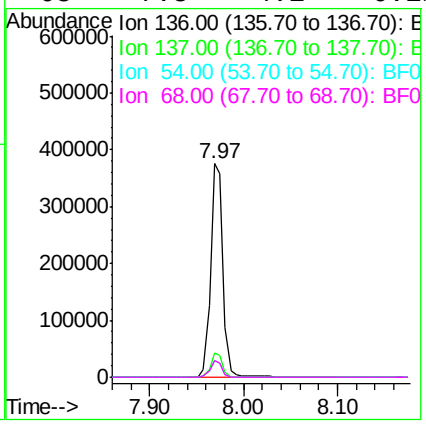


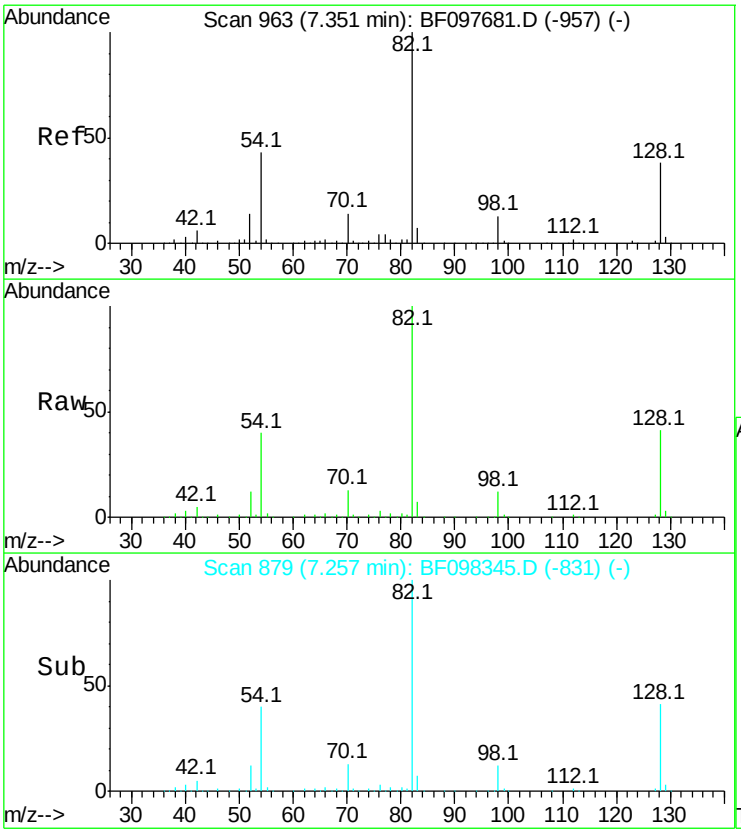

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:136 Resp: 351606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.5 | 12.7 |
| 54 | 7.5 | 4.9 | 7.3# |
| 68 | 7.8 | 4.1 | 6.1# |

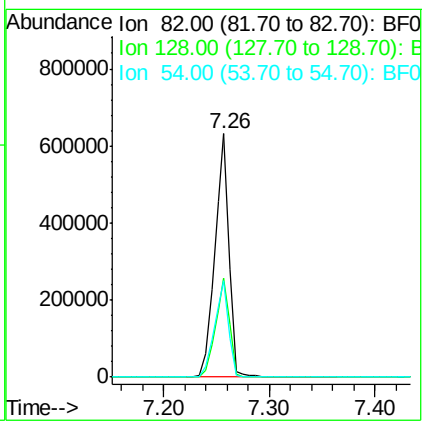


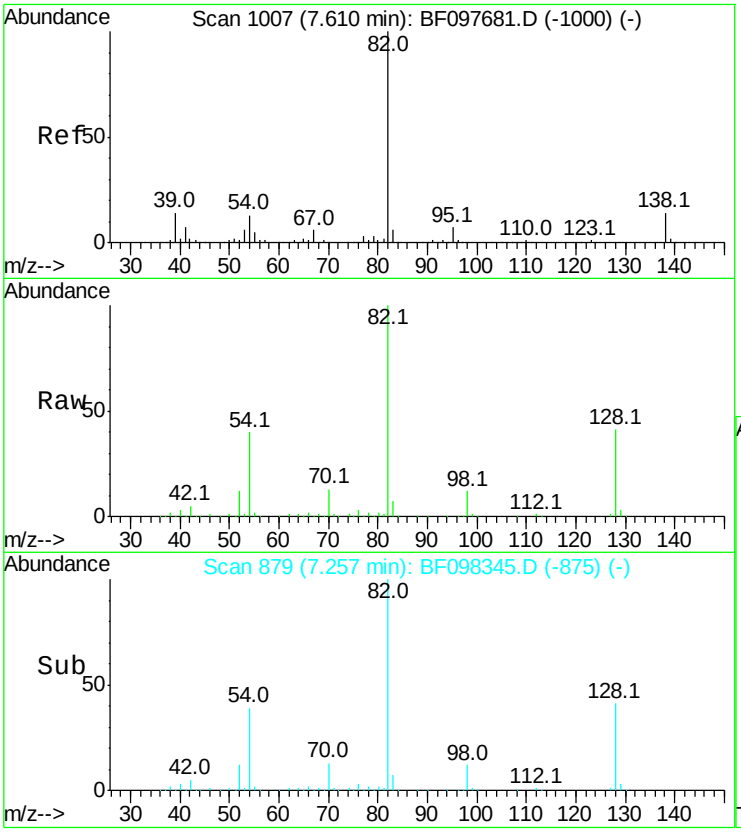




#23
Nitrobenzene-d5
Concen: 93.145 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion: 82 Resp: 602866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.6 | 34.0 | 51.0 |
| 54 | 39.6 | 42.2 | 63.2# |



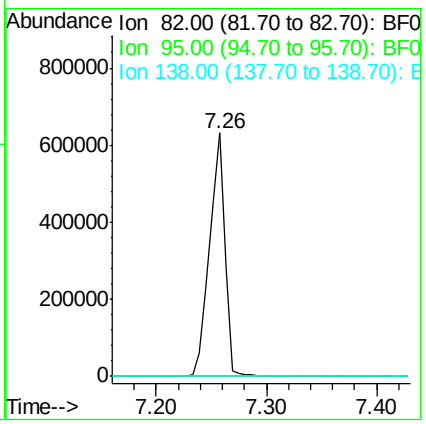


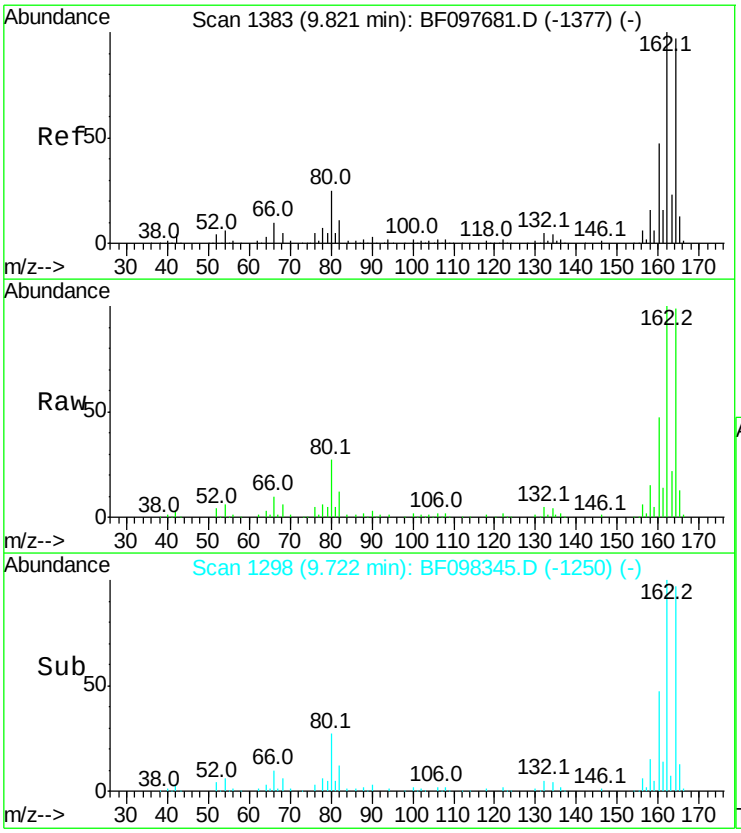

#25
Isophorone
Concen: 44.795 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion: 82 Resp: 602859

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

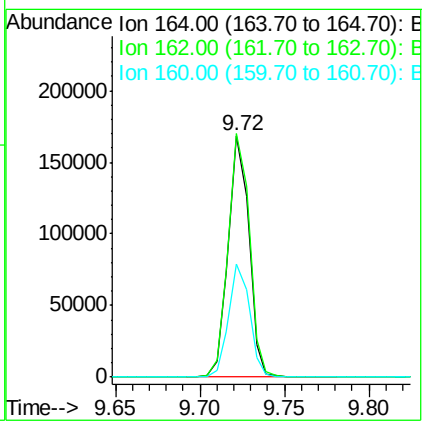


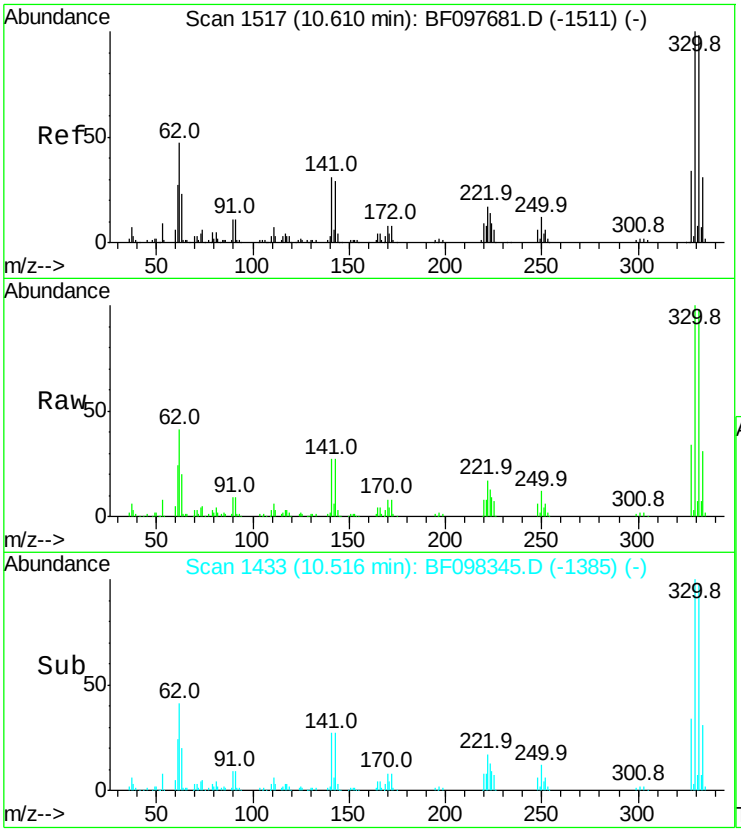




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:164 Resp: 143215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 82.6 | 123.8 |
| 160 | 47.0 | 36.2 | 54.2 |



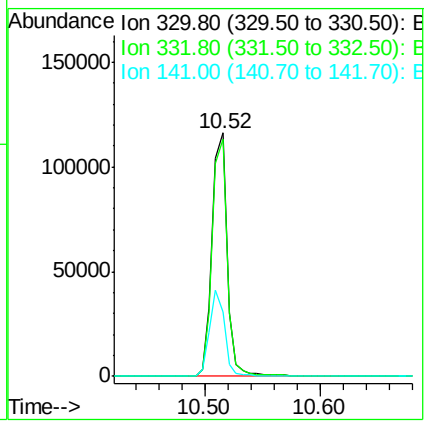


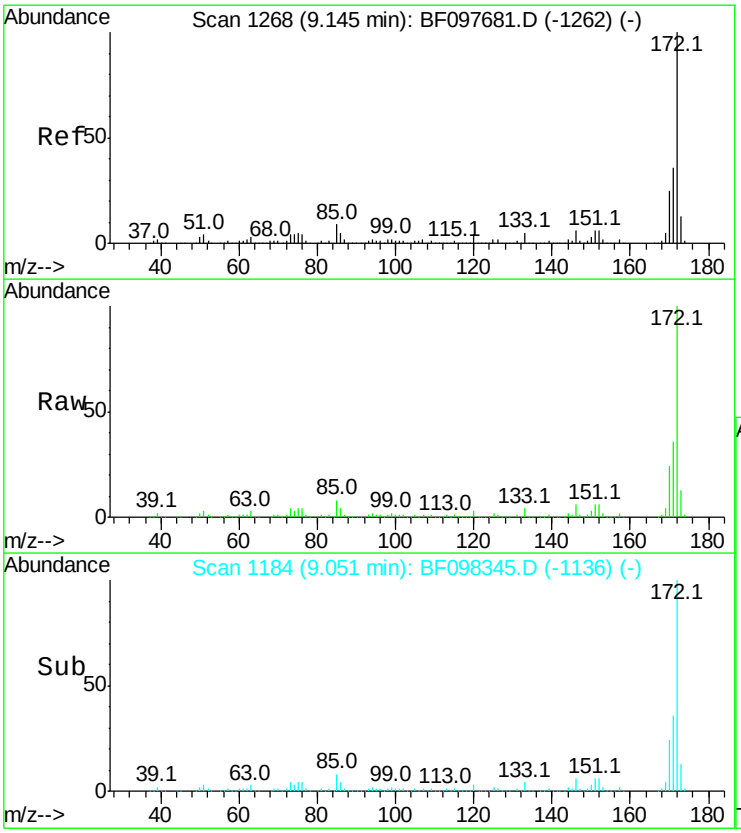

#41
2,4,6-Tribromophenol
Concen: 85.730 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:330 Resp: 106530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.6 | 115.0 |
| 141 | 35.3 | 31.4 | 47.2 |

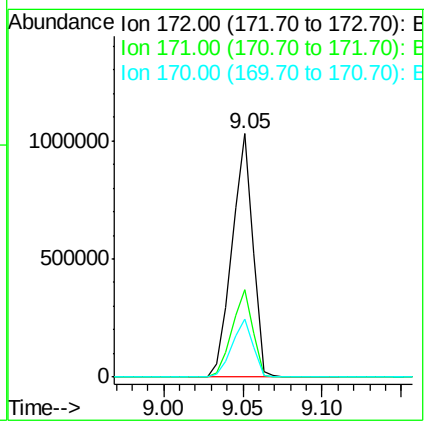


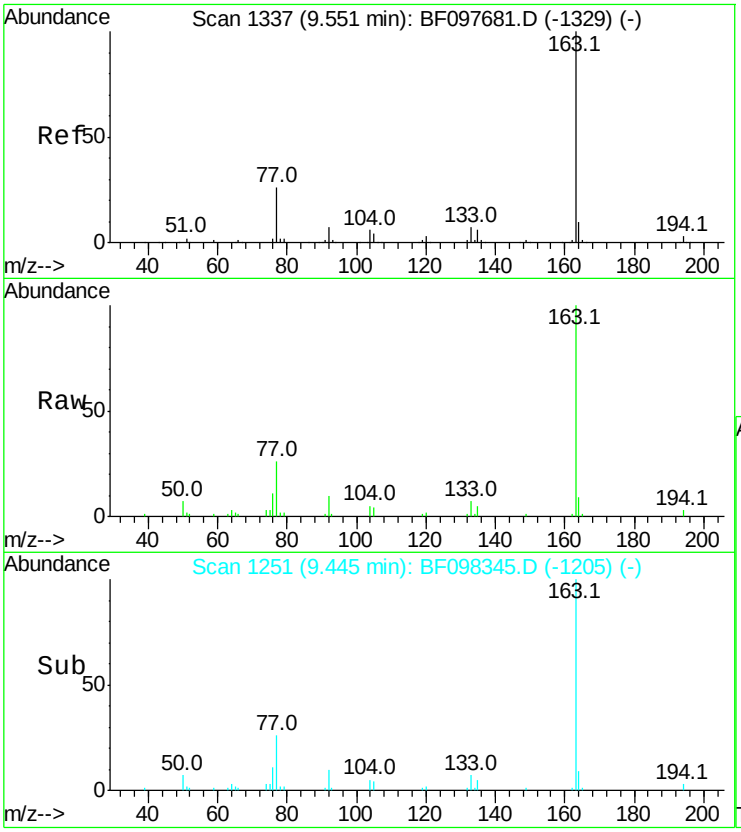




#44
2-Fluorobiphenyl
Concen: 96.684 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:172 Resp: 942451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.6 | 44.4 |
| 170 | 24.0 | 19.8 | 29.8 |



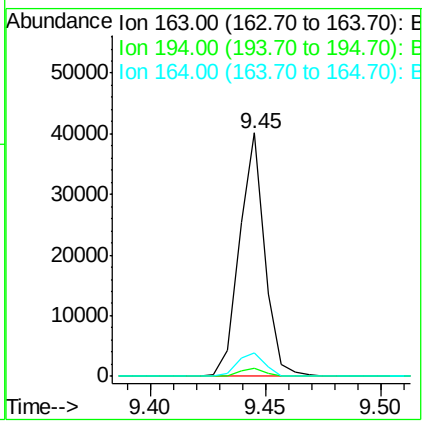


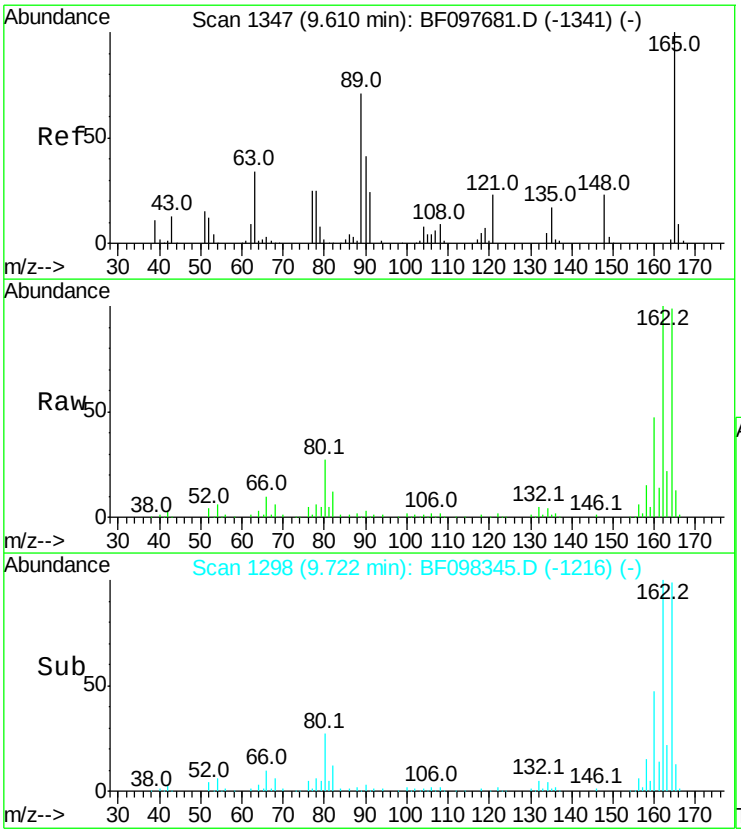

#49
Dimethylphthalate
Concen: 2.931 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:163 Resp: 30679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 9.4 | 8.4 | 12.6 |

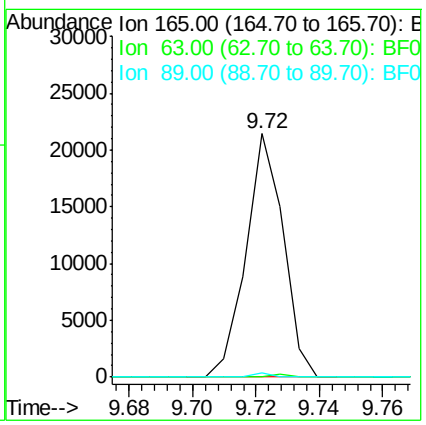


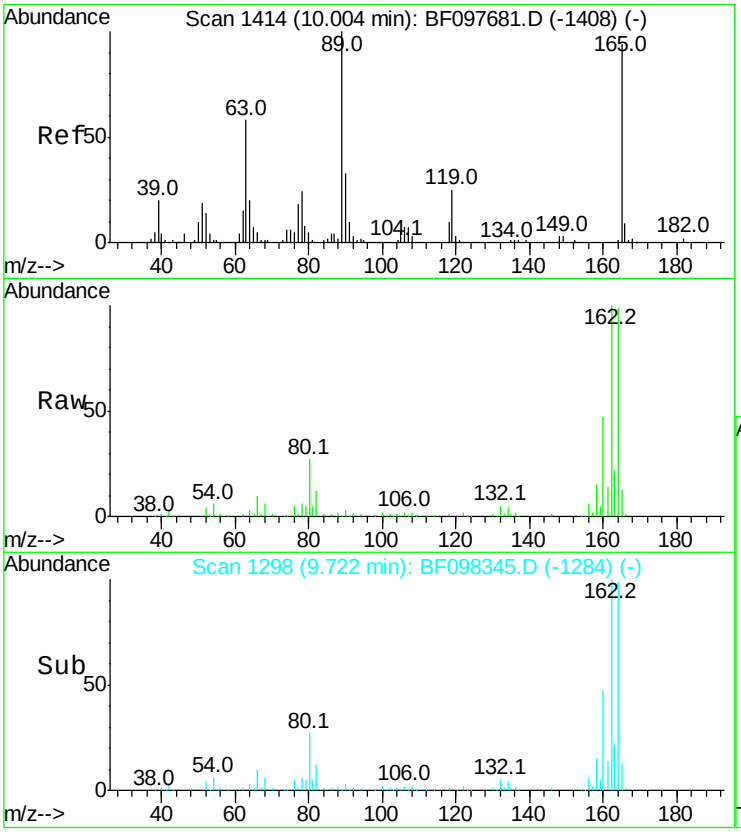




#50
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.18 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:165 Resp: 17420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 34.3 | 51.5# |
| 89 | 1.8 | 37.1 | 55.7# |



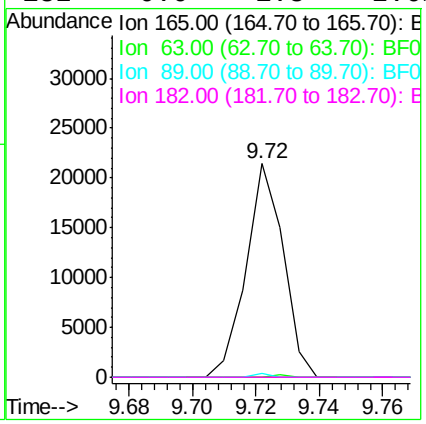


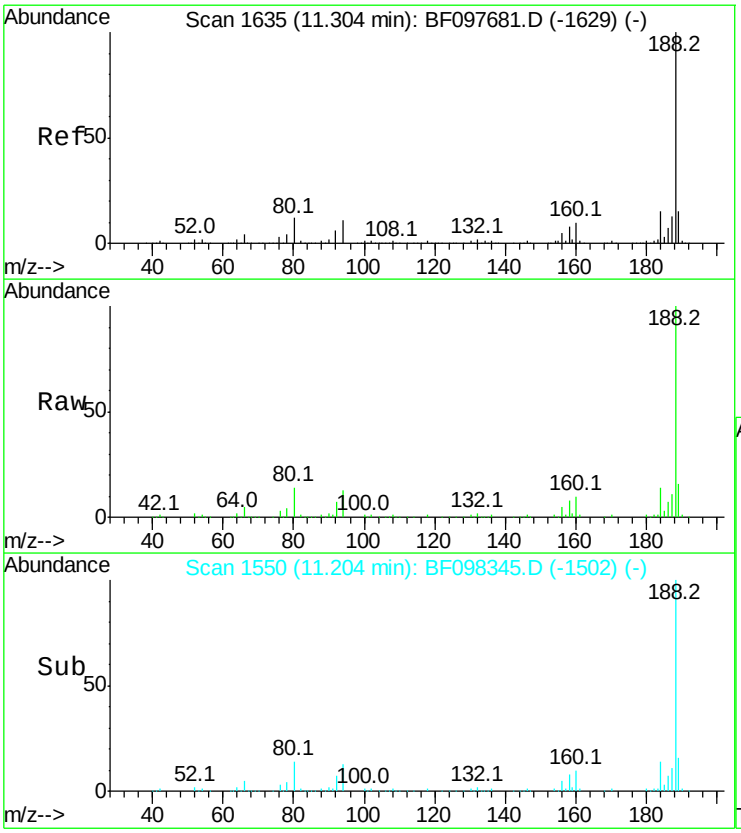

#56
2,4-Dinitrotoluene
Concen: 6.643 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.22 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:165 Resp: 17420

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

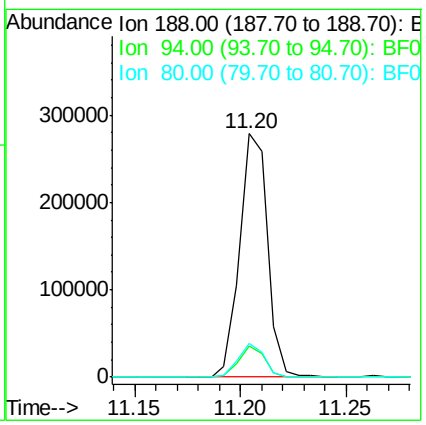


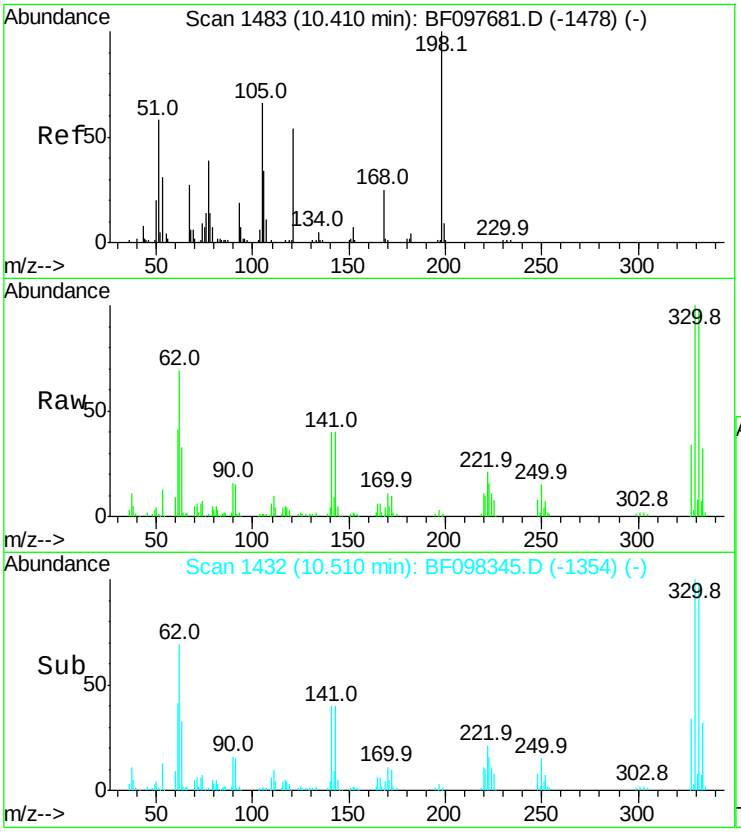




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:188 Resp: 255562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.9 | 9.4 | 14.2 |
| 80 | 13.8 | 10.2 | 15.2 |



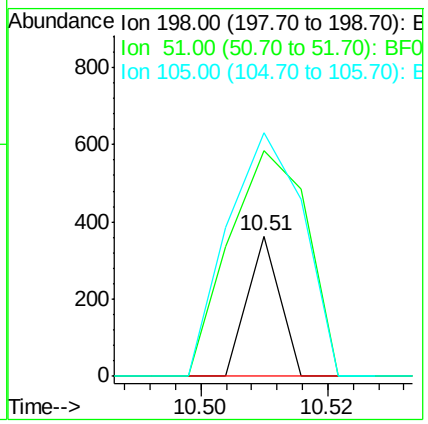


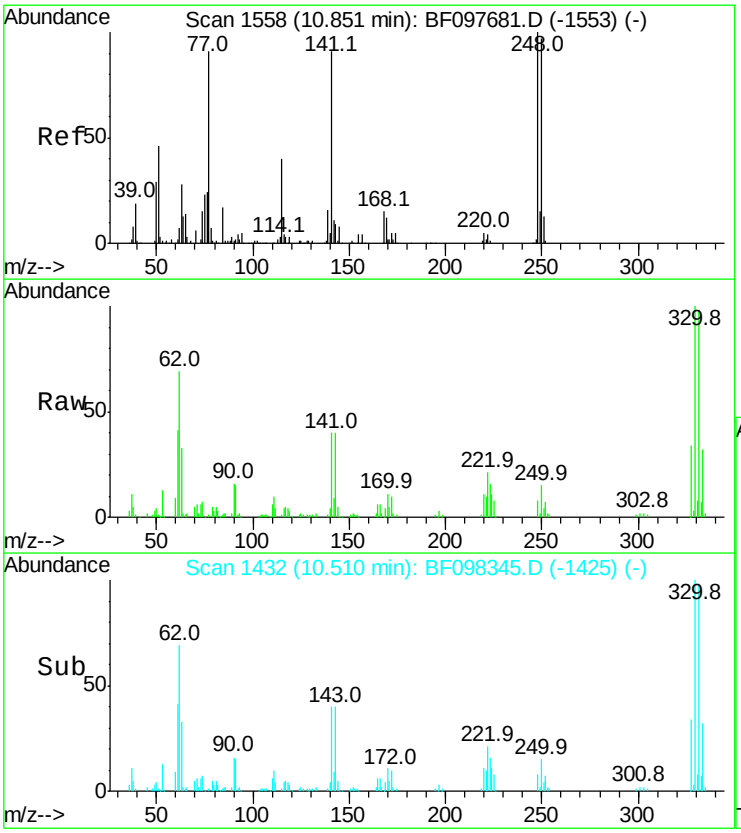

#64
4,6-Dinitro-2-methylphenol
Concen: 8.409 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.16 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:198 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 160.9 | 53.2 | 93.2# |
| 105 | 173.8 | 45.8 | 85.8# |

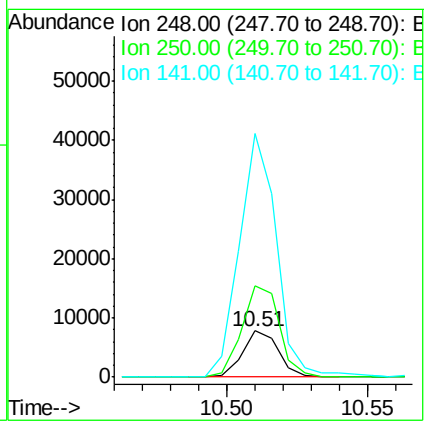


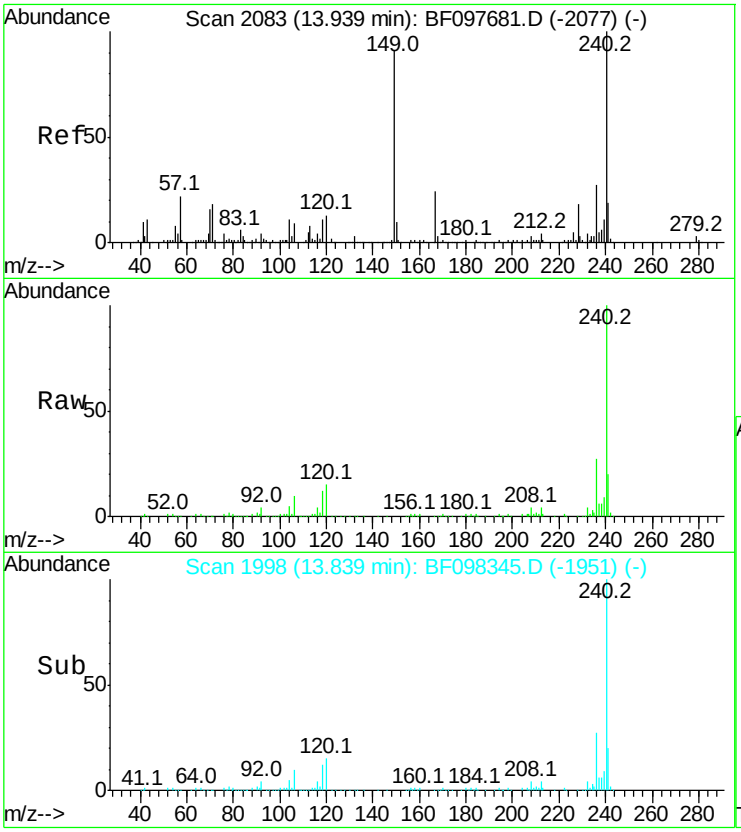




#66
4-Bromophenyl-phenylether
Concen: 2.595 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:248 Resp: 6888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 196.8 | 76.8 | 115.2# |
| 141 | 526.8 | 68.6 | 103.0# |



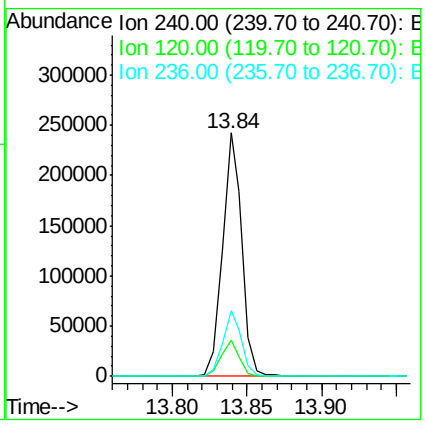


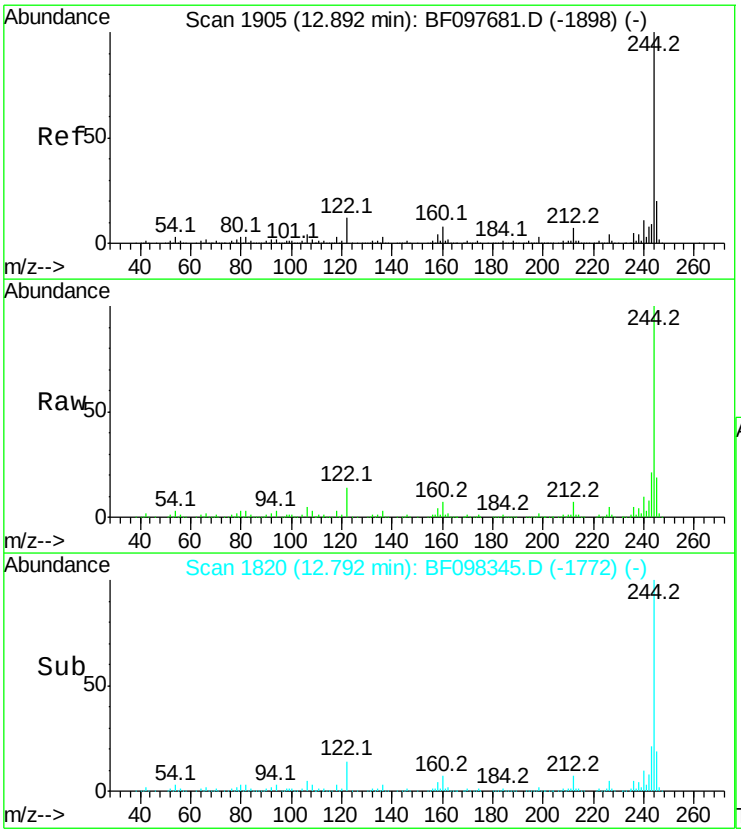

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:240 Resp: 221280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.8 | 5.8 | 8.8# |
| 236 | 26.7 | 20.5 | 30.7 |

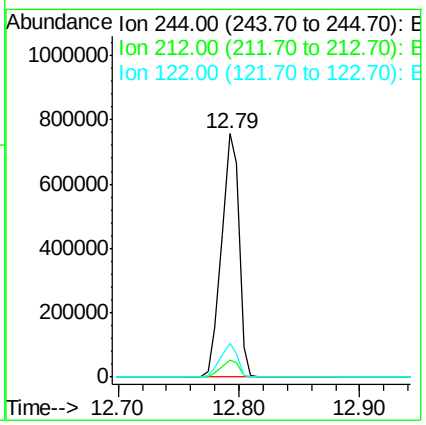


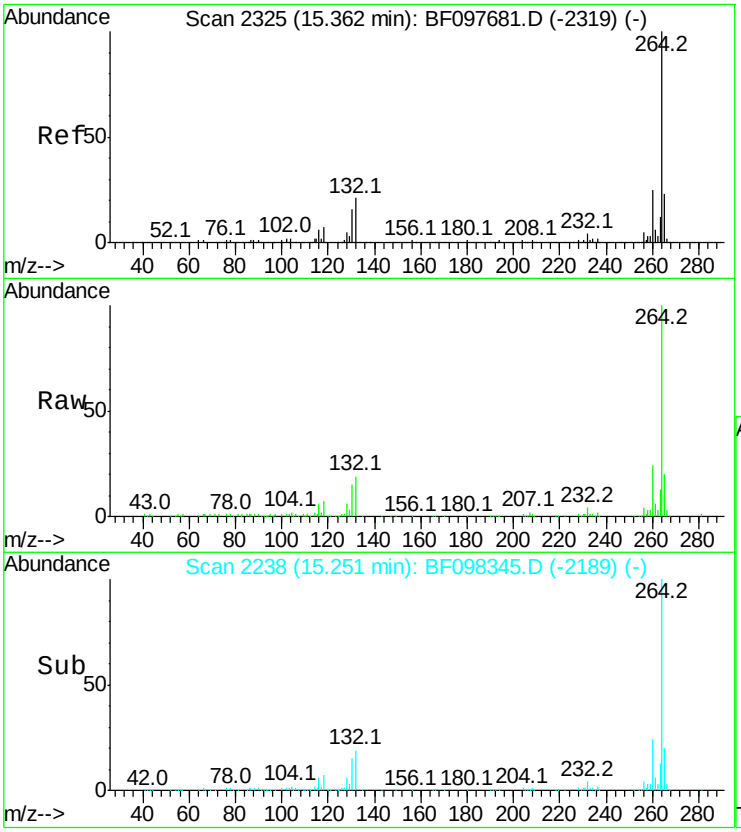




#78
Terphenyl-d14
Concen: 71.206 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

Tgt Ion:244 Resp: 755585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.0 | 9.0 |
| 122 | 13.7 | 10.3 | 15.5 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098345.D
Acq: 8 Sep 2017 6:28

**Instrument :**
BNA_F
**ClientSampleId :**
090617-TIDO-F-U-S

Tgt Ion:264 Resp: 147264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.5 | 29.3 |
| 265 | 19.8 | 17.2 | 25.8 |