Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095656.D
Acq On : 3 Jun 2017 4:21
Operator : SJ/MA
Sample : PB99424BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 05 05:00:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 87508 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 9.57 | 136 | 351057 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 12.40 | 164 | 141216 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 14.80 | 188 | 206206 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 18.50 | 240 | 169071 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 20.17 | 264 | 113430 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 497650 | 94.81 | ng | 0.01 |
| 7) Phenol-d6 | 7.09 | 99 | 593340 | 94.22 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.45 | 82 | 486011 | 87.30 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.70 | 330 | 86324 | 74.64 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 11.35 | 172 | 941239 | 95.94 | ng | 0.00 |
| 78) Terphenyl-d14 | 17.15 | 244 | 580910 | 75.68 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 7.77 | 79 | 8591 | 2.12 | ng | # 36 |
| 19) n-Nitroso-di-n-propylamine | 8.45 | 70 | 57200 | 13.43 | ng | # 75 |
| 50) 2,6-Dinitrotoluene | 12.40 | 165 | 17287 | 7.31 | ng | # 31 |
| 76) Benzidine | 16.90 | 184 | 3072 | 7.17 | ng | # 62 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095656.D
Acq On : 3 Jun 2017 4:21
Operator : SJ/MA
Sample : PB99424BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
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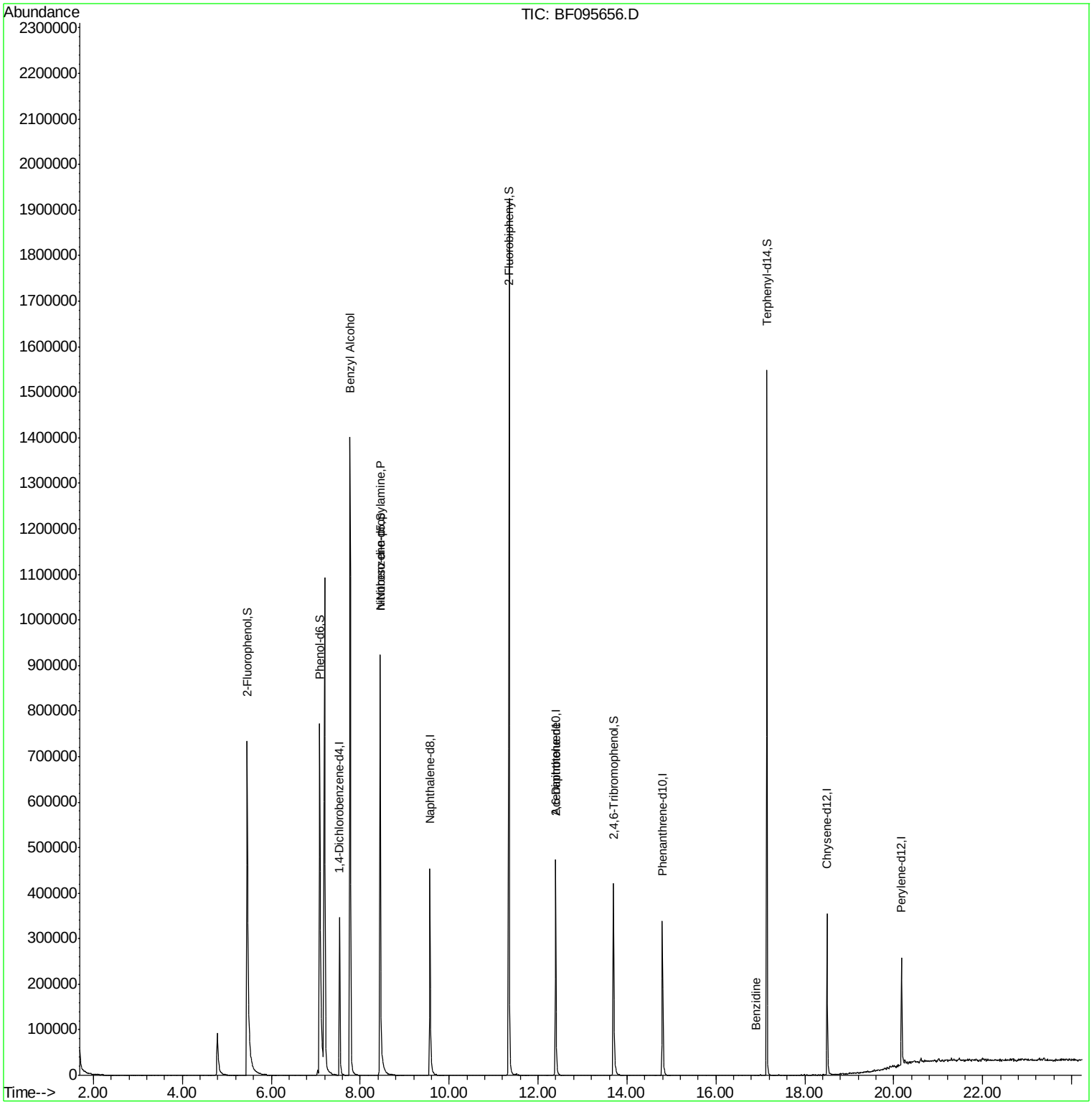
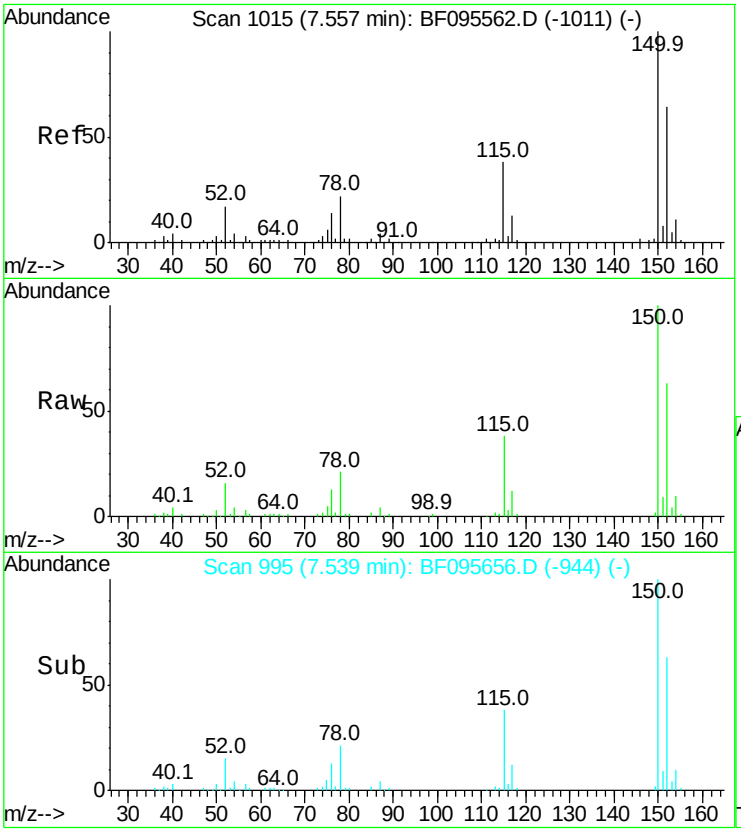
Quant Time: Jun 05 05:00:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration



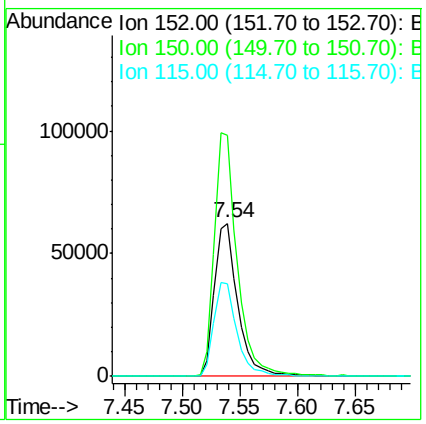


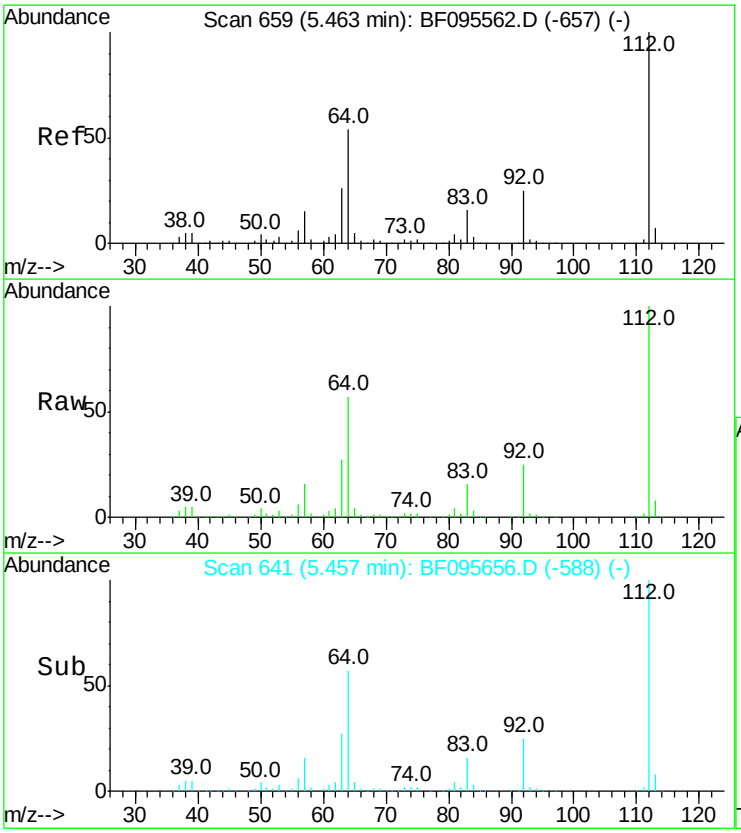

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion:152 Resp: 87508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 126.2 | 189.2 |
| 115 | 60.2 | 52.2 | 78.2 |

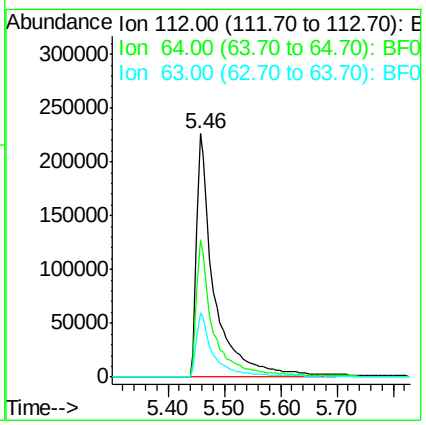


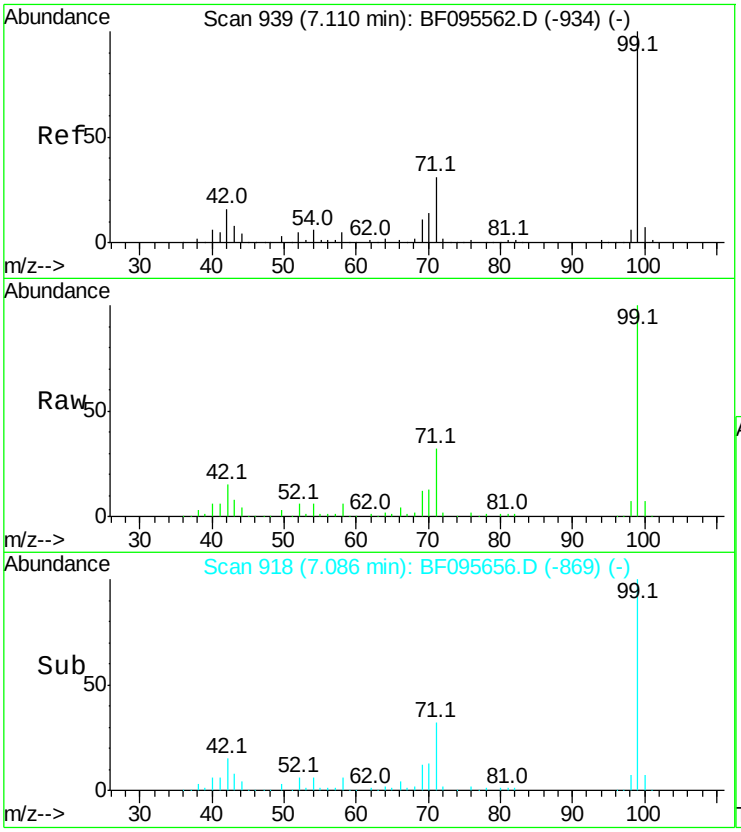




#5
2-Fluorophenol
Concen: 94.81 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:112 Resp: 497650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.7 | 46.0 | 69.0 |
| 63 | 26.7 | 23.4 | 35.0 |



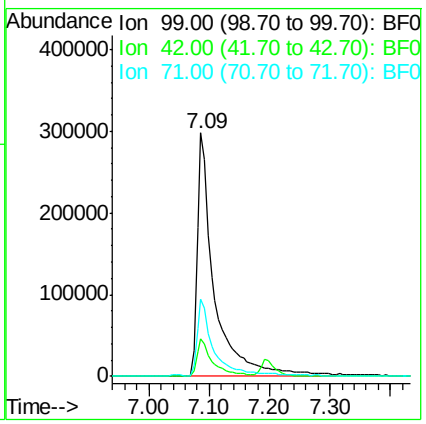


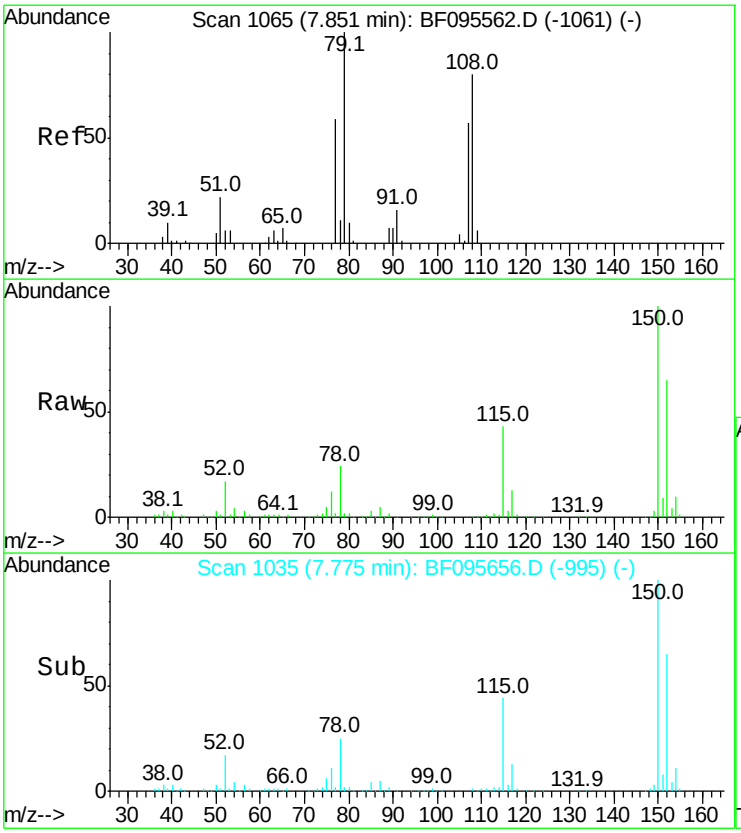

#7
Phenol-d6
Concen: 94.22 ng
RT: 7.09 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion: 99 Resp: 593340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.4 | 13.5 | 20.3 |
| 71 | 31.6 | 24.5 | 36.7 |

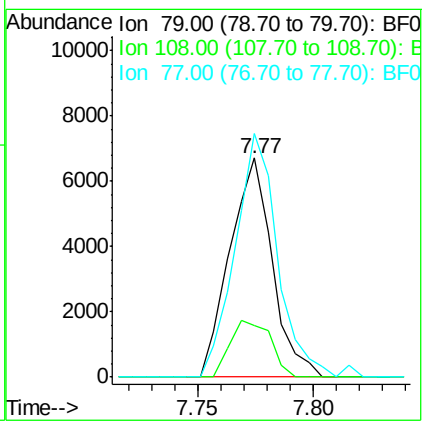


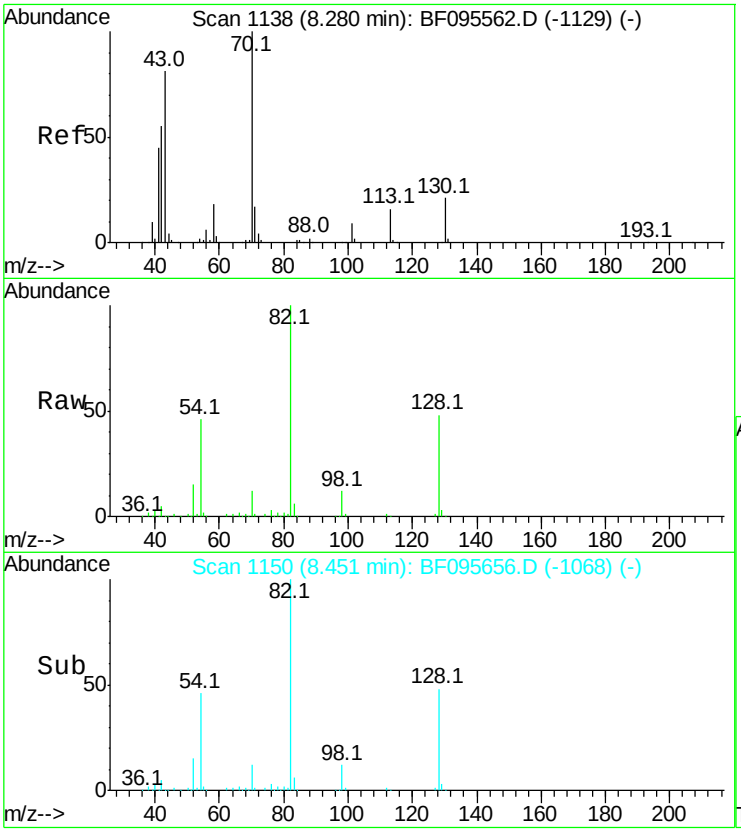




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 7.77 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion: 79 Resp: 8591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 23.7 | 63.4 | 95.0# |
| 77 | 111.3 | 49.2 | 73.8# |



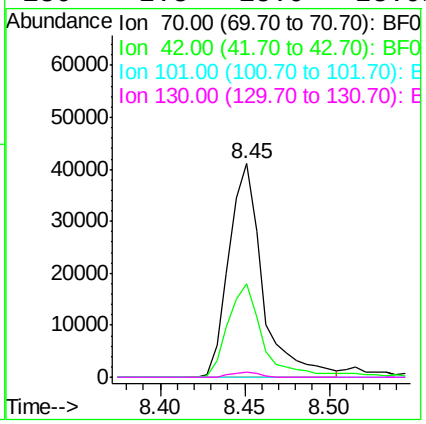


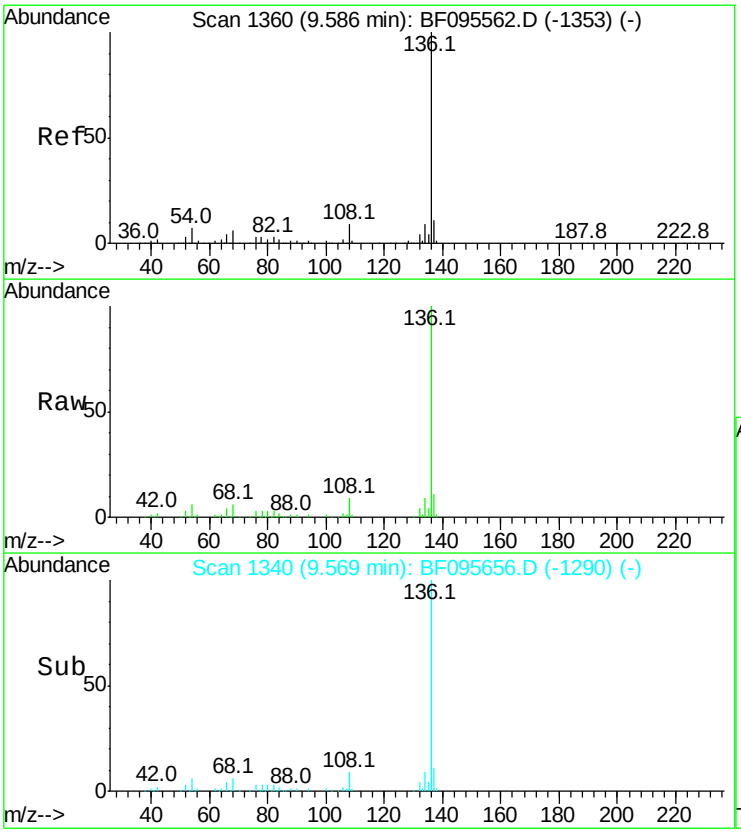

#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion: 70 Resp: 57200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.8 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.3 | 15.9 | 23.9# |

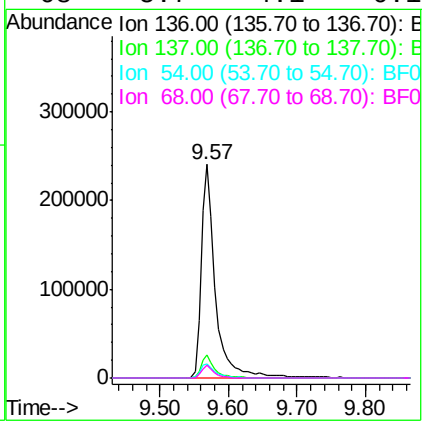


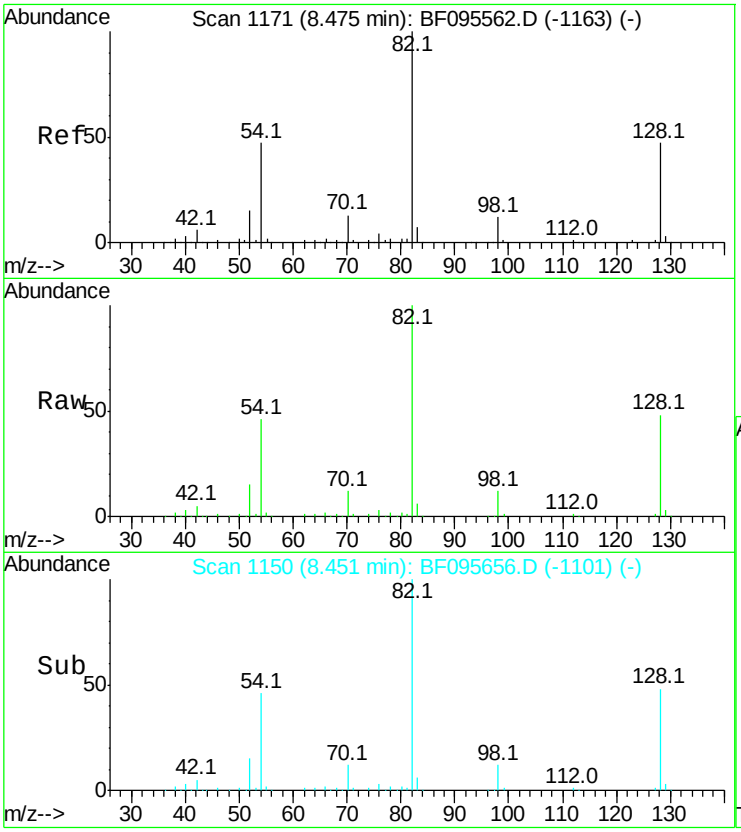




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:136 Resp: 351057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.5 | 12.7 |
| 54 | 6.5 | 4.9 | 7.3 |
| 68 | 5.7 | 4.1 | 6.1 |



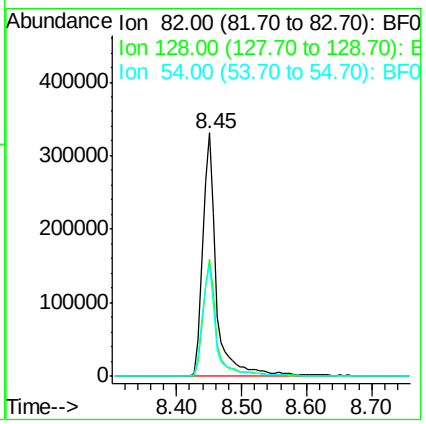


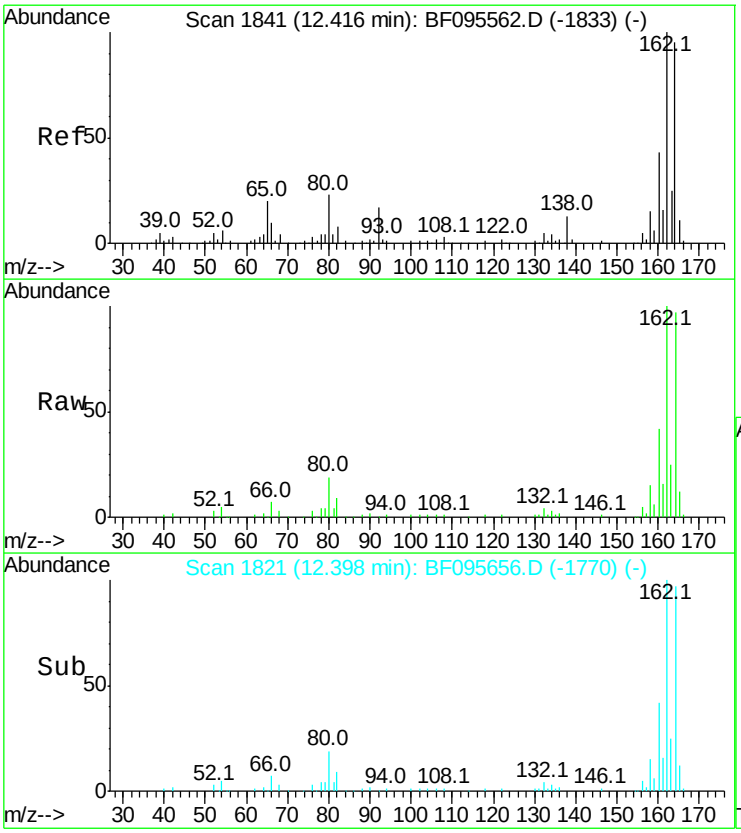

#23
Nitrobenzene-d5
Concen: 87.30 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion: 82 Resp: 486011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.3 | 34.0 | 51.0 |
| 54 | 46.0 | 42.2 | 63.2 |

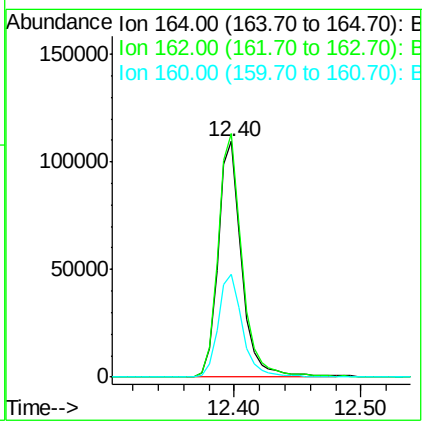


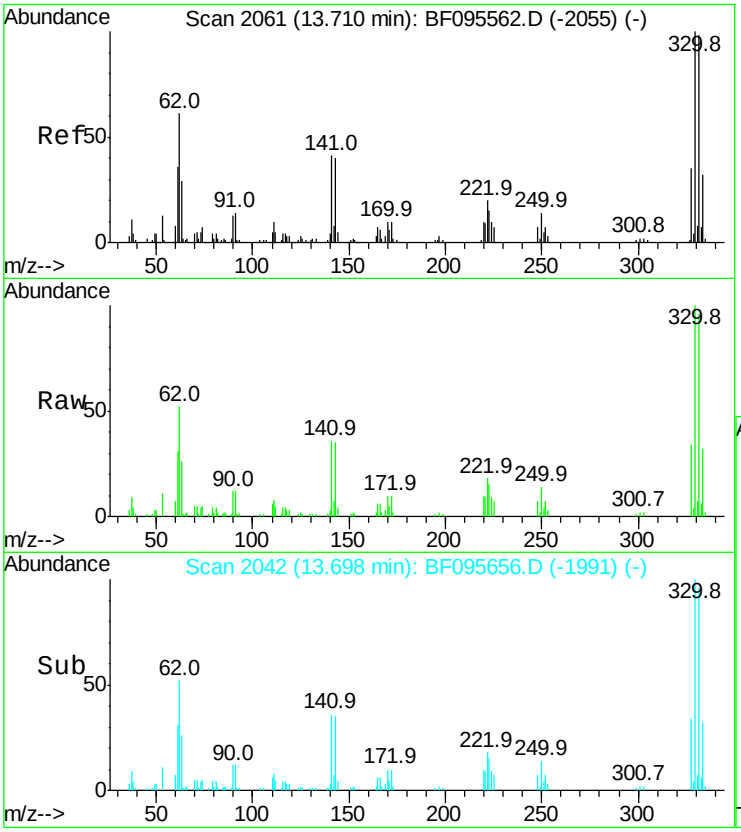




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:164 Resp: 141216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.6 | 123.8 |
| 160 | 43.6 | 36.2 | 54.2 |



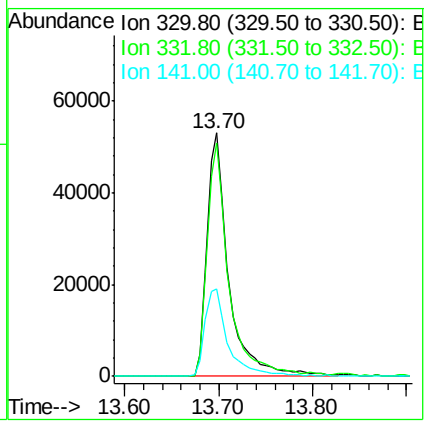


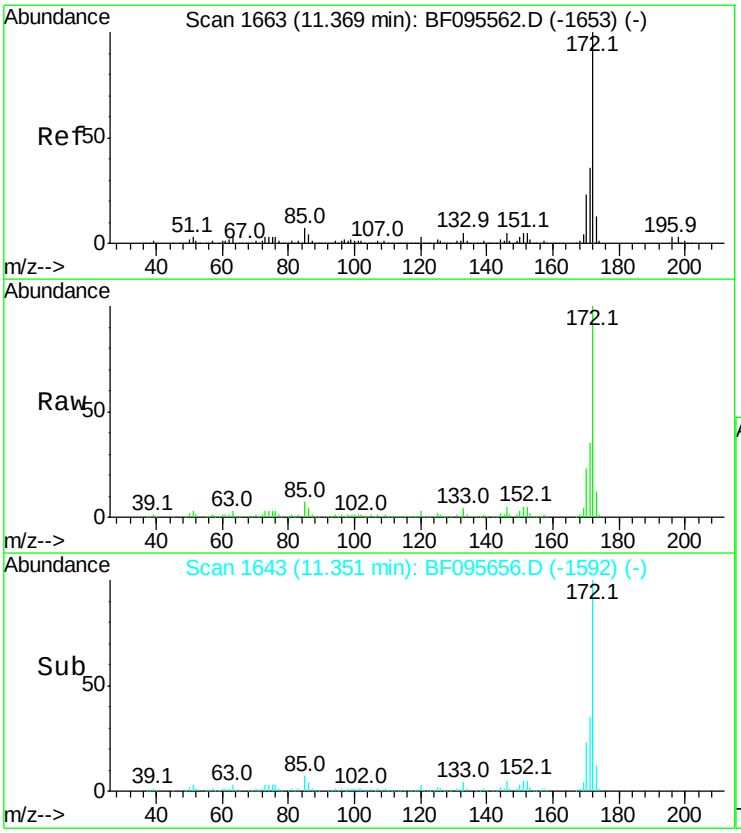

#41
2,4,6-Tribromophenol
Concen: 74.64 ng
RT: 13.70 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion:330 Resp: 86324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 76.6 | 115.0 |
| 141 | 38.2 | 31.4 | 47.2 |

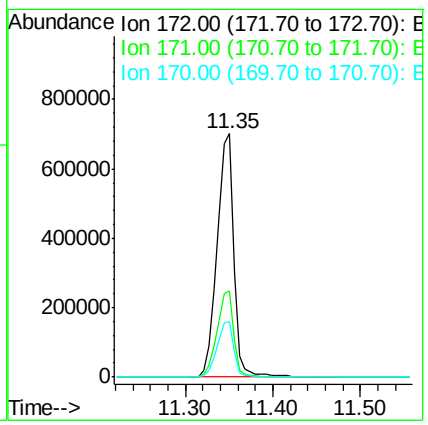


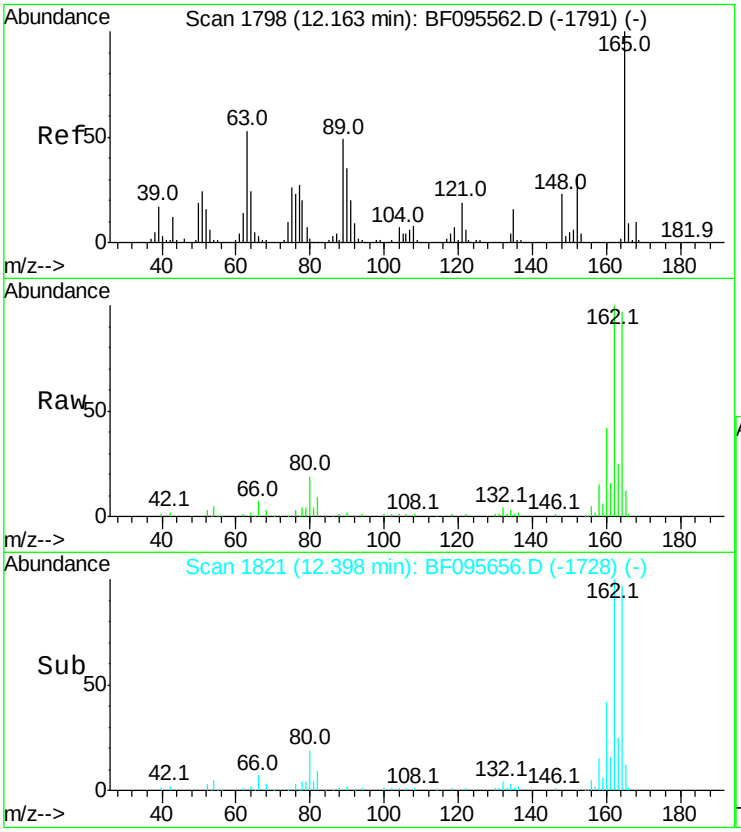




#44
2-Fluorobiphenyl
Concen: 95.94 ng
RT: 11.35 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:172 Resp: 941239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 29.6 | 44.4 |
| 170 | 22.6 | 19.8 | 29.8 |



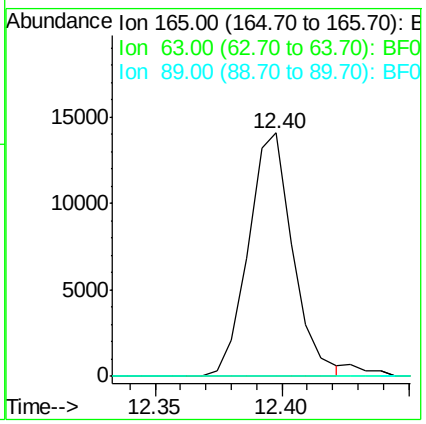


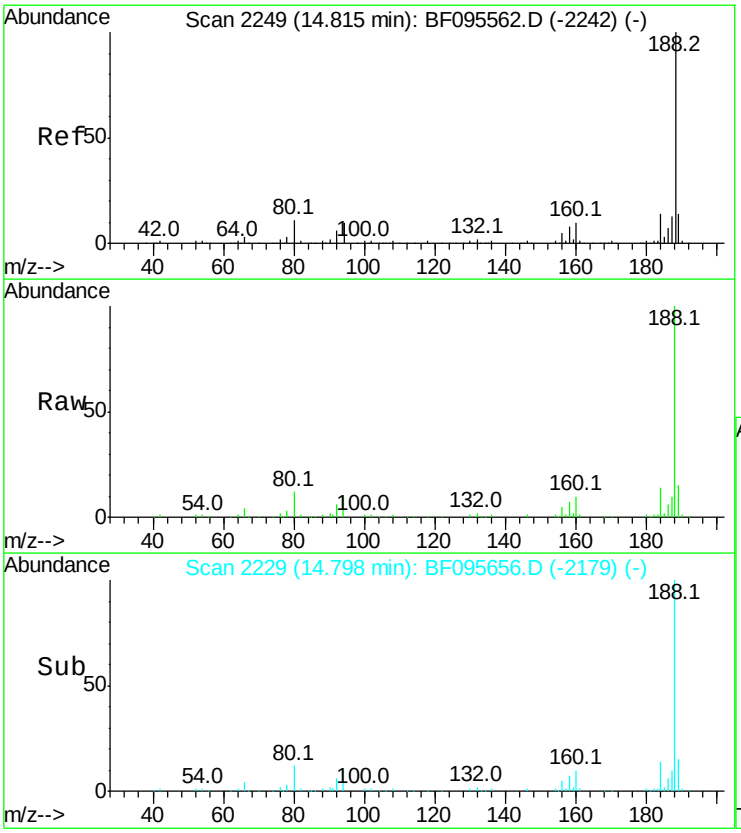

#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 12.40 min Scan# 1821
Delta R.T. 0.25 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion:165 Resp: 17287

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

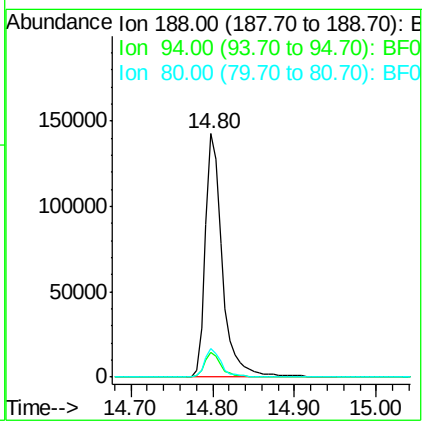


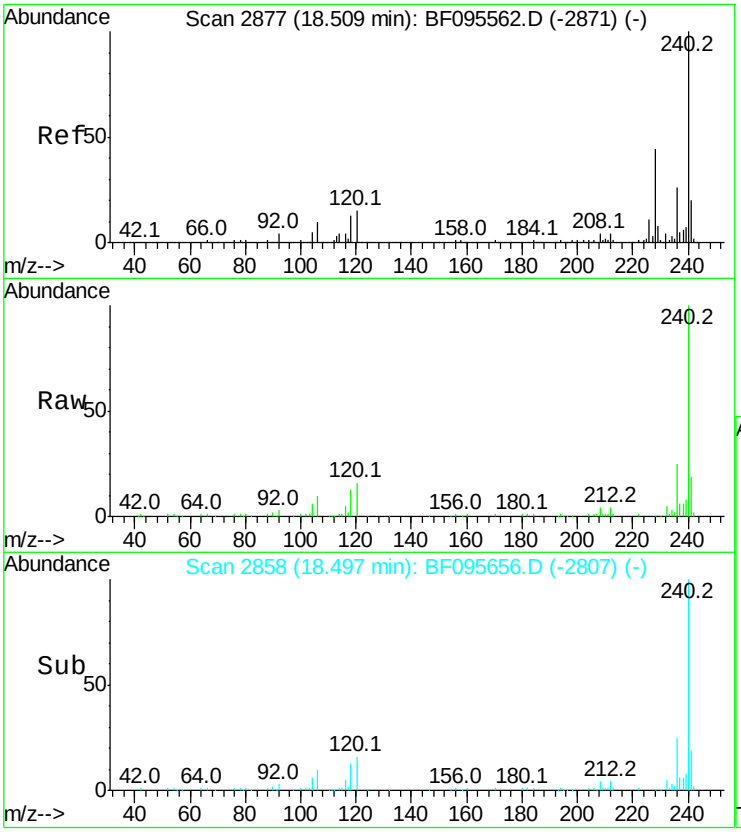




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:188 Resp: 206206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.3 | 9.4 | 14.2 |
| 80 | 11.6 | 10.2 | 15.2 |



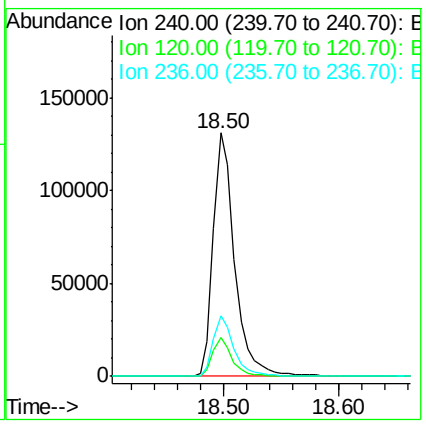


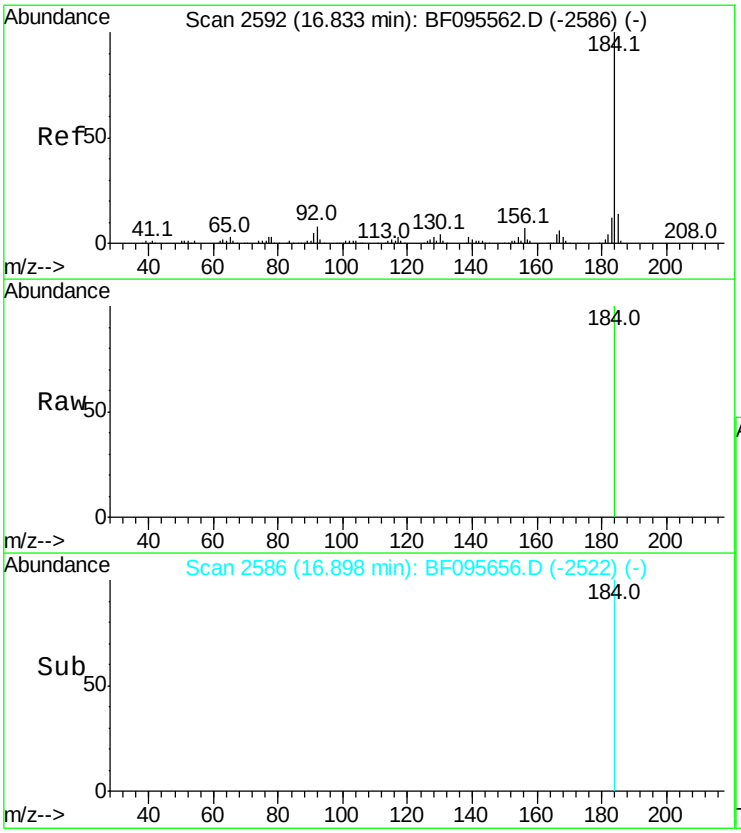

#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion:240 Resp: 169071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.2 | 5.8 | 8.8# |
| 236 | 25.0 | 20.5 | 30.7 |

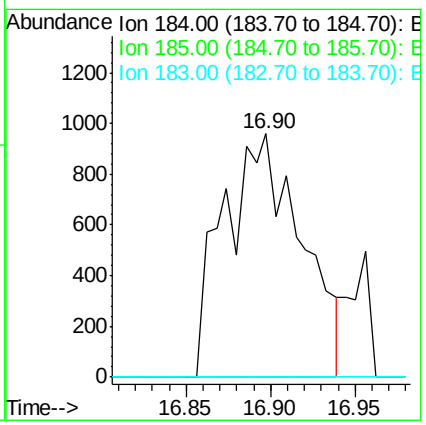


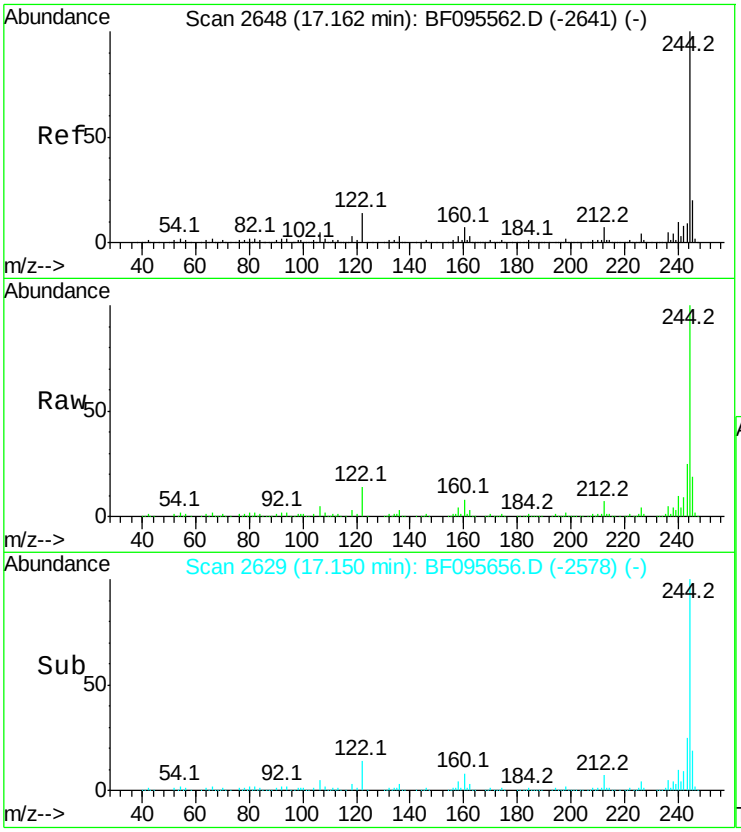




#76
Benzidine
Concen: 7.17 ng
RT: 16.90 min Scan# 2586
Delta R.T. 0.08 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:184 Resp: 3072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 0.0 | 15.5 | 23.3# |
| 183 | 0.0 | 9.8 | 14.6# |



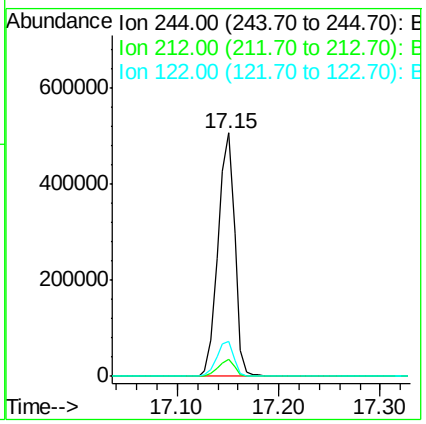


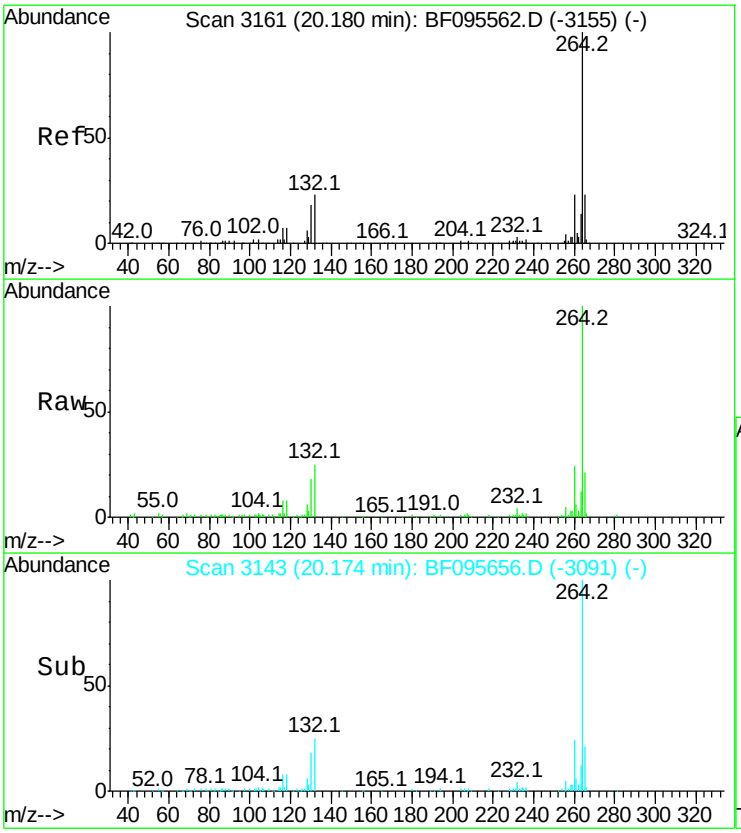

#78
Terphenyl-d14
Concen: 75.68 ng
RT: 17.15 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

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

Tgt Ion:244 Resp: 580910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.0 | 9.0 |
| 122 | 14.3 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:264 Resp: 113430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.5 | 29.3 |
| 265 | 21.1 | 17.2 | 25.8 |