Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101757.D
Acq On : 27 Dec 2017 11:50
Operator : SJ/JU
Sample : I7010-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Dec 27 12:17:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 143391 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 532181 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 199319 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 315548 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 305074 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 251426 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 280273 | 29.12 | ng | 0.02 |
| 7) Phenol-d6 | 6.45 | 99 | 222237 | 18.55 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 795268 | 83.18 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 129130 | 67.23 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1226748 | 95.47 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 891980 | 70.49 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 103845 | 13.199 | ng | # 80 |
| 25) Isophorone | 7.36 | 82 | 795268 | 41.466 | ng | # 64 |
| 50) 2,6-Dinitrotoluene | 9.83 | 165 | 25323 | 7.771 | ng | # 26 |
| 56) 2,4-Dinitrotoluene | 9.83 | 165 | 25323 | 6.898 | ng | # 23 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 7471 | 2.107 | ng | # 1 |

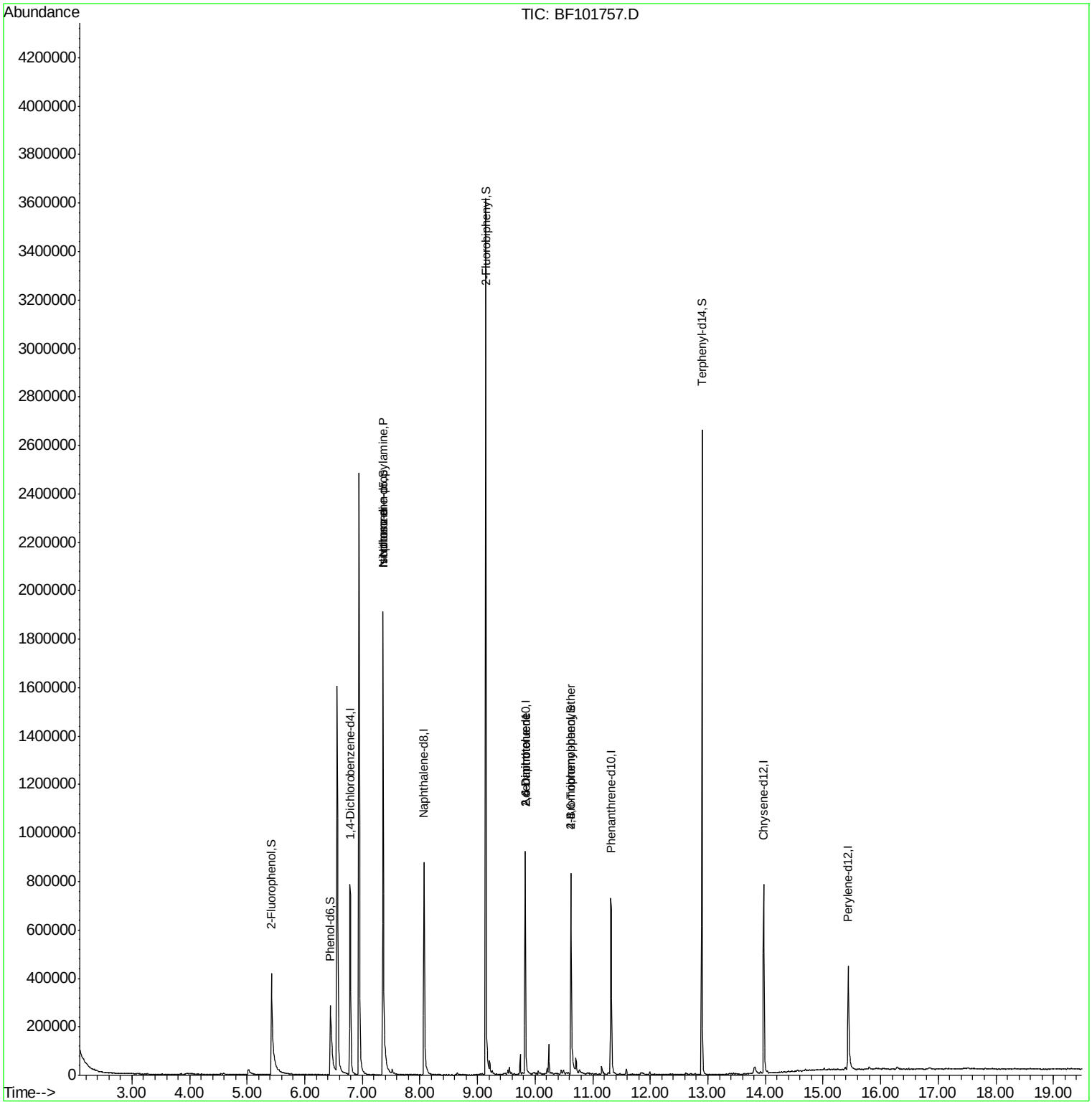
(#) = qualifier out of range (m) = manual integration (+) = signals summed

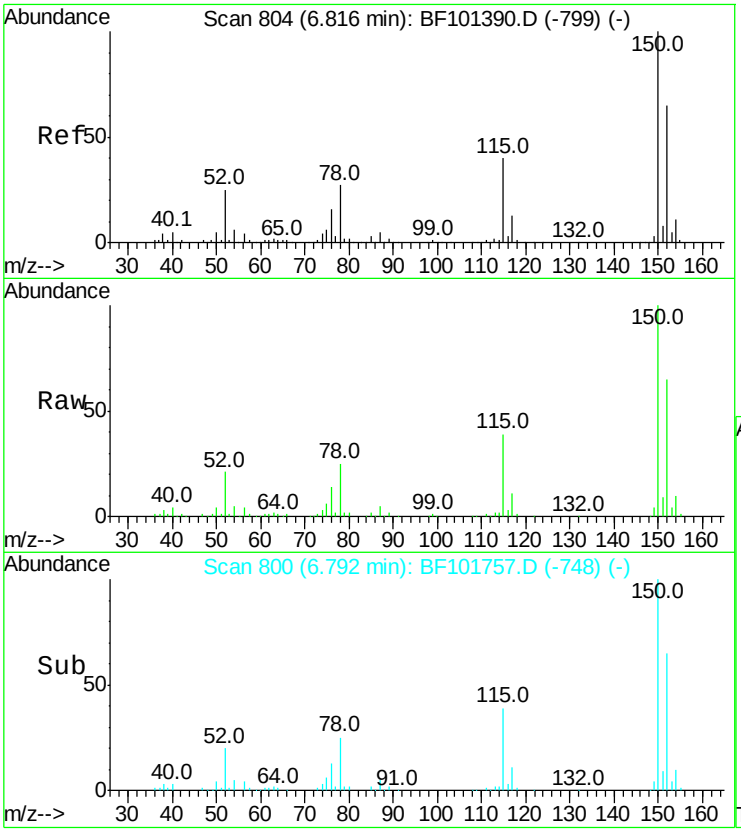
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101757.D
Acq On : 27 Dec 2017 11:50
Operator : SJ/JU
Sample : I7010-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Dec 27 12:17:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



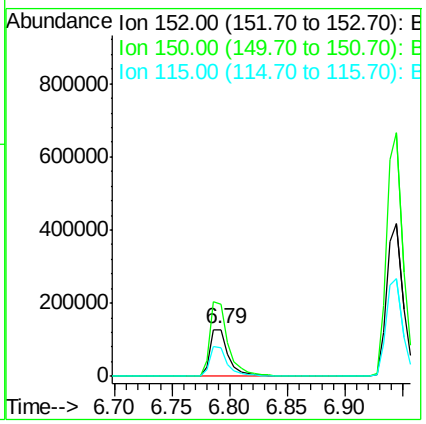


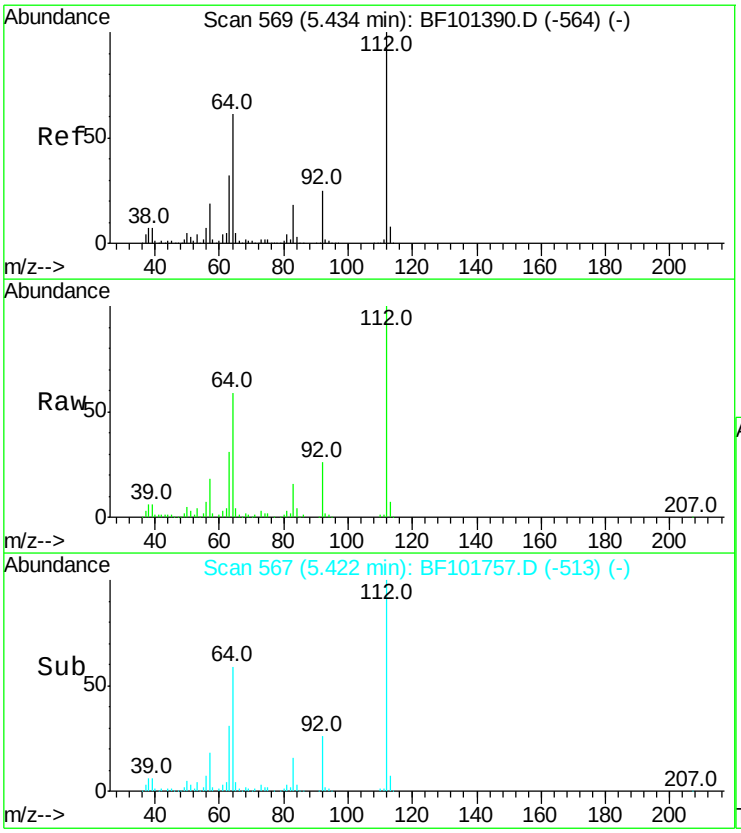

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:152 Resp: 143391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.7 | 124.6 | 186.8 |
| 115 | 60.3 | 50.1 | 75.1 |

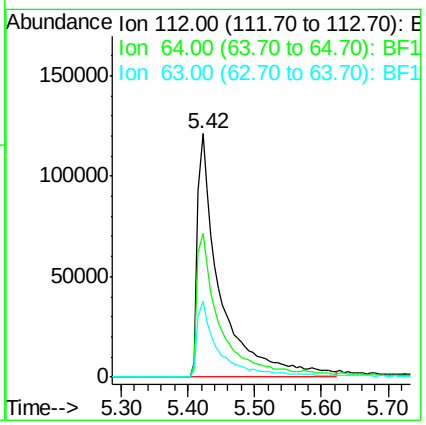


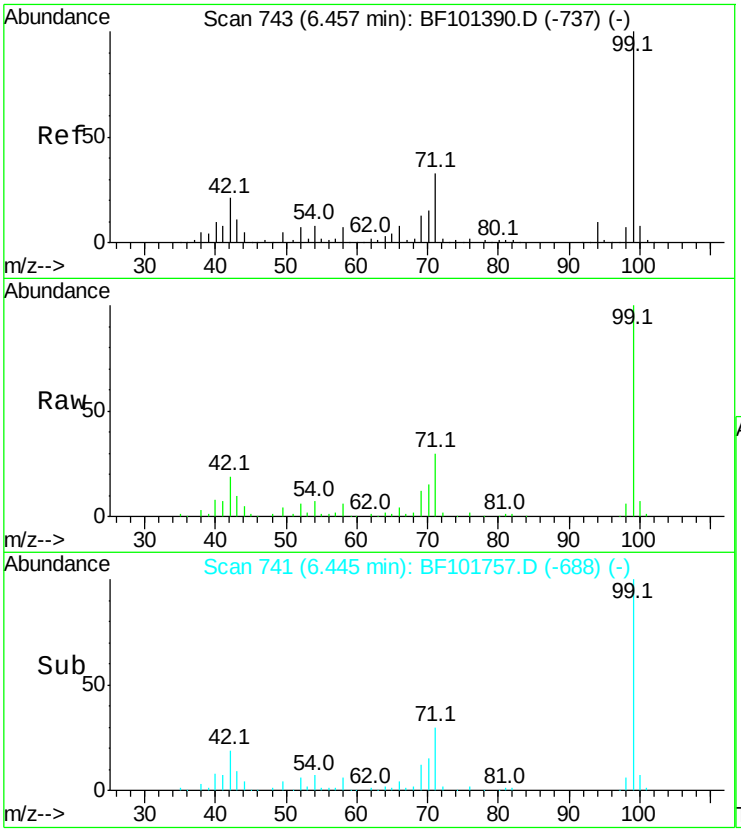




#5
2-Fluorophenol
Concen: 29.115 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:112 Resp: 280273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 47.9 | 71.9 |
| 63 | 31.2 | 23.7 | 35.5 |



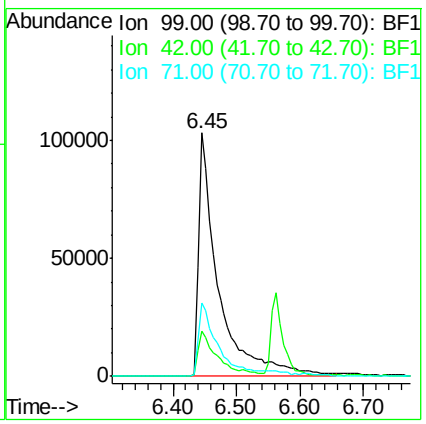


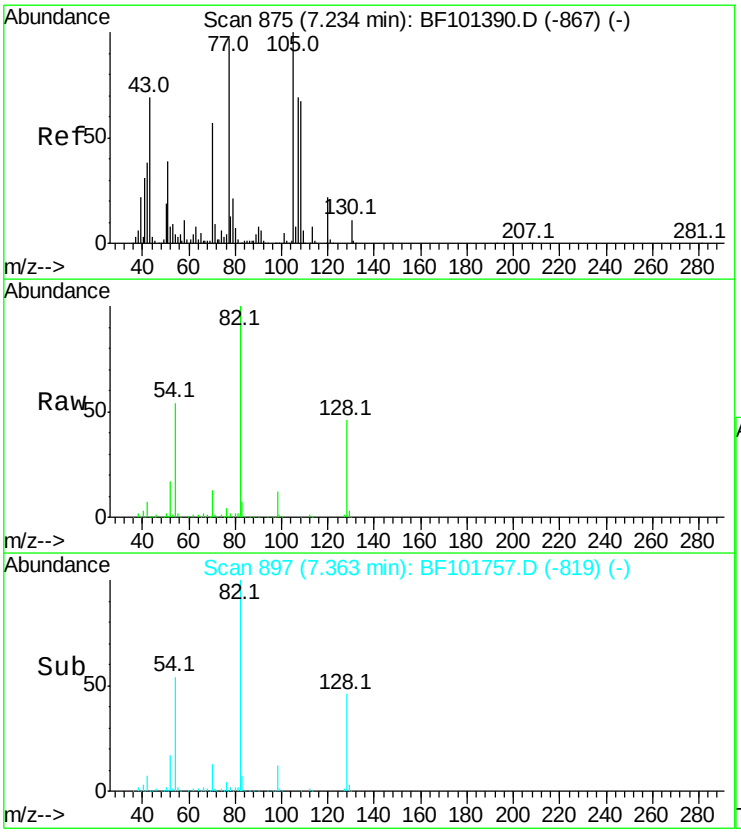

#7
Phenol-d6
Concen: 18.550 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion: 99 Resp: 222237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.7 | 14.5 | 21.7 |
| 71 | 30.3 | 25.4 | 38.0 |

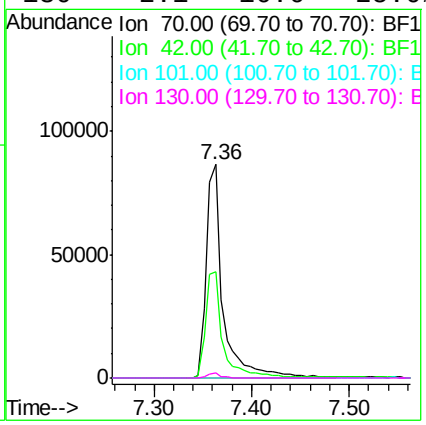


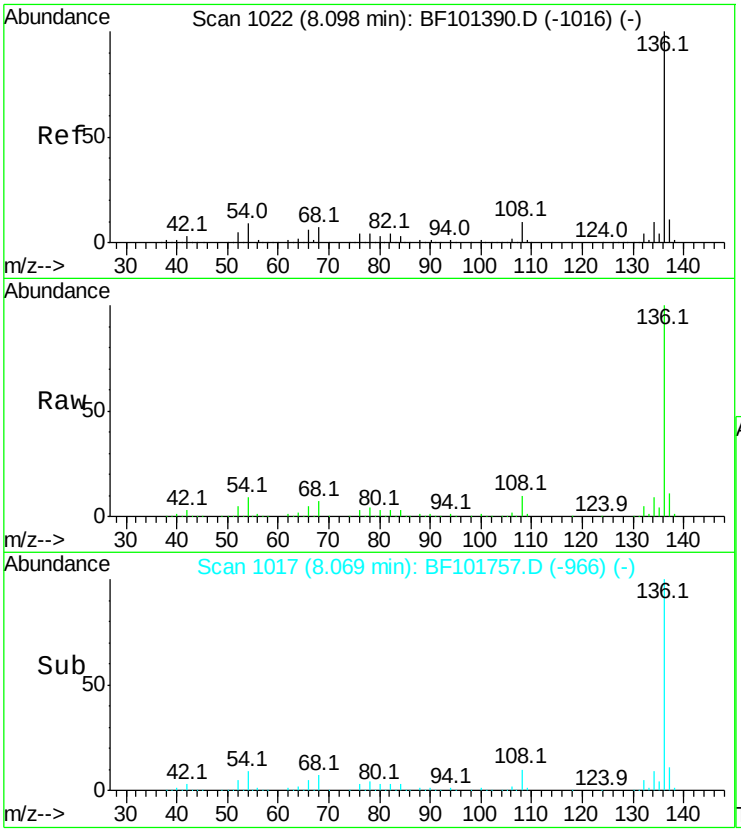




#19
n-Nitroso-di-n-propylamine
Concen: 13.199 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion: 70 Resp: 103845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.8 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.1 | 16.6 | 25.0# |



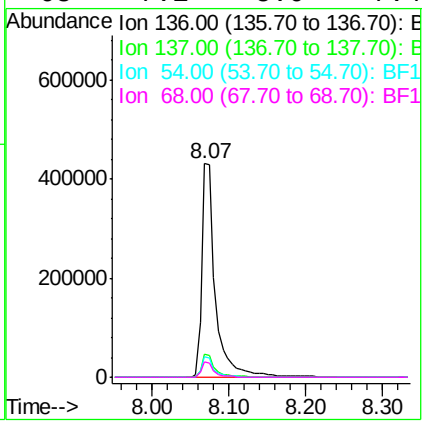


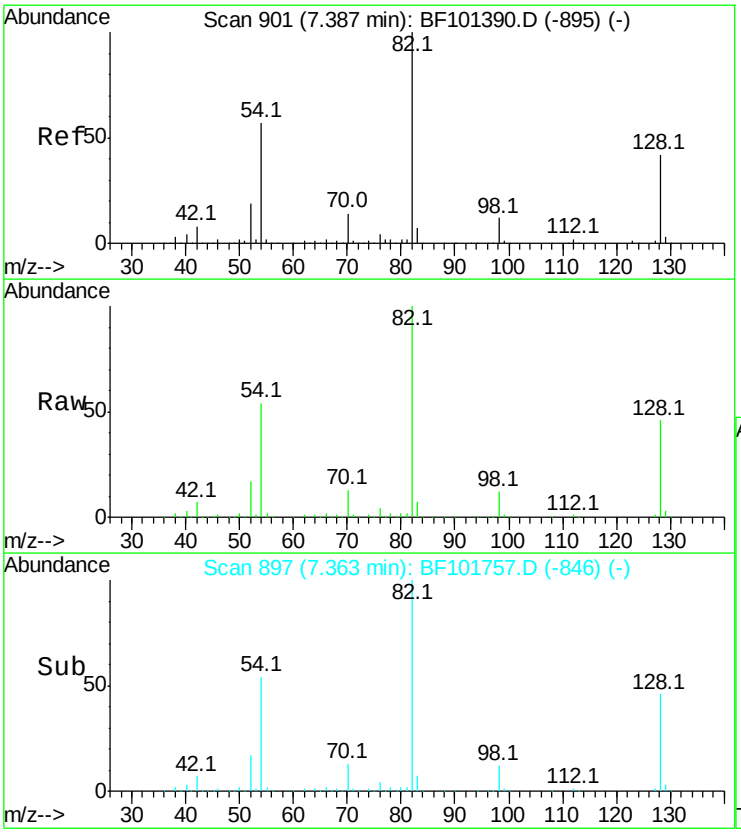

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:136 Resp: 532181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 9.4 | 6.6 | 9.8 |
| 68 | 7.1 | 5.0 | 7.4 |

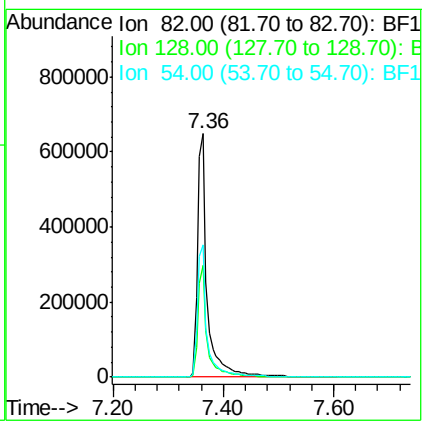


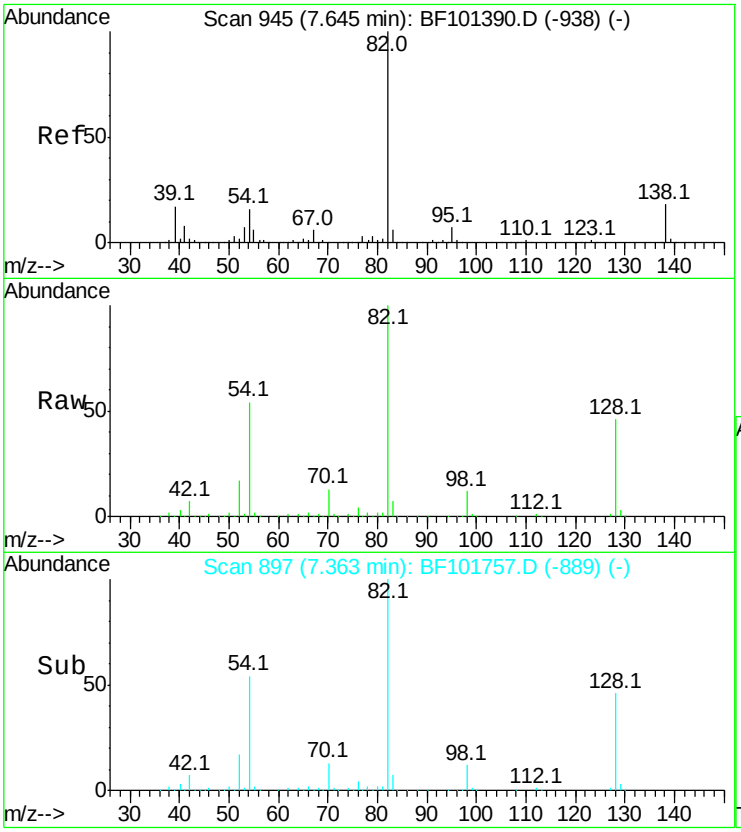




#23
Nitrobenzene-d5
Concen: 83.185 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion: 82 Resp: 795268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 36.1 | 54.1 |
| 54 | 54.3 | 41.4 | 62.2 |



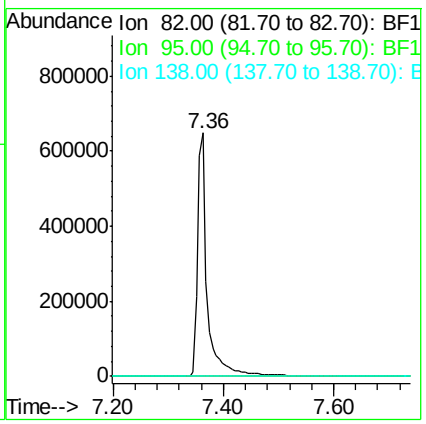


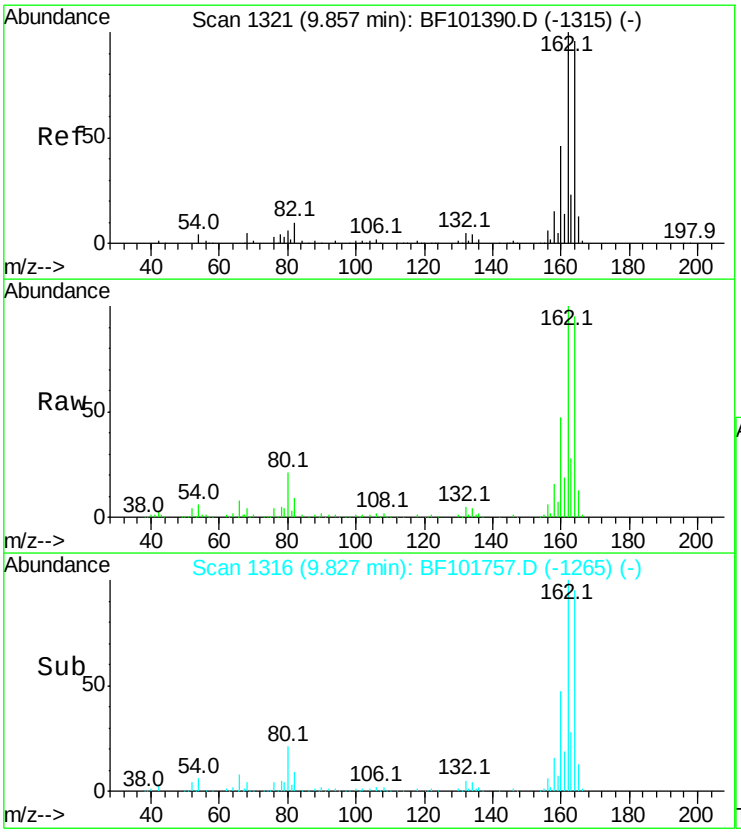

#25
Isophorone
Concen: 41.466 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion: 82 Resp: 795268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

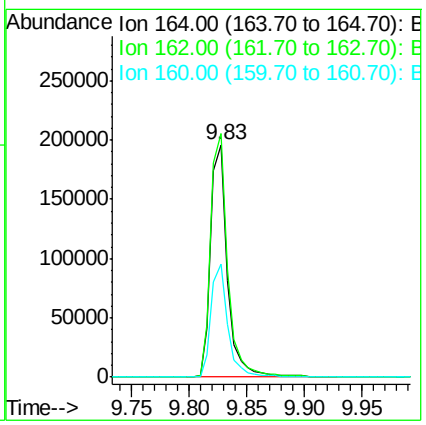


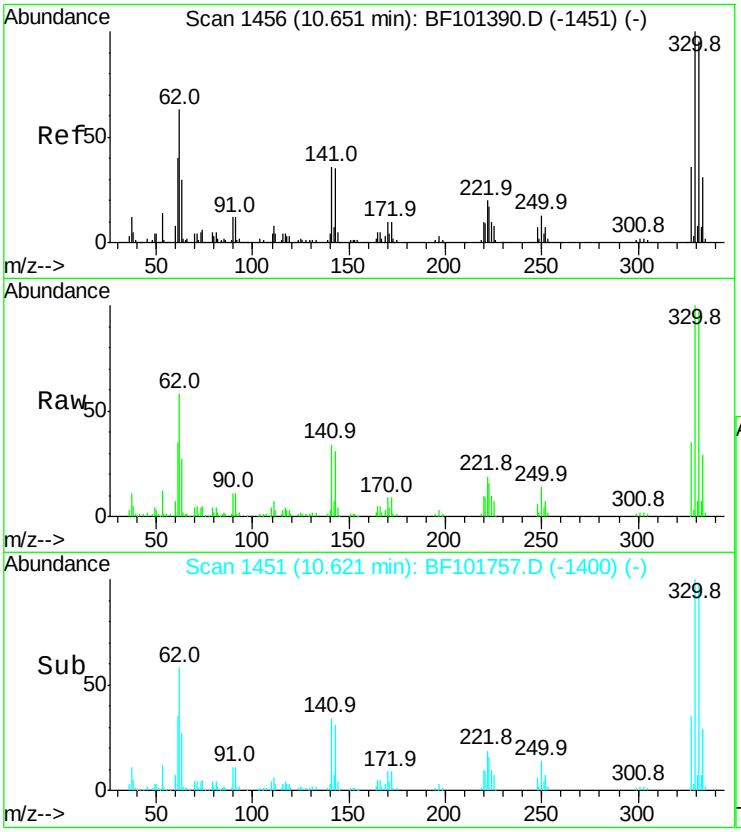




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:164 Resp: 199319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.9 | 86.1 | 129.1 |
| 160 | 48.9 | 38.3 | 57.5 |



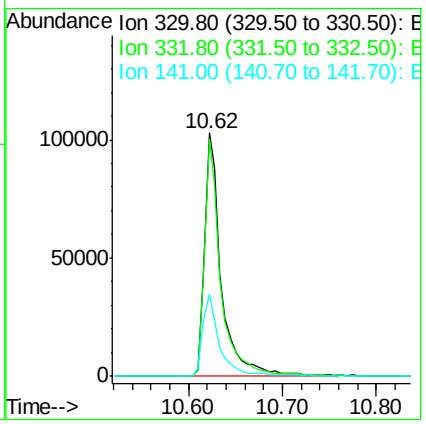


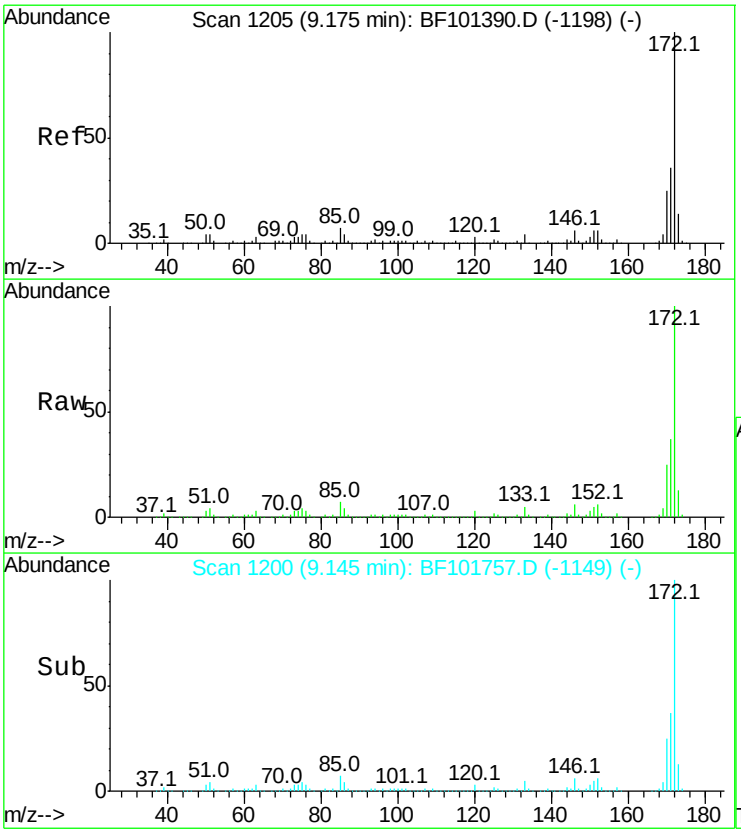

#41
2,4,6-Tribromophenol
Concen: 67.234 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:330 Resp: 129130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 77.0 | 115.6 |
| 141 | 34.2 | 29.9 | 44.9 |

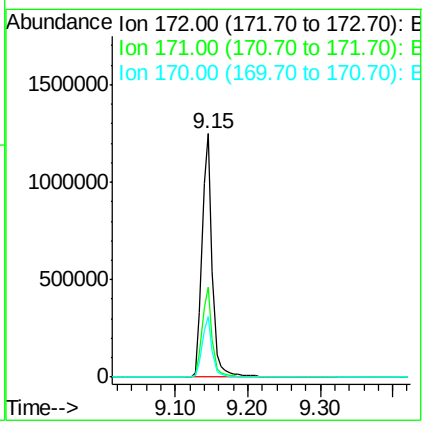


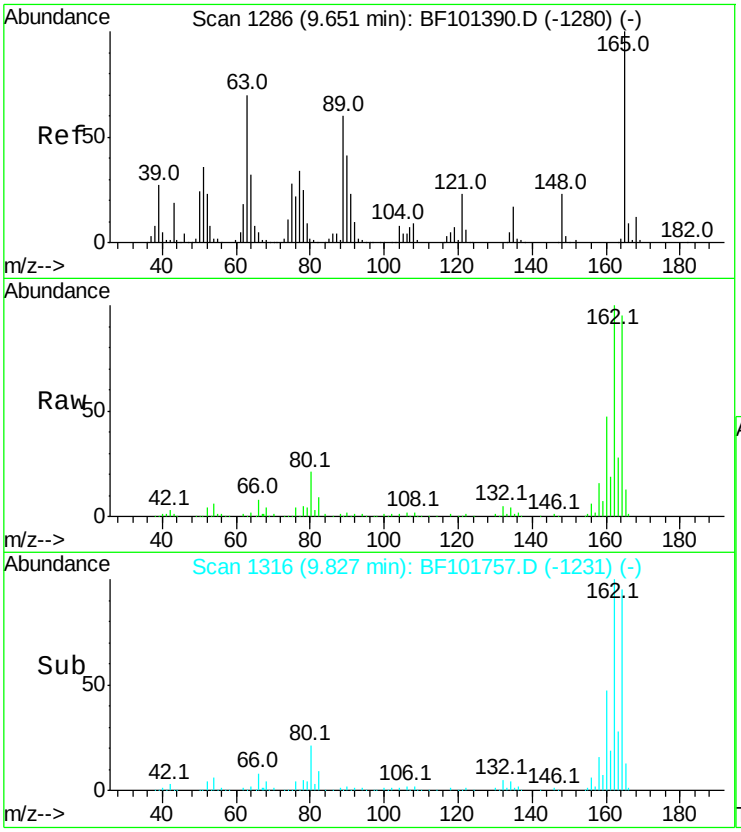




#44
2-Fluorobiphenyl
Concen: 95.474 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:172 Resp: 1226748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.7 | 44.5 |
| 170 | 24.9 | 19.6 | 29.4 |



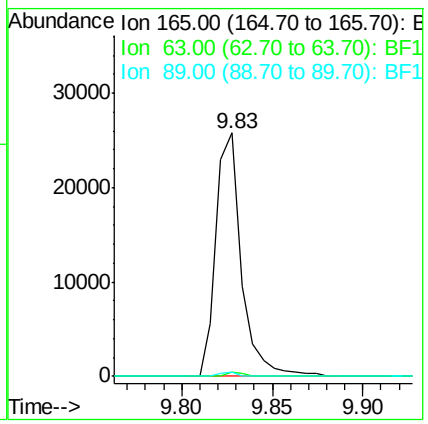


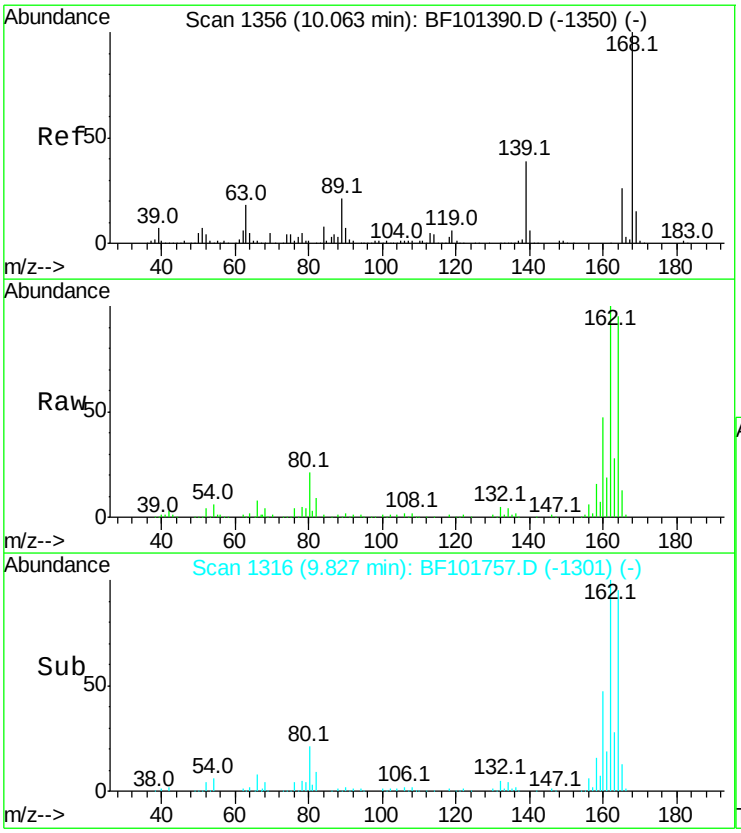

#50
2,6-Dinitrotoluene
Concen: 7.771 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:165 Resp: 25323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 44.7 | 67.1# |
| 89 | 1.5 | 44.0 | 66.0# |

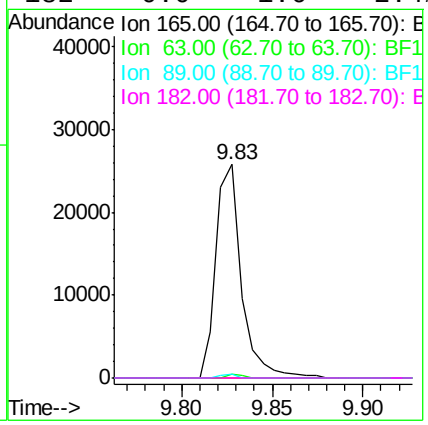


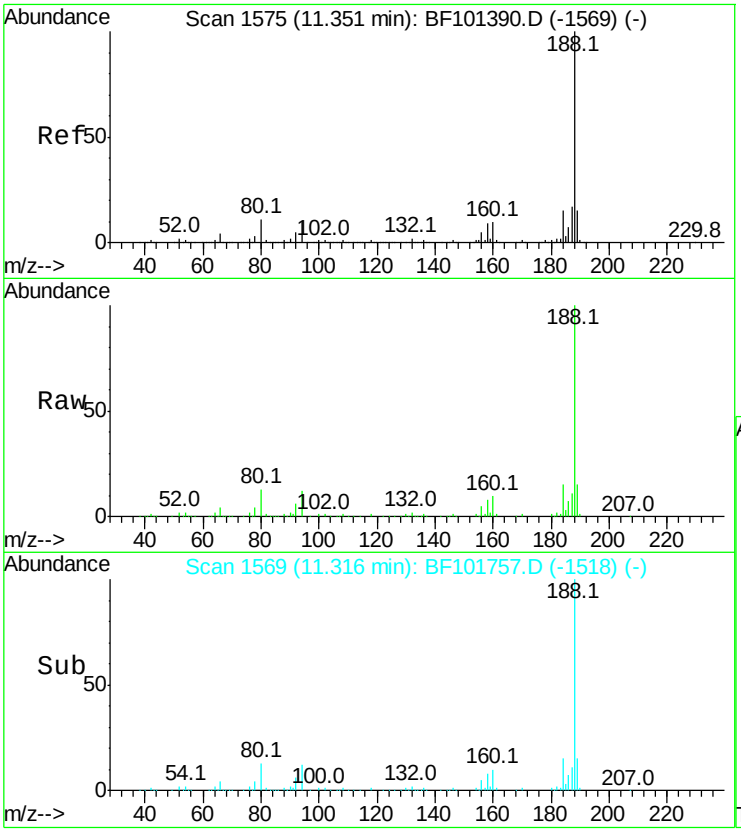




#56
2,4-Dinitrotoluene
Concen: 6.898 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:165 Resp: 25323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 36.4 | 54.6# |
| 89 | 1.5 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



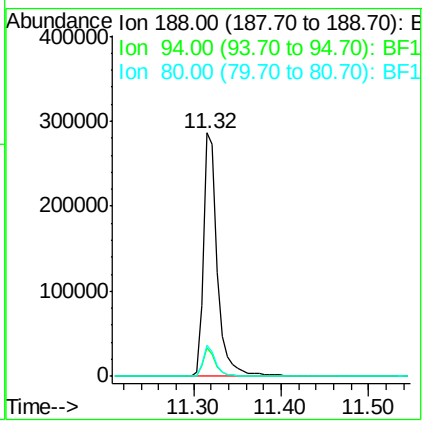


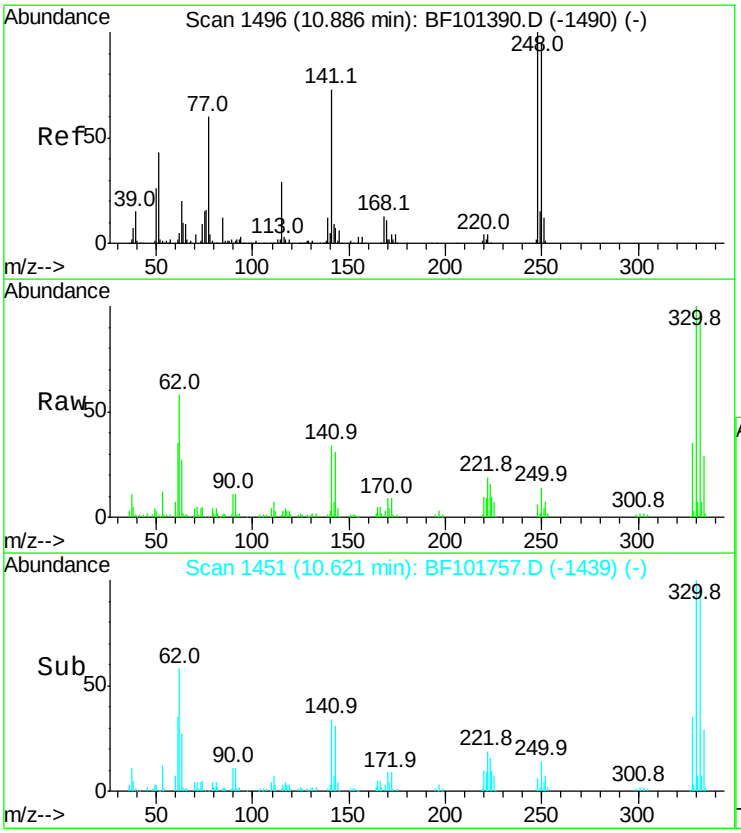

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:188 Resp: 315548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.8 | 8.5 | 12.7 |
| 80 | 12.9 | 9.2 | 13.8 |

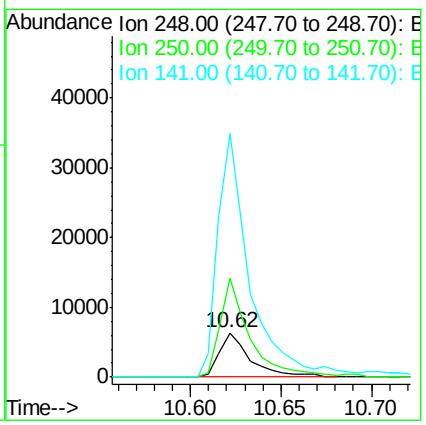


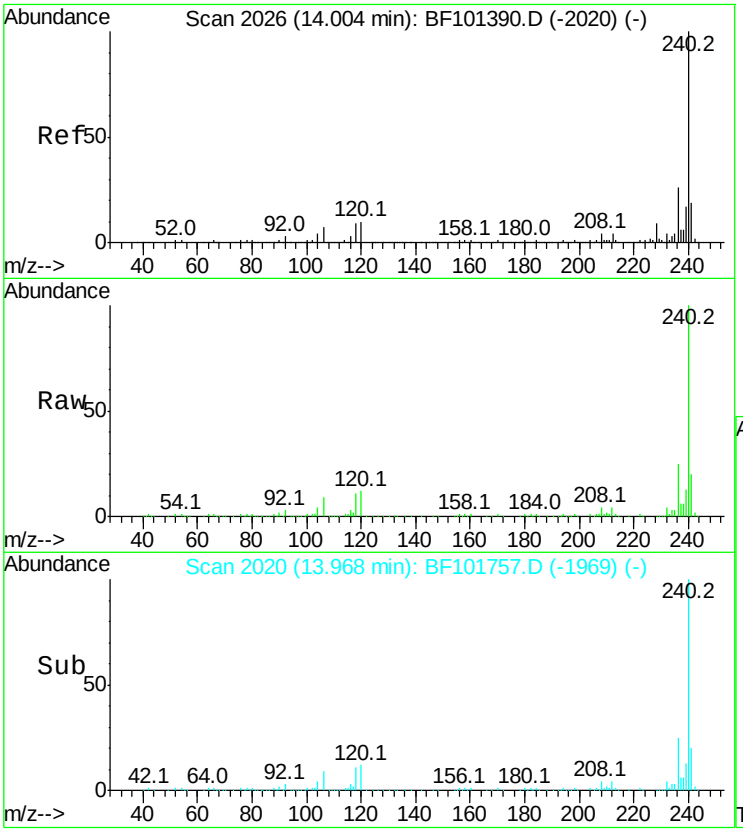




#66
4-Bromophenyl-phenylether
Concen: 2.107 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:248 Resp: 7471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 223.9 | 76.9 | 115.3# |
| 141 | 552.8 | 74.4 | 111.6# |



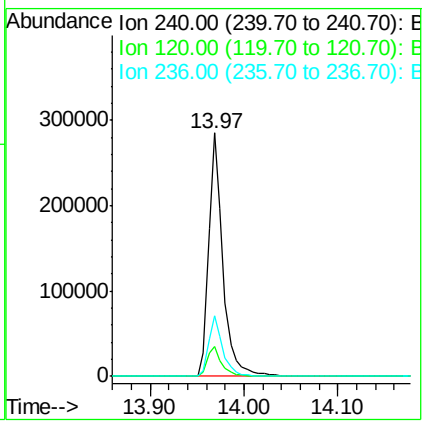


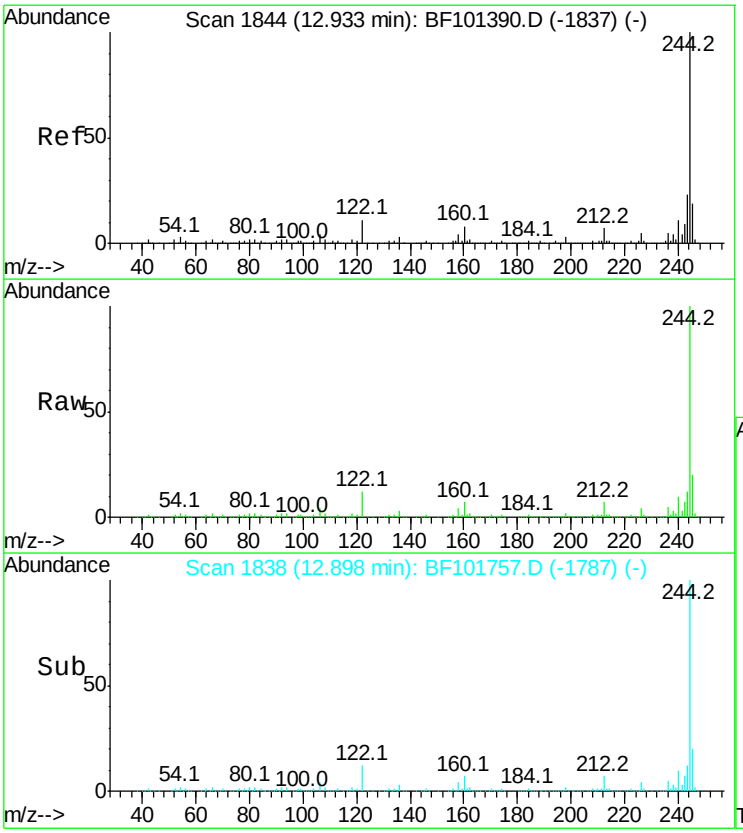

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:240 Resp: 305074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.5 | 14.3 |
| 236 | 25.0 | 20.7 | 31.1 |

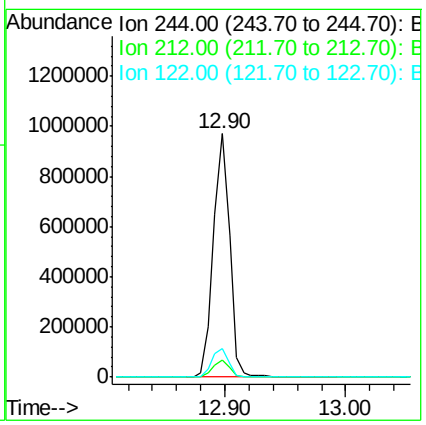


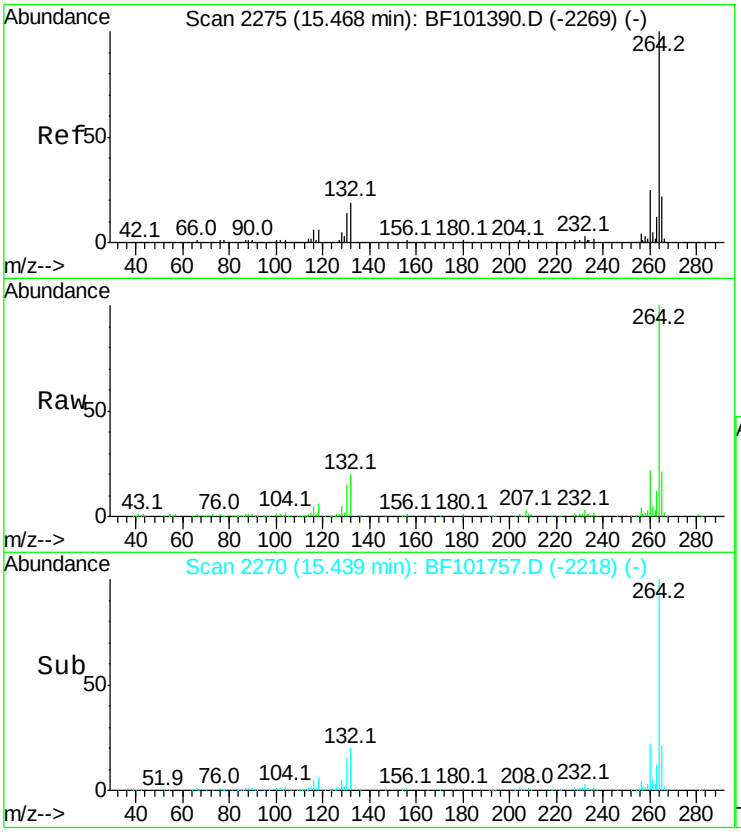




#78
Terphenyl-d14
Concen: 70.486 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

Tgt Ion:244 Resp: 891980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 11.8 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101757.D
Acq: 27 Dec 2017 11:50

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

Tgt Ion:264 Resp: 251426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 19.2 | 28.8 |
| 265 | 21.2 | 17.5 | 26.3 |