Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109309.D
Acq On : 26 Sep 2018 2:06
Operator : JU/SJ
Sample : J5055-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 26 08:25:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.71 | 152 | 116157 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.99 | 136 | 431703 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.74 | 164 | 185139 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 268270 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.84 | 240 | 246888 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.24 | 264 | 191604 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.32 | 112 | 656908 | 93.15 | ng | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 932714 | 103.65 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 622583 | 85.13 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 140493 | 76.98 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 1086655 | 88.52 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.80 | 244 | 816188 | 81.13 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 83566 | 14.172 | ng | # 77 |
| 25) Isophorone | 7.27 | 82 | 605121 | 45.951 | ng | # 64 |
| 49) Dimethylphthalate | 9.46 | 163 | 135013 | 10.026 | ng | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 232 | 6.706 | ng | # 1 |

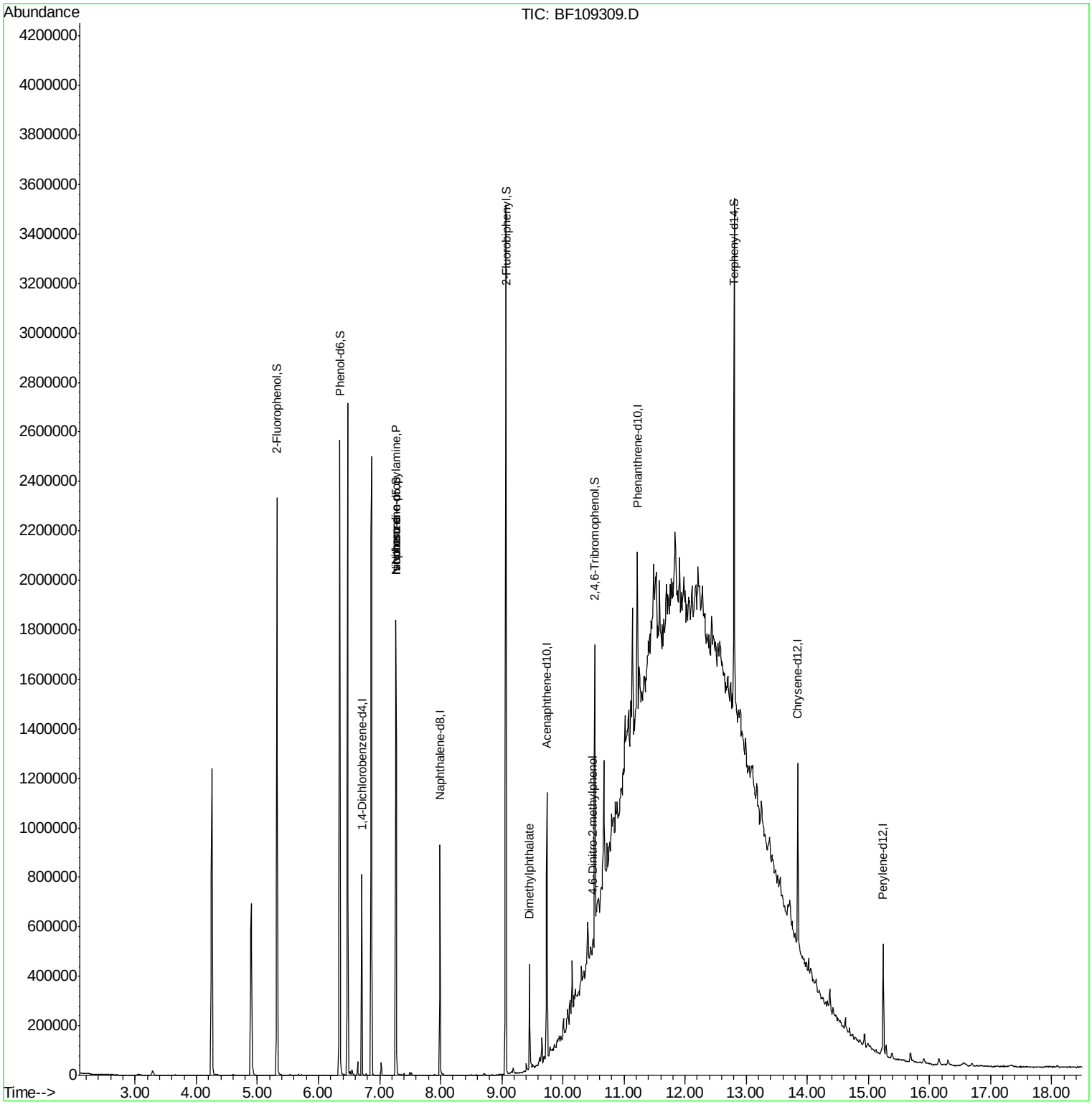
(#) = qualifier out of range (m) = manual integration (+) = signals summed

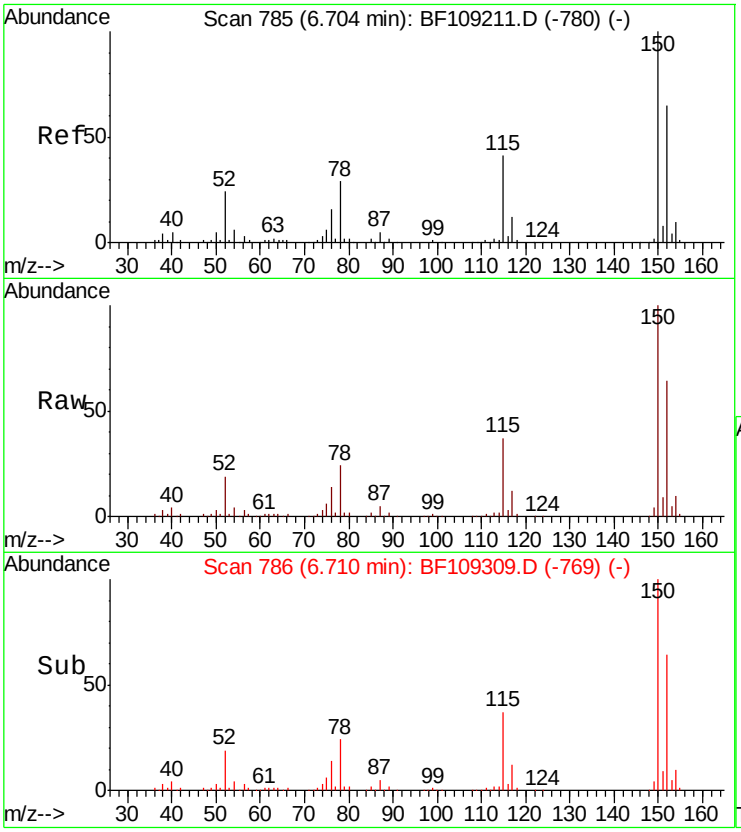
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109309.D
Acq On : 26 Sep 2018 2:06
Operator : JU/SJ
Sample : J5055-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 26 08:25:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



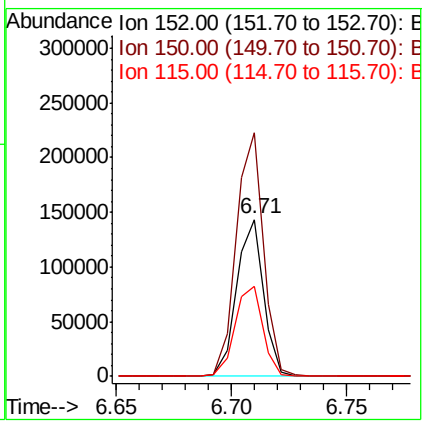


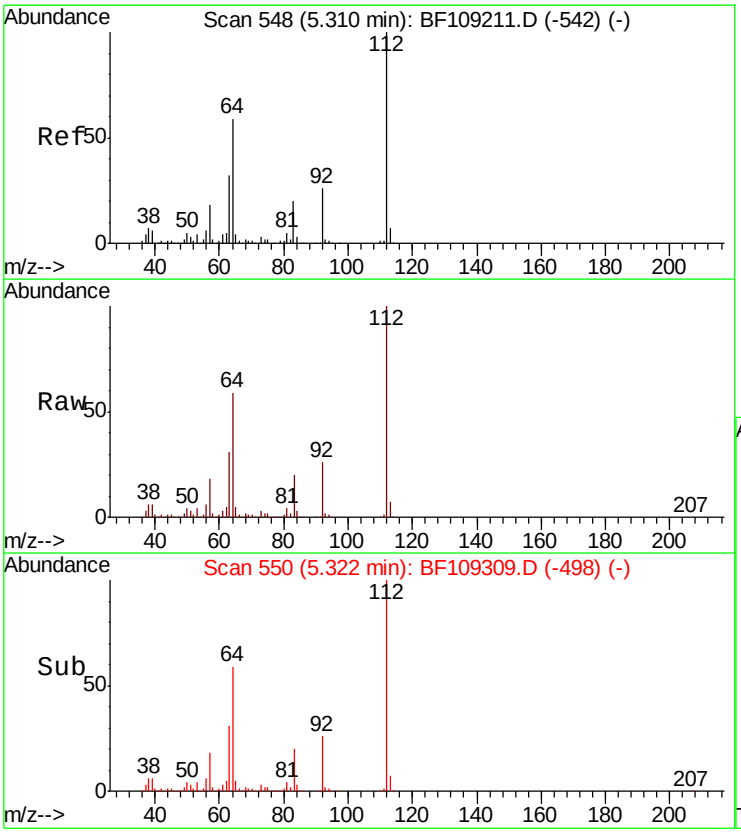

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:152 Resp: 116157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.6 | 186.8 |
| 115 | 57.5 | 50.1 | 75.1 |

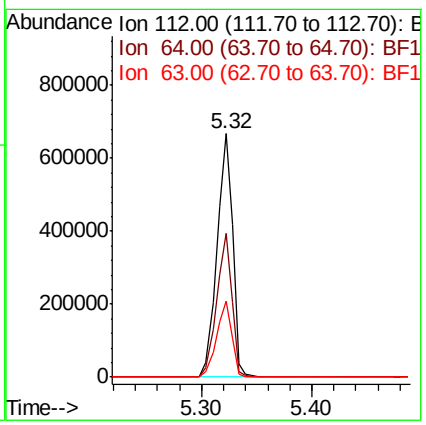


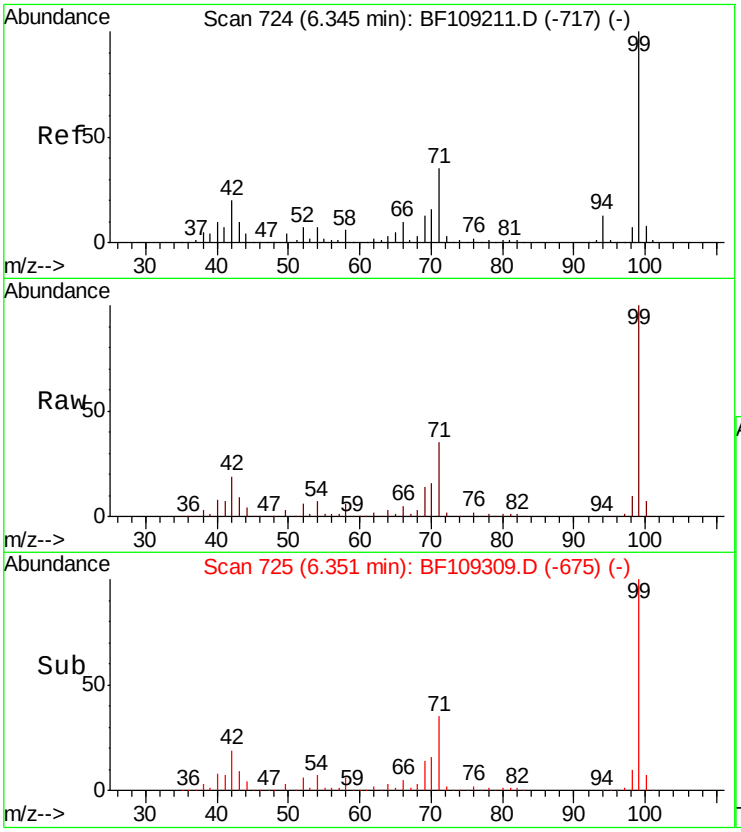




#5
2-Fluorophenol
Concen: 93.148 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:112 Resp: 656908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 47.9 | 71.9 |
| 63 | 31.3 | 23.7 | 35.5 |



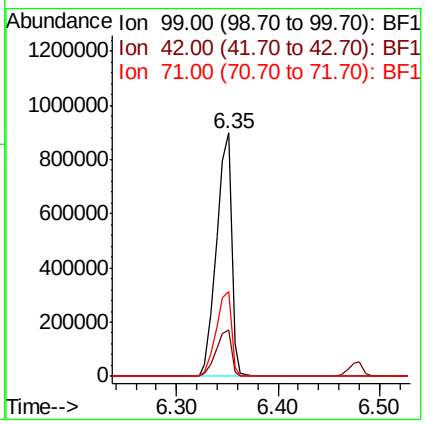


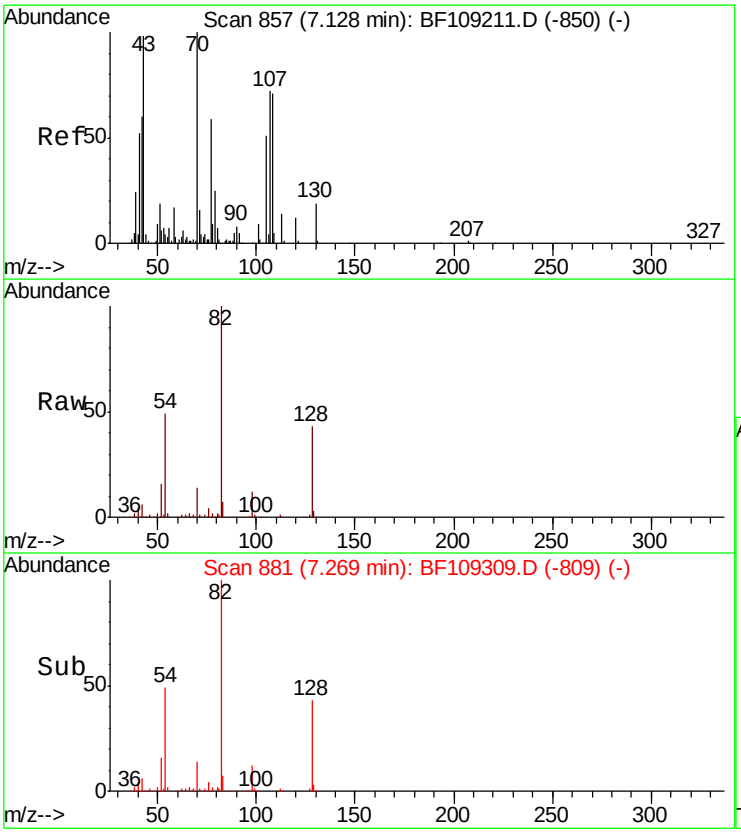

#7
Phenol-d6
Concen: 103.646 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion: 99 Resp: 932714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.1 | 14.5 | 21.7 |
| 71 | 35.0 | 25.4 | 38.0 |

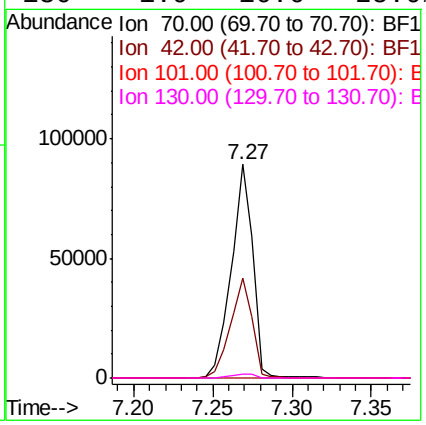


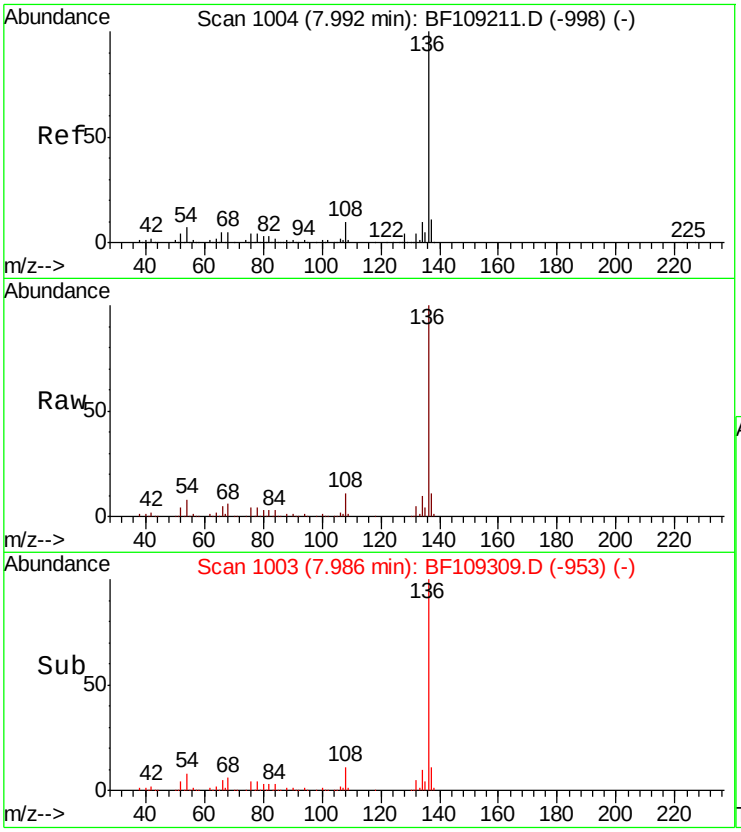




#19
n-Nitroso-di-n-propylamine
Concen: 14.172 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion: 70 Resp: 83566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.9 | 16.6 | 25.0# |



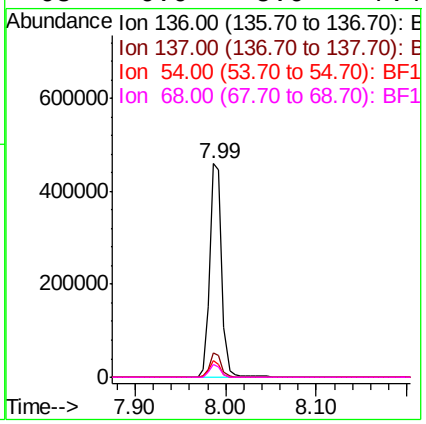


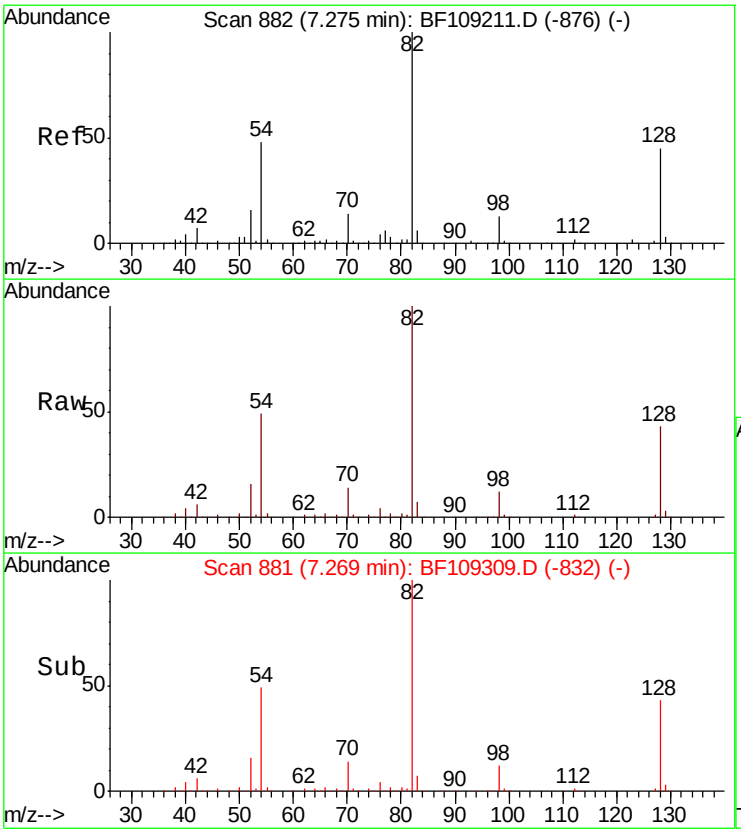

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:136 Resp: 431703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 7.7 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |

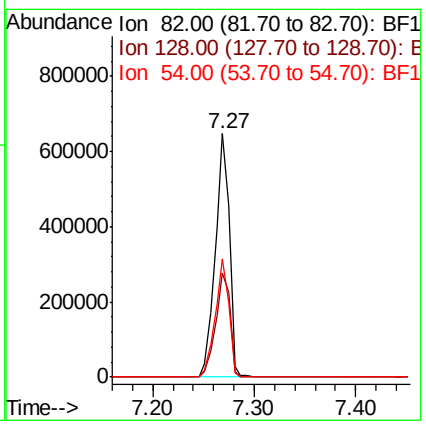


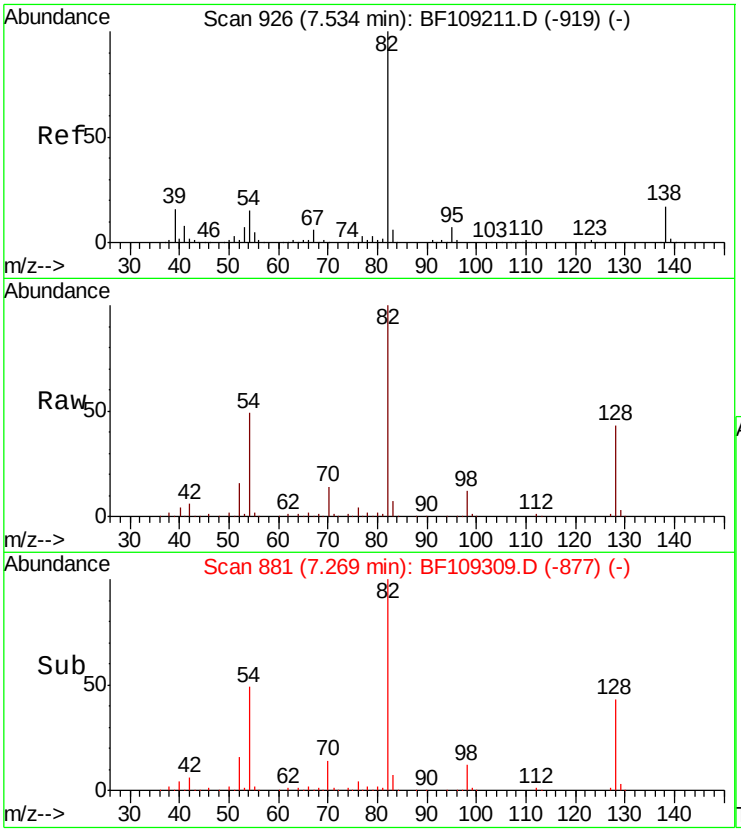




#23
Nitrobenzene-d5
Concen: 85.133 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion: 82 Resp: 622583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 36.1 | 54.1 |
| 54 | 48.7 | 41.4 | 62.2 |



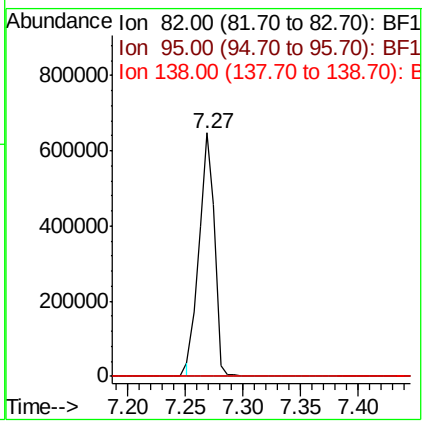


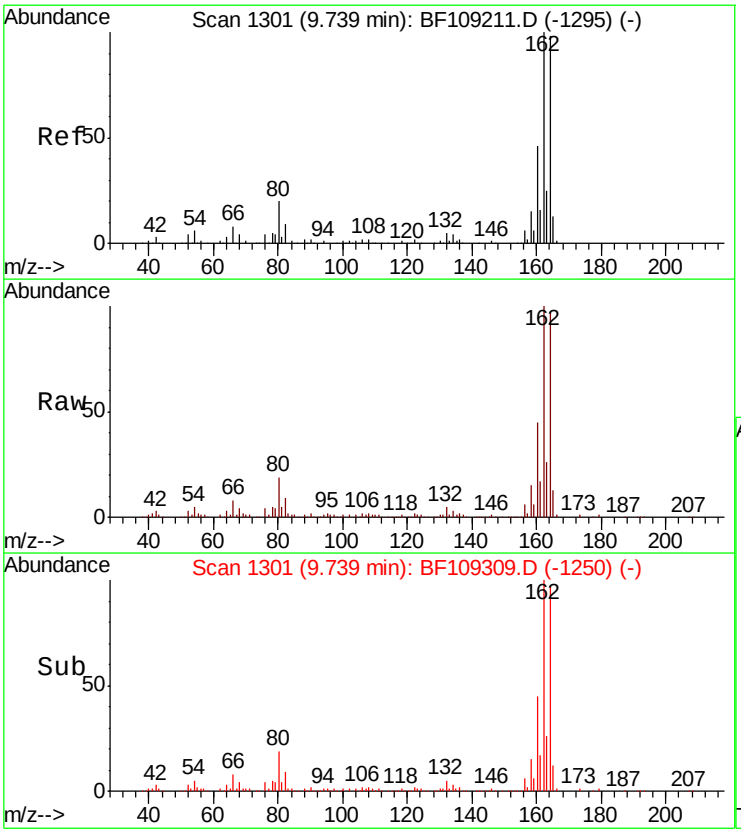

#25
Isophorone
Concen: 45.951 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion: 82 Resp: 605121

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

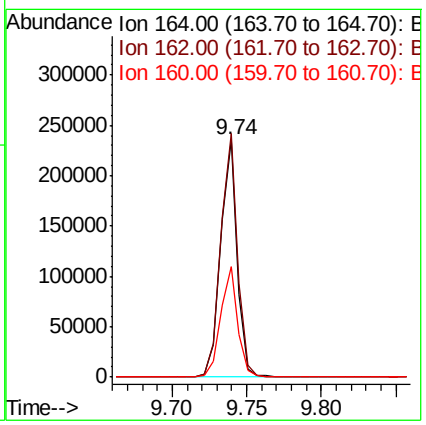


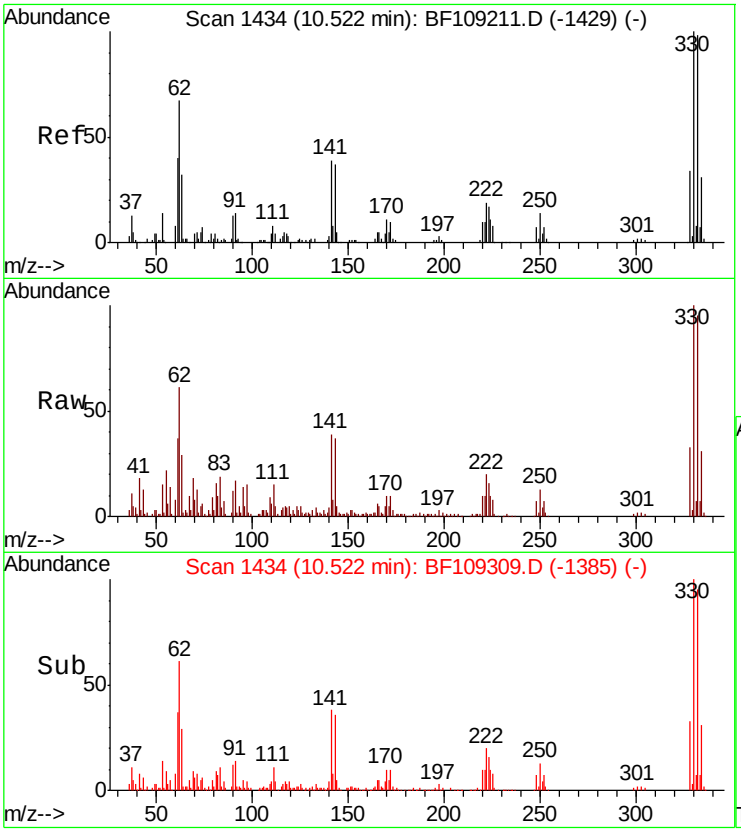




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:164 Resp: 185139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 86.1 | 129.1 |
| 160 | 46.6 | 38.3 | 57.5 |



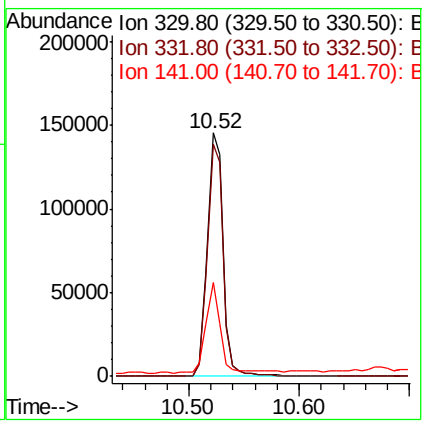


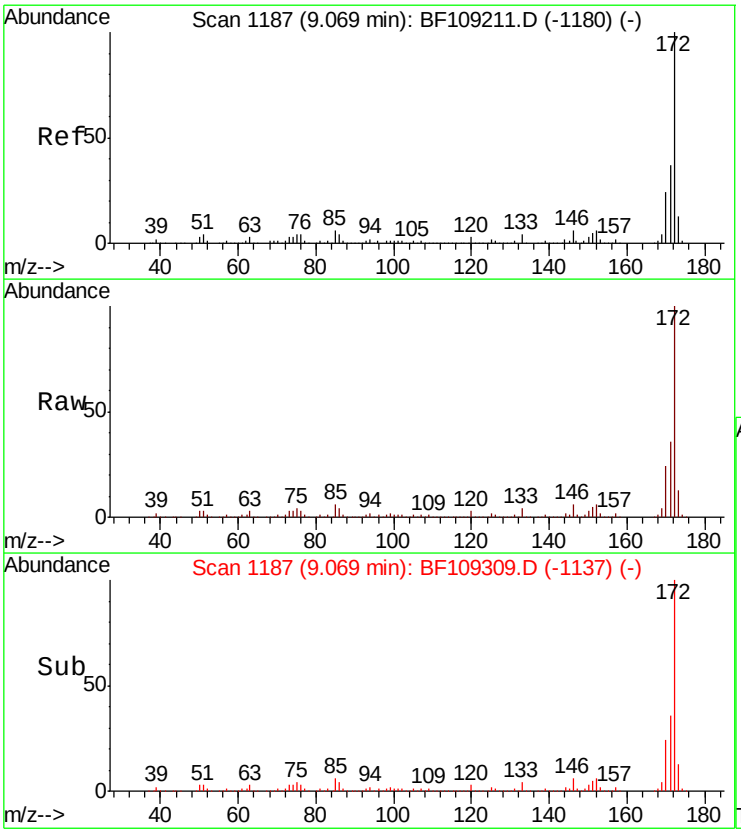

#41
2,4,6-Tribromophenol
Concen: 76.979 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:330 Resp: 140493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 77.0 | 115.6 |
| 141 | 33.1 | 29.9 | 44.9 |

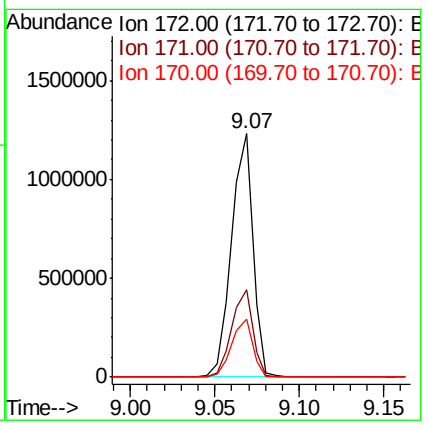


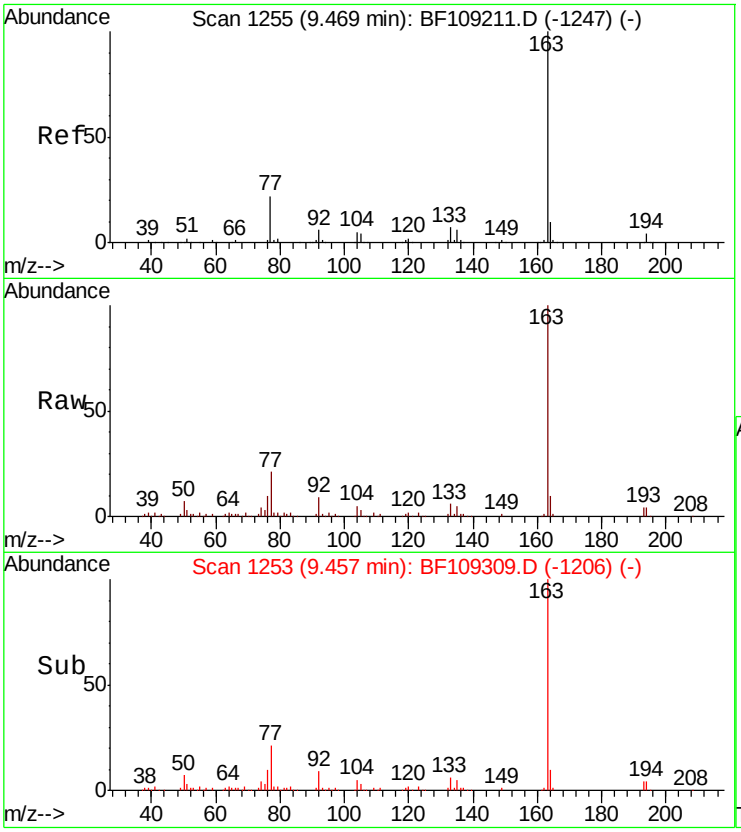




#44
2-Fluorobiphenyl
Concen: 88.522 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:172 Resp: 1086655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.7 | 44.5 |
| 170 | 24.1 | 19.6 | 29.4 |



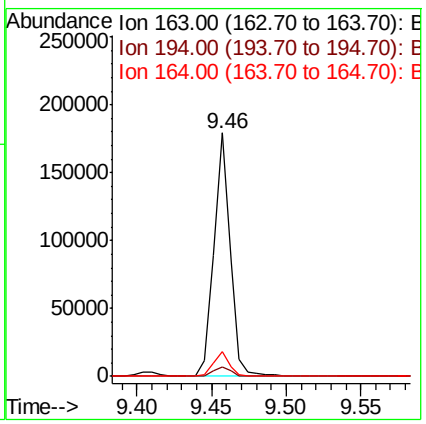


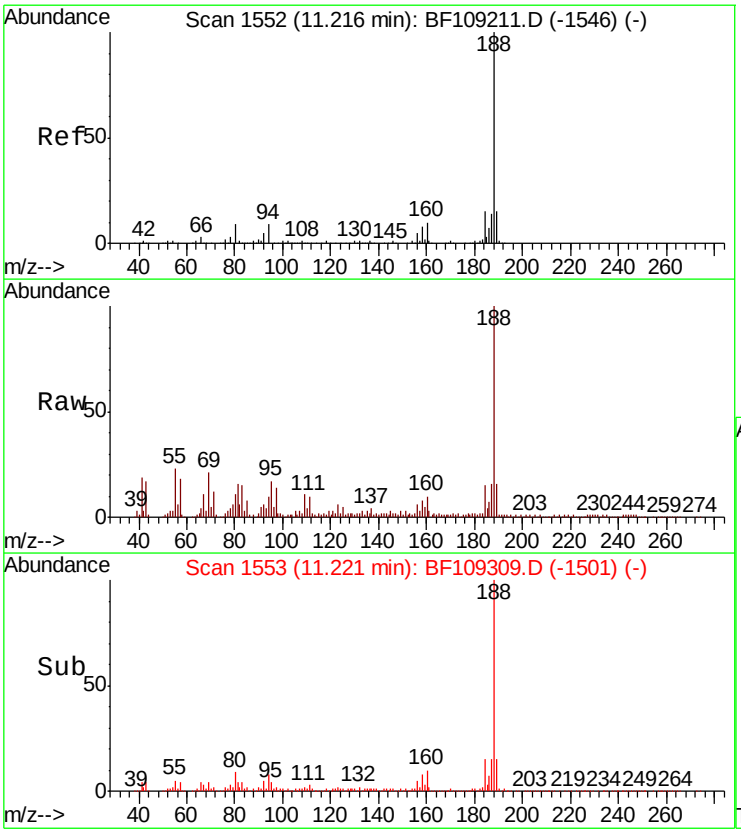

#49
Dimethylphthalate
Concen: 10.026 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:163 Resp: 135013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.2 | 8.2 | 12.2 |

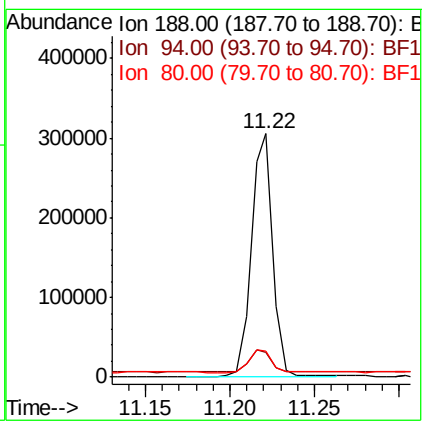


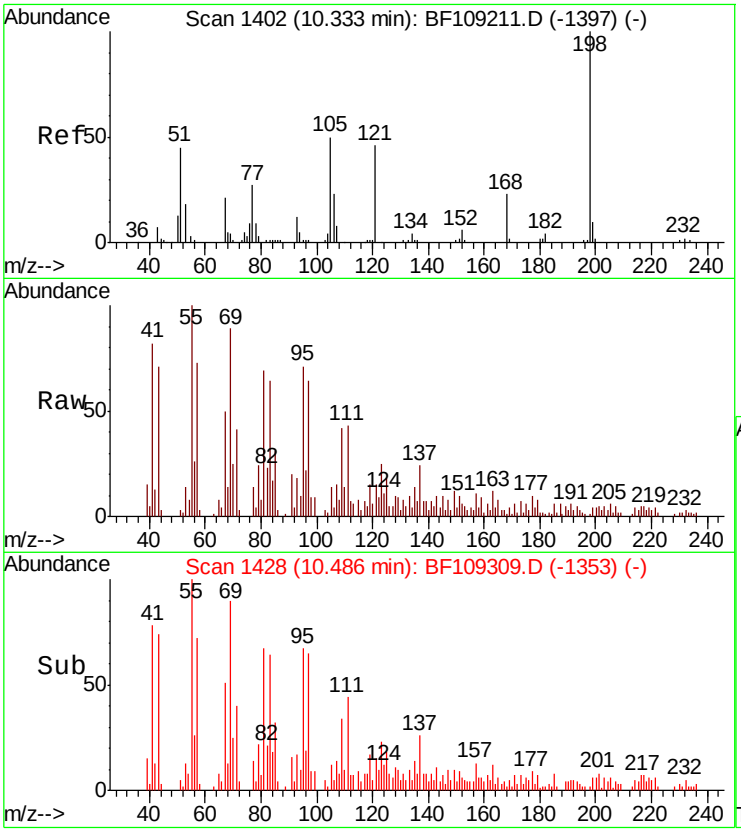




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:188 Resp: 268270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.5 | 12.7 |
| 80 | 10.8 | 9.2 | 13.8 |



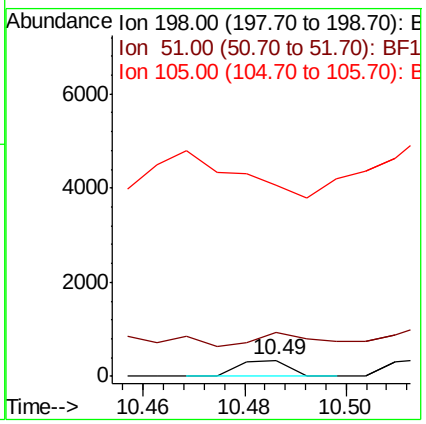


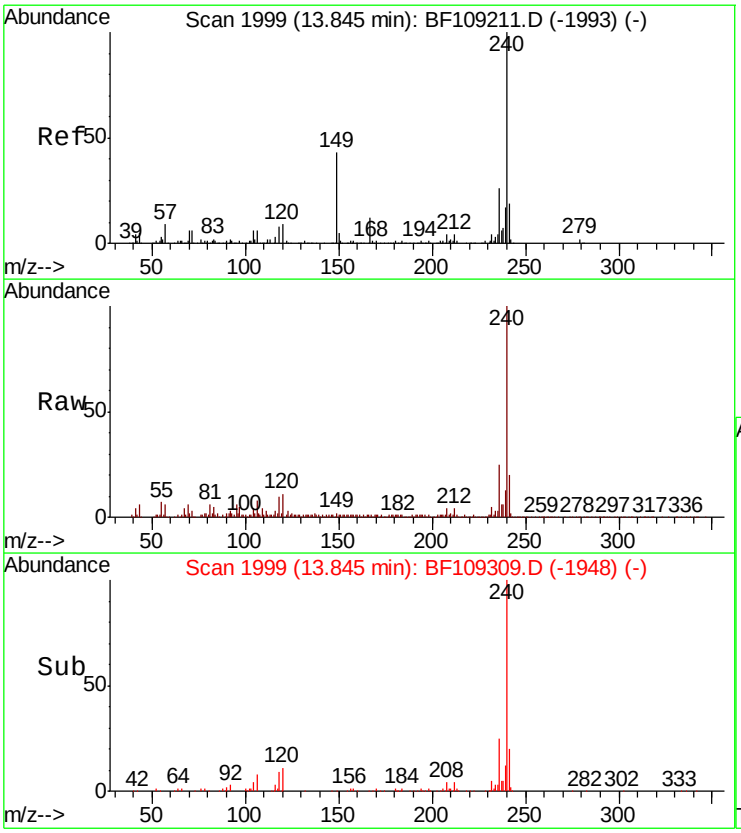

#64
4,6-Dinitro-2-methylphenol
Concen: 6.706 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.14 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:198 Resp: 232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 278.1 | 37.7 | 77.7# |
| 105 | 1199.7 | 36.3 | 76.3# |

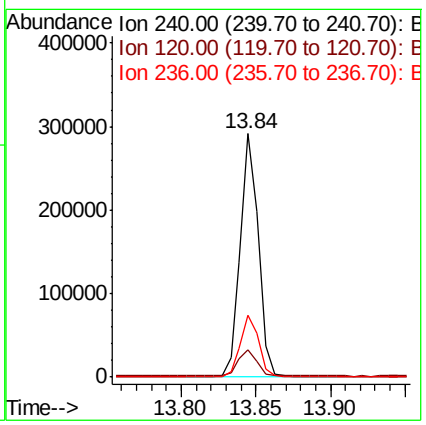


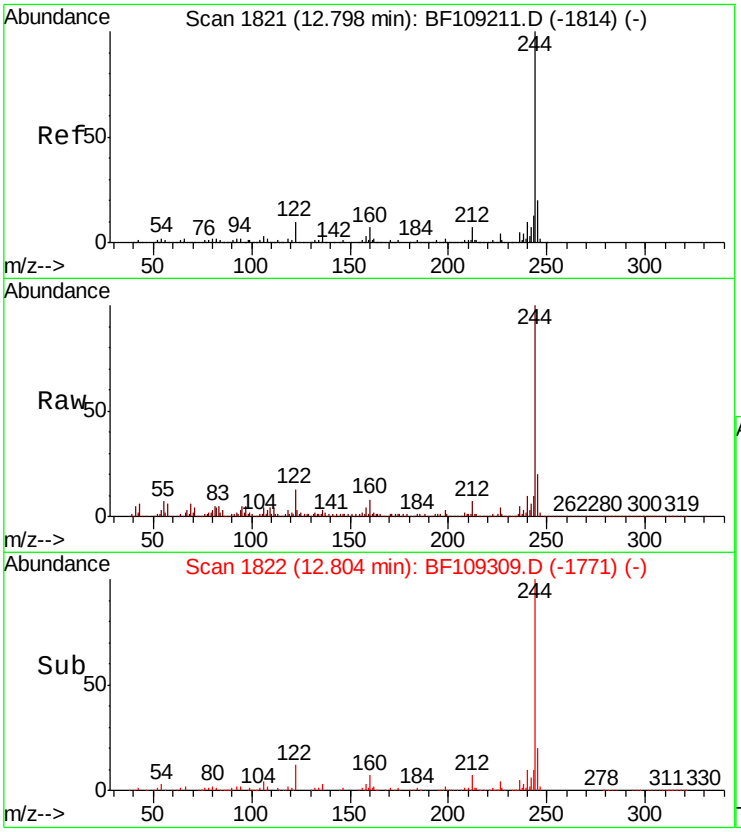




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:240 Resp: 246888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 9.5 | 14.3 |
| 236 | 25.3 | 20.7 | 31.1 |



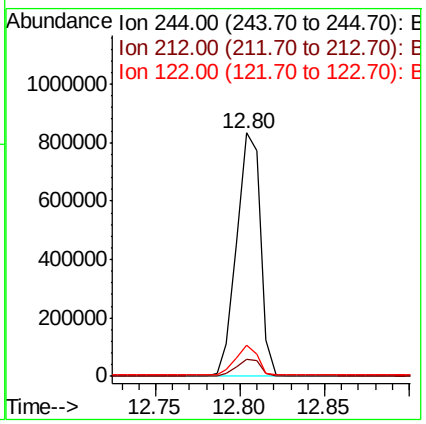


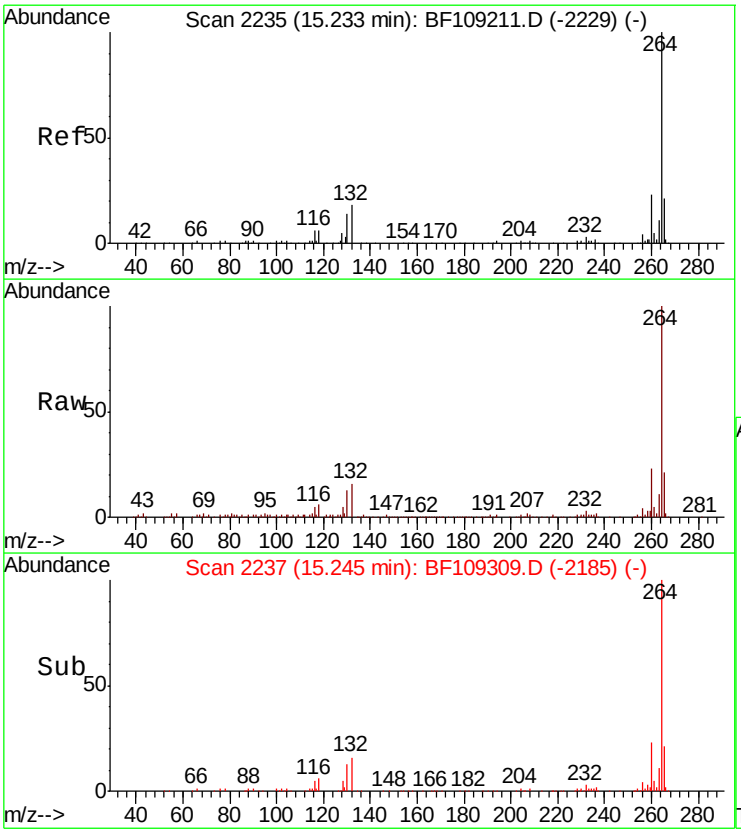

#78
Terphenyl-d14
Concen: 81.132 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

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

Tgt Ion:244 Resp: 816188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 12.8 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Tgt Ion:264 Resp: 191604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 19.2 | 28.8 |
| 265 | 21.0 | 17.5 | 26.3 |