Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088697.D
Acq On : 5 Jul 2016 11:51
Operator : UM/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 05 17:10:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 0.00 | 152 | 0 | 0.00 | ng | | -6.81 |
| 21) Naphthalene-d8 | 0.00 | 136 | 0 | 0.00 | ng | | -8.10 |
| 38) Acenaphthene-d10 | 0.00 | 164 | 0 | 0.00 | ng | | -9.85 |
| 63) Phenanthrene-d10 | 11.55 | 188 | 317 | 20.00 | ng | | 0.23 |
| 75) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng | | -13.95 |
| 86) Perylene-d12 | 0.00 | 264 | 0 | 0.00 | ng | | -15.35 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 0.00 | 112 | 0 | 0.00 | ng | | |
| 7) Phenol-d6 | 6.40 | 99 | 275 | 0.00 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 7.60 | 82 | 1270 | 0.00 | ng | | 0.22 |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng | | |
| 44) 2-Fluorobiphenyl | 9.13 | 172 | 302 | 0.00 | ng | | -0.05 |
| 78) Terphenyl-d14 | 12.87 | 244 | 981 | 0.00 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 65) n-Nitrosodiphenylamine | 10.47 | 169 | 1162 | 108.31 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.83 | 248 | 294 | 92.03 | ng | # | 74 |
| 67) Hexachlorobenzene | 10.90 | 284 | 372 | 105.20 | ng | # | 36 |
| 68) Atrazine | 11.10 | 200 | 18876 | 5646.25 | ng | # | 36 |
| 69) Pentachlorophenol | 11.10 | 266 | 97566 | 46619.69 | ng | | 99 |
| 70) Phenanthrene | 11.36 | 178 | 2236 | 129.03 | ng | | 97 |
| 71) Anthracene | 11.36 | 178 | 2019 | 117.18 | ng | | 97 |
| 72) Carbazole | 11.99 | 167 | 515 | 31.76 | ng | # | 58 |
| 74) Fluoranthene | 12.72 | 202 | 2754 | 156.77 | ng | | 97 |

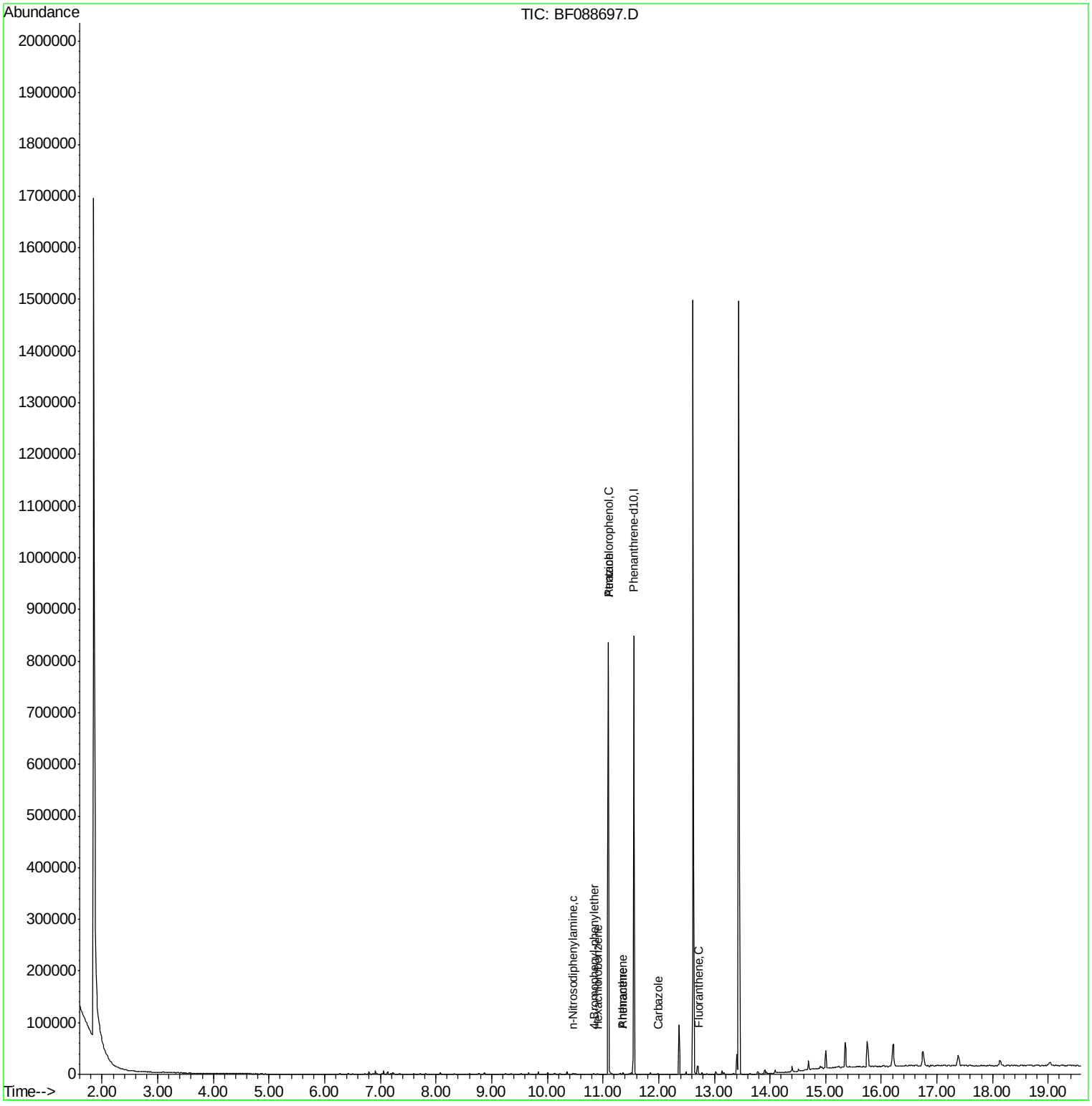
(#) = qualifier out of range (m) = manual integration (+) = signals summed

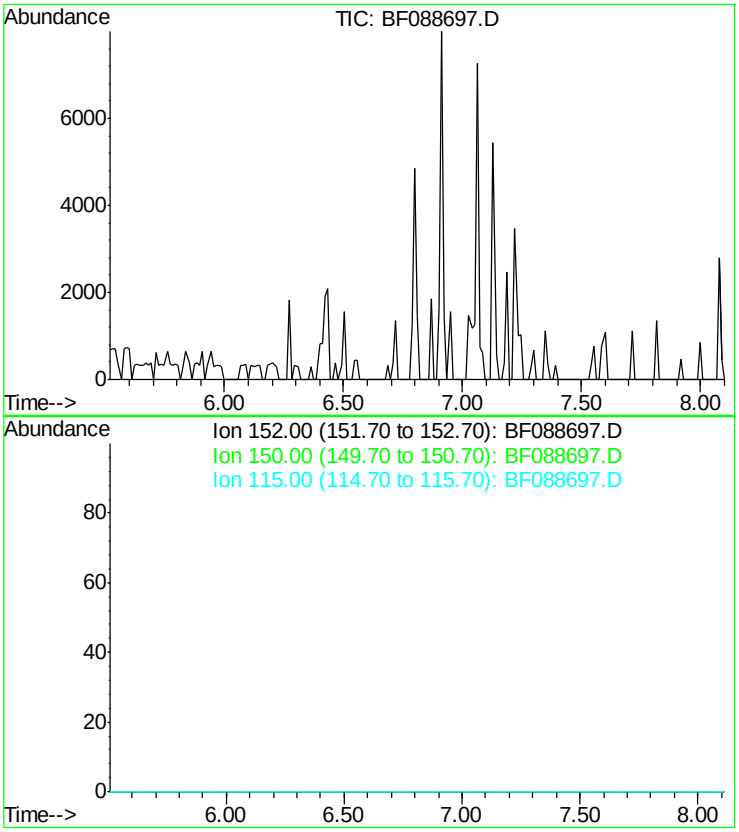
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088697.D
Acq On : 5 Jul 2016 11:51
Operator : UM/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 05 17:10:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





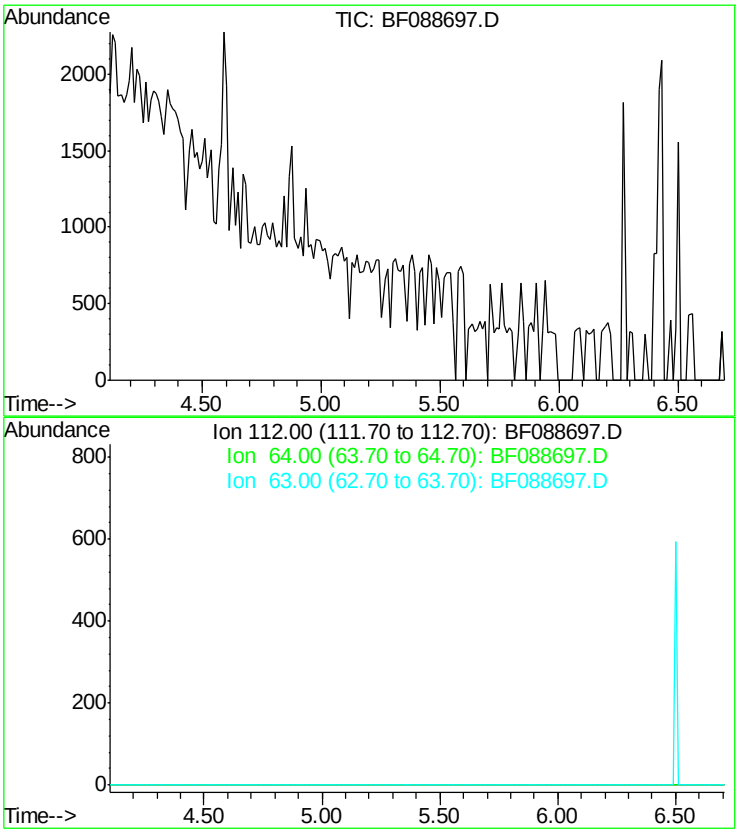

#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.81 min

Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion: 152

| Sig | Exp Ratio |
|---|---|
| 152 | 100 |
| 150 | 154.7 |
| 115 | 49.5 |

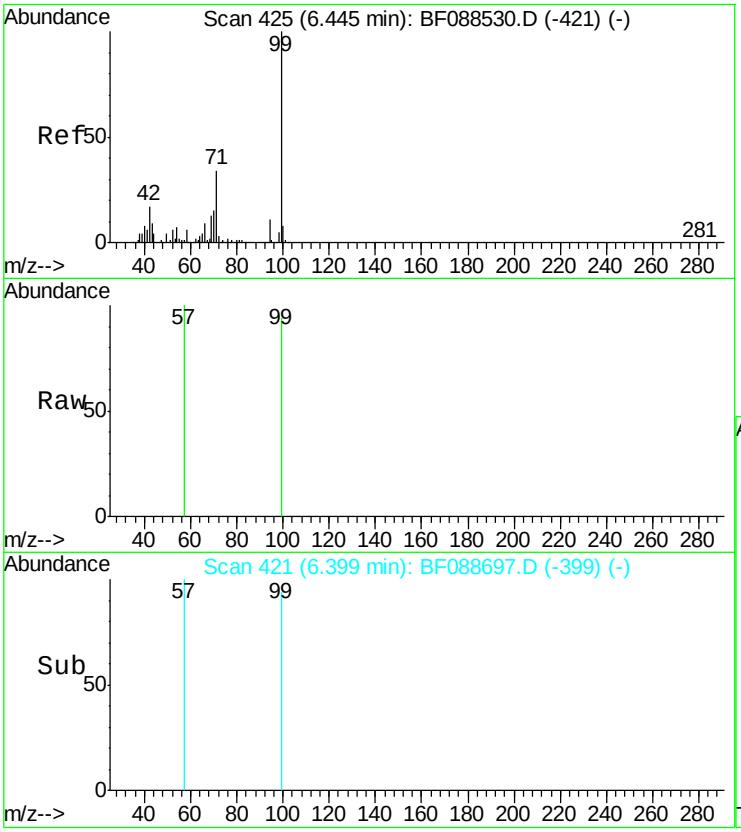



#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.40 min

Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 52.7 |
| 63 | 27.3 |

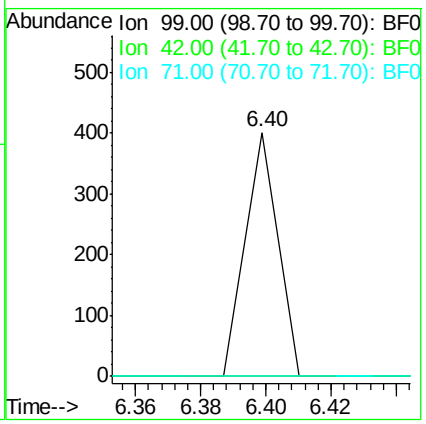


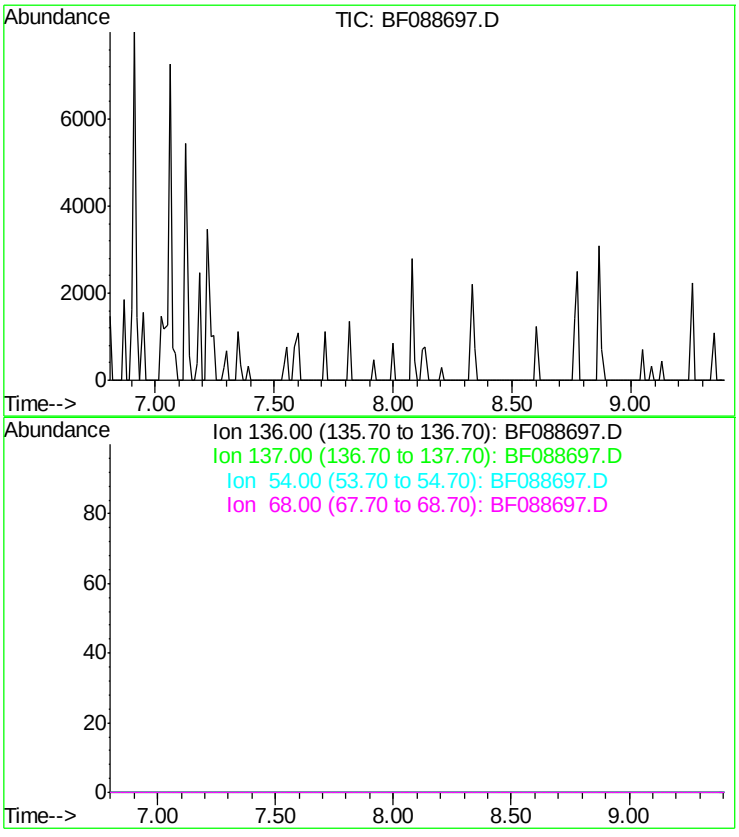

#7
Phenol-d6
Concen: 0.00 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion: 99 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 12.2 | 18.2# |
| 71 | 0.0 | 23.4 | 35.0# |



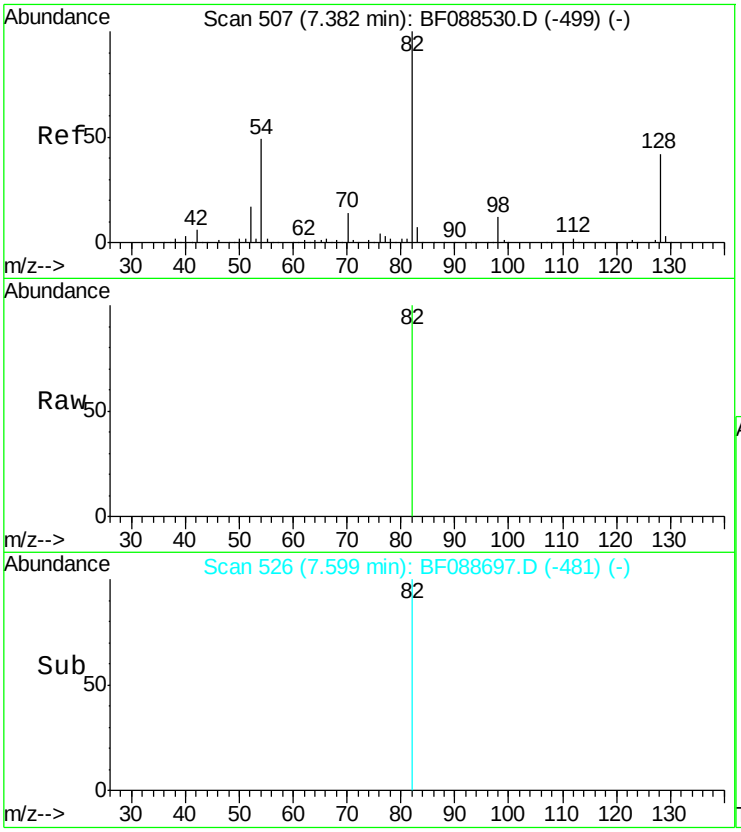




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.10 min

Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion: 136

| Sig | Exp Ratio |
|---|---|
| 136 | 100 |
| 137 | 11.4 |
| 54 | 8.3 |
| 68 | 6.4 |

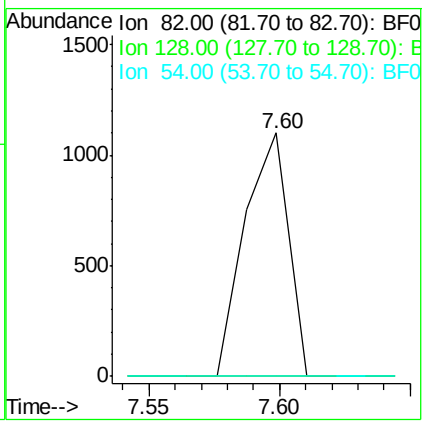


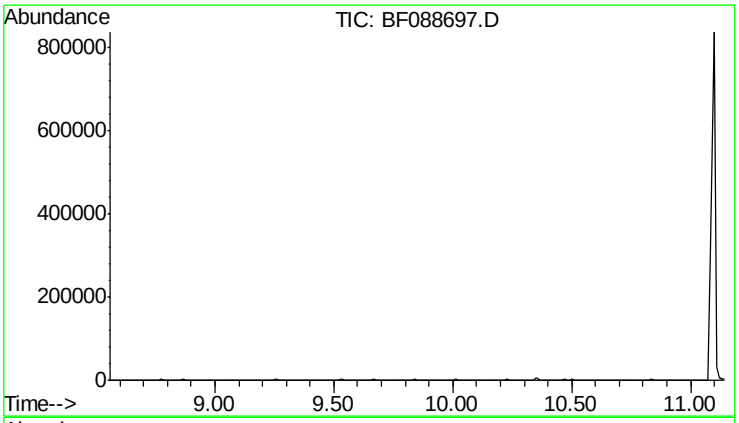

#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.60 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion: 82 Resp: 1270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 0.0 | 35.9 | 53.9# |
| 54 | 0.0 | 40.9 | 61.3# |



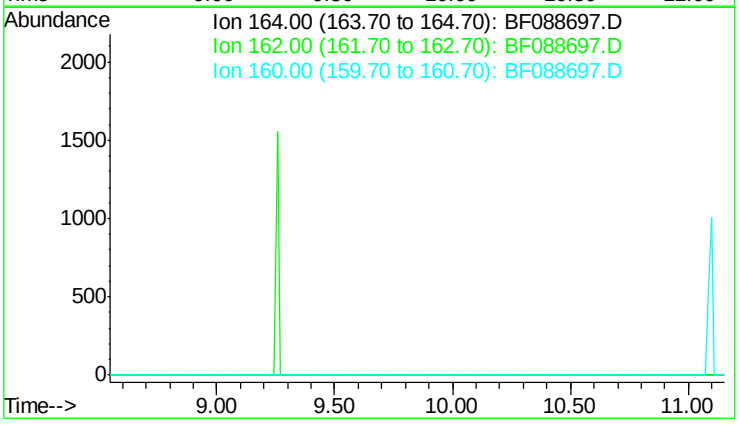



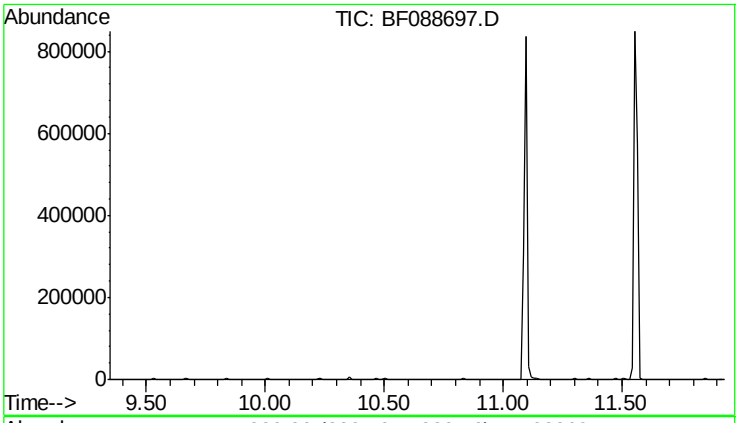

#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 9.85 min

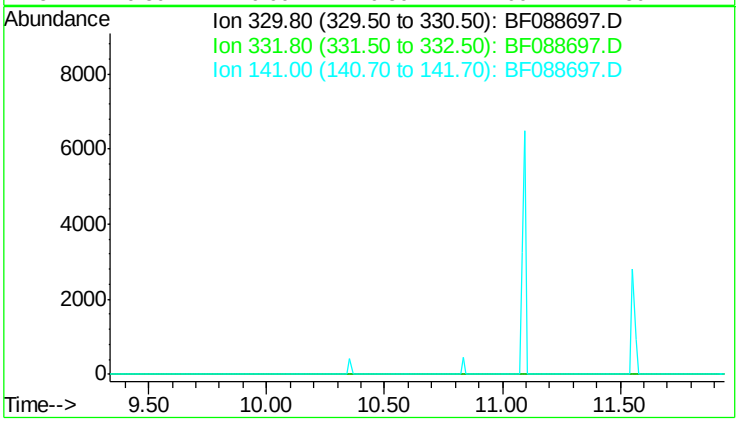
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion: 164

| Sig | Exp Ratio |
|---|---|
| 164 | 100 |
| 162 | 106.8 |
| 160 | 49.4 |





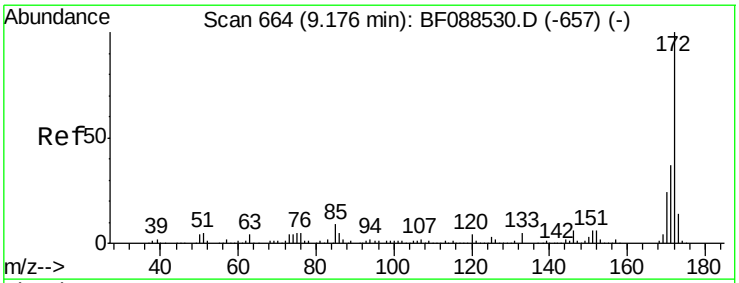

#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.64 min

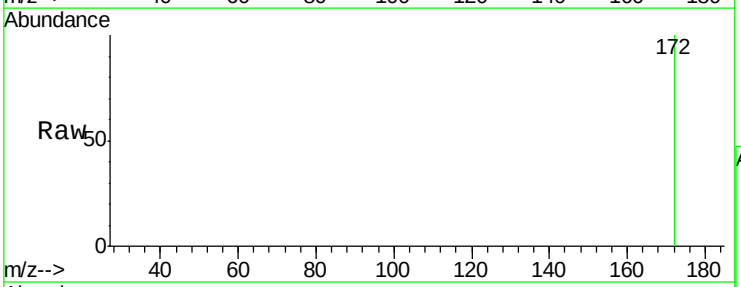
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

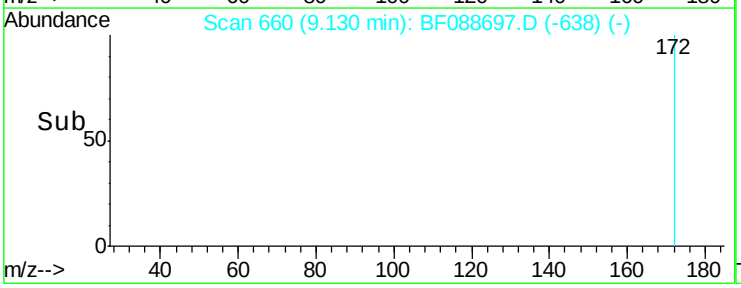
Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 0.0 |
| 141 | 0.0 |

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



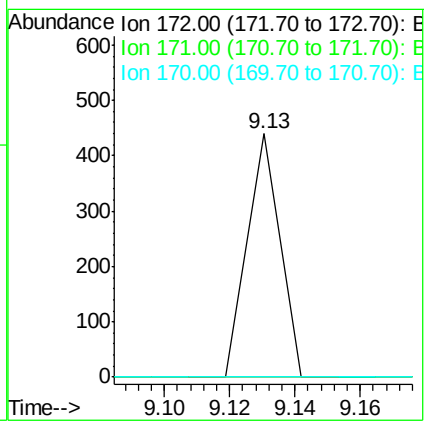



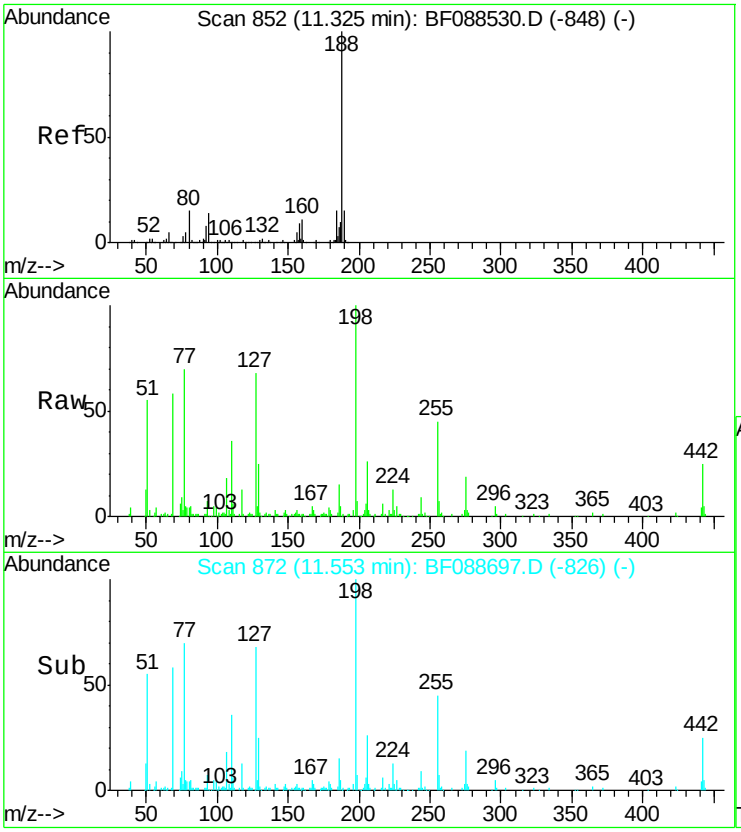




#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:172 Resp: 302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 0.0 | 28.6 | 43.0# |
| 170 | 0.0 | 19.2 | 28.8# |



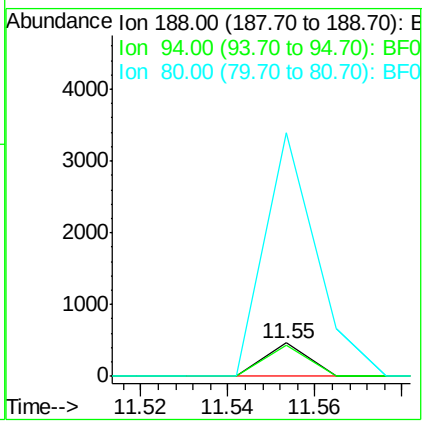


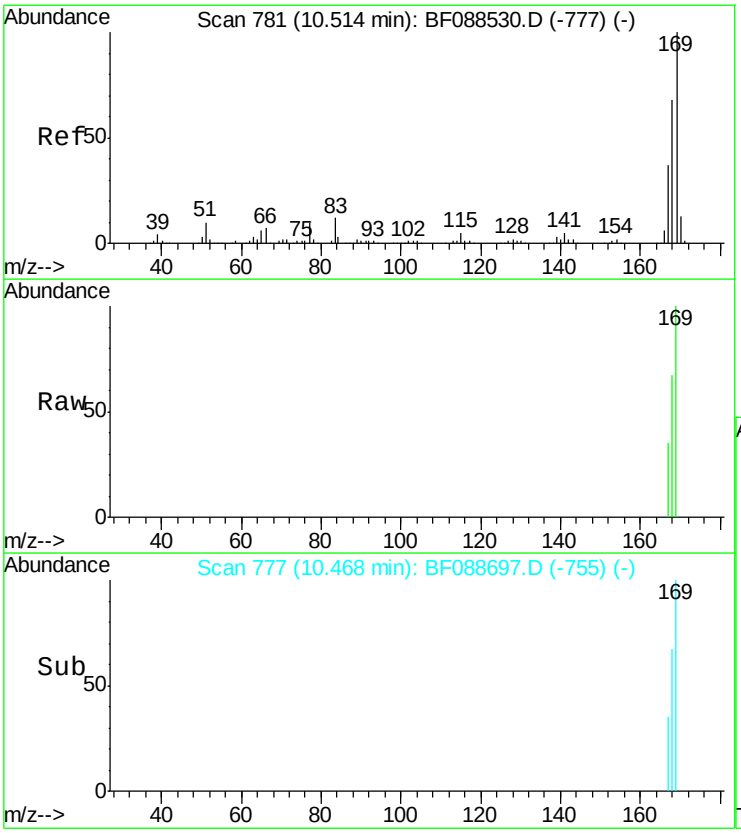

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 872
Delta R.T. 0.23 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion:188 Resp: 317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 93.9 | 9.0 | 13.6# |
| 80 | 734.4 | 10.0 | 15.0# |

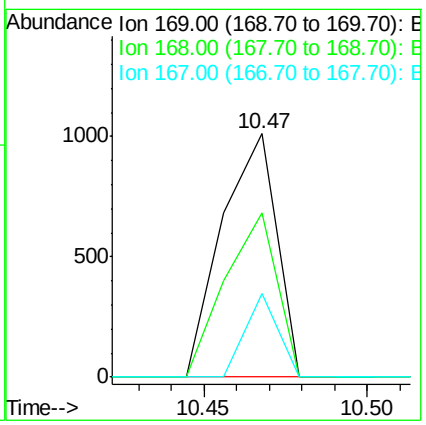


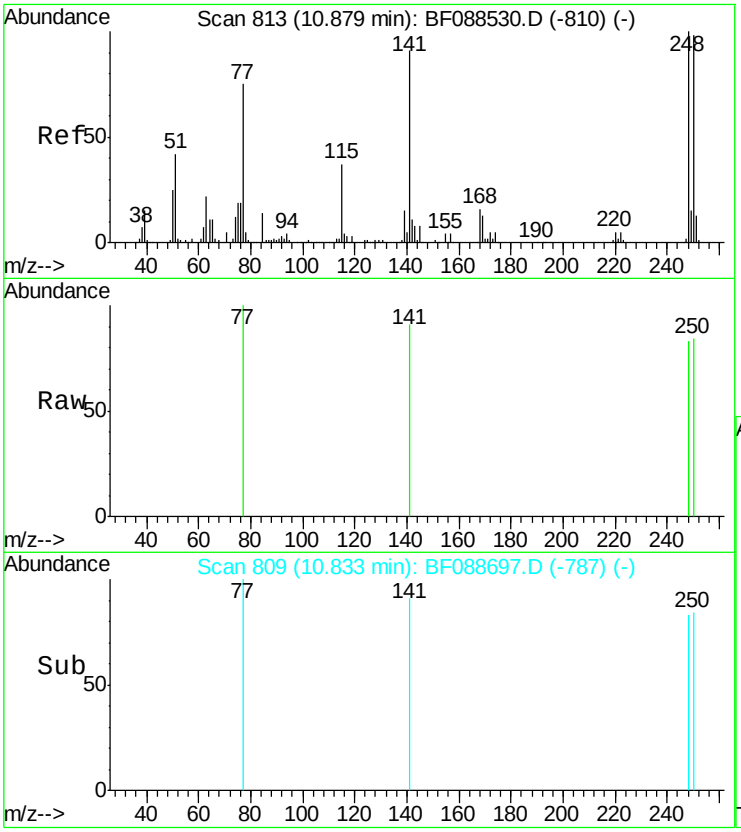




#65
n-Nitrosodiphenylamine
Concen: 108.31 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:169 Resp: 1162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 53.4 | 80.0 |
| 167 | 34.6 | 29.4 | 44.0 |



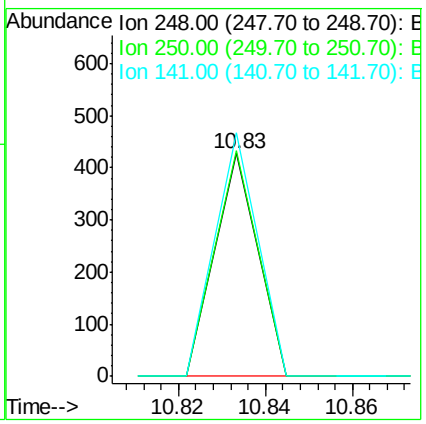


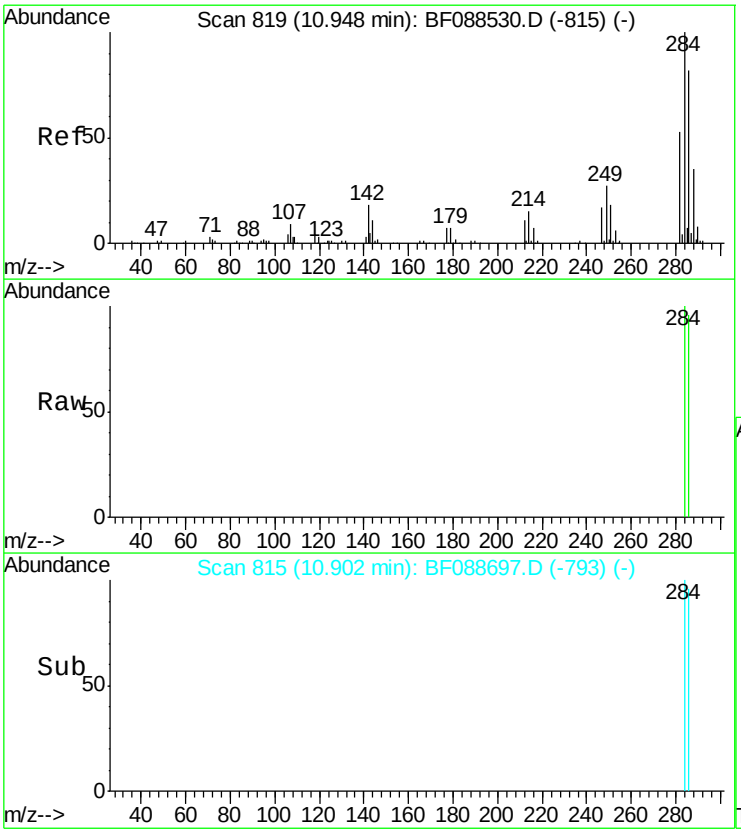

#66
4-Bromophenyl-phenylether
Concen: 92.03 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion:248 Resp: 294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.9 | 77.1 | 115.7 |
| 141 | 109.1 | 50.6 | 76.0# |

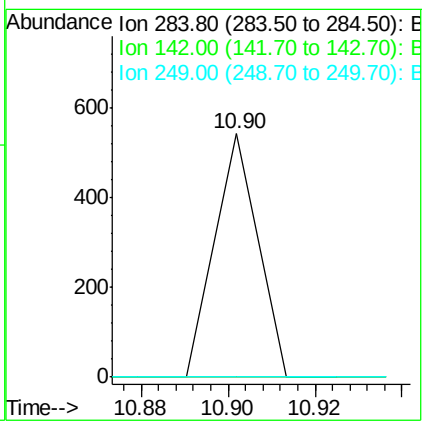


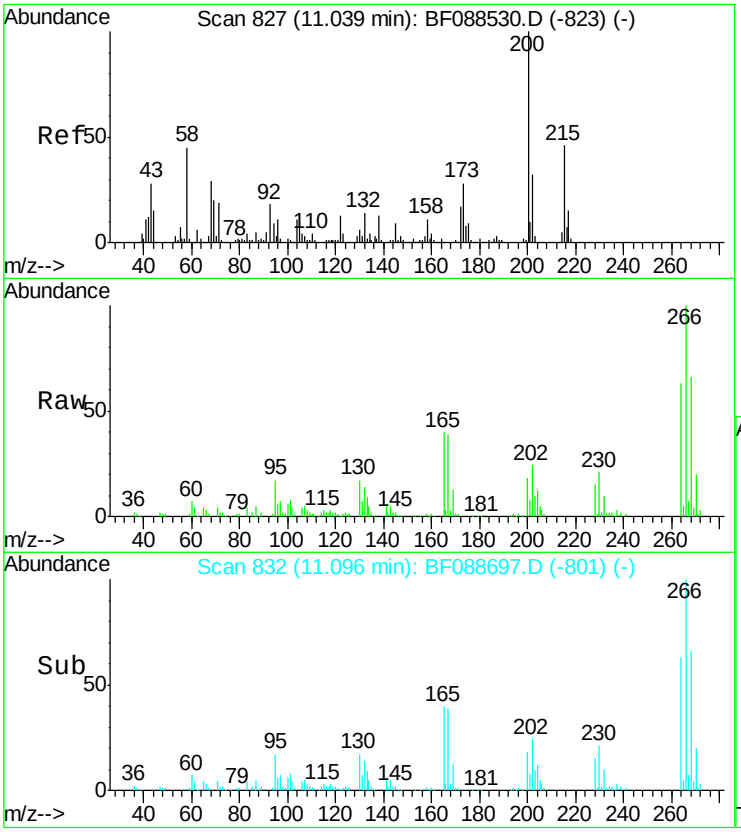




#67
Hexachlorobenzene
Concen: 105.20 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:284 Resp: 372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 35.8 | 53.8# |
| 249 | 0.0 | 25.8 | 38.6# |



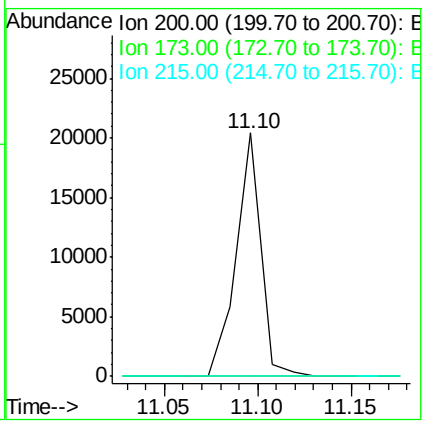


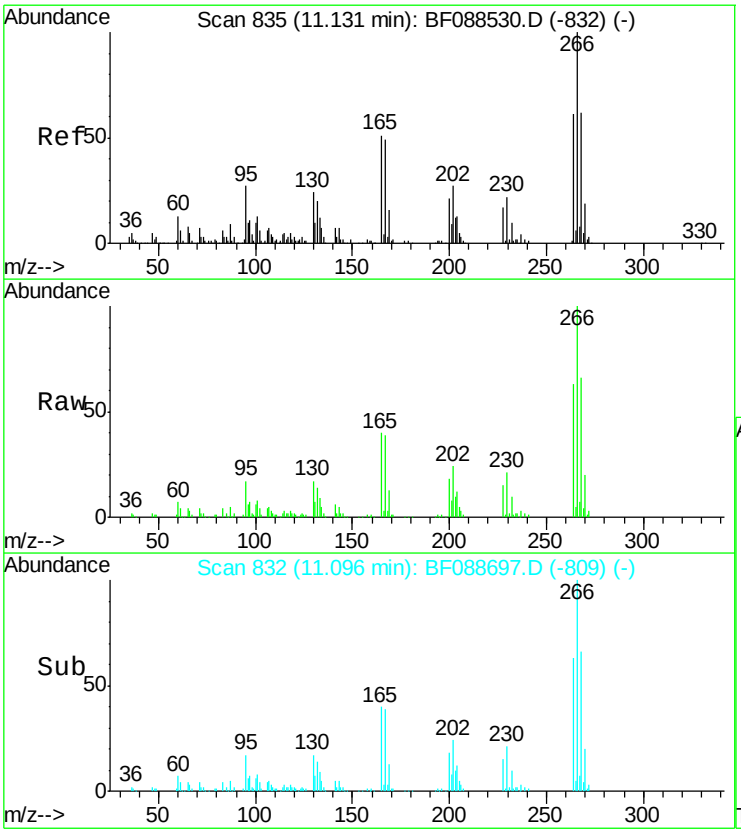

#68
Atrazine
Concen: 5646.25 ng
RT: 11.10 min  Scan# 832
Delta R.T.  0.06 min
Lab File:  BF088697.D
Acq:  5 Jul 2016  11:51

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

Tgt Ion:200 Resp:  18876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 4.0 | 44.0# |
| 215 | 0.0 | 29.3 | 69.3# |

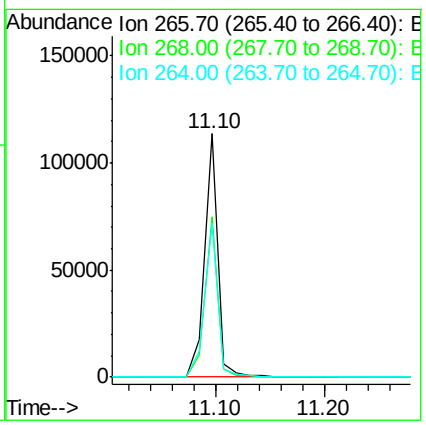


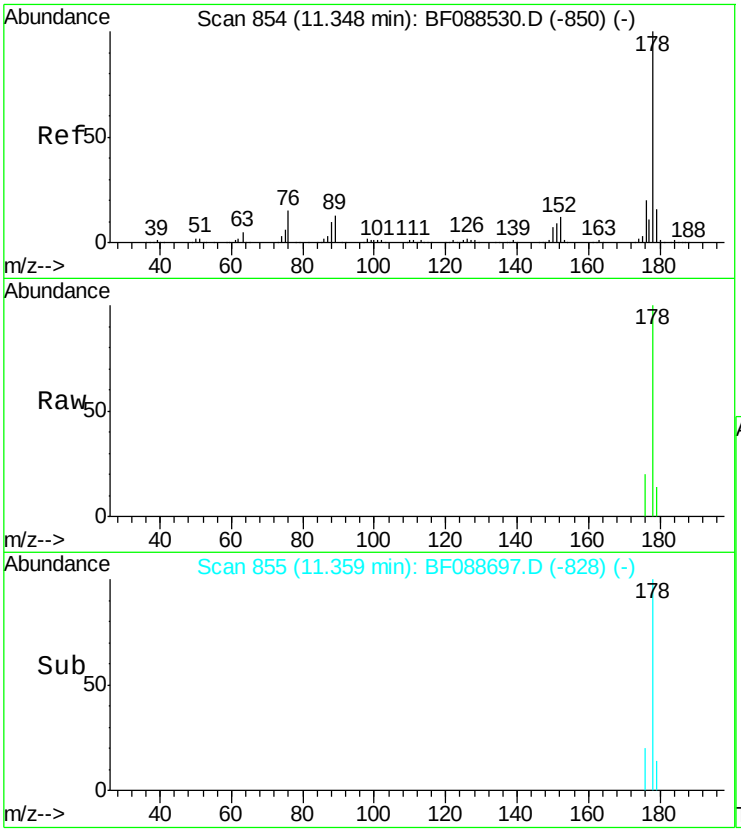




#69
Pentachlorophenol
Concen: 46619.69 ng
RT: 11.10 min  Scan# 832
Delta R.T.  -0.03 min
Lab File:  BF088697.D
Acq:  5 Jul 2016  11:51

Tgt Ion:266 Resp:  97566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.7 | 52.8 | 79.2 |
| 264 | 63.2 | 49.6 | 74.4 |



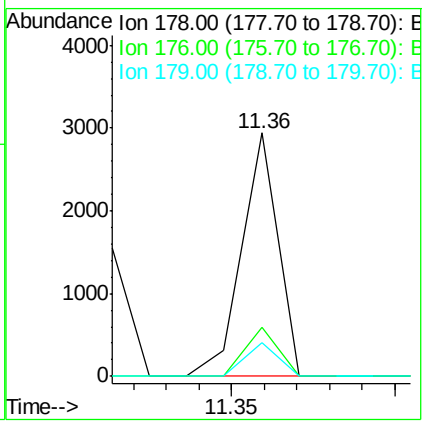


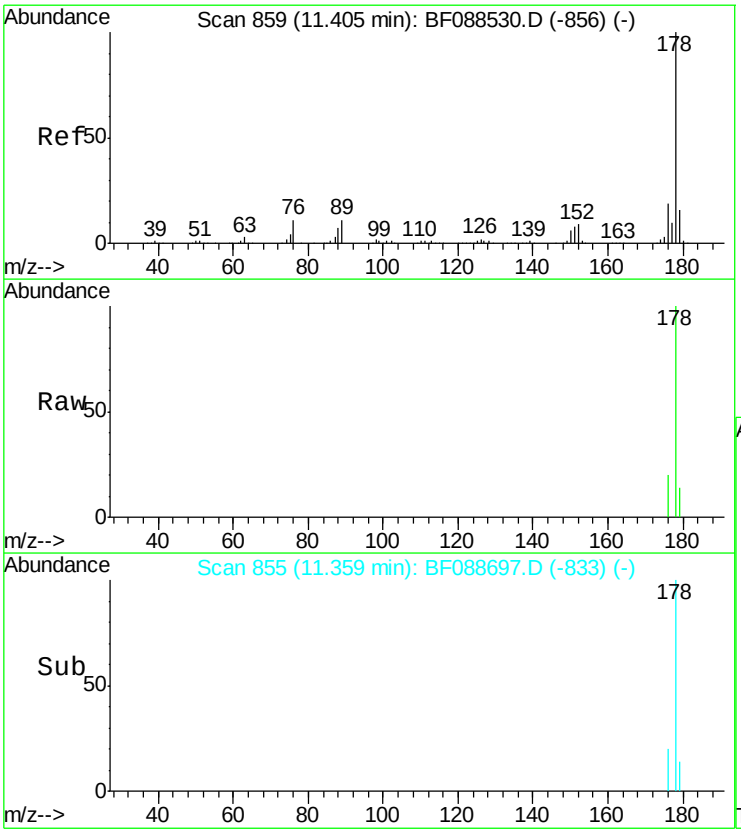

#70
Phenanthrene
Concen: 129.03 ng
RT: 11.36 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion:178 Resp: 2236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 15.8 | 23.6 |
| 179 | 13.9 | 13.0 | 19.4 |

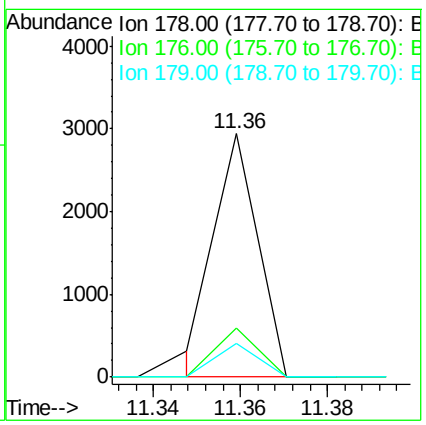


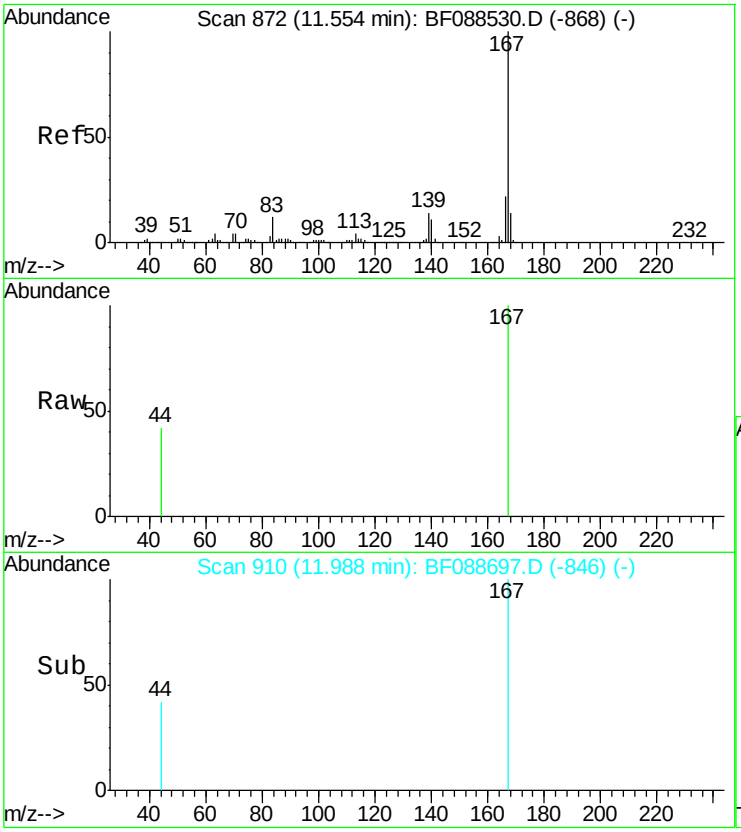




#71
Anthracene
Concen: 117.18 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:178 Resp: 2019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 15.6 | 23.4 |
| 179 | 13.9 | 12.8 | 19.2 |



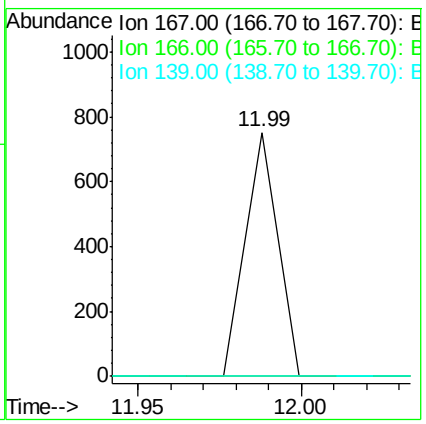


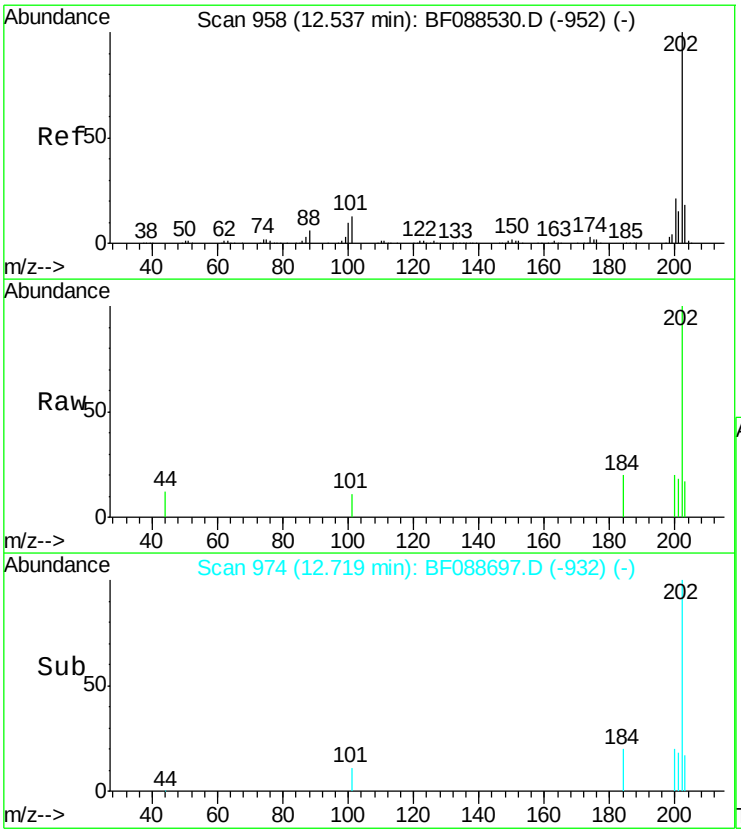

#72
Carbazole
Concen: 31.76 ng
RT: 11.99 min Scan# 910
Delta R.T. 0.43 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

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

Tgt Ion:167 Resp: 515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 17.8 | 26.6# |
| 139 | 0.0 | 11.2 | 16.8# |

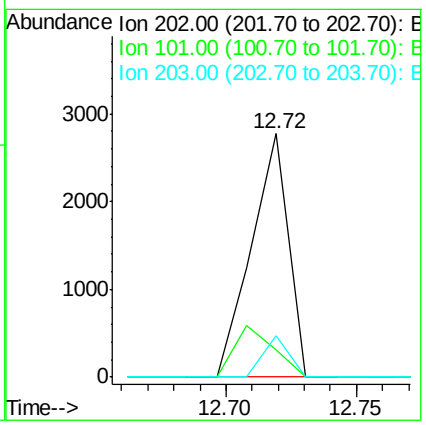


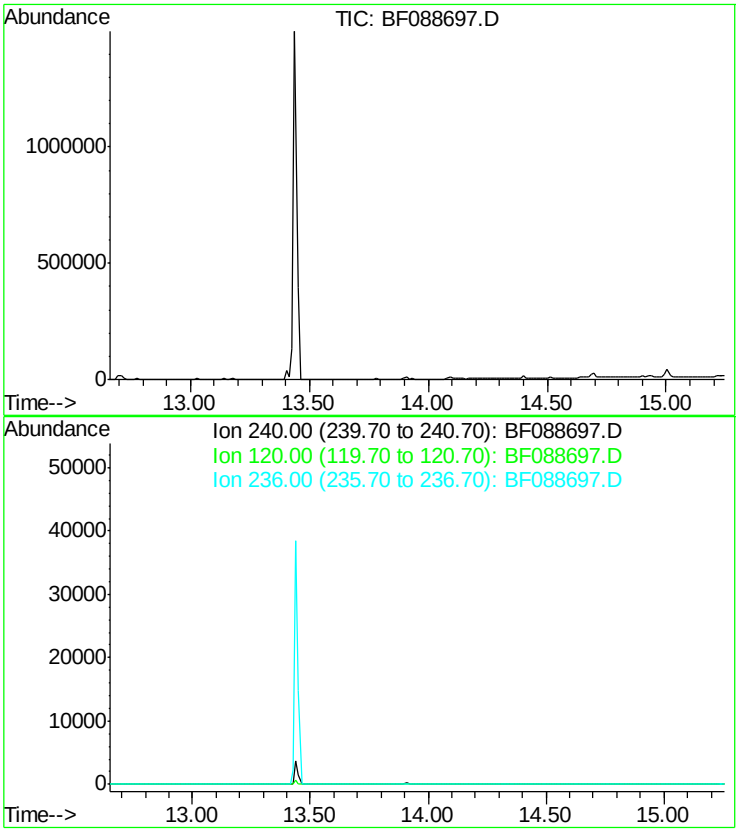




#74
Fluoranthene
Concen: 156.77 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.18 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:202 Resp: 2754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 33.1 |
| 203 | 17.0 | 0.0 | 38.1 |





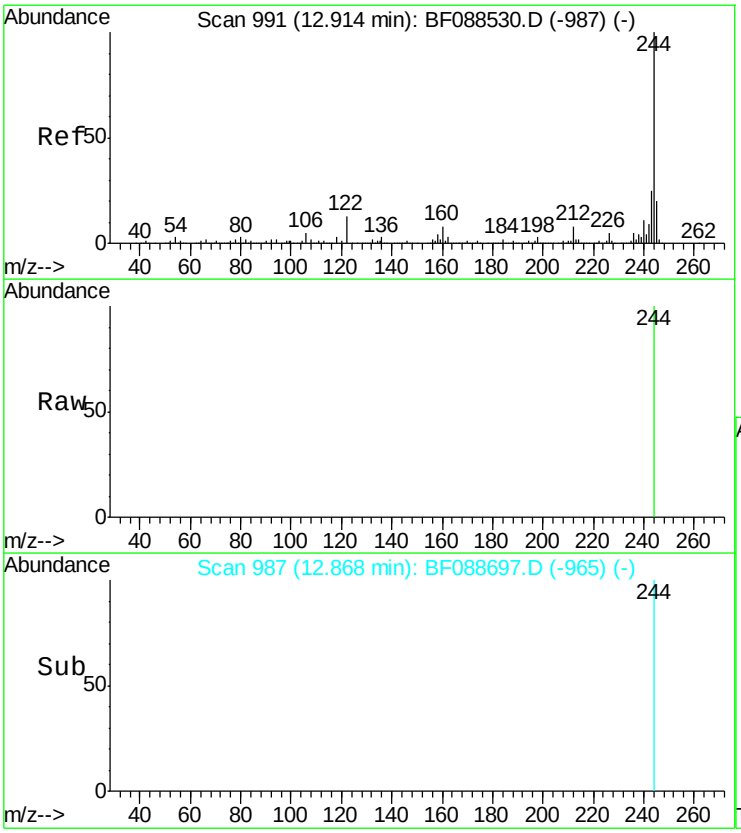

#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 13.95 min

Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion: 240

| Sig | Exp Ratio |
|---|---|
| 240 | 100 |
| 120 | 8.5 |
| 236 | 25.2 |

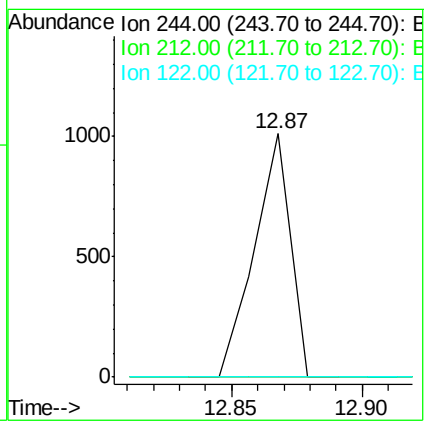
**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

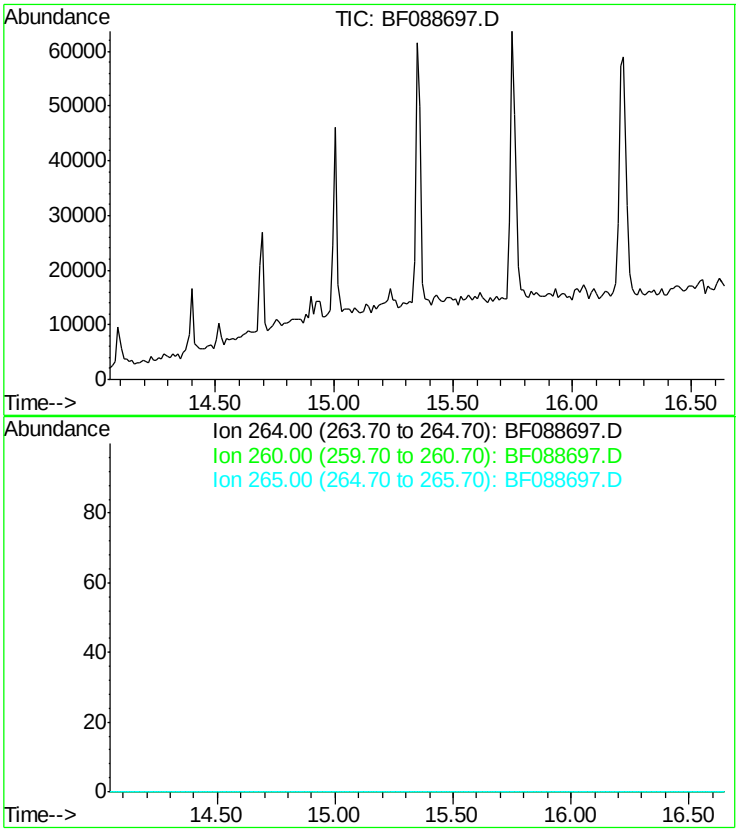



#78
Terphenyl-d14
Concen: 0.00 ng
RT: 12.87 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion:244 Resp: 981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 0.0 | 6.0 | 9.0# |
| 122 | 0.0 | 11.2 | 16.8# |






#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 15.35 min

Lab File: BF088697.D
Acq: 5 Jul 2016 11:51

Tgt Ion: 264

| Sig | Exp Ratio |
|---|---|
| 264 | 100 |
| 260 | 24.0 |
| 265 | 21.1 |

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