Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075726.D
Acq On : 21 Nov 2014 00:48
Operator : TP / JJ
Sample : F4777-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-02-11-14-14

Quant Time: Nov 21 04:53:17 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 63536 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 9.05 | 136 | 271168 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 11.22 | 164 | 131412 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 13.08 | 188 | 227438 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 16.36 | 240 | 237356 | 20.00 | ng | -0.03 |
| 86) Perylene-d12 | 18.06 | 264 | 240128 | 20.00 | ng | -0.10 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.76 | 112 | 236491 | 57.83 | ng | -0.02 |
| 7) Phenol-d6 | 7.02 | 99 | 237208 | 47.69 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.16 | 82 | 321913 | 72.87 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 12.21 | 330 | 128473 | 119.91 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 10.40 | 172 | 628478 | 74.87 | ng | -0.01 |
| 78) Terphenyl-d14 | 15.07 | 244 | 524795 | 55.30 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.37 | 88 | 9760 | 5.27 | ng | 95 |

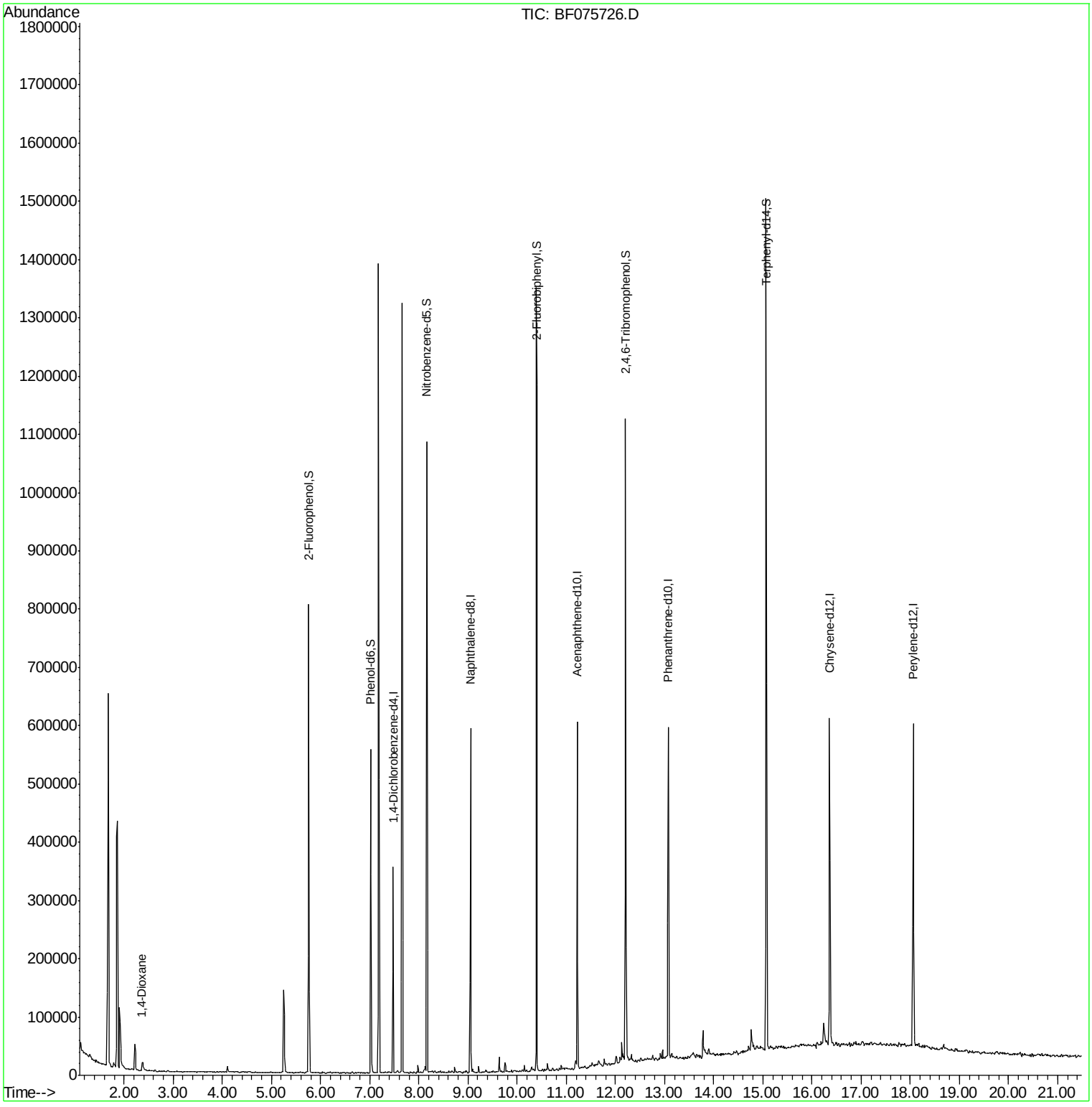
(#) = qualifier out of range (m) = manual integration (+) = signals summed

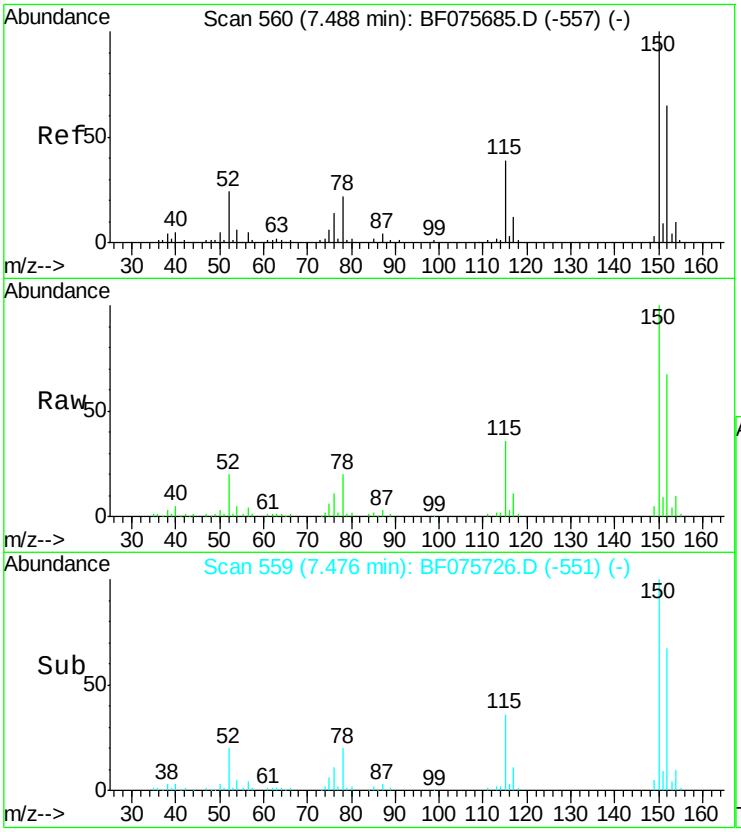
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075726.D
Acq On : 21 Nov 2014 00:48
Operator : TP / JJ
Sample : F4777-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Quant Time: Nov 21 04:53:17 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration



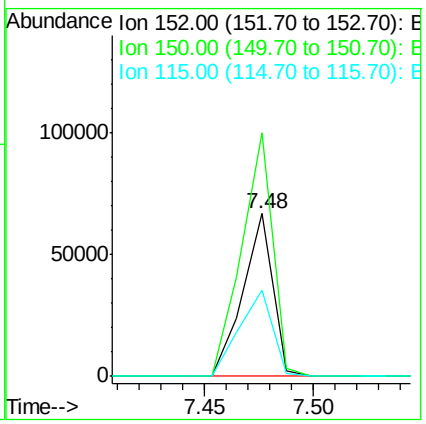


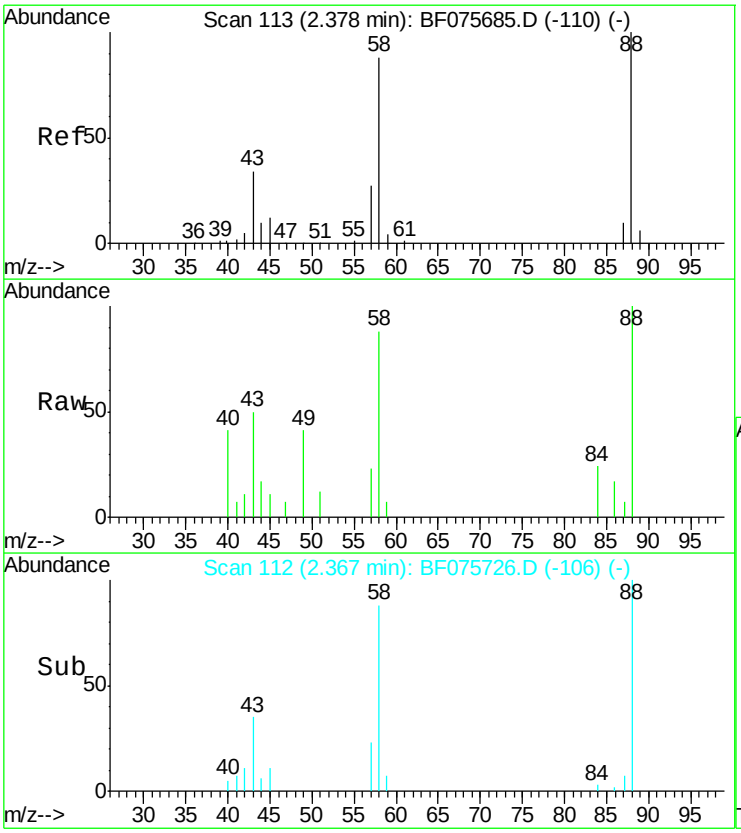

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:152 Resp: 63536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.7 | 127.2 | 190.8 |
| 115 | 53.4 | 57.1 | 85.7# |

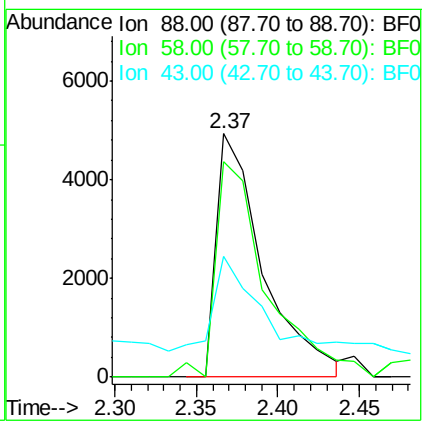


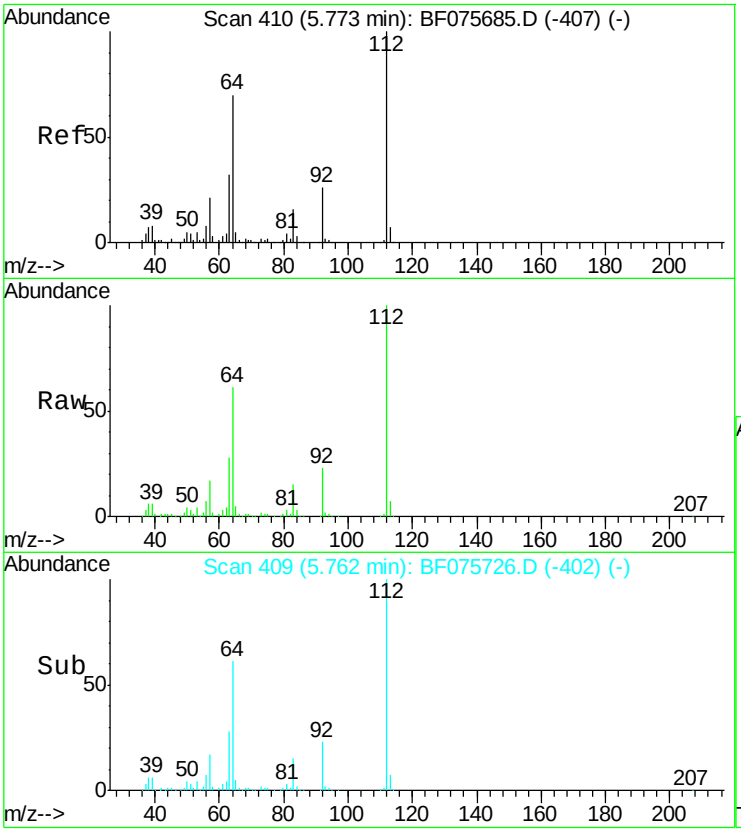




#2
1,4-Dioxane
Concen: 5.27 ng
RT: 2.37 min Scan# 112
Delta R.T. -0.03 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion: 88 Resp: 9760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 97.4 | 73.5 | 110.3 |
| 43 | 38.6 | 31.9 | 47.9 |



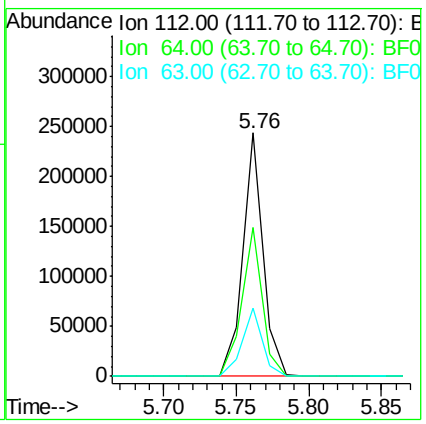


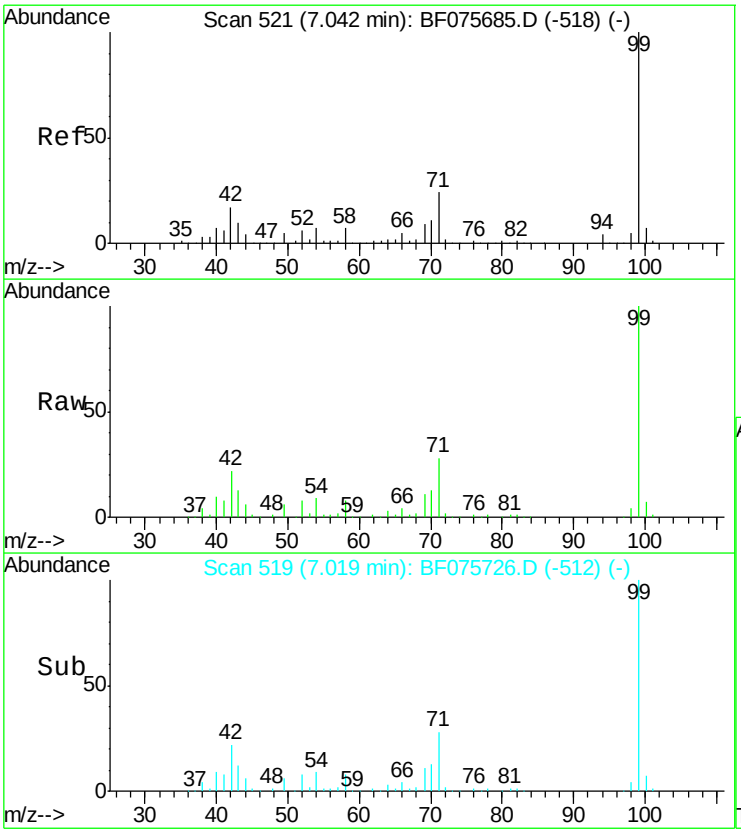

#5
2-Fluorophenol
Concen: 57.83 ng
RT: 5.76 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:112 Resp: 236491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.1 | 45.8 | 68.6 |
| 63 | 27.8 | 22.7 | 34.1 |

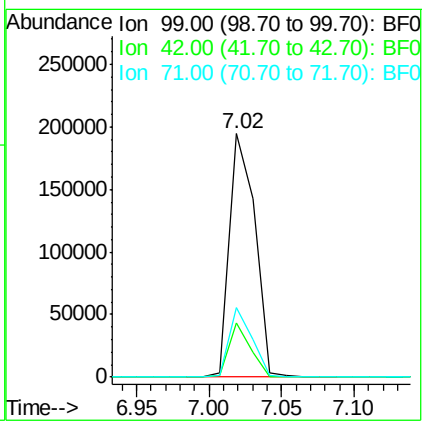


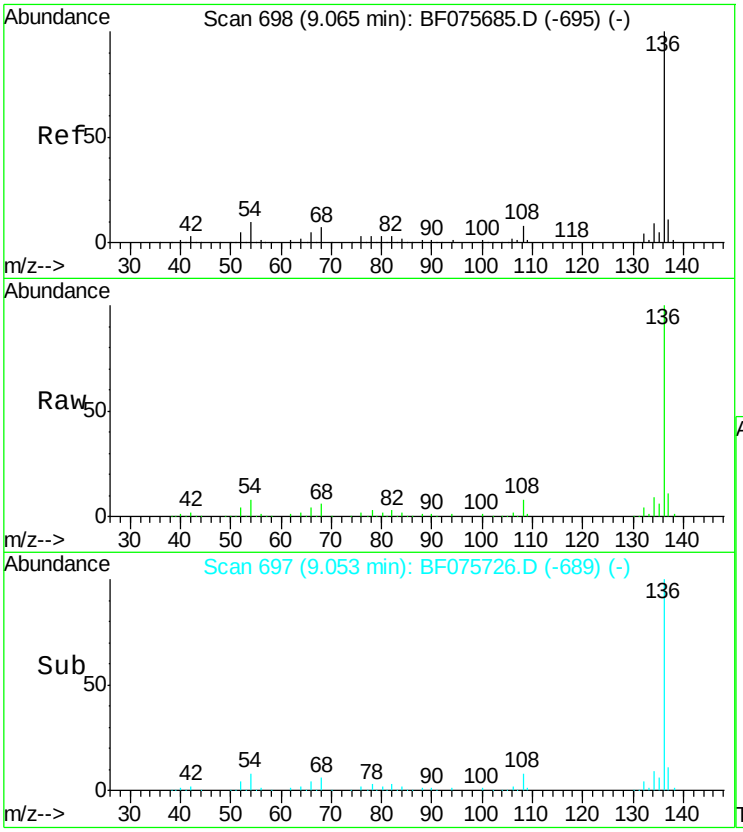




#7
Phenol-d6
Concen: 47.69 ng
RT: 7.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion: 99 Resp: 237208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.3 | 19.8 | 29.6 |
| 71 | 28.3 | 25.5 | 38.3 |



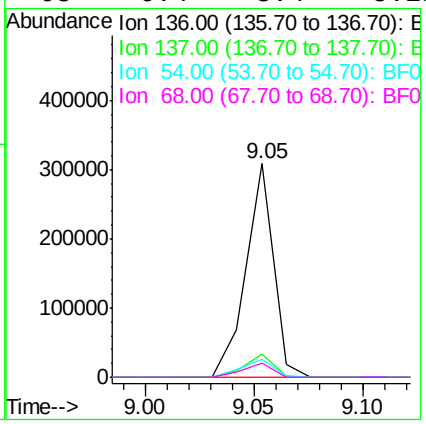


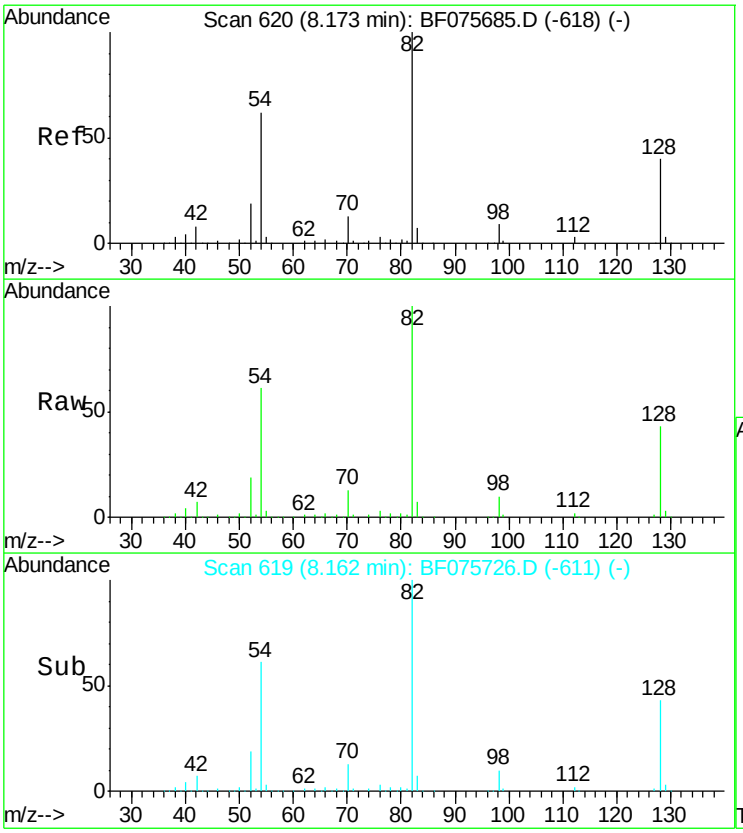

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:136 Resp: 271168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.2 | 12.4 |
| 54 | 8.1 | 6.2 | 9.4 |
| 68 | 6.4 | 3.4 | 5.2# |

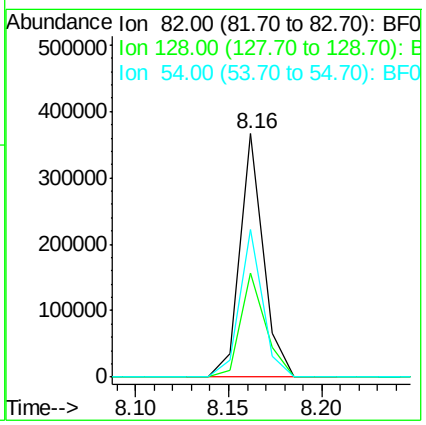


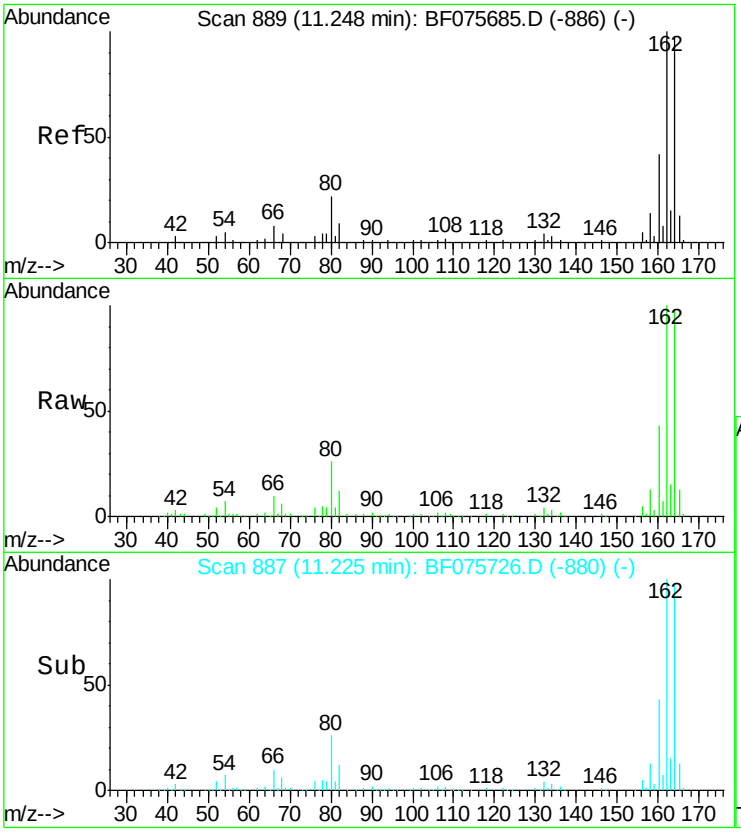




#23
Nitrobenzene-d5
Concen: 72.87 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion: 82 Resp: 321913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 37.8 | 56.6 |
| 54 | 60.9 | 49.8 | 74.8 |



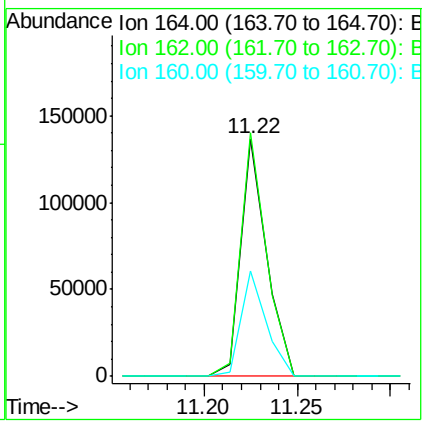


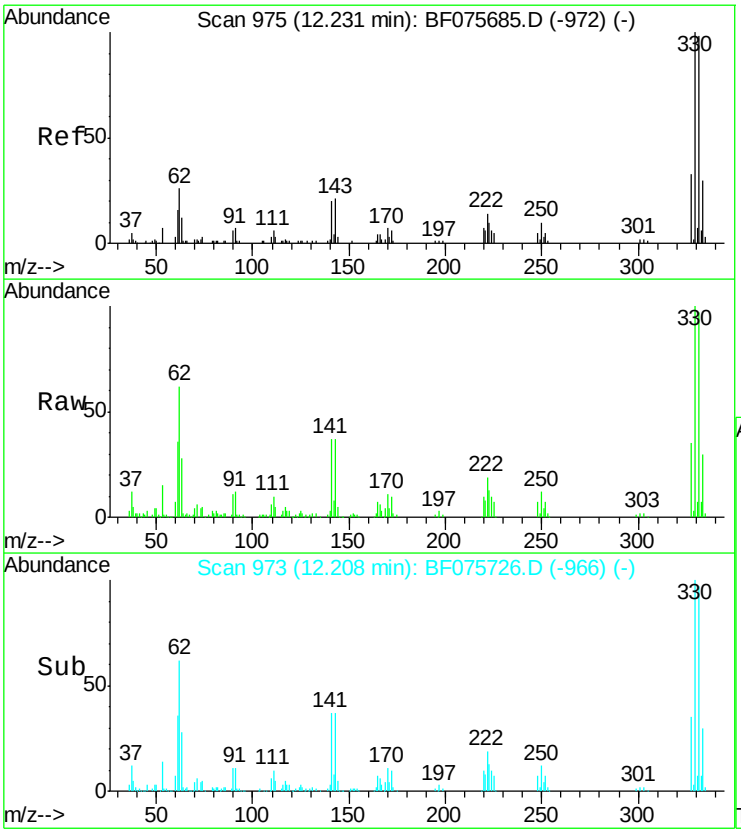

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:164 Resp: 131412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 79.1 | 118.7 |
| 160 | 44.4 | 34.6 | 51.8 |

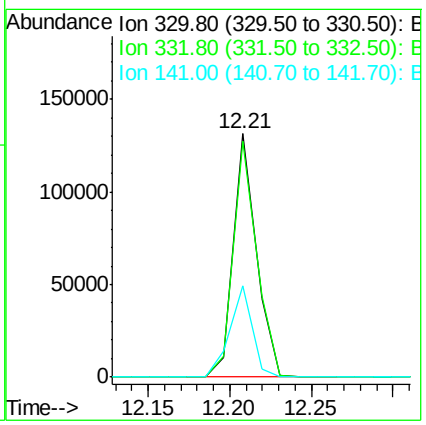


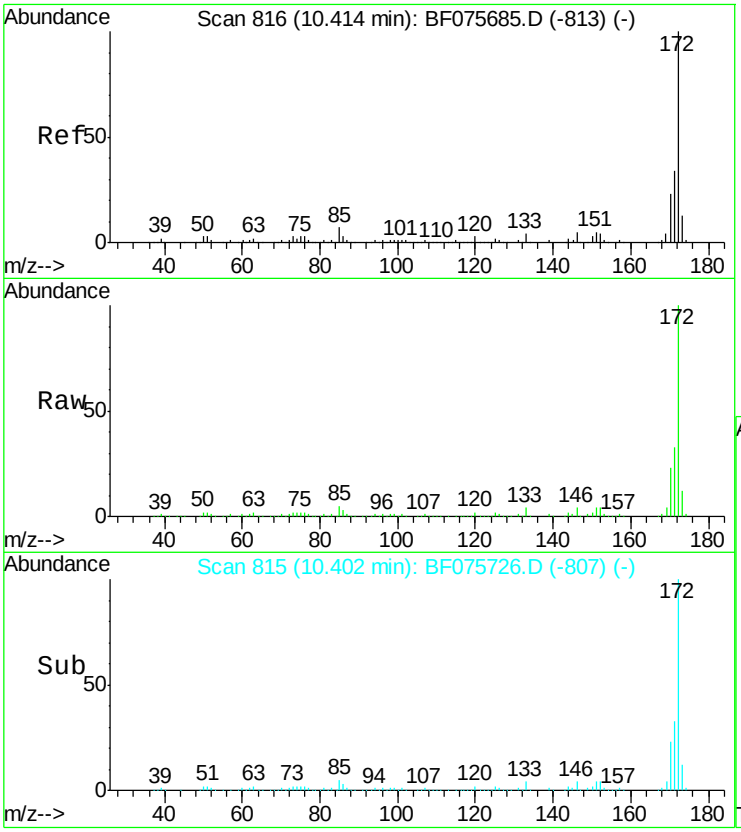




#41
2,4,6-Tribromophenol
Concen: 119.91 ng
RT: 12.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion:330 Resp: 128473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 74.5 | 111.7 |
| 141 | 36.0 | 30.7 | 46.1 |



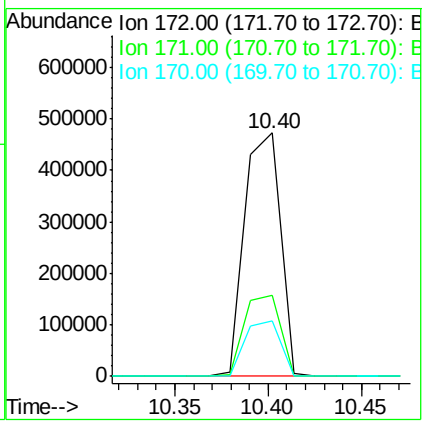


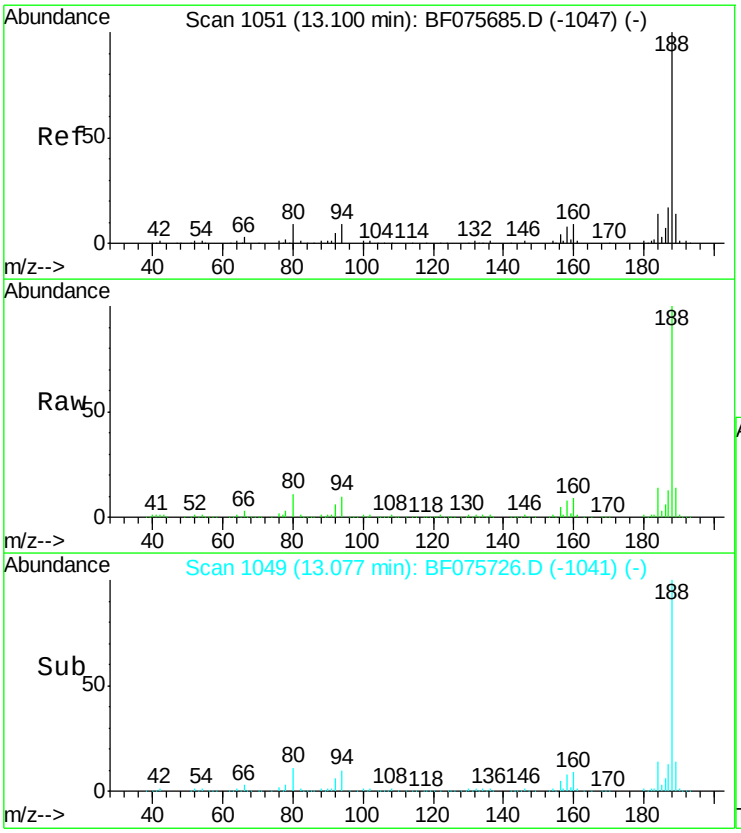

#44
2-Fluorobiphenyl
Concen: 74.87 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:172 Resp: 628478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.3 | 27.3 | 40.9 |
| 170 | 22.6 | 18.4 | 27.6 |

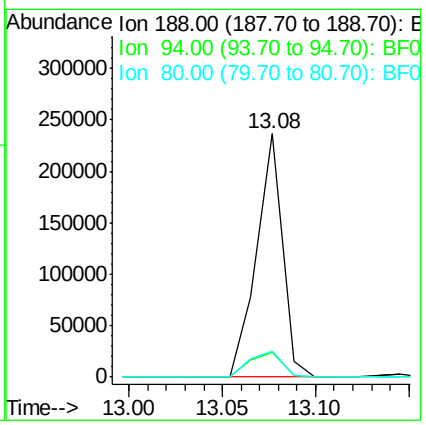


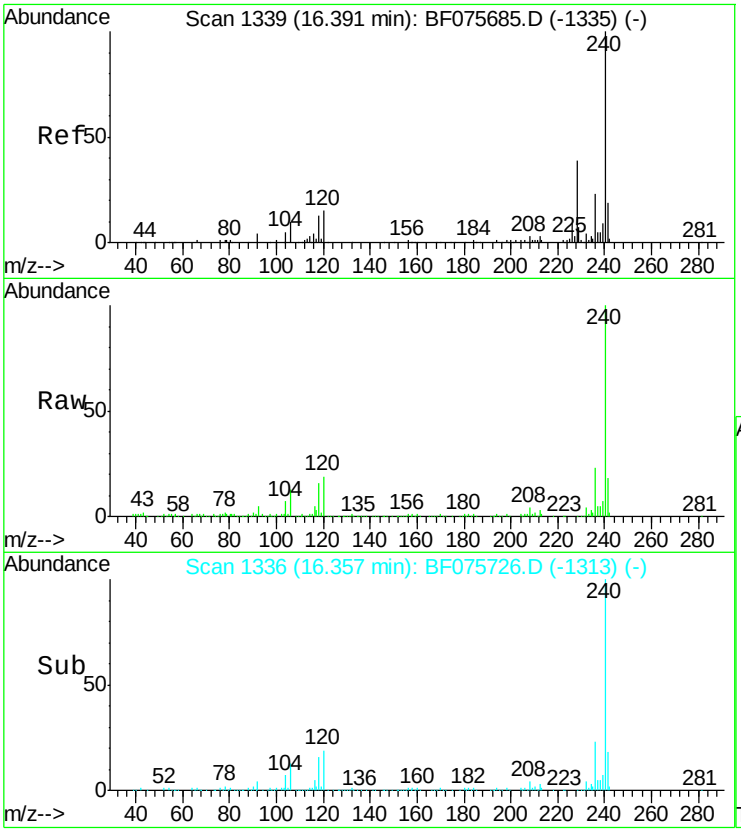




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion:188 Resp: 227438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 7.8 | 11.6 |
| 80 | 10.8 | 8.0 | 12.0 |



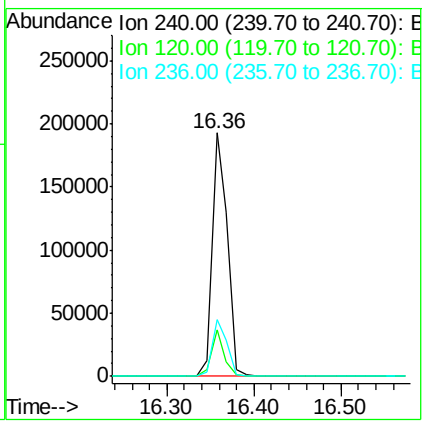


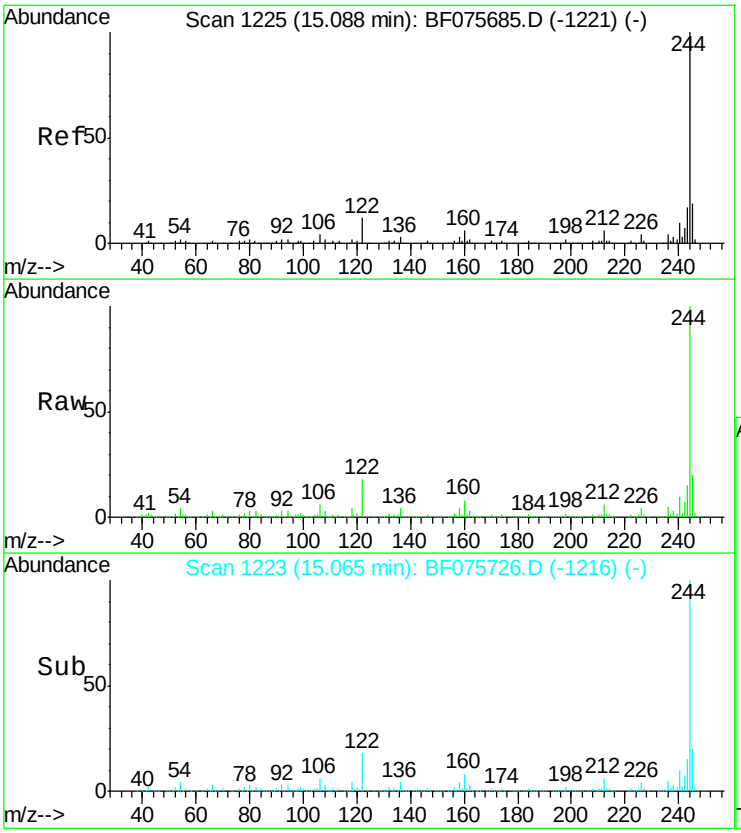

#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:240 Resp: 237356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.1 | 9.6 | 14.4# |
| 236 | 23.1 | 18.9 | 28.3 |

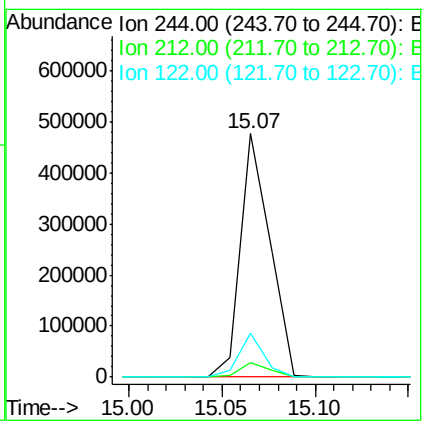


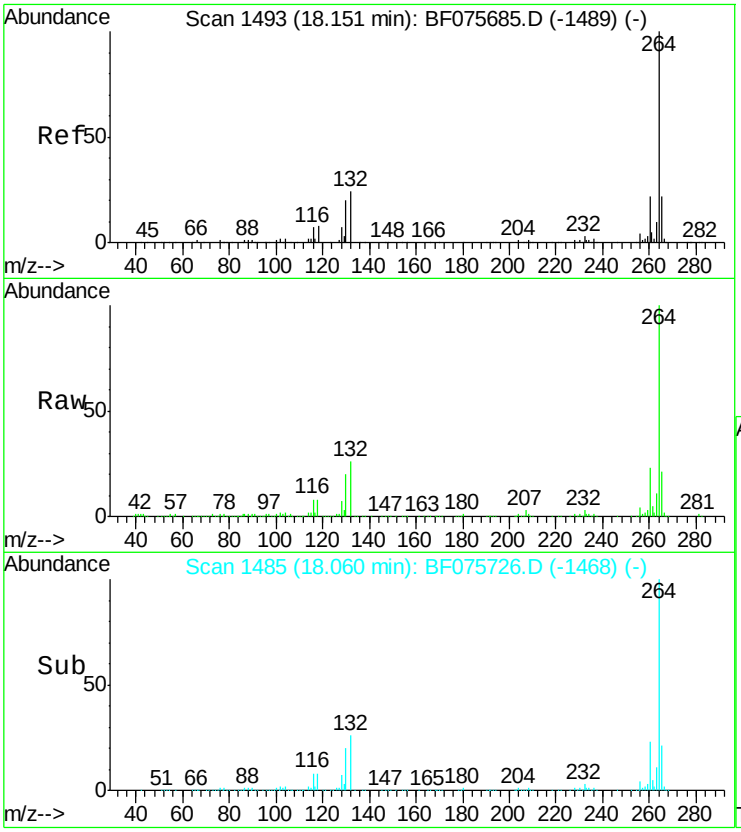




#78
Terphenyl-d14
Concen: 55.30 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion:244 Resp: 524795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.5 | 8.3 |
| 122 | 17.9 | 9.7 | 14.5# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 18.06 min Scan# 1485
Delta R.T. -0.10 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

**Instrument :**
BNA_F
**ClientSampleId :**
MW-02-11-14-14

Tgt Ion:264 Resp: 240128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 17.9 | 26.9 |
| 265 | 20.9 | 16.3 | 24.5 |