Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
Data File : BF081072.D
Acq On : 19 Aug 2015 7:59
Operator : UM/IZ
Sample : G3289-09 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RAMPB-T(0-2)-5

Quant Time: Aug 19 12:43:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.60 | 152 | 53272 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.88 | 136 | 201301 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.63 | 164 | 100848 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.11 | 188 | 194846 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.73 | 240 | 133936 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.06 | 264 | 116623 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.16 | 112 | 75003 | 21.18 | ng | | -0.02 |
| 7) Phenol-d6 | 6.24 | 99 | 105667 | 22.87 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.16 | 82 | 65384 | 14.84 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.41 | 330 | 17457 | 19.97 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 8.97 | 172 | 117386 | 15.25 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.69 | 244 | 112921 | 18.07 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70 | 8188 | 2.56 | ng | # | 81 |
| 25) Isophorone | 7.16 | 82 | 64408 | 7.84 | ng | # | 71 |
| 49) Dimethylphthalate | 9.37 | 163 | 24599 | 2.96 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 12993 | 7.29 | ng | # | 20 |
| 56) 2,4-Dinitrotoluene | 9.63 | 165 | 12993 | 5.50 | ng | # | 16 |
| 74) Fluoranthene | 12.31 | 202 | 25947 | 2.08 | ng | | 97 |
| 77) Pyrene | 12.53 | 202 | 22149 | 2.03 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149 | 18471 | 3.08 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.71 | 252 | 19366 | 2.35 | ng | # | 89 |
| 88) Benzo(k)fluoranthene | 14.71 | 252 | 19366 | 2.52 | ng | # | 92 |

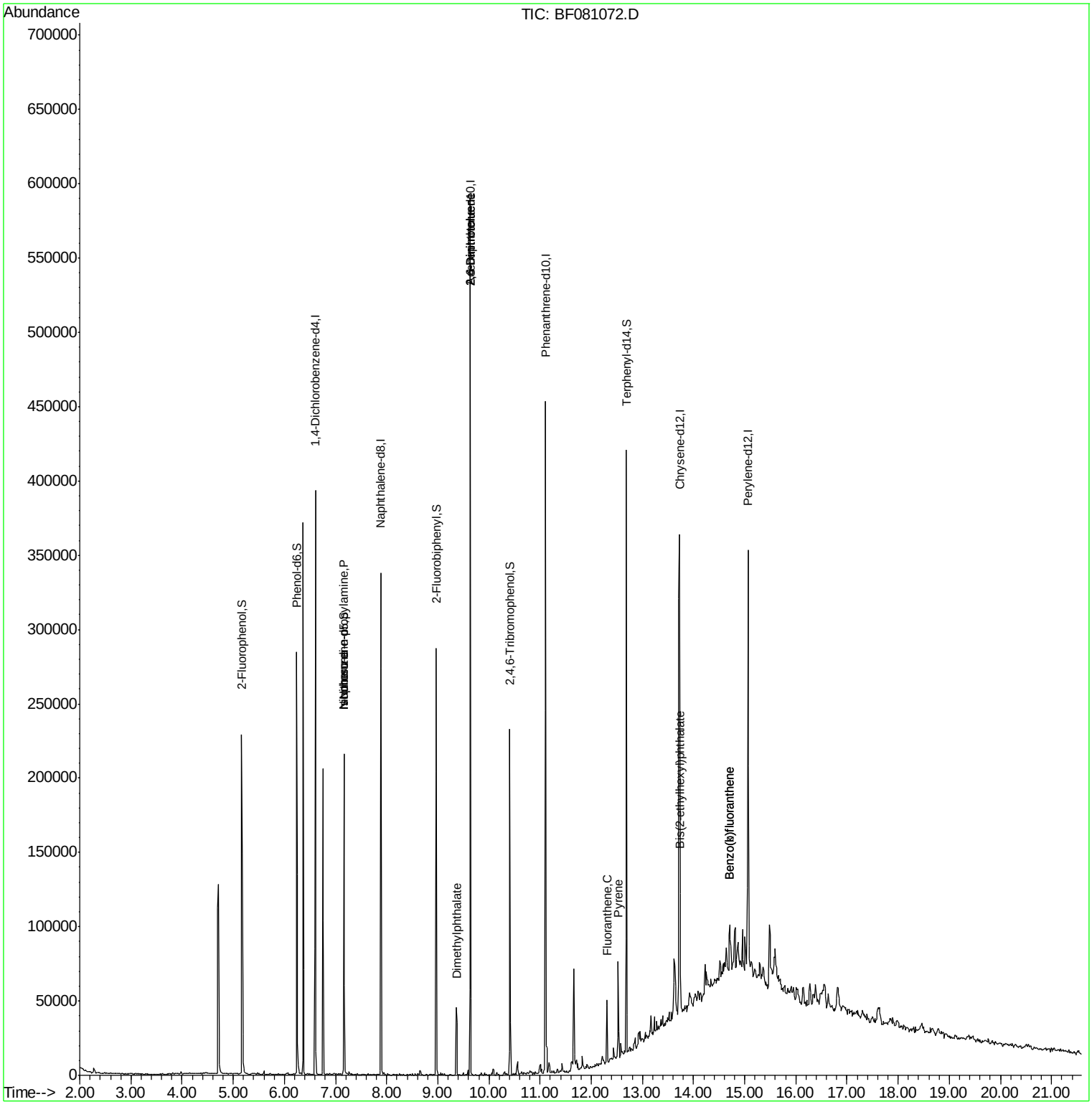
(#) = qualifier out of range (m) = manual integration (+) = signals summed

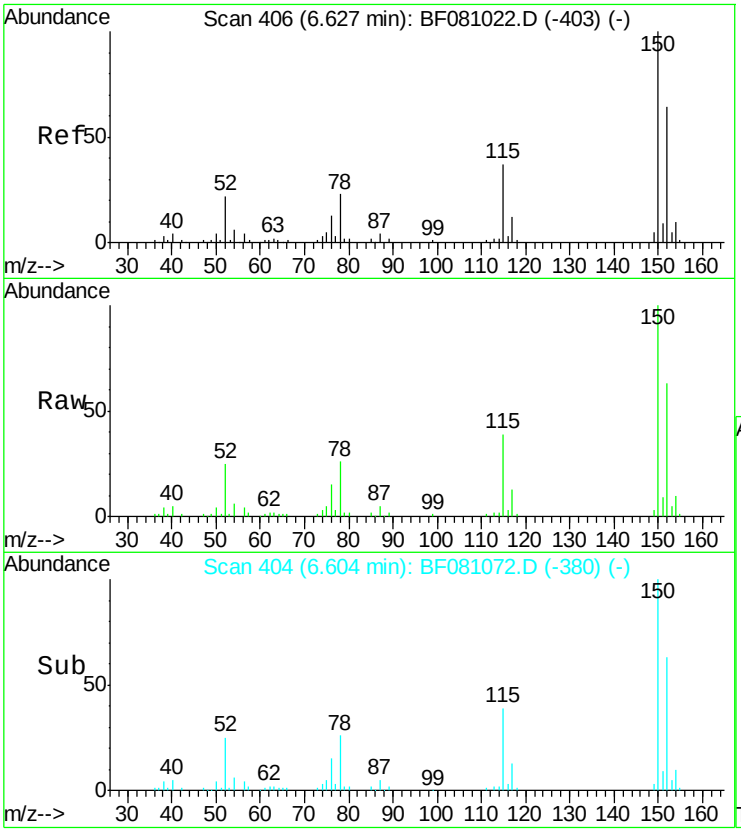
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
Data File : BF081072.D
Acq On : 19 Aug 2015 7:59
Operator : UM/IZ
Sample : G3289-09 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Quant Time: Aug 19 12:43:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration



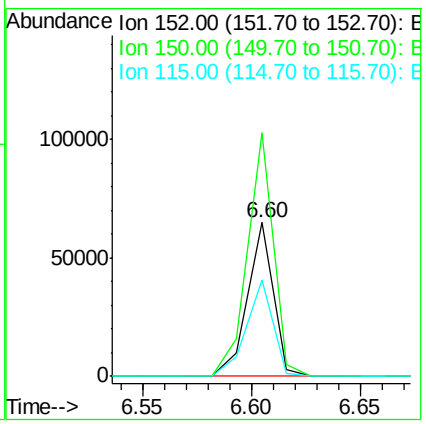


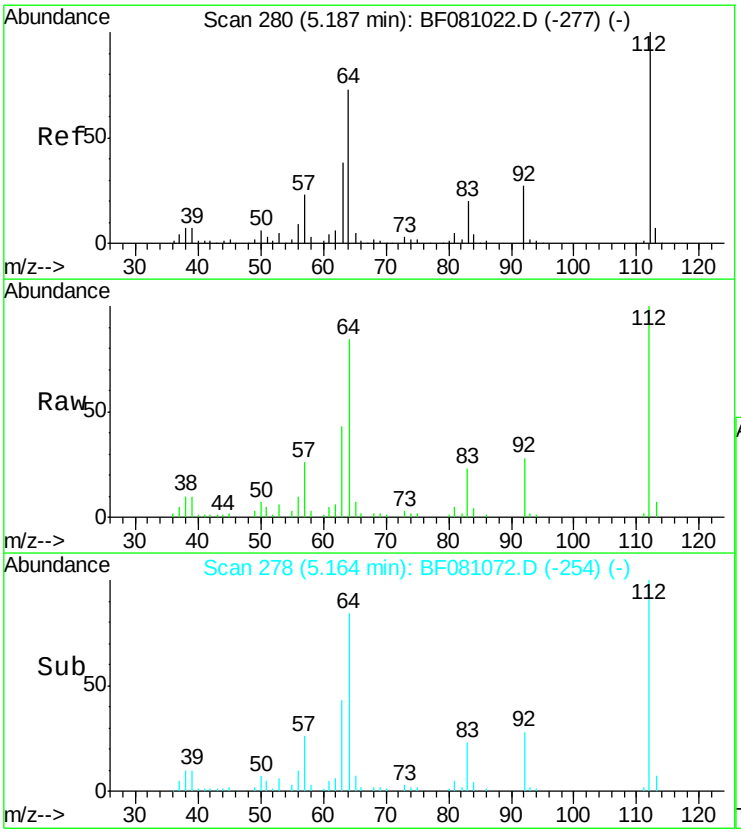

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:152 Resp: 53272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 123.8 | 185.6 |
| 115 | 62.4 | 52.1 | 78.1 |

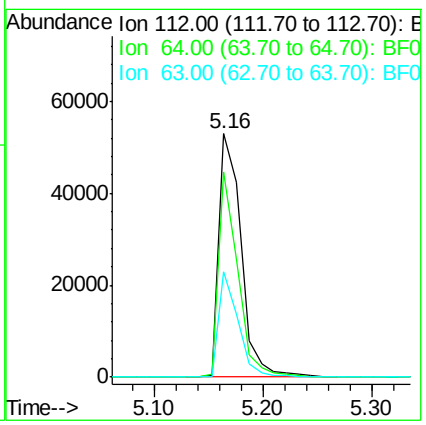


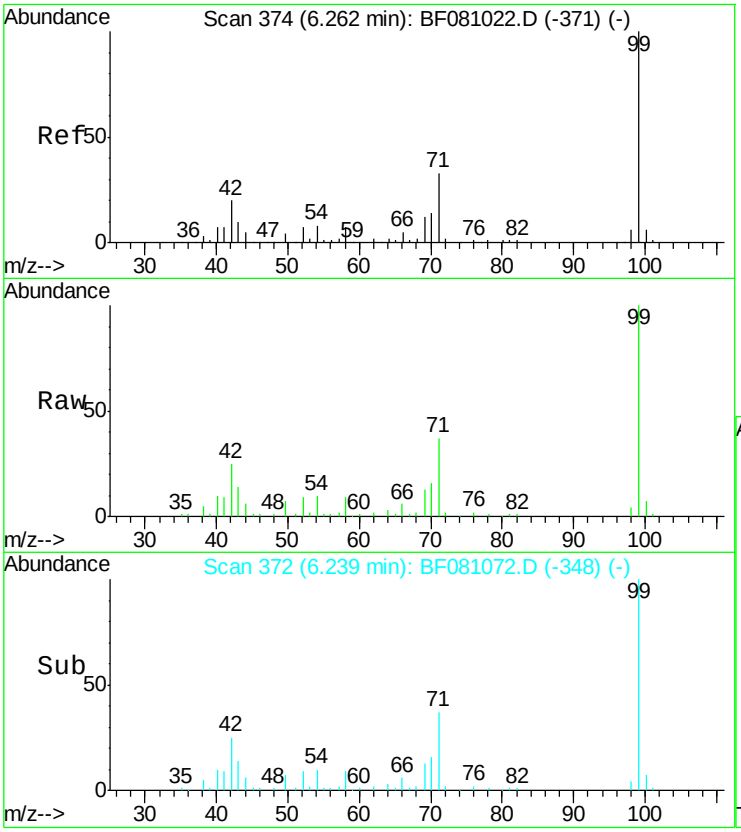




#5
2-Fluorophenol
Concen: 21.18 ng
RT: 5.16 min Scan# 278
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:112 Resp: 75003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 84.2 | 66.9 | 100.3 |
| 63 | 43.3 | 38.1 | 57.1 |



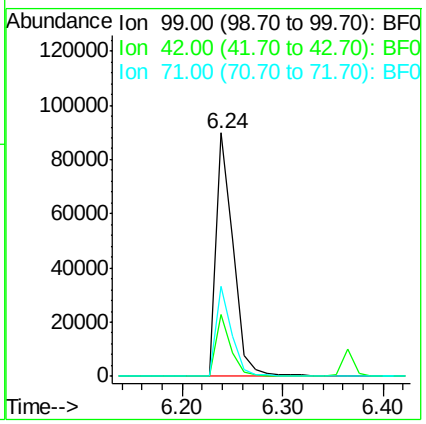


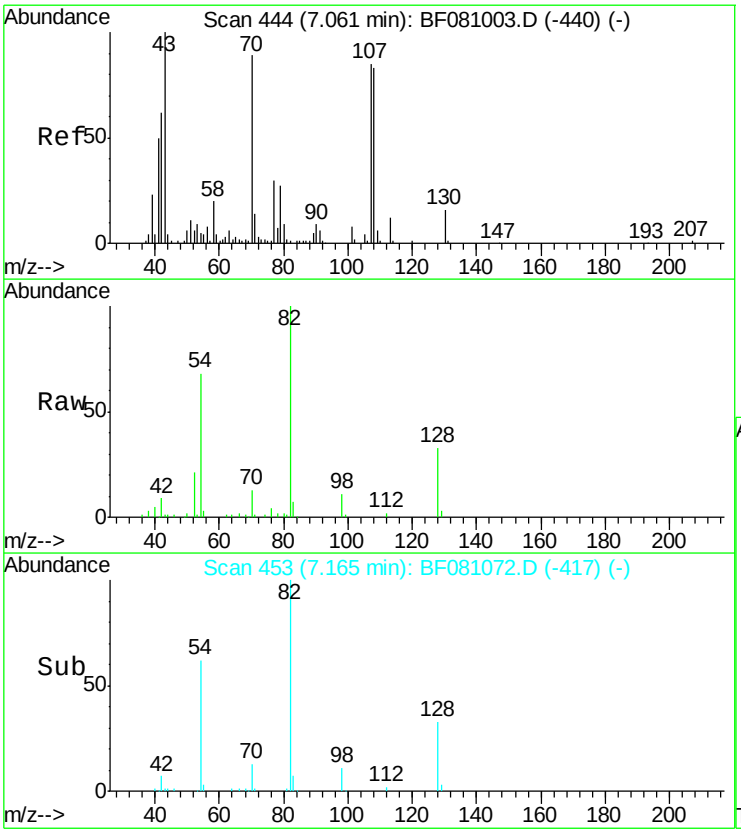

#7
Phenol-d6
Concen: 22.87 ng
RT: 6.24 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion: 99 Resp: 105667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.2 | 19.6 | 29.4 |
| 71 | 37.1 | 31.2 | 46.8 |

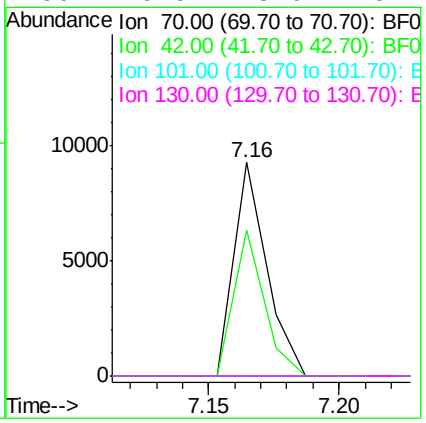


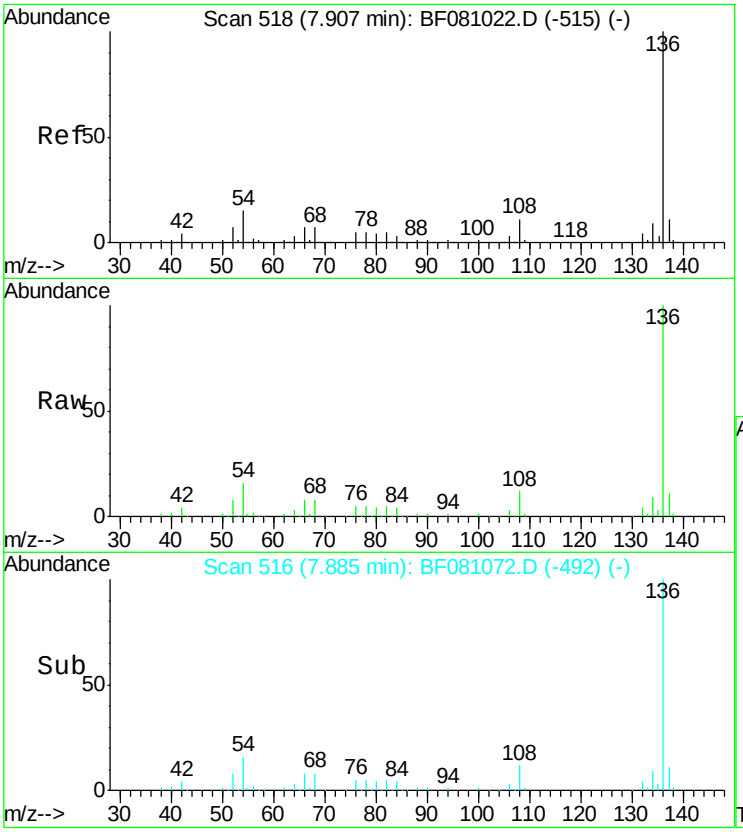




#19
n-Nitroso-di-n-propylamine
Concen: 2.56 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.11 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion: 70 Resp: 8188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.4 | 65.0 | 97.4 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 0.0 | 13.0 | 19.4# |



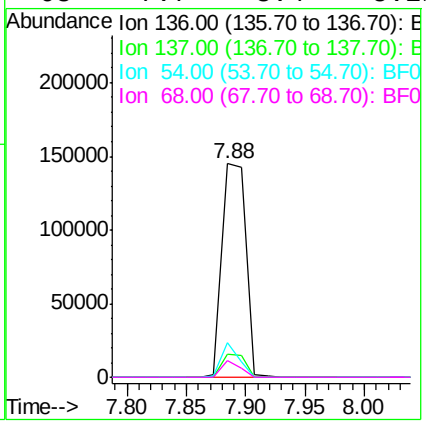


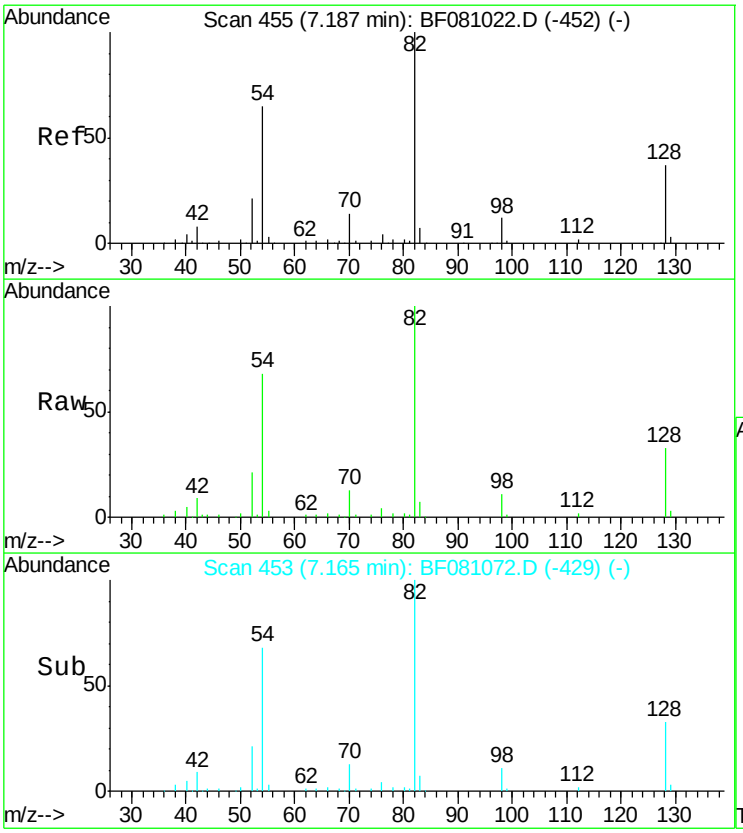

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:136 Resp: 201301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.2 | 12.2 |
| 54 | 16.2 | 7.7 | 11.5# |
| 68 | 7.7 | 3.4 | 5.2# |

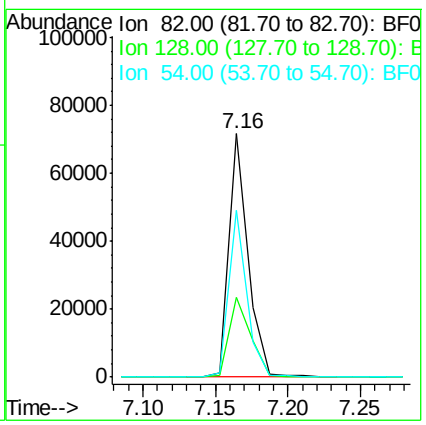


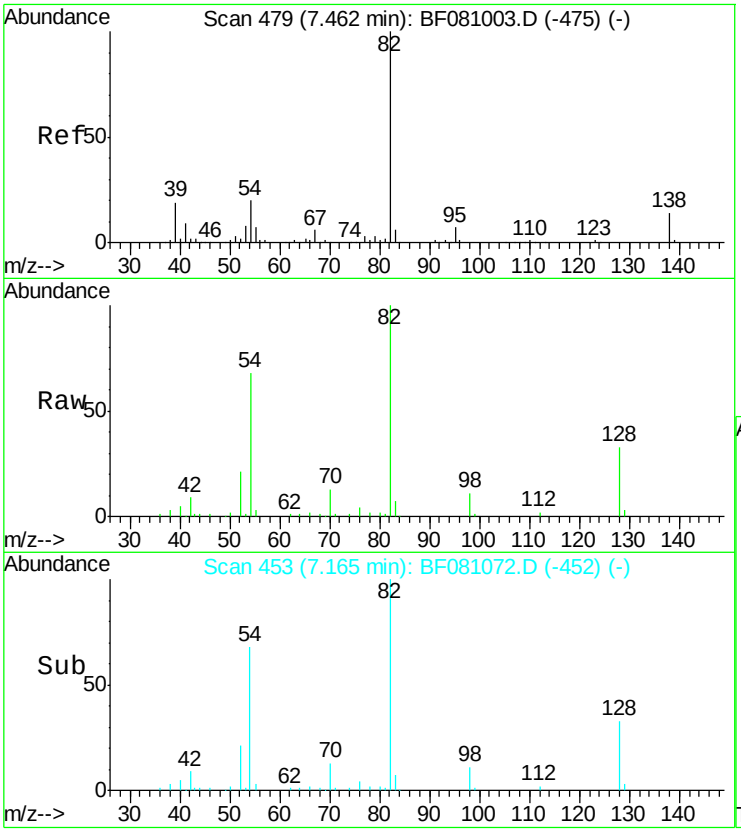




#23
Nitrobenzene-d5
Concen: 14.84 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion: 82 Resp: 65384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.5 | 28.6 | 42.8 |
| 54 | 68.4 | 55.1 | 82.7 |



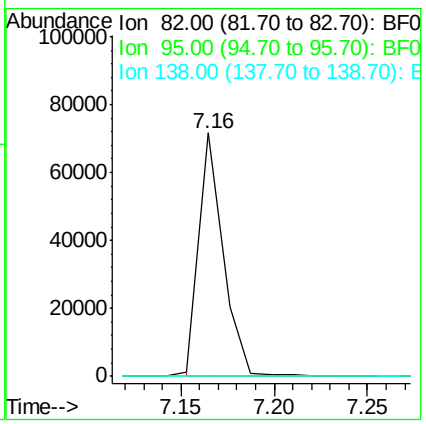


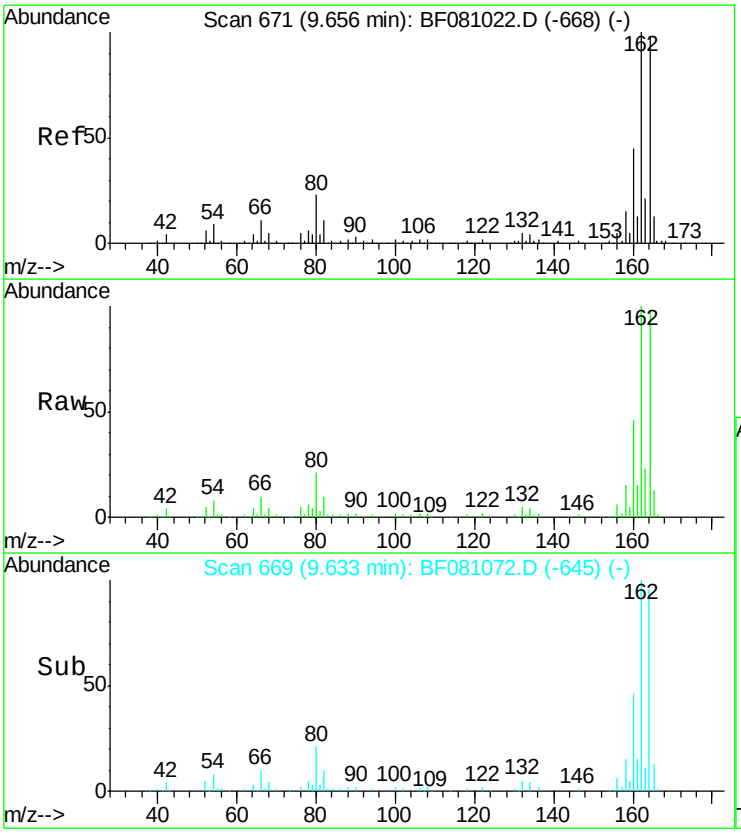

#25
Isophorone
Concen: 7.84 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.29 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion: 82 Resp: 64408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.2 | 9.2# |
| 138 | 0.0 | 10.5 | 15.7# |

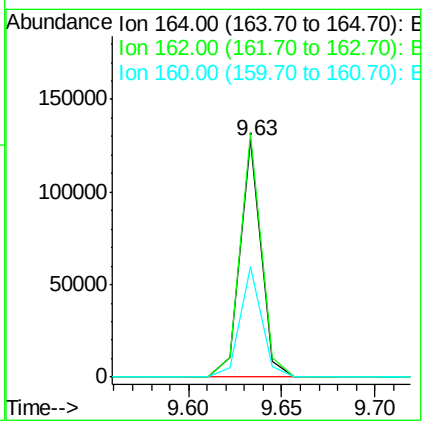


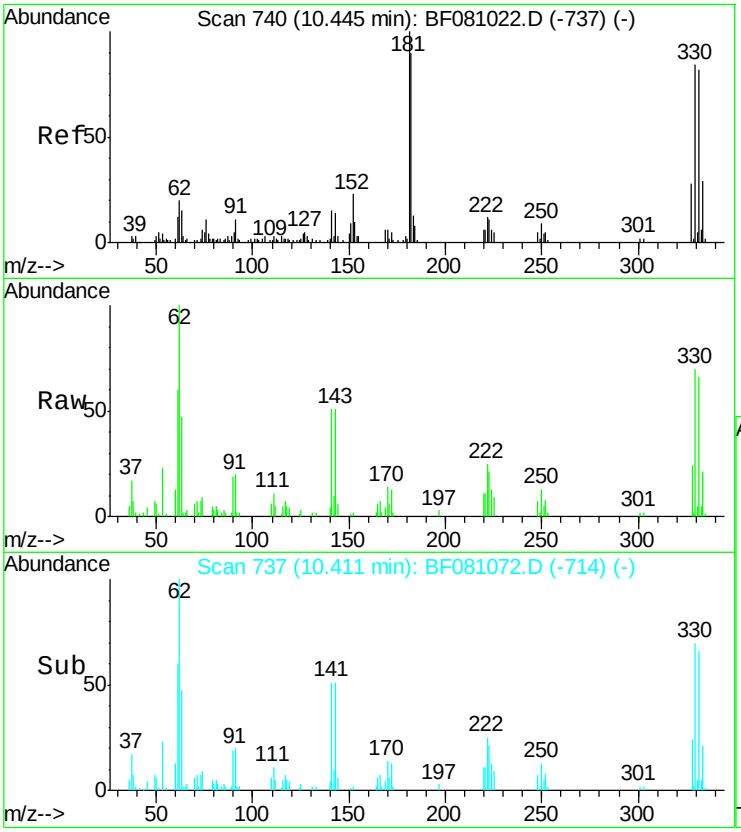




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:164 Resp: 100848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 83.8 | 125.8 |
| 160 | 46.8 | 39.8 | 59.8 |



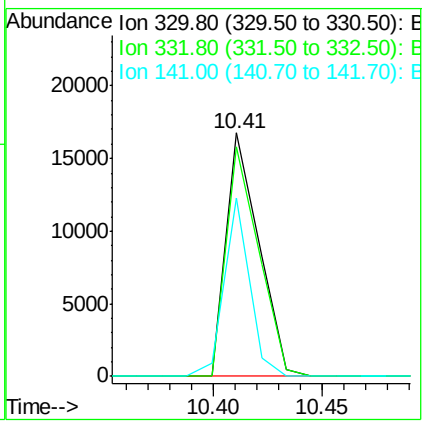


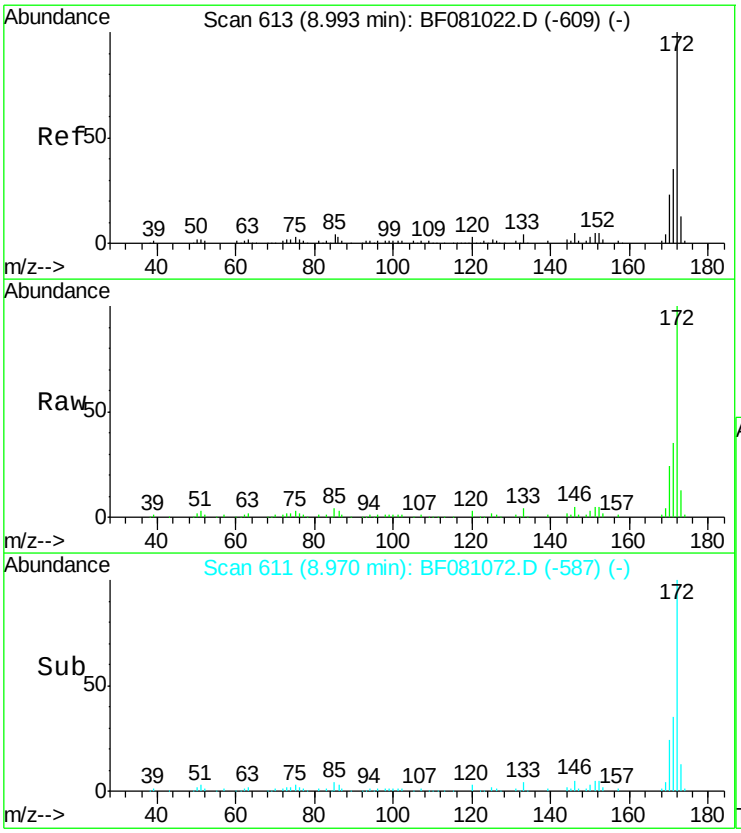

#41
2,4,6-Tribromophenol
Concen: 19.97 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:330 Resp: 17457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.2 | 77.3 | 115.9 |
| 141 | 56.7 | 44.9 | 67.3 |

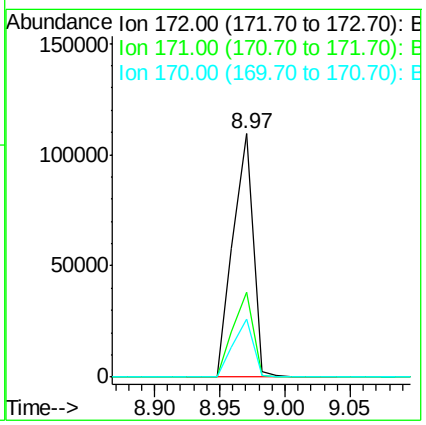


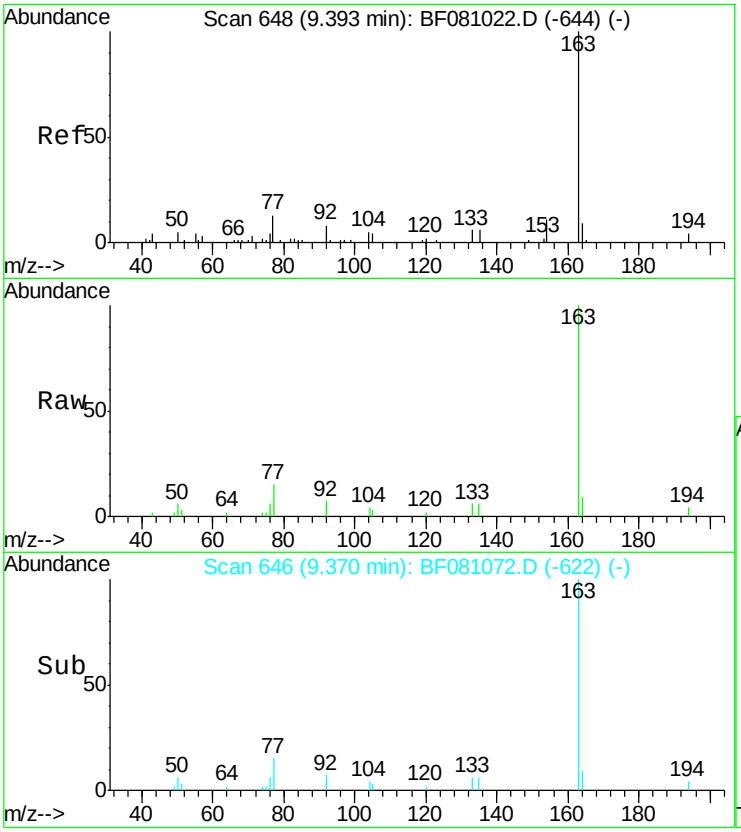




#44
2-Fluorobiphenyl
Concen: 15.25 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:172 Resp: 117386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.9 | 43.3 |
| 170 | 23.9 | 19.4 | 29.2 |



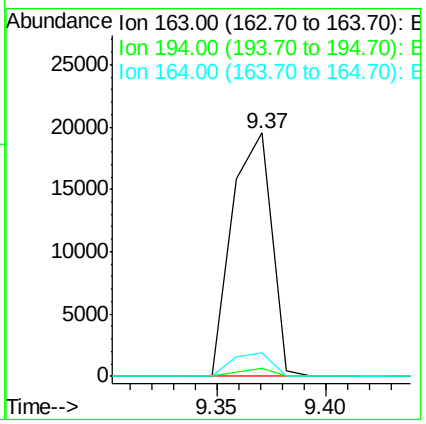


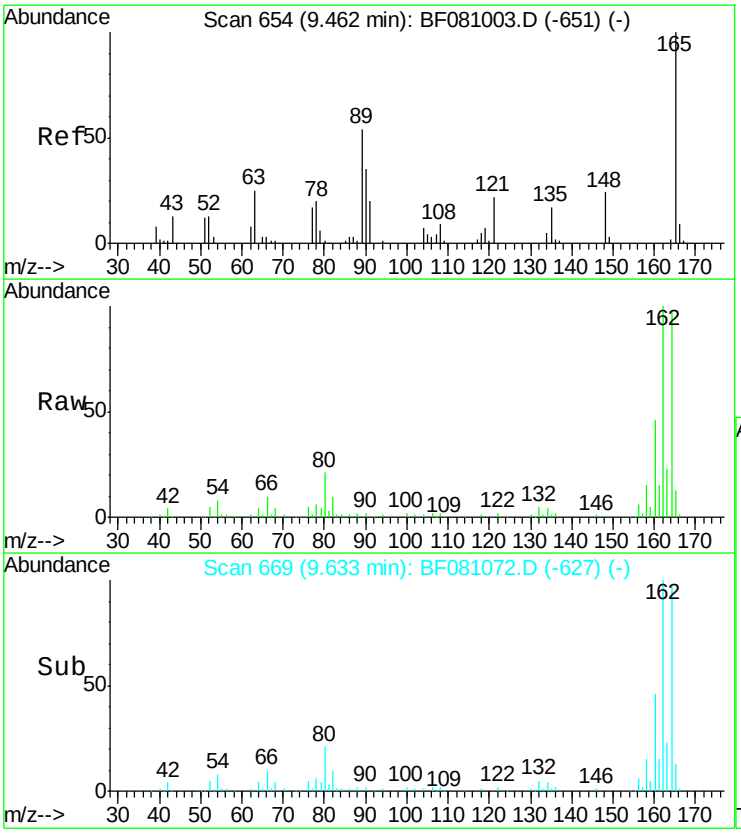

#49
Dimethylphthalate
Concen: 2.96 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:163 Resp: 24599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.5 | 3.7 |
| 164 | 9.4 | 8.1 | 12.1 |

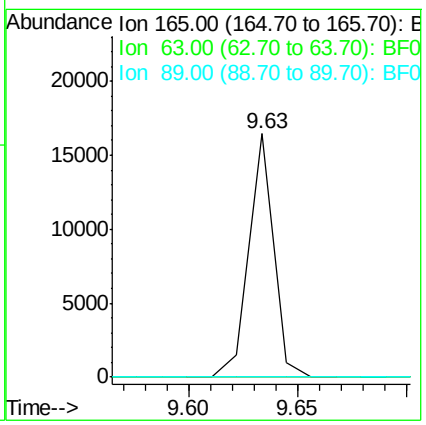


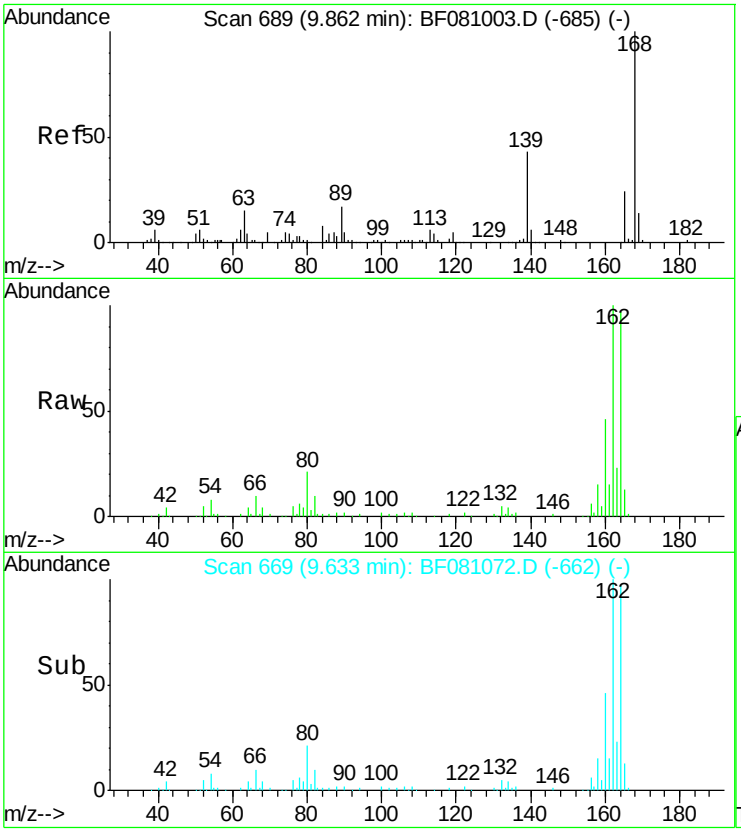




#50
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 9.63 min Scan# 669
Delta R.T. 0.18 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:165 Resp: 12993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 49.5 | 74.3# |
| 89 | 0.0 | 47.6 | 71.4# |



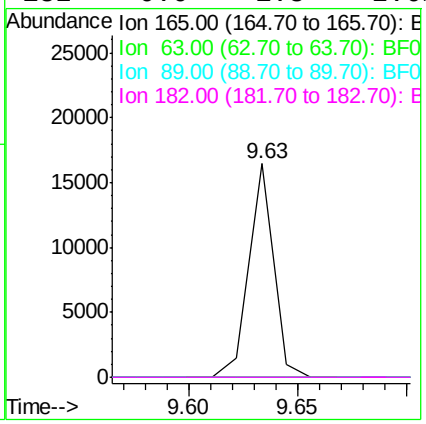


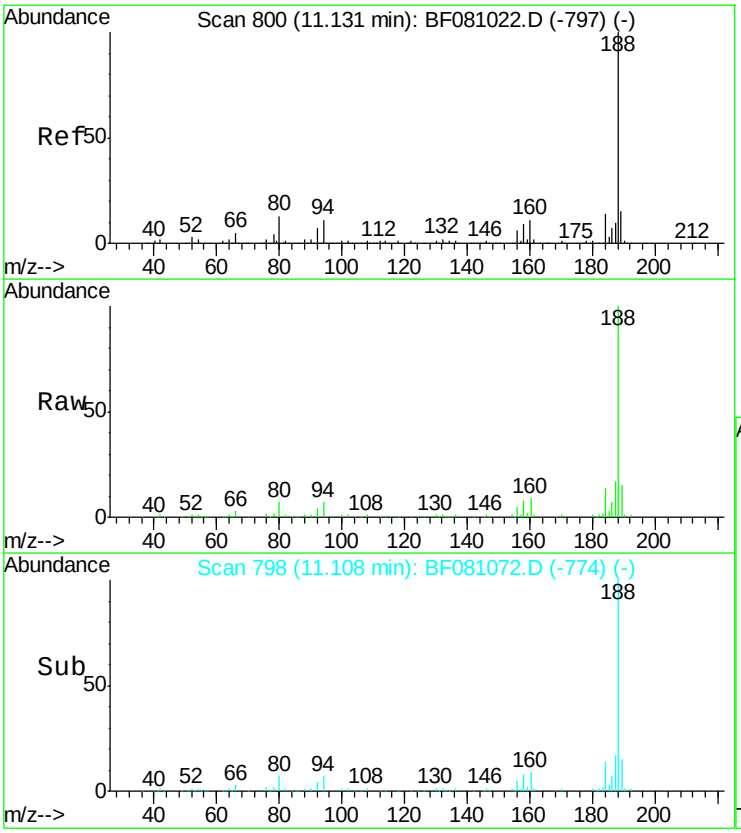

#56
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:165 Resp: 12993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 52.2 | 78.4# |
| 89 | 0.0 | 60.1 | 90.1# |
| 182 | 0.0 | 1.8 | 2.6# |

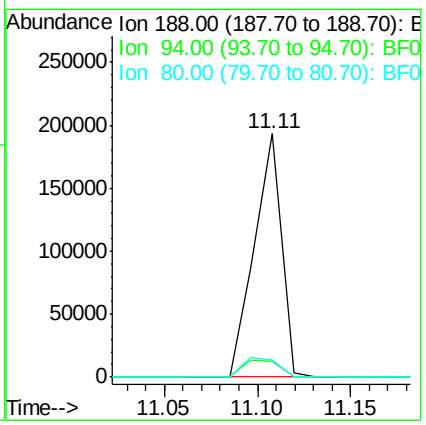


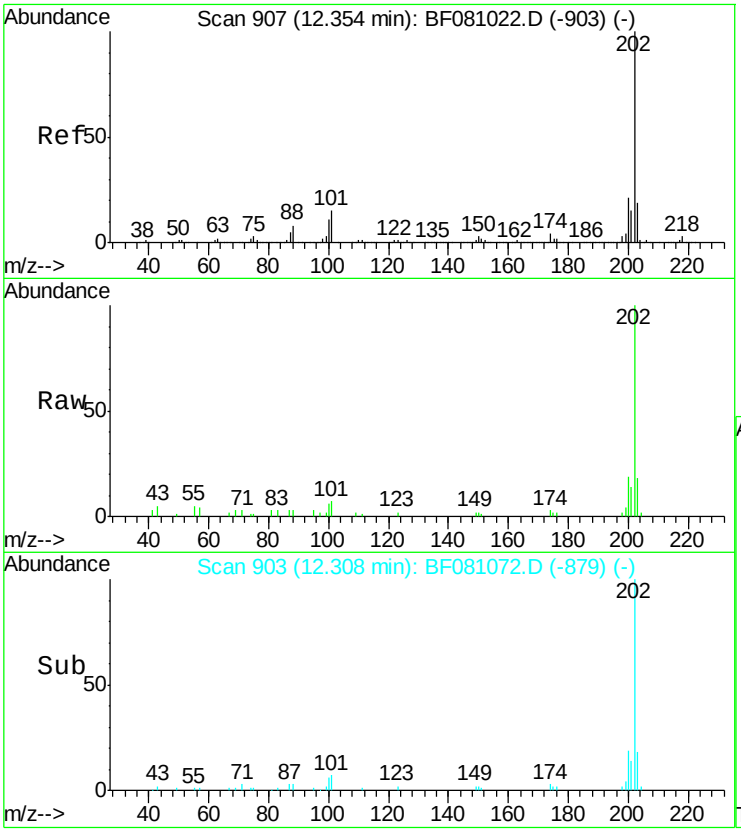




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:188 Resp: 194846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 8.2 | 12.2# |
| 80 | 6.9 | 9.5 | 14.3# |



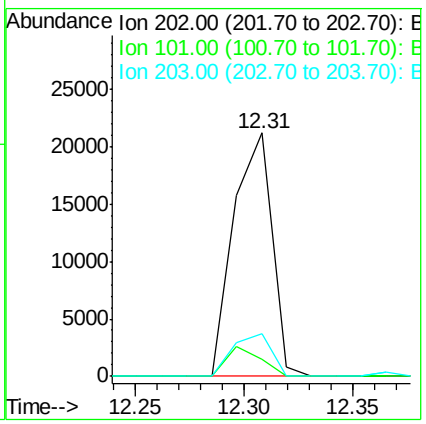


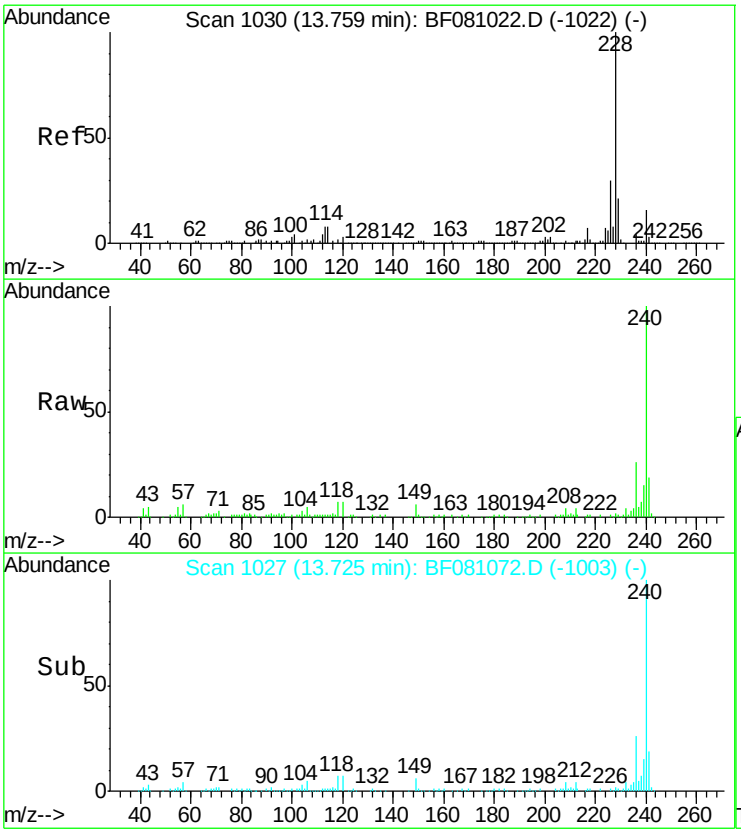

#74
Fluoranthene
Concen: 2.08 ng
RT: 12.31 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:202 Resp: 25947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 0.0 | 24.8 |
| 203 | 17.7 | 0.0 | 36.9 |

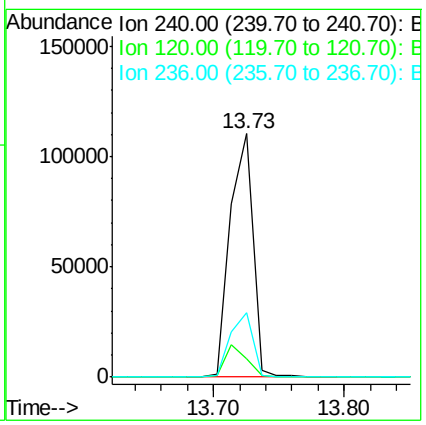


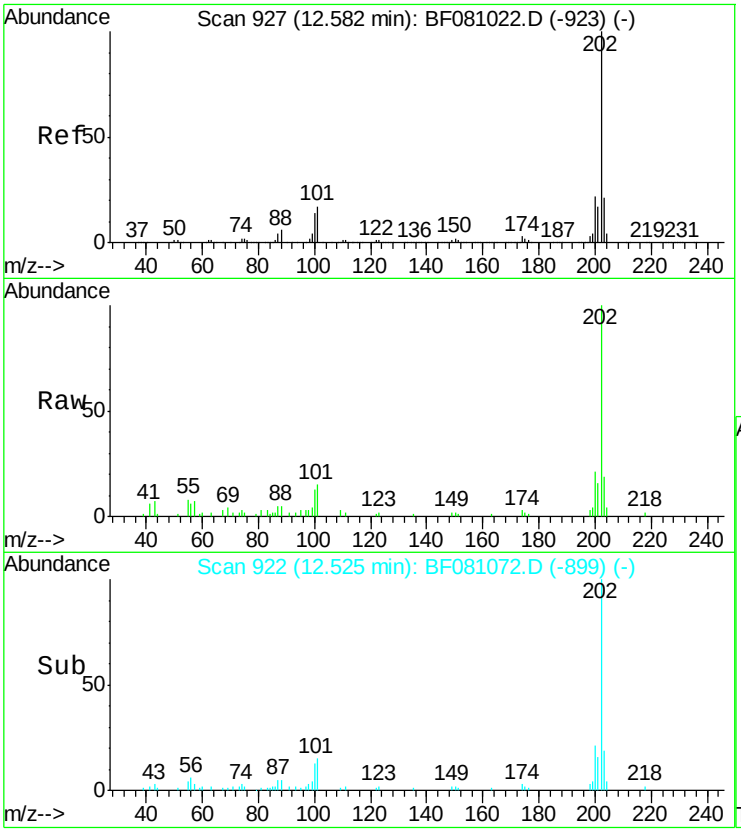




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:240 Resp: 133936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.5 | 5.6 | 8.4 |
| 236 | 26.2 | 20.6 | 30.8 |



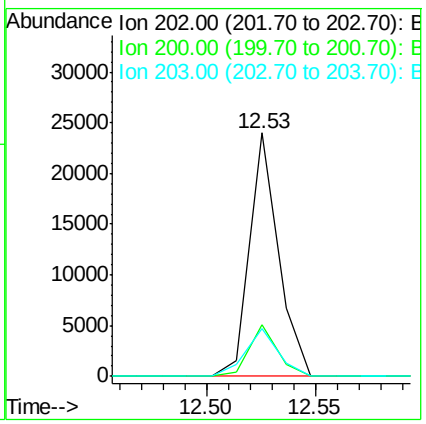


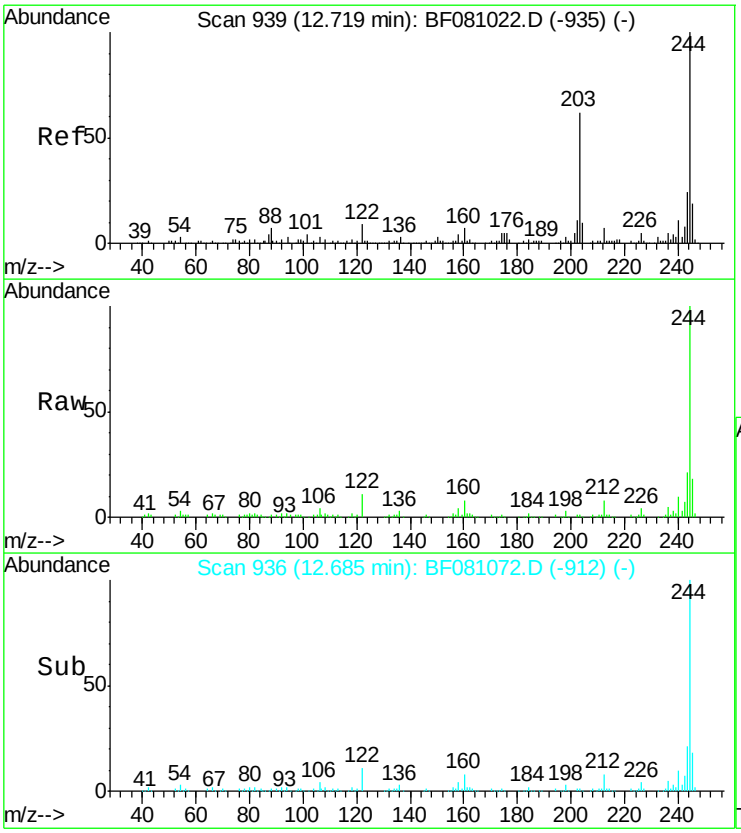

#77
Pyrene
Concen: 2.03 ng
RT: 12.53 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:202 Resp: 22149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.6 | 24.8 |
| 203 | 19.5 | 14.1 | 21.1 |

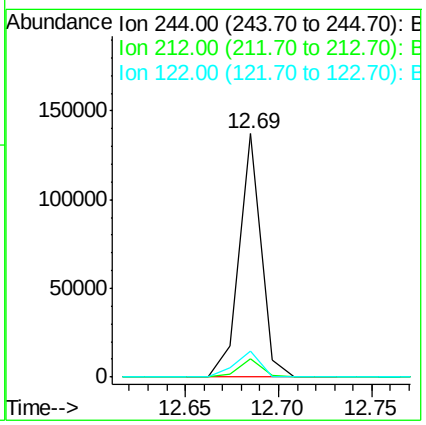


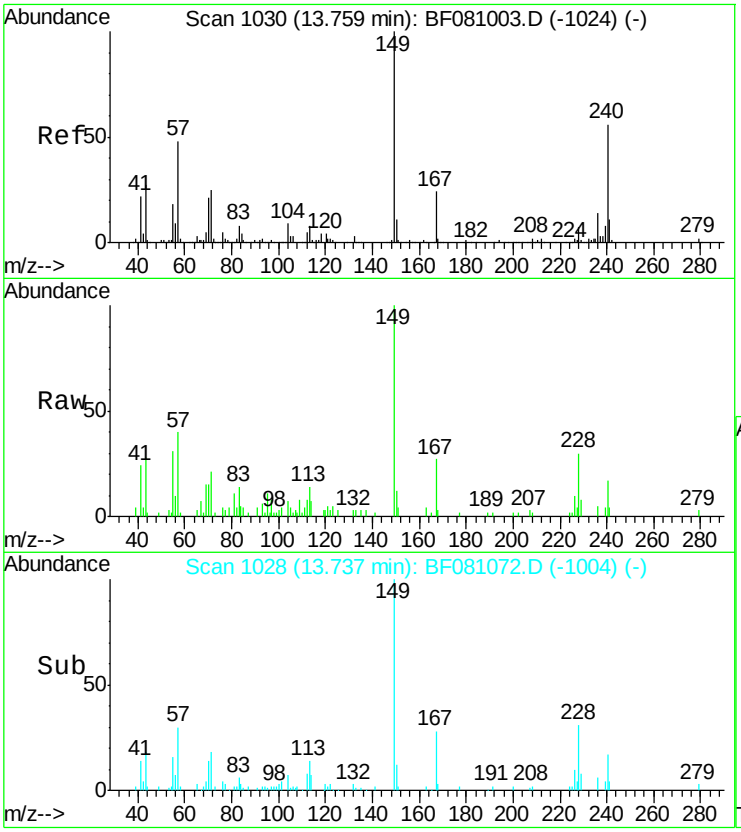




#78
Terphenyl-d14
Concen: 18.07 ng
RT: 12.69 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:244 Resp: 112921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 5.8 | 8.8 |
| 122 | 10.8 | 8.2 | 12.4 |



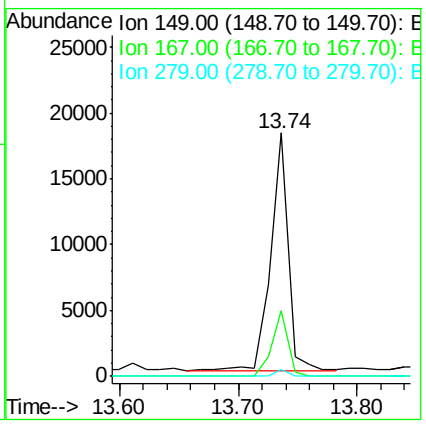


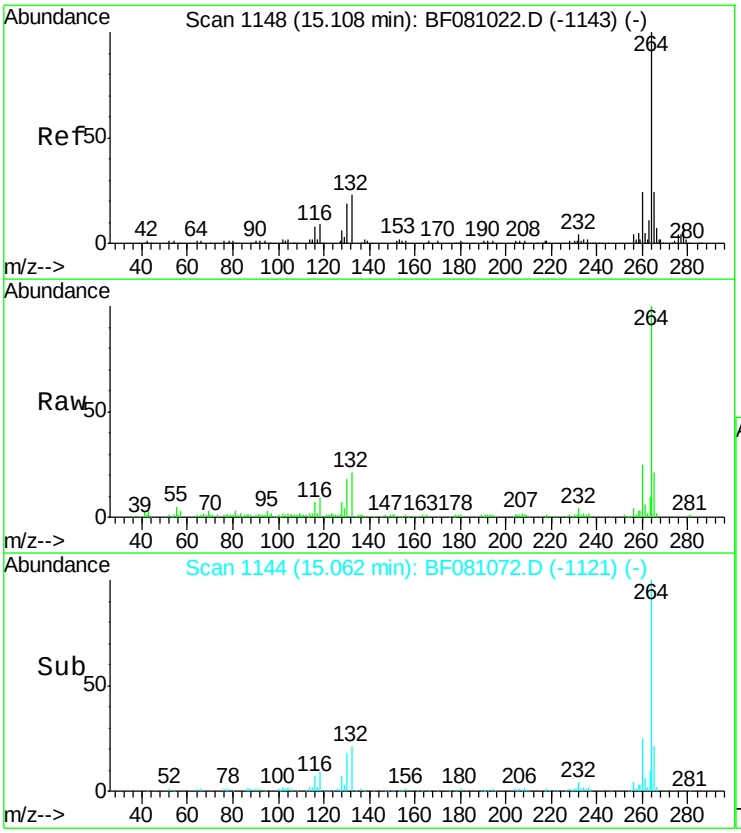

#83
Bis(2-ethylhexyl)phthalate
Concen: 3.08 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:149 Resp: 18471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 20.7 | 31.1 |
| 279 | 3.0 | 2.2 | 3.4 |

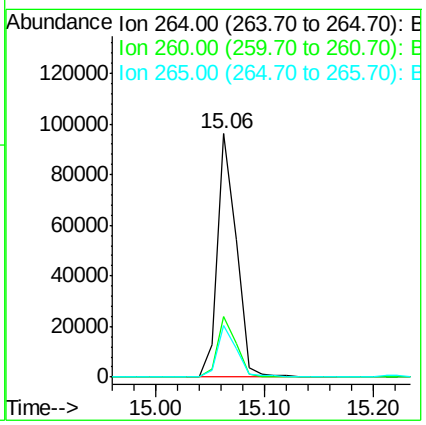


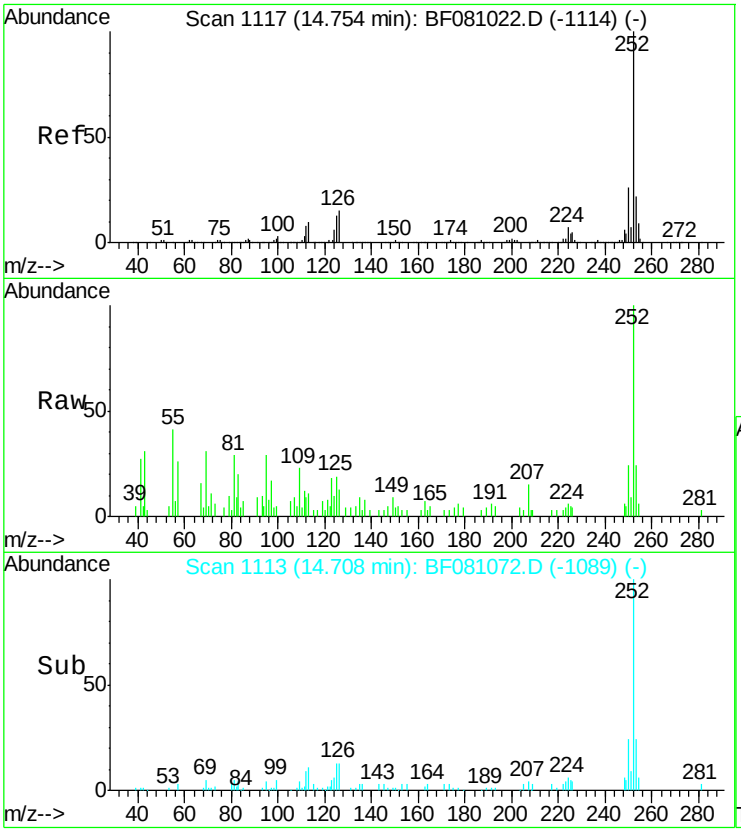




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:264 Resp: 116623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.6 | 29.4 |
| 265 | 21.4 | 17.5 | 26.3 |



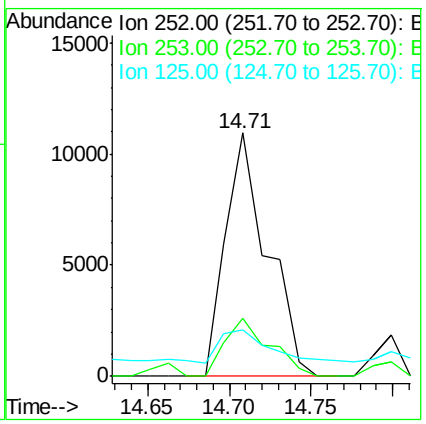


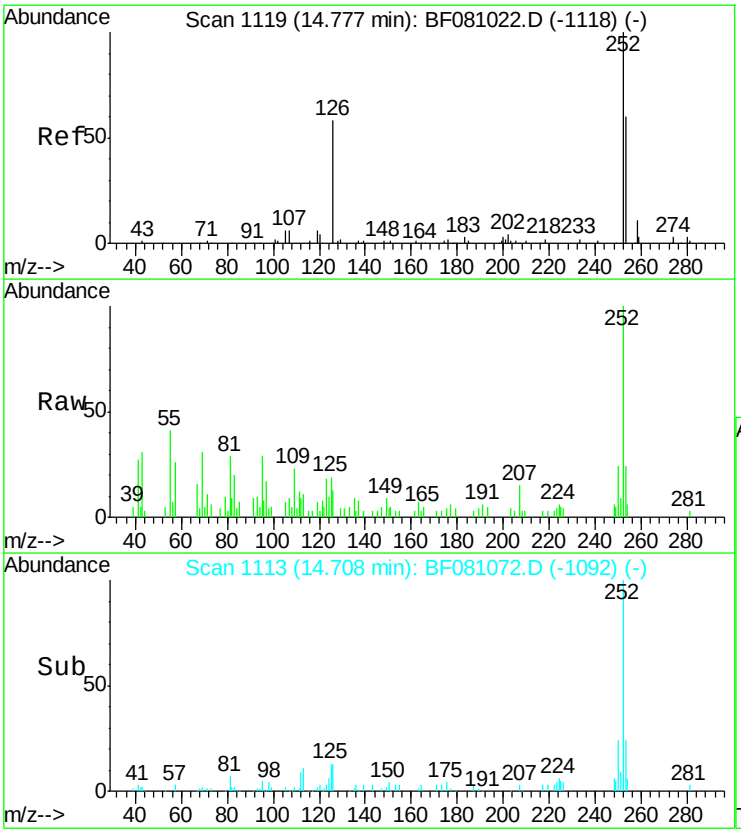

#87
Benzo(b)fluoranthene
Concen: 2.35 ng
RT: 14.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

**Instrument :**
BNA_F
**ClientSampleId :**
RAMPB-T(0-2)-5

Tgt Ion:252 Resp: 19366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.1 | 25.7 |
| 125 | 19.2 | 8.0 | 12.0# |




#88
Benzo(k)fluoranthene
Concen: 2.52 ng
RT: 14.71 min Scan# 1113
Delta R.T. -0.06 min
Lab File: BF081072.D
Acq: 19 Aug 2015 7:59

Tgt Ion:252 Resp: 19366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.6 | 26.4 |
| 125 | 19.2 | 10.3 | 15.5# |