Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088602.D
Acq On : 2 Jul 2016 5:01
Operator : UM/SJ
Sample : H3831-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-07-COMP

Quant Time: Jul 02 05:41:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 02:24:16 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.81 | 152 | 131107 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 477620 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 195359 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 315992 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.94 | 240 | 242928 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.35 | 264 | 202973 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 1142214 | 130.57 | ng | 0.02 |
| 7) Phenol-d6 | 6.44 | 99 | 1207454 | 106.82 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 790526 | 86.74 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 206067 | 113.59 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.18 | 172 | 1380720 | 111.64 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 873010 | 80.04 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.46 | 94 | 40201 | 3.12 | ng | 85 |
| 49) Dimethylphthalate | 9.56 | 163 | 111293 | 8.00 | ng | 99 |

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

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Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_F
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SB-07-COMP

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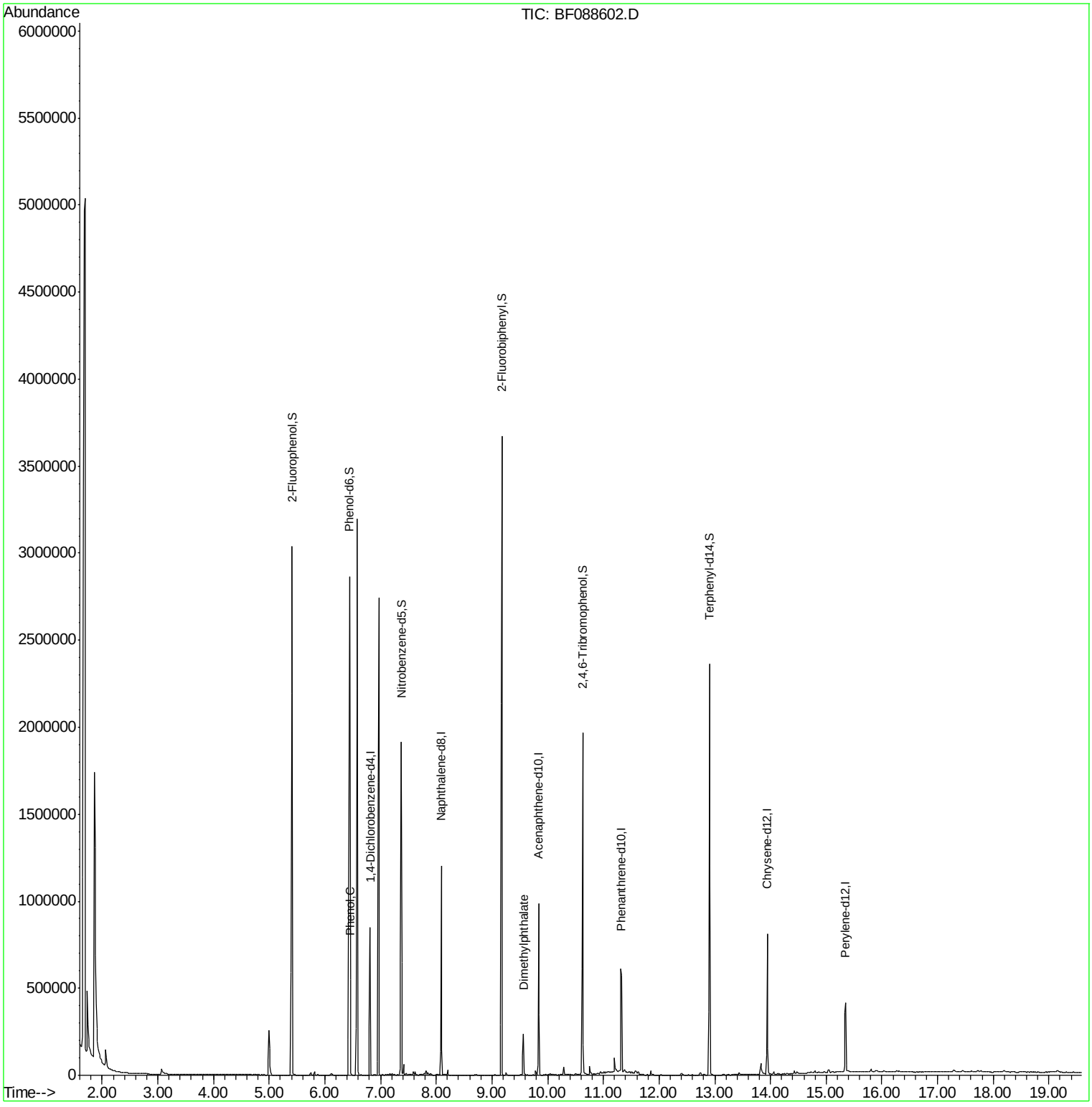
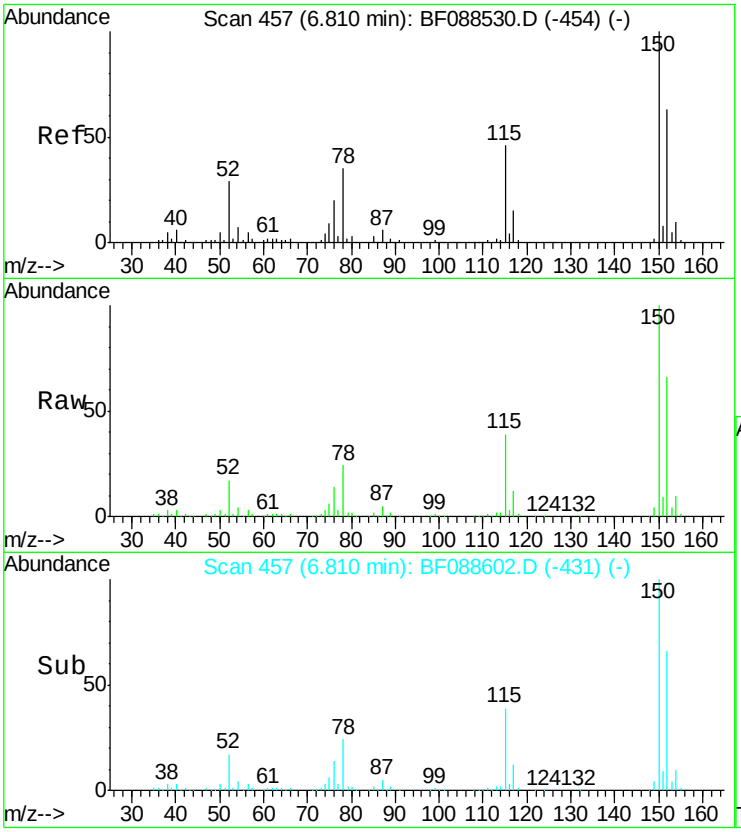


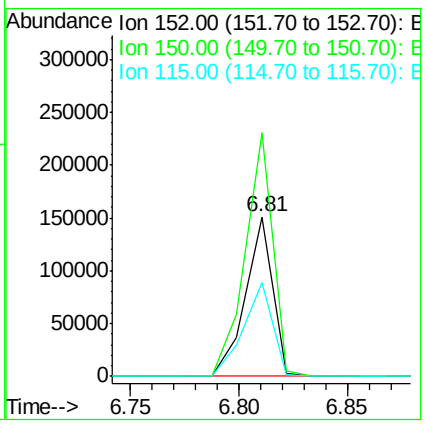


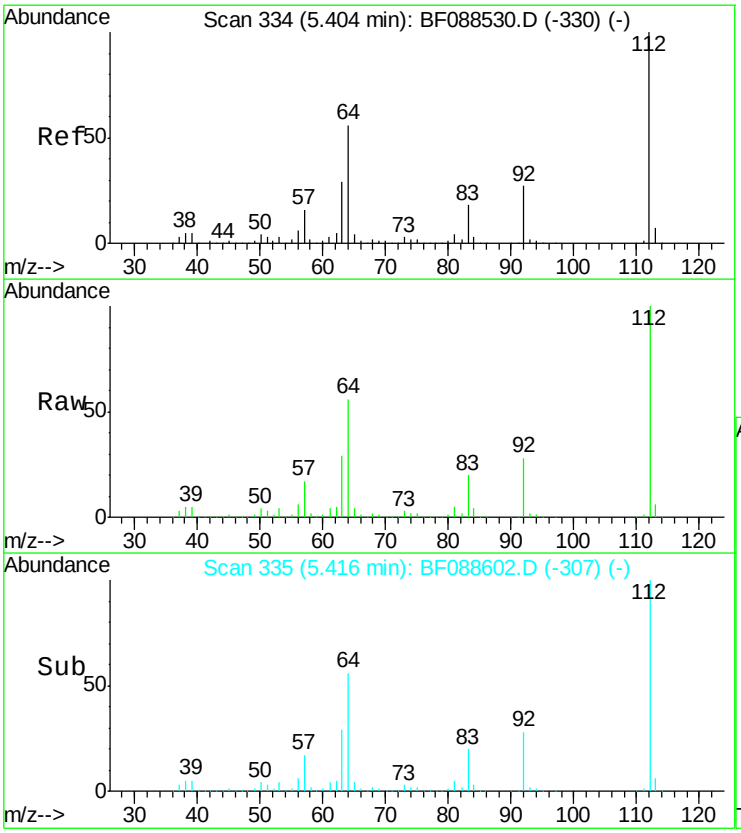

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:152 Resp: 131107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.7 | 123.8 | 185.6 |
| 115 | 59.0 | 39.6 | 59.4 |

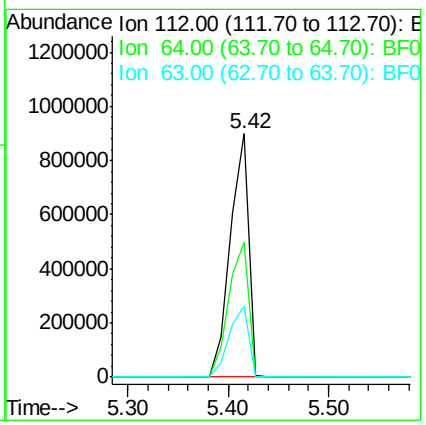


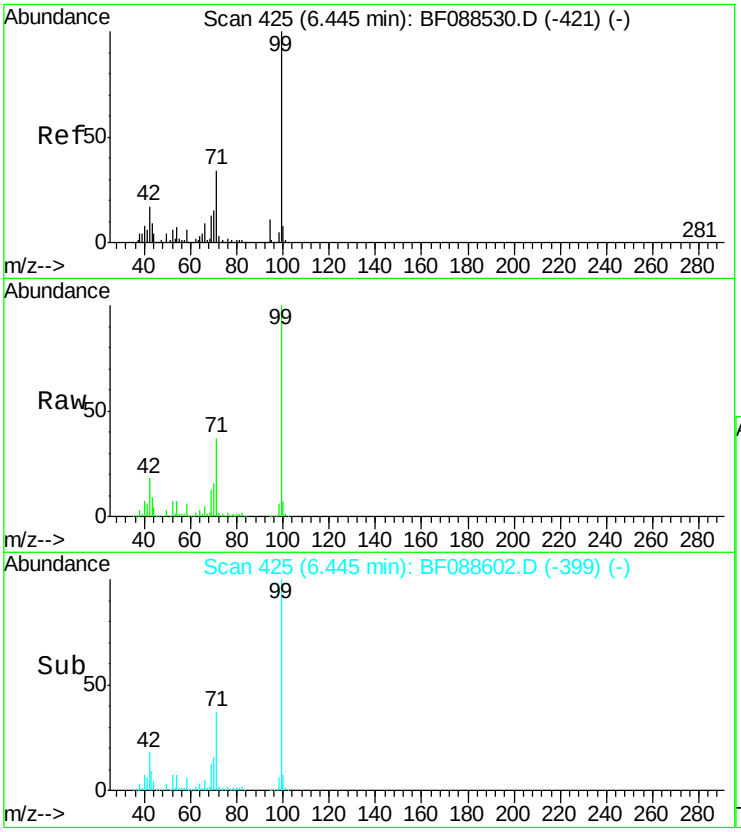




#5
2-Fluorophenol
Concen: 130.57 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.02 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:112 Resp: 1142214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.6 | 42.2 | 63.2 |
| 63 | 29.3 | 21.8 | 32.8 |



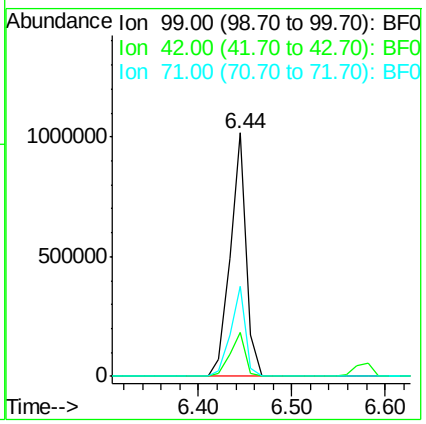


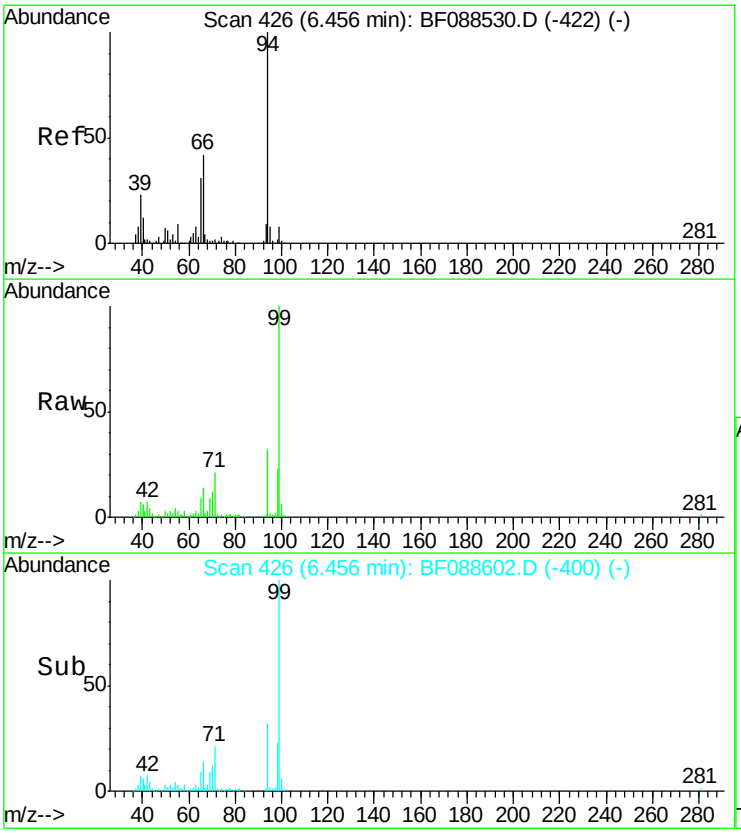

#7
Phenol-d6
Concen: 106.82 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion: 99 Resp: 1207454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 12.2 | 18.2 |
| 71 | 36.9 | 23.4 | 35.0# |

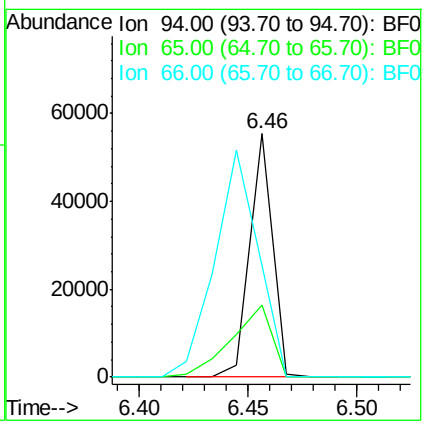


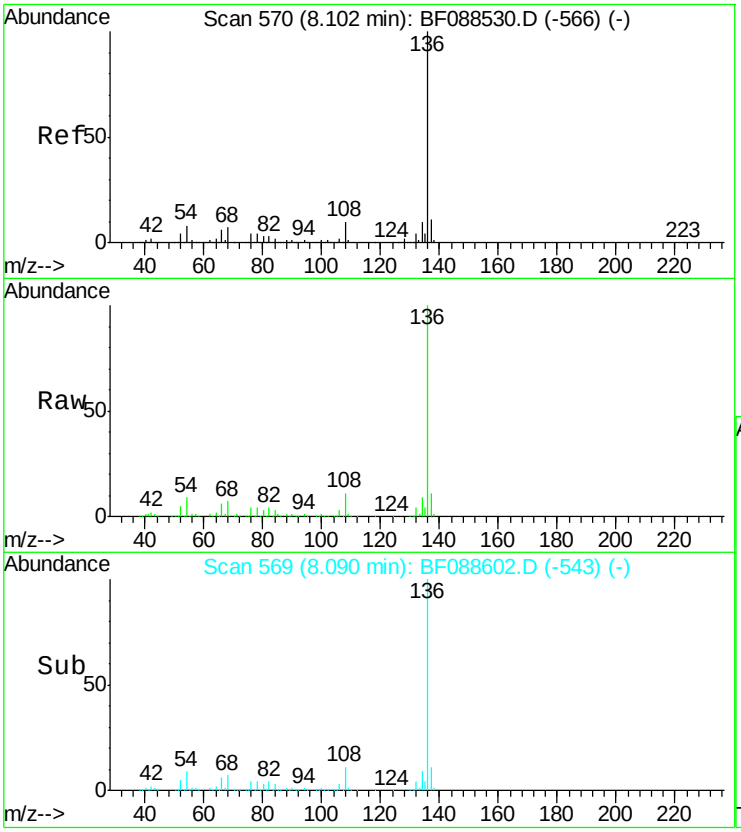




#10
Phenol
Concen: 3.12 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion: 94 Resp: 40201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.8 | 5.9 | 45.9 |
| 66 | 45.7 | 14.0 | 54.0 |



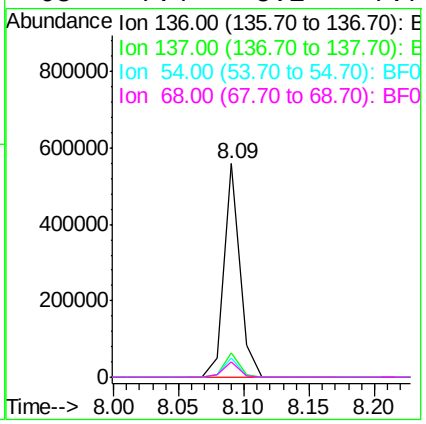


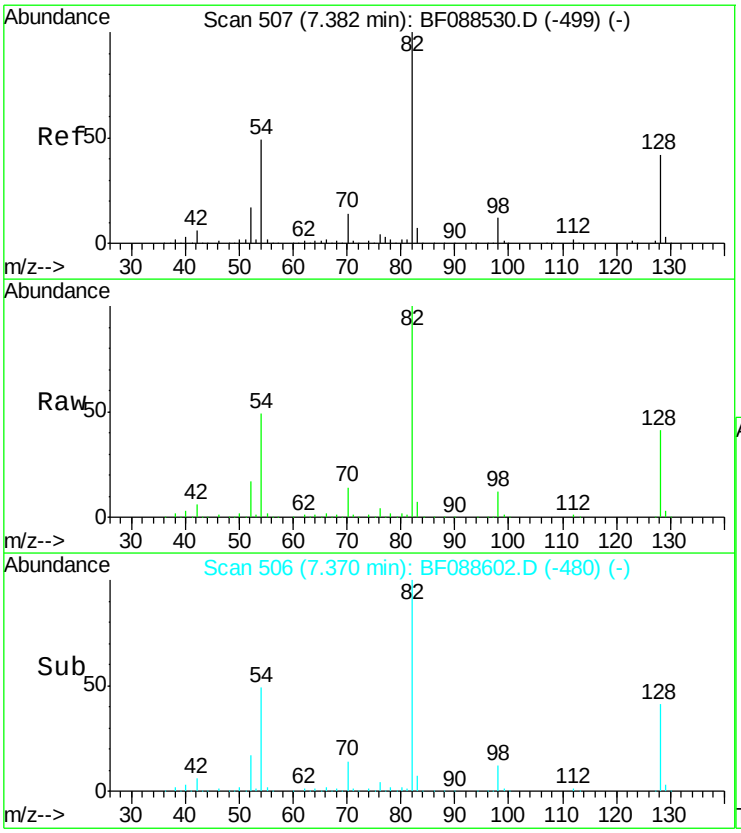

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:136 Resp: 477620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 9.0 | 6.6 | 10.0 |
| 68 | 7.4 | 5.1 | 7.7 |

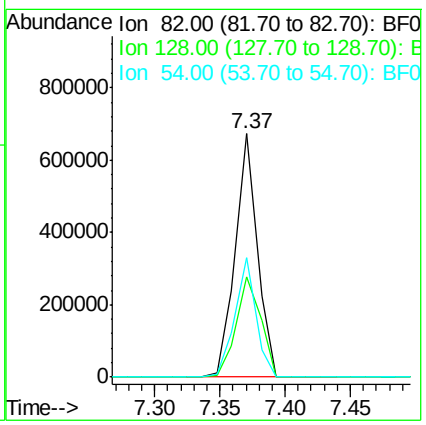


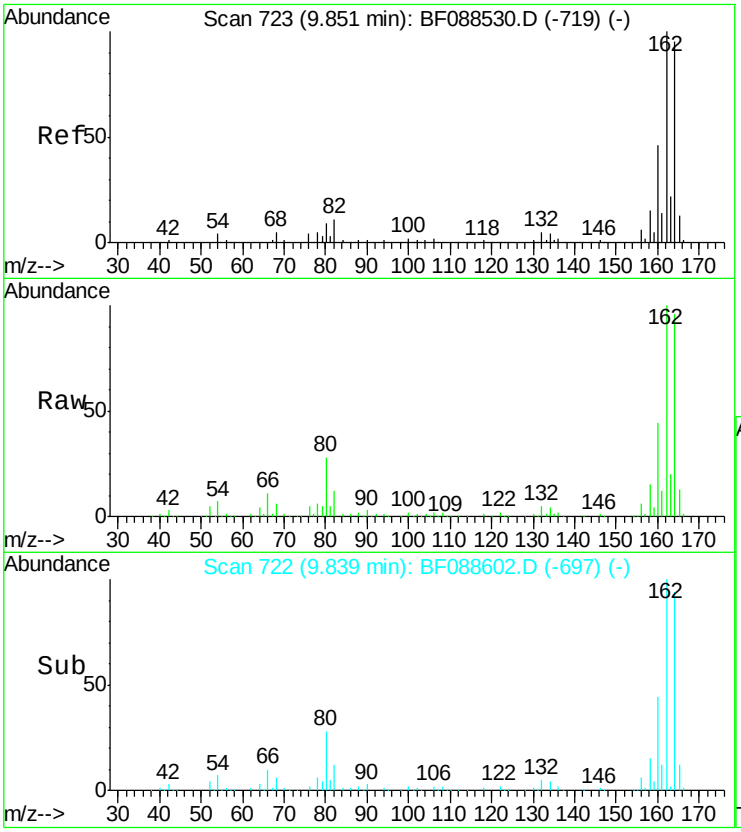




#23
Nitrobenzene-d5
Concen: 86.74 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion: 82 Resp: 790526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 35.9 | 53.9 |
| 54 | 49.0 | 40.9 | 61.3 |



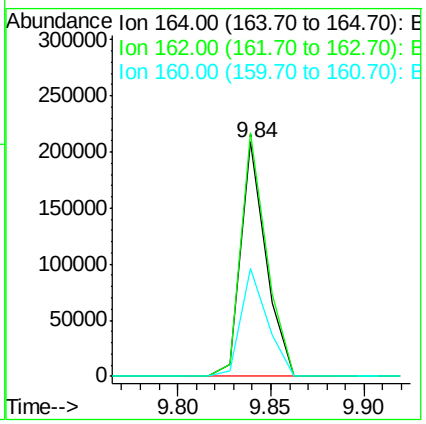


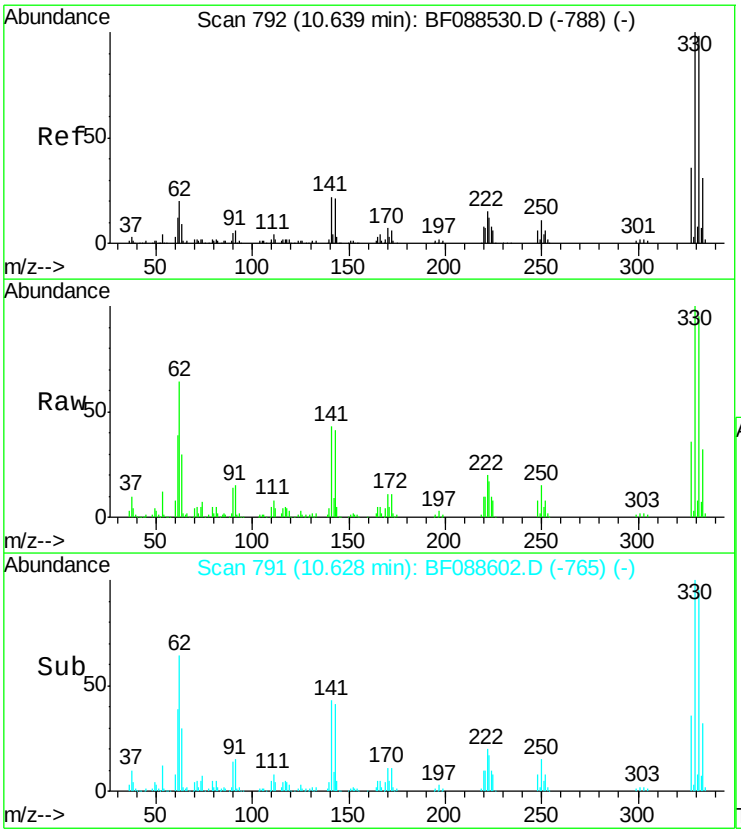

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:164 Resp: 195359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 85.4 | 128.2 |
| 160 | 46.1 | 39.5 | 59.3 |

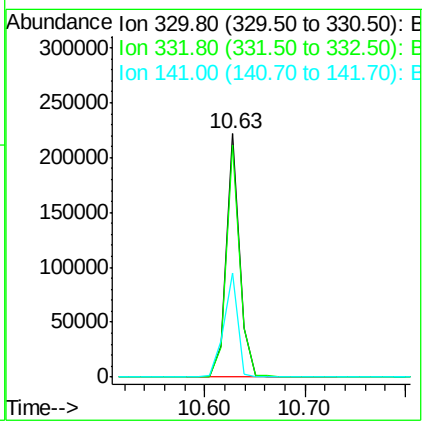


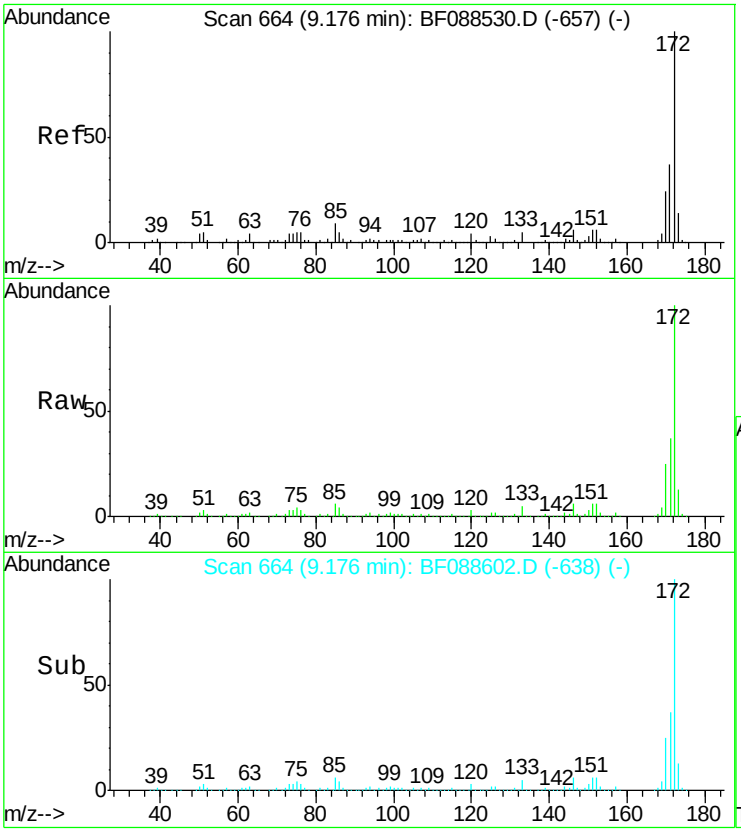




#41
2,4,6-Tribromophenol
Concen: 113.59 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:330 Resp: 206067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 0.0 | 0.0# |
| 141 | 44.2 | 0.0 | 0.0# |



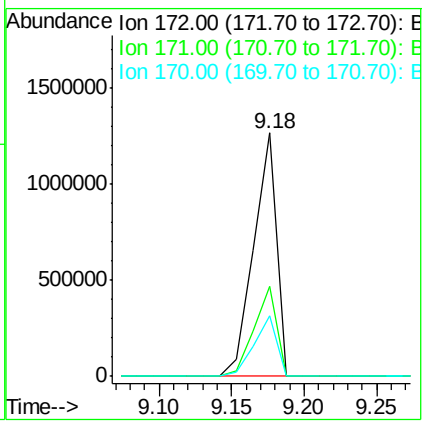


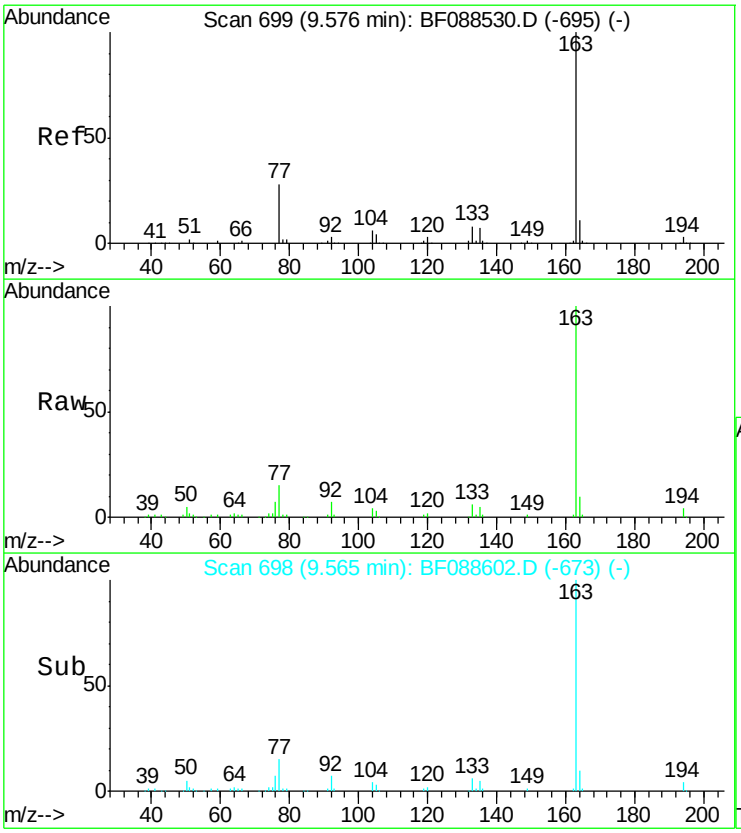

#44
2-Fluorobiphenyl
Concen: 111.64 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:172 Resp: 1380720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 28.6 | 43.0 |
| 170 | 24.6 | 19.2 | 28.8 |

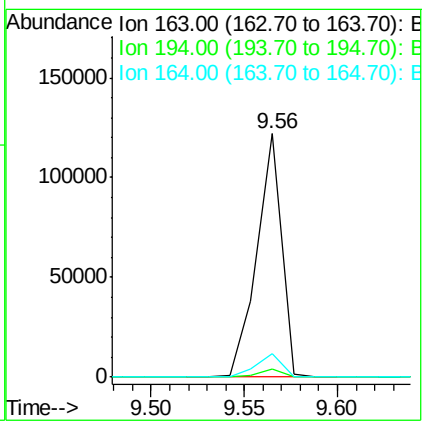


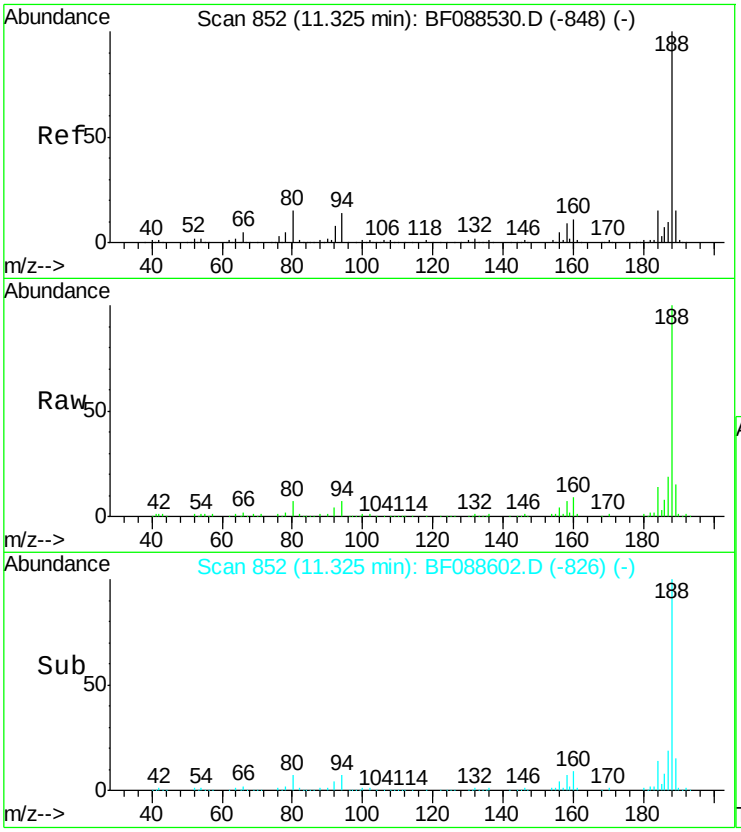




#49
Dimethylphthalate
Concen: 8.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:163 Resp: 111293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.8 | 4.2 |
| 164 | 9.9 | 8.3 | 12.5 |



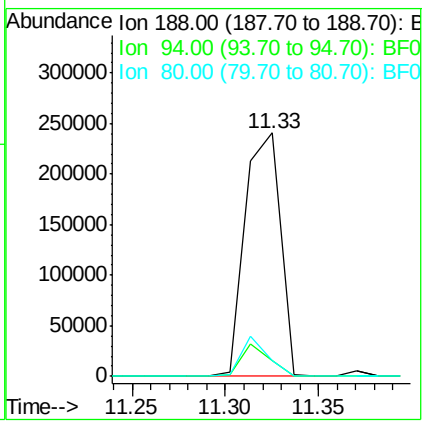


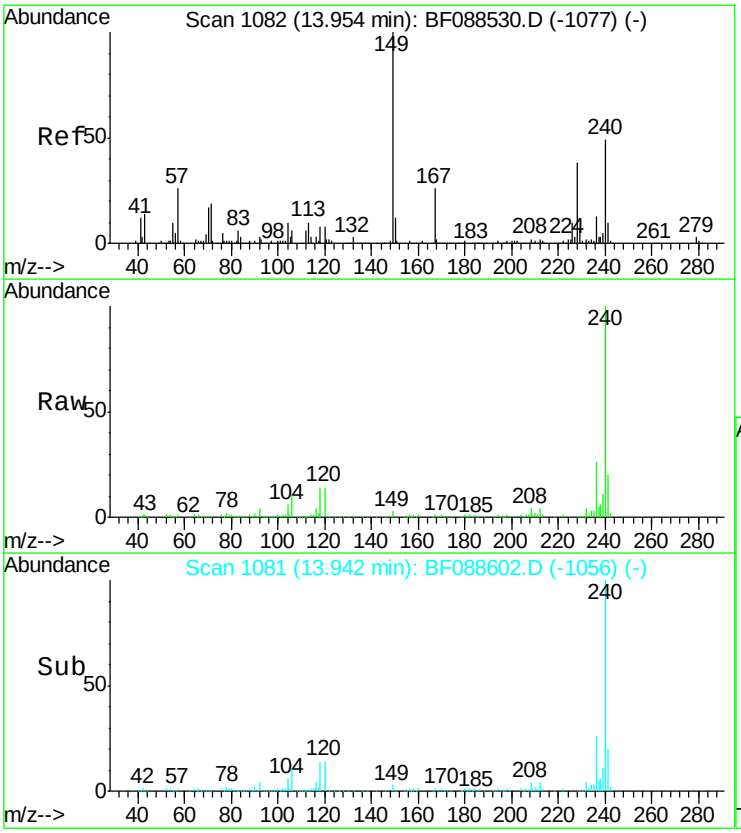

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:188 Resp: 315992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.6 | 9.0 | 13.6# |
| 80 | 6.7 | 10.0 | 15.0# |

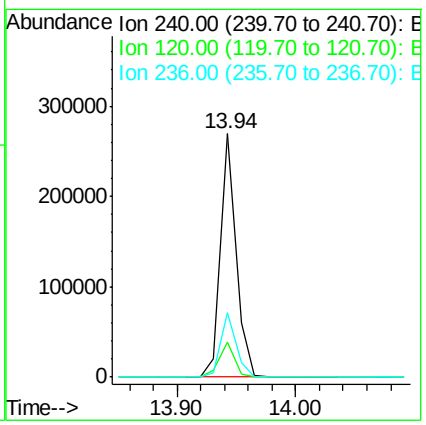


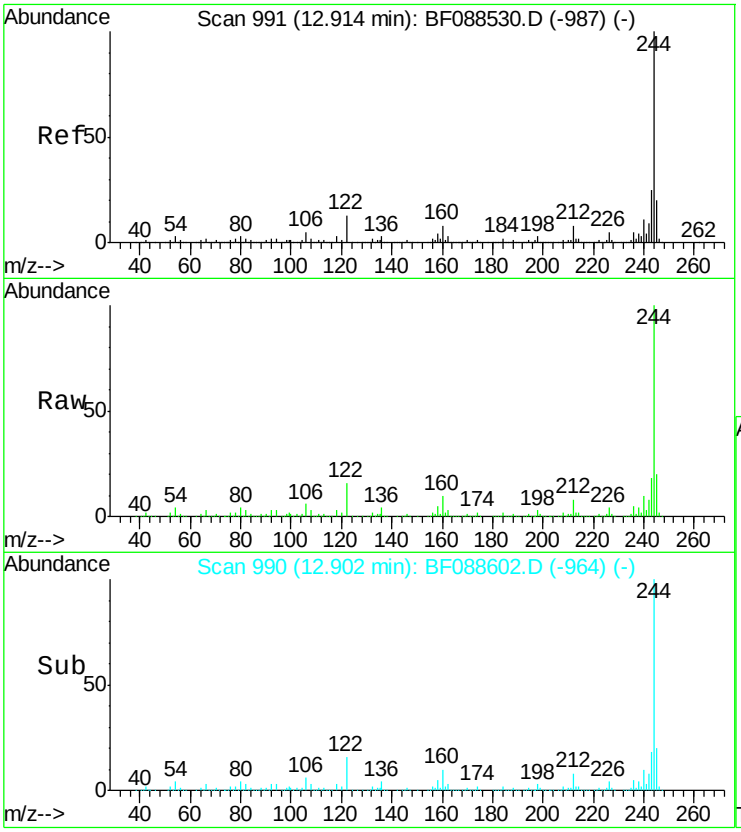




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:240 Resp: 242928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.3 | 6.8 | 10.2# |
| 236 | 26.4 | 20.2 | 30.2 |



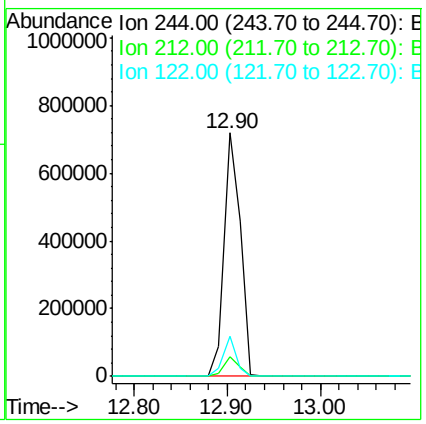


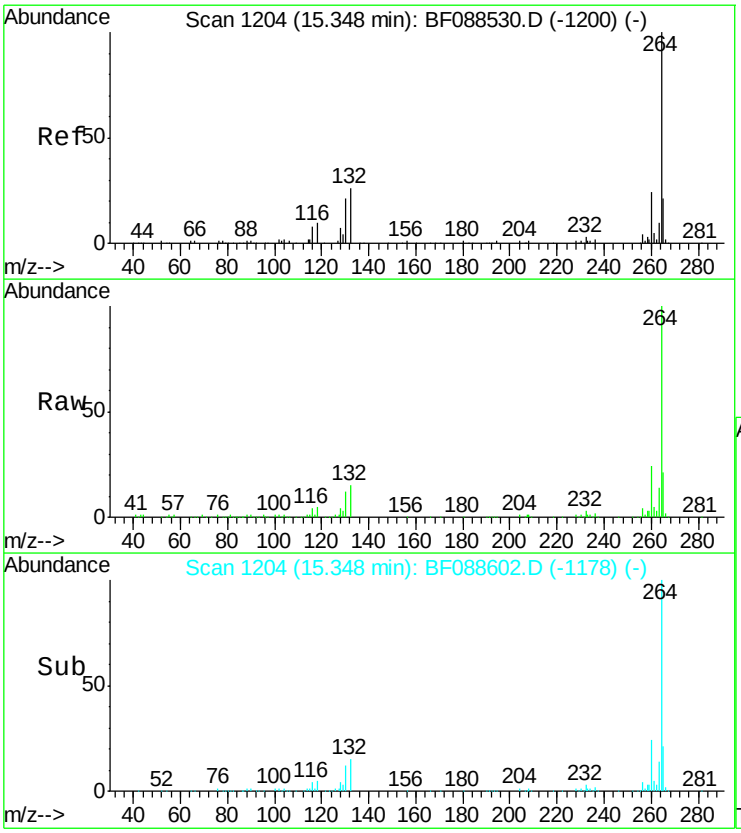

#78
Terphenyl-d14
Concen: 80.04 ng
RT: 12.90 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

**Instrument :**
BNA_F
**ClientSampleId :**
SB-07-COMP

Tgt Ion:244 Resp: 873010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.0 | 9.0 |
| 122 | 16.3 | 11.2 | 16.8 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:264 Resp: 202973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.2 | 28.8 |
| 265 | 21.4 | 16.9 | 25.3 |