Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080239.D
Acq On : 30 Jun 2015 16:36
Operator : TP/IZ
Sample : G2815-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SWD-1

Quant Time: Jul 01 02:54:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.28 | 152 | 35069 | 20.00 | ng | -0.05 |
| 21) Naphthalene-d8 | 8.57 | 136 | 139762 | 20.00 | ng | -0.05 |
| 38) Acenaphthene-d10 | 10.34 | 164 | 75387 | 20.00 | ng | -0.05 |
| 63) Phenanthrene-d10 | 11.85 | 188 | 149267 | 20.00 | ng | -0.06 |
| 75) Chrysene-d12 | 14.77 | 240 | 155692 | 20.00 | ng | -0.23 |
| 86) Perylene-d12 | 16.61 | 264 | 144308 | 20.00 | ng | -0.32 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.89 | 112 | 121856 | 61.51 | ng | -0.05 |
| 7) Phenol-d6 | 6.88 | 99 | 111818 | 42.41 | ng | -0.05 |
| 23) Nitrobenzene-d5 | 7.84 | 82 | 235179 | 97.96 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 11.14 | 330 | 63920 | 86.71 | ng | -0.03 |
| 44) 2-Fluorobiphenyl | 9.65 | 172 | 476910 | 90.22 | ng | -0.05 |
| 78) Terphenyl-d14 | 13.52 | 244 | 603331 | 90.50 | ng | -0.15 |
| **Target Compounds** | | | | | | Qvalue |

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

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Acq On : 30 Jun 2015 16:36
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Misc :
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**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

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QLast Update : Tue Jun 23 00:53:56 2015
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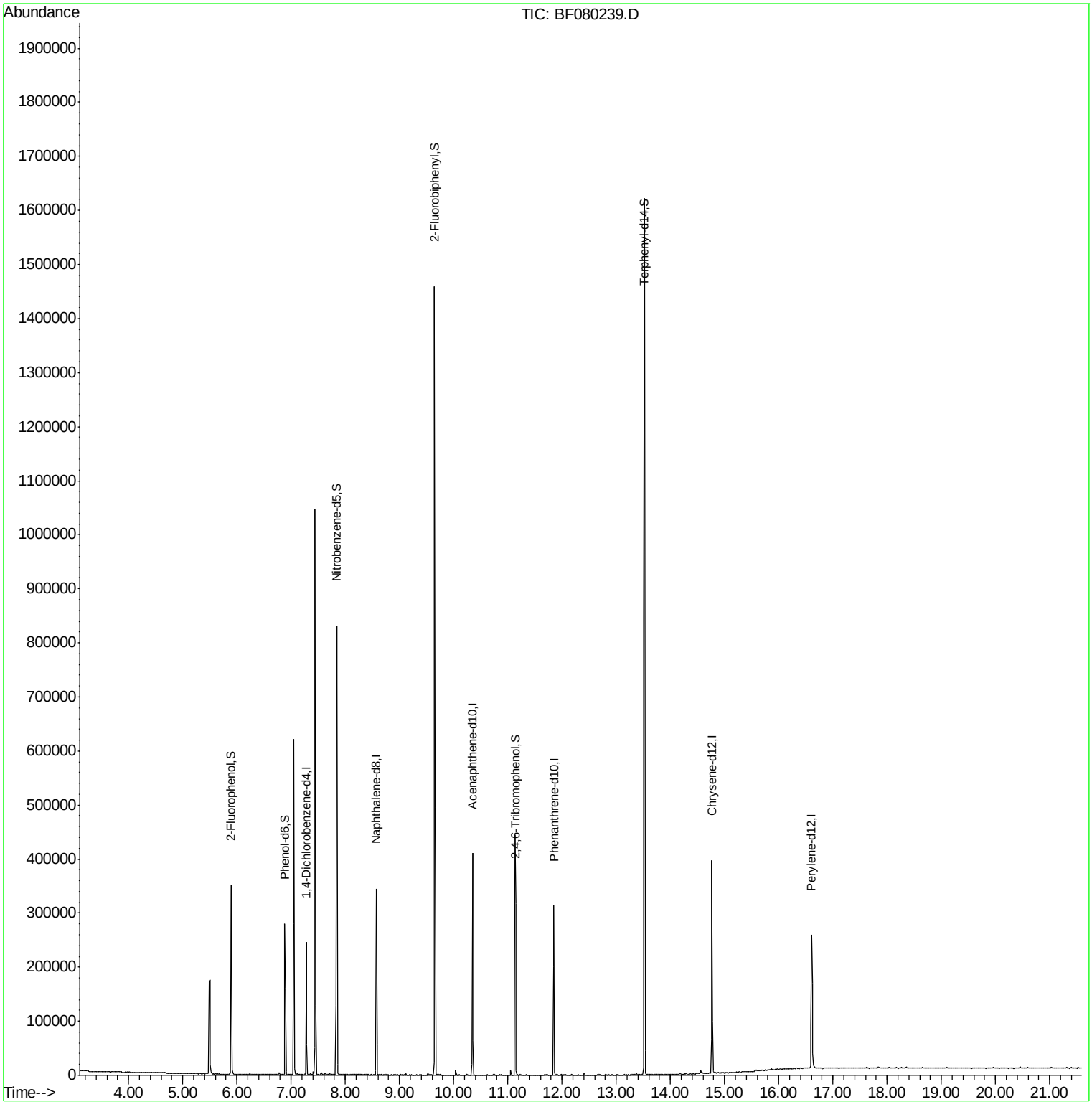
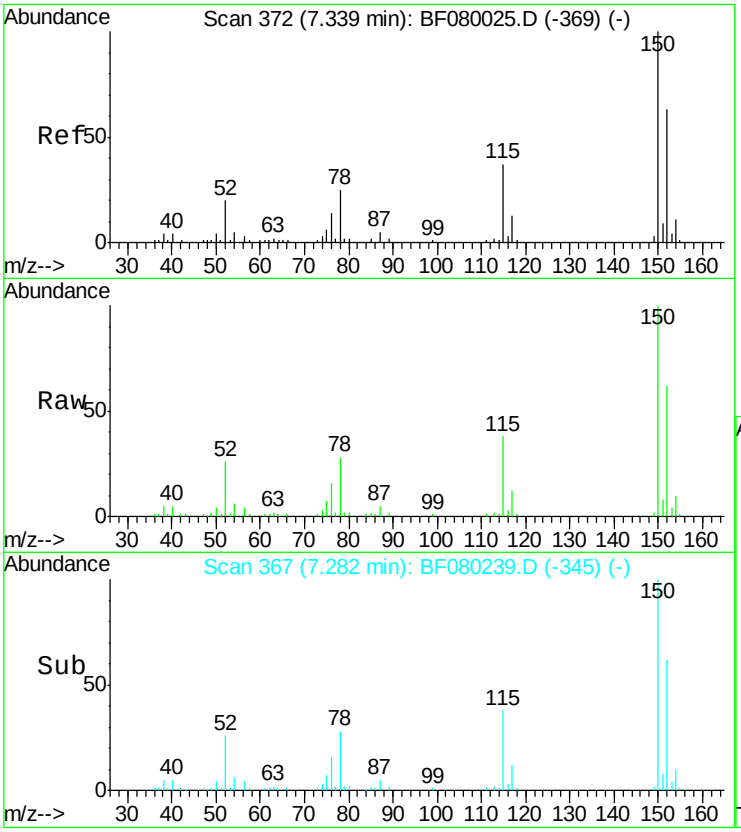


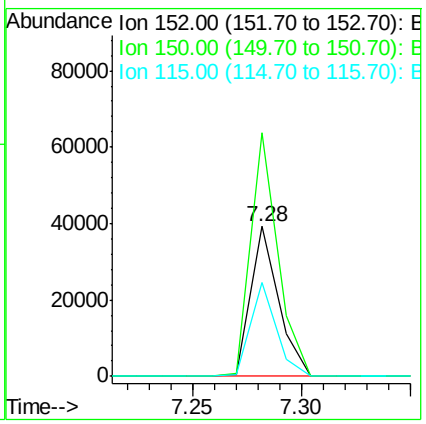


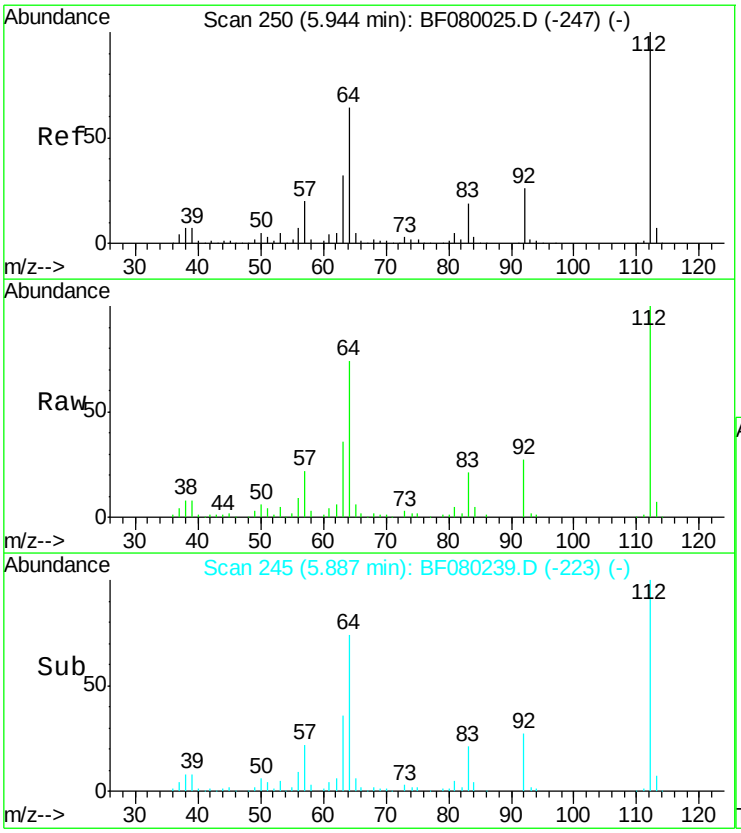

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion:152 Resp: 35069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.3 | 124.7 | 187.1 |
| 115 | 62.4 | 39.0 | 58.4# |

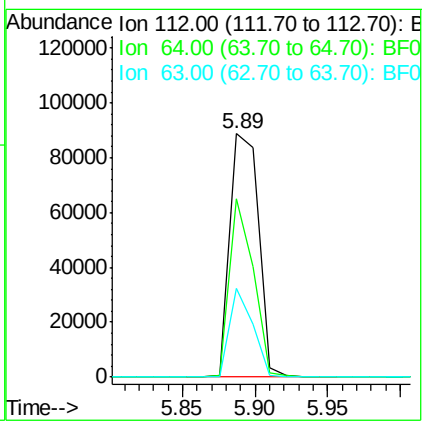


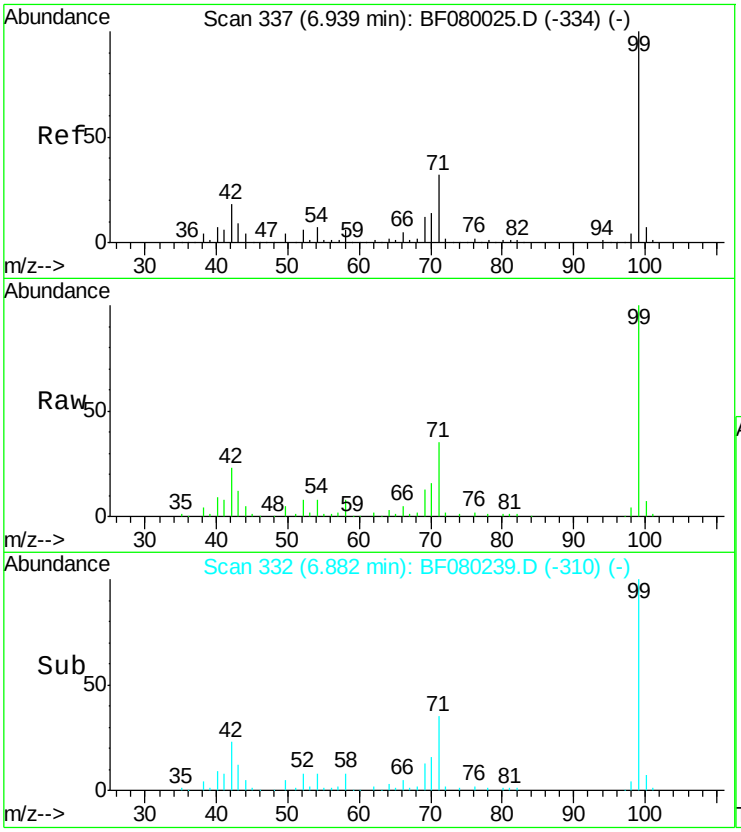




#5
2-Fluorophenol
Concen: 61.51 ng
RT: 5.89 min Scan# 245
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:112 Resp: 121856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.5 | 39.7 | 59.5# |
| 63 | 36.2 | 17.4 | 26.0# |



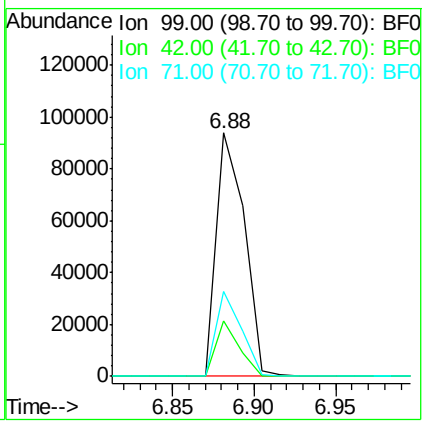


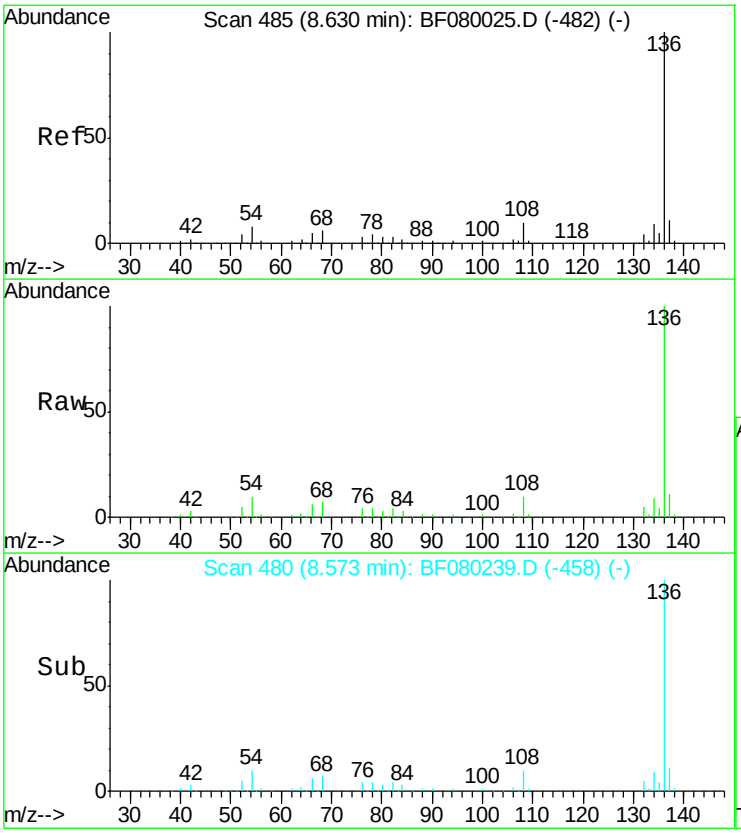

#7
Phenol-d6
Concen: 42.41 ng
RT: 6.88 min Scan# 332
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion: 99 Resp: 111818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 13.7 | 20.5# |
| 71 | 34.8 | 14.2 | 21.2# |

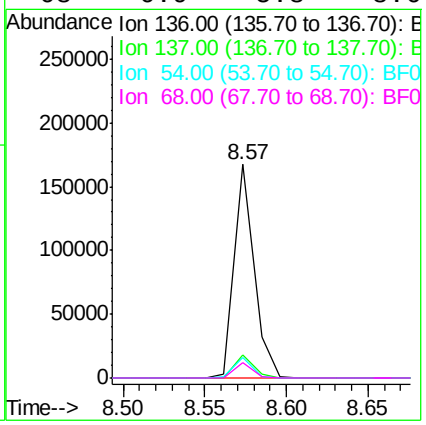


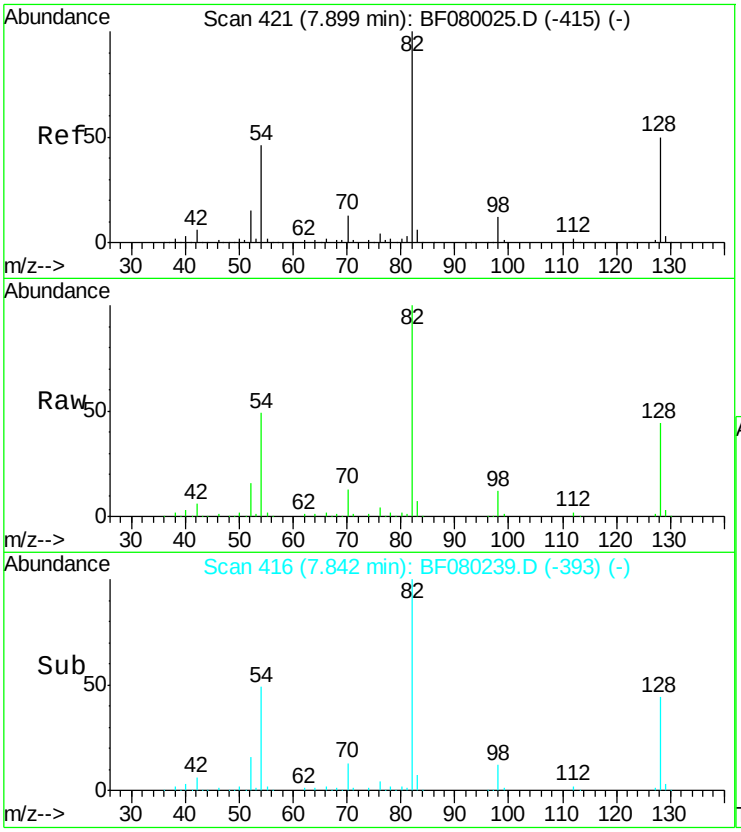




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:136 Resp: 139762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.0 | 13.6 |
| 54 | 9.7 | 8.2 | 12.2 |
| 68 | 6.9 | 5.8 | 8.6 |



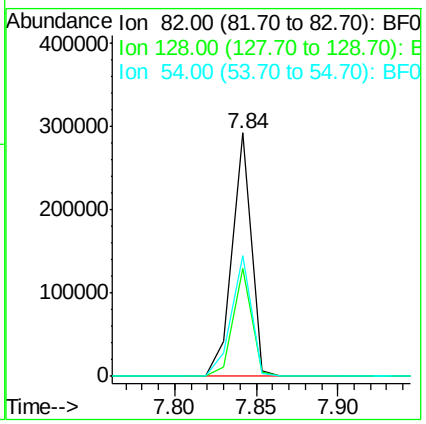


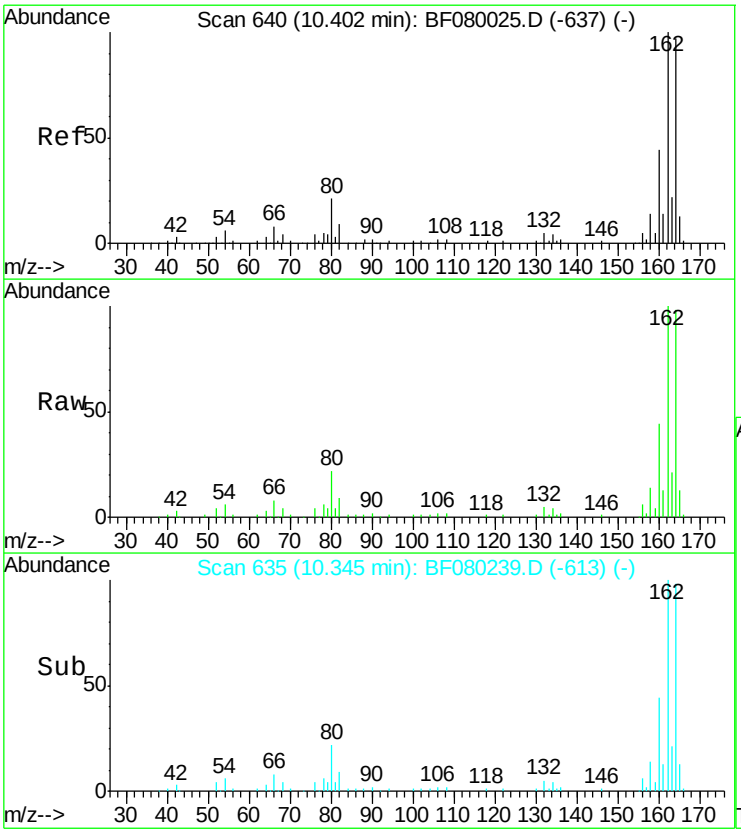

#23
Nitrobenzene-d5
Concen: 97.96 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion: 82 Resp: 235179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.2 | 51.0 | 76.6# |
| 54 | 49.5 | 47.5 | 71.3 |

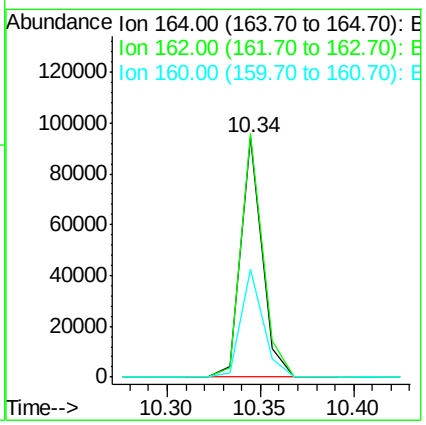


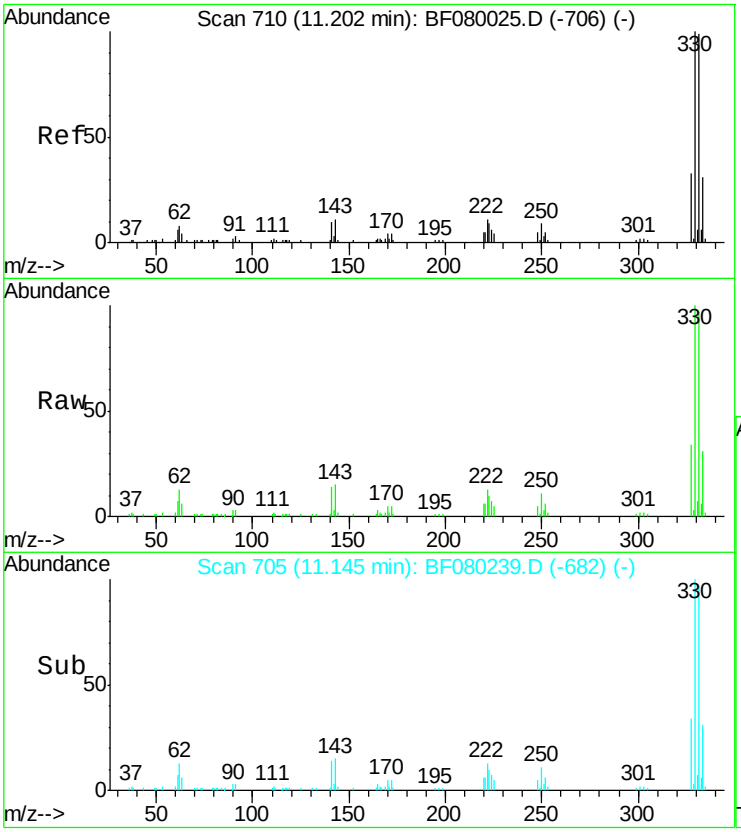




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:164 Resp: 75387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 75.2 | 112.8 |
| 160 | 45.0 | 31.5 | 47.3 |



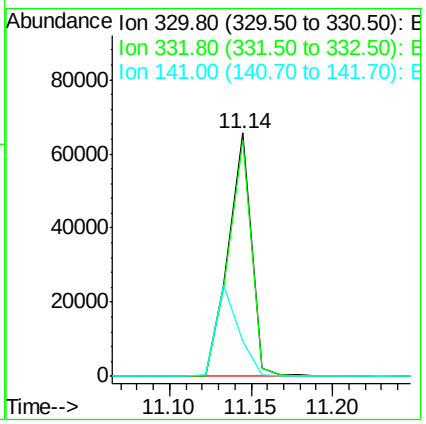


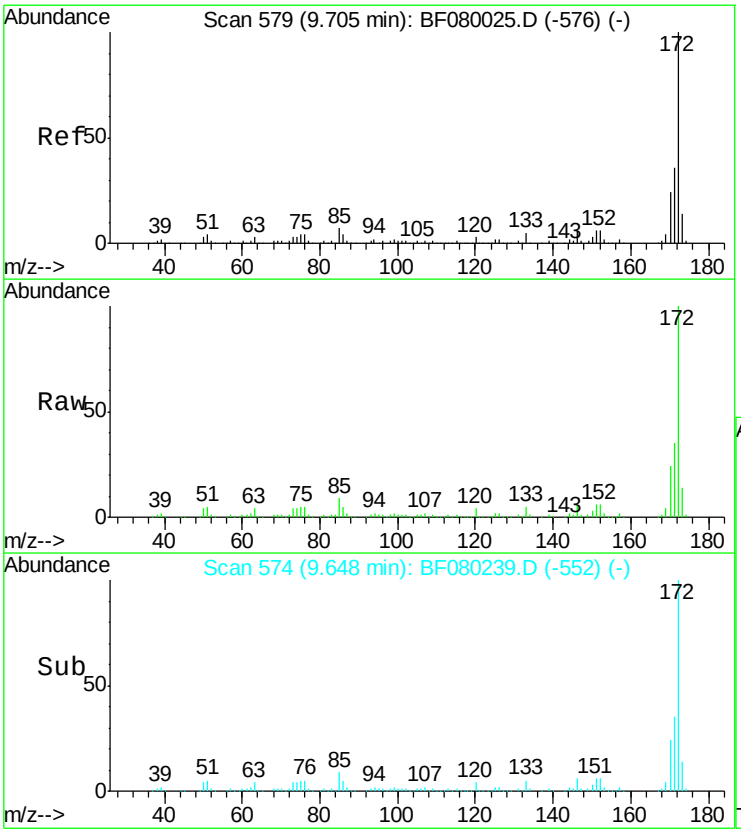

#41
2,4,6-Tribromophenol
Concen: 86.71 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion:330 Resp: 63920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.6 | 114.8 |
| 141 | 37.2 | 29.7 | 44.5 |

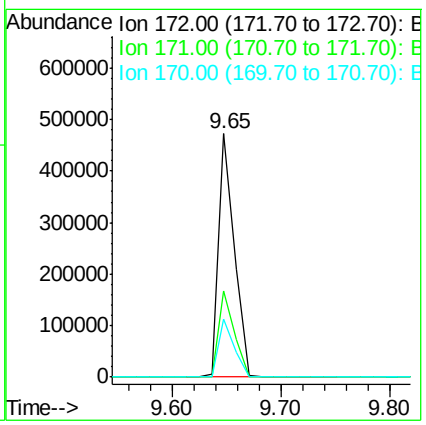


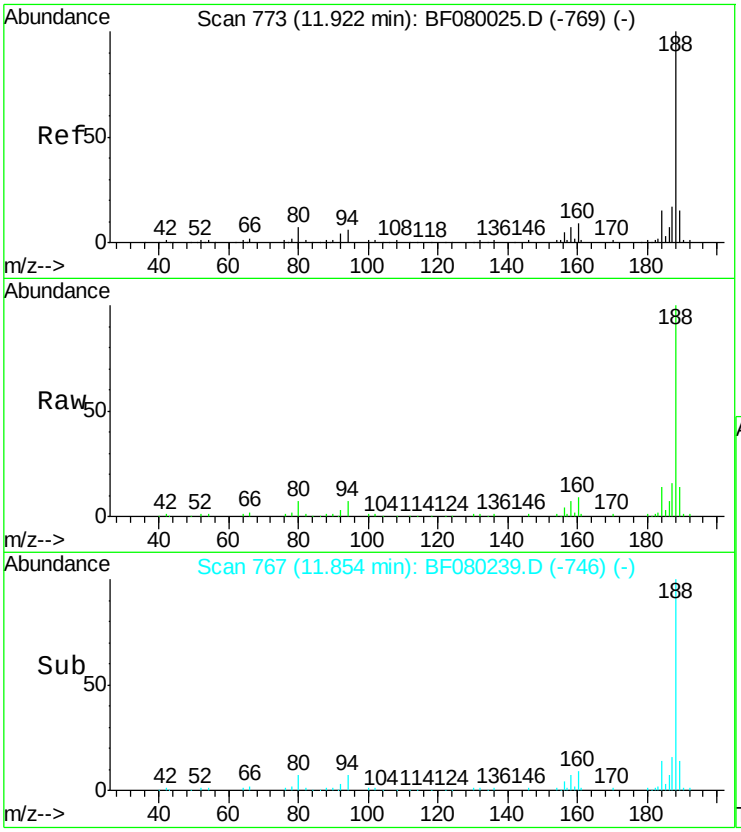




#44
2-Fluorobiphenyl
Concen: 90.22 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:172 Resp: 476910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 26.1 | 39.1 |
| 170 | 23.7 | 17.4 | 26.2 |



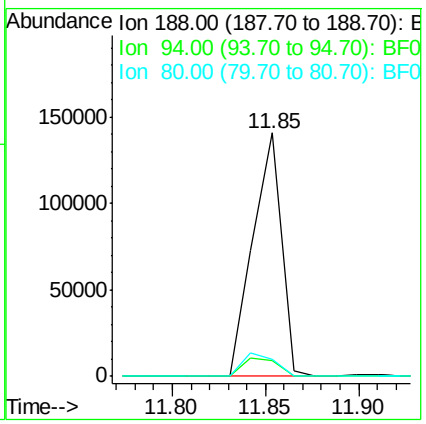


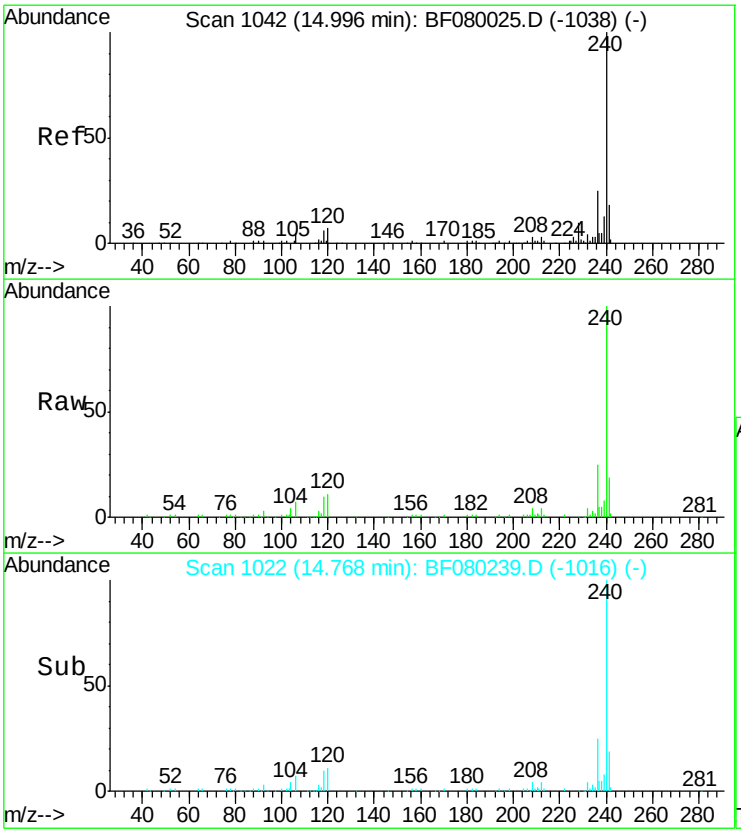

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.85 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion:188 Resp: 149267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.6 | 11.1 | 16.7# |
| 80 | 7.1 | 11.0 | 16.4# |

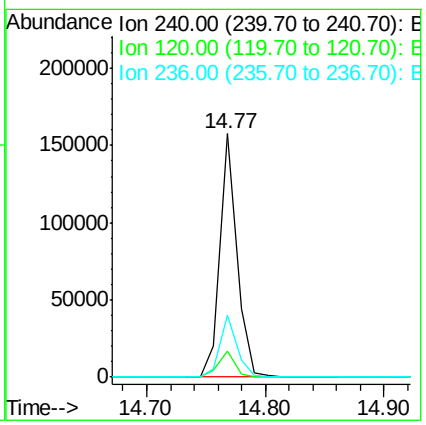


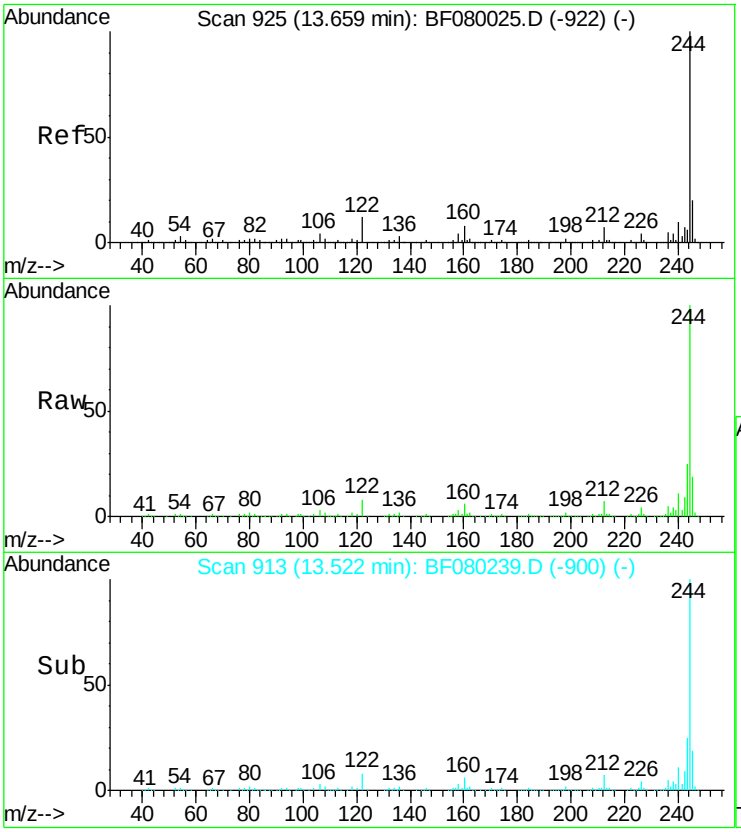




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:240 Resp: 155692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 16.2 | 24.2# |
| 236 | 25.2 | 18.4 | 27.6 |



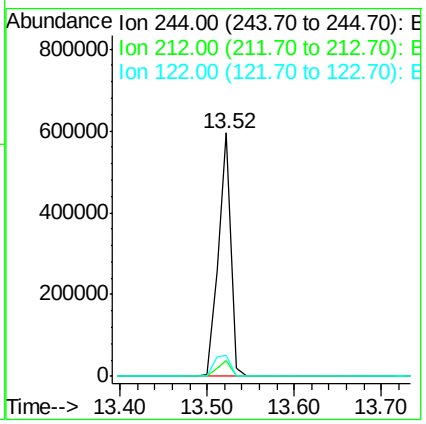


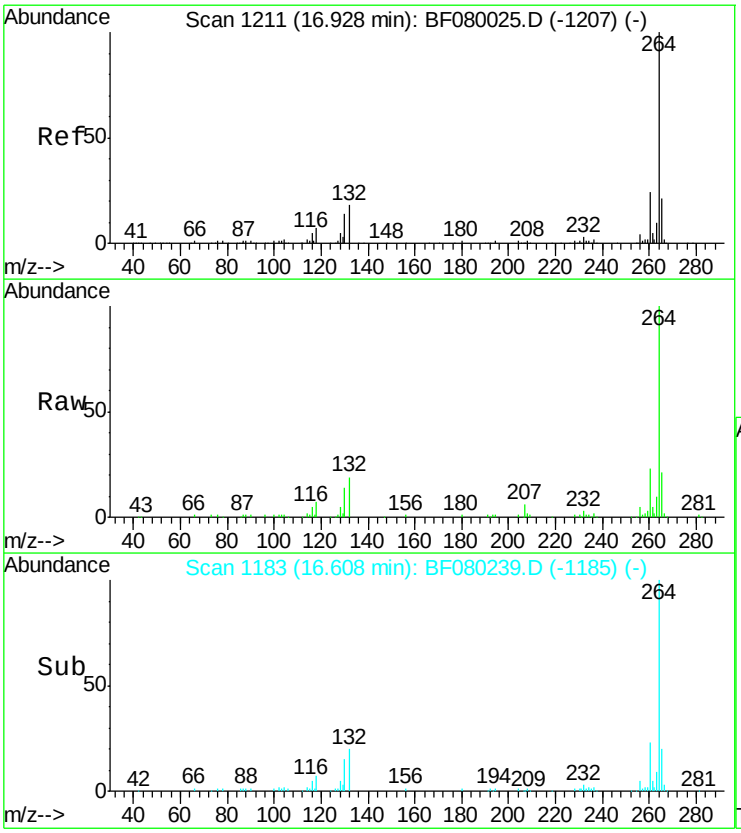

#78
Terphenyl-d14
Concen: 90.50 ng
RT: 13.52 min Scan# 913
Delta R.T. -0.15 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

**Instrument :**
BNA_F
**ClientSampleId :**
SWD-1

Tgt Ion:244 Resp: 603331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 4.3 | 6.5# |
| 122 | 8.4 | 17.4 | 26.2# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.61 min Scan# 1183
Delta R.T. -0.32 min
Lab File: BF080239.D
Acq: 30 Jun 2015 16:36

Tgt Ion:264 Resp: 144308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 16.7 | 25.1 |
| 265 | 20.7 | 17.2 | 25.8 |