Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099141.D
Acq On : 6 Oct 2017 11:41
Operator : SJ/JU
Sample : I5644-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-10-11-COMP

Quant Time: Oct 06 14:40:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 125549 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 520573 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 236806 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.39 | 188 | 430620 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.02 | 240 | 349606 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.50 | 264 | 255827 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 817551 | 103.66 | ng | 0.02 |
| 7) Phenol-d6 | 6.50 | 99 | 859065 | 88.30 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 690670 | 85.08 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 243428 | 125.63 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 1250818 | 88.18 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 1140577 | 74.20 | ng | 0.00 |

| Target Compounds | Qvalue |
|---|---|

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

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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Acq On : 6 Oct 2017 11:41
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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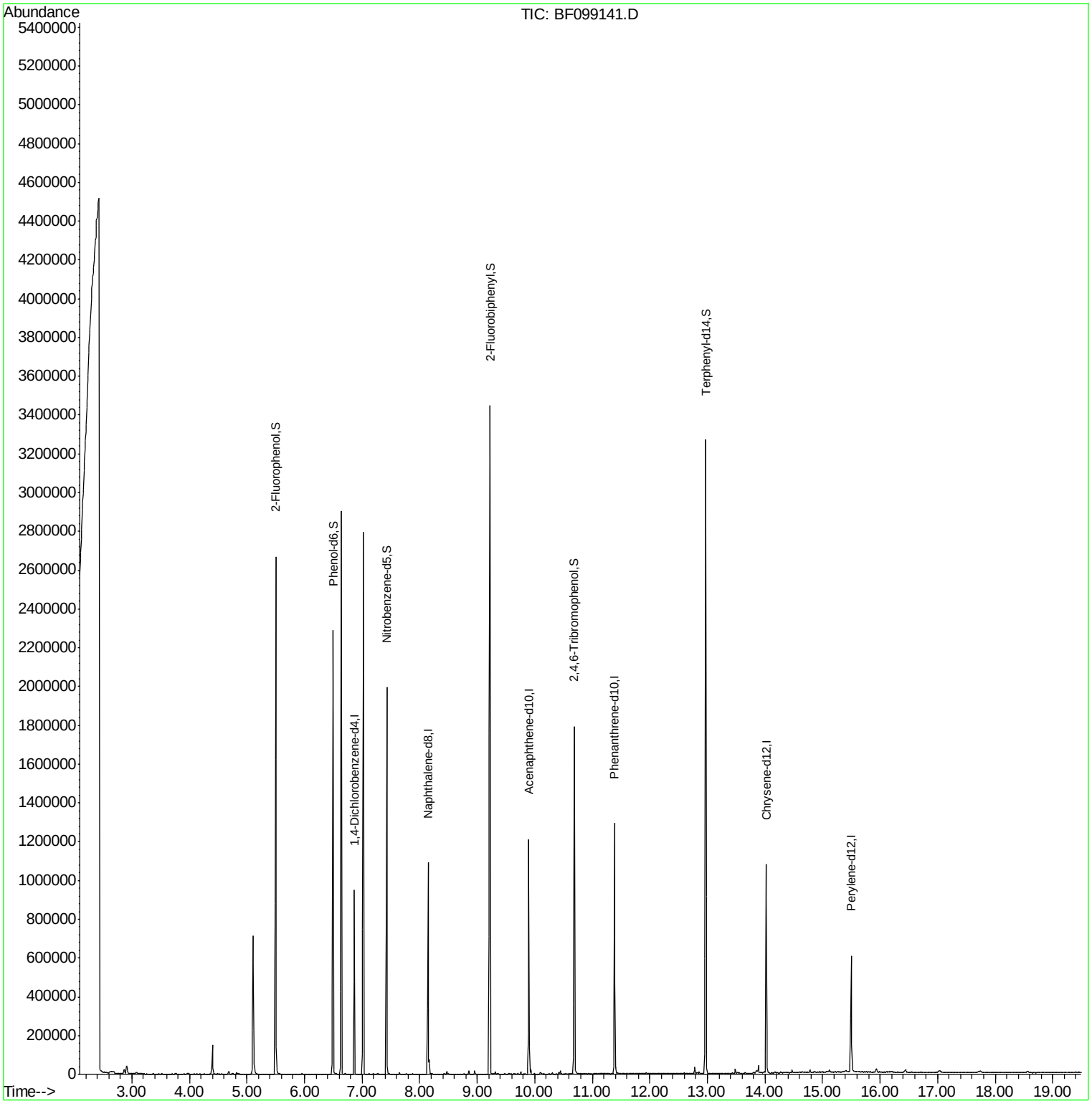
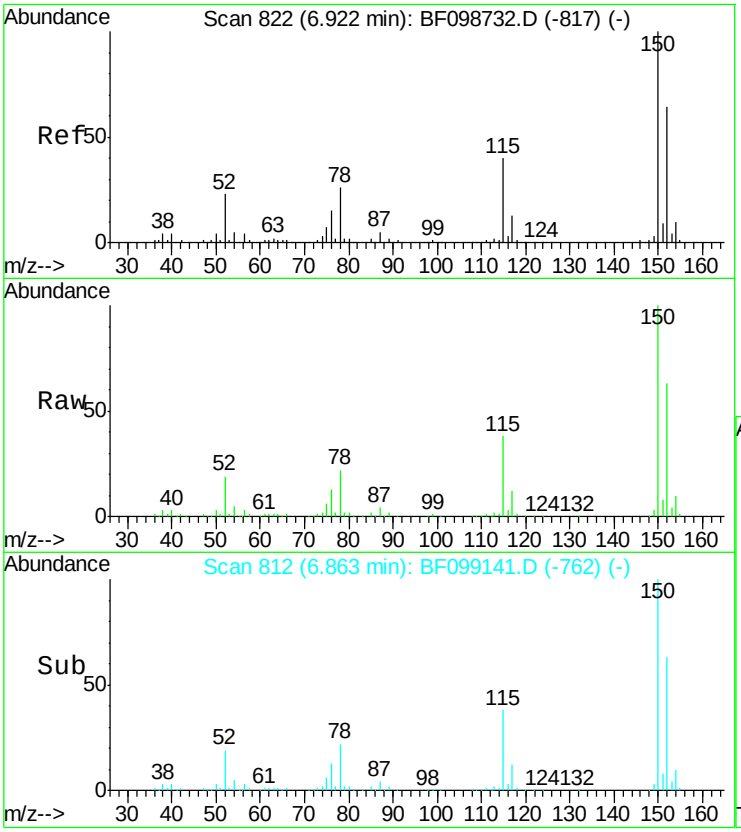


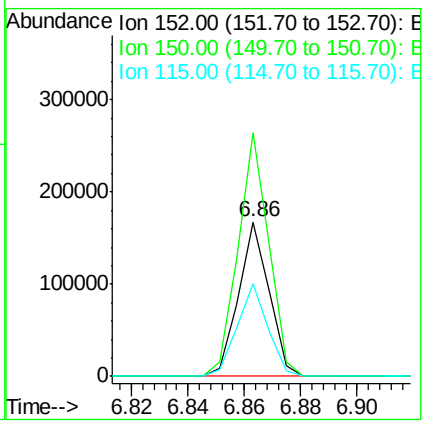


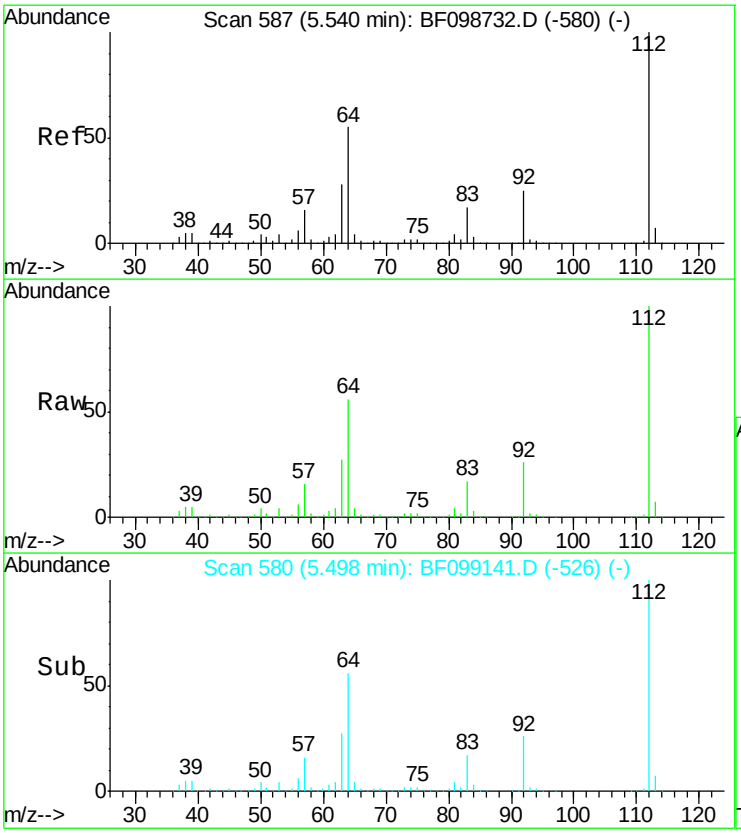

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

Tgt Ion:152 Resp: 125549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 124.6 | 186.8 |
| 115 | 60.2 | 50.1 | 75.1 |

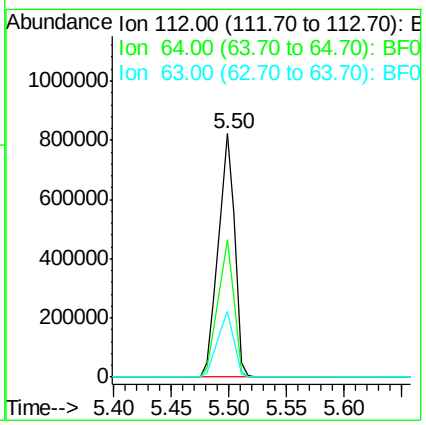


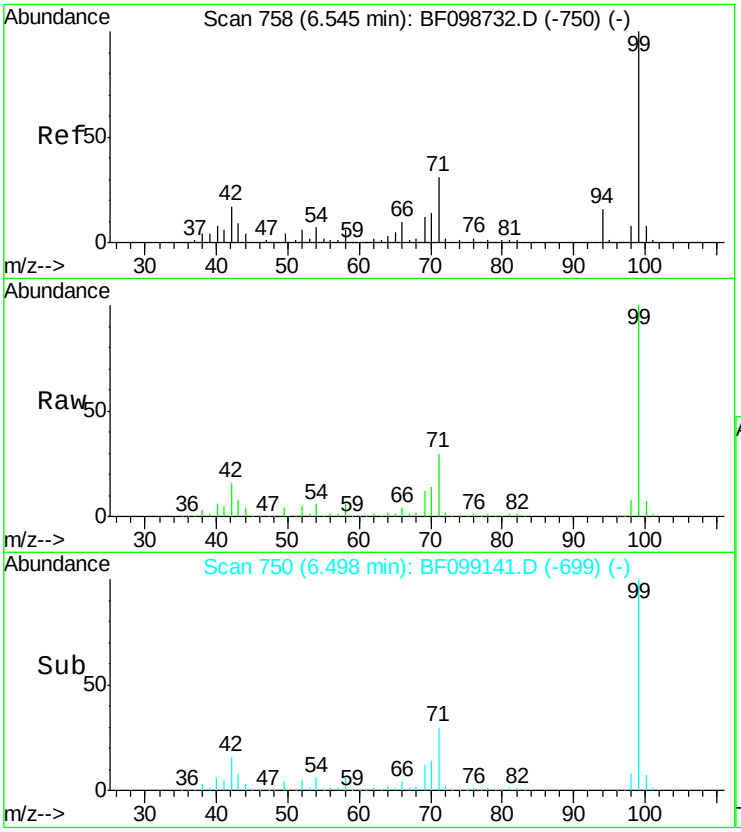




#5
2-Fluorophenol
Concen: 103.66 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:112 Resp: 817551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 47.9 | 71.9 |
| 63 | 27.2 | 23.7 | 35.5 |



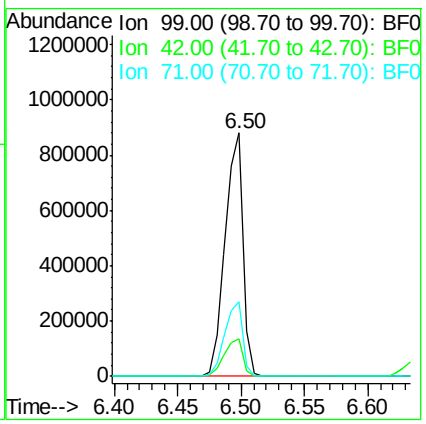


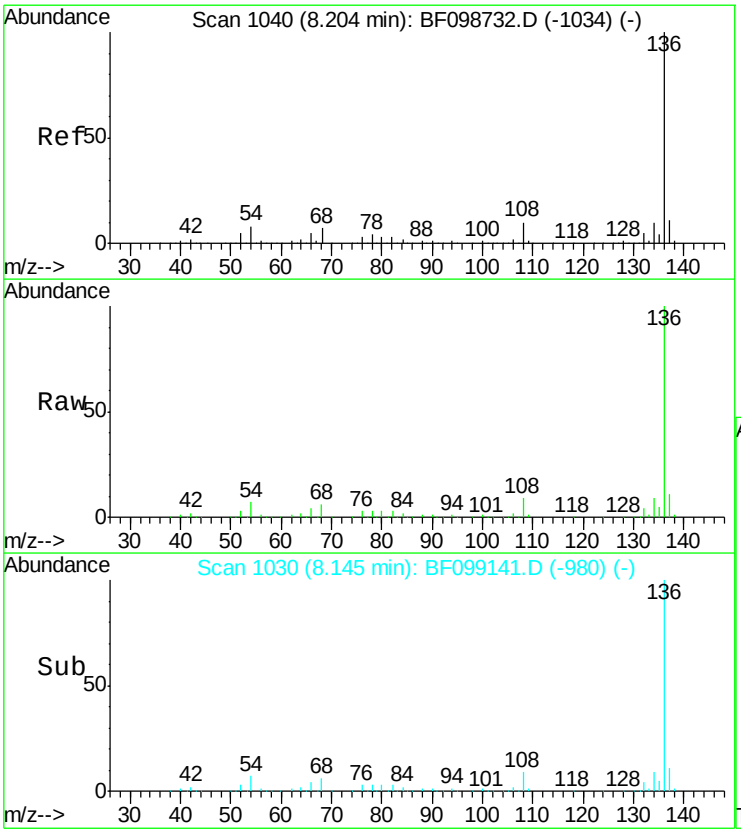

#7
Phenol-d6
Concen: 88.30 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

Tgt Ion: 99 Resp: 859065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.5 | 14.5 | 21.7 |
| 71 | 30.5 | 25.4 | 38.0 |

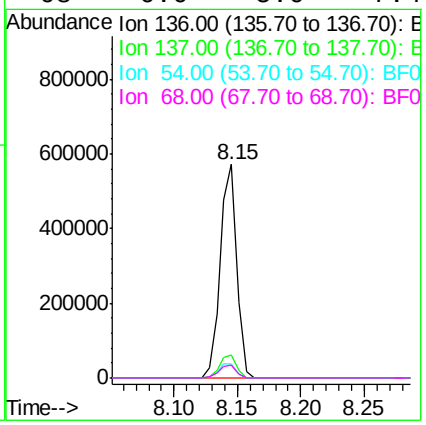


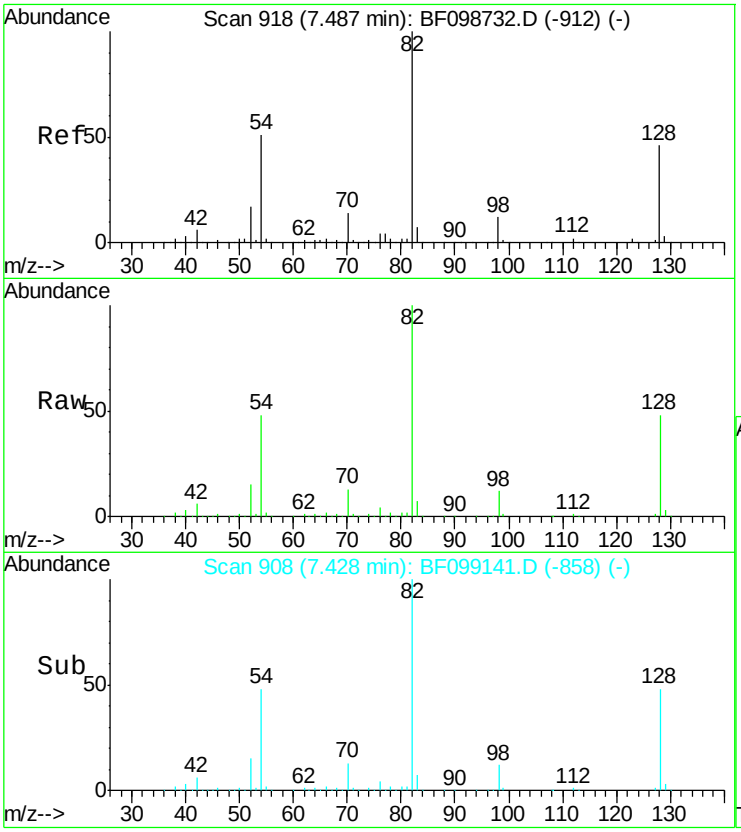




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:136 Resp: 520573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 6.9 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |



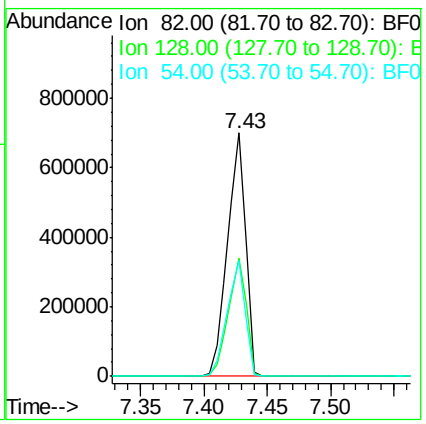


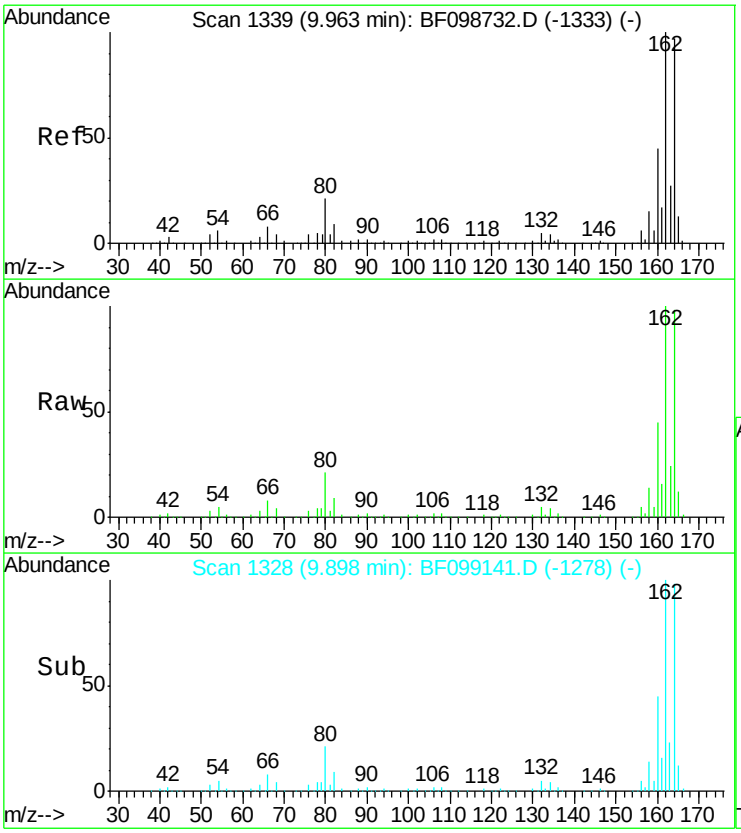

#23
Nitrobenzene-d5
Concen: 85.08 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

Tgt Ion: 82 Resp: 690670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.5 | 36.1 | 54.1 |
| 54 | 47.6 | 41.4 | 62.2 |

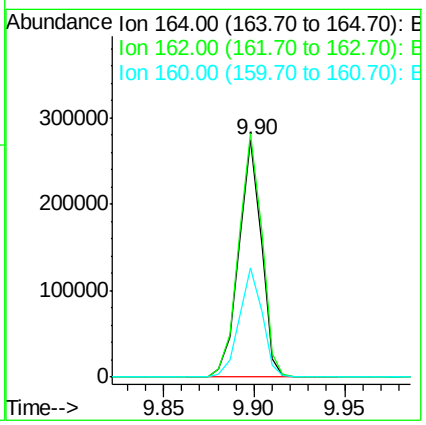


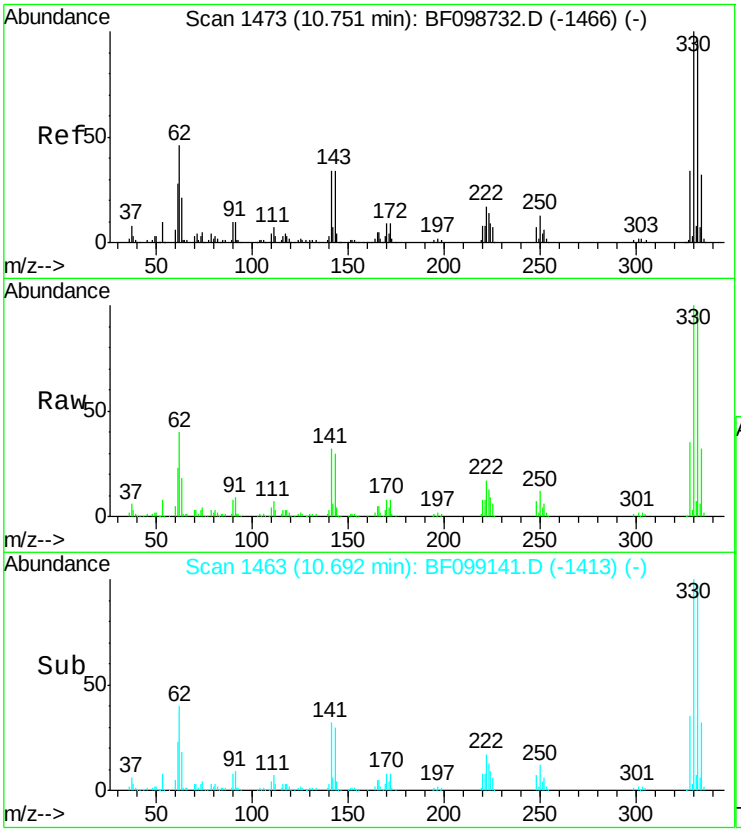




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:164 Resp: 236806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 86.1 | 129.1 |
| 160 | 46.1 | 38.3 | 57.5 |



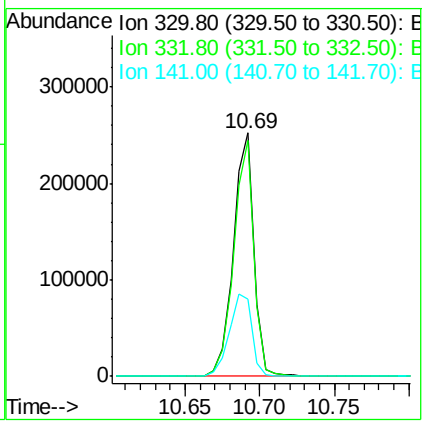


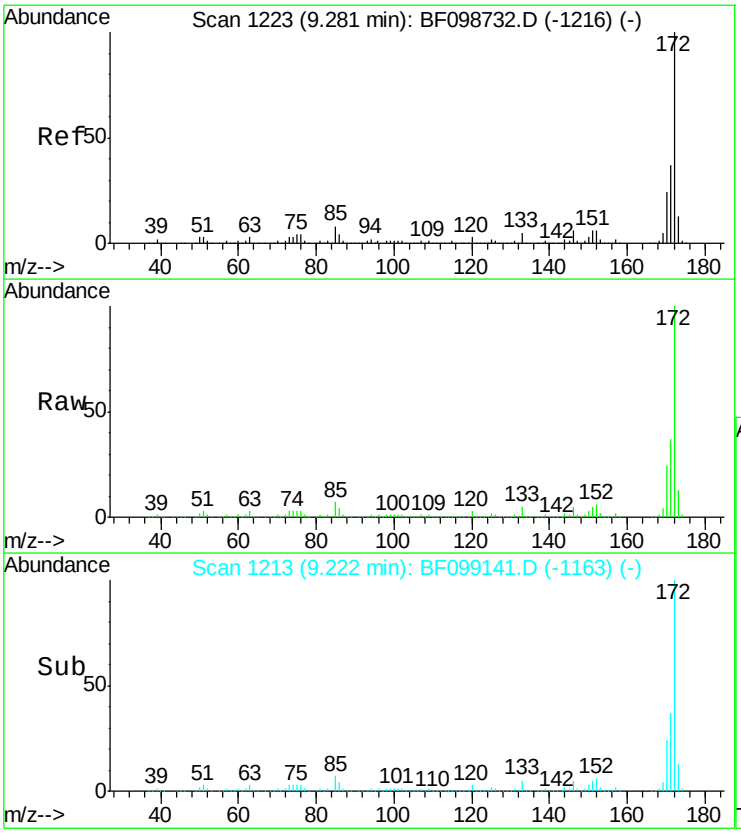

#41
2,4,6-Tribromophenol
Concen: 125.63 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

Tgt Ion:330 Resp: 243428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.0 | 115.6 |
| 141 | 38.1 | 29.9 | 44.9 |

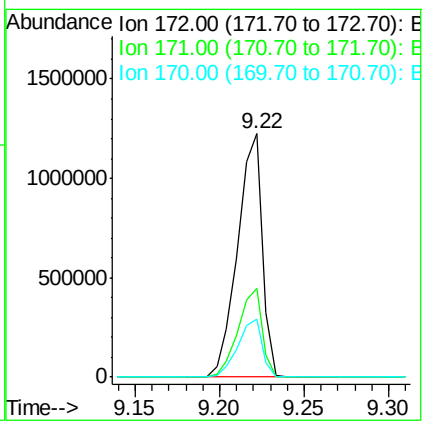


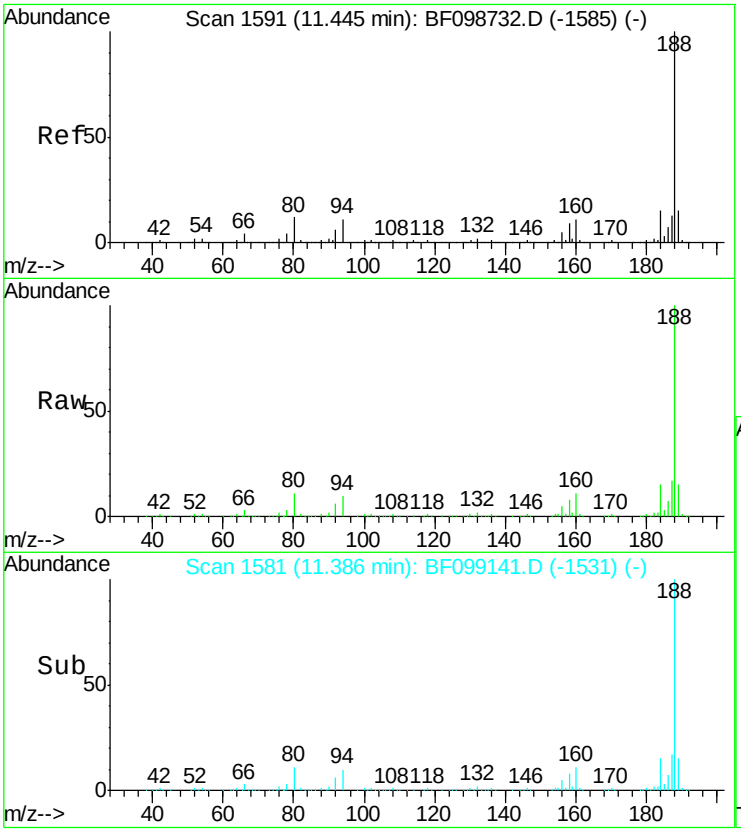




#44
2-Fluorobiphenyl
Concen: 88.18 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:172 Resp: 1250818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.7 | 44.5 |
| 170 | 23.8 | 19.6 | 29.4 |



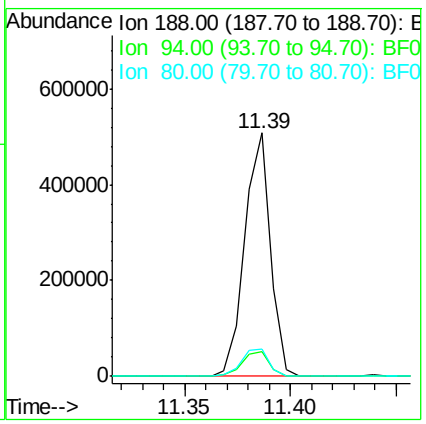


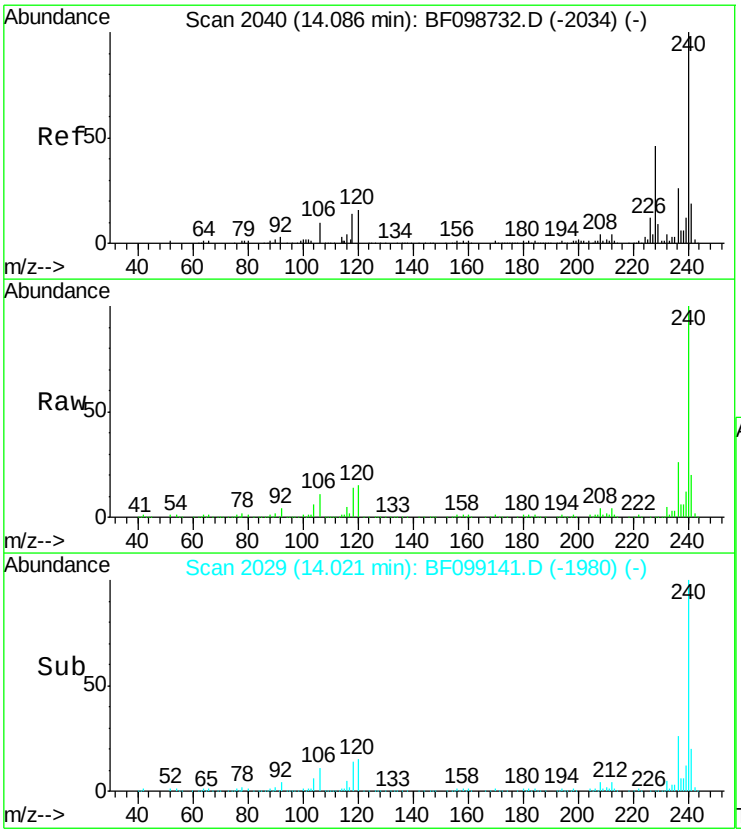

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

Tgt Ion:188 Resp: 430620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.5 | 12.7 |
| 80 | 11.3 | 9.2 | 13.8 |

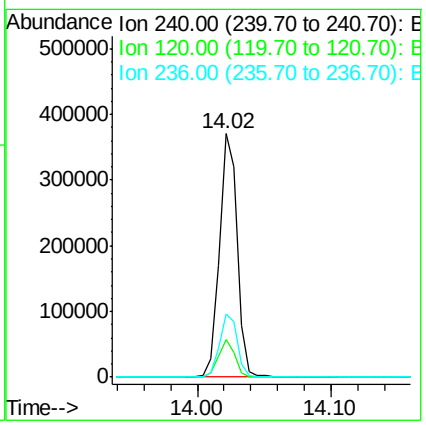


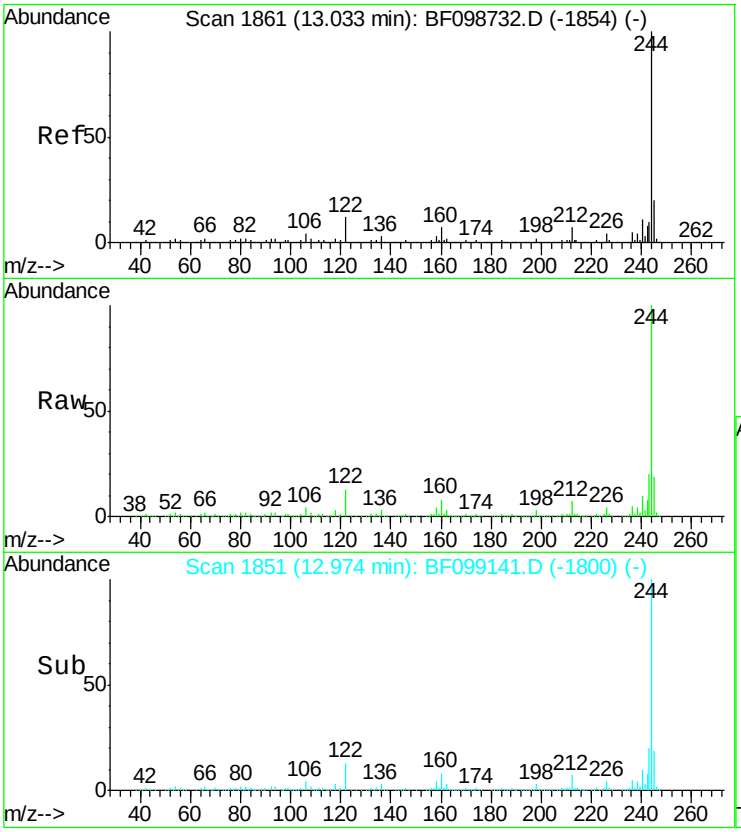




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:240 Resp: 349606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.4 | 9.5 | 14.3# |
| 236 | 25.9 | 20.7 | 31.1 |



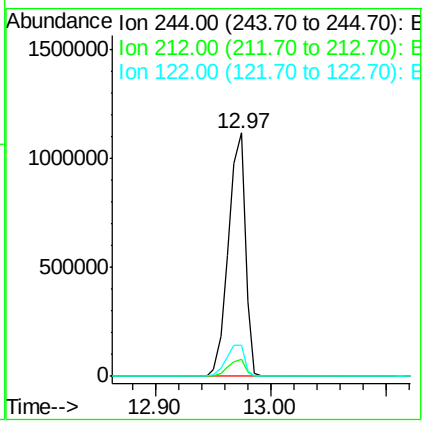


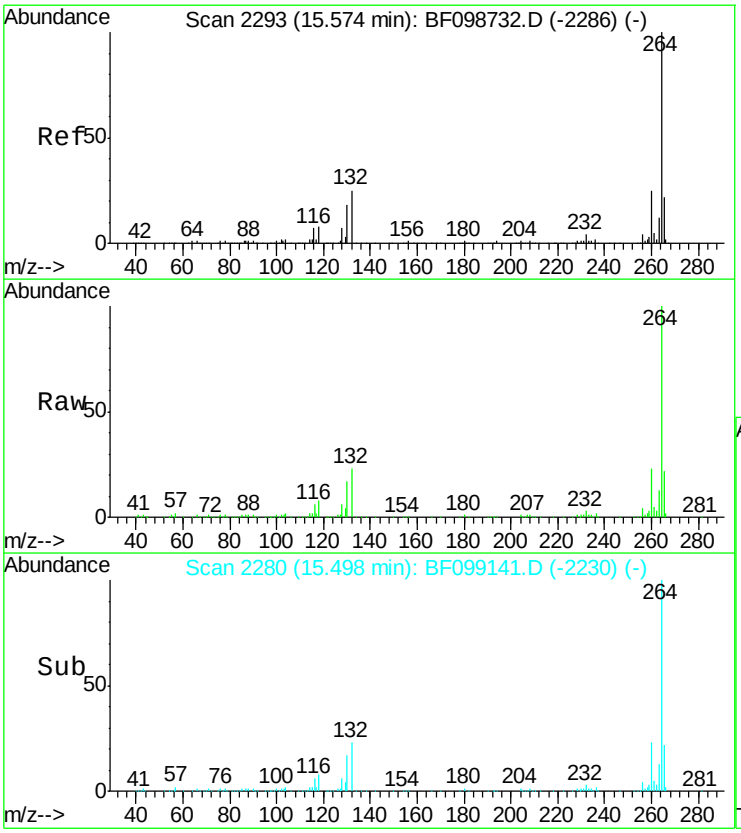

#78
Terphenyl-d14
Concen: 74.20 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10-11-COMP

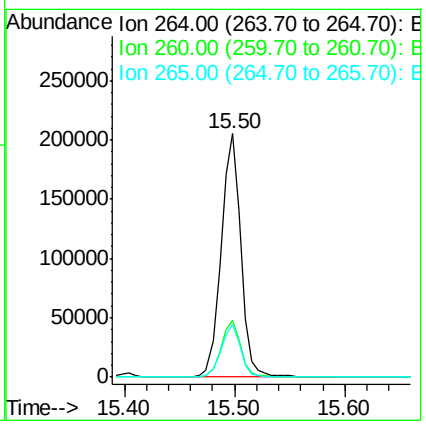
Tgt Ion:244 Resp: 1140577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 12.9 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099141.D
Acq: 6 Oct 2017 11:41

Tgt Ion:264 Resp: 255827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |