Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099352.D
Acq On : 11 Oct 2017 18:45
Operator : SJ/JU
Sample : PB103129BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB103129BL

Quant Time: Oct 12 01:07:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 108105 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 460694 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 213091 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 394542 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.01 | 240 | 295838 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.48 | 264 | 200531 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 770249 | 113.42 | ng | 0.01 |
| 7) Phenol-d6 | 6.49 | 99 | 902371 | 107.72 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 540349 | 75.22 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 202938 | 116.39 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 1067989 | 83.67 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.96 | 244 | 966476 | 74.30 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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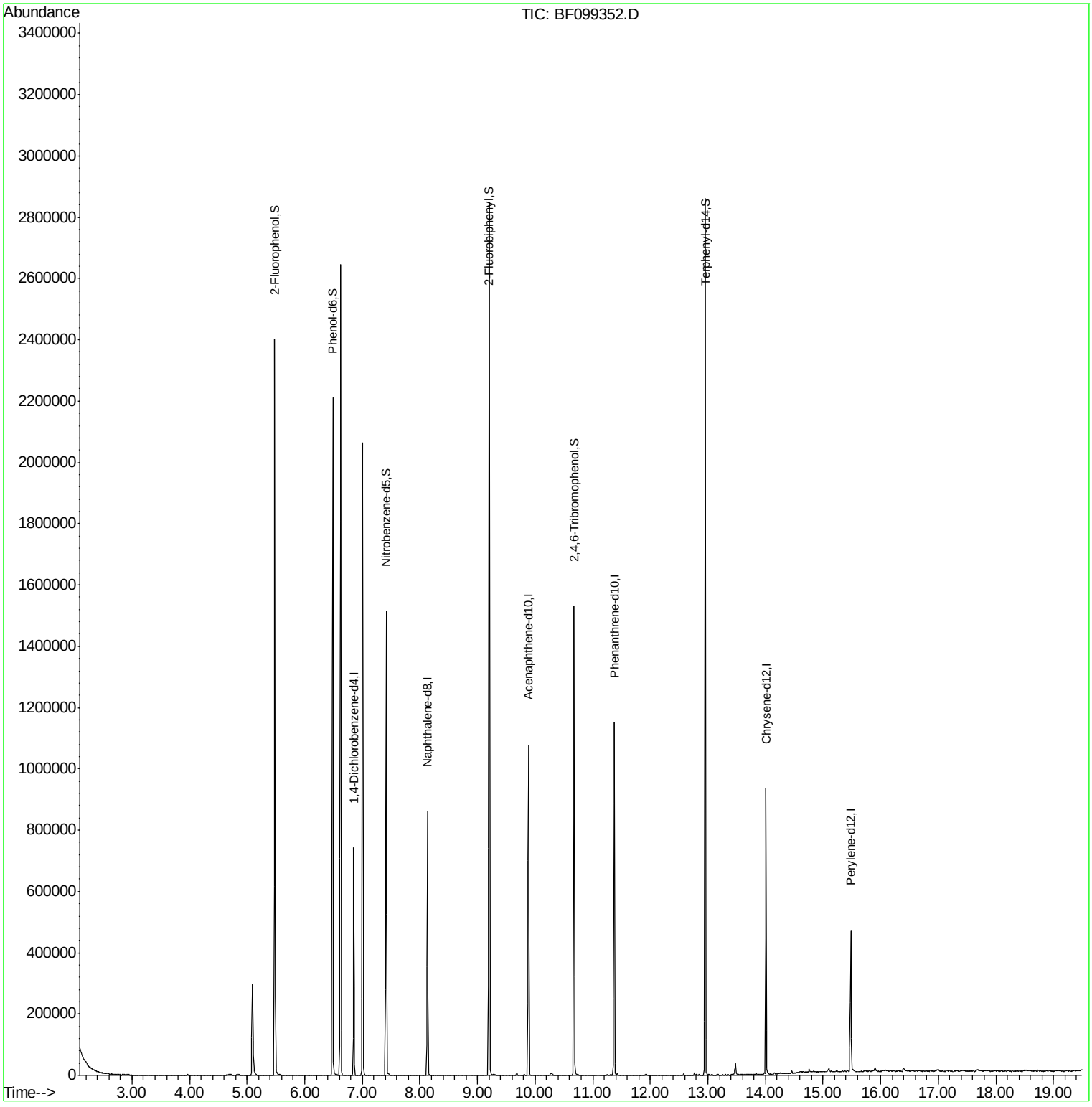
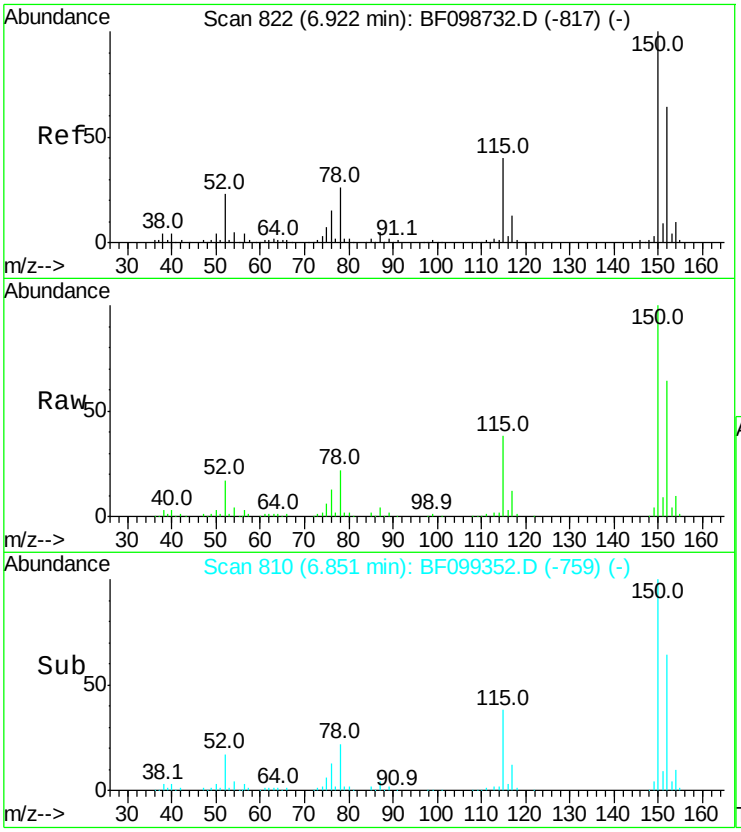


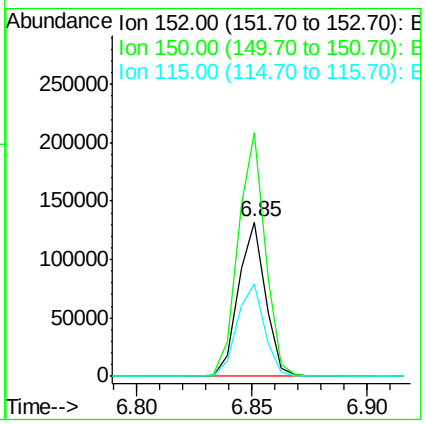


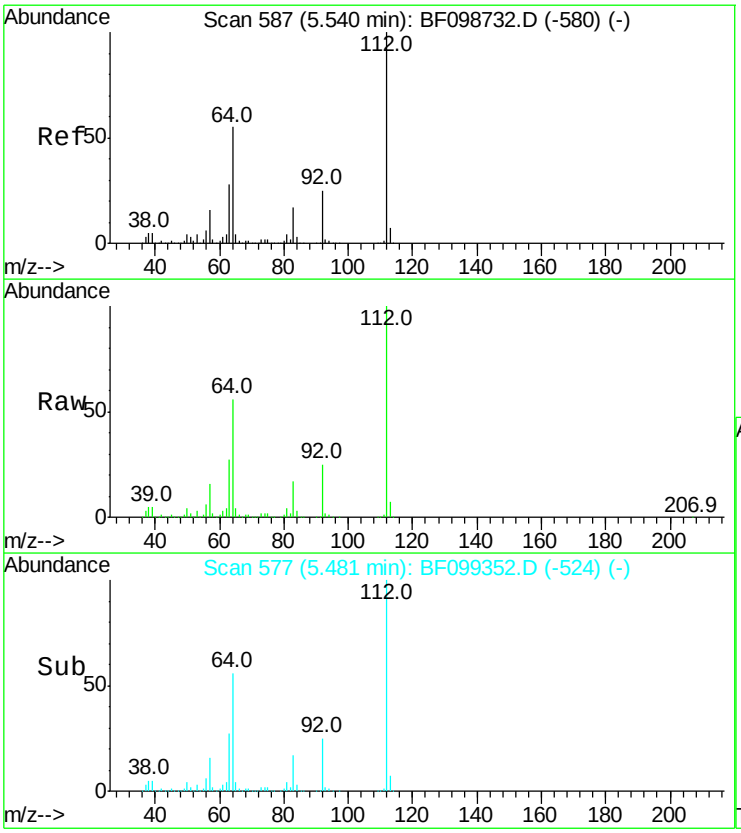

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion:152 Resp: 108105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.4 | 124.6 | 186.8 |
| 115 | 60.2 | 50.1 | 75.1 |

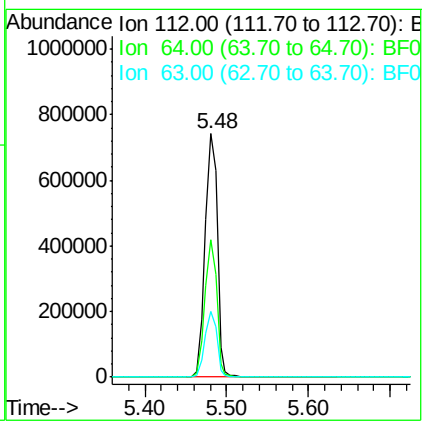


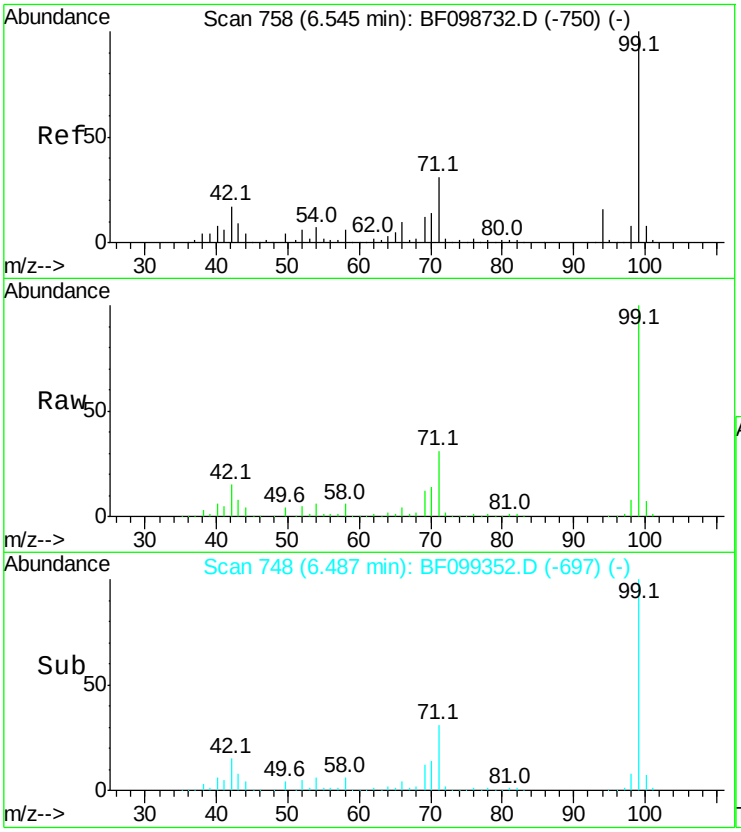




#5
2-Fluorophenol
Concen: 113.423 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:112 Resp: 770249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 47.9 | 71.9 |
| 63 | 27.1 | 23.7 | 35.5 |



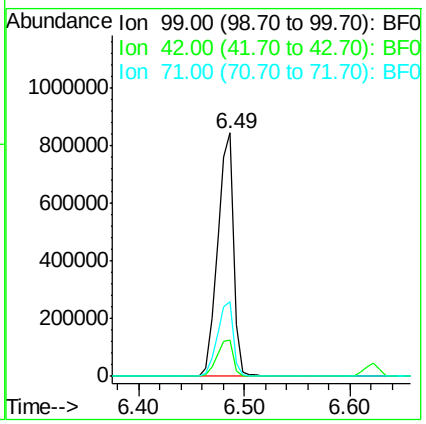


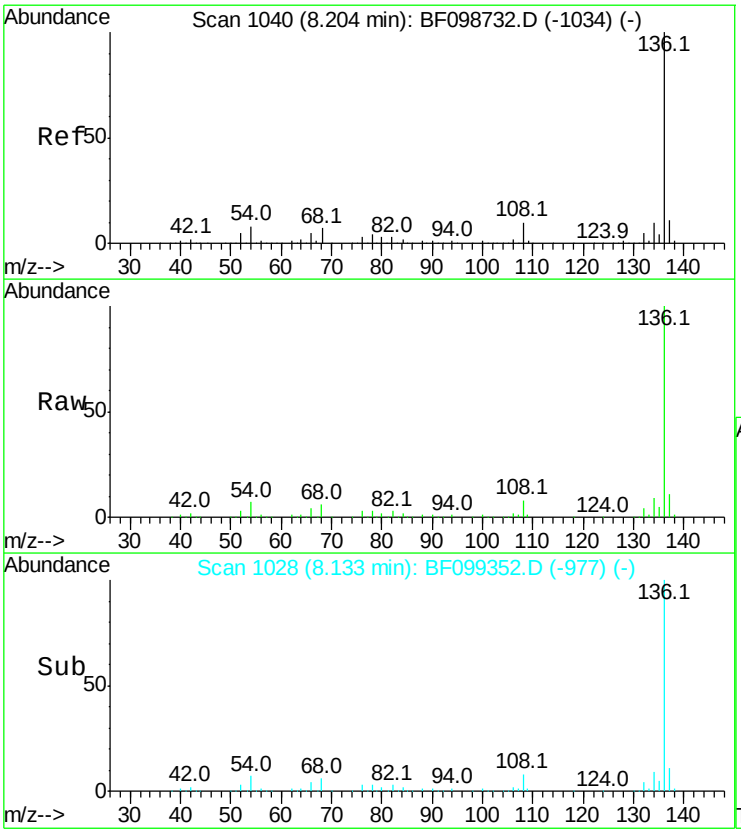

#7
Phenol-d6
Concen: 107.715 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion: 99 Resp: 902371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 14.5 | 21.7 |
| 71 | 30.9 | 25.4 | 38.0 |

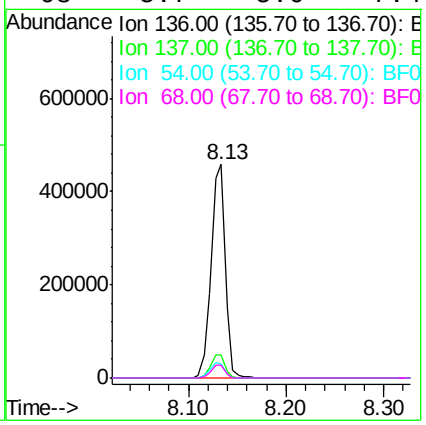


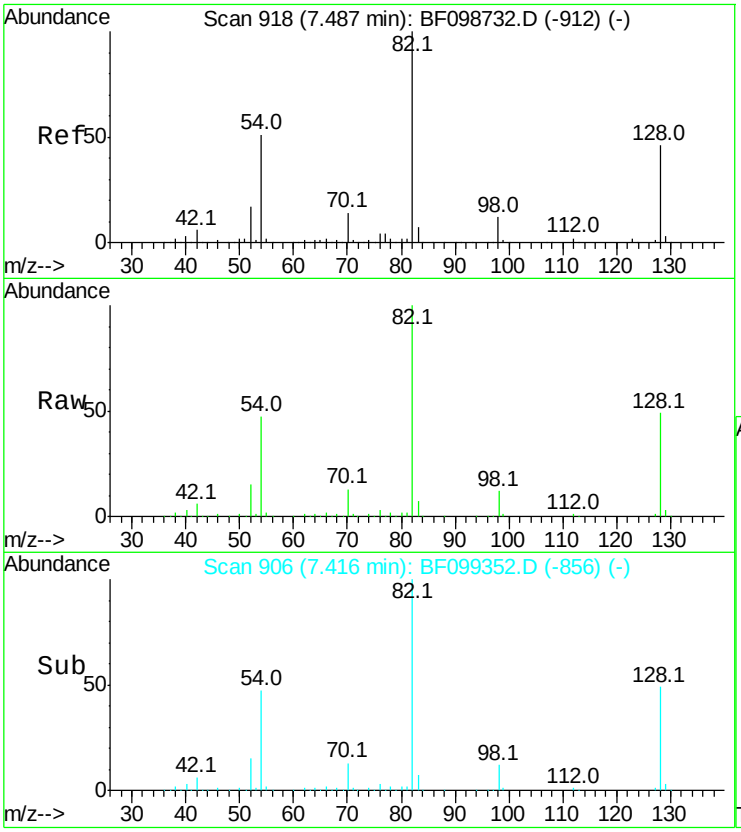




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:136 Resp: 460694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 6.7 | 6.6 | 9.8 |
| 68 | 5.7 | 5.0 | 7.4 |



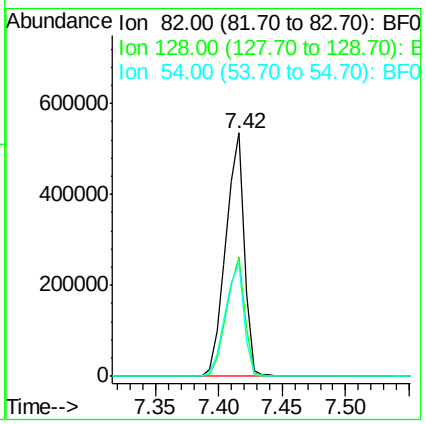


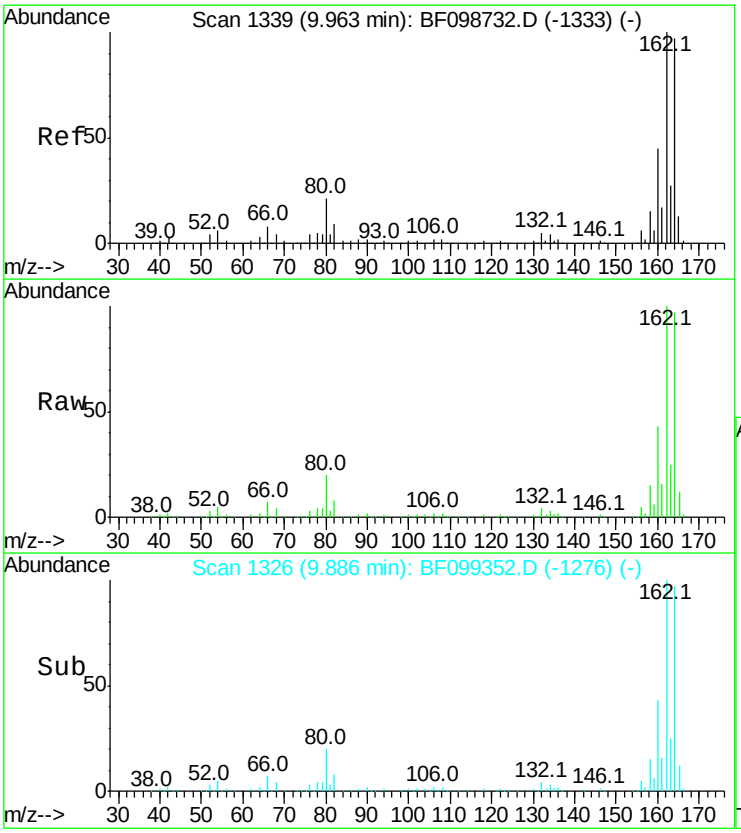

#23
Nitrobenzene-d5
Concen: 75.218 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion: 82 Resp: 540349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.2 | 36.1 | 54.1 |
| 54 | 46.6 | 41.4 | 62.2 |

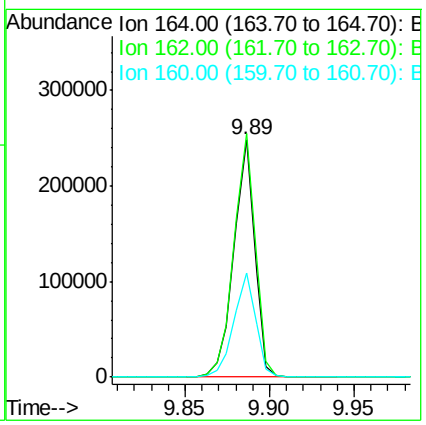


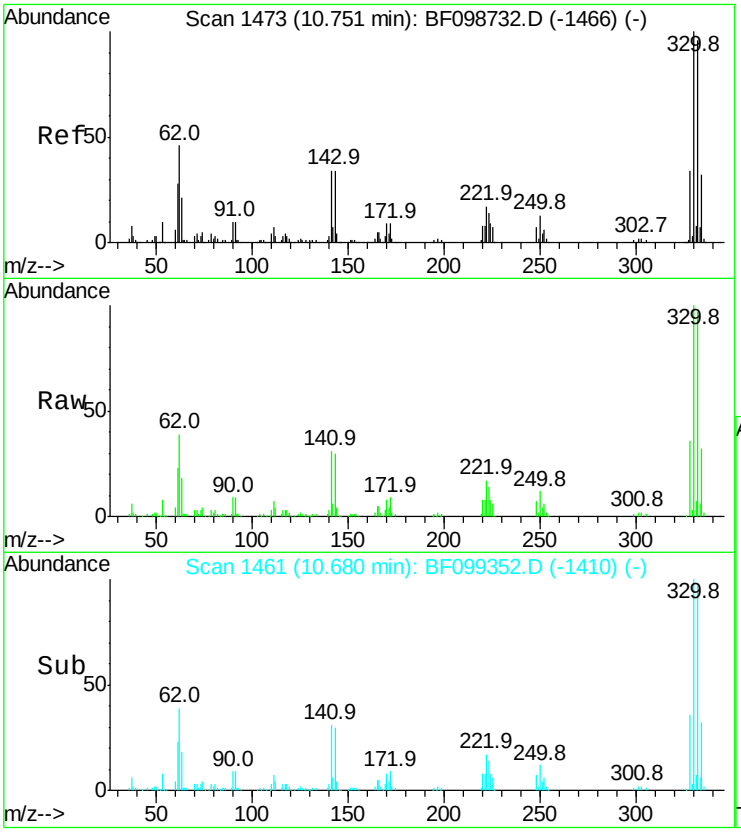




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:164 Resp: 213091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 86.1 | 129.1 |
| 160 | 43.7 | 38.3 | 57.5 |



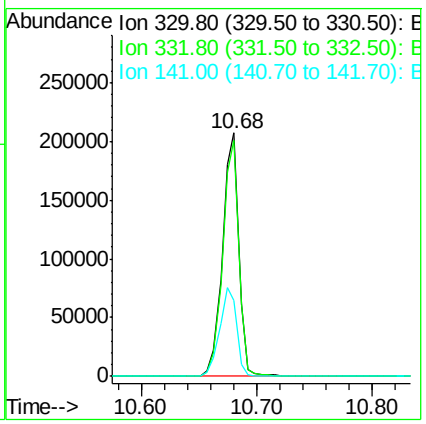


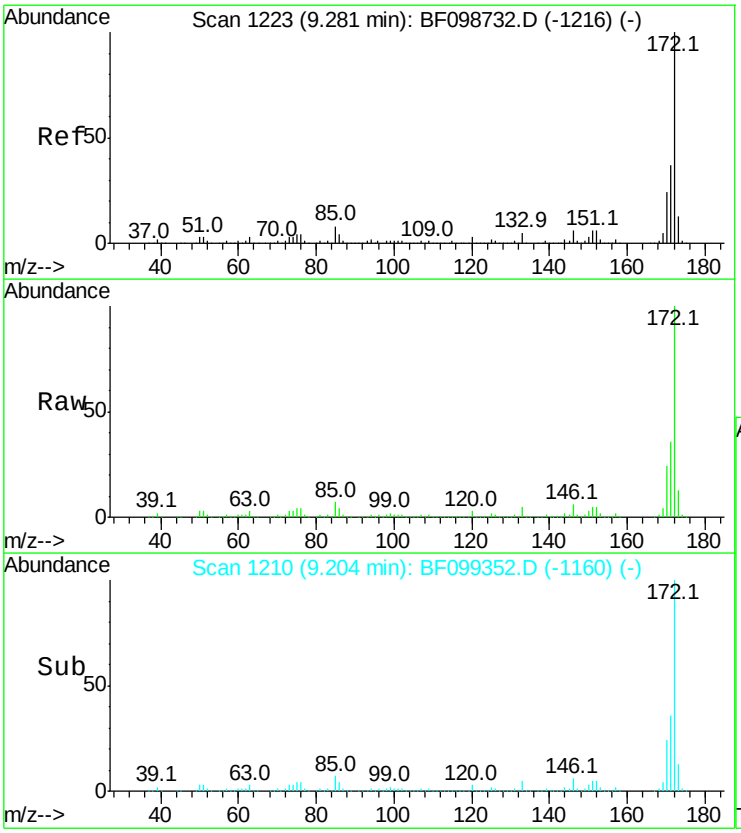

#41
2,4,6-Tribromophenol
Concen: 116.386 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion:330 Resp: 202938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 38.0 | 29.9 | 44.9 |

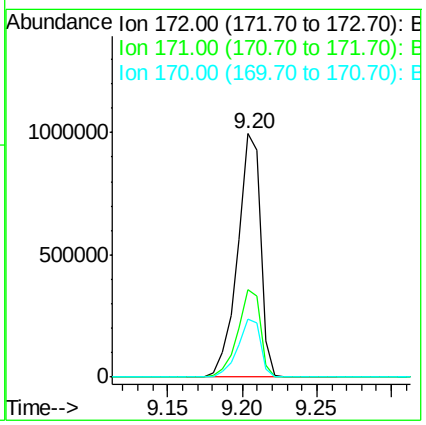


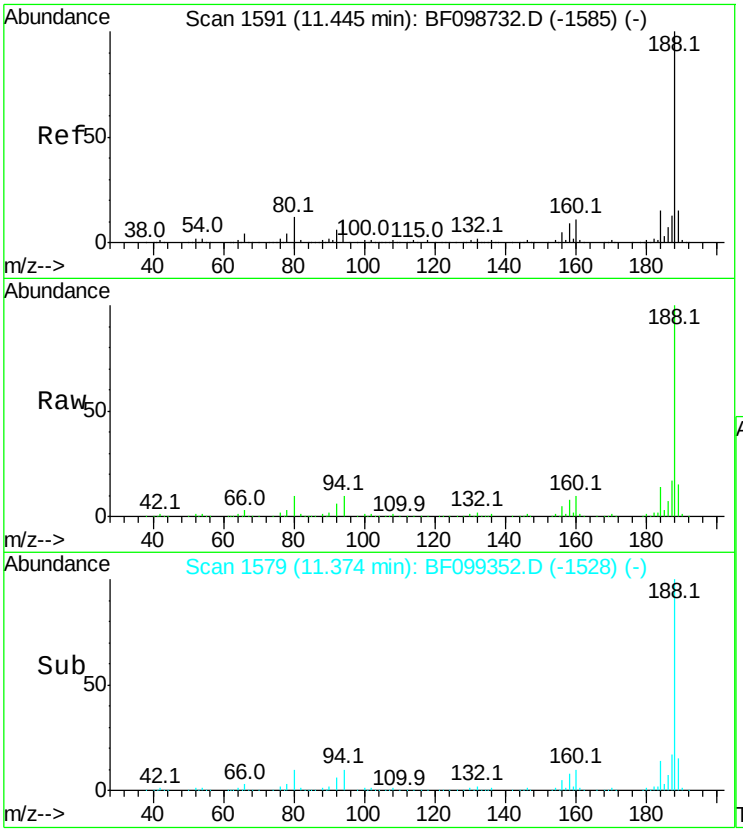




#44
2-Fluorobiphenyl
Concen: 83.669 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:172 Resp: 1067989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.7 | 44.5 |
| 170 | 23.6 | 19.6 | 29.4 |



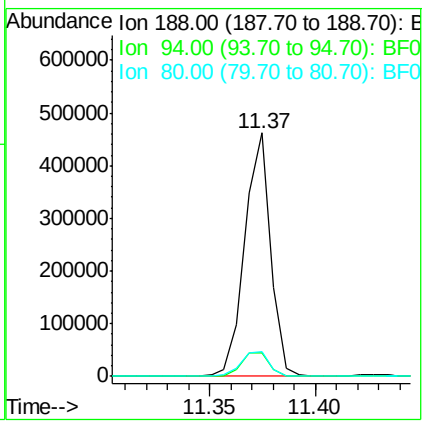


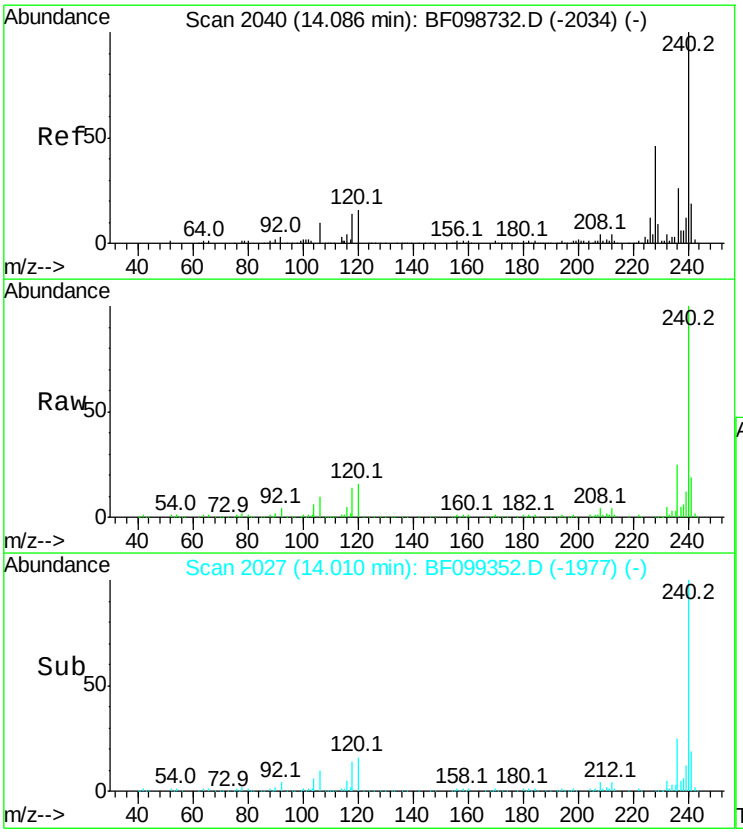

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion:188 Resp: 394542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 8.5 | 12.7 |
| 80 | 10.4 | 9.2 | 13.8 |

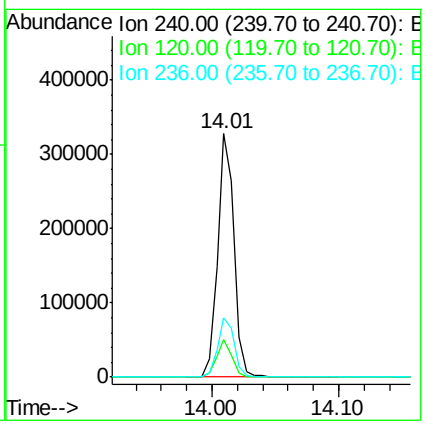


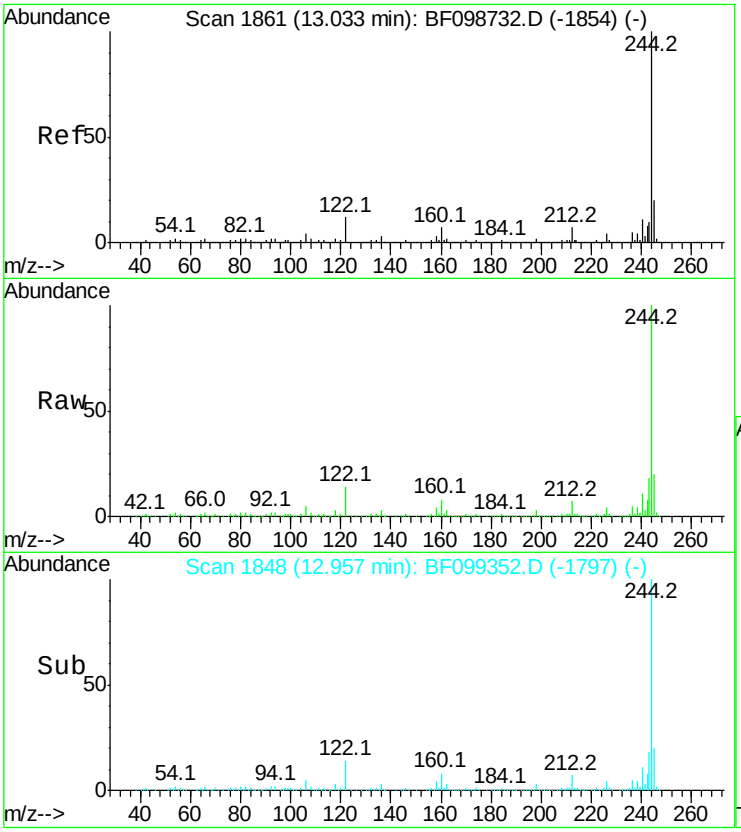




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:240 Resp: 295838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.5 | 9.5 | 14.3# |
| 236 | 24.6 | 20.7 | 31.1 |



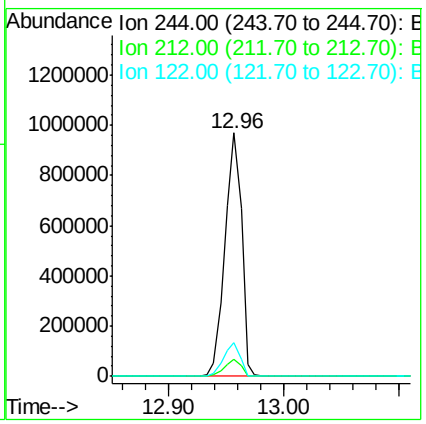


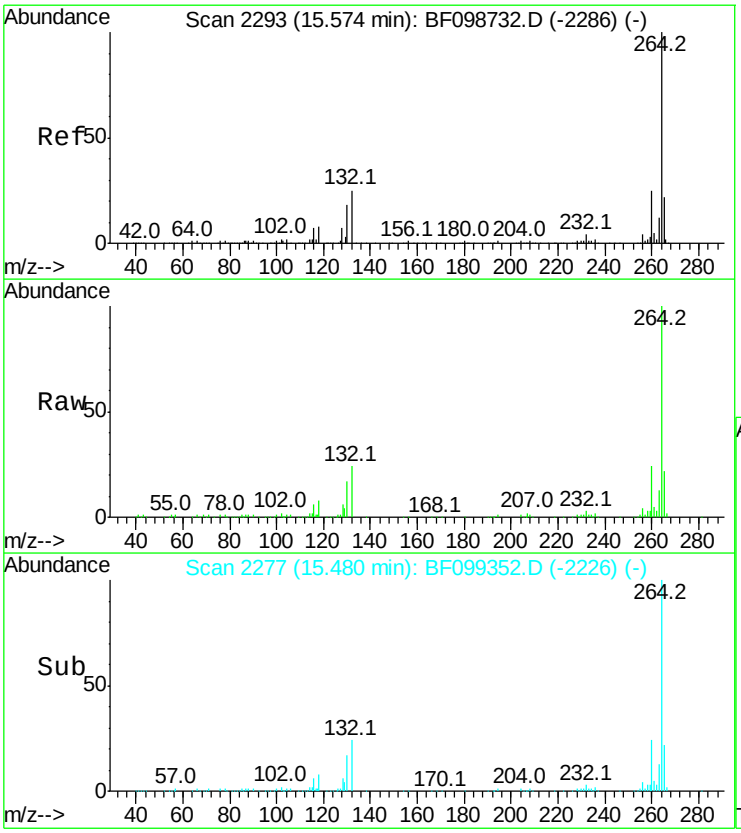

#78
Terphenyl-d14
Concen: 74.296 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

**Instrument :**
BNA_F
**ClientSampleId :**
PB103129BL

Tgt Ion:244 Resp: 966476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.4 | 8.0 |
| 122 | 13.7 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:264 Resp: 200531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.2 | 28.8 |
| 265 | 22.1 | 17.5 | 26.3 |