Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100419.D
Acq On : 11 Nov 2017 4:22
Operator : SJ/JU
Sample : I6355-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 110317-TIFR-F-U-M

Quant Time: Nov 13 07:54:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 155332 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.18 | 136 | 564615 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.94 | 164 | 232836 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.42 | 188 | 371086 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.06 | 240 | 307586 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.54 | 264 | 231458 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 476269 | 49.15 | ng | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 374353 | 31.33 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 968669 | 113.43 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 213496 | 89.98 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 1595425 | 104.34 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.01 | 244 | 1156470 | 86.39 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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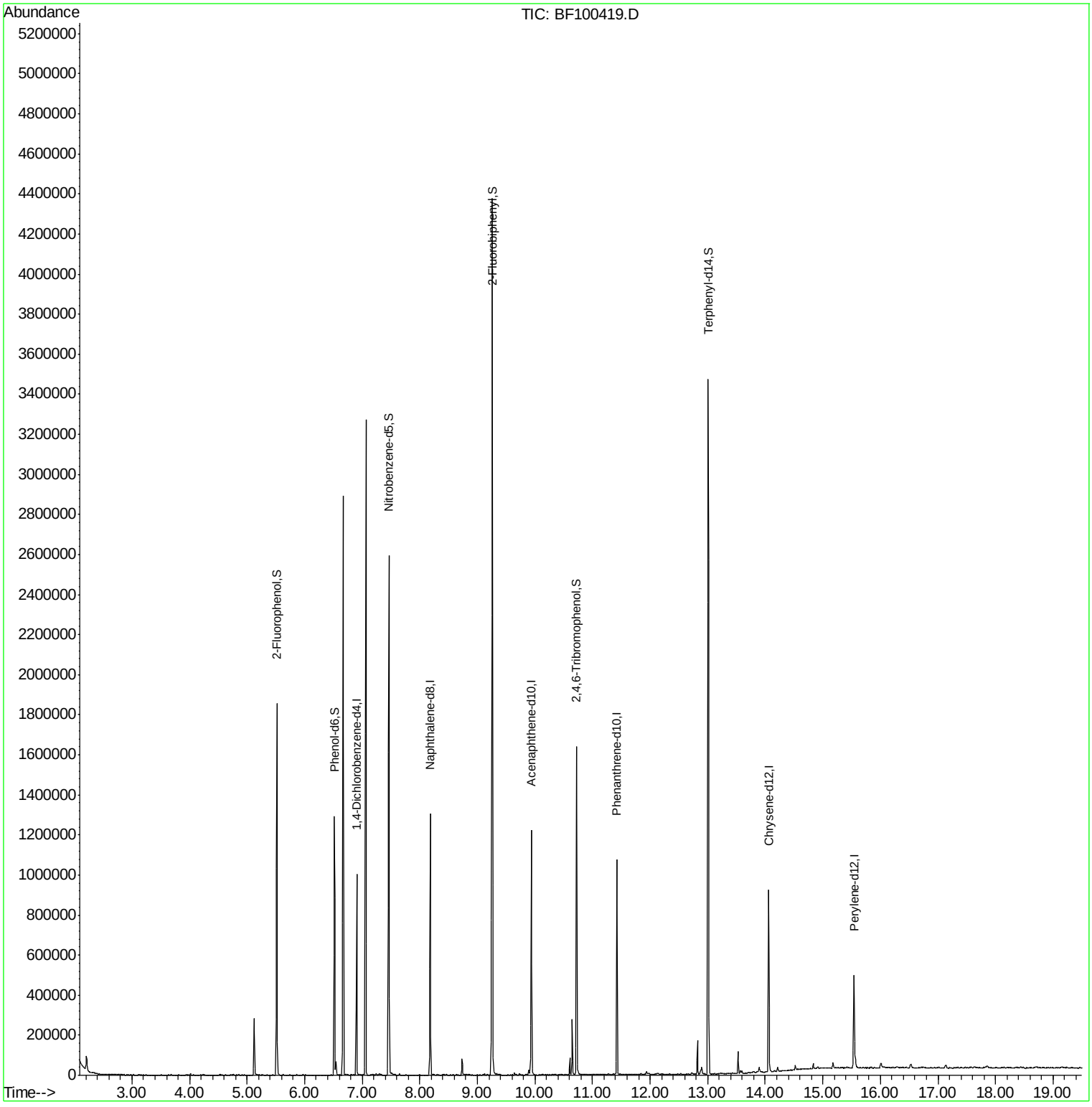
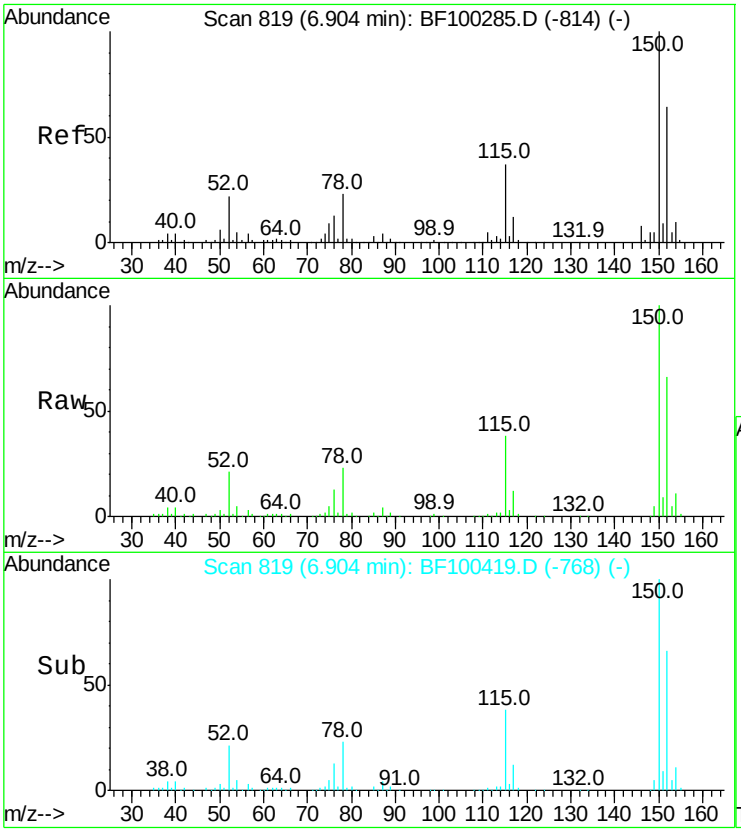


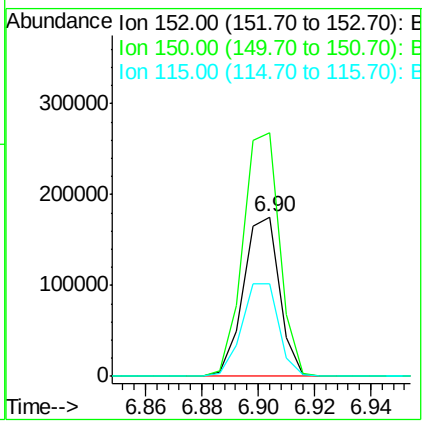


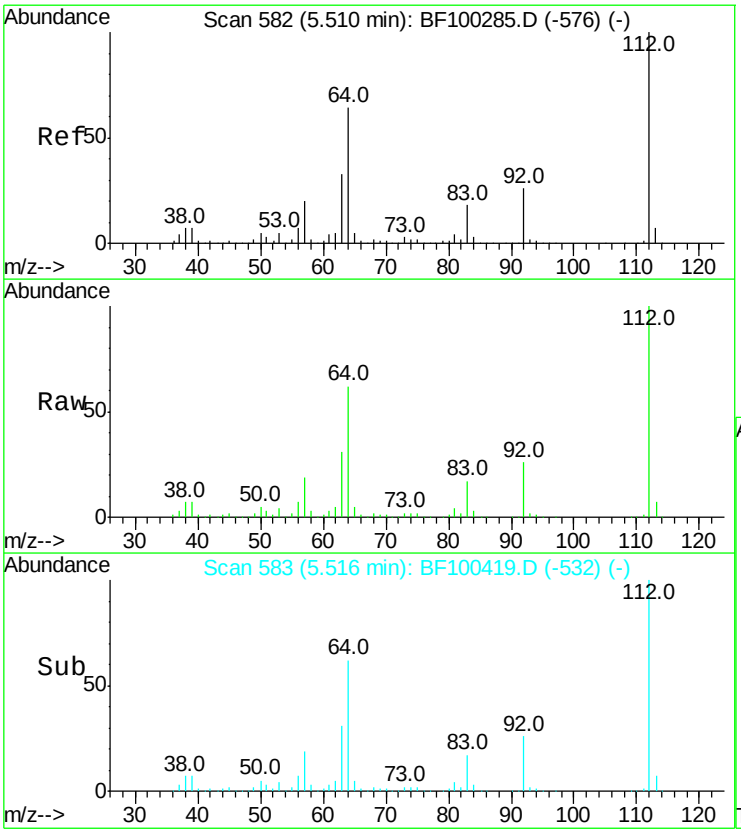

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion:152 Resp: 155332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.5 | 124.6 | 186.8 |
| 115 | 58.3 | 50.1 | 75.1 |

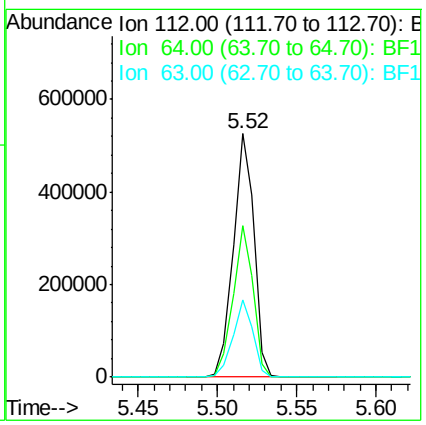


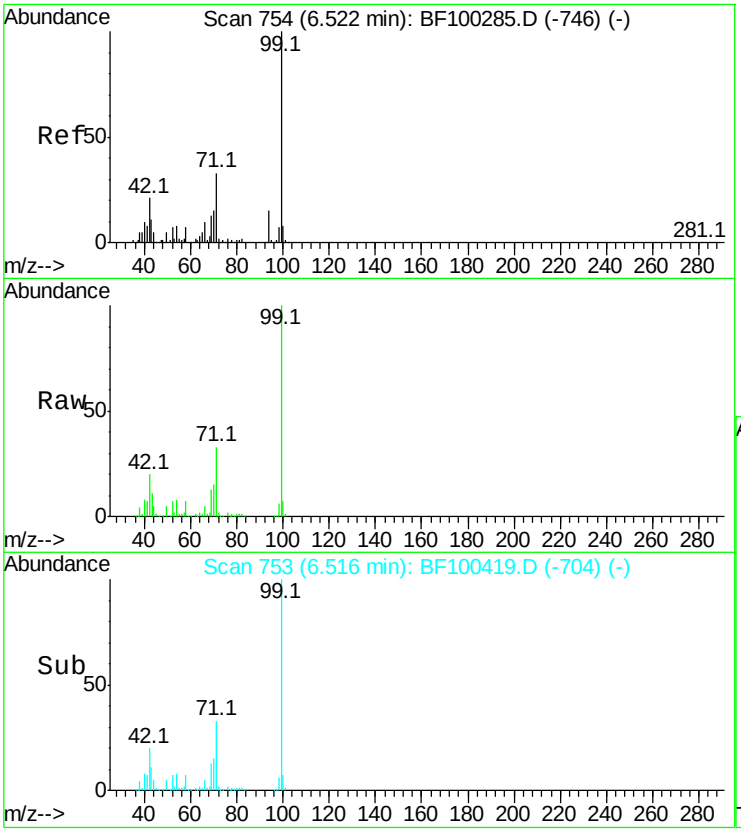




#5
2-Fluorophenol
Concen: 49.150 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:112 Resp: 476269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.3 | 47.9 | 71.9 |
| 63 | 31.5 | 23.7 | 35.5 |



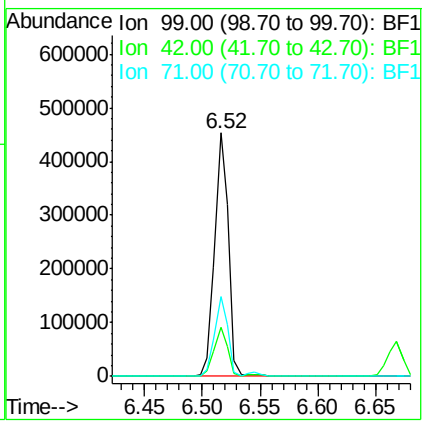


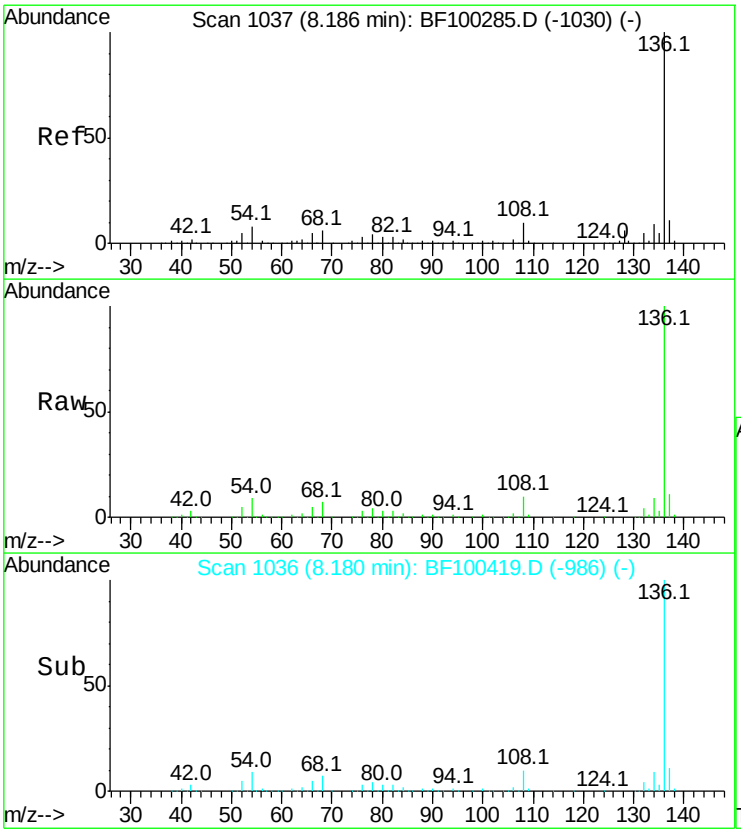

#7
Phenol-d6
Concen: 31.329 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion: 99 Resp: 374353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.4 | 14.5 | 21.7 |
| 71 | 32.9 | 25.4 | 38.0 |

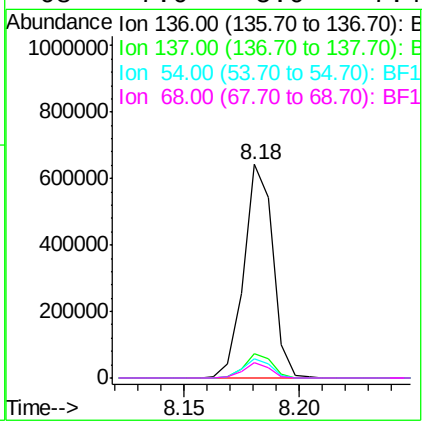


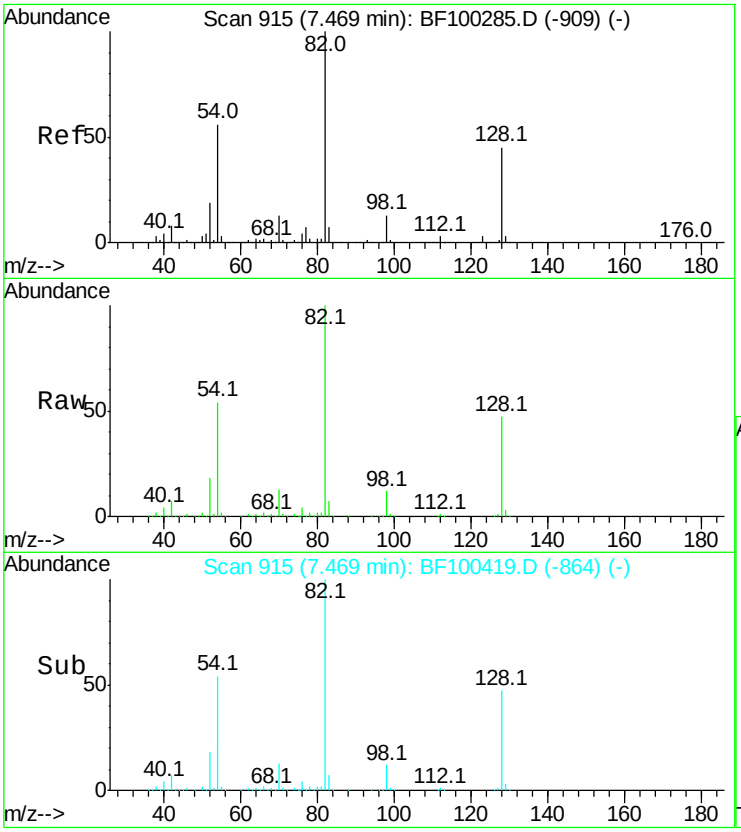




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:136 Resp: 564615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 9.3 | 6.6 | 9.8 |
| 68 | 7.0 | 5.0 | 7.4 |



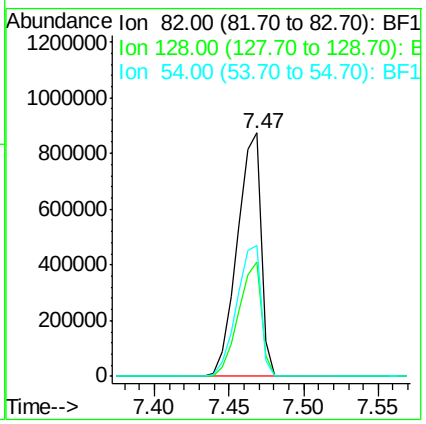


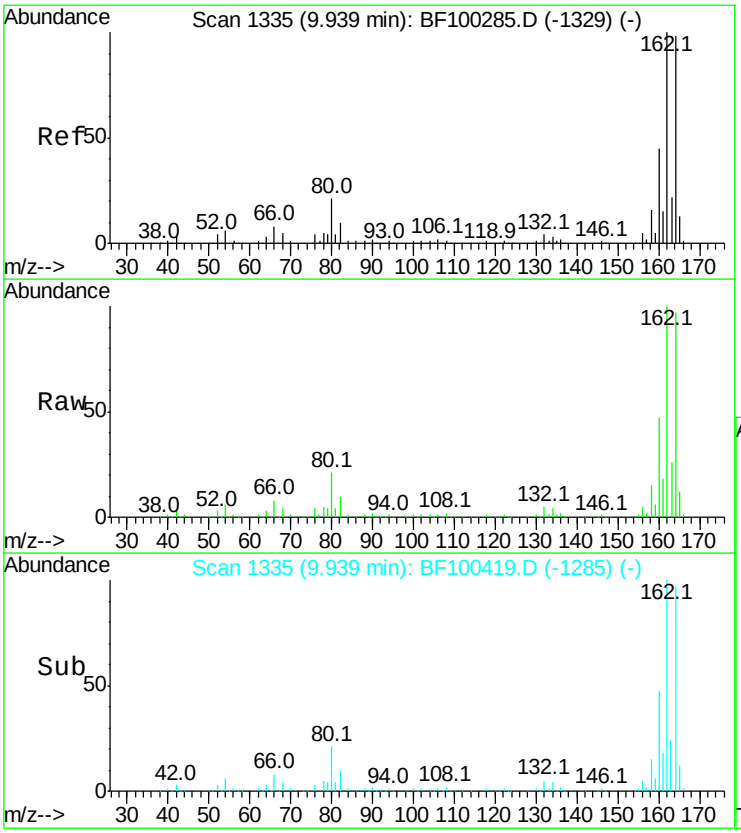

#23
Nitrobenzene-d5
Concen: 113.426 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion: 82 Resp: 968669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 36.1 | 54.1 |
| 54 | 53.6 | 41.4 | 62.2 |

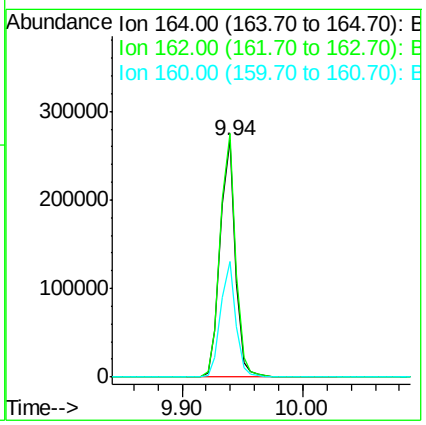


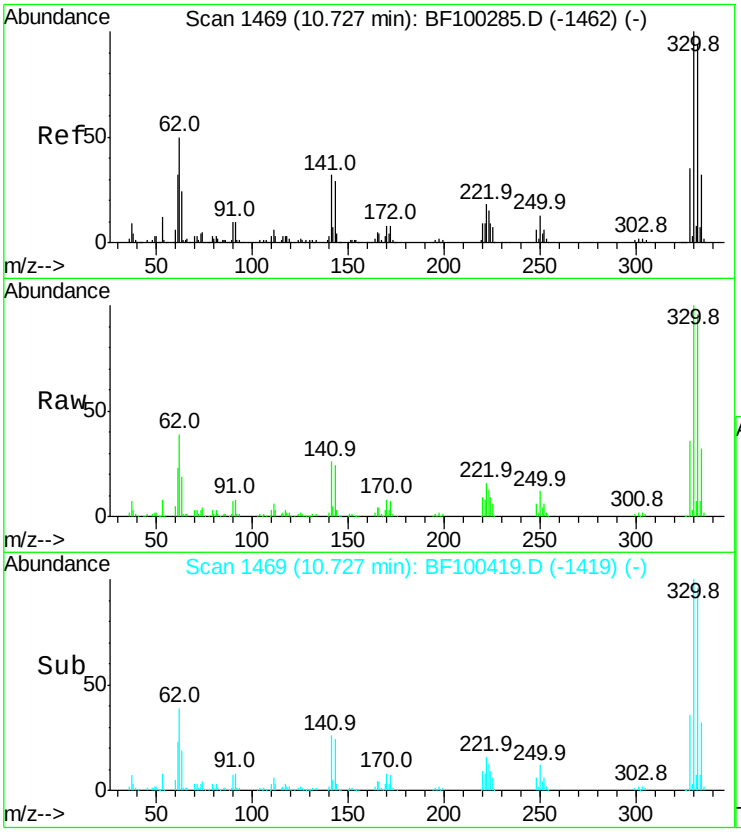




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:164 Resp: 232836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 86.1 | 129.1 |
| 160 | 48.6 | 38.3 | 57.5 |



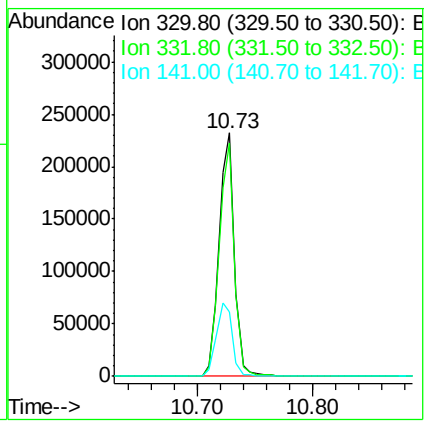


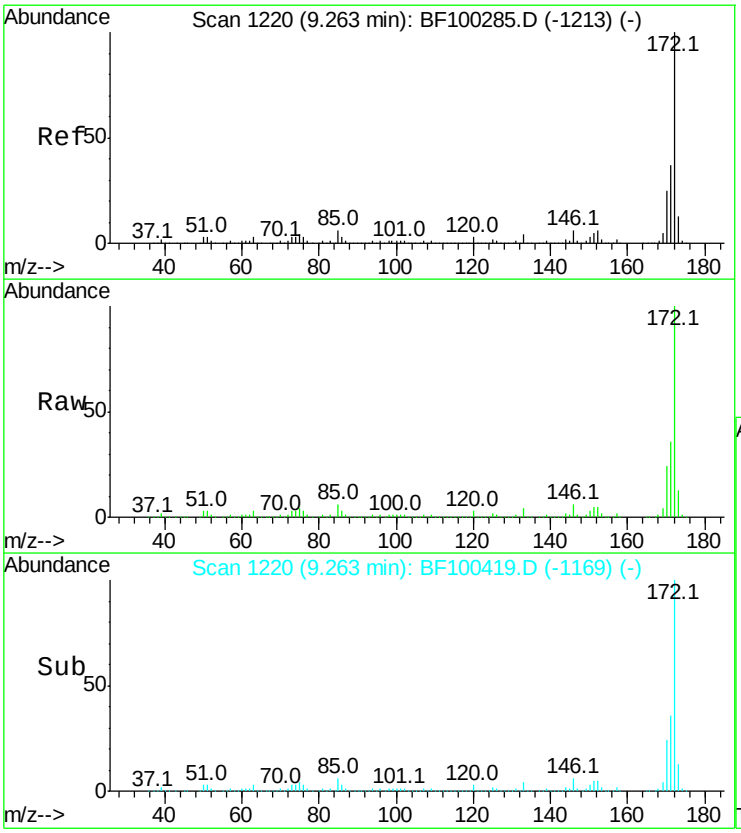

#41
2,4,6-Tribromophenol
Concen: 89.984 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion:330 Resp: 213496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 77.0 | 115.6 |
| 141 | 31.5 | 29.9 | 44.9 |

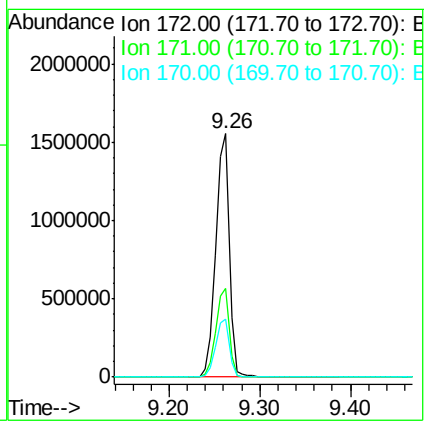


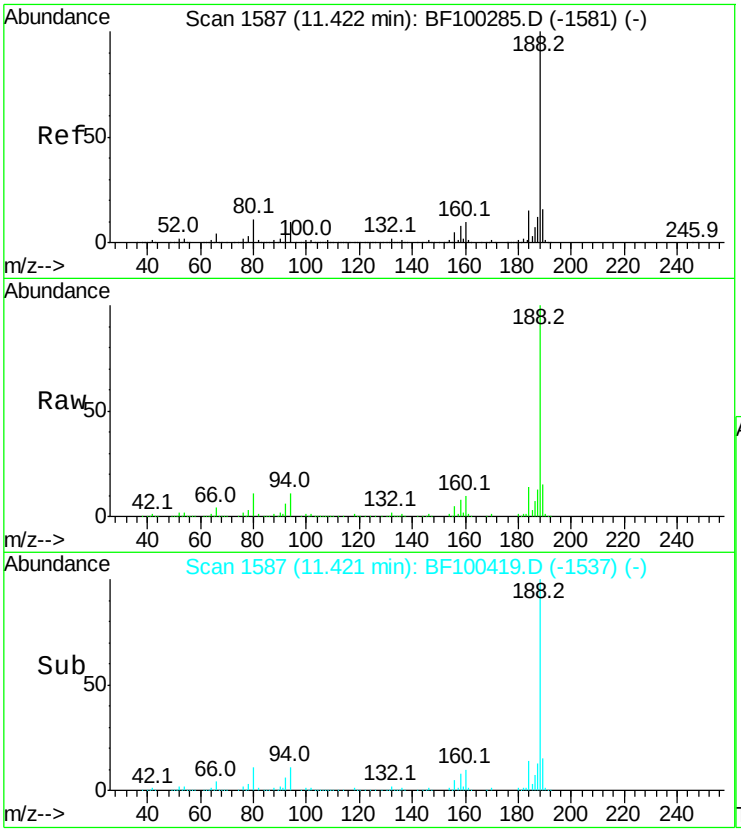




#44
2-Fluorobiphenyl
Concen: 104.338 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:172 Resp: 1595425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.7 | 44.5 |
| 170 | 23.9 | 19.6 | 29.4 |



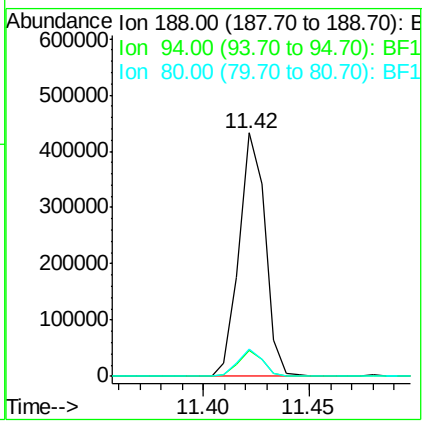


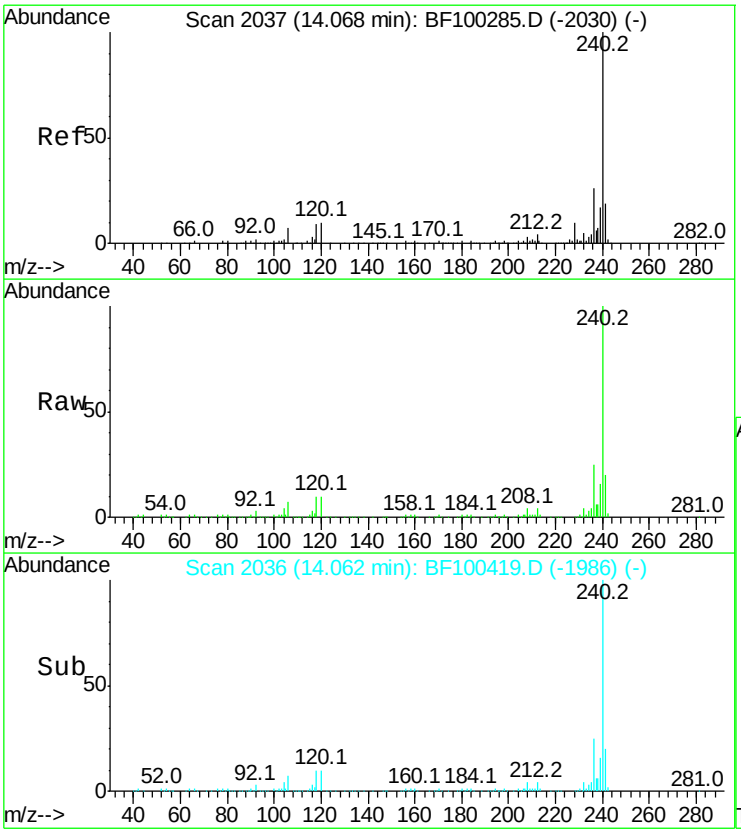

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion:188 Resp: 371086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 8.5 | 12.7 |
| 80 | 11.2 | 9.2 | 13.8 |

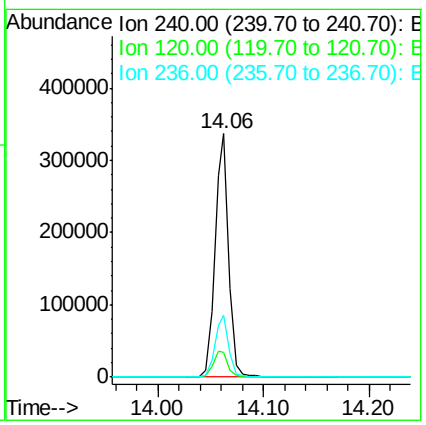


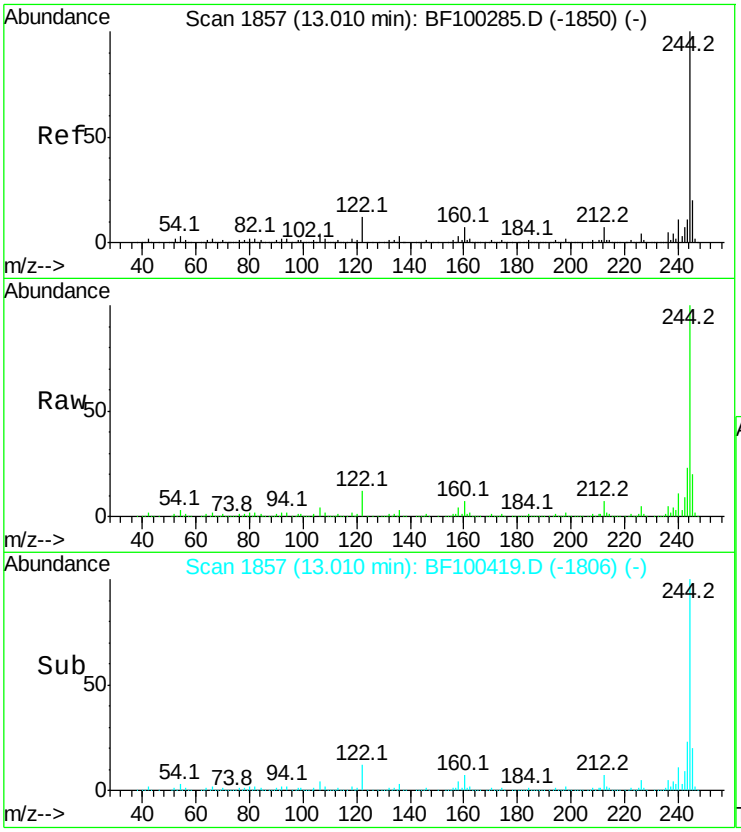




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:240 Resp: 307586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 9.5 | 14.3 |
| 236 | 25.3 | 20.7 | 31.1 |



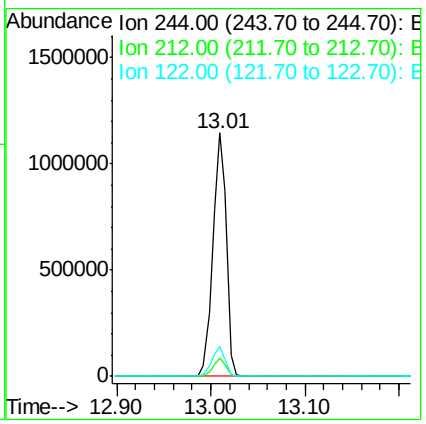


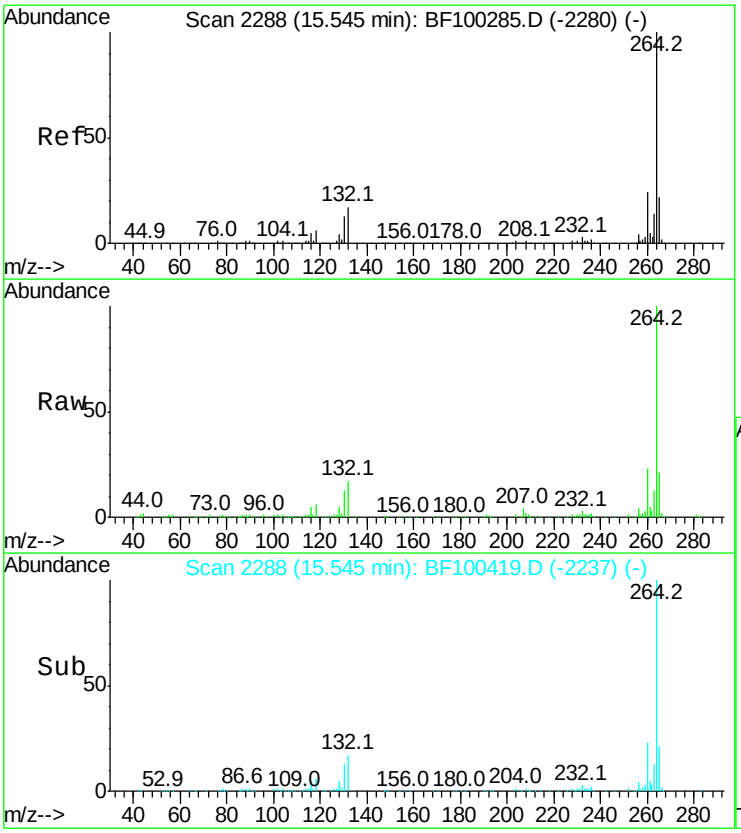

#78
Terphenyl-d14
Concen: 86.390 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

**Instrument :**
BNA_F
**ClientSampleId :**
110317-TIFR-F-U-M

Tgt Ion:244 Resp: 1156470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.4 | 8.0 |
| 122 | 12.1 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100419.D
Acq: 11 Nov 2017 4:22

Tgt Ion:264 Resp: 231458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.2 | 28.8 |
| 265 | 21.3 | 17.5 | 26.3 |