Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112838.D
Acq On : 4 Mar 2019 21:34
Operator : JU/SJ
Sample : K1714-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-D-5-8

Quant Time: Mar 05 00:40:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 160772 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.03 | 136 | 614907 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.77 | 164 | 273617 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.26 | 188 | 502489 | 20.00 | ng | 0.01 |
| 76) Chrysene-d12 | 13.89 | 240 | 385534 | 20.00 | ng | 0.01 |
| 87) Perylene-d12 | 15.30 | 264 | 277436 | 20.00 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 346381 | 33.51 | ng | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 512674 | 39.49 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 283891 | 27.63 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 159659 | 54.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.10 | 172 | 668608 | 34.39 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.84 | 244 | 688332 | 34.61 | ng | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 36377 | 4.424 | ng | # 76 |
| 25) Isophorone | 7.30 | 82 | 281575 | 12.719 | ng | # 66 |
| 51) 2,6-Dinitrotoluene | 9.77 | 165 | 40423 | 9.622 | ng | # 18 |

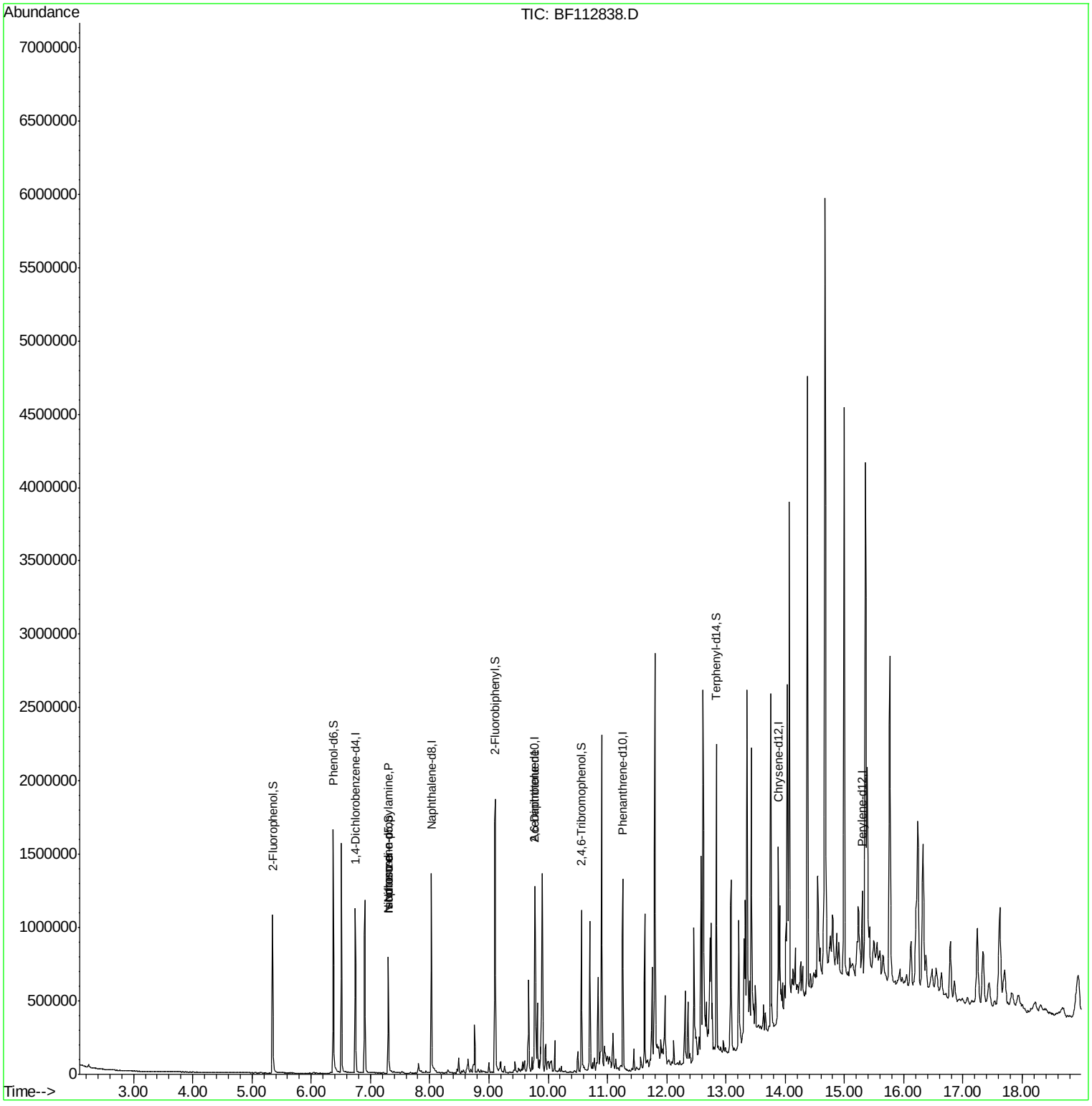
(#) = qualifier out of range (m) = manual integration (+) = signals summed

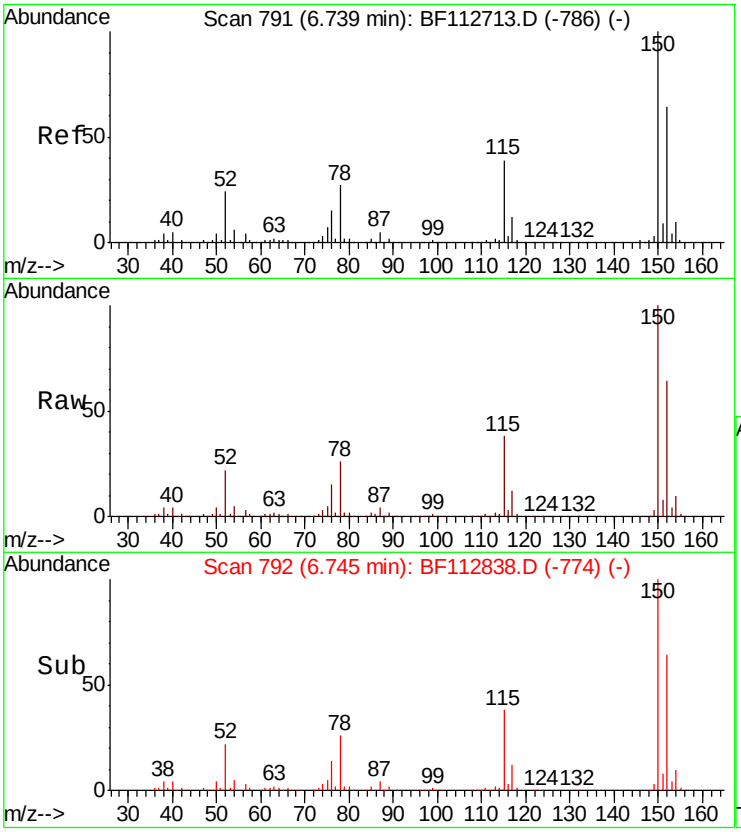
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112838.D
Acq On : 4 Mar 2019 21:34
Operator : JU/SJ
Sample : K1714-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Quant Time: Mar 05 00:40:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



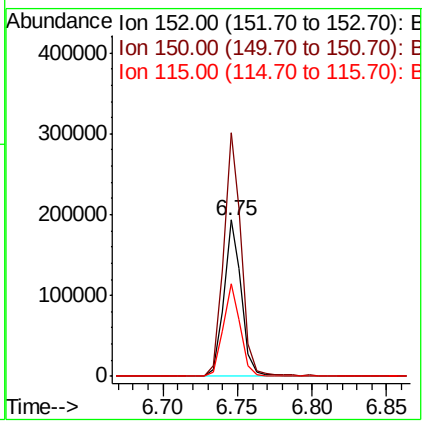


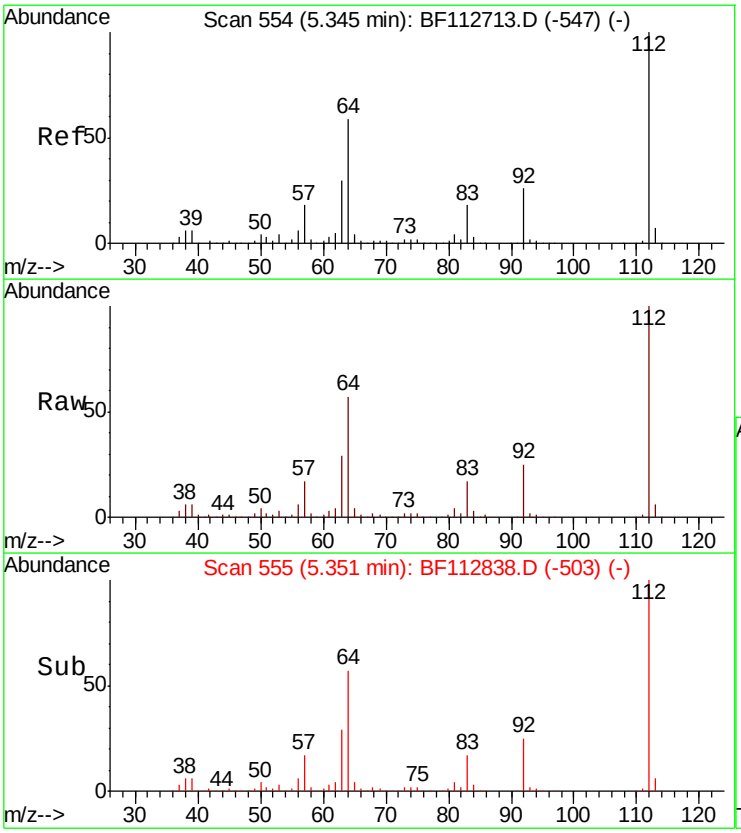

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:152 Resp: 160772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 124.2 | 186.2 |
| 115 | 59.1 | 48.2 | 72.4 |

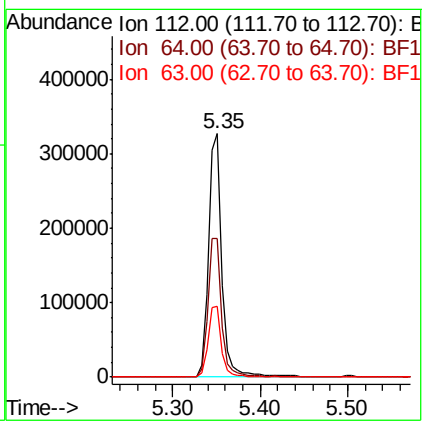


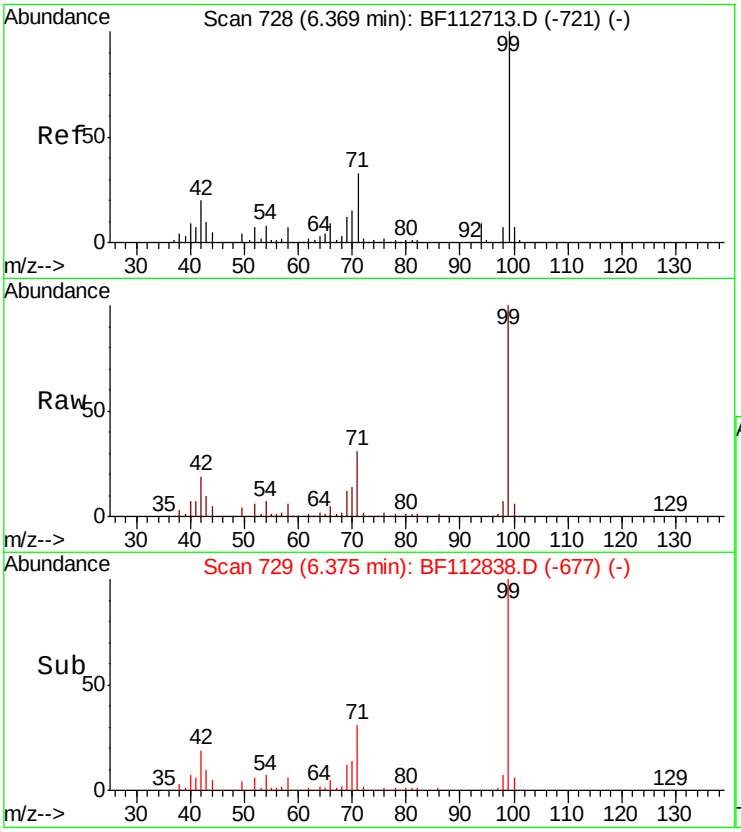




#5
2-Fluorophenol
Concen: 33.514 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion:112 Resp: 346381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.0 | 47.6 | 71.4 |
| 63 | 29.0 | 24.4 | 36.6 |



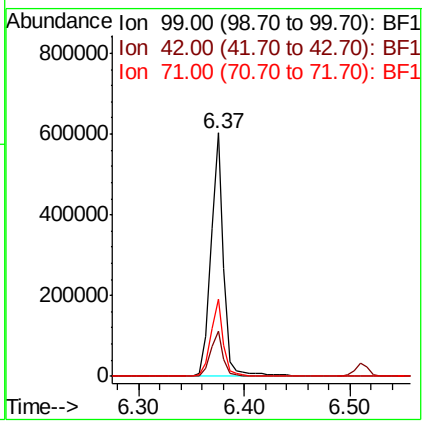


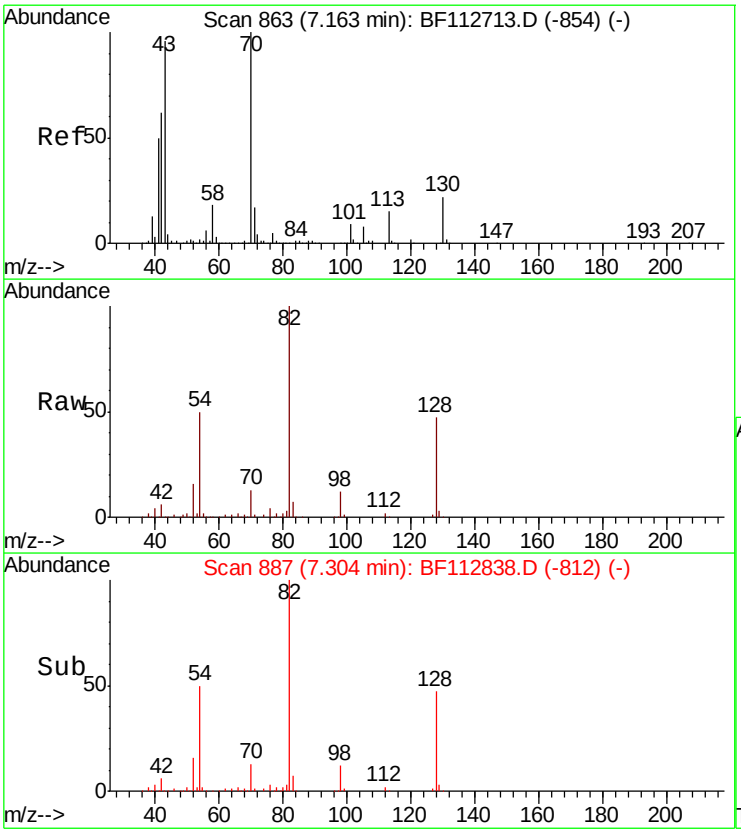

#7
Phenol-d6
Concen: 39.488 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion: 99 Resp: 512674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 16.3 | 24.5 |
| 71 | 31.5 | 26.2 | 39.4 |

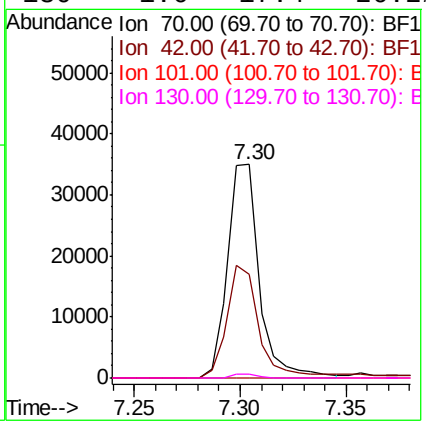


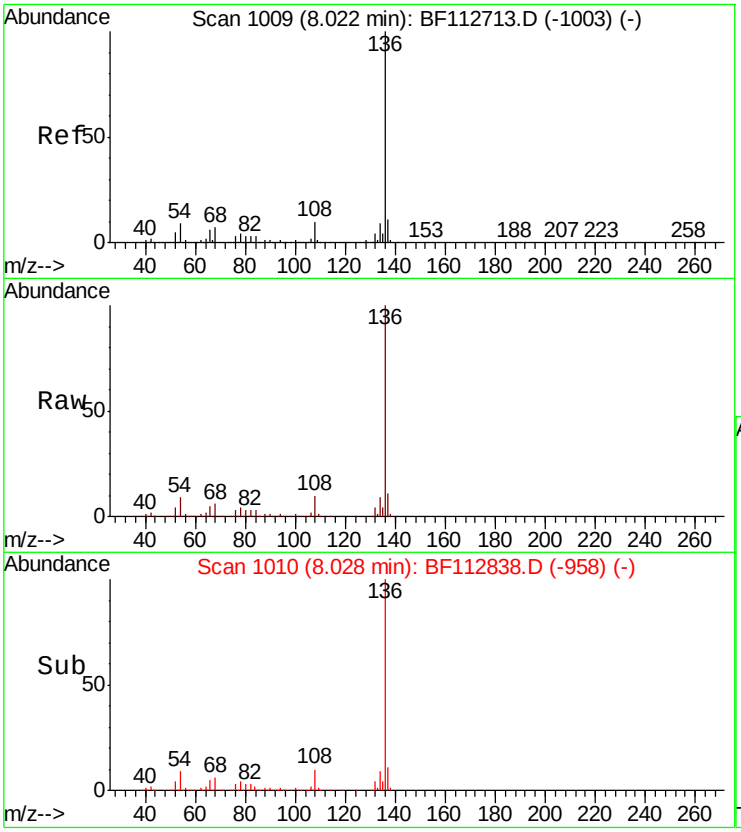




#19
n-Nitroso-di-n-propylamine
Concen: 4.424 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion: 70 Resp: 36377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.5 | 49.9 | 74.9# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.6 | 17.4 | 26.2# |



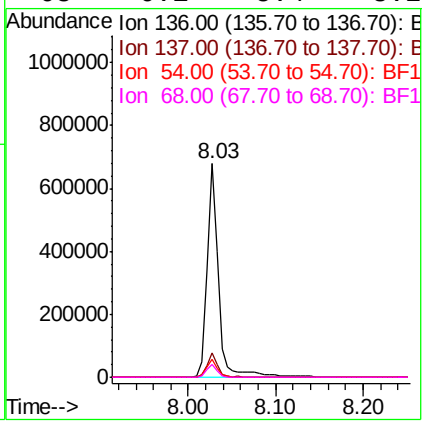


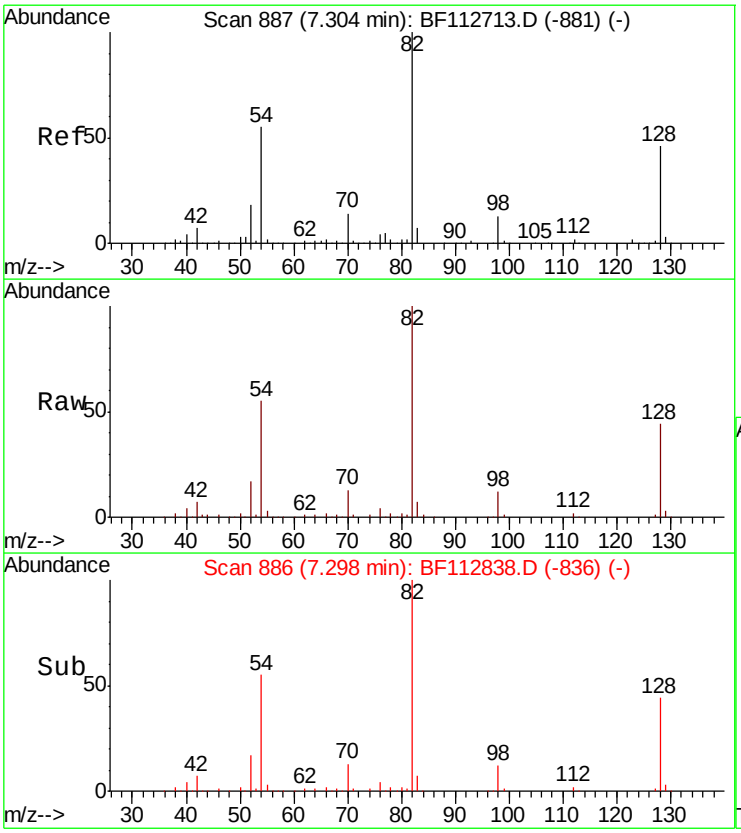

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:136 Resp: 614907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.9 | 13.3 |
| 54 | 8.5 | 7.3 | 10.9 |
| 68 | 6.1 | 5.4 | 8.2 |

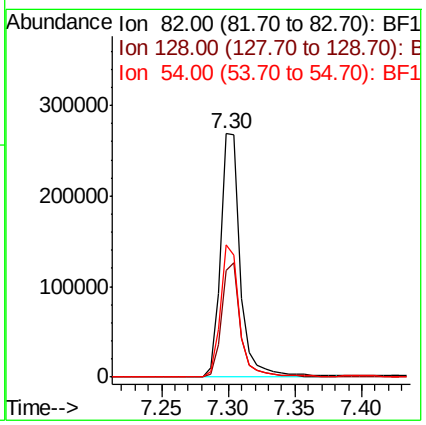


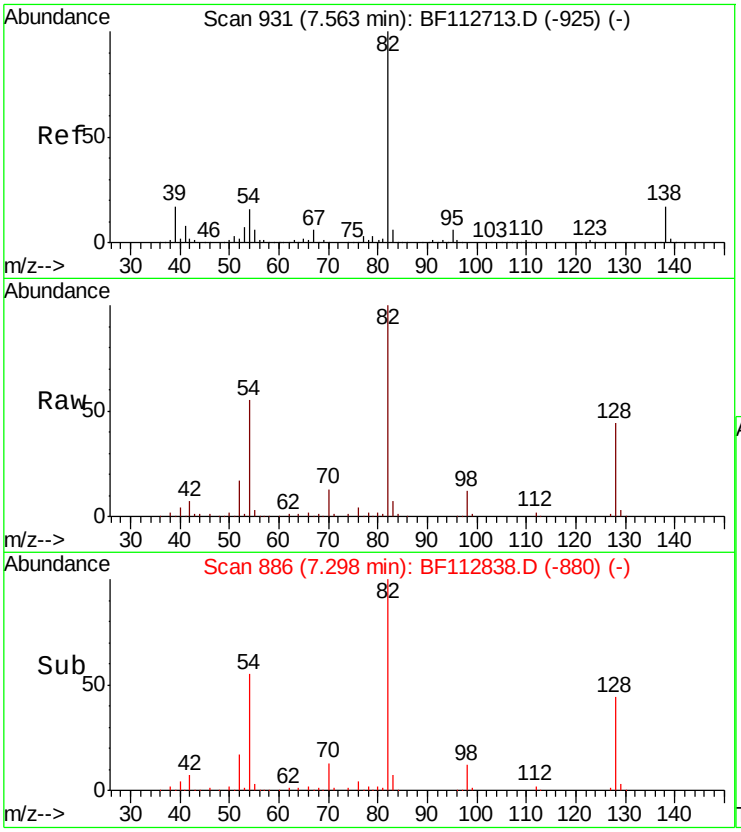




#23
Nitrobenzene-d5
Concen: 27.626 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion: 82 Resp: 283891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 36.3 | 54.5 |
| 54 | 54.5 | 43.7 | 65.5 |



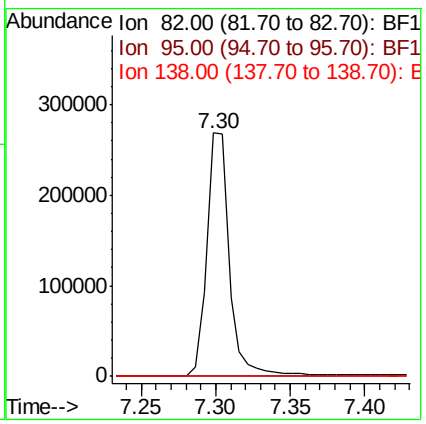


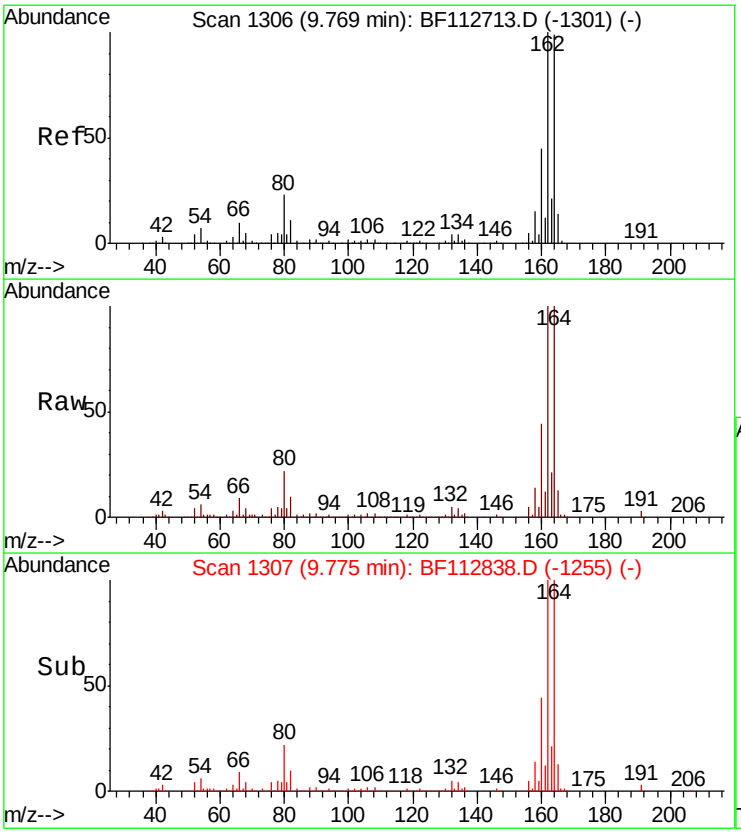

#25
Isophorone
Concen: 12.719 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion: 82 Resp: 281575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 13.8 | 20.8# |

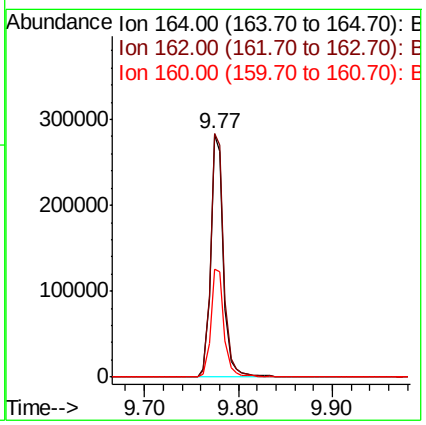


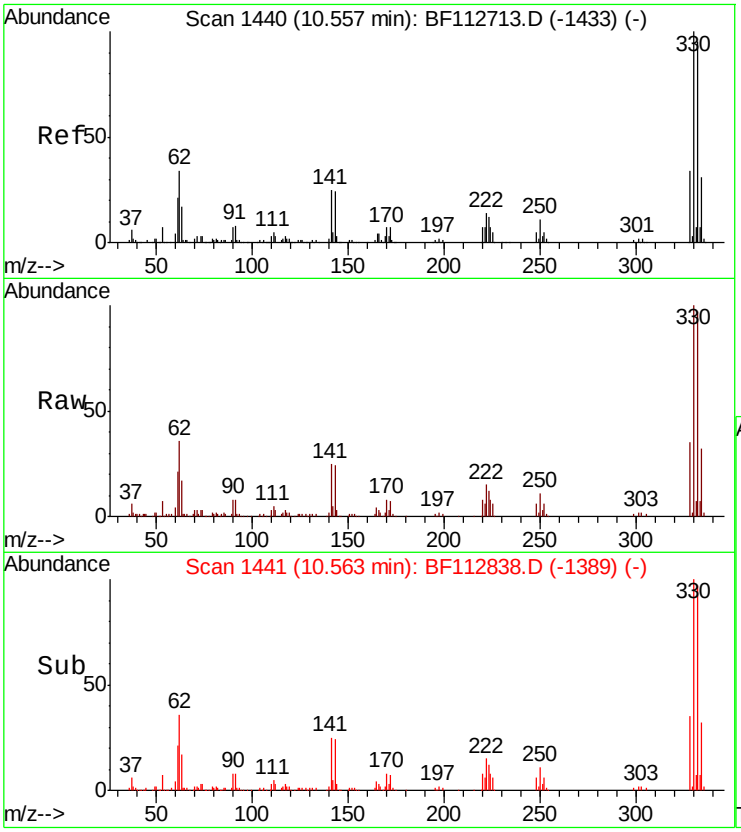




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion:164 Resp: 273617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 80.6 | 120.8 |
| 160 | 44.3 | 36.0 | 54.0 |



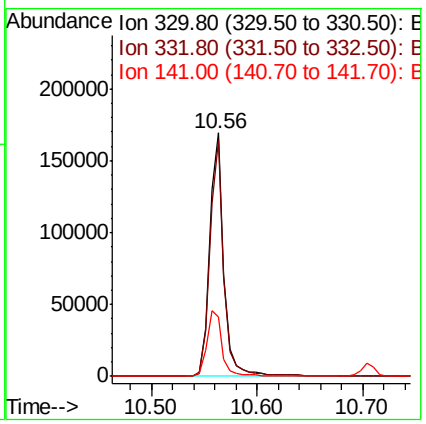


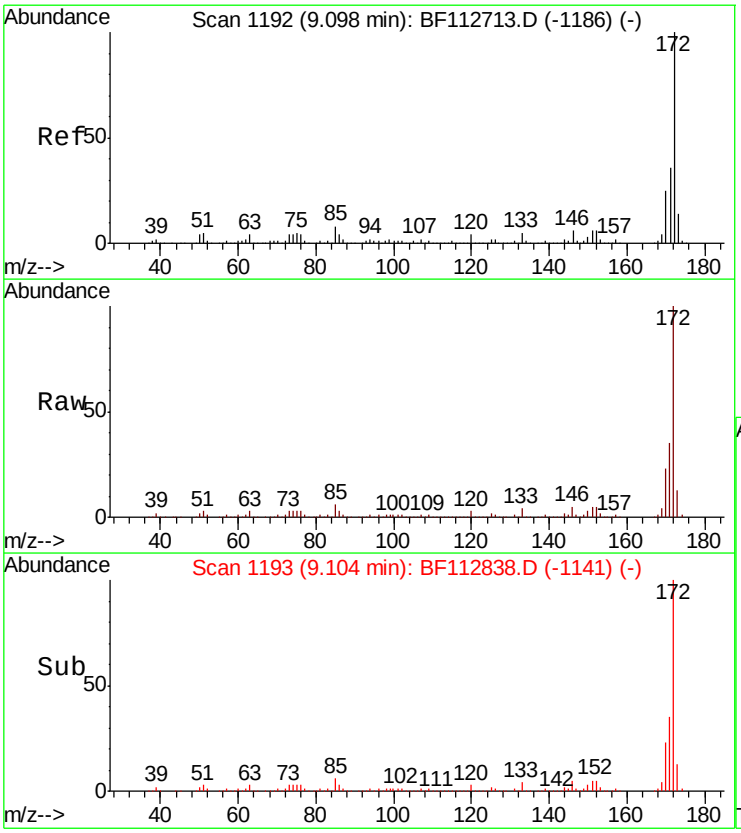

#42
2,4,6-Tribromophenol
Concen: 54.964 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:330 Resp: 159659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.2 | 114.4 |
| 141 | 29.1 | 27.0 | 40.6 |

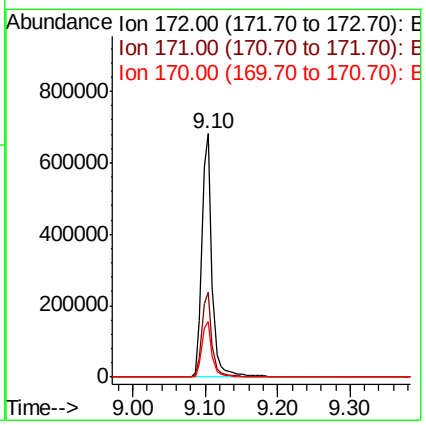


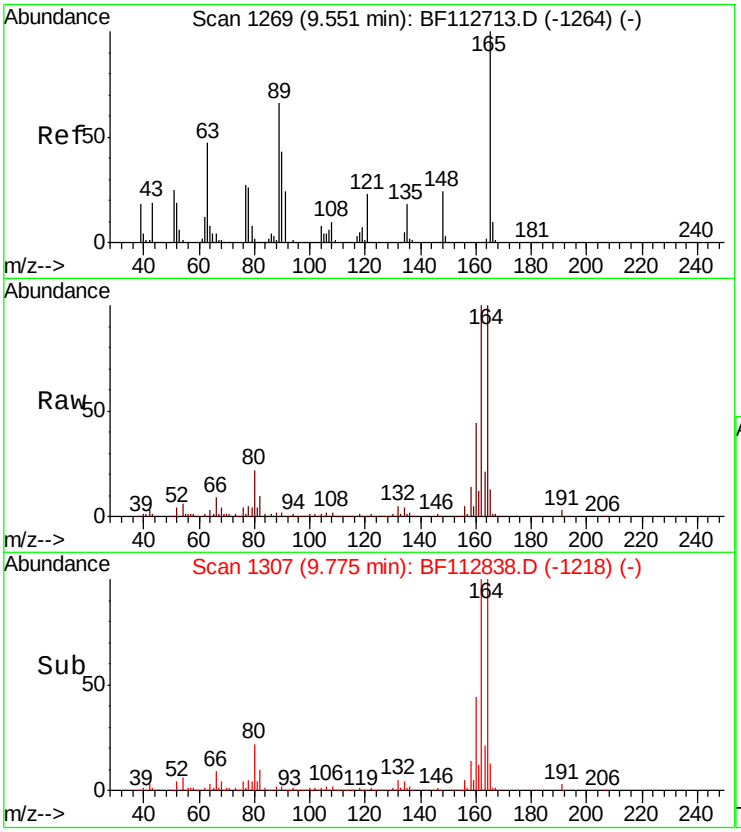




#45
2-Fluorobiphenyl
Concen: 34.392 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion:172 Resp: 668608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 29.0 | 43.4 |
| 170 | 23.0 | 20.0 | 30.0 |



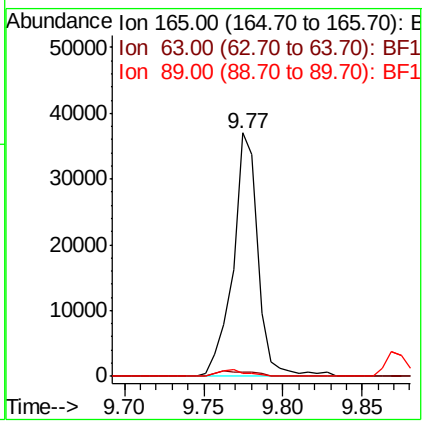


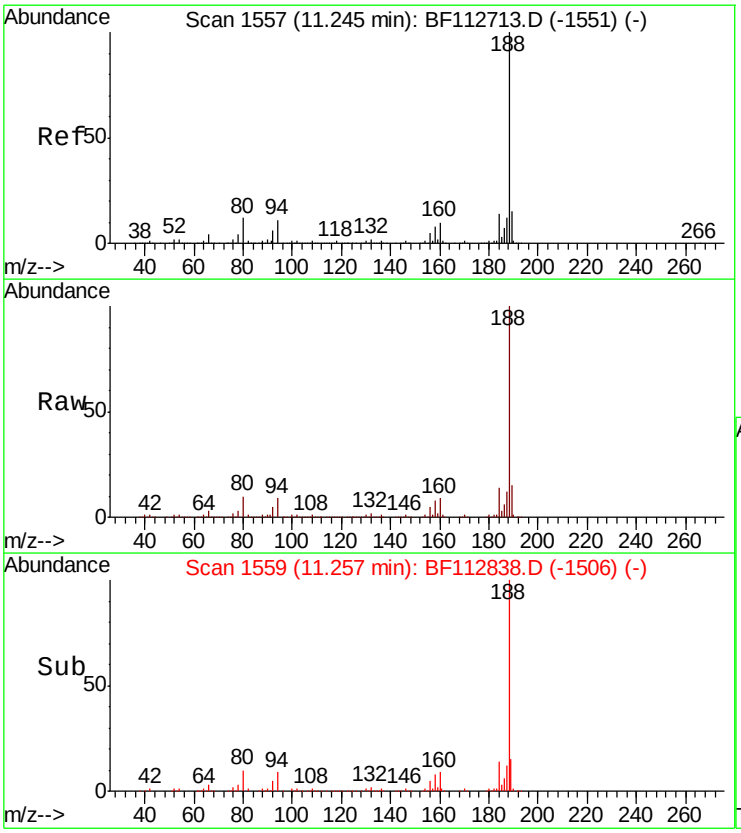

#51
2,6-Dinitrotoluene
Concen: 9.622 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:165 Resp: 40423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.5 | 54.1 | 81.1# |
| 89 | 1.4 | 52.8 | 79.2# |

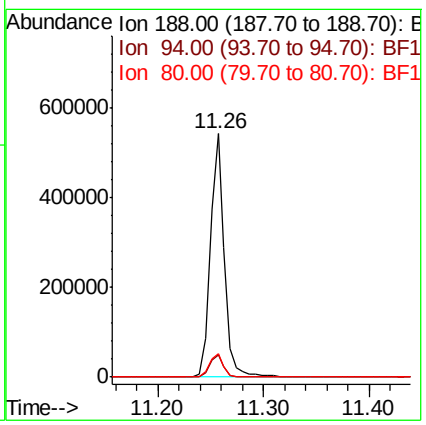


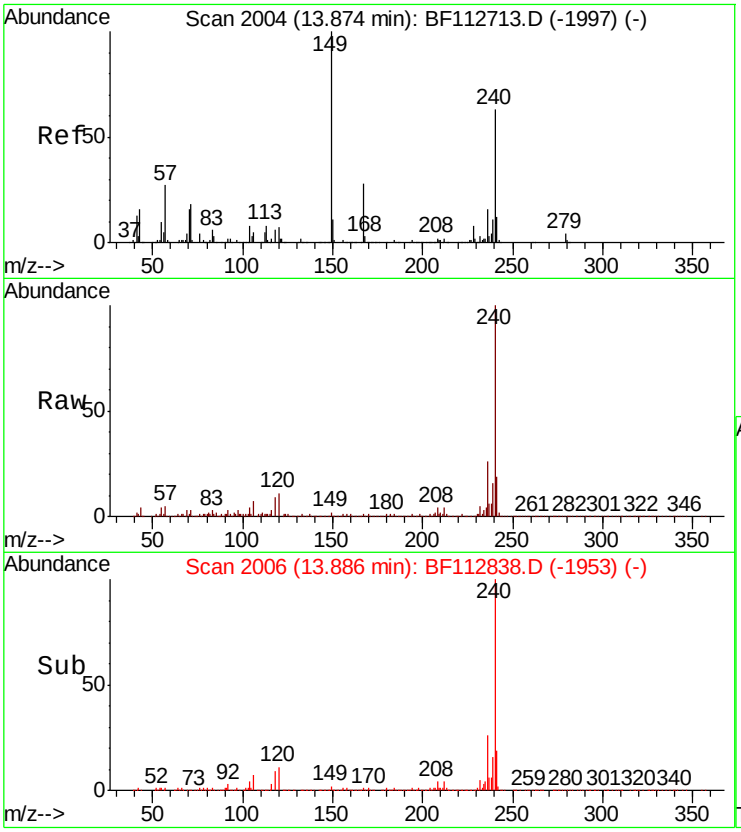




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion:188 Resp: 502489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.1 | 9.0 | 13.4 |
| 80 | 9.6 | 9.2 | 13.8 |



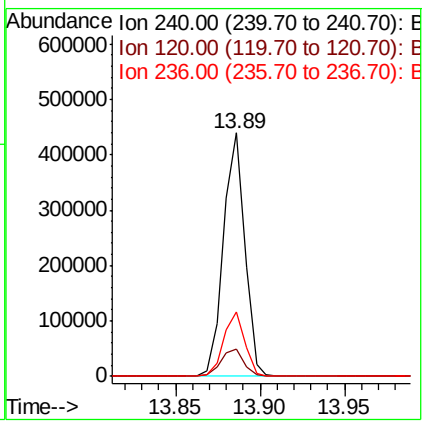


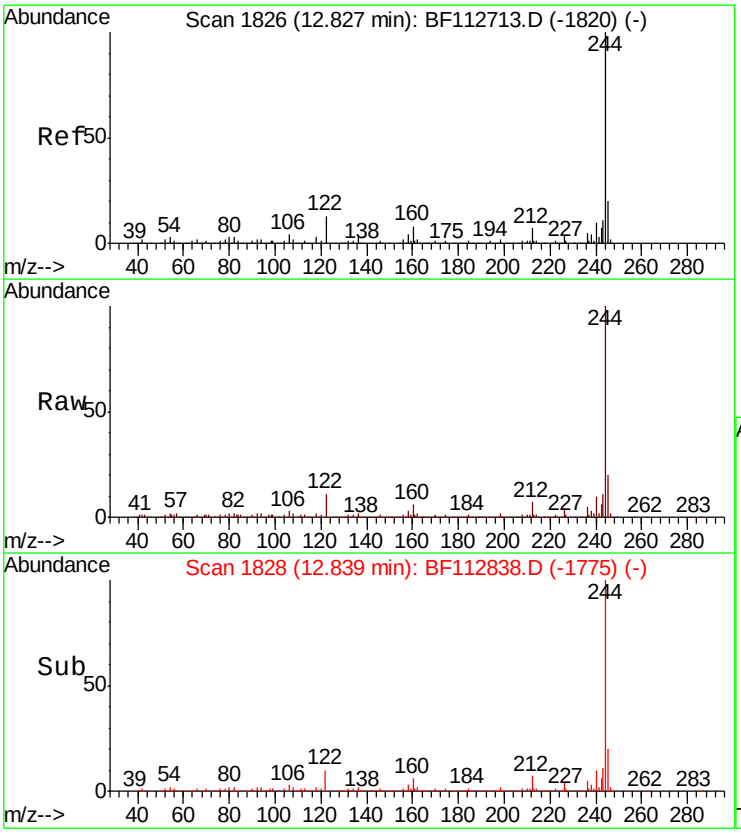

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:240 Resp: 385534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 26.4 | 20.7 | 31.1 |

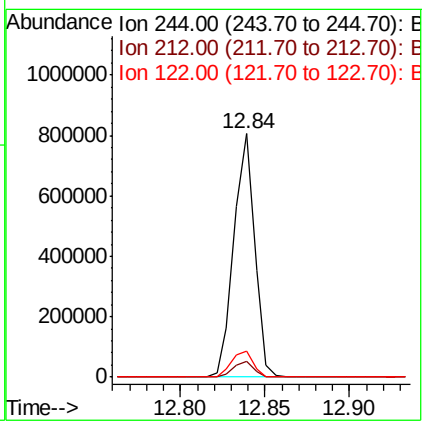


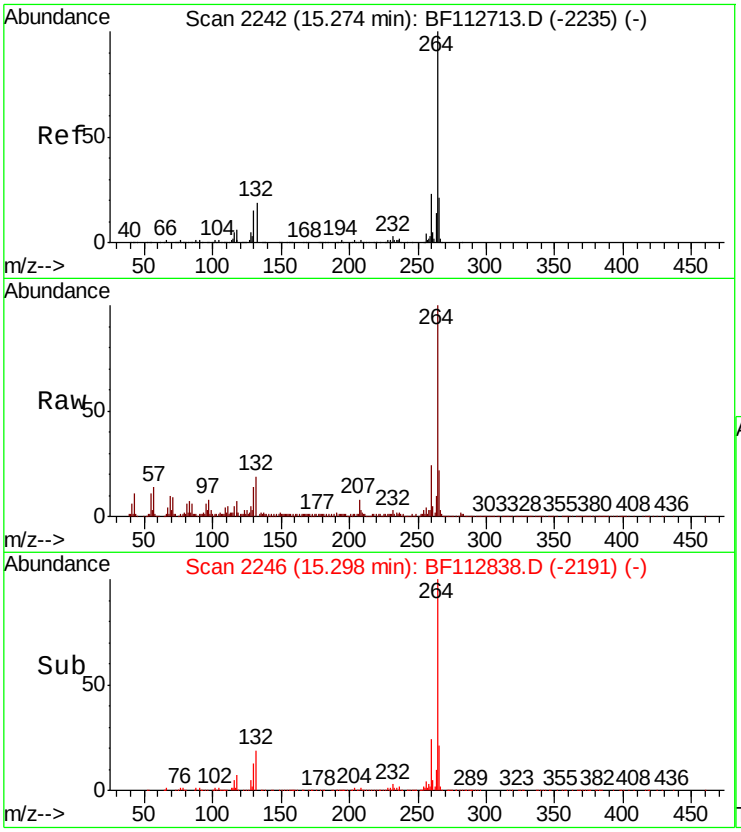




#79
Terphenyl-d14
Concen: 34.610 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

Tgt Ion:244 Resp: 688332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.6 | 8.4 |
| 122 | 10.5 | 10.5 | 15.7 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112838.D
Acq: 4 Mar 2019 21:34

**Instrument :**
BNA_F
**ClientSampleId :**
SB-D-5-8

Tgt Ion:264 Resp: 277436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.7 | 28.1 |
| 265 | 21.8 | 17.2 | 25.8 |