Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111928.D
Acq On : 9 Jan 2019 00:50
Operator : JU/SJ
Sample : K1075-09 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jan 09 01:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 154715 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 463077 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.93 | 164 | 202586 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.42 | 188 | 392243 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.06 | 240 | 293513 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.54 | 264 | 240653 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 172154 | 19.04 | ng | | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 208692 | 17.90 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 106542 | 12.30 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 41352 | 15.69 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.24 | 172 | 180031 | 12.96 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.99 | 244 | 176199 | 11.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.66 | 77 | 3943 | Below Cal | | | 82 |
| 25) Isophorone | 7.44 | 82 | 106541 | 7.593 | ng | # | 65 |
| 51) 2,6-Dinitrotoluene | 9.93 | 165 | 25878 | 7.604 | ng | # | 26 |
| 57) 2,4-Dinitrotoluene | 9.93 | 165 | 25878 | 5.885 | ng | # | 27 |

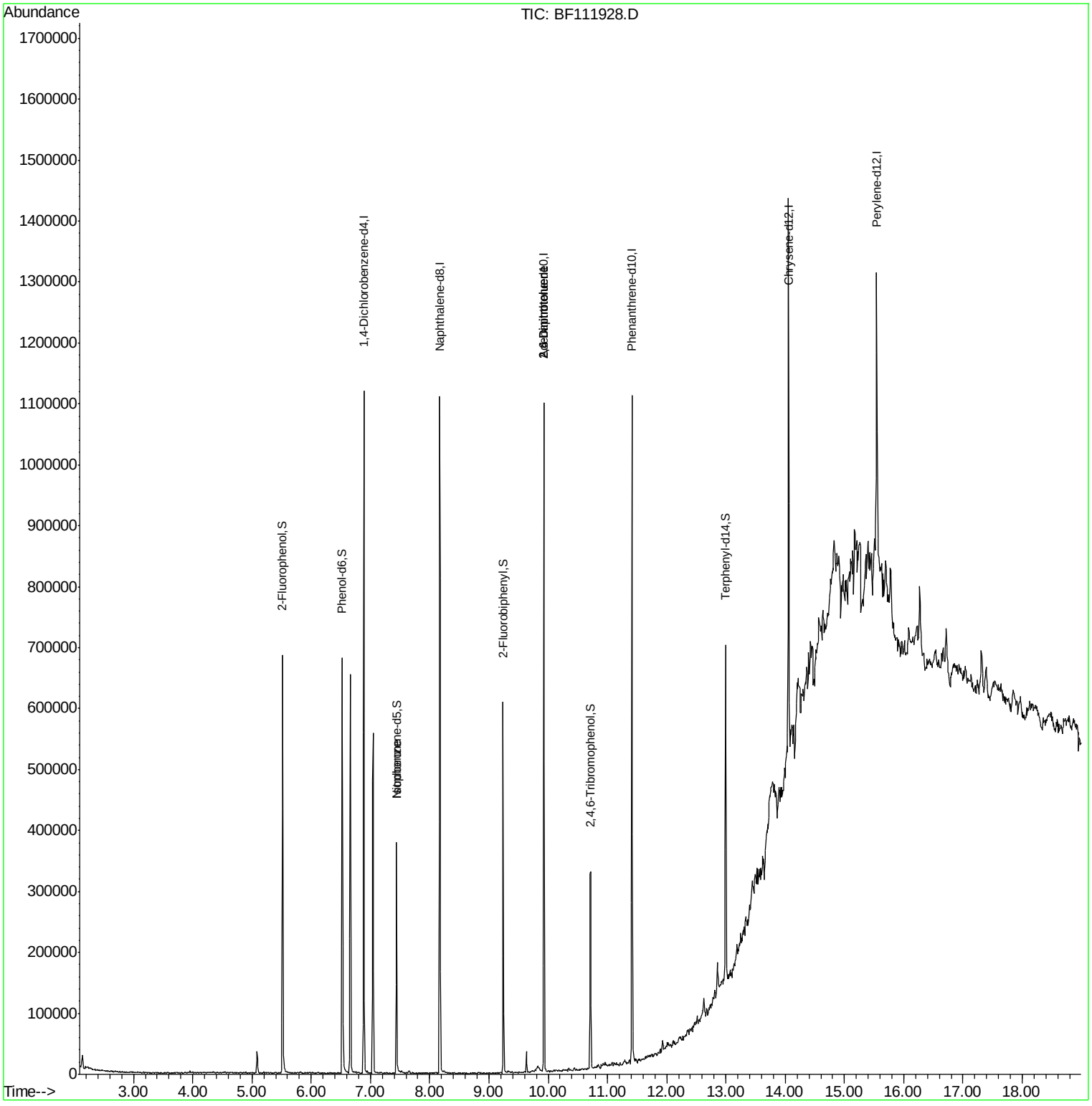
(#) = qualifier out of range (m) = manual integration (+) = signals summed

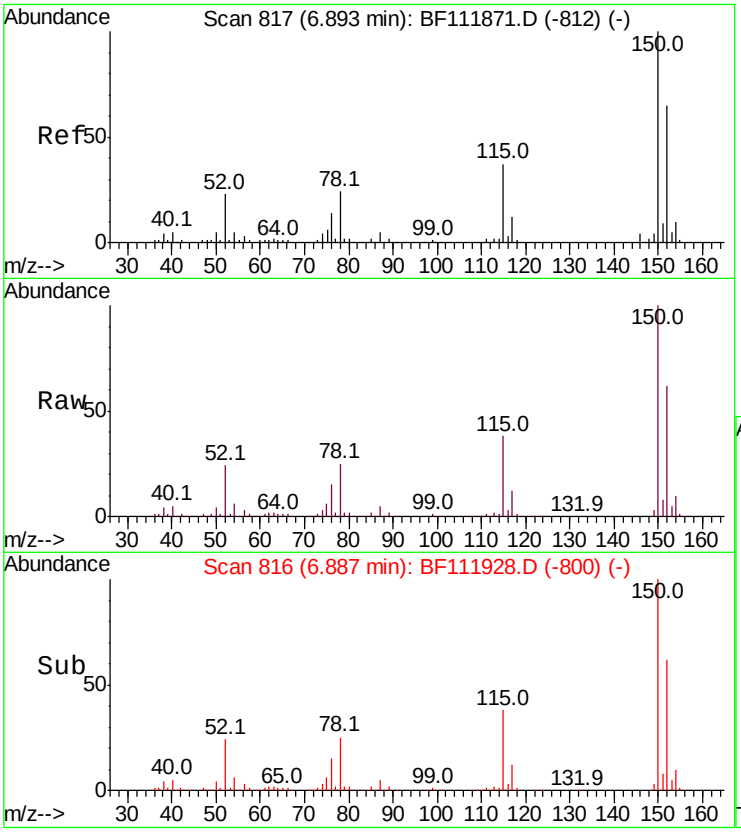
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111928.D
Acq On : 9 Jan 2019 00:50
Operator : JU/SJ
Sample : K1075-09 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jan 09 01:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



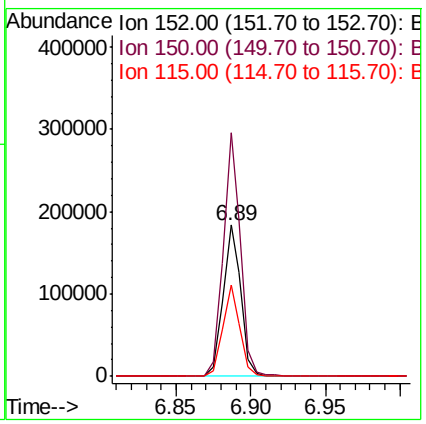


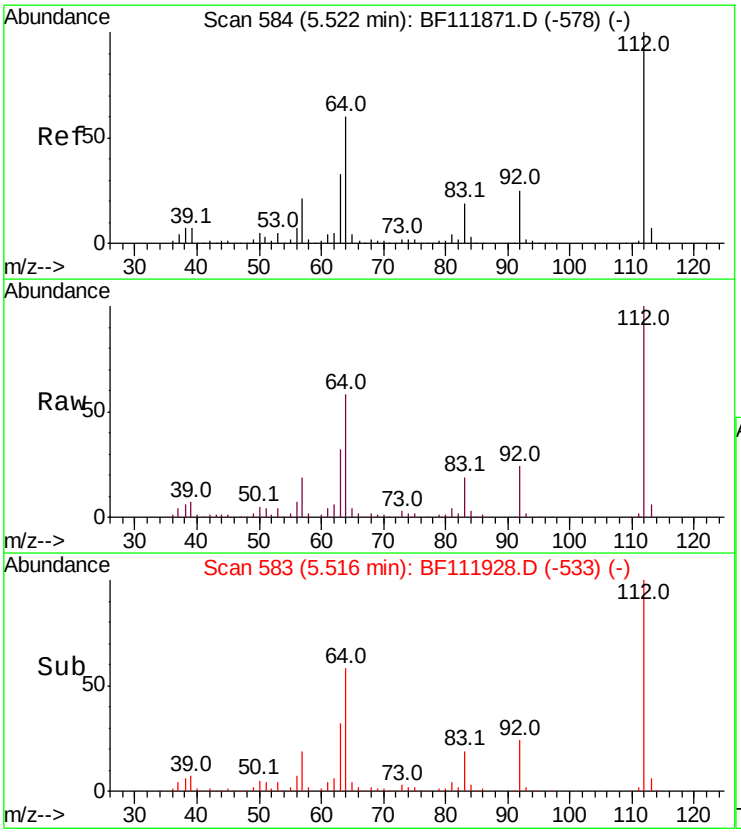

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:152 Resp: 154715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.9 | 122.7 | 184.1 |
| 115 | 60.6 | 45.2 | 67.8 |

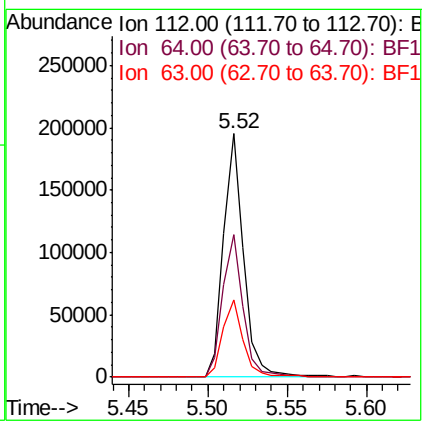


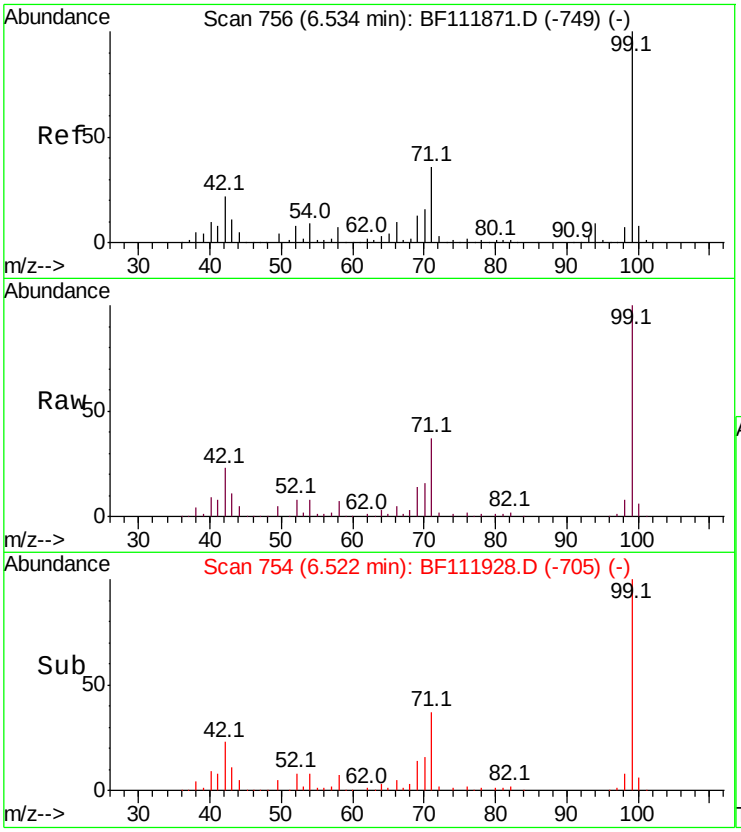




#5
2-Fluorophenol
Concen: 19.037 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:112 Resp: 172154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.3 | 48.3 | 72.5 |
| 63 | 31.7 | 26.1 | 39.1 |

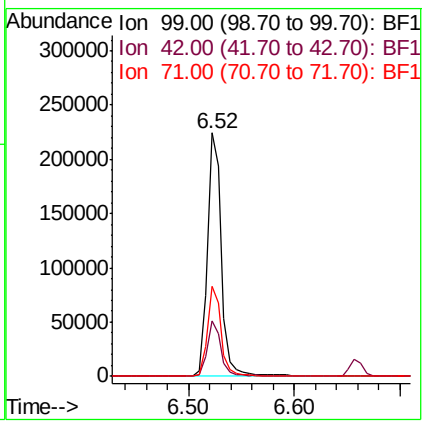




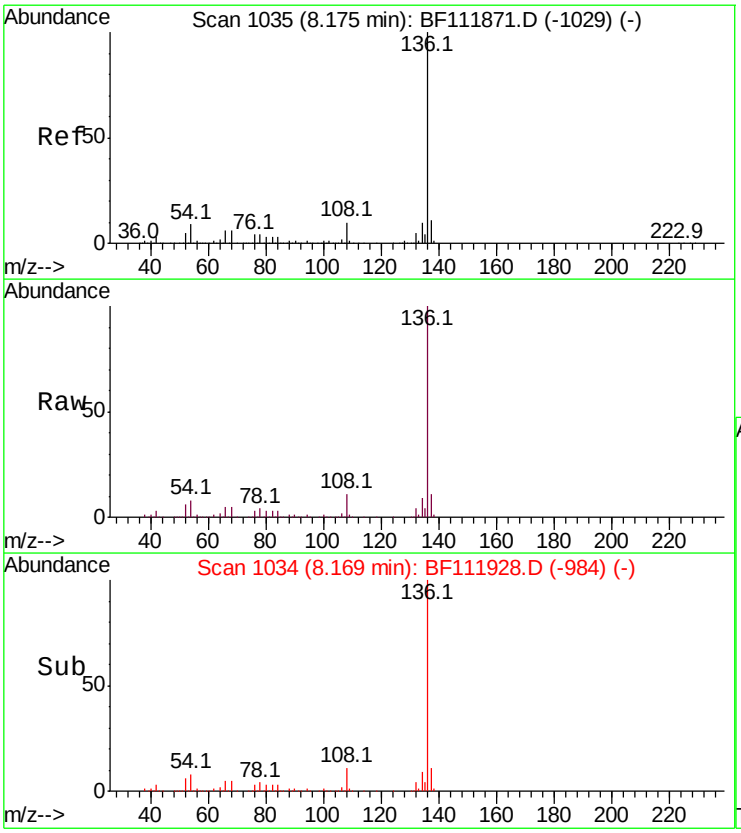

#7
Phenol-d6
Concen: 17.905 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion: 99 Resp: 208692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 17.9 | 26.9 |
| 71 | 37.1 | 28.7 | 43.1 |



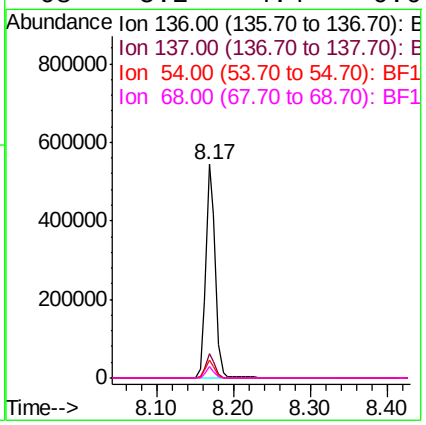

**Instrument :**
BNA_F
**ClientSampleId :**

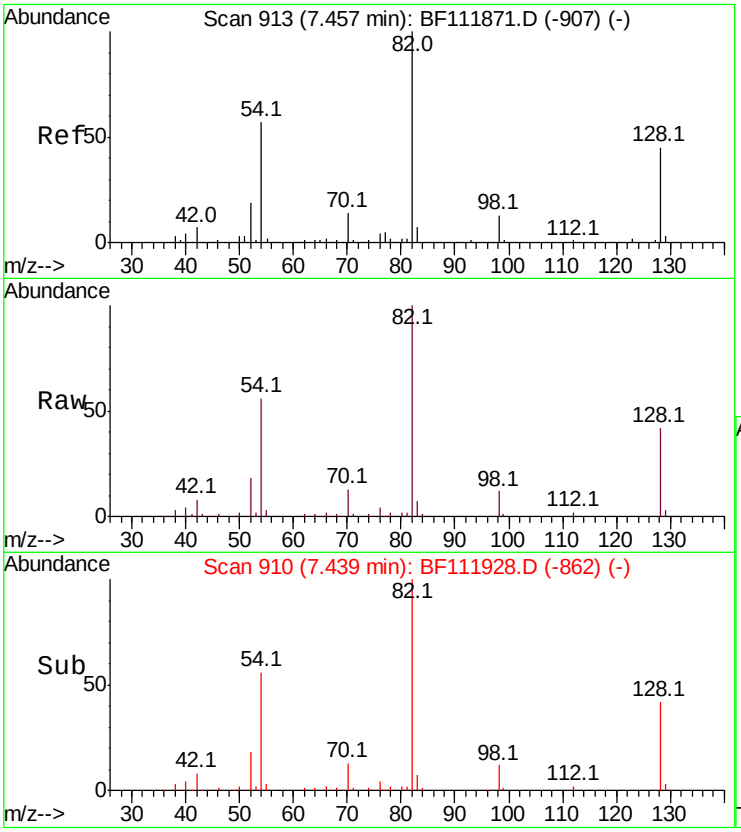



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:136 Resp: 463077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.1 | 13.7 |
| 54 | 8.4 | 7.2 | 10.8 |
| 68 | 5.2 | 4.4 | 6.6 |

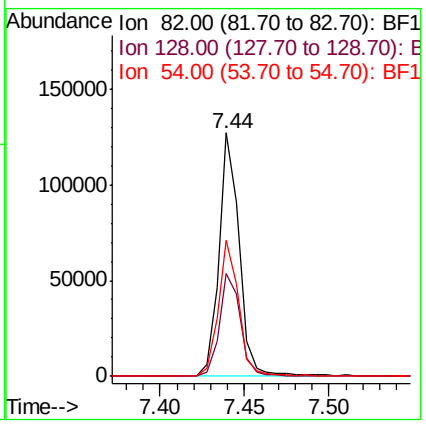




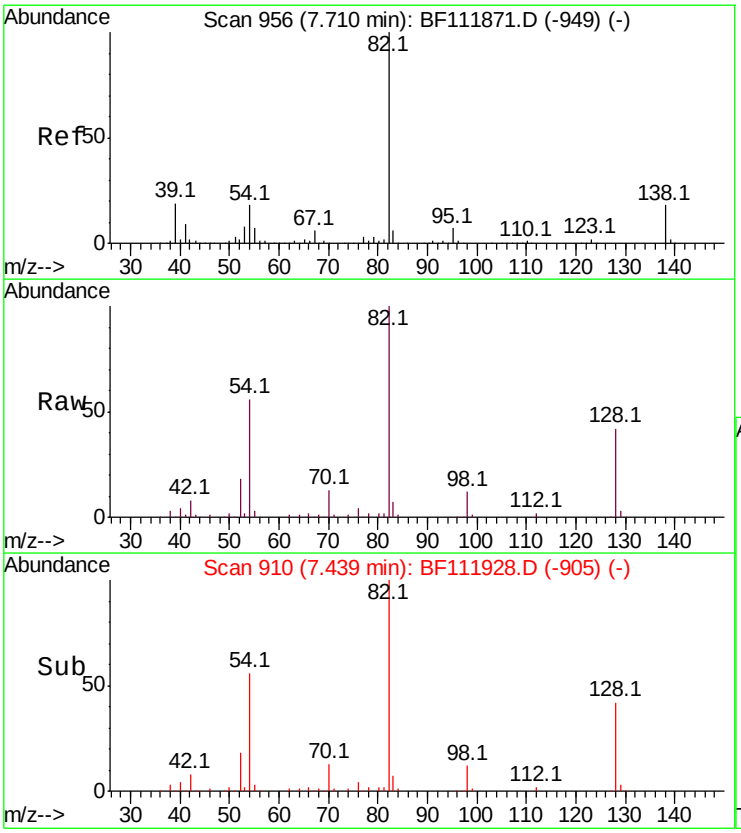

#23
Nitrobenzene-d5
Concen: 12.296 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion: 82 Resp: 106542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 35.7 | 53.5 |
| 54 | 55.9 | 45.8 | 68.8 |



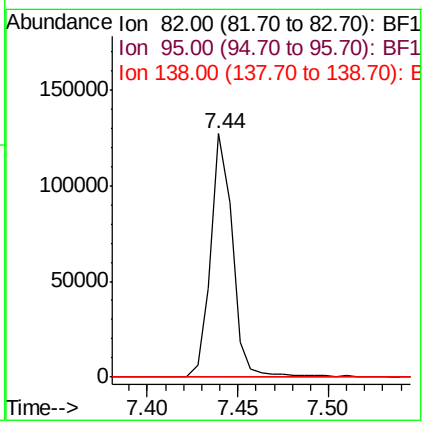

**Instrument :**
BNA_F
**ClientSampleId :**

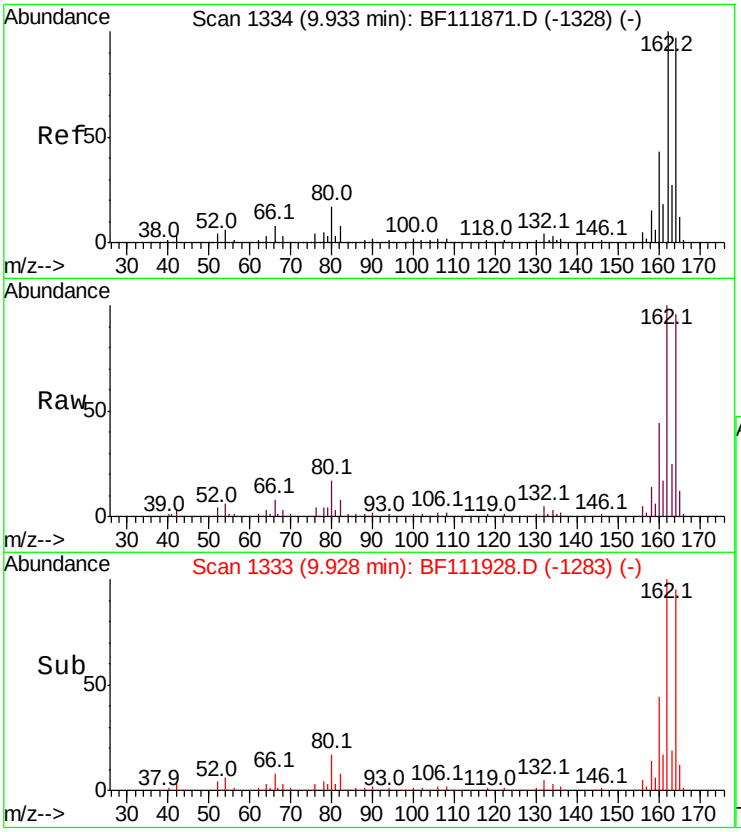



#25
Isophorone
Concen: 7.593 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion: 82 Resp: 106541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.6# |
| 138 | 0.0 | 14.4 | 21.6# |



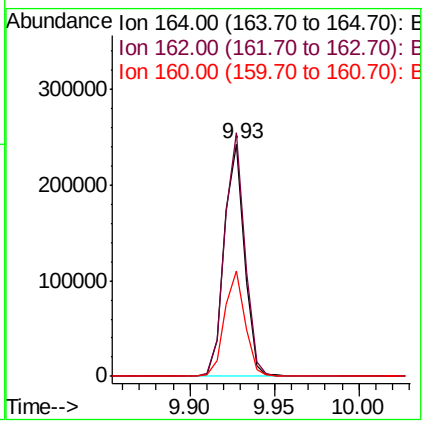


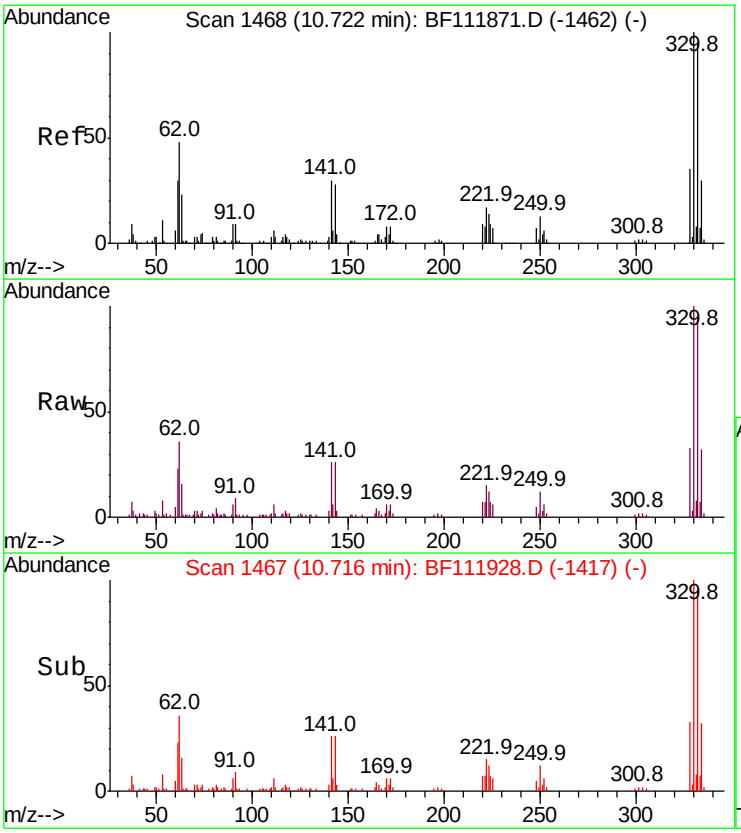

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:164 Resp: 202586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.7 | 82.2 | 123.2 |
| 160 | 45.6 | 35.5 | 53.3 |

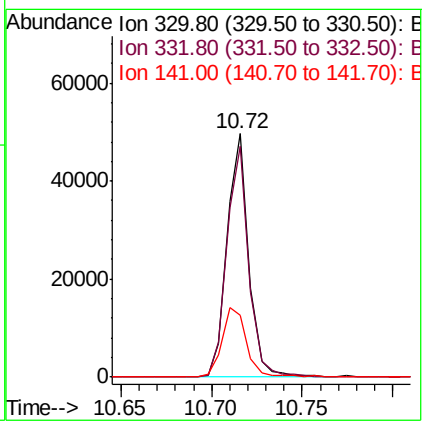


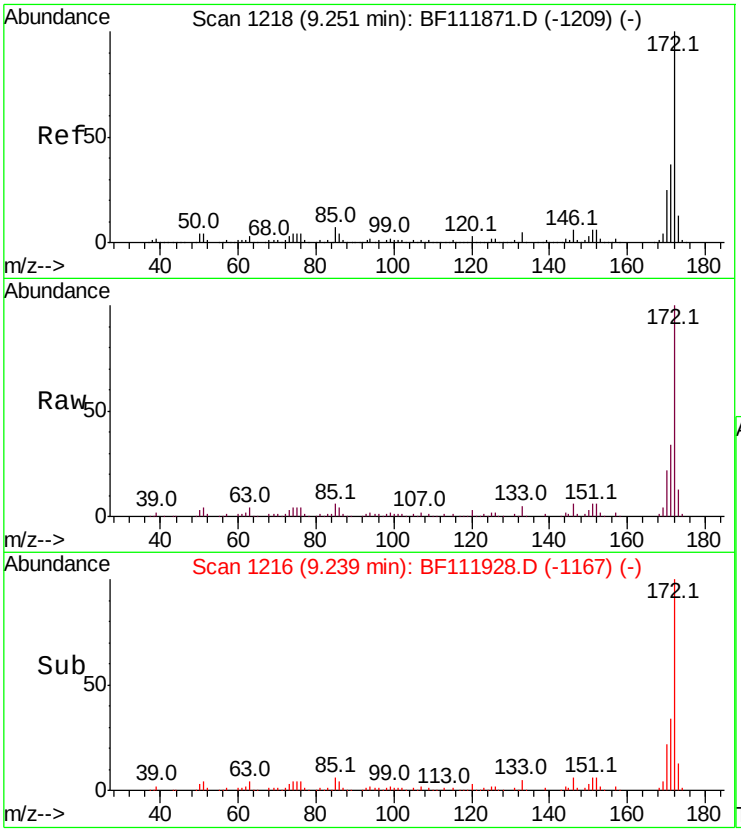




#42
2,4,6-Tribromophenol
Concen: 15.693 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:330 Resp: 41352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 76.9 | 115.3 |
| 141 | 32.3 | 23.7 | 35.5 |



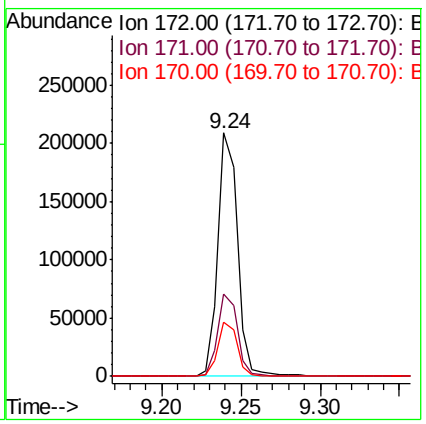


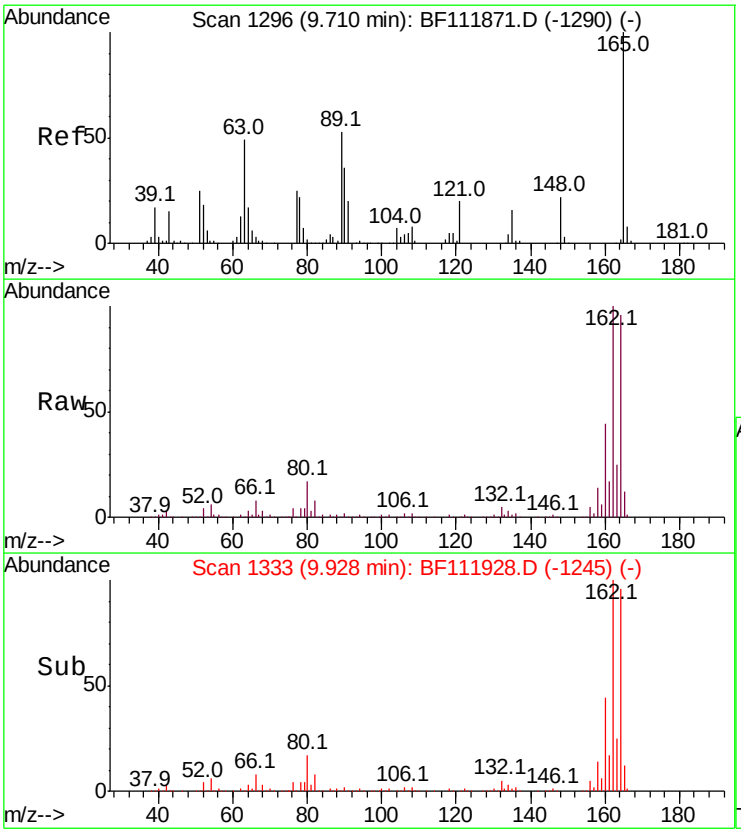

#45
2-Fluorobiphenyl
Concen: 12.959 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:172 Resp: 180031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.9 | 29.6 | 44.4 |
| 170 | 22.3 | 19.8 | 29.8 |

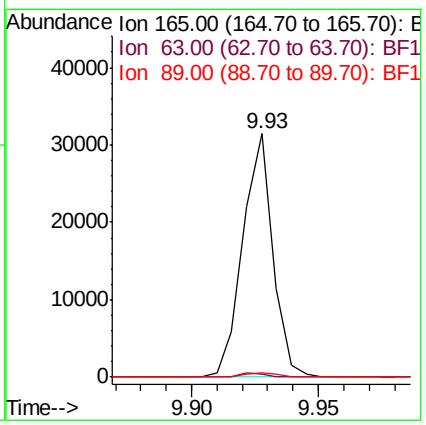


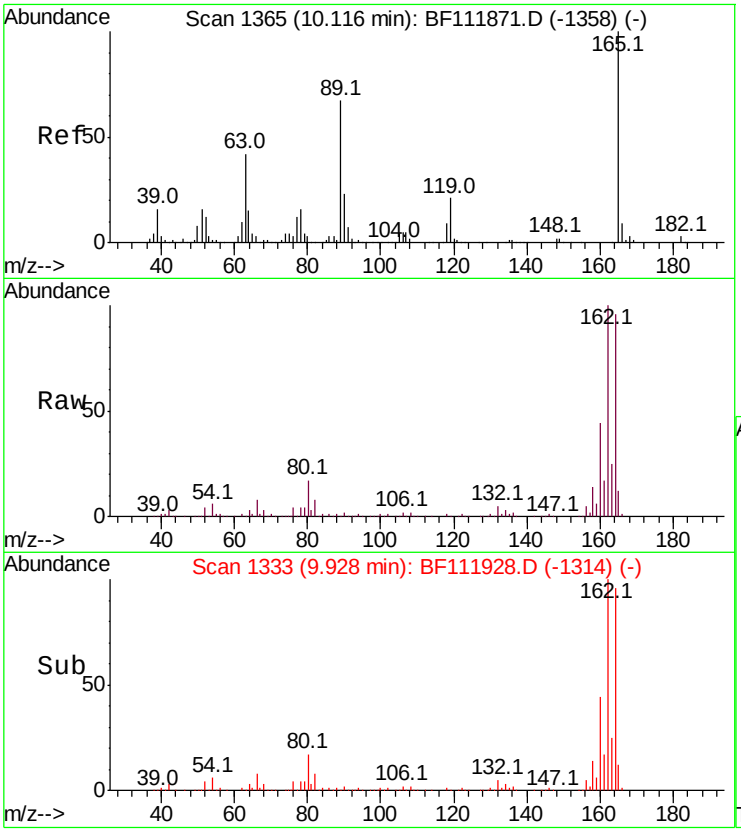




#51
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:165 Resp: 25878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 46.2 | 69.2# |
| 89 | 1.8 | 42.2 | 63.2# |



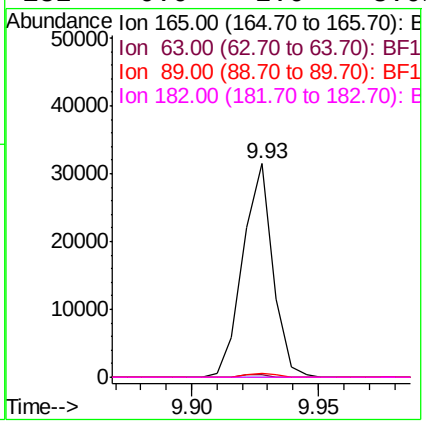


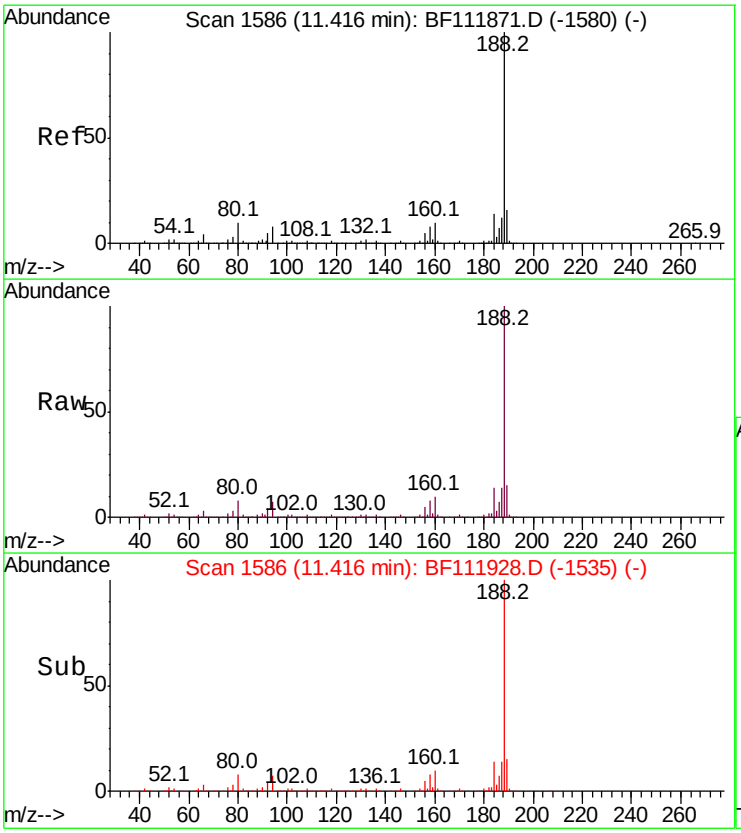

#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:165 Resp: 25878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 34.1 | 51.1# |
| 89 | 1.8 | 53.5 | 80.3# |
| 182 | 0.0 | 2.0 | 3.0# |

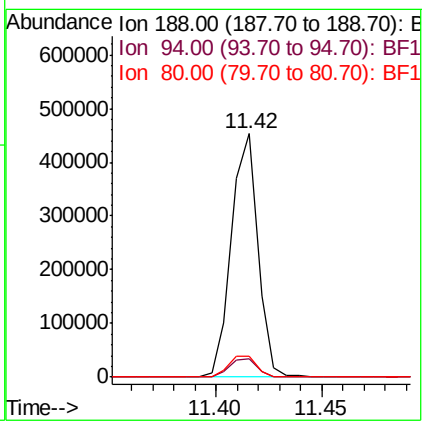


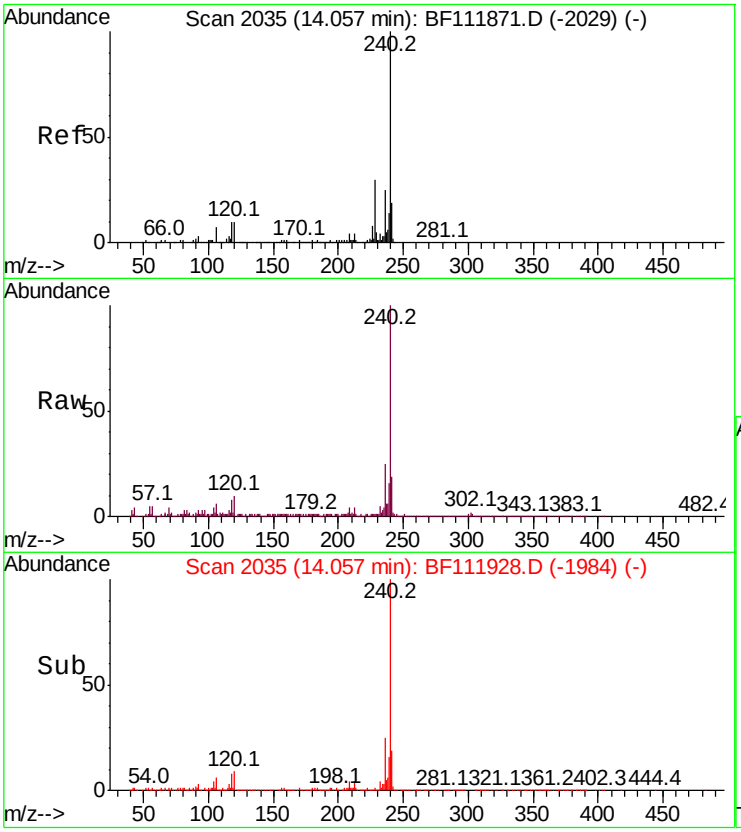




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:188 Resp: 392243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 6.6 | 10.0 |
| 80 | 8.4 | 7.7 | 11.5 |



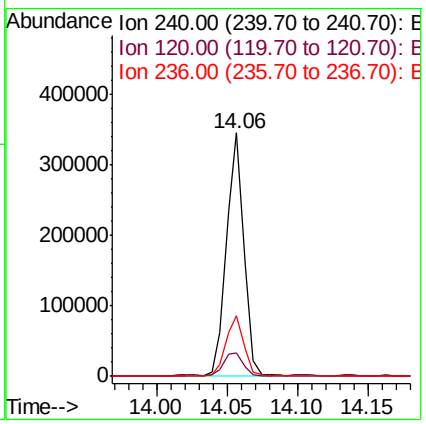


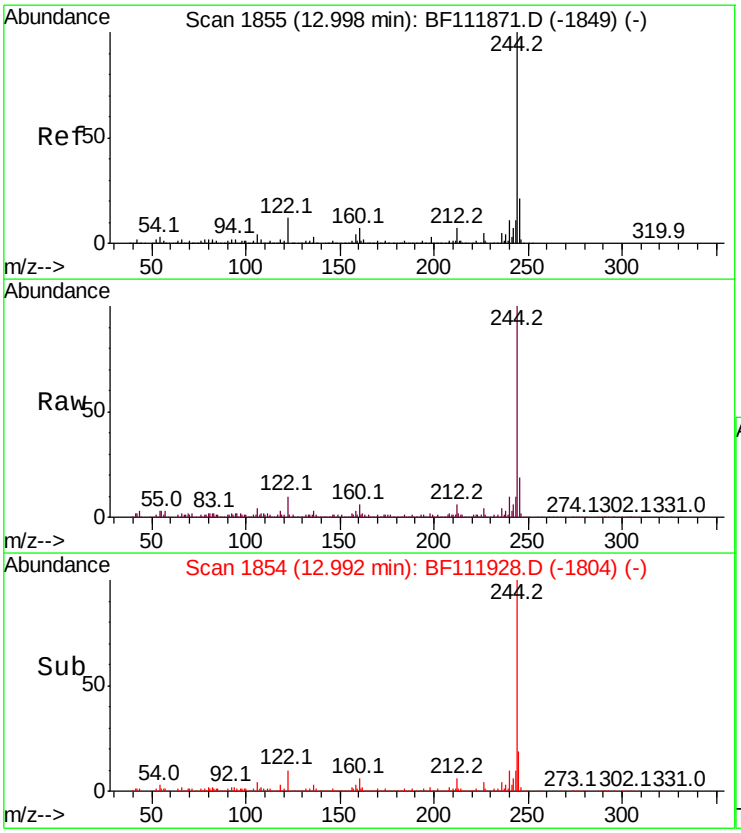

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:240 Resp: 293513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.2 | 12.2 |
| 236 | 25.1 | 20.2 | 30.4 |

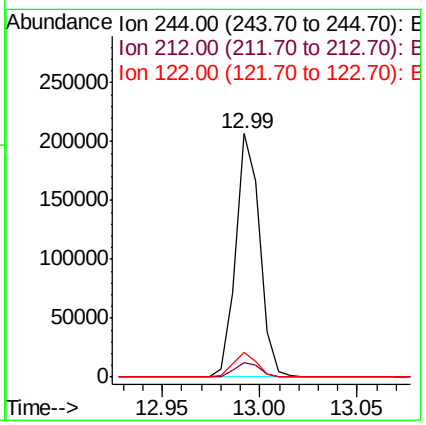


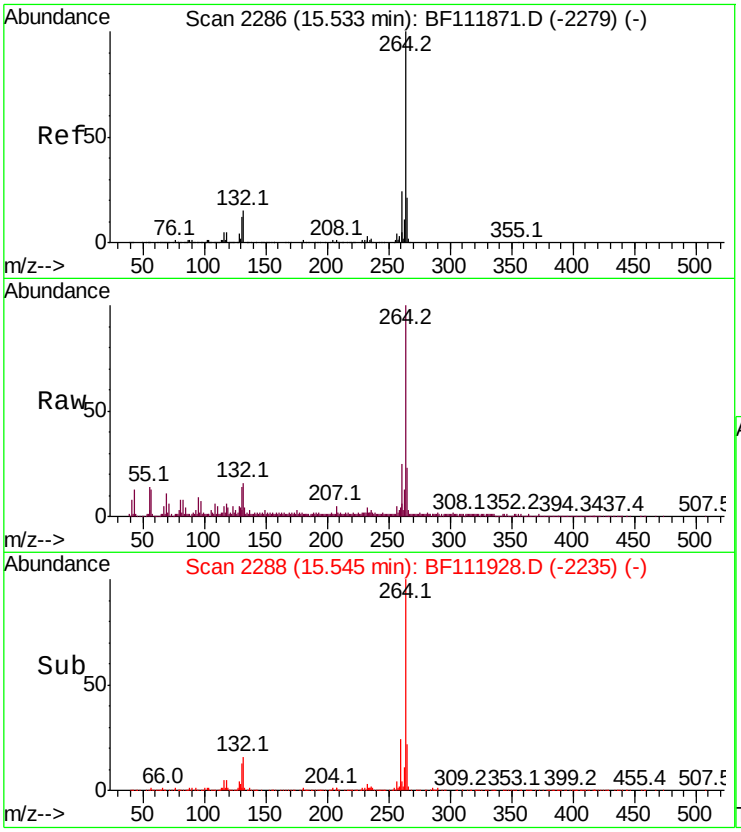




#79
Terphenyl-d14
Concen: 11.395 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

Tgt Ion:244 Resp: 176199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.2 | 5.8 | 8.8 |
| 122 | 10.2 | 9.5 | 14.3 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111928.D
Acq: 9 Jan 2019 00:50

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

Tgt Ion:264 Resp: 240653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.2 | 28.8 |
| 265 | 23.1 | 17.1 | 25.7 |