Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111965.D
Acq On : 9 Jan 2019 22:26
Operator : JU/SJ
Sample : K1075-01RE 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 01:54:58 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 | 155825 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 552624 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 213168 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.41 | 188 | 361363 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.05 | 240 | 273708 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.54 | 264 | 208247 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 539287 | 59.21 | ng | | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 661560 | 56.35 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 353806 | 34.22 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 114342 | 41.24 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.24 | 172 | 538348 | 36.83 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.99 | 244 | 558650 | 38.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.52 | 77 | 1341 | Below Cal | | # | 1 |
| 10) Phenol | 6.53 | 94 | 32728 | 2.565 | ng | | 81 |
| 19) n-Nitroso-di-n-propylamine | 7.44 | 70 | 48519 | 6.361 | ng | # | 77 |
| 25) Isophorone | 7.44 | 82 | 353802 | 21.130 | ng | # | 65 |
| 50) Dimethylphthalate | 9.63 | 163 | 81942 | 5.117 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.92 | 165 | 26883 | 7.507 | ng | # | 26 |
| 57) 2,4-Dinitrotoluene | 9.92 | 165 | 26883 | 5.810 | ng | # | 27 |
| 75) Fluoranthene | 12.62 | 202 | 59802 | 3.015 | ng | | 98 |
| 78) Pyrene | 12.85 | 202 | 52333 | 2.779 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.10 | 252 | 29302 | 2.352 | ng | # | 64 |
| 89) Benzo(k)fluoranthene | 15.10 | 252 | 29302 | 2.502 | ng | # | 65 |

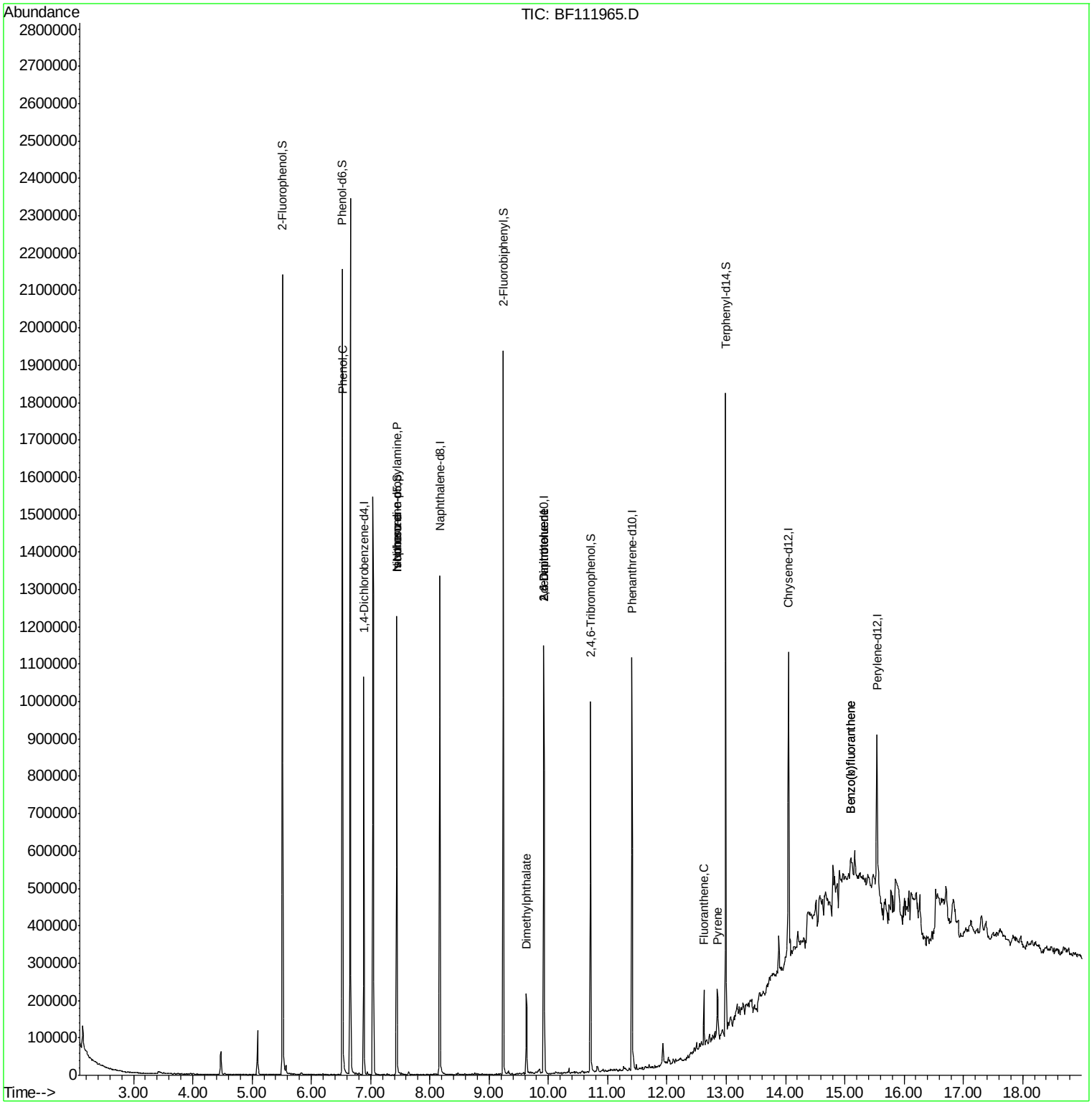
(#) = qualifier out of range (m) = manual integration (+) = signals summed

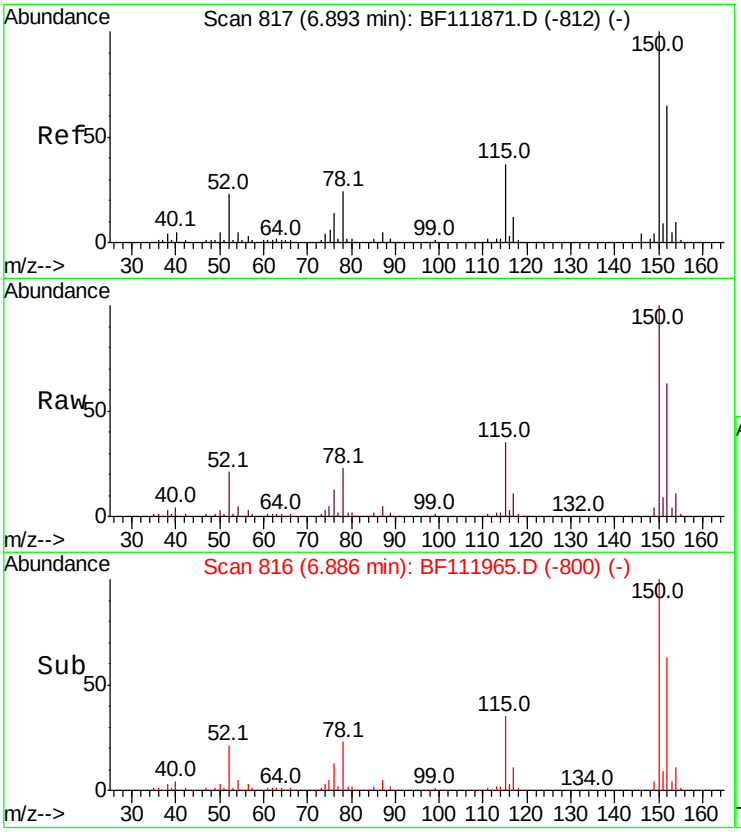
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111965.D
Acq On : 9 Jan 2019 22:26
Operator : JU/SJ
Sample : K1075-01RE 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 10 01:54:58 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



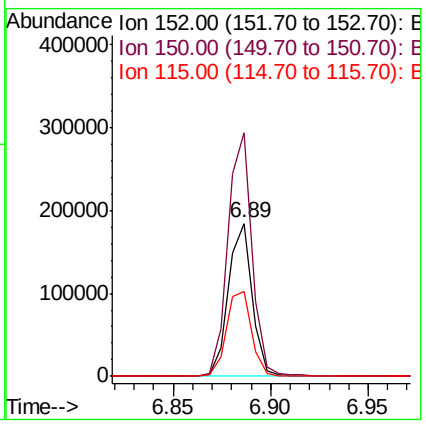


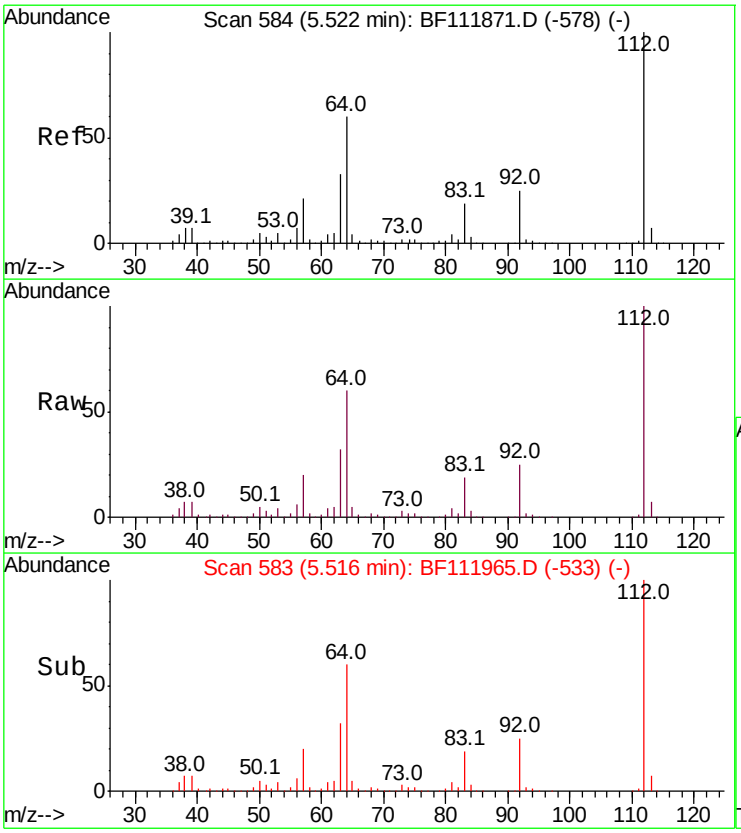

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:152 Resp: 155825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 122.7 | 184.1 |
| 115 | 55.5 | 45.2 | 67.8 |

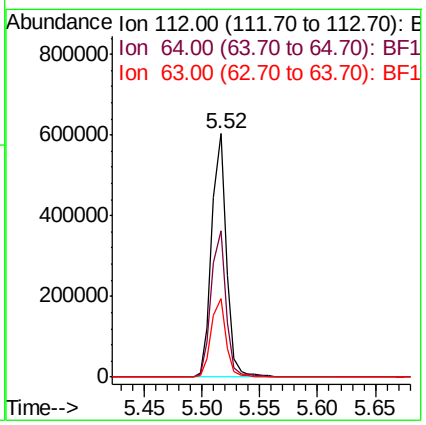


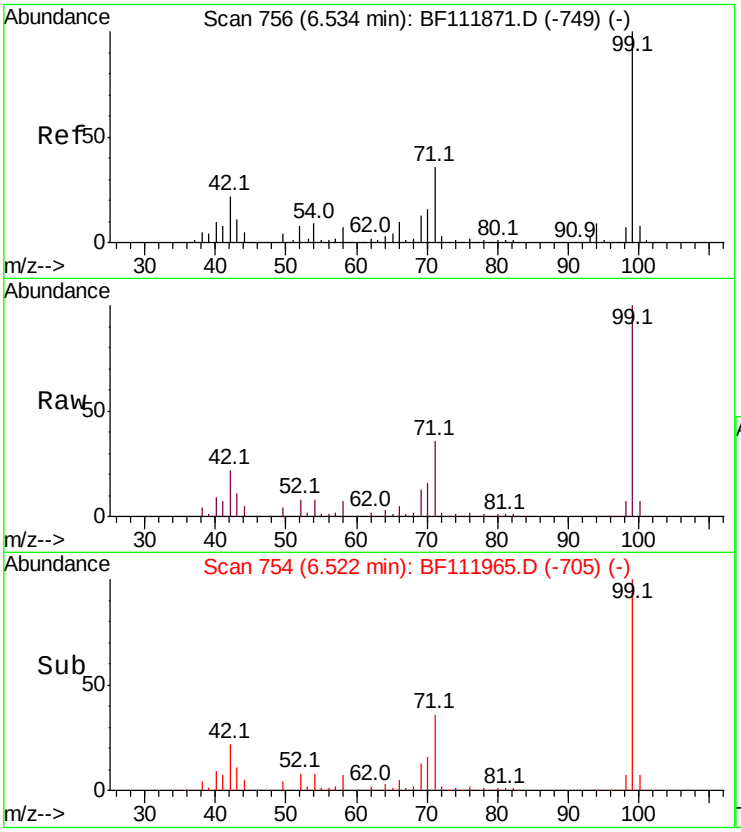




#5
2-Fluorophenol
Concen: 59.209 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:112 Resp: 539287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.1 | 48.3 | 72.5 |
| 63 | 32.3 | 26.1 | 39.1 |



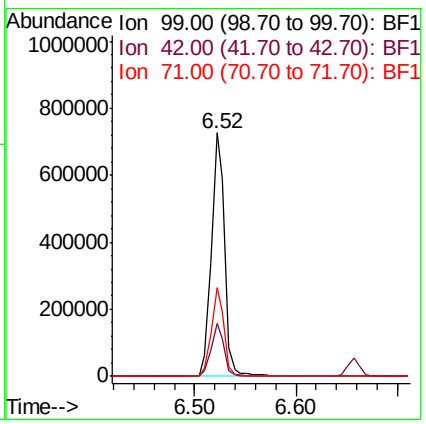


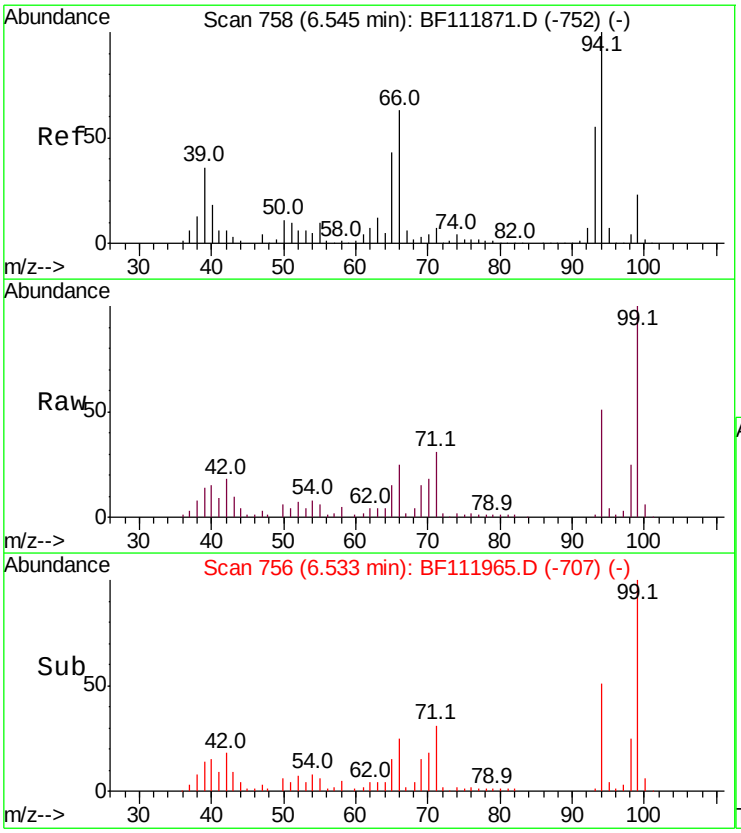

#7
Phenol-d6
Concen: 56.354 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion: 99 Resp: 661560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 17.9 | 26.9 |
| 71 | 36.4 | 28.7 | 43.1 |

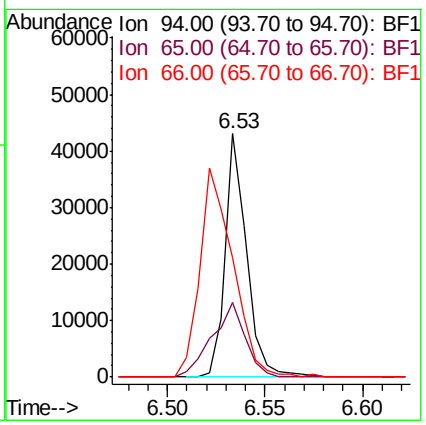


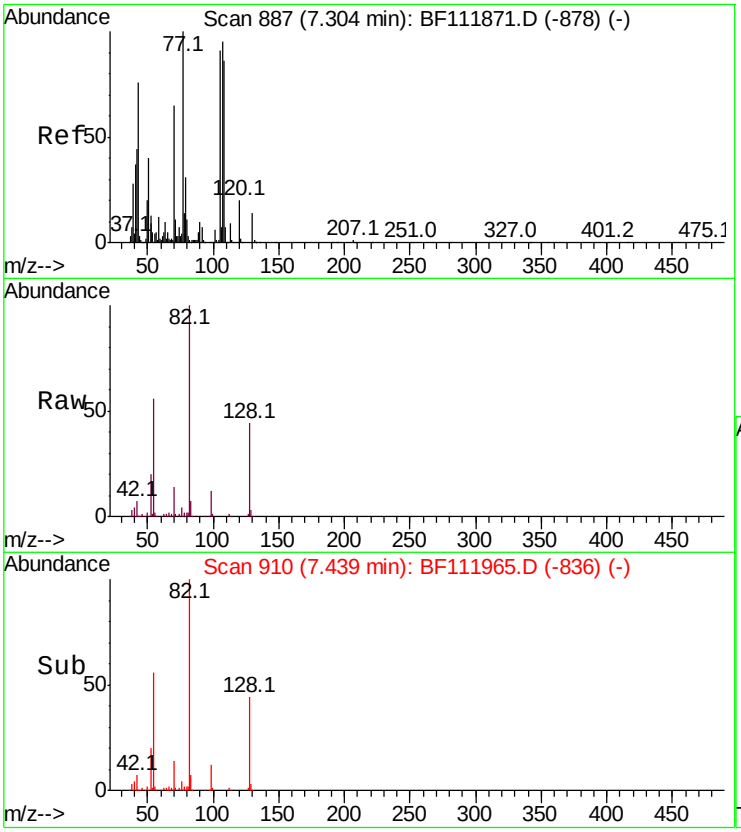




#10
Phenol
Concen: 2.565 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 94 Resp: 32728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.5 | 22.8 | 62.8 |
| 66 | 49.0 | 43.3 | 83.3 |



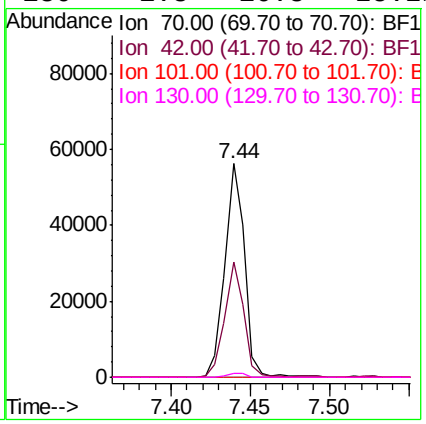


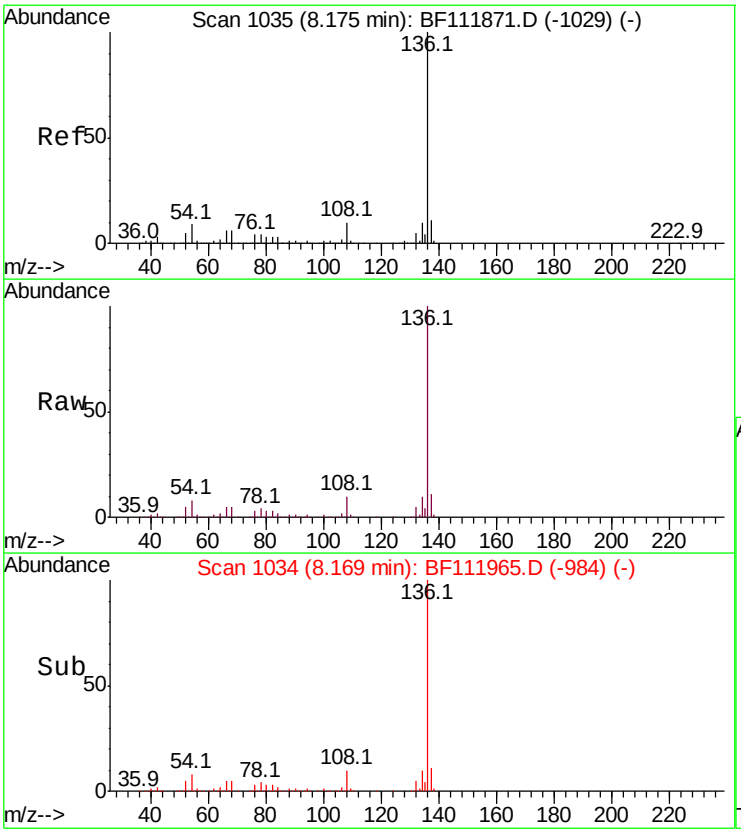

#19
n-Nitroso-di-n-propylamine
Concen: 6.361 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion: 70 Resp: 48519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.7 | 53.6 | 80.4 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 1.8 | 16.8 | 25.2# |

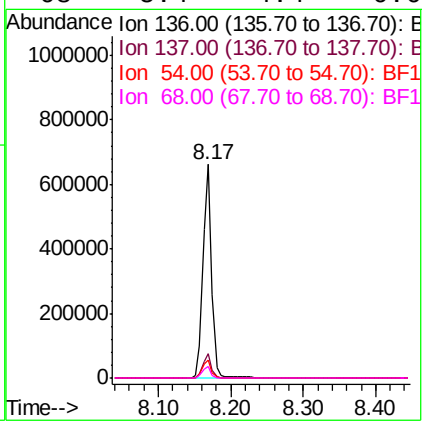


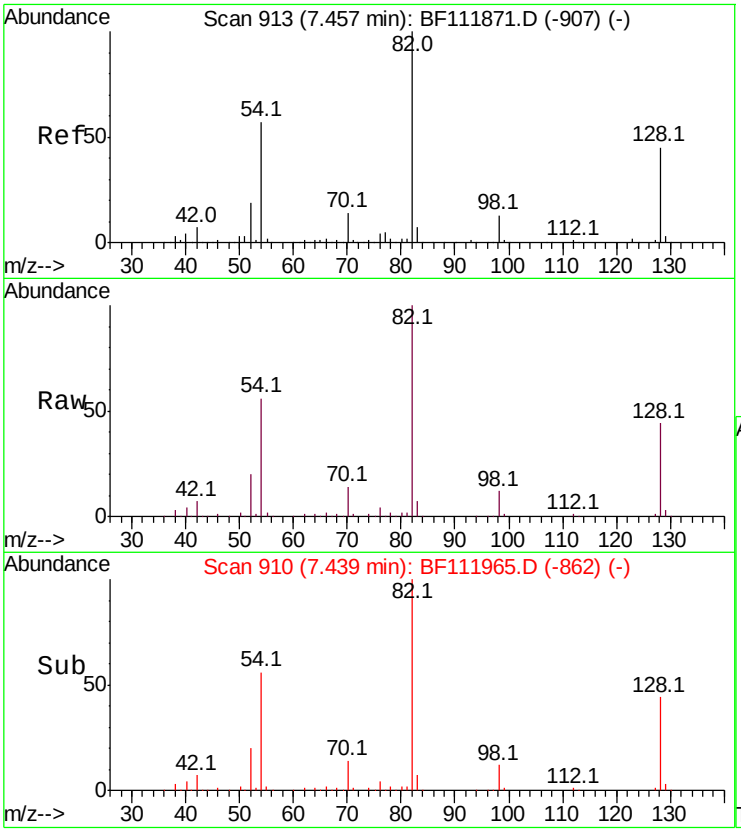




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:136 Resp: 552624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.1 | 13.7 |
| 54 | 8.2 | 7.2 | 10.8 |
| 68 | 5.4 | 4.4 | 6.6 |



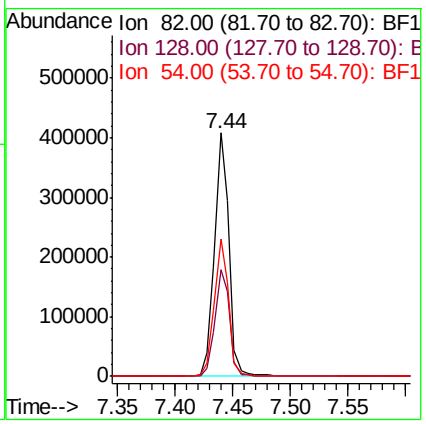


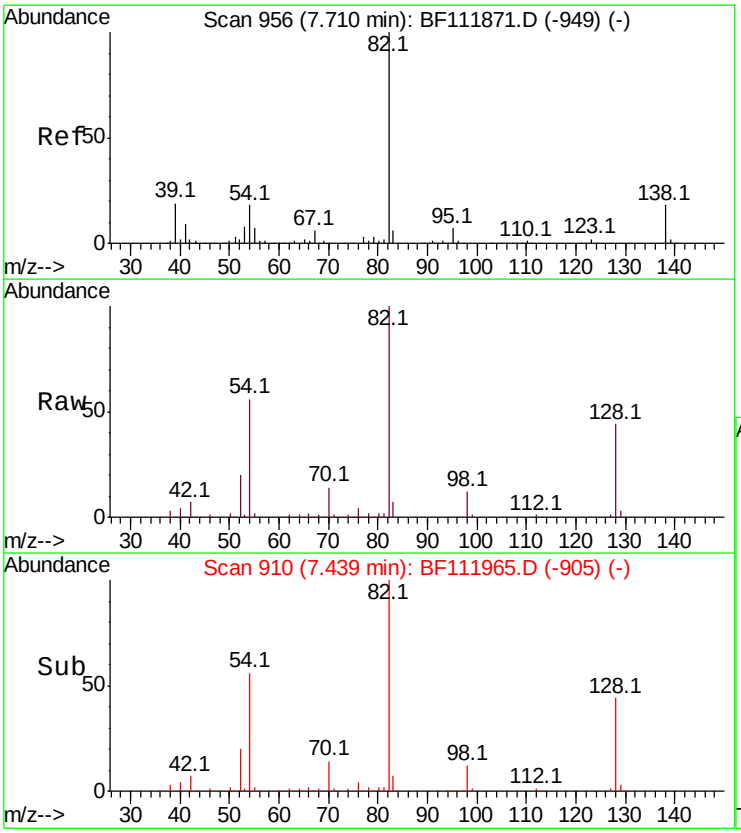

#23
Nitrobenzene-d5
Concen: 34.217 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion: 82 Resp: 353806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.6 | 35.7 | 53.5 |
| 54 | 56.5 | 45.8 | 68.8 |

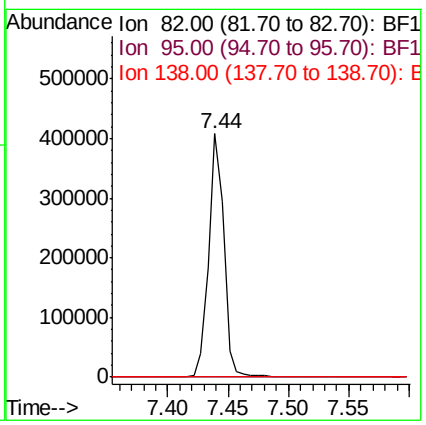


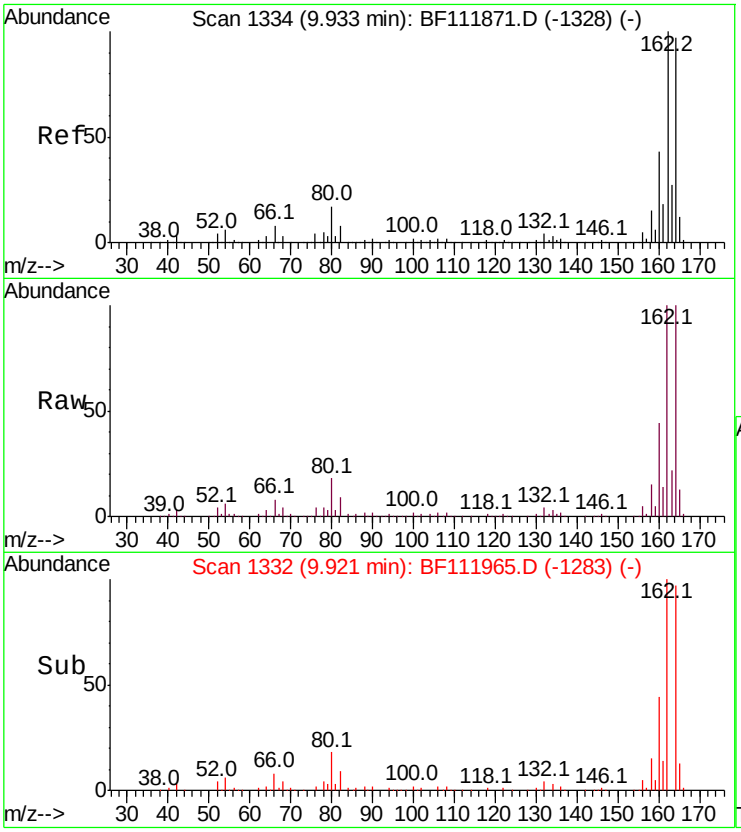




#25
Isophorone
Concen: 21.130 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 82 Resp: 353802

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



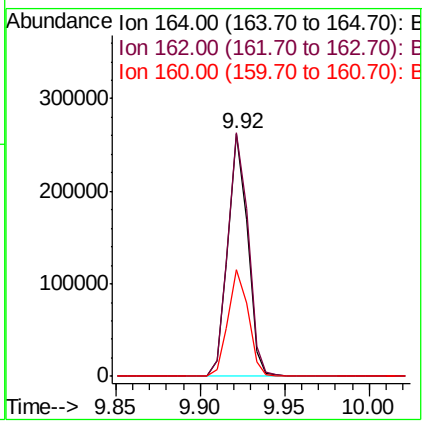


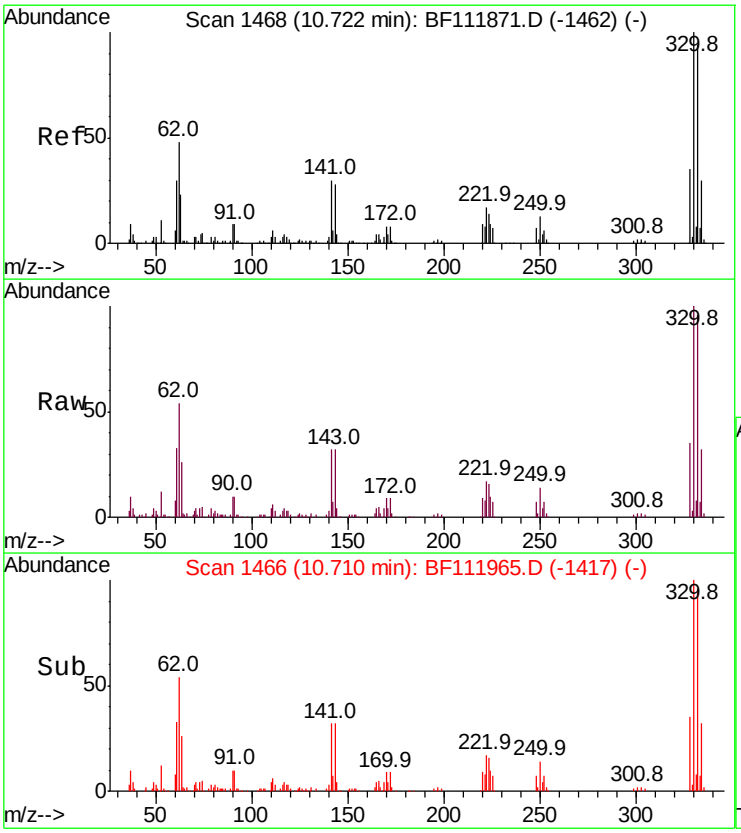

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:164 Resp: 213168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.2 | 123.2 |
| 160 | 44.1 | 35.5 | 53.3 |

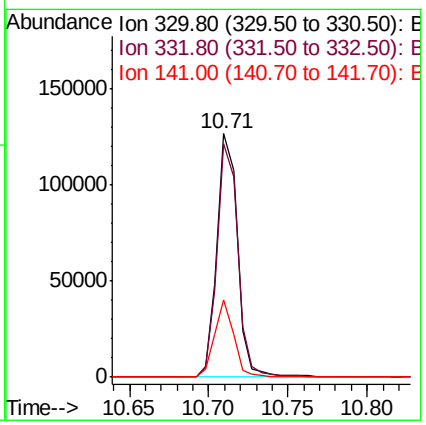


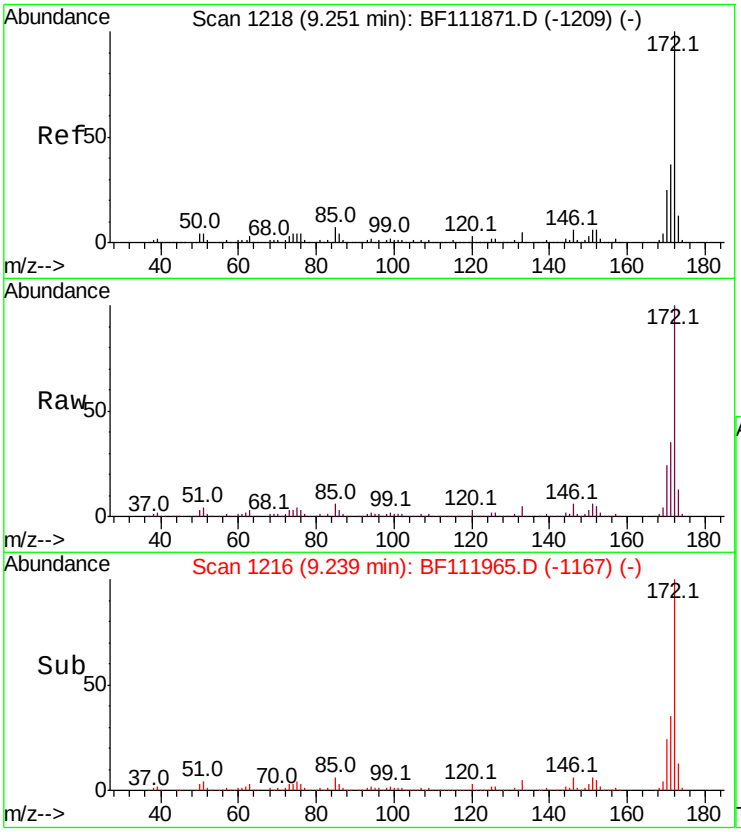




#42
2,4,6-Tribromophenol
Concen: 41.239 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:330 Resp: 114342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 76.9 | 115.3 |
| 141 | 29.8 | 23.7 | 35.5 |



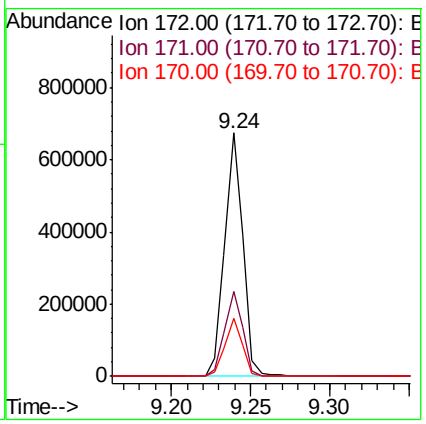


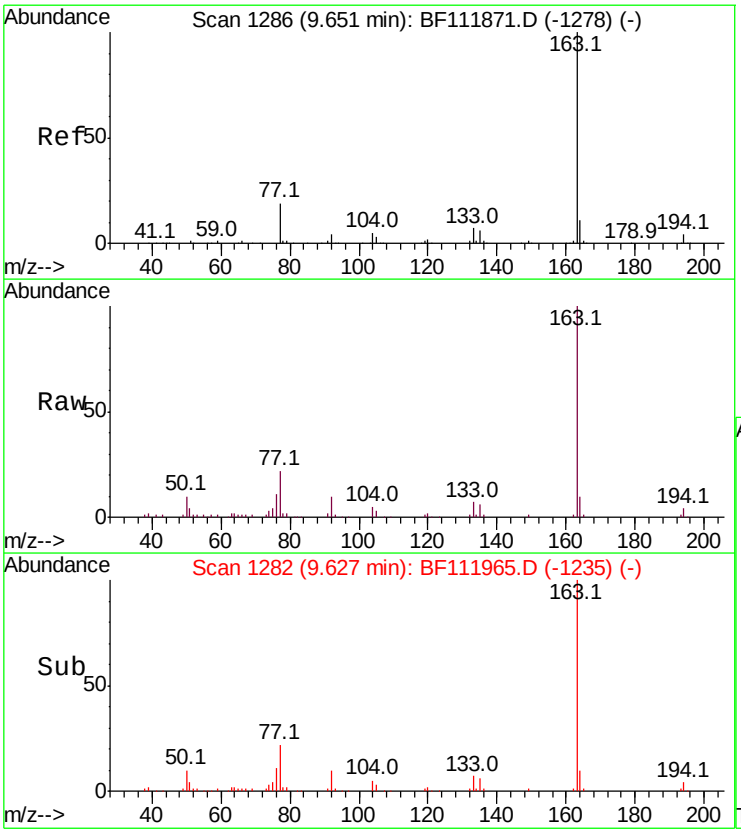

#45
2-Fluorobiphenyl
Concen: 36.826 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:172 Resp: 538348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.6 | 44.4 |
| 170 | 23.6 | 19.8 | 29.8 |

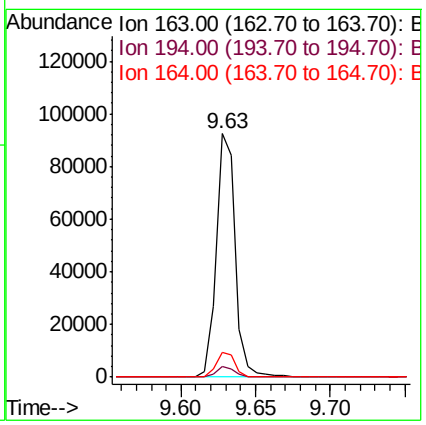


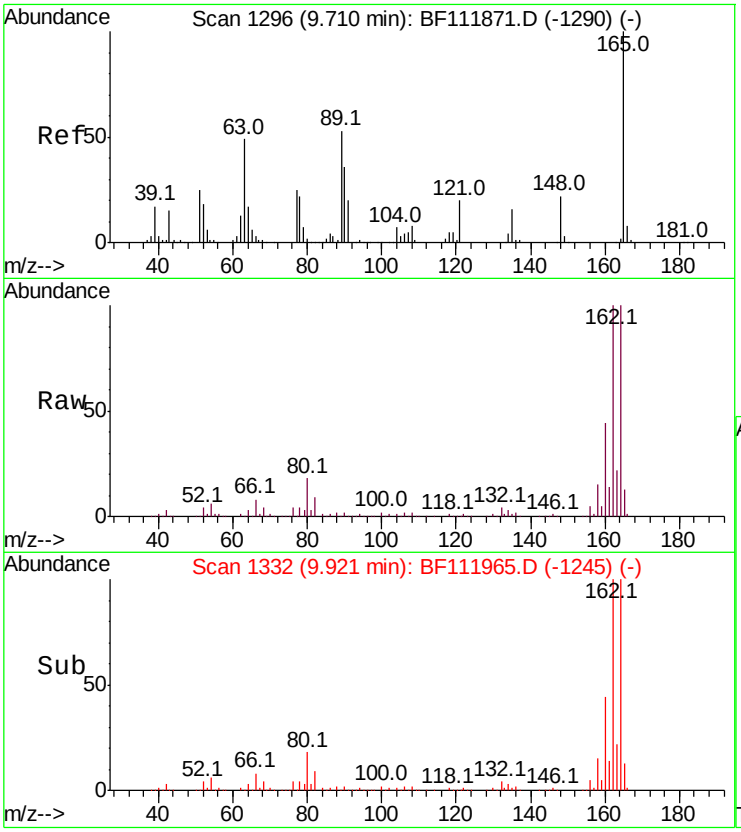




#50
Dimethylphthalate
Concen: 5.117 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:163 Resp: 81942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.2 |
| 164 | 10.0 | 8.5 | 12.7 |



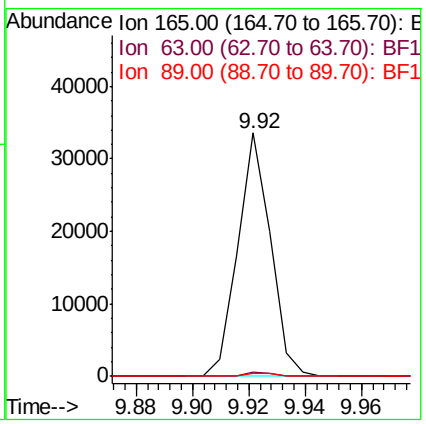


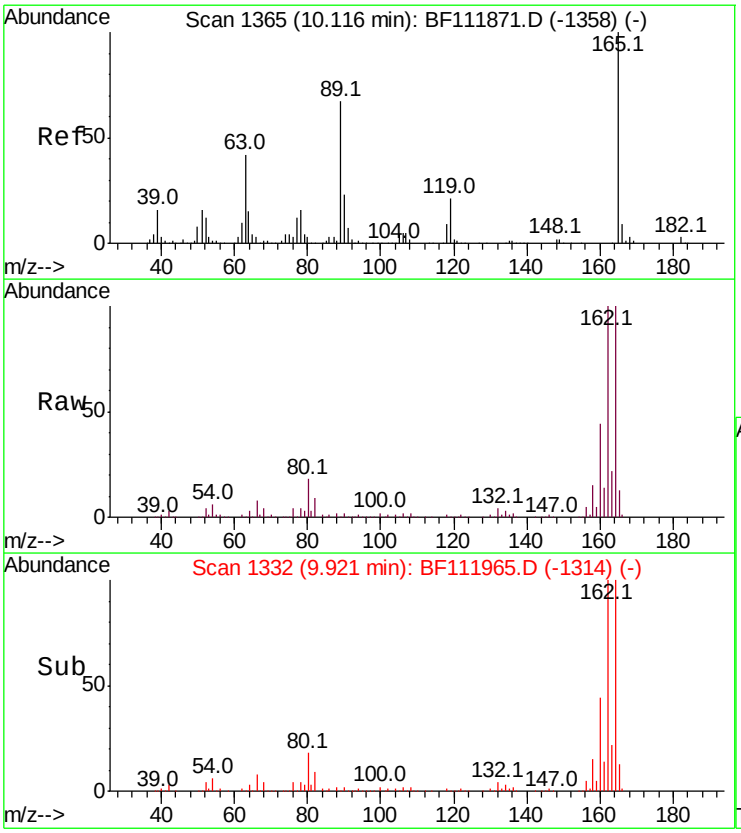

#51
2,6-Dinitrotoluene
Concen: 7.507 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:165 Resp: 26883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 46.2 | 69.2# |
| 89 | 1.4 | 42.2 | 63.2# |

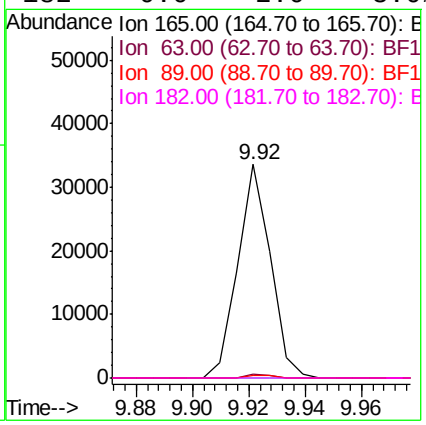


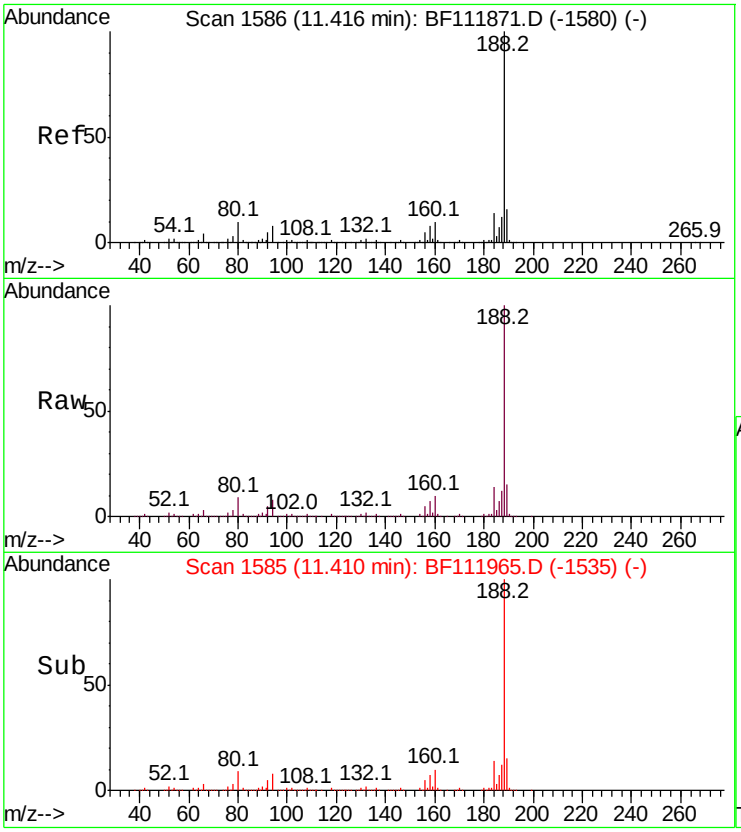




#57
2,4-Dinitrotoluene
Concen: 5.810 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:165 Resp: 26883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 34.1 | 51.1# |
| 89 | 1.4 | 53.5 | 80.3# |
| 182 | 0.0 | 2.0 | 3.0# |



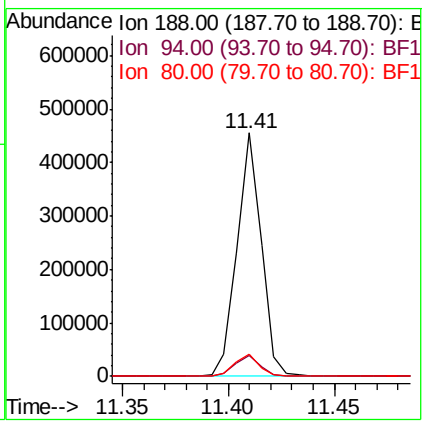


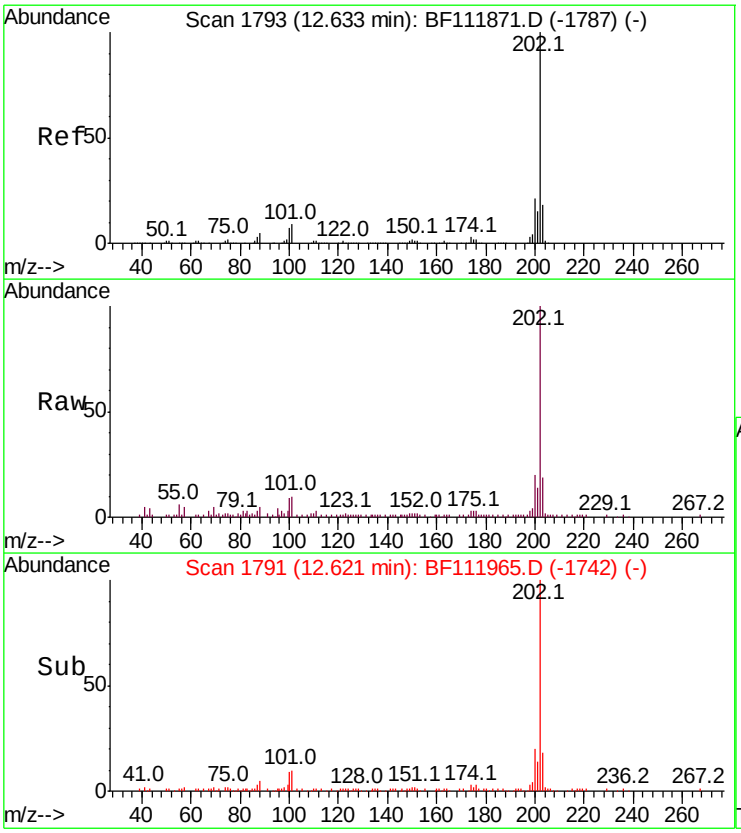

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:188 Resp: 361363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 6.6 | 10.0 |
| 80 | 9.2 | 7.7 | 11.5 |

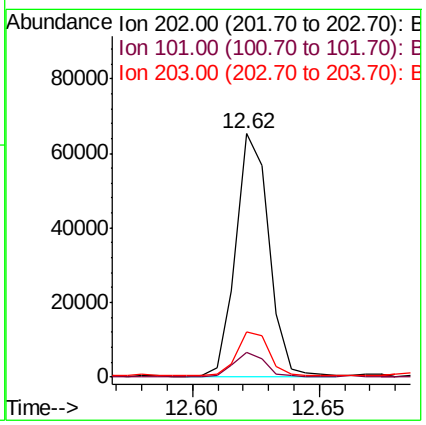


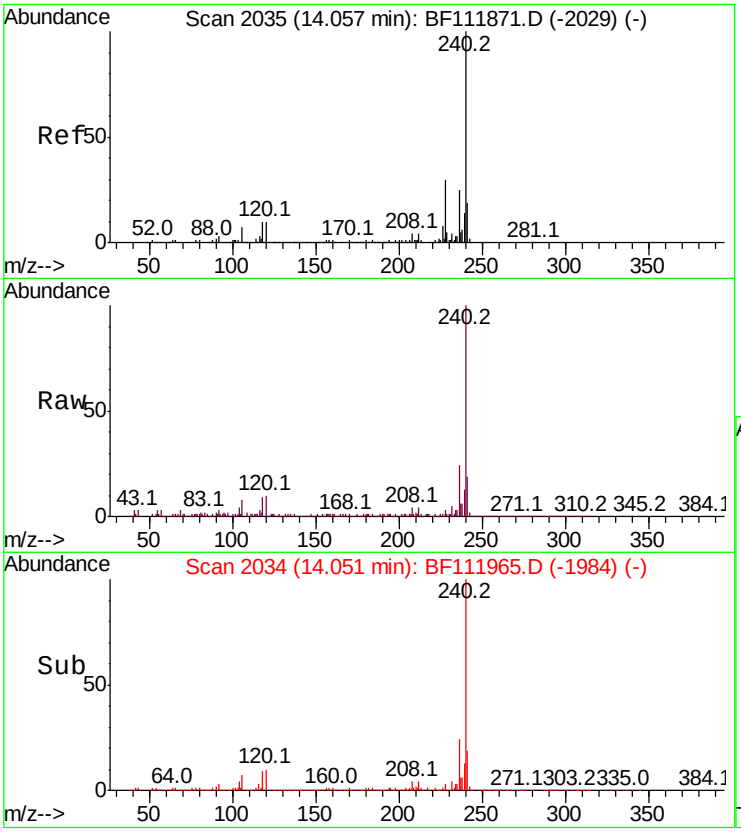




#75
Fluoranthene
Concen: 3.015 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:202 Resp: 59802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 0.0 | 29.3 |
| 203 | 18.7 | 0.0 | 37.6 |



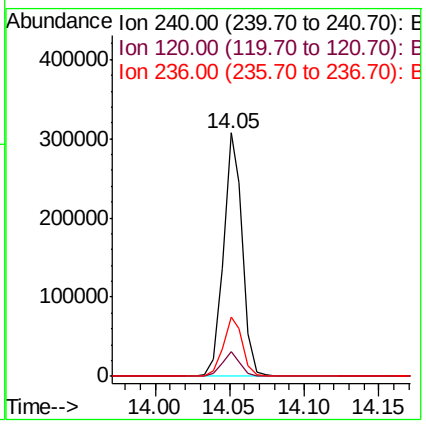


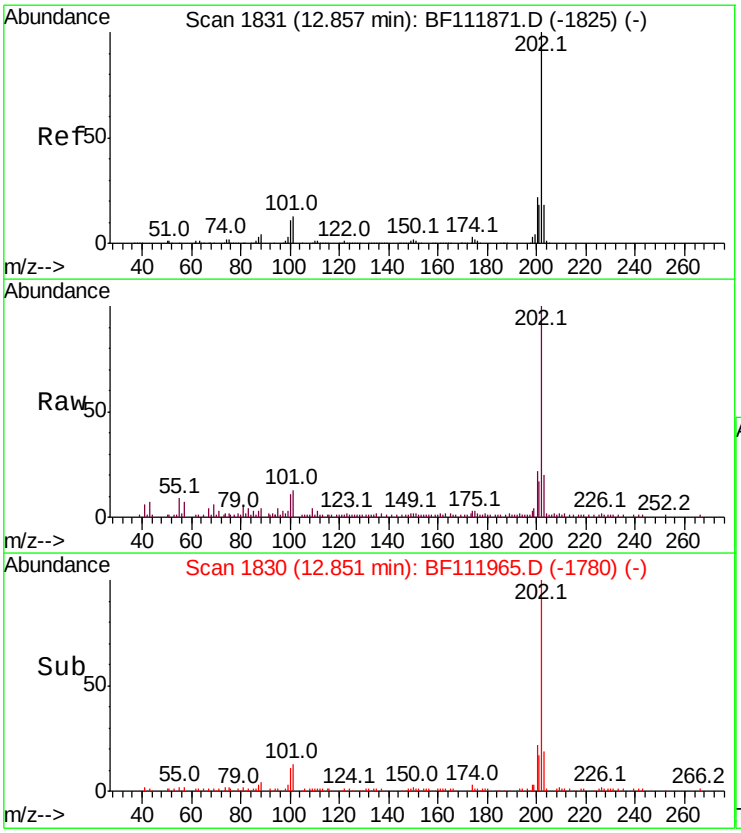

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:240 Resp: 273708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.0 | 8.2 | 12.2 |
| 236 | 24.1 | 20.2 | 30.4 |

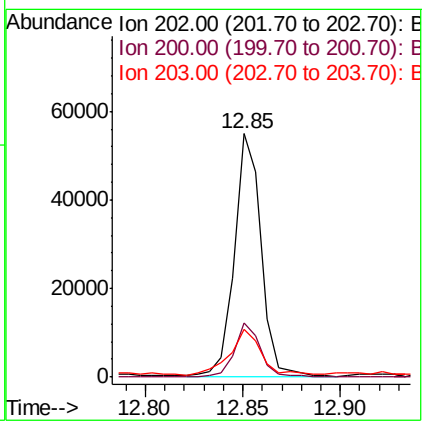


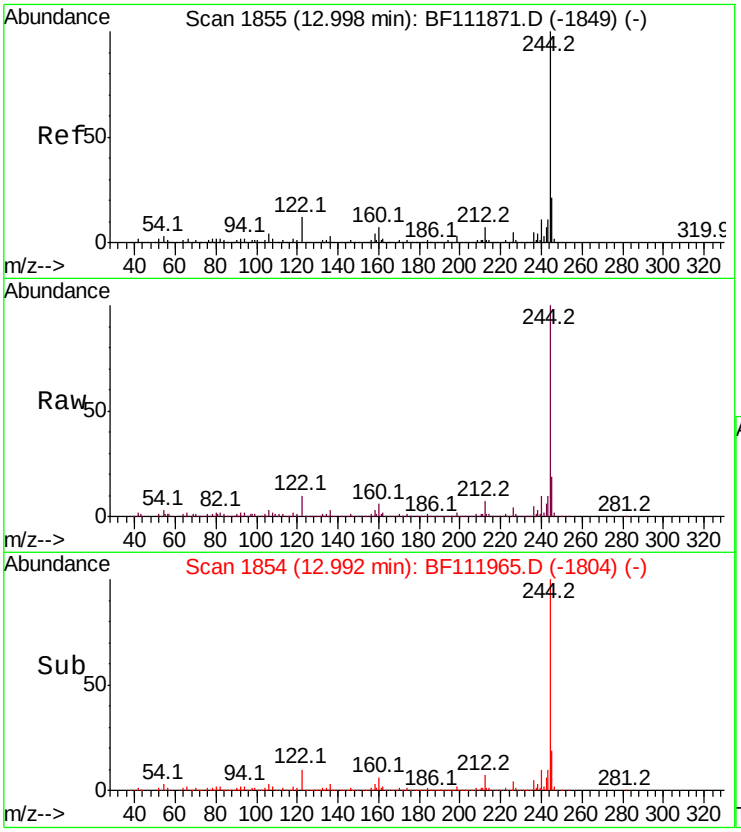




#78
Pyrene
Concen: 2.779 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:202 Resp: 52333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.4 | 17.4 | 26.2 |
| 203 | 19.5 | 14.6 | 21.8 |



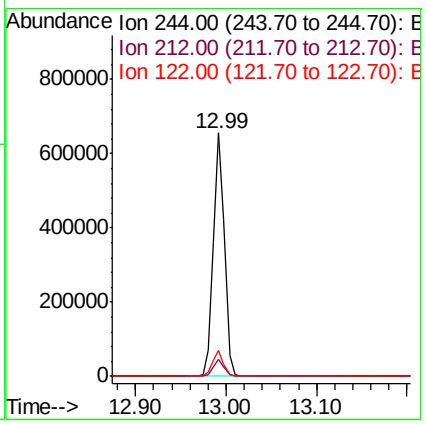


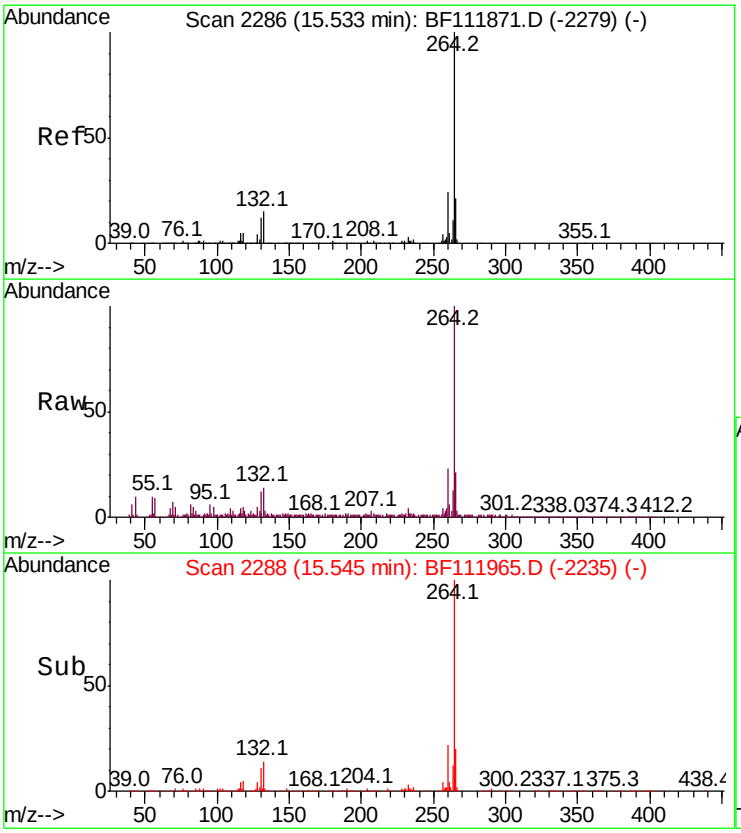

#79
Terphenyl-d14
Concen: 38.744 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:244 Resp: 558650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.8 |
| 122 | 10.4 | 9.5 | 14.3 |

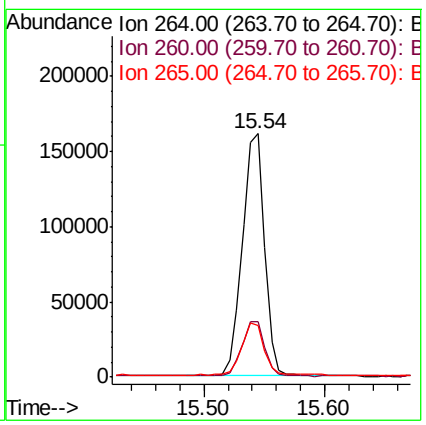


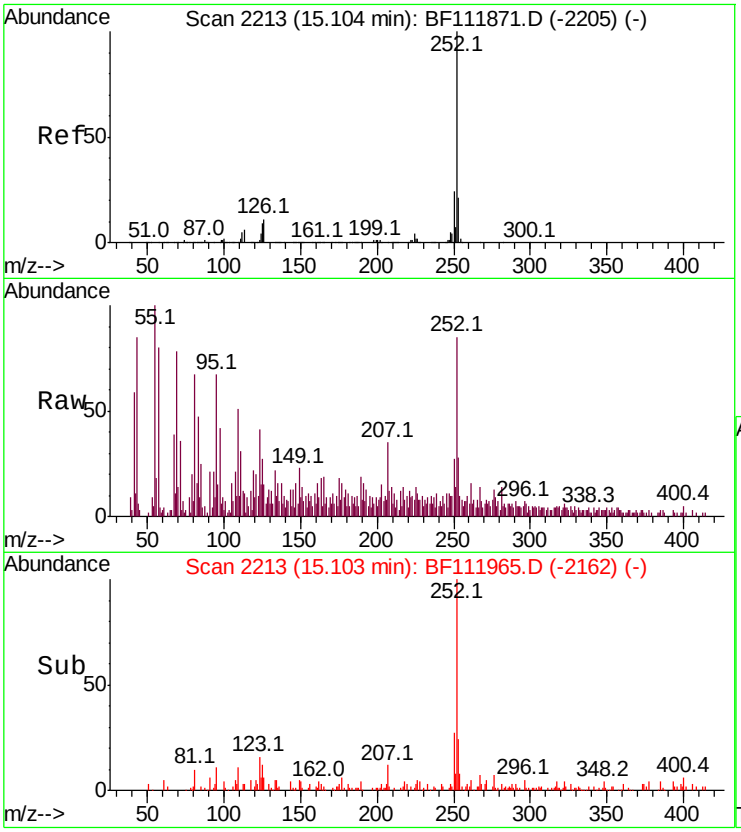




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:264 Resp: 208247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 19.2 | 28.8 |
| 265 | 21.0 | 17.1 | 25.7 |



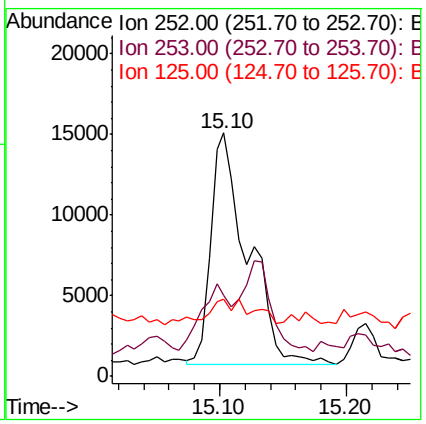


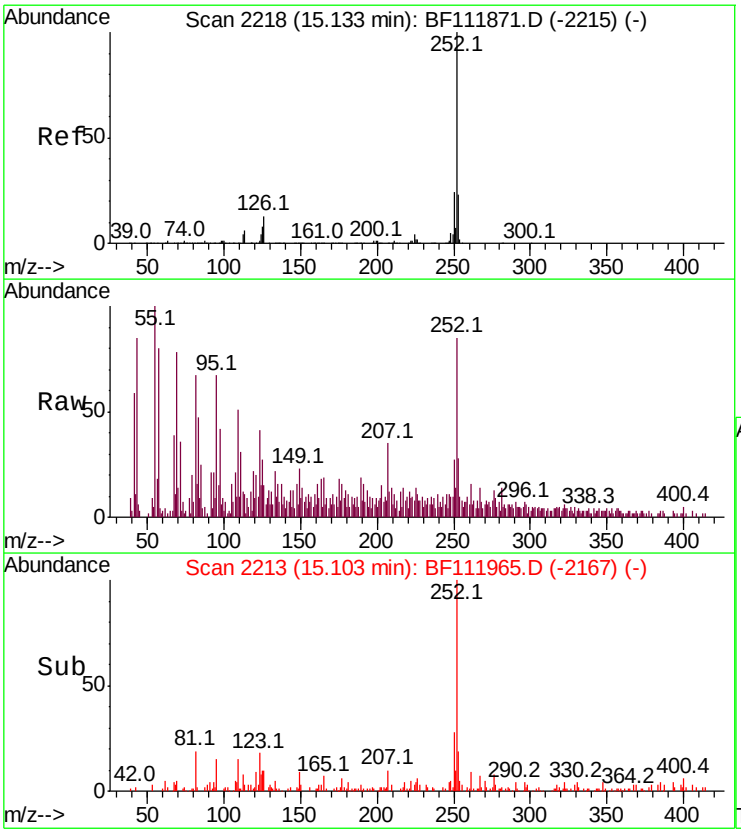

#88
Benzo(b)fluoranthene
Concen: 2.352 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

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

Tgt Ion:252 Resp: 29302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.1 | 17.0 | 25.6# |
| 125 | 32.0 | 7.1 | 10.7# |




#89
Benzo(k)fluoranthene
Concen: 2.502 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:252 Resp: 29302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.1 | 17.8 | 26.6# |
| 125 | 32.0 | 7.0 | 10.4# |