Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107432.D
Acq On : 17 Jul 2018 4:46
Operator : JU/SJ
Sample : J3819-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** AU-05-071318-B

Quant Time: Jul 17 06:09:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.98 | 152 | 127890 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.27 | 136 | 447899 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 206349 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.52 | 188 | 391344 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.17 | 240 | 342319 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.71 | 264 | 204883 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 380866 | 45.23 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 482470 | 44.32 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 321908 | 38.32 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.82 | 330 | 80317 | 44.30 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.34 | 172 | 495263 | 33.44 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.11 | 244 | 542147 | 39.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.54 | 70 | 51124 | 6.558 | ng | # | 74 |
| 25) Isophorone | 7.54 | 82 | 321908 | 19.335 | ng | # | 64 |
| 49) Dimethylphthalate | 9.73 | 163 | 84611 | 5.161 | ng | # | 98 |
| 53) 2,4-Dinitrophenol | 10.11 | 184 | 132 | 2.422 | ng | # | 25 |
| 64) 4,6-Dinitro-2-methylphenol | 10.70 | 198 | 349 | 7.630 | ng | | 90 |
| 70) Phenanthrene | 11.54 | 178 | 59847 | 3.069 | ng | # | 93 |
| 74) Fluoranthene | 12.74 | 202 | 84316 | 3.804 | ng | | 92 |
| 77) Pyrene | 12.97 | 202 | 93426 | 4.013 | ng | | 93 |
| 82) Chrysene | 14.19 | 228 | 42916 | 2.145 | ng | # | 78 |
| 87) Benzo(b)fluoranthene | 15.25 | 252 | 43241 | 3.606 | ng | # | 63 |

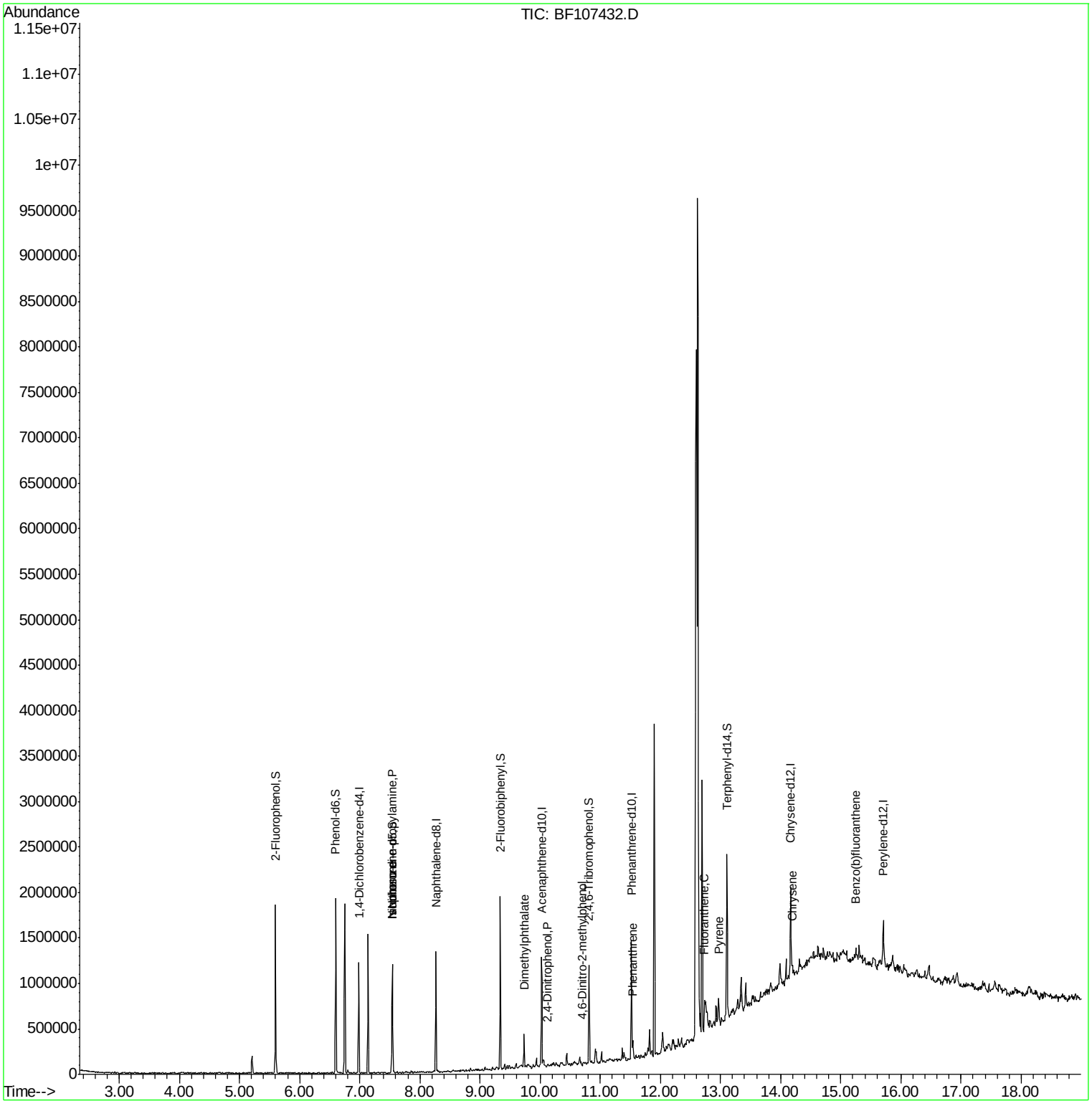
(#) = qualifier out of range (m) = manual integration (+) = signals summed

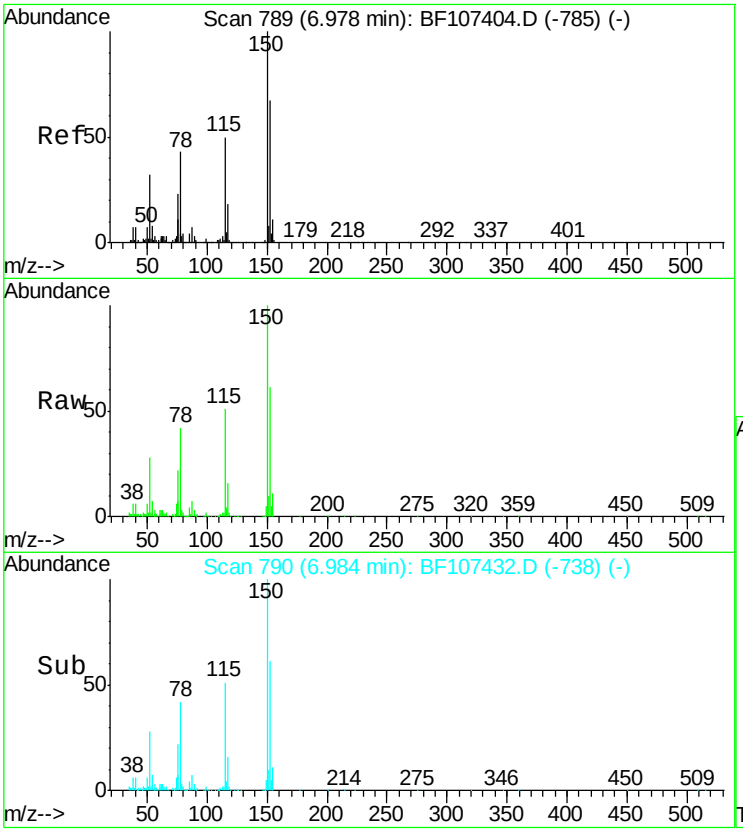
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107432.D
Acq On : 17 Jul 2018 4:46
Operator : JU/SJ
Sample : J3819-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Quant Time: Jul 17 06:09:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration



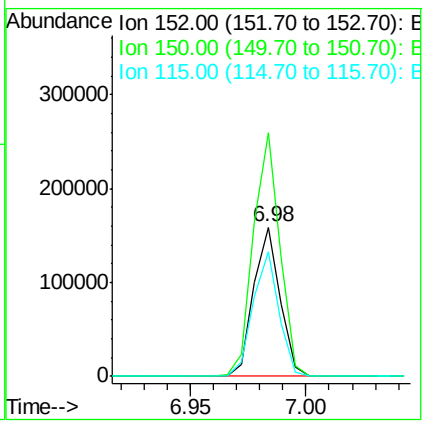


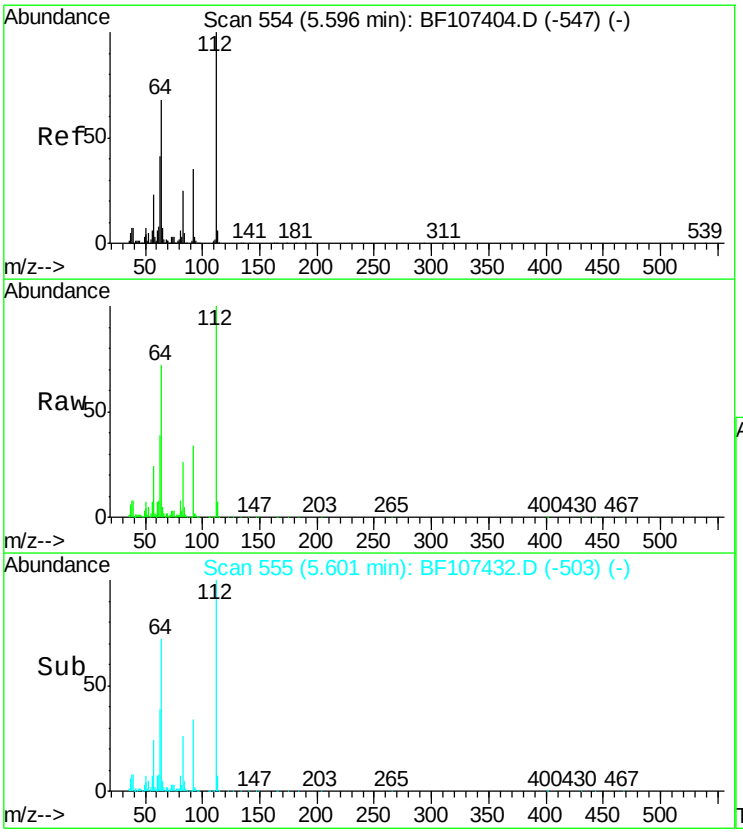

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:152 Resp: 127890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.5 | 124.6 | 186.8 |
| 115 | 83.3 | 50.1 | 75.1# |

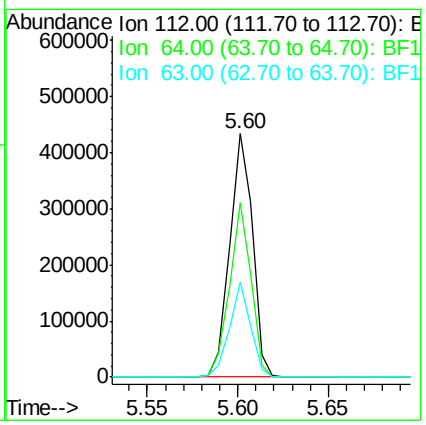


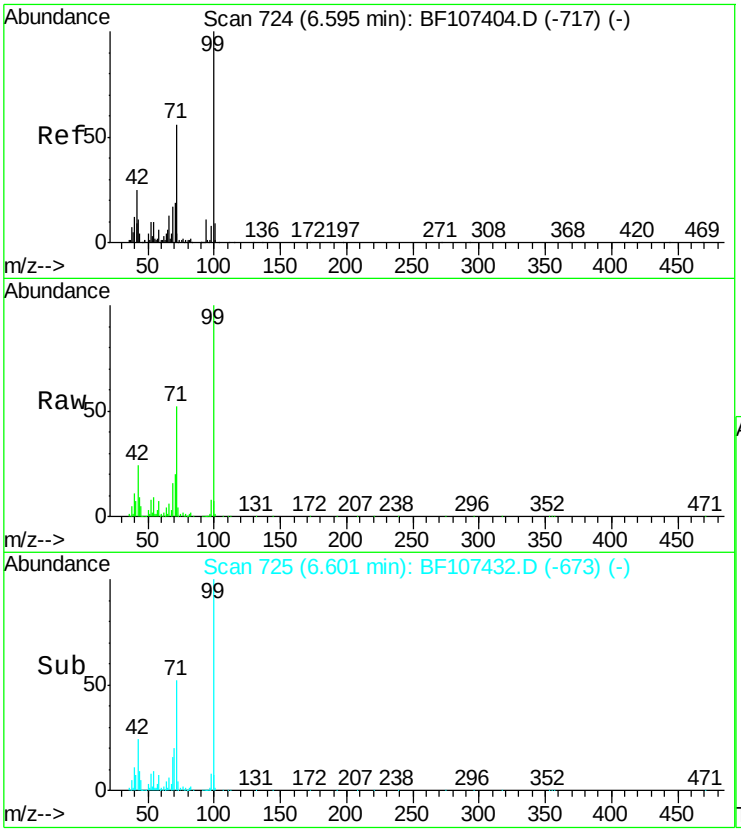




#5
2-Fluorophenol
Concen: 45.229 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:112 Resp: 380866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.8 | 47.9 | 71.9 |
| 63 | 38.9 | 23.7 | 35.5# |



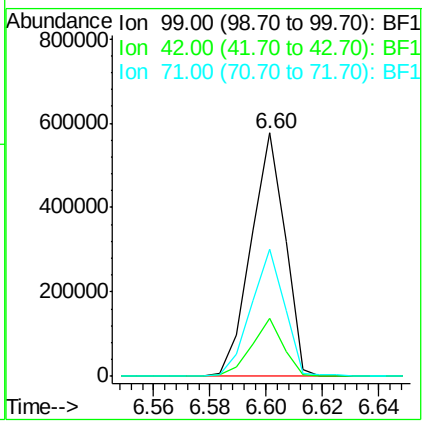


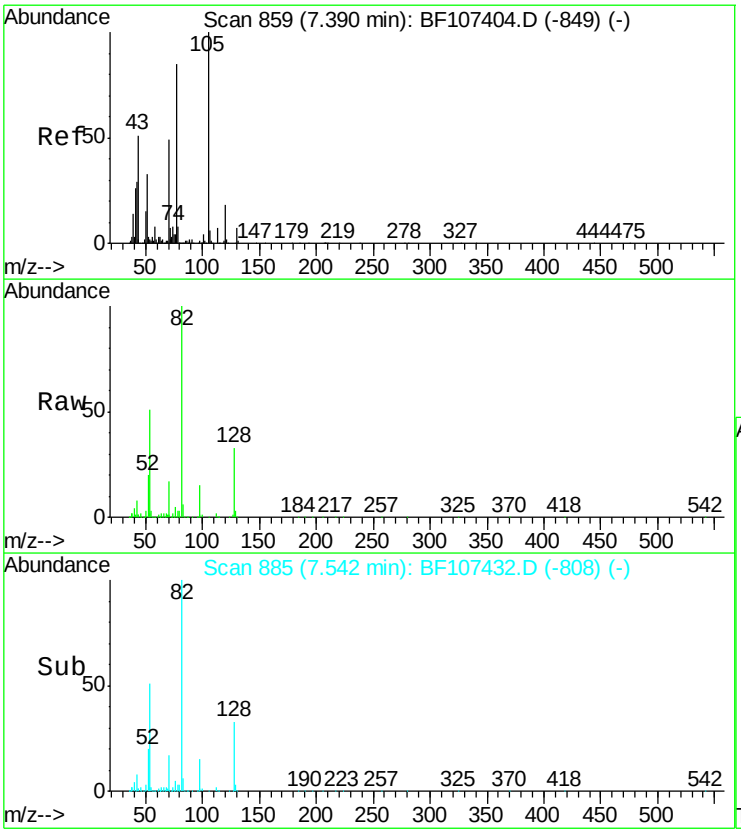

#7
Phenol-d6
Concen: 44.316 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion: 99 Resp: 482470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 14.5 | 21.7# |
| 71 | 52.3 | 25.4 | 38.0# |

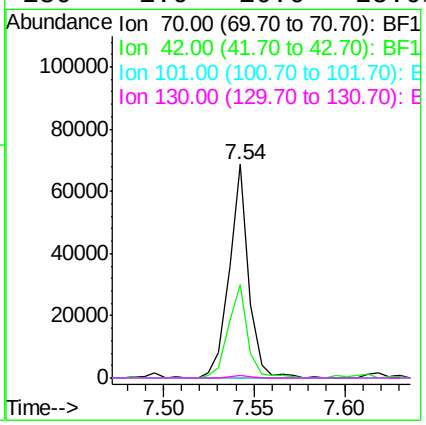


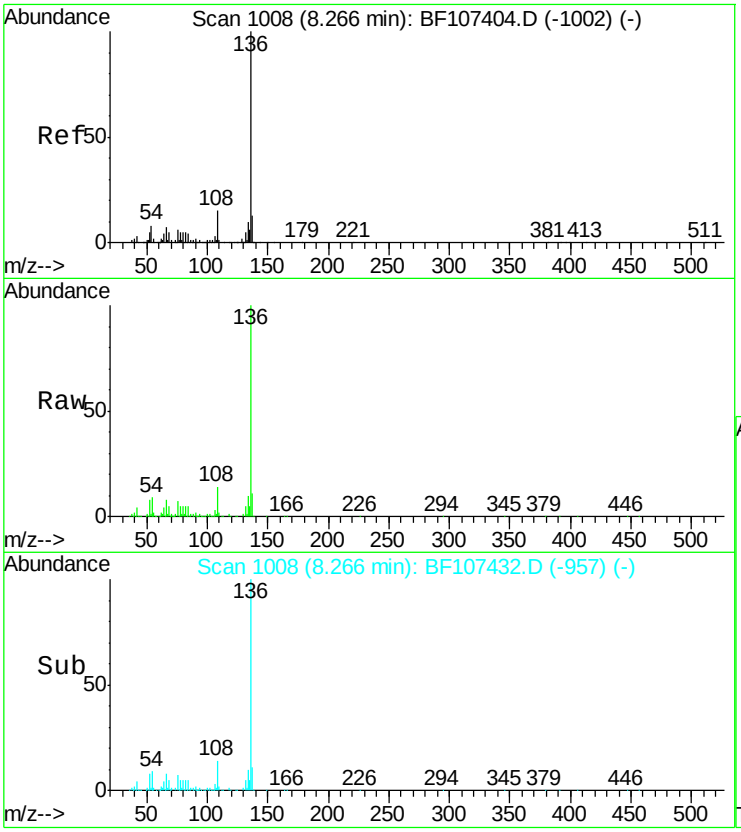




#19
n-Nitroso-di-n-propylamine
Concen: 6.558 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion: 70 Resp: 51124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.0 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.0 | 16.6 | 25.0# |



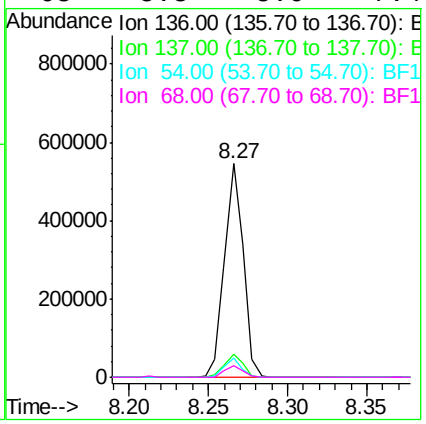


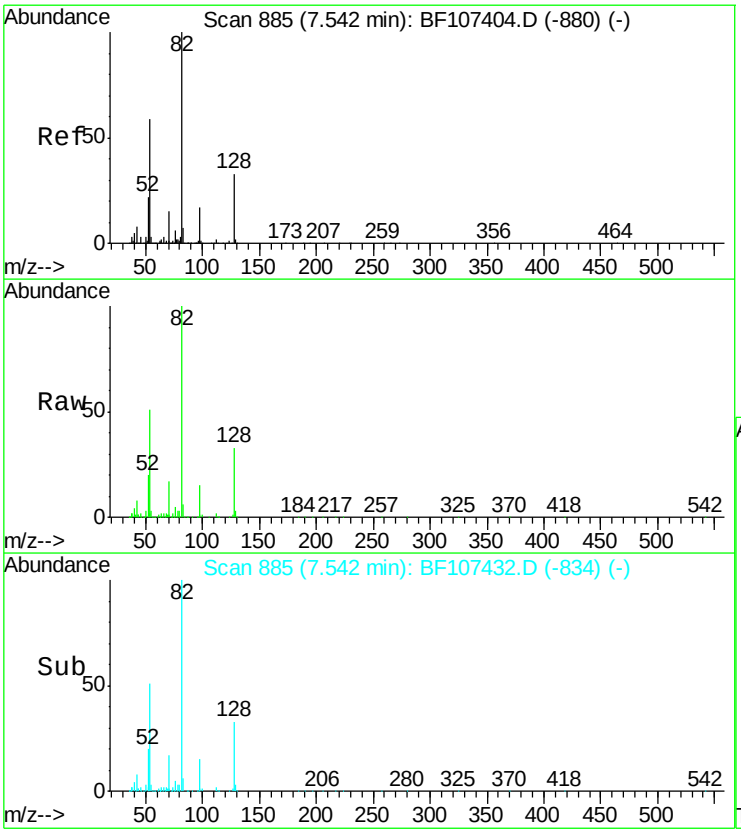

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:136 Resp: 447899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 9.2 | 6.6 | 9.8 |
| 68 | 5.3 | 5.0 | 7.4 |

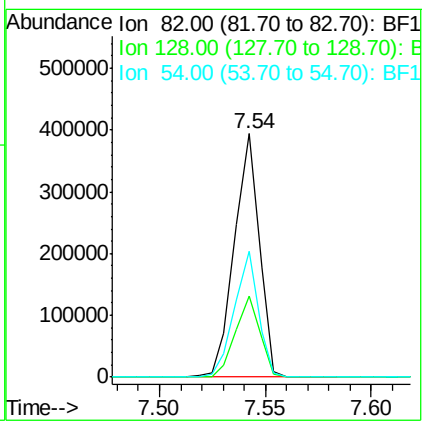


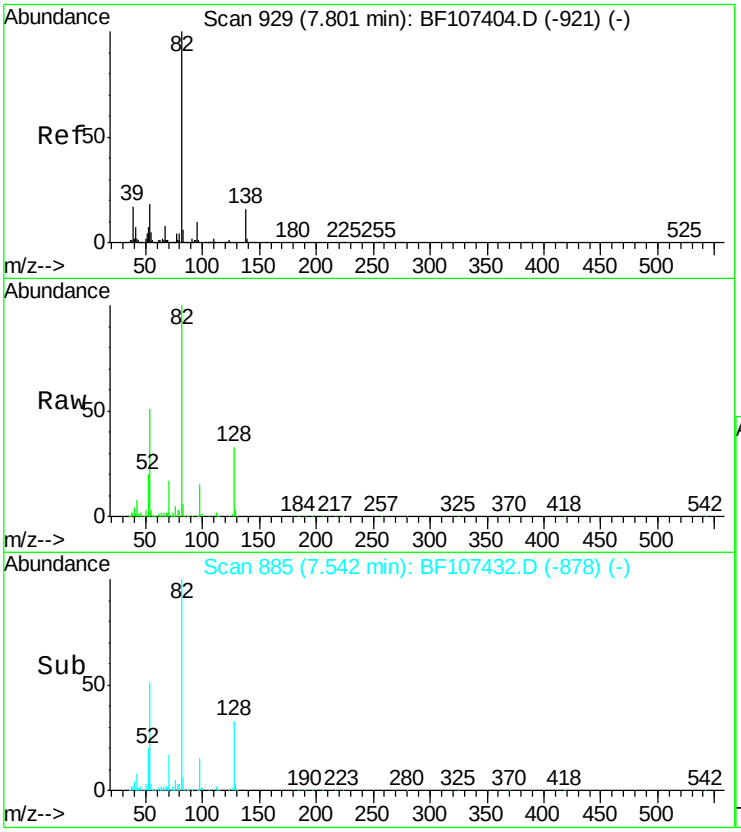




#23
Nitrobenzene-d5
Concen: 38.324 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion: 82 Resp: 321908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.4 | 36.1 | 54.1# |
| 54 | 51.5 | 41.4 | 62.2 |



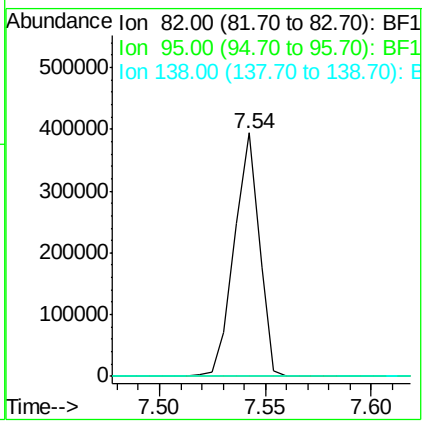


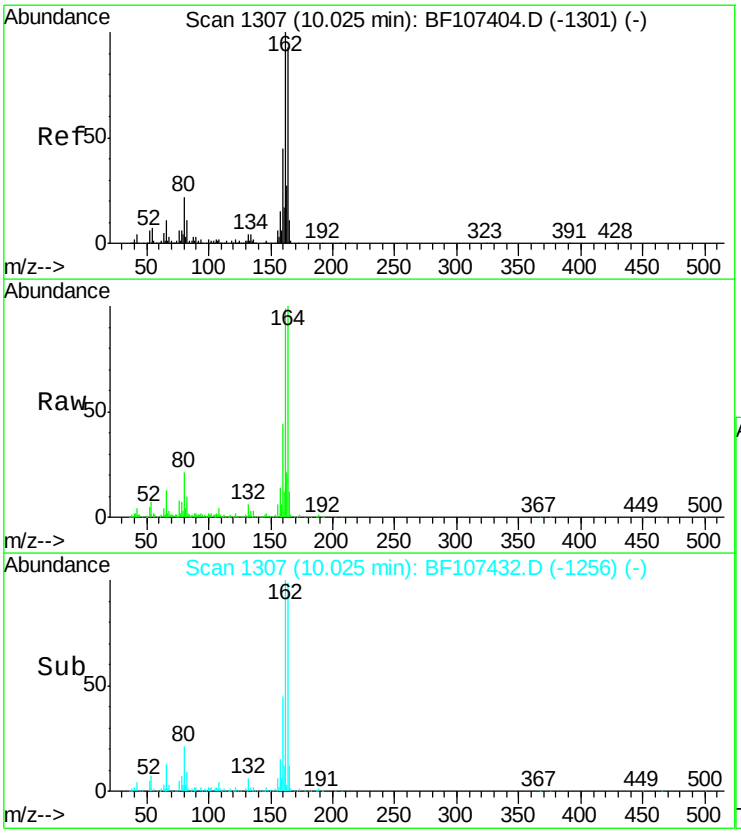

#25
Isophorone
Concen: 19.335 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion: 82 Resp: 321908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.2 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

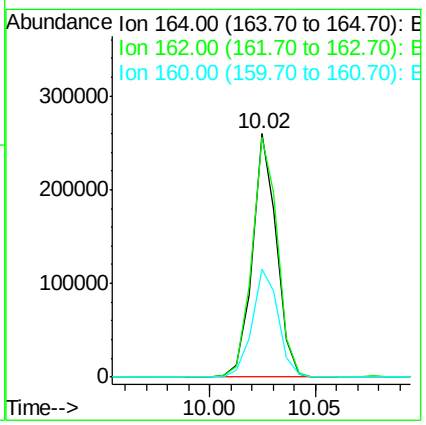


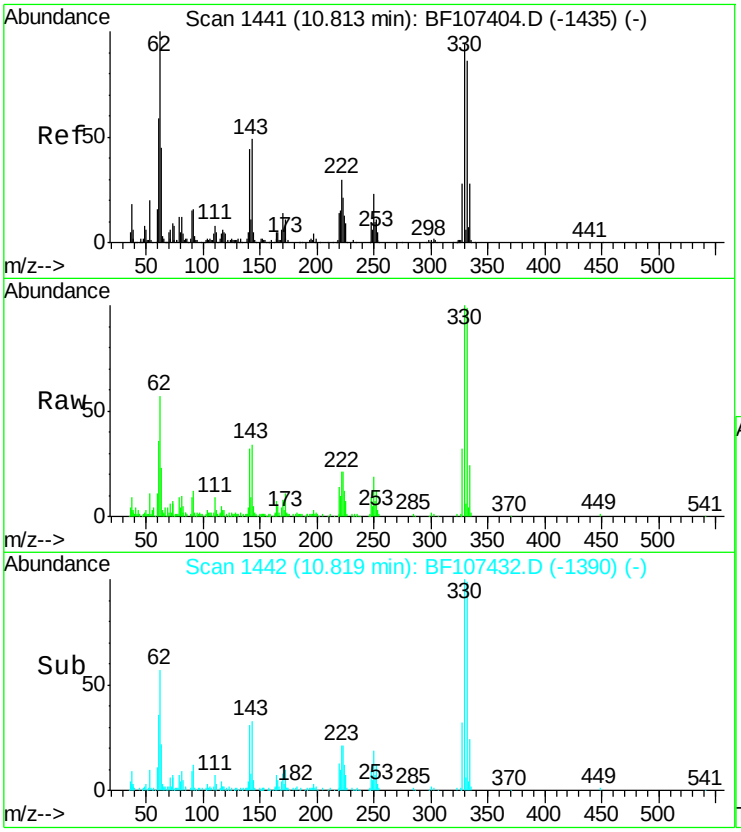




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:164 Resp: 206349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.6 | 86.1 | 129.1 |
| 160 | 44.5 | 38.3 | 57.5 |



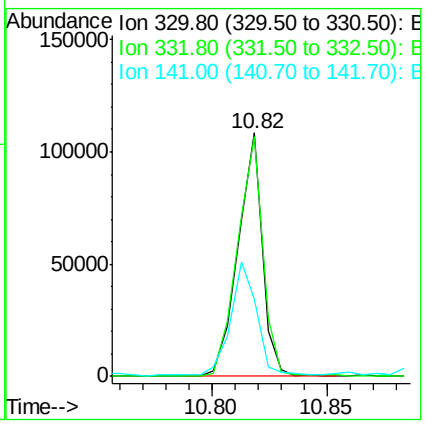


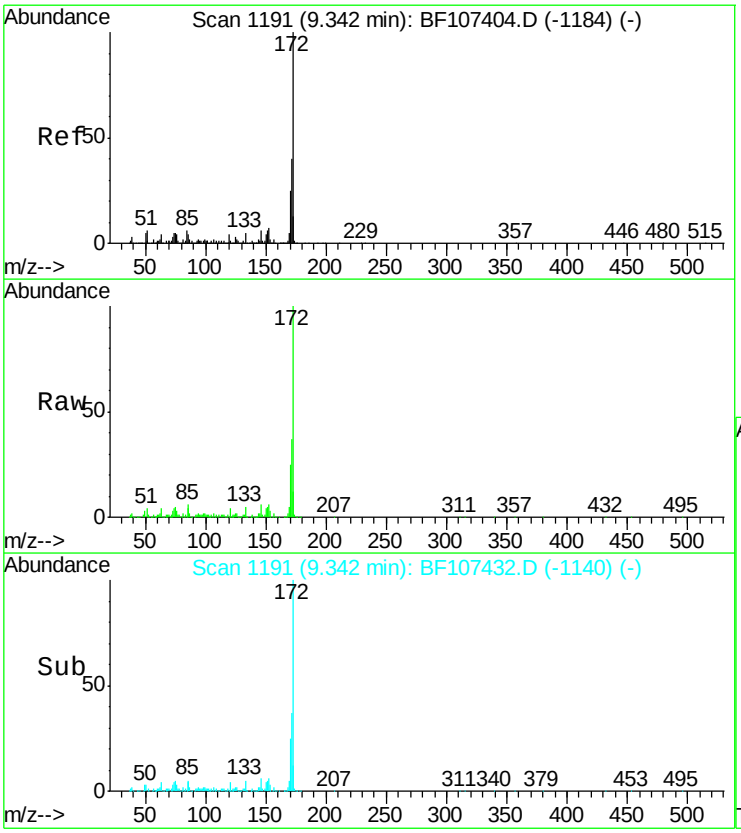

#41
2,4,6-Tribromophenol
Concen: 44.300 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:330 Resp: 80317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 103.3 | 77.0 | 115.6 |
| 141 | 52.8 | 29.9 | 44.9# |

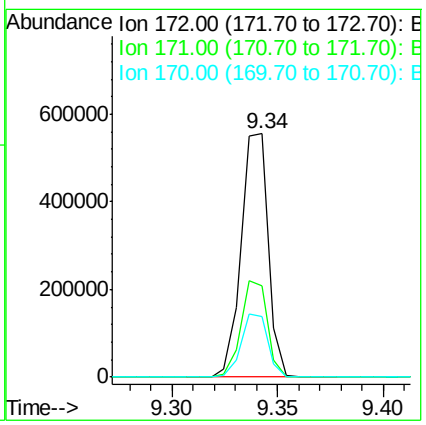


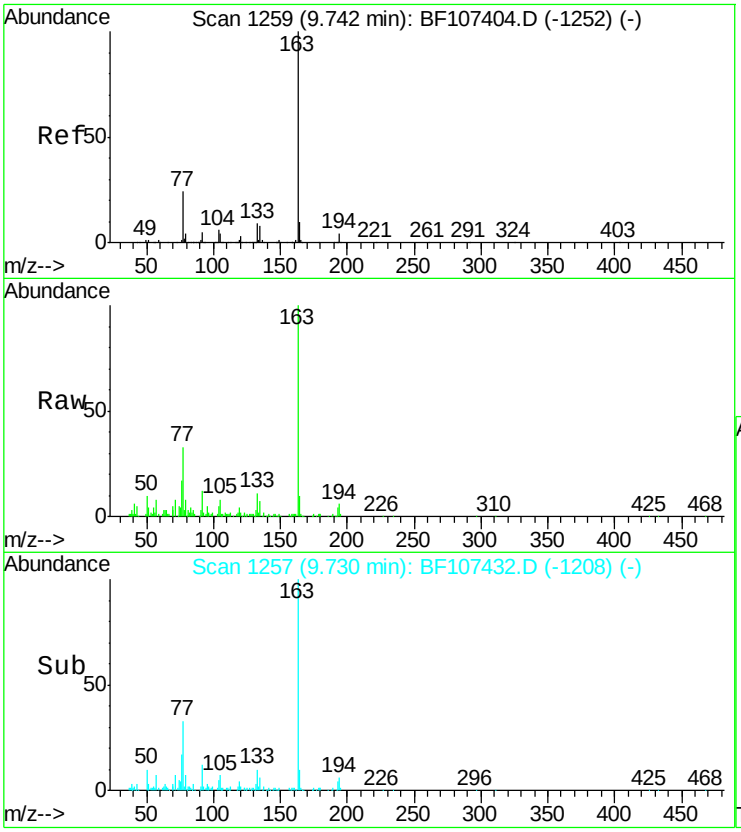




#44
2-Fluorobiphenyl
Concen: 33.443 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:172 Resp: 495263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.5 | 29.7 | 44.5 |
| 170 | 24.6 | 19.6 | 29.4 |



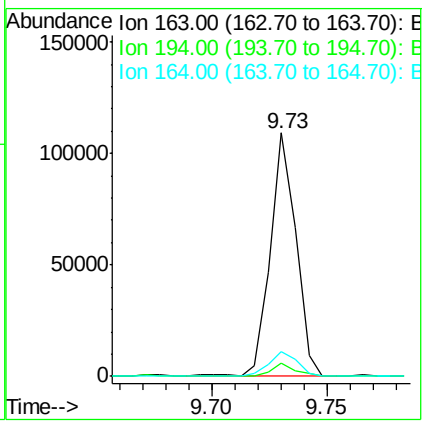


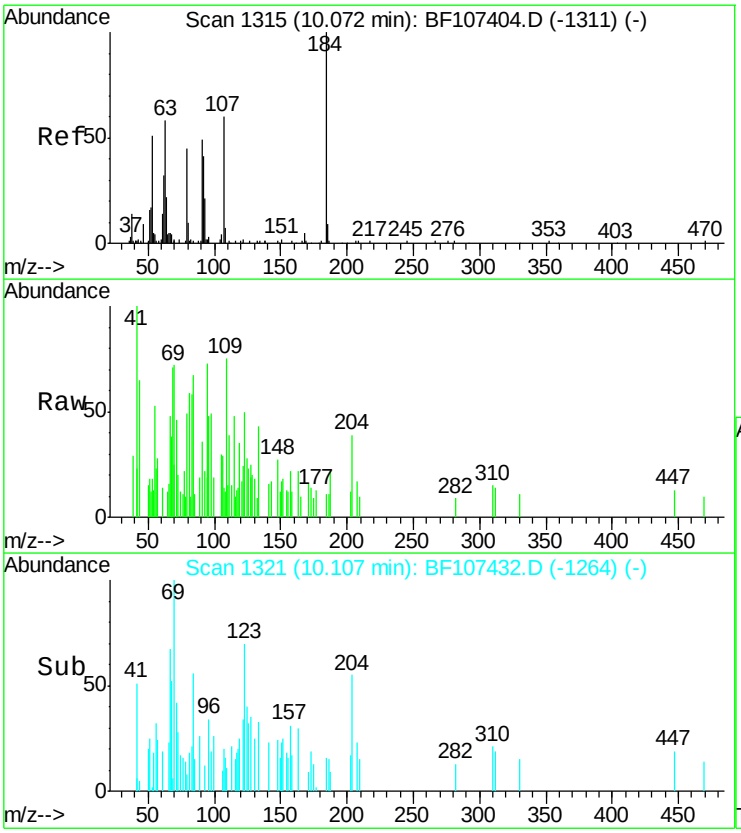

#49
Dimethylphthalate
Concen: 5.161 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:163 Resp: 84611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.5 | 2.7 | 4.1# |
| 164 | 10.0 | 8.2 | 12.2 |

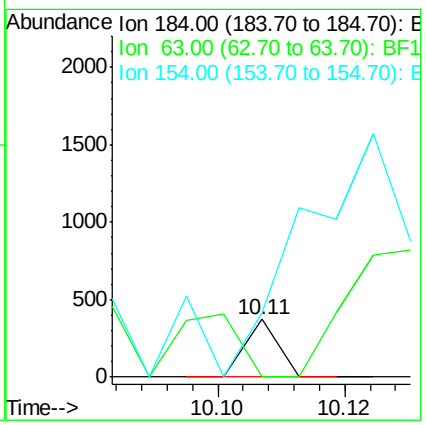


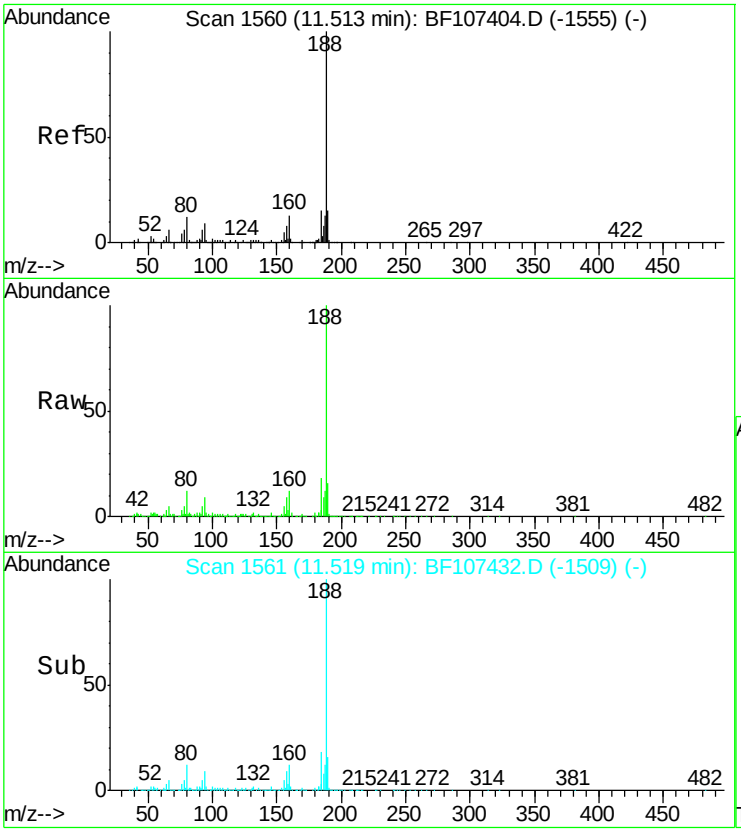




#53
2,4-Dinitrophenol
Concen: 2.422 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.04 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:184 Resp: 132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 54.2 | 81.2# |
| 154 | 110.7 | 184.0 | 276.0# |



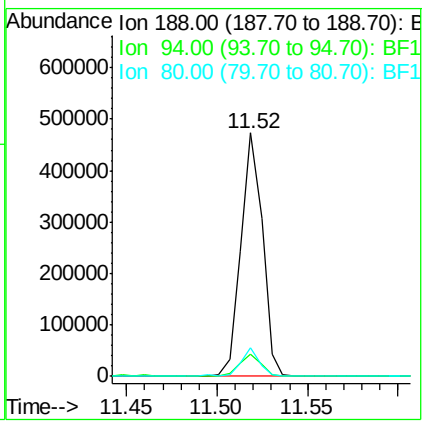


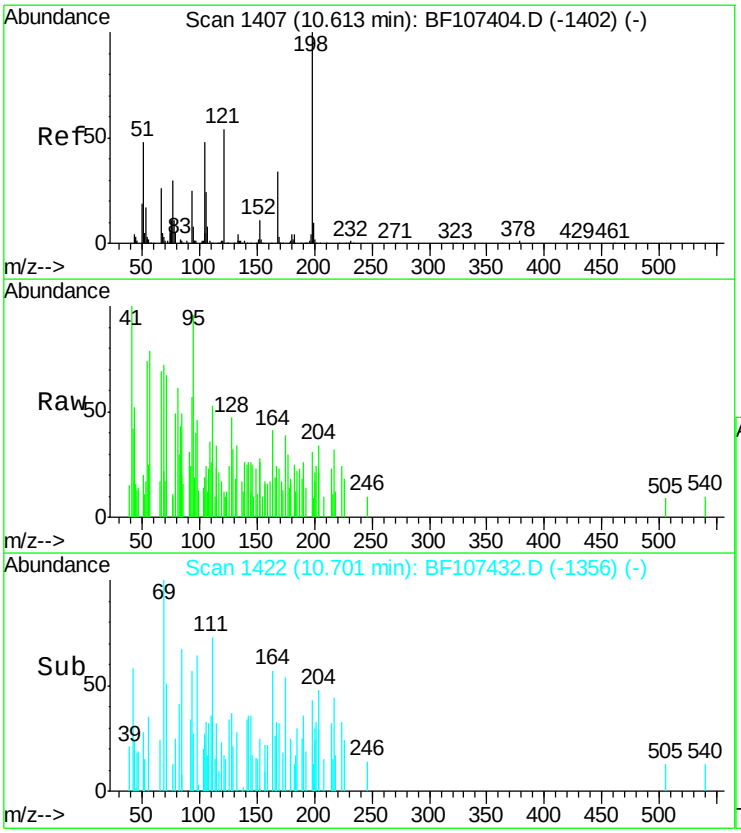

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:188 Resp: 391344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 8.5 | 12.7 |
| 80 | 11.9 | 9.2 | 13.8 |

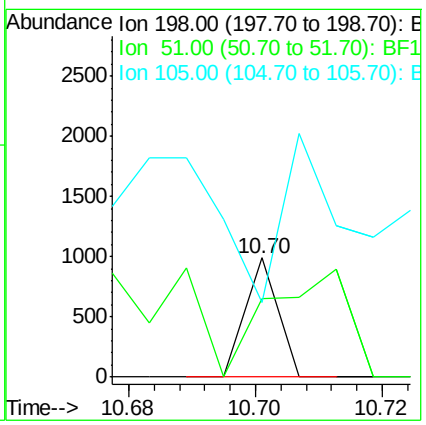


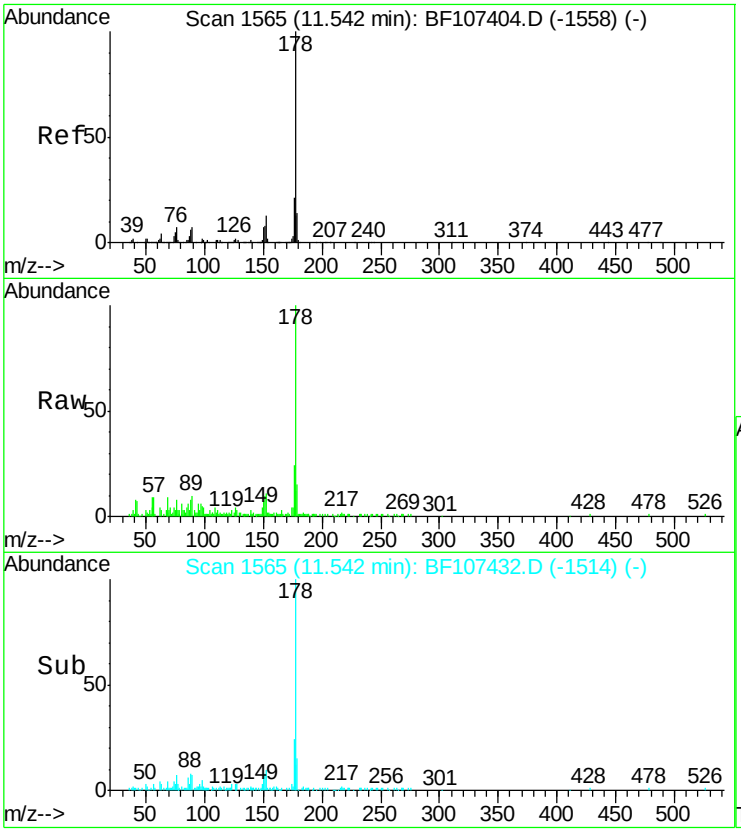




#64
4,6-Dinitro-2-methylphenol
Concen: 7.630 ng
RT: 10.70 min Scan# 1422
Delta R.T. 0.09 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:198 Resp: 349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 65.4 | 37.7 | 77.7 |
| 105 | 63.1 | 36.3 | 76.3 |



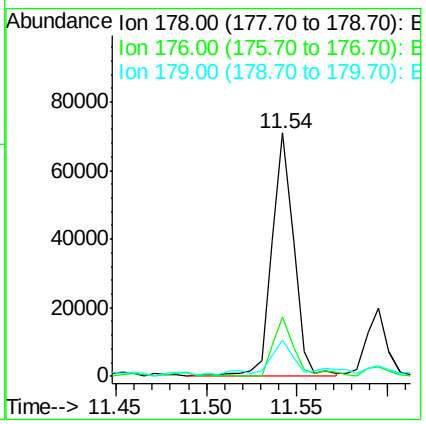


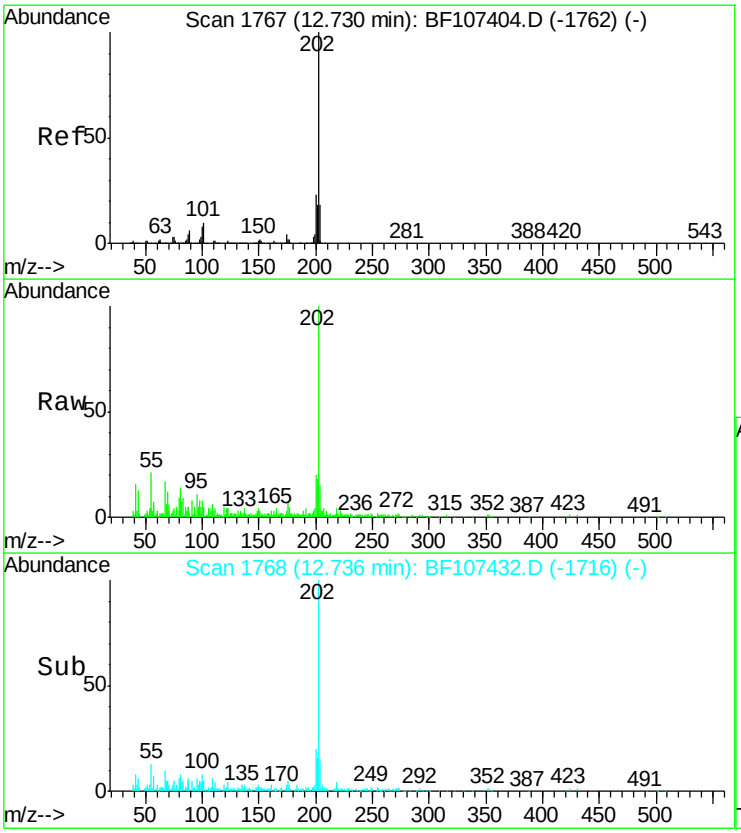

#70
Phenanthrene
Concen: 3.069 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:178 Resp: 59847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.3 | 15.8 | 23.8# |
| 179 | 14.9 | 13.0 | 19.6 |

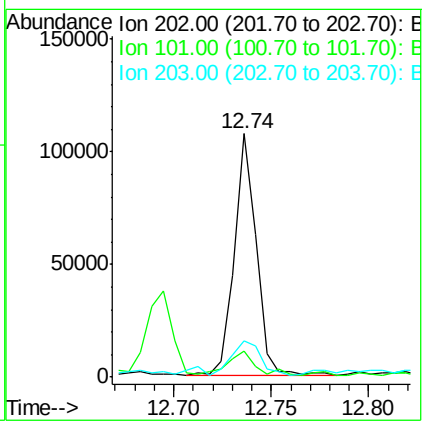


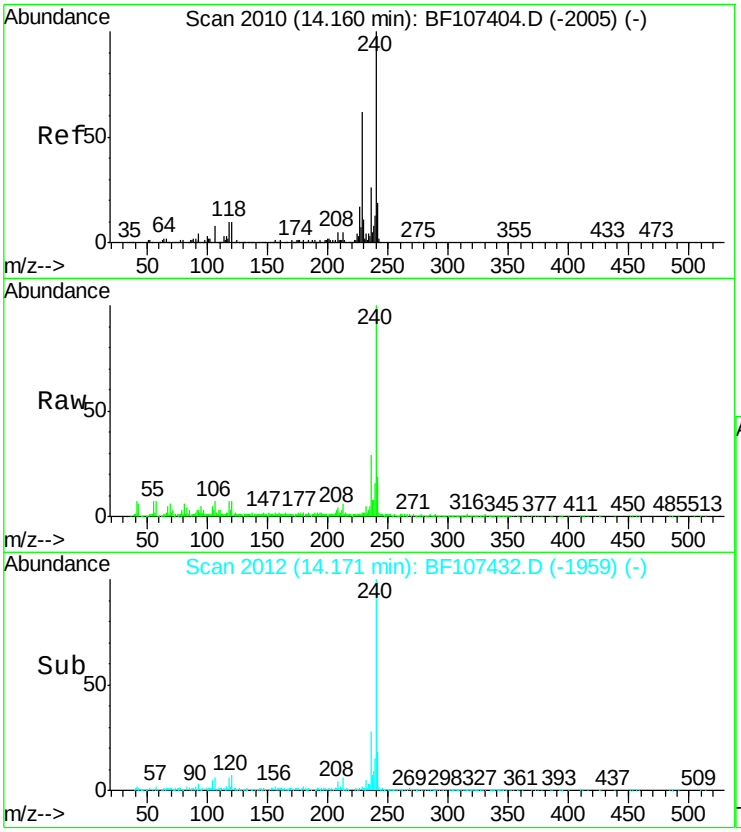




#74
Fluoranthene
Concen: 3.804 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:202 Resp: 84316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 0.0 | 34.1 |
| 203 | 15.1 | 0.0 | 38.1 |



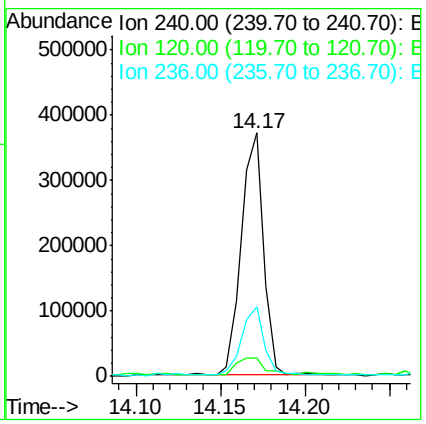


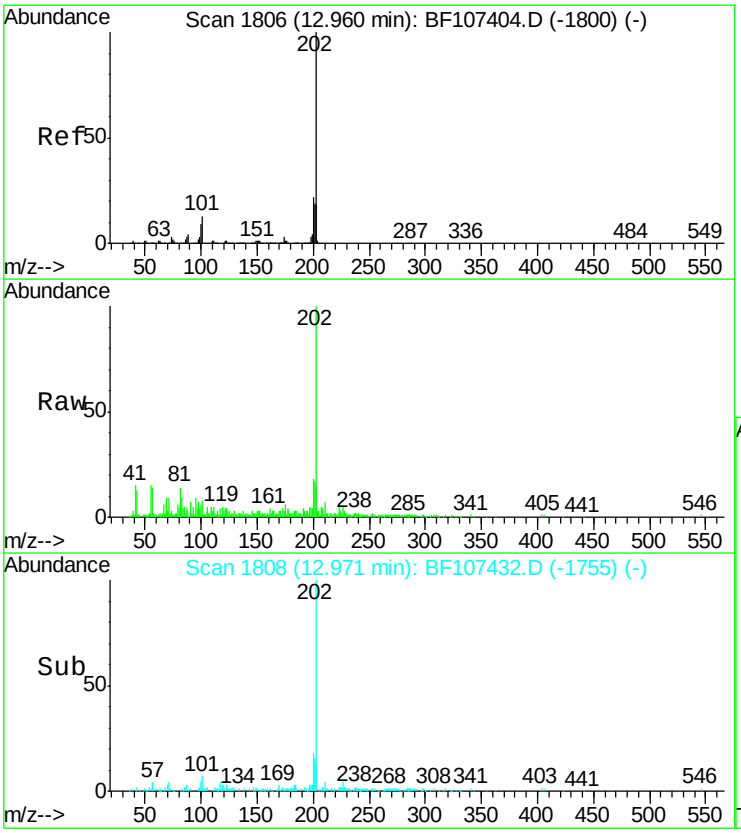

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:240 Resp: 342319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 9.5 | 14.3# |
| 236 | 28.5 | 20.7 | 31.1 |

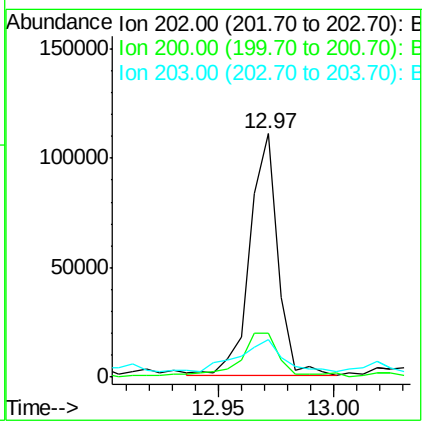


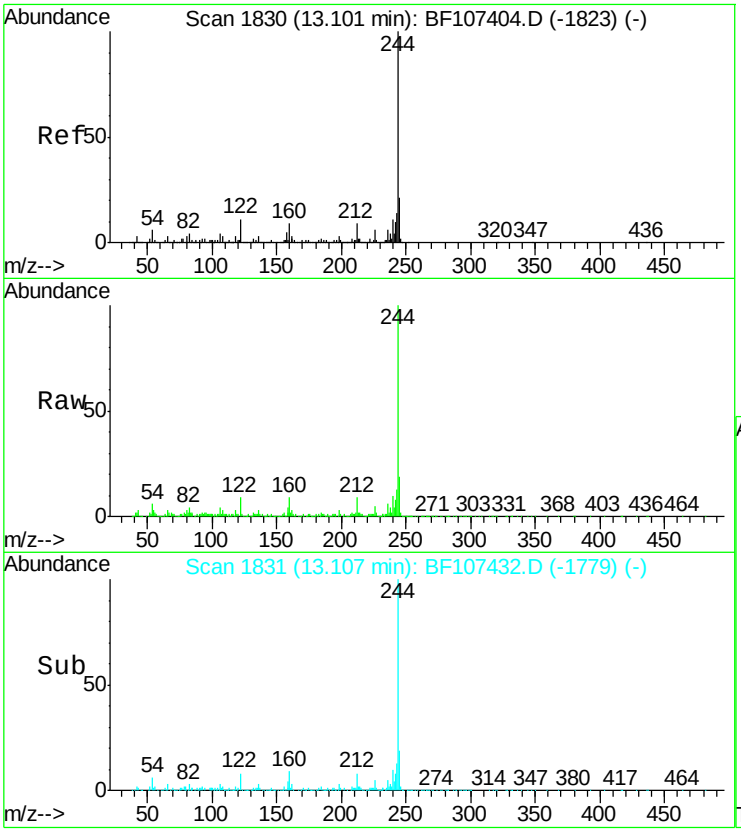




#77
Pyrene
Concen: 4.013 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:202 Resp: 93426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.0 | 17.4 | 26.2 |
| 203 | 15.2 | 14.3 | 21.5 |



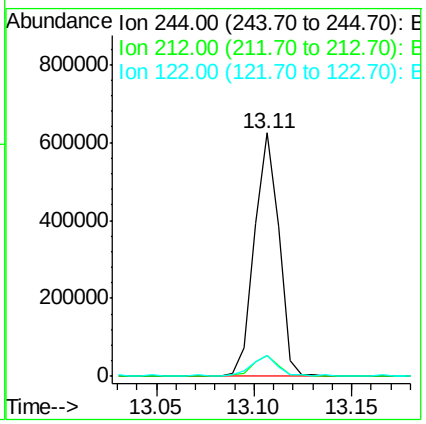


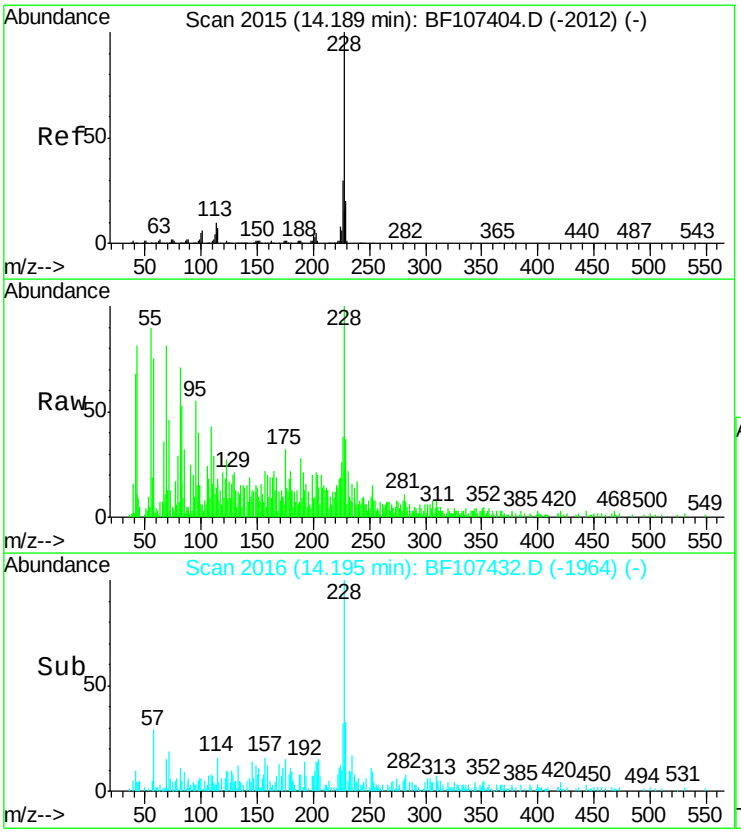

#78
Terphenyl-d14
Concen: 39.349 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:244 Resp: 542147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 5.4 | 8.0# |
| 122 | 8.8 | 11.0 | 16.4# |

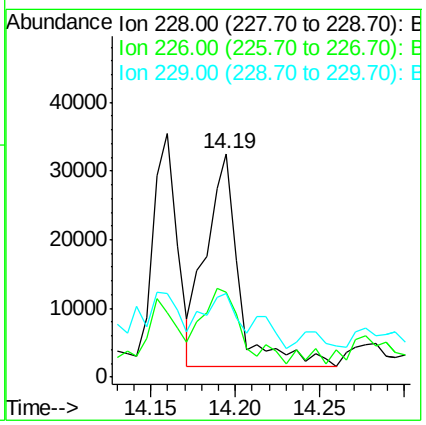


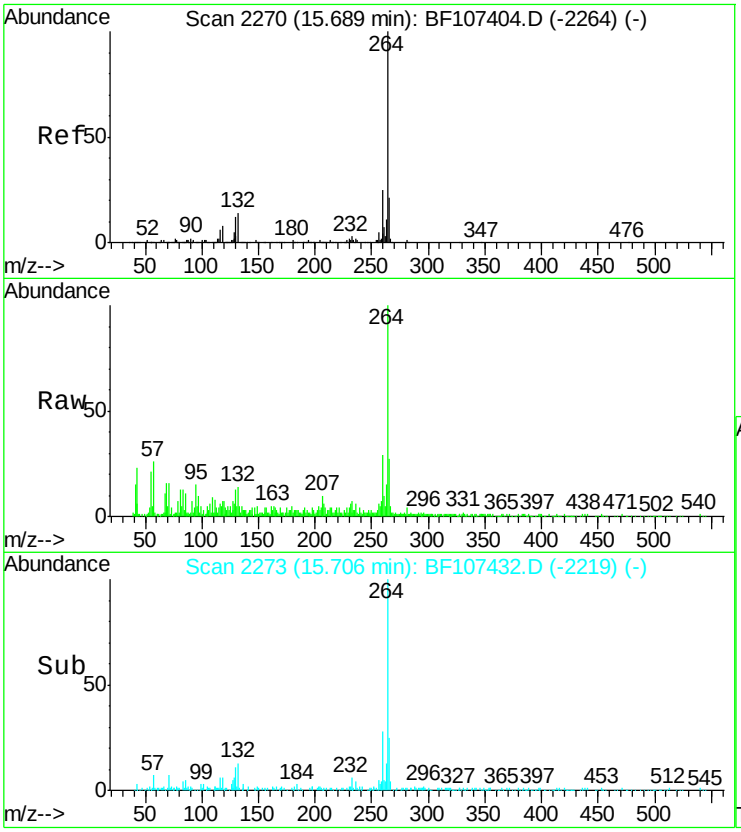




#82
Chrysene
Concen: 2.145 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:228 Resp: 42916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 37.7 | 25.0 | 37.6# |
| 229 | 37.3 | 16.2 | 24.4# |



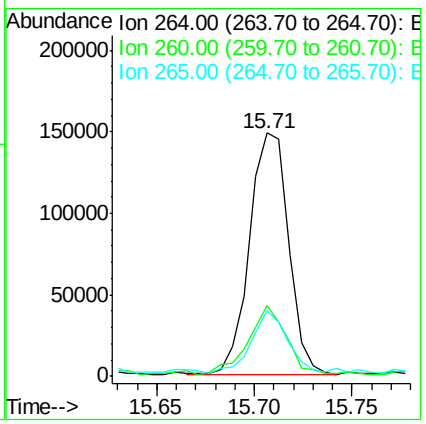


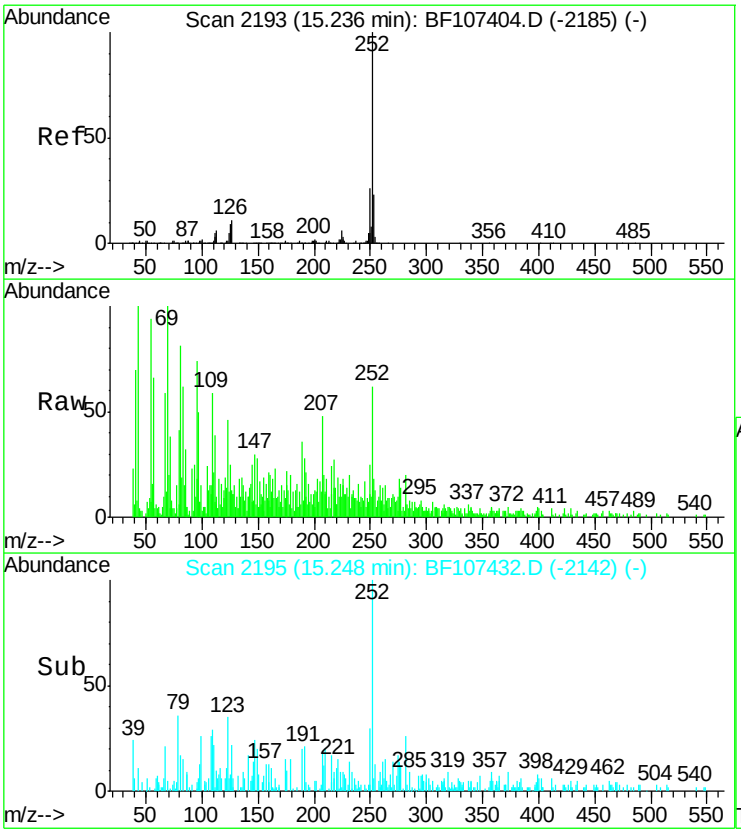

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

**Instrument :**
BNA_F
**ClientSampleId :**
AU-05-071318-B

Tgt Ion:264 Resp: 204883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 29.2 | 19.2 | 28.8# |
| 265 | 27.0 | 17.5 | 26.3# |




#87
Benzo(b)fluoranthene
Concen: 3.606 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion:252 Resp: 43241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.5 | 17.0 | 25.6# |
| 125 | 40.0 | 9.0 | 13.6# |