Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108650.D
Acq On : 30 Aug 2018 19:50
Operator : JU/SJ
Sample : J4275-21 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 31 01:11:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.00 | 152 | 85889 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.28 | 136 | 367380 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.04 | 164 | 168887 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.54 | 188 | 288995 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.19 | 240 | 283112 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.75 | 264 | 282751 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.67 | 112 | 152399 | 30.82 | ng | | 0.02 |
| 7) Phenol-d6 | 6.65 | 99 | 286232 | 40.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.57 | 82 | 191779 | 26.50 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 72714 | 32.61 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.35 | 172 | 367500 | 29.26 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.12 | 244 | 311962 | 21.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.57 | 70 | 24170 | 5.097 | ng | # | 85 |
| 25) Isophorone | 7.57 | 82 | 191779 | 15.951 | ng | # | 64 |
| 49) Dimethylphthalate | 9.75 | 163 | 33569 | 2.524 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 10.04 | 165 | 21342 | 7.280 | ng | # | 26 |
| 55) 4-Nitrophenol | 10.26 | 139 | 354 | 4.924 | ng | # | 9 |
| 56) 2,4-Dinitrotoluene | 10.04 | 165 | 21483 | 5.535 | ng | # | 24 |
| 74) Fluoranthene | 12.76 | 202 | 41656 | 2.537 | ng | | 95 |
| 80) Benzo(a)anthracene | 14.18 | 228 | 44213 | 2.562 | ng | # | 85 |
| 82) Chrysene | 14.22 | 228 | 38797 | 2.337 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 17.37 | 276 | 54088 | 4.687 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 15.28 | 252 | 144150 | 8.299 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 144150 | 8.378 | ng | | 93 |
| 89) Benzo(a)pyrene | 15.68 | 252 | 72100 | 4.593 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.86 | 276 | 47708 | 3.916 | ng | # | 88 |

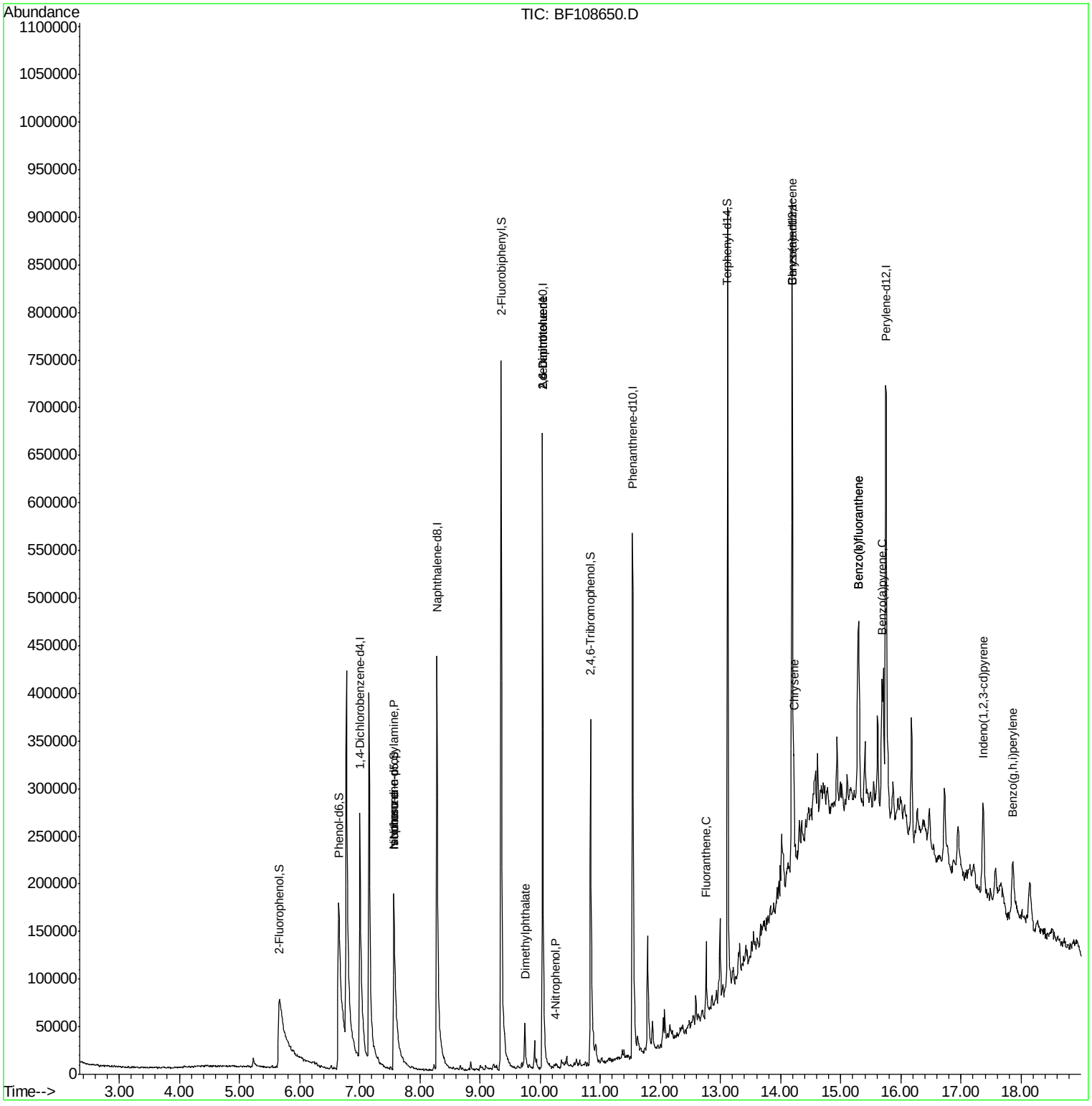
(#) = qualifier out of range (m) = manual integration (+) = signals summed

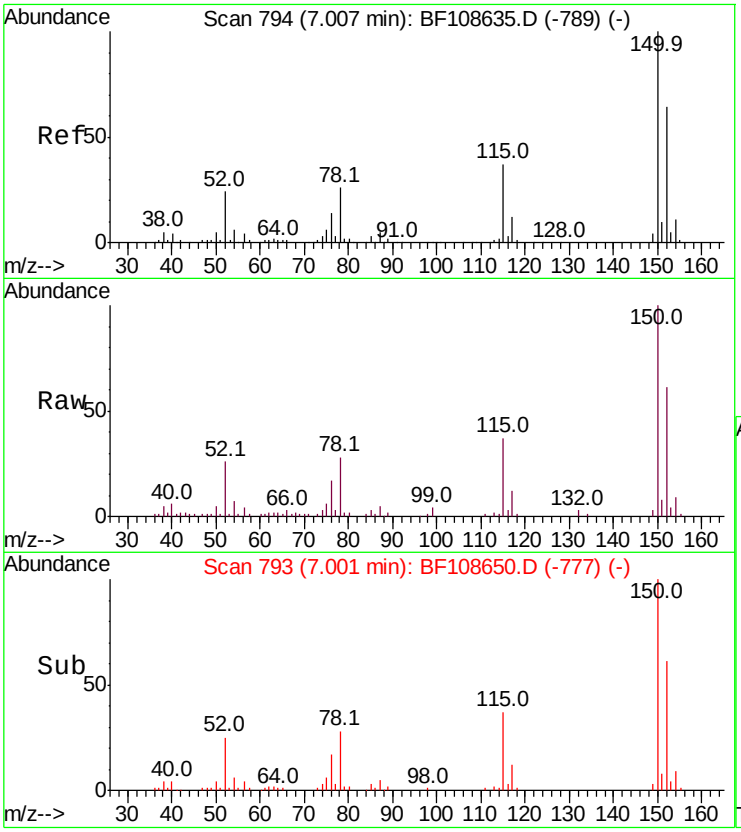
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108650.D
Acq On : 30 Aug 2018 19:50
Operator : JU/SJ
Sample : J4275-21 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 31 01:11:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



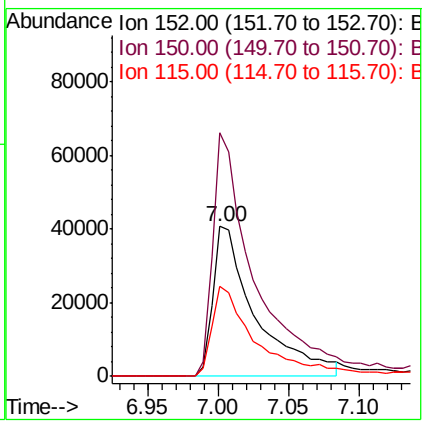


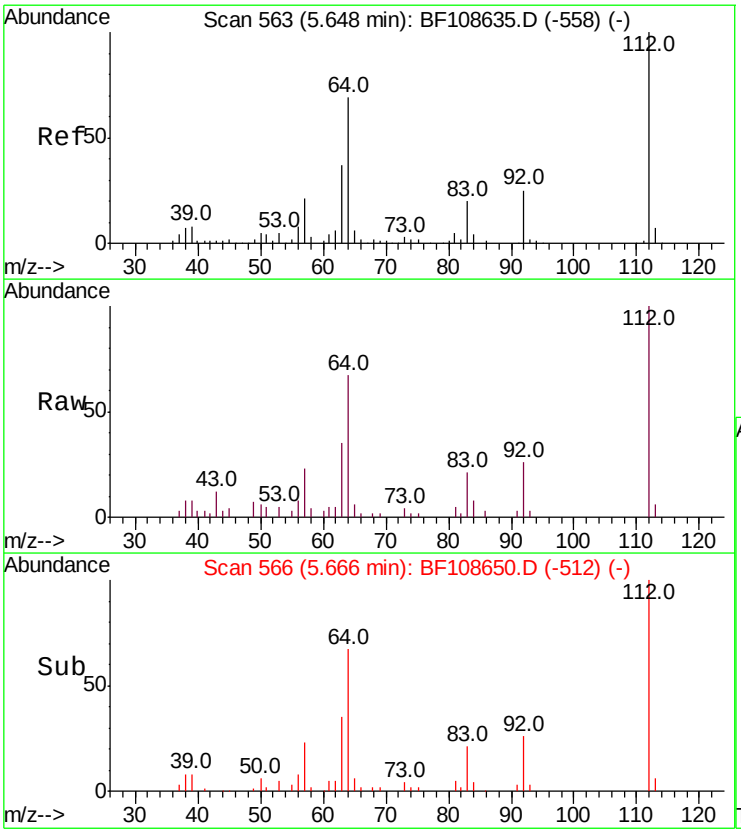

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:152 Resp: 85889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.7 | 124.6 | 186.8 |
| 115 | 60.5 | 50.1 | 75.1 |

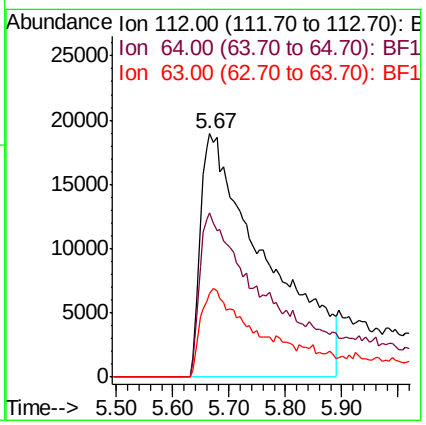


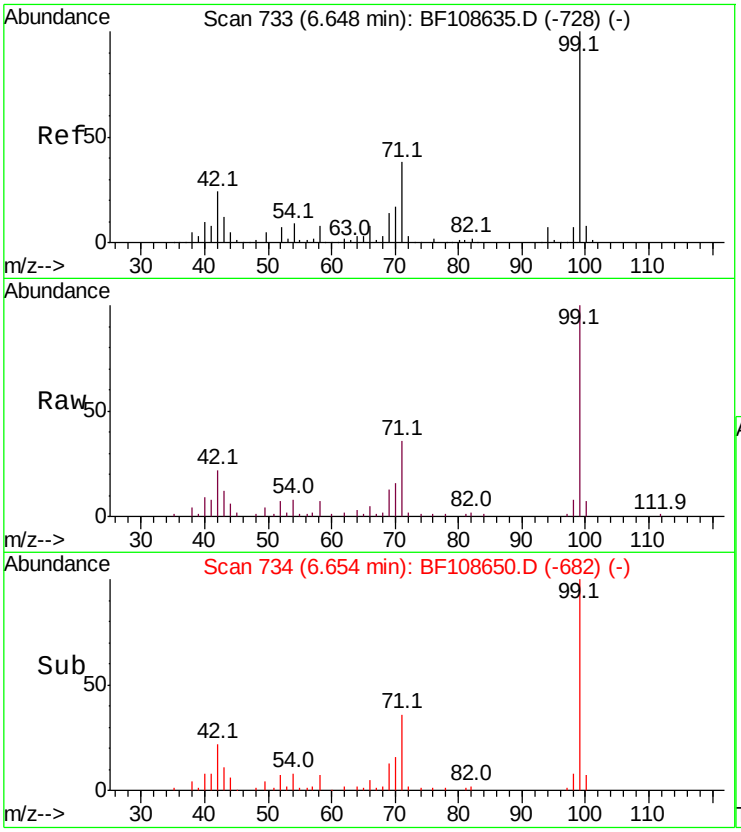




#5
2-Fluorophenol
Concen: 30.824 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:112 Resp: 152399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.2 | 47.9 | 71.9 |
| 63 | 34.6 | 23.7 | 35.5 |



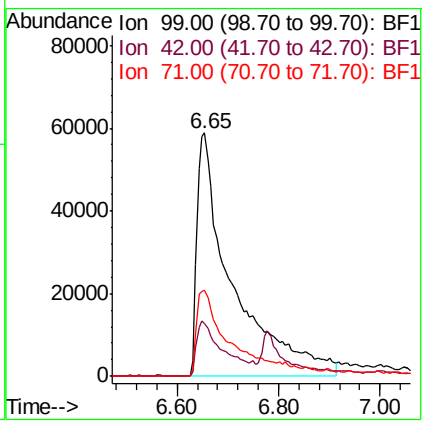


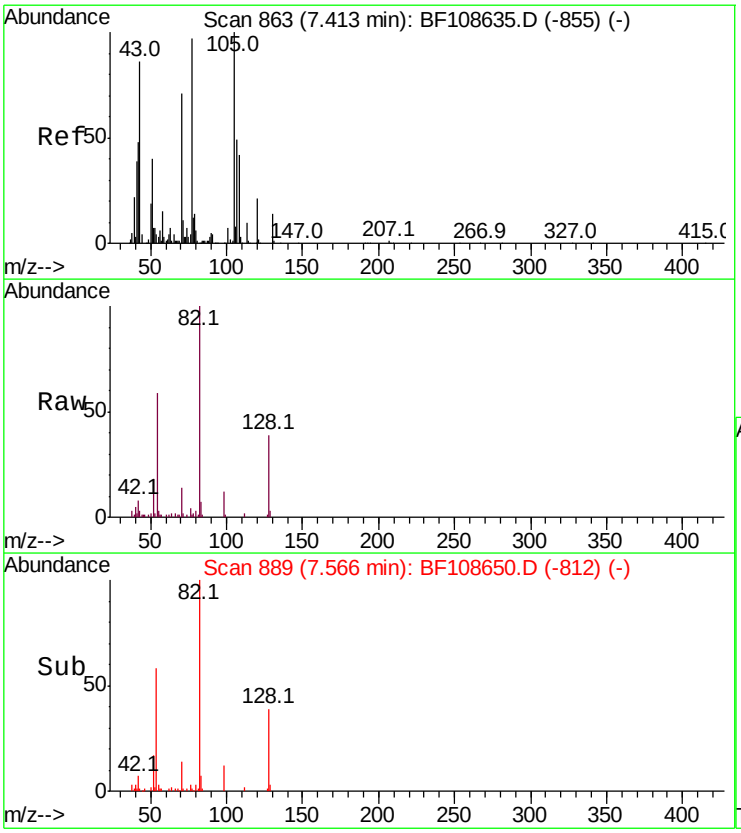

#7
Phenol-d6
Concen: 40.421 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion: 99 Resp: 286232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.8 | 14.5 | 21.7# |
| 71 | 35.6 | 25.4 | 38.0 |

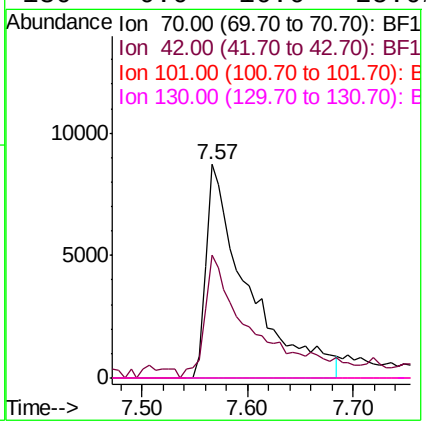


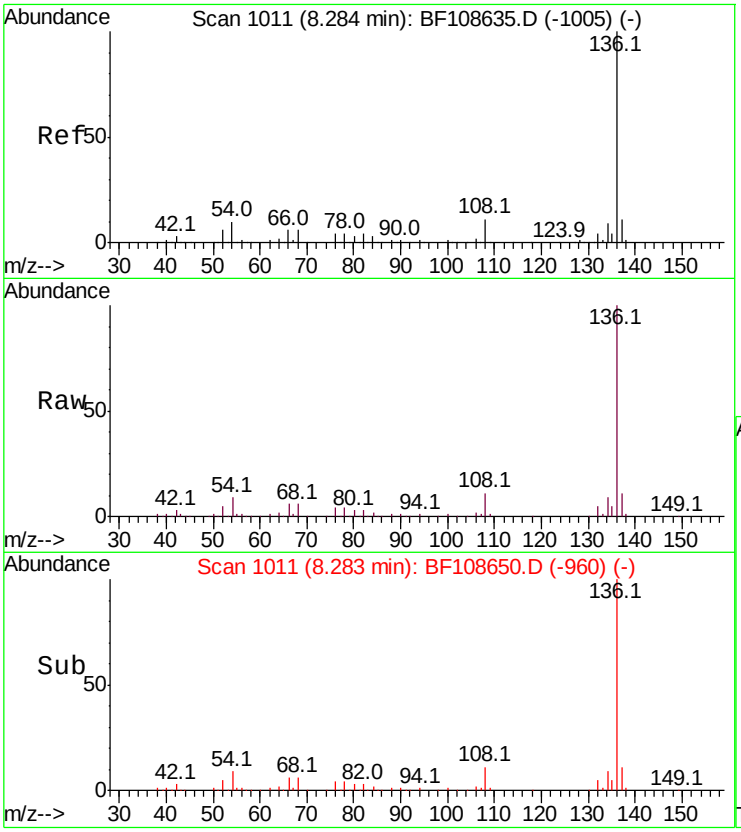




#19
n-Nitroso-di-n-propylamine
Concen: 5.097 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion: 70 Resp: 24170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.2 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 0.0 | 16.6 | 25.0# |



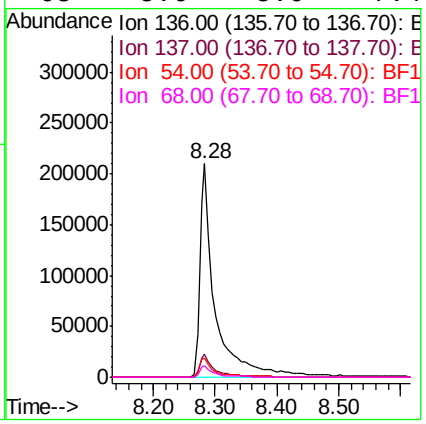


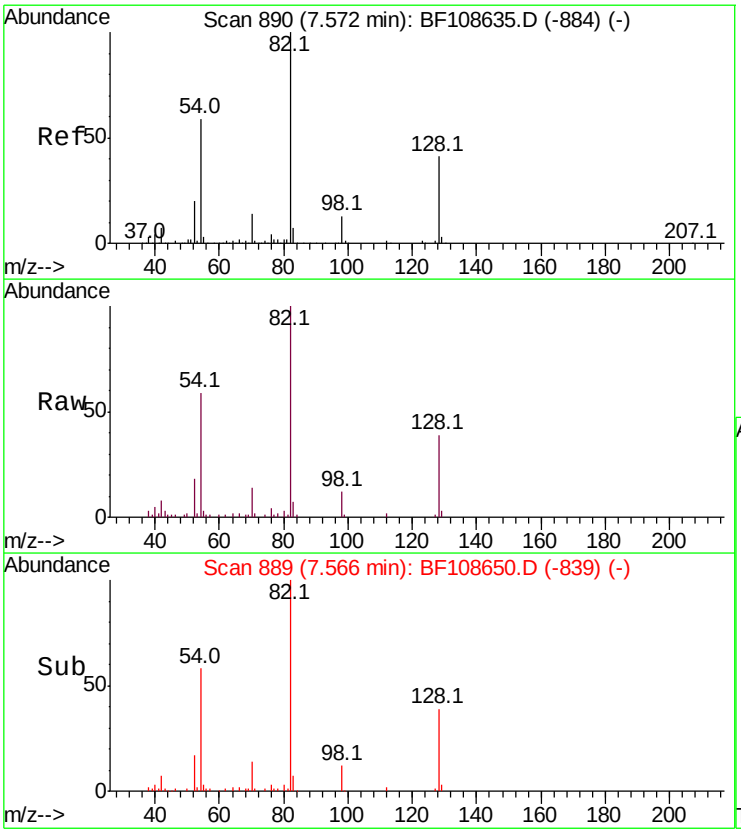

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:136 Resp: 367380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 8.9 | 6.6 | 9.8 |
| 68 | 5.6 | 5.0 | 7.4 |

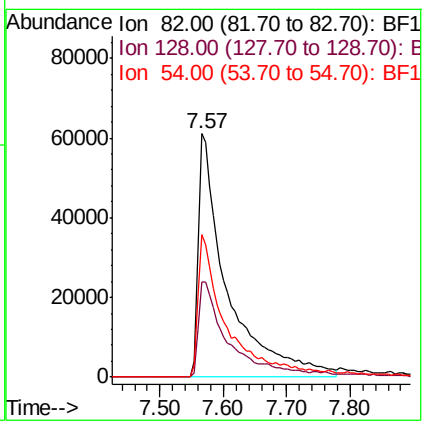


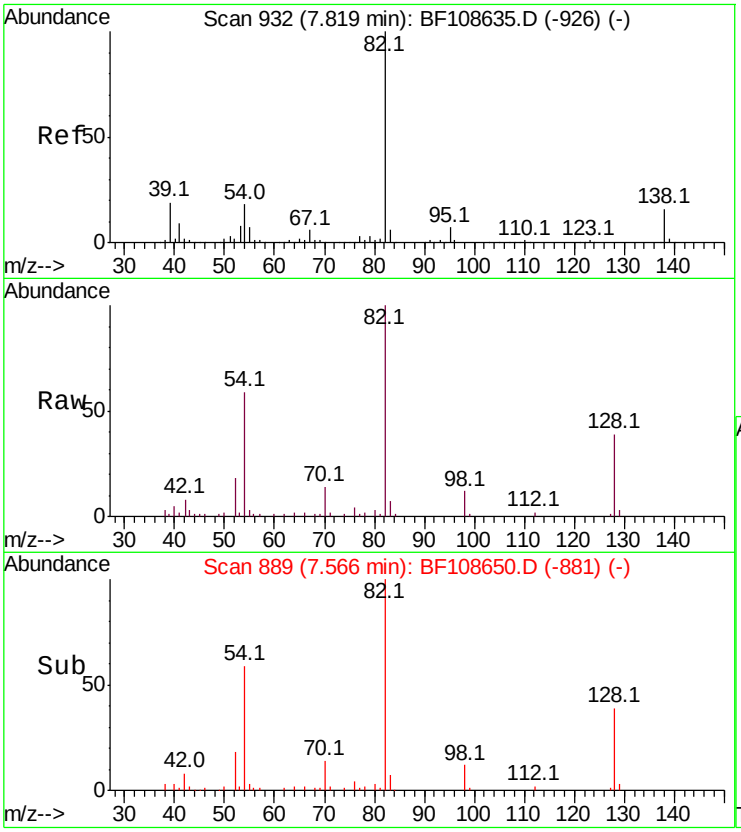




#23
Nitrobenzene-d5
Concen: 26.497 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion: 82 Resp: 191779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 36.1 | 54.1 |
| 54 | 58.7 | 41.4 | 62.2 |



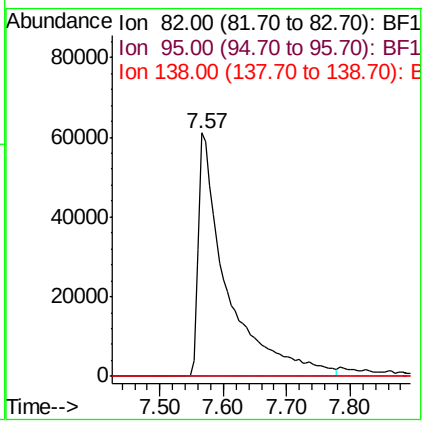


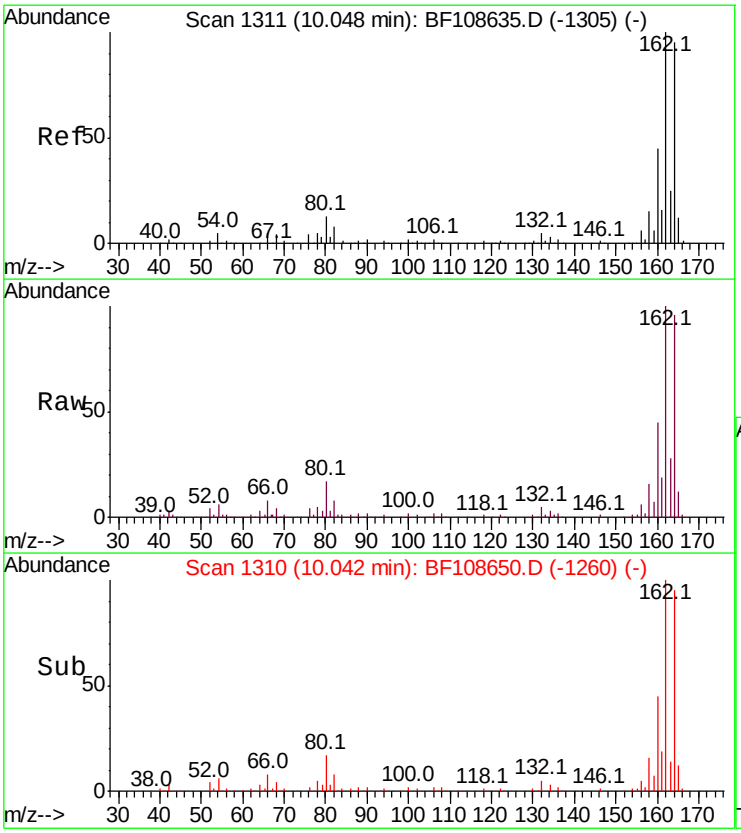

#25
Isophorone
Concen: 15.951 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion: 82 Resp: 191779

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

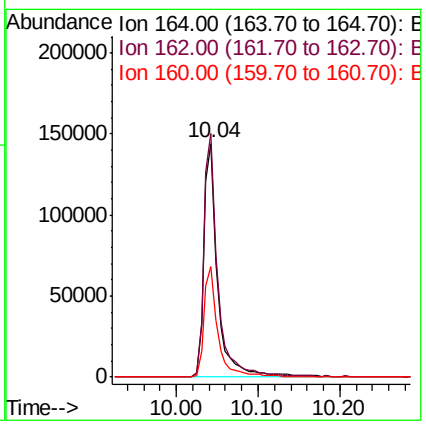


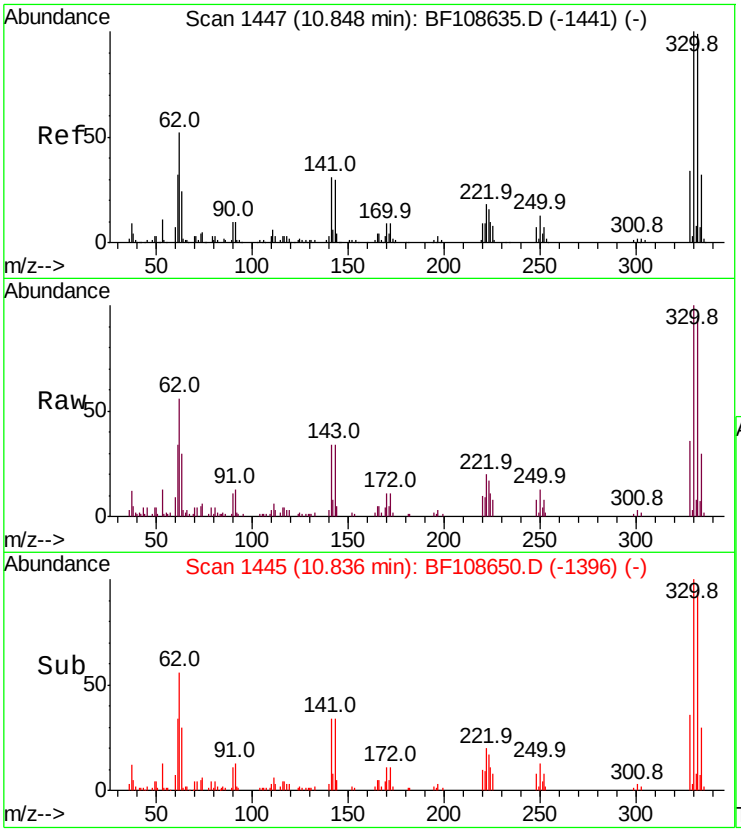




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:164 Resp: 168887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 86.1 | 129.1 |
| 160 | 47.0 | 38.3 | 57.5 |



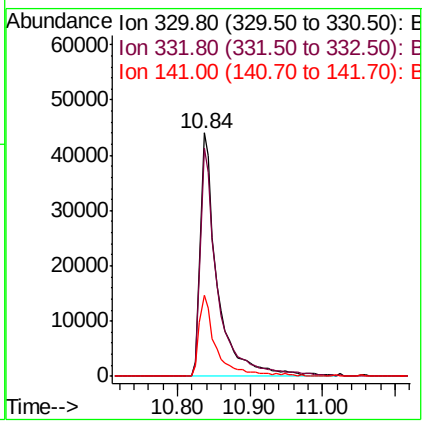


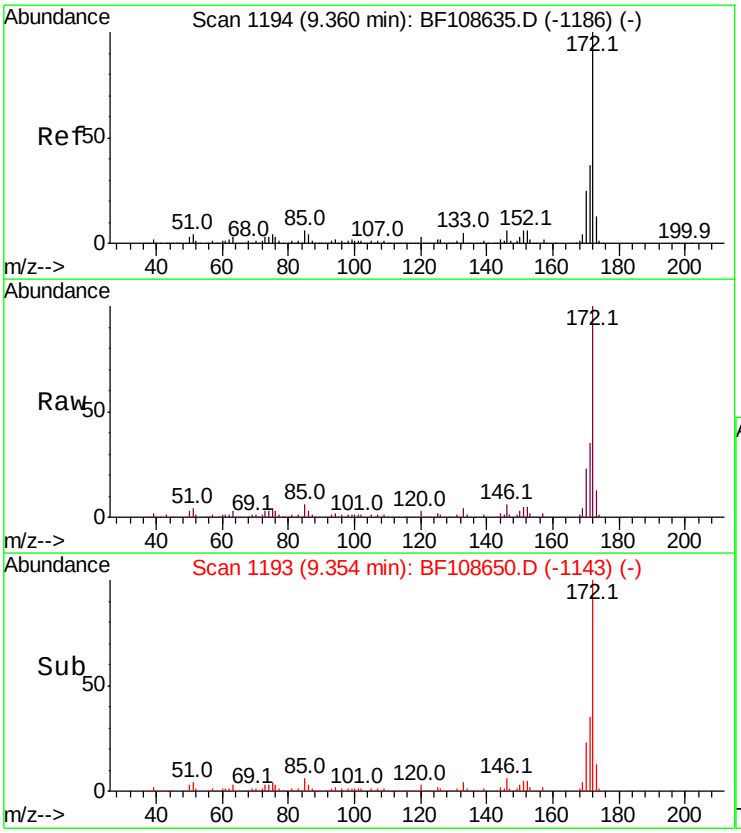

#41
2,4,6-Tribromophenol
Concen: 32.614 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:330 Resp: 72714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.0 | 115.6 |
| 141 | 33.7 | 29.9 | 44.9 |

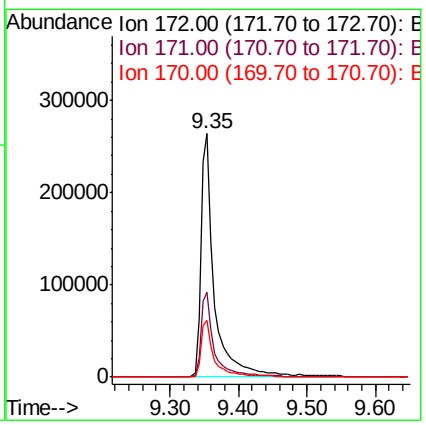


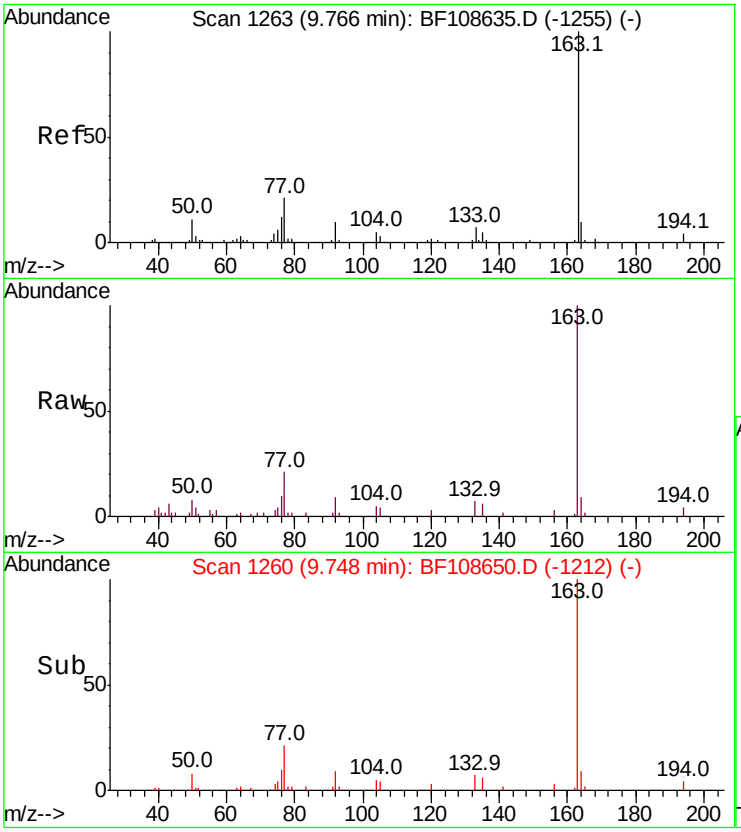




#44
2-Fluorobiphenyl
Concen: 29.258 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:172 Resp: 367500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.7 | 44.5 |
| 170 | 23.2 | 19.6 | 29.4 |



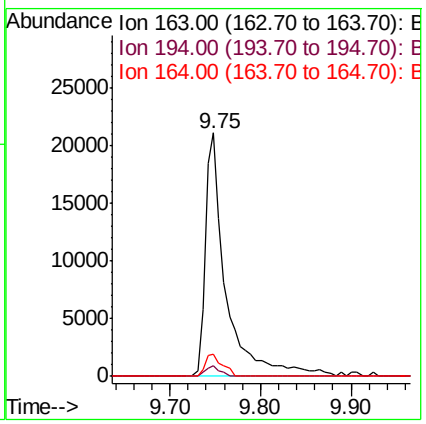


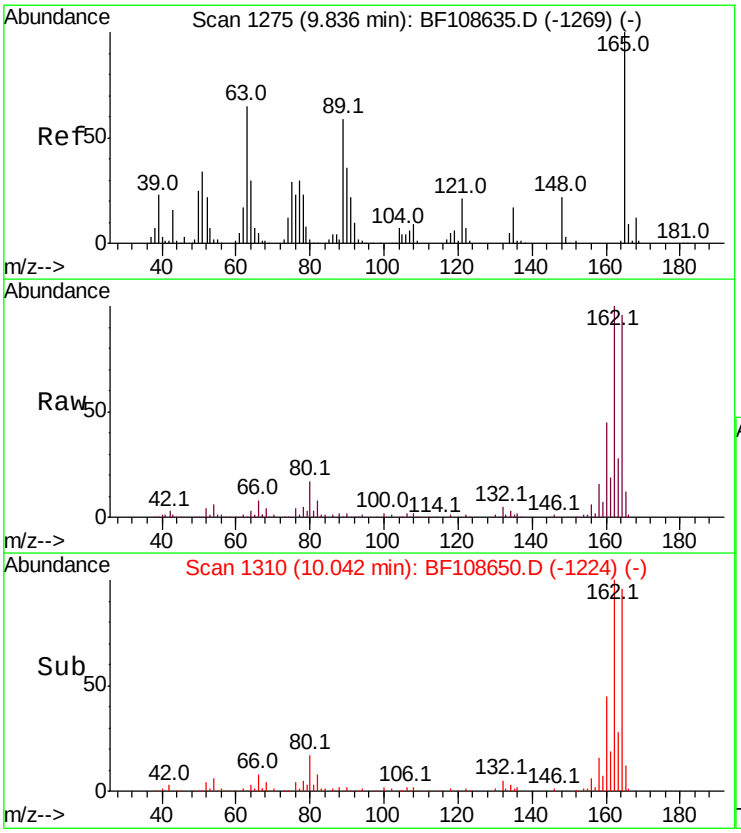

#49
Dimethylphthalate
Concen: 2.524 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:163 Resp: 33569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 2.7 | 4.1# |
| 164 | 9.2 | 8.2 | 12.2 |

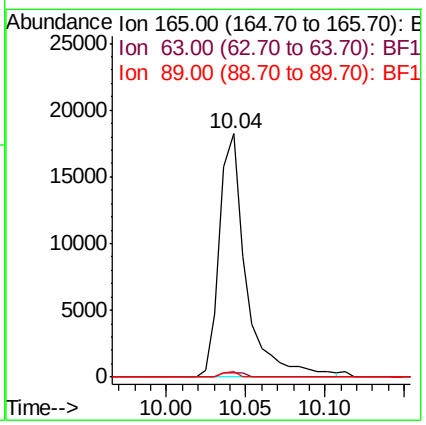


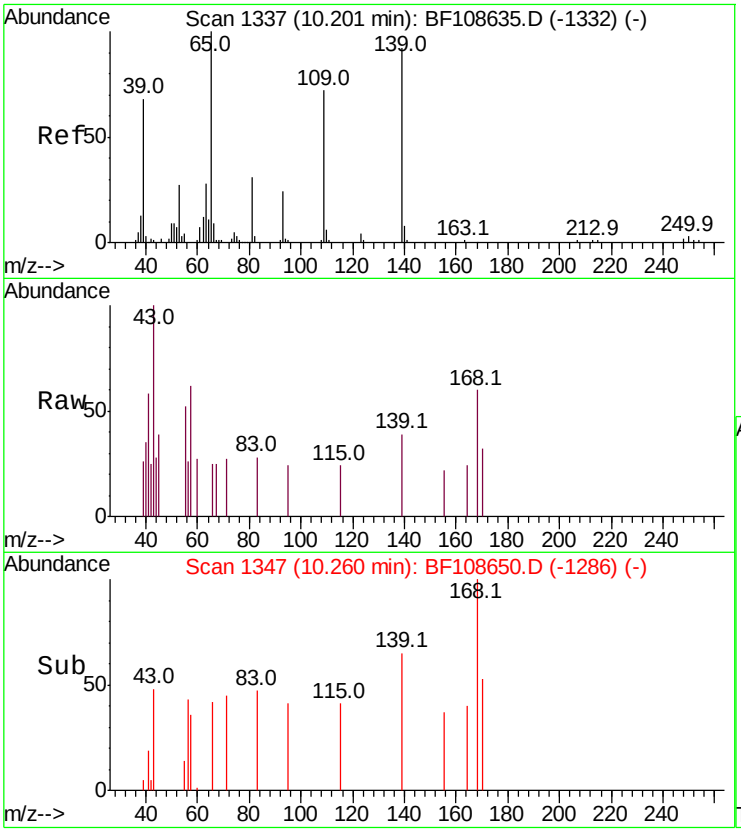




#50
2,6-Dinitrotoluene
Concen: 7.280 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:165 Resp: 21342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 44.7 | 67.1# |
| 89 | 2.1 | 44.0 | 66.0# |



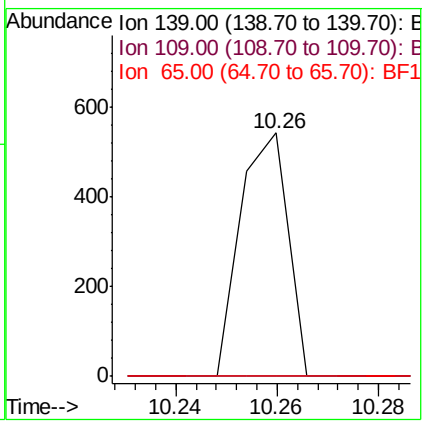


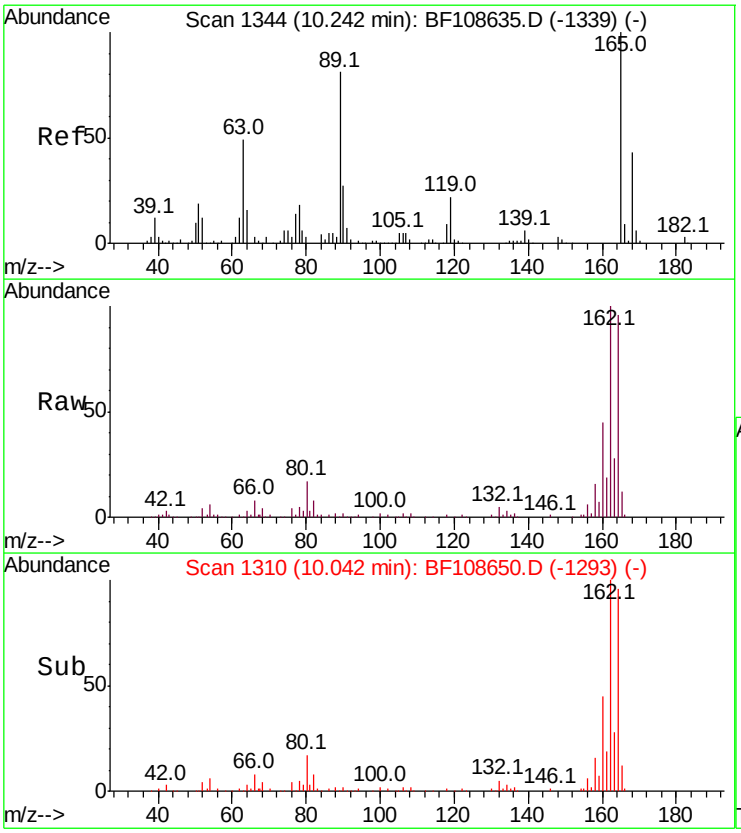

#55
4-Nitrophenol
Concen: 4.924 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:139 Resp: 354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 48.4 | 88.4# |
| 65 | 0.0 | 72.6 | 112.6# |

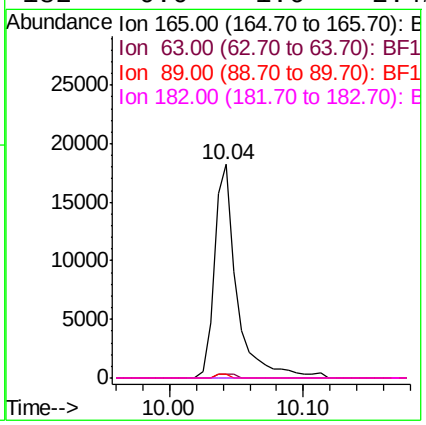


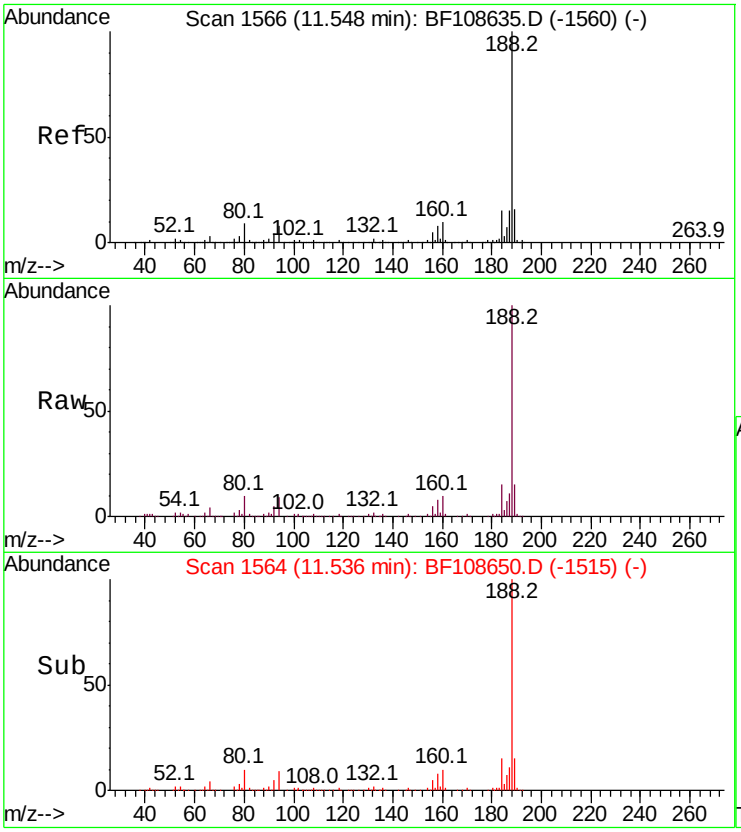




#56
2,4-Dinitrotoluene
Concen: 5.535 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:165 Resp: 21483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 36.4 | 54.6# |
| 89 | 2.1 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



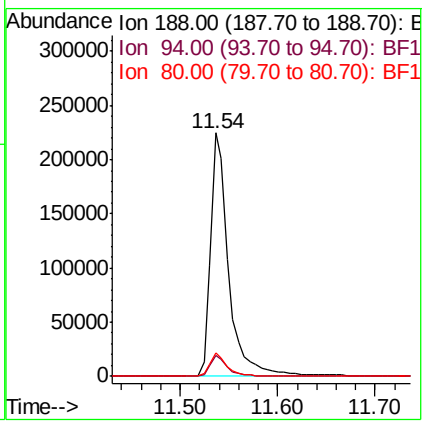


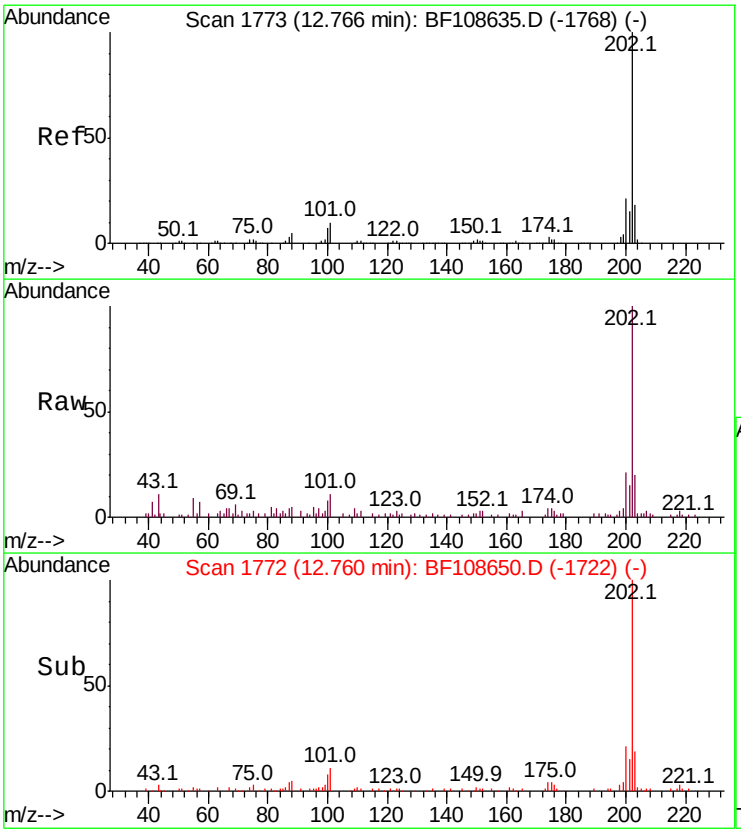

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:188 Resp: 288995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 8.5 | 12.7 |
| 80 | 9.7 | 9.2 | 13.8 |

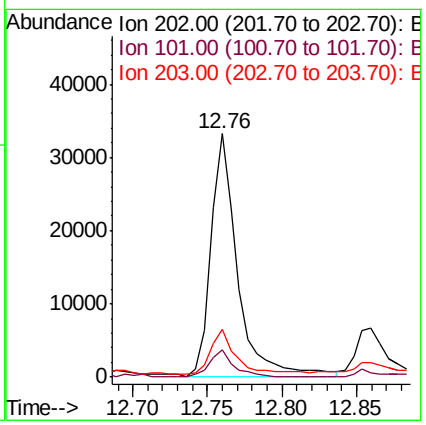


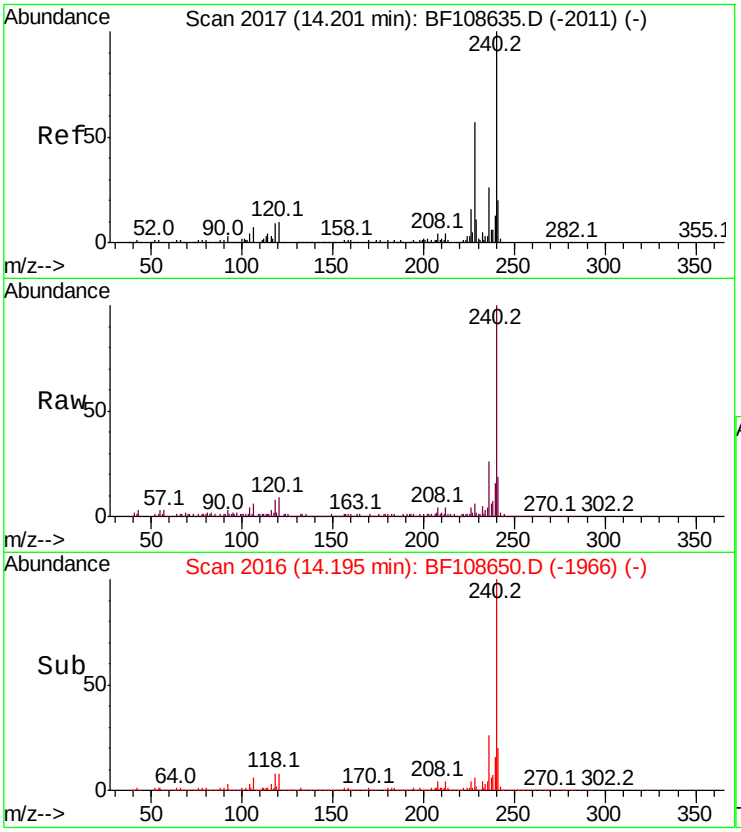




#74
Fluoranthene
Concen: 2.537 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:202 Resp: 41656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 0.0 | 34.1 |
| 203 | 19.7 | 0.0 | 38.1 |



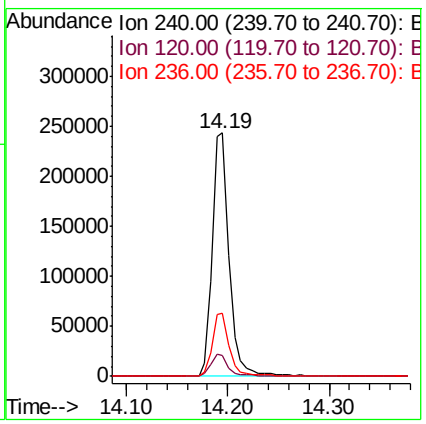


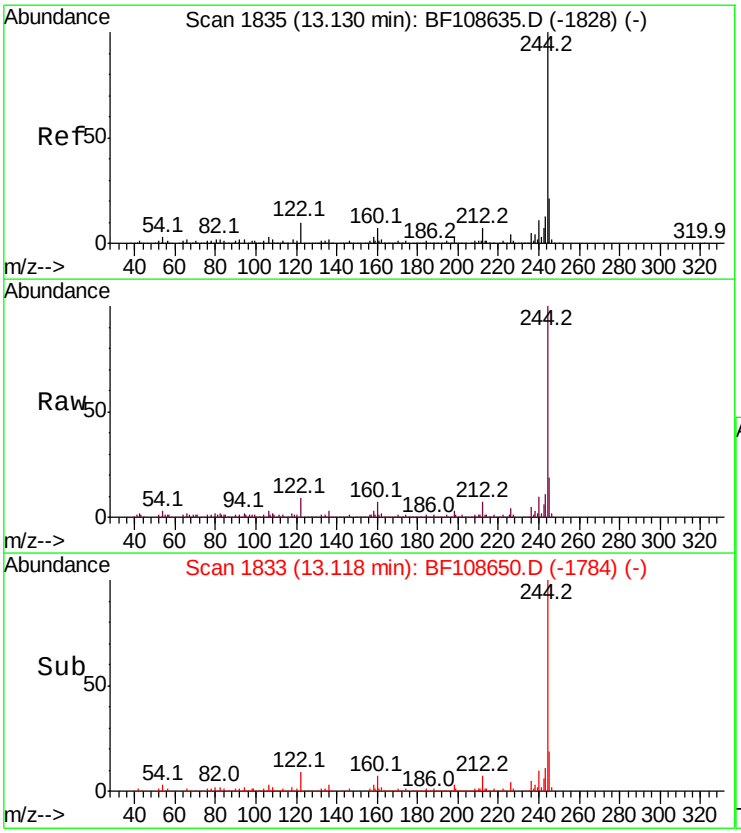

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:240 Resp: 283112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 9.5 | 14.3# |
| 236 | 26.0 | 20.7 | 31.1 |

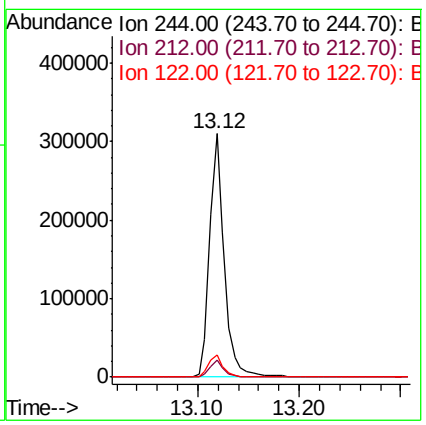


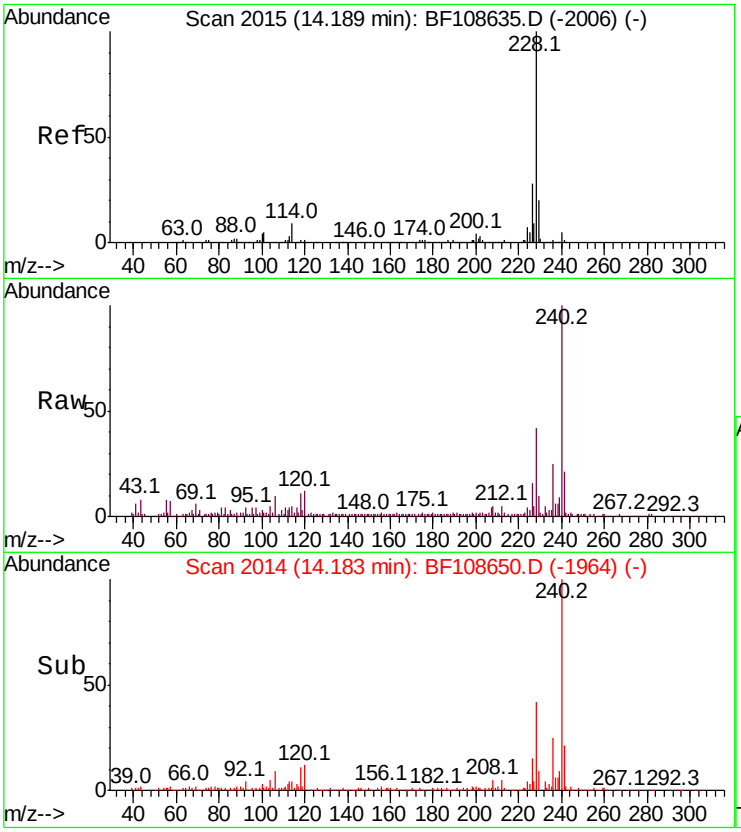




#78
Terphenyl-d14
Concen: 21.409 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:244 Resp: 311962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 9.0 | 11.0 | 16.4# |



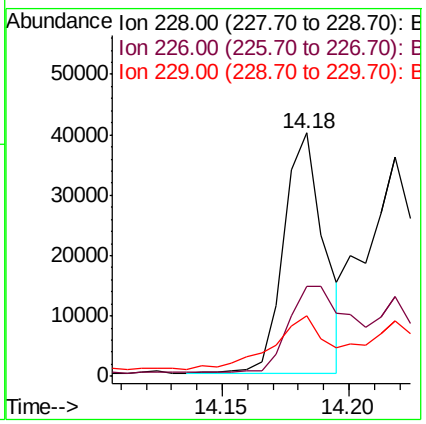


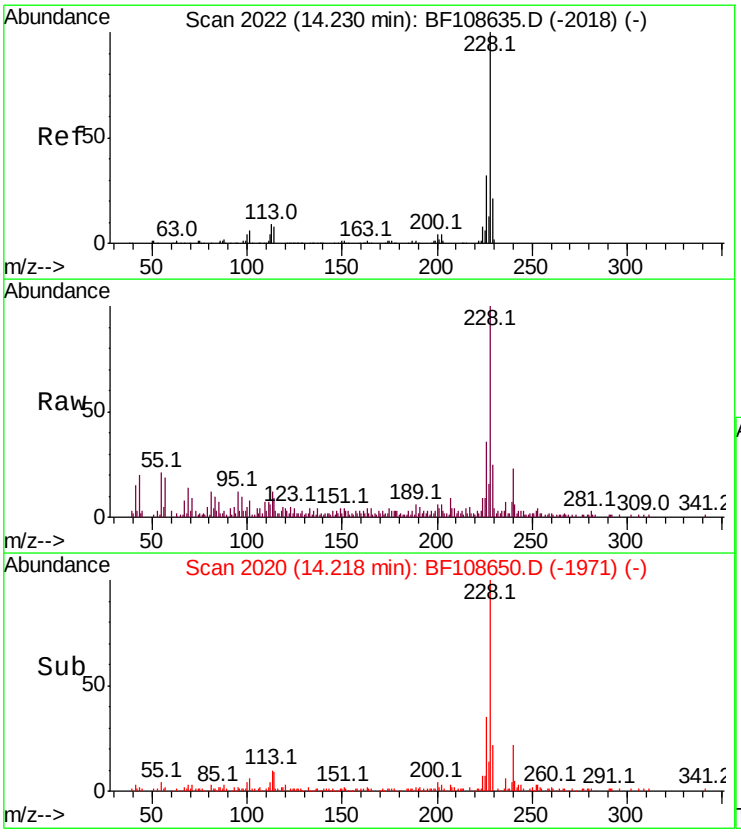

#80
Benzo(a)anthracene
Concen: 2.562 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:228 Resp: 44213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 37.2 | 22.6 | 33.8# |
| 229 | 24.7 | 15.8 | 23.6# |

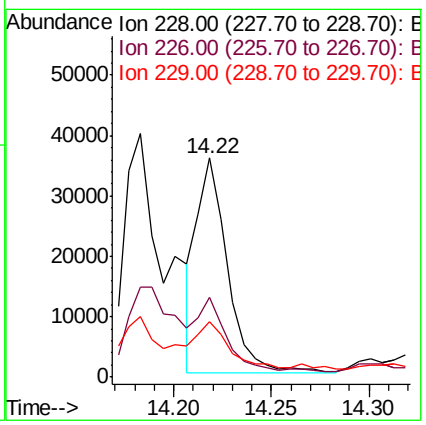


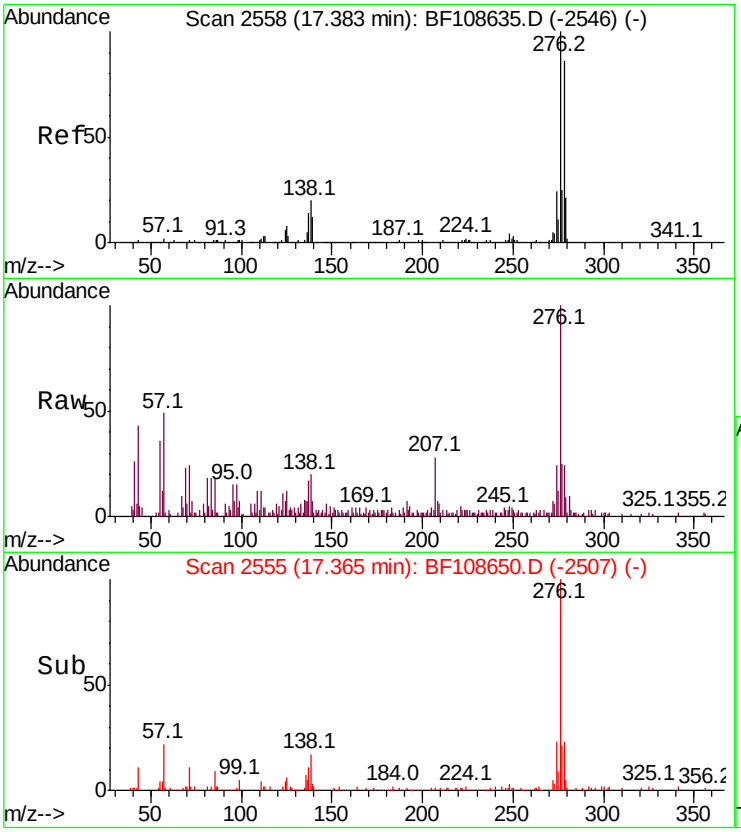




#82
Chrysene
Concen: 2.337 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:228 Resp: 38797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 36.5 | 25.0 | 37.6 |
| 229 | 25.1 | 16.2 | 24.4# |



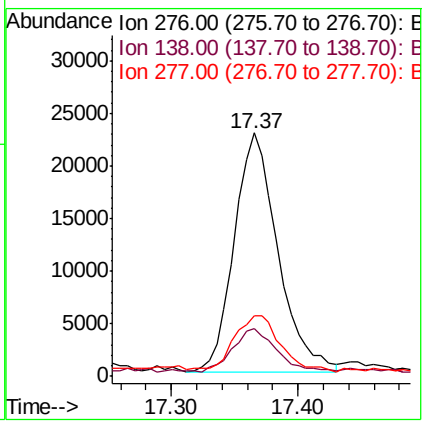


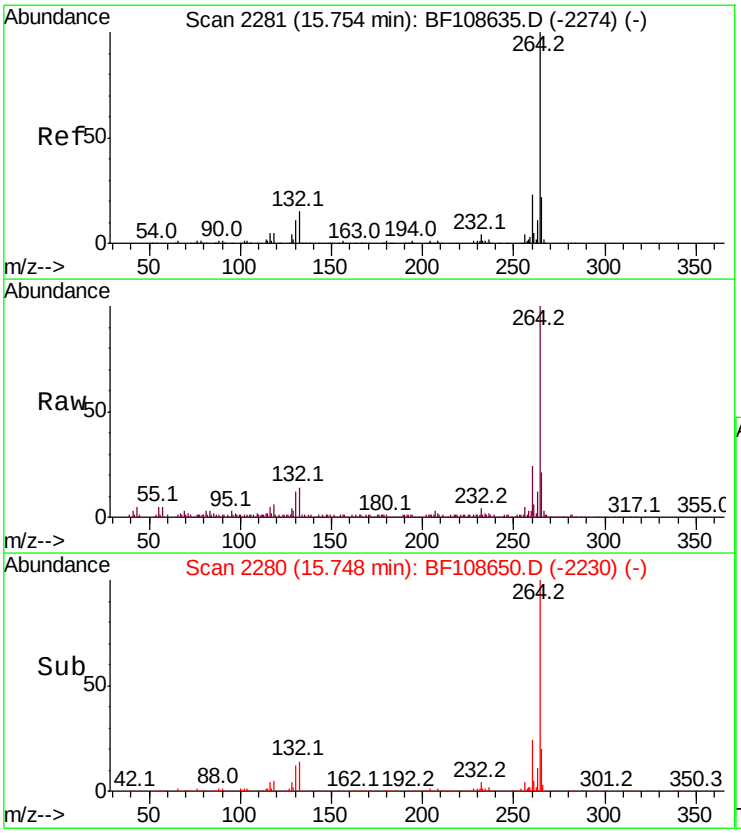

#85
Indeno(1,2,3-cd)pyrene
Concen: 4.687 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:276 Resp: 54088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 25.0 | 37.6# |
| 277 | 24.7 | 20.1 | 30.1 |

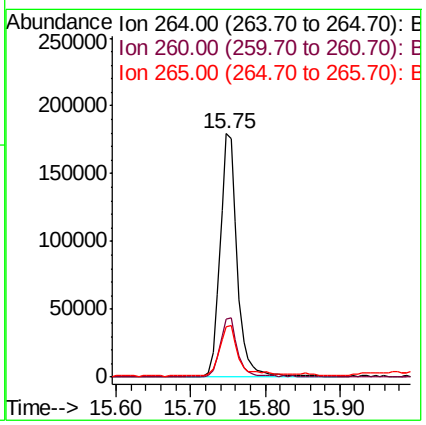


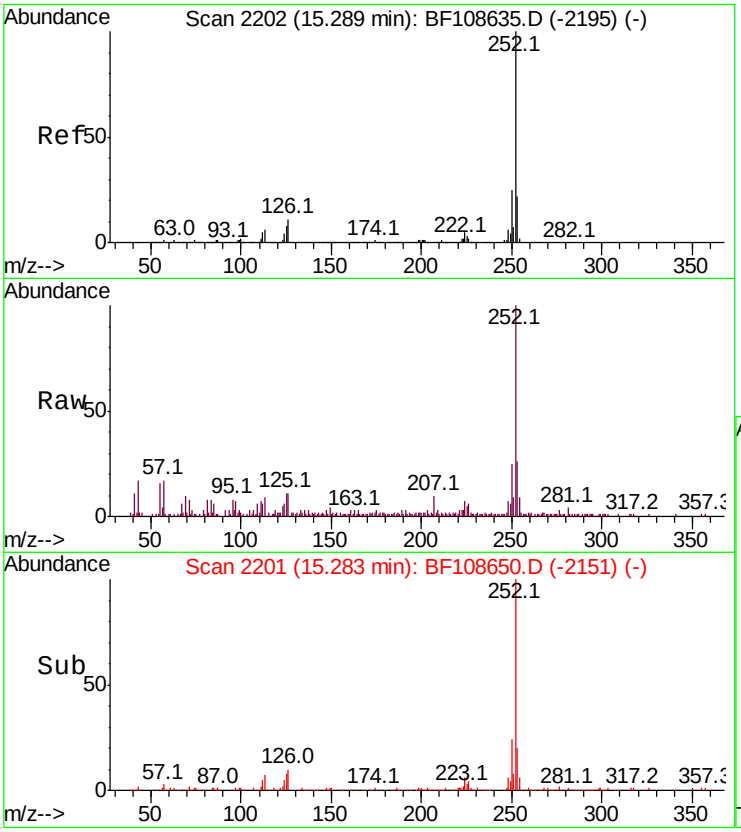




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:264 Resp: 282751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.2 | 28.8 |
| 265 | 20.5 | 17.5 | 26.3 |



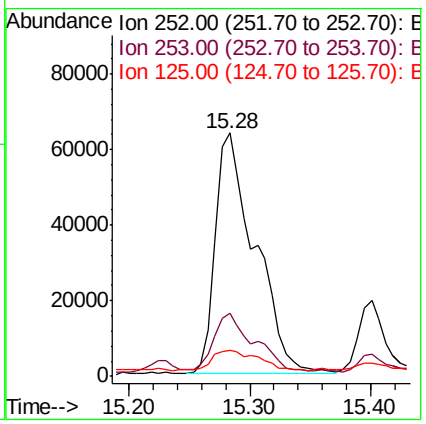


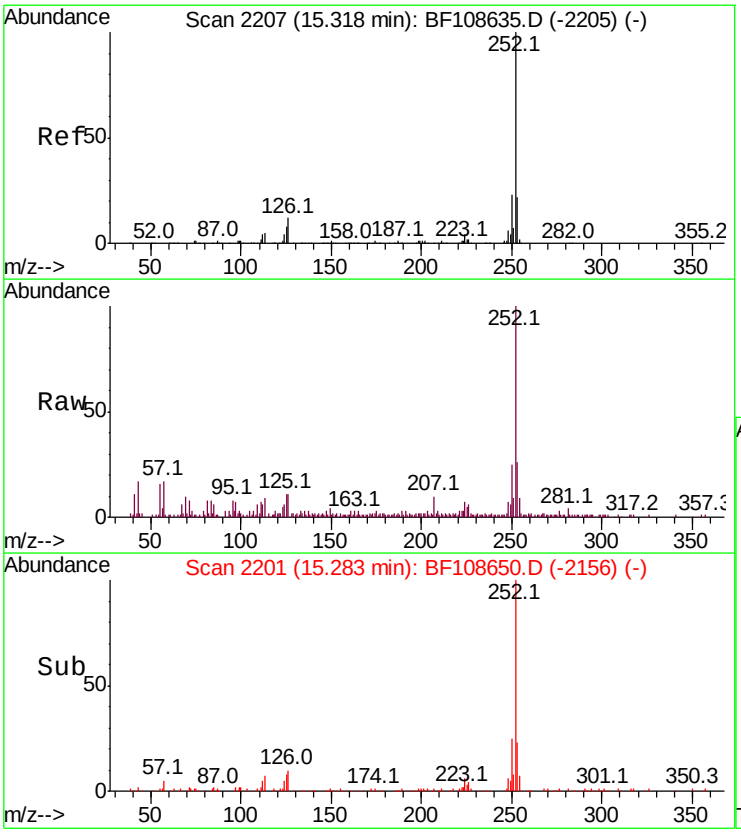

#87
Benzo(b)fluoranthene
Concen: 8.299 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:252 Resp: 144150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.1 | 17.0 | 25.6# |
| 125 | 10.8 | 9.0 | 13.6 |

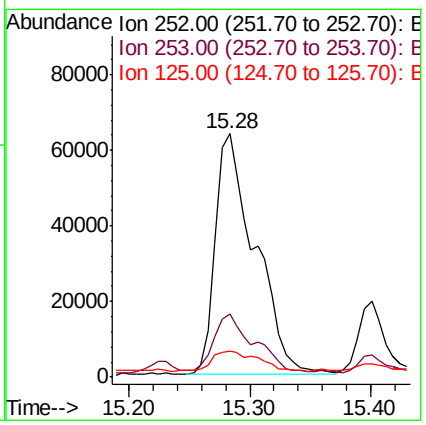


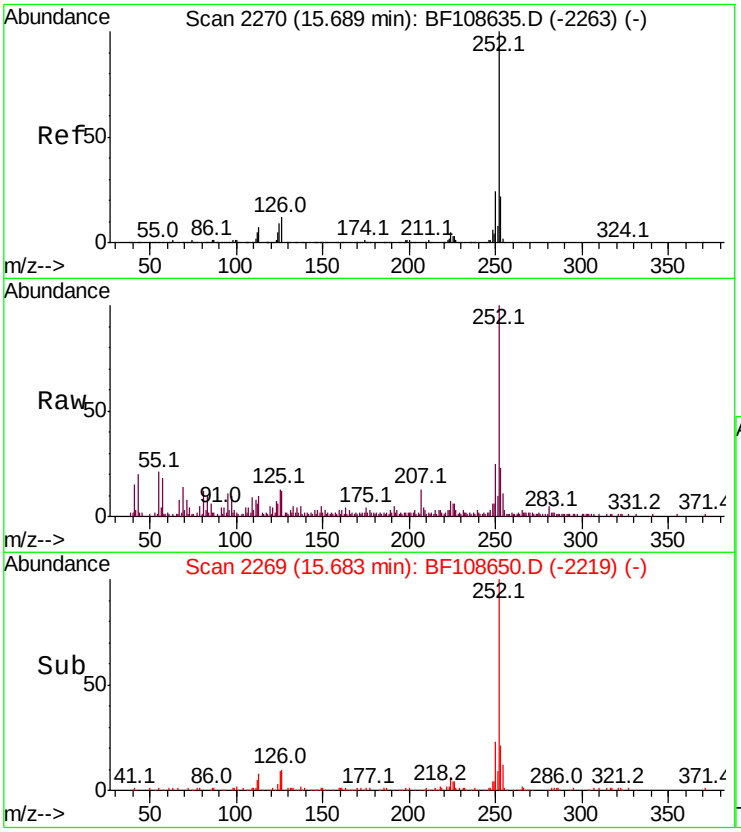




#88
Benzo(k)fluoranthene
Concen: 8.378 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:252 Resp: 144150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.1 | 17.9 | 26.9 |
| 125 | 10.8 | 10.2 | 15.2 |



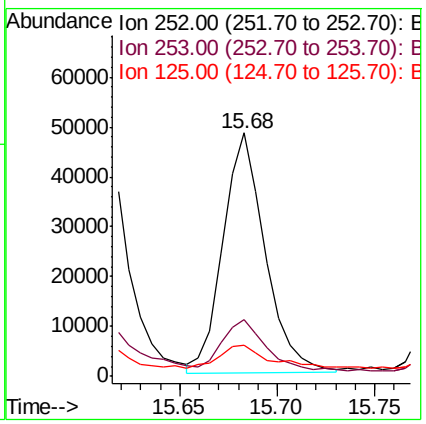


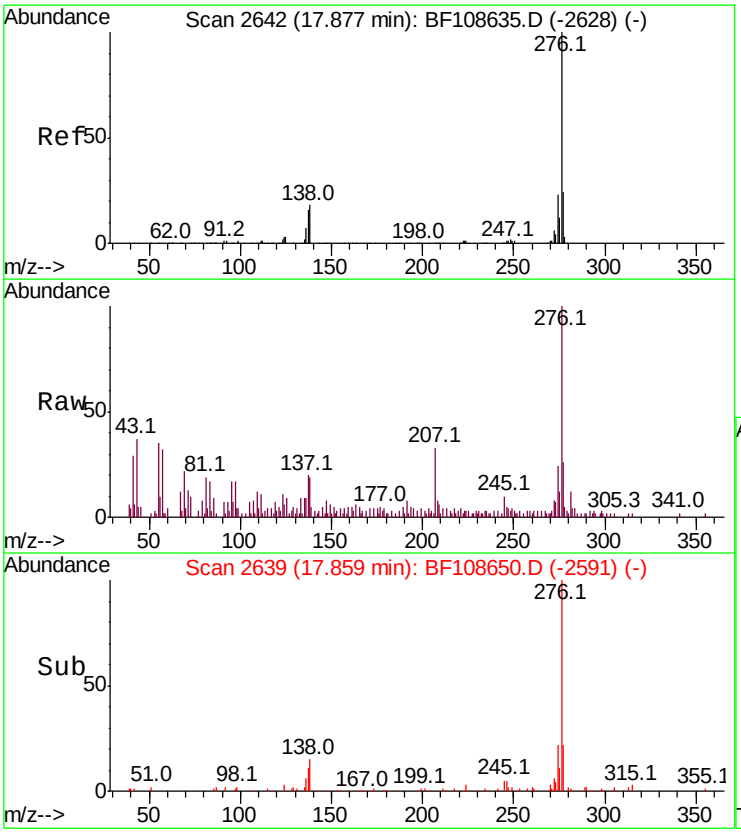

#89
Benzo(a)pyrene
Concen: 4.593 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

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

Tgt Ion:252 Resp: 72100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.1 | 25.7 |
| 125 | 13.1 | 9.8 | 14.6 |




#91
Benzo(g,h,i)perylene
Concen: 3.916 ng
RT: 17.86 min Scan# 2639
Delta R.T. -0.02 min
Lab File: BF108650.D
Acq: 30 Aug 2018 19:50

Tgt Ion:276 Resp: 47708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.6 | 17.9 | 26.9 |
| 138 | 19.2 | 21.8 | 32.8# |