Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112802.D
Acq On : 1 Mar 2019 16:21
Operator : JU/SJ
Sample : K1669-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-GF-02-031-B

Quant Time: Mar 01 21:57:49 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 | 188011 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 674350 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.77 | 164 | 261263 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.25 | 188 | 426713 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.87 | 240 | 456590 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.29 | 264 | 417195 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 598225 | 49.50 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 772604 | 50.89 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 443901 | 39.39 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 151210 | 54.52 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.10 | 172 | 736286 | 40.56 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.83 | 244 | 618251 | 26.25 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 58503 | 6.084 | ng | # | 77 |
| 25) Isophorone | 7.30 | 82 | 438354 | 18.055 | ng | # | 66 |
| 50) Dimethylphthalate | 9.49 | 163 | 43555 | 2.261 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.77 | 165 | 34532 | 8.608 | ng | # | 18 |
| 57) 2,4-Dinitrotoluene | 9.77 | 165 | 34533 | 6.925 | ng | # | 18 |
| 75) Fluoranthene | 12.45 | 202 | 51985 | 2.285 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 14.89 | 252 | 62179 | 2.304 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 14.89 | 252 | 62179 | 2.544 | ng | # | 93 |

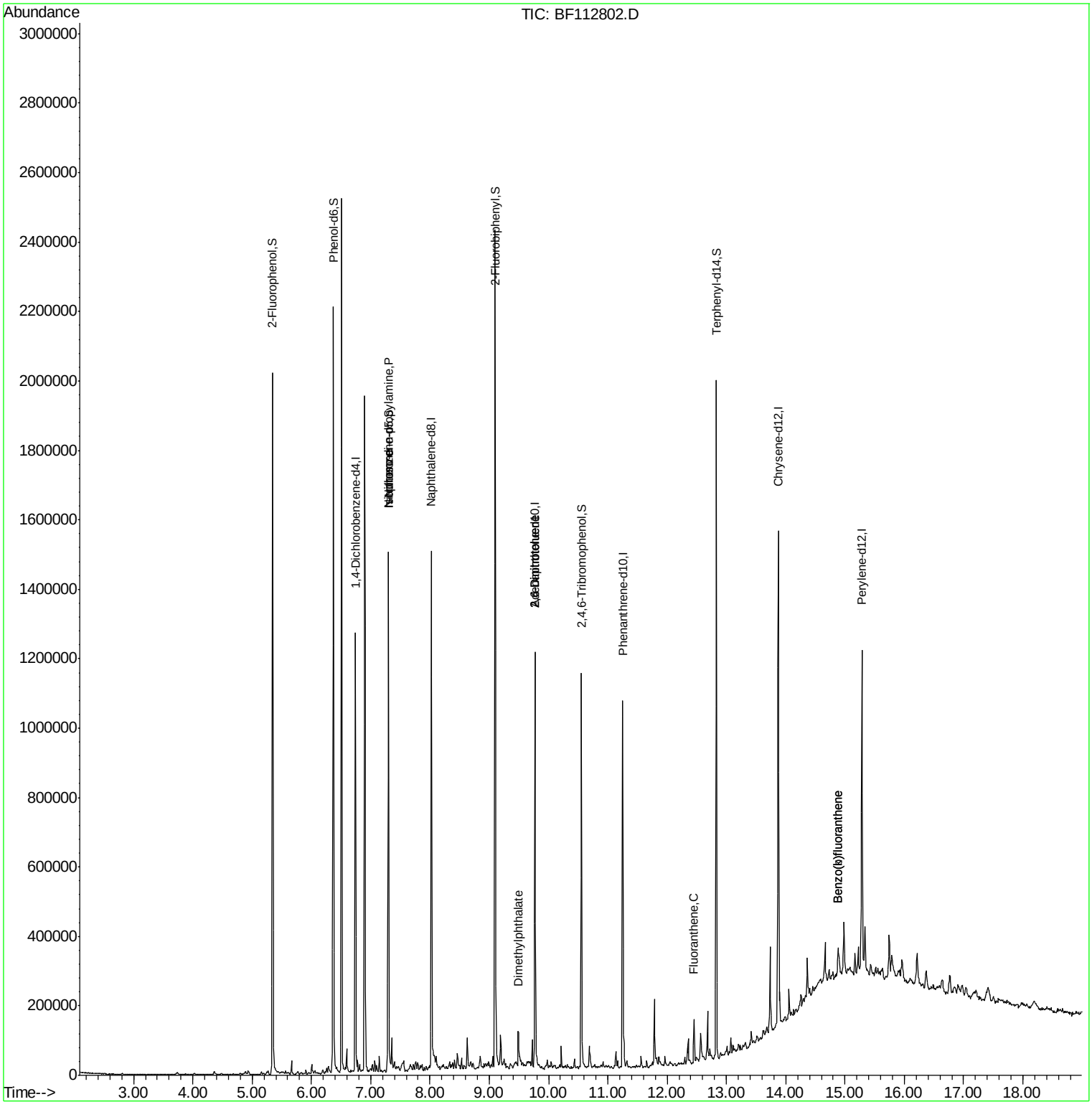
(#) = qualifier out of range (m) = manual integration (+) = signals summed

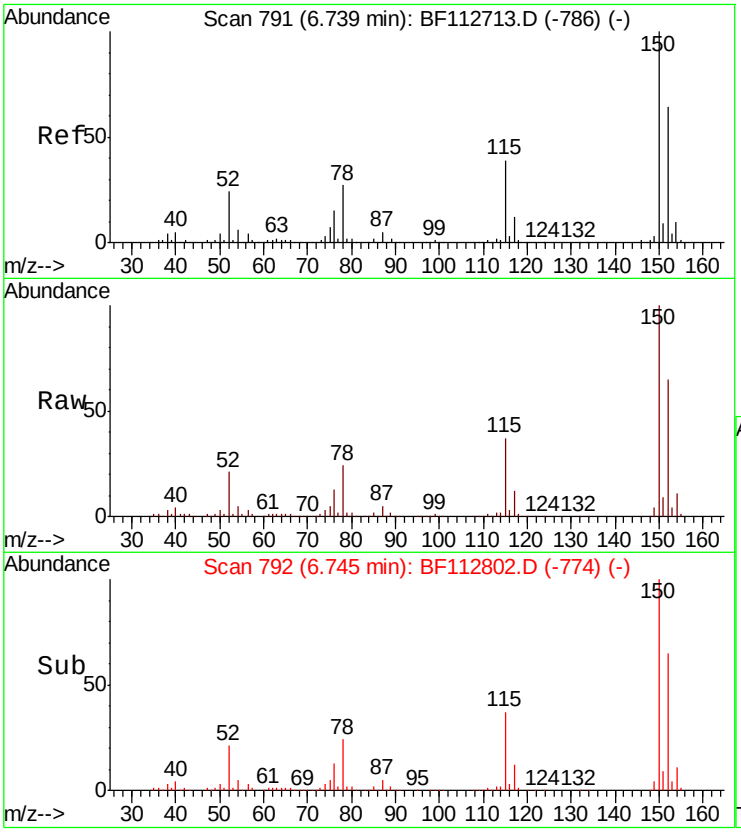
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112802.D
Acq On : 1 Mar 2019 16:21
Operator : JU/SJ
Sample : K1669-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Quant Time: Mar 01 21:57:49 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



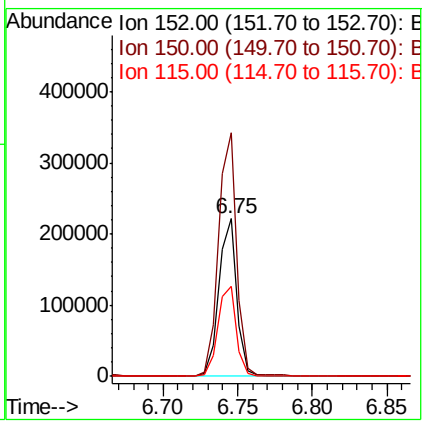


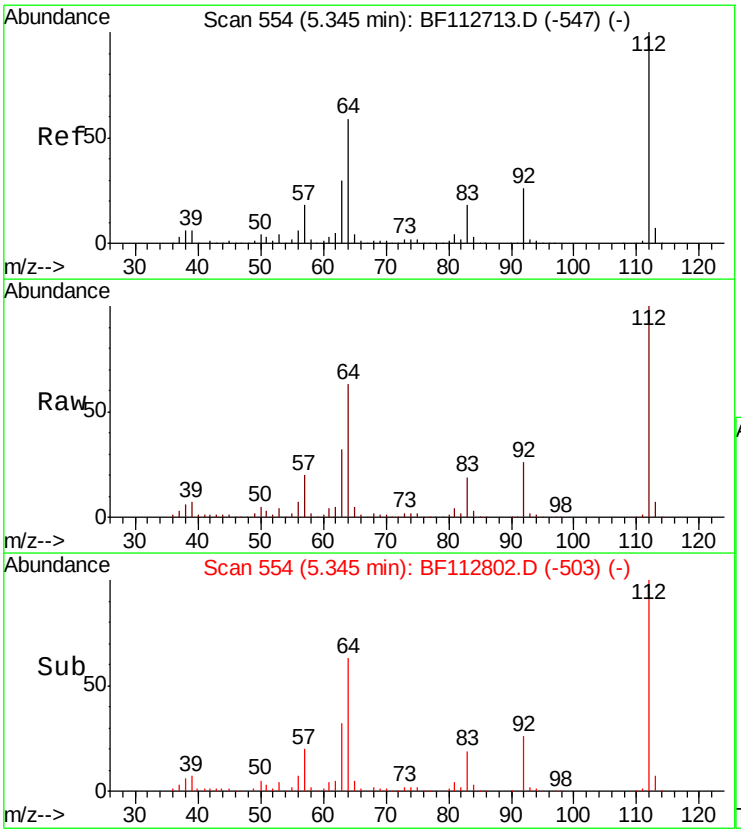

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:152 Resp: 188011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.8 | 124.2 | 186.2 |
| 115 | 57.5 | 48.2 | 72.4 |

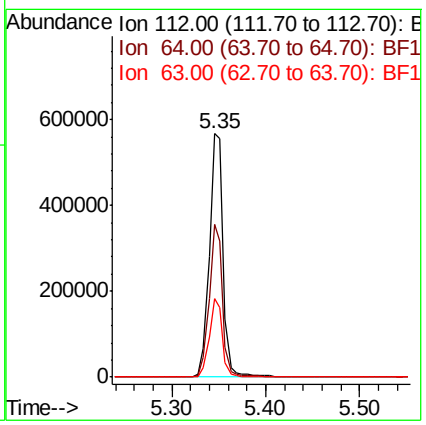


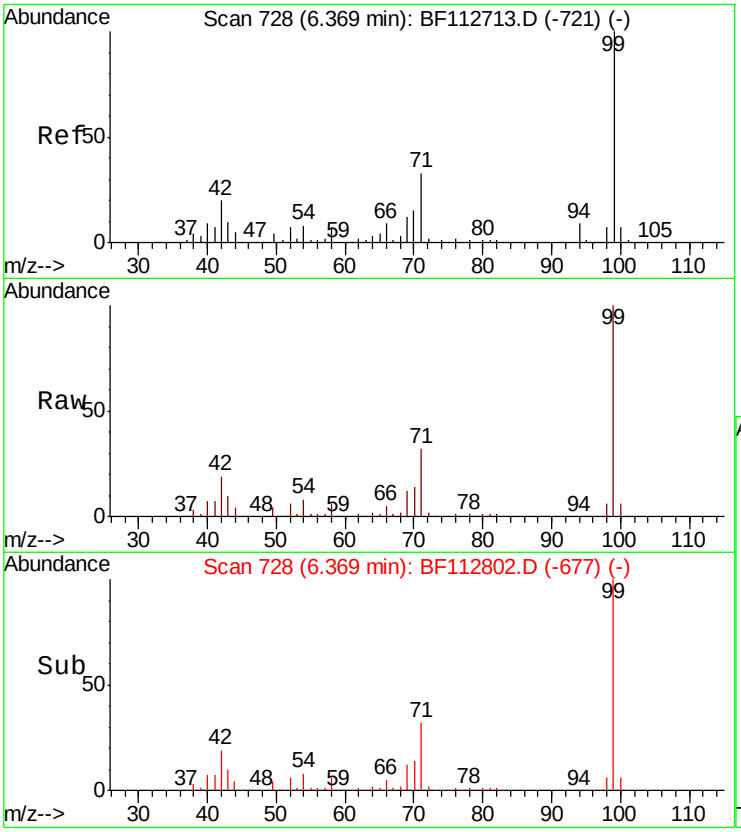




#5
2-Fluorophenol
Concen: 49.495 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:112 Resp: 598225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.8 | 47.6 | 71.4 |
| 63 | 32.3 | 24.4 | 36.6 |



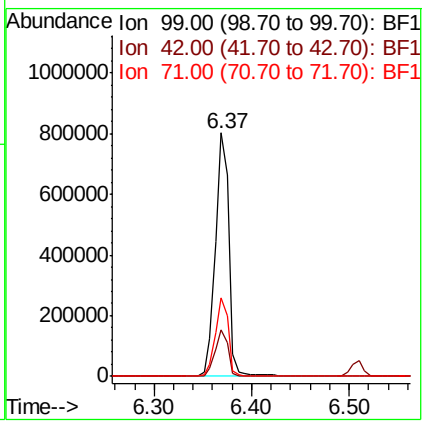


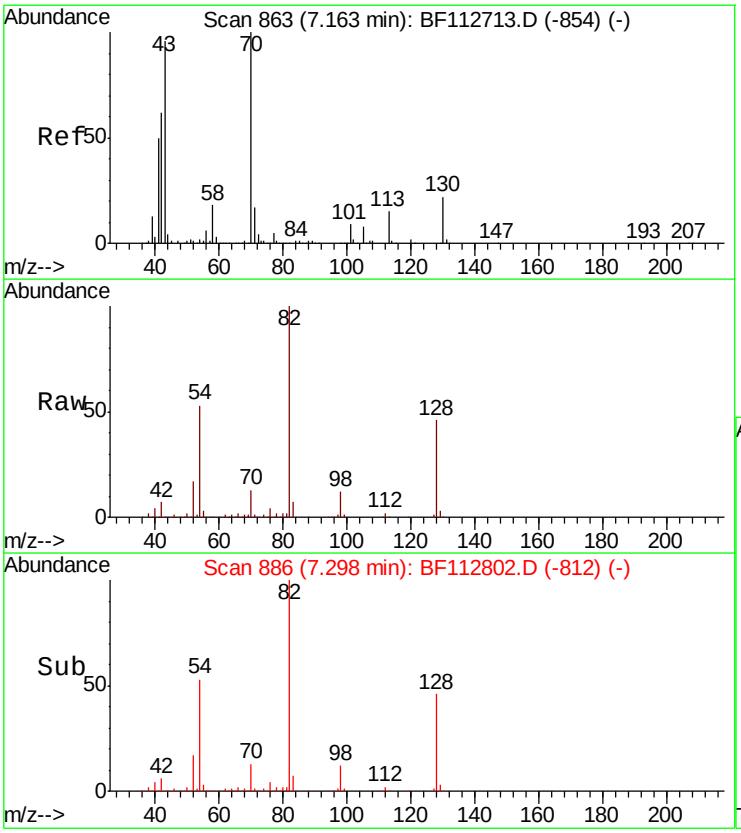

#7
Phenol-d6
Concen: 50.887 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion: 99 Resp: 772604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.1 | 16.3 | 24.5 |
| 71 | 32.2 | 26.2 | 39.4 |

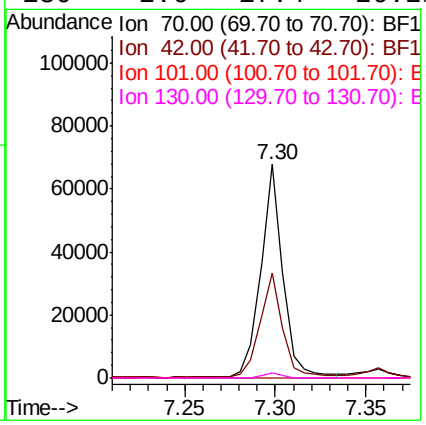


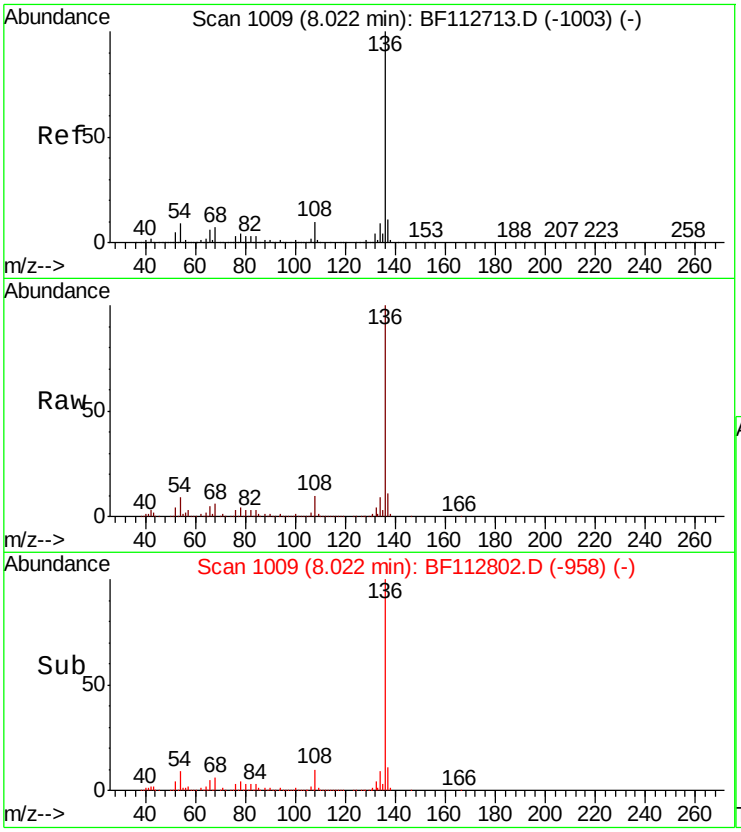




#19
n-Nitroso-di-n-propylamine
Concen: 6.084 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion: 70 Resp: 58503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.2 | 49.9 | 74.9# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.6 | 17.4 | 26.2# |



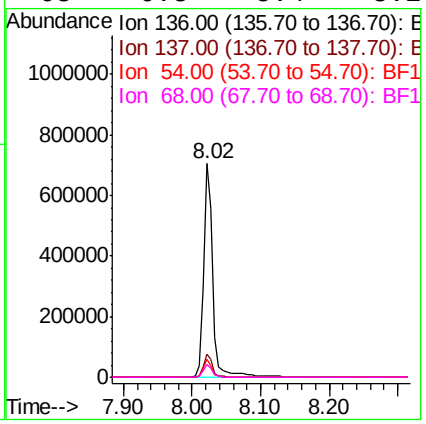


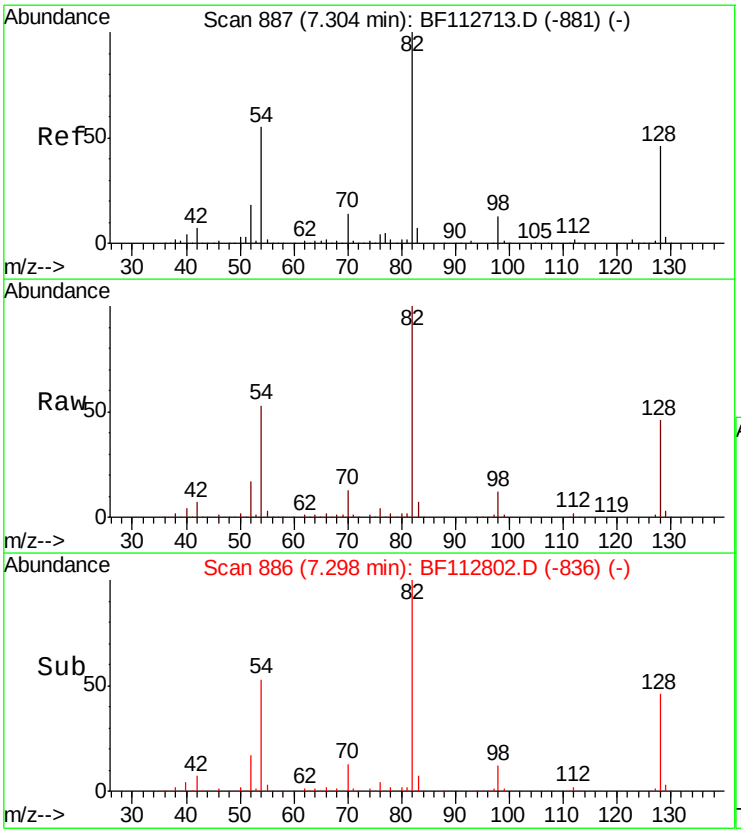

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:136 Resp: 674350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 8.5 | 7.3 | 10.9 |
| 68 | 6.3 | 5.4 | 8.2 |

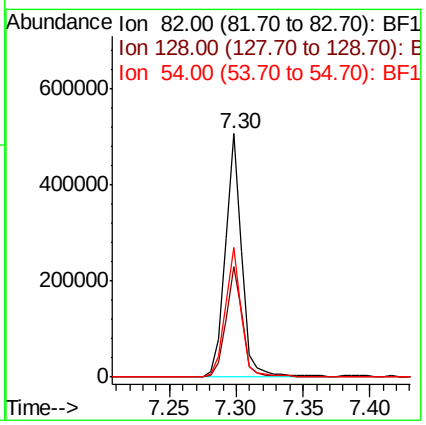


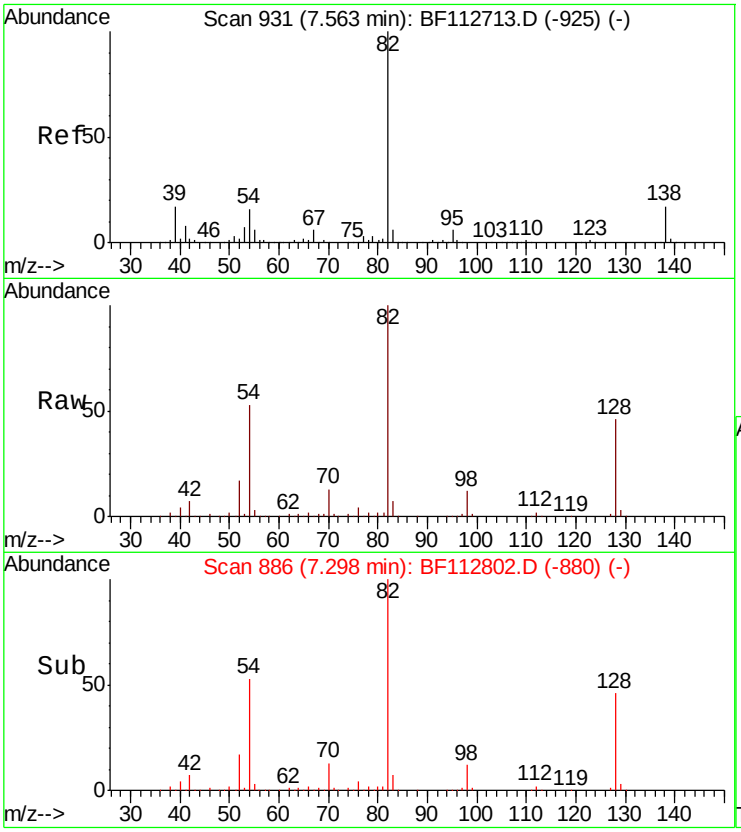




#23
Nitrobenzene-d5
Concen: 39.389 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion: 82 Resp: 443901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.6 | 36.3 | 54.5 |
| 54 | 53.5 | 43.7 | 65.5 |



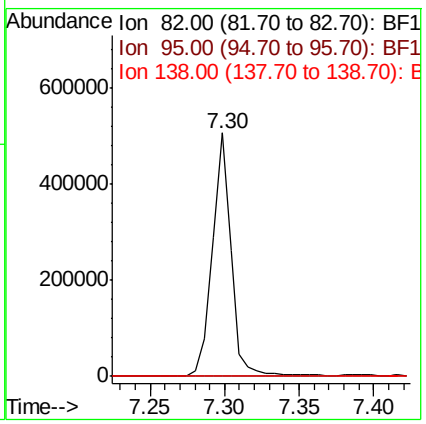


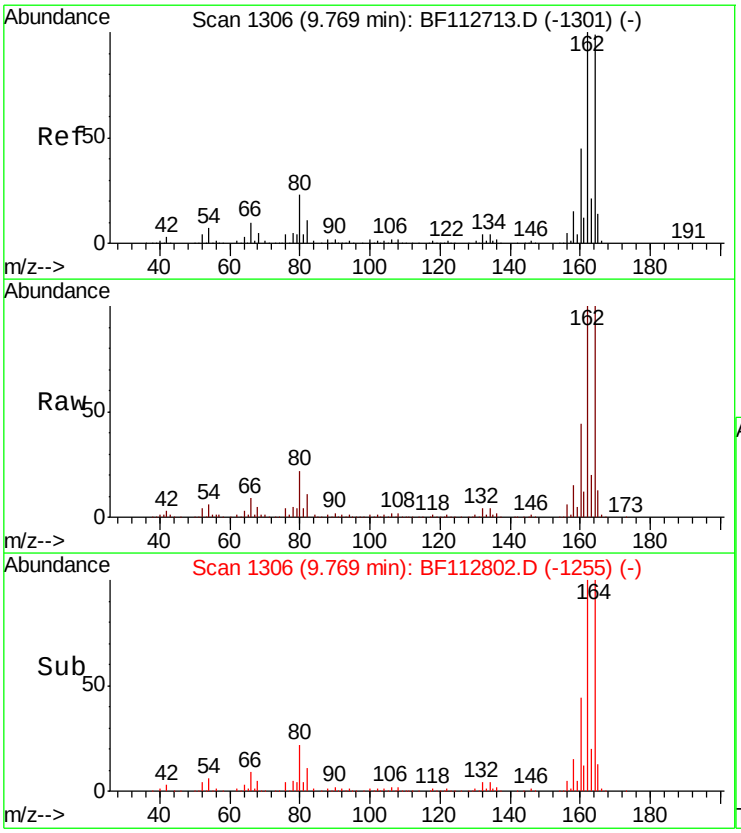

#25
Isophorone
Concen: 18.055 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion: 82 Resp: 438354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.1 | 5.2 | 7.8# |
| 138 | 0.0 | 13.8 | 20.8# |

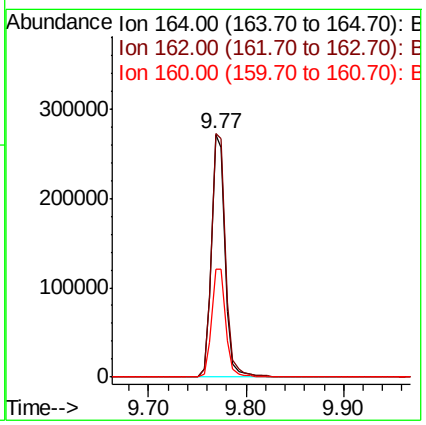


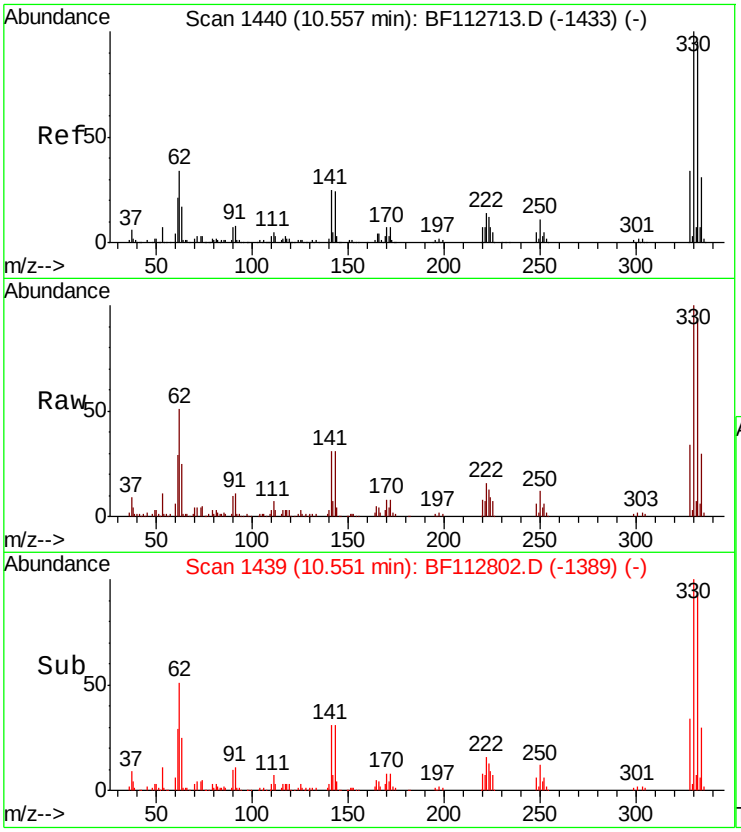




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:164 Resp: 261263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.6 | 120.8 |
| 160 | 44.7 | 36.0 | 54.0 |



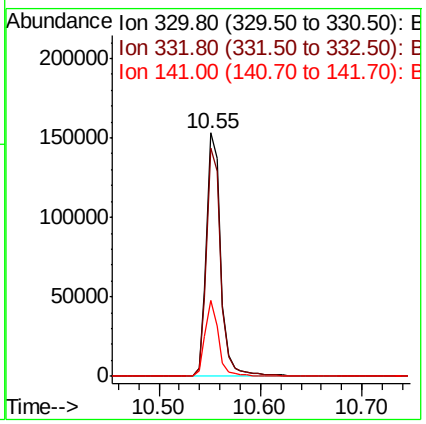


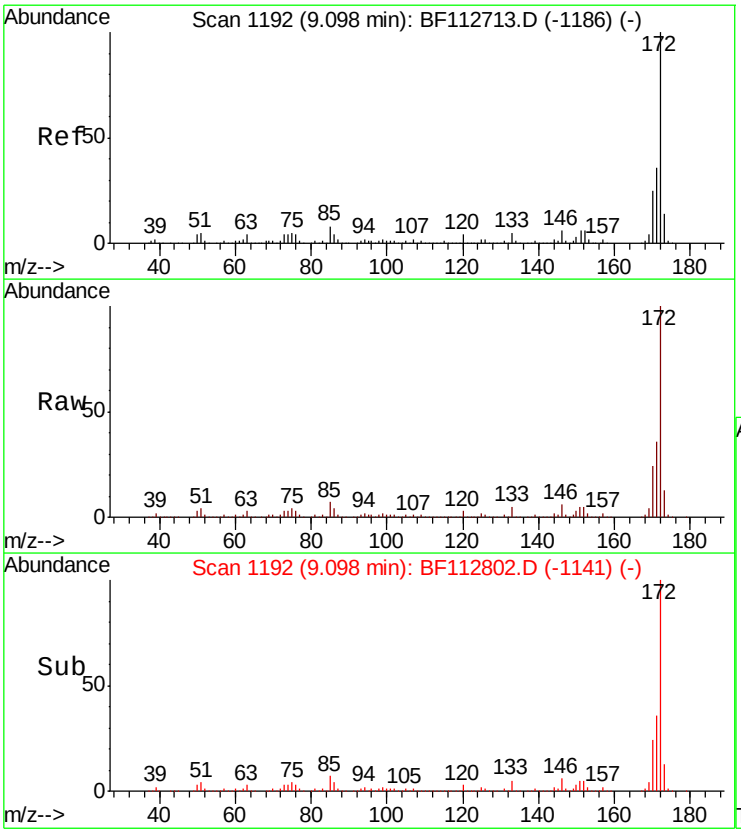

#42
2,4,6-Tribromophenol
Concen: 54.517 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:330 Resp: 151210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.0 | 76.2 | 114.4 |
| 141 | 29.5 | 27.0 | 40.6 |

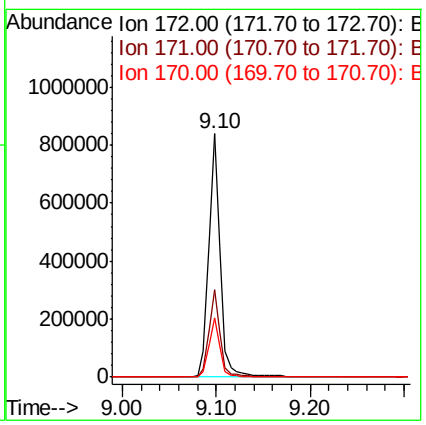


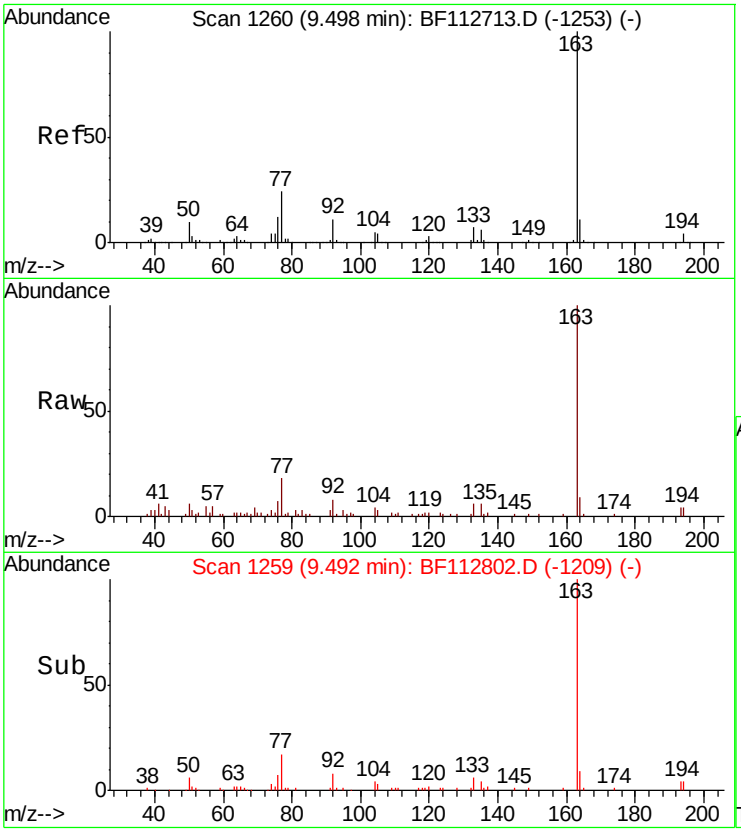




#45
2-Fluorobiphenyl
Concen: 40.557 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:172 Resp: 736286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.4 |
| 170 | 24.3 | 20.0 | 30.0 |



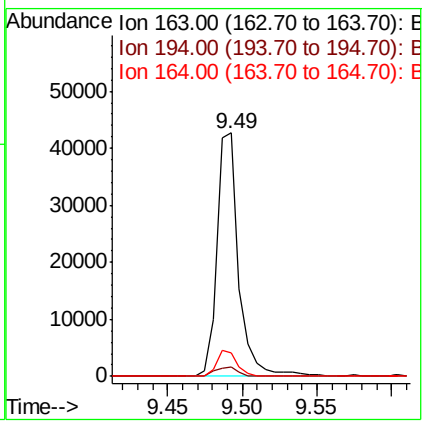


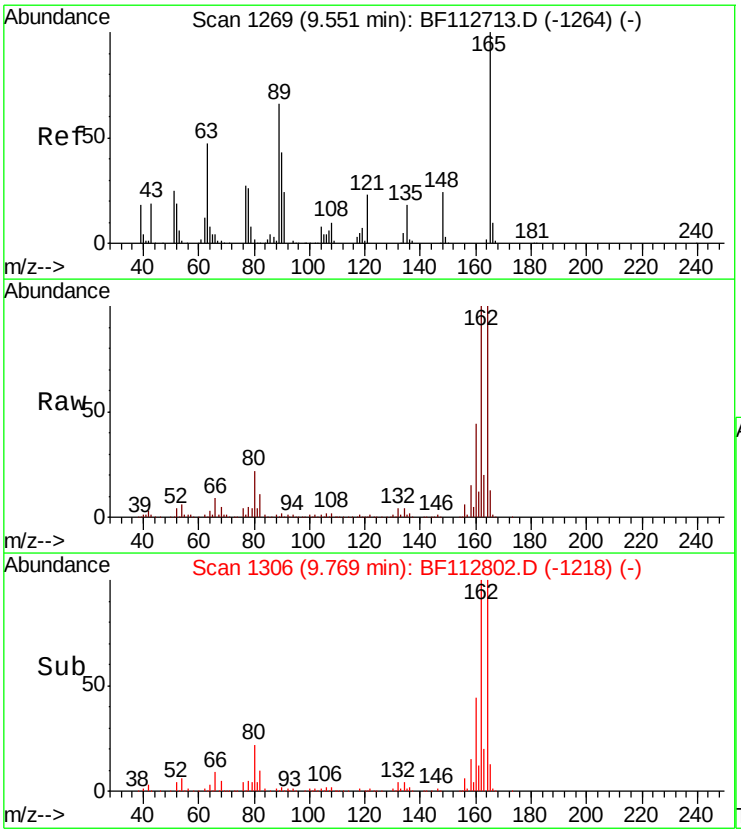

#50
Dimethylphthalate
Concen: 2.261 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:163 Resp: 43555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.4 |
| 164 | 9.4 | 8.4 | 12.6 |

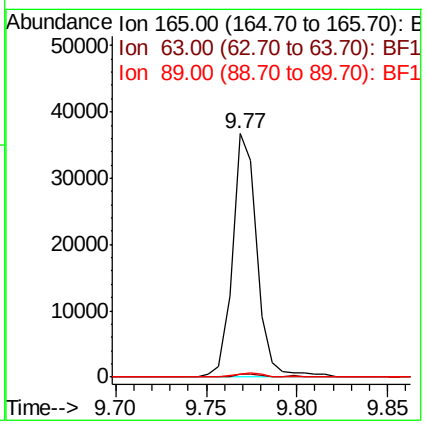


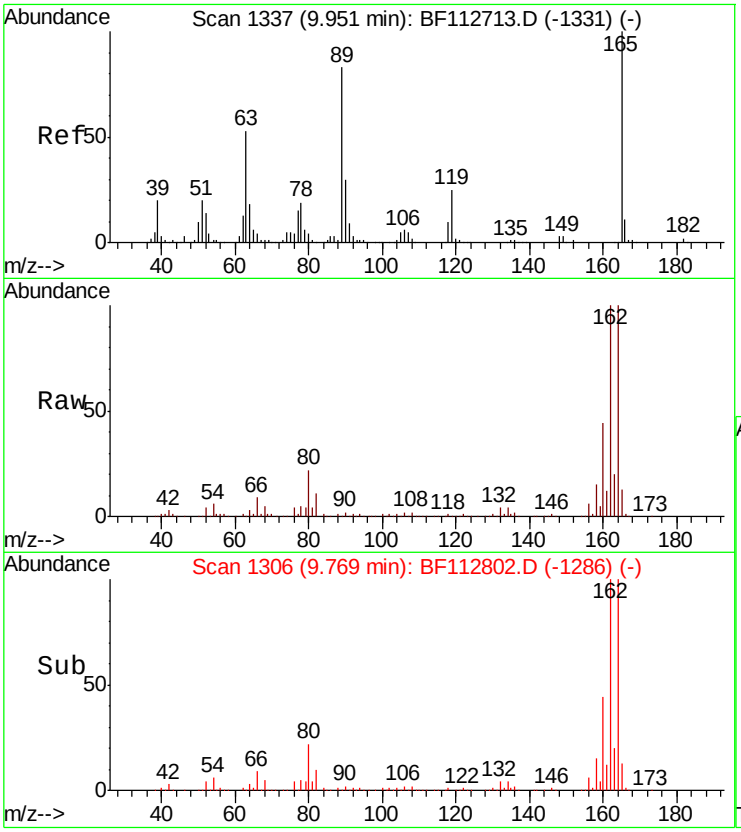




#51
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:165 Resp: 34532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 54.1 | 81.1# |
| 89 | 1.3 | 52.8 | 79.2# |



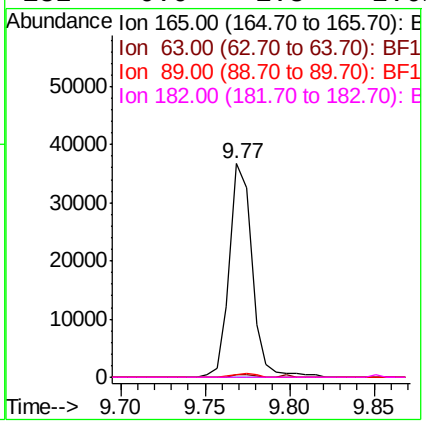


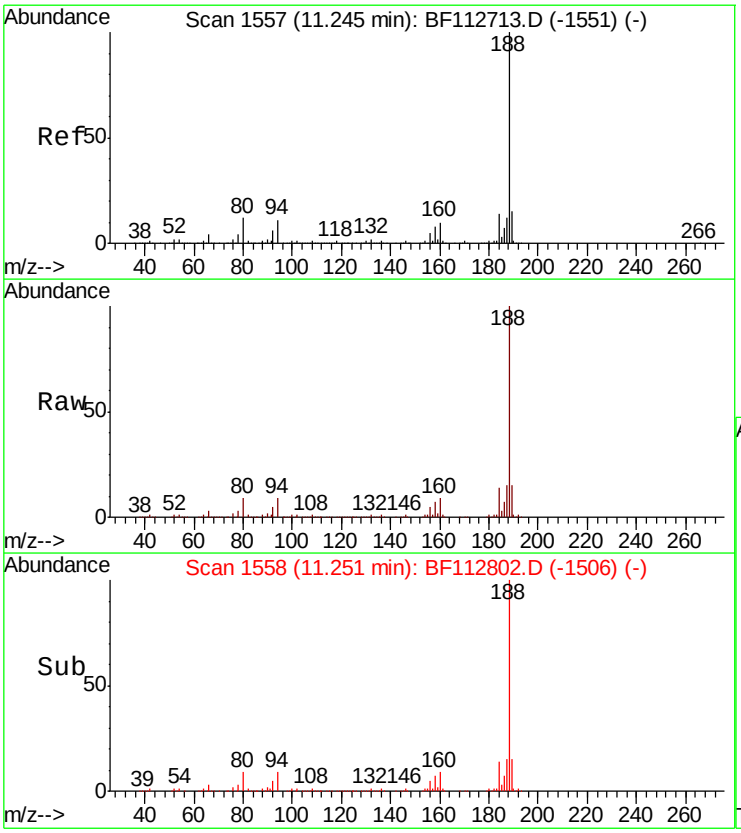

#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:165 Resp: 34533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 42.2 | 63.2# |
| 89 | 1.3 | 66.2 | 99.4# |
| 182 | 0.0 | 1.8 | 2.6# |

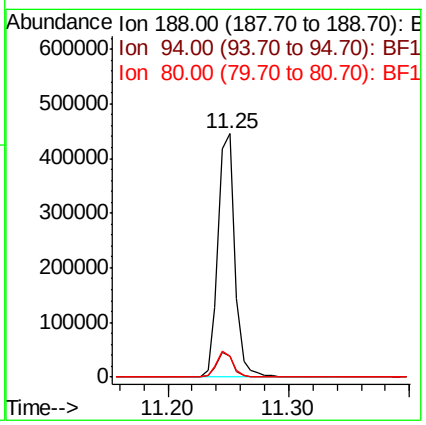


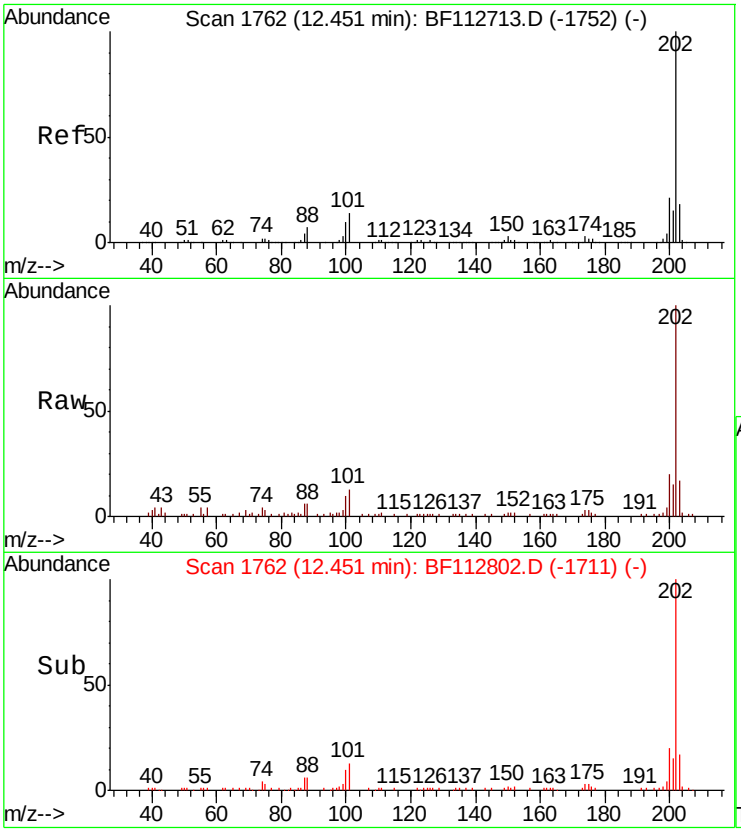




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:188 Resp: 426713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 9.0 | 13.4# |
| 80 | 8.7 | 9.2 | 13.8# |



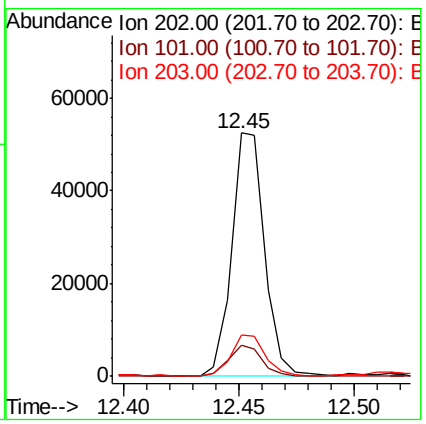


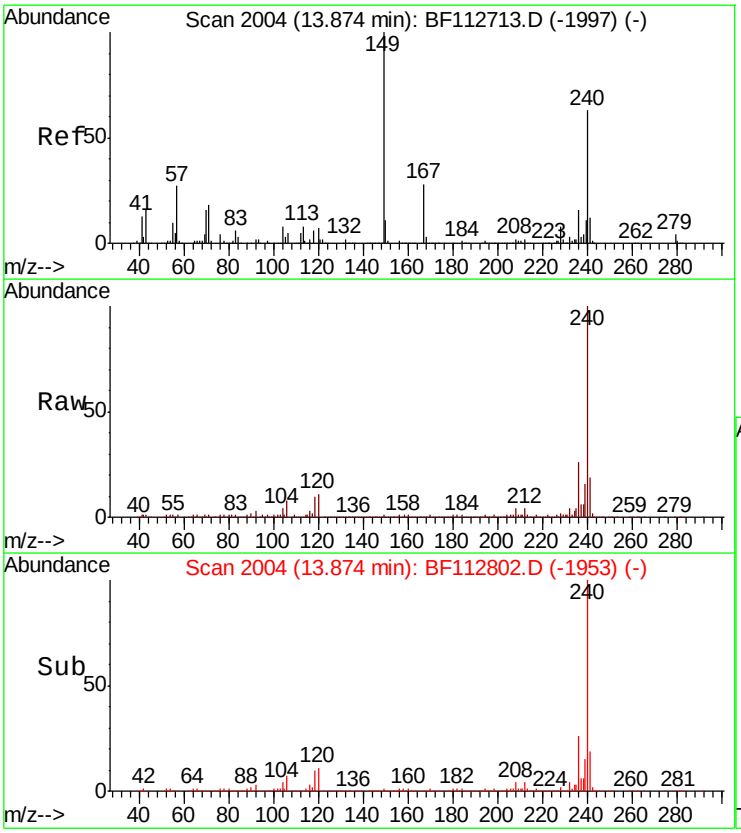

#75
Fluoranthene
Concen: 2.285 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:202 Resp: 51985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.8 | 0.0 | 33.8 |
| 203 | 17.0 | 0.0 | 38.4 |

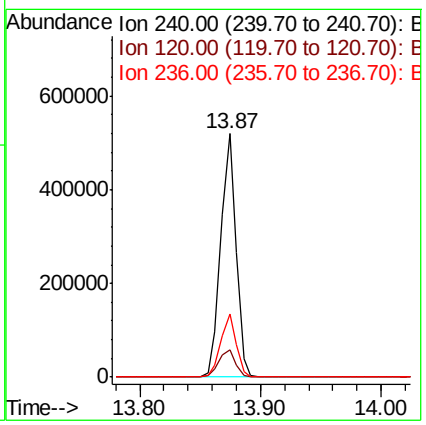


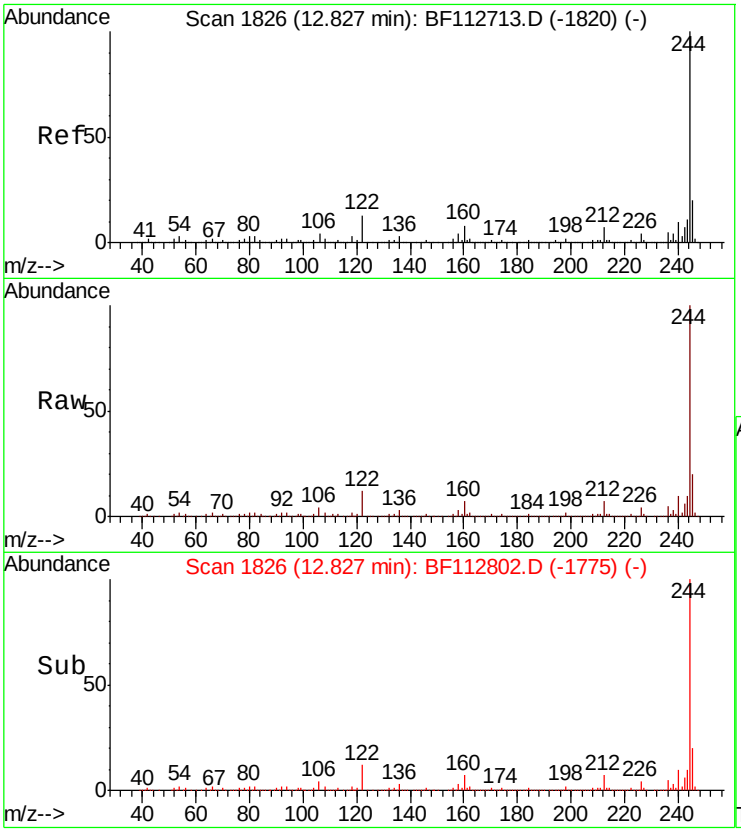




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:240 Resp: 456590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 8.9 | 13.3 |
| 236 | 26.1 | 20.7 | 31.1 |



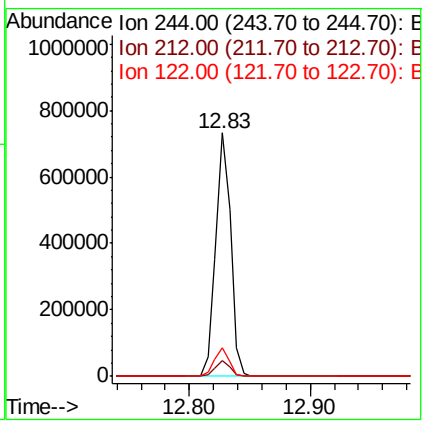


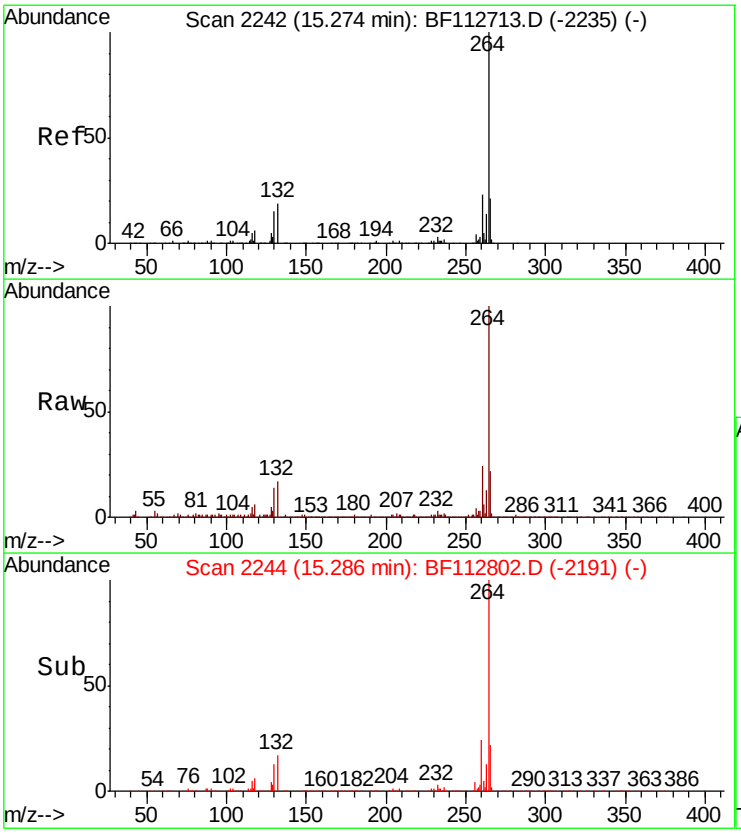

#79
Terphenyl-d14
Concen: 26.248 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:244 Resp: 618251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.6 | 8.4 |
| 122 | 11.6 | 10.5 | 15.7 |

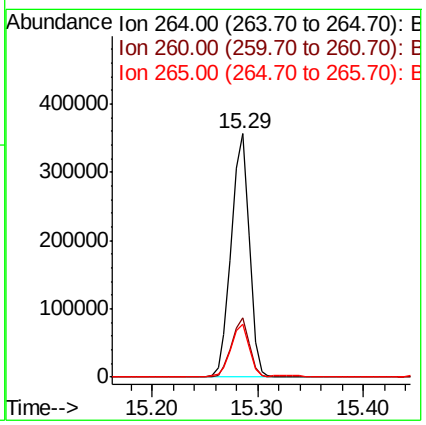


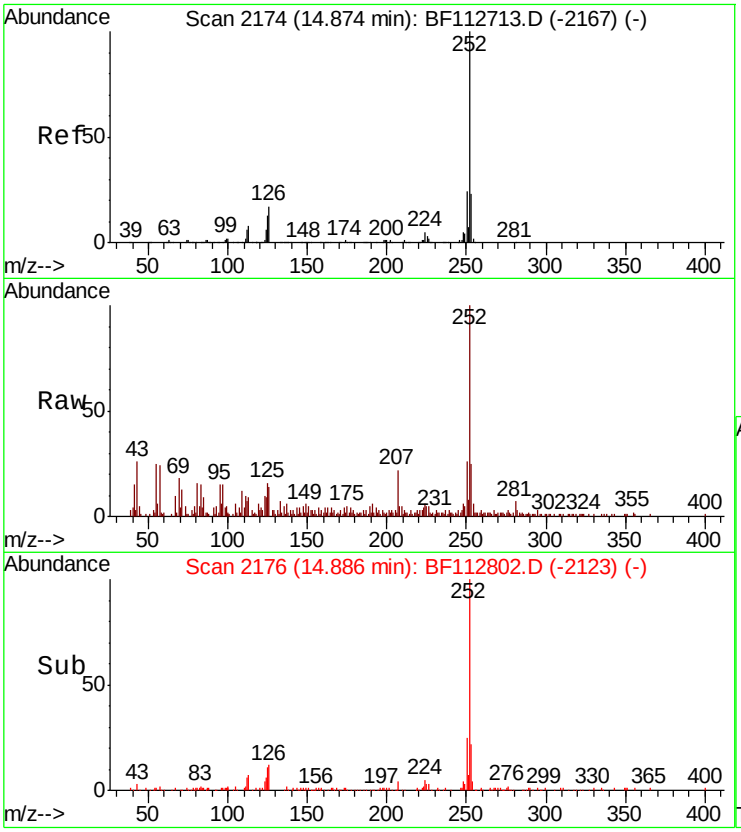




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:264 Resp: 417195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 18.7 | 28.1 |
| 265 | 21.8 | 17.2 | 25.8 |



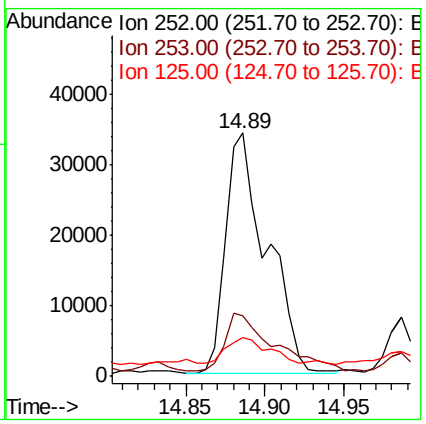


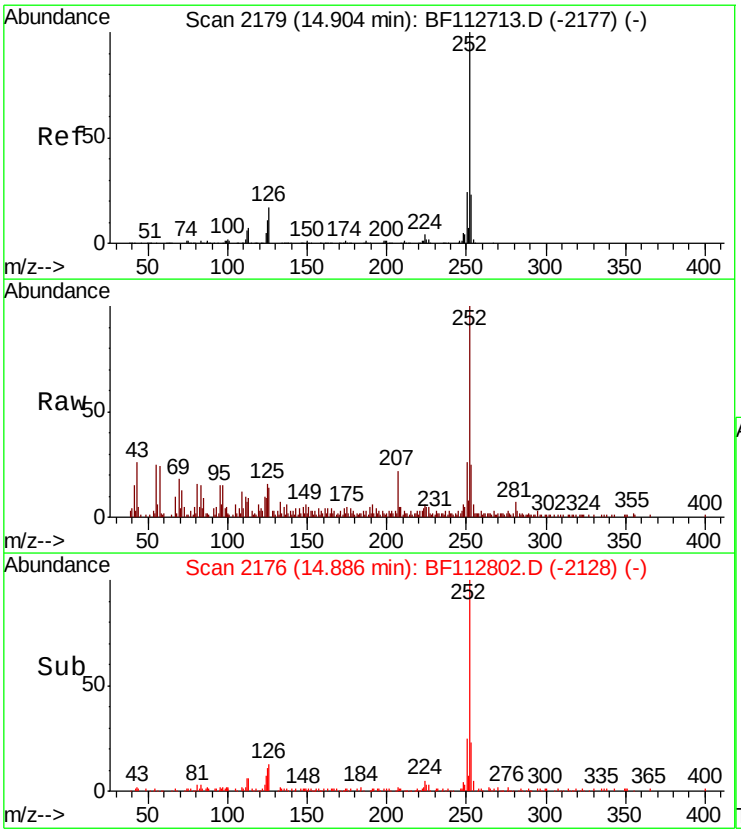

#88
Benzo(b)fluoranthene
Concen: 2.304 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

**Instrument :**
BNA_F
**ClientSampleId :**
FK-GF-02-031-B

Tgt Ion:252 Resp: 62179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 18.0 | 27.0 |
| 125 | 16.1 | 10.2 | 15.2# |




#89
Benzo(k)fluoranthene
Concen: 2.544 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112802.D
Acq: 1 Mar 2019 16:21

Tgt Ion:252 Resp: 62179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 18.2 | 27.2 |
| 125 | 16.1 | 9.8 | 14.6# |