Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113152.D
Acq On : 20 Mar 2019 4:31
Operator : JU/SJ
Sample : K1948-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PST-025-B125-031319

Quant Time: Mar 20 07:19:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 162246 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.00 | 136 | 626471 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.75 | 164 | 228523 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.23 | 188 | 374846 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 13.86 | 240 | 295898 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.27 | 264 | 228277 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 809031 | 77.57 | ng | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 1070950 | 81.74 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 646923 | 61.79 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.54 | 330 | 203193 | 83.75 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.08 | 172 | 939883 | 63.81 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.82 | 244 | 696349 | 45.62 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 84793 | 10.218 | ng | # 76 |
| 25) Isophorone | 7.28 | 82 | 639795 | 28.366 | ng | # 66 |
| 50) Dimethylphthalate | 9.47 | 163 | 115770 | 6.871 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 9.75 | 165 | 29345 | 6.728 | ng | # 17 |
| 65) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 264 | 4.768 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.54 | 248 | 11559 | 2.928 | ng | # 1 |
| 75) Fluoranthene | 12.44 | 202 | 73315 | 3.669 | ng | 96 |
| 78) Pyrene | 12.67 | 202 | 62047 | 2.487 | ng | 97 |
| 88) Benzo(b)fluoranthene | 14.87 | 252 | 49289 | 3.338 | ng | 97 |
| 89) Benzo(k)fluoranthene | 14.87 | 252 | 49289 | 3.685 | ng | 98 |

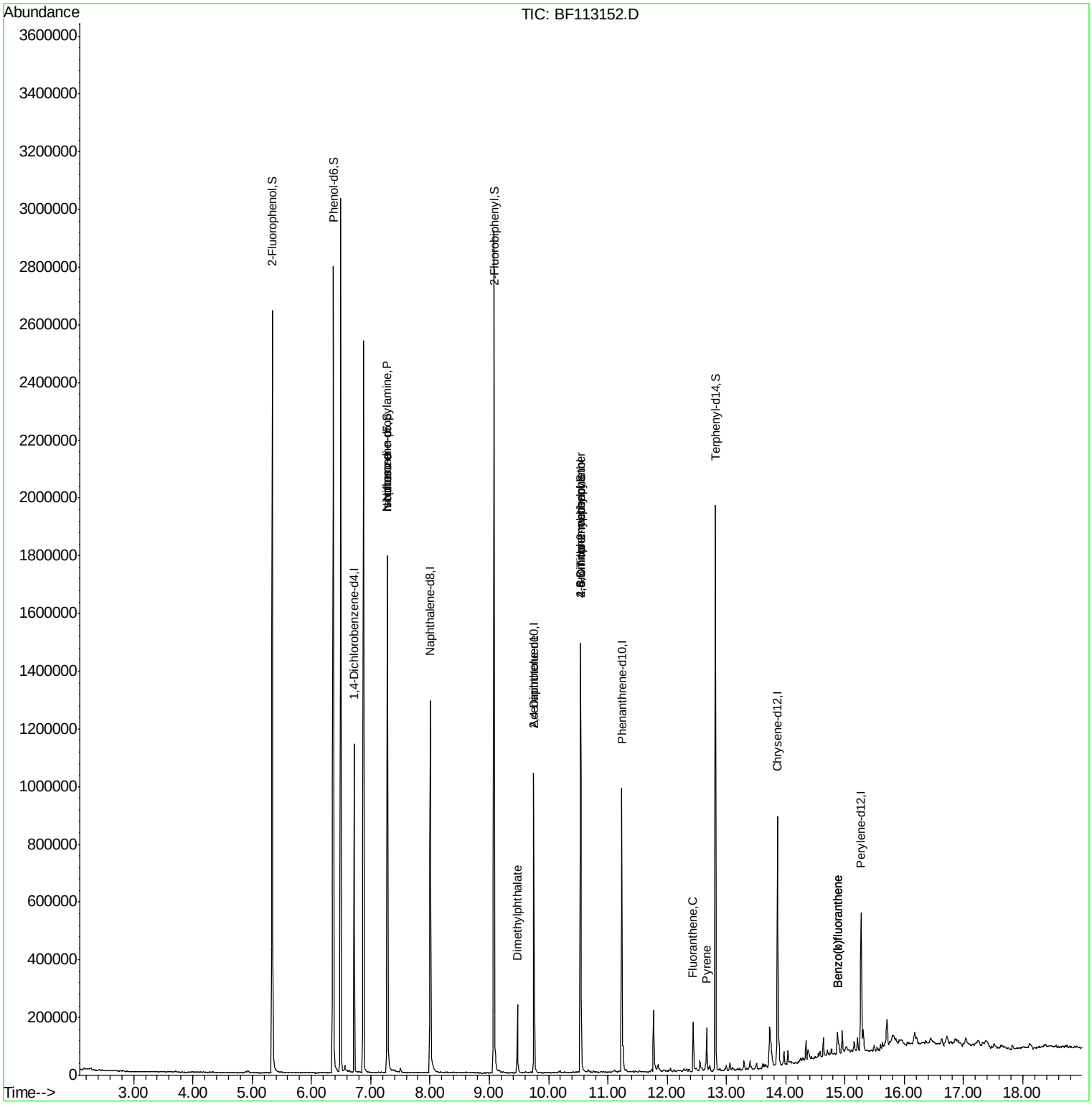
(#) = qualifier out of range (m) = manual integration (+) = signals summed

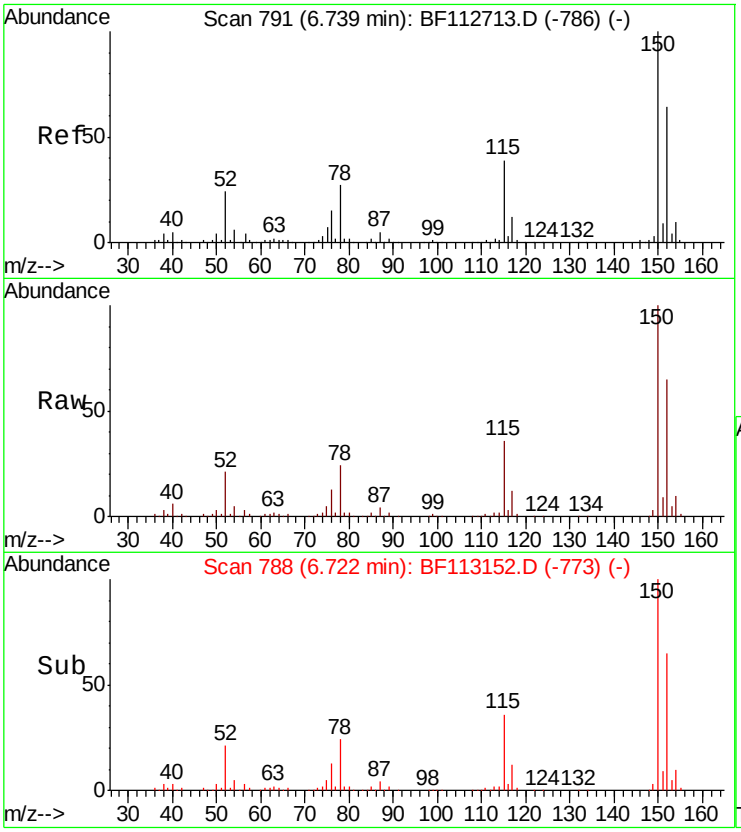
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113152.D
Acq On : 20 Mar 2019 4:31
Operator : JU/SJ
Sample : K1948-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Quant Time: Mar 20 07:19:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



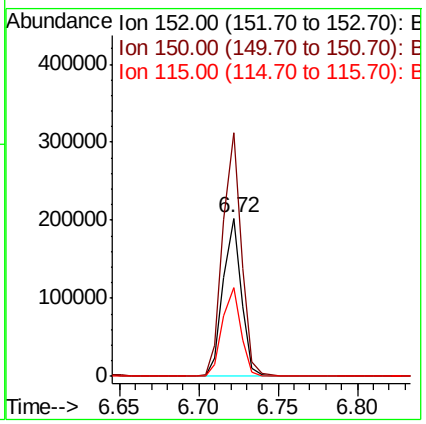


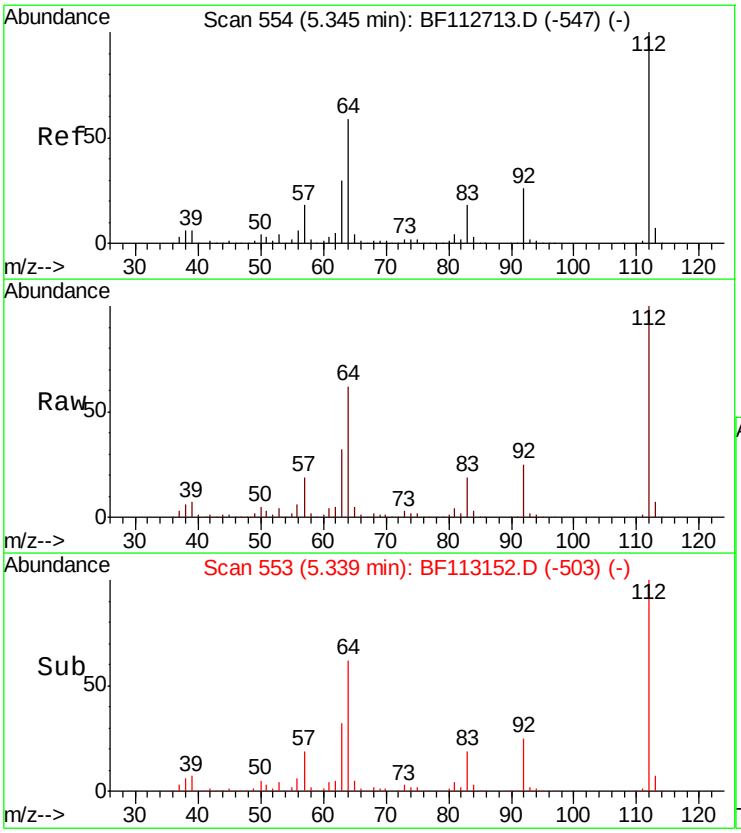

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:152 Resp: 162246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.0 | 124.2 | 186.2 |
| 115 | 55.9 | 48.2 | 72.4 |

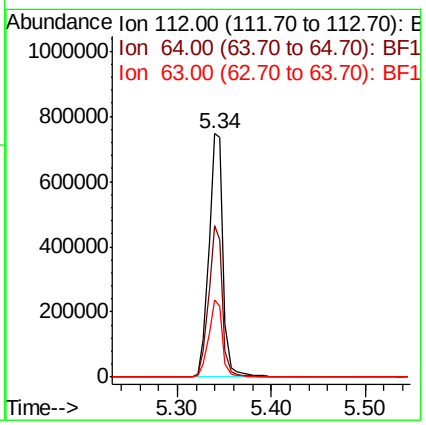


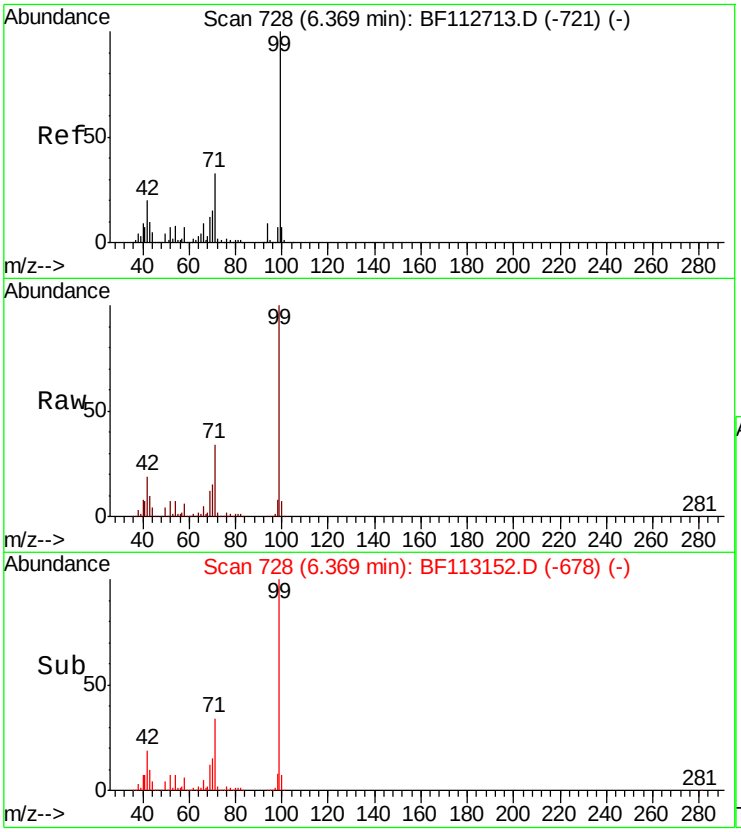




#5
2-Fluorophenol
Concen: 77.566 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:112 Resp: 809031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.4 | 47.6 | 71.4 |
| 63 | 31.9 | 24.4 | 36.6 |



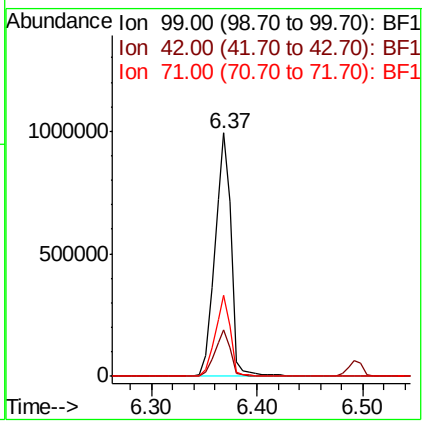


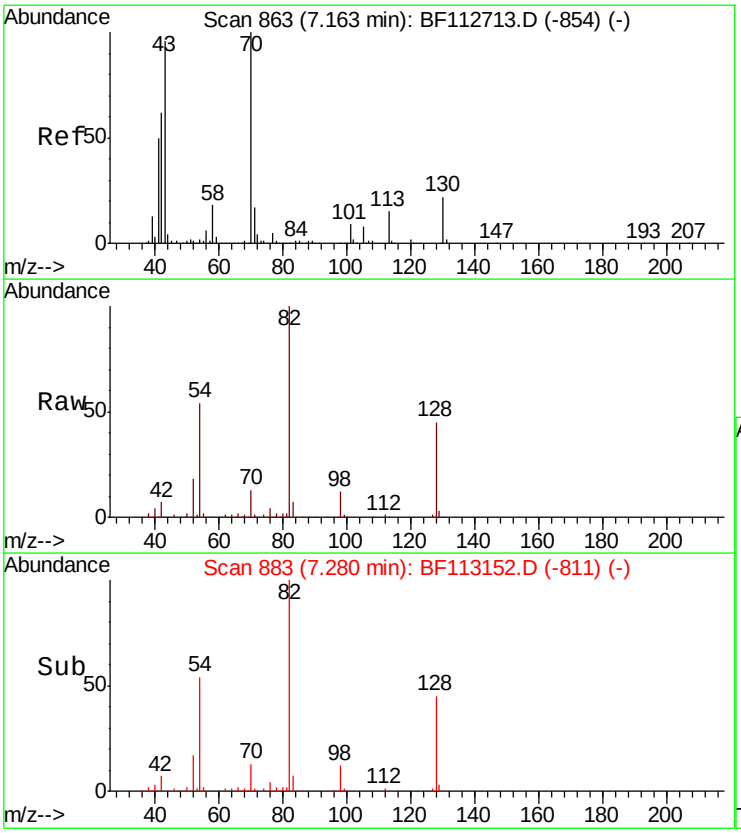

#7
Phenol-d6
Concen: 81.739 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion: 99 Resp: 1070950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 16.3 | 24.5 |
| 71 | 33.5 | 26.2 | 39.4 |

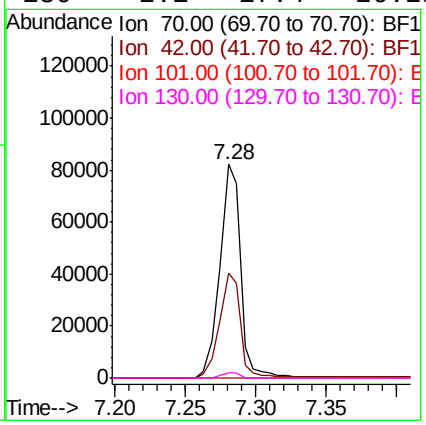


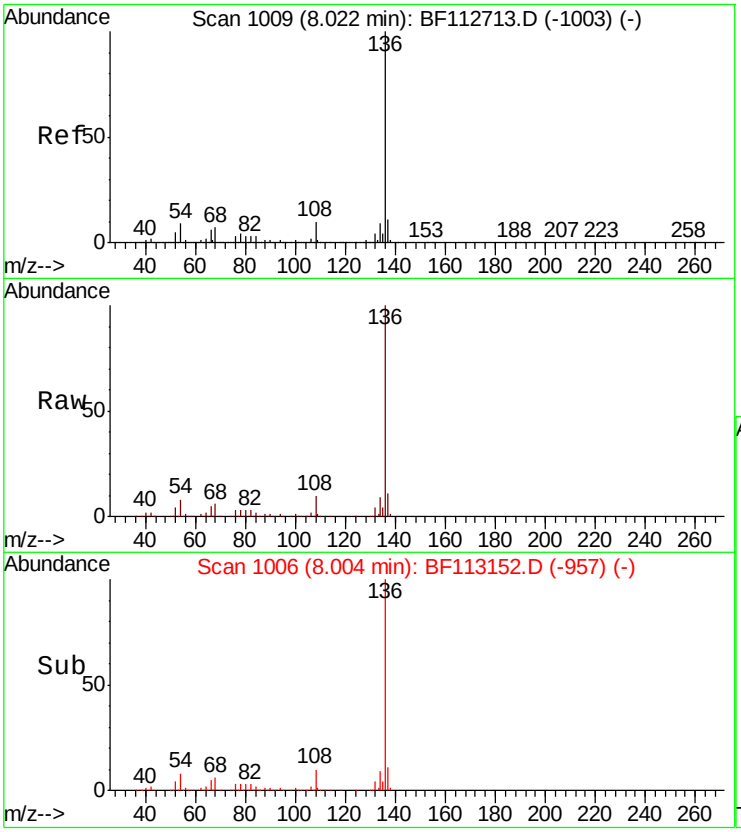




#19
n-Nitroso-di-n-propylamine
Concen: 10.218 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion: 70 Resp: 84793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.9 | 49.9 | 74.9# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.1 | 17.4 | 26.2# |



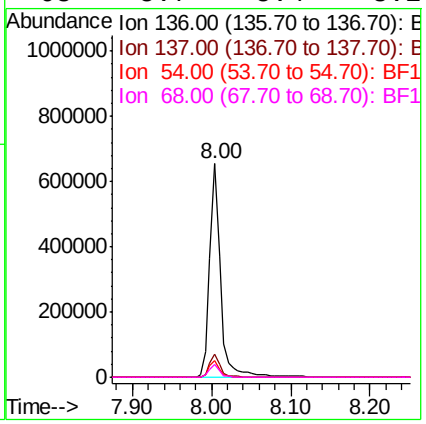


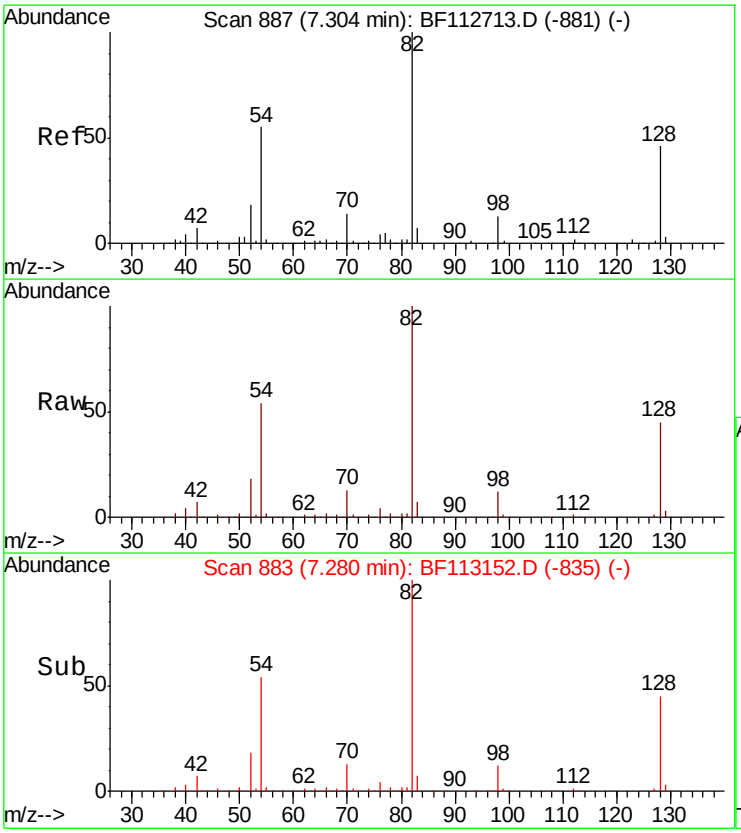

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:136 Resp: 626471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 7.7 | 7.3 | 10.9 |
| 68 | 5.7 | 5.4 | 8.2 |

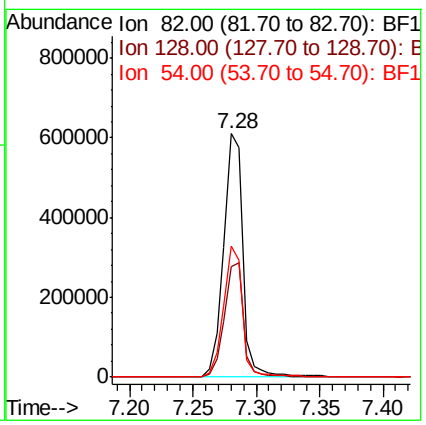


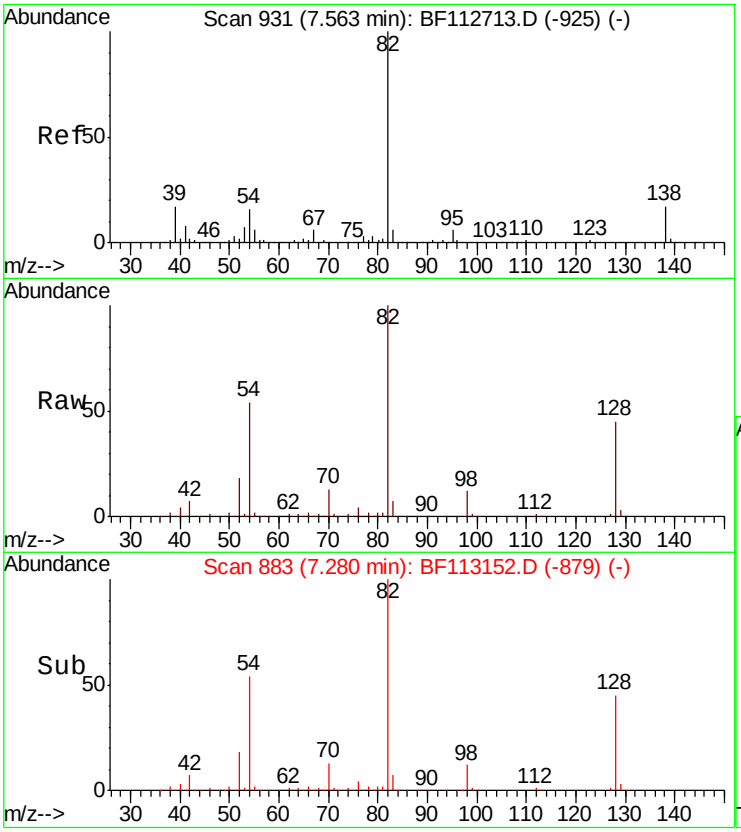




#23
Nitrobenzene-d5
Concen: 61.791 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion: 82 Resp: 646923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.2 | 36.3 | 54.5 |
| 54 | 53.9 | 43.7 | 65.5 |



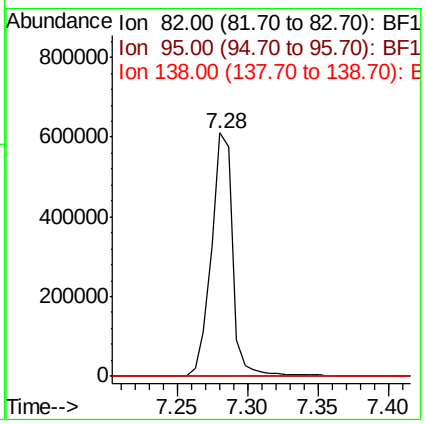


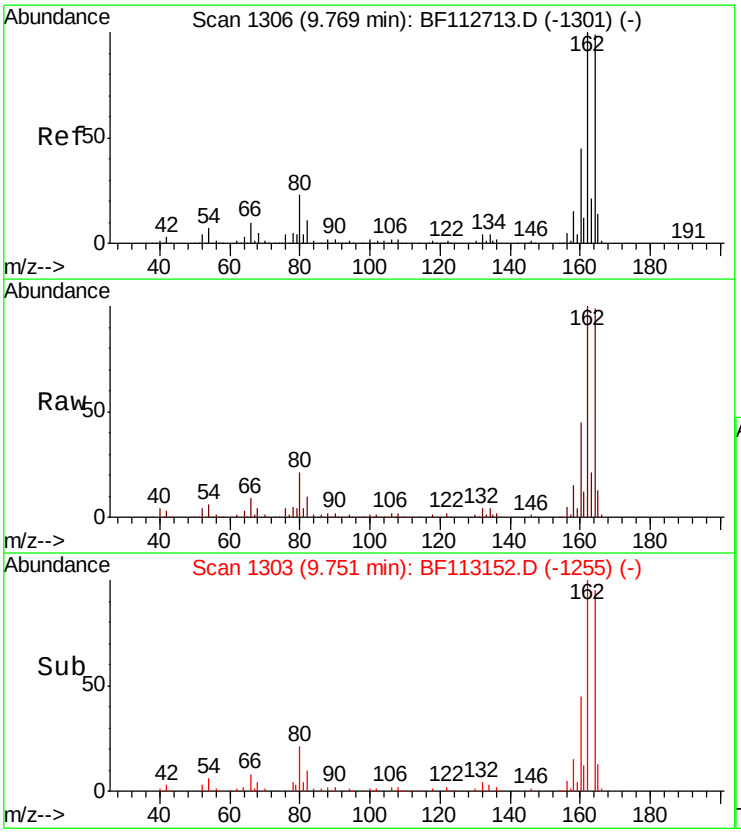

#25
Isophorone
Concen: 28.366 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion: 82 Resp: 639795

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

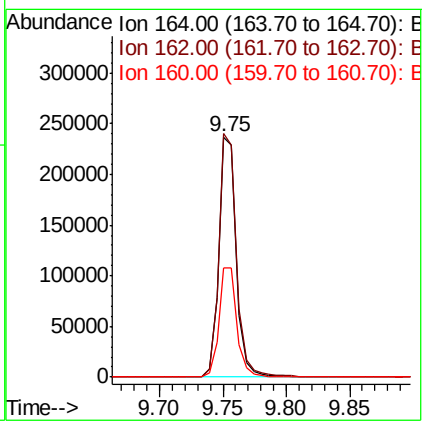


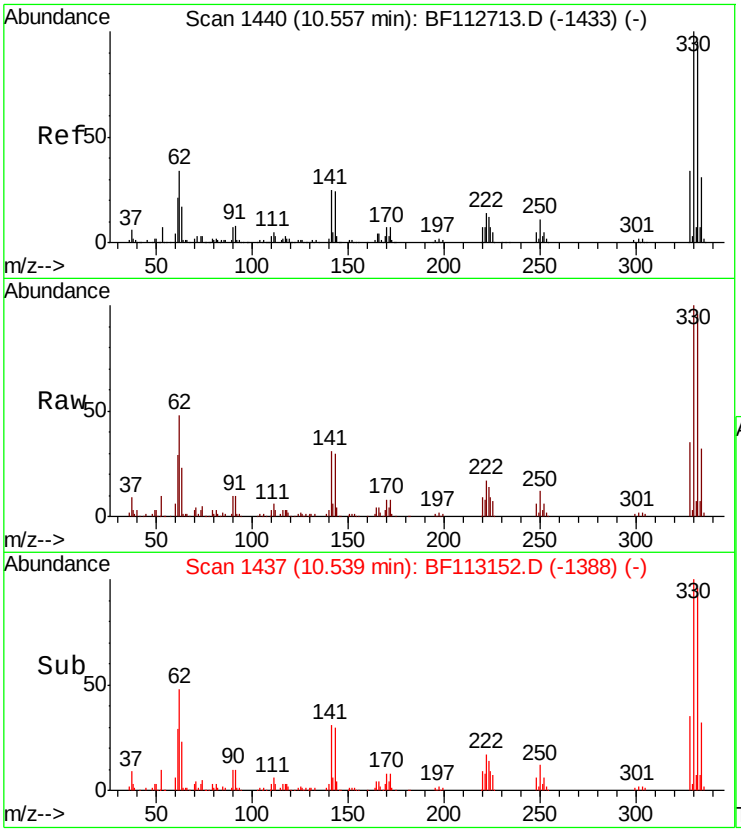




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:164 Resp: 228523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 80.6 | 120.8 |
| 160 | 45.6 | 36.0 | 54.0 |



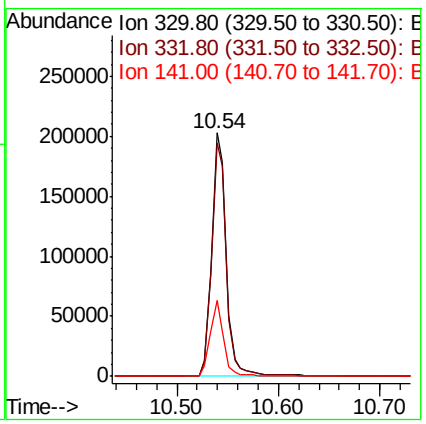


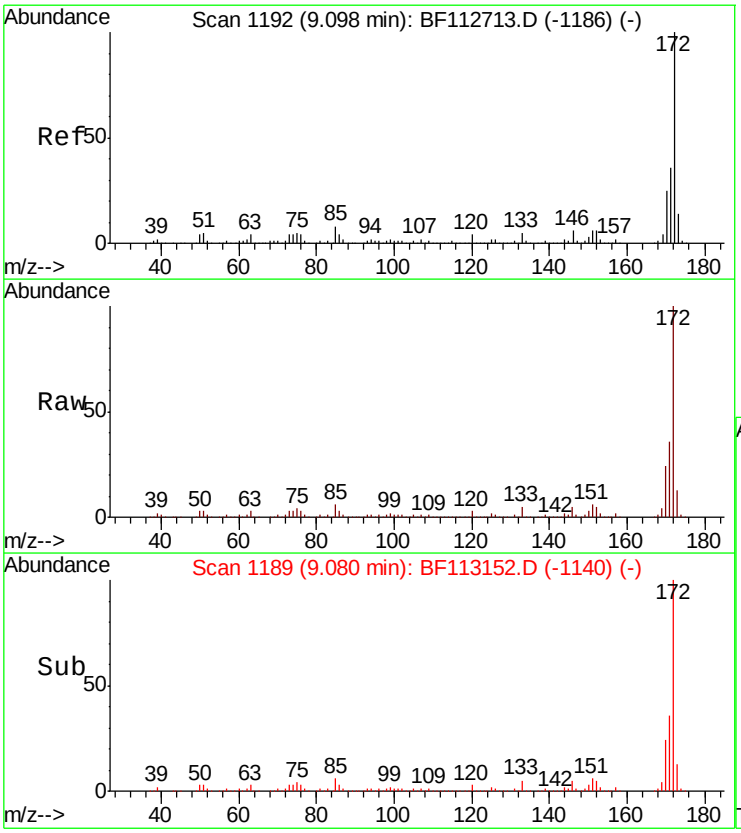

#42
2,4,6-Tribromophenol
Concen: 83.754 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:330 Resp: 203193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.2 | 114.4 |
| 141 | 29.1 | 27.0 | 40.6 |

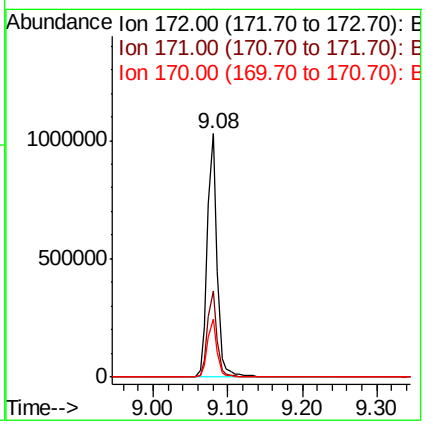


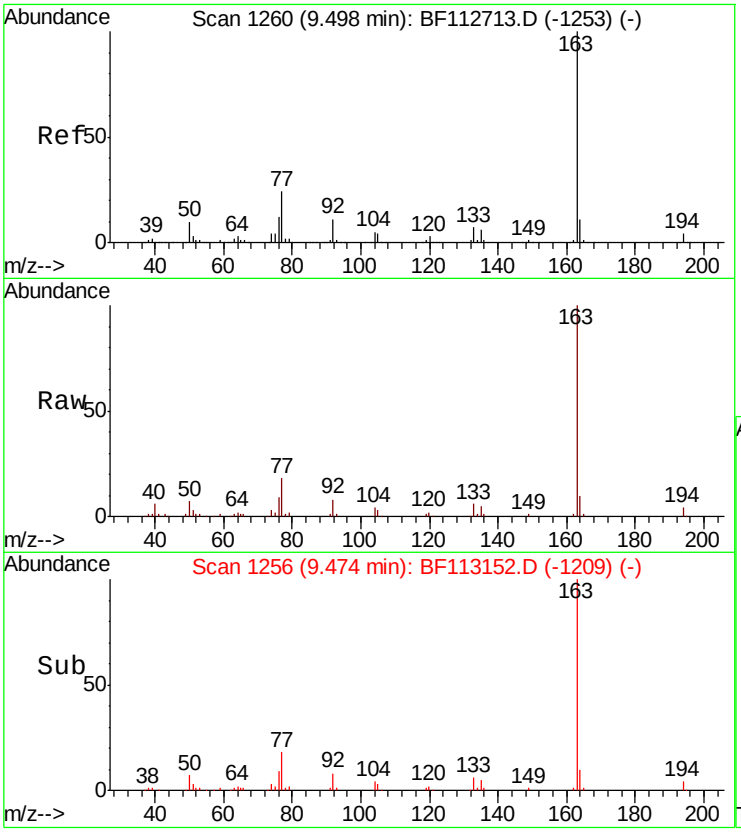




#45
2-Fluorobiphenyl
Concen: 63.808 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:172 Resp: 939883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 29.0 | 43.4 |
| 170 | 24.0 | 20.0 | 30.0 |



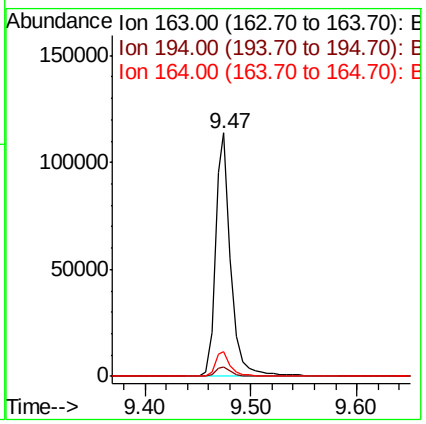


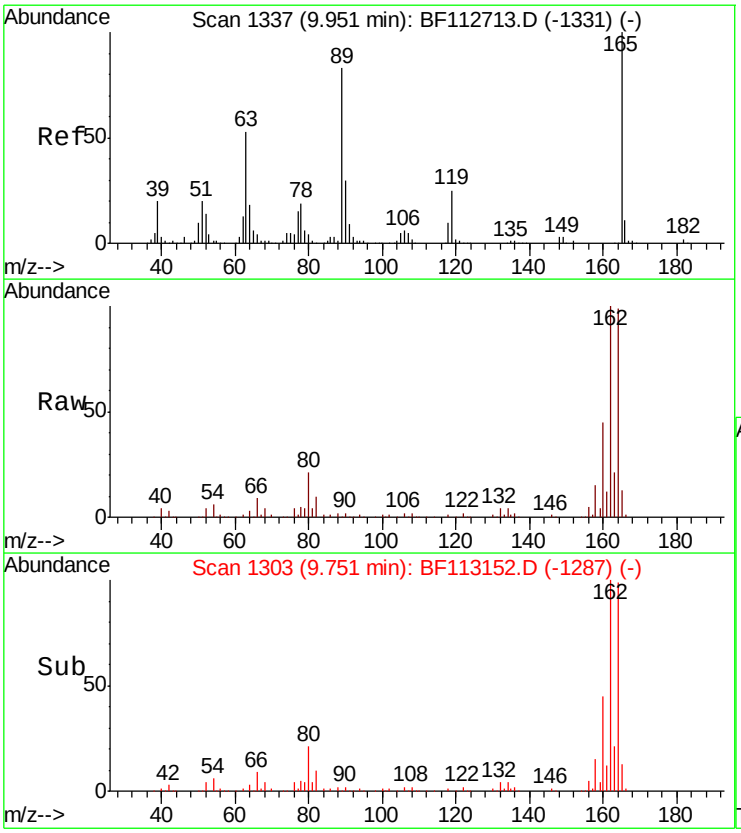

#50
Dimethylphthalate
Concen: 6.871 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:163 Resp: 115770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.0 | 4.4 |
| 164 | 10.1 | 8.4 | 12.6 |

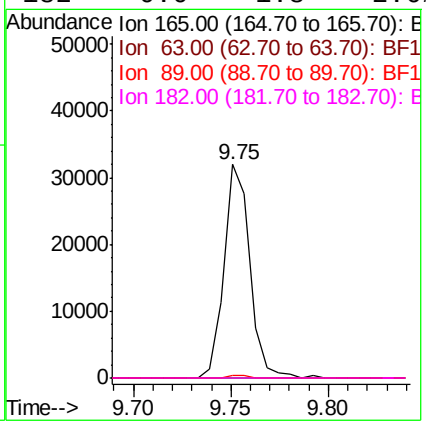


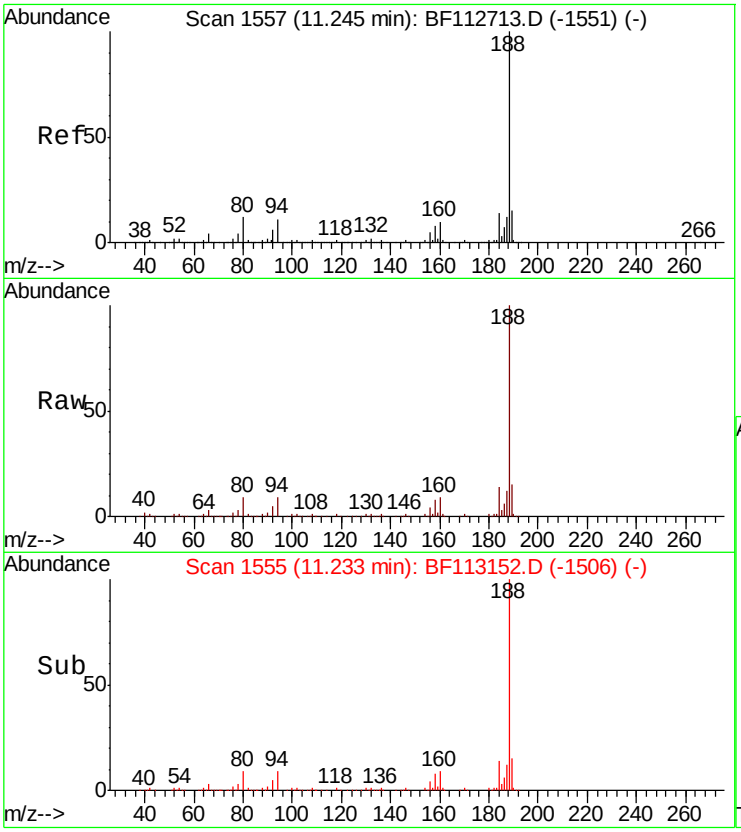




#57
2,4-Dinitrotoluene
Concen: 6.728 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:165 Resp: 29345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 42.2 | 63.2# |
| 89 | 1.0 | 66.2 | 99.4# |
| 182 | 0.0 | 1.8 | 2.6# |



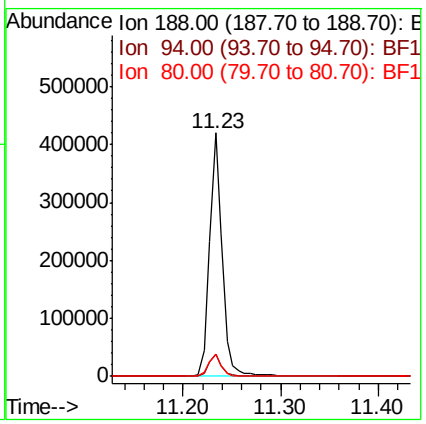


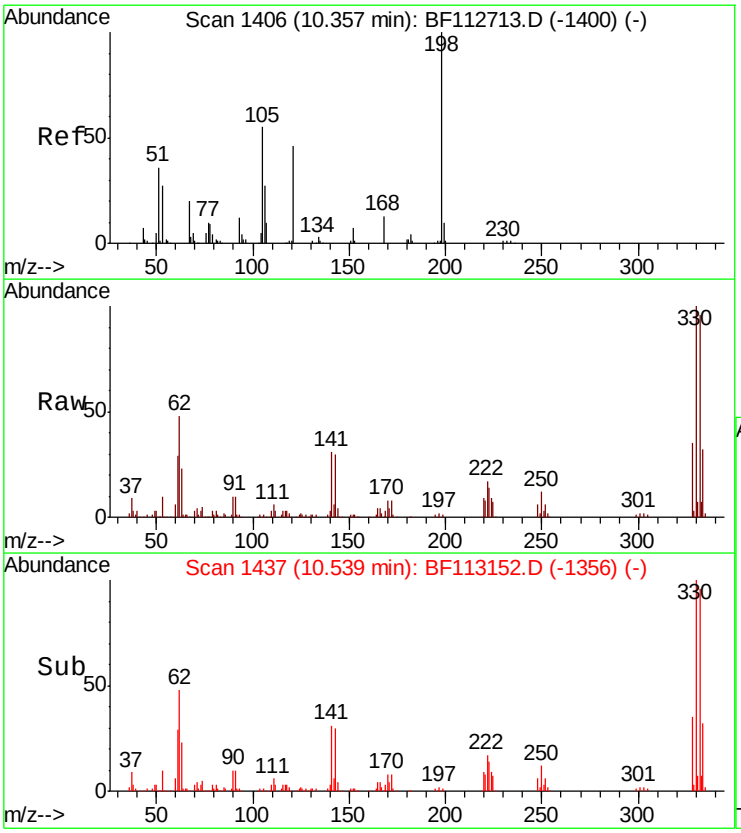

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:188 Resp: 374846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 9.0 | 13.4 |
| 80 | 9.3 | 9.2 | 13.8 |

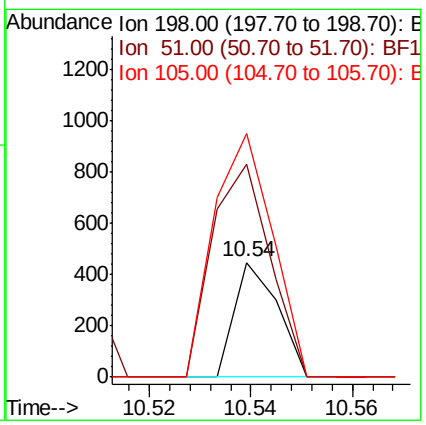


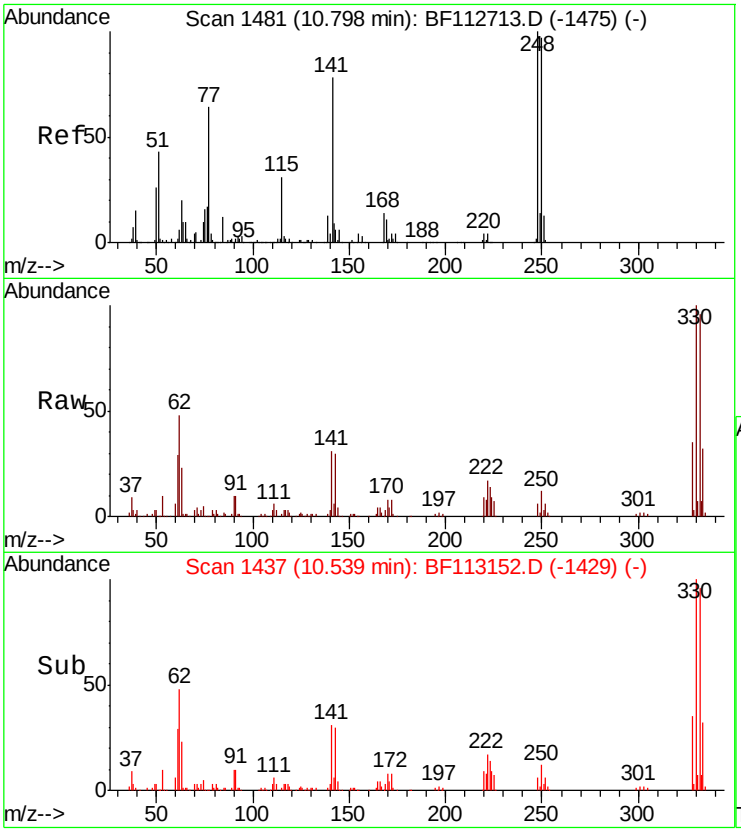




#65
4,6-Dinitro-2-methylphenol
Concen: 4.768 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:198 Resp: 264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 186.4 | 43.8 | 83.8# |
| 105 | 212.8 | 36.5 | 76.5# |



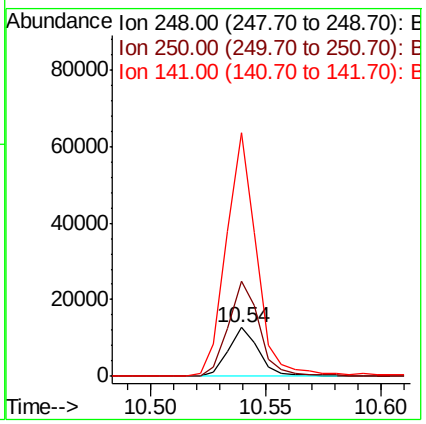


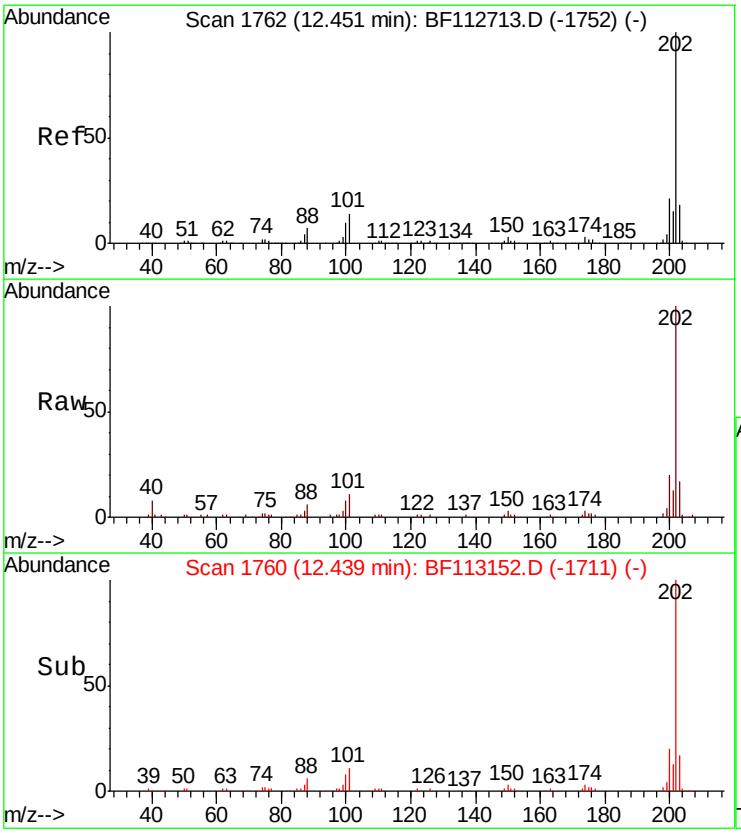

#67
4-Bromophenyl-phenylether
Concen: 2.928 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:248 Resp: 11559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.4 | 77.5 | 116.3# |
| 141 | 499.6 | 62.4 | 93.6# |

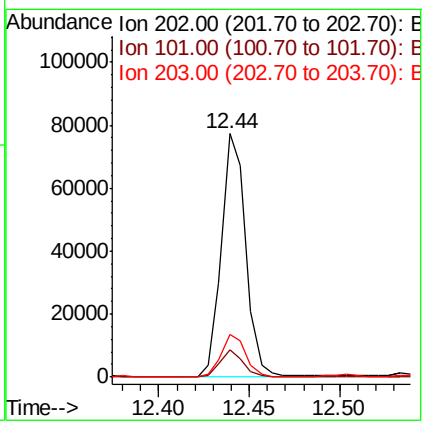


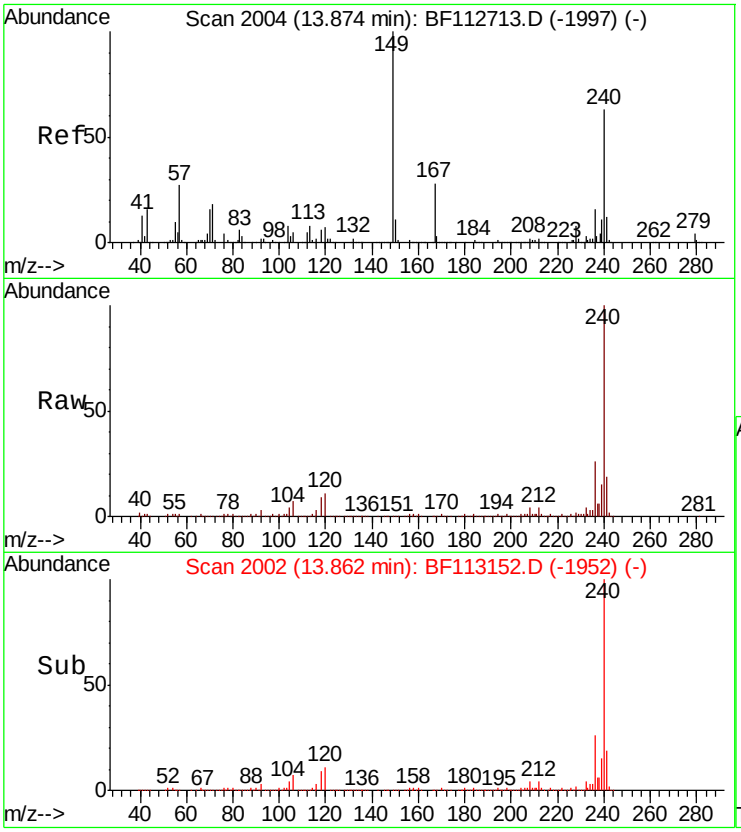




#75
Fluoranthene
Concen: 3.669 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:202 Resp: 73315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 33.8 |
| 203 | 17.4 | 0.0 | 38.4 |



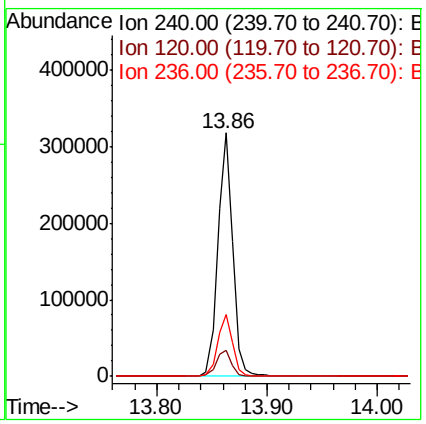


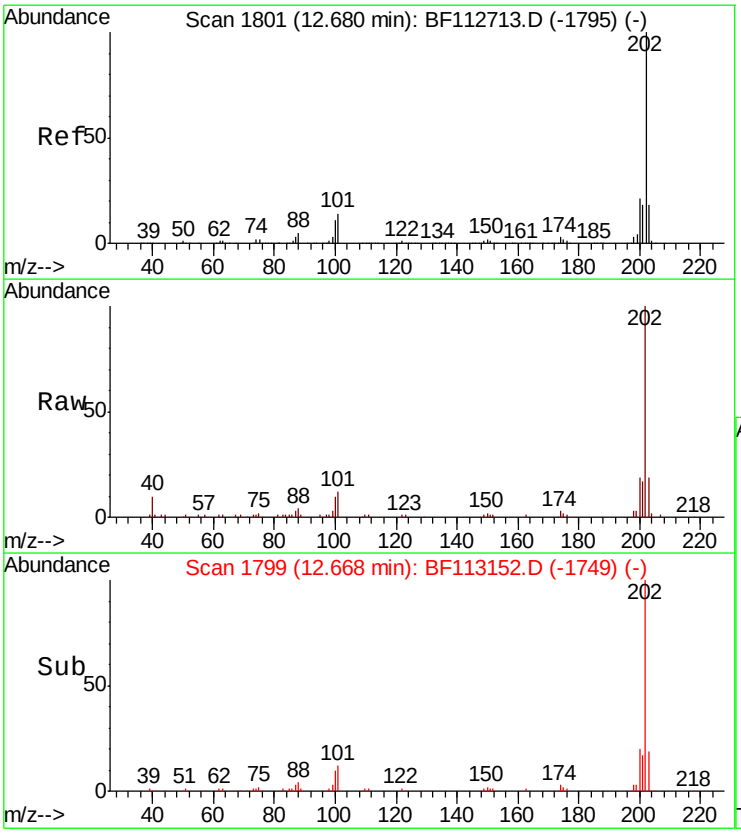

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:240 Resp: 295898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.9 | 13.3 |
| 236 | 25.6 | 20.7 | 31.1 |

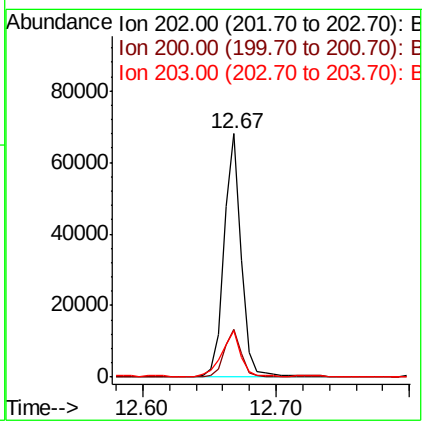


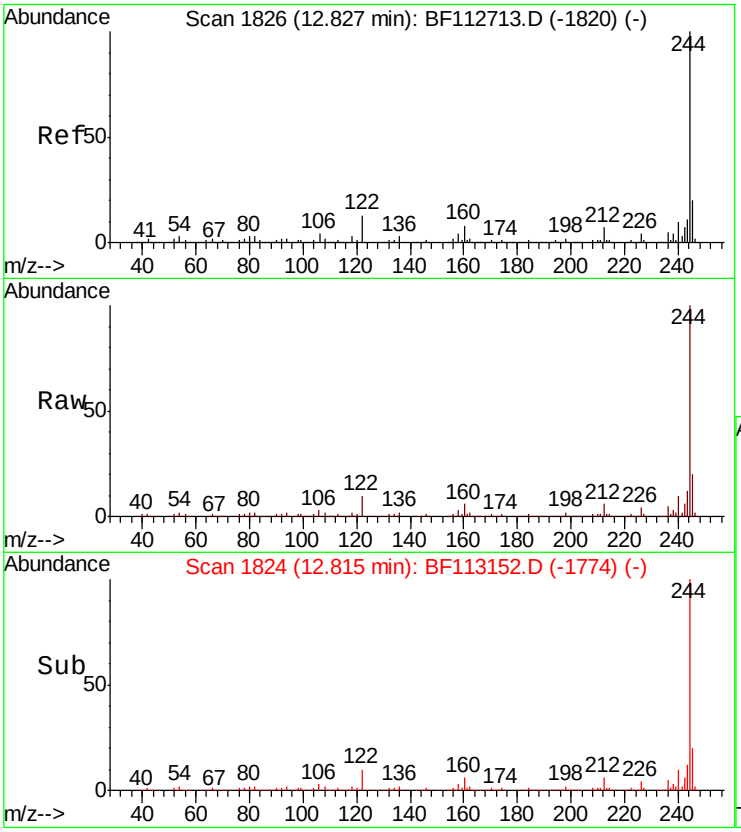




#78
Pyrene
Concen: 2.487 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:202 Resp: 62047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.5 | 17.0 | 25.4 |
| 203 | 19.0 | 14.4 | 21.6 |



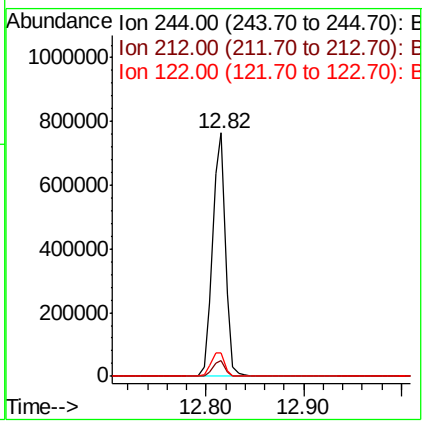


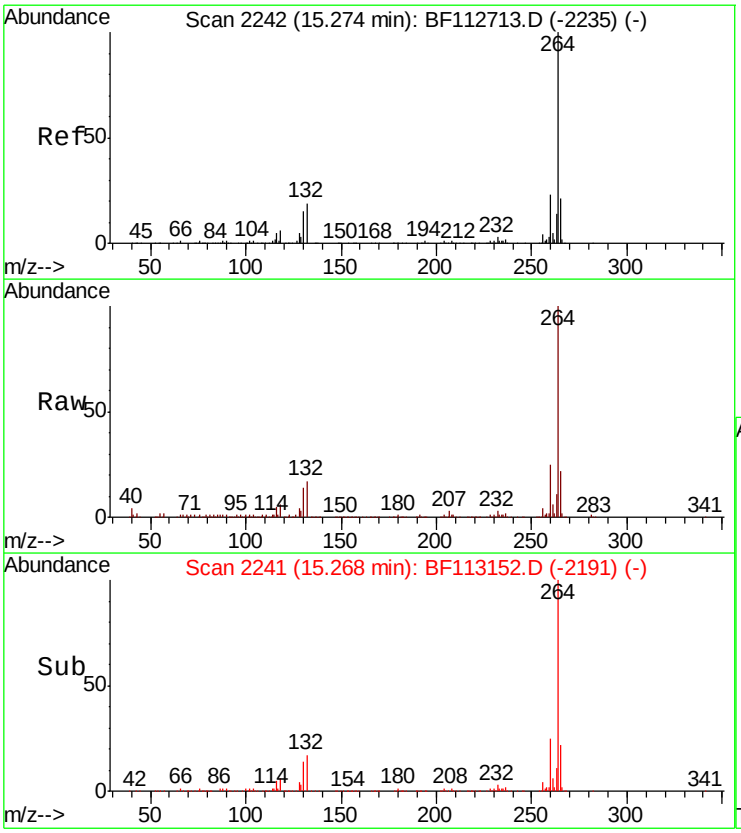

#79
Terphenyl-d14
Concen: 45.619 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:244 Resp: 696349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.6 | 8.4 |
| 122 | 9.7 | 10.5 | 15.7# |

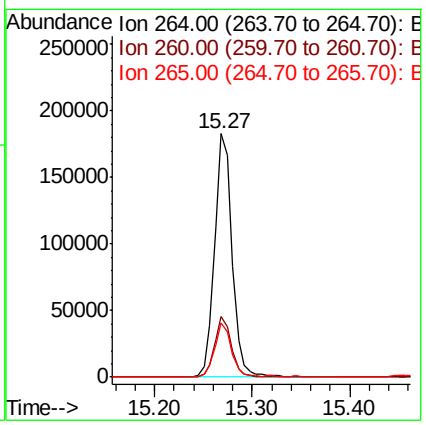


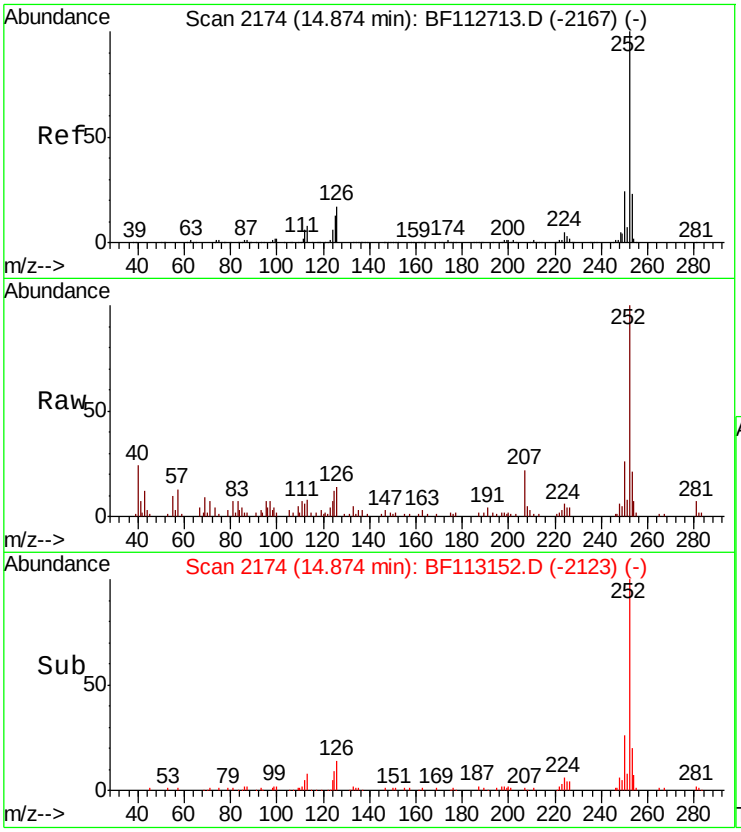




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:264 Resp: 228277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 18.7 | 28.1 |
| 265 | 22.5 | 17.2 | 25.8 |



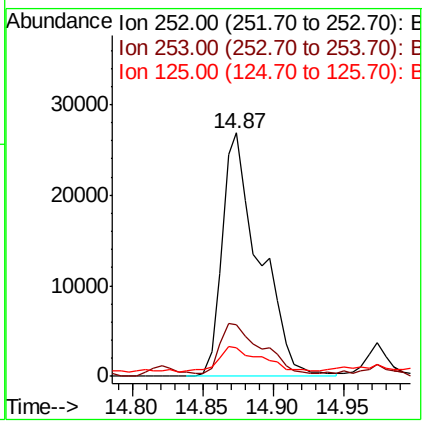


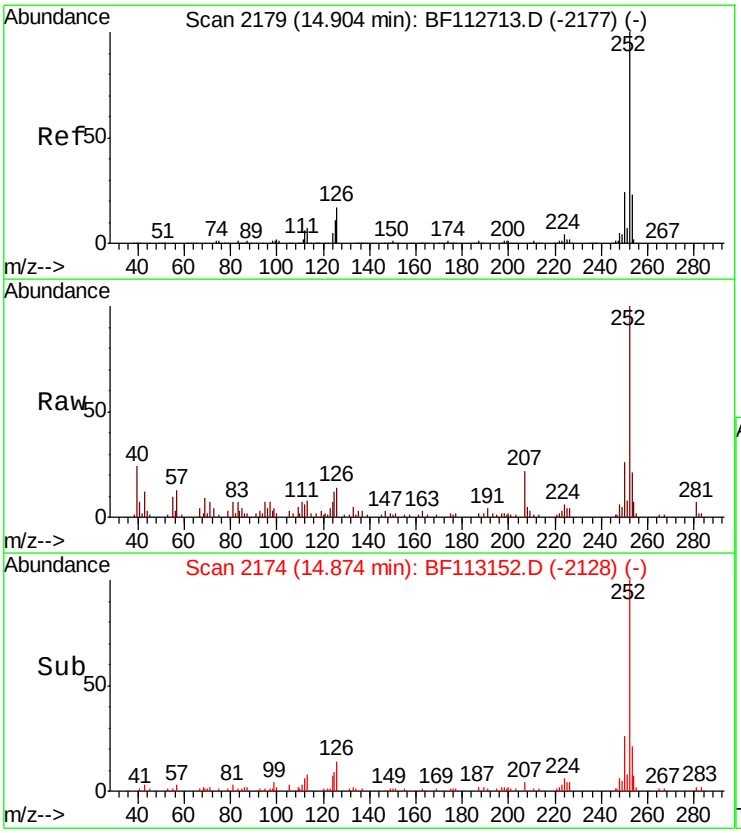

#88
Benzo(b)fluoranthene
Concen: 3.338 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

**Instrument :**
BNA_F
**ClientSampleId :**
PST-025-B125-031319

Tgt Ion:252 Resp: 49289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 18.0 | 27.0 |
| 125 | 11.7 | 10.2 | 15.2 |




#89
Benzo(k)fluoranthene
Concen: 3.685 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion:252 Resp: 49289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 18.2 | 27.2 |
| 125 | 11.7 | 9.8 | 14.6 |