Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117332.D
Acq On : 3 Oct 2019 22:25
Operator : JU
Sample : K5128-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-1ARE

Quant Time: Oct 04 03:21:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 50423 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 8.09 | 136 | 197073 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 9.84 | 164 | 80149 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 101029 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 95385 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.43 | 264 | 87975 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 116352 | 36.03 | ng | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 174290 | 41.76 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 99092 | 26.42 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 22175 | 33.10 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 183265 | 35.75 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.90 | 244 | 131003 | 25.67 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.59 | 77 | 3075 | Below Cal | # | 75 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 12770 | 5.024 | ng | # 80 |
| 25) Isophorone | 7.37 | 82 | 99092 | 14.921 | ng | # 66 |
| 50) Dimethylphthalate | 9.56 | 163 | 17880 | 3.151 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.84 | 165 | 9855 | 8.527 | ng | # 24 |
| 57) 2,4-Dinitrotoluene | 9.84 | 165 | 9855 | 6.569 | ng | # 18 |
| 89) Benzo(k)fluoranthene | 15.01 | 252 | 10203 | 2.021 | ng | # 63 |

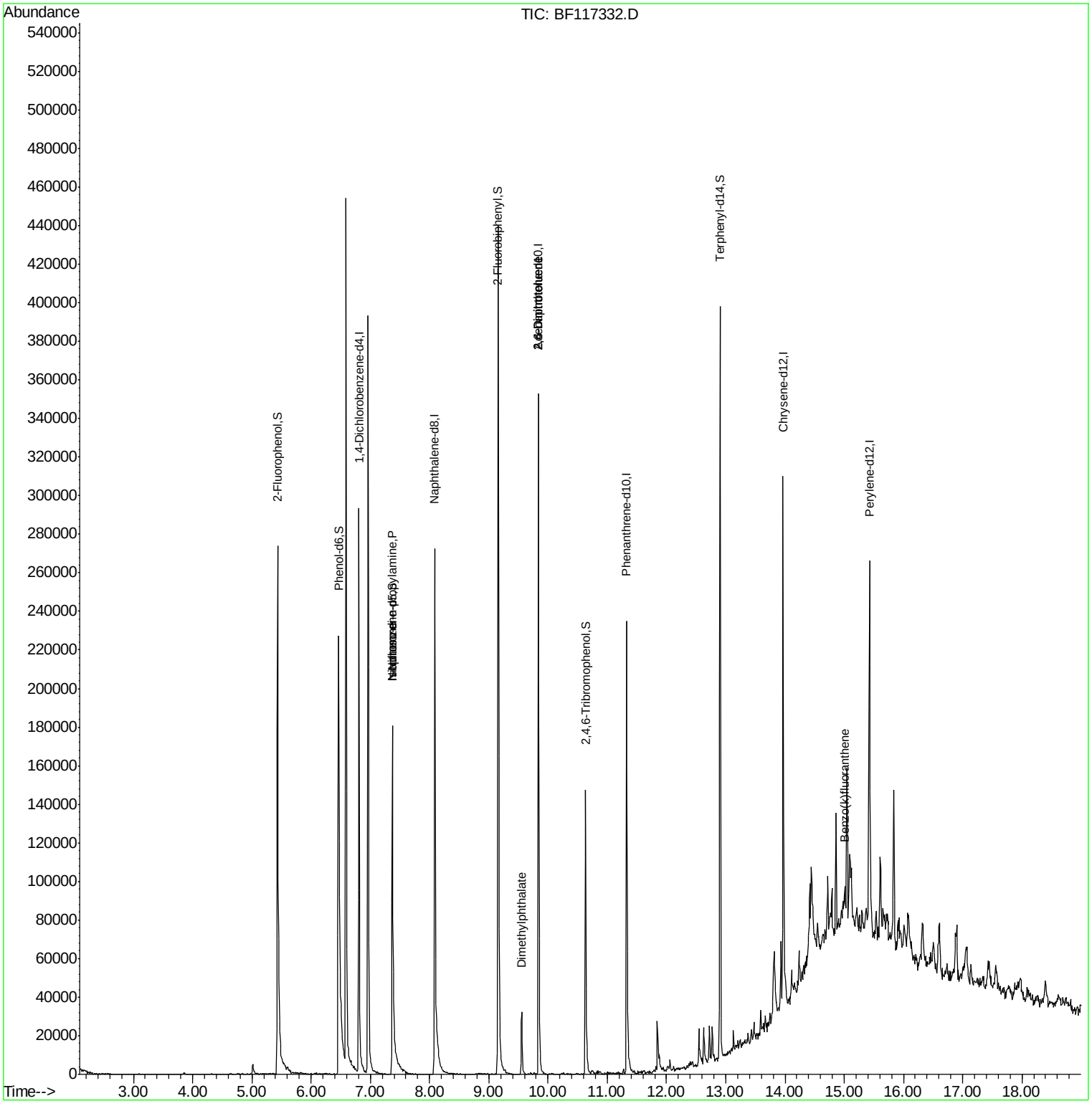
(#) = qualifier out of range (m) = manual integration (+) = signals summed

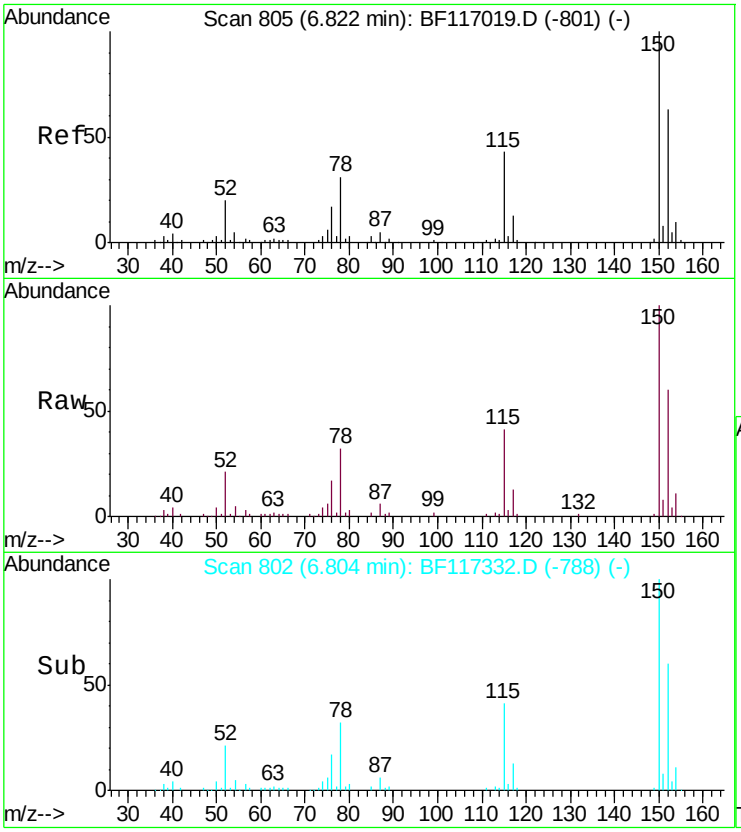
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117332.D
Acq On : 3 Oct 2019 22:25
Operator : JU
Sample : K5128-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-1ARE

Quant Time: Oct 04 03:21:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



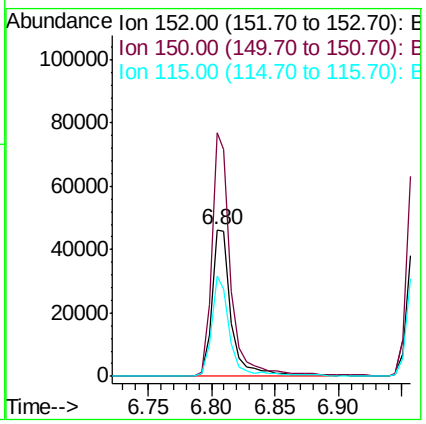


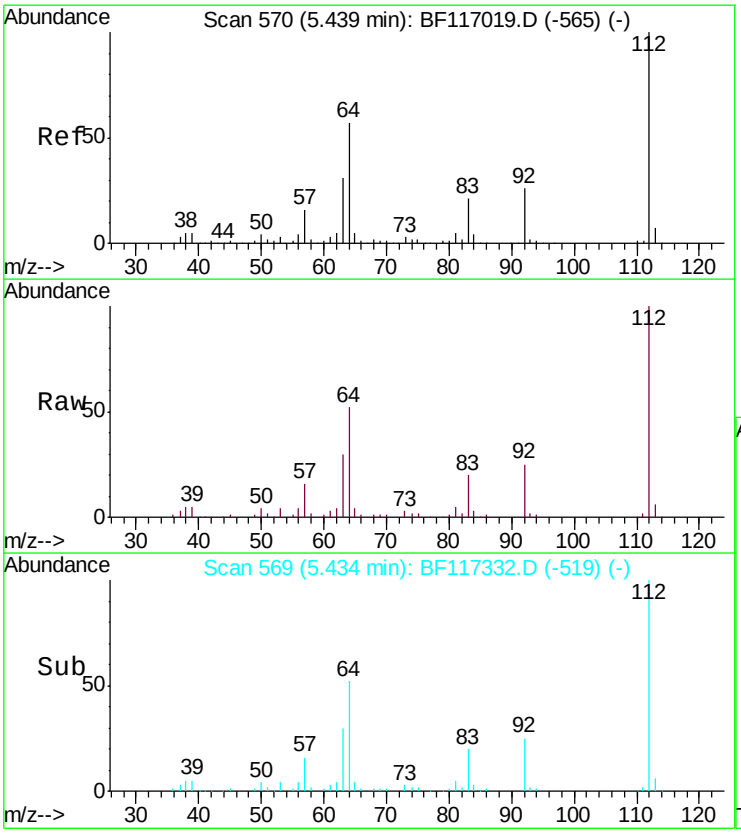

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:152 Resp: 50423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 166.0 | 127.5 | 191.3 |
| 115 | 68.1 | 55.0 | 82.4 |

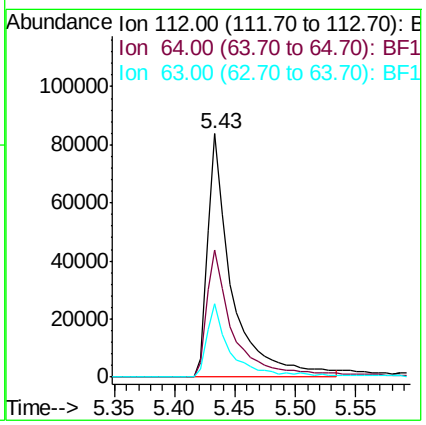


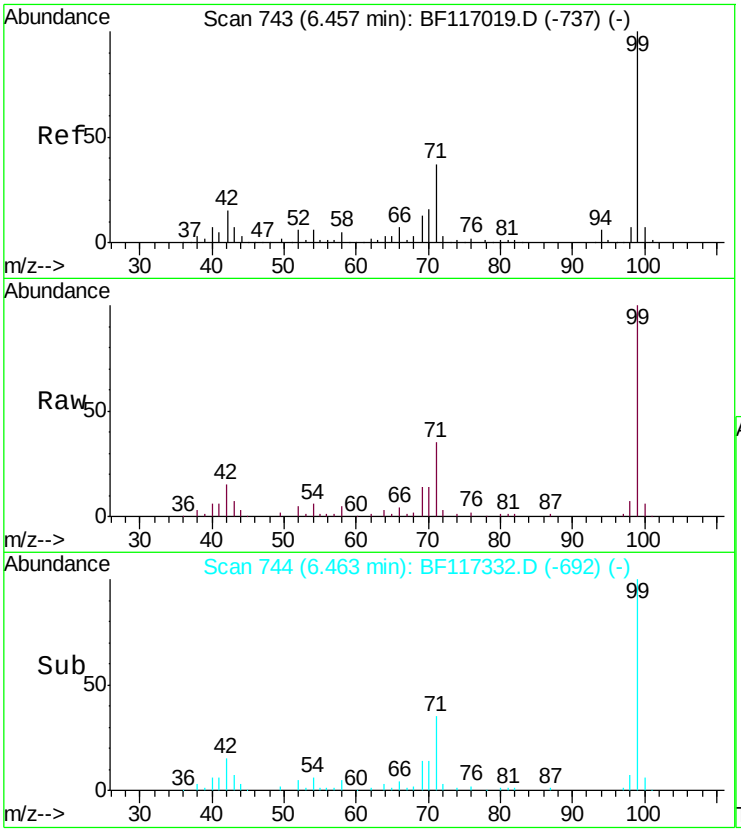




#5
2-Fluorophenol
Concen: 36.026 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:112 Resp: 116352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.4 | 45.7 | 68.5 |
| 63 | 30.0 | 24.9 | 37.3 |



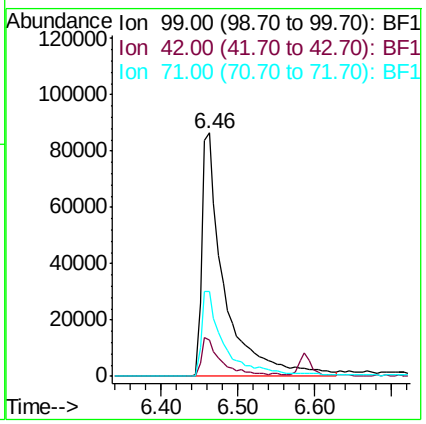


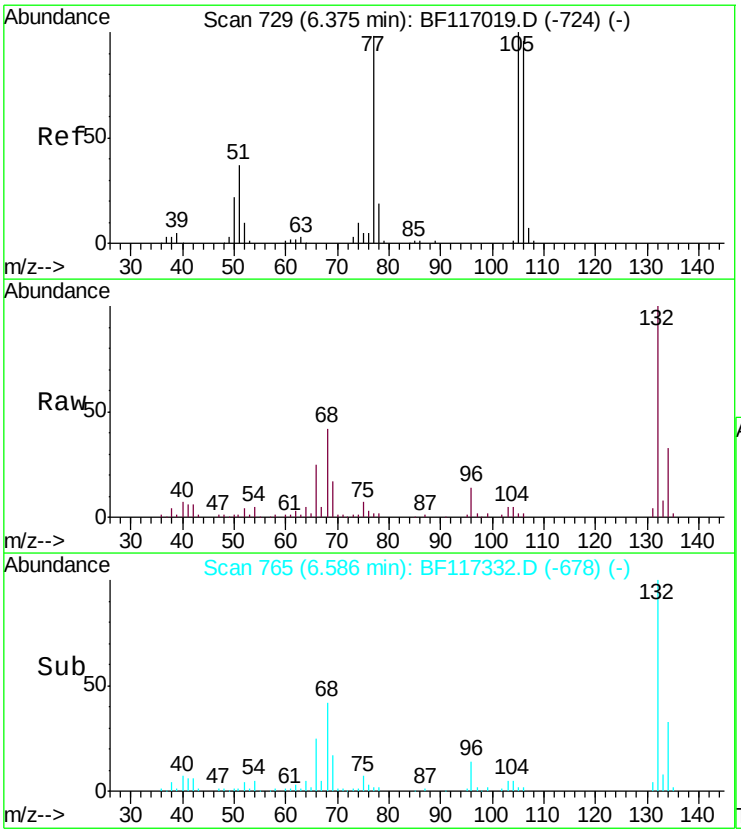

#7
Phenol-d6
Concen: 41.757 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion: 99 Resp: 174290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 12.2 | 18.2 |
| 71 | 35.1 | 29.8 | 44.8 |

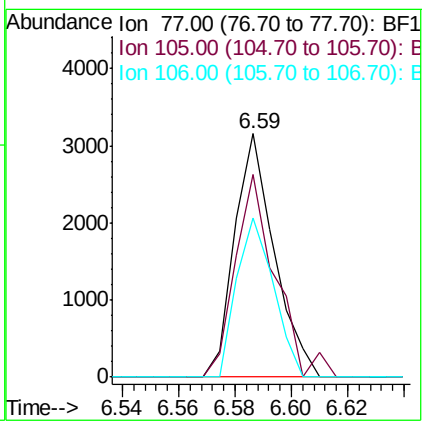


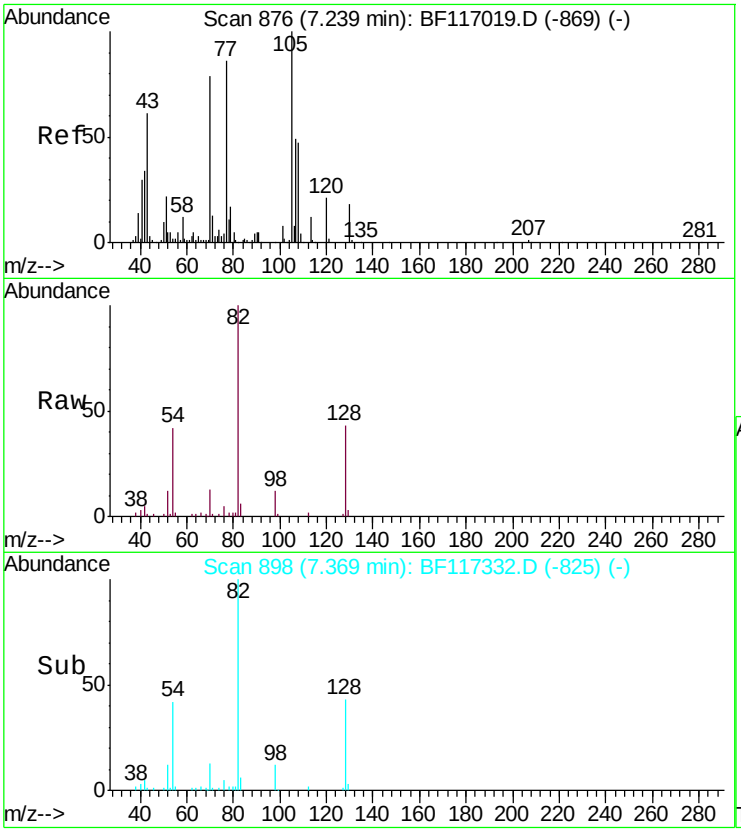




#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion: 77 Resp: 3075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 83.3 | 81.8 | 121.8 |
| 106 | 65.1 | 77.3 | 117.3# |



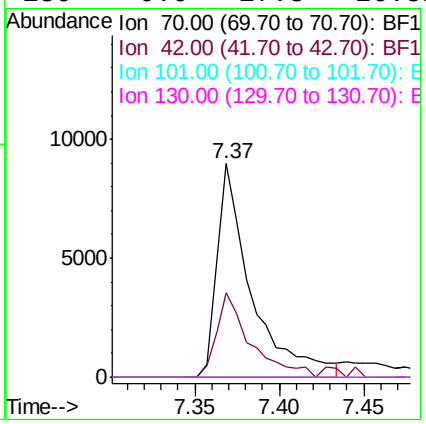


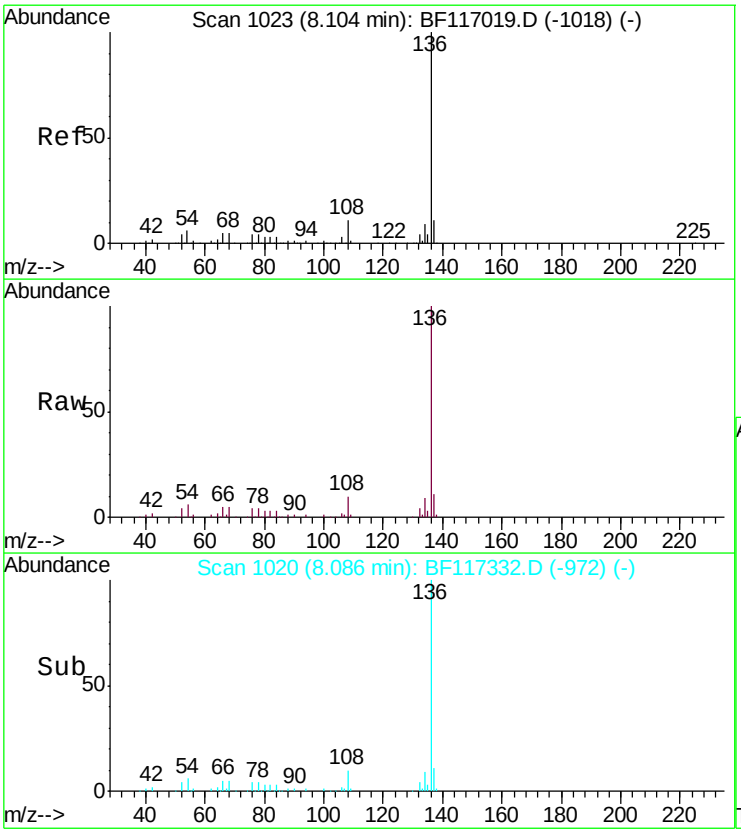

#19
n-Nitroso-di-n-propylamine
Concen: 5.024 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion: 70 Resp: 12770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 39.7 | 34.0 | 51.0 |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 0.0 | 17.8 | 26.8# |

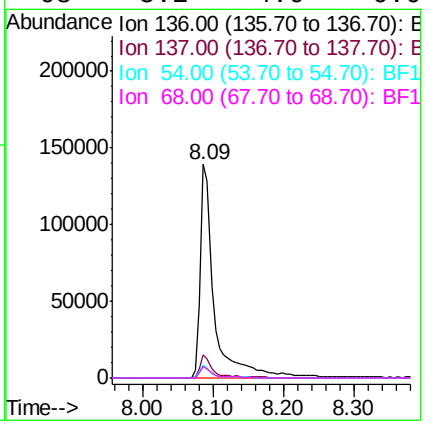


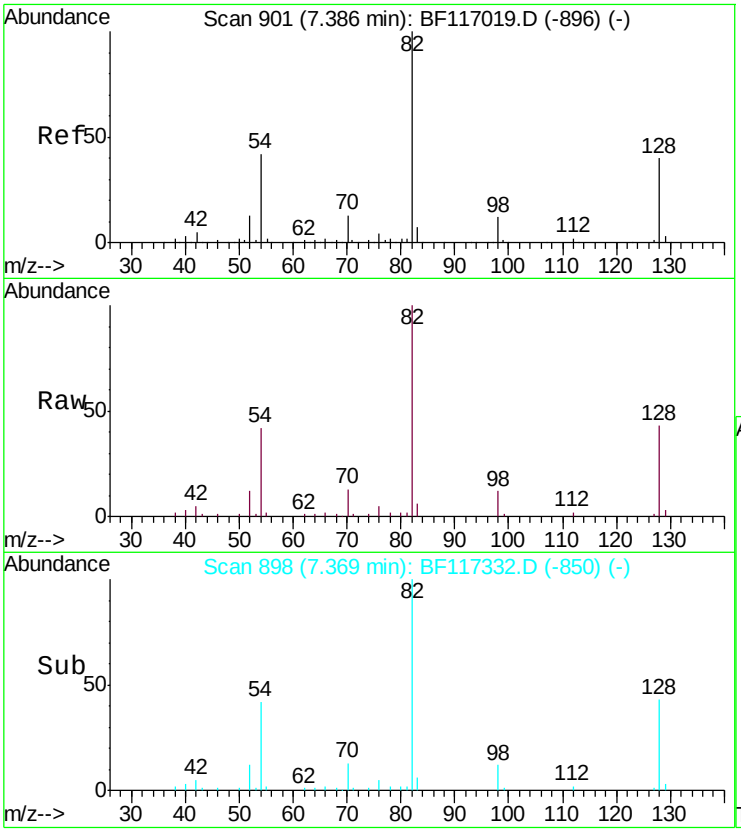




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:136 Resp: 197073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.0 | 13.4 |
| 54 | 5.9 | 4.5 | 6.7 |
| 68 | 5.2 | 4.0 | 6.0 |



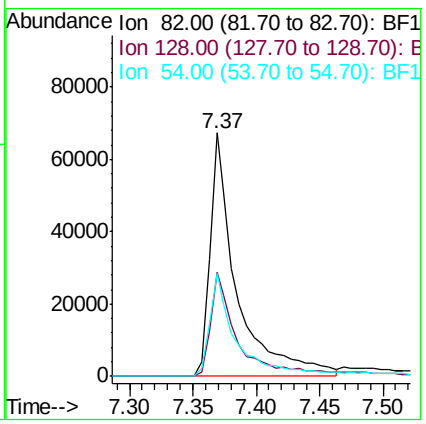


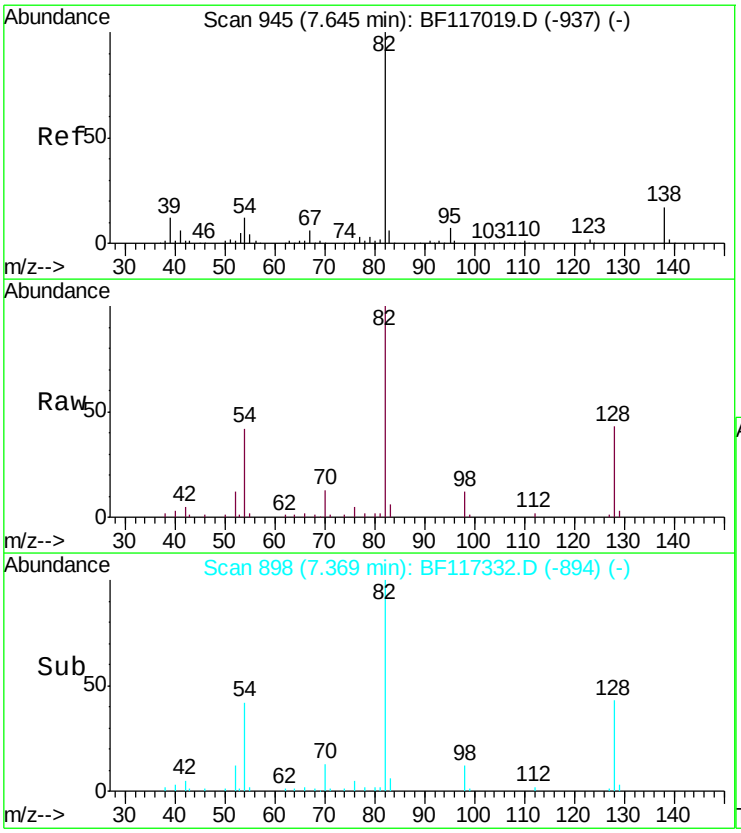

#23
Nitrobenzene-d5
Concen: 26.419 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion: 82 Resp: 99092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 32.3 | 48.5 |
| 54 | 42.0 | 33.3 | 49.9 |

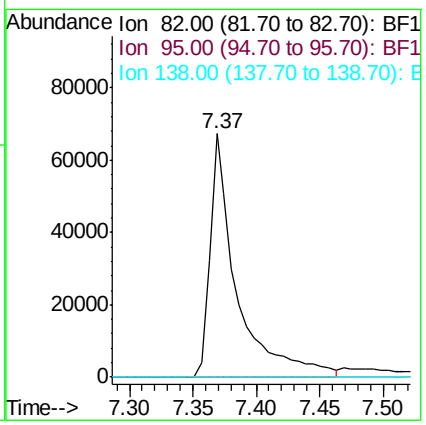


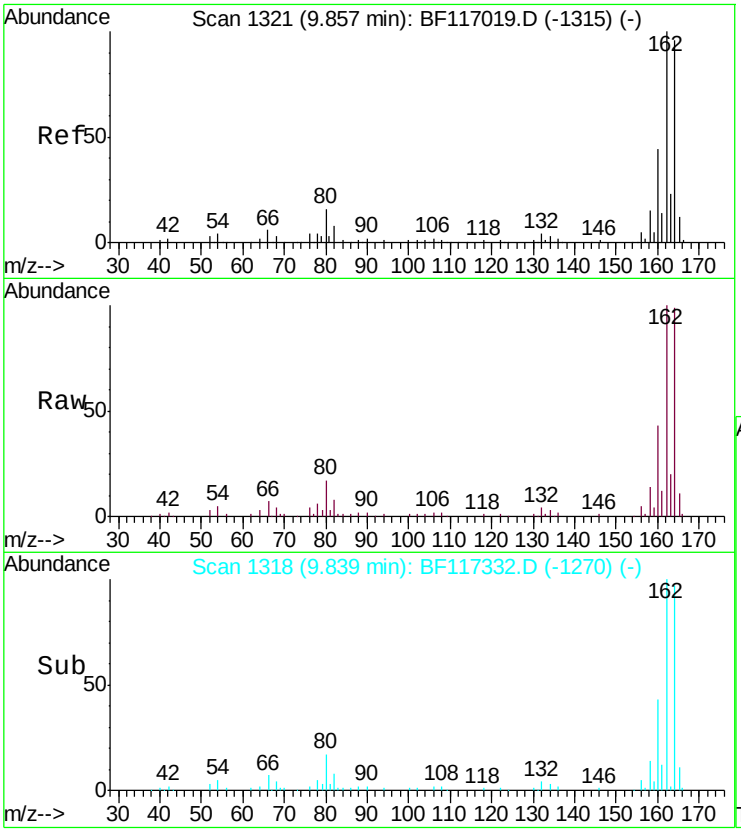




#25
Isophorone
Concen: 14.921 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion: 82 Resp: 99092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.6# |
| 138 | 0.0 | 13.5 | 20.3# |



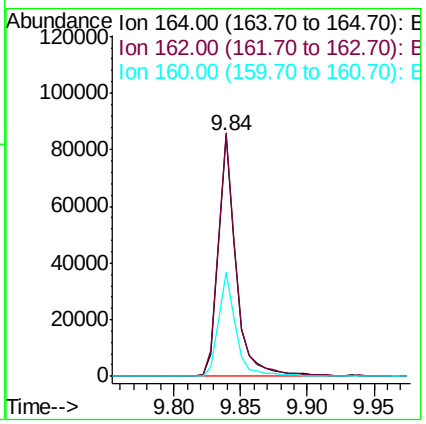


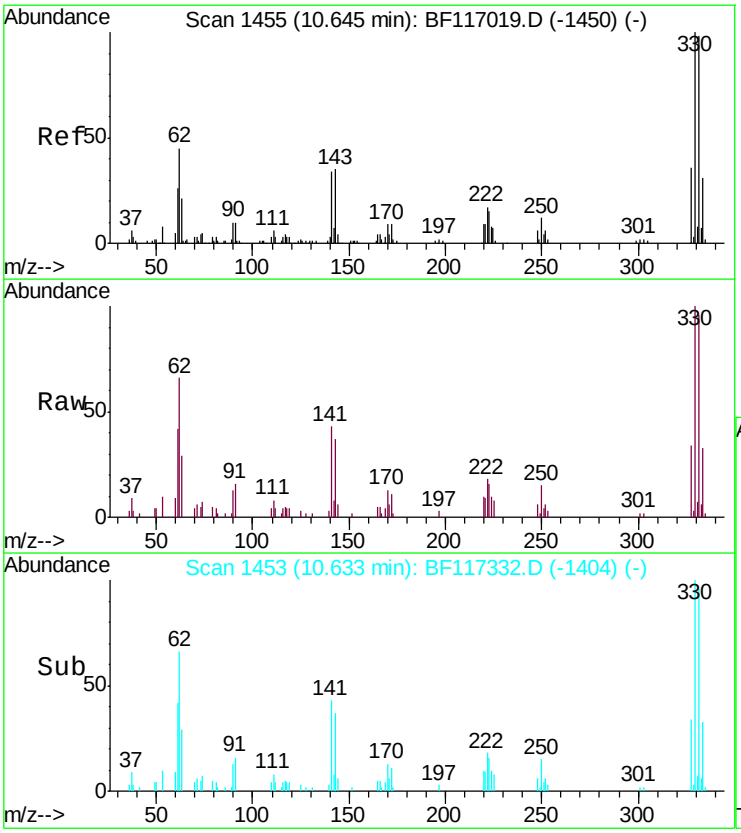

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:164 Resp: 80149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 83.4 | 125.2 |
| 160 | 43.1 | 36.4 | 54.6 |

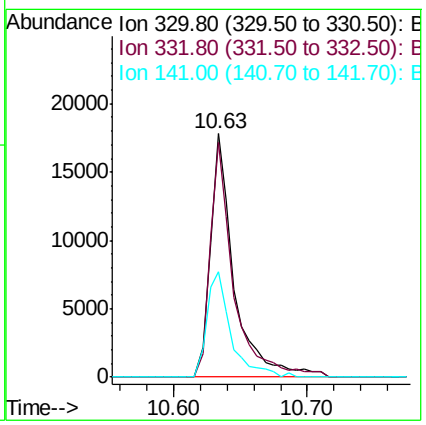


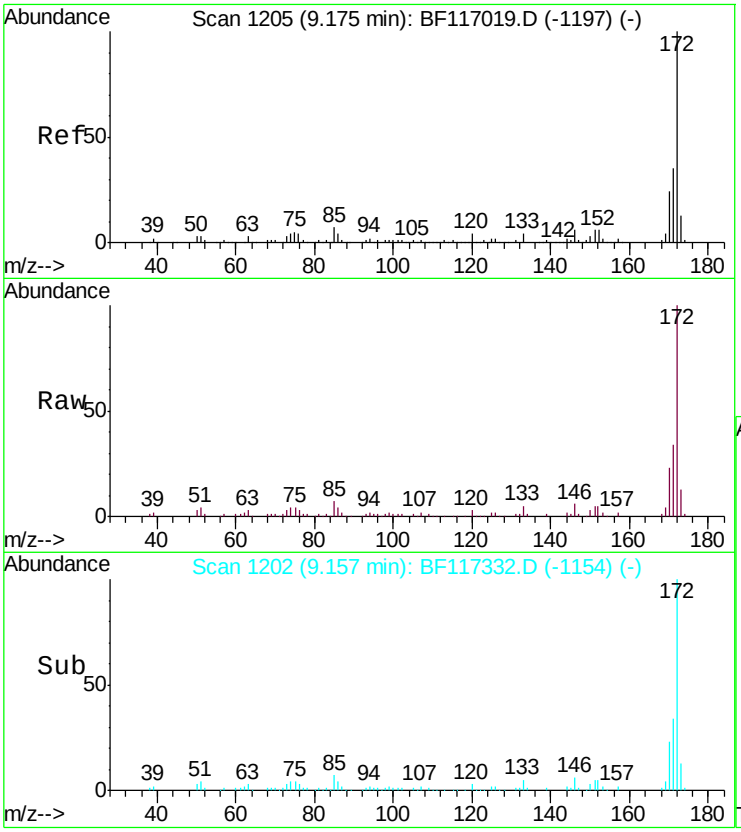




#42
2,4,6-Tribromophenol
Concen: 33.104 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:330 Resp: 22175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 78.0 | 117.0 |
| 141 | 44.0 | 35.8 | 53.6 |



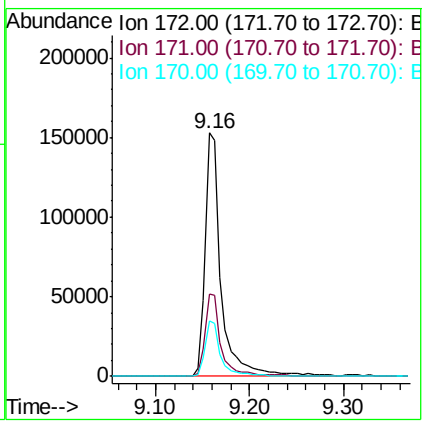


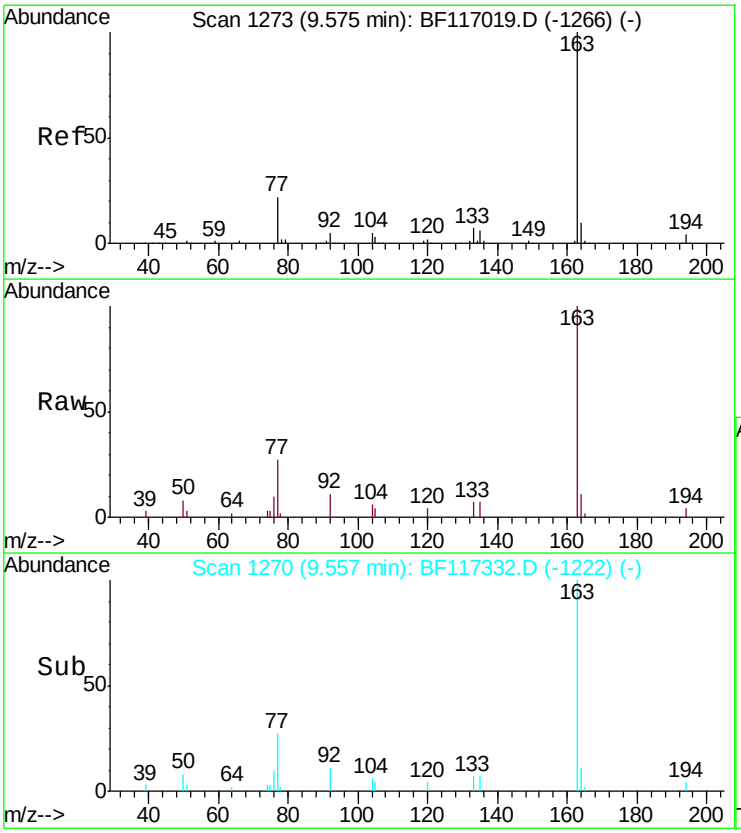

#45
2-Fluorobiphenyl
Concen: 35.752 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:172 Resp: 183265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.0 | 28.2 | 42.2 |
| 170 | 22.5 | 18.9 | 28.3 |

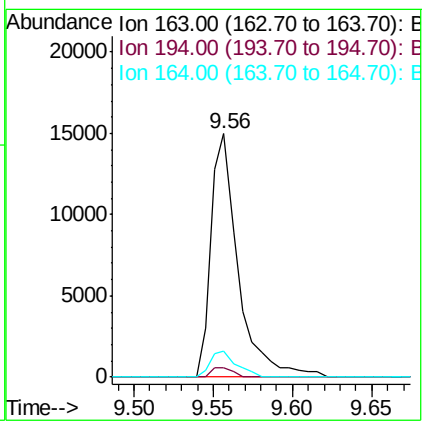


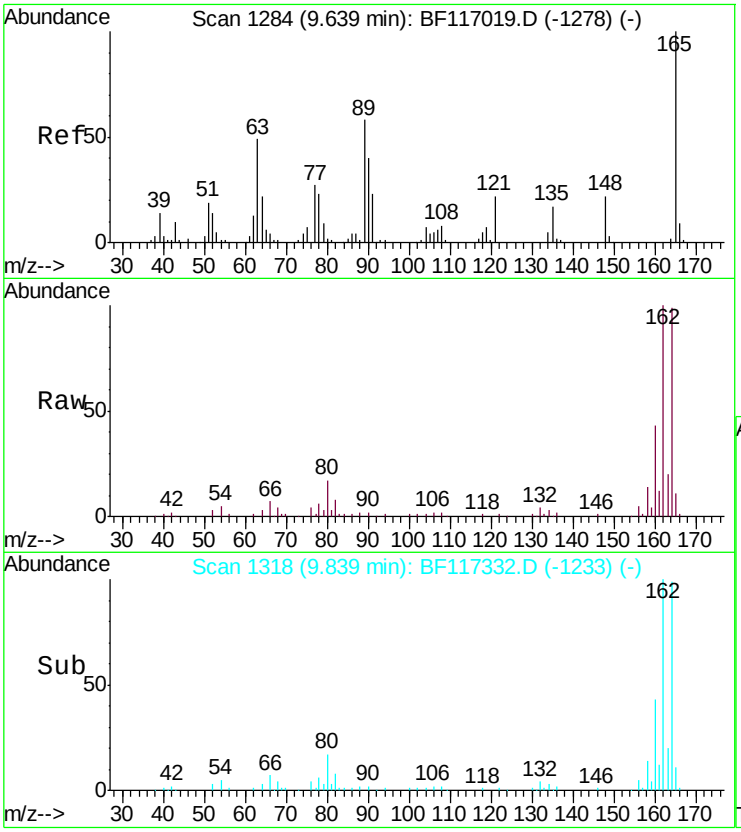




#50
Dimethylphthalate
Concen: 3.151 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:163 Resp: 17880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.9 | 4.3 |
| 164 | 10.7 | 8.2 | 12.4 |



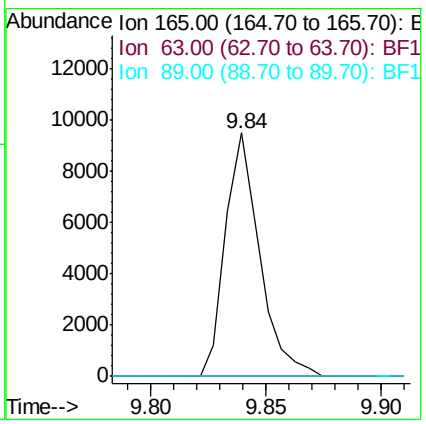


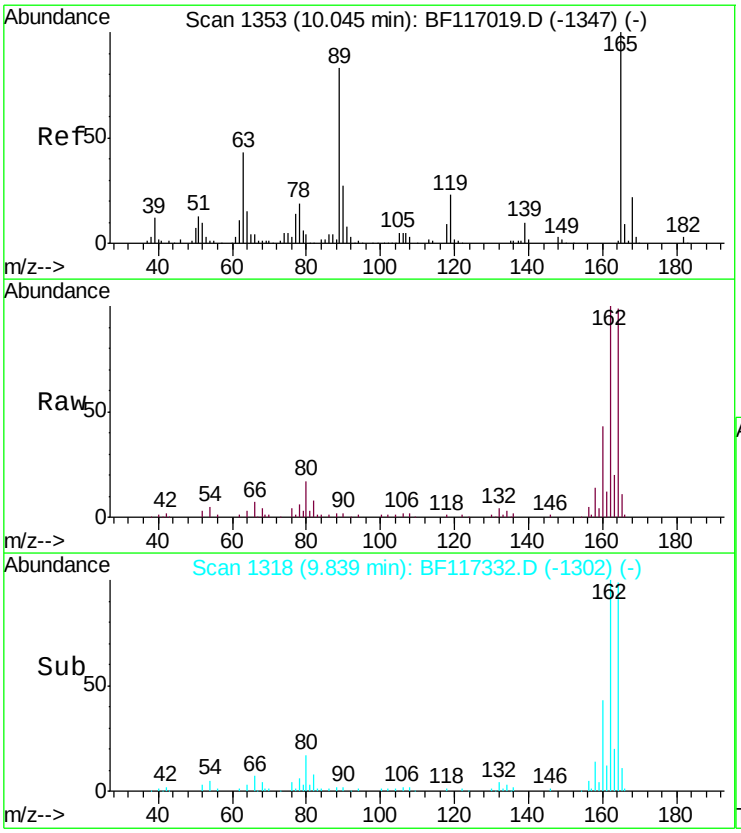

#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:165 Resp: 9855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 41.8 | 62.8# |
| 89 | 0.0 | 46.5 | 69.7# |

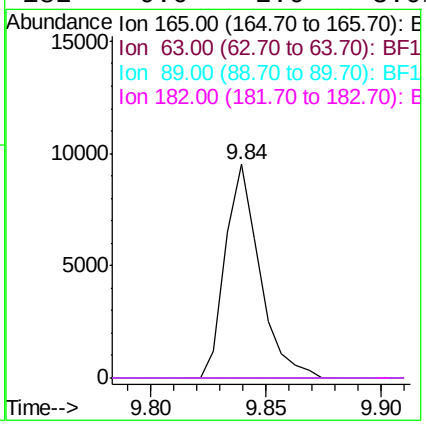


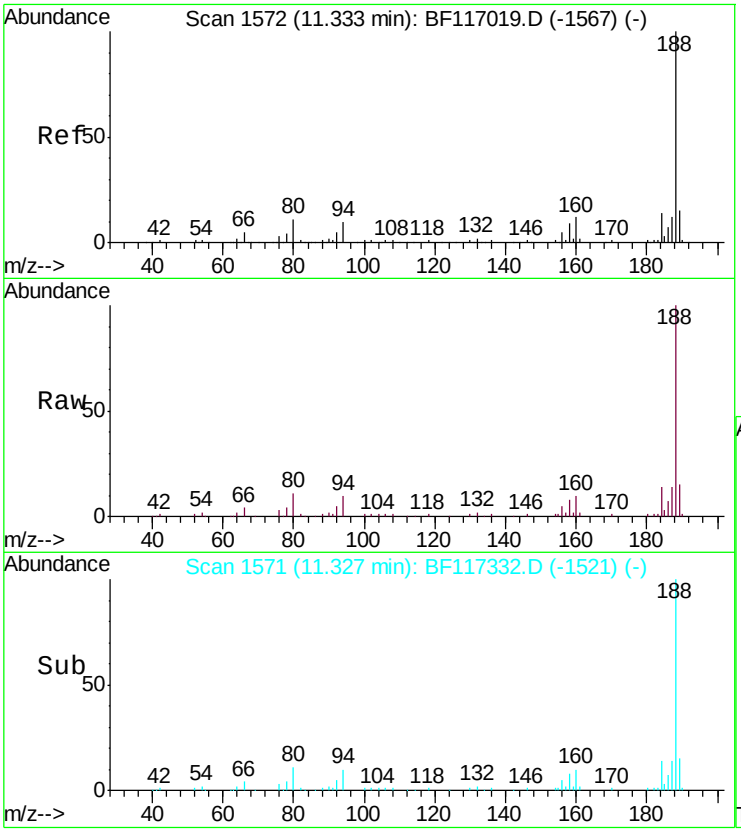




#57
2,4-Dinitrotoluene
Concen: 6.569 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:165 Resp: 9855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 35.0 | 52.4# |
| 89 | 0.0 | 66.1 | 99.1# |
| 182 | 0.0 | 2.0 | 3.0# |



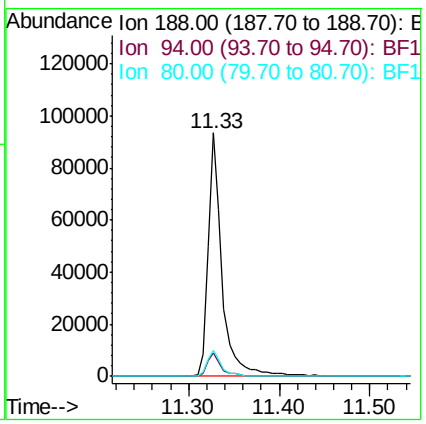


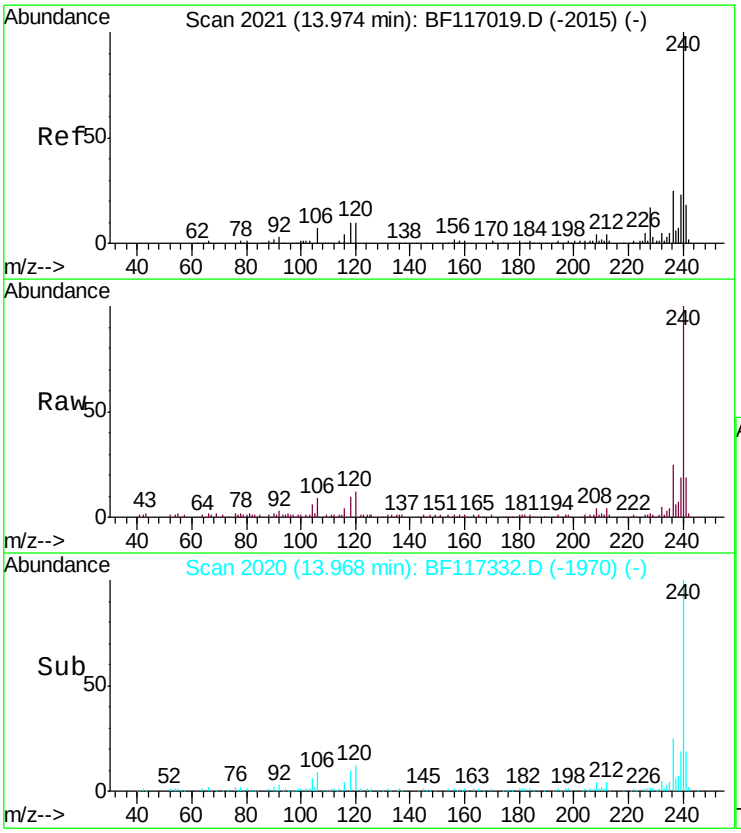

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:188 Resp: 101029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 8.2 | 12.2 |
| 80 | 10.8 | 9.0 | 13.6 |

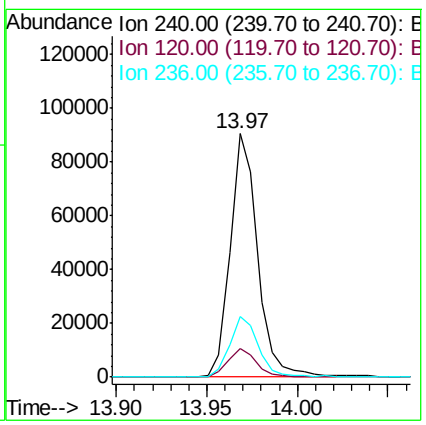


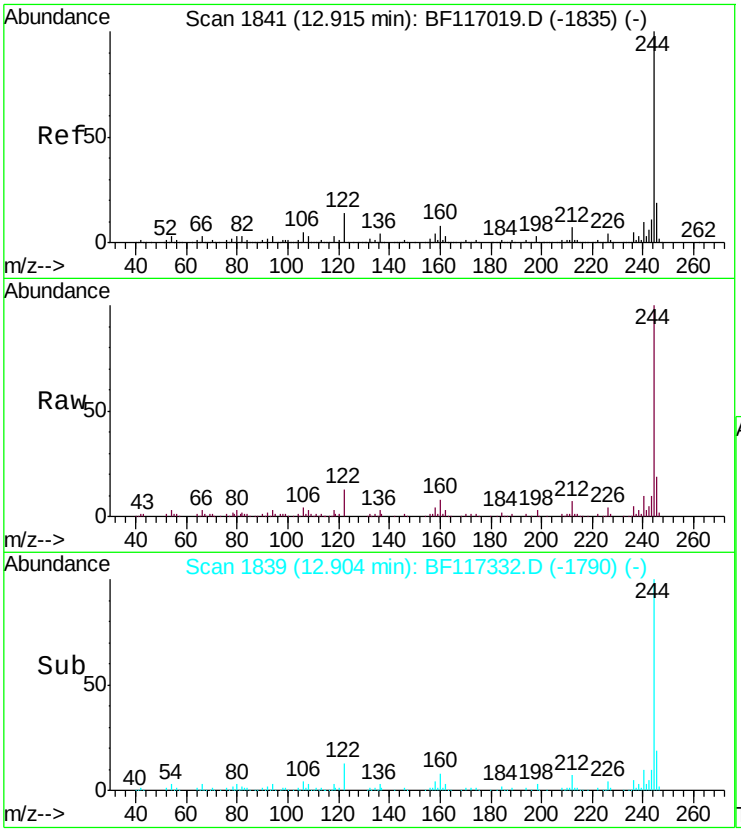




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:240 Resp: 95385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 8.3 | 12.5 |
| 236 | 24.7 | 20.3 | 30.5 |



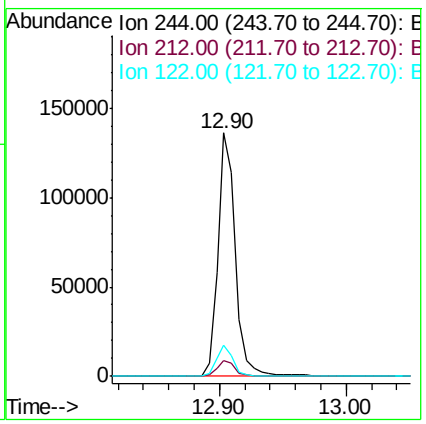


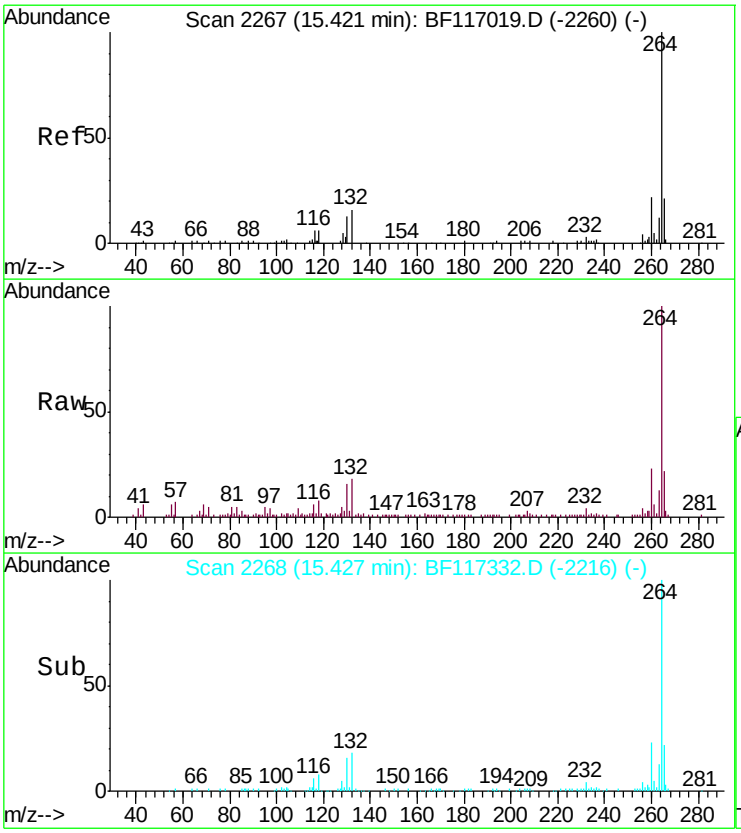

#79
Terphenyl-d14
Concen: 25.672 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:244 Resp: 131003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.8 | 8.8 |
| 122 | 12.9 | 11.3 | 16.9 |

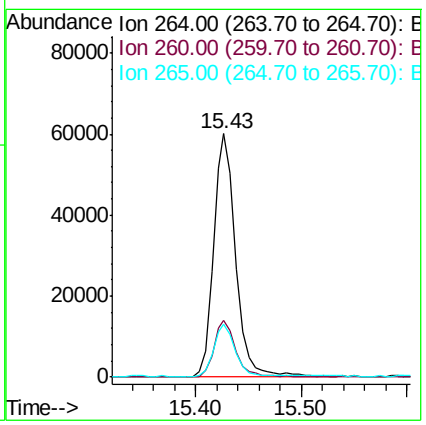


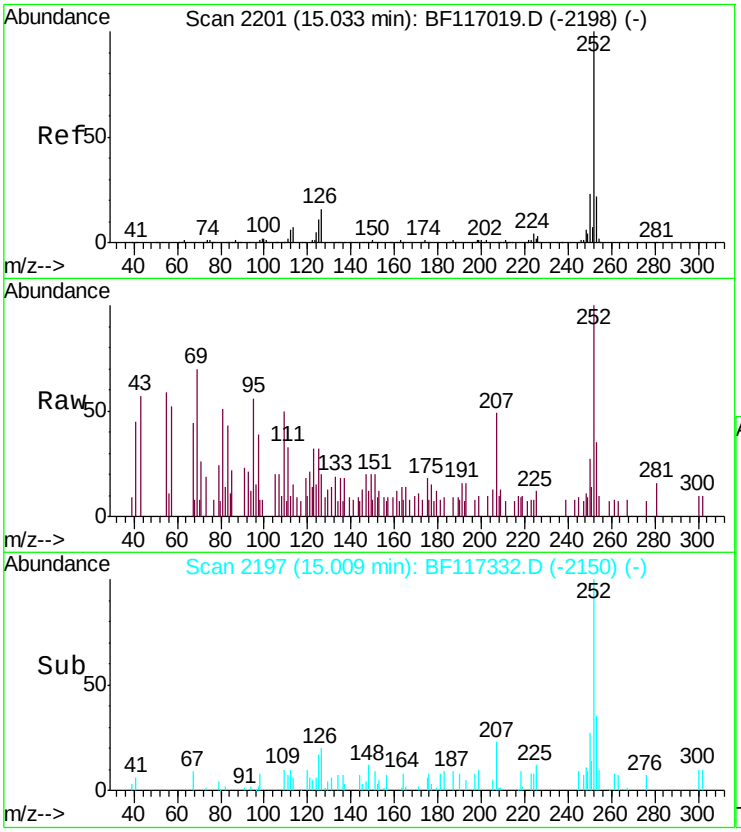




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

Tgt Ion:264 Resp: 87975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.6 | 26.4 |
| 265 | 22.0 | 16.6 | 24.8 |






#89
Benzo(k)fluoranthene
Concen: 2.021 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117332.D
Acq: 3 Oct 2019 22:25

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1ARE

Tgt Ion:252 Resp: 10203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.7 | 17.4 | 26.2# |
| 125 | 32.3 | 8.8 | 13.2# |