Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-031119-A

Quant Time: Mar 13 03:57:41 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 | 6.73 | 152 | 183603 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.01 | 136 | 640890 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 311513 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.24 | 188 | 501708 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.86 | 240 | 499634 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.27 | 264 | 458030 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 192225 | 16.29 | ng | -0.01 |
| 7) Phenol-d6 | 6.36 | 99 | 257905 | 17.39 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 135588 | 12.66 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 61764 | 18.68 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.09 | 172 | 292945 | 11.54 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.82 | 244 | 228511 | 8.87 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Isophorone | 7.29 | 82 | 135587 | 5.876 | ng | # 66 |
| 51) 2,6-Dinitrotoluene | 9.76 | 165 | 40791 | 8.528 | ng | # 18 |
| 57) 2,4-Dinitrotoluene | 9.76 | 165 | 40908 | 6.880 | ng | # 18 |

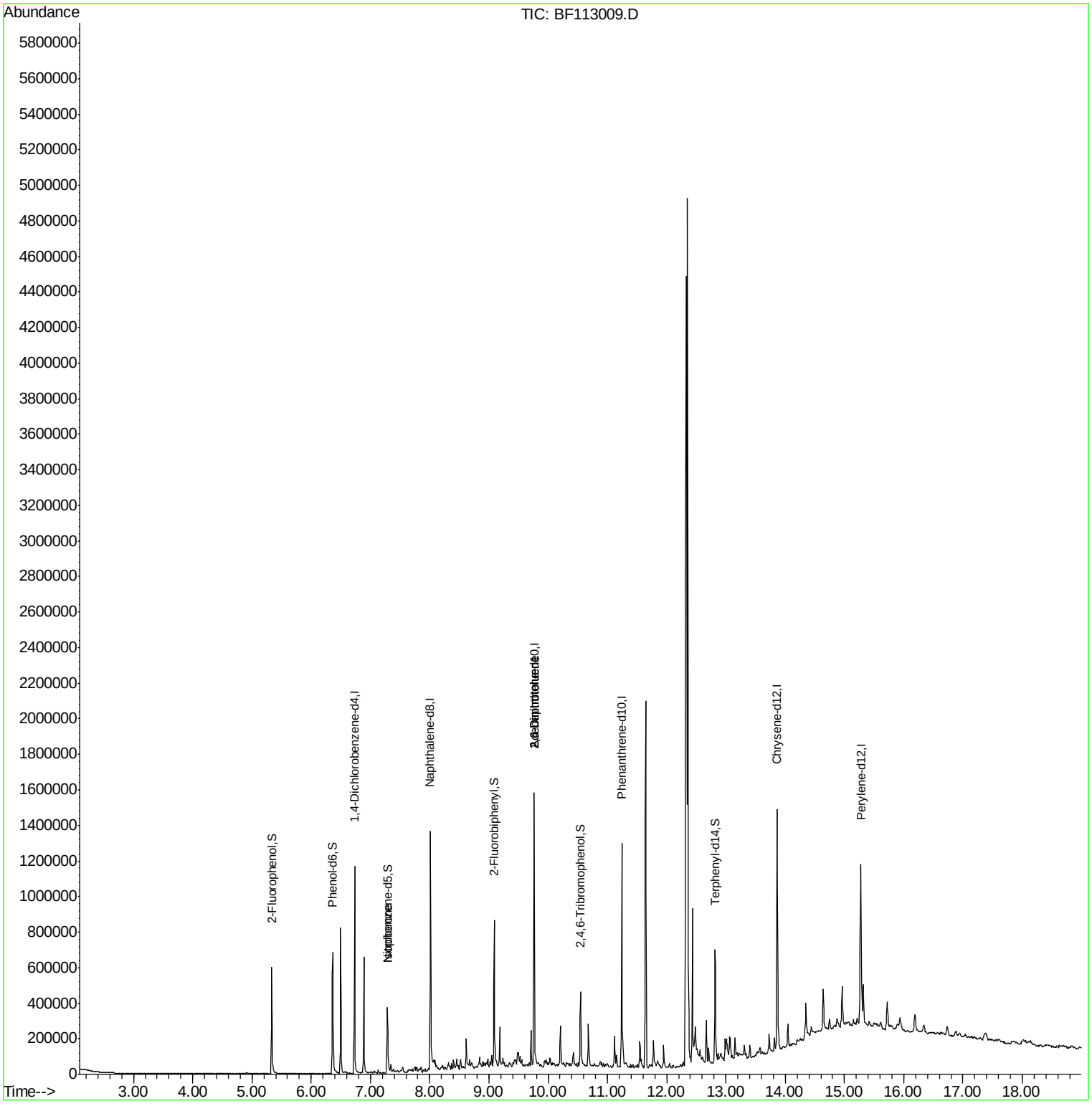
(#) = qualifier out of range (m) = manual integration (+) = signals summed

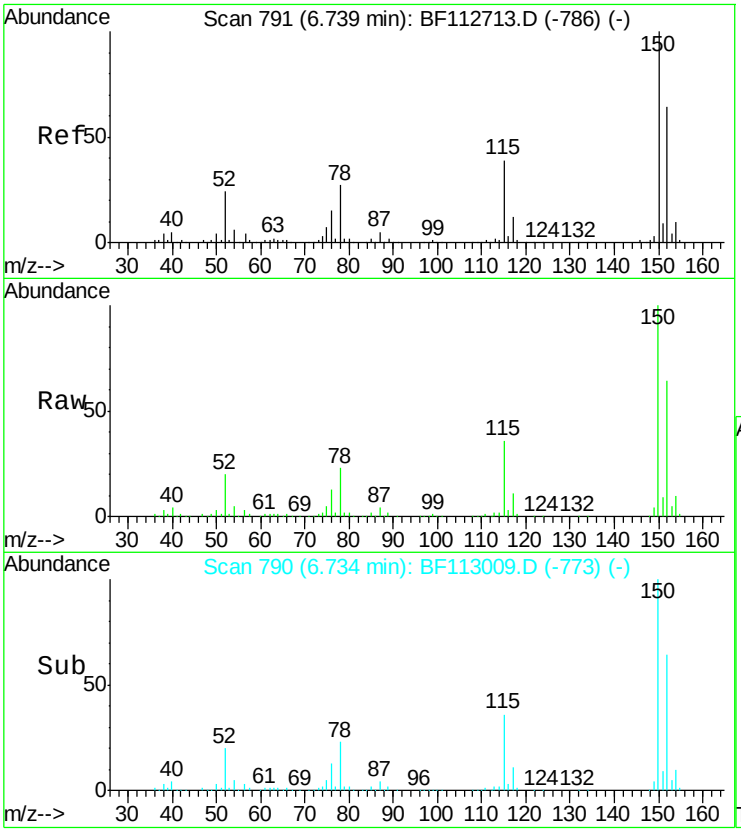
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113009.D
Acq On : 12 Mar 2019 18:10
Operator : JU/SJ
Sample : K1697-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Quant Time: Mar 13 03:57:41 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



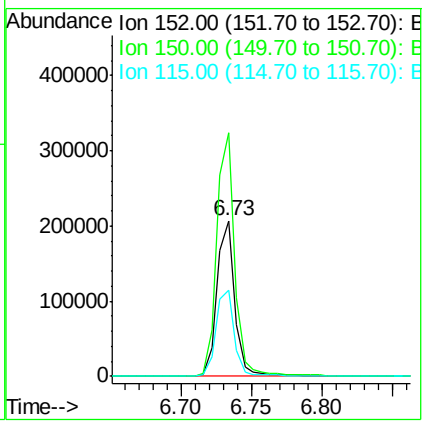


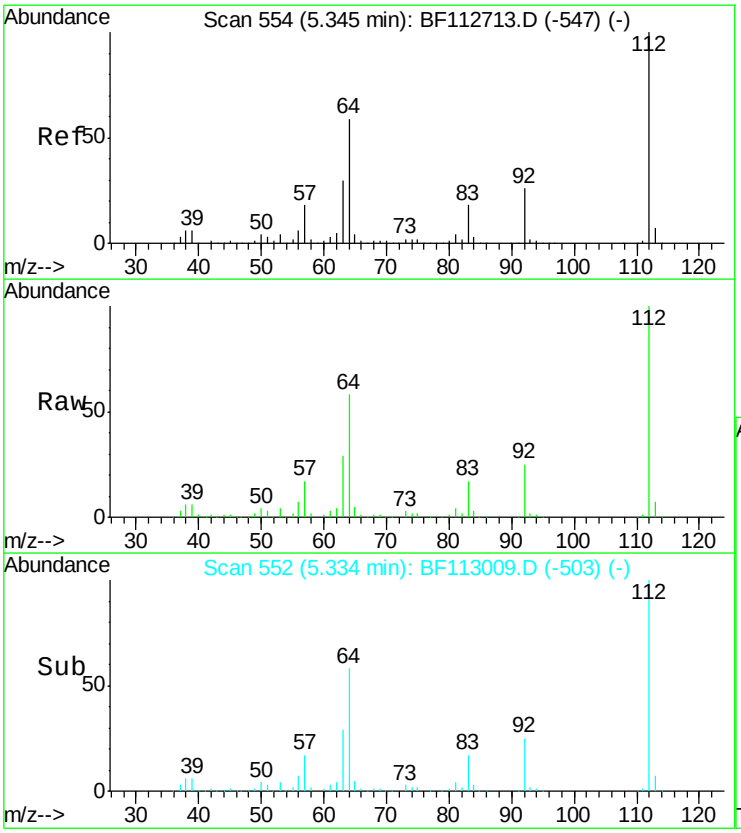

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:152 Resp: 183603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 124.2 | 186.2 |
| 115 | 55.6 | 48.2 | 72.4 |

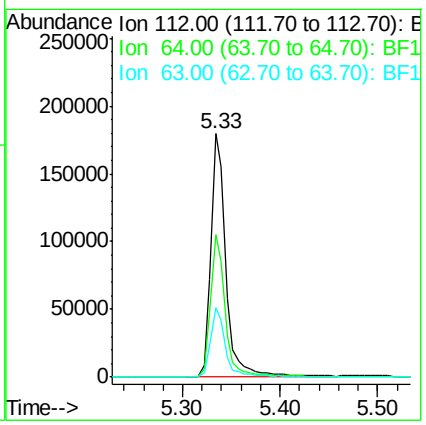


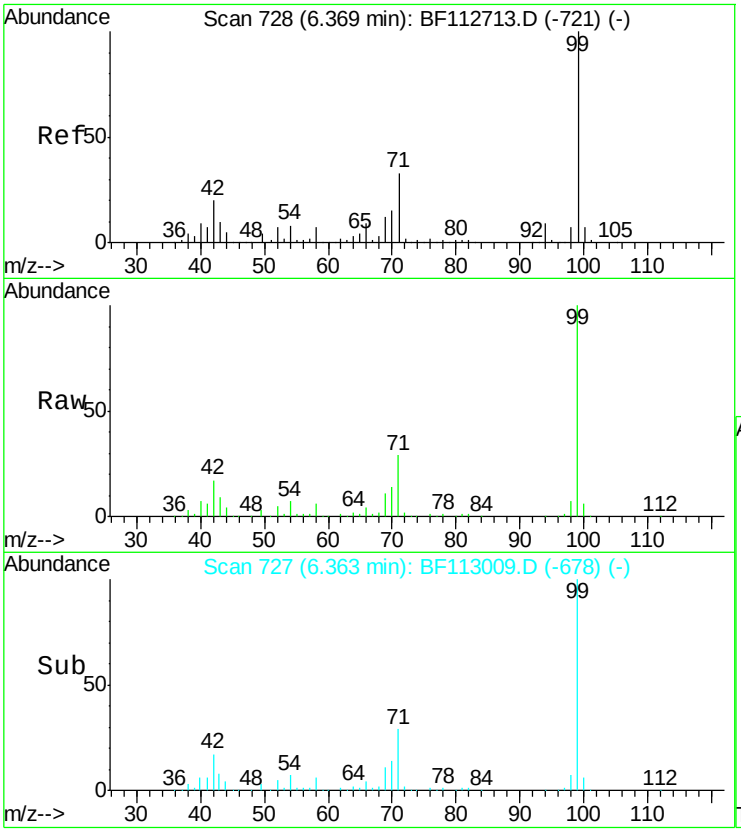




#5
2-Fluorophenol
Concen: 16.286 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:112 Resp: 192225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.4 | 47.6 | 71.4 |
| 63 | 28.8 | 24.4 | 36.6 |



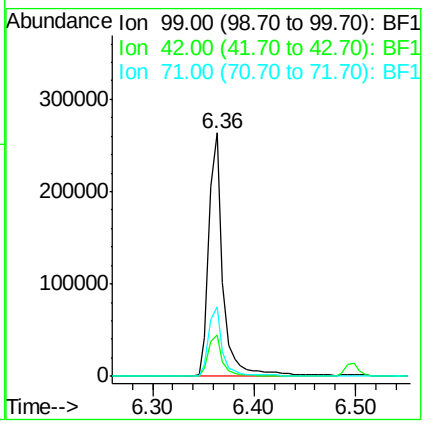


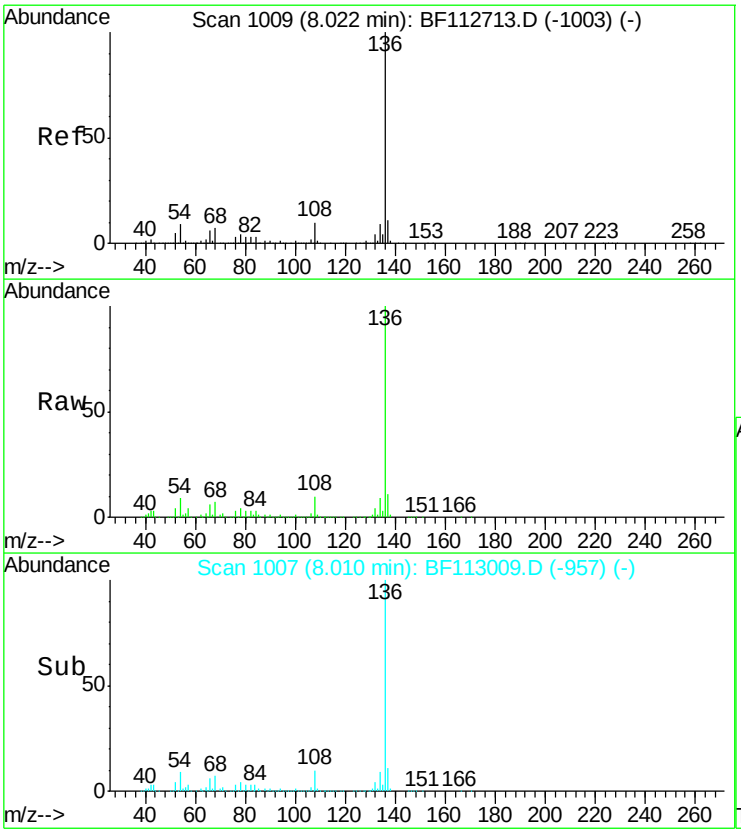

#7
Phenol-d6
Concen: 17.395 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion: 99 Resp: 257905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 16.3 | 24.5 |
| 71 | 28.8 | 26.2 | 39.4 |

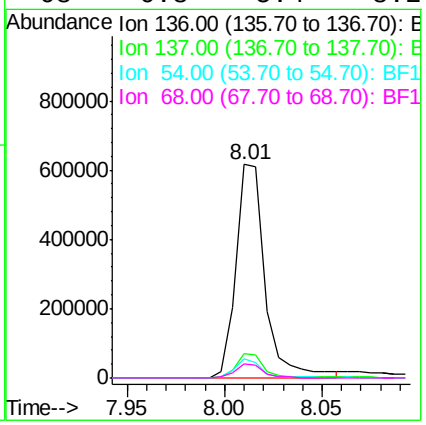


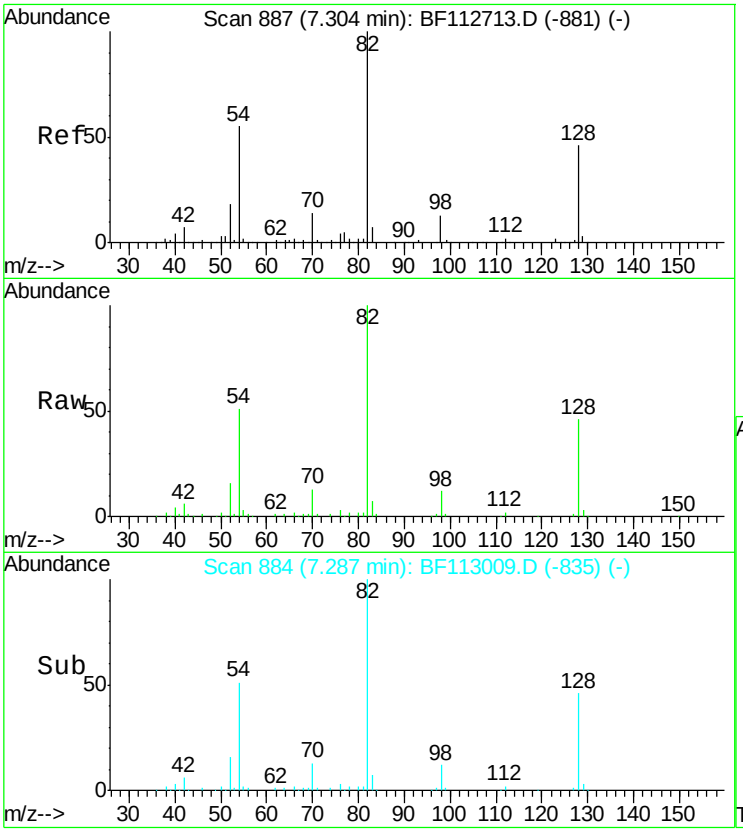




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:136 Resp: 640890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 8.8 | 7.3 | 10.9 |
| 68 | 6.8 | 5.4 | 8.2 |



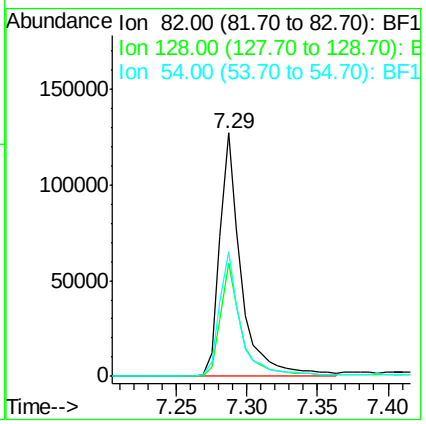


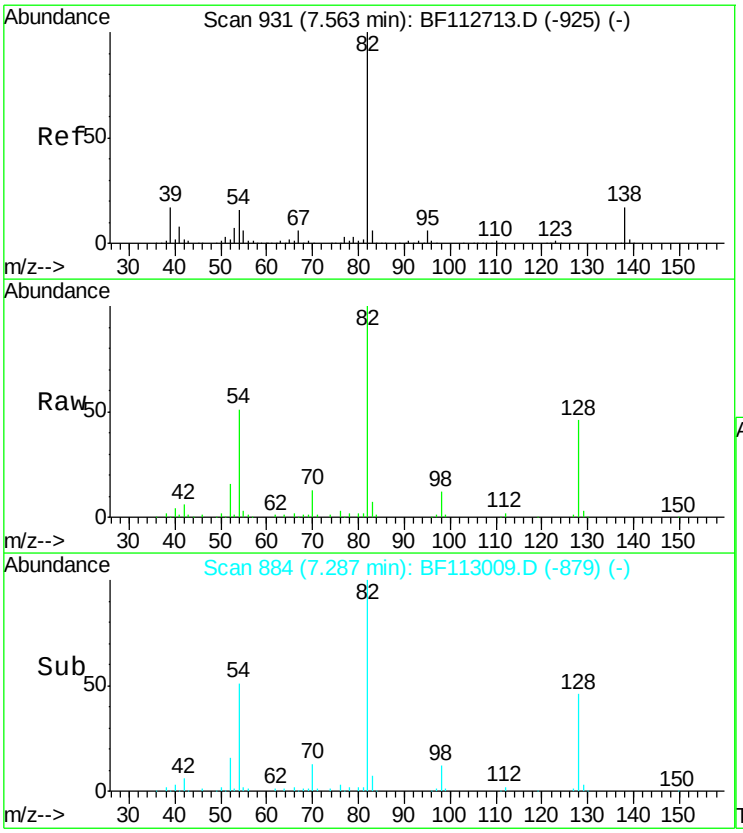

#23
Nitrobenzene-d5
Concen: 12.659 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion: 82 Resp: 135588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.5 | 36.3 | 54.5 |
| 54 | 51.0 | 43.7 | 65.5 |

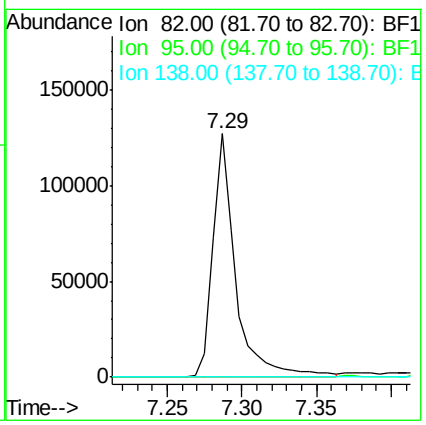


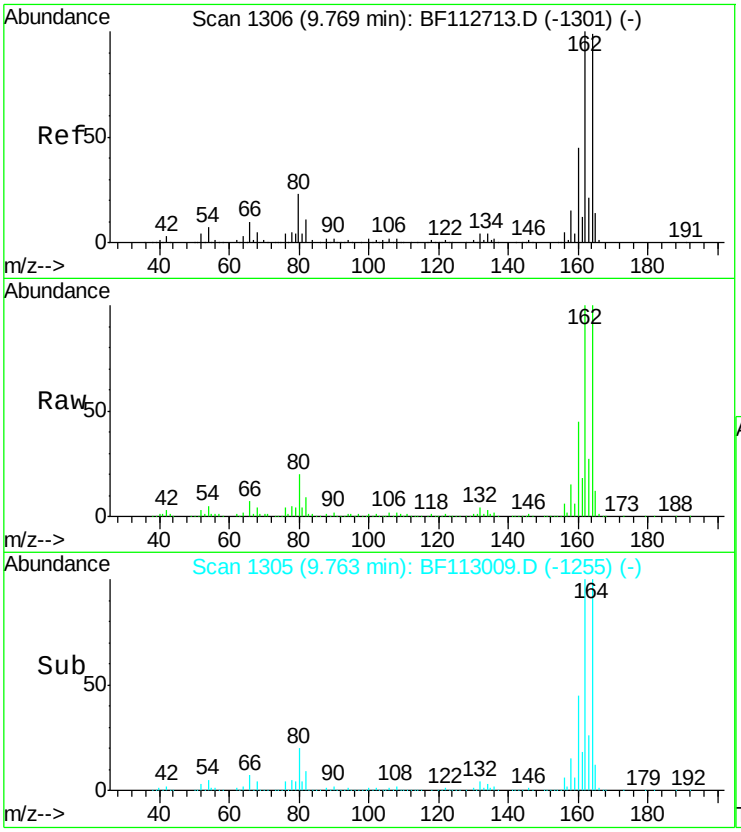




#25
Isophorone
Concen: 5.876 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion: 82 Resp: 135587

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



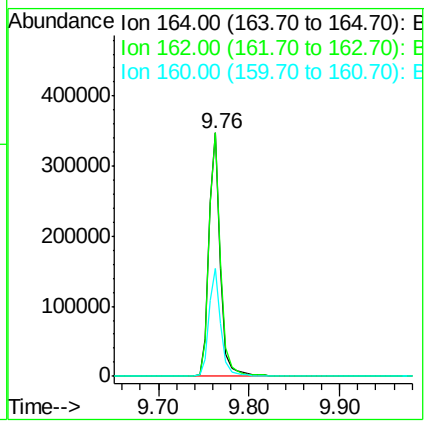


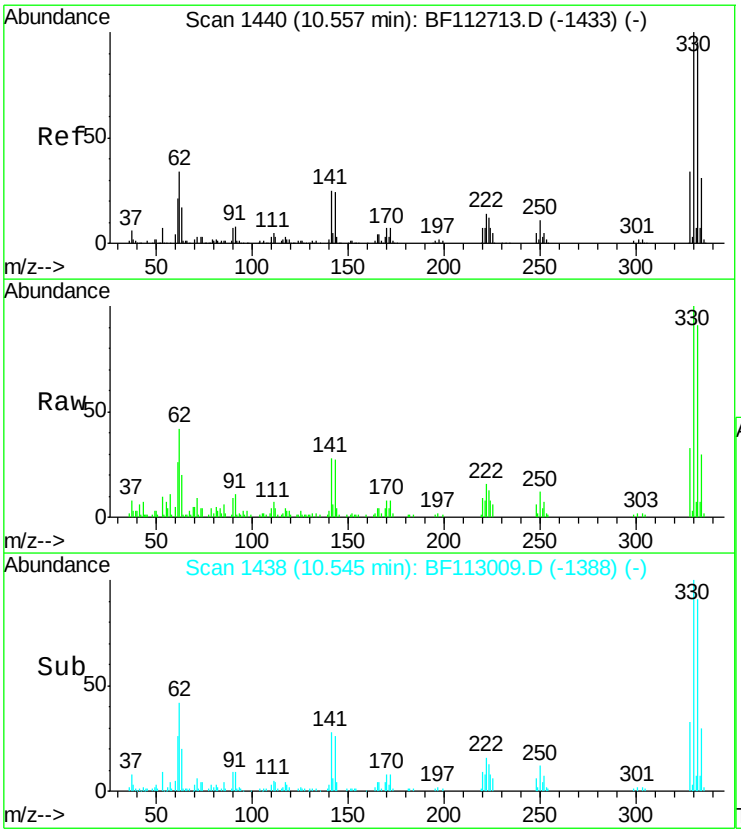

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:164 Resp: 311513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.6 | 120.8 |
| 160 | 44.6 | 36.0 | 54.0 |

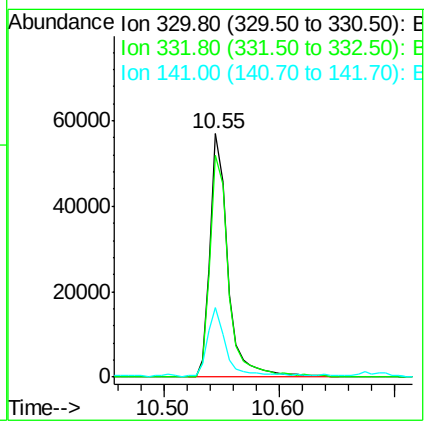


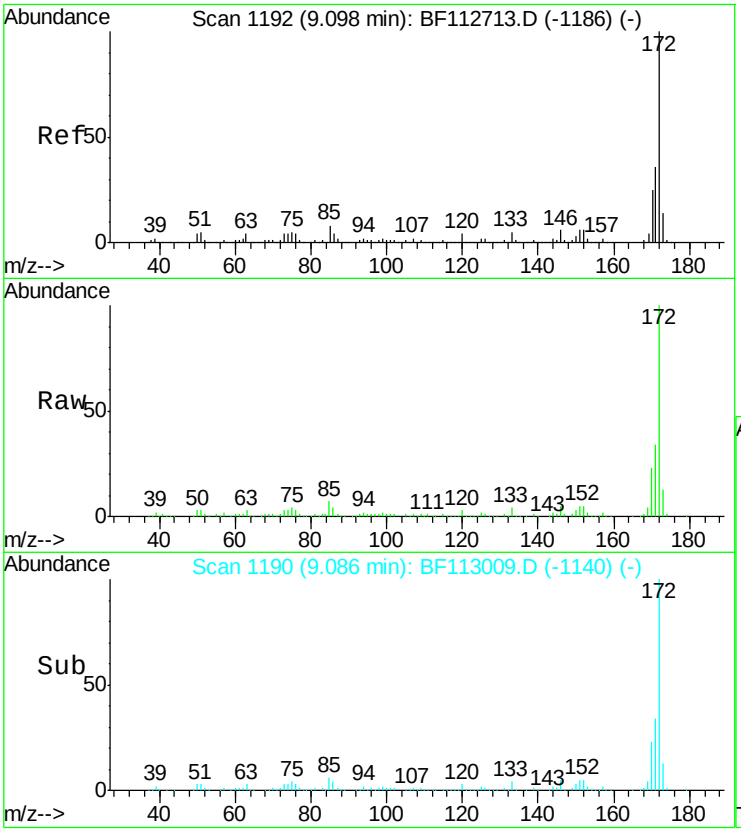




#42
2,4,6-Tribromophenol
Concen: 18.676 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:330 Resp: 61764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 76.2 | 114.4 |
| 141 | 29.3 | 27.0 | 40.6 |



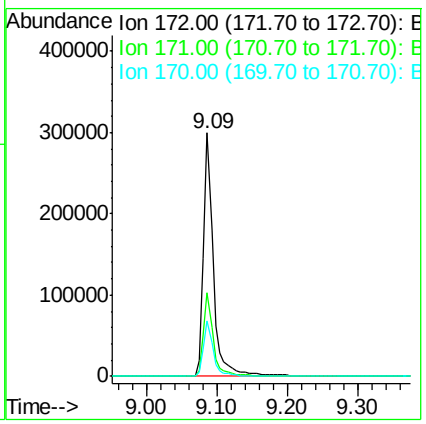


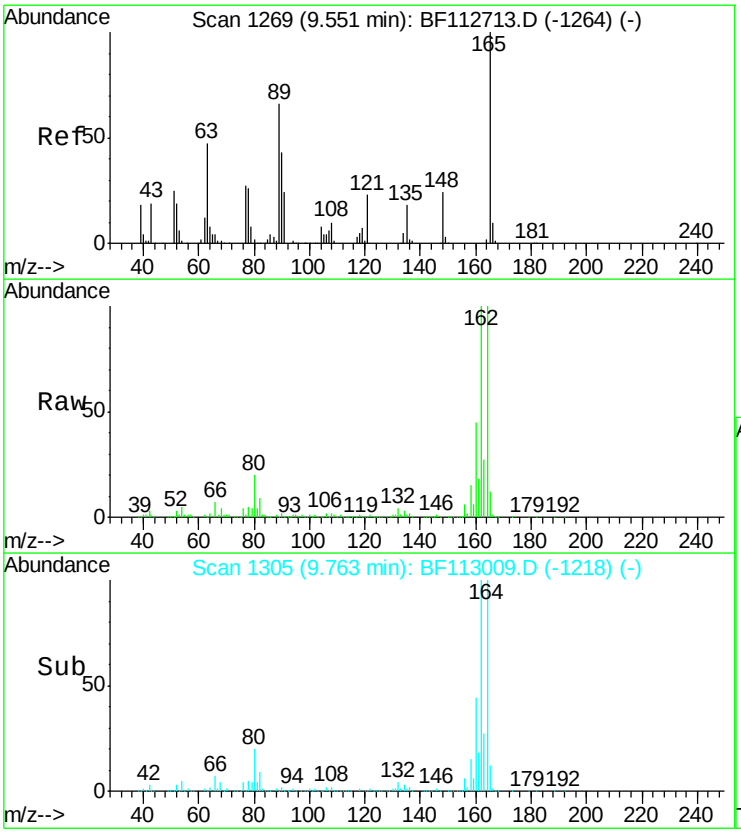

#45
2-Fluorobiphenyl
Concen: 11.538 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:172 Resp: 292945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.3 | 29.0 | 43.4 |
| 170 | 22.9 | 20.0 | 30.0 |

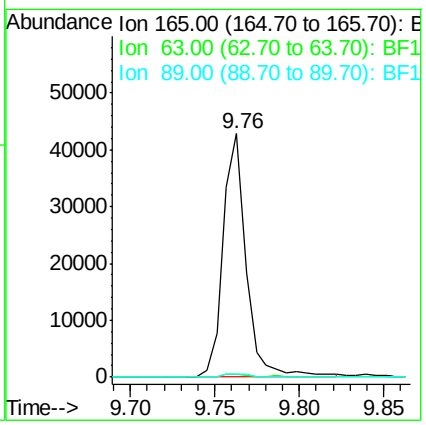


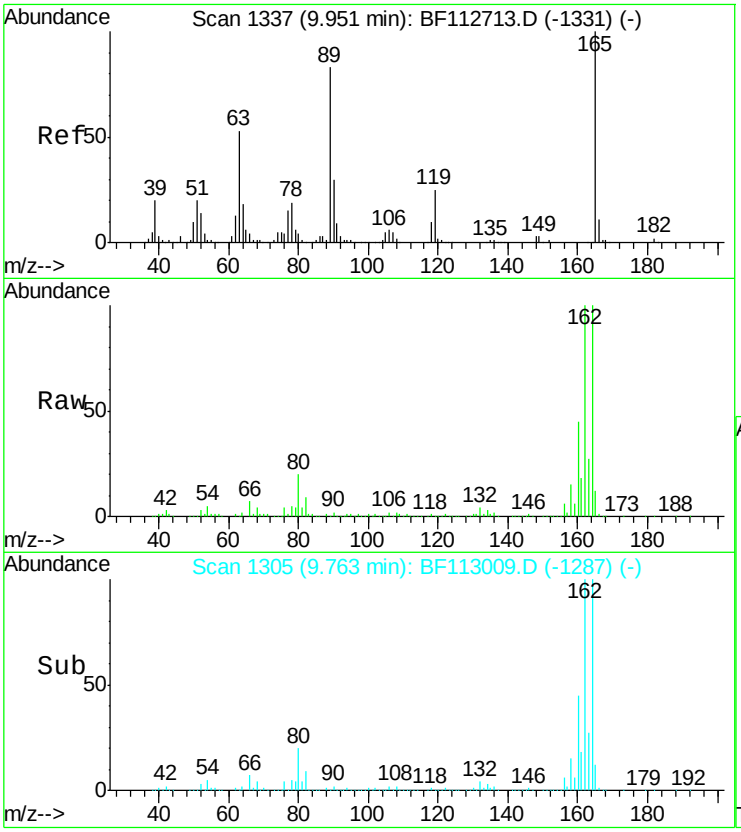




#51
2,6-Dinitrotoluene
Concen: 8.528 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:165 Resp: 40791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 54.1 | 81.1# |
| 89 | 1.4 | 52.8 | 79.2# |



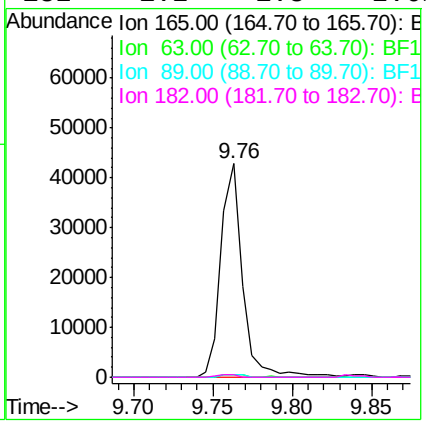


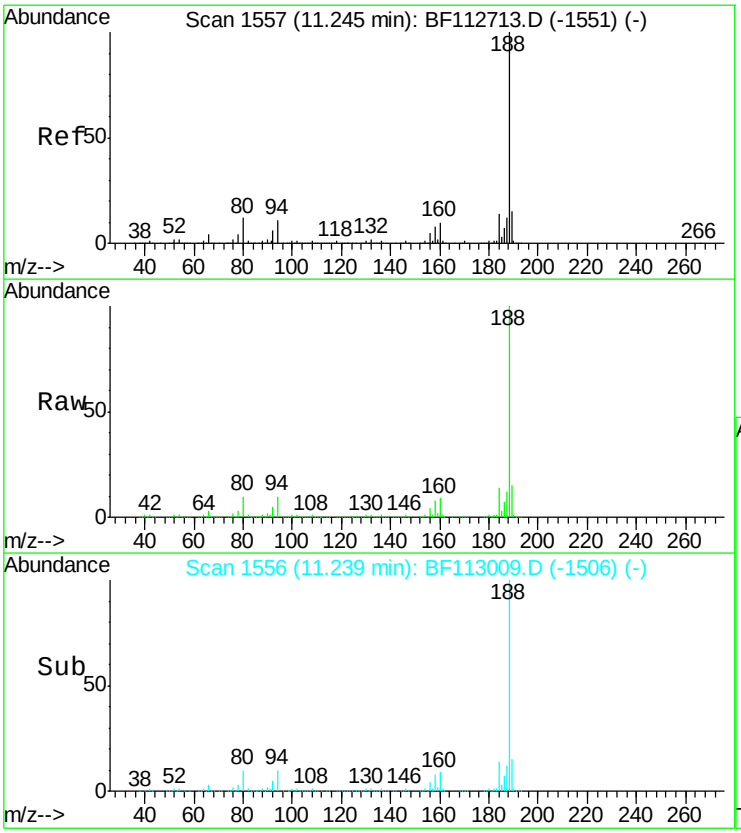

#57
2,4-Dinitrotoluene
Concen: 6.880 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:165 Resp: 40908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 42.2 | 63.2# |
| 89 | 1.4 | 66.2 | 99.4# |
| 182 | 1.2 | 1.8 | 2.6# |

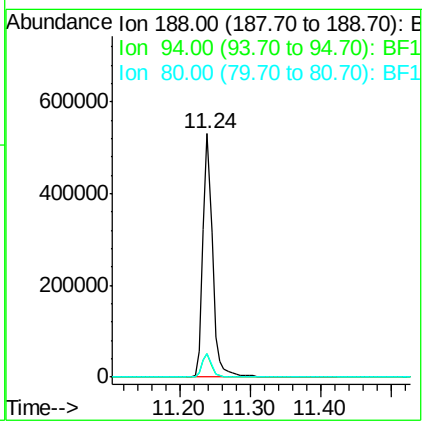


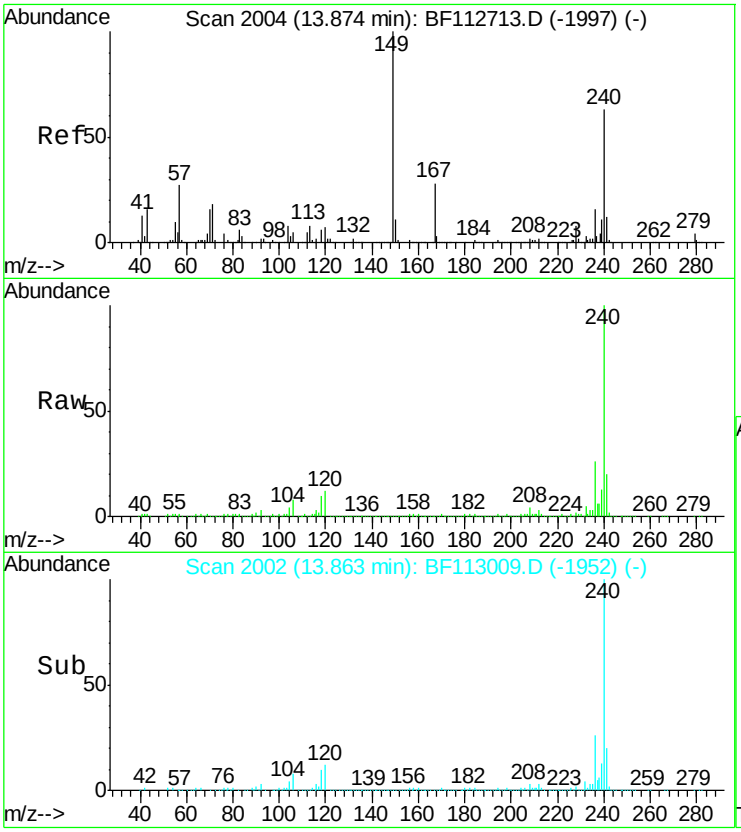




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:188 Resp: 501708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 9.0 | 13.4 |
| 80 | 9.9 | 9.2 | 13.8 |



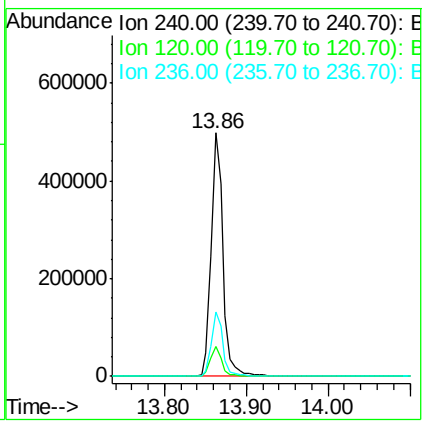


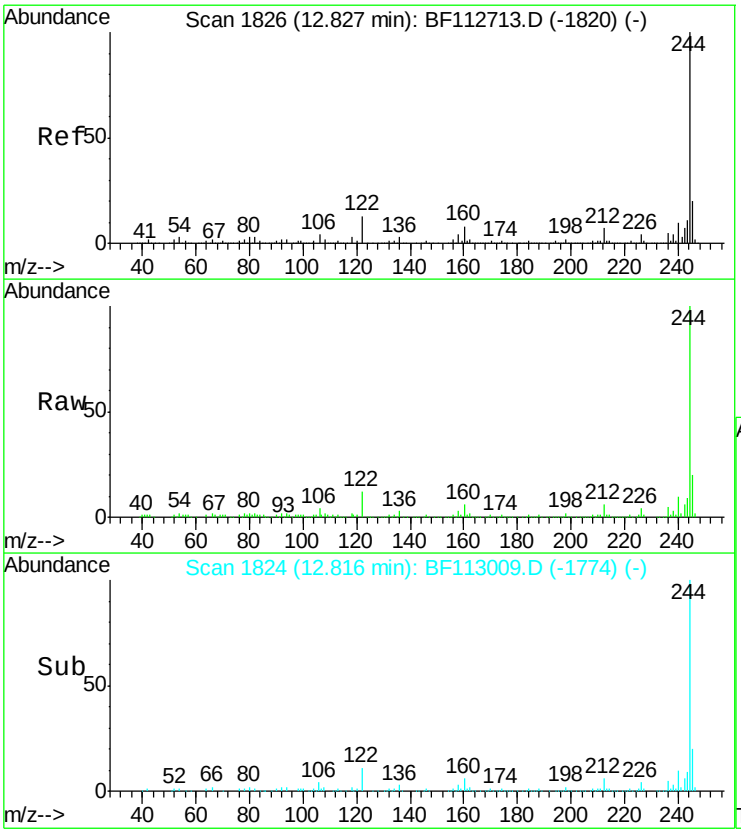

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:240 Resp: 499634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 8.9 | 13.3 |
| 236 | 26.2 | 20.7 | 31.1 |

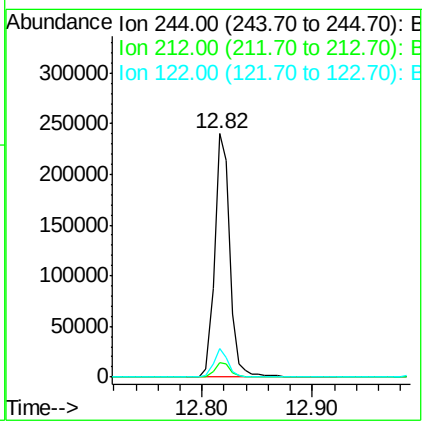


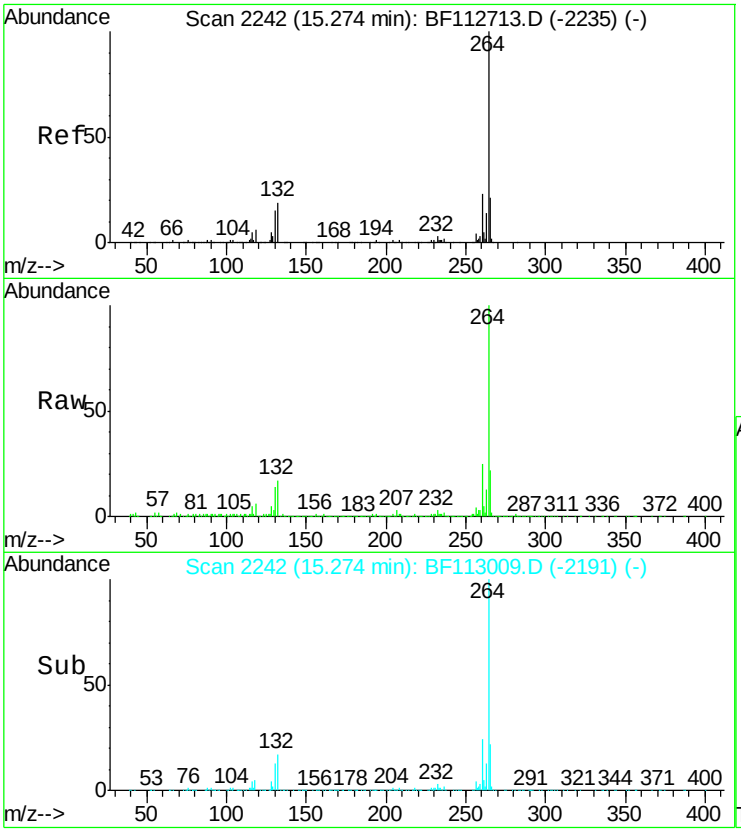




#79
Terphenyl-d14
Concen: 8.866 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:244 Resp: 228511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.0 | 5.6 | 8.4 |
| 122 | 11.6 | 10.5 | 15.7 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-031119-A

Tgt Ion:264 Resp: 458030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 18.7 | 28.1 |
| 265 | 21.9 | 17.2 | 25.8 |