Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111524.D
Acq On : 16 Dec 2018 22:44
Operator : JU/SJ
Sample : J6377-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P001-SD012-0612-02

Quant Time: Dec 17 06:46:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 148272 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 564123 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.82 | 164 | 222799 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.30 | 188 | 406291 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.94 | 240 | 412501 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.38 | 264 | 309370 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 190347 | 21.36 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 231479 | 19.53 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 131054 | 13.83 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.61 | 330 | 32598 | 16.33 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 252934 | 17.54 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.89 | 244 | 241020 | 13.72 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 13) 1,4-Dichlorobenzene | 6.80 | 146 | 85840 | 7.216 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.80 | 146 | 85840 | 7.671 | ng | | 95 |
| 25) Isophorone | 7.35 | 82 | 130921 | 8.168 | ng | # | 64 |
| 31) Naphthalene | 8.09 | 128 | 77153 | 2.924 | ng | | 94 |
| 69) Atrazine | 11.02 | 200 | 14772 | 3.648 | ng | # | 40 |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149 | 76590 | 4.230 | ng | | 96 |

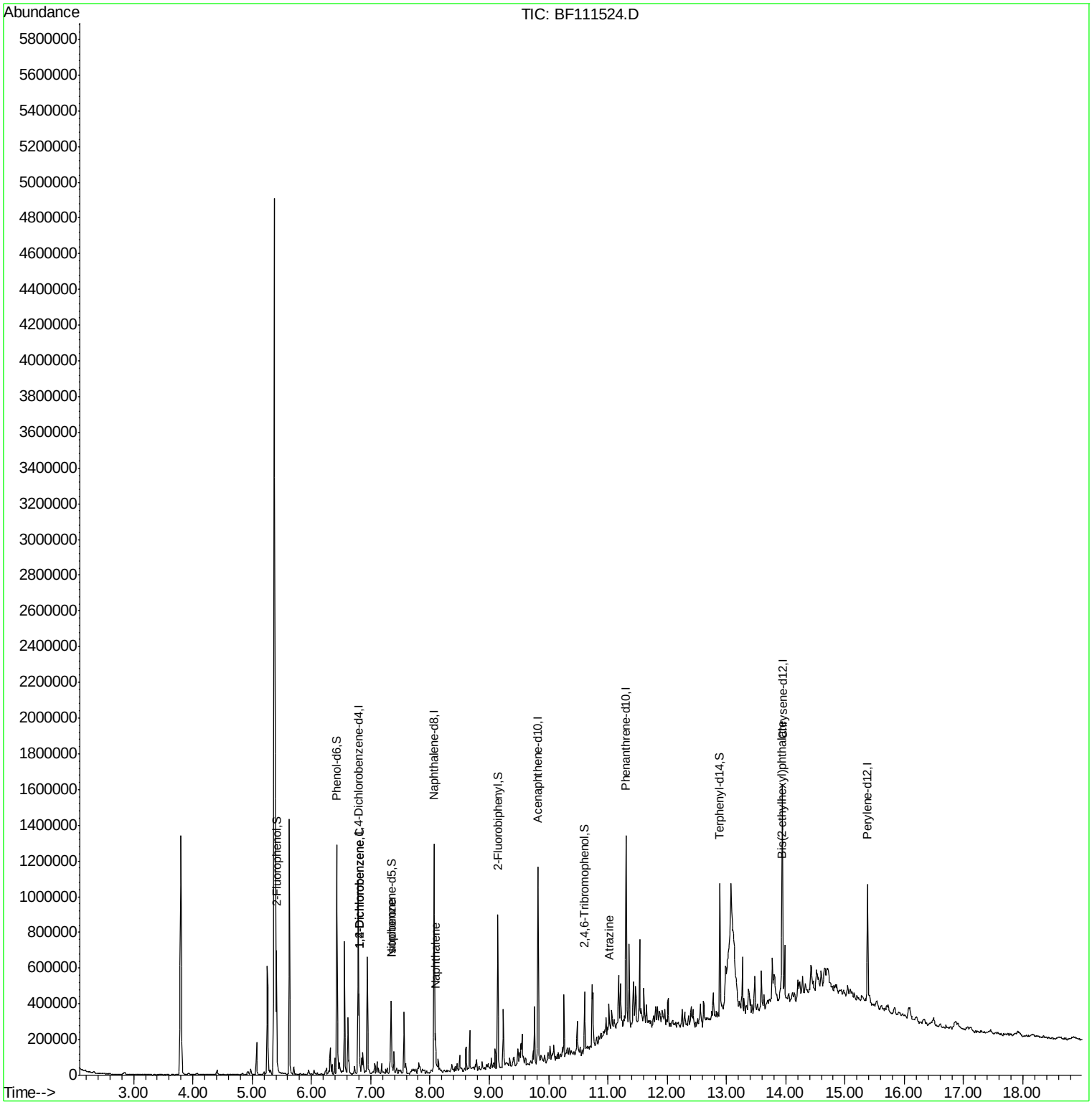
(#) = qualifier out of range (m) = manual integration (+) = signals summed

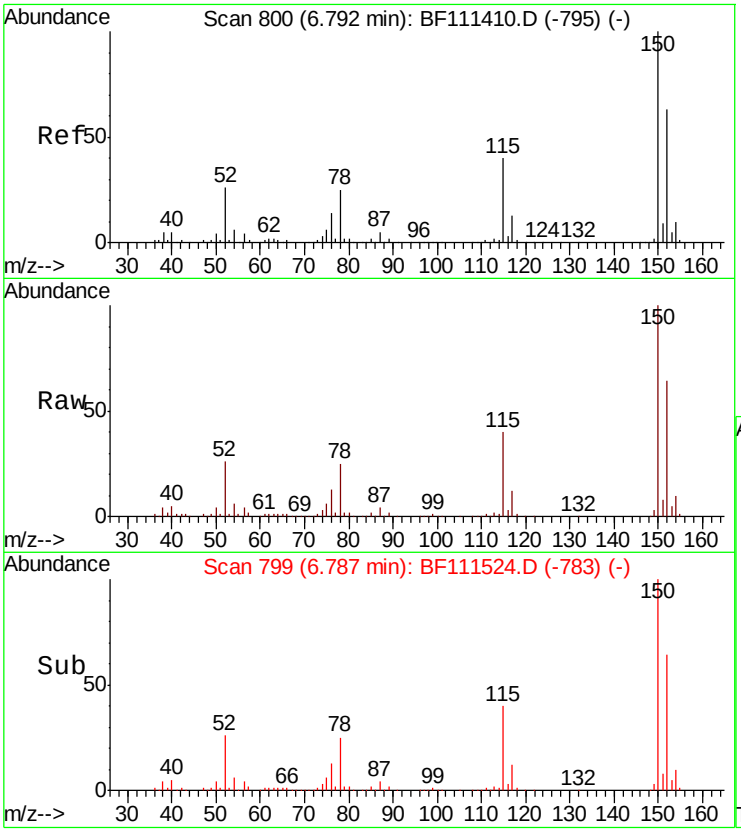
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111524.D
Acq On : 16 Dec 2018 22:44
Operator : JU/SJ
Sample : J6377-02 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Quant Time: Dec 17 06:46:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



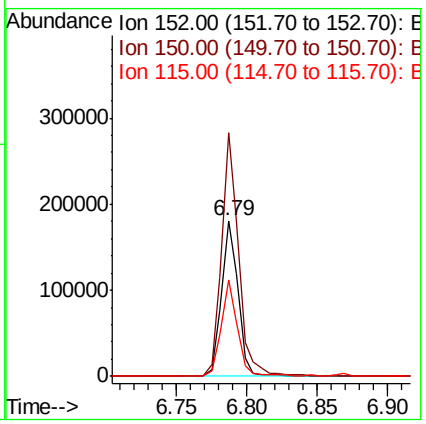


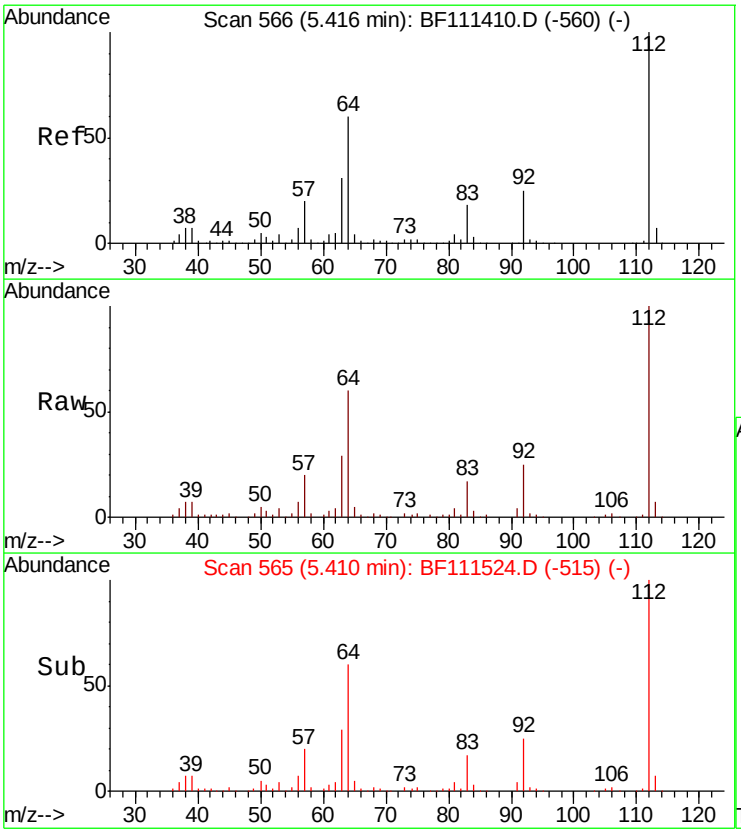

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:152 Resp: 148272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 126.6 | 189.8 |
| 115 | 62.4 | 50.7 | 76.1 |

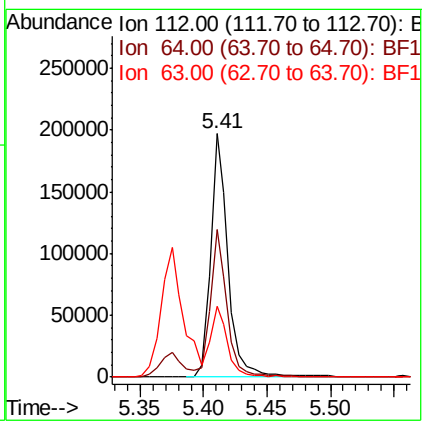


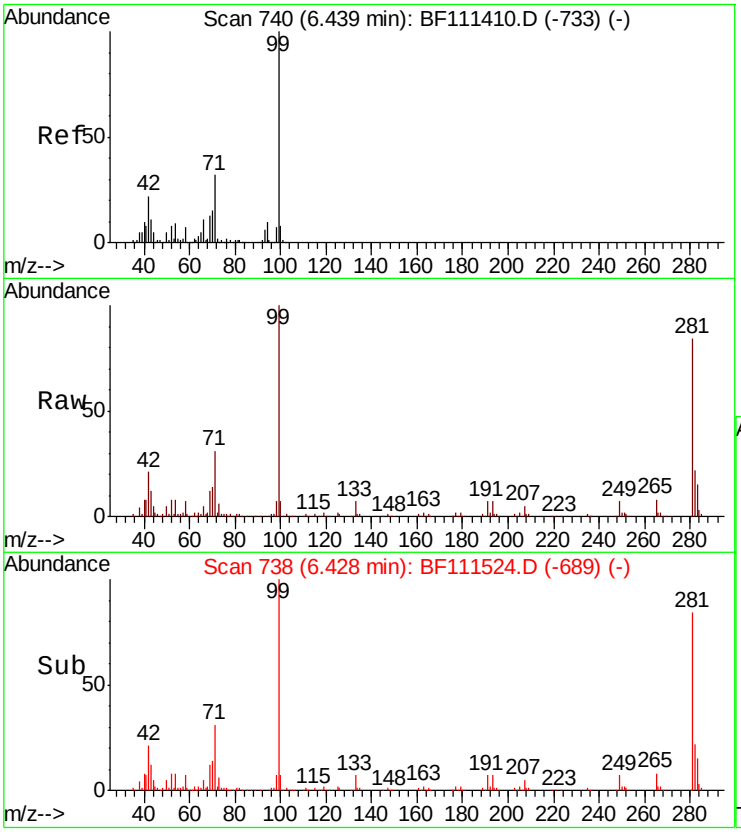




#5
2-Fluorophenol
Concen: 21.363 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:112 Resp: 190347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.4 | 51.8 | 77.6 |
| 63 | 29.1 | 26.8 | 40.2 |



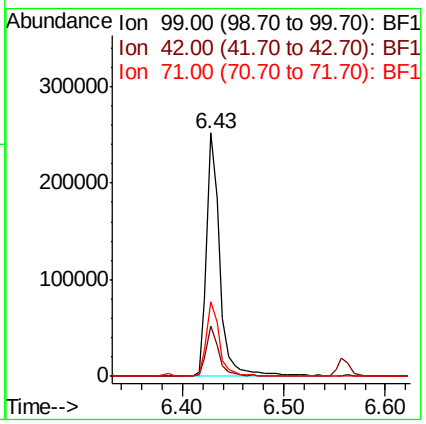


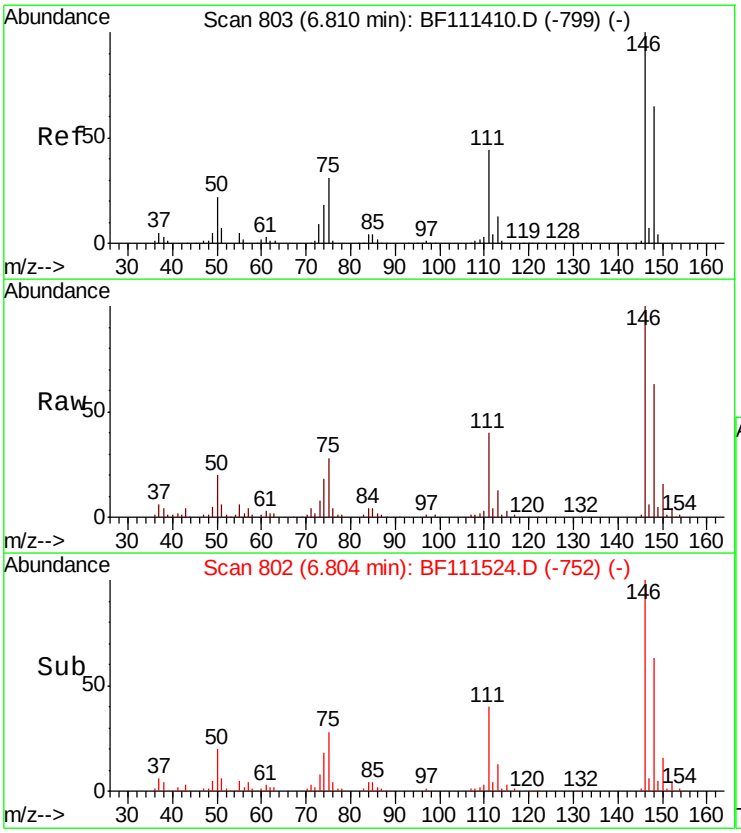

#7
Phenol-d6
Concen: 19.530 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion: 99 Resp: 231479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.5 | 17.4 | 26.0 |
| 71 | 30.7 | 26.1 | 39.1 |

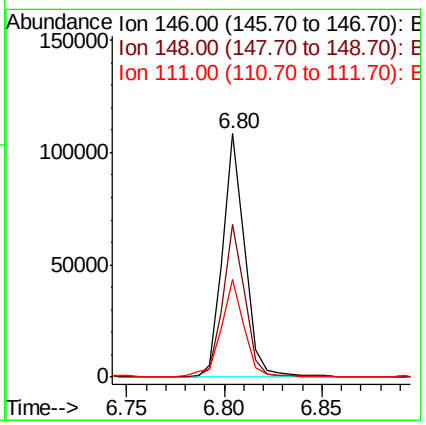


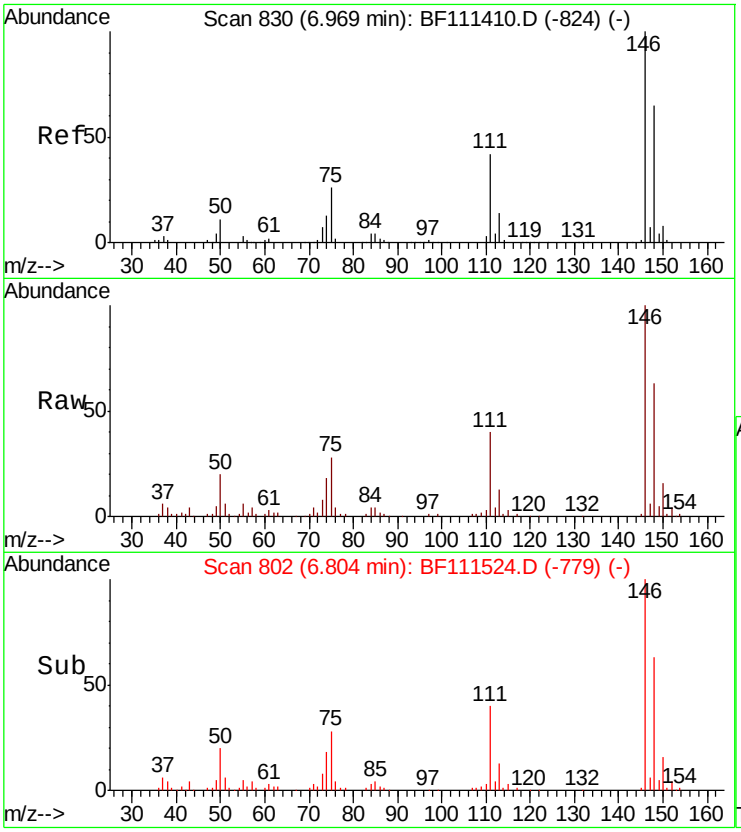




#13
1,4-Dichlorobenzene
Concen: 7.216 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:146 Resp: 85840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 52.8 | 79.2 |
| 111 | 40.2 | 33.4 | 50.0 |



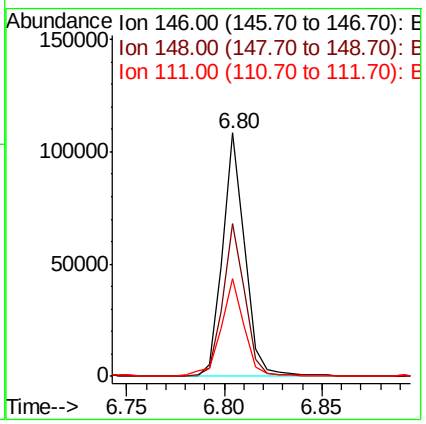


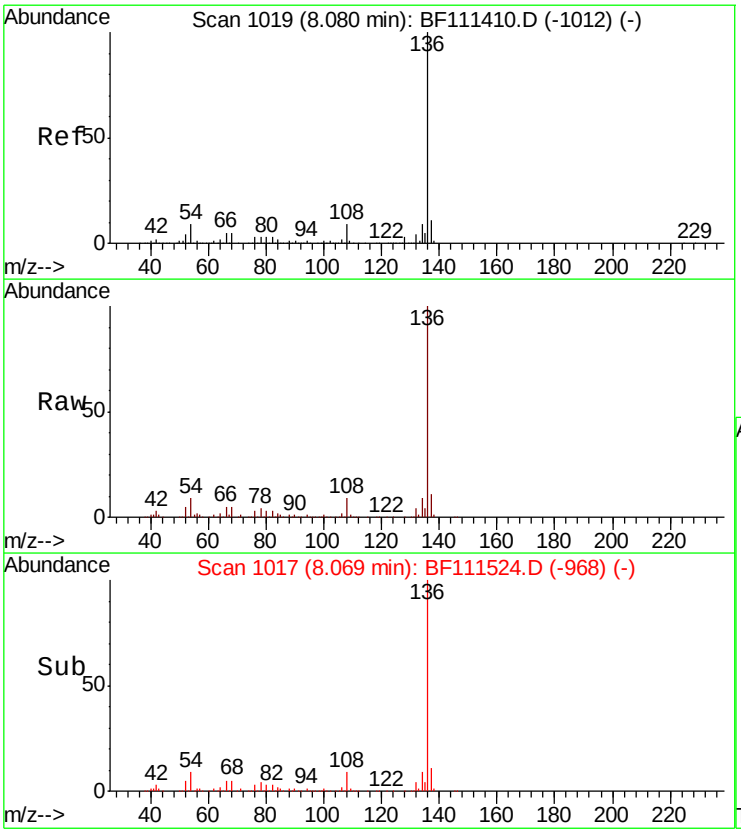

#14
1,2-Dichlorobenzene
Concen: 7.671 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.16 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:146 Resp: 85840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 51.9 | 77.9 |
| 111 | 40.2 | 36.2 | 54.4 |

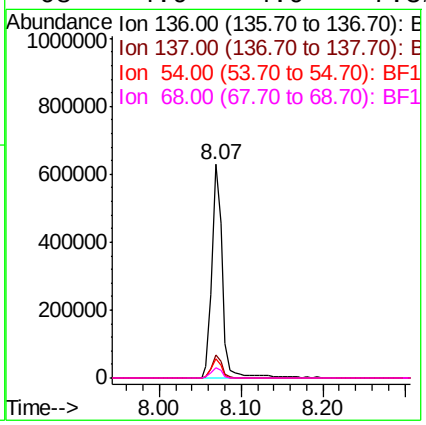


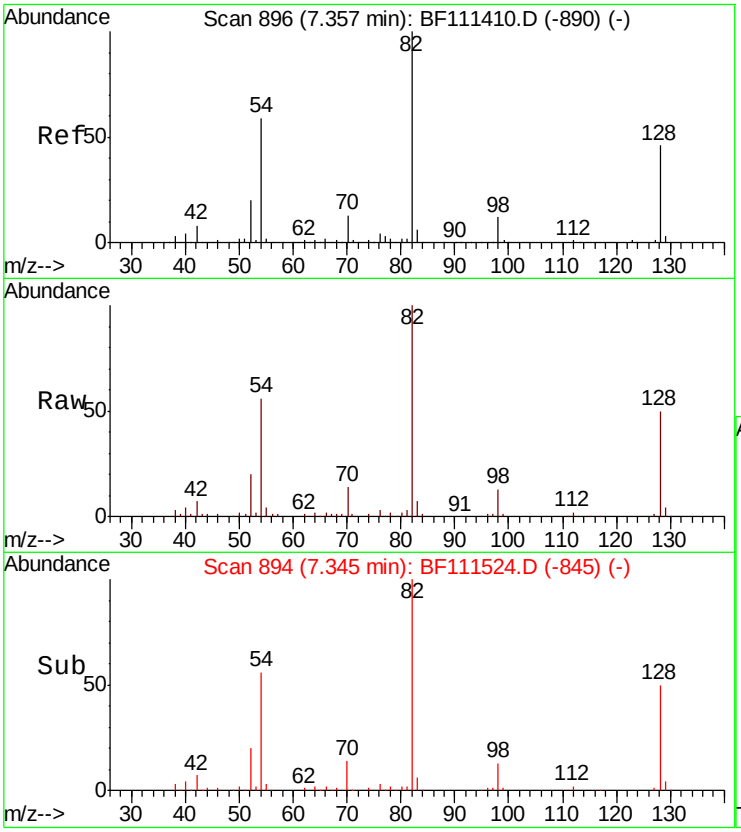




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:136 Resp: 564123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.1 | 13.7 |
| 54 | 8.8 | 7.7 | 11.5 |
| 68 | 4.9 | 4.9 | 7.3# |



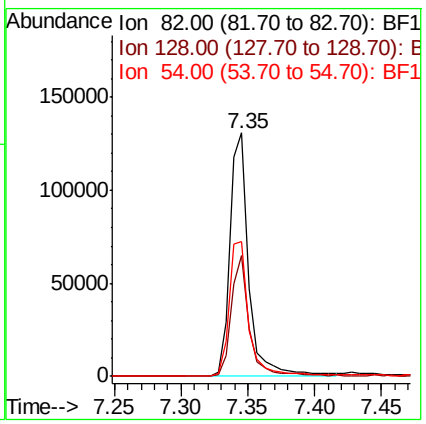


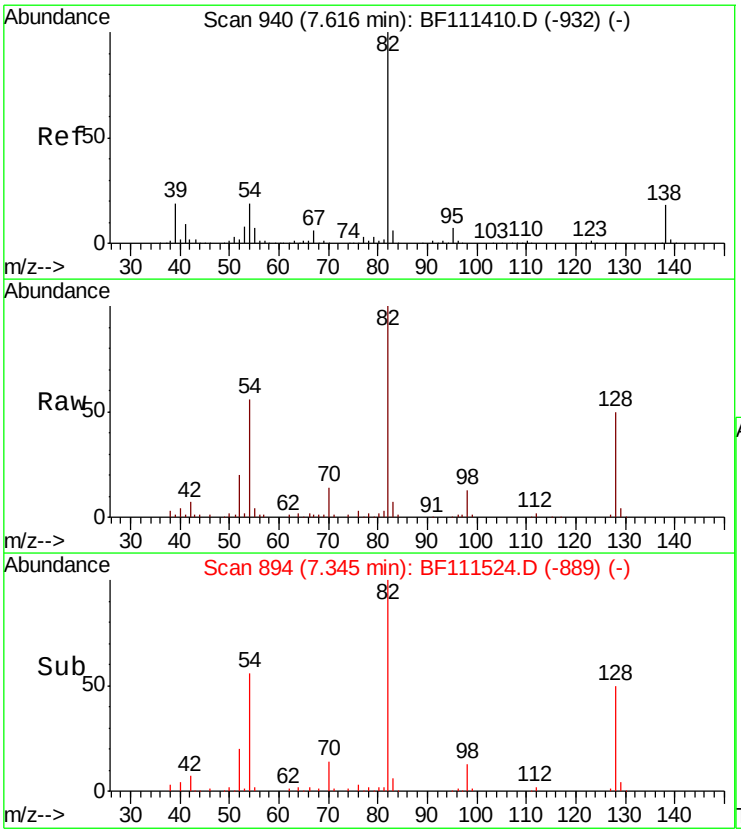

#23
Nitrobenzene-d5
Concen: 13.834 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion: 82 Resp: 131054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 37.4 | 56.2 |
| 54 | 55.6 | 47.6 | 71.4 |

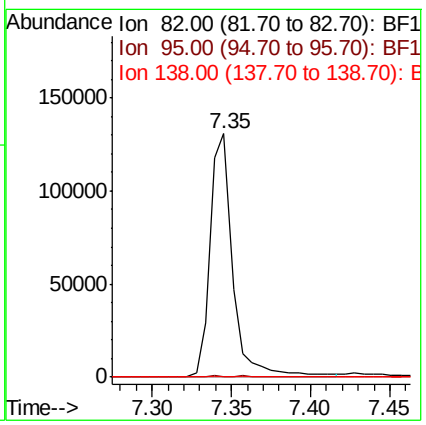


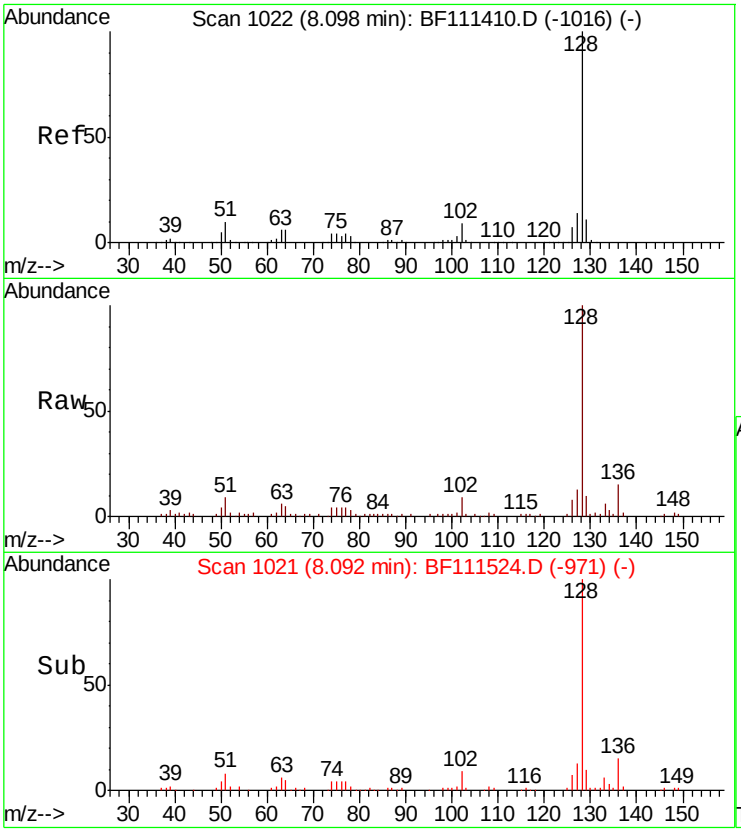




#25
Isophorone
Concen: 8.168 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion: 82 Resp: 130921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.4 | 5.4 | 8.2# |
| 138 | 0.0 | 15.1 | 22.7# |



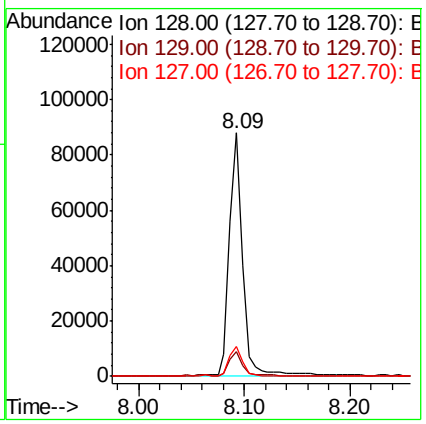


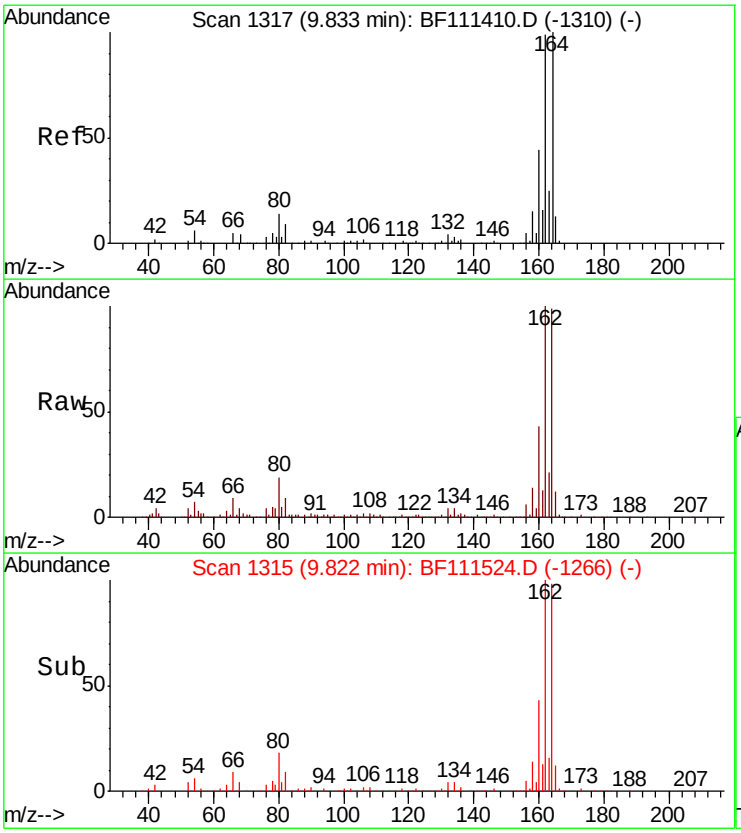

#31
Naphthalene
Concen: 2.924 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:128 Resp: 77153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.9 | 9.8 | 14.8 |
| 127 | 12.5 | 12.0 | 18.0 |

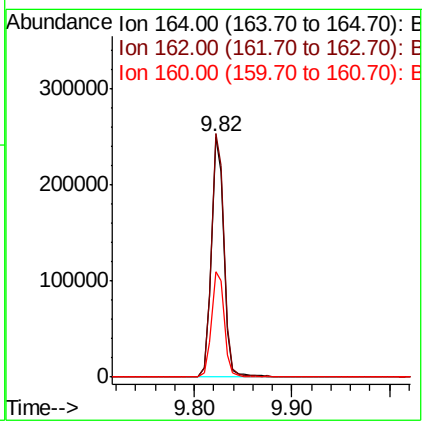


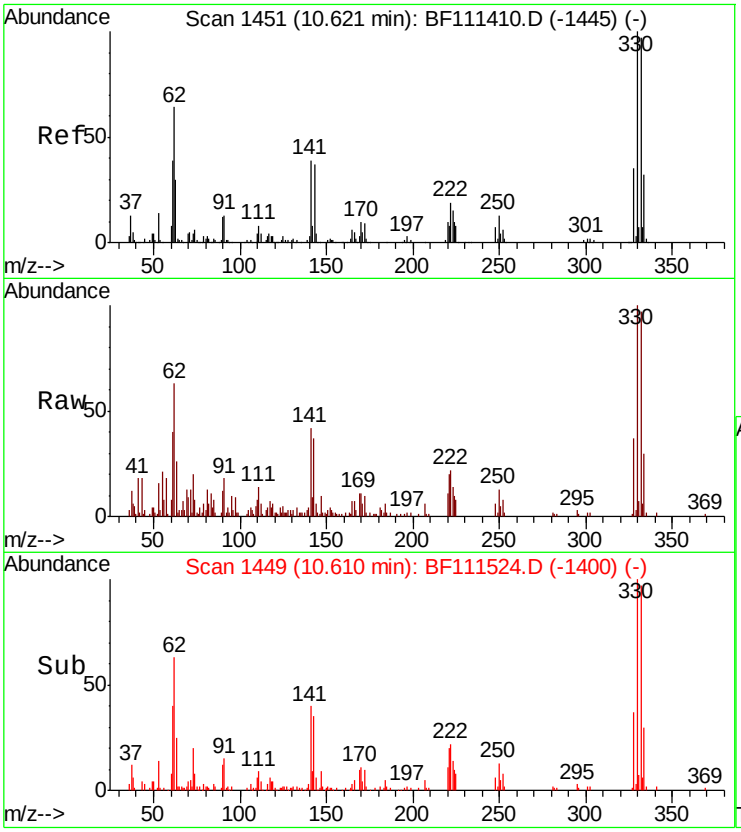




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:164 Resp: 222799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 81.4 | 122.0 |
| 160 | 44.0 | 35.7 | 53.5 |



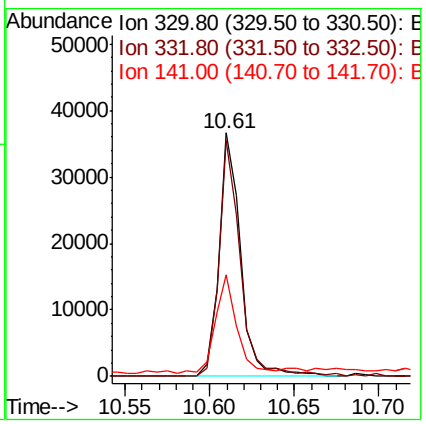


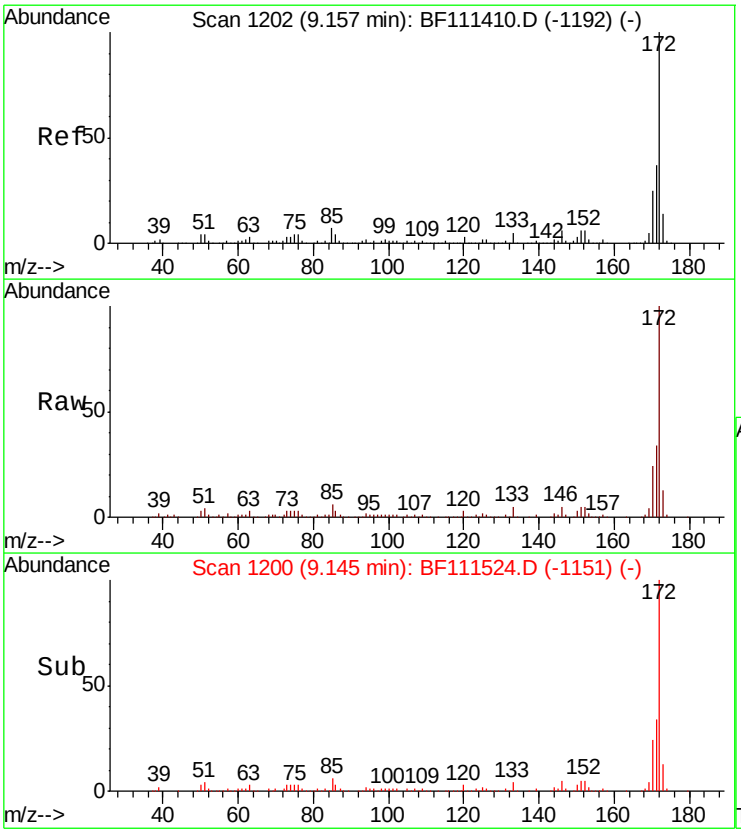

#42
2,4,6-Tribromophenol
Concen: 16.333 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:330 Resp: 32598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 76.0 | 114.0 |
| 141 | 39.5 | 31.0 | 46.6 |

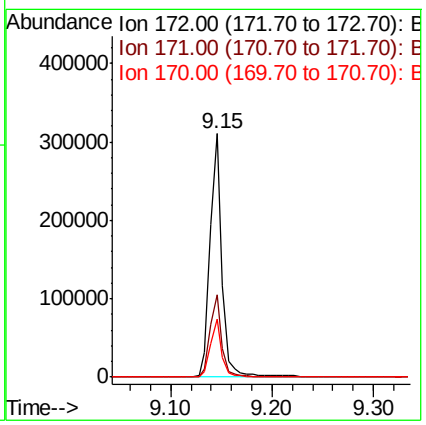


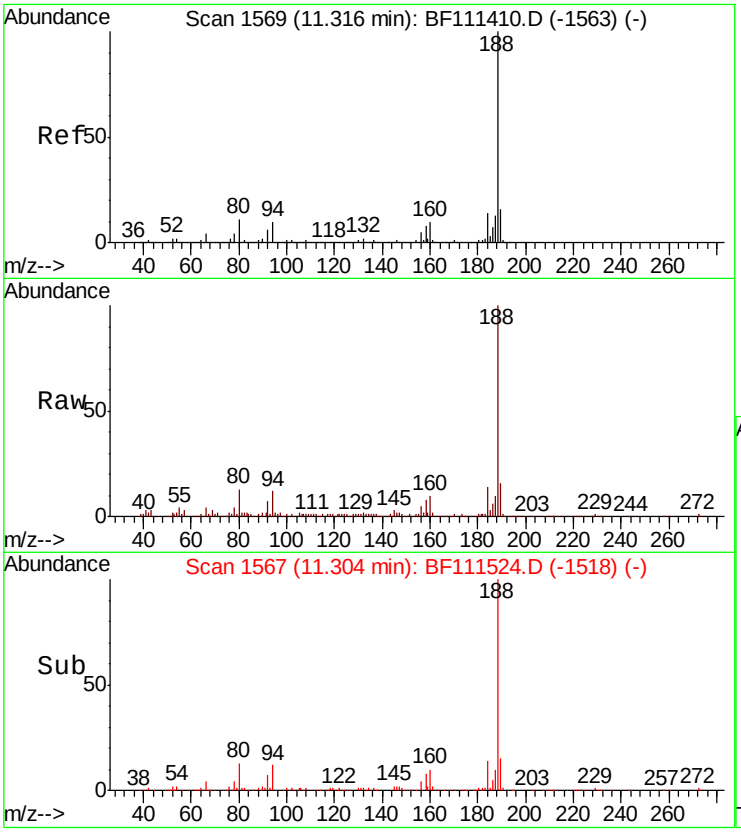




#45
2-Fluorobiphenyl
Concen: 17.536 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:172 Resp: 252934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 33.0 | 49.4 |
| 170 | 23.7 | 22.3 | 33.5 |



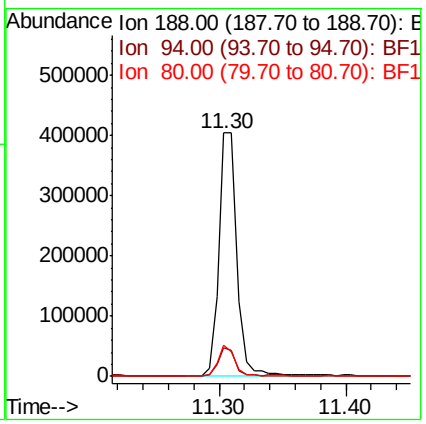


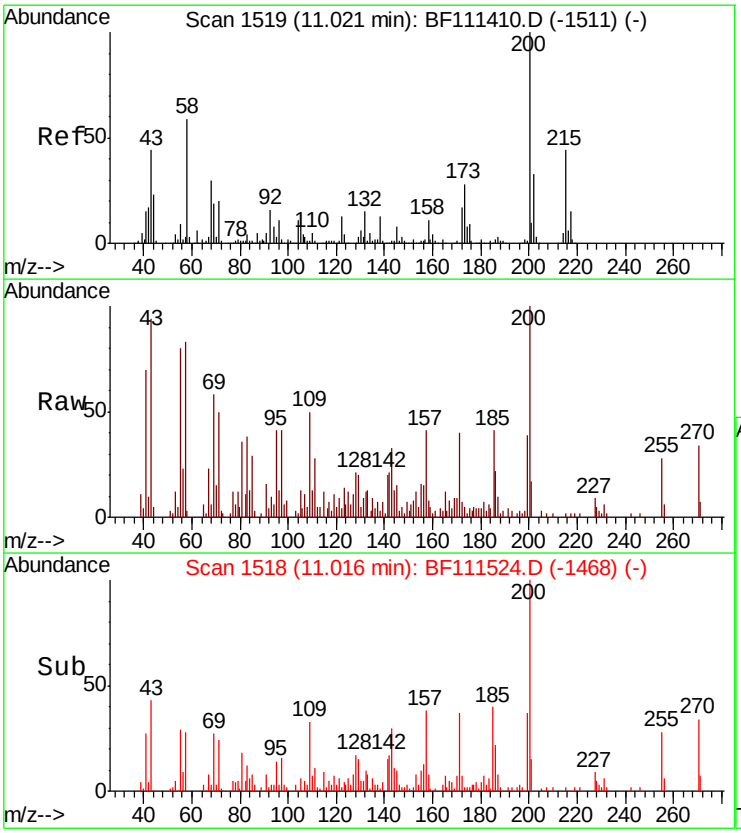

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:188 Resp: 406291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.8 | 9.6 | 14.4 |
| 80 | 13.0 | 9.8 | 14.6 |

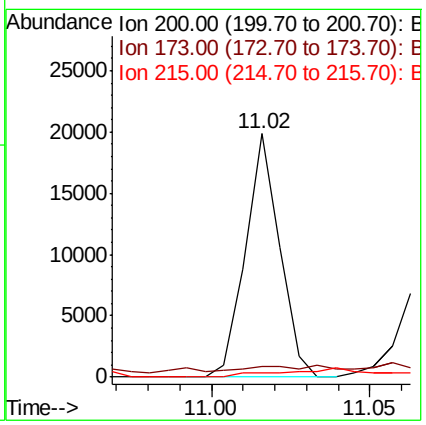


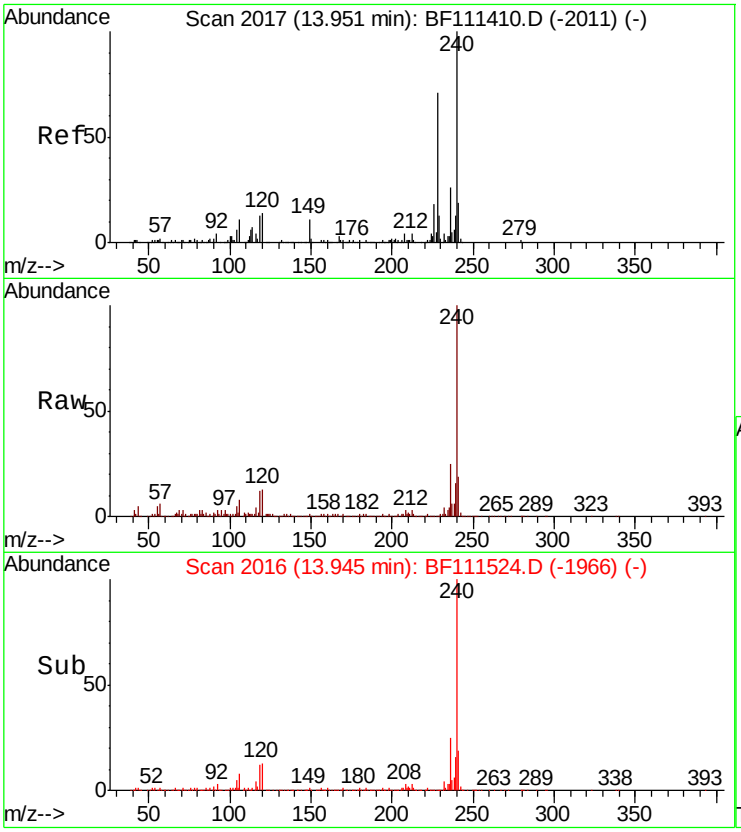




#69
Atrazine
Concen: 3.648 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:200 Resp: 14772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 4.5 | 10.1 | 50.1# |
| 215 | 1.5 | 26.9 | 66.9# |



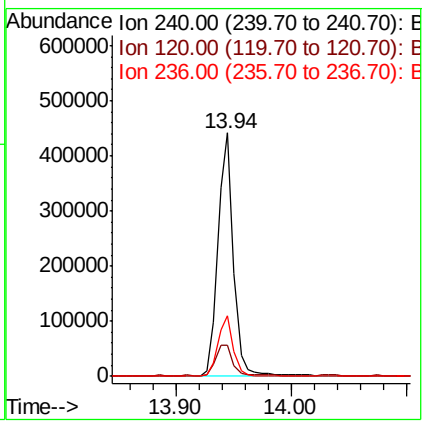


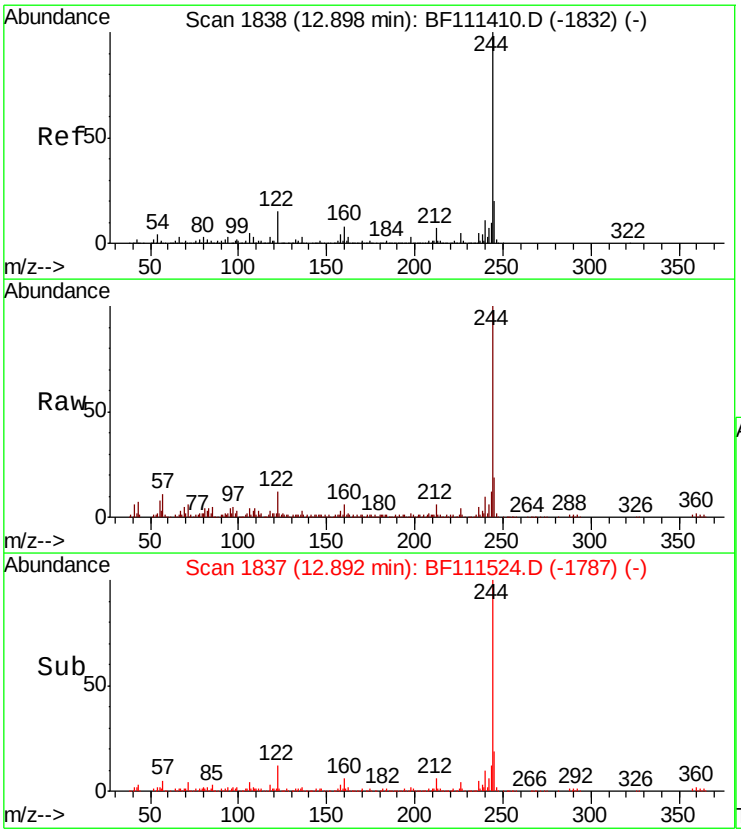

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:240 Resp: 412501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.0 | 12.2 | 18.2 |
| 236 | 25.0 | 20.2 | 30.2 |

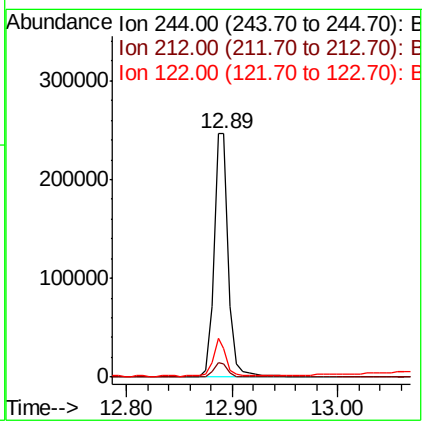


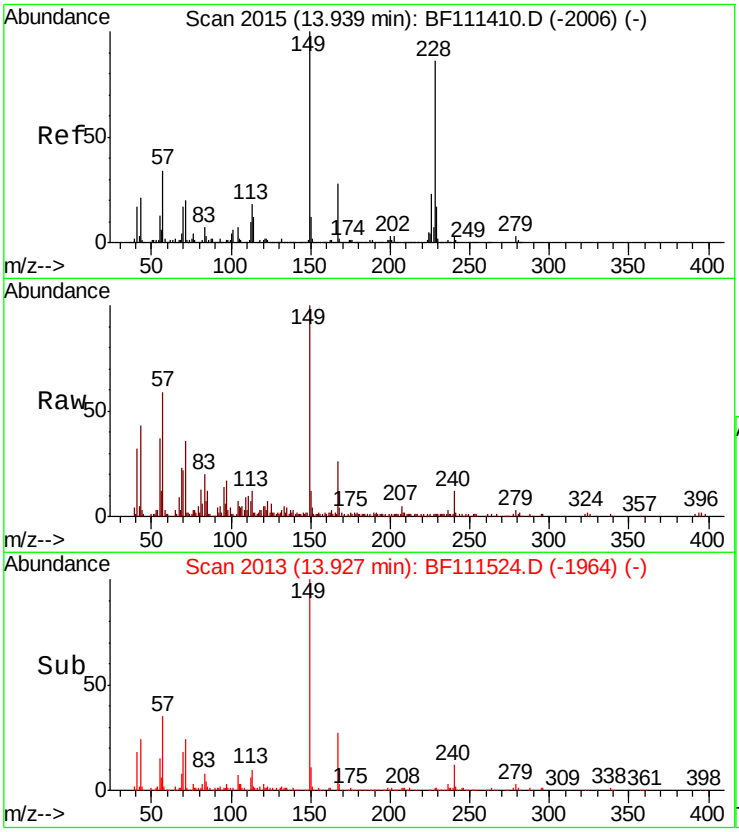




#79
Terphenyl-d14
Concen: 13.721 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:244 Resp: 241020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.6 | 5.7 | 8.5# |
| 122 | 11.9 | 13.1 | 19.7# |



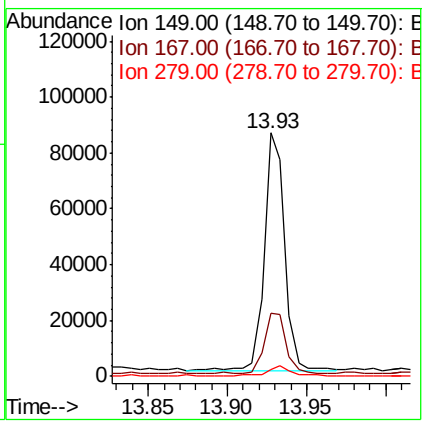


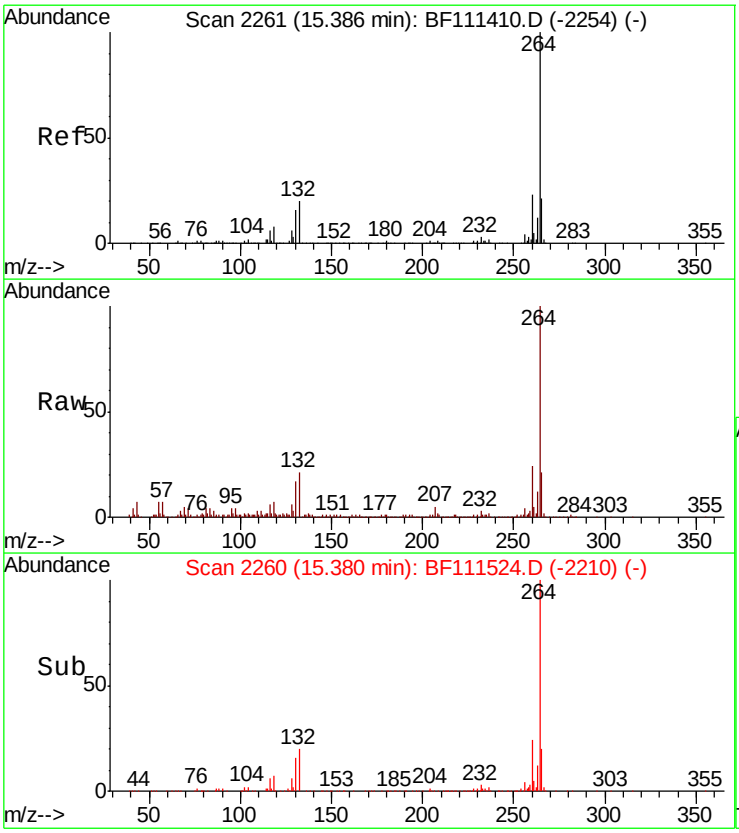

#84
Bis(2-ethylhexyl)phthalate
Concen: 4.230 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

**Instrument :**
BNA_F
**ClientSampleId :**
P001-SD012-0612-02

Tgt Ion:149 Resp: 76590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 22.5 | 33.7 |
| 279 | 2.8 | 2.6 | 4.0 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:264 Resp: 309370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.3 | 27.5 |
| 265 | 20.7 | 17.7 | 26.5 |