Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098326.D
Acq On : 7 Sep 2017 21:05
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** G61A-0-1.5

Quant Time: Sep 08 01:53:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.69 | 152 | 106088 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 7.97 | 136 | 397709 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.73 | 164 | 158860 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.21 | 188 | 276638 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.85 | 240 | 247418 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.26 | 264 | 179161 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 170986 | 24.52 | ng | -0.02 |
| 7) Phenol-d6 | 6.33 | 99 | 229607 | 24.23 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.25 | 82 | 125284 | 17.11 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 30657 | 22.24 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 206842 | 19.13 | ng | -0.02 |
| 78) Terphenyl-d14 | 12.79 | 244 | 147884 | 12.46 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 15749 | 2.428 | ng | # 70 |
| 25) Isophorone | 7.25 | 82 | 125164 | 8.222 | ng | # 67 |
| 49) Dimethylphthalate | 9.45 | 163 | 29560 | 2.546 | ng | # 99 |
| 50) 2,6-Dinitrotoluene | 9.73 | 165 | 20067 | 8.657 | ng | # 33 |
| 56) 2,4-Dinitrotoluene | 9.73 | 165 | 20067 | 6.899 | ng | # 33 |
| 79) Butylbenzylphthalate | 13.27 | 149 | 325878 | 42.003 | ng | # 70 |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149 | 166379 | 19.352 | ng | # 57 |
| 84) Di-n-octyl phthalate | 14.44 | 149 | 206437 | 13.800 | ng | # 97 |

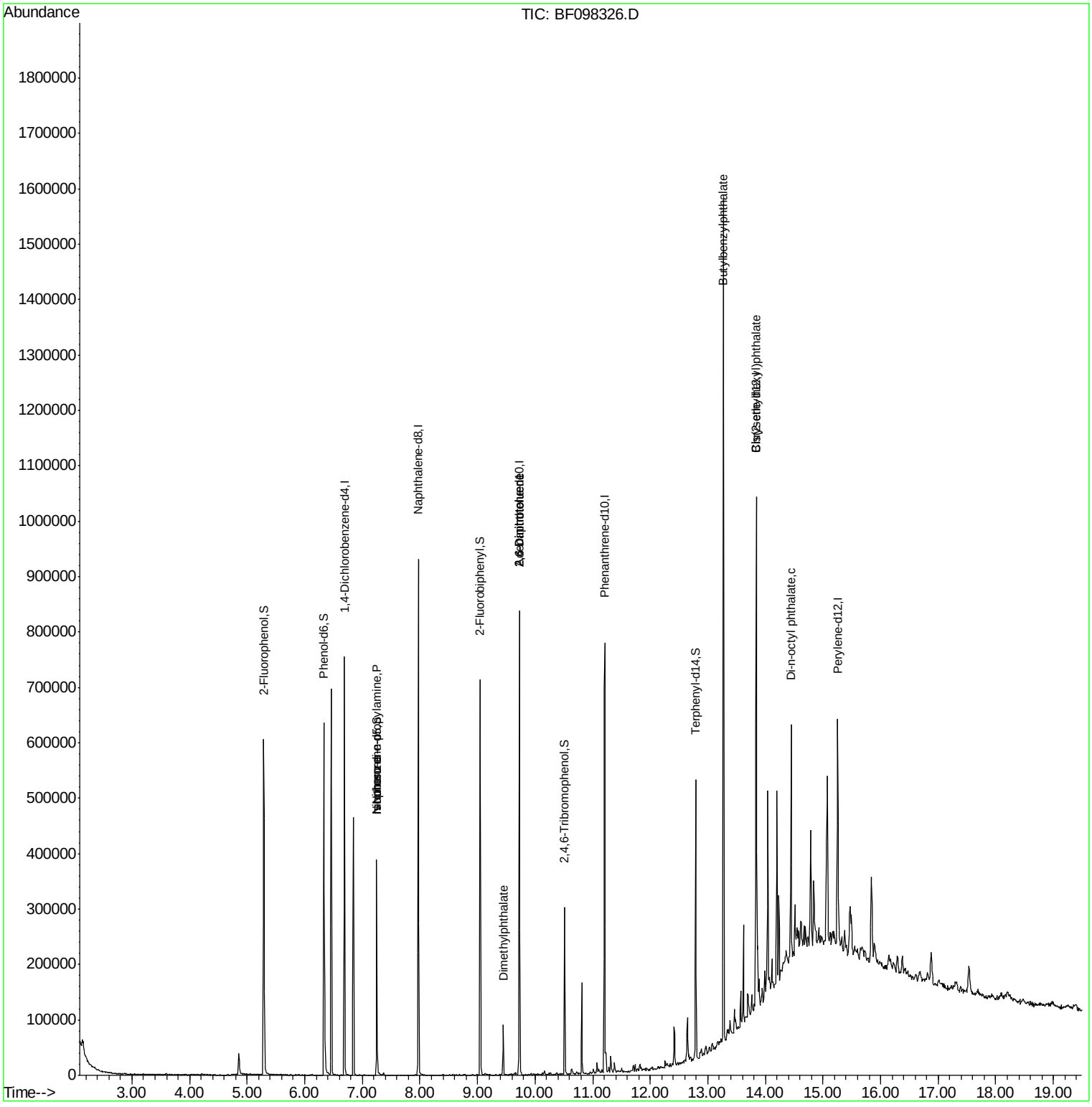
(#) = qualifier out of range (m) = manual integration (+) = signals summed

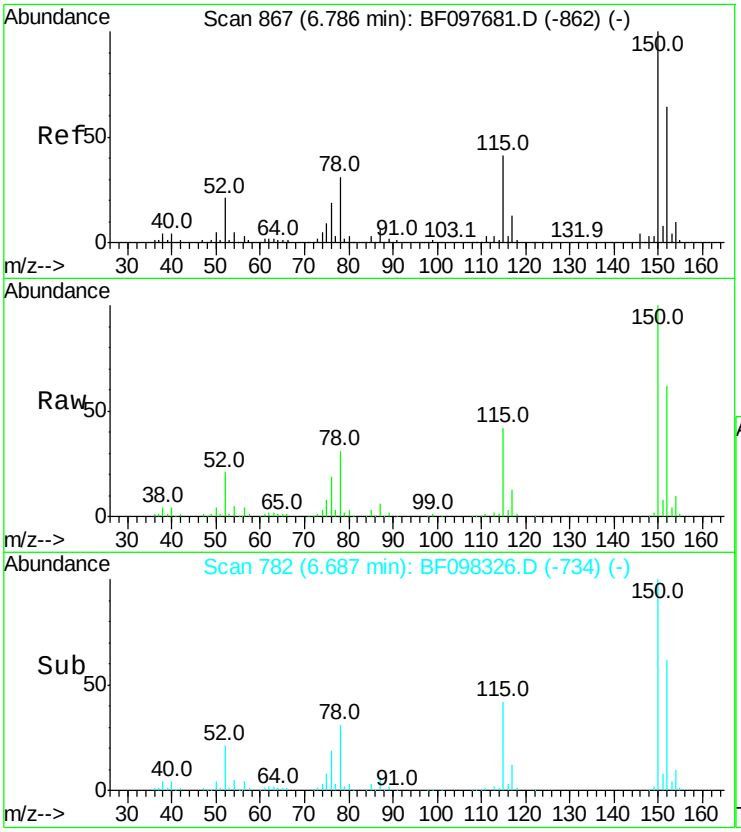
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098326.D
Acq On : 7 Sep 2017 21:05
Operator : SJ/JU
Sample : I5071-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Quant Time: Sep 08 01:53:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



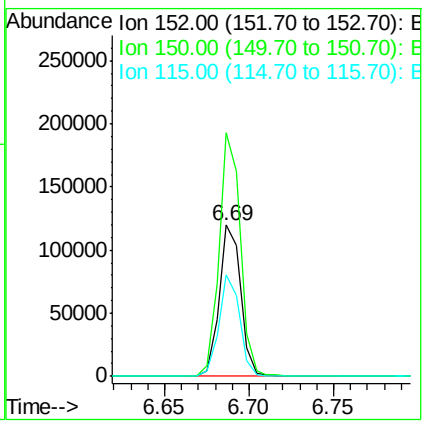


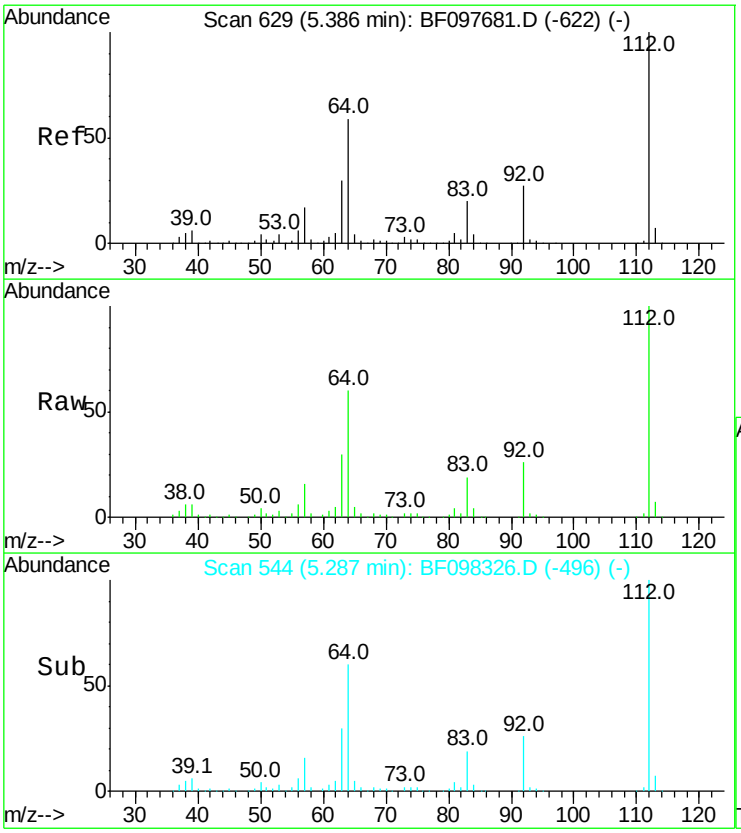

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:152 Resp: 106088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.0 | 126.2 | 189.2 |
| 115 | 67.5 | 52.2 | 78.2 |

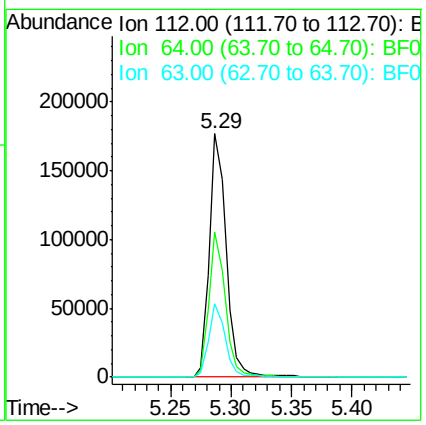


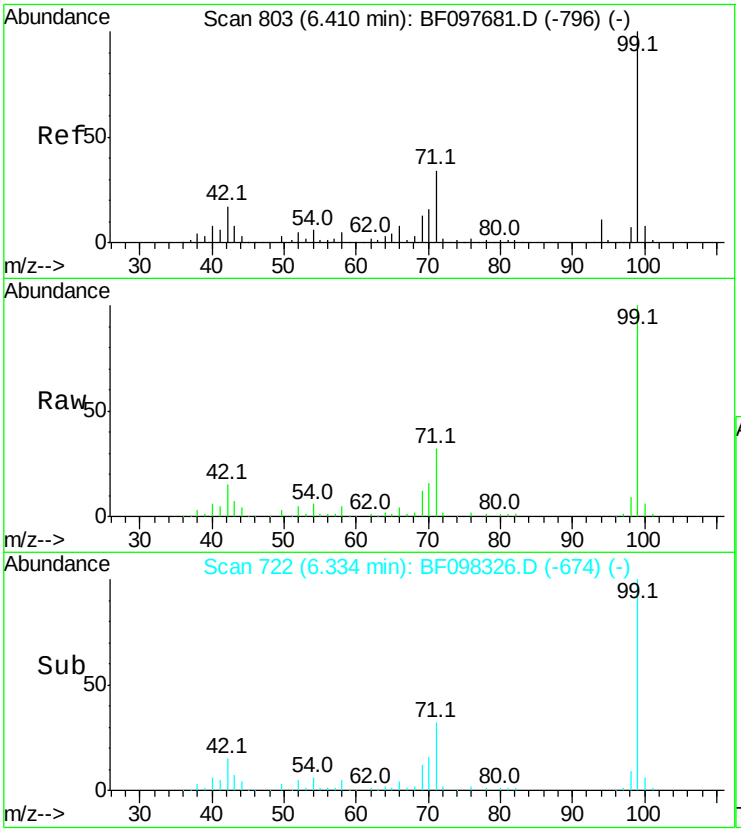




#5
2-Fluorophenol
Concen: 24.516 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:112 Resp: 170986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.8 | 46.0 | 69.0 |
| 63 | 29.9 | 23.4 | 35.0 |



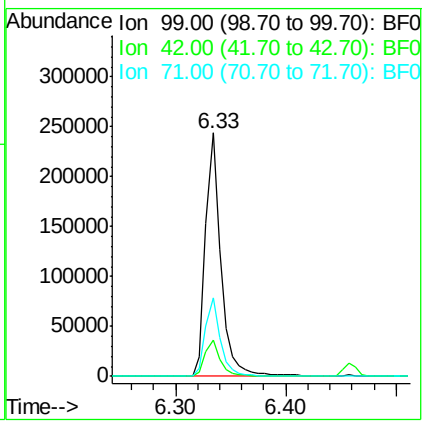


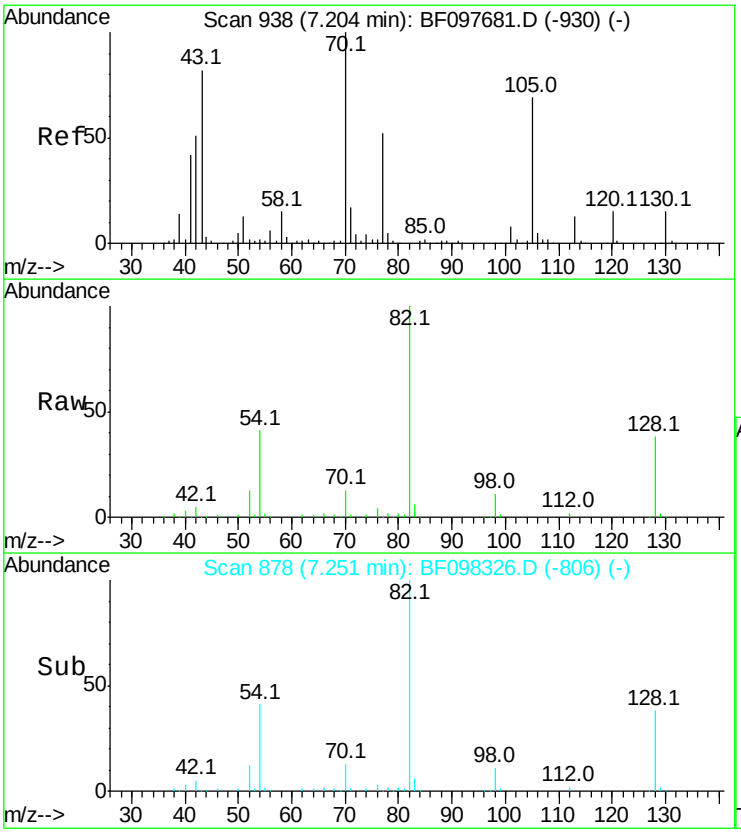

#7
Phenol-d6
Concen: 24.229 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion: 99 Resp: 229607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.6 | 13.5 | 20.3 |
| 71 | 32.0 | 24.5 | 36.7 |

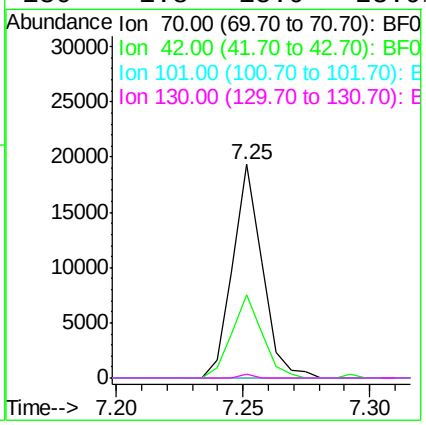


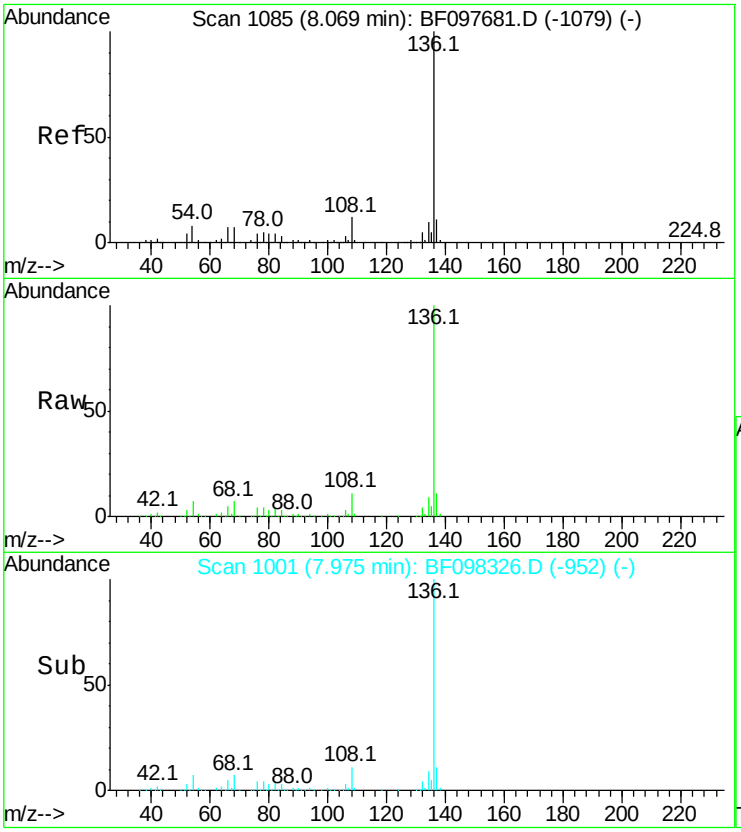




#19
n-Nitroso-di-n-propylamine
Concen: 2.428 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion: 70 Resp: 15749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.7 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 1.8 | 15.9 | 23.9# |



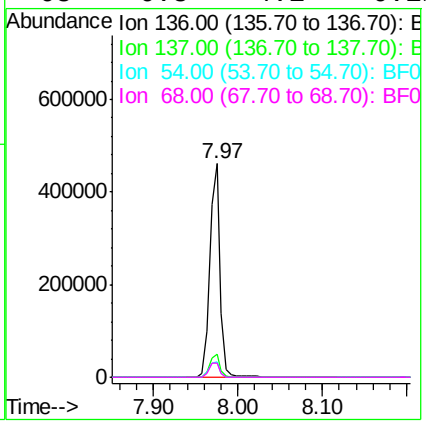


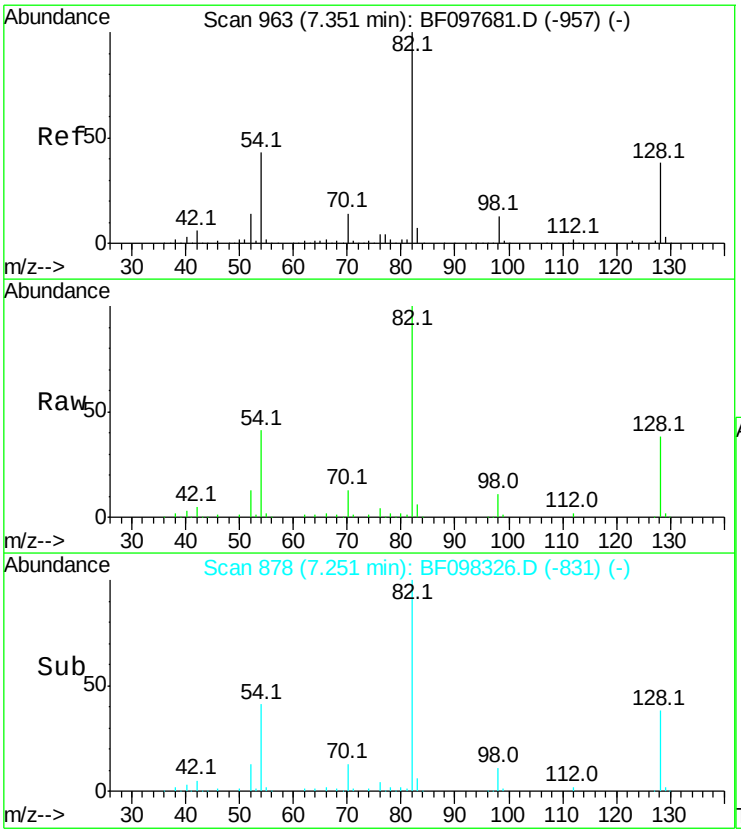

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:136 Resp: 397709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 7.0 | 4.9 | 7.3 |
| 68 | 6.8 | 4.1 | 6.1# |

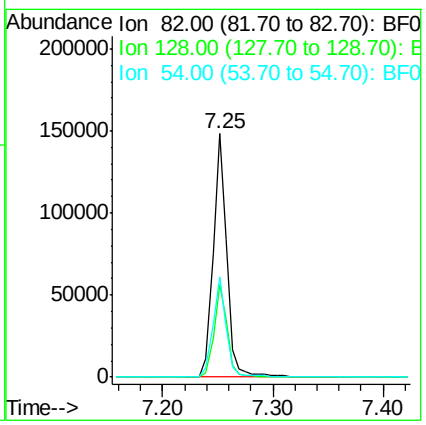


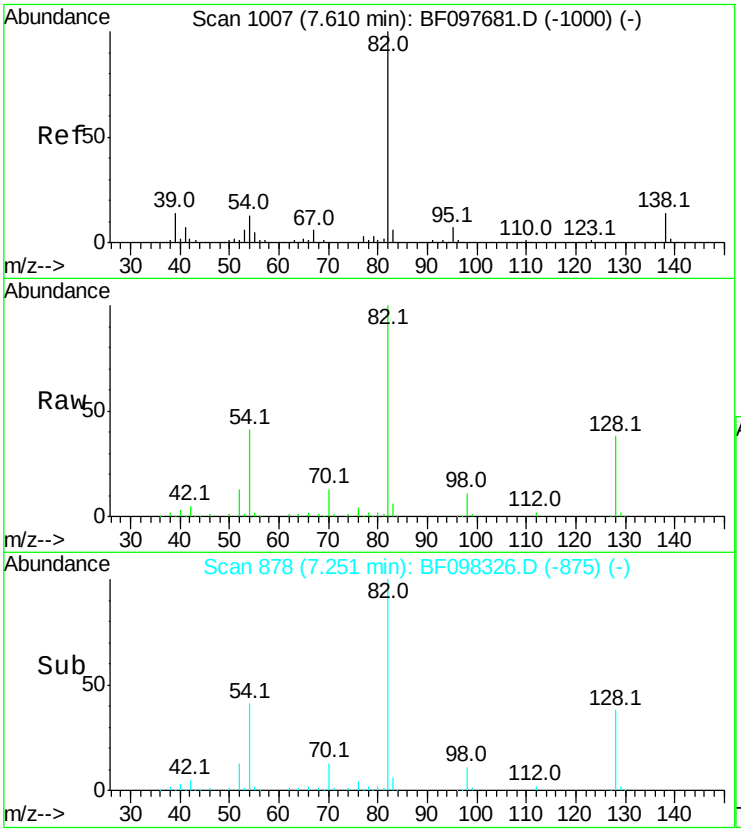




#23
Nitrobenzene-d5
Concen: 17.113 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion: 82 Resp: 125284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.0 | 34.0 | 51.0 |
| 54 | 41.2 | 42.2 | 63.2# |



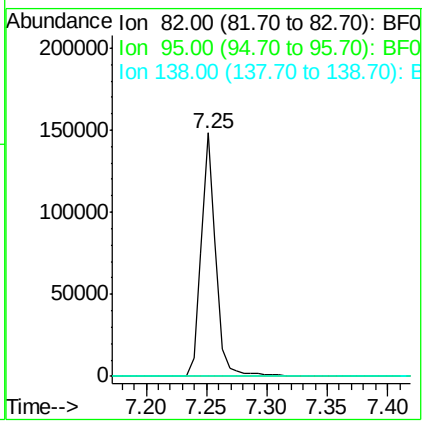


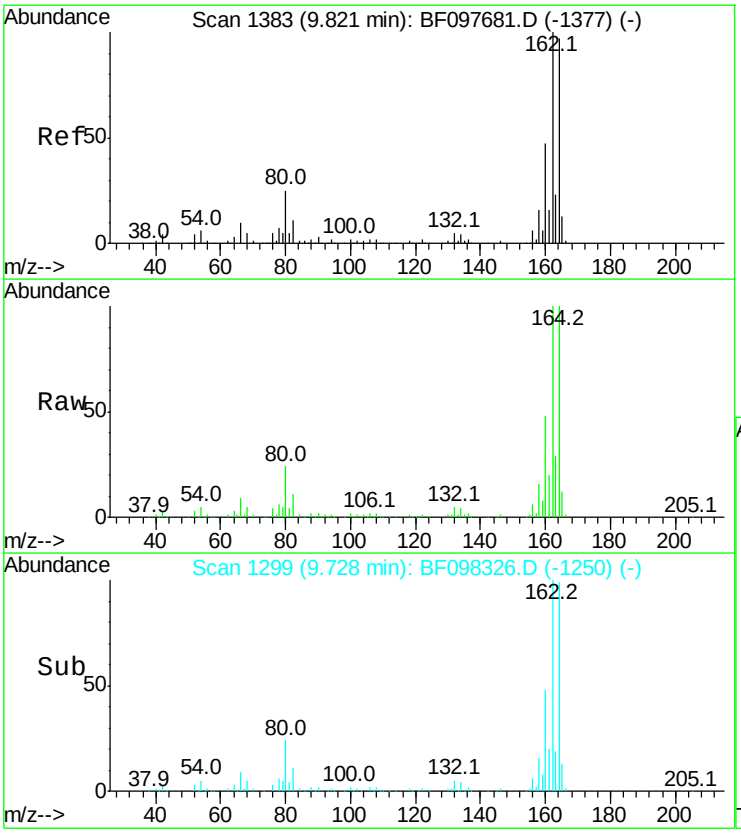

#25
Isophorone
Concen: 8.222 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion: 82 Resp: 125164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.3 | 7.9# |
| 138 | 0.0 | 13.1 | 19.7# |

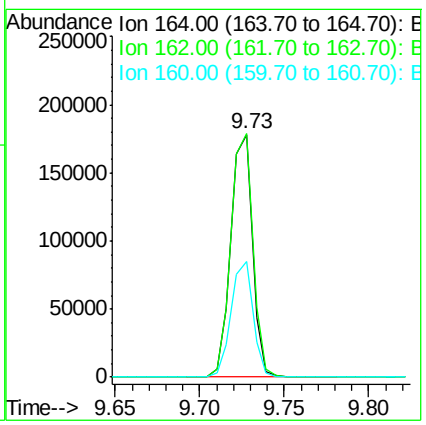


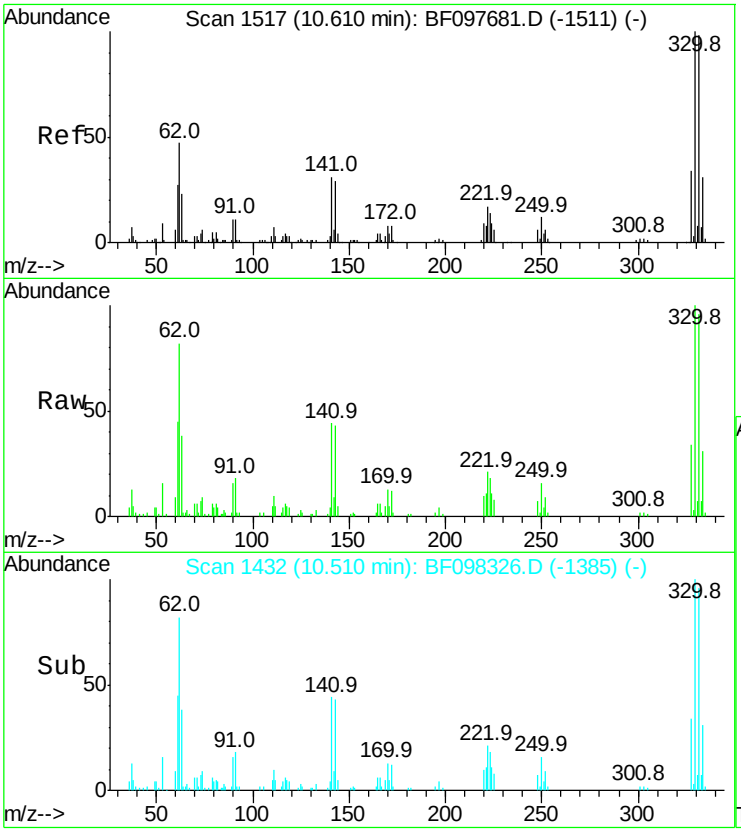




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:164 Resp: 158860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.6 | 123.8 |
| 160 | 47.7 | 36.2 | 54.2 |



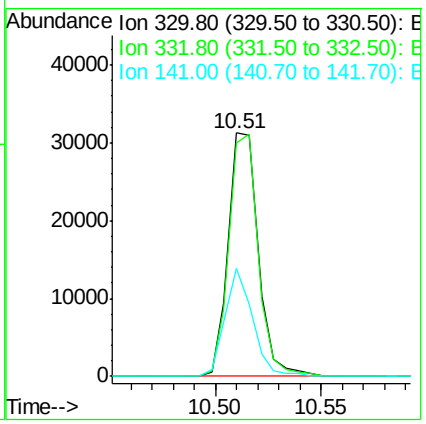


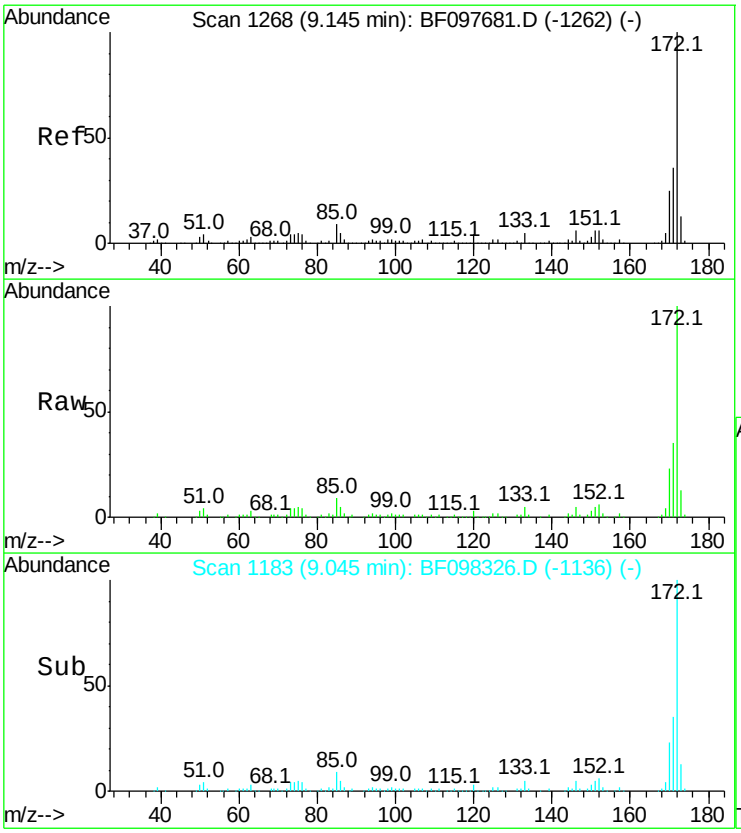

#41
2,4,6-Tribromophenol
Concen: 22.241 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:330 Resp: 30657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.6 | 115.0 |
| 141 | 40.4 | 31.4 | 47.2 |

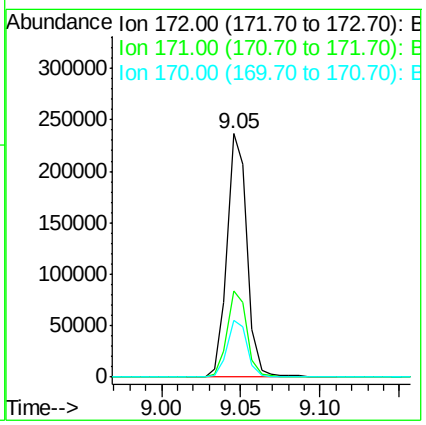


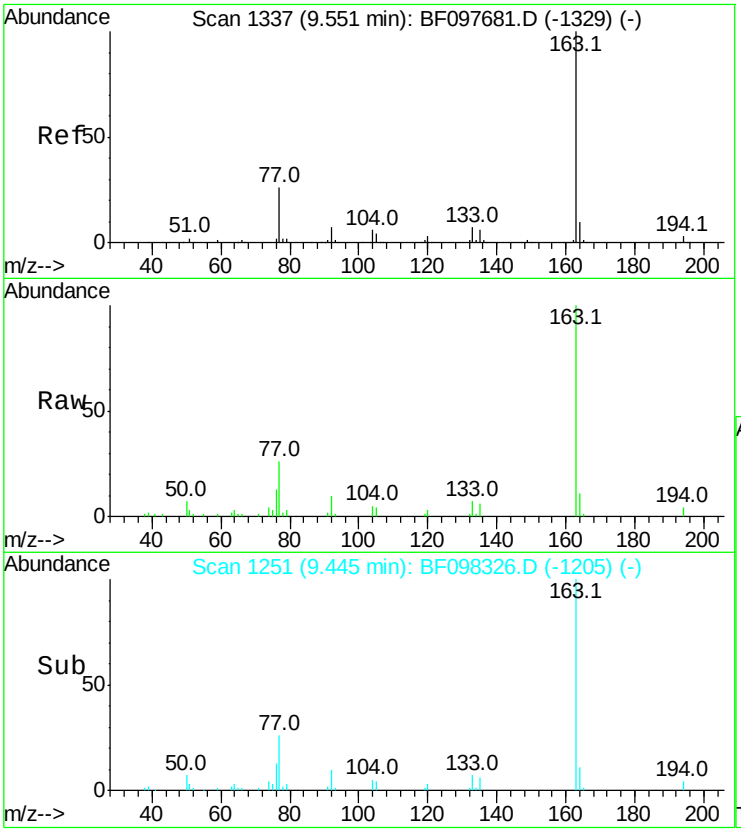




#44
2-Fluorobiphenyl
Concen: 19.130 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:172 Resp: 206842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 29.6 | 44.4 |
| 170 | 23.2 | 19.8 | 29.8 |



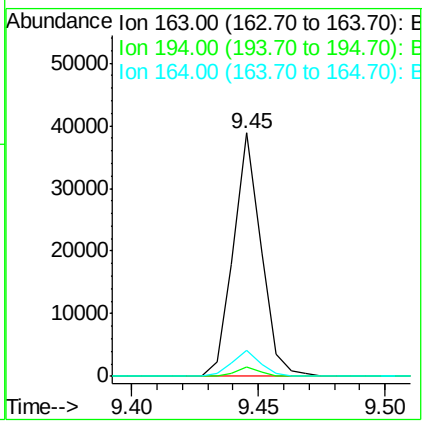


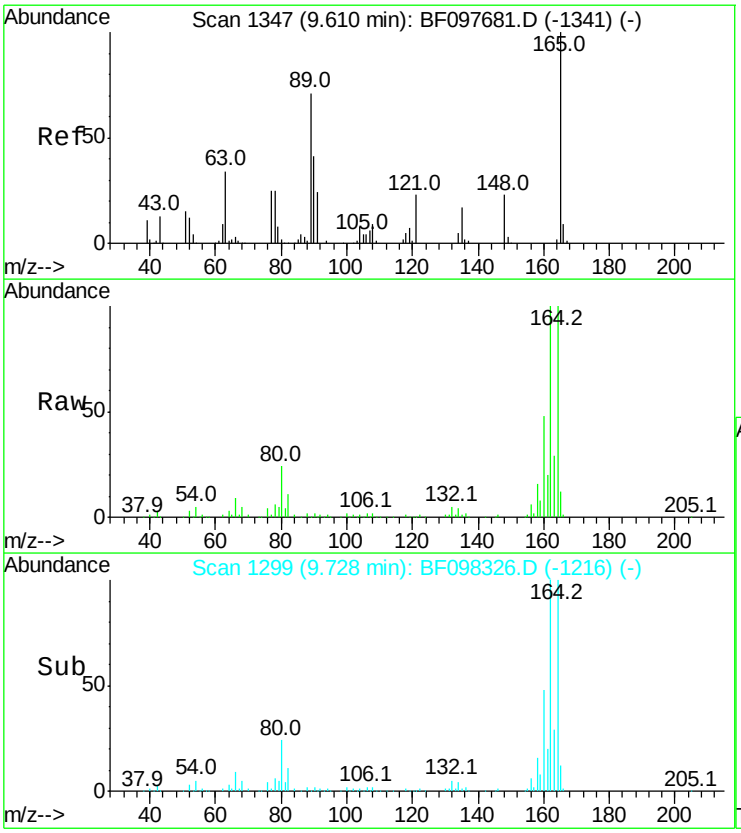

#49
Dimethylphthalate
Concen: 2.546 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:163 Resp: 29560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.6 | 4.0# |
| 164 | 10.6 | 8.4 | 12.6 |

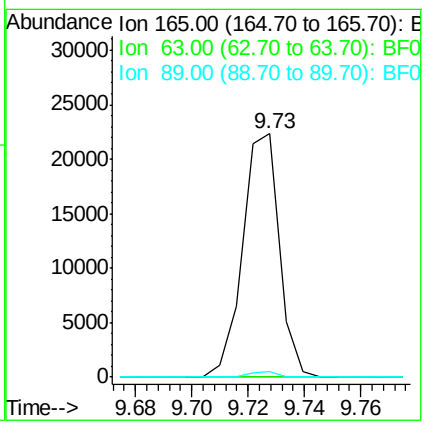


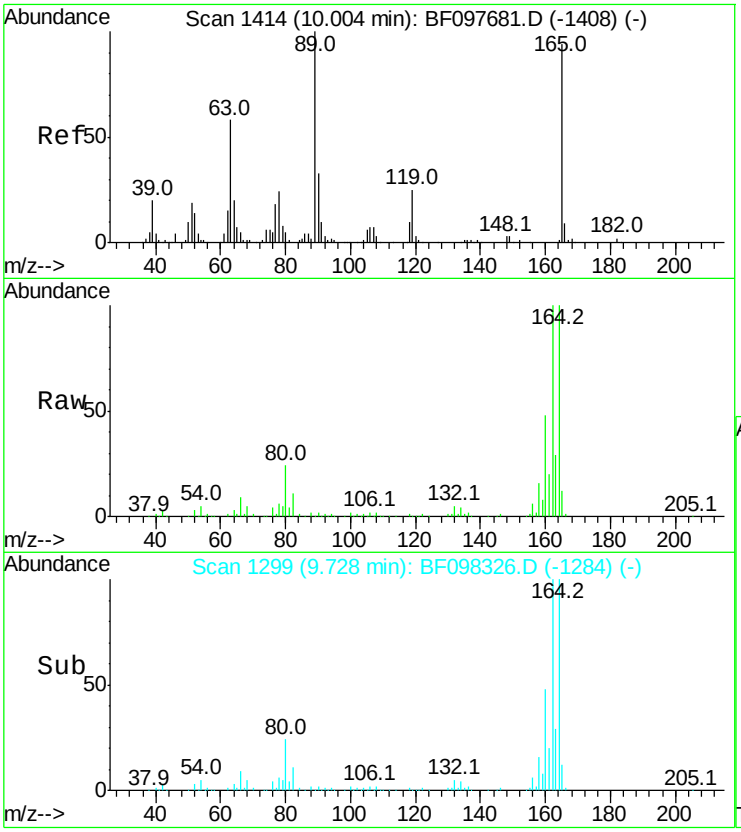




#50
2,6-Dinitrotoluene
Concen: 8.657 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:165 Resp: 20067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 34.3 | 51.5# |
| 89 | 2.0 | 37.1 | 55.7# |



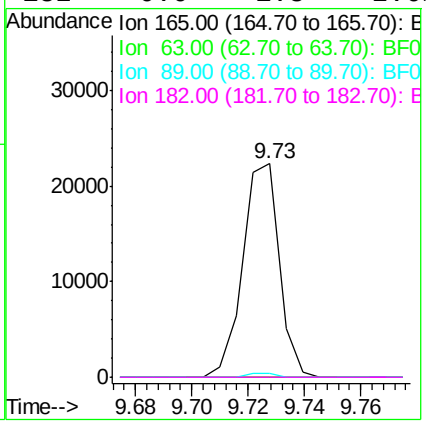


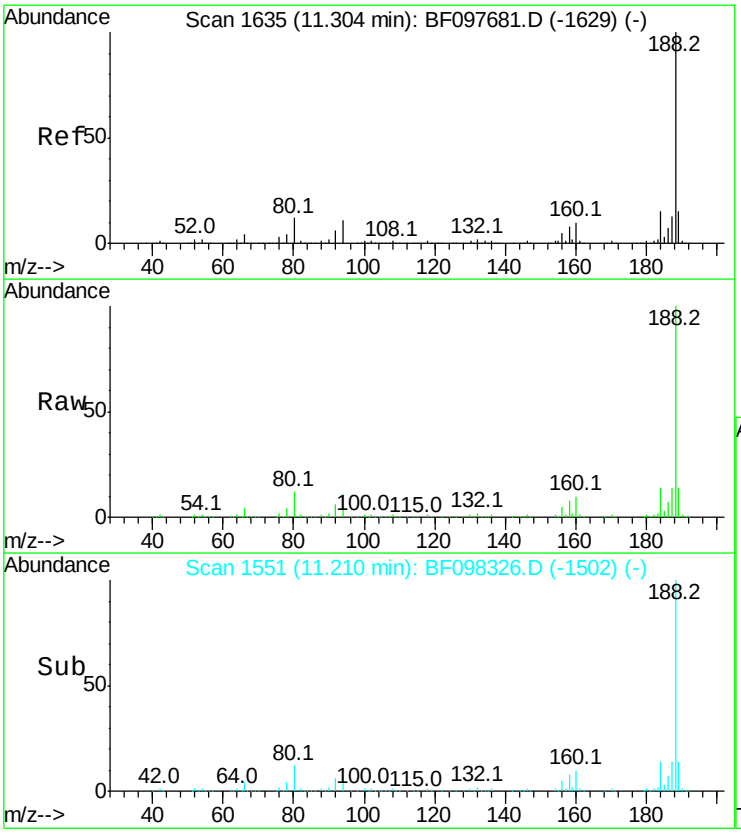

#56
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:165 Resp: 20067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 25.4 | 38.0# |
| 89 | 2.0 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |

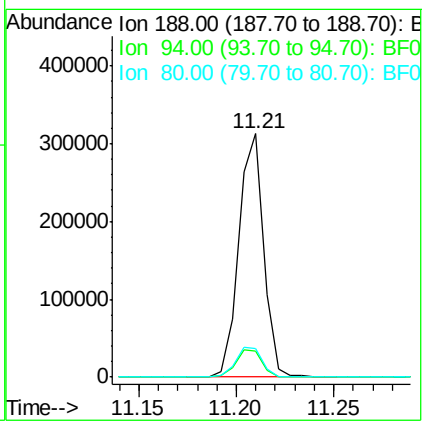


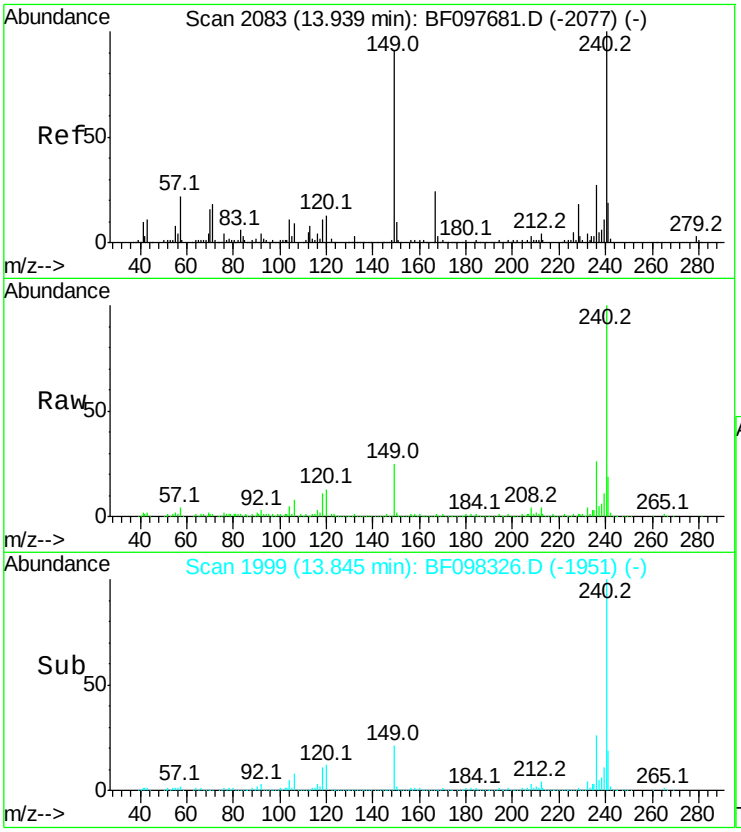




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:188 Resp: 276638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 9.4 | 14.2 |
| 80 | 11.6 | 10.2 | 15.2 |



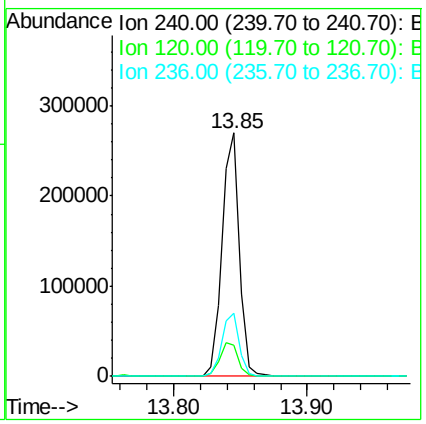


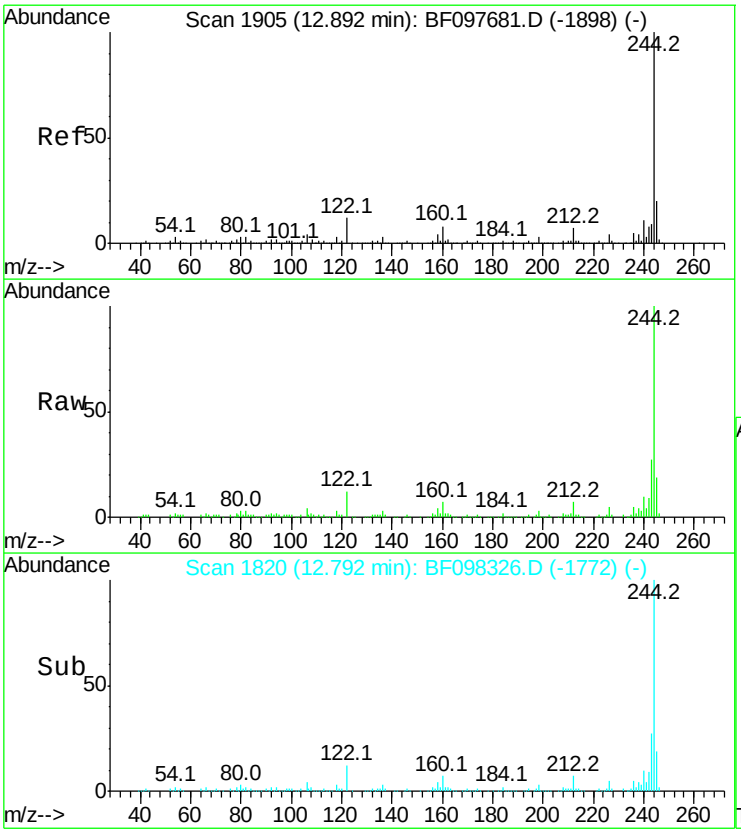

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:240 Resp: 247418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 5.8 | 8.8# |
| 236 | 26.0 | 20.5 | 30.7 |

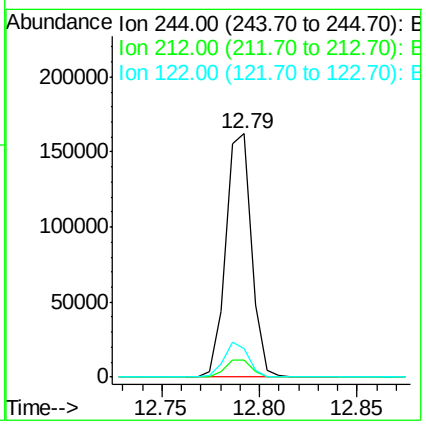


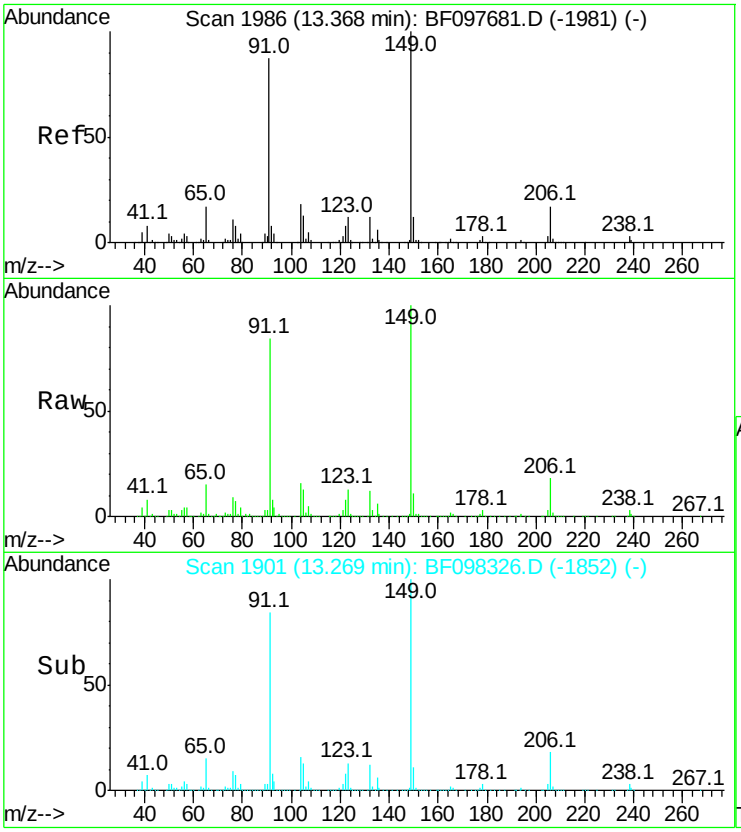




#78
Terphenyl-d14
Concen: 12.464 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:244 Resp: 147884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.0 | 9.0 |
| 122 | 11.8 | 10.3 | 15.5 |



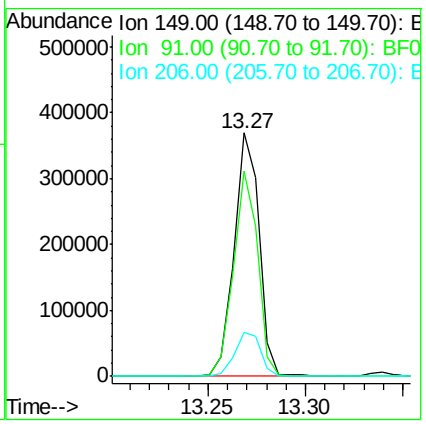


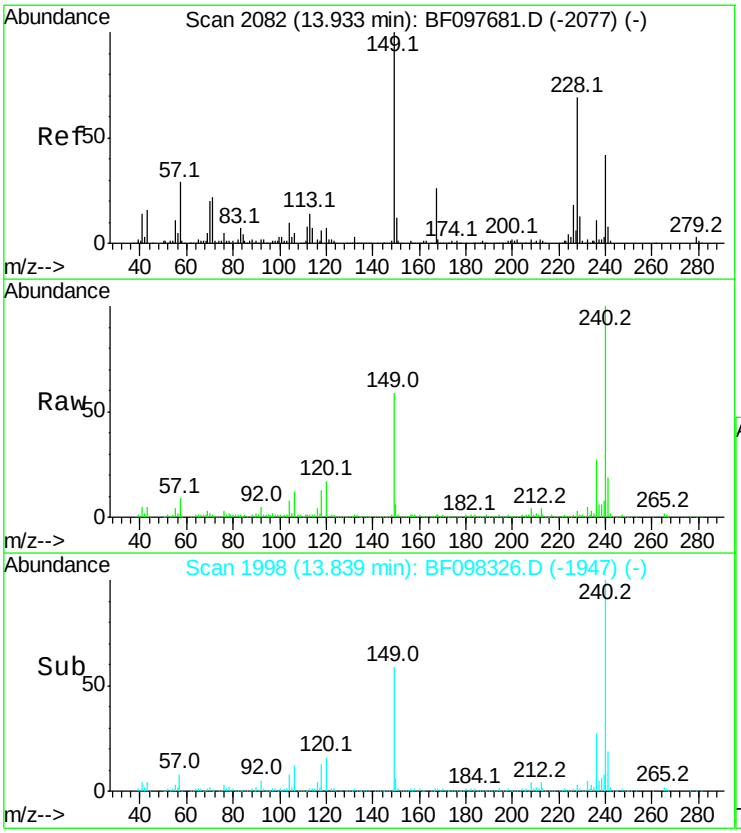

#79
Butylbenzylphthalate
Concen: 42.003 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:149 Resp: 325878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 84.2 | 45.0 | 67.4# |
| 206 | 17.9 | 17.0 | 25.6 |

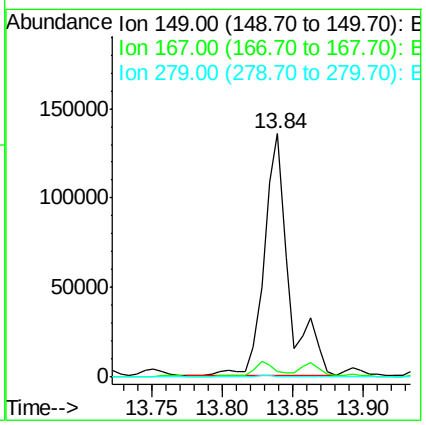


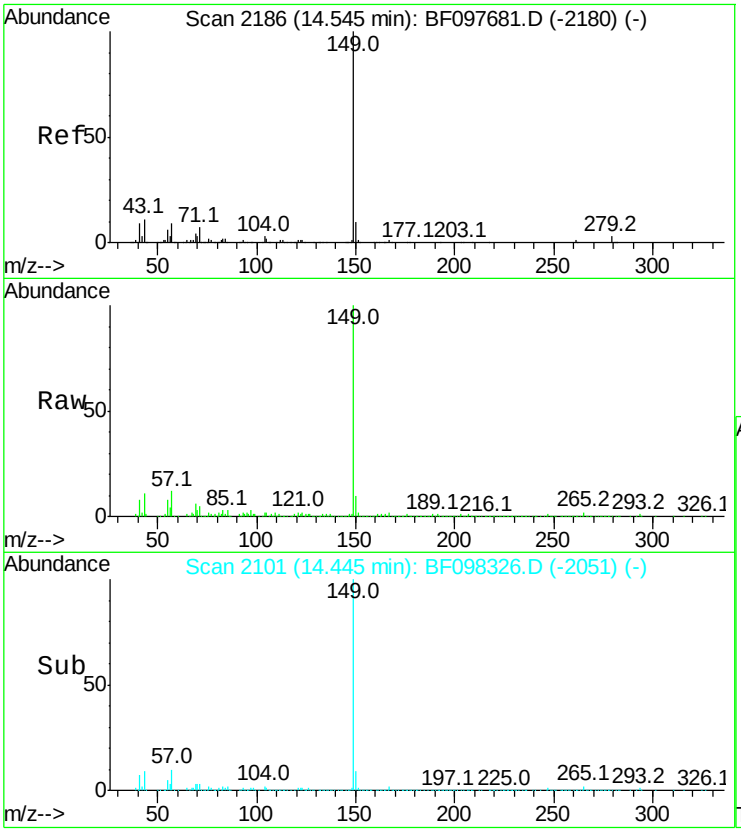




#83
Bis(2-ethylhexyl)phthalate
Concen: 19.352 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:149 Resp: 166379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.5 | 21.0 | 31.4# |
| 279 | 0.3 | 1.9 | 2.9# |



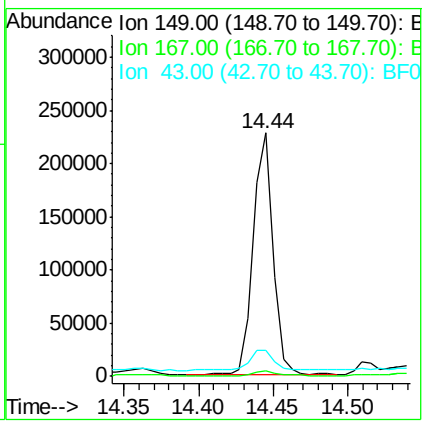


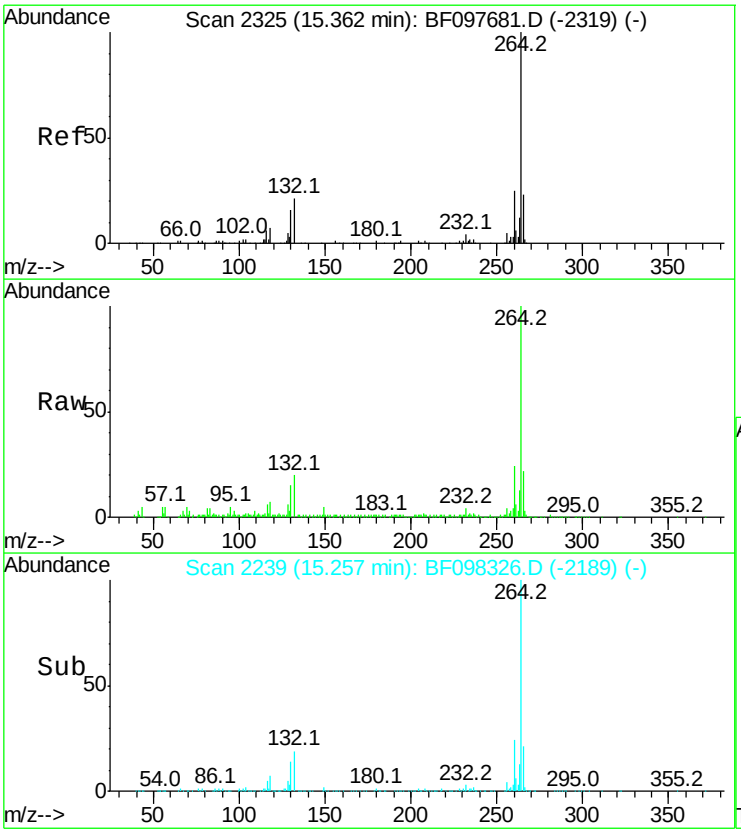

#84
Di-n-octyl phthalate
Concen: 13.800 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

**Instrument :**
BNA_F
**ClientSampleId :**
G61A-0-1.5

Tgt Ion:149 Resp: 206437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.6 | 1.2 | 1.8# |
| 43 | 9.3 | 8.5 | 12.7 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098326.D
Acq: 7 Sep 2017 21:05

Tgt Ion:264 Resp: 179161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.5 | 29.3 |
| 265 | 21.6 | 17.2 | 25.8 |