Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102205.D
Acq On : 18 Jan 2018 21:27
Operator : SJ/JU
Sample : J1168-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Jan 19 00:16:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 158078 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 628615 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 261573 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 382197 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 278465 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.29 | 264 | 248874 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 1254242 | 112.04 | ng | | 0.02 |
| 7) Phenol-d6 | 6.37 | 99 | 1500343 | 112.33 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 920850 | 86.08 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 266775 | 116.87 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.09 | 172 | 1567769 | 93.64 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.83 | 244 | 1077892 | 80.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.49 | 77 | 26746 | 2.884 | ng | | 83 |
| 10) Phenol | 6.37 | 94 | 67444 | 4.468 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 124311 | 14.202 | ng | # | 79 |
| 25) Isophorone | 7.29 | 82 | 912942 | 43.192 | ng | # | 64 |
| 49) Dimethylphthalate | 9.47 | 163 | 227403 | 10.837 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.76 | 165 | 32623 | 6.210 | ng | # | 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 488 | 5.870 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.55 | 248 | 17113 | 4.240 | ng | # | 1 |

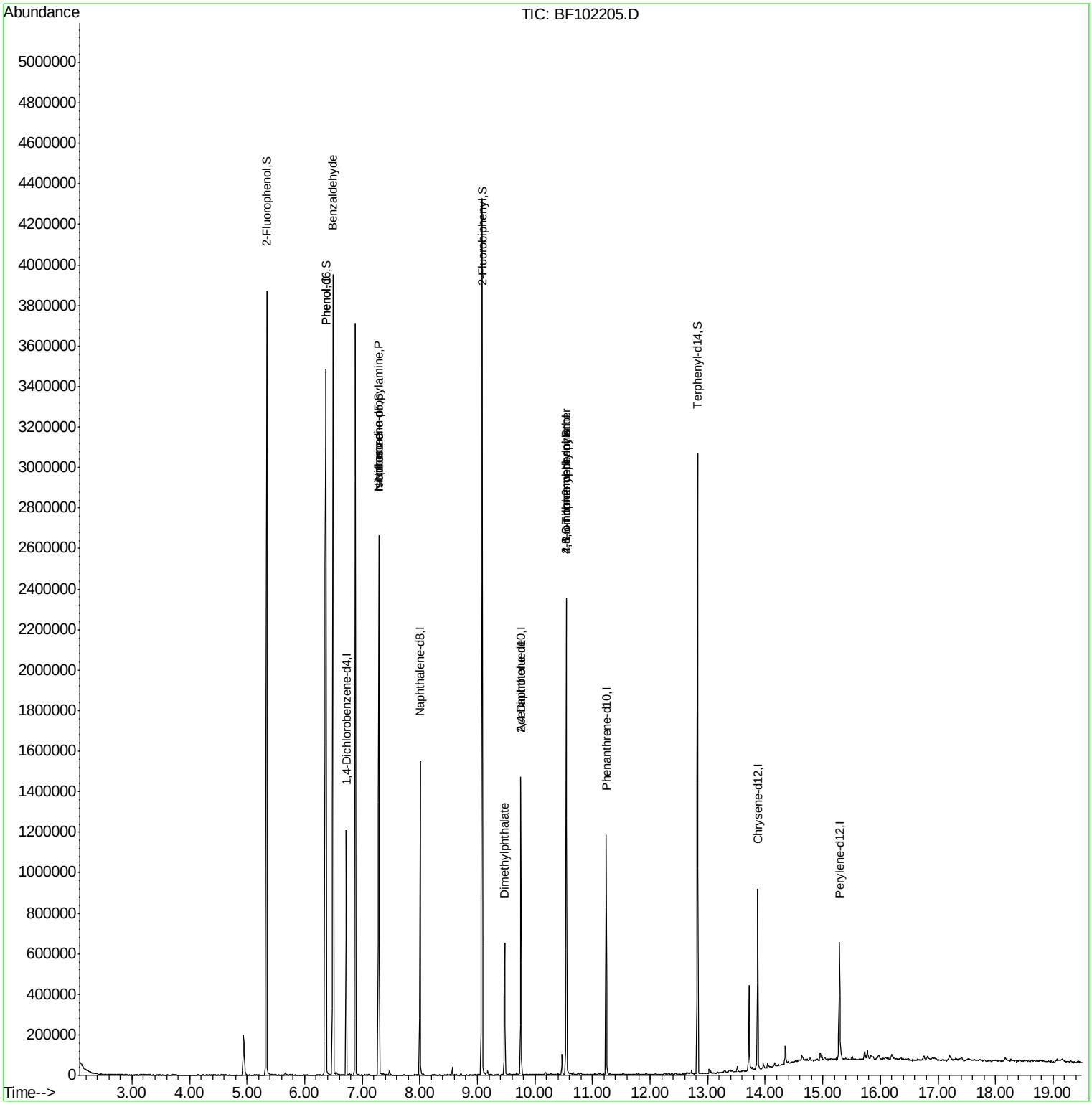
(#) = qualifier out of range (m) = manual integration (+) = signals summed

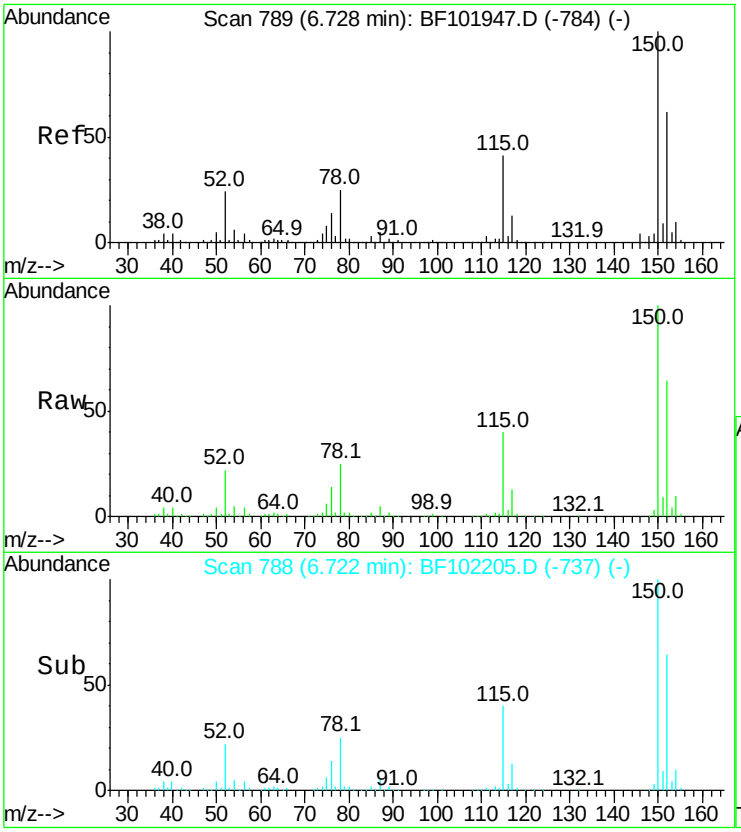
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102205.D
Acq On : 18 Jan 2018 21:27
Operator : SJ/JU
Sample : J1168-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Jan 19 00:16:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



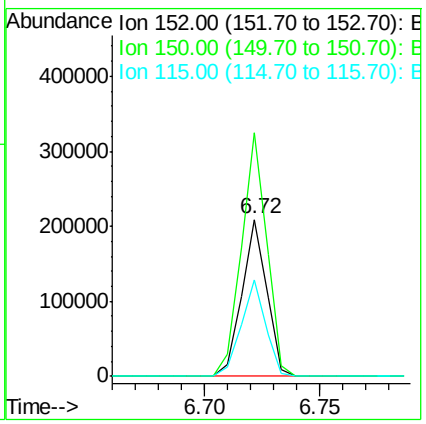


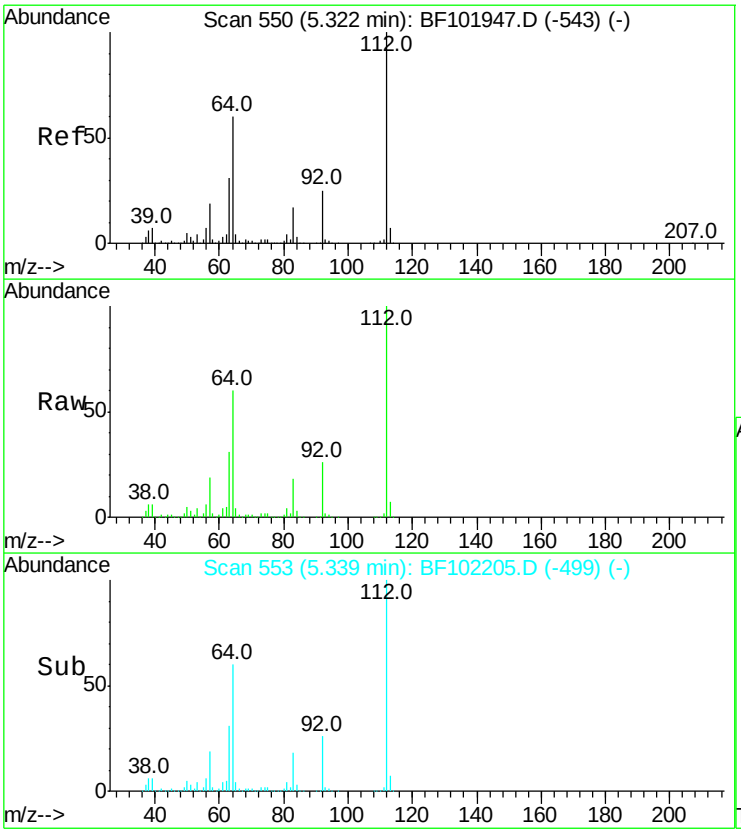

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 158078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 124.6 | 186.8 |
| 115 | 61.7 | 50.1 | 75.1 |

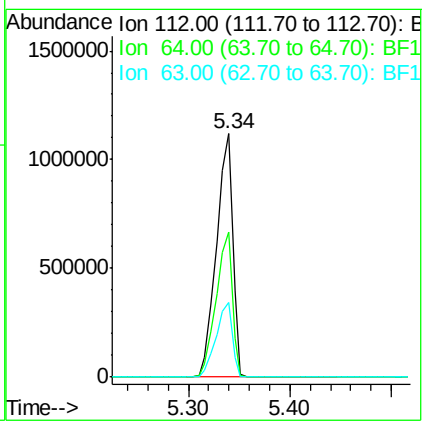


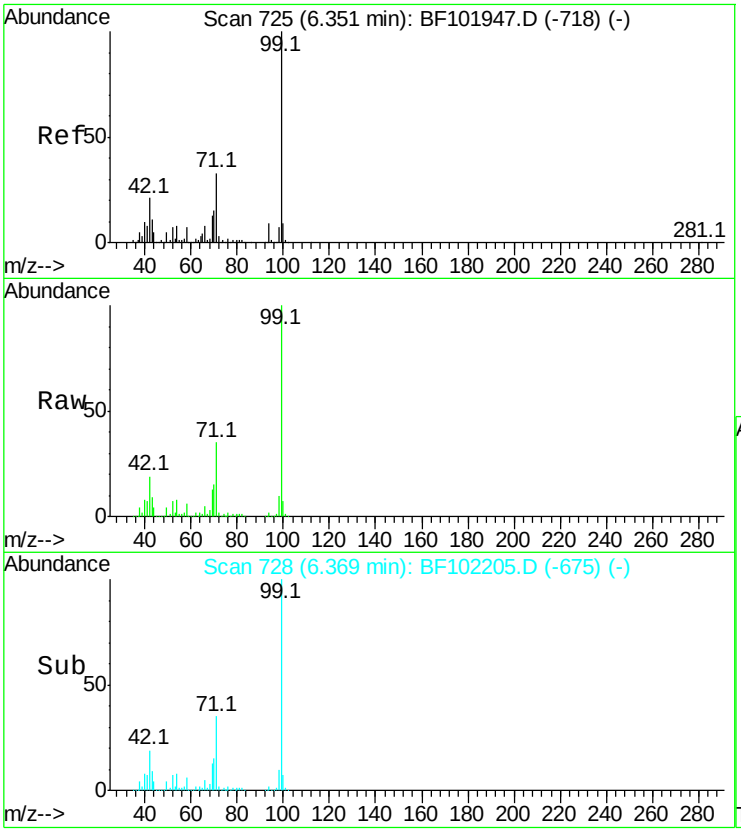




#5
2-Fluorophenol
Concen: 112.039 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:112 Resp: 1254242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.6 | 47.9 | 71.9 |
| 63 | 30.6 | 23.7 | 35.5 |



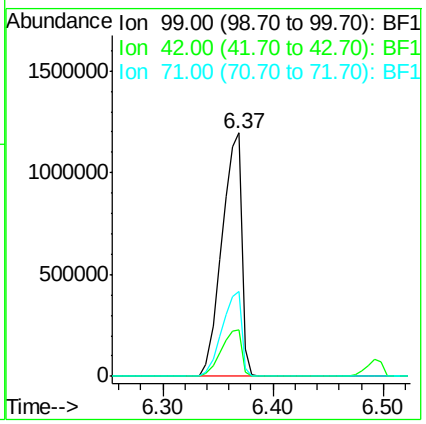


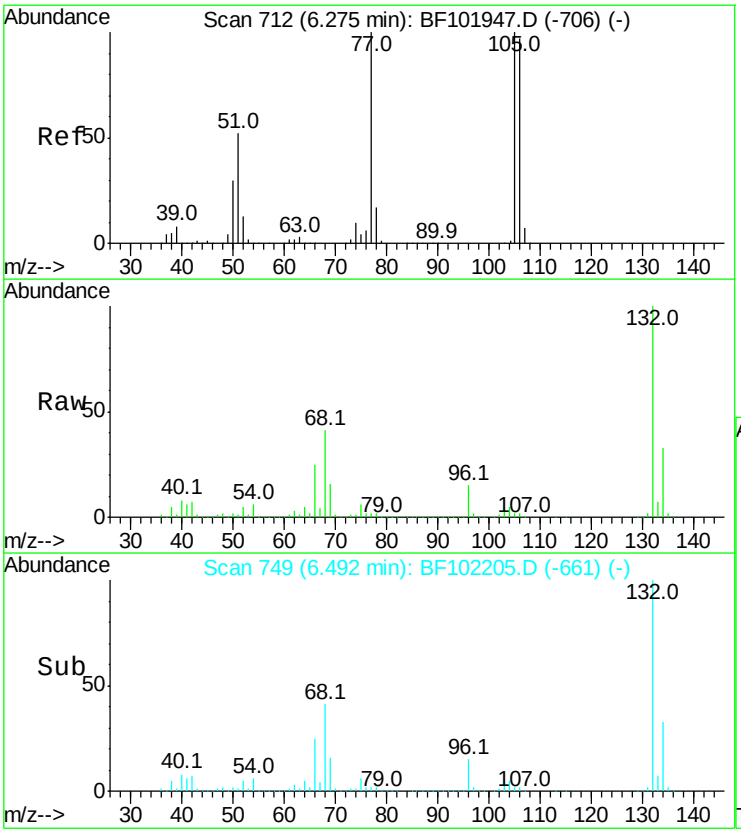

#7
Phenol-d6
Concen: 112.331 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 1500343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 14.5 | 21.7 |
| 71 | 34.8 | 25.4 | 38.0 |

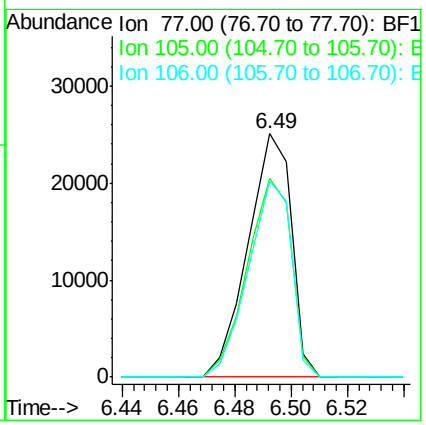


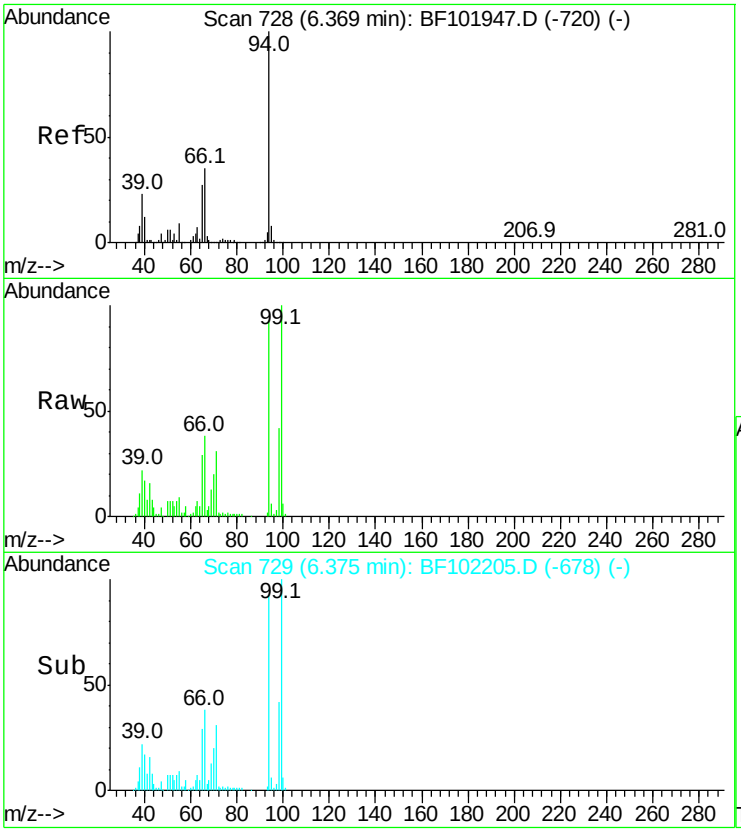




#9
Benzaldehyde
Concen: 2.884 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion: 77 Resp: 26746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 81.6 | 81.1 | 121.1 |
| 106 | 80.8 | 74.5 | 114.5 |



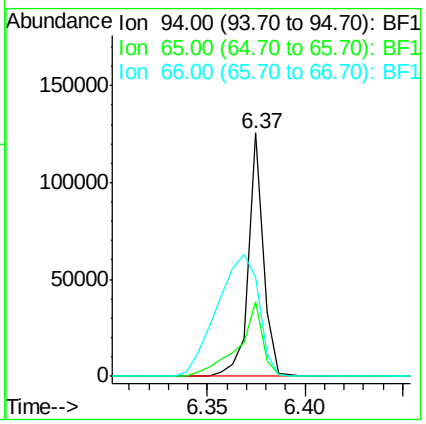


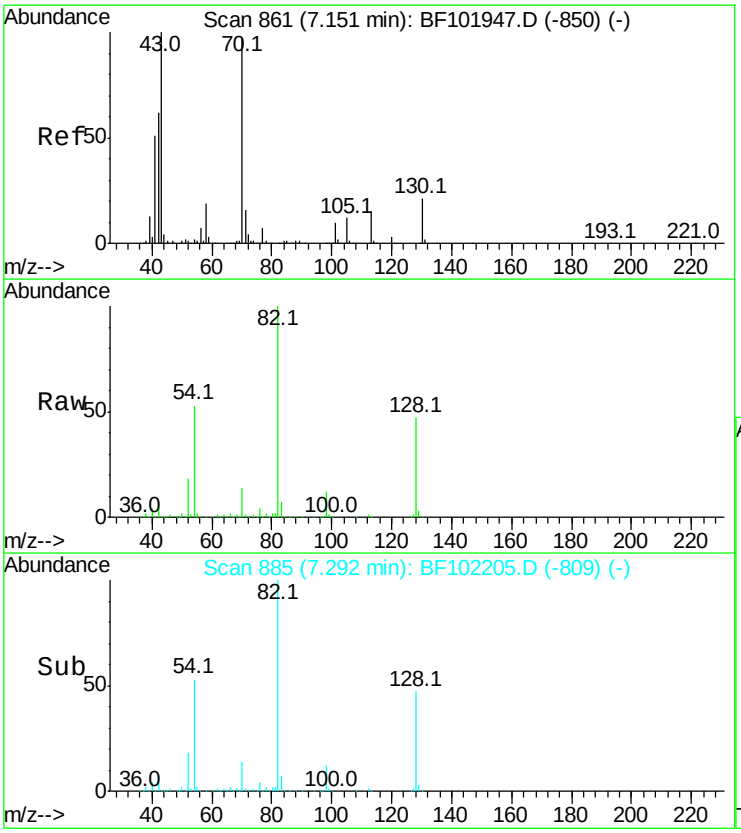

#10
Phenol
Concen: 4.468 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 94 Resp: 67444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.7 | 7.9 | 47.9 |
| 66 | 40.5 | 16.2 | 56.2 |

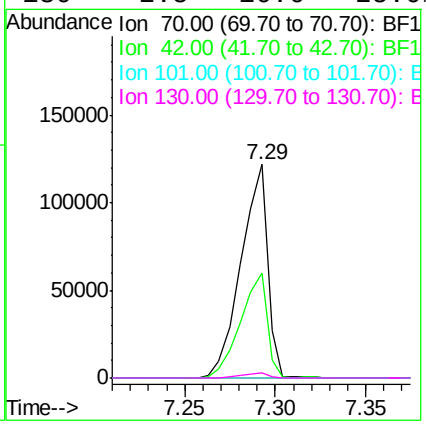


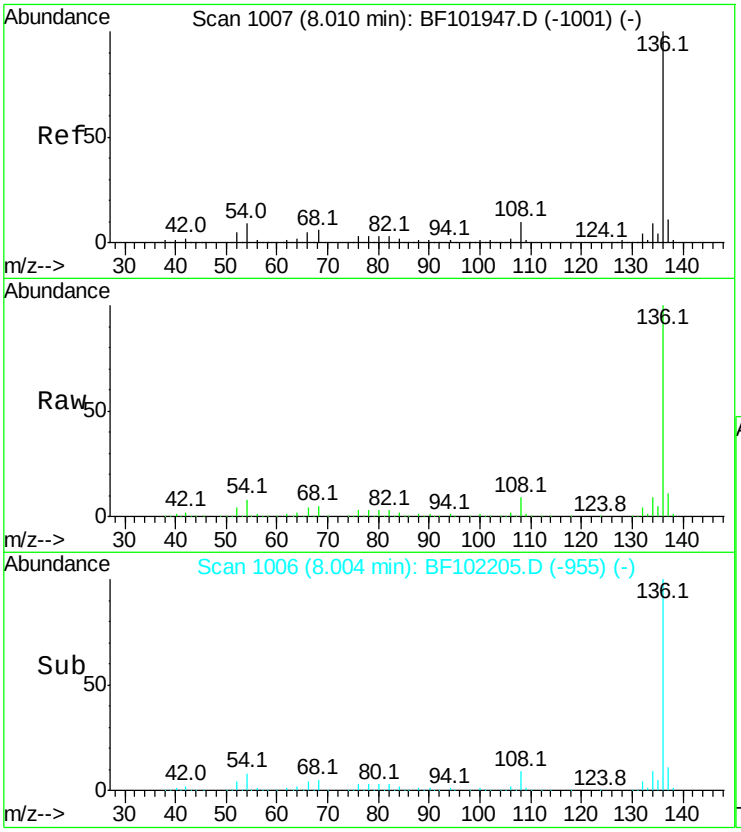




#19
n-Nitroso-di-n-propylamine
Concen: 14.202 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion: 70 Resp: 124311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.9 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.5 | 16.6 | 25.0# |



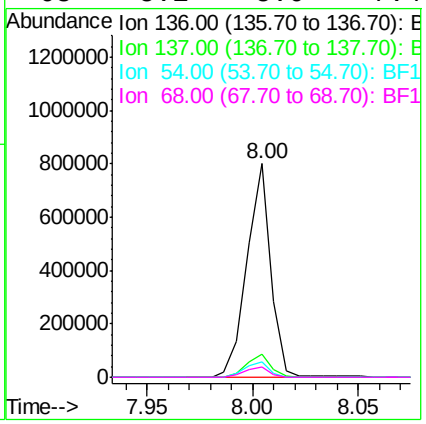


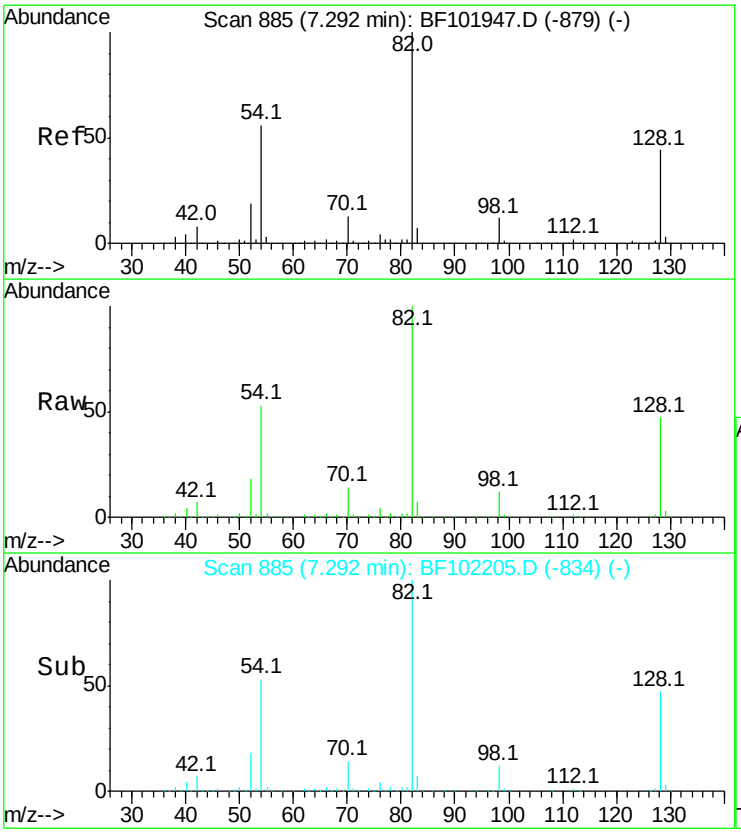

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:136 Resp: 628615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 7.5 | 6.6 | 9.8 |
| 68 | 5.1 | 5.0 | 7.4 |

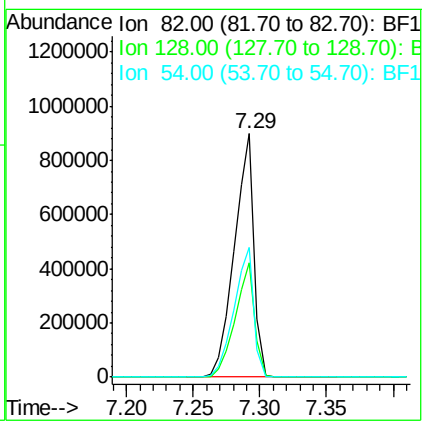


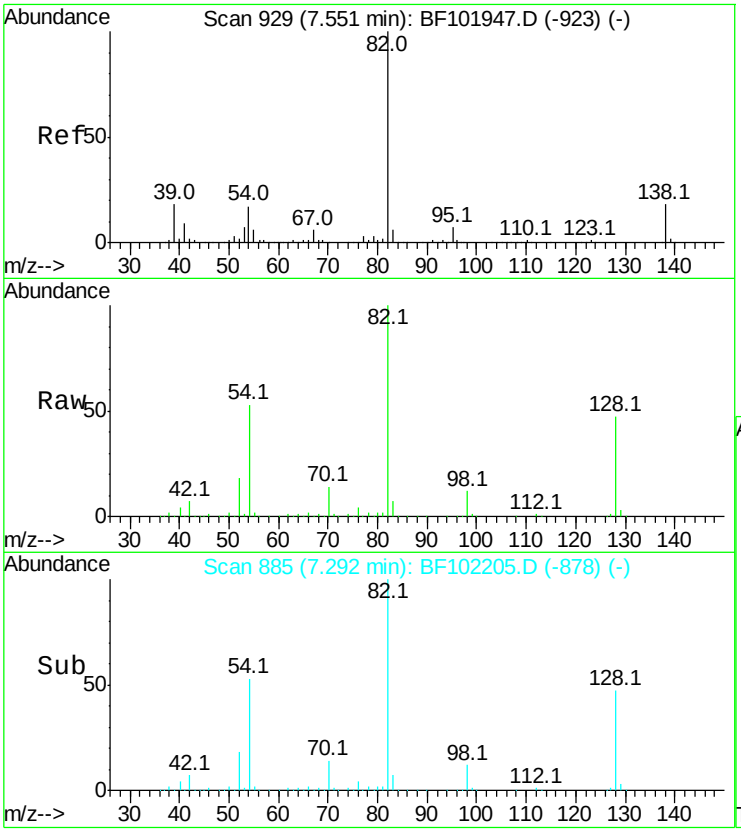




#23
Nitrobenzene-d5
Concen: 86.083 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion: 82 Resp: 920850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 36.1 | 54.1 |
| 54 | 53.4 | 41.4 | 62.2 |



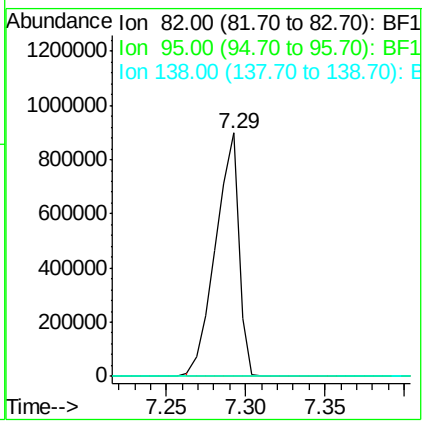


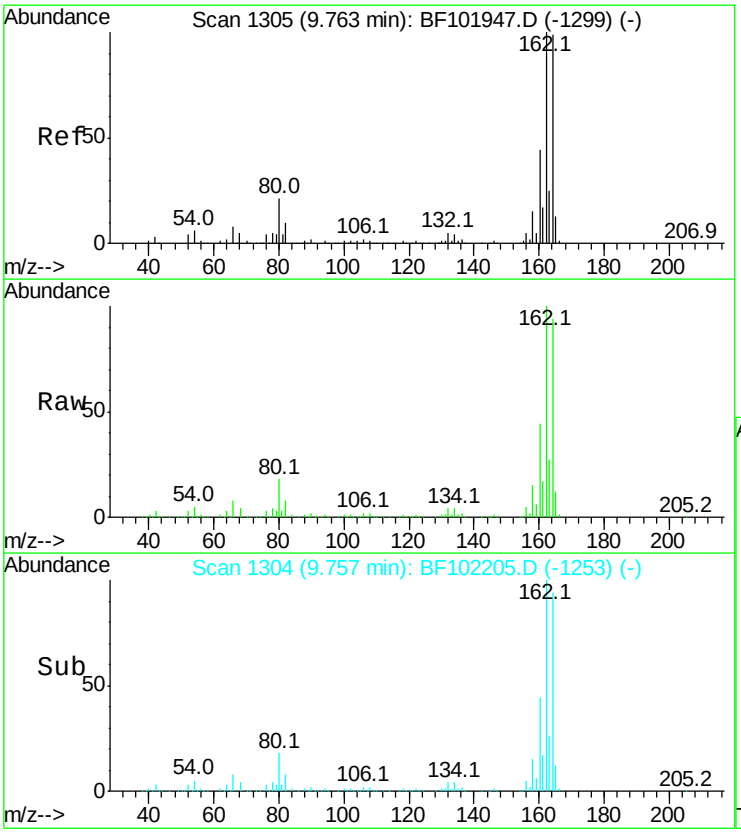

#25
Isophorone
Concen: 43.192 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 912942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

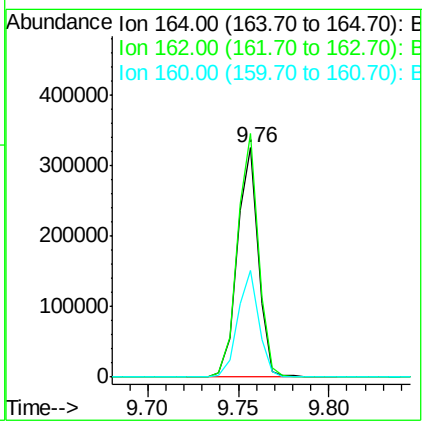


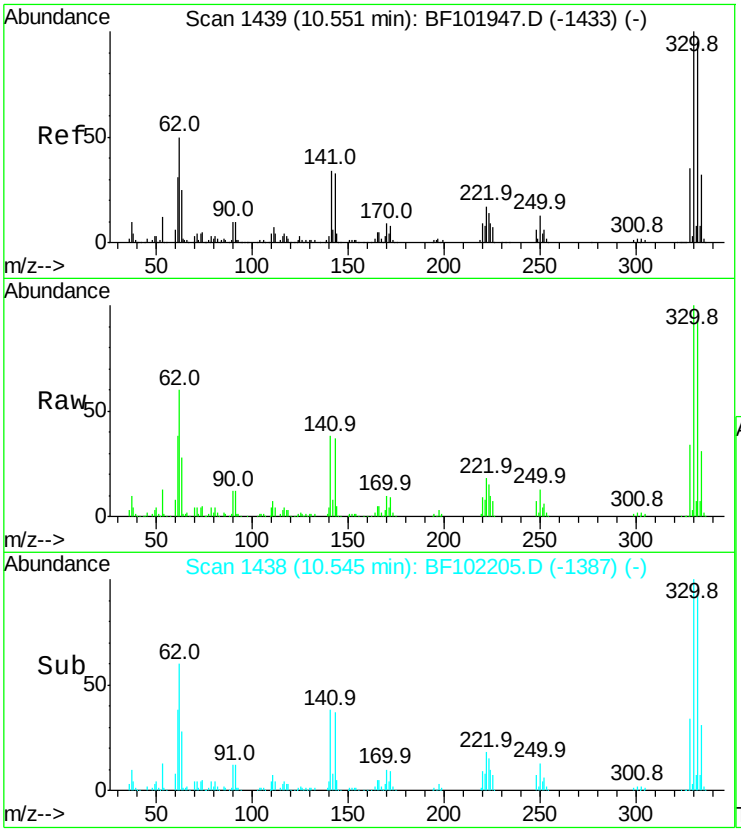




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:164 Resp: 261573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.4 | 86.1 | 129.1 |
| 160 | 46.5 | 38.3 | 57.5 |



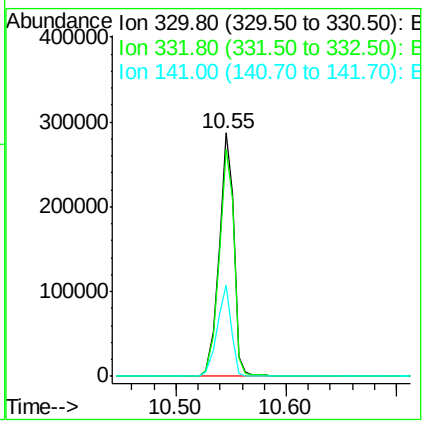


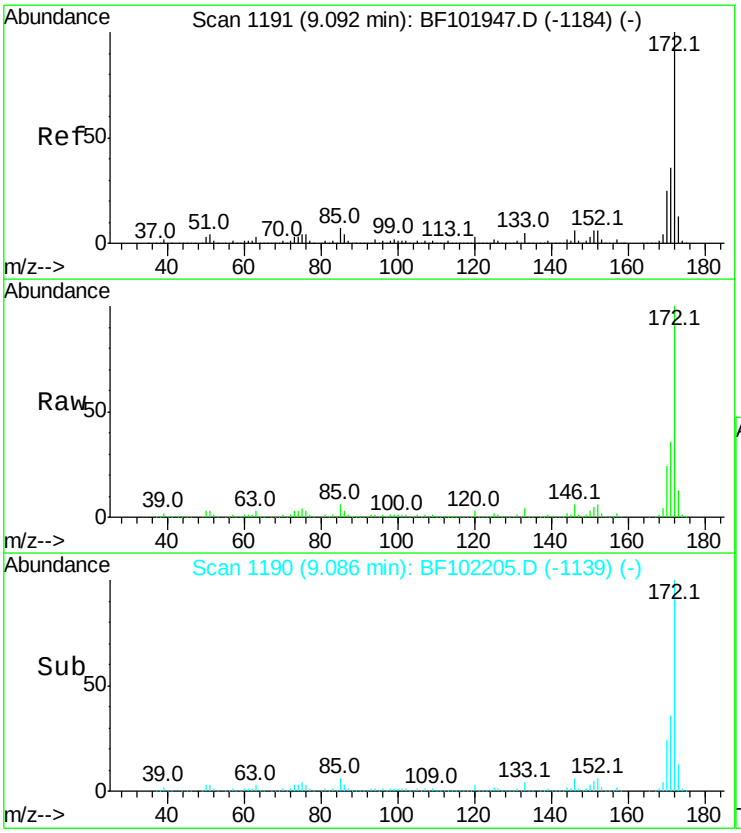

#41
2,4,6-Tribromophenol
Concen: 116.867 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:330 Resp: 266775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 77.0 | 115.6 |
| 141 | 36.5 | 29.9 | 44.9 |

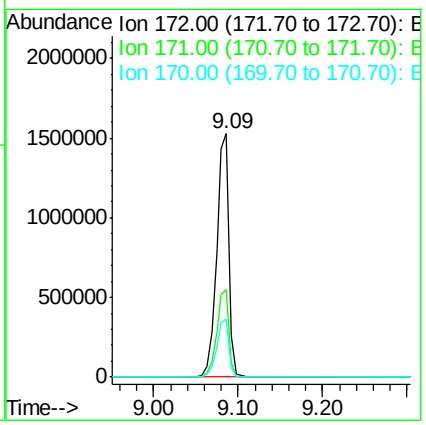


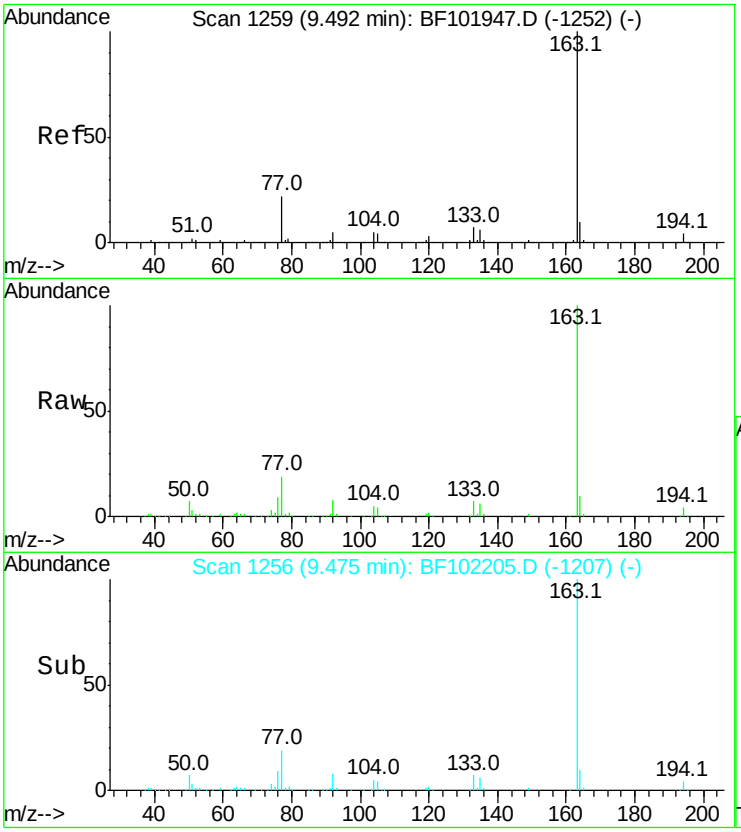




#44
2-Fluorobiphenyl
Concen: 93.637 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:172 Resp: 1567769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 23.8 | 19.6 | 29.4 |



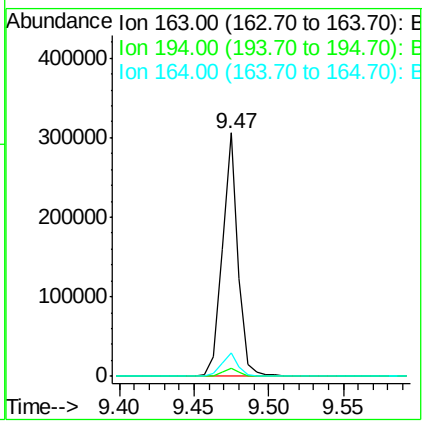


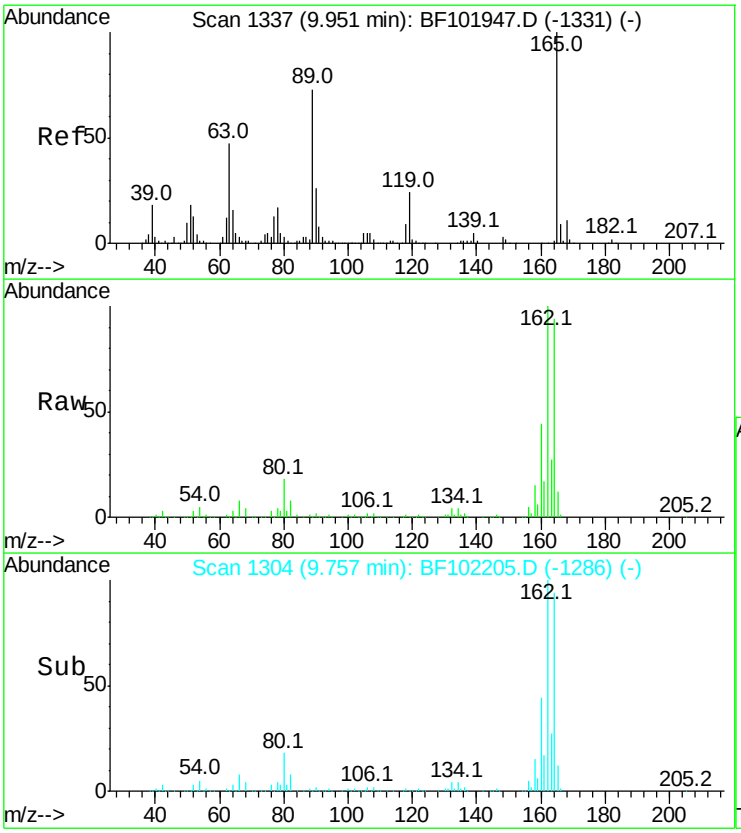

#49
Dimethylphthalate
Concen: 10.837 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:163 Resp: 227403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.7 | 4.1 |
| 164 | 9.5 | 8.2 | 12.2 |

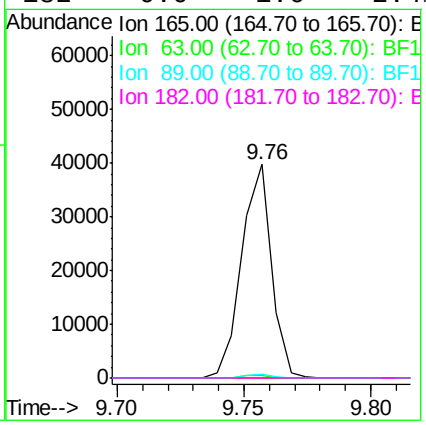


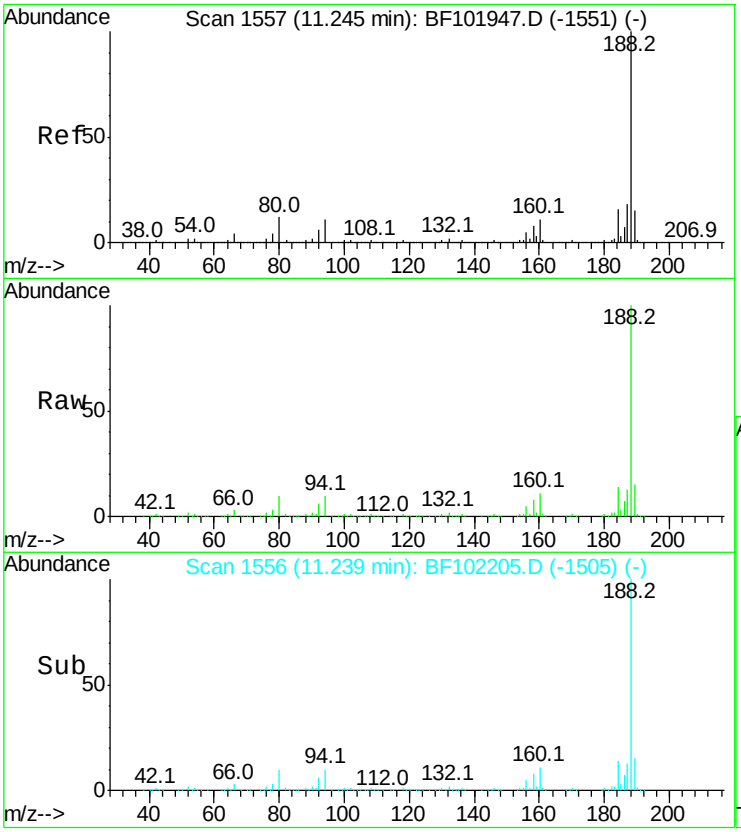




#56
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:165 Resp: 32623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 36.4 | 54.6# |
| 89 | 1.8 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



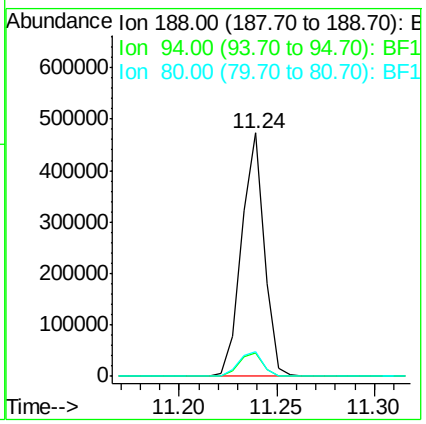


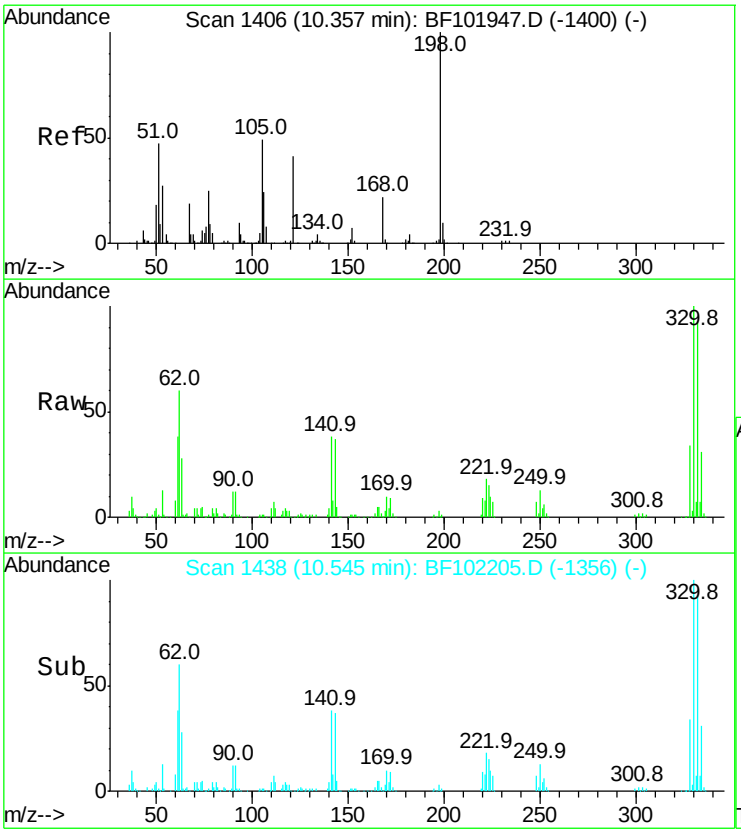

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:188 Resp: 382197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 8.5 | 12.7 |
| 80 | 10.1 | 9.2 | 13.8 |

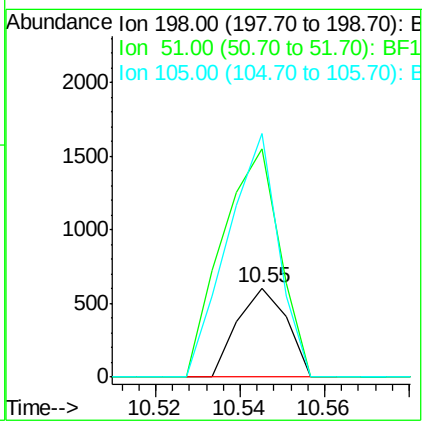


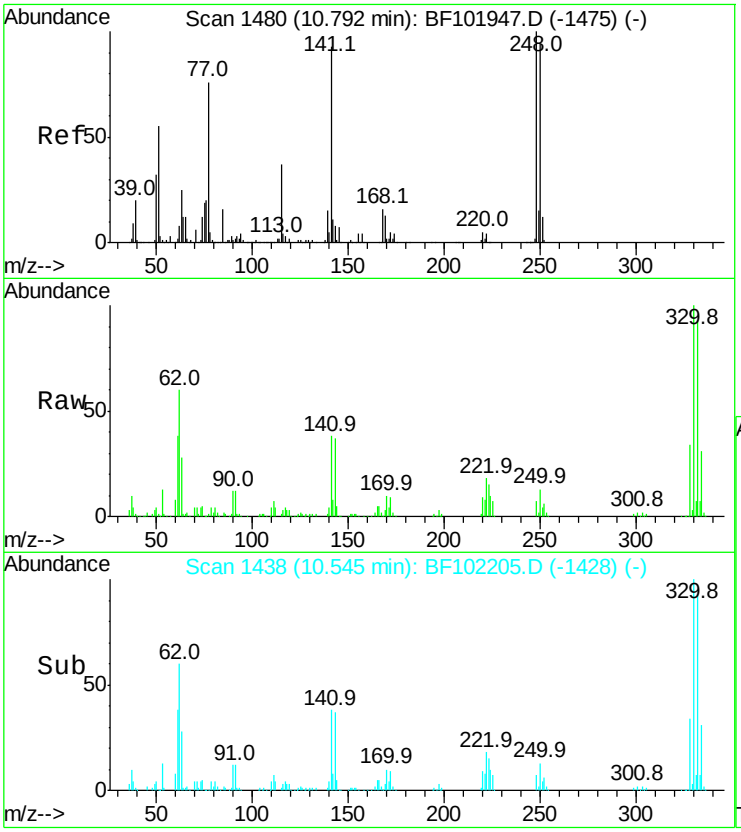




#64
4,6-Dinitro-2-methylphenol
Concen: 5.870 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:198 Resp: 488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 257.8 | 37.7 | 77.7# |
| 105 | 274.4 | 36.3 | 76.3# |



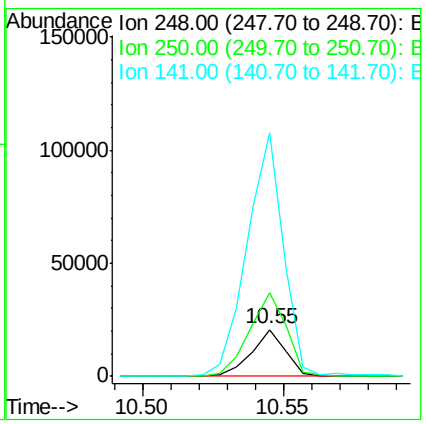


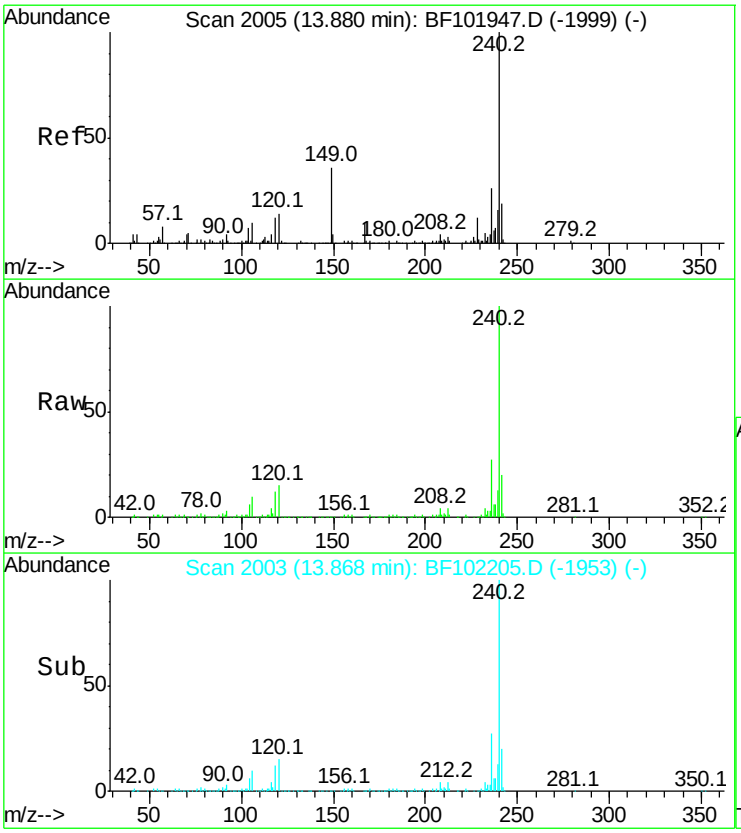

#66
4-Bromophenyl-phenylether
Concen: 4.240 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:248 Resp: 17113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 178.1 | 76.9 | 115.3# |
| 141 | 517.4 | 74.4 | 111.6# |

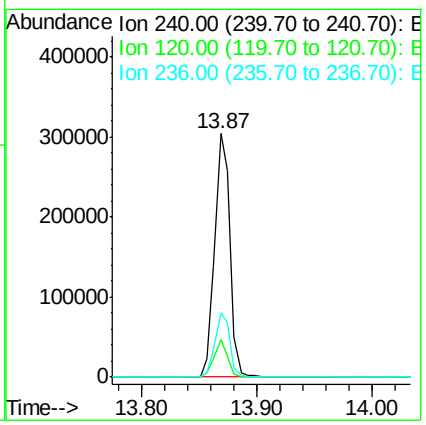


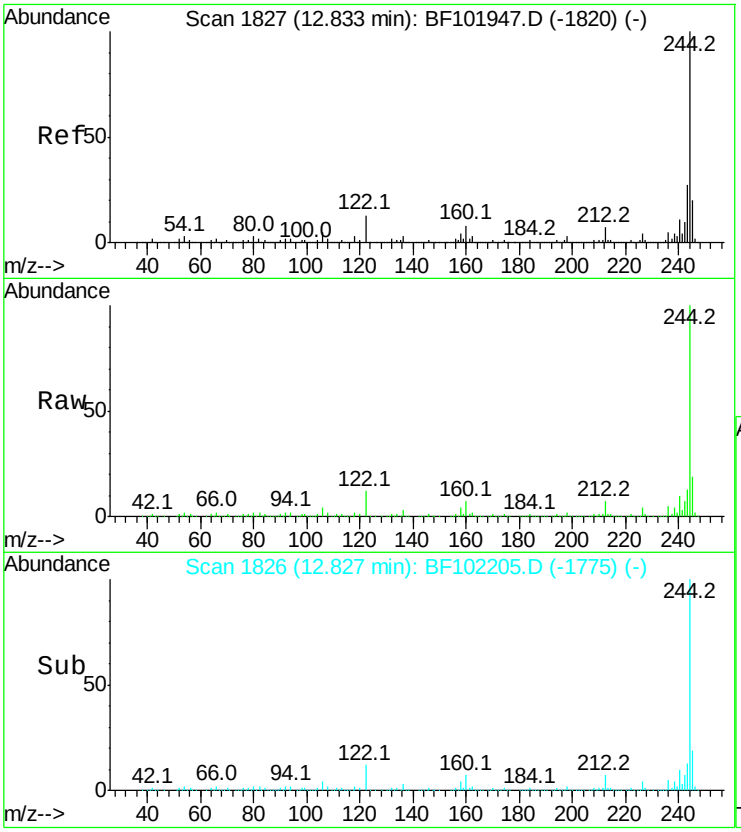




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:240 Resp: 278465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.5 | 9.5 | 14.3# |
| 236 | 26.7 | 20.7 | 31.1 |



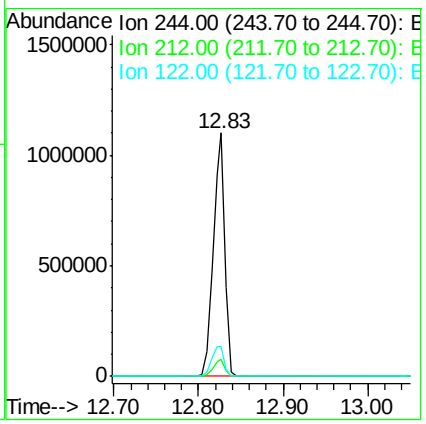


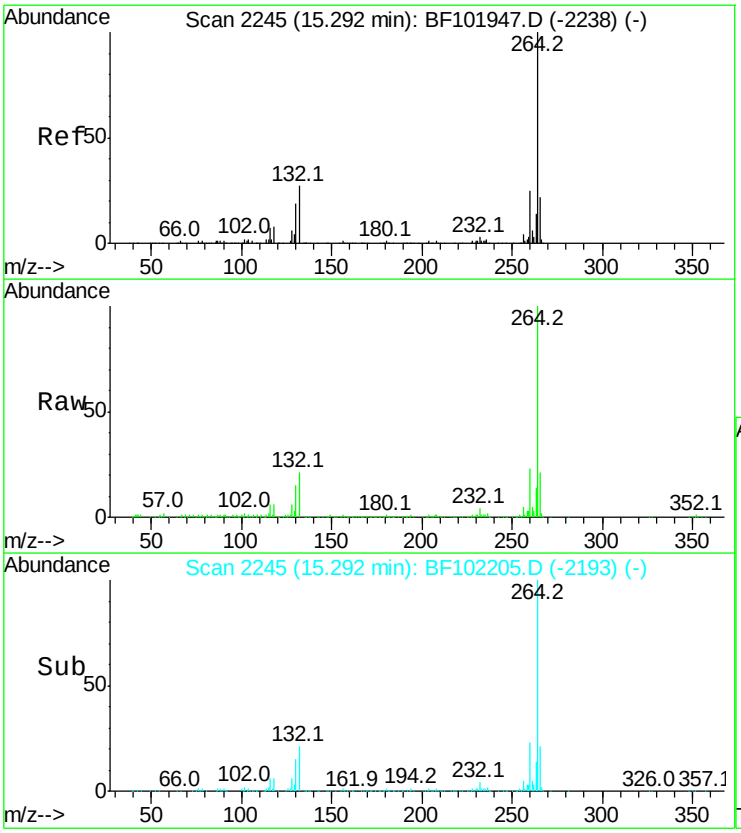

#78
Terphenyl-d14
Concen: 80.369 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 1077892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.4 | 8.0 |
| 122 | 12.5 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102205.D
Acq: 18 Jan 2018 21:27

Tgt Ion:264 Resp: 248874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 19.2 | 28.8 |
| 265 | 21.4 | 17.5 | 26.3 |