Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102887.D
Acq On : 9 Feb 2018 14:33
Operator : SJ/JU
Sample : J1476-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 09 15:41:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 157408 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 622027 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 245793 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 383304 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.05 | 240 | 326816 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.54 | 264 | 311381 | 20.00 | ng | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 609956 | 58.85 | ng | 0.01 |
| 7) Phenol-d6 | 6.51 | 99 | 1023477 | 82.01 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 789379 | 88.03 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 97738 | 49.40 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.25 | 172 | 1093585 | 73.83 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.00 | 244 | 806975 | 58.47 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Isophorone | 7.45 | 82 | 789371 | 38.231 | ng | # 64 |
| 26) 2-Nitrophenol | 8.00 | 139 | 134 | 8.692 | ng | # 34 |
| 47) 2-Nitroaniline | 9.50 | 65 | 238 | 3.516 | ng | # 44 |
| 49) Dimethylphthalate | 9.63 | 163 | 63816 | 3.330 | ng | 98 |
| 50) 2,6-Dinitrotoluene | 9.92 | 165 | 30912 | 8.478 | ng | # 25 |
| 55) 4-Nitrophenol | 10.13 | 139 | 107 | 4.051 | ng | # 9 |
| 56) 2,4-Dinitrotoluene | 9.92 | 165 | 30912 | 8.992 | ng | # 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.71 | 198 | 129 | 8.867 | ng | # 1 |

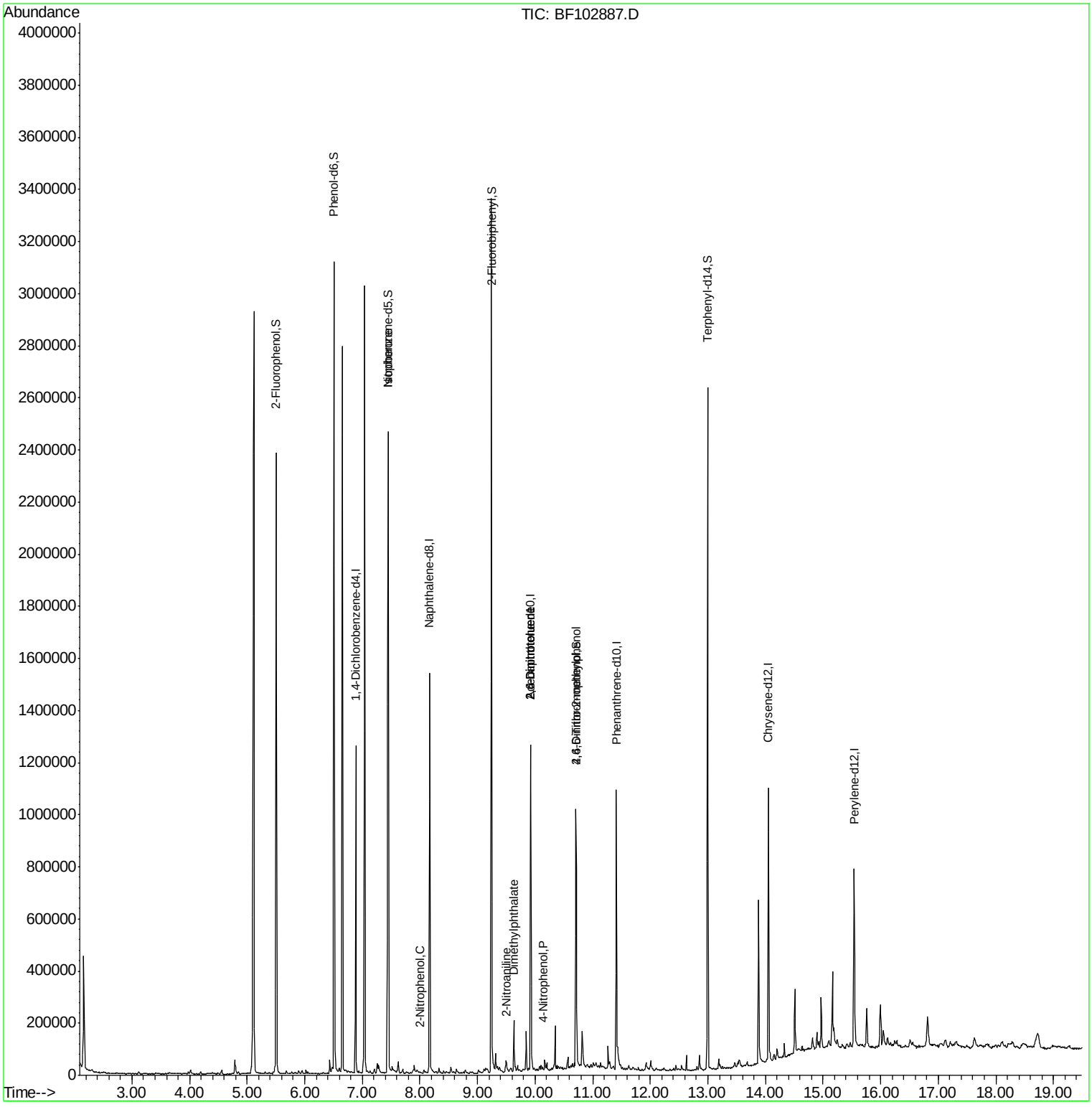
(#) = qualifier out of range (m) = manual integration (+) = signals summed

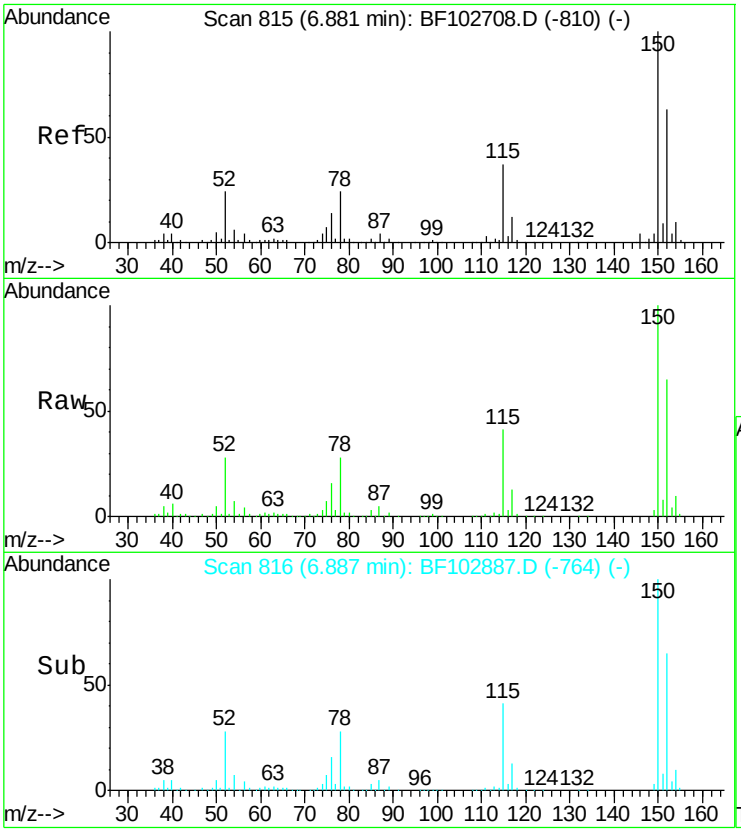
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102887.D
Acq On : 9 Feb 2018 14:33
Operator : SJ/JU
Sample : J1476-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 09 15:41:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



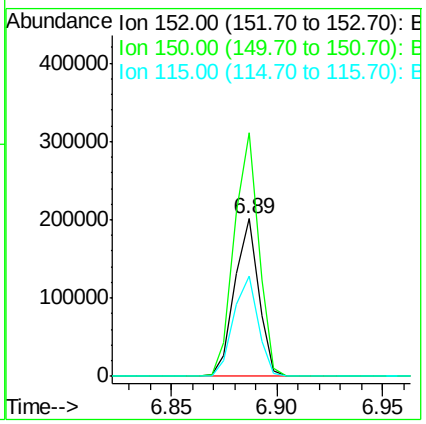


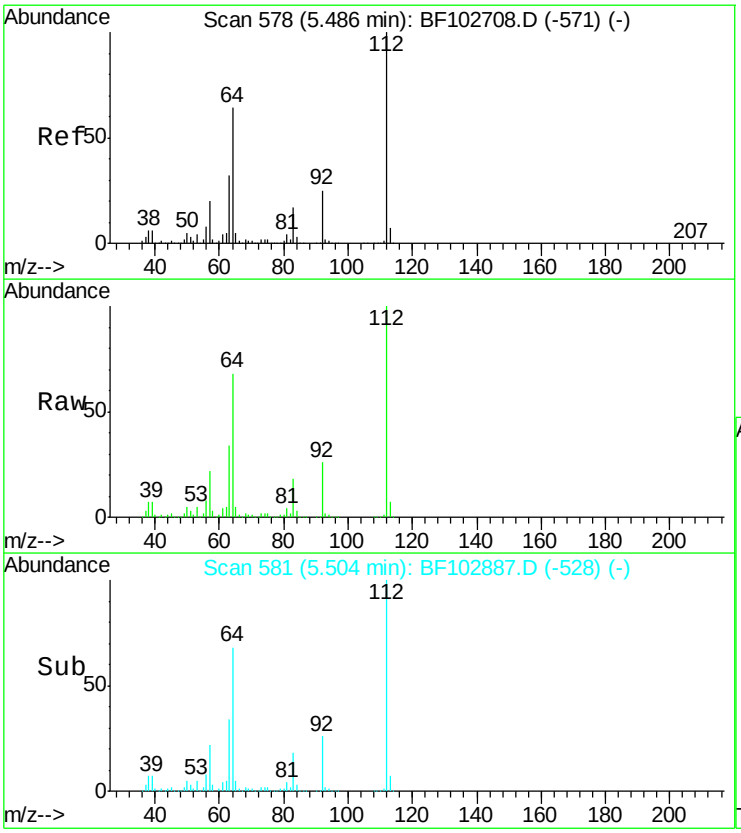

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:152 Resp: 157408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 124.6 | 186.8 |
| 115 | 63.5 | 50.1 | 75.1 |

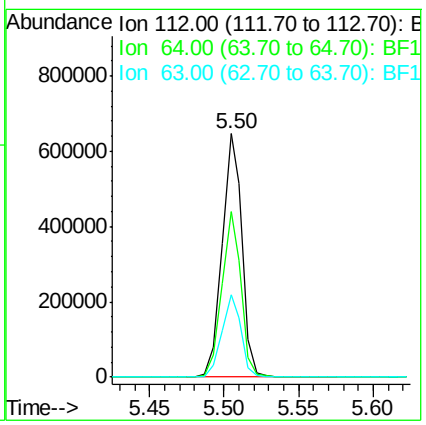


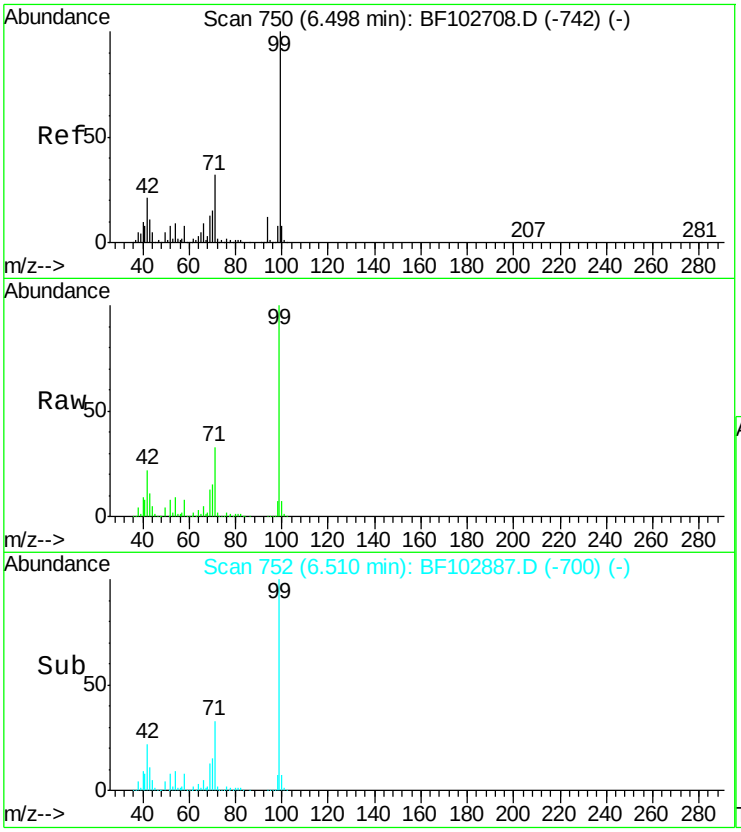




#5
2-Fluorophenol
Concen: 58.848 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:112 Resp: 609956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.2 | 47.9 | 71.9 |
| 63 | 33.9 | 23.7 | 35.5 |



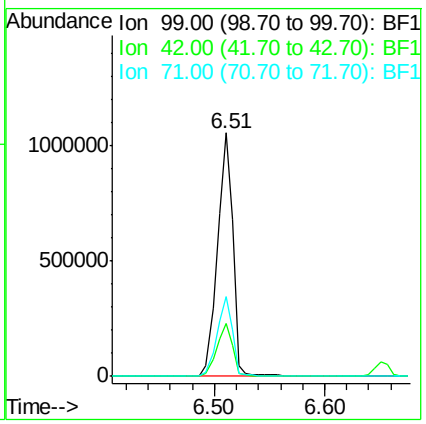


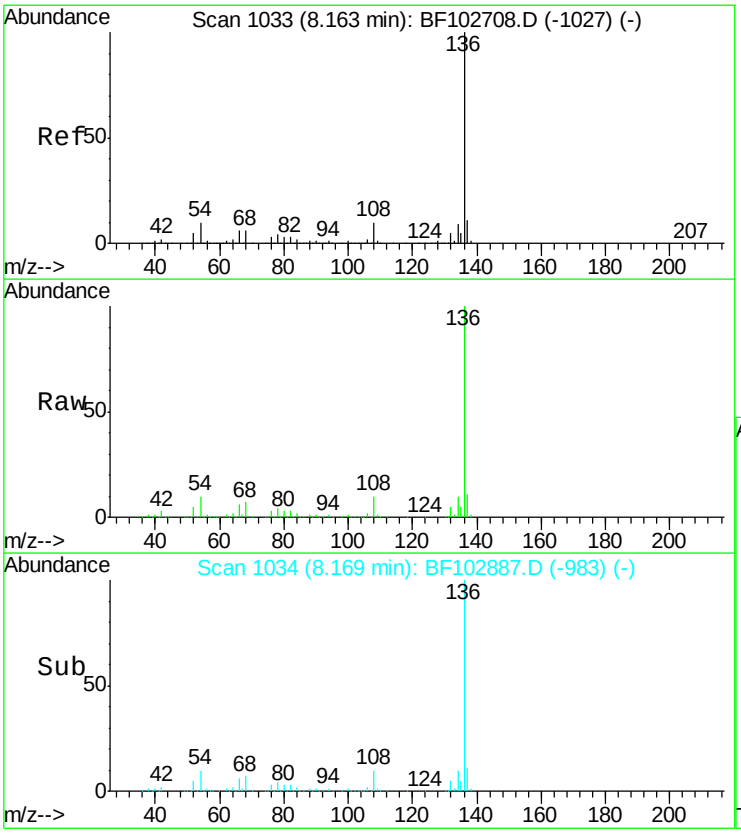

#7
Phenol-d6
Concen: 82.009 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion: 99 Resp: 1023477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 14.5 | 21.7# |
| 71 | 32.8 | 25.4 | 38.0 |

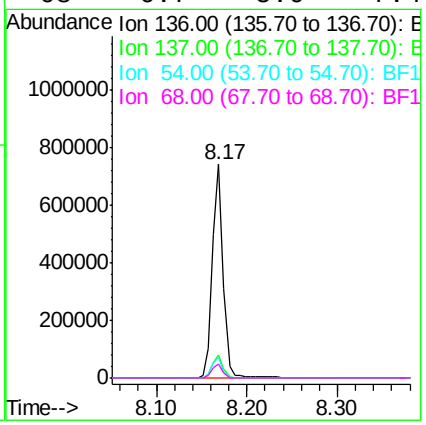


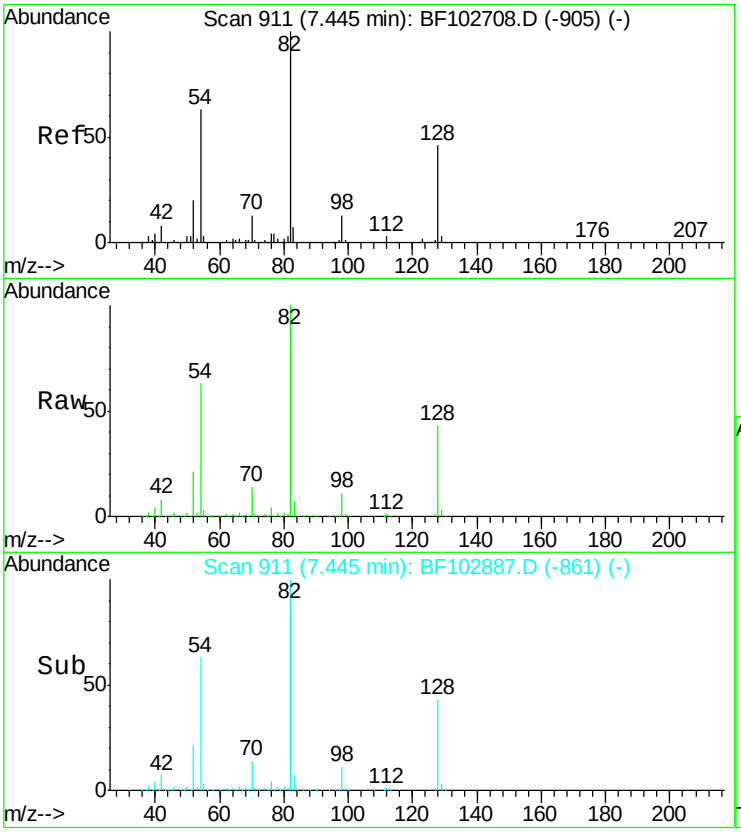




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:136 Resp: 622027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 9.8 | 6.6 | 9.8 |
| 68 | 6.7 | 5.0 | 7.4 |



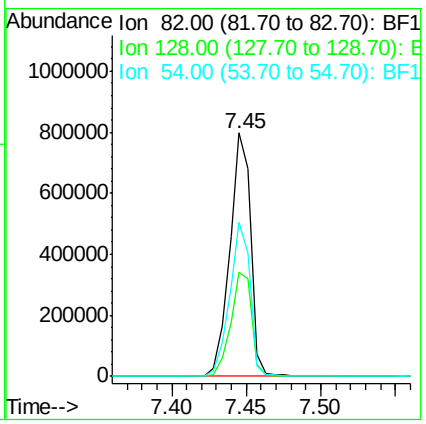


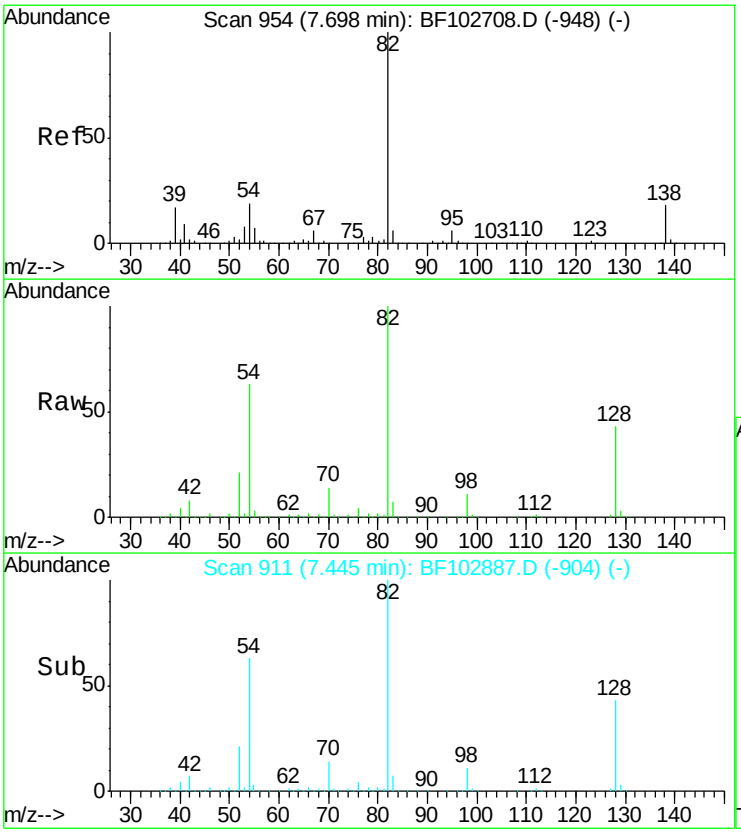

#23
Nitrobenzene-d5
Concen: 88.034 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion: 82 Resp: 789379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 36.1 | 54.1 |
| 54 | 63.3 | 41.4 | 62.2# |

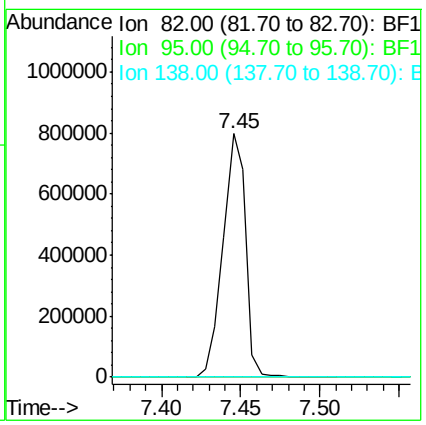


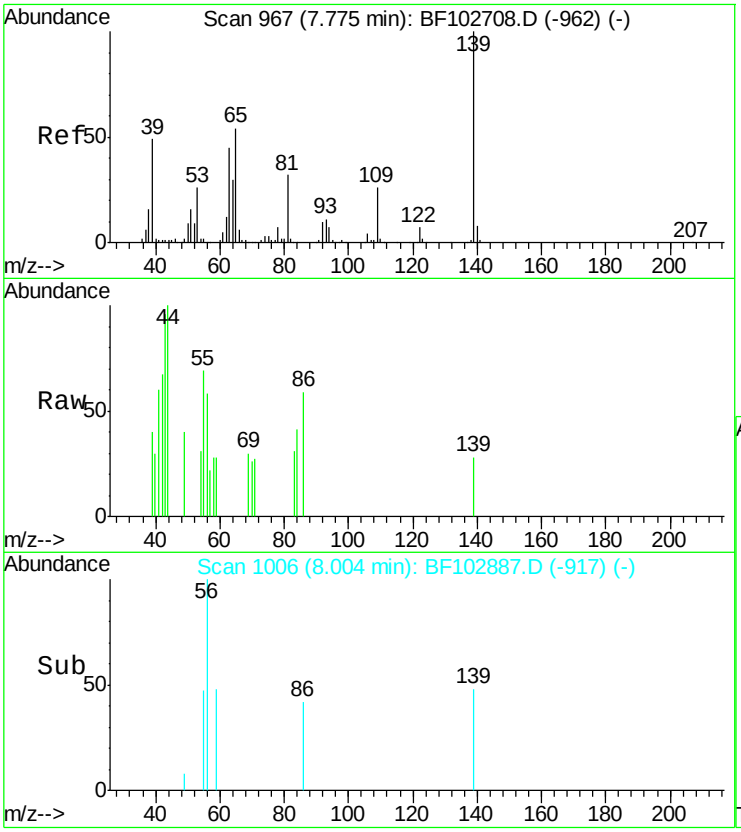




#25
Isophorone
Concen: 38.231 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion: 82 Resp: 789371

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



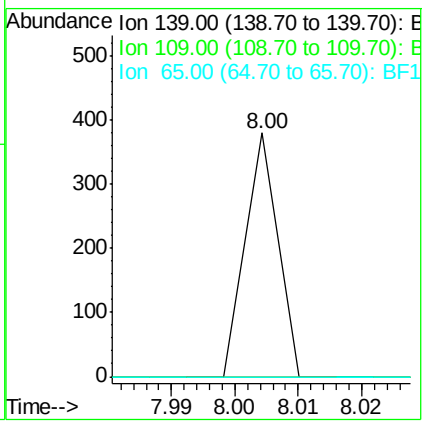


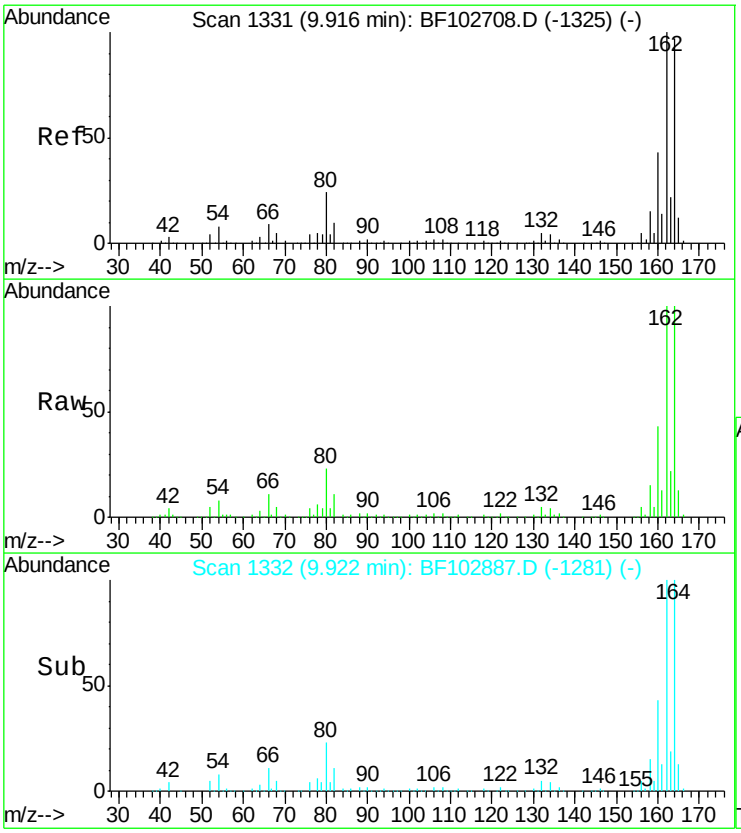

#26
2-Nitrophenol
Concen: 8.692 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.22 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:139 Resp: 134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 22.7 | 34.1# |
| 65 | 0.0 | 40.5 | 60.7# |

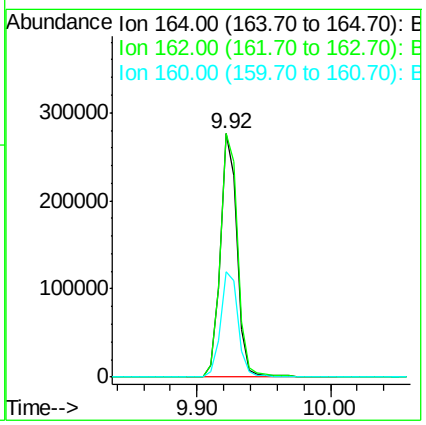


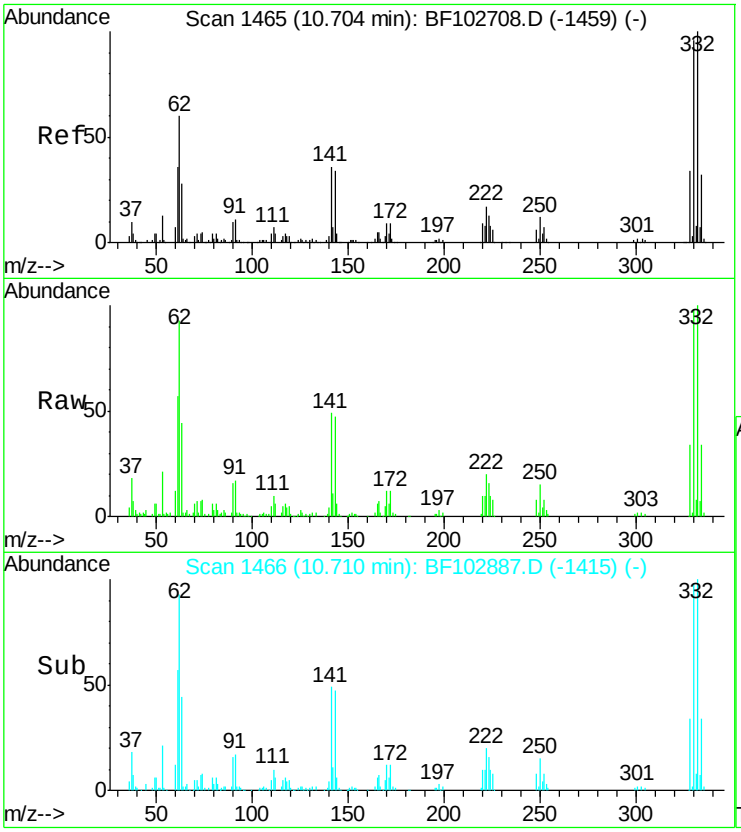




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:164 Resp: 245793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 86.1 | 129.1 |
| 160 | 43.3 | 38.3 | 57.5 |



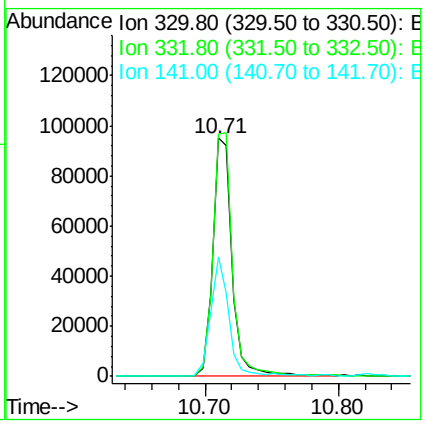


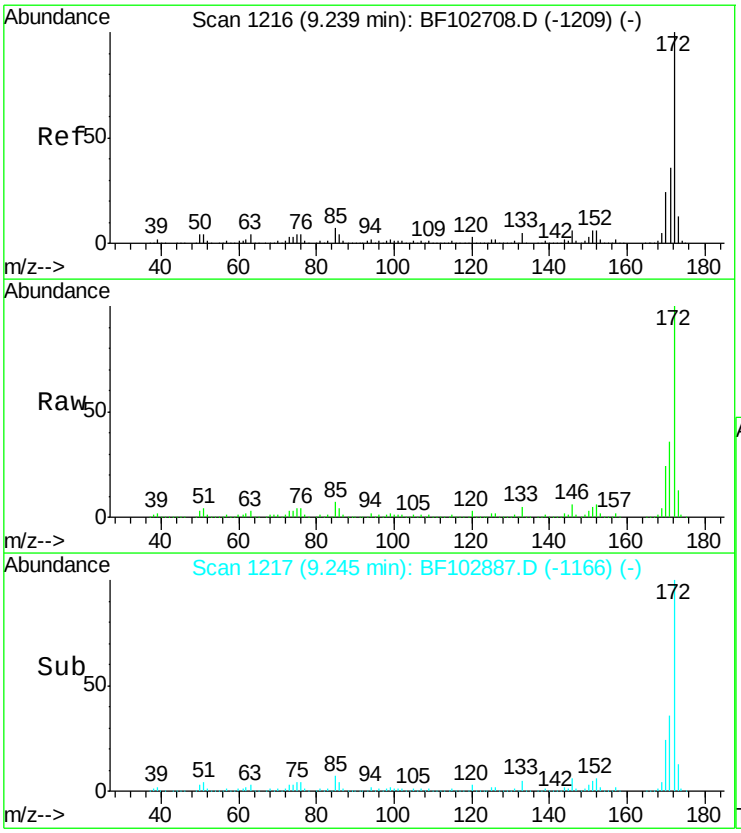

#41
2,4,6-Tribromophenol
Concen: 49.404 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:330 Resp: 97738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 103.7 | 77.0 | 115.6 |
| 141 | 47.8 | 29.9 | 44.9# |

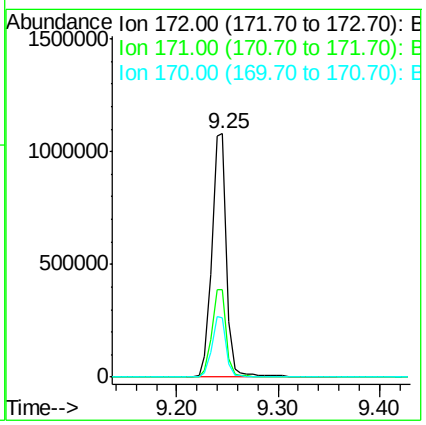


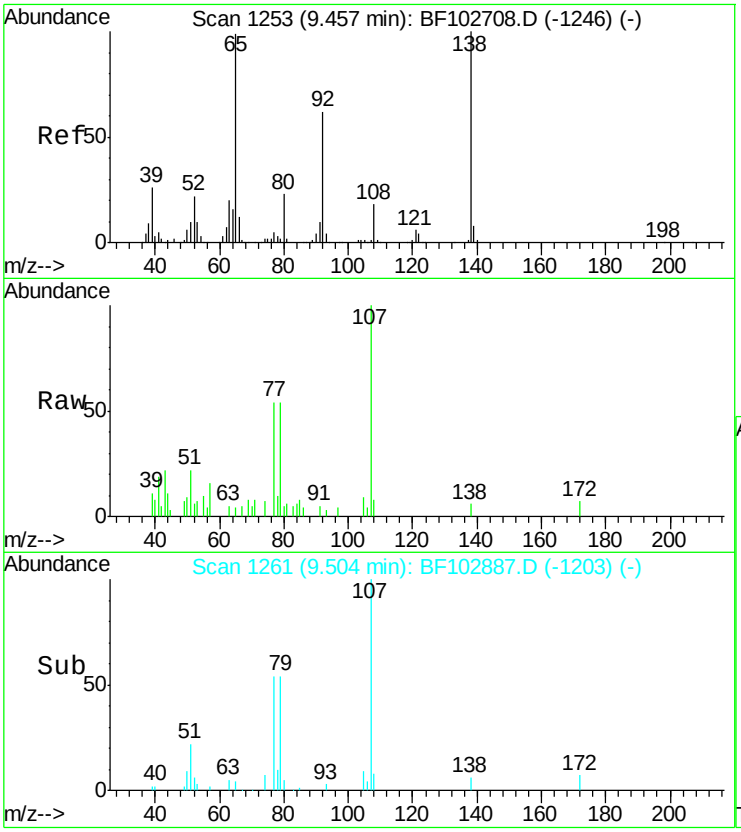




#44
2-Fluorobiphenyl
Concen: 73.828 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:172 Resp: 1093585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 24.5 | 19.6 | 29.4 |



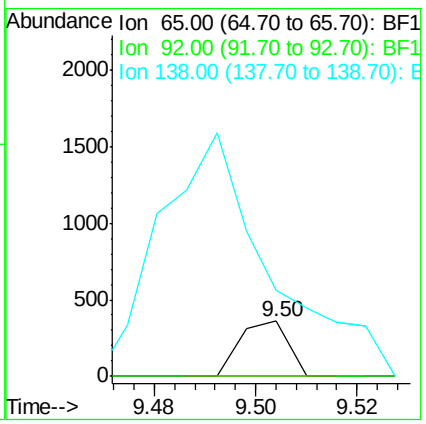


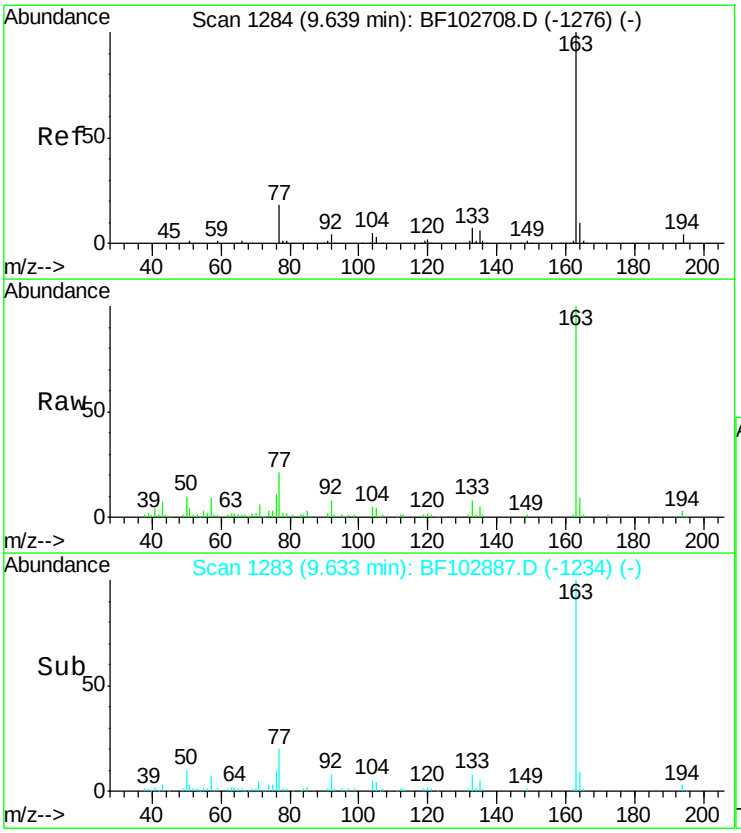

#47
2-Nitroaniline
Concen: 3.516 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.04 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion: 65 Resp: 238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 55.8 | 83.6# |
| 138 | 155.8 | 91.2 | 136.8# |

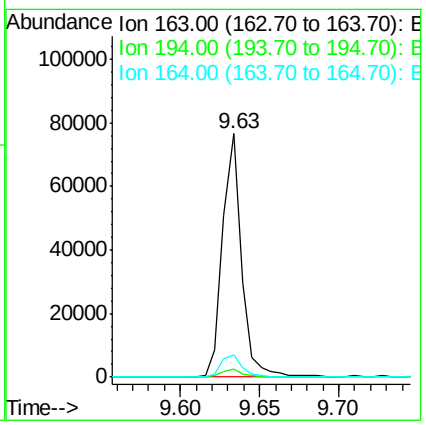


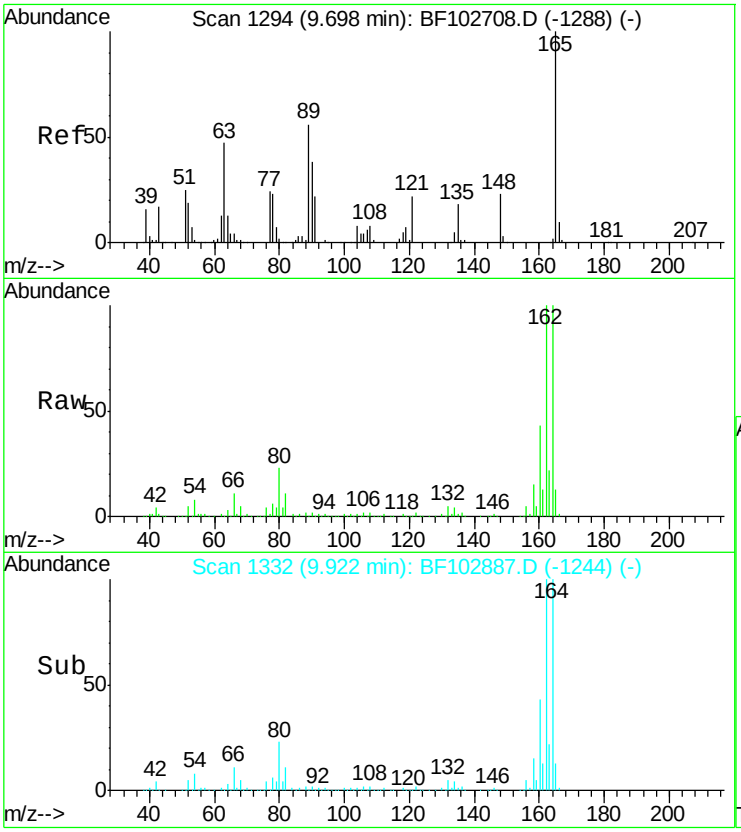




#49
Dimethylphthalate
Concen: 3.330 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:163 Resp: 63816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.7 | 4.1 |
| 164 | 9.3 | 8.2 | 12.2 |



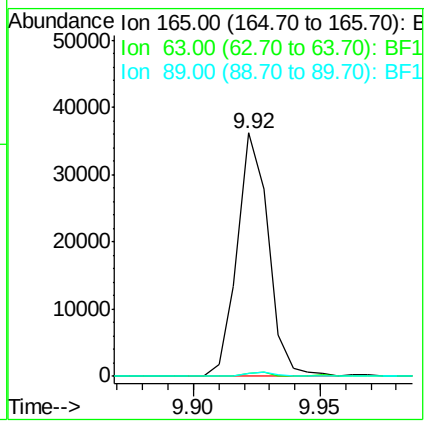


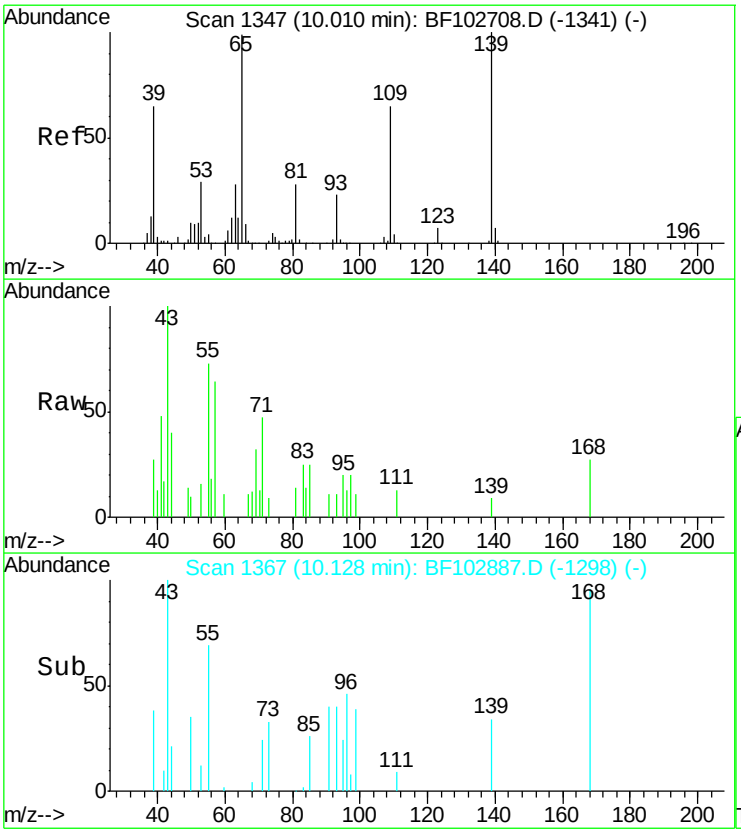

#50
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:165 Resp: 30912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 44.7 | 67.1# |
| 89 | 1.3 | 44.0 | 66.0# |

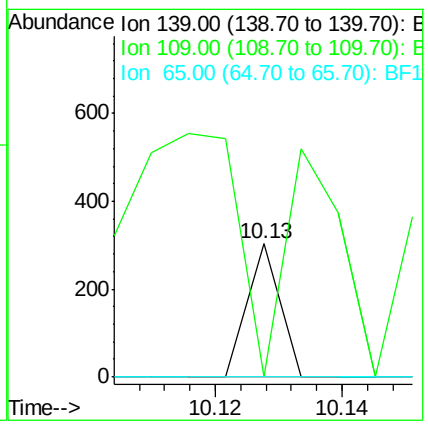


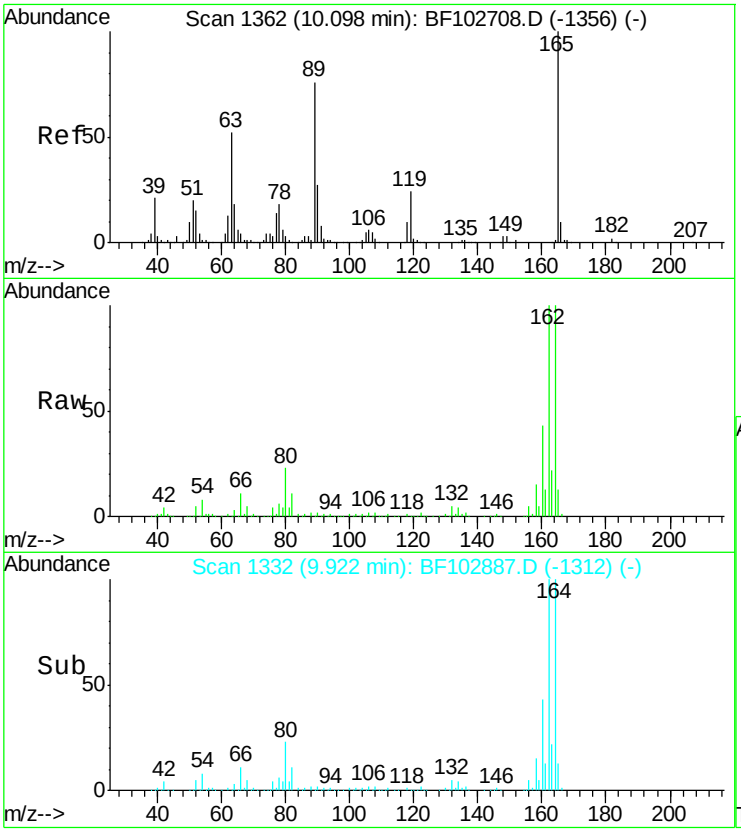




#55
4-Nitrophenol
Concen: 4.051 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:139 Resp: 107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 48.4 | 88.4# |
| 65 | 0.0 | 72.6 | 112.6# |



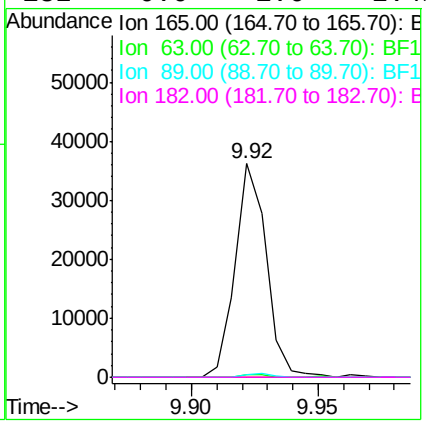


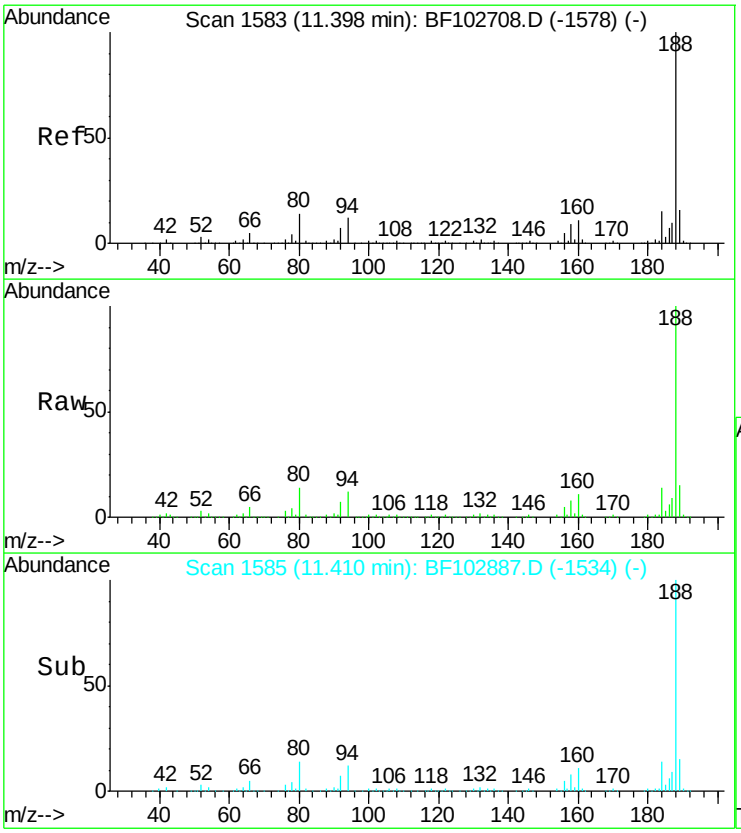

#56
2,4-Dinitrotoluene
Concen: 8.992 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:165 Resp: 30912

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

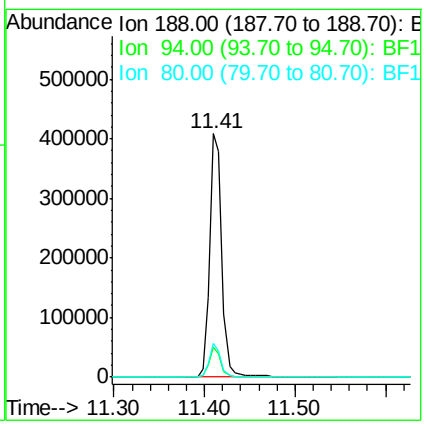


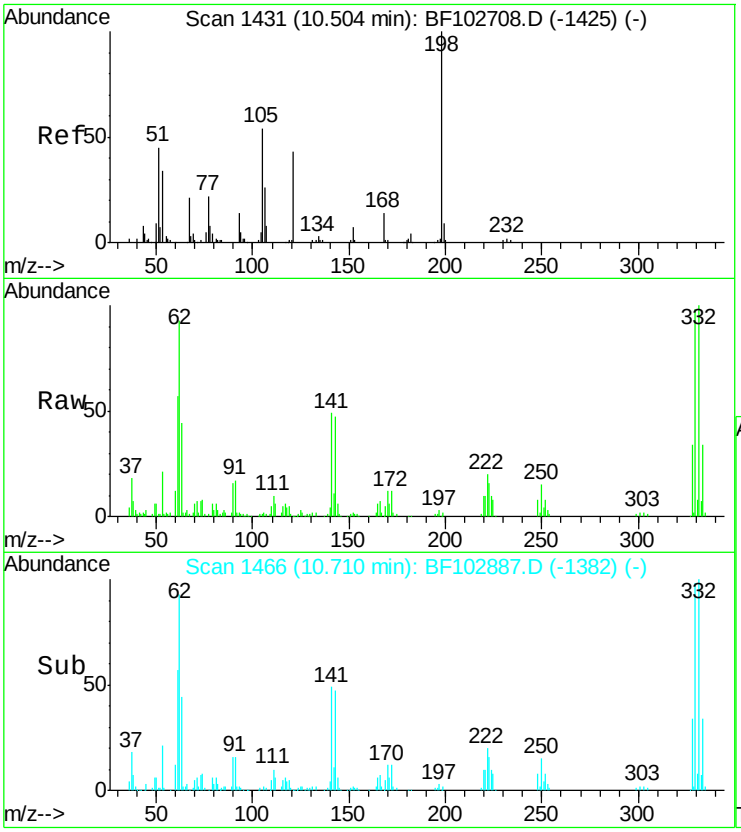




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:188 Resp: 383304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.4 | 8.5 | 12.7 |
| 80 | 13.7 | 9.2 | 13.8 |



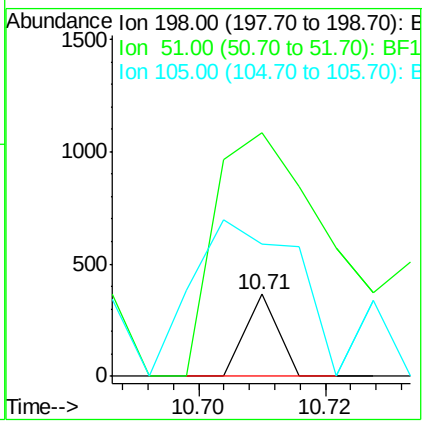


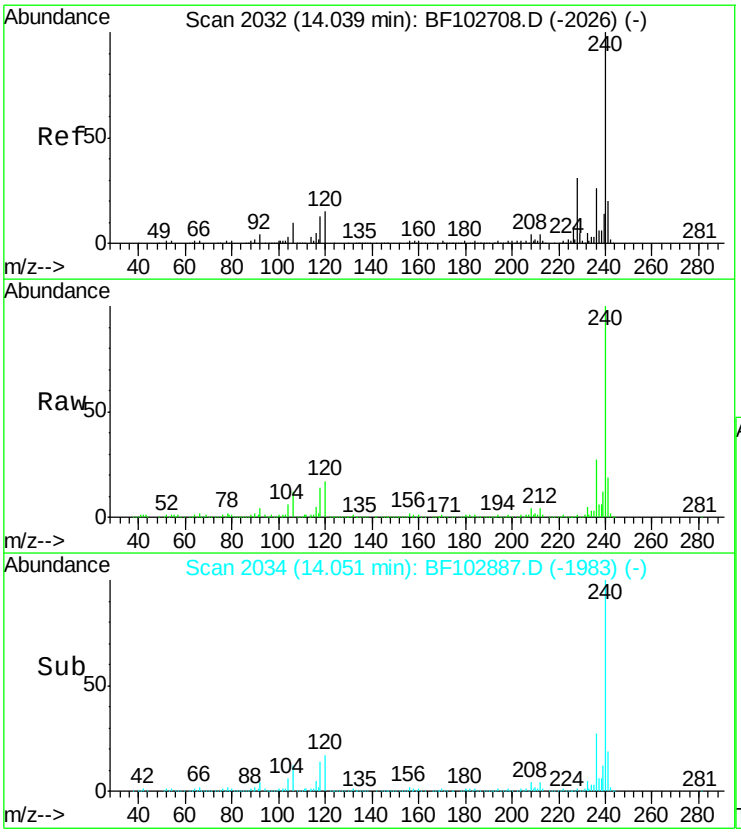

#64
4,6-Dinitro-2-methylphenol
Concen: 8.867 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:198 Resp: 129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 297.0 | 37.7 | 77.7# |
| 105 | 161.1 | 36.3 | 76.3# |

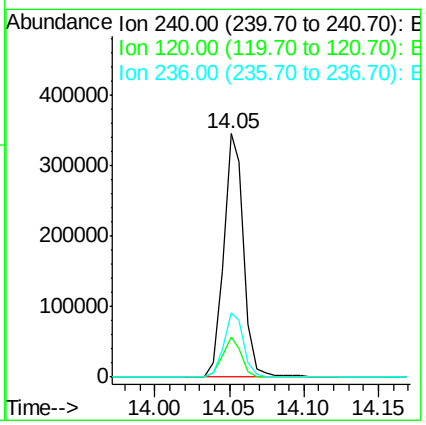


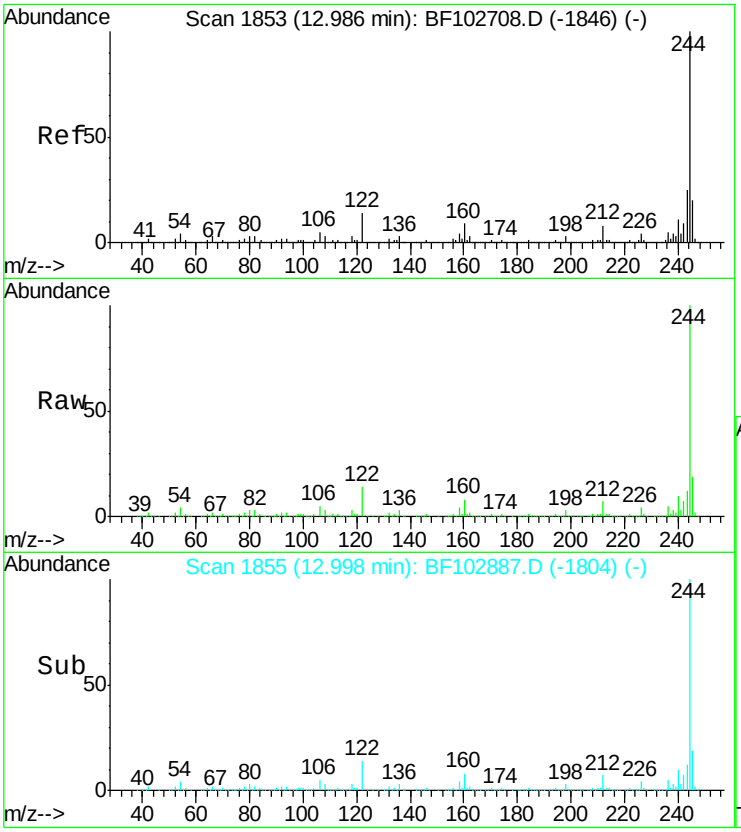




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:240 Resp: 326816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.7 | 9.5 | 14.3# |
| 236 | 26.7 | 20.7 | 31.1 |



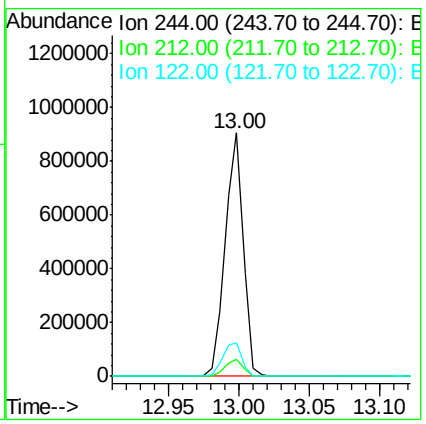


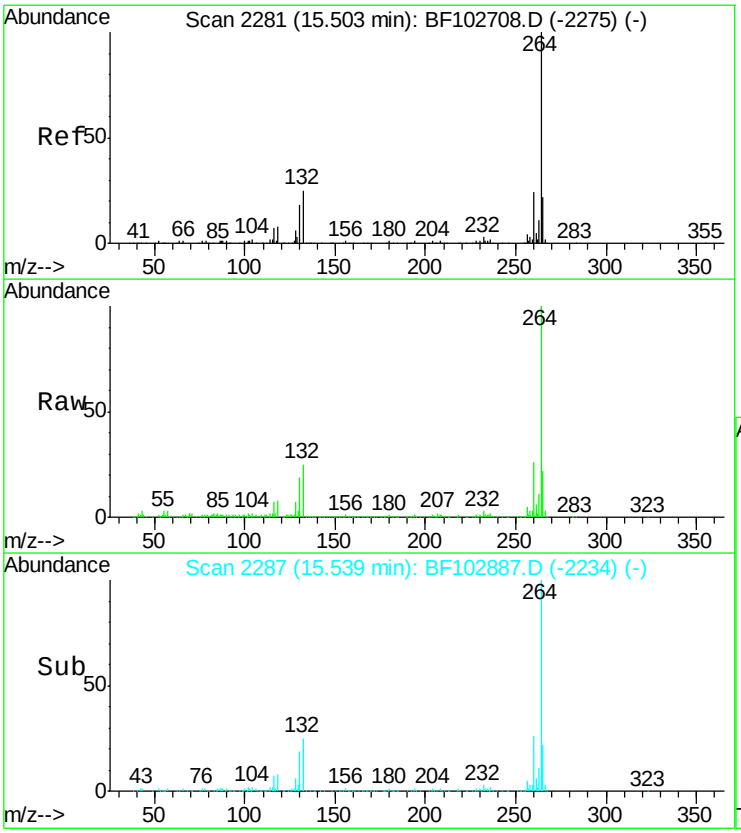

#78
Terphenyl-d14
Concen: 58.465 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

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

Tgt Ion:244 Resp: 806975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 13.7 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102887.D
Acq: 9 Feb 2018 14:33

Tgt Ion:264 Resp: 311381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 19.2 | 28.8 |
| 265 | 21.6 | 17.5 | 26.3 |