Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117955.D
Acq On : 23 Nov 2019 14:40
Operator : JU
Sample : PB125043TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 25 07:50:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 126138 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 8.19 | 136 | 504574 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 9.95 | 164 | 318626 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.45 | 188 | 618613 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 14.09 | 240 | 408023 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 15.60 | 264 | 350605 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 742132 | 104.14 | ng | -0.02 |
| 7) Phenol-d6 | 6.52 | 99 | 610452 | 71.02 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 731850 | 86.22 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 10.75 | 330 | 471854 | 139.88 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.27 | 172 | 1615492 | 90.96 | ng | -0.02 |
| 79) Terphenyl-d14 | 13.04 | 244 | 2077239 | 93.04 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.52 | 77 | 1163 | Below Cal | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.46 | 70 | 99911 | 18.842 | ng | # 74 |
| 25) Isophorone | 7.46 | 82 | 724480 | 46.569 | ng | # 62 |
| 50) Dimethylphthalate | 9.66 | 163 | 108165 | 4.841 | ng | 97 |
| 51) 2,6-Dinitrotoluene | 9.95 | 165 | 40947 | 8.385 | ng | # 23 |
| 57) 2,4-Dinitrotoluene | 9.95 | 165 | 40947 | 6.592 | ng | # 25 |
| 67) 4-Bromophenyl-phenylether | 10.75 | 248 | 29568 | 4.430 | ng | # 1 |
| 75) Fluoranthene | 12.66 | 202 | 480 | Below Cal | | 63 |
| 77) Benzidine | 13.04 | 184 | 28728 | 2.149 | ng | # 93 |

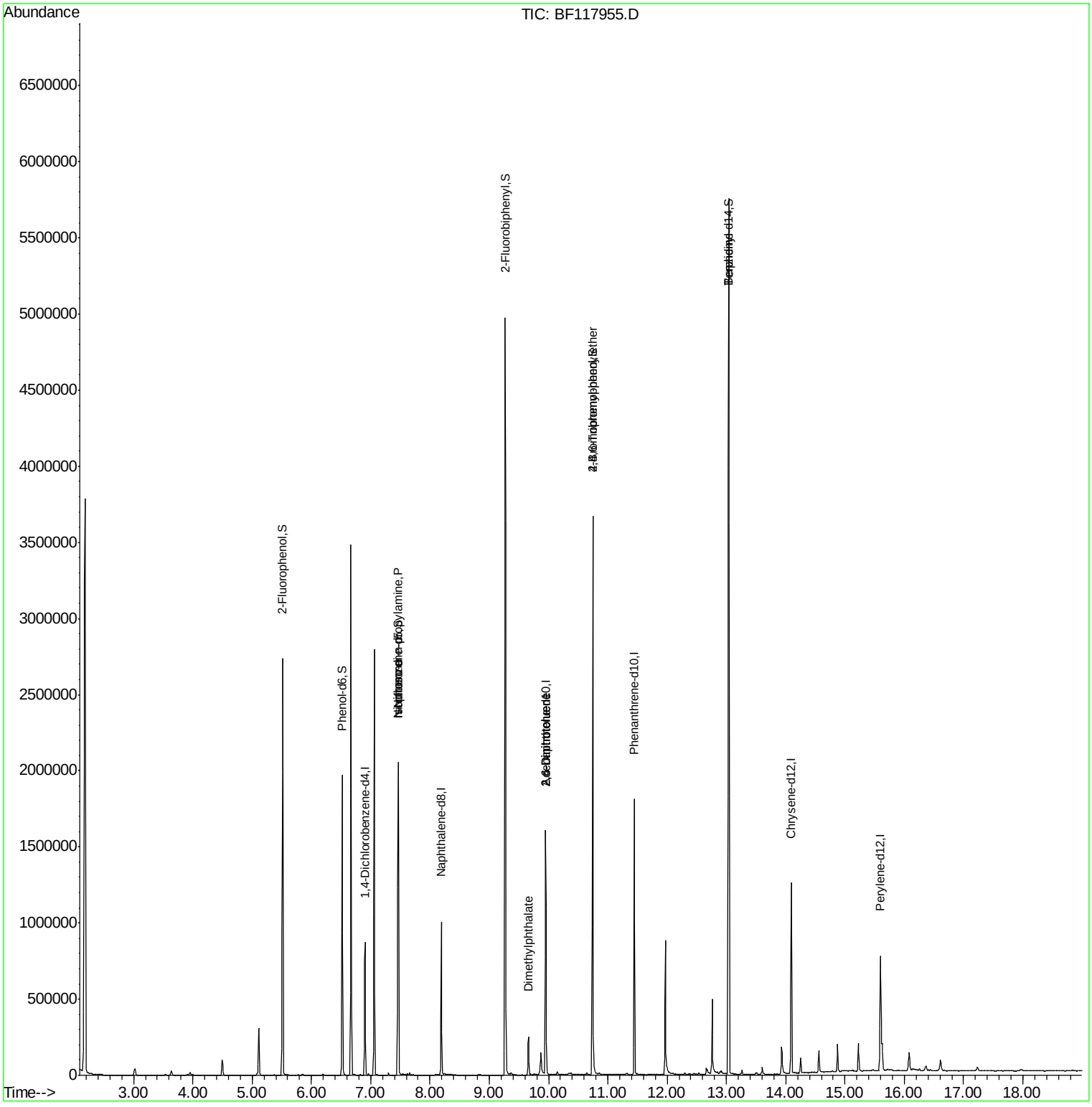
(#) = qualifier out of range (m) = manual integration (+) = signals summed

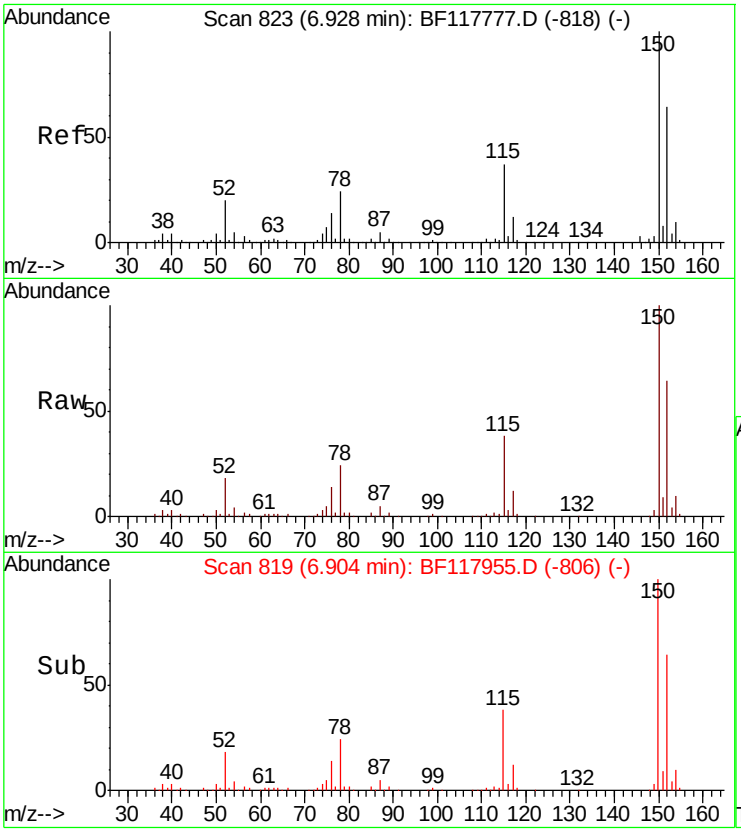
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117955.D
Acq On : 23 Nov 2019 14:40
Operator : JU
Sample : PB125043TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 25 07:50:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



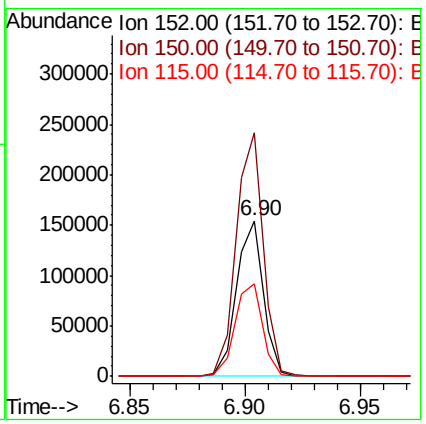


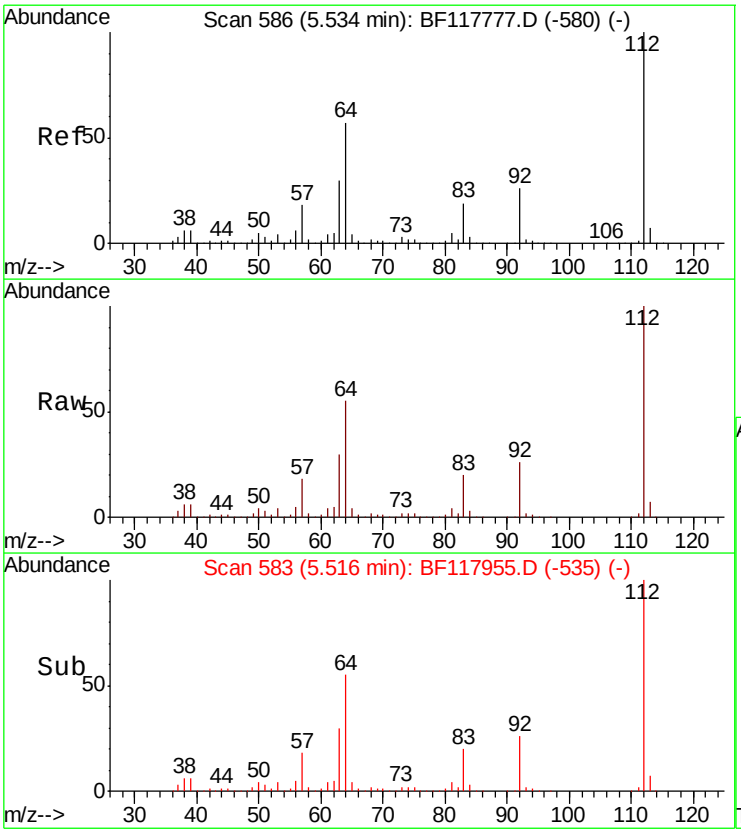

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:152 Resp: 126138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 125.3 | 187.9 |
| 115 | 59.0 | 47.0 | 70.4 |

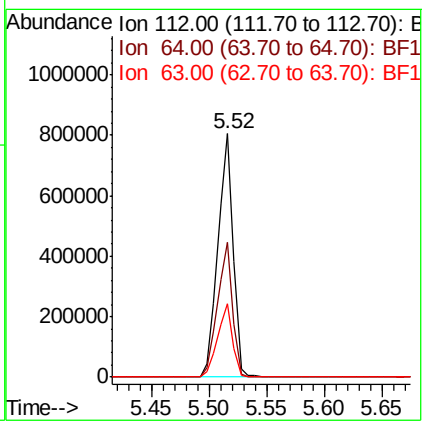


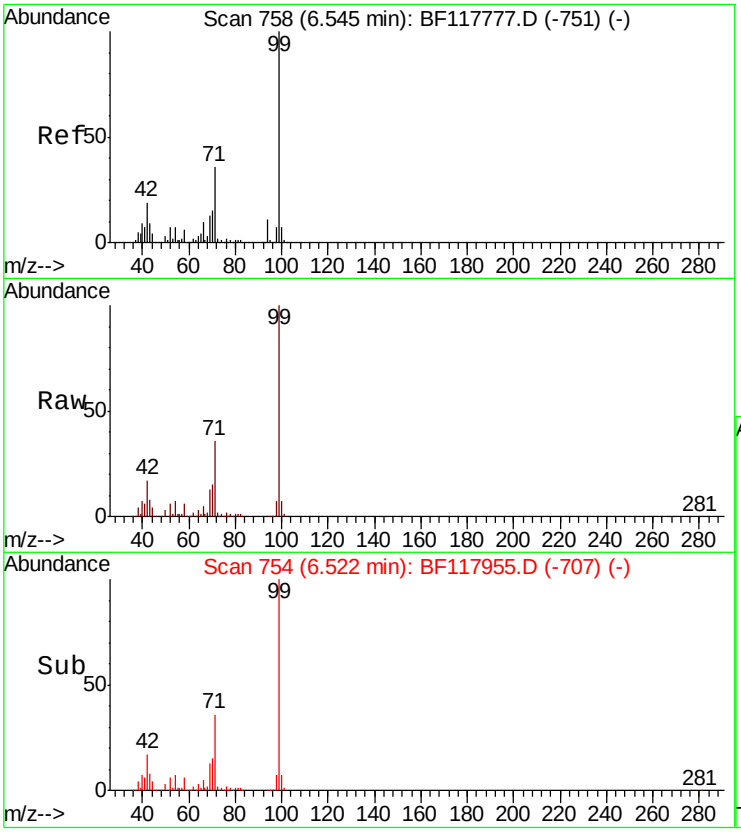




#5
2-Fluorophenol
Concen: 104.144 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:112 Resp: 742132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 45.6 | 68.4 |
| 63 | 30.0 | 24.1 | 36.1 |



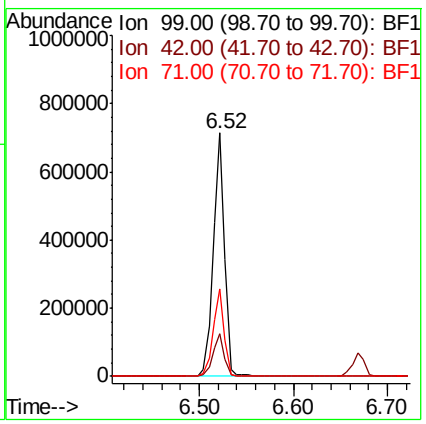


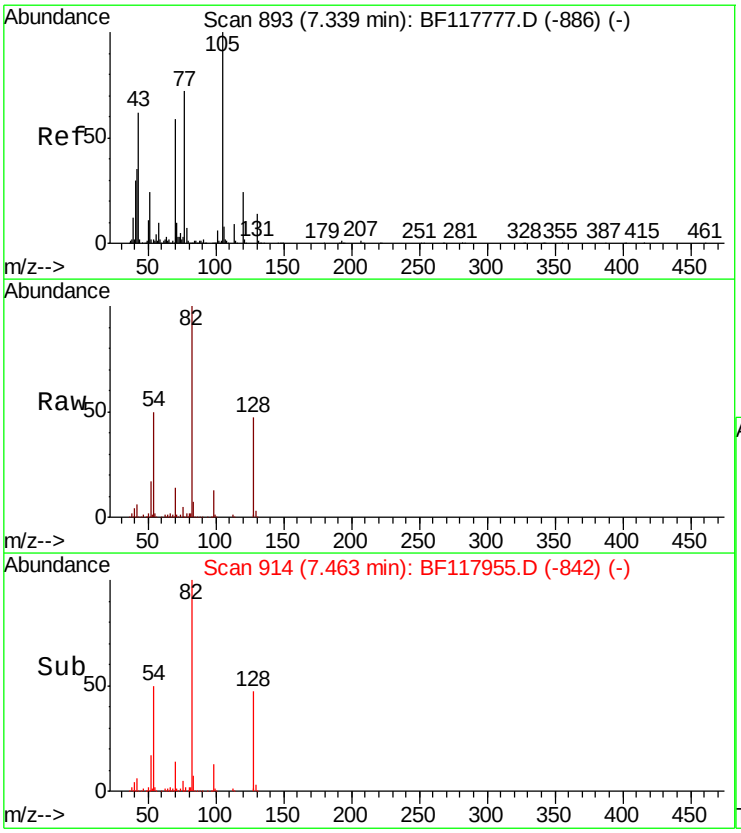

#7
Phenol-d6
Concen: 71.023 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion: 99 Resp: 610452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.4 | 14.9 | 22.3 |
| 71 | 35.9 | 28.6 | 43.0 |

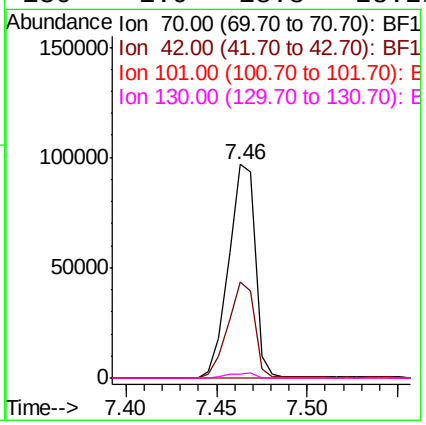


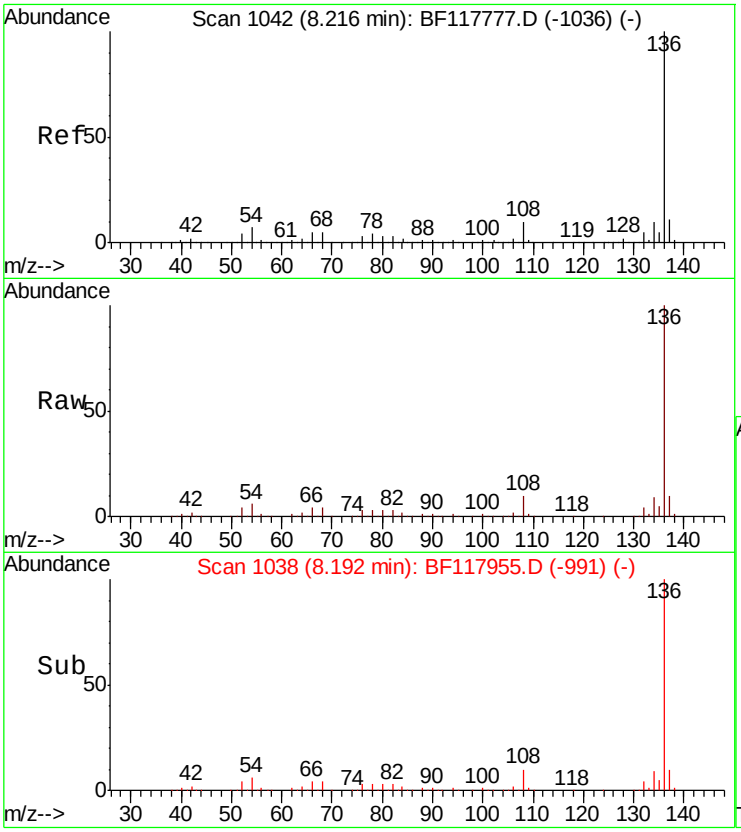




#19
n-Nitroso-di-n-propylamine
Concen: 18.842 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion: 70 Resp: 99911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.1 | 47.4 | 71.2# |
| 101 | 0.0 | 8.4 | 12.6# |
| 130 | 1.9 | 18.8 | 28.2# |



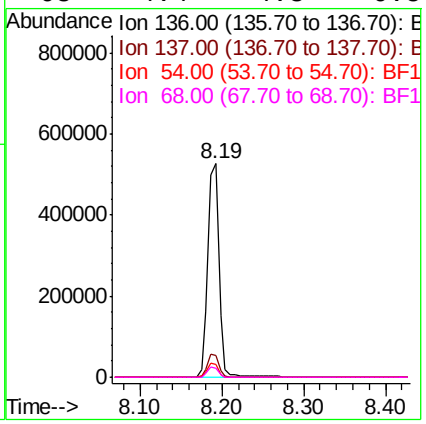


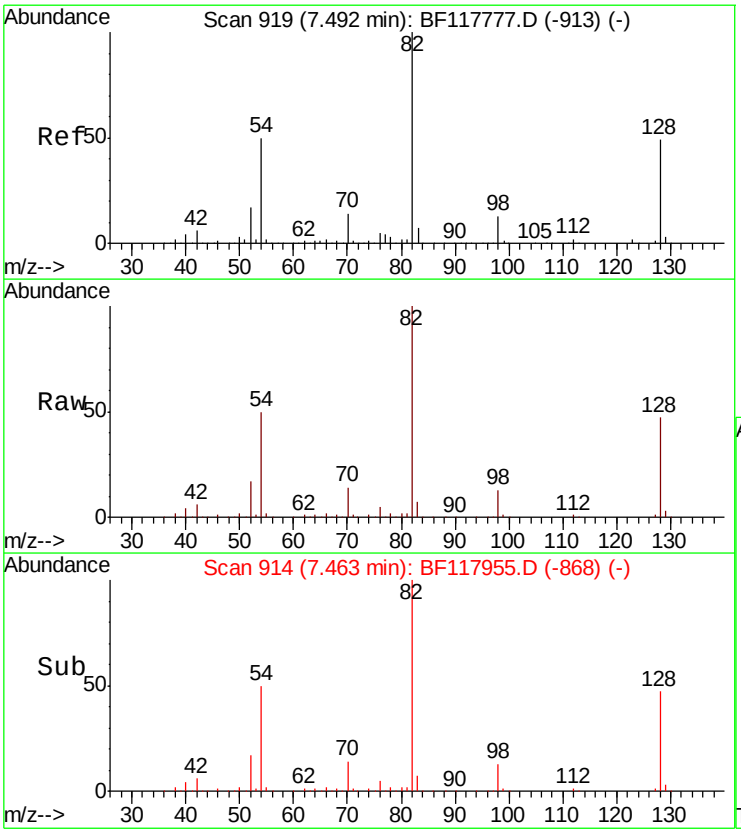

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:136 Resp: 504574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 9.0 | 13.4 |
| 54 | 5.8 | 5.4 | 8.2 |
| 68 | 4.4 | 4.3 | 6.5 |

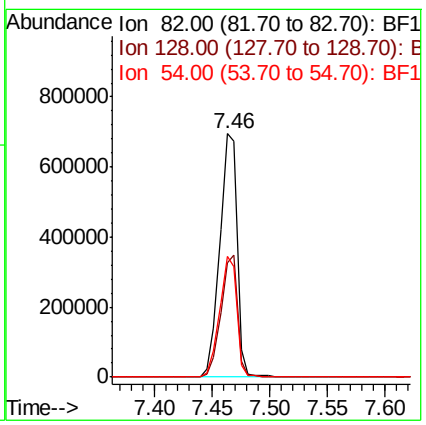


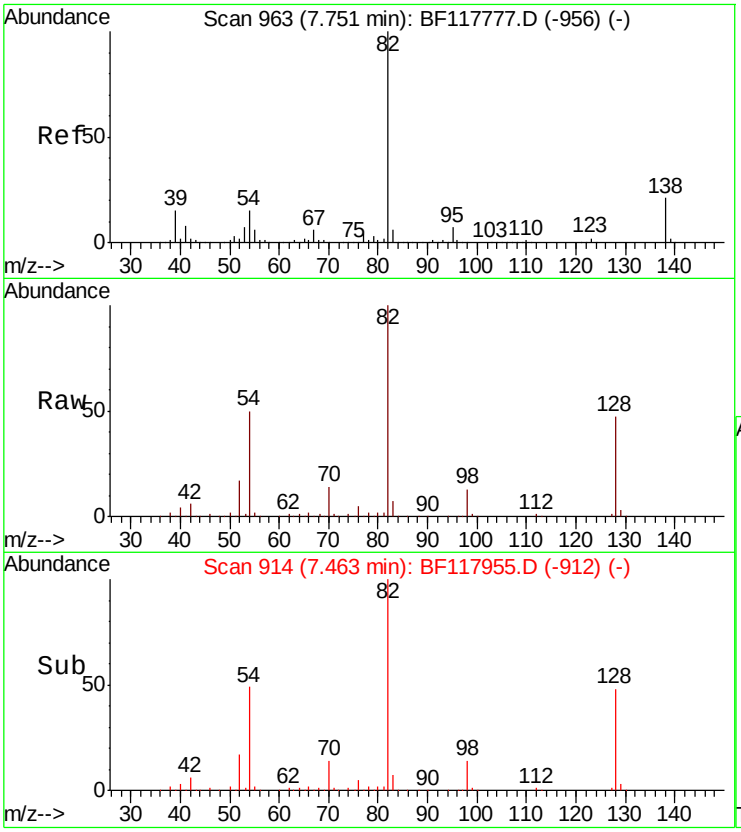




#23
Nitrobenzene-d5
Concen: 86.222 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion: 82 Resp: 731850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 38.9 | 58.3 |
| 54 | 49.7 | 39.8 | 59.6 |



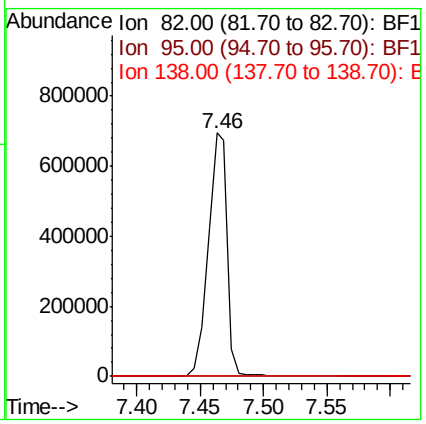


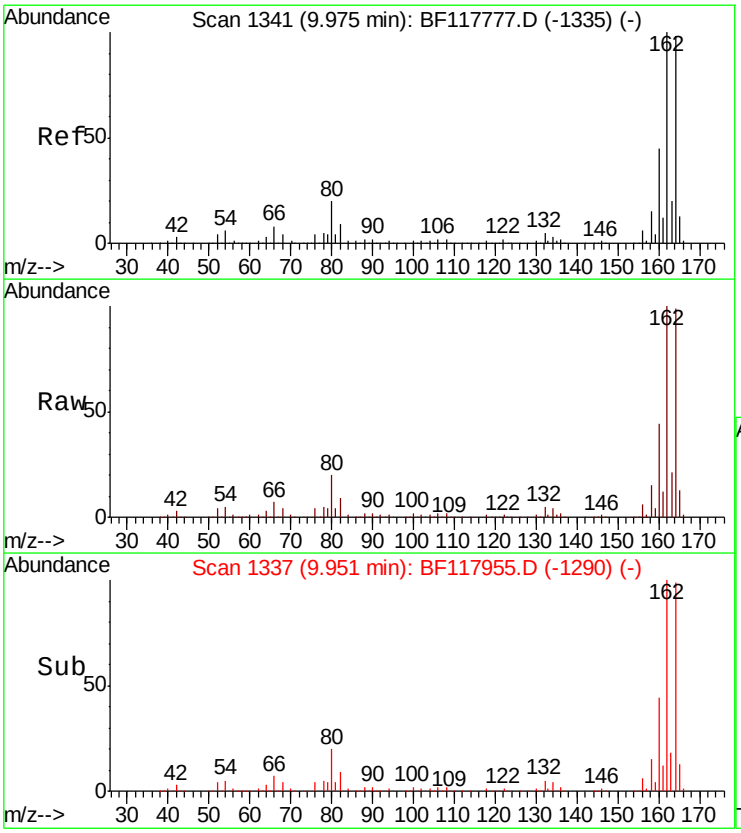

#25
Isophorone
Concen: 46.569 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.29 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion: 82 Resp: 724480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.8# |
| 138 | 0.0 | 16.5 | 24.7# |

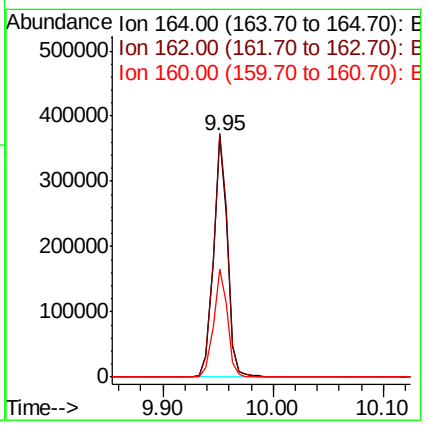


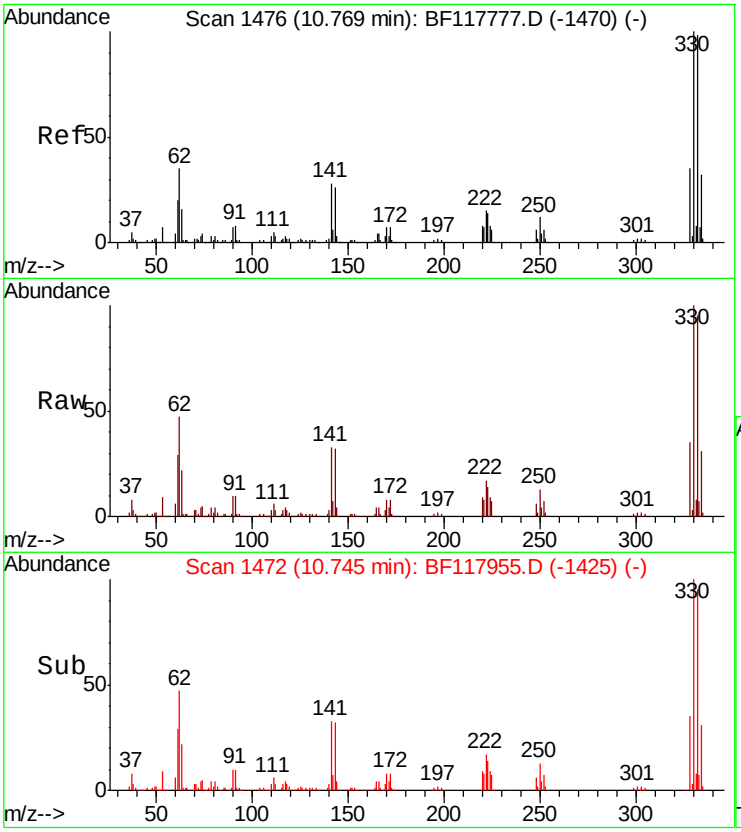




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:164 Resp: 318626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.9 | 81.3 | 121.9 |
| 160 | 44.8 | 36.6 | 55.0 |



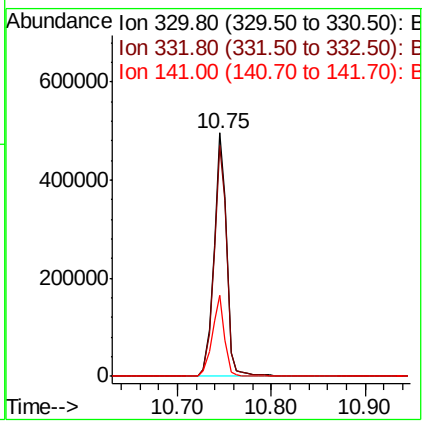


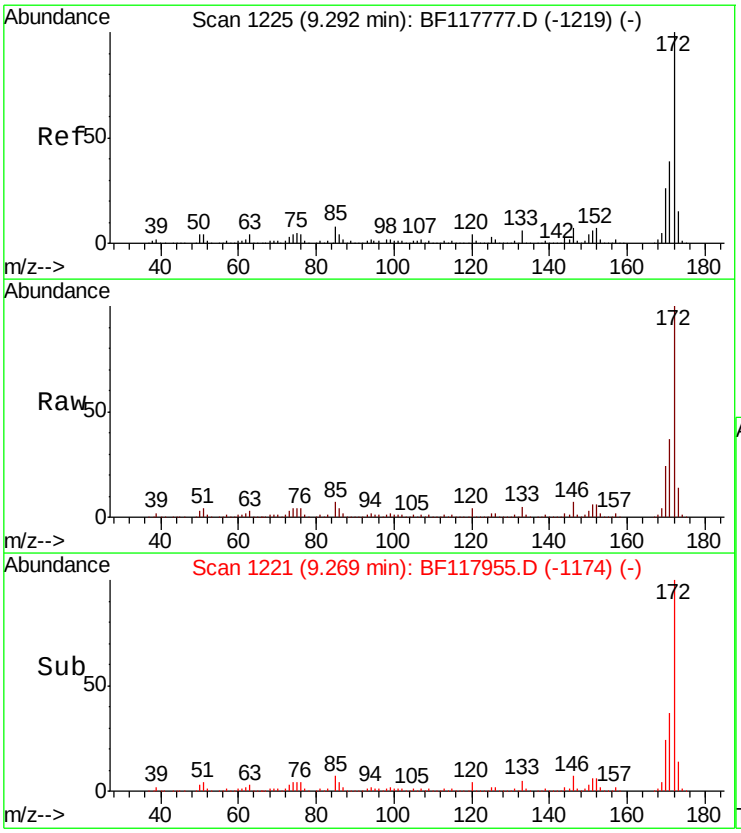

#42
2,4,6-Tribromophenol
Concen: 139.881 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:330 Resp: 471854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 76.7 | 115.1 |
| 141 | 32.5 | 27.7 | 41.5 |

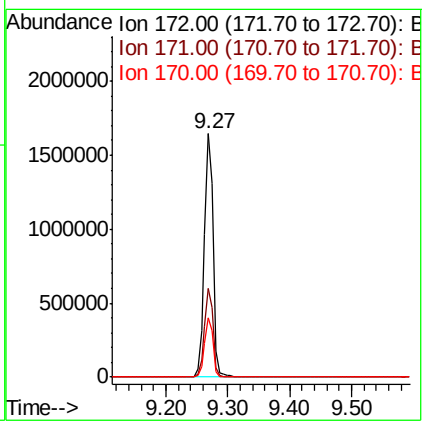


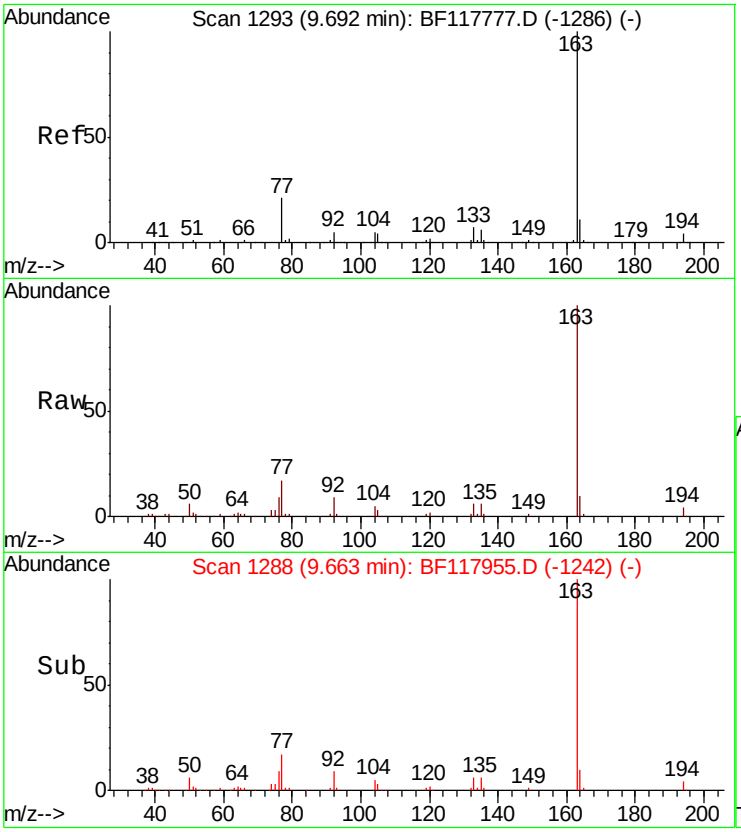




#45
2-Fluorobiphenyl
Concen: 90.961 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:172 Resp: 1615492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 30.9 | 46.3 |
| 170 | 24.4 | 21.0 | 31.4 |



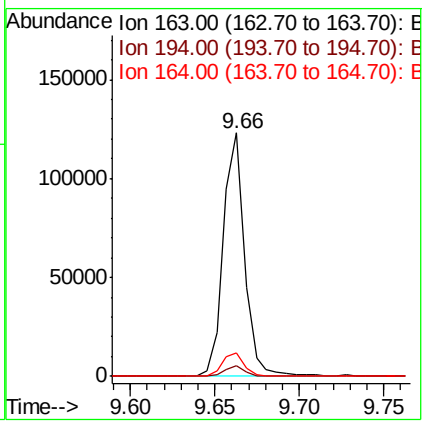


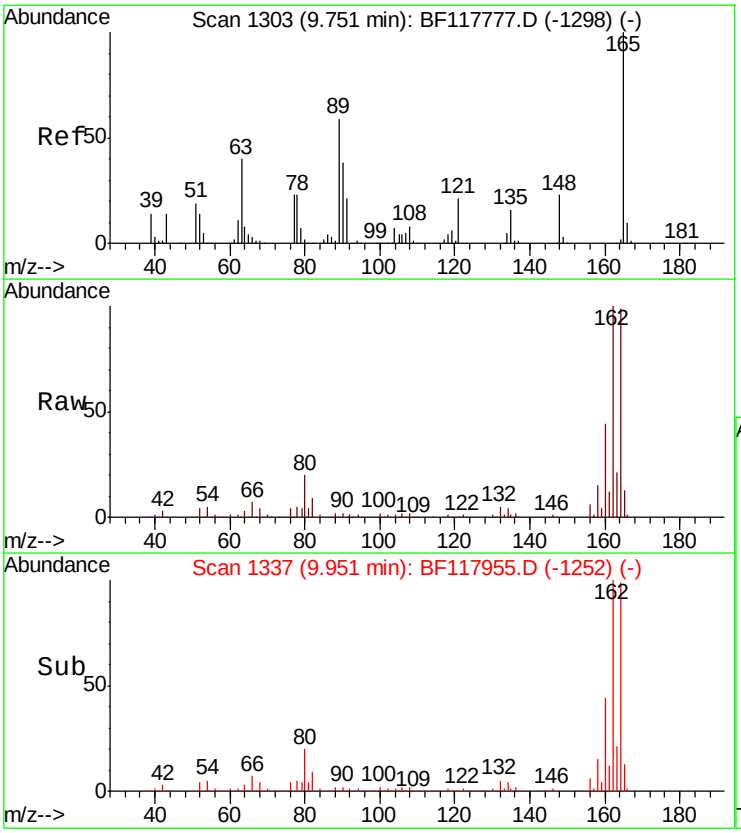

#50
Dimethylphthalate
Concen: 4.841 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:163 Resp: 108165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 9.5 | 8.7 | 13.1 |

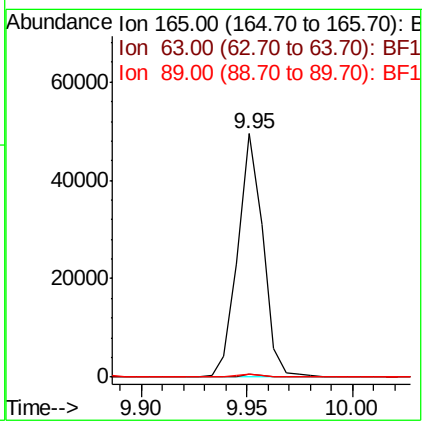


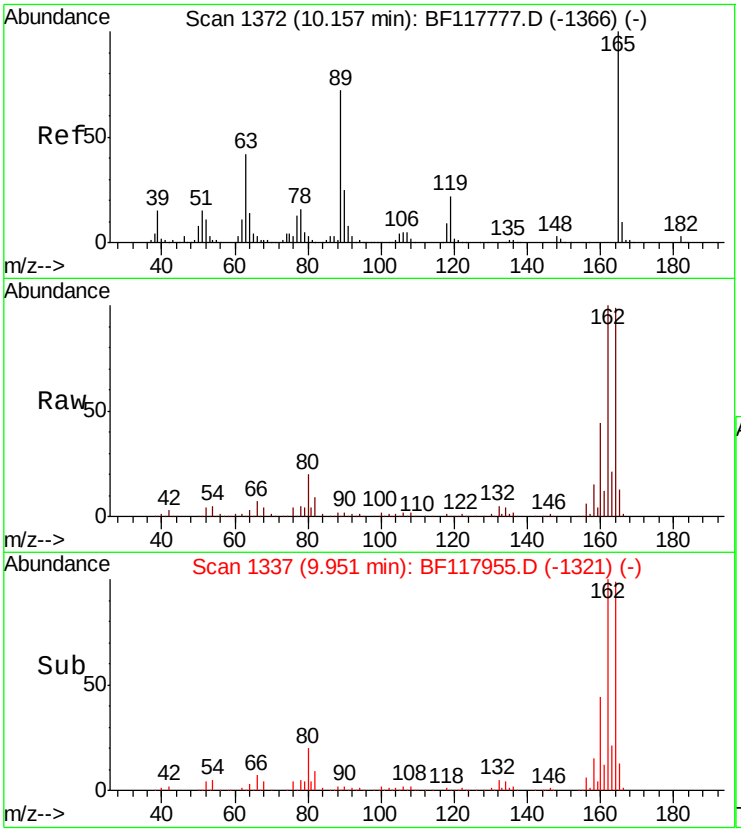




#51
2,6-Dinitrotoluene
Concen: 8.385 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.20 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:165 Resp: 40947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 46.0 | 69.0# |
| 89 | 1.4 | 47.7 | 71.5# |



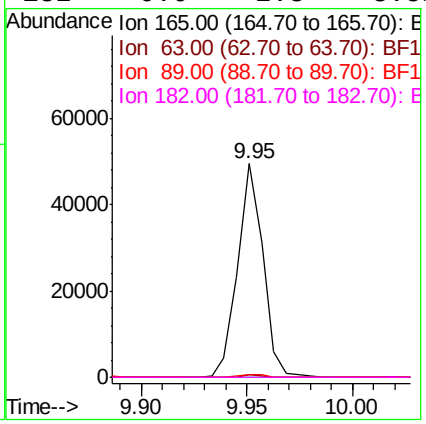


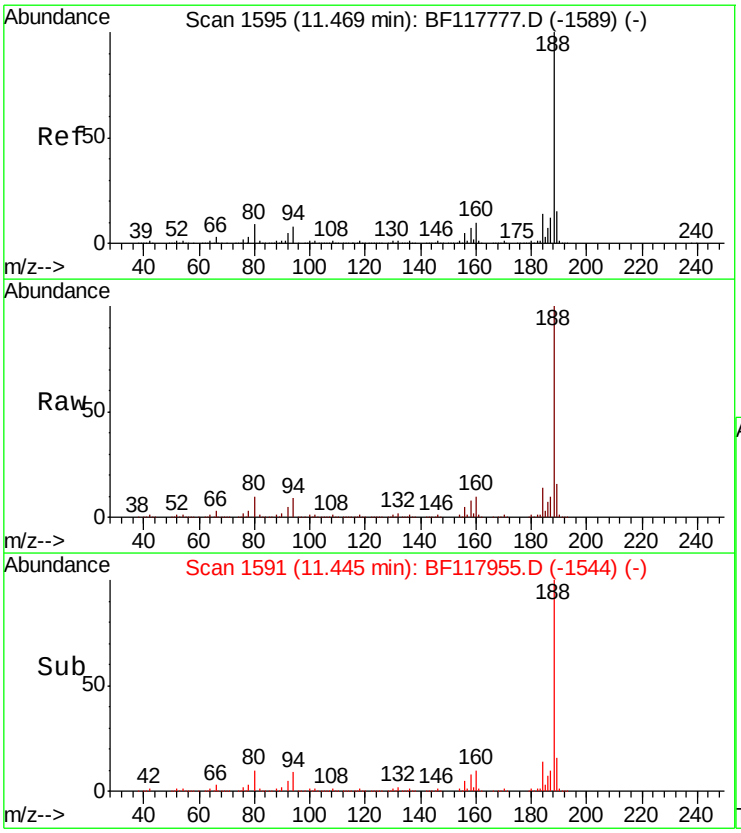

#57
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:165 Resp: 40947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 33.7 | 50.5# |
| 89 | 1.4 | 57.3 | 85.9# |
| 182 | 0.0 | 2.3 | 3.5# |

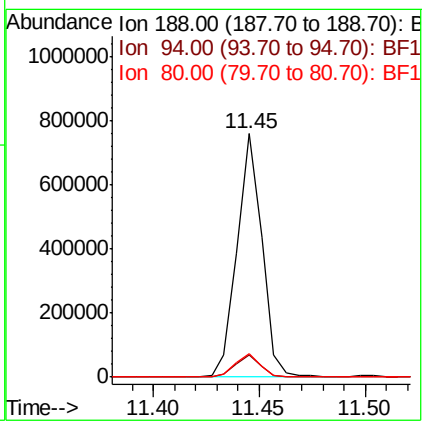


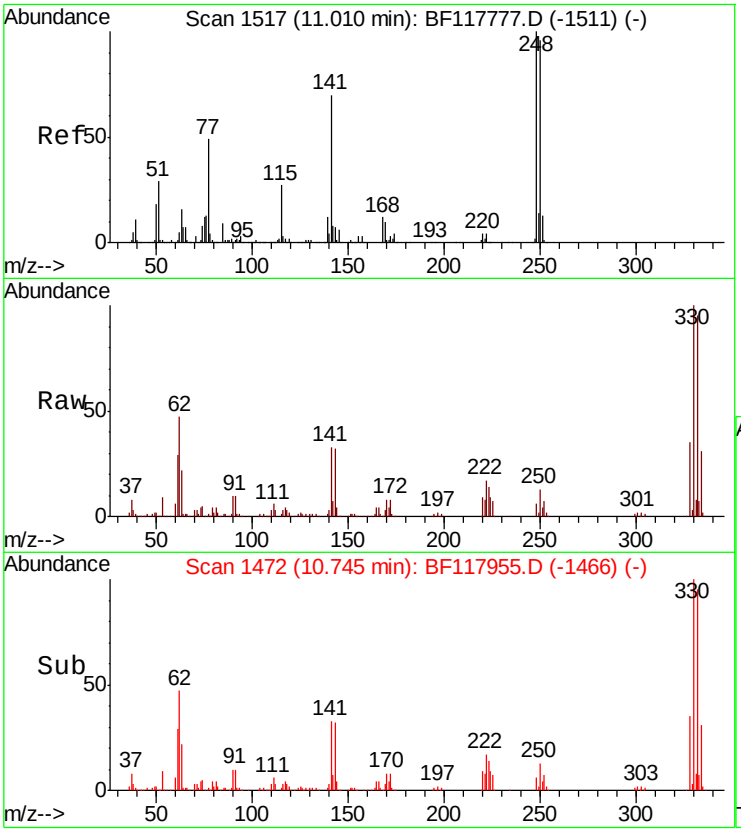




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:188 Resp: 618613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.1 | 6.6 | 10.0 |
| 80 | 9.6 | 7.2 | 10.8 |



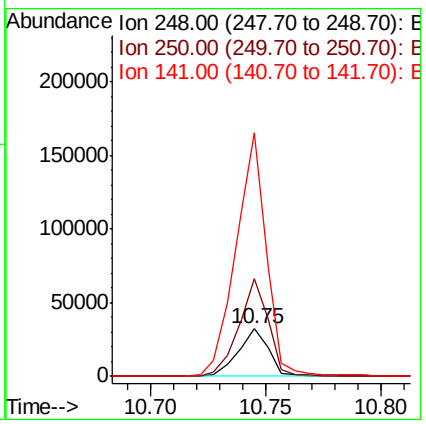


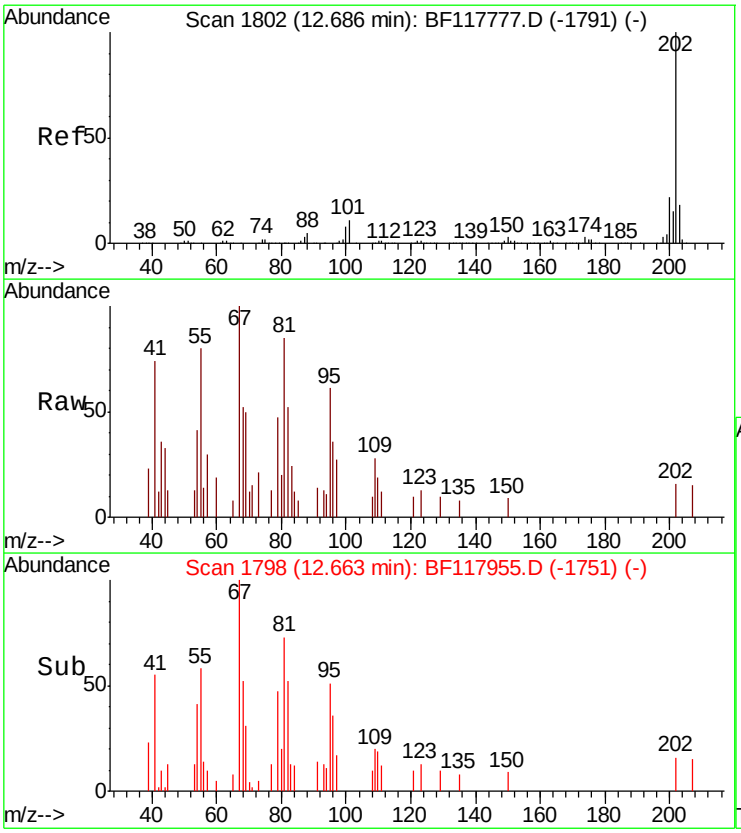

#67
4-Bromophenyl-phenylether
Concen: 4.430 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:248 Resp: 29568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 207.6 | 76.6 | 115.0# |
| 141 | 515.9 | 55.9 | 83.9# |

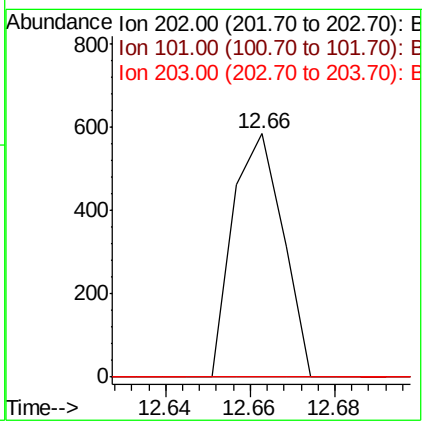


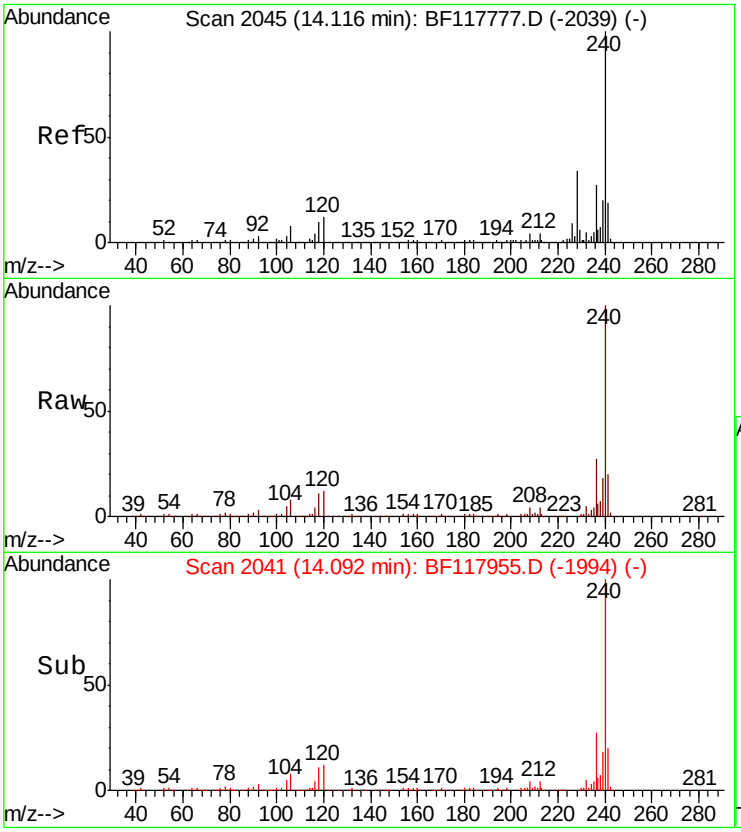




#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:202 Resp: 480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 0.0 | 31.1 |
| 203 | 0.0 | 0.0 | 38.2 |



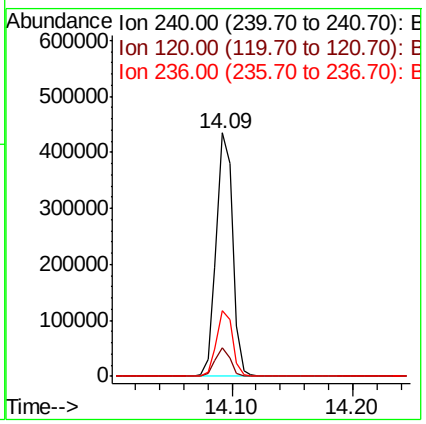


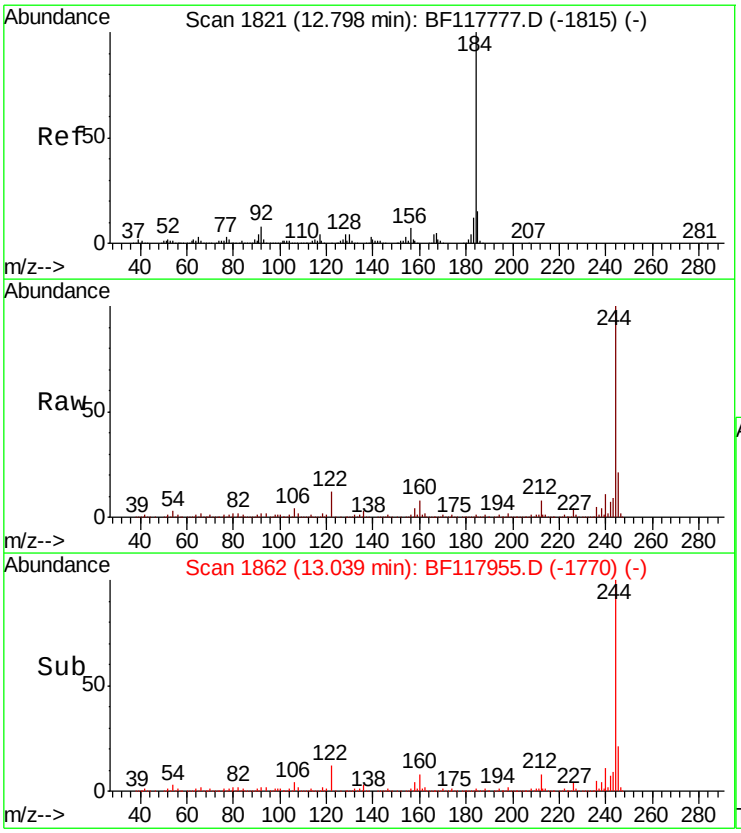

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:240 Resp: 408023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.5 | 14.3 |
| 236 | 27.0 | 21.3 | 31.9 |

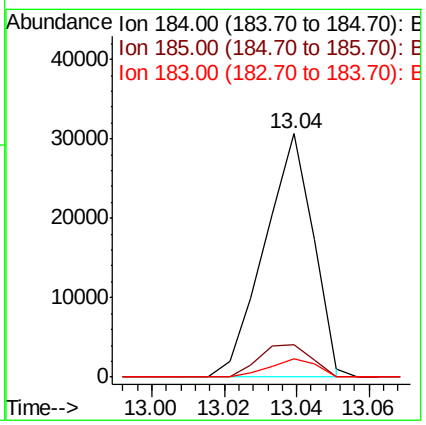


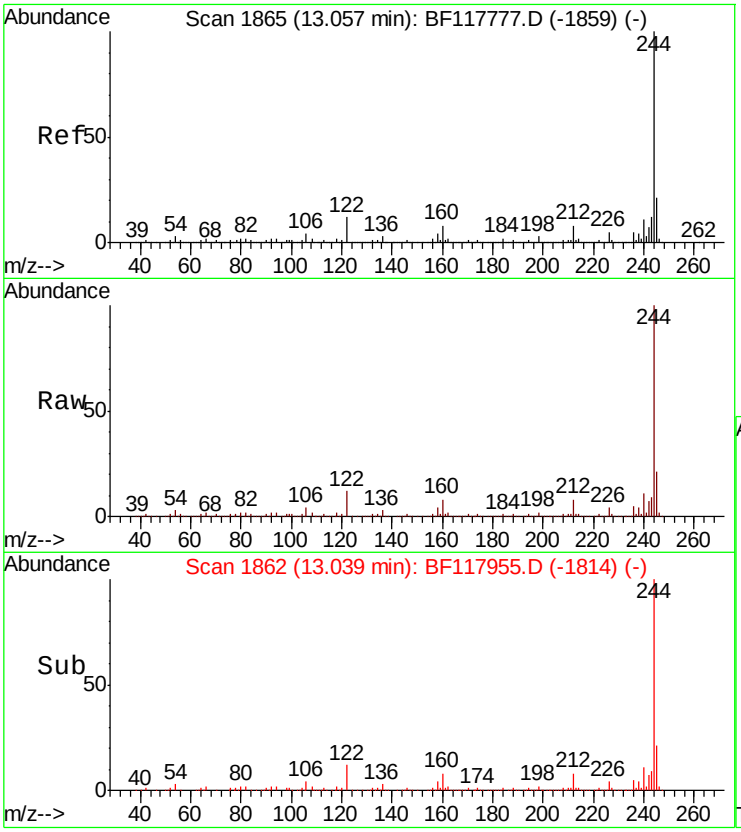




#77
Benzidine
Concen: 2.149 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.24 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:184 Resp: 28728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.5 | 12.2 | 18.4 |
| 183 | 7.7 | 9.5 | 14.3# |



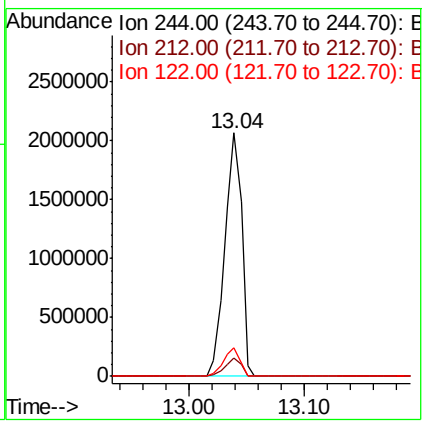


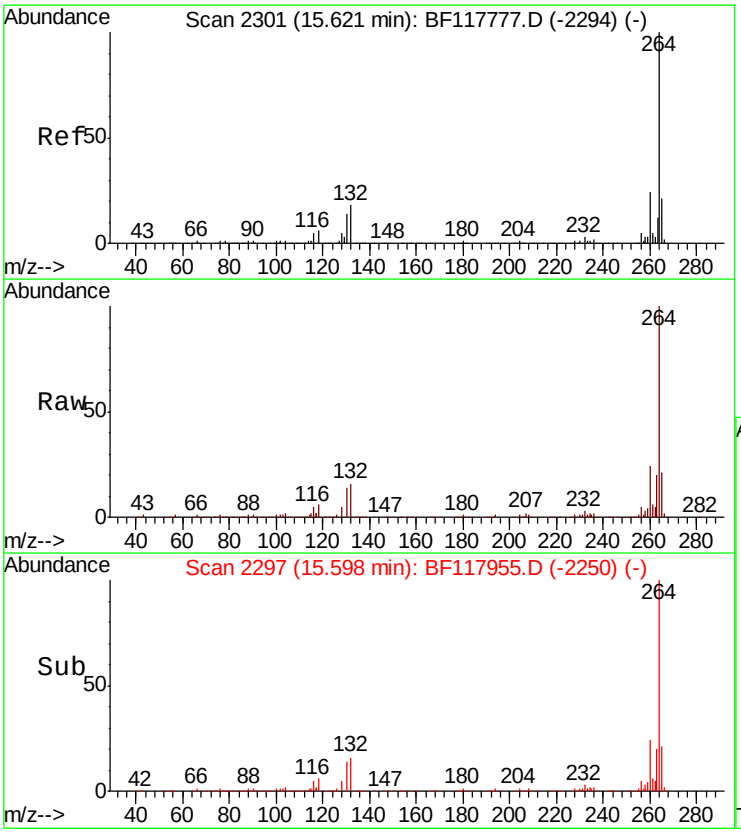

#79
Terphenyl-d14
Concen: 93.043 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

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

Tgt Ion:244 Resp: 2077239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.3 | 9.5 |
| 122 | 11.7 | 9.4 | 14.2 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117955.D
Acq: 23 Nov 2019 14:40

Tgt Ion:264 Resp: 350605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.4 | 29.0 |
| 265 | 20.8 | 17.1 | 25.7 |