Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112872.D
Acq On : 6 Mar 2019 00:35
Operator : JU/SJ
Sample : K1714-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-C-5-8

Quant Time: Mar 06 01:47:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 164919 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 606549 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.77 | 164 | 257001 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.25 | 188 | 458504 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.87 | 240 | 451867 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.29 | 264 | 321813 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 1068995 | 100.83 | ng | | 0.00 |
| 7) Phenol-d6 | 6.38 | 99 | 1386069 | 104.08 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 838847 | 82.75 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 343408 | 125.86 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.10 | 172 | 1449229 | 97.04 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.83 | 244 | 1393431 | 59.78 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.39 | 94 | 83141 | 5.350 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 111687 | 13.241 | ng | # | 78 |
| 25) Isophorone | 7.30 | 82 | 813941 | 37.272 | ng | # | 66 |
| 50) Dimethylphthalate | 9.49 | 163 | 105821 | 5.584 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.77 | 165 | 33014 | 8.366 | ng | # | 18 |
| 57) 2,4-Dinitrotoluene | 9.77 | 165 | 33014 | 6.730 | ng | # | 17 |
| 65) 4,6-Dinitro-2-methylphenol | 10.56 | 198 | 461 | 4.834 | ng | # | 1 |
| 67) 4-Bromophenyl-phenylether | 10.56 | 248 | 19514 | 4.041 | ng | # | 1 |

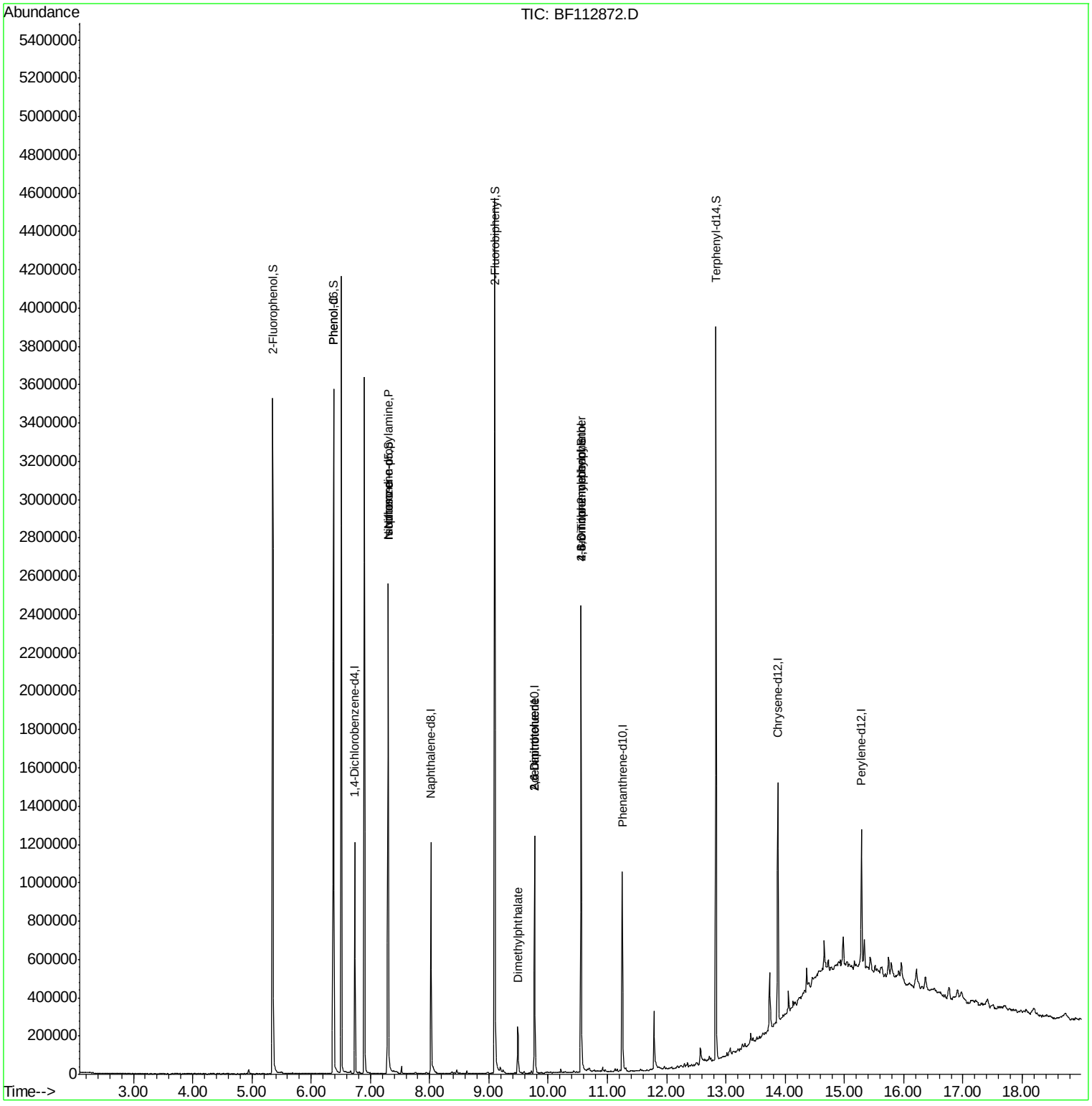
(#) = qualifier out of range (m) = manual integration (+) = signals summed

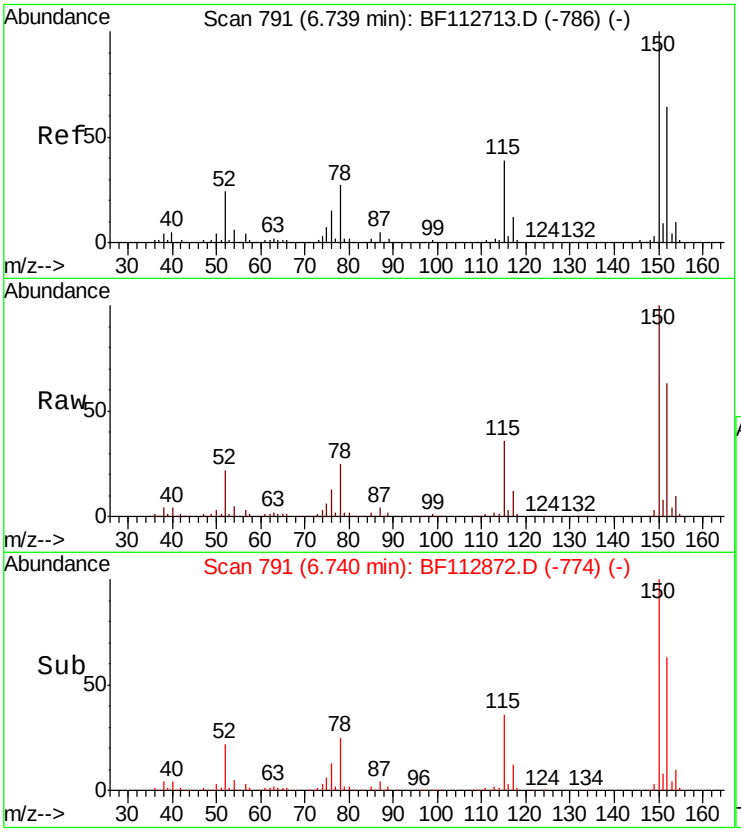
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112872.D
Acq On : 6 Mar 2019 00:35
Operator : JU/SJ
Sample : K1714-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Quant Time: Mar 06 01:47:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



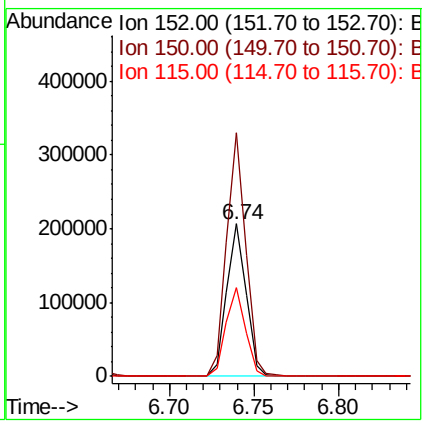


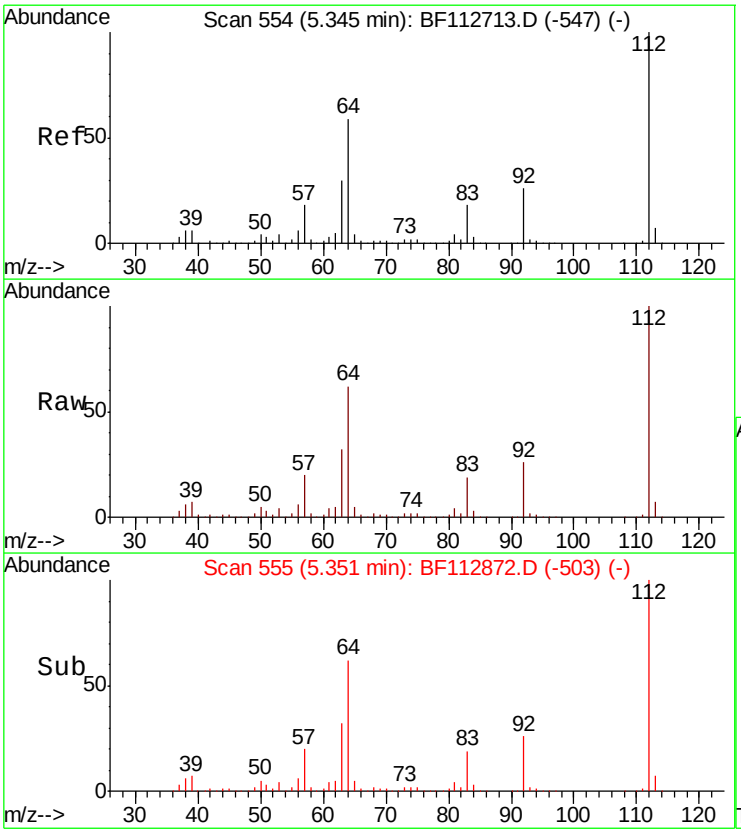

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:152 Resp: 164919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.9 | 124.2 | 186.2 |
| 115 | 58.2 | 48.2 | 72.4 |

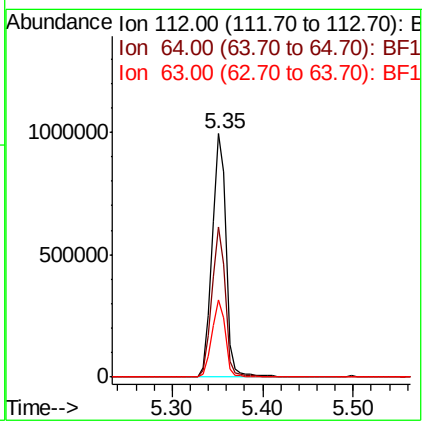


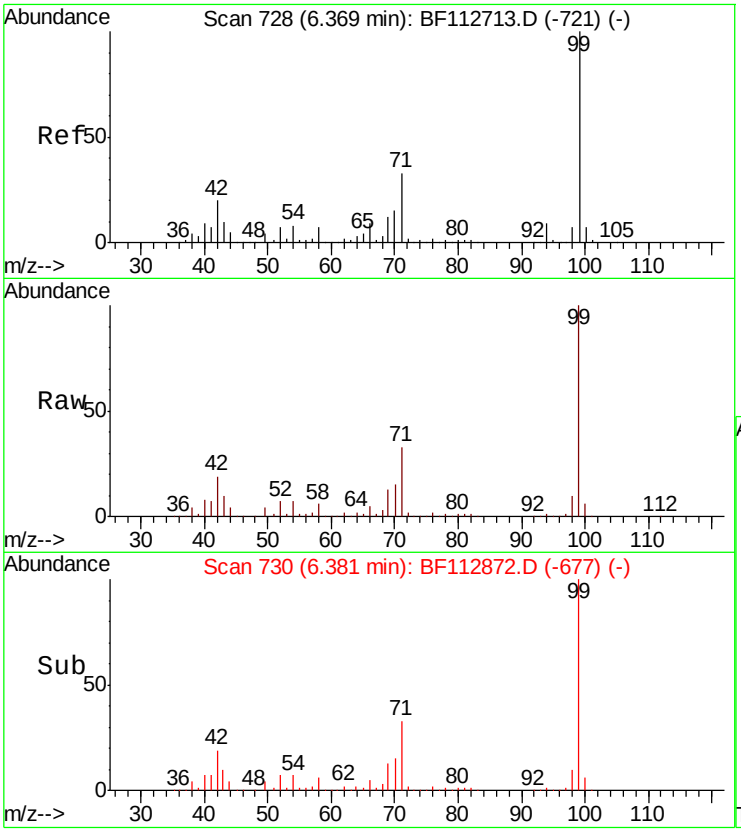




#5
2-Fluorophenol
Concen: 100.829 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:112 Resp: 1068995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.5 | 47.6 | 71.4 |
| 63 | 31.9 | 24.4 | 36.6 |



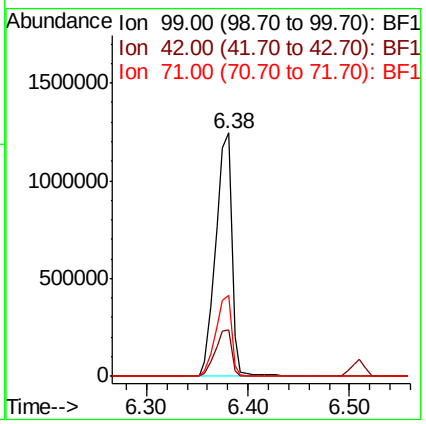


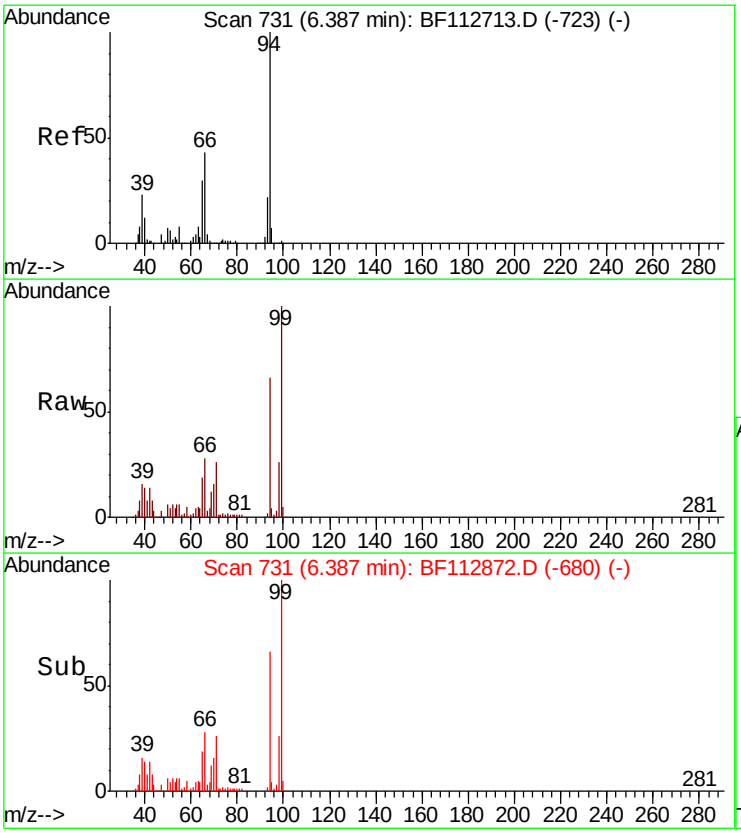

#7
Phenol-d6
Concen: 104.076 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion: 99 Resp: 1386069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.0 | 16.3 | 24.5 |
| 71 | 33.3 | 26.2 | 39.4 |

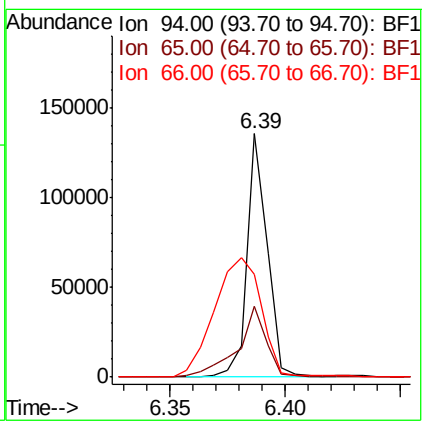


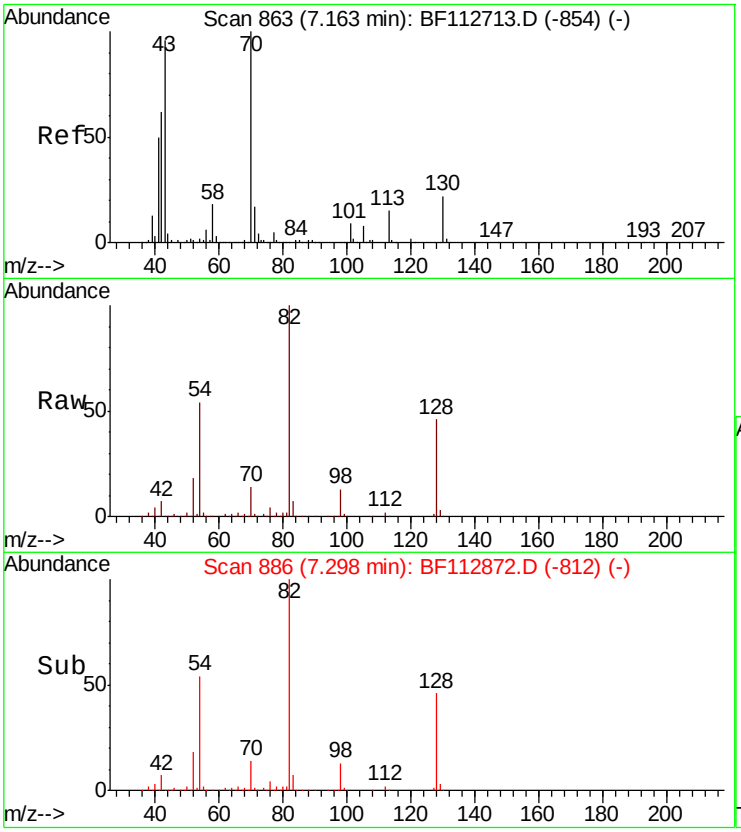




#10
Phenol
Concen: 5.350 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion: 94 Resp: 83141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.2 | 10.5 | 50.5 |
| 66 | 42.4 | 22.6 | 62.6 |



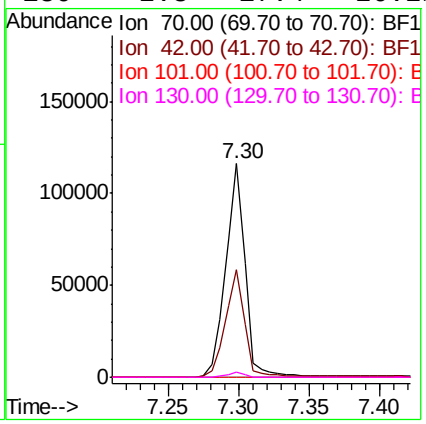


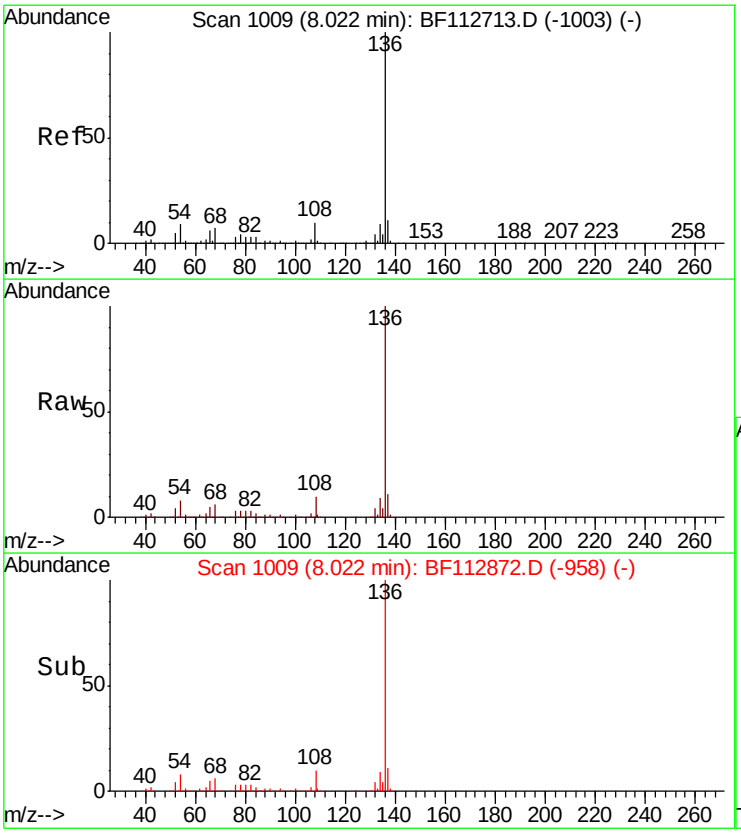

#19
n-Nitroso-di-n-propylamine
Concen: 13.241 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion: 70 Resp: 111687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.5 | 49.9 | 74.9 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.3 | 17.4 | 26.2# |

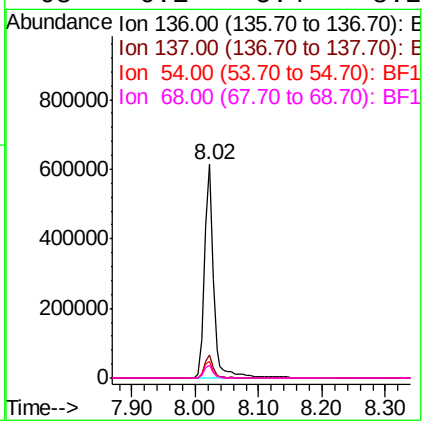


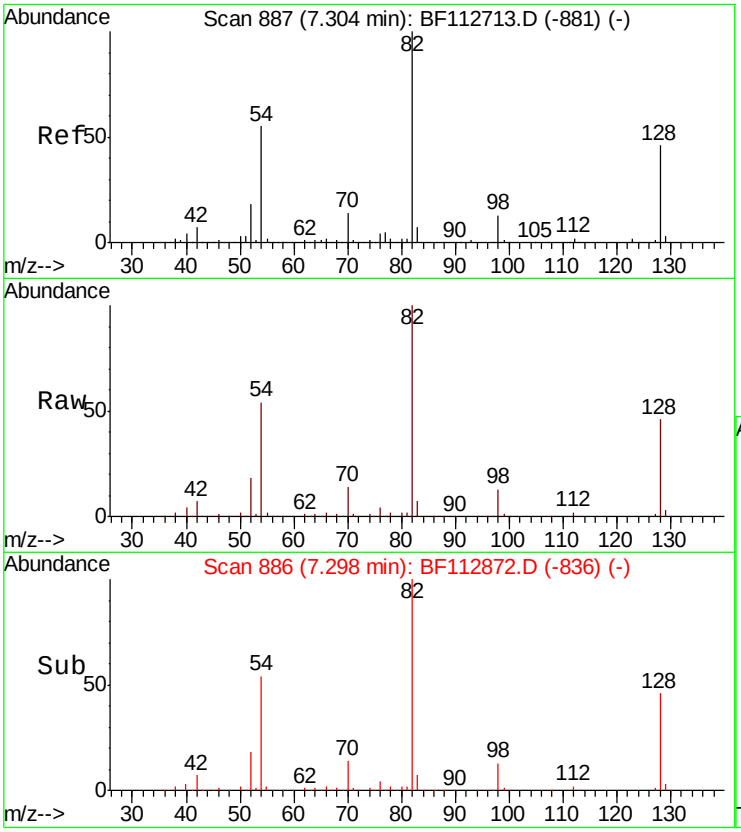




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:136 Resp: 606549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 7.9 | 7.3 | 10.9 |
| 68 | 6.1 | 5.4 | 8.2 |



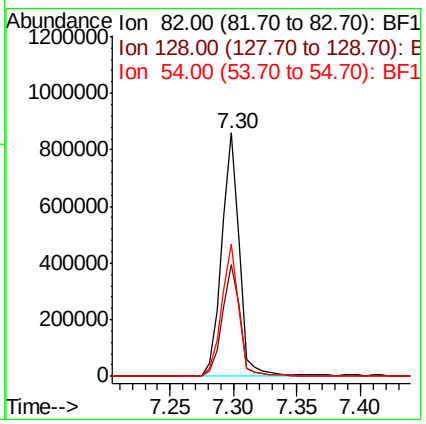


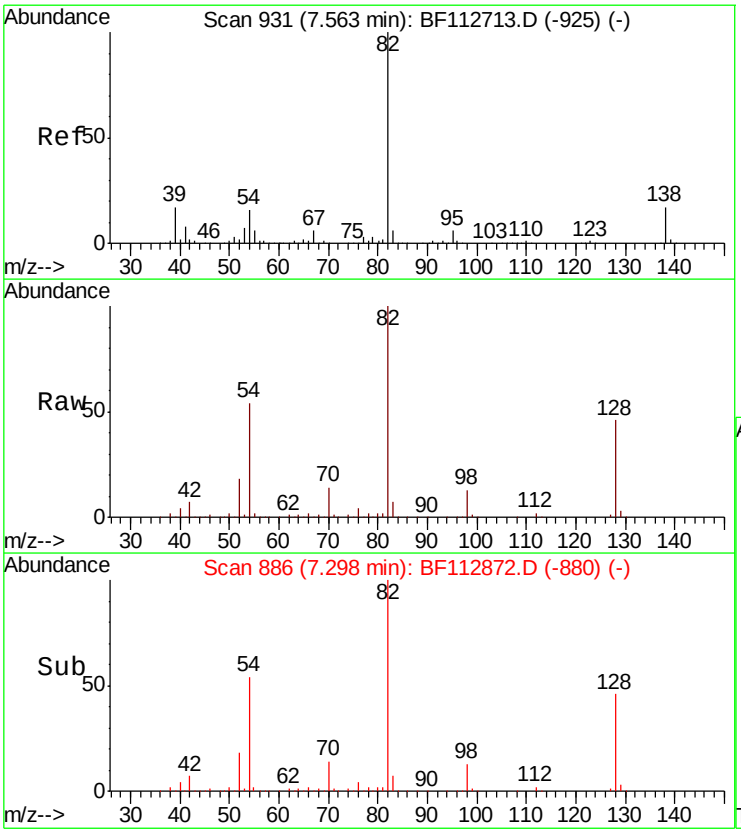

#23
Nitrobenzene-d5
Concen: 82.755 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion: 82 Resp: 838847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 36.3 | 54.5 |
| 54 | 54.4 | 43.7 | 65.5 |

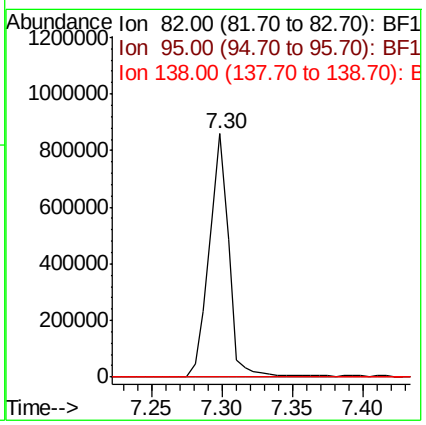


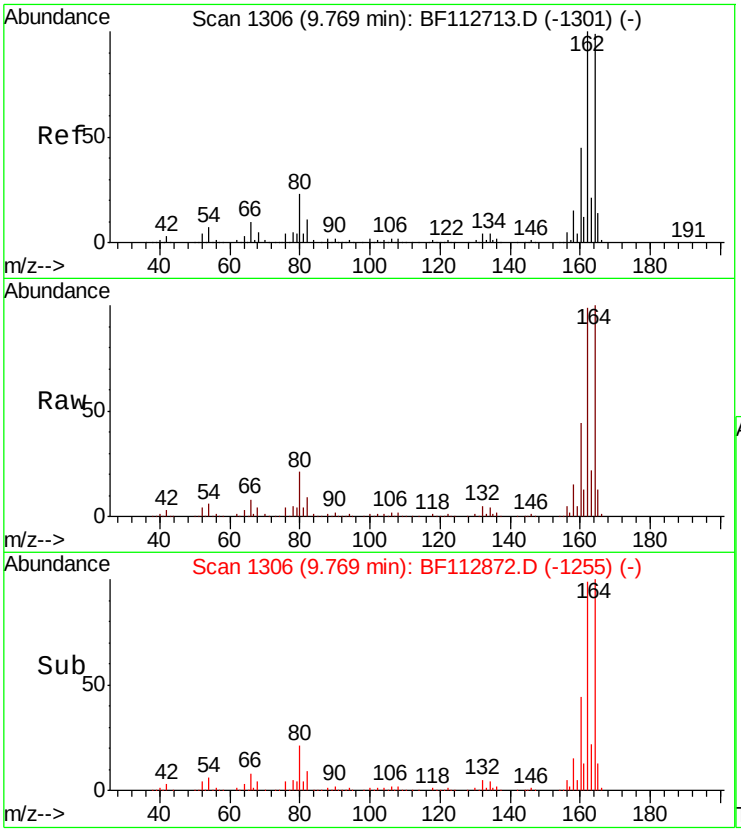




#25
Isophorone
Concen: 37.272 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion: 82 Resp: 813941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 13.8 | 20.8# |



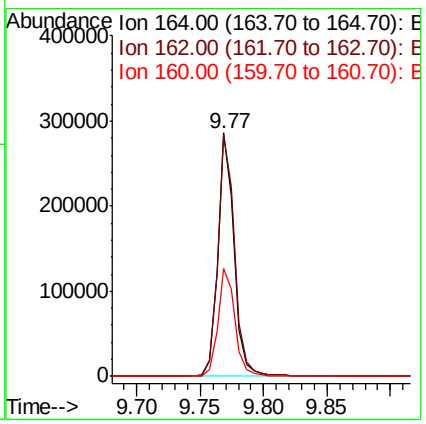


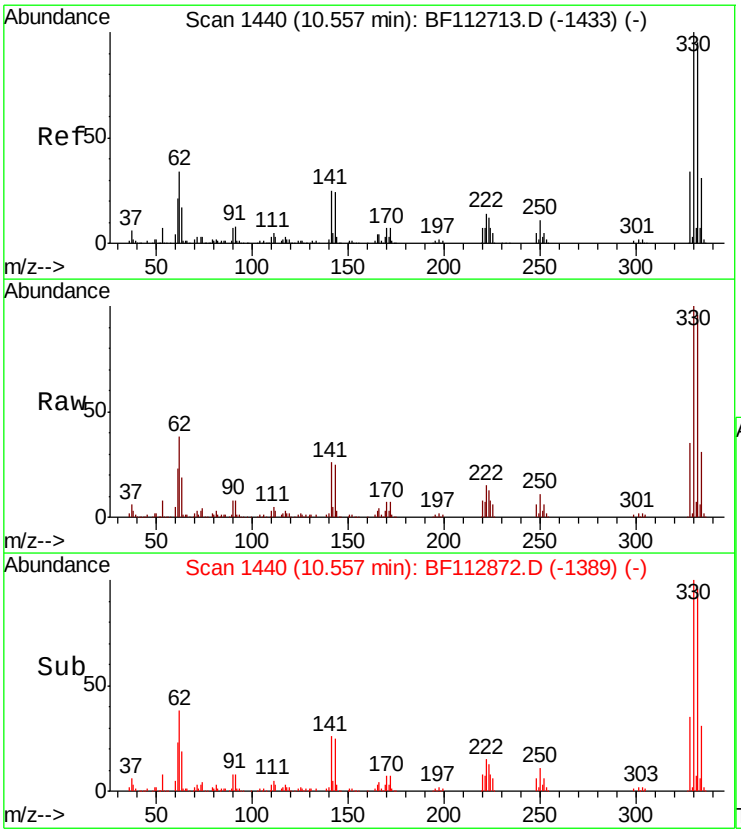

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:164 Resp: 257001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 80.6 | 120.8 |
| 160 | 44.2 | 36.0 | 54.0 |

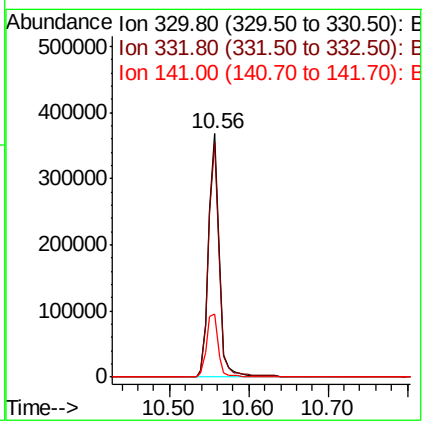


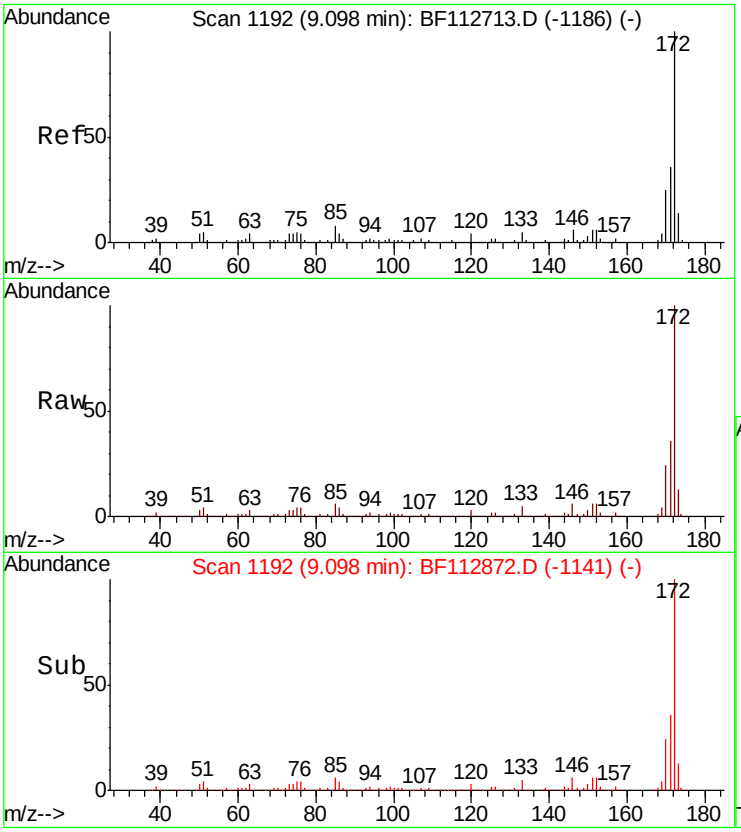




#42
2,4,6-Tribromophenol
Concen: 125.865 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:330 Resp: 343408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.2 | 114.4 |
| 141 | 29.0 | 27.0 | 40.6 |



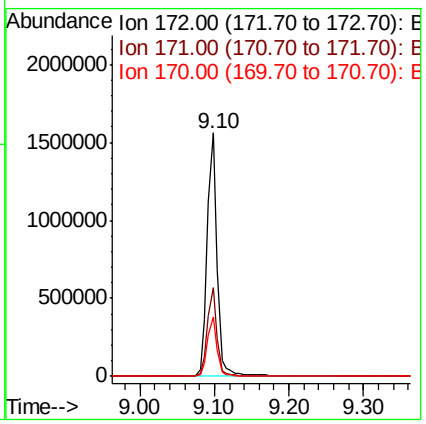


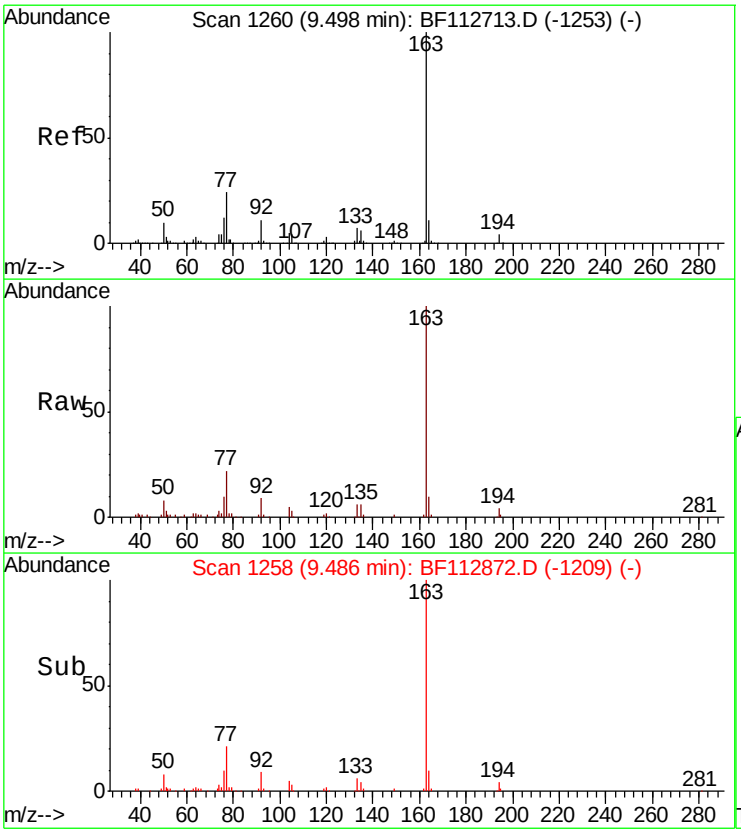

#45
2-Fluorobiphenyl
Concen: 97.037 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:172 Resp: 1449229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.0 | 43.4 |
| 170 | 24.4 | 20.0 | 30.0 |

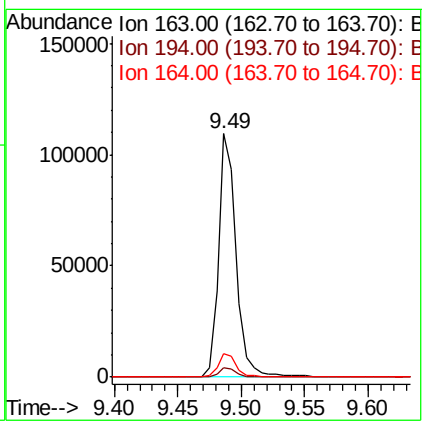


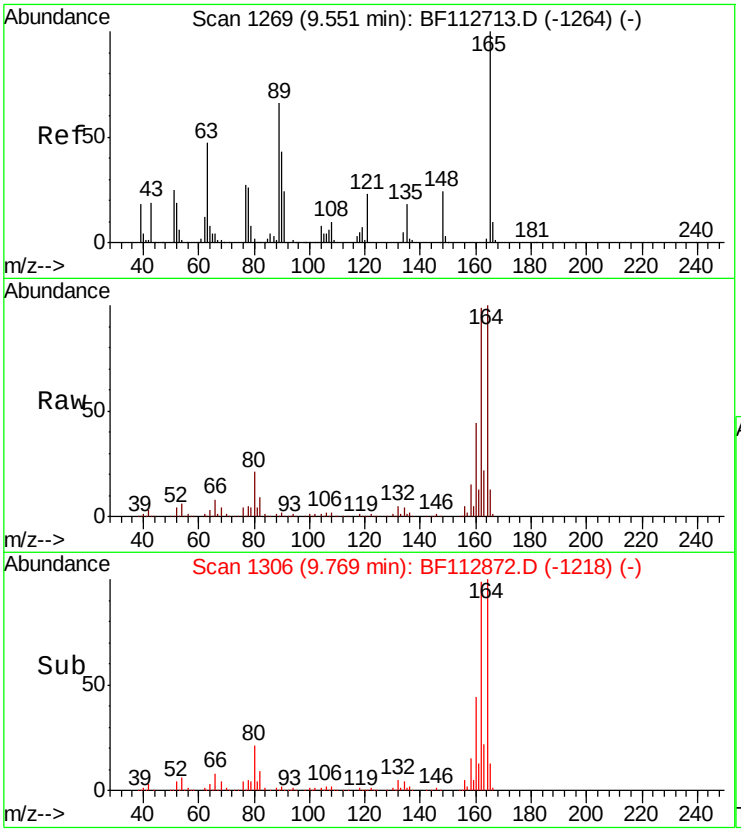




#50
Dimethylphthalate
Concen: 5.584 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:163 Resp: 105821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.4 |
| 164 | 9.6 | 8.4 | 12.6 |



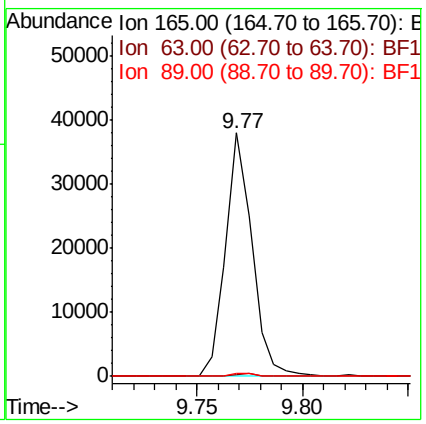


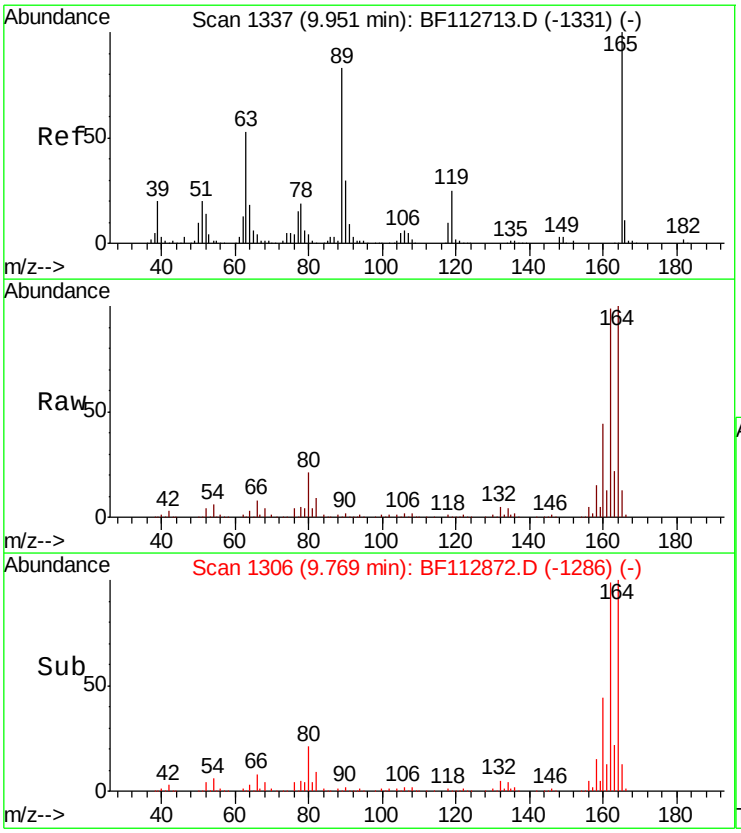

#51
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:165 Resp: 33014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 54.1 | 81.1# |
| 89 | 1.1 | 52.8 | 79.2# |

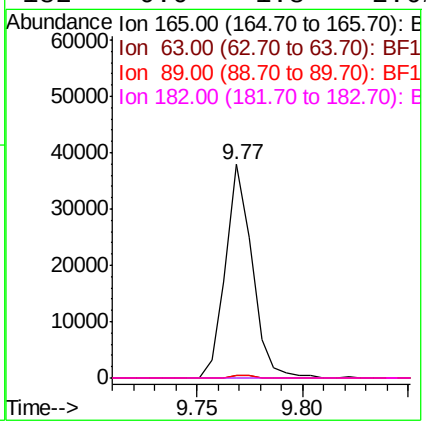


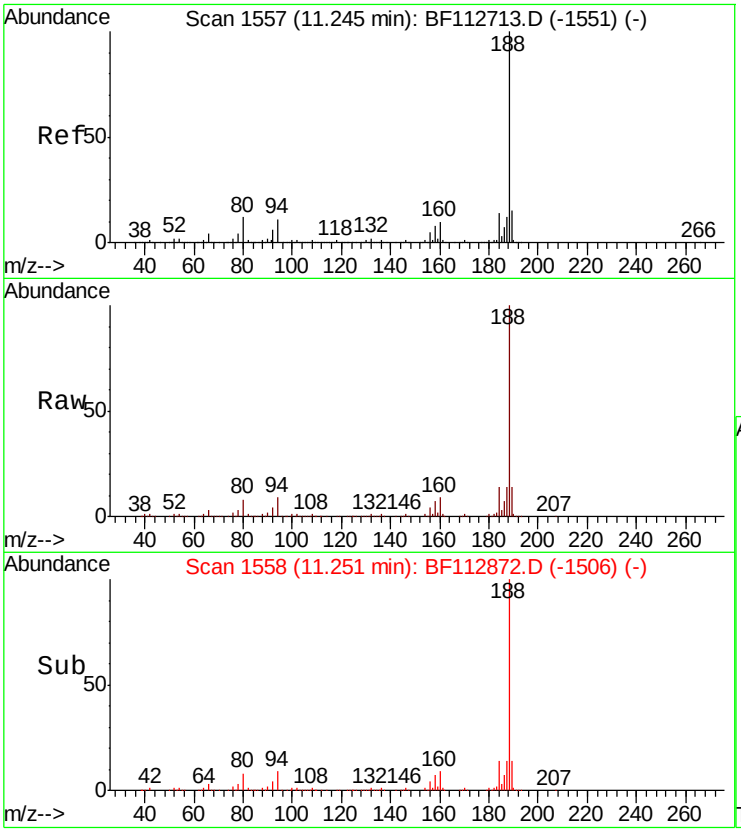




#57
2,4-Dinitrotoluene
Concen: 6.730 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:165 Resp: 33014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 42.2 | 63.2# |
| 89 | 1.1 | 66.2 | 99.4# |
| 182 | 0.0 | 1.8 | 2.6# |



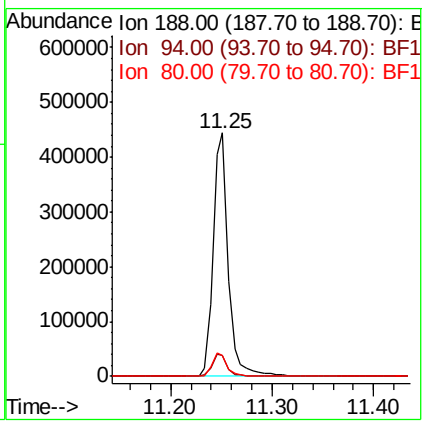


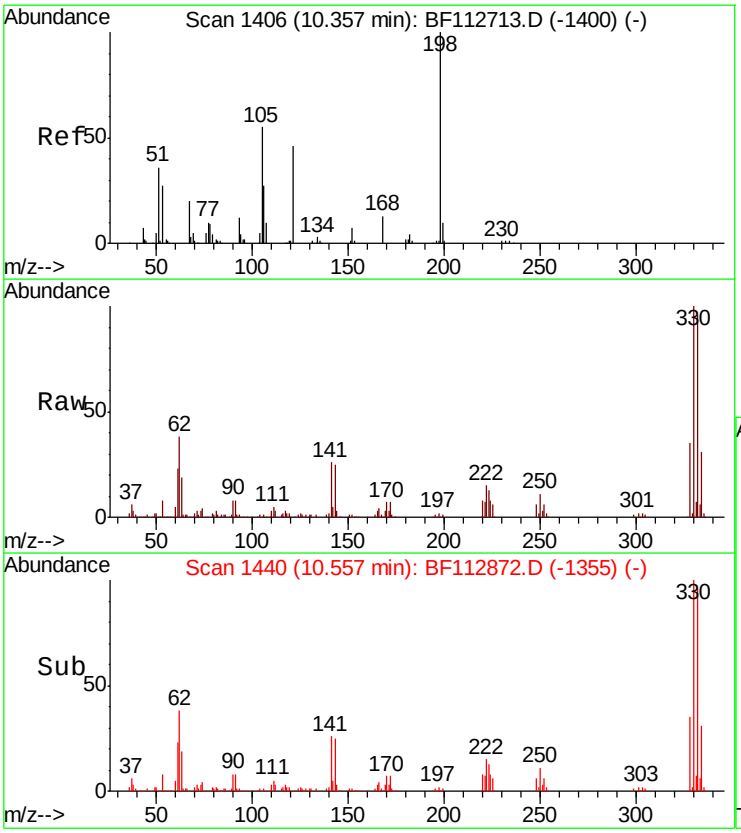

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:188 Resp: 458504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 9.0 | 13.4# |
| 80 | 8.4 | 9.2 | 13.8# |

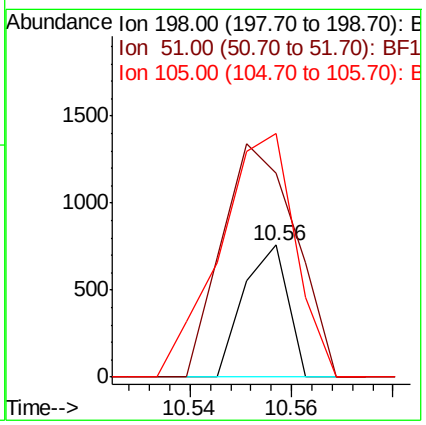


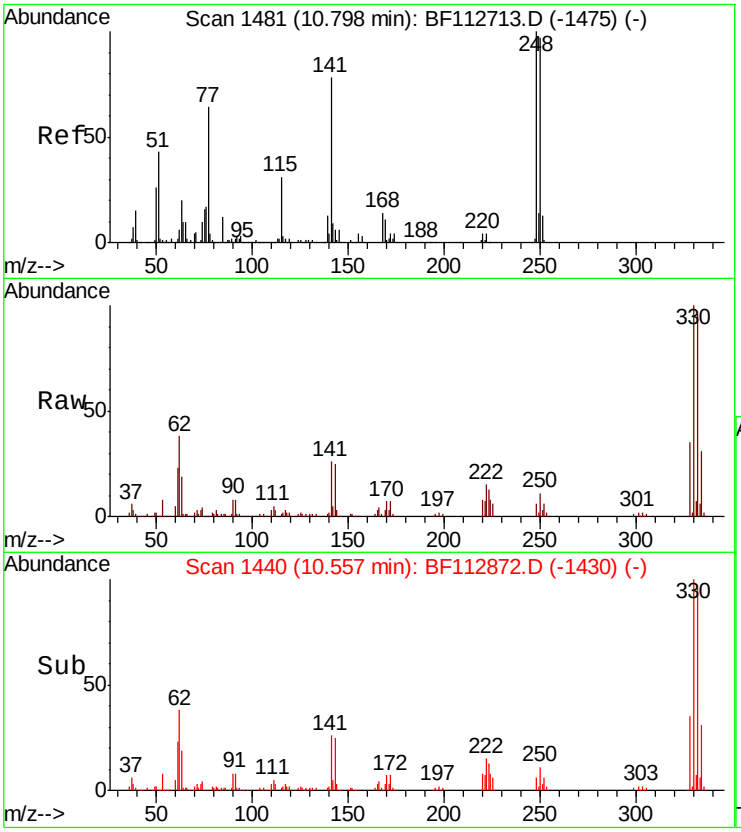




#65
4,6-Dinitro-2-methylphenol
Concen: 4.834 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:198 Resp: 461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 155.1 | 43.8 | 83.8# |
| 105 | 184.8 | 36.5 | 76.5# |



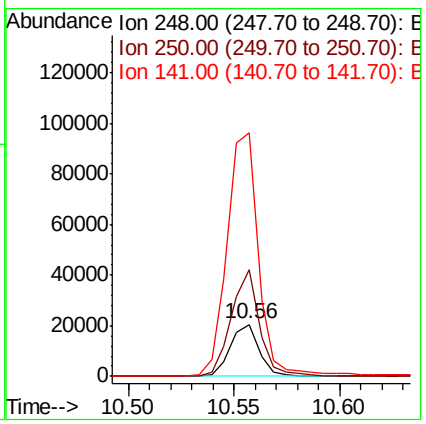


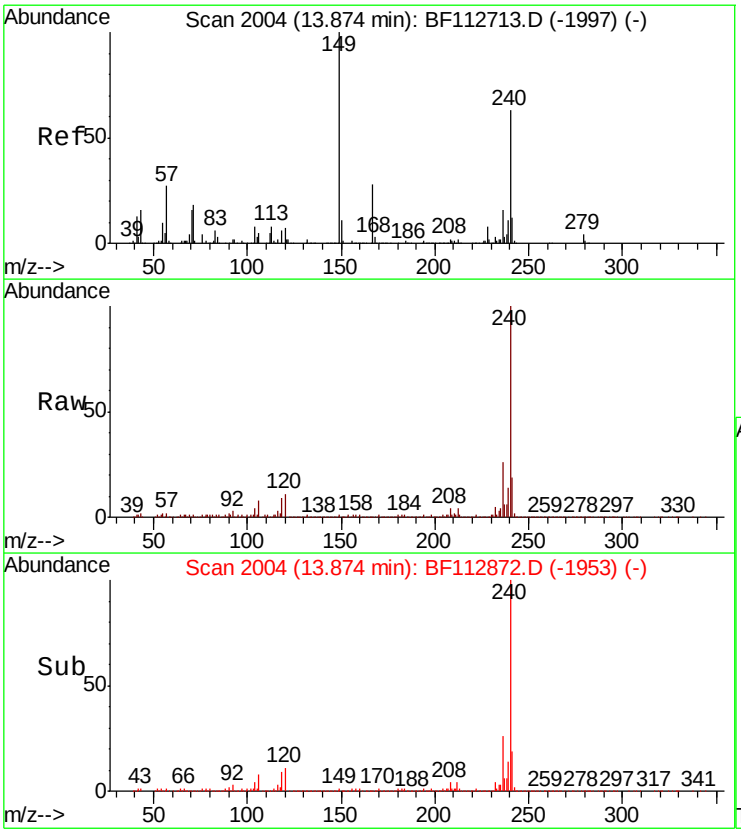

#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:248 Resp: 19514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 205.7 | 77.5 | 116.3# |
| 141 | 469.3 | 62.4 | 93.6# |

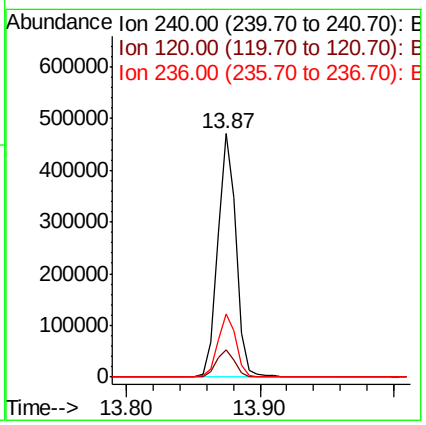


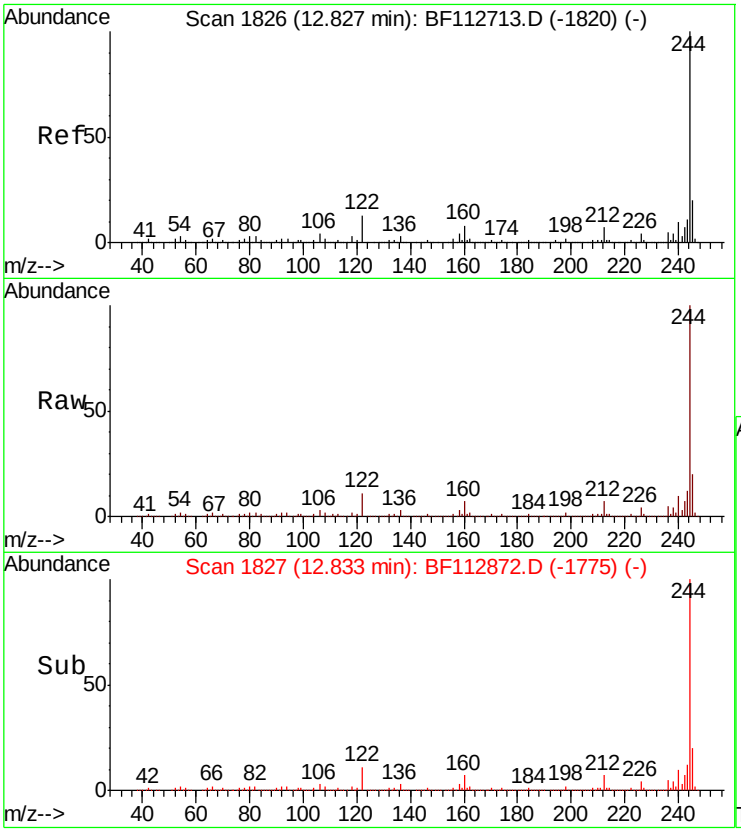




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:240 Resp: 451867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 26.1 | 20.7 | 31.1 |



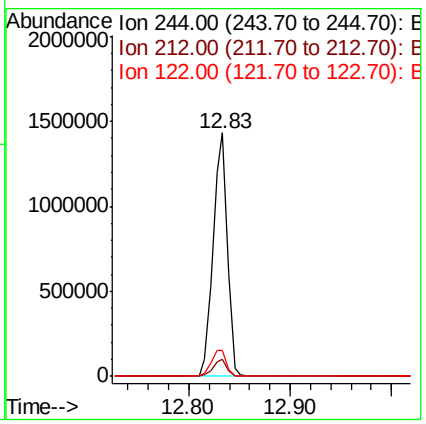


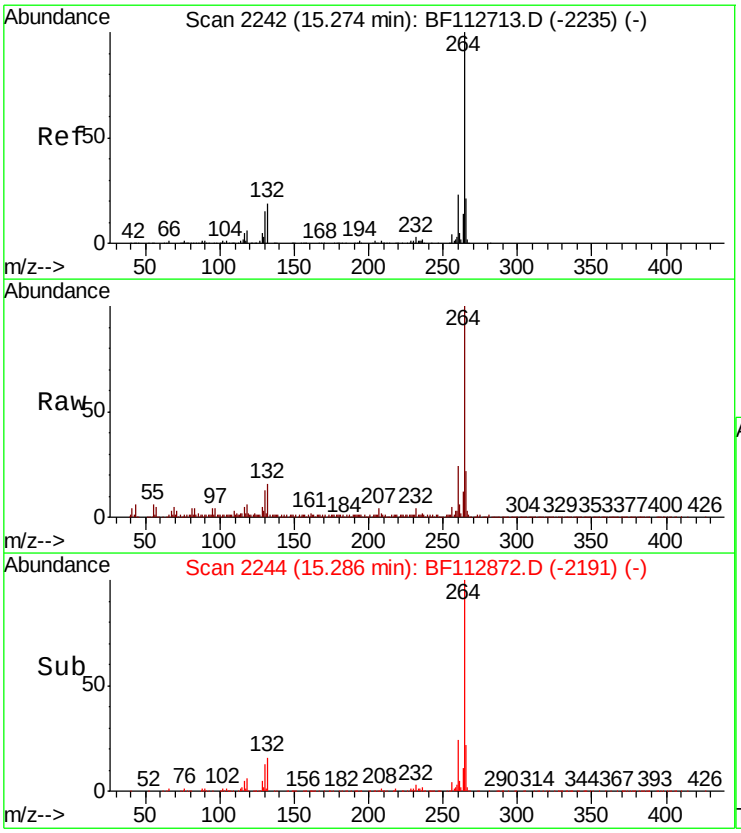

#79
Terphenyl-d14
Concen: 59.778 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

**Instrument :**
BNA_F
**ClientSampleId :**
SB-C-5-8

Tgt Ion:244 Resp: 1393431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.6 | 8.4 |
| 122 | 10.8 | 10.5 | 15.7 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:264 Resp: 321813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 18.7 | 28.1 |
| 265 | 22.0 | 17.2 | 25.8 |