Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099949.D
Acq On : 29 Oct 2017 7:55
Operator : SJ/JU
Sample : I6100-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 30 02:07:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 113014 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 443605 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 179782 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 250903 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.96 | 240 | 192127 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 15.42 | 264 | 183029 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 318207 | 44.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 242588 | 28.42 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 603438 | 87.58 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 109407 | 66.78 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1115769 | 95.75 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.90 | 244 | 718574 | 81.74 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.45 | 94 | 19387 | 2.069 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 74521 | 14.898 | ng | # | 72 |
| 25) Isophorone | 7.36 | 82 | 603438 | 48.263 | ng | # | 64 |
| 49) Dimethylphthalate | 9.54 | 163 | 38219 | 2.684 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.82 | 165 | 22124 | 7.392 | ng | # | 25 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 22124 | 6.138 | ng | # | 22 |
| 62) Azobenzene | 10.53 | 77 | 52619 | 4.515 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 7037 | 2.664 | ng | # | 1 |

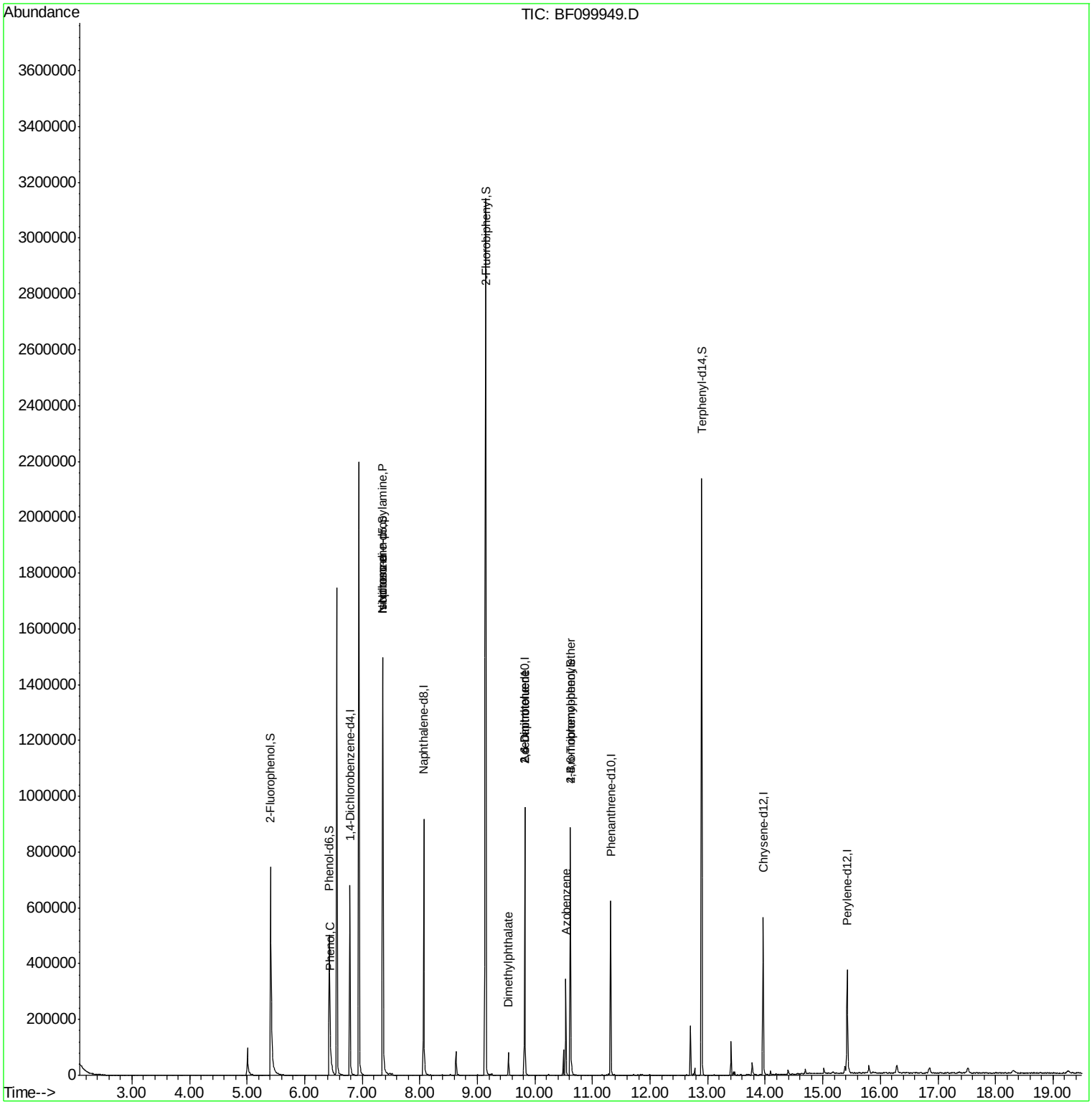
(#) = qualifier out of range (m) = manual integration (+) = signals summed

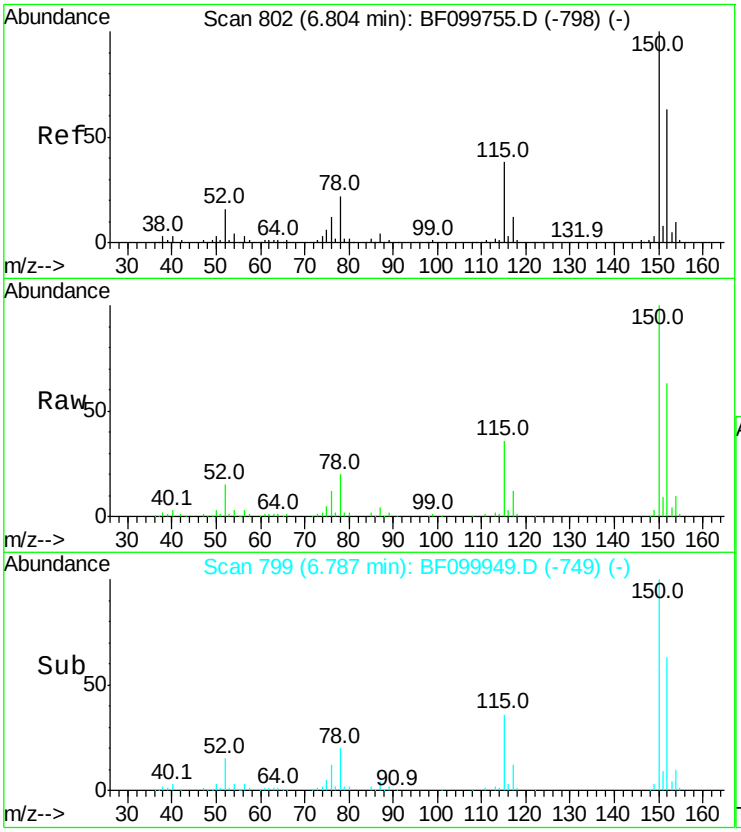
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099949.D
Acq On : 29 Oct 2017 7:55
Operator : SJ/JU
Sample : I6100-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 30 02:07:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



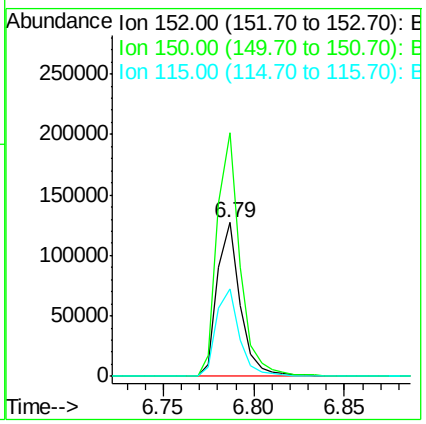


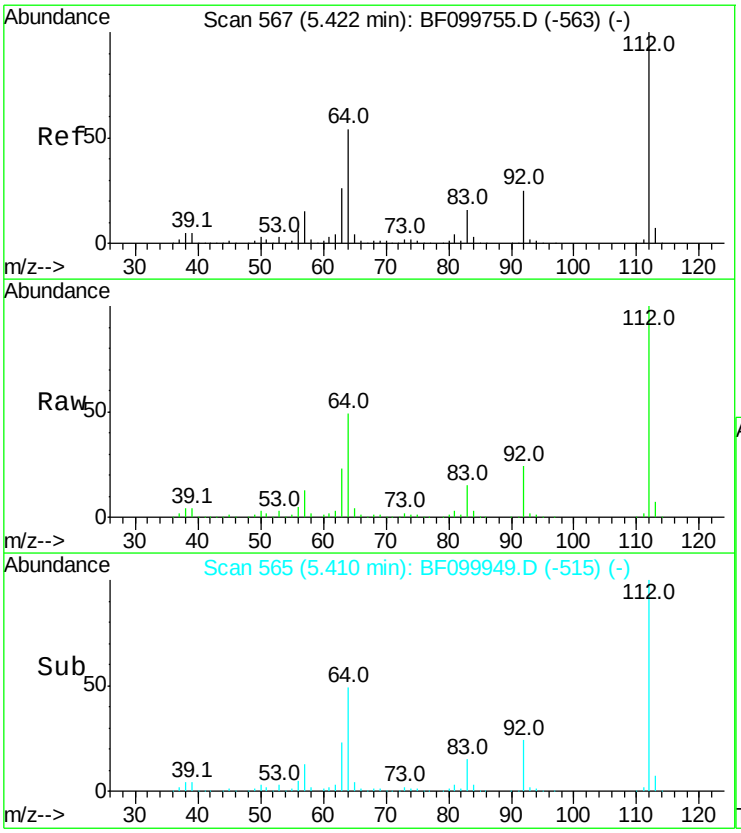

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:152 Resp: 113014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 124.6 | 186.8 |
| 115 | 56.5 | 50.1 | 75.1 |

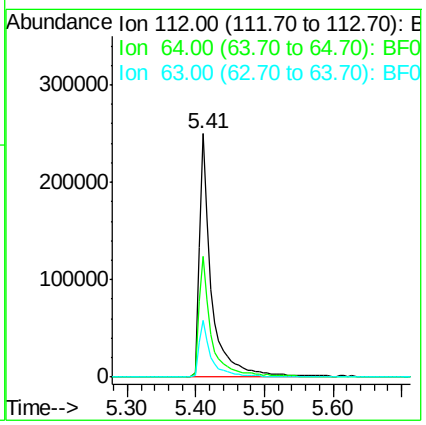


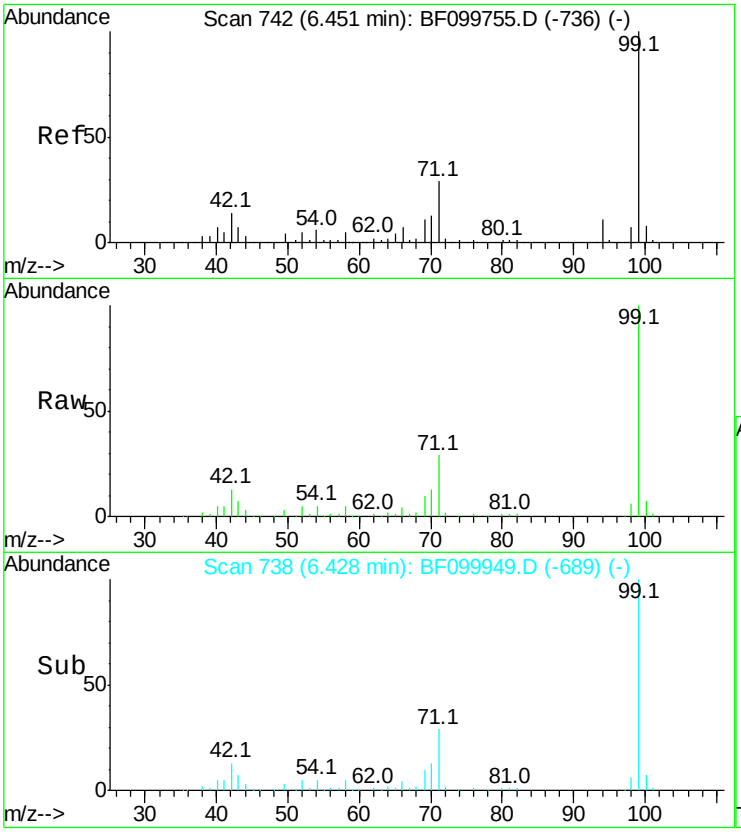




#5
2-Fluorophenol
Concen: 44.205 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:112 Resp: 318207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.4 | 47.9 | 71.9 |
| 63 | 23.4 | 23.7 | 35.5# |



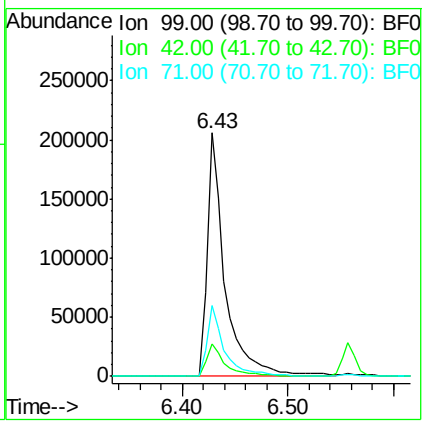


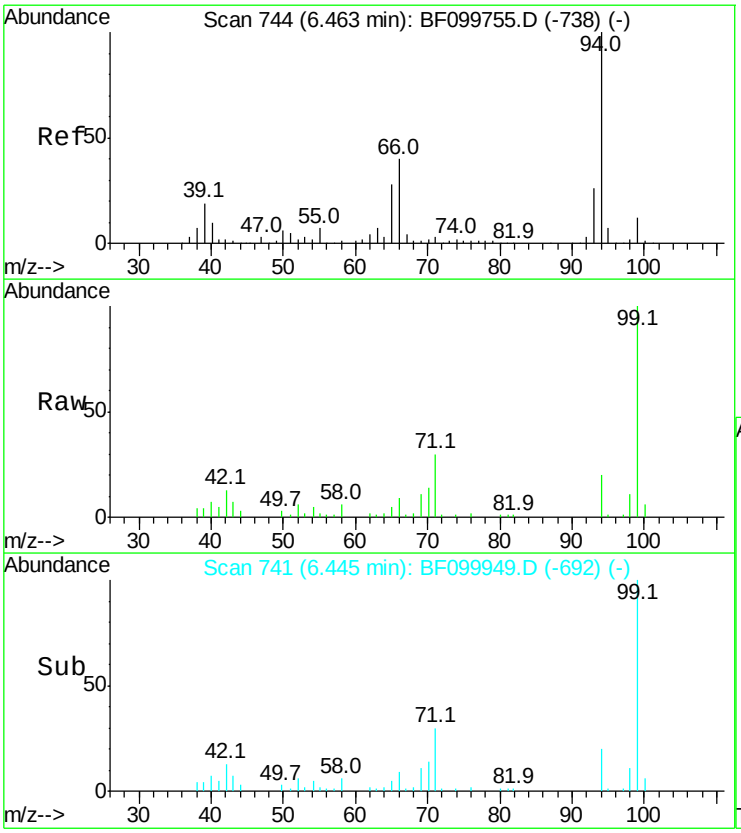

#7
Phenol-d6
Concen: 28.421 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion: 99 Resp: 242588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.2 | 14.5 | 21.7# |
| 71 | 29.0 | 25.4 | 38.0 |

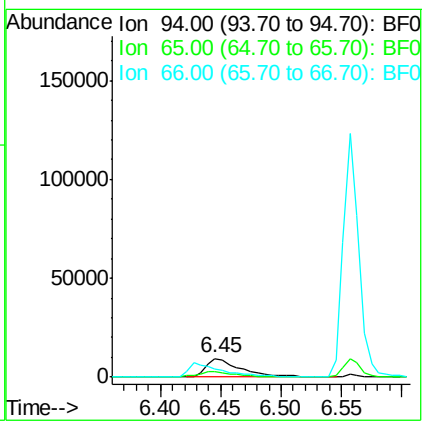


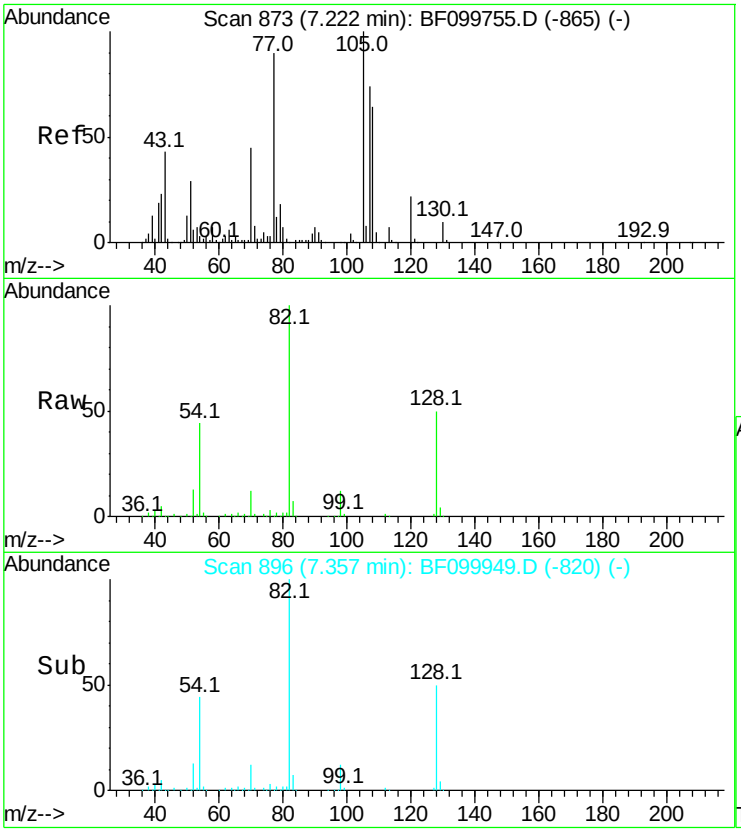




#10
Phenol
Concen: 2.069 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion: 94 Resp: 19387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.0 | 7.9 | 47.9 |
| 66 | 45.6 | 16.2 | 56.2 |



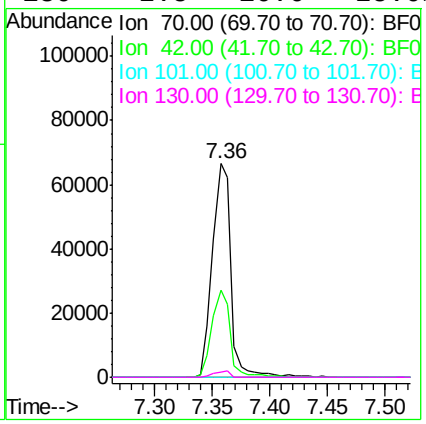


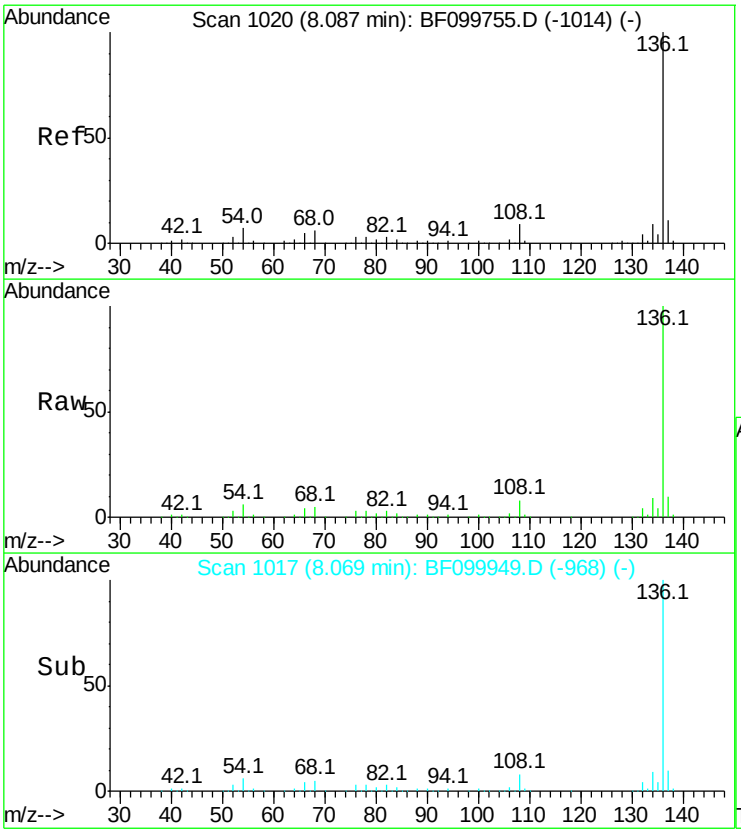

#19
n-Nitroso-di-n-propylamine
Concen: 14.898 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion: 70 Resp: 74521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.7 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.5 | 16.6 | 25.0# |

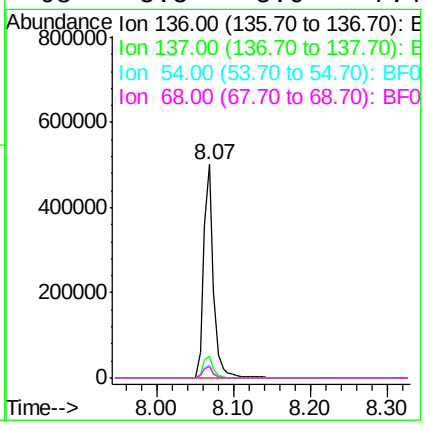


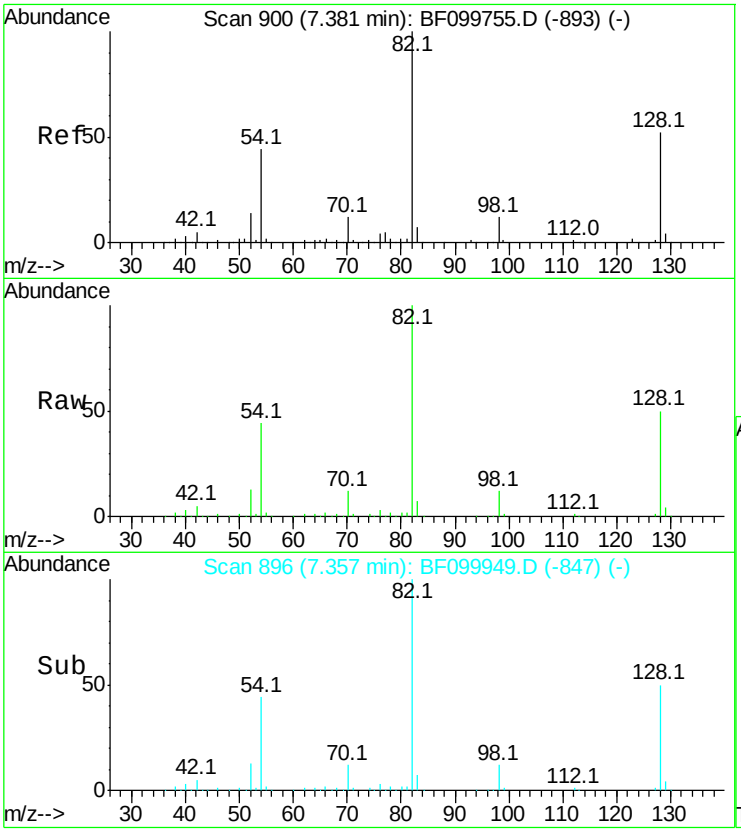




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:136 Resp: 443605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.9 | 13.3 |
| 54 | 5.8 | 6.6 | 9.8# |
| 68 | 5.5 | 5.0 | 7.4 |



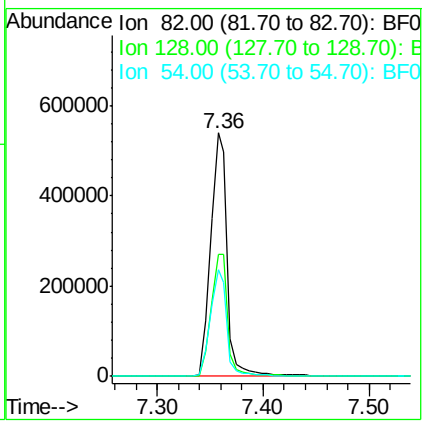


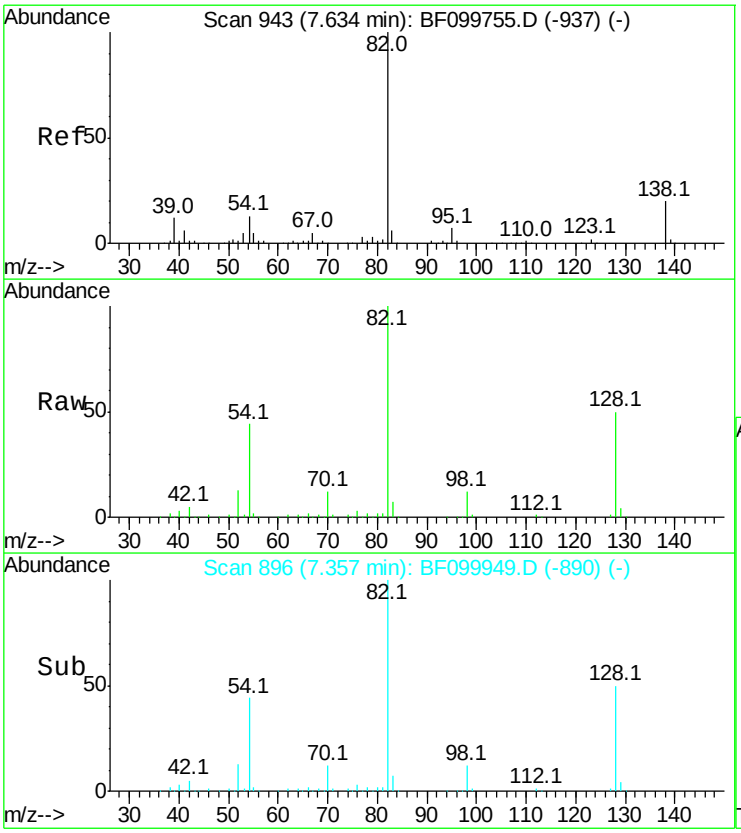

#23
Nitrobenzene-d5
Concen: 87.577 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion: 82 Resp: 603438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.2 | 36.1 | 54.1 |
| 54 | 43.9 | 41.4 | 62.2 |

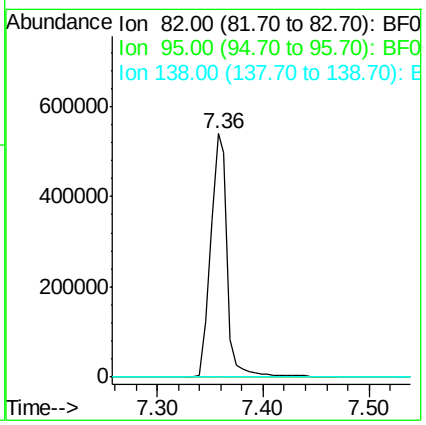


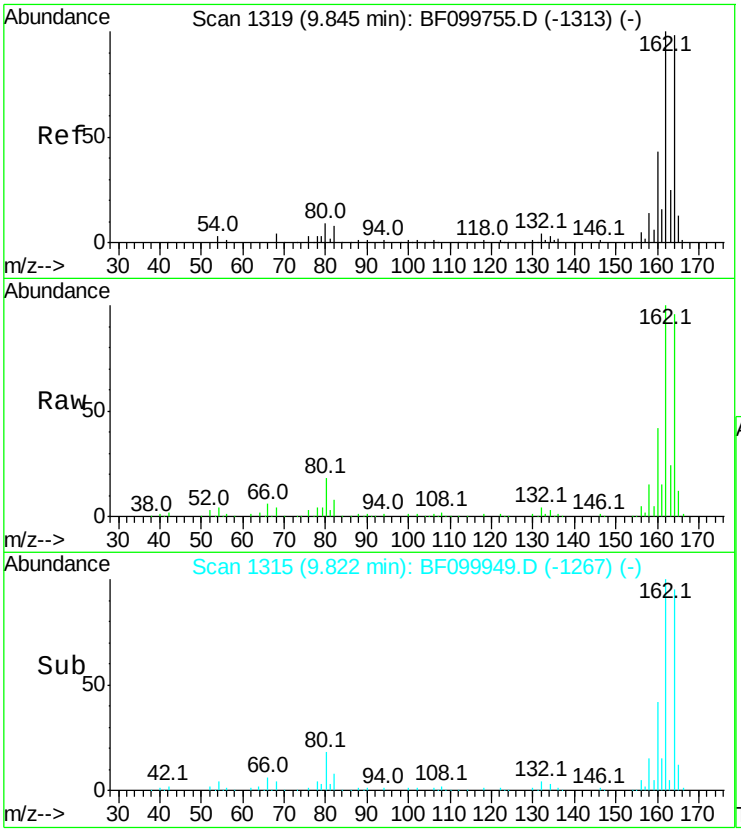




#25
Isophorone
Concen: 48.263 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion: 82 Resp: 603438

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



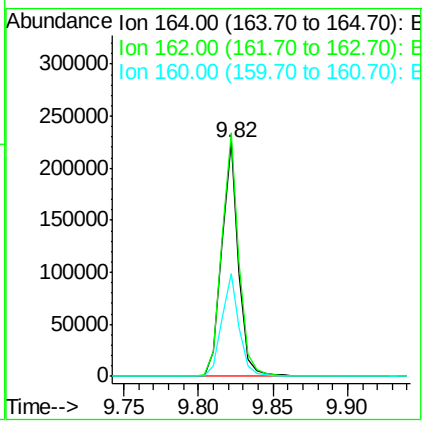


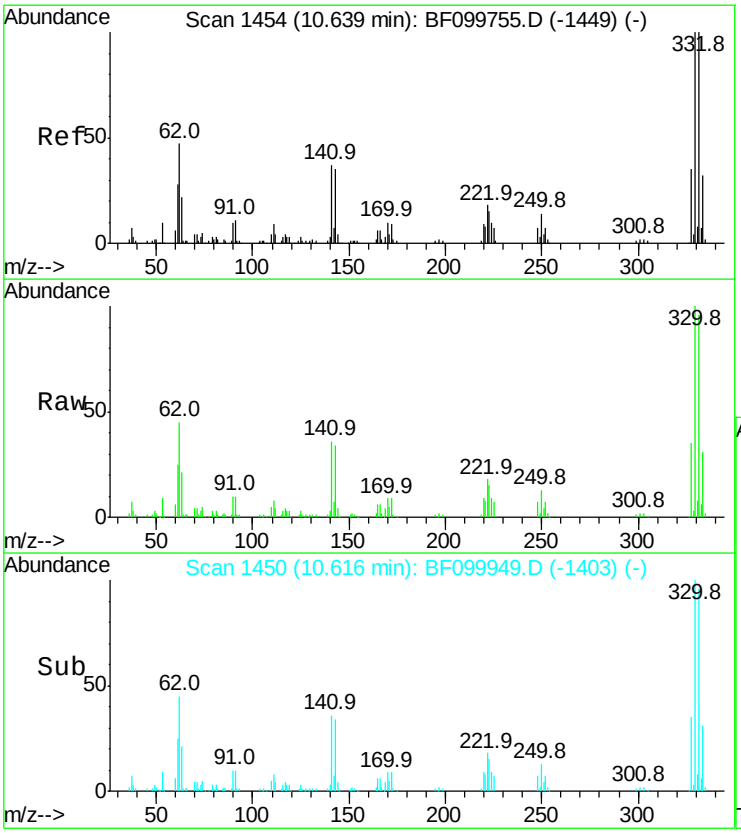

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:164 Resp: 179782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 86.1 | 129.1 |
| 160 | 43.9 | 38.3 | 57.5 |

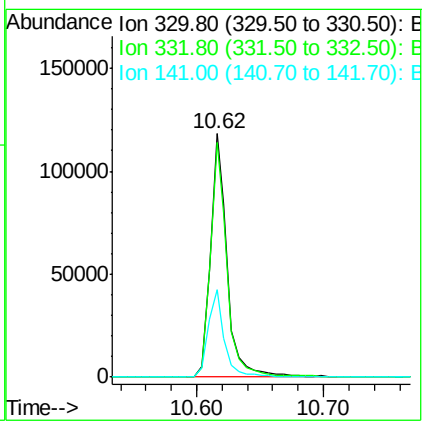


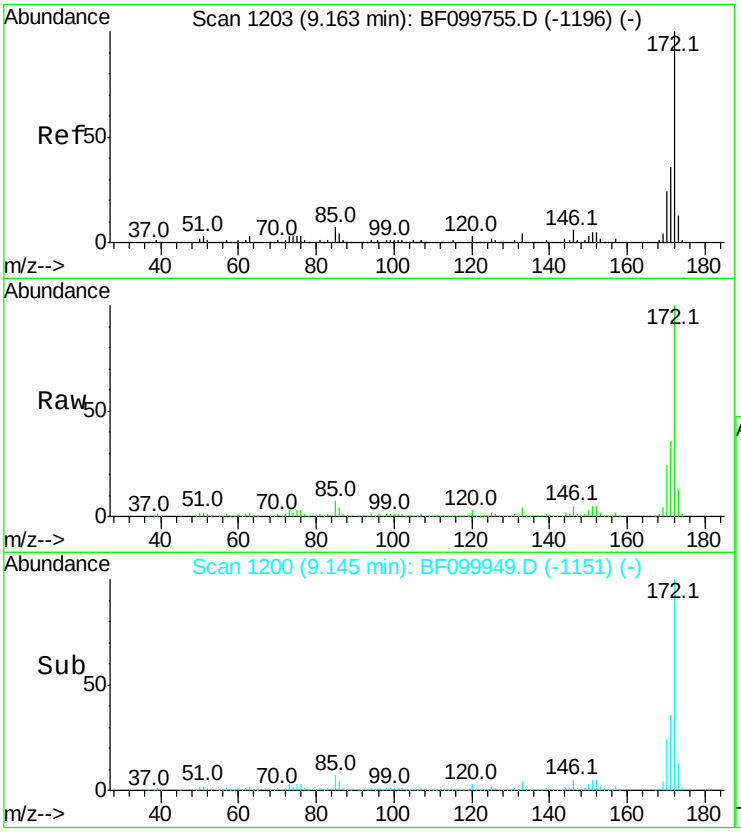




#41
2,4,6-Tribromophenol
Concen: 66.777 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:330 Resp: 109407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 34.8 | 29.9 | 44.9 |



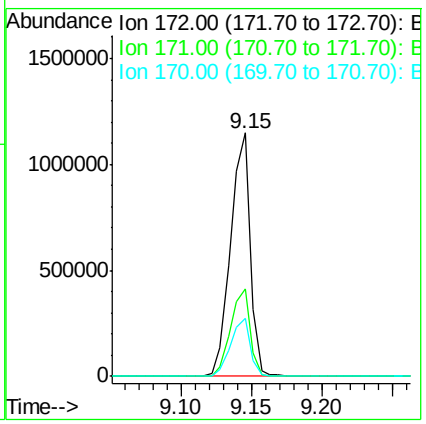


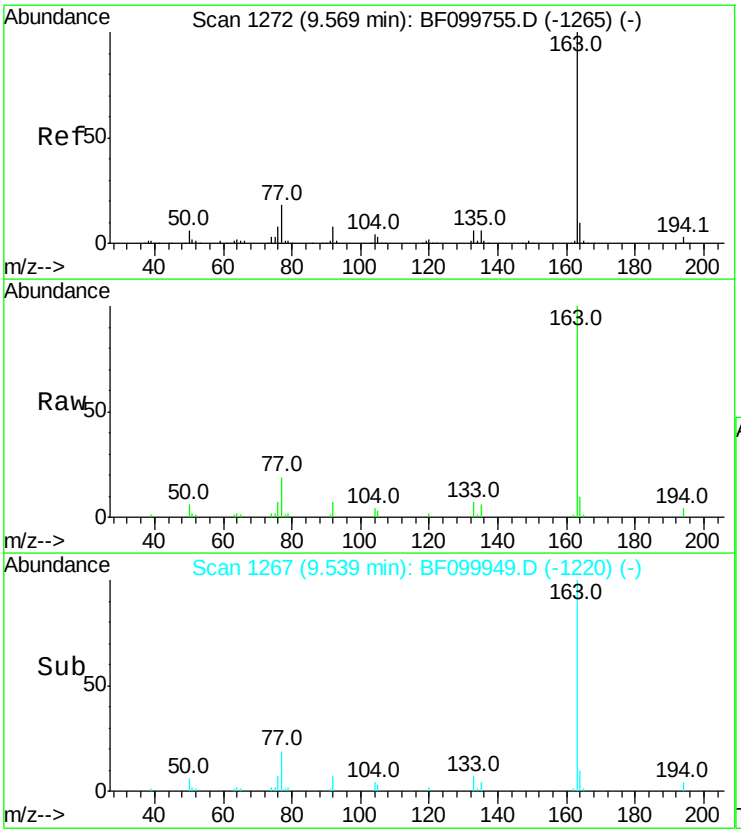

#44
2-Fluorobiphenyl
Concen: 95.752 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:172 Resp: 1115769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.7 | 44.5 |
| 170 | 23.6 | 19.6 | 29.4 |

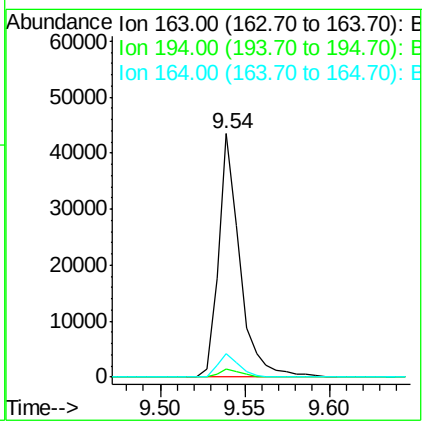


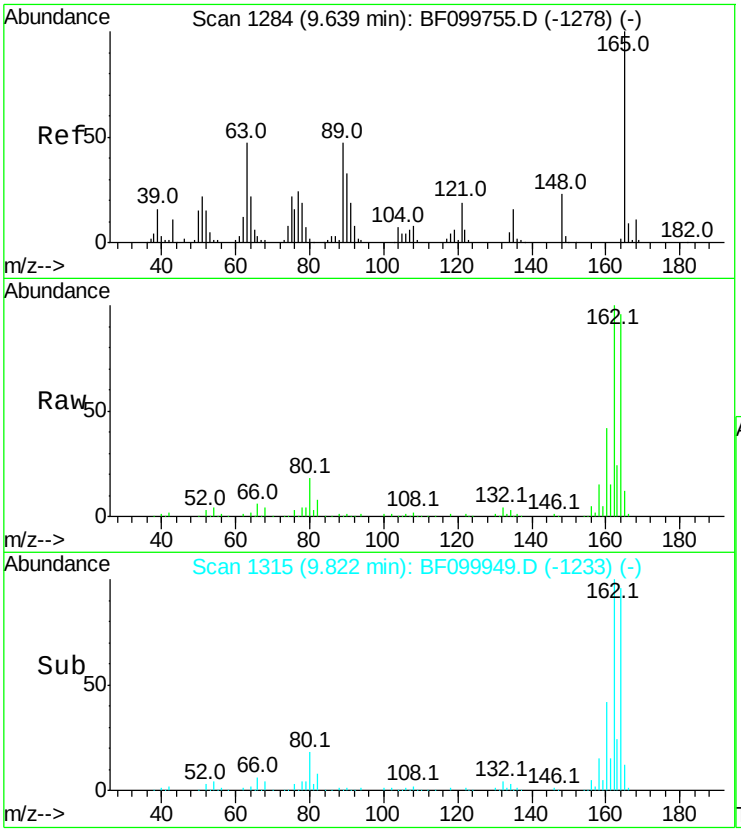




#49
Dimethylphthalate
Concen: 2.684 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:163 Resp: 38219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.7 | 4.1 |
| 164 | 9.6 | 8.2 | 12.2 |



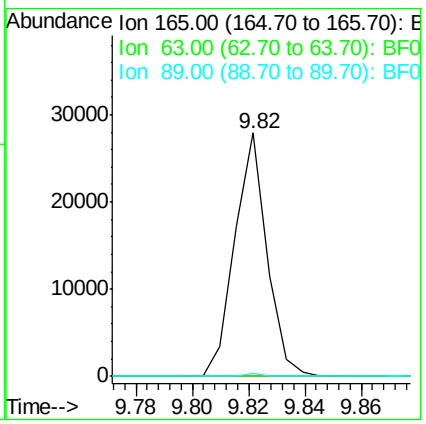


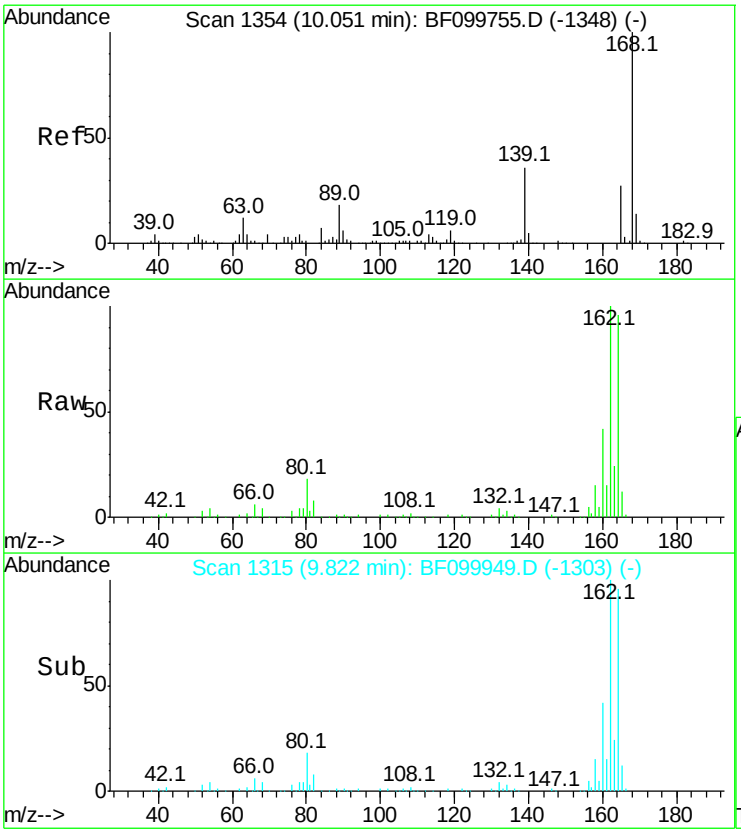

#50
2,6-Dinitrotoluene
Concen: 7.392 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:165 Resp: 22124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.7 | 67.1# |
| 89 | 1.4 | 44.0 | 66.0# |

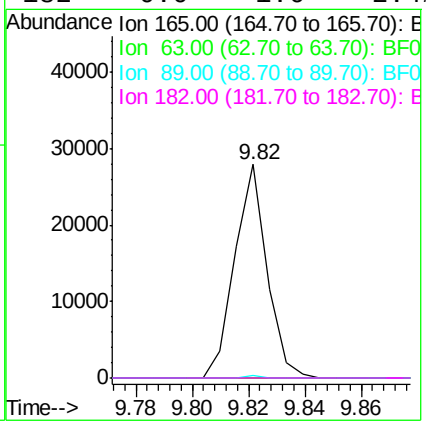


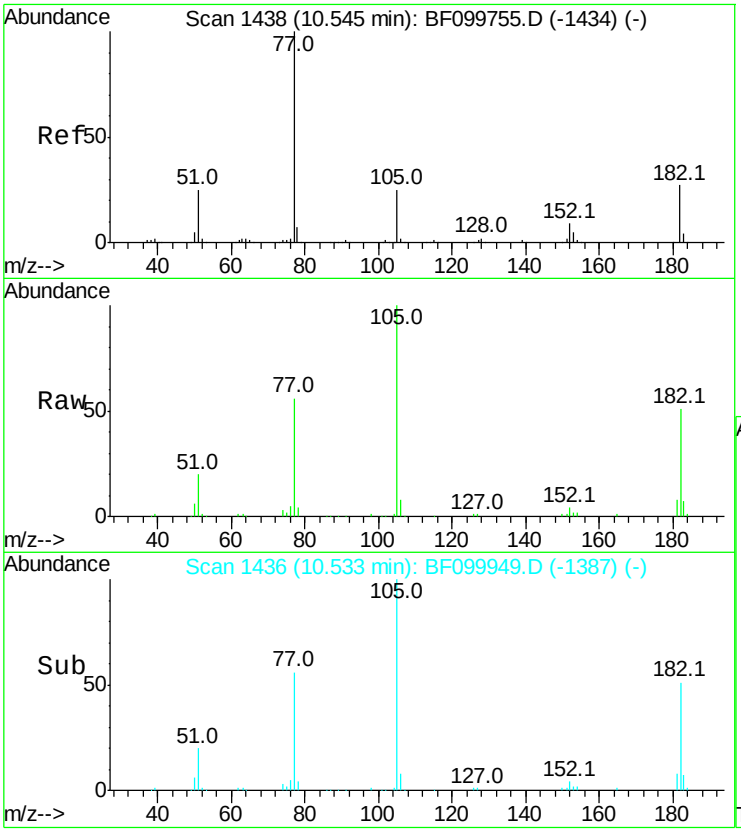




#56
2,4-Dinitrotoluene
Concen: 6.138 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:165 Resp: 22124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 36.4 | 54.6# |
| 89 | 1.4 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



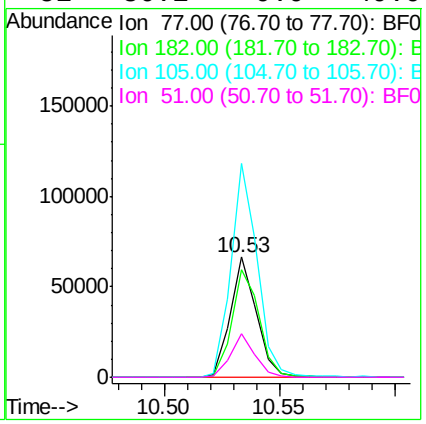


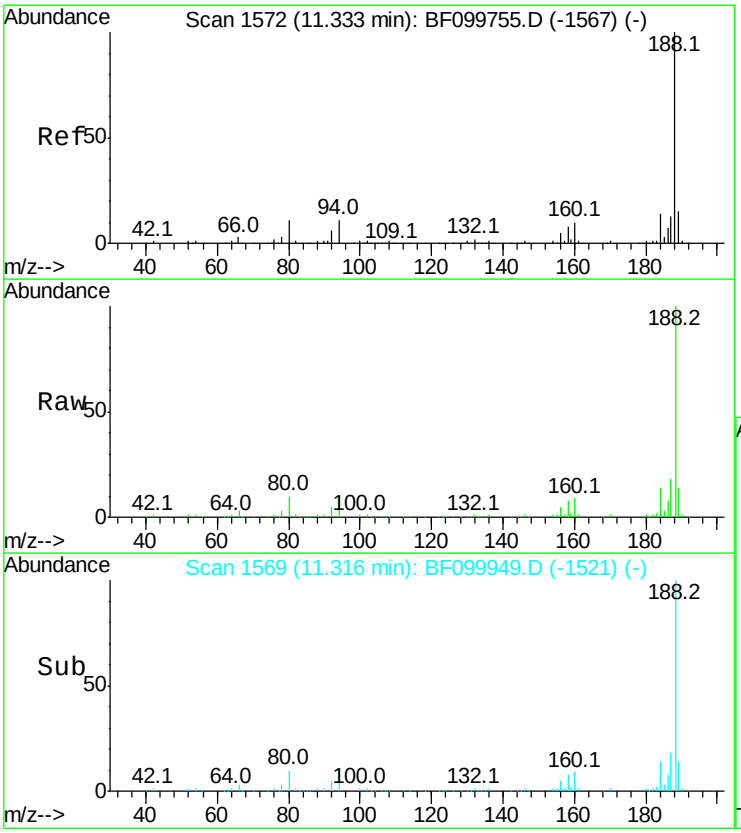

#62
Azobenzene
Concen: 4.515 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion: 77 Resp: 52619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 90.1 | 1.7 | 41.7# |
| 105 | 178.2 | 3.0 | 43.0# |
| 51 | 36.1 | 9.9 | 49.9 |

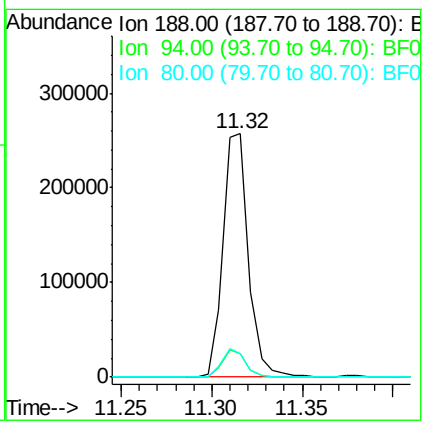


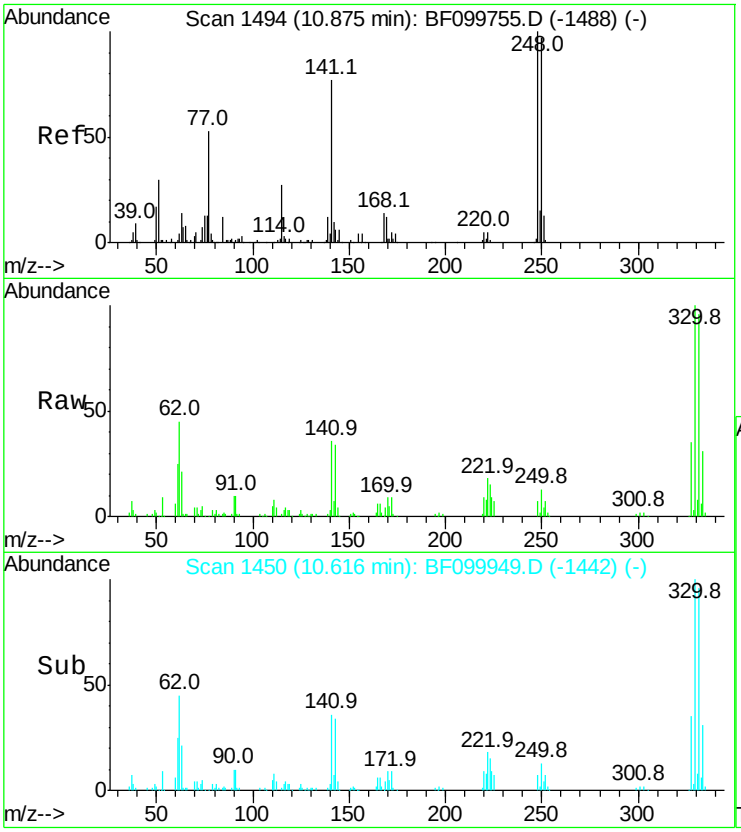




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:188 Resp: 250903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 8.5 | 12.7 |
| 80 | 9.6 | 9.2 | 13.8 |



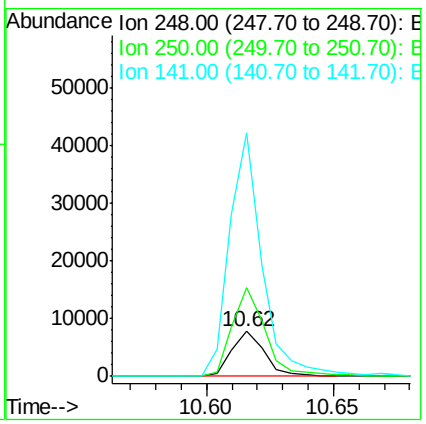


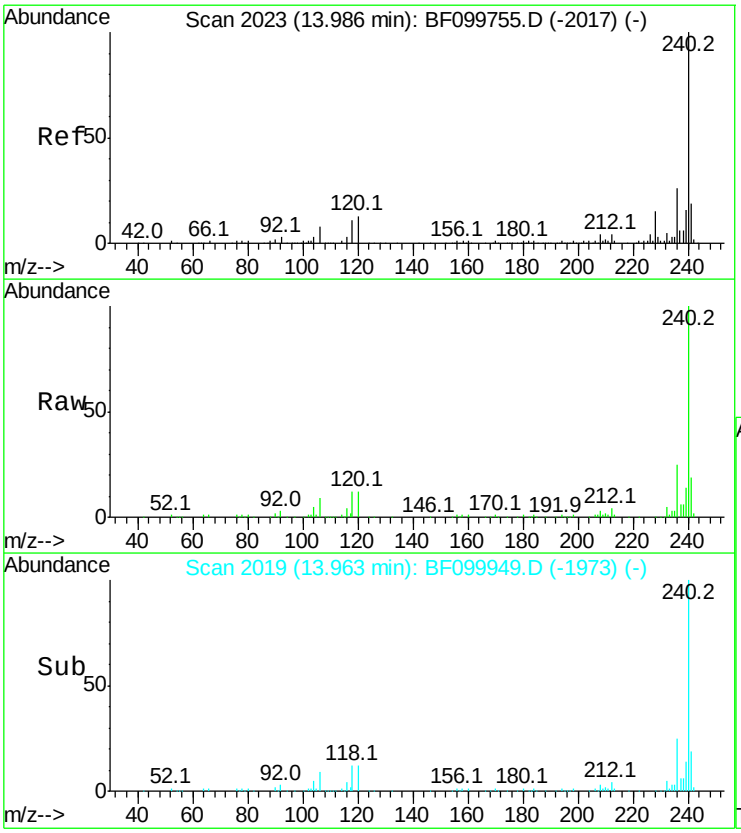

#66
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:248 Resp: 7037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 198.6 | 76.9 | 115.3# |
| 141 | 543.2 | 74.4 | 111.6# |

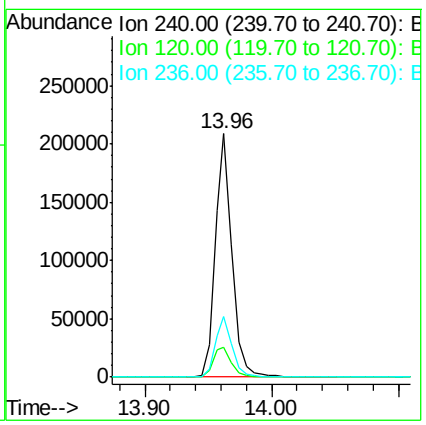


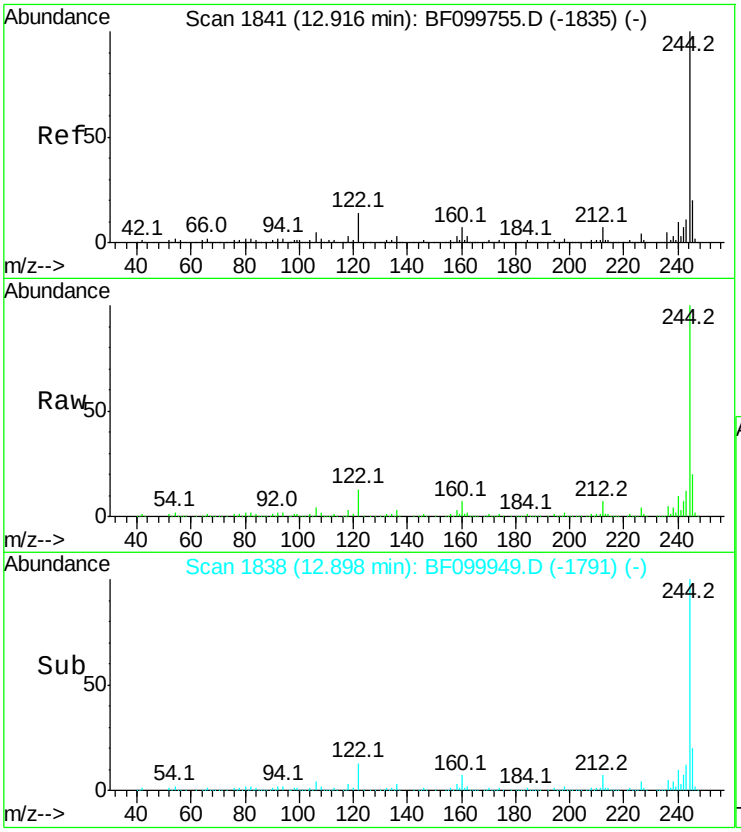




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:240 Resp: 192127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 9.5 | 14.3 |
| 236 | 24.8 | 20.7 | 31.1 |



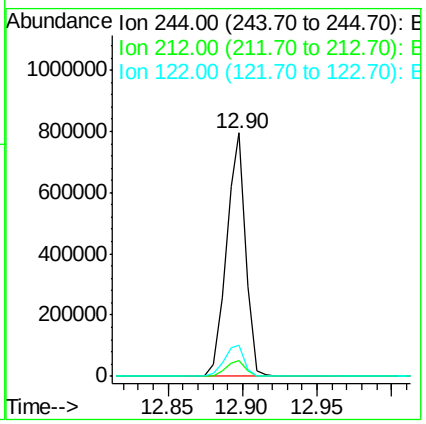


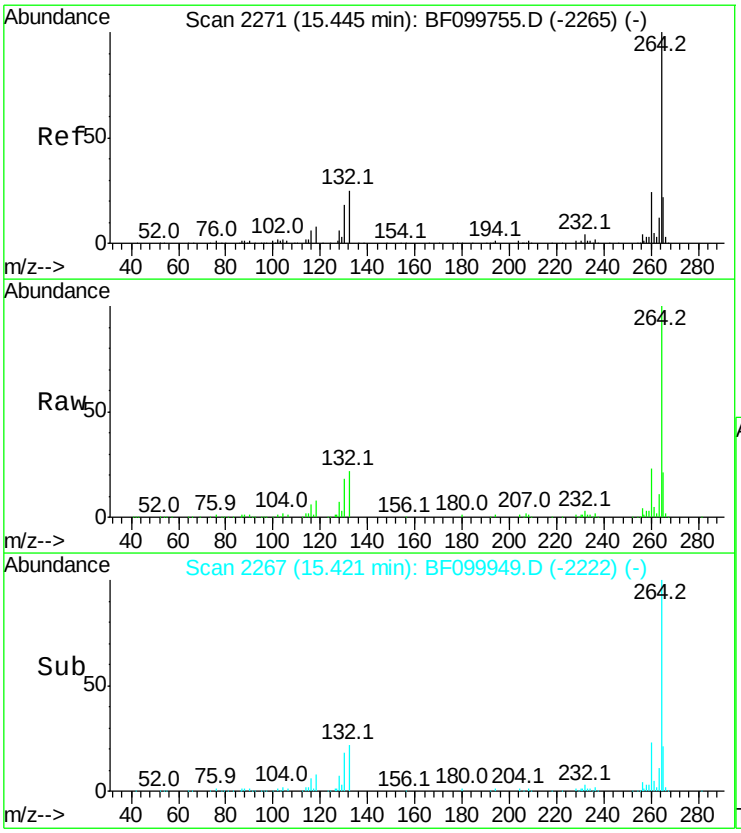

#78
Terphenyl-d14
Concen: 81.735 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

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

Tgt Ion:244 Resp: 718574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.4 | 8.0 |
| 122 | 12.9 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF099949.D
Acq: 29 Oct 2017 7:55

Tgt Ion:264 Resp: 183029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.2 | 28.8 |
| 265 | 21.4 | 17.5 | 26.3 |