Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100087.D
Acq On : 2 Nov 2017 16:19
Operator : SJ/JU
Sample : I6233-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 02 17:19:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 87369 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 355730 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.81 | 164 | 160818 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 270897 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.99 | 240 | 165412 | 20.00 | ng | 0.01 |
| 86) Perylene-d12 | 15.52 | 264 | 157179 | 20.00 | ng | 0.05 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 88087 | 15.83 | ng | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 113436 | 17.19 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 58743 | 10.63 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 24343 | 16.61 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.12 | 172 | 147779 | 14.18 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.89 | 244 | 108602 | 14.35 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Isophorone | 7.35 | 82 | 58743 | 5.859 | ng | # 64 |
| 50) 2,6-Dinitrotoluene | 9.80 | 165 | 20279 | 7.574 | ng | # 24 |
| 56) 2,4-Dinitrotoluene | 9.80 | 165 | 20279 | 6.290 | ng | # 21 |

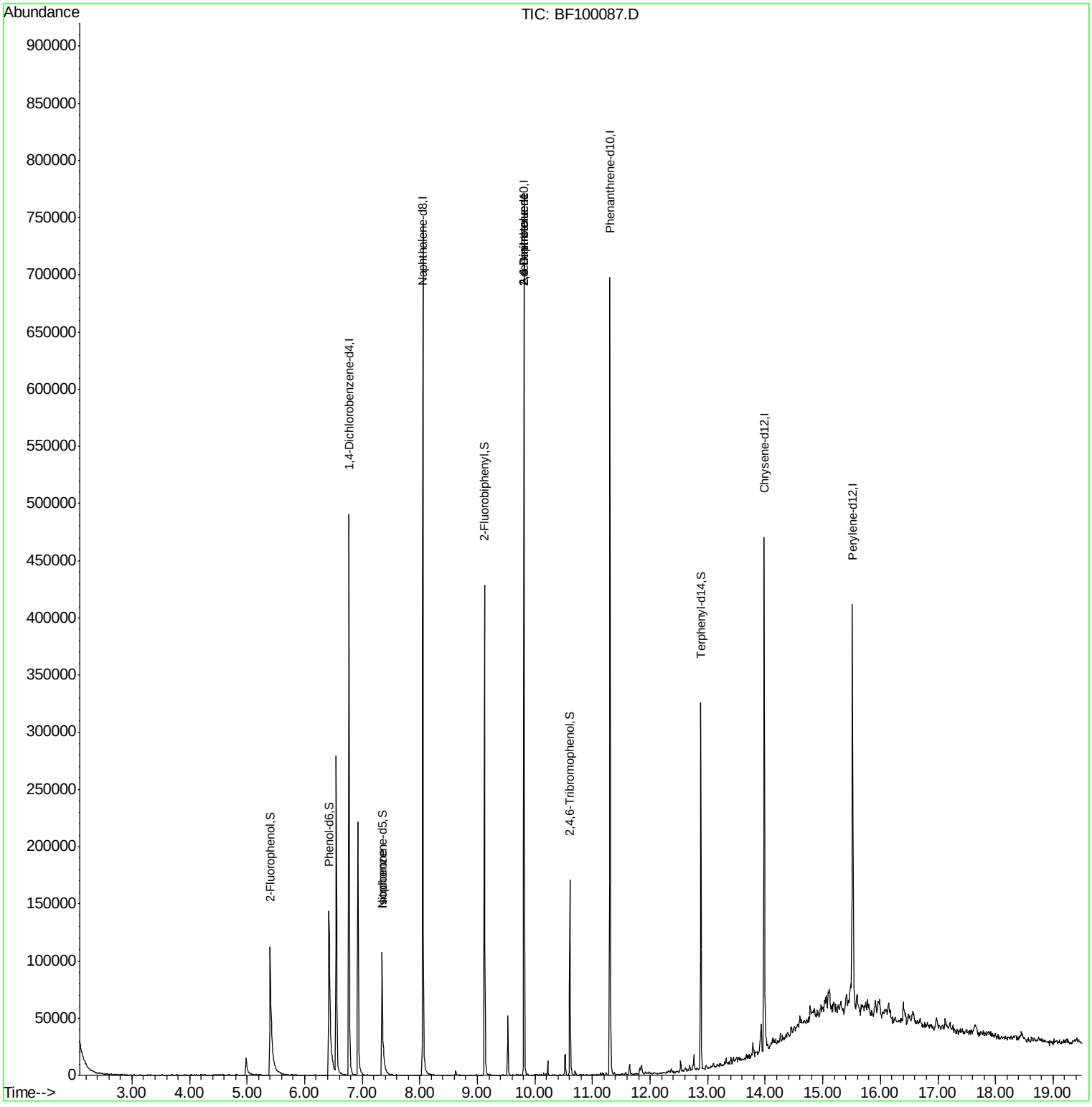
(#) = qualifier out of range (m) = manual integration (+) = signals summed

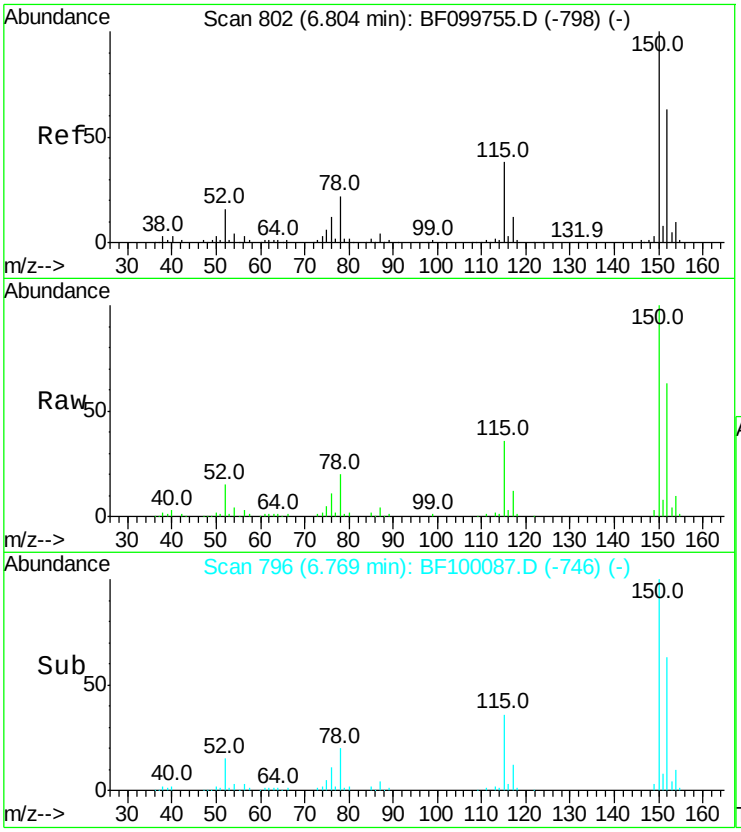
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100087.D
Acq On : 2 Nov 2017 16:19
Operator : SJ/JU
Sample : I6233-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 02 17:19:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



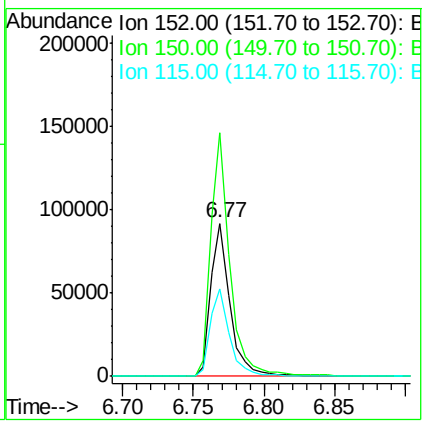


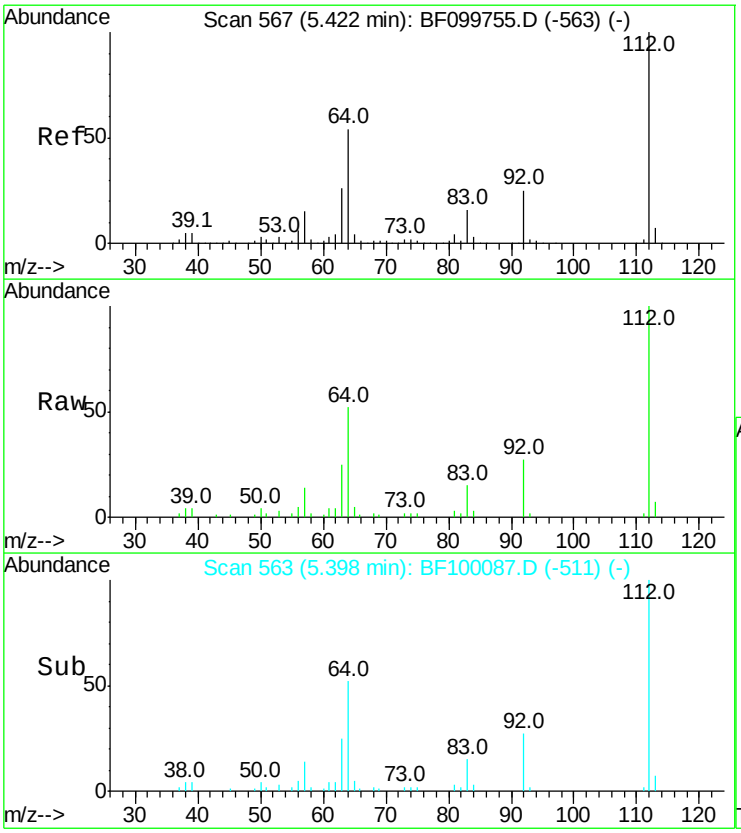

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:152 Resp: 87369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 124.6 | 186.8 |
| 115 | 56.8 | 50.1 | 75.1 |

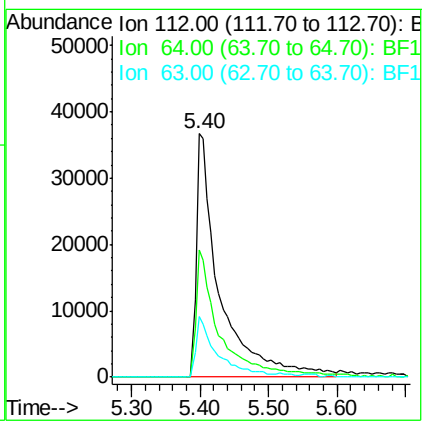


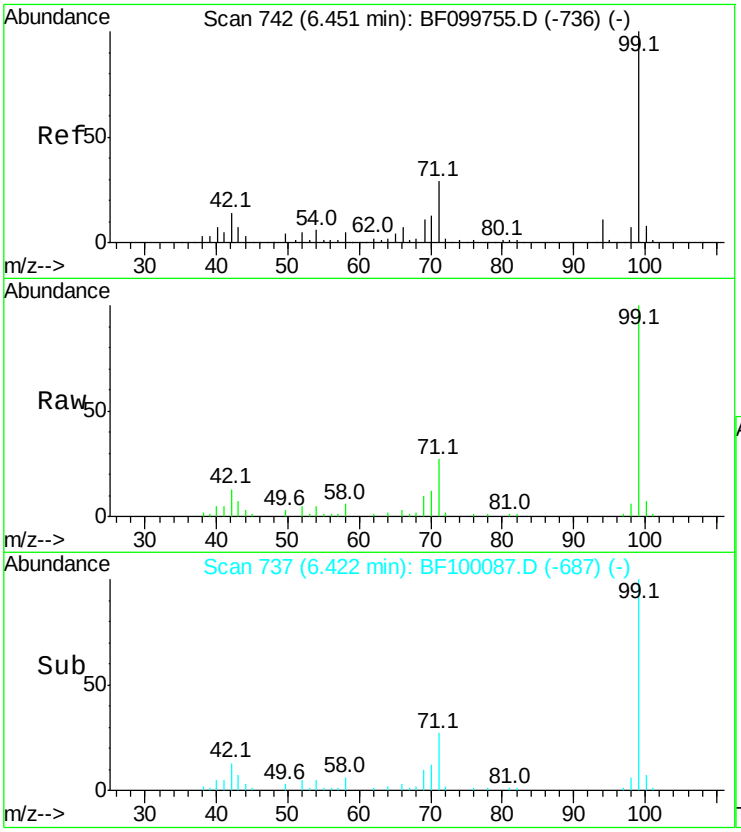




#5
2-Fluorophenol
Concen: 15.829 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:112 Resp: 88087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.0 | 47.9 | 71.9 |
| 63 | 24.7 | 23.7 | 35.5 |



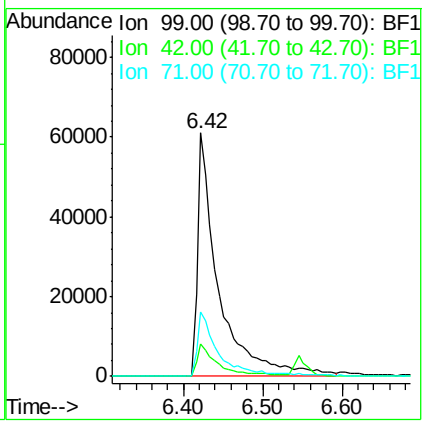


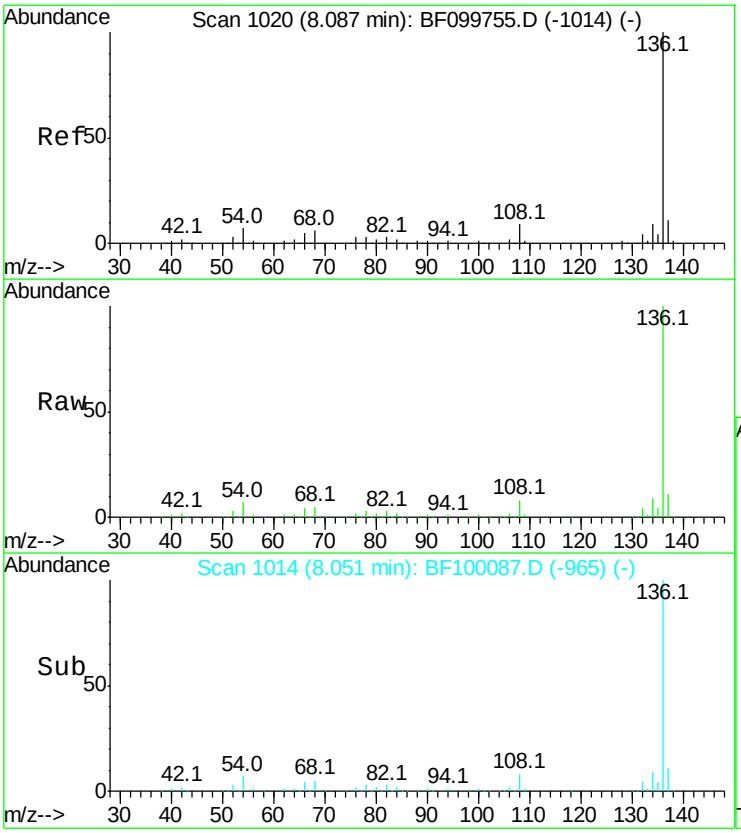

#7
Phenol-d6
Concen: 17.191 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion: 99 Resp: 113436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.2 | 14.5 | 21.7# |
| 71 | 26.5 | 25.4 | 38.0 |

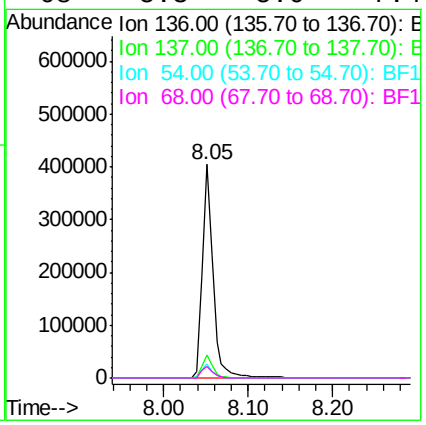


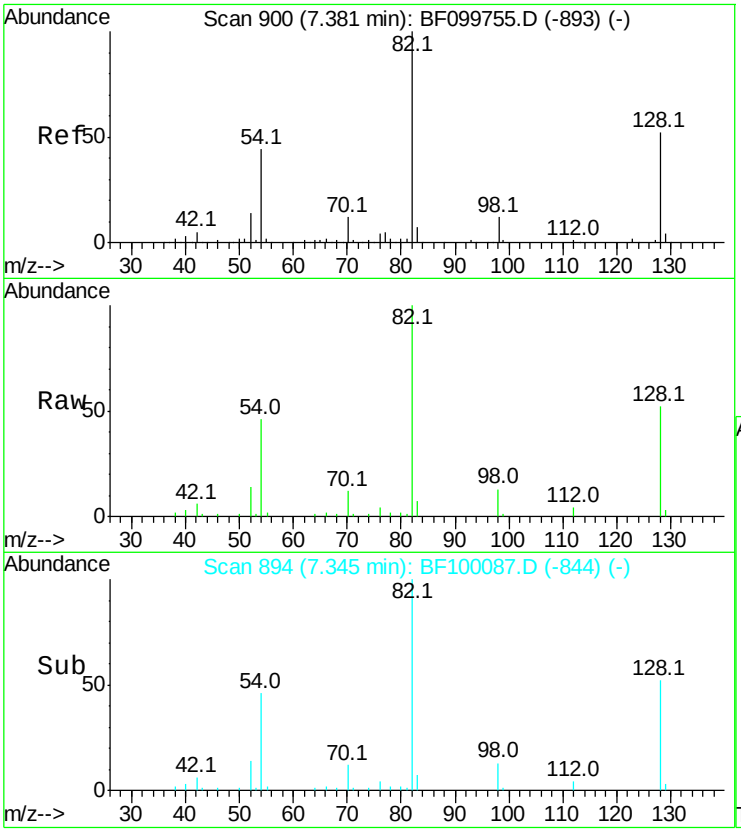




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:136 Resp: 355730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 6.5 | 6.6 | 9.8# |
| 68 | 5.3 | 5.0 | 7.4 |



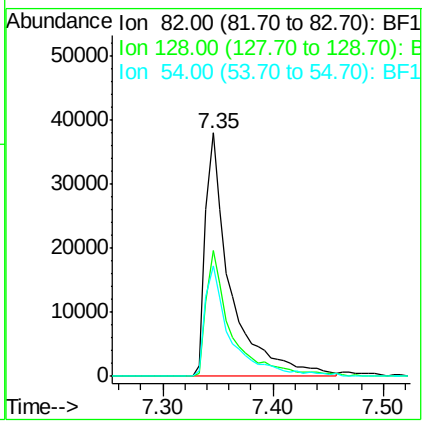


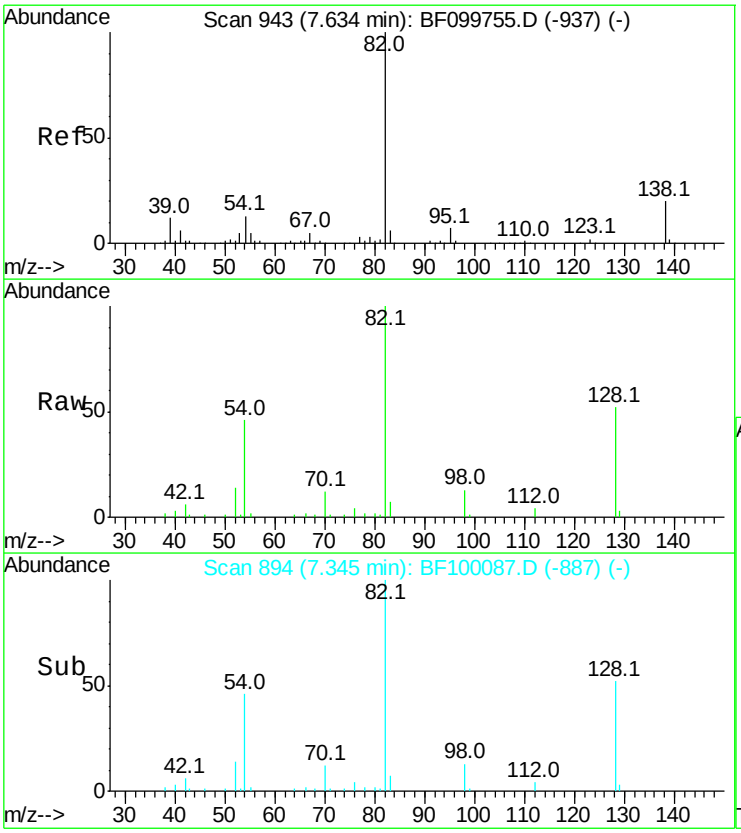

#23
Nitrobenzene-d5
Concen: 10.631 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion: 82 Resp: 58743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.8 | 36.1 | 54.1 |
| 54 | 45.6 | 41.4 | 62.2 |

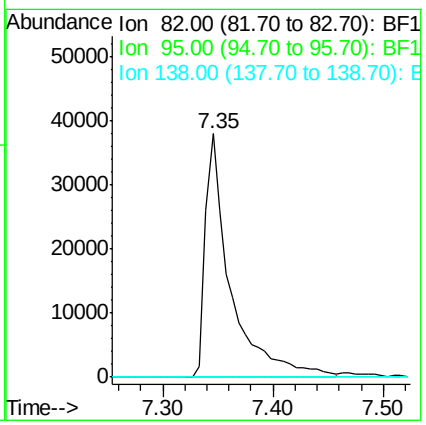


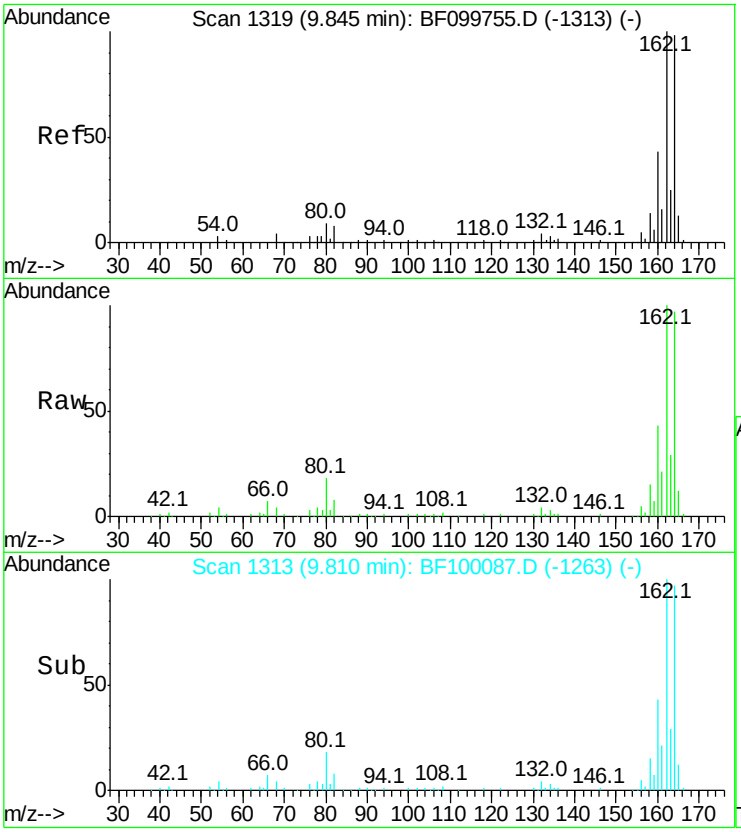




#25
Isophorone
Concen: 5.859 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion: 82 Resp: 58743

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



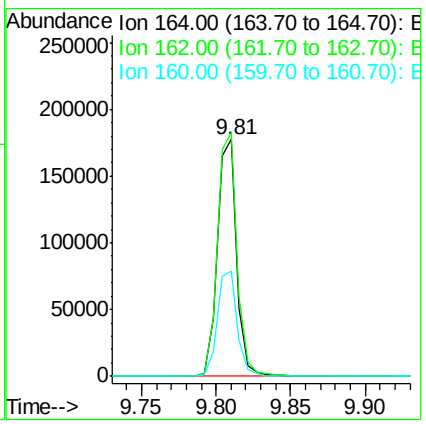


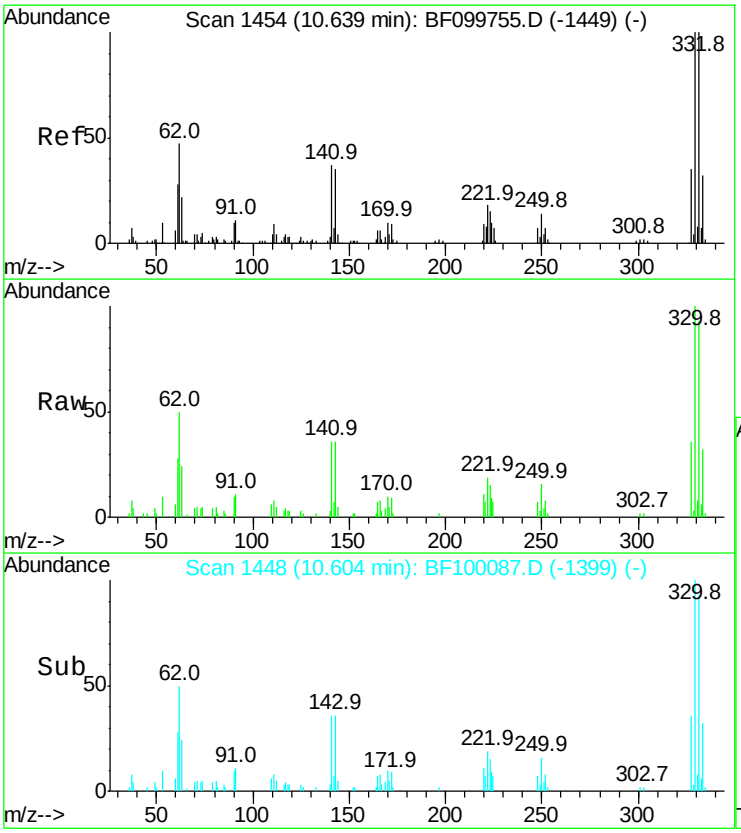

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:164 Resp: 160818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 86.1 | 129.1 |
| 160 | 44.5 | 38.3 | 57.5 |

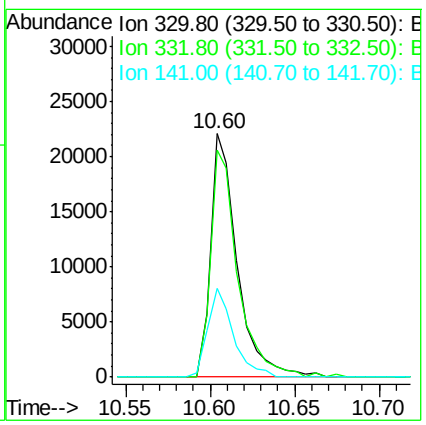


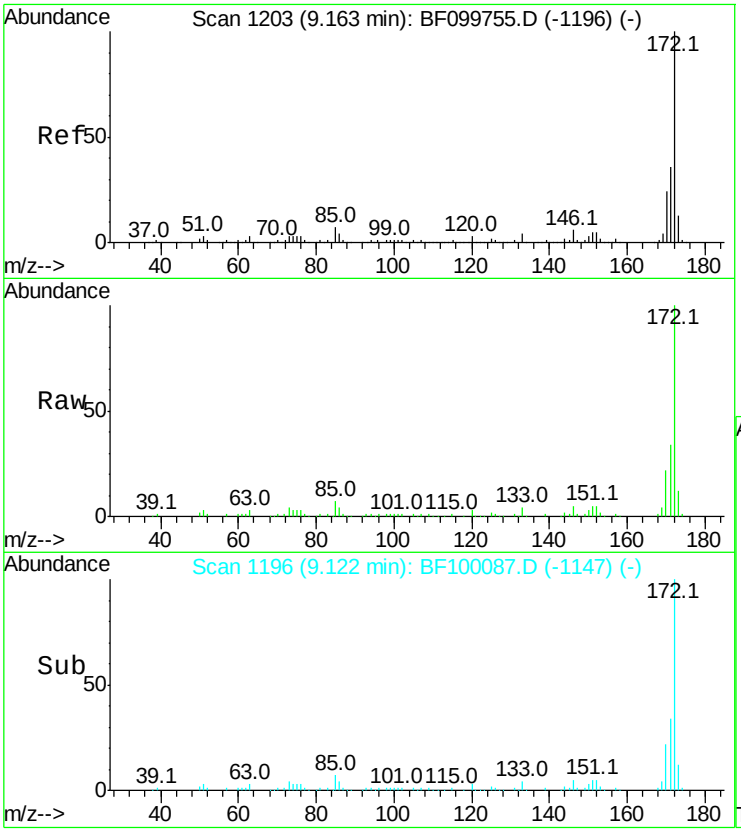




#41
2,4,6-Tribromophenol
Concen: 16.610 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:330 Resp: 24343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.0 | 115.6 |
| 141 | 35.3 | 29.9 | 44.9 |



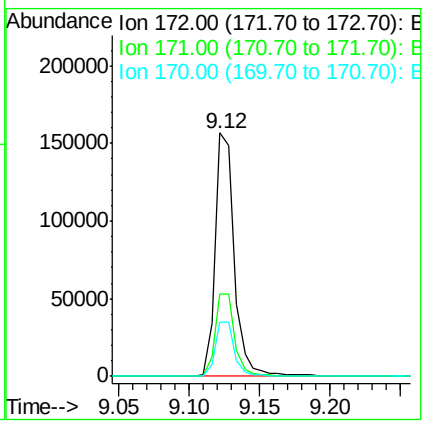


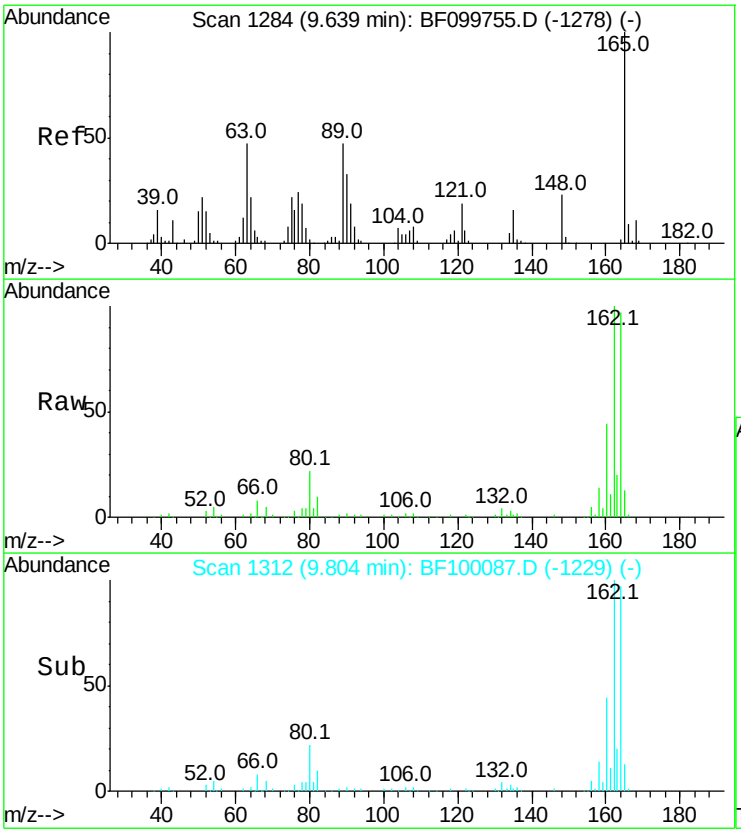

#44
2-Fluorobiphenyl
Concen: 14.177 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:172 Resp: 147779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 29.7 | 44.5 |
| 170 | 22.3 | 19.6 | 29.4 |

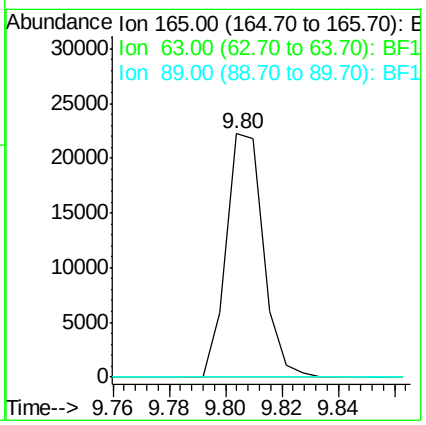


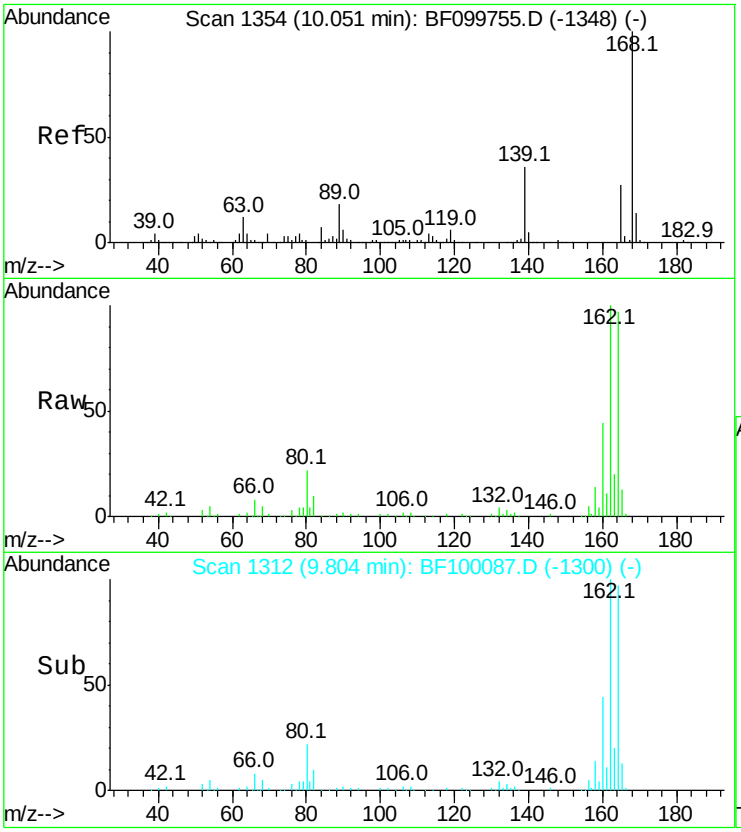




#50
2,6-Dinitrotoluene
Concen: 7.574 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:165 Resp: 20279

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



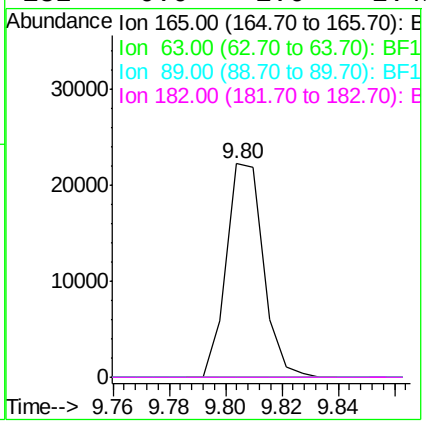


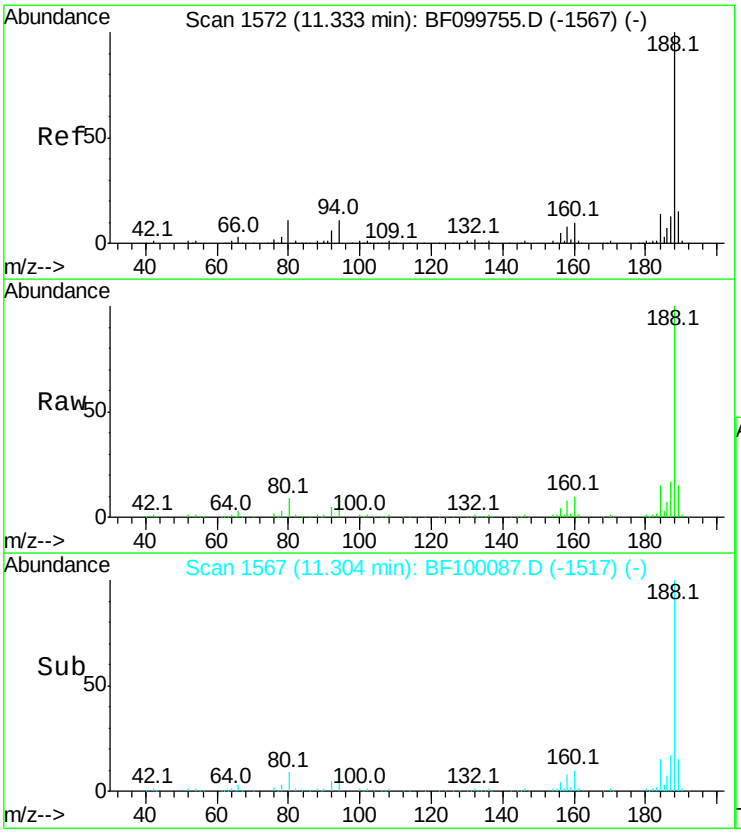

#56
2,4-Dinitrotoluene
Concen: 6.290 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:165 Resp: 20279

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

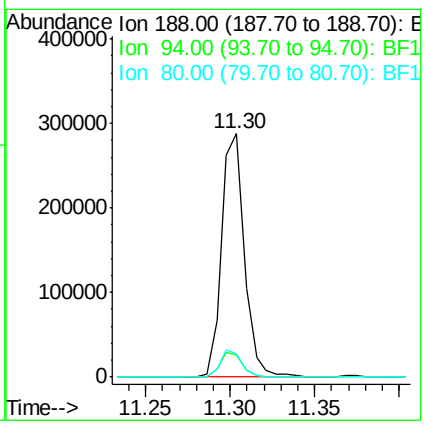


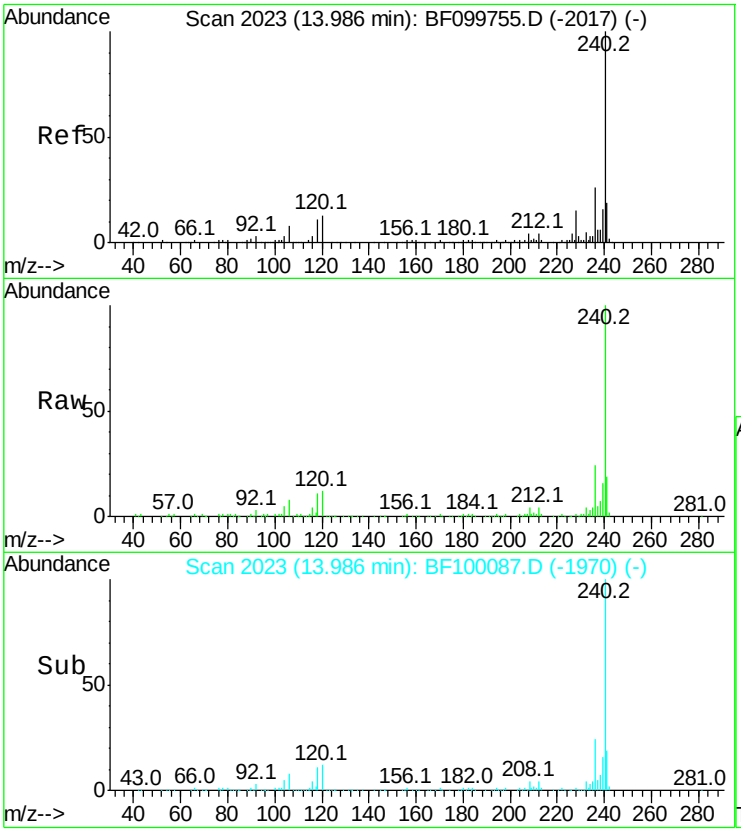




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:188 Resp: 270897

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



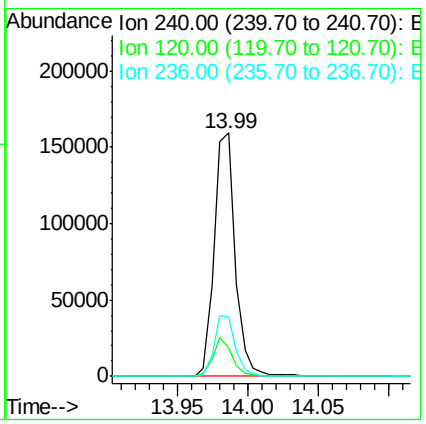


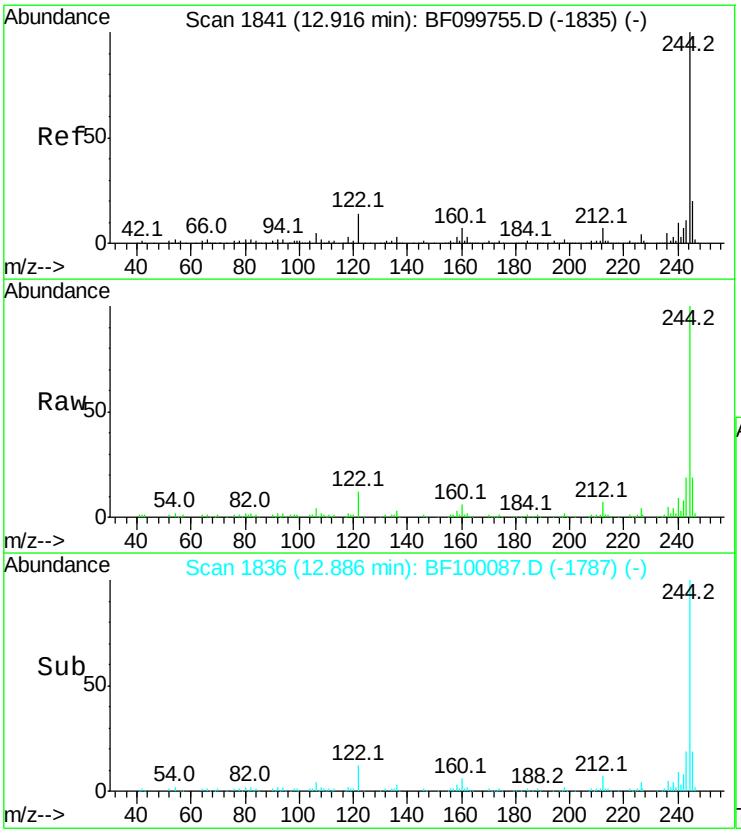

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:240 Resp: 165412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.5 | 14.3 |
| 236 | 24.3 | 20.7 | 31.1 |

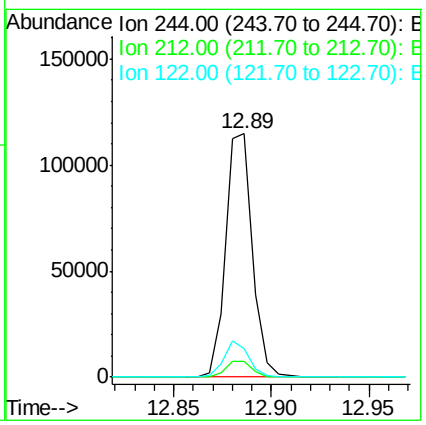


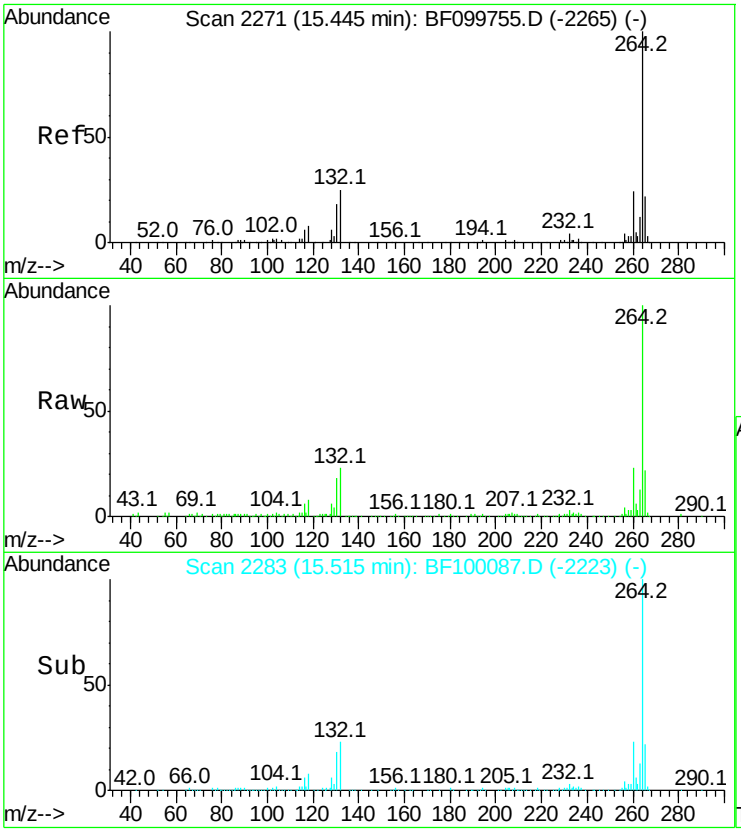




#78
Terphenyl-d14
Concen: 14.348 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Tgt Ion:244 Resp: 108602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.4 | 8.0 |
| 122 | 11.5 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.05 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

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

Tgt Ion:264 Resp: 157179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.2 | 28.8 |
| 265 | 22.3 | 17.5 | 26.3 |