Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098292.D
Acq On : 7 Sep 2017 00:22
Operator : SJ/JU
Sample : I5075-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-221

Quant Time: Sep 07 07:00:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 106962 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.98 | 136 | 405178 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.73 | 164 | 155274 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 258538 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.85 | 240 | 240825 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.26 | 264 | 163801 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 192997 | 27.45 | ng | 0.00 |
| 7) Phenol-d6 | 6.33 | 99 | 261309 | 27.35 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 136343 | 18.28 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 27969 | 20.76 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.06 | 172 | 199037 | 18.83 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.80 | 244 | 140625 | 12.18 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 9.45 | 163 | 22755 | 2.005 | ng | # 97 |
| 74) Fluoranthene | 12.42 | 202 | 33846 | 2.354 | ng | 99 |

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

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Misc :
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BNA_F
**ClientSampleId :**
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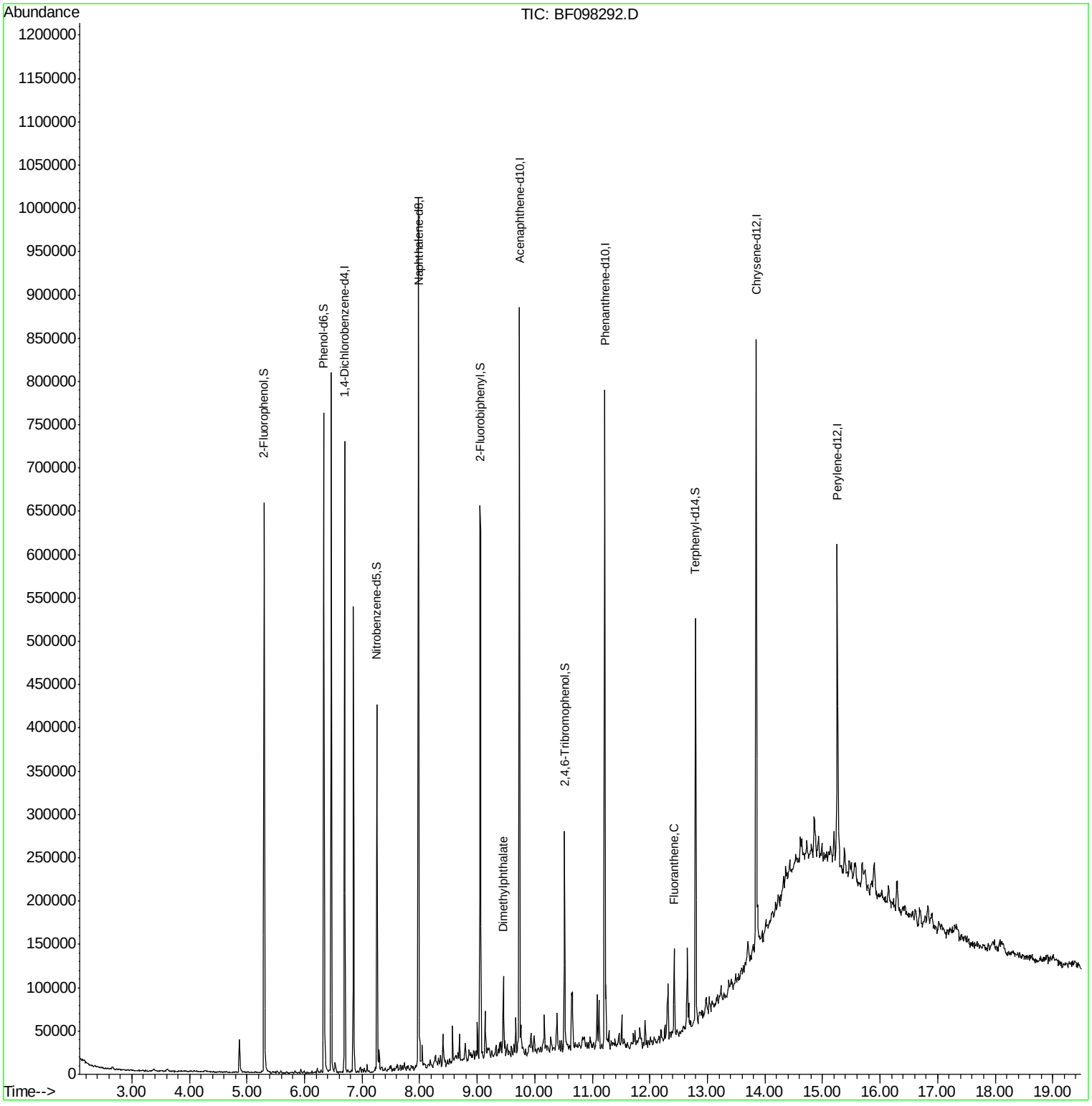
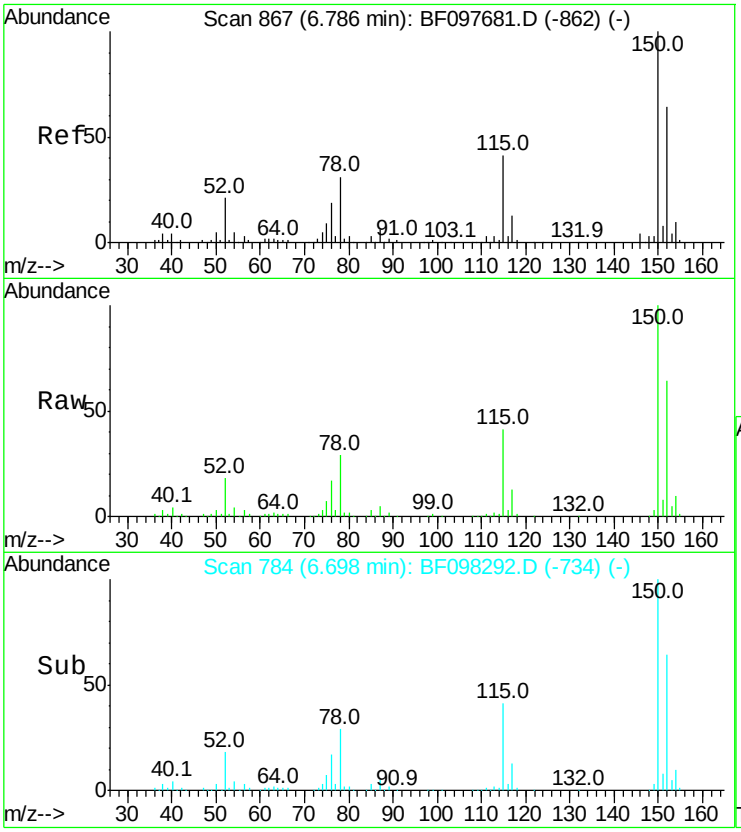


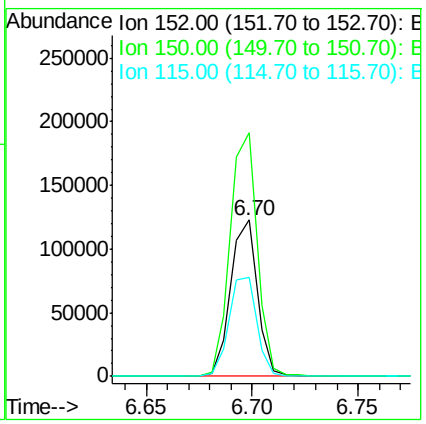


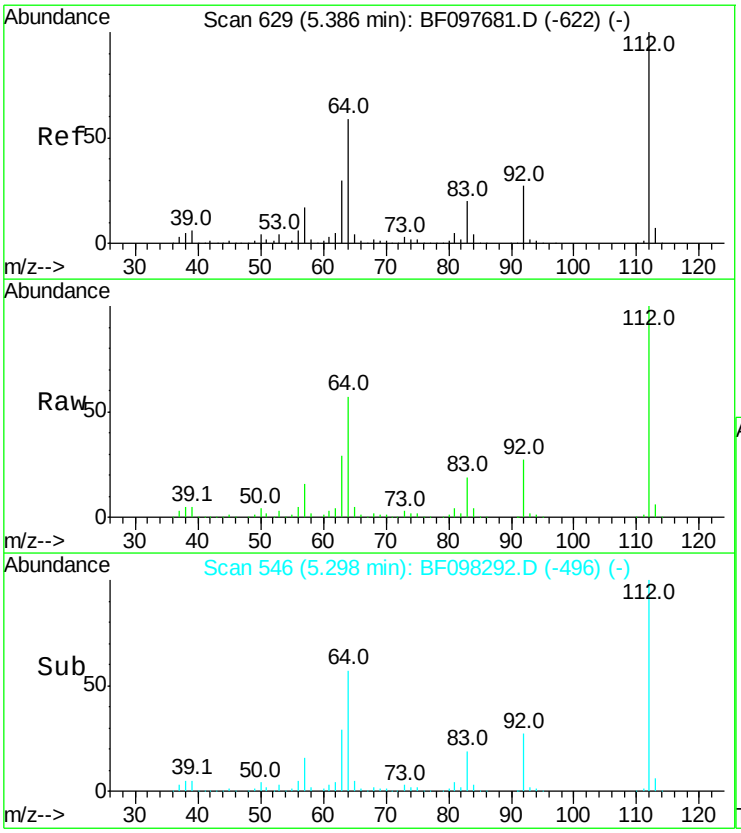

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion:152 Resp: 106962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 126.2 | 189.2 |
| 115 | 63.3 | 52.2 | 78.2 |

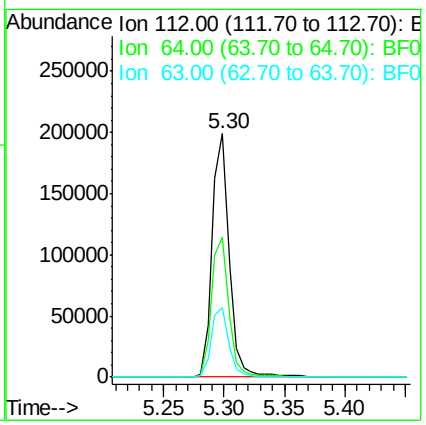


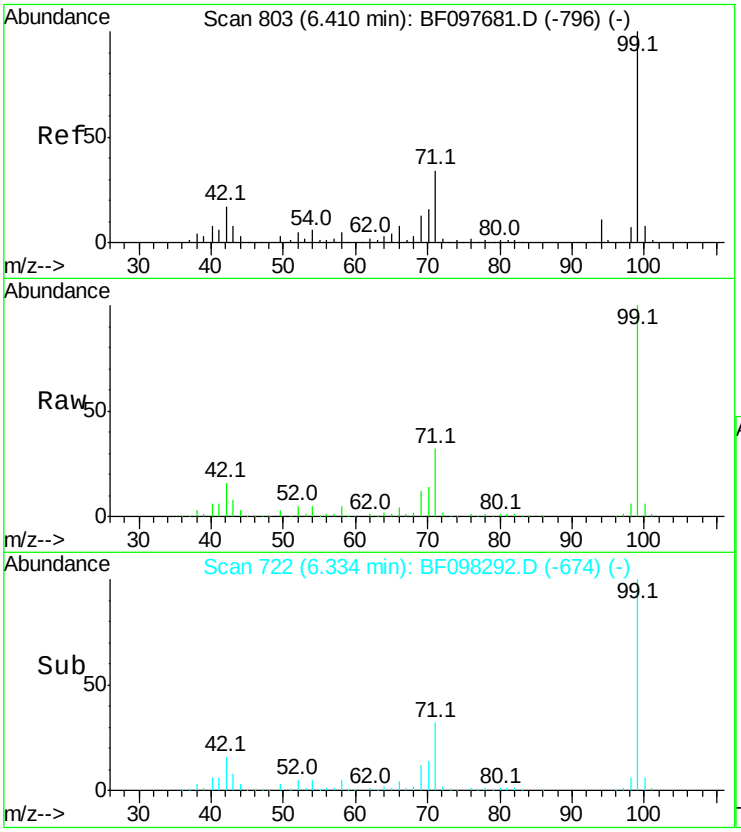




#5
2-Fluorophenol
Concen: 27.446 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:112 Resp: 192997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.3 | 46.0 | 69.0 |
| 63 | 28.7 | 23.4 | 35.0 |



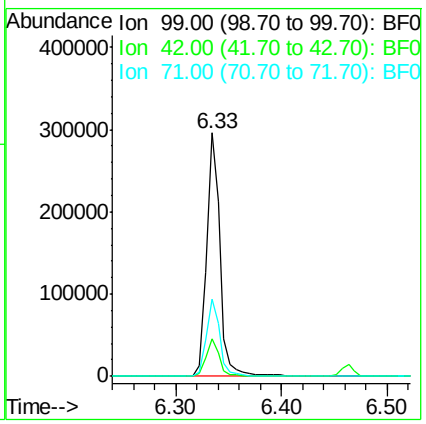


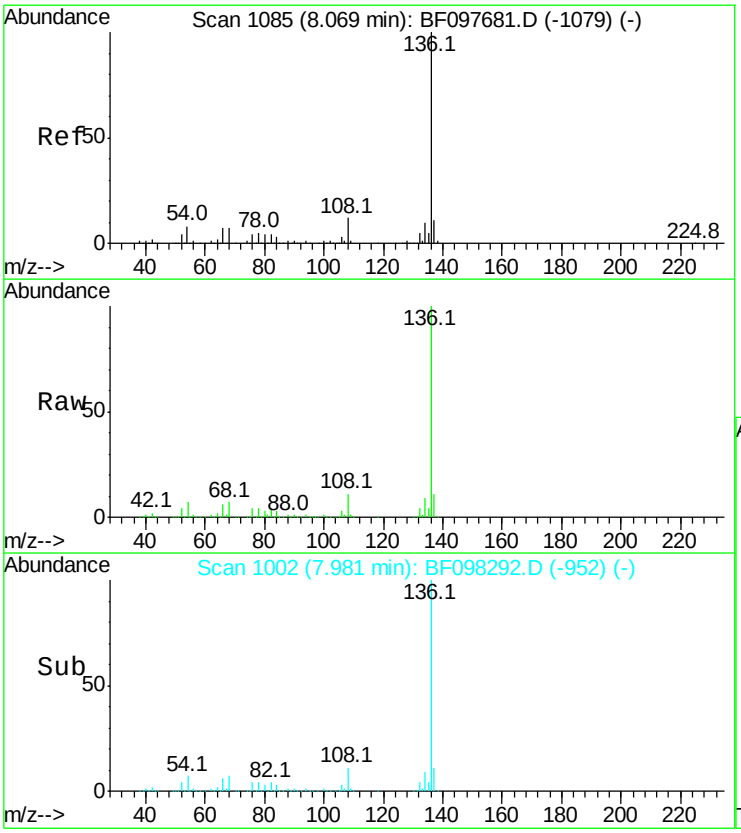

#7
Phenol-d6
Concen: 27.349 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion: 99 Resp: 261309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.5 | 13.5 | 20.3 |
| 71 | 31.7 | 24.5 | 36.7 |

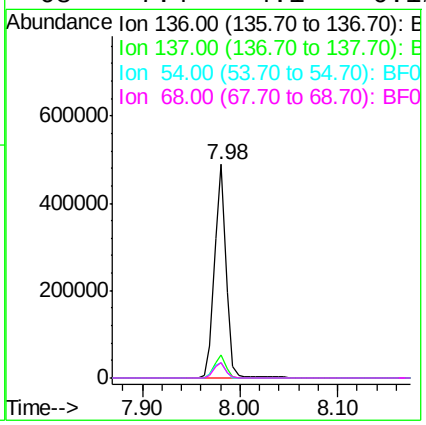


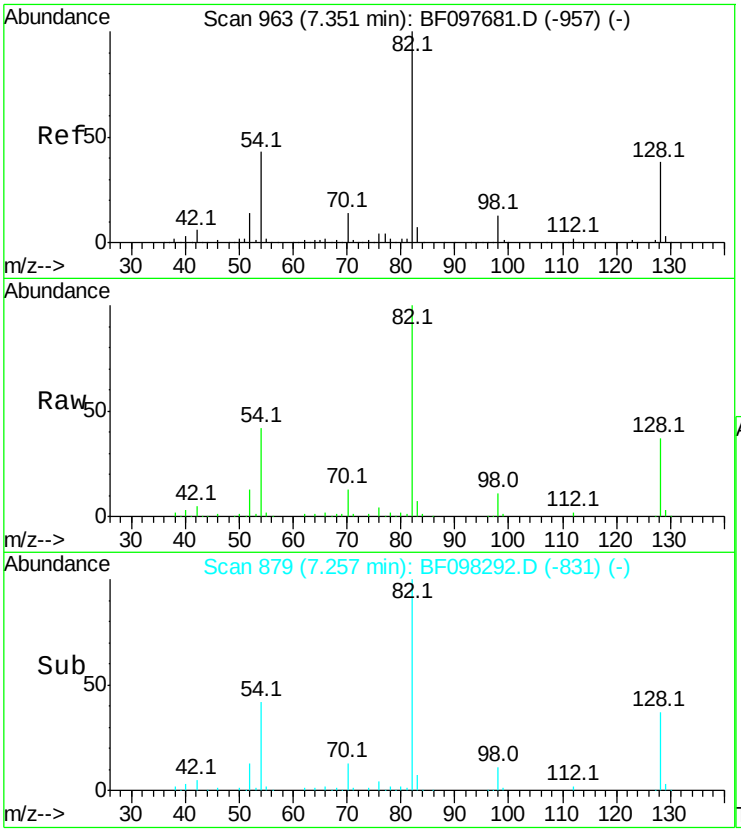




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:136 Resp: 405178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.5 | 12.7 |
| 54 | 7.3 | 4.9 | 7.3 |
| 68 | 7.4 | 4.1 | 6.1# |



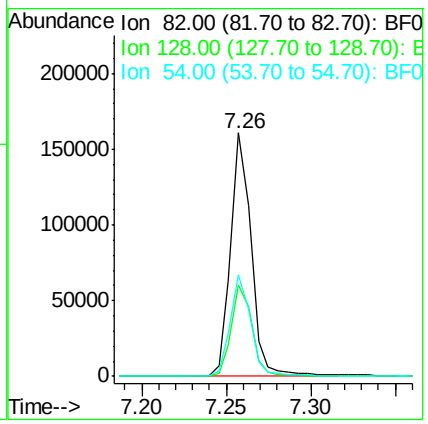


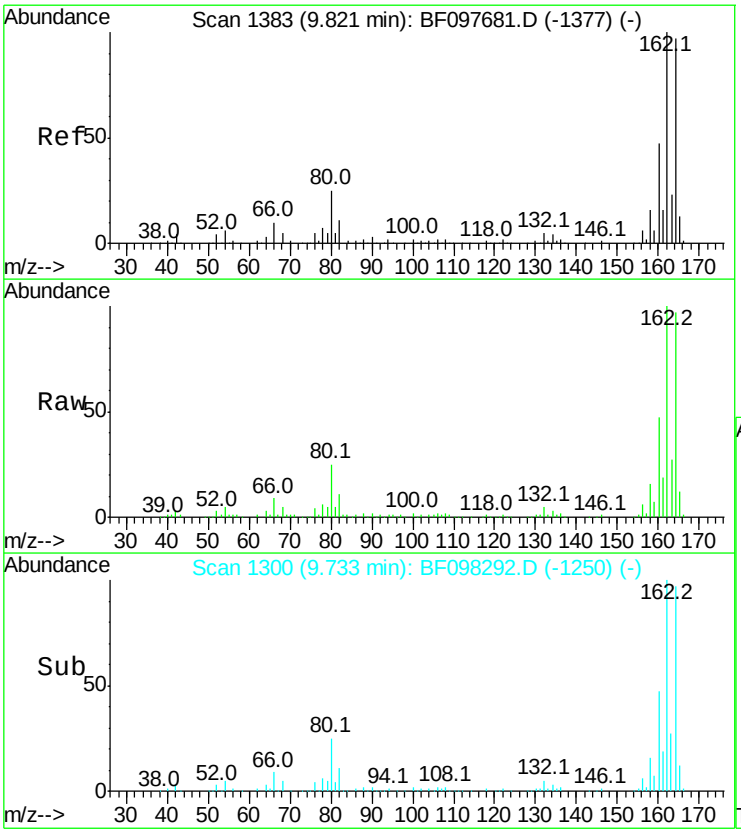

#23
Nitrobenzene-d5
Concen: 18.280 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion: 82 Resp: 136343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.3 | 34.0 | 51.0 |
| 54 | 41.5 | 42.2 | 63.2# |

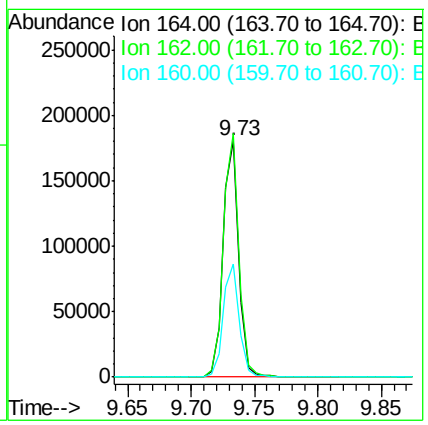


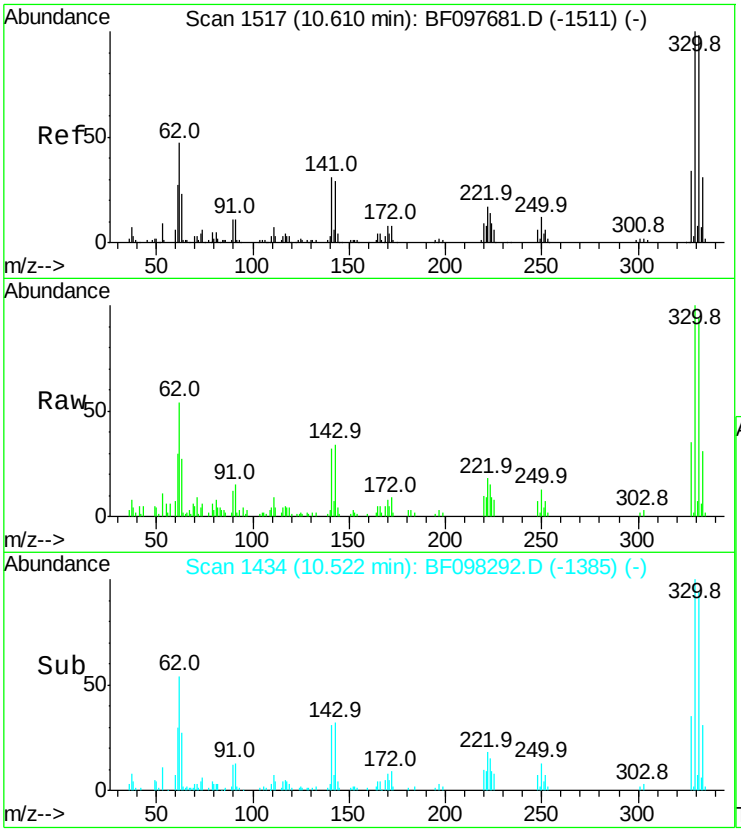




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:164 Resp: 155274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.6 | 123.8 |
| 160 | 48.2 | 36.2 | 54.2 |



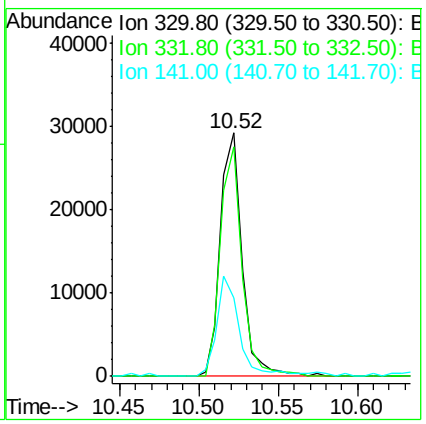


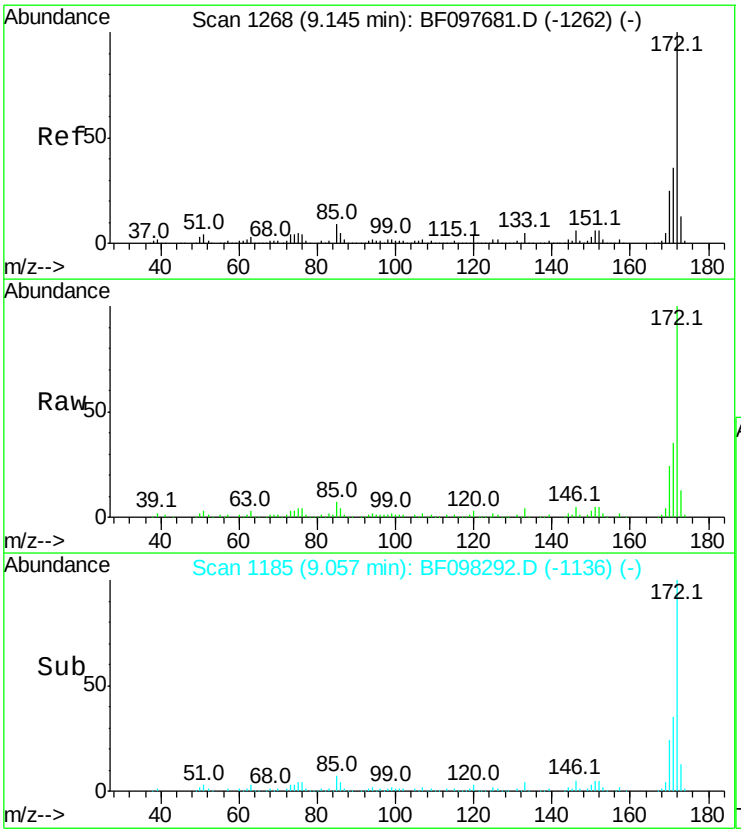

#41
2,4,6-Tribromophenol
Concen: 20.760 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion:330 Resp: 27969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.6 | 76.6 | 115.0 |
| 141 | 42.5 | 31.4 | 47.2 |

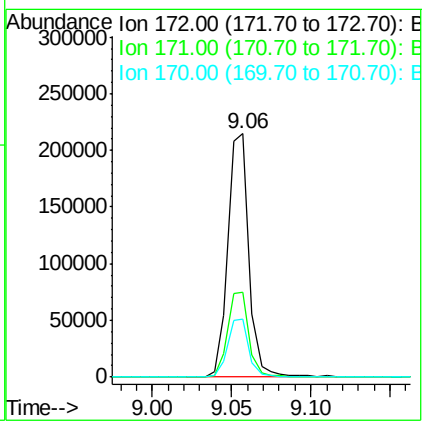


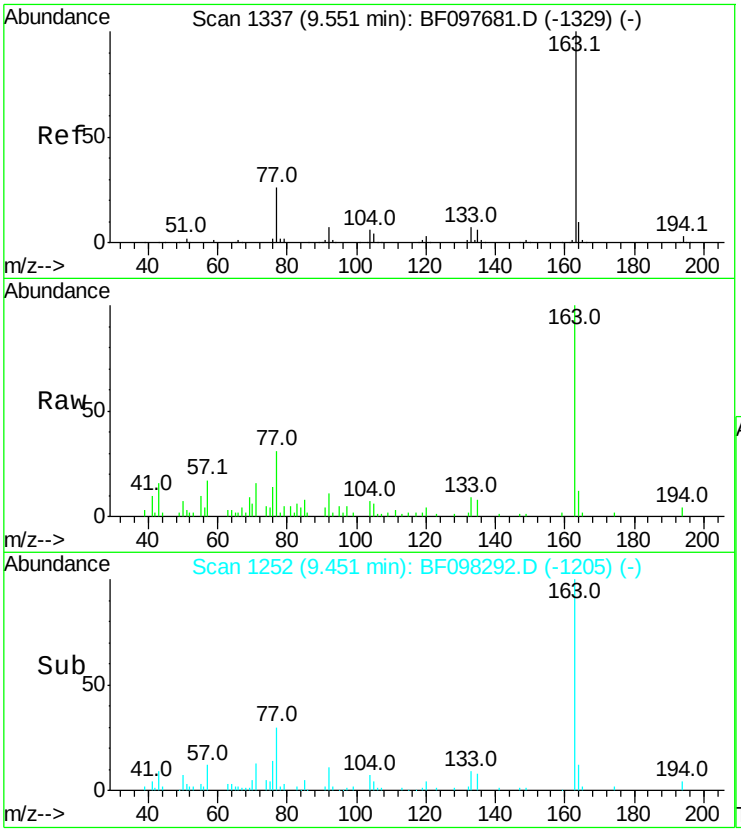




#44
2-Fluorobiphenyl
Concen: 18.833 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:172 Resp: 199037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.6 | 44.4 |
| 170 | 23.7 | 19.8 | 29.8 |



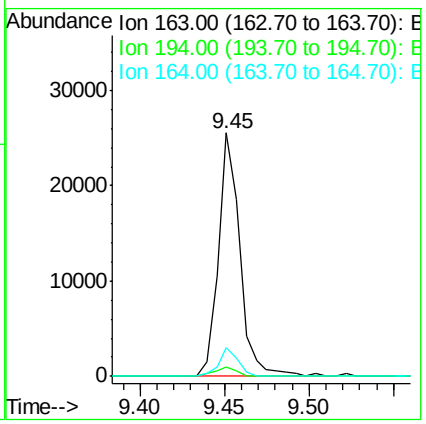


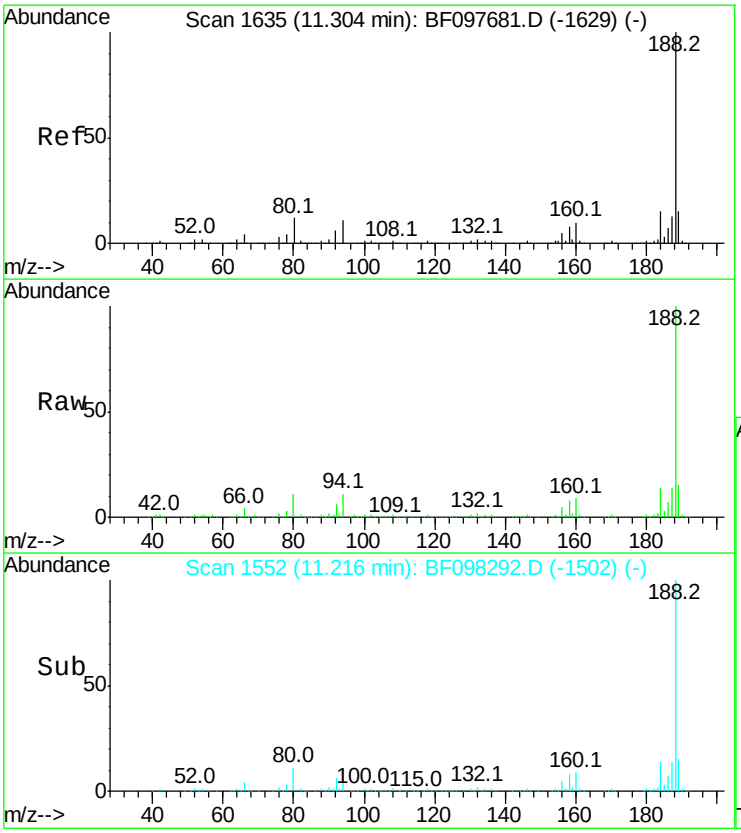

#49
Dimethylphthalate
Concen: 2.005 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion:163 Resp: 22755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.6 | 4.0# |
| 164 | 11.5 | 8.4 | 12.6 |

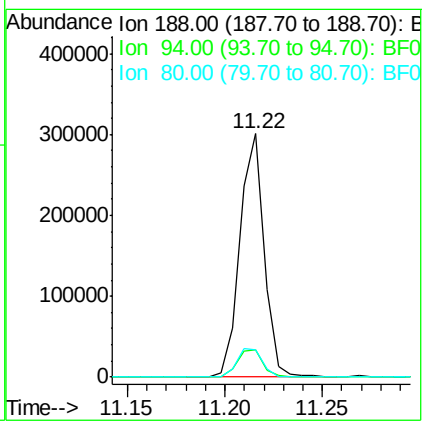


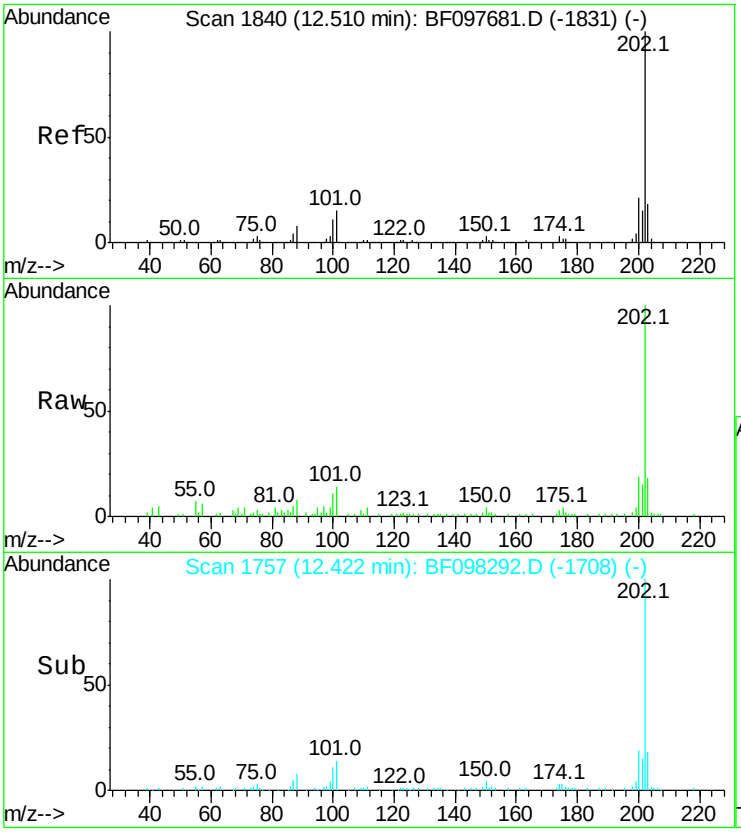




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:188 Resp: 258538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.3 | 9.4 | 14.2 |
| 80 | 11.3 | 10.2 | 15.2 |



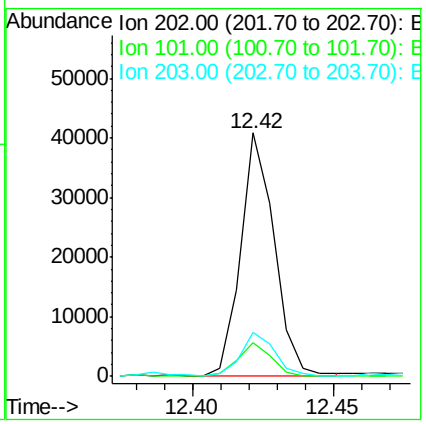


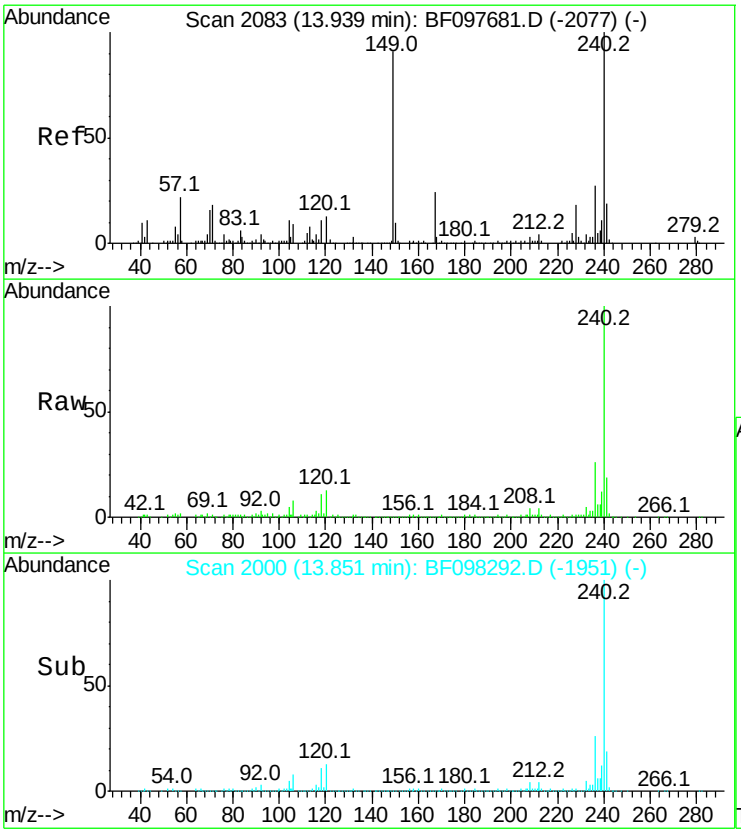

#74
Fluoranthene
Concen: 2.354 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion:202 Resp: 33846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 0.0 | 33.2 |
| 203 | 18.0 | 0.0 | 38.1 |

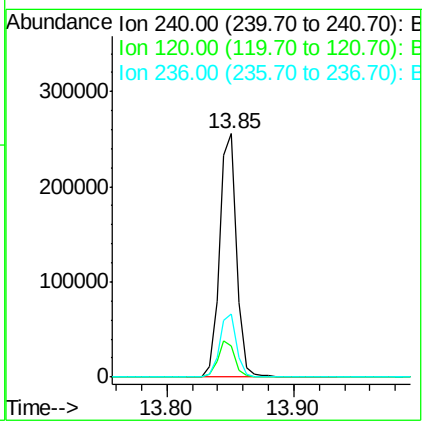


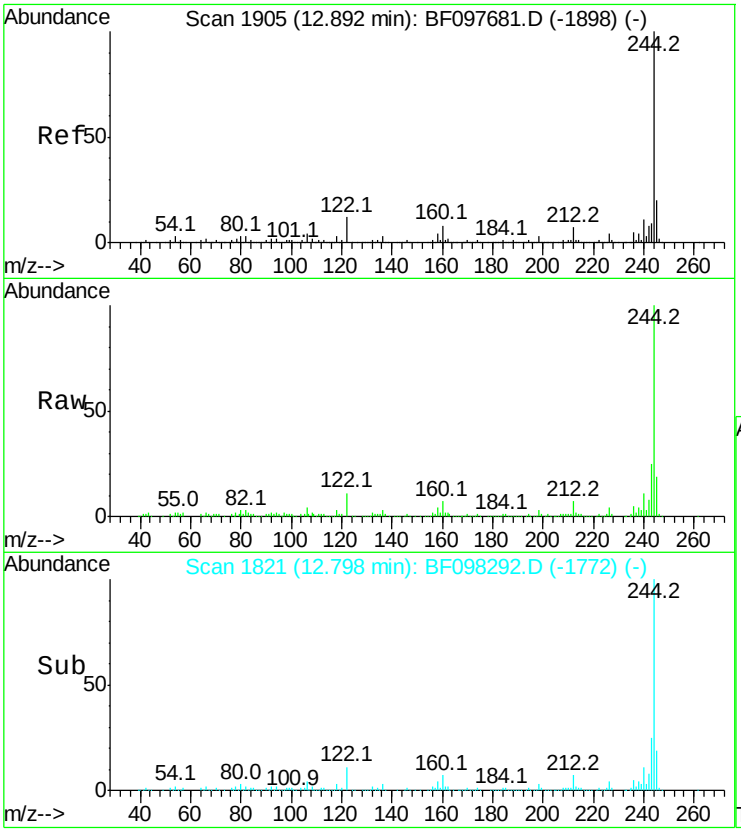




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:240 Resp: 240825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.7 | 5.8 | 8.8# |
| 236 | 26.0 | 20.5 | 30.7 |



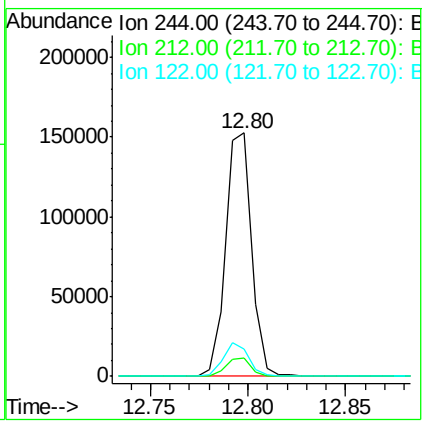


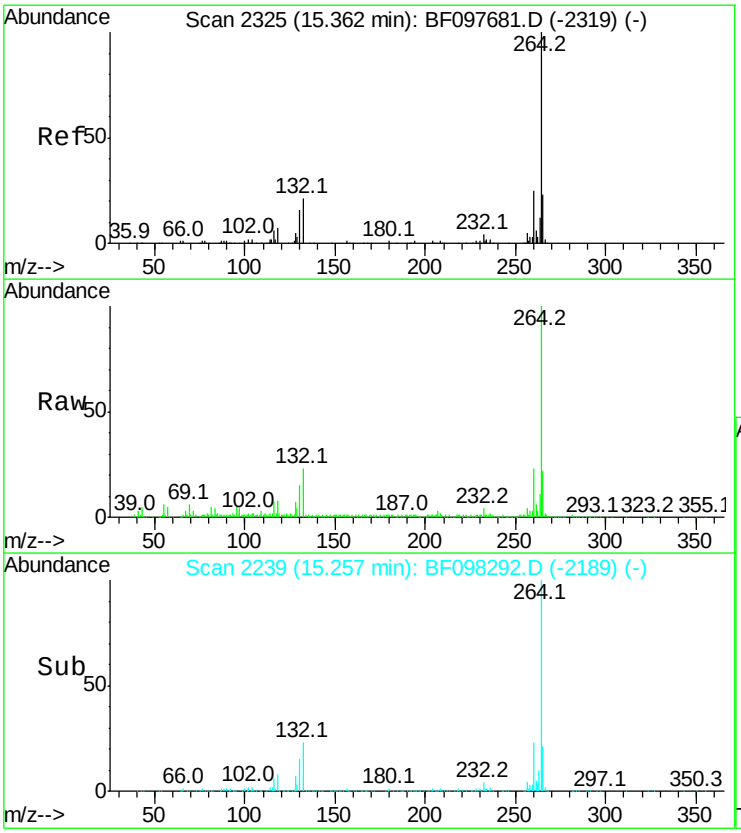

#78
Terphenyl-d14
Concen: 12.177 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

**Instrument :**
BNA_F
**ClientSampleId :**
VNJ-221

Tgt Ion:244 Resp: 140625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 11.2 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098292.D
Acq: 7 Sep 2017 00:22

Tgt Ion:264 Resp: 163801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.5 | 29.3 |
| 265 | 21.8 | 17.2 | 25.8 |