Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
Data File : BM010829.D
Acq On : 14 Jul 2017 01:10
Operator : SJ/JU
Sample : I4163-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SU-04-071217

Quant Time: Jul 14 04:18:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 170834 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.20 | 136 | 623150 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.09 | 164 | 401515 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 16.85 | 188 | 918097 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.06 | 240 | 1049167 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.20 | 264 | 979517 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.09 | 112 | 1360219 | 131.89 | ng | 0.00 |
| 7) Phenol-d6 | 6.64 | 99 | 1648884 | 115.98 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.59 | 82 | 1540194 | 95.00 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.60 | 330 | 905888 | 147.64 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.71 | 172 | 3012372 | 93.33 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.51 | 244 | 4786328 | 88.23 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Acq On : 14 Jul 2017 01:10
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

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QLast Update : Wed Jul 12 14:21:16 2017
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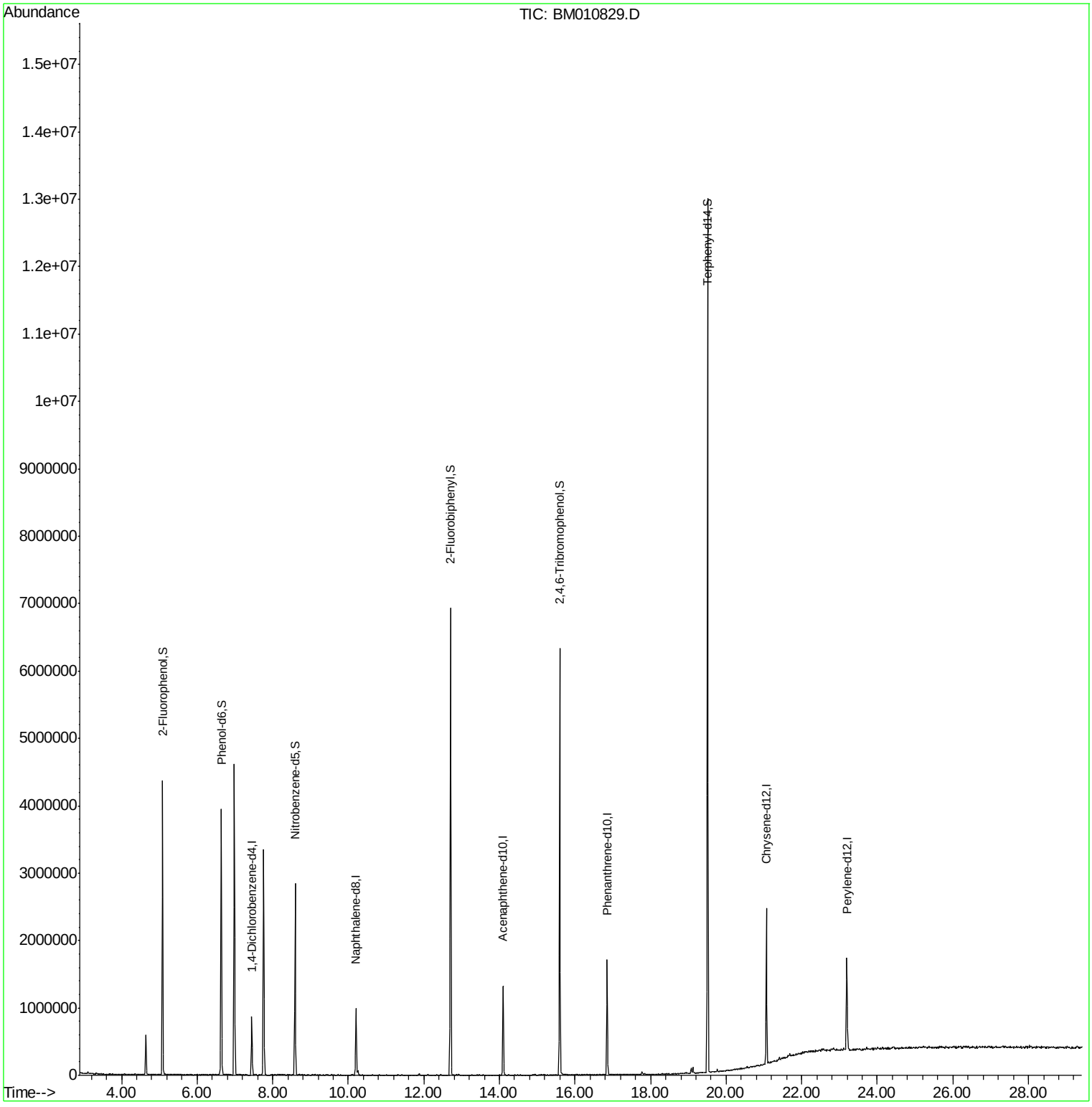
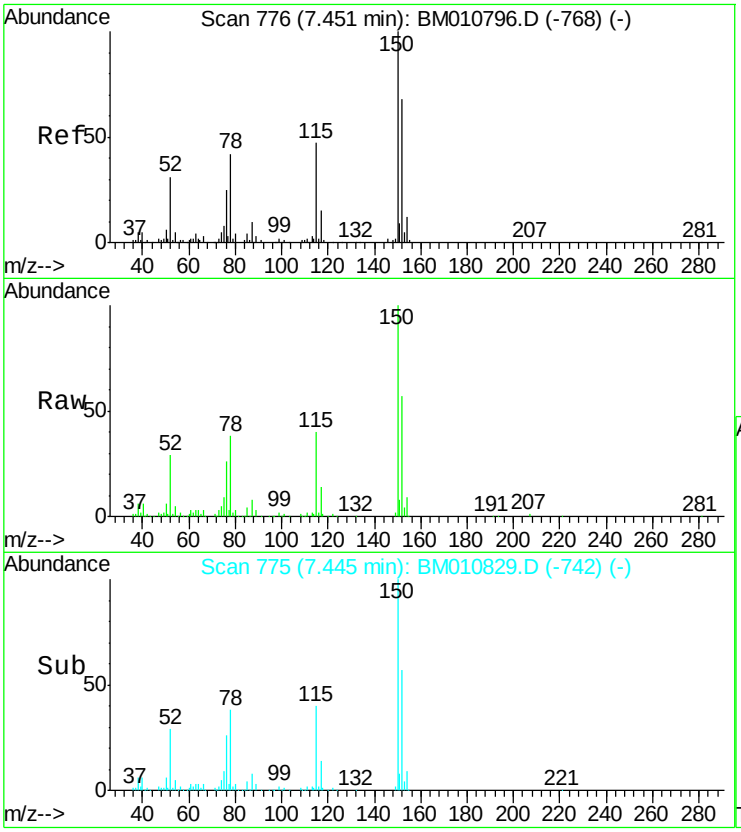


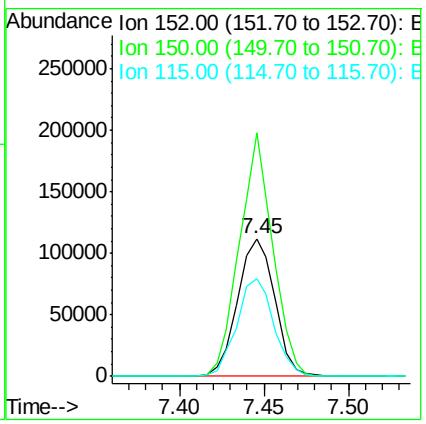


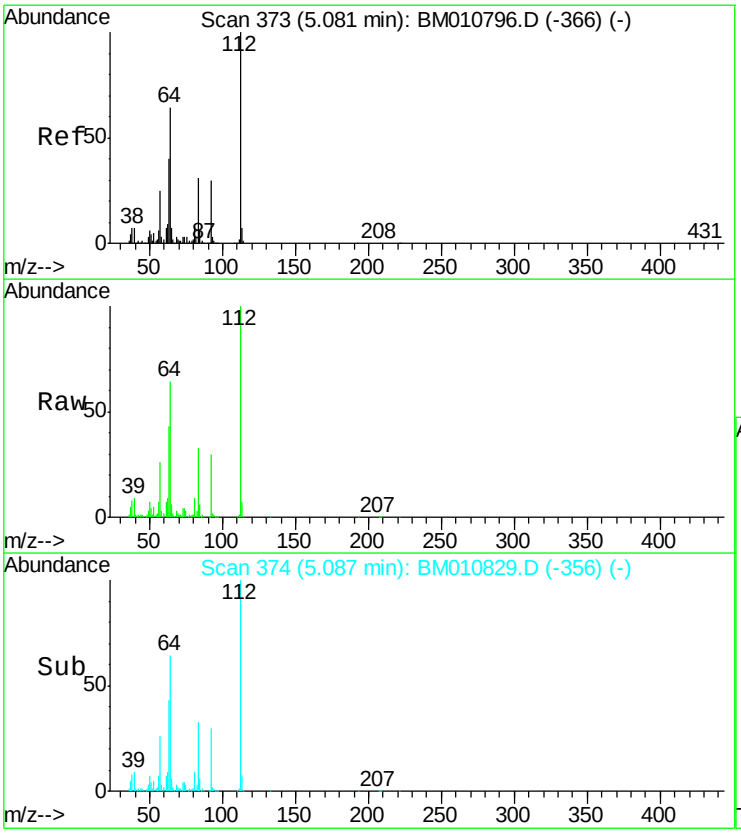

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion:152 Resp: 170834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 176.5 | 119.5 | 179.3 |
| 115 | 70.7 | 43.0 | 64.4# |

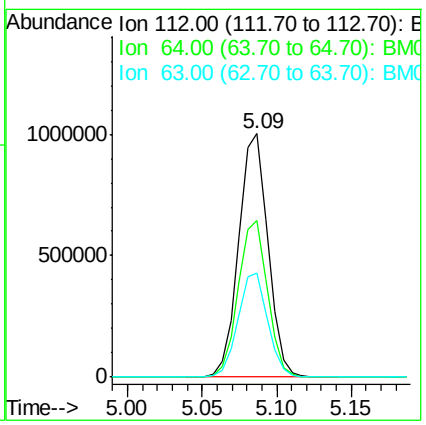


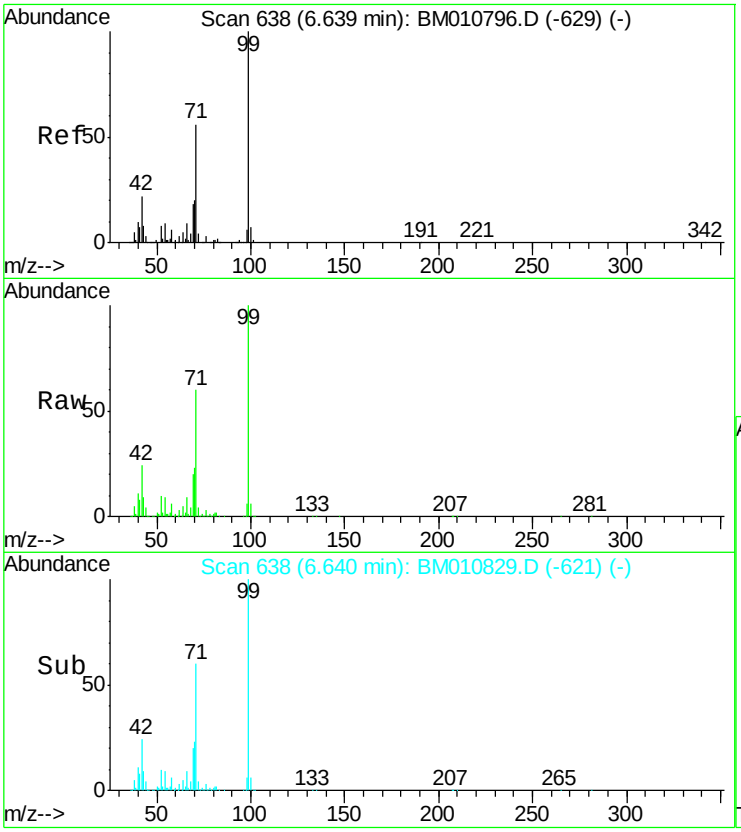




#5
2-Fluorophenol
Concen: 131.89 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:112 Resp: 1360219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.1 | 38.6 | 57.8# |
| 63 | 42.5 | 19.3 | 28.9# |



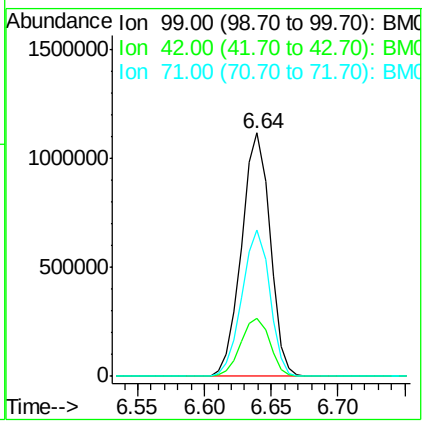


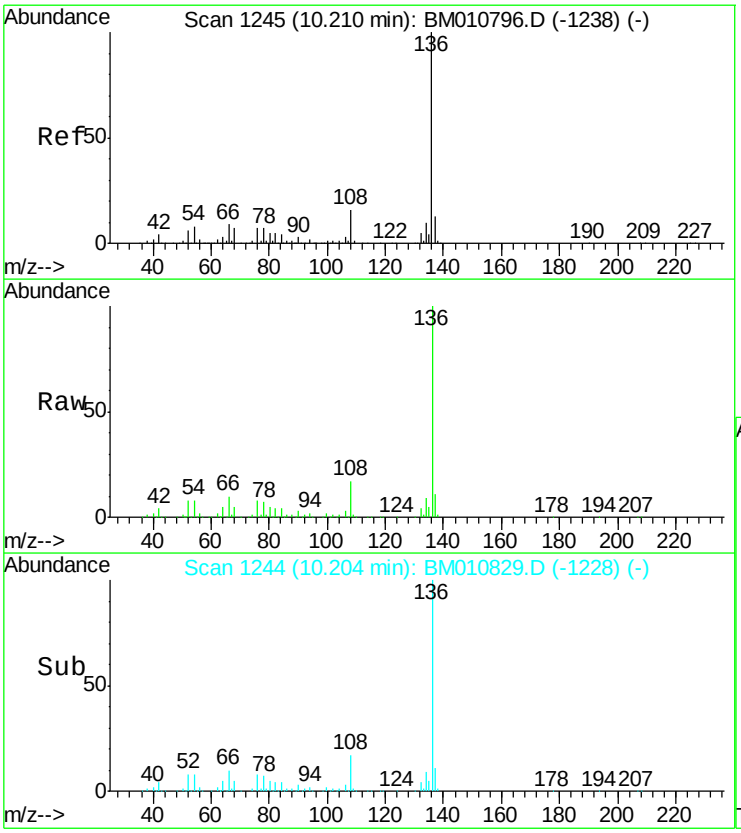

#7
Phenol-d6
Concen: 115.98 ng
RT: 6.64 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion: 99 Resp: 1648884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 11.0 | 16.4# |
| 71 | 60.1 | 23.4 | 35.2# |

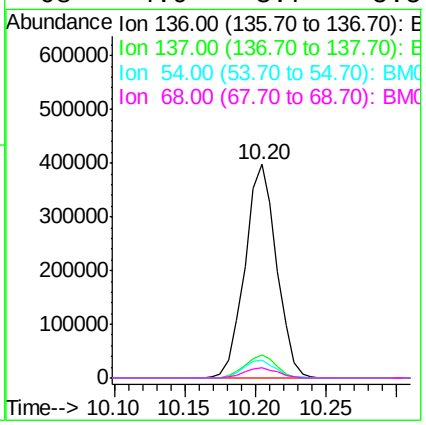


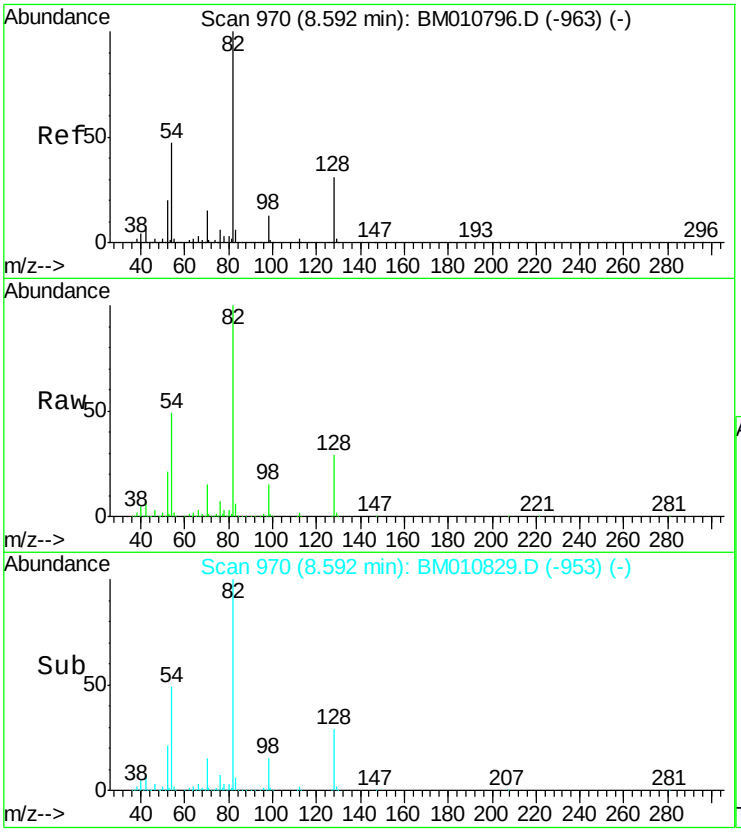




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:136 Resp: 623150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 8.5 | 4.6 | 6.8# |
| 68 | 4.9 | 3.7 | 5.5 |



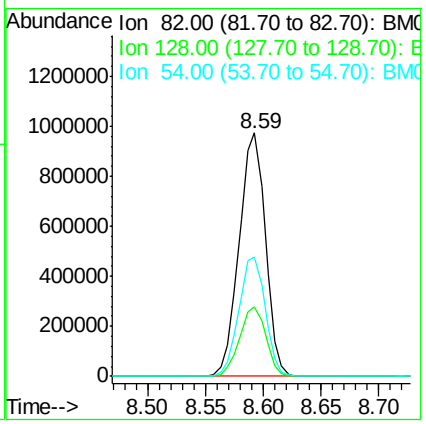


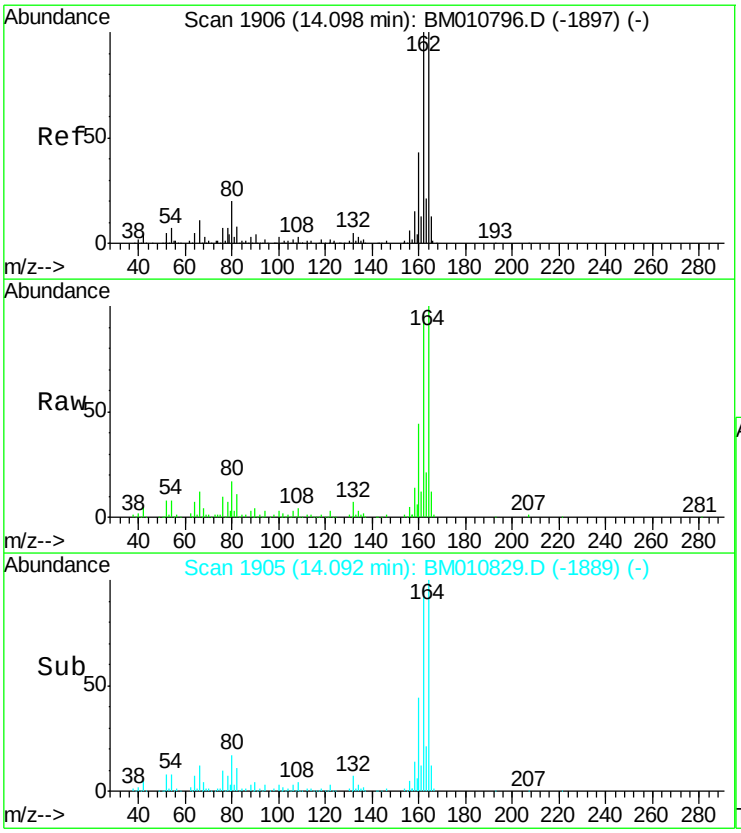

#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion: 82 Resp: 1540194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 28.6 | 32.8 | 49.2# |
| 54 | 48.9 | 40.6 | 60.8 |

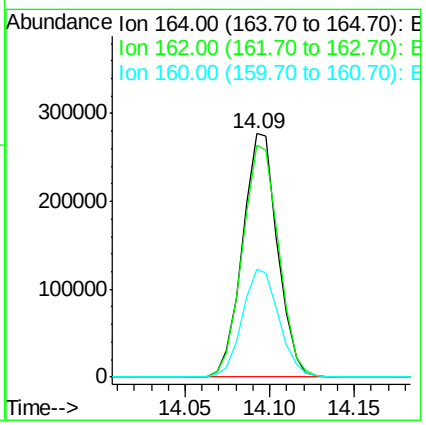


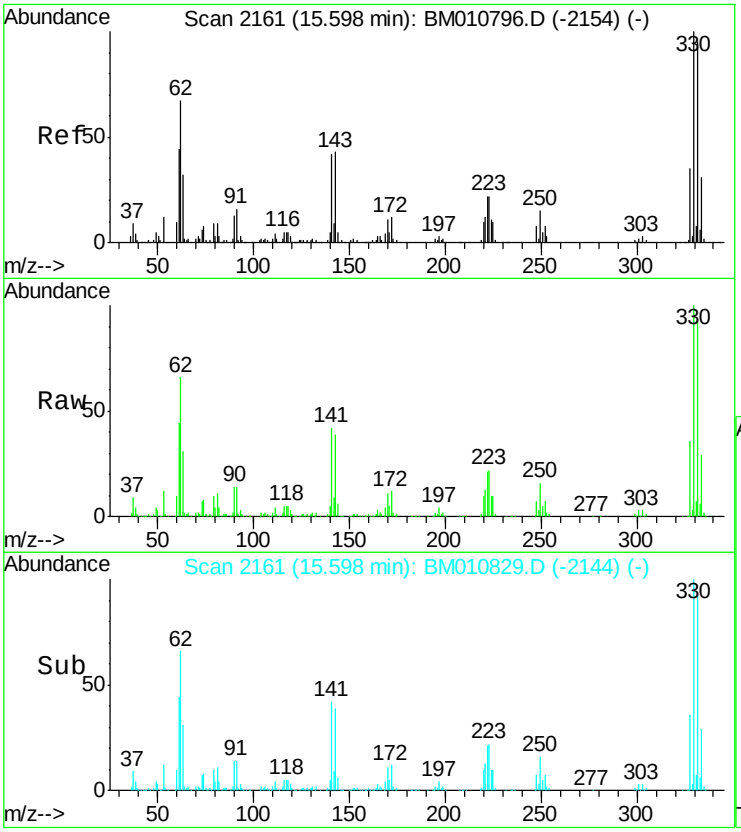




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:164 Resp: 401515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.5 | 82.4 | 123.6 |
| 160 | 44.3 | 35.8 | 53.6 |



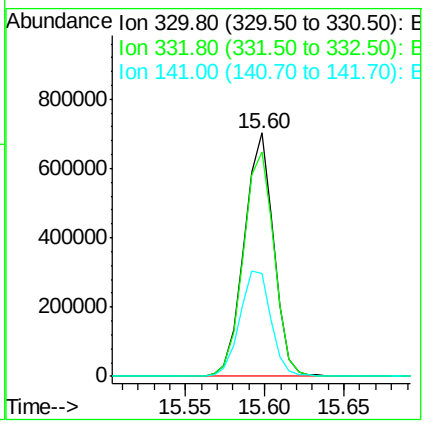


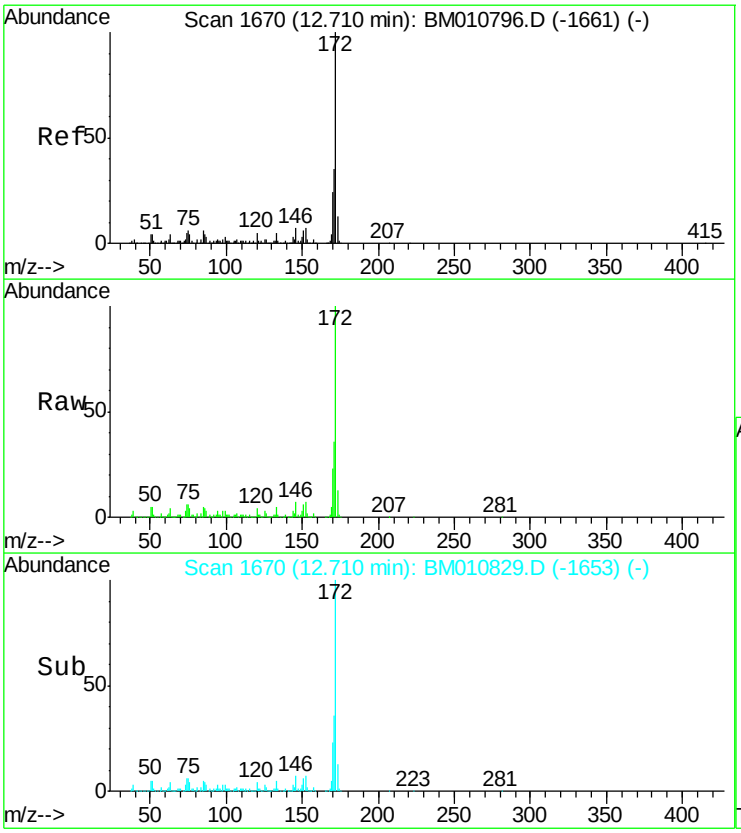

#41
2,4,6-Tribromophenol
Concen: 147.64 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion:330 Resp: 905888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 0.0 | 0.0# |
| 141 | 46.1 | 0.0 | 0.0# |

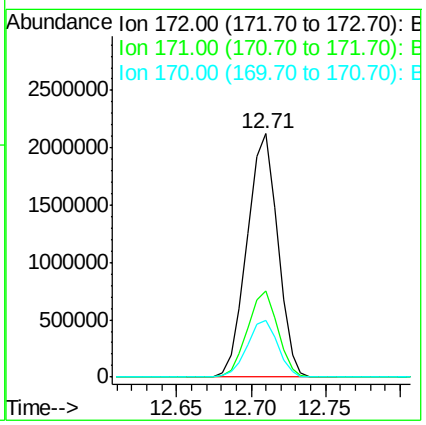


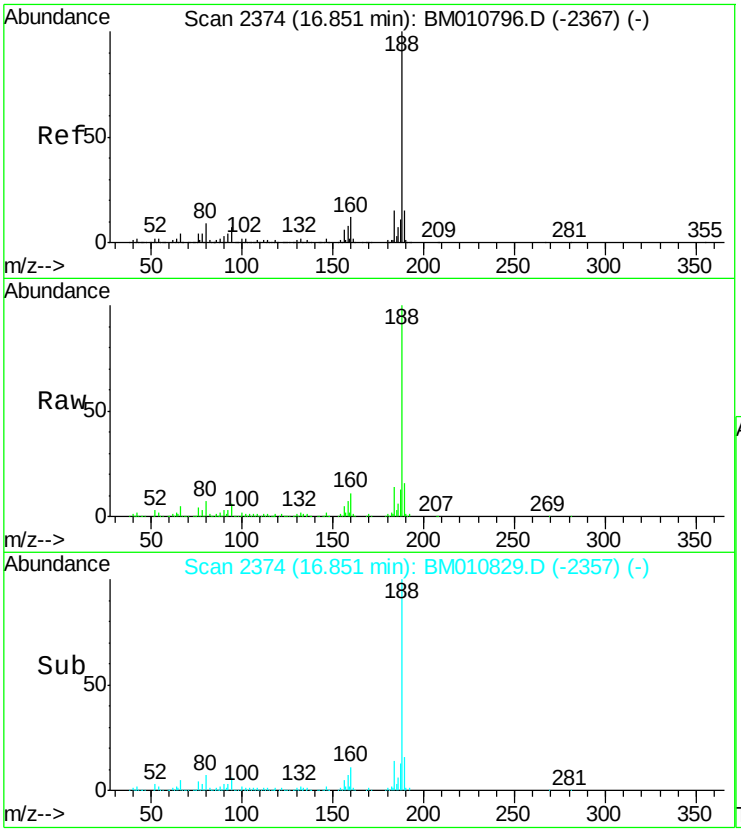




#44
2-Fluorobiphenyl
Concen: 93.33 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:172 Resp: 3012372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.5 | 42.7 |
| 170 | 23.4 | 18.8 | 28.2 |



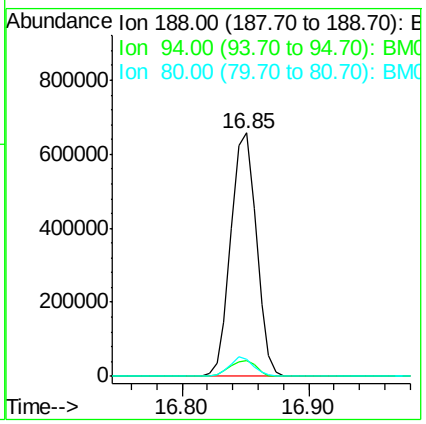


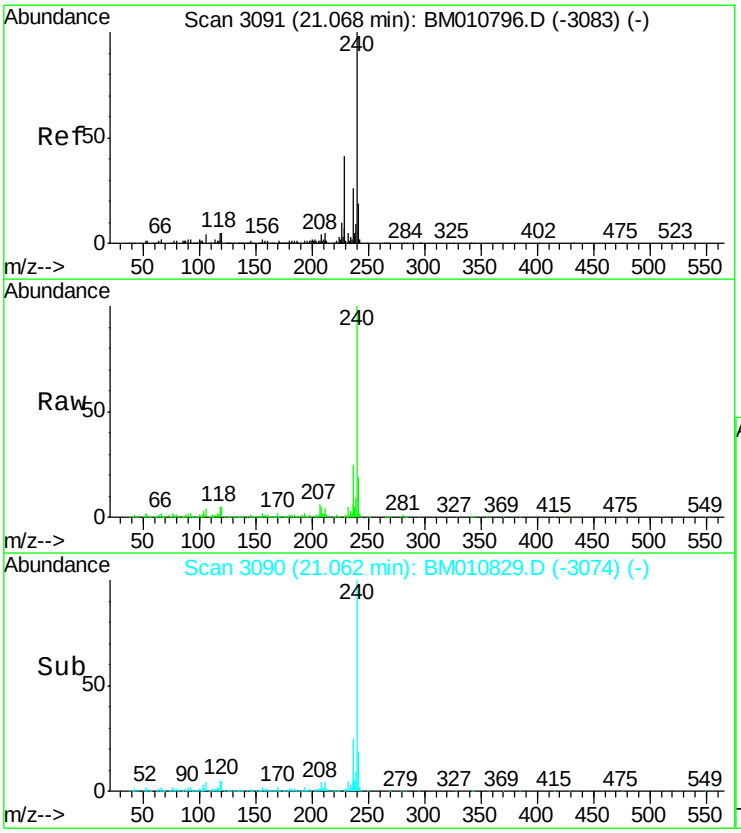

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion:188 Resp: 918097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.4 | 8.7 | 13.1# |
| 80 | 6.8 | 9.3 | 13.9# |

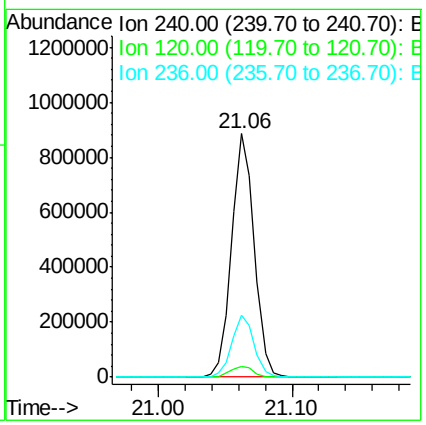


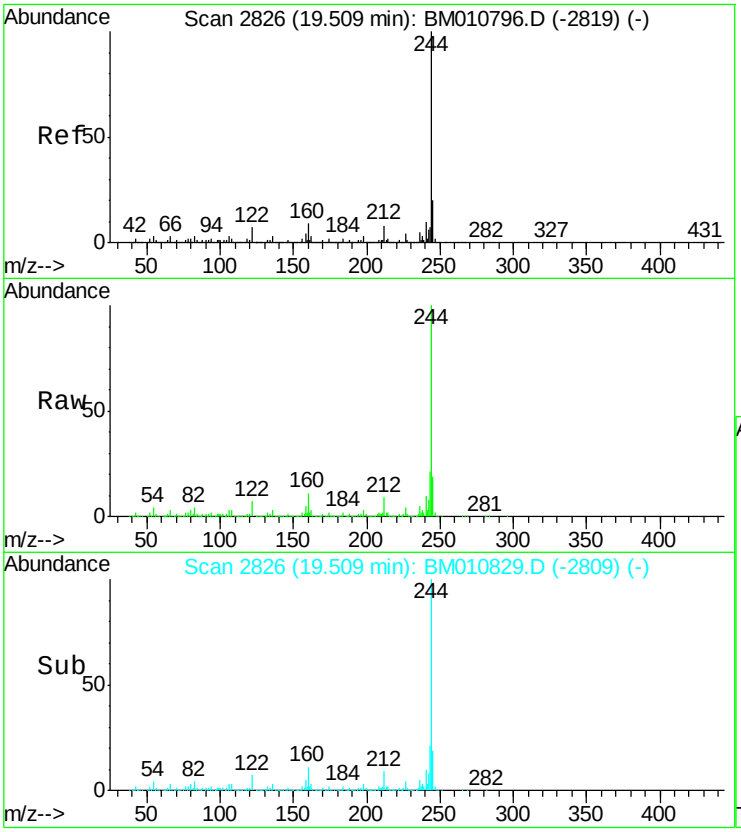




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:240 Resp: 1049167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.6 | 8.2 | 12.2# |
| 236 | 25.1 | 20.0 | 30.0 |



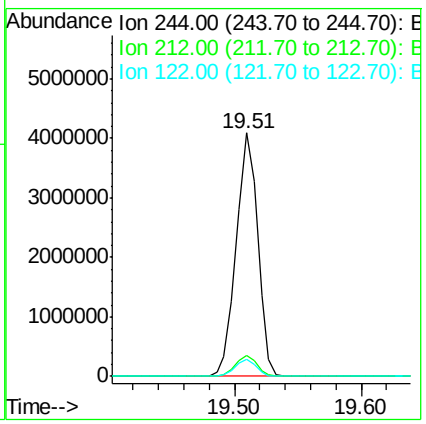


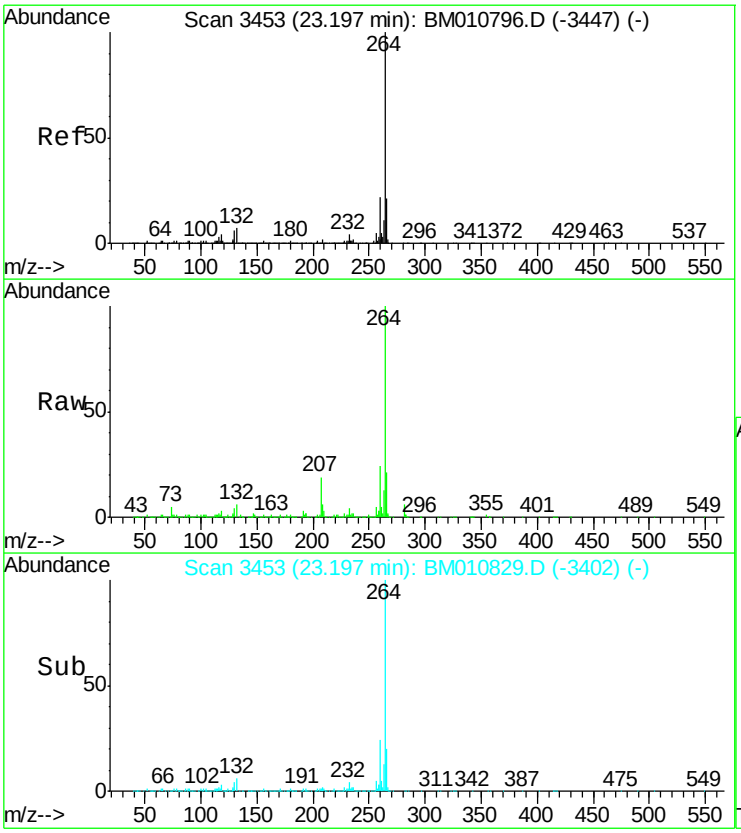

#78
Terphenyl-d14
Concen: 88.23 ng
RT: 19.51 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

**Instrument :**
BNA_M
**ClientSampleId :**
SU-04-071217

Tgt Ion:244 Resp: 4786328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 4.9 | 7.3# |
| 122 | 7.0 | 6.2 | 9.4 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM010829.D
Acq: 14 Jul 2017 01:10

Tgt Ion:264 Resp: 979517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 27.8 |
| 265 | 20.7 | 17.3 | 25.9 |