Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021919\
Data File : BM018867.D
Acq On : 19 Feb 2019 21:26
Operator : JU/SJ
Sample : K1518-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CABLE-BRIDGE-FOUNDATION-D-4

Quant Time: Feb 19 23:46:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 305238 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.49 | 136 | 1219400 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.35 | 164 | 682367 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.10 | 188 | 1638066 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.30 | 240 | 1614094 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.55 | 264 | 1372985 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 2420595 | 129.93 | ng | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 2951112 | 112.45 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.87 | 82 | 2424545 | 91.94 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.85 | 330 | 1384059 | 140.71 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.97 | 172 | 4676768 | 90.98 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.74 | 244 | 8452364 | 108.03 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.88 | 77 | 7143 | Below Cal | # | 13 |

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

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Misc :
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**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

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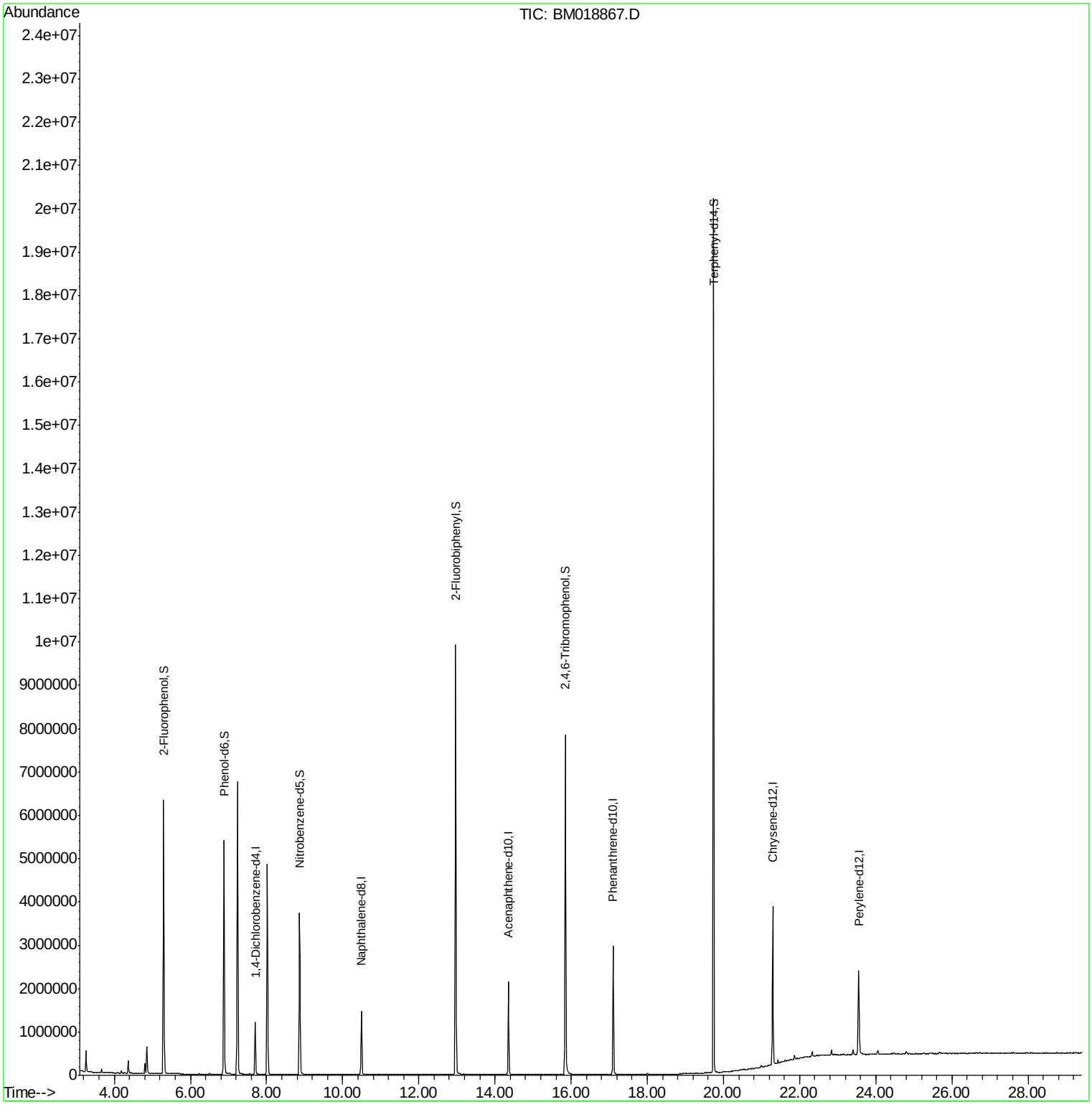
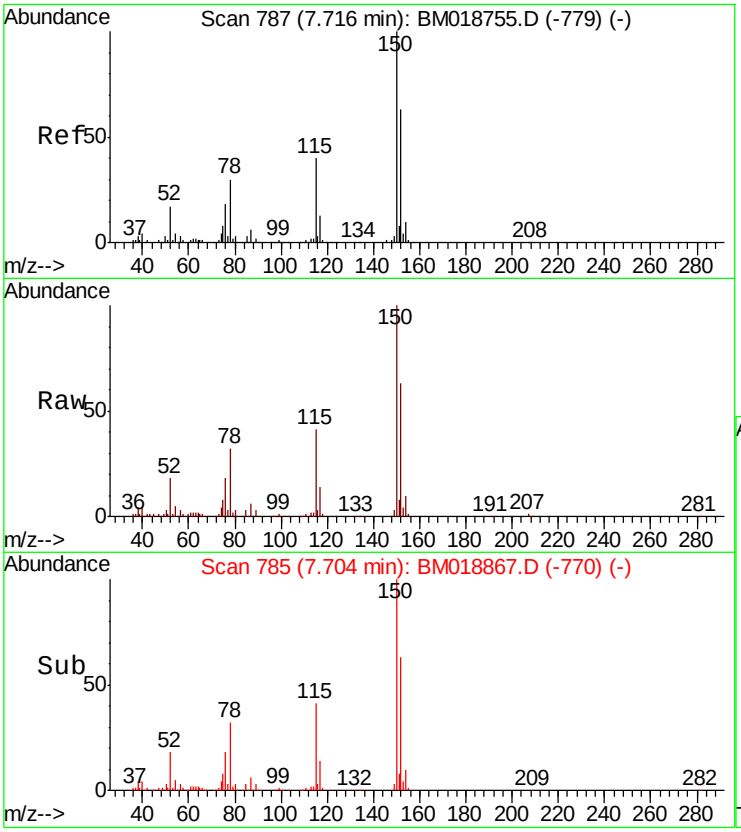


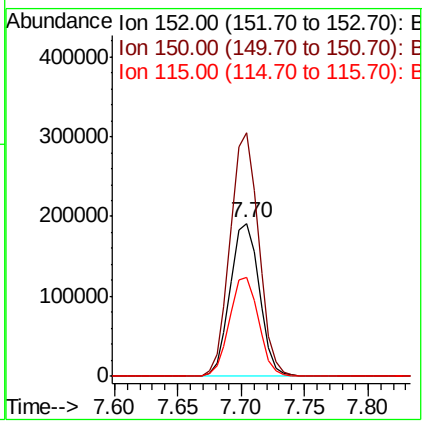


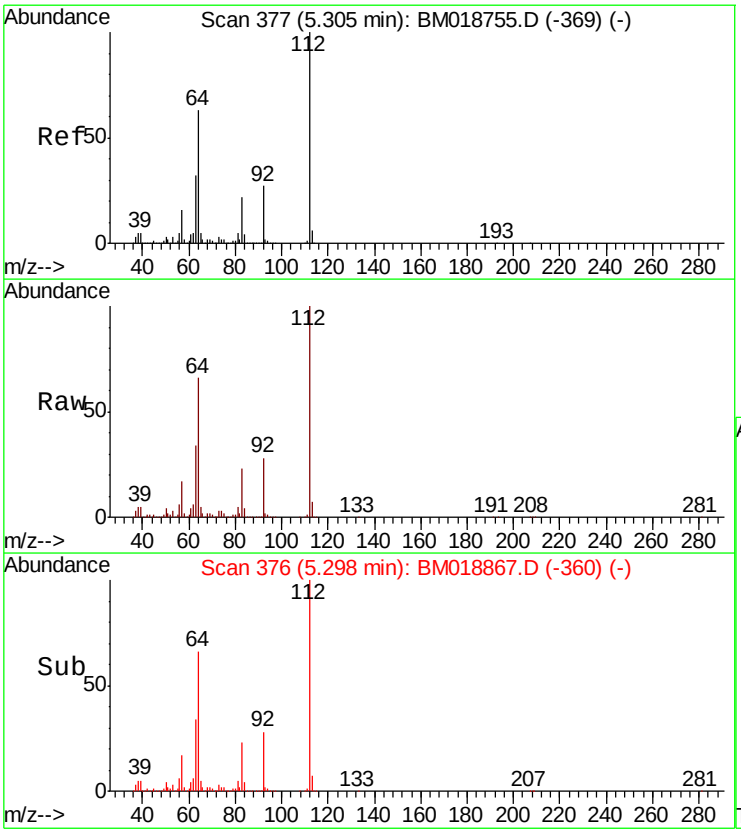

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:152 Resp: 305238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 127.3 | 190.9 |
| 115 | 64.8 | 50.8 | 76.2 |

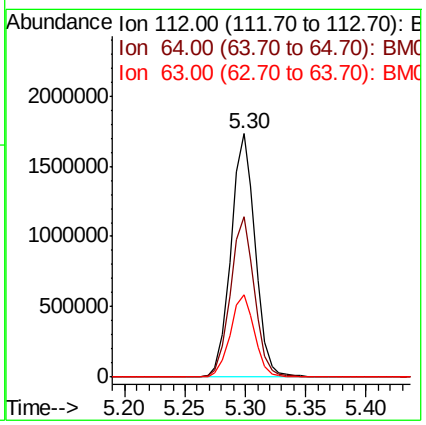


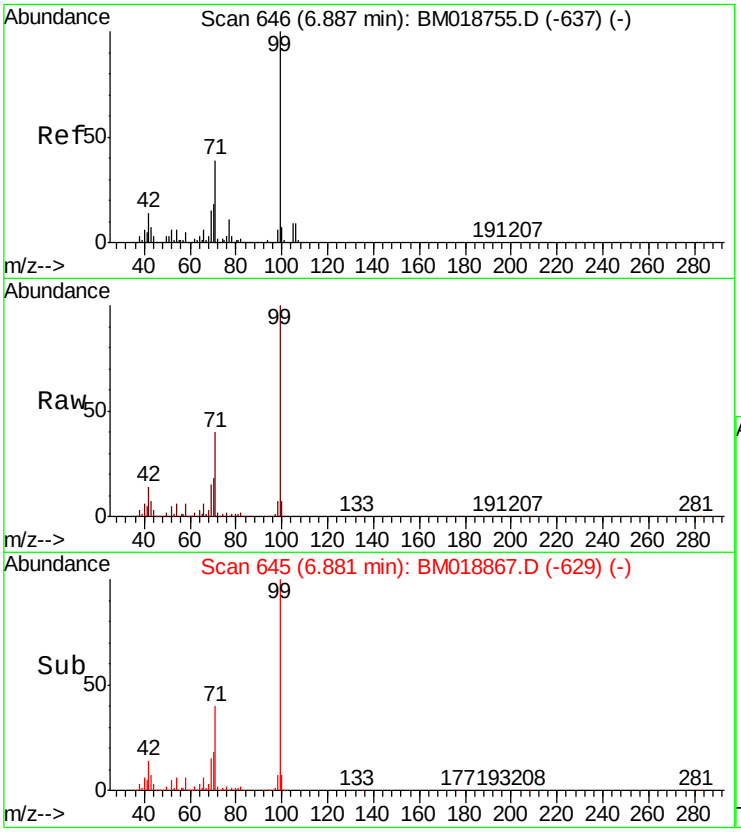




#5
2-Fluorophenol
Concen: 129.934 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:112 Resp: 2420595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.7 | 50.6 | 75.8 |
| 63 | 34.1 | 25.7 | 38.5 |



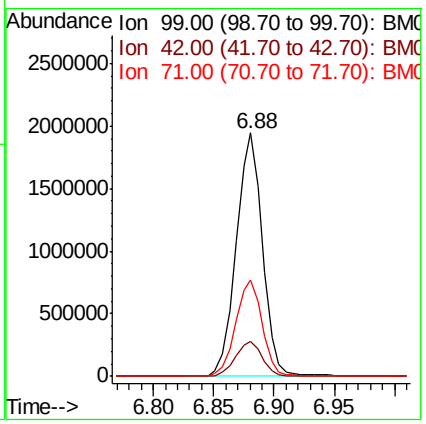


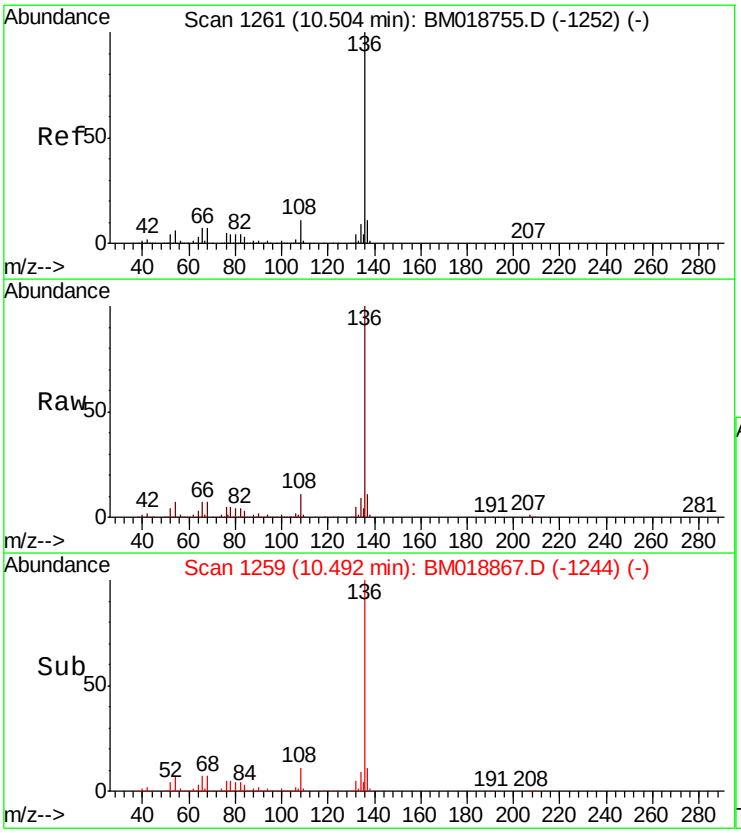

#7
Phenol-d6
Concen: 112.448 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion: 99 Resp: 2951112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.3 | 11.0 | 16.6 |
| 71 | 39.6 | 31.3 | 46.9 |

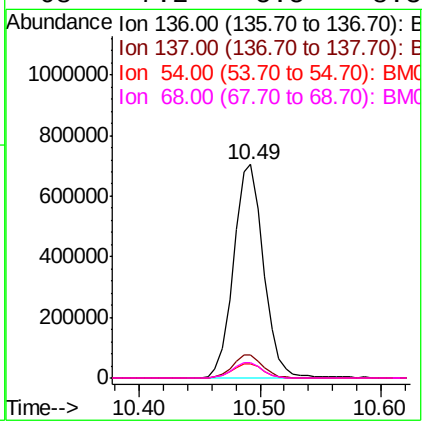


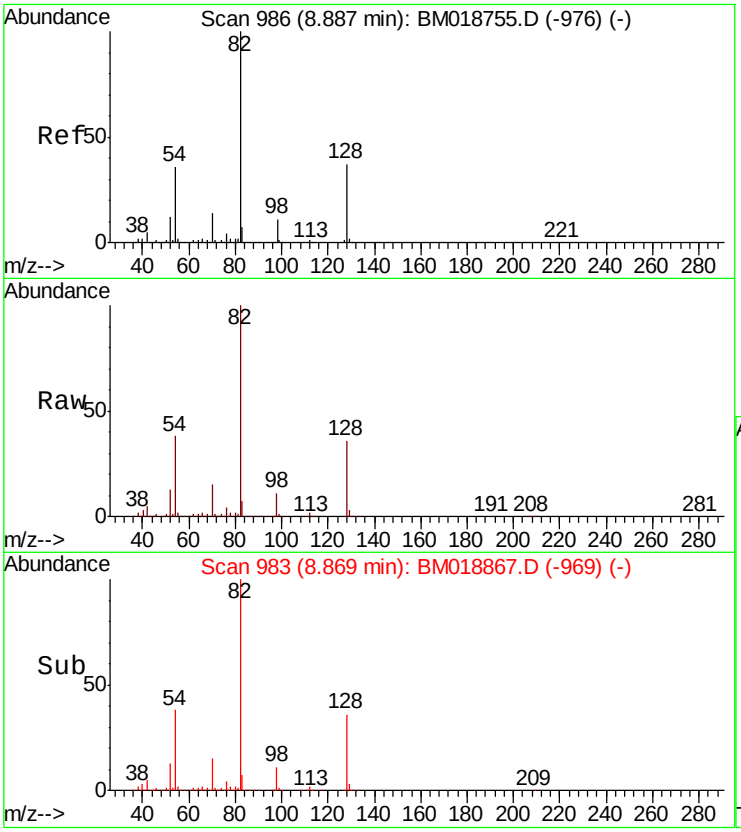




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:136 Resp: 1219400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 6.7 | 5.0 | 7.6 |
| 68 | 7.2 | 5.5 | 8.3 |



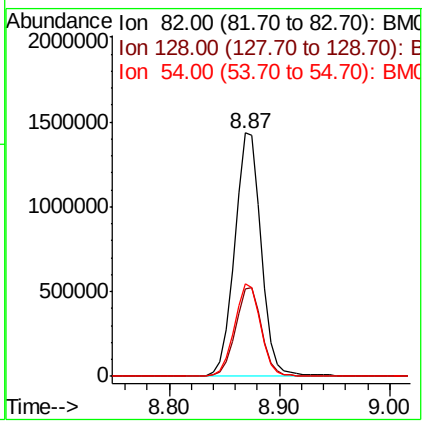


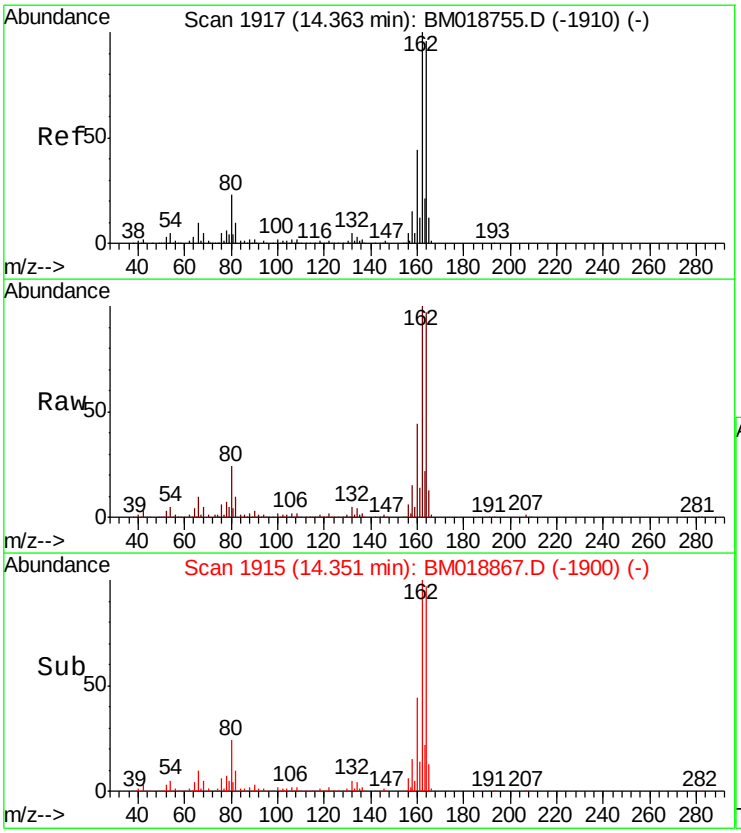

#23
Nitrobenzene-d5
Concen: 91.937 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion: 82 Resp: 2424545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.8 | 29.9 | 44.9 |
| 54 | 38.2 | 29.1 | 43.7 |

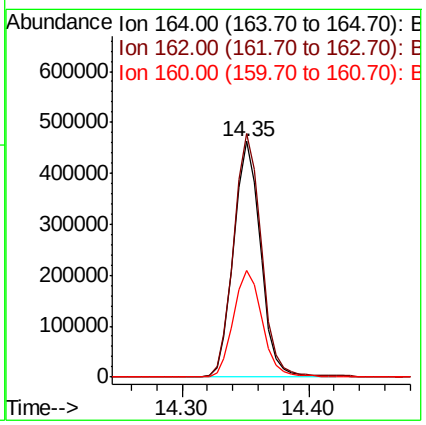


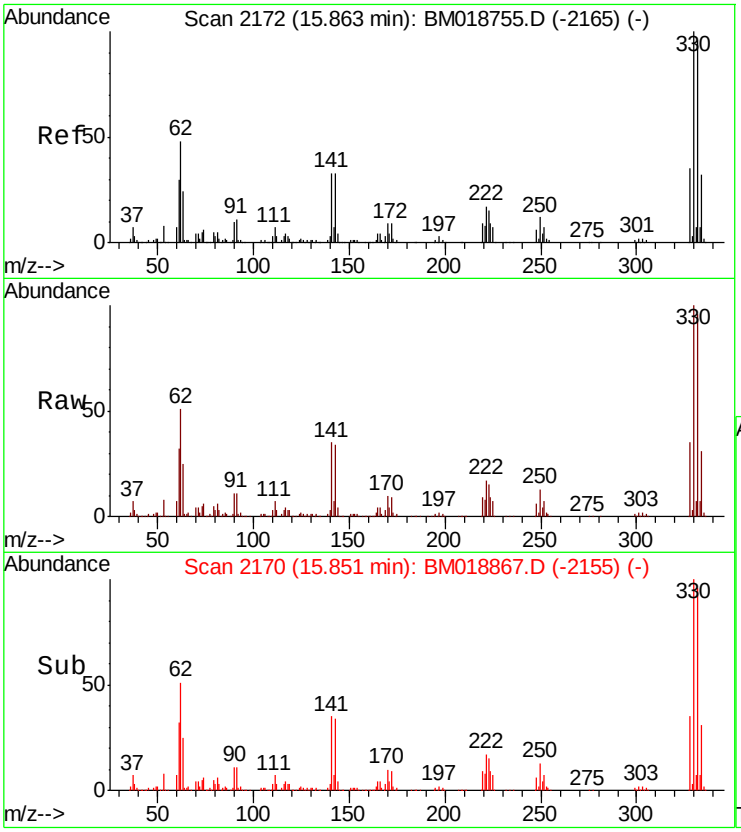




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:164 Resp: 682367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 83.4 | 125.0 |
| 160 | 45.2 | 36.6 | 55.0 |



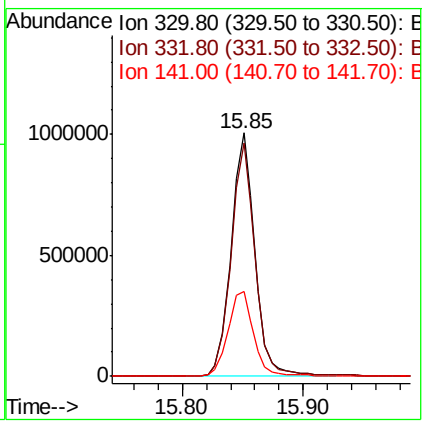


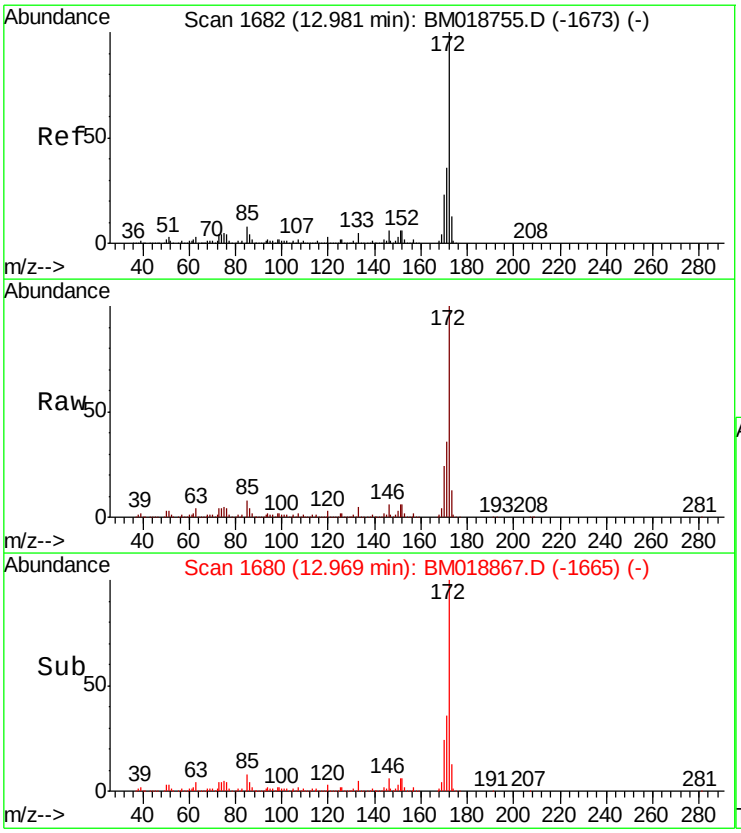

#42
2,4,6-Tribromophenol
Concen: 140.712 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:330 Resp: 1384059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.9 | 115.3 |
| 141 | 37.6 | 28.7 | 43.1 |

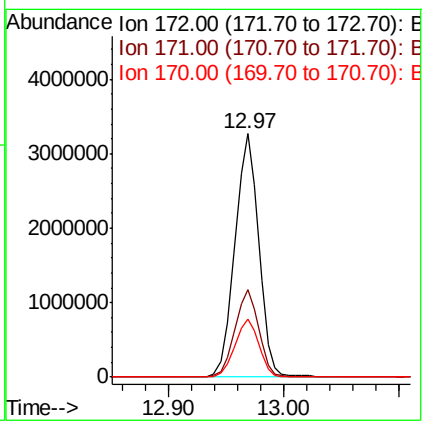


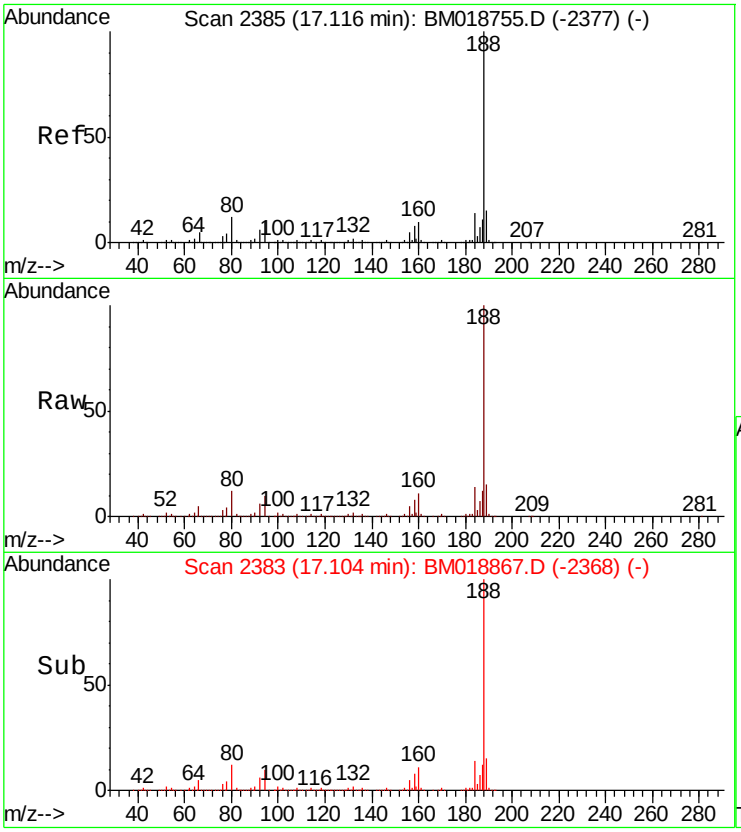




#45
2-Fluorobiphenyl
Concen: 90.982 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:172 Resp: 4676768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.0 | 43.6 |
| 170 | 23.9 | 18.6 | 28.0 |



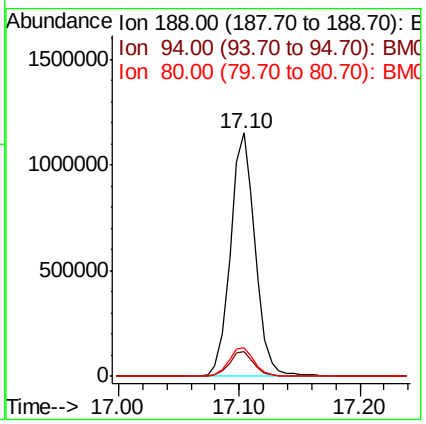


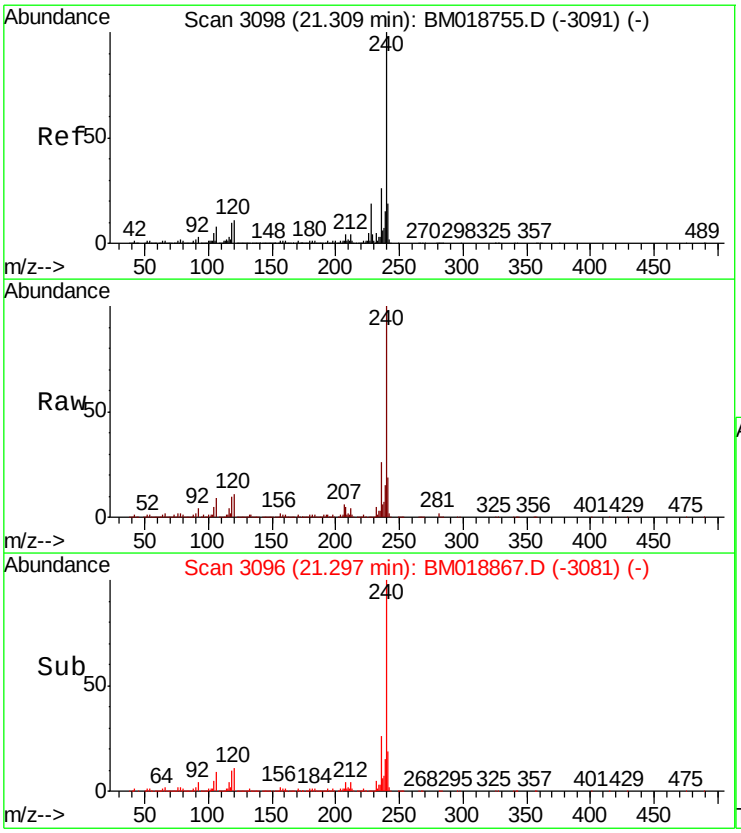

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:188 Resp: 1638066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.2 | 12.2 |
| 80 | 11.9 | 9.7 | 14.5 |

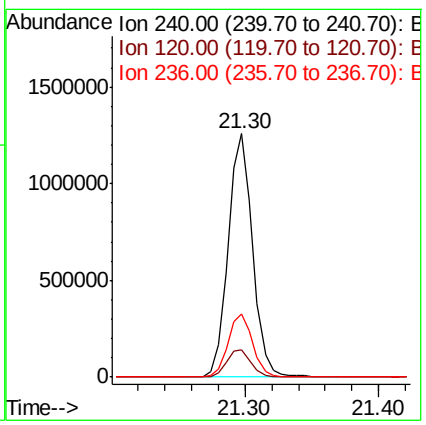


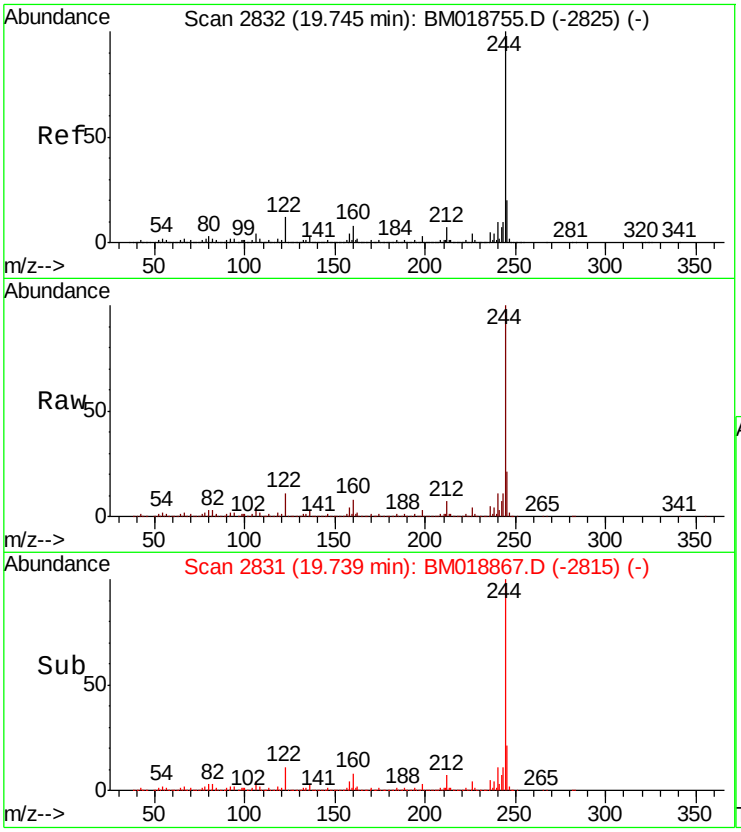




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:240 Resp: 1614094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 26.0 | 20.9 | 31.3 |



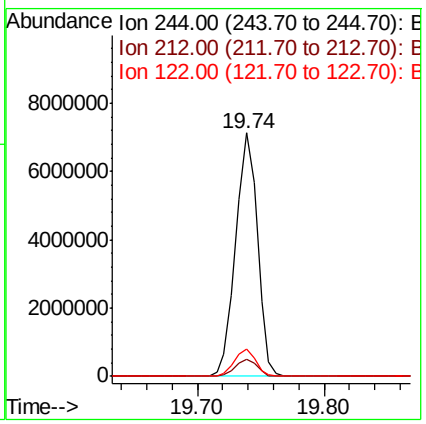


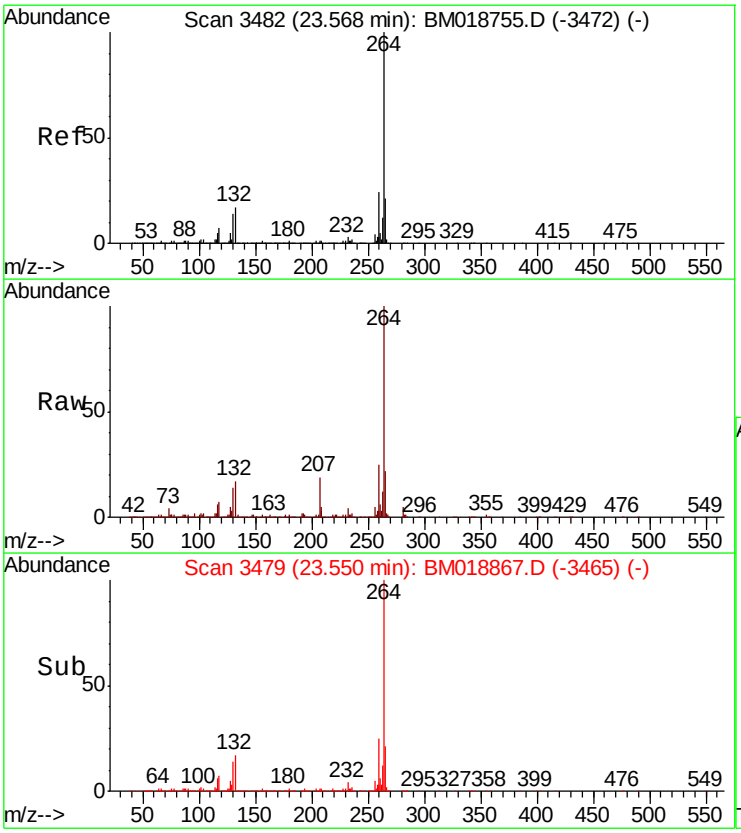

#79
Terphenyl-d14
Concen: 108.026 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

**Instrument :**
BNA_M
**ClientSampleId :**
CABLE-BRIDGE-FOUNDATION-D-4

Tgt Ion:244 Resp: 8452364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 11.2 | 9.3 | 13.9 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018867.D
Acq: 19 Feb 2019 21:26

Tgt Ion:264 Resp: 1372985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 18.9 | 28.3 |
| 265 | 22.0 | 17.3 | 25.9 |