Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018268.D
Acq On : 18 Dec 2018 03:56
Operator : JU/SJ
Sample : J6385-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 121218-JETT-F-D-S

Quant Time: Dec 18 05:04:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 122541 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.26 | 136 | 443442 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.15 | 164 | 242075 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 16.91 | 188 | 478557 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.13 | 240 | 461162 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.29 | 264 | 477251 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.12 | 112 | 309716 | 42.22 | ng | 0.00 |
| 7) Phenol-d6 | 6.69 | 99 | 247033 | 24.23 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.65 | 82 | 951636 | 110.08 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.66 | 330 | 304278 | 85.64 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.76 | 172 | 1962048 | 104.98 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.57 | 244 | 2135223 | 104.72 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Quant Time: Dec 18 05:04:56 2018
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QLast Update : Sat Dec 15 21:39:37 2018
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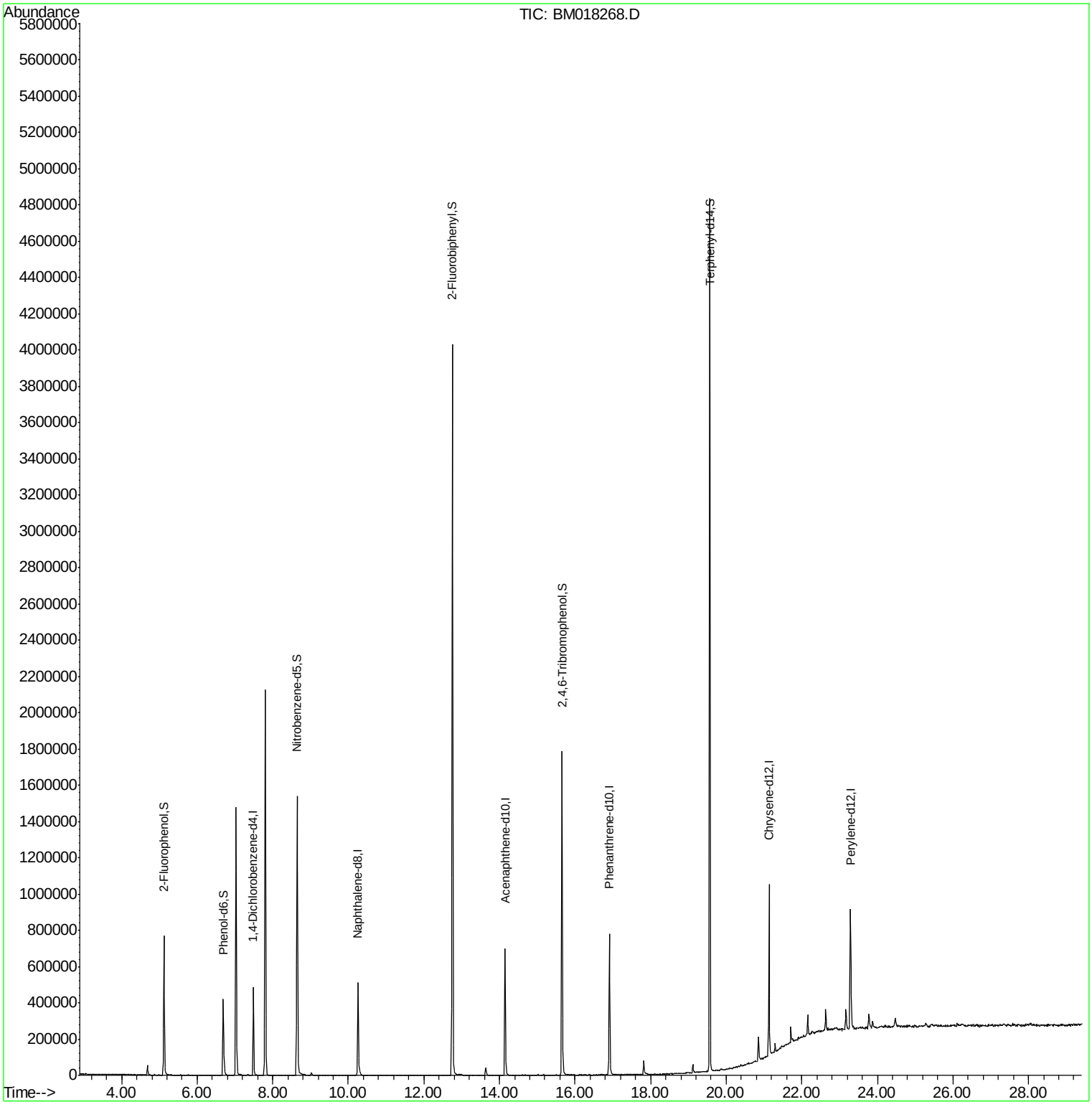
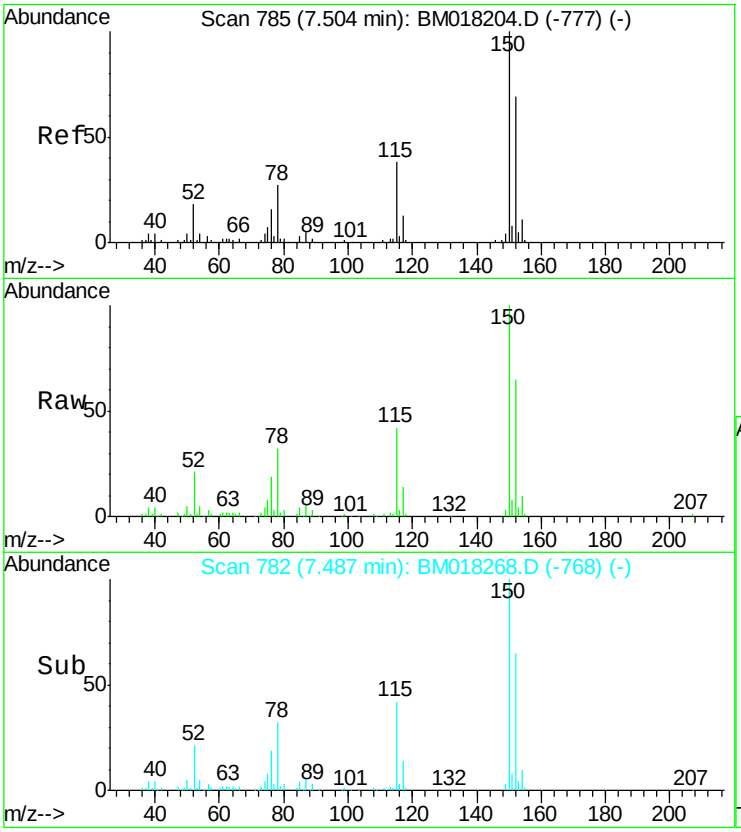


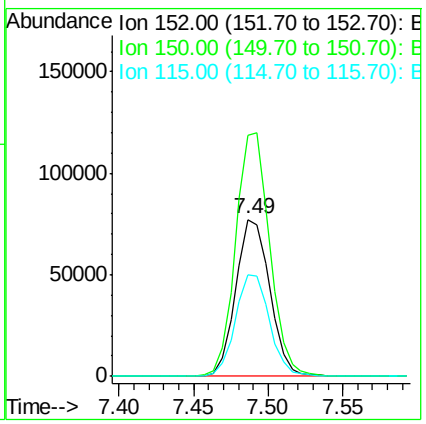


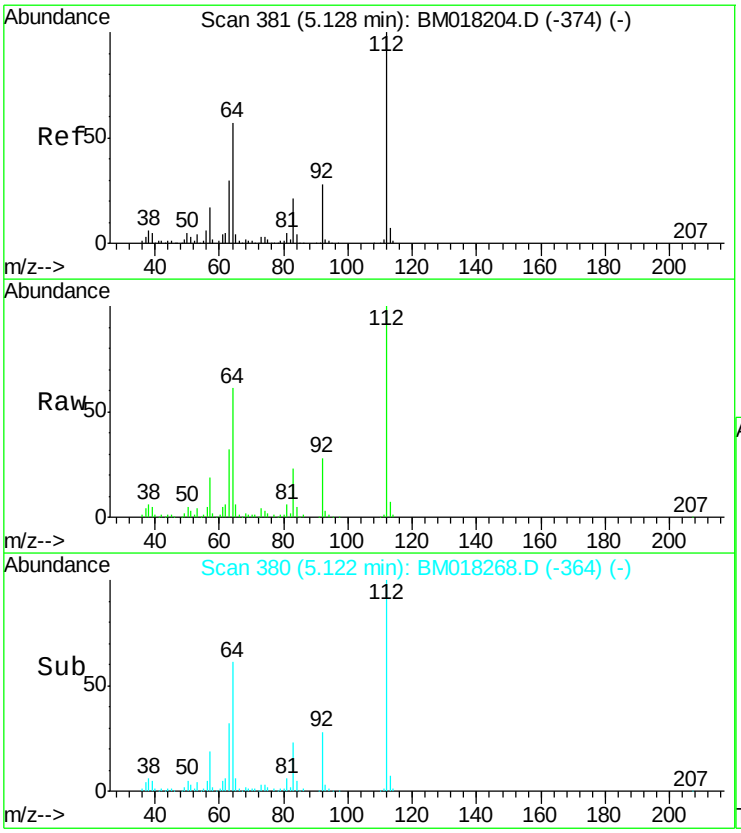

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion:152 Resp: 122541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.9 | 116.1 | 174.1 |
| 115 | 64.9 | 44.6 | 67.0 |

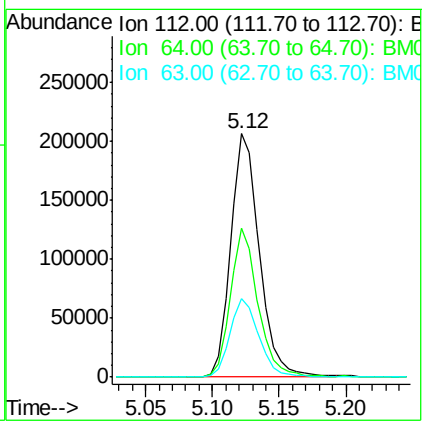


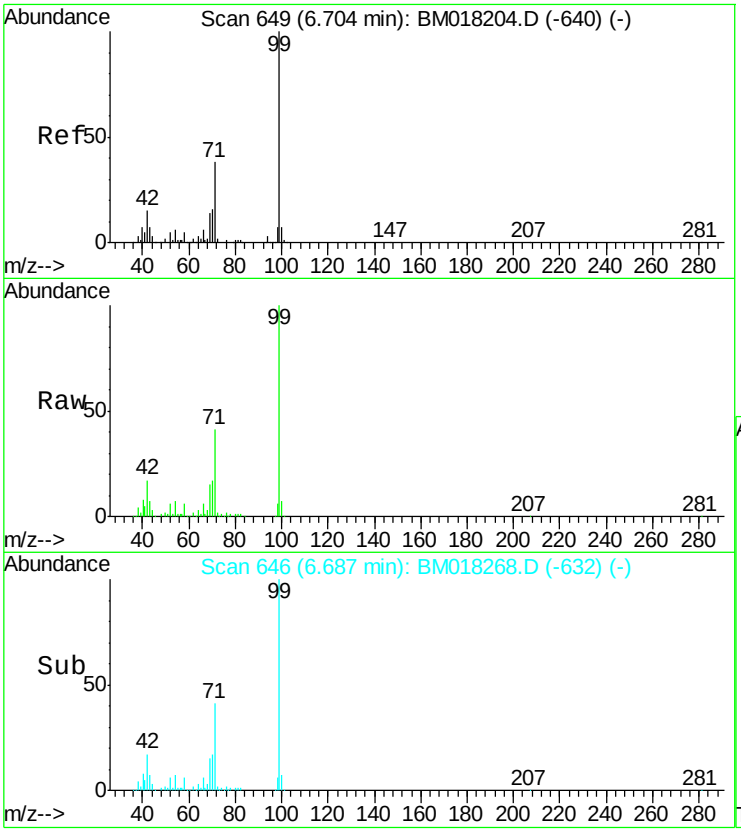




#5
2-Fluorophenol
Concen: 42.221 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:112 Resp: 309716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.1 | 45.4 | 68.2 |
| 63 | 32.3 | 24.0 | 36.0 |



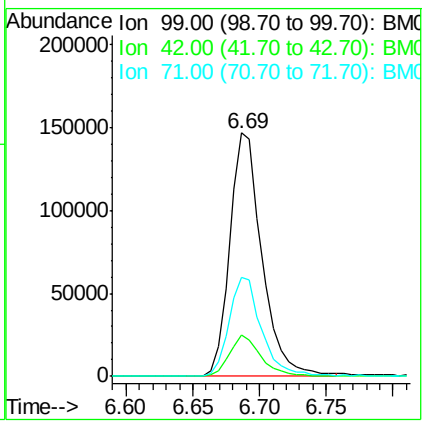


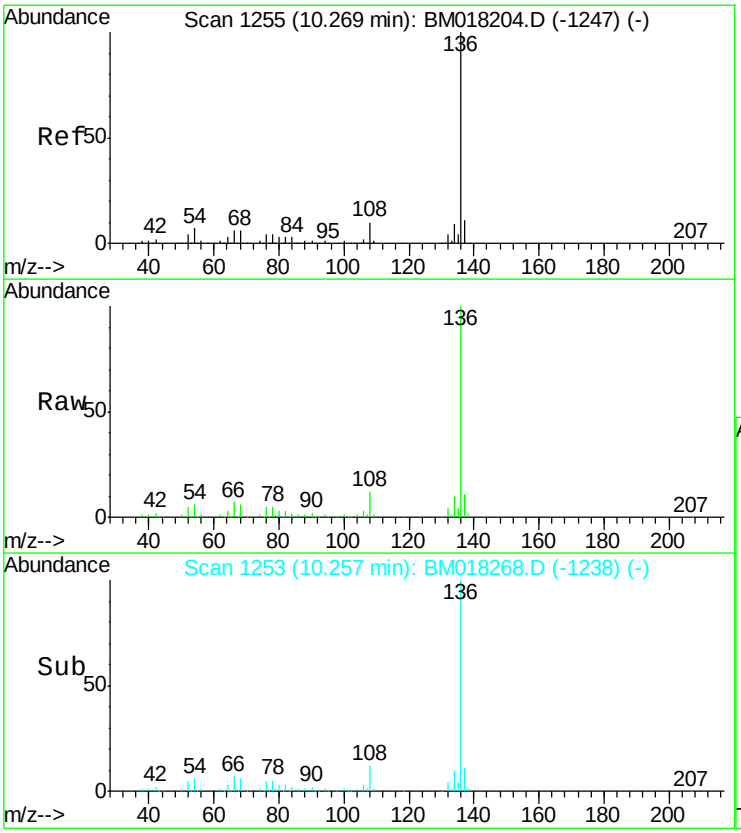

#7
Phenol-d6
Concen: 24.228 ng
RT: 6.69 min Scan# 646
Delta R.T. -0.02 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion: 99 Resp: 247033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 12.3 | 18.5 |
| 71 | 40.6 | 30.2 | 45.2 |

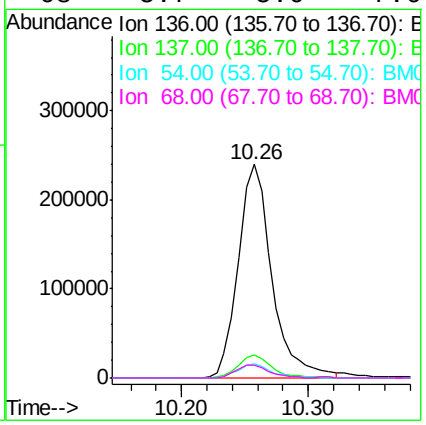


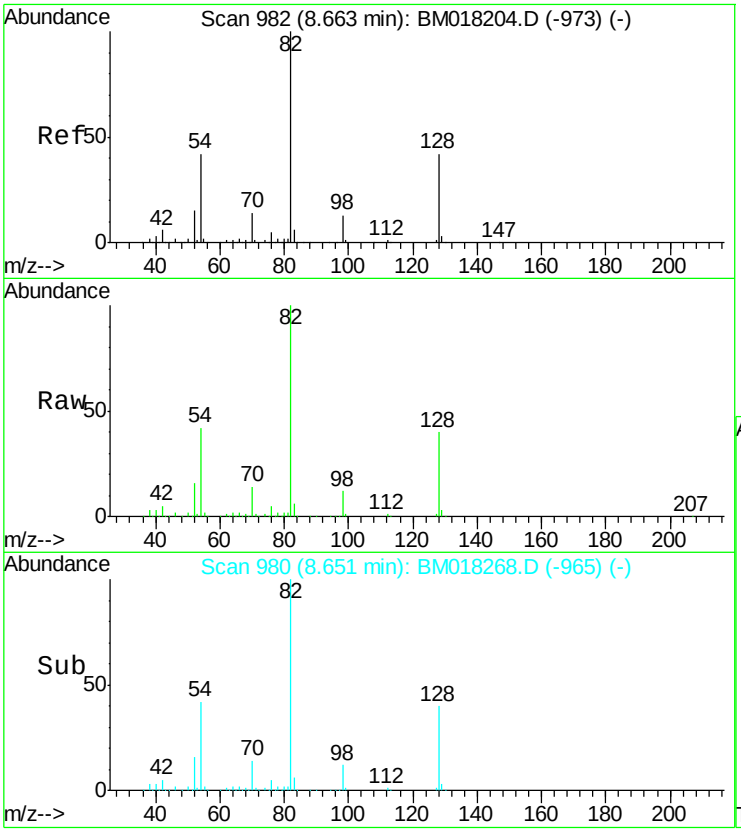




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:136 Resp: 443442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.2 | 13.8 |
| 54 | 6.4 | 5.2 | 7.8 |
| 68 | 5.7 | 5.0 | 7.6 |



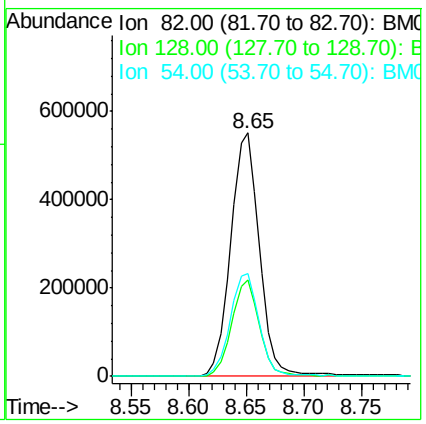


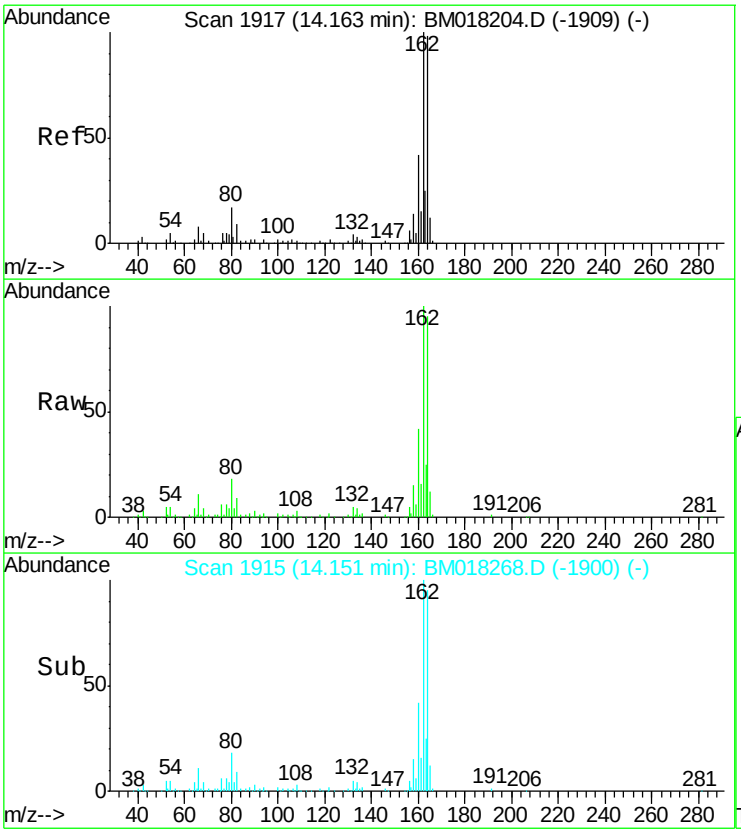

#23
Nitrobenzene-d5
Concen: 110.077 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion: 82 Resp: 951636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 33.4 | 50.2 |
| 54 | 42.2 | 33.4 | 50.2 |

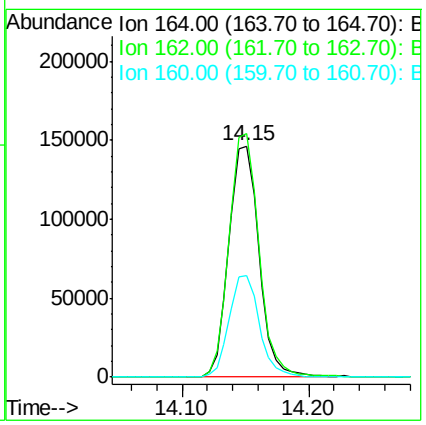


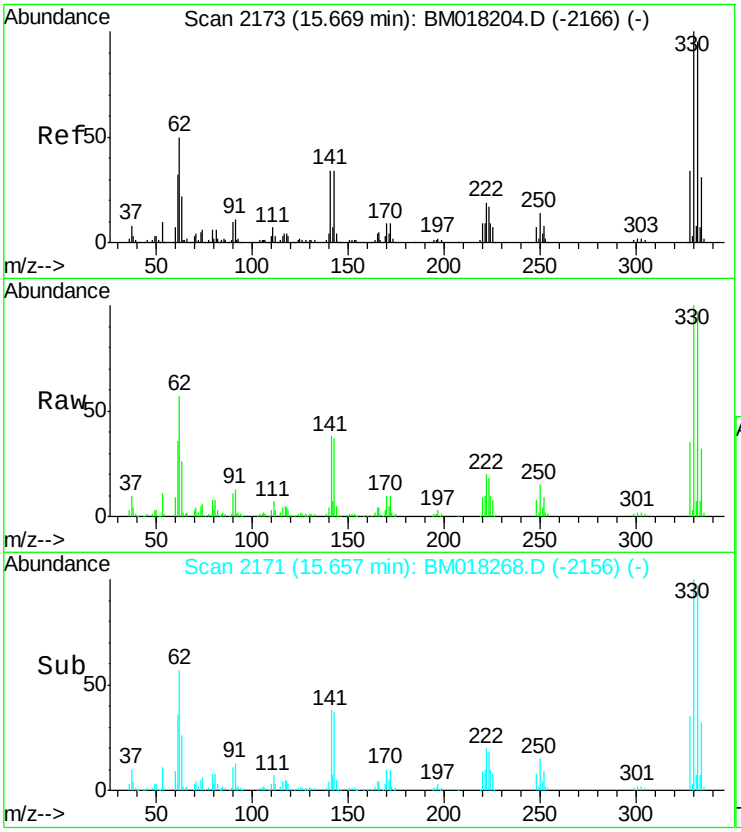




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:164 Resp: 242075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 81.8 | 122.6 |
| 160 | 44.1 | 34.6 | 51.8 |



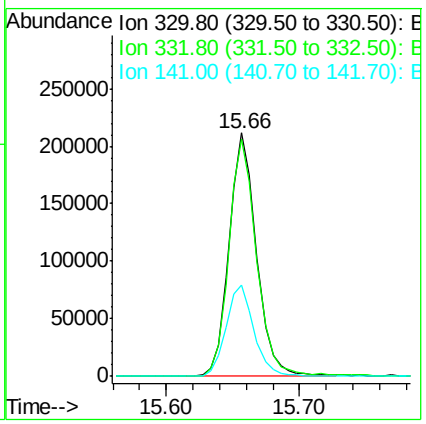


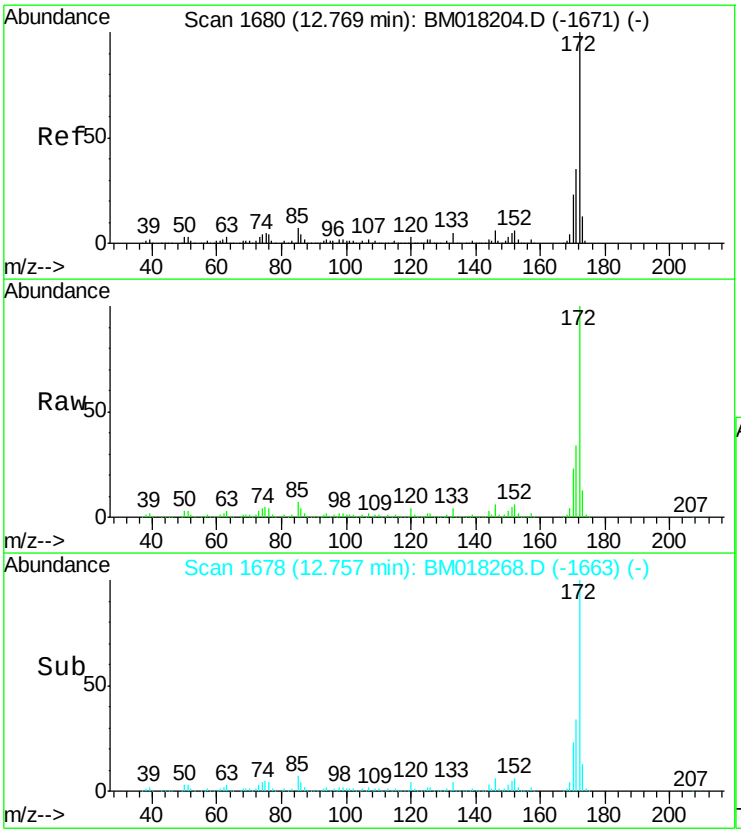

#42
2,4,6-Tribromophenol
Concen: 85.640 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion:330 Resp: 304278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 78.6 | 118.0 |
| 141 | 38.6 | 27.1 | 40.7 |

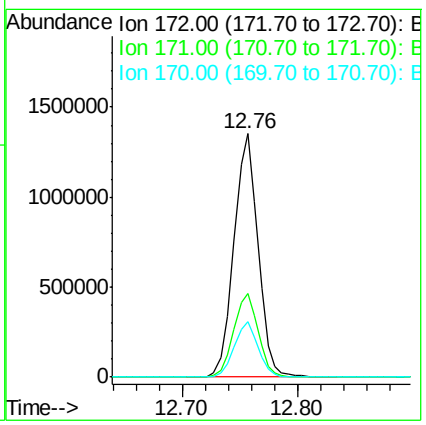


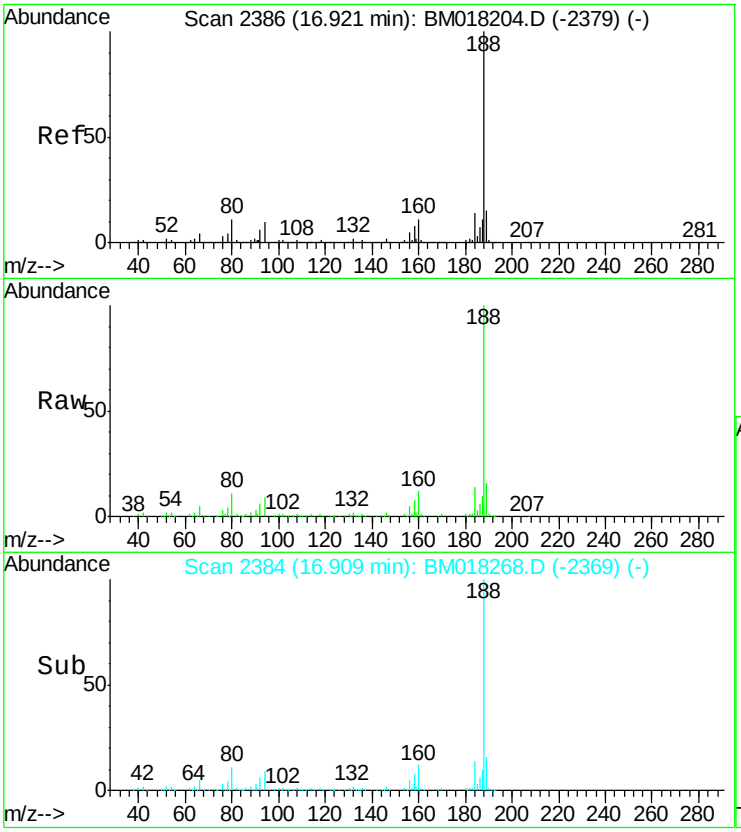




#45
2-Fluorobiphenyl
Concen: 104.980 ng
RT: 12.76 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:172 Resp: 1962048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.1 | 28.3 | 42.5 |
| 170 | 22.8 | 18.1 | 27.1 |



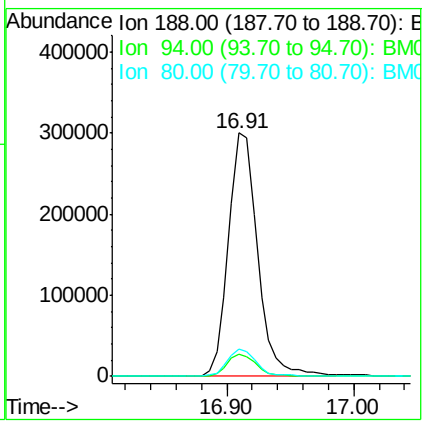


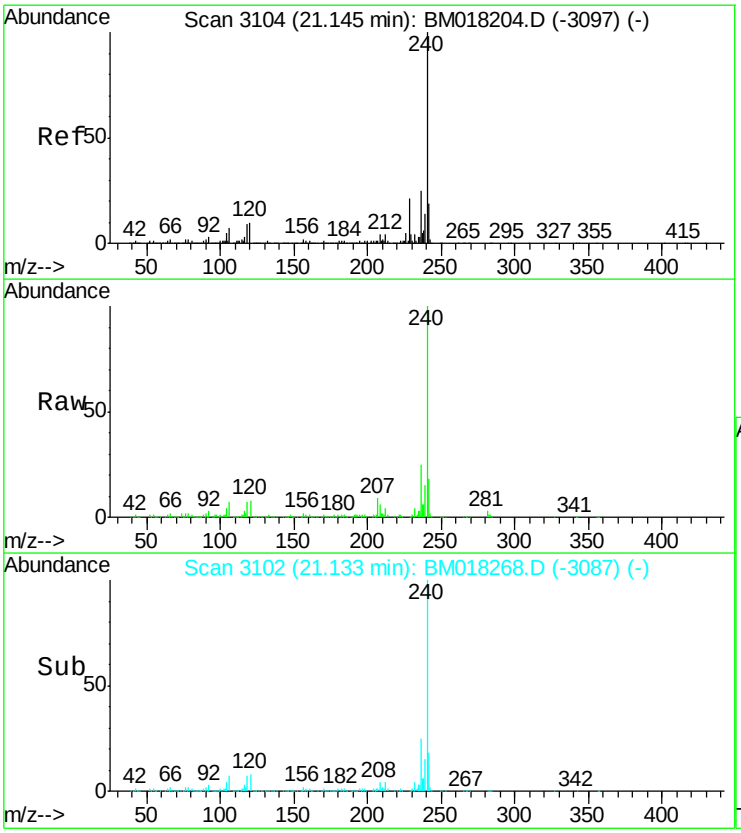

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion:188 Resp: 478557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 8.0 | 12.0 |
| 80 | 11.0 | 9.0 | 13.6 |

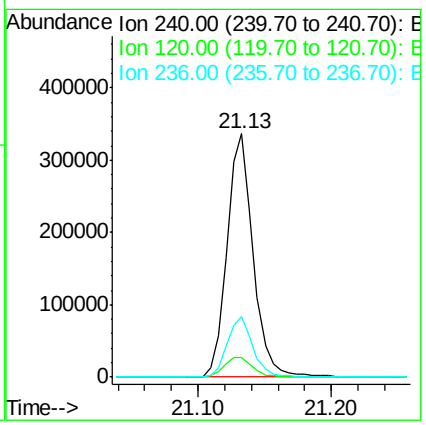


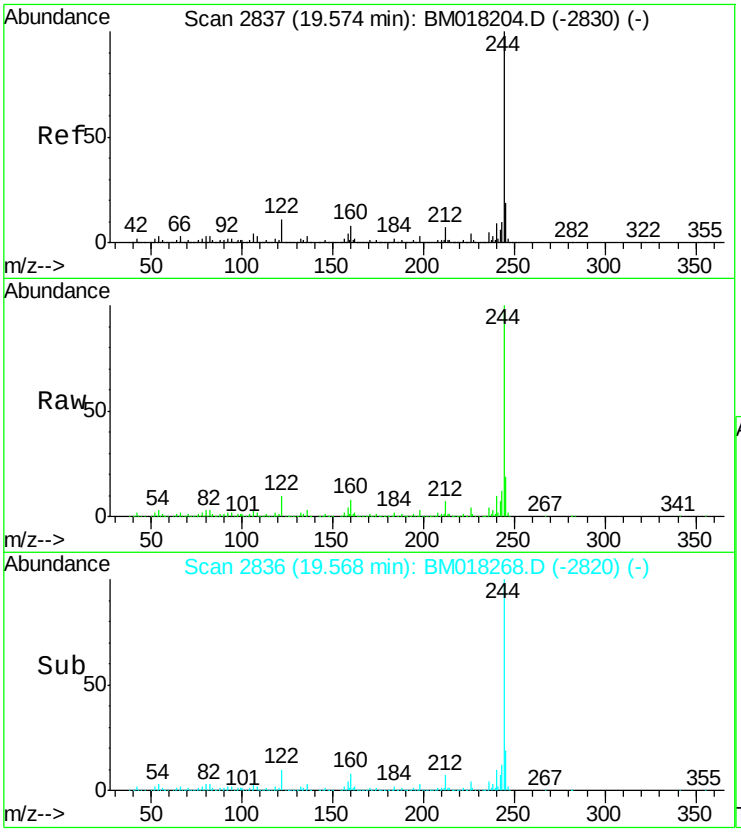




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:240 Resp: 461162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 8.2 | 12.2 |
| 236 | 24.9 | 20.3 | 30.5 |



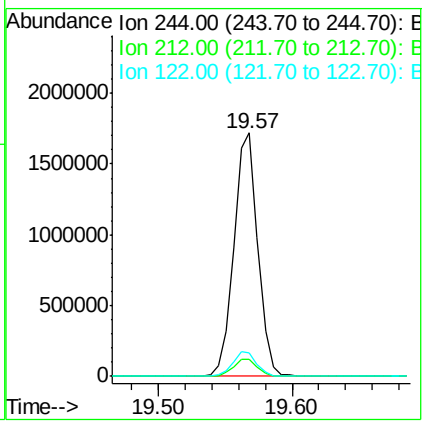


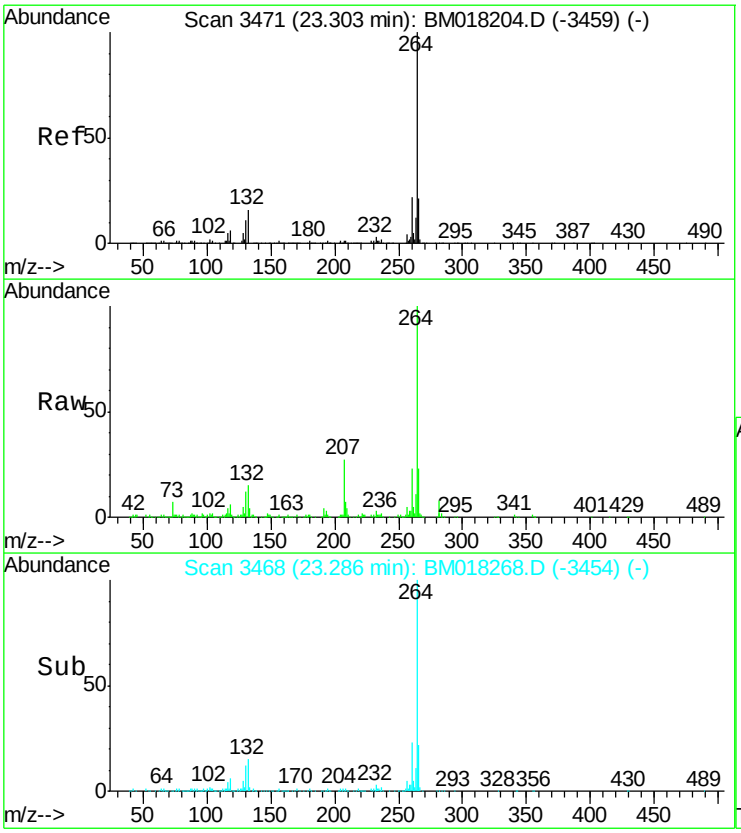

#79
Terphenyl-d14
Concen: 104.716 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

**Instrument :**
BNA_M
**ClientSampleId :**
121218-JETT-F-D-S

Tgt Ion:244 Resp: 2135223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 9.6 | 9.0 | 13.6 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018268.D
Acq: 18 Dec 2018 03:56

Tgt Ion:264 Resp: 477251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 17.5 | 26.3 |
| 265 | 22.7 | 17.3 | 25.9 |