Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
Data File : BM019079.D
Acq On : 08 Mar 2019 18:29
Operator : JU/SJ
Sample : K1807-31
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Mar 08 23:46:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 112967 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.46 | 136 | 403359 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.32 | 164 | 199603 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.08 | 188 | 399335 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.27 | 240 | 423812 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.51 | 264 | 521222 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 688900 | 99.92 | ng | -0.01 |
| 7) Phenol-d6 | 6.85 | 99 | 924921 | 95.23 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.84 | 82 | 565057 | 64.77 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 254106 | 88.32 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.93 | 172 | 860720 | 57.24 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.71 | 244 | 1106050 | 53.84 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.84 | 77 | 2312 | Below Cal | # | 7 |
| 10) Phenol | 6.87 | 94 | 20782 | 2.033 | ng | 88 |
| 50) Dimethylphthalate | 13.79 | 163 | 74326 | 4.468 | ng | 99 |

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

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Acq On : 08 Mar 2019 18:29
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**Instrument :**
BNA_M
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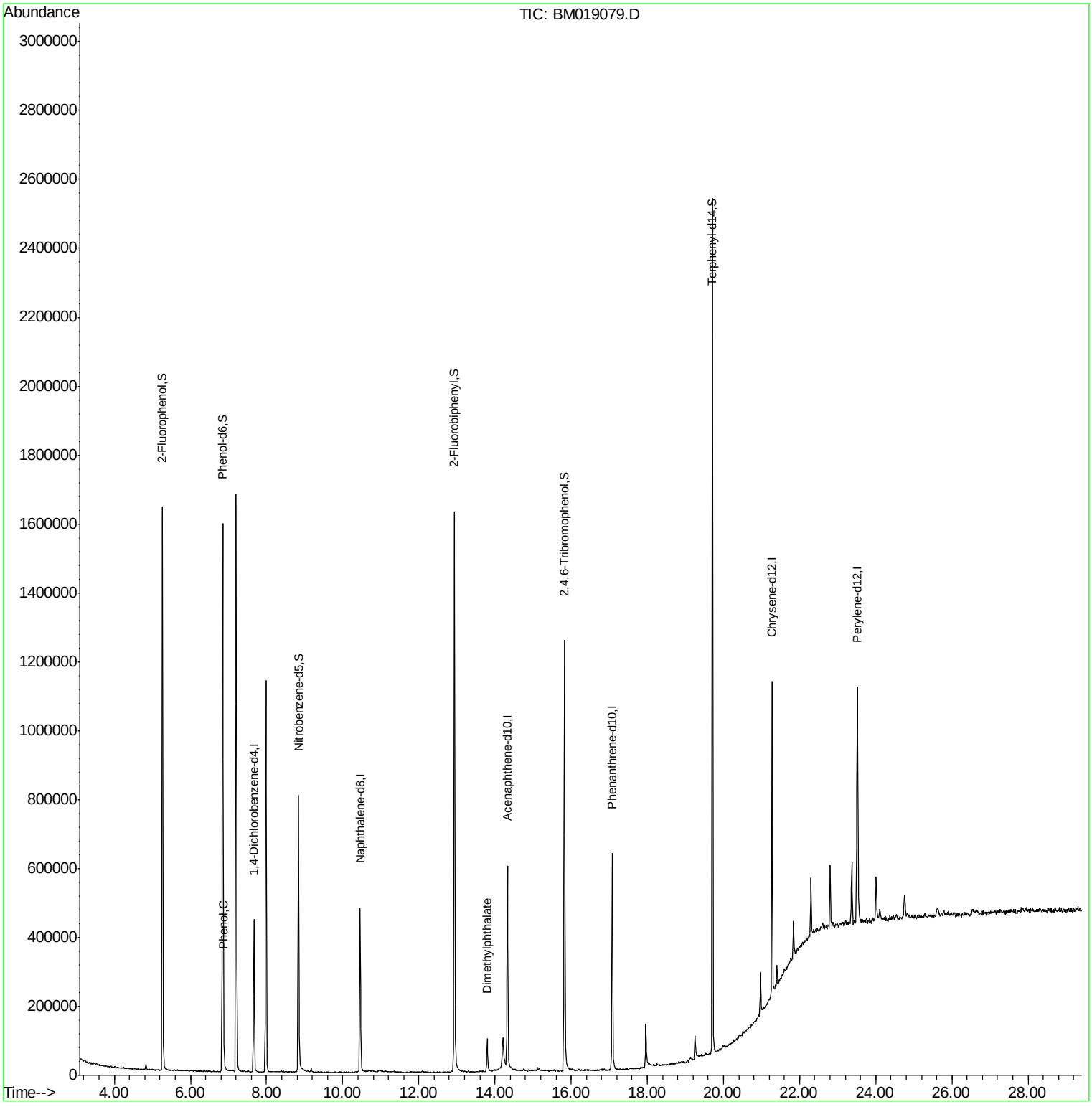
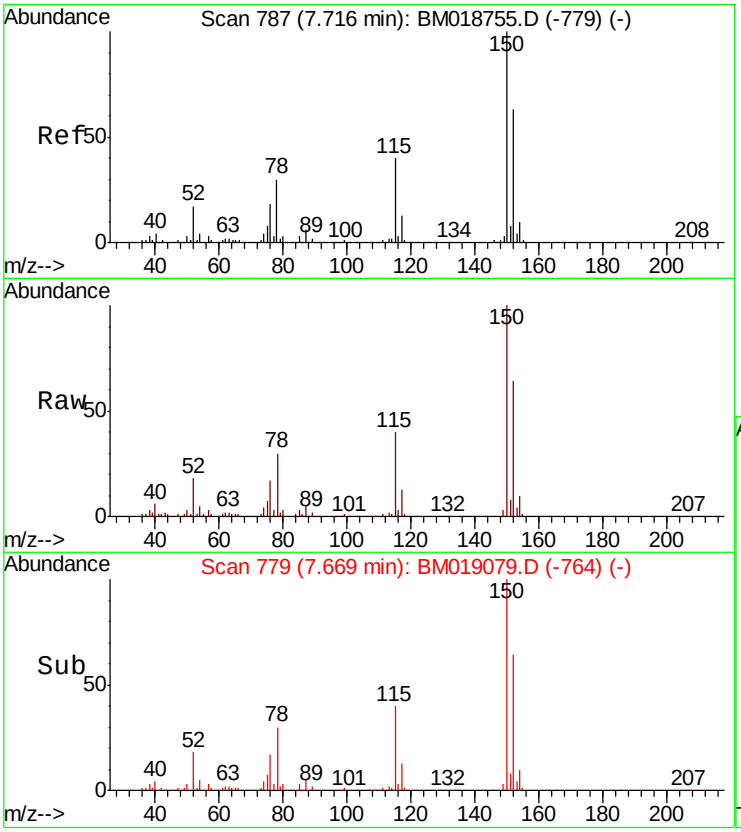


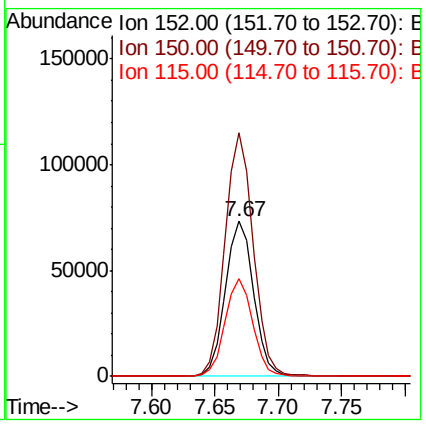


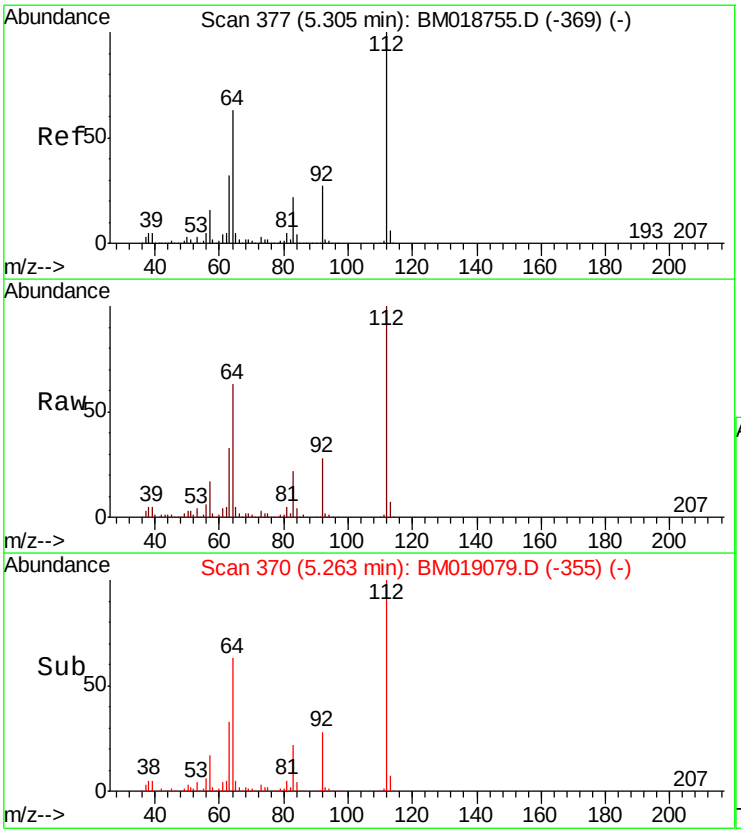

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 112967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 127.3 | 190.9 |
| 115 | 63.2 | 50.8 | 76.2 |

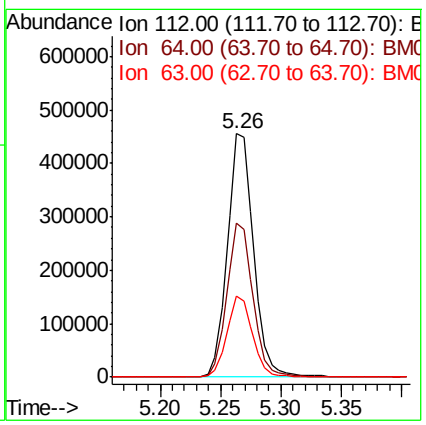


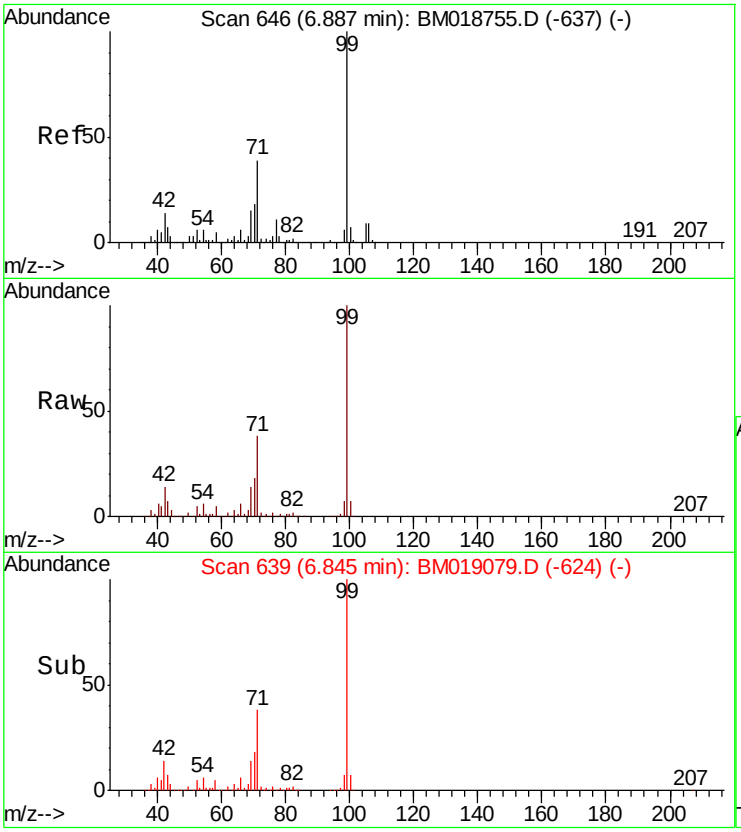




#5
2-Fluorophenol
Concen: 99.918 ng
RT: 5.26 min Scan# 370
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:112 Resp: 688900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.2 | 50.6 | 75.8 |
| 63 | 33.1 | 25.7 | 38.5 |



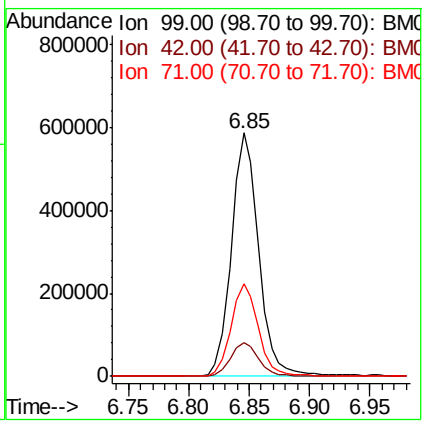


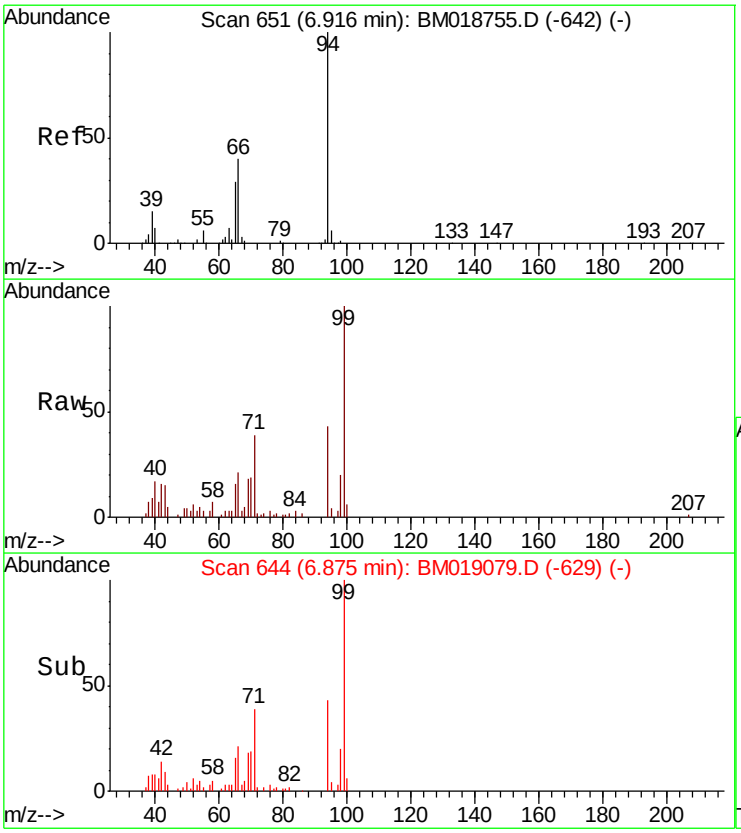

#7
Phenol-d6
Concen: 95.226 ng
RT: 6.85 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 99 Resp: 924921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.7 | 11.0 | 16.6 |
| 71 | 37.8 | 31.3 | 46.9 |

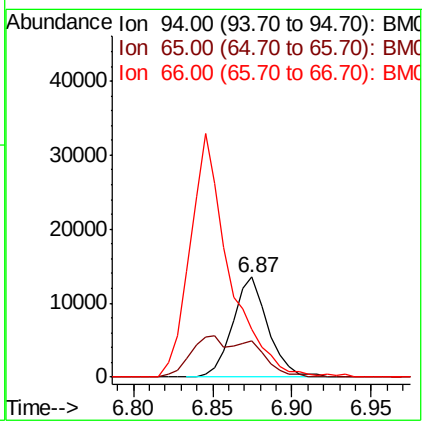


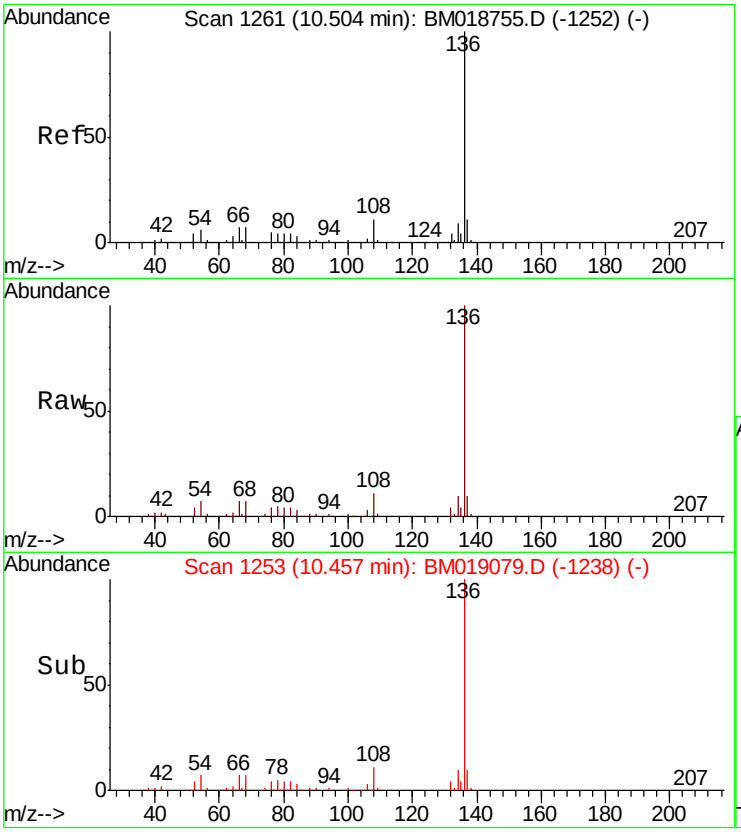




#10
Phenol
Concen: 2.033 ng
RT: 6.87 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion: 94 Resp: 20782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.0 | 9.6 | 49.6 |
| 66 | 48.1 | 20.4 | 60.4 |



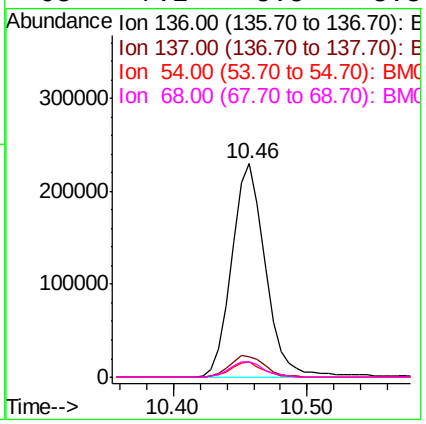


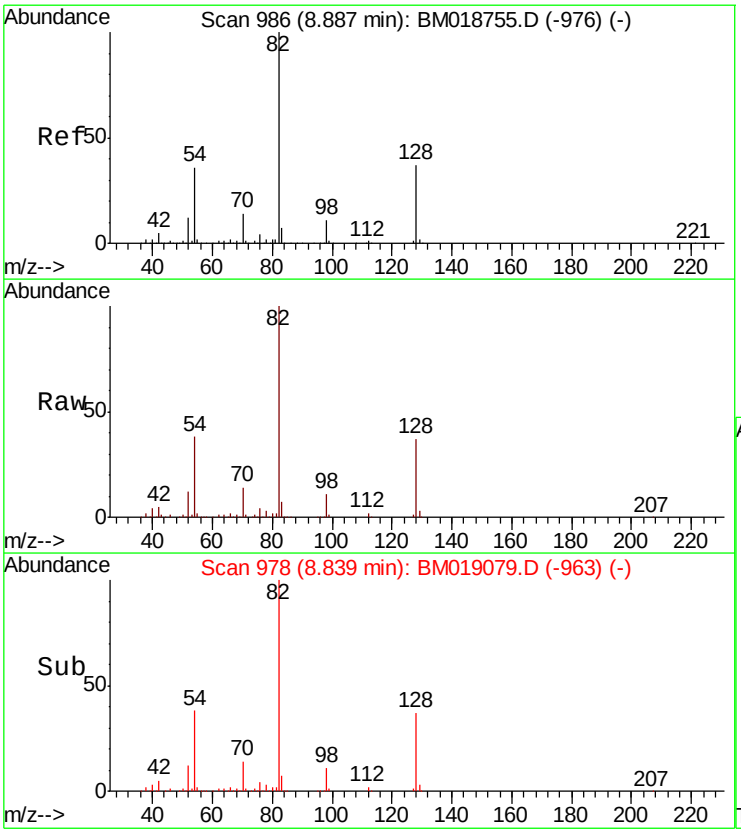

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:136 Resp: 403359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.8 | 8.8 | 13.2 |
| 54 | 7.0 | 5.0 | 7.6 |
| 68 | 7.2 | 5.5 | 8.3 |

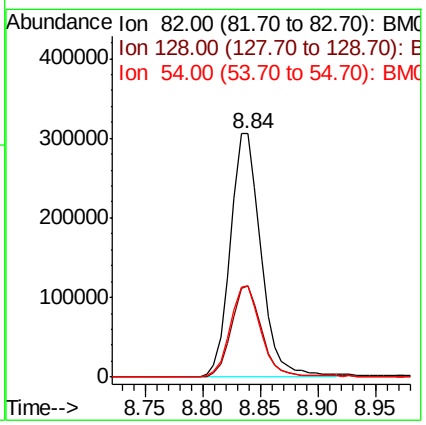


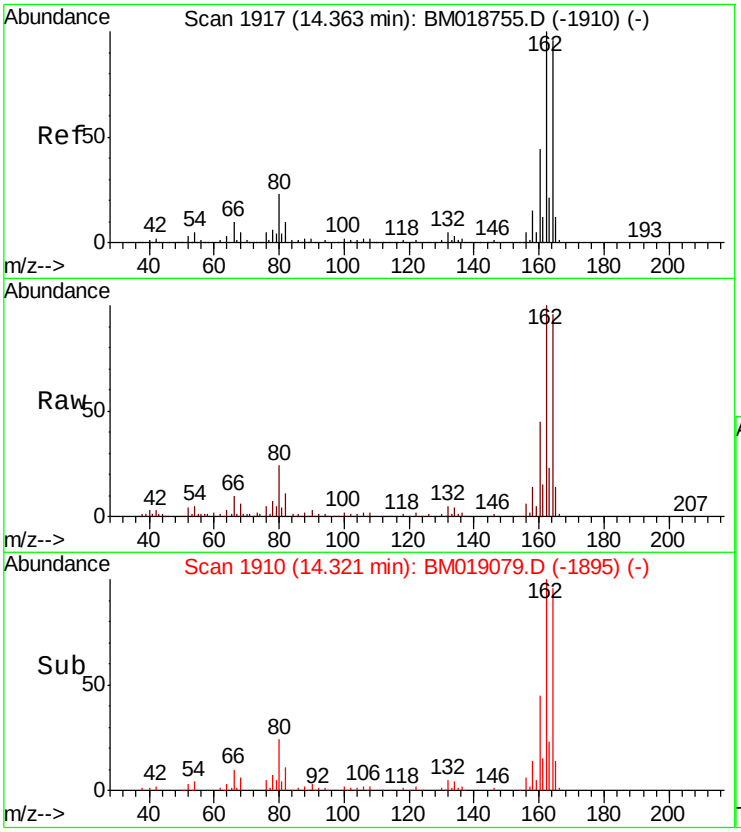




#23
Nitrobenzene-d5
Concen: 64.775 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion: 82 Resp: 565057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.5 | 29.9 | 44.9 |
| 54 | 37.7 | 29.1 | 43.7 |



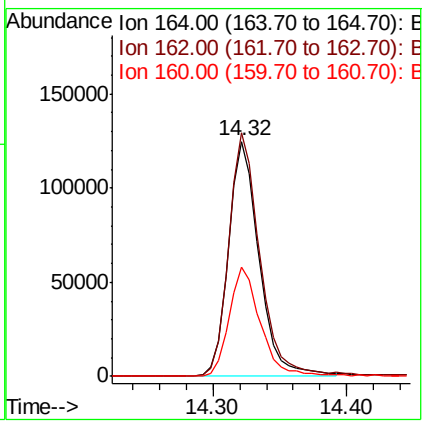


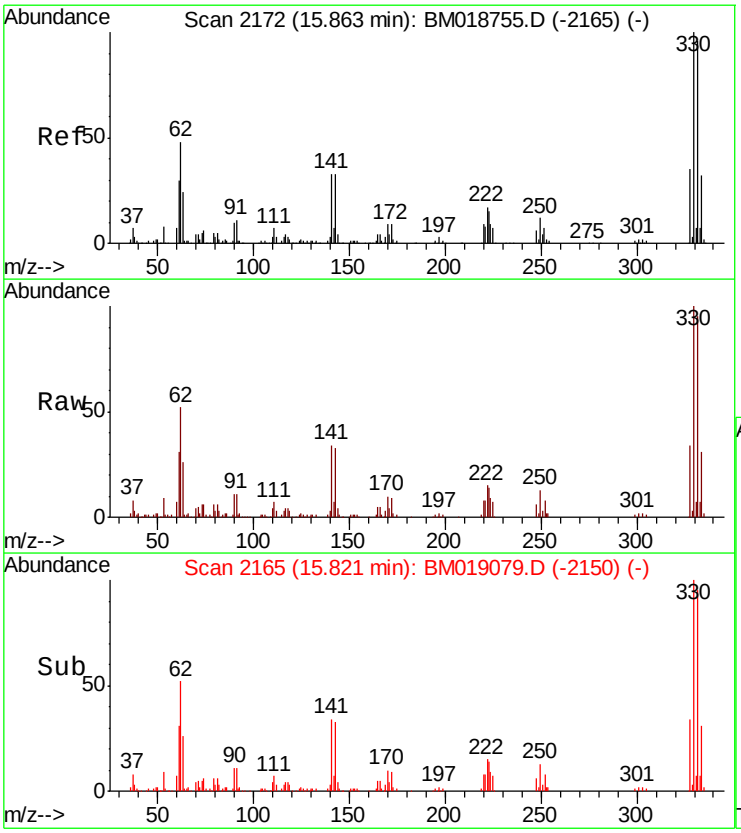

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:164 Resp: 199603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 83.4 | 125.0 |
| 160 | 46.6 | 36.6 | 55.0 |

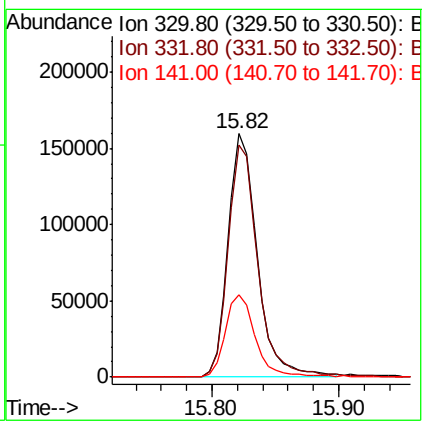


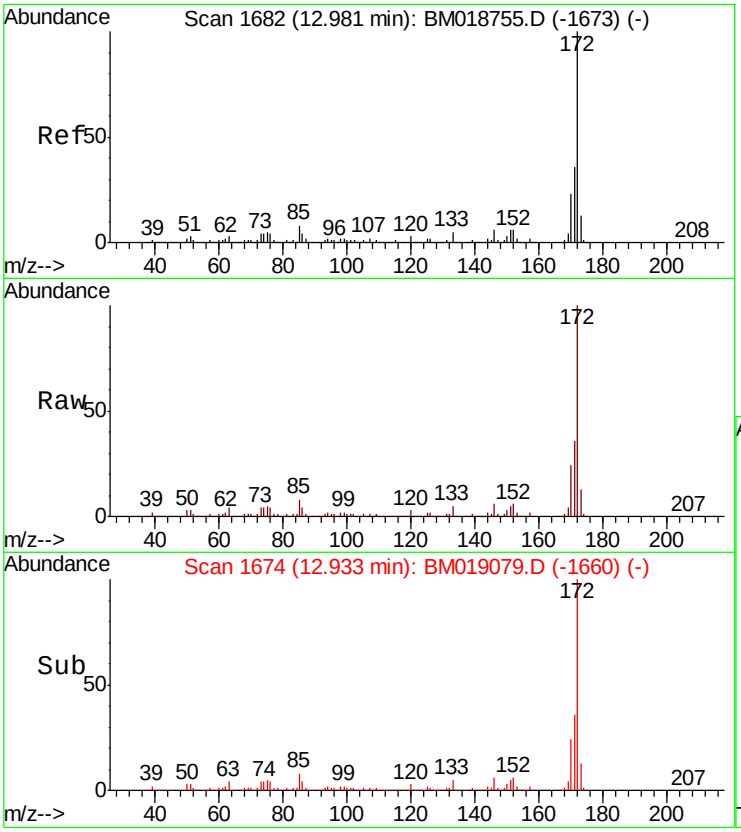




#42
2,4,6-Tribromophenol
Concen: 88.316 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:330 Resp: 254106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.9 | 115.3 |
| 141 | 34.6 | 28.7 | 43.1 |



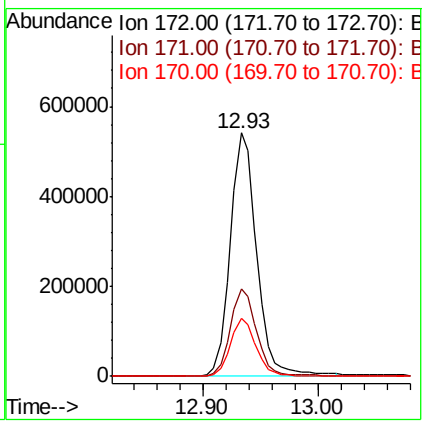


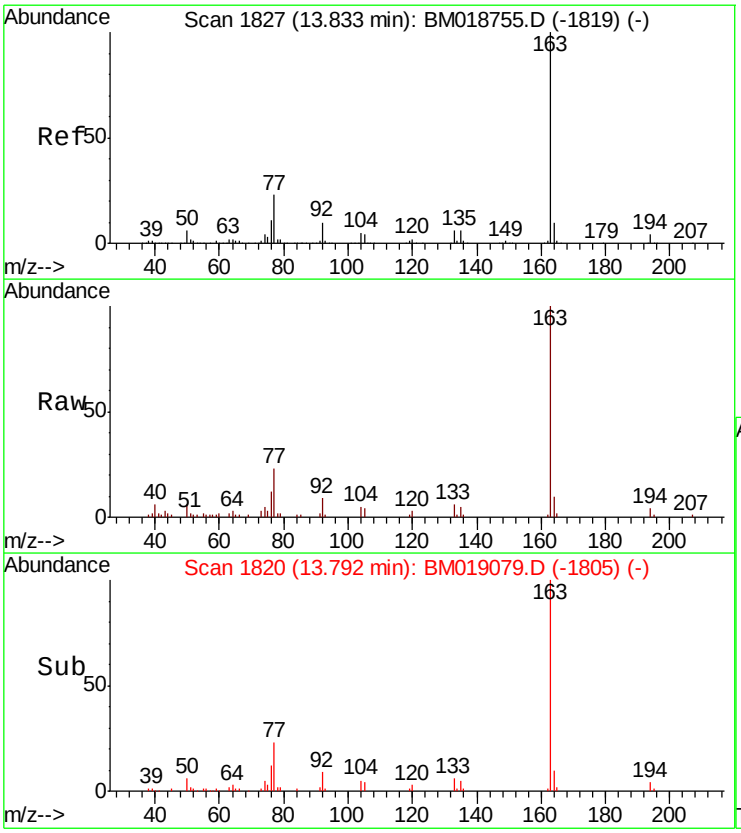

#45
2-Fluorobiphenyl
Concen: 57.243 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:172 Resp: 860720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.6 |
| 170 | 23.7 | 18.6 | 28.0 |

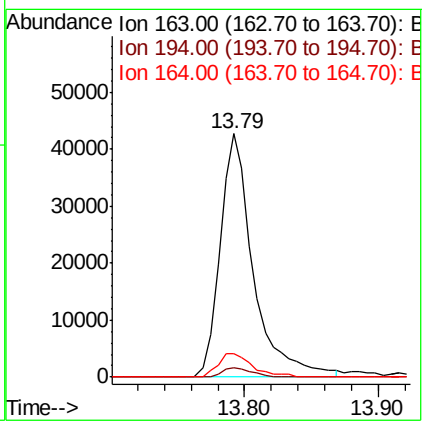


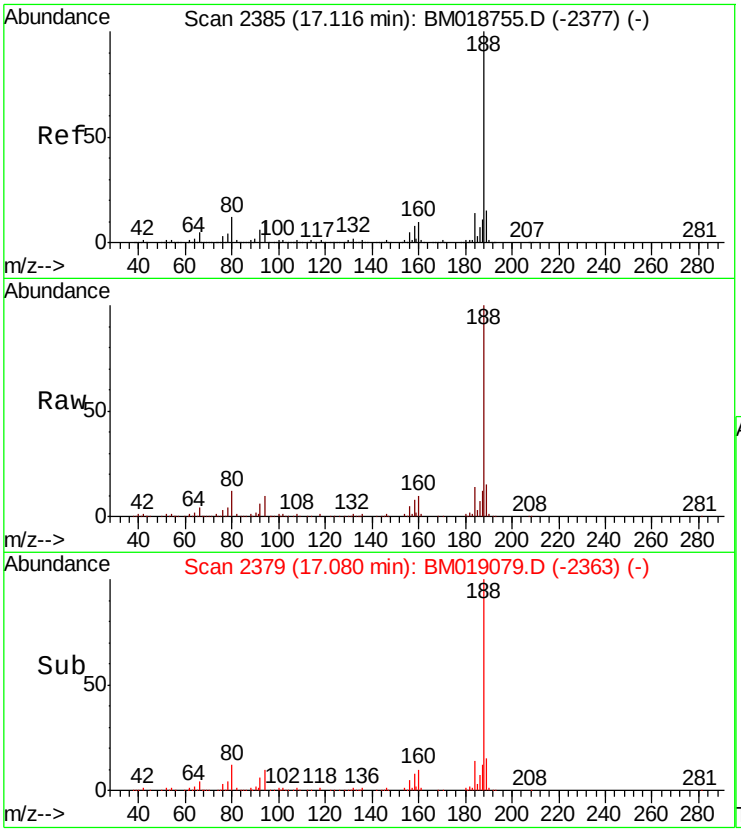




#50
Dimethylphthalate
Concen: 4.468 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:163 Resp: 74326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.2 | 4.8 |
| 164 | 9.6 | 7.8 | 11.8 |



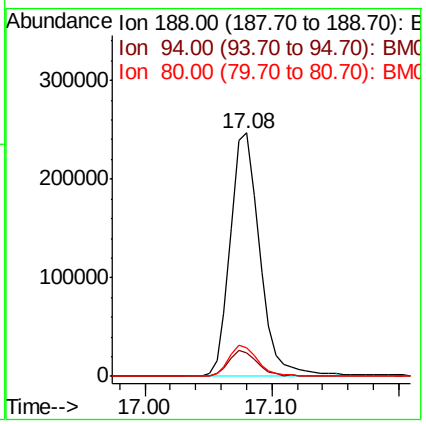


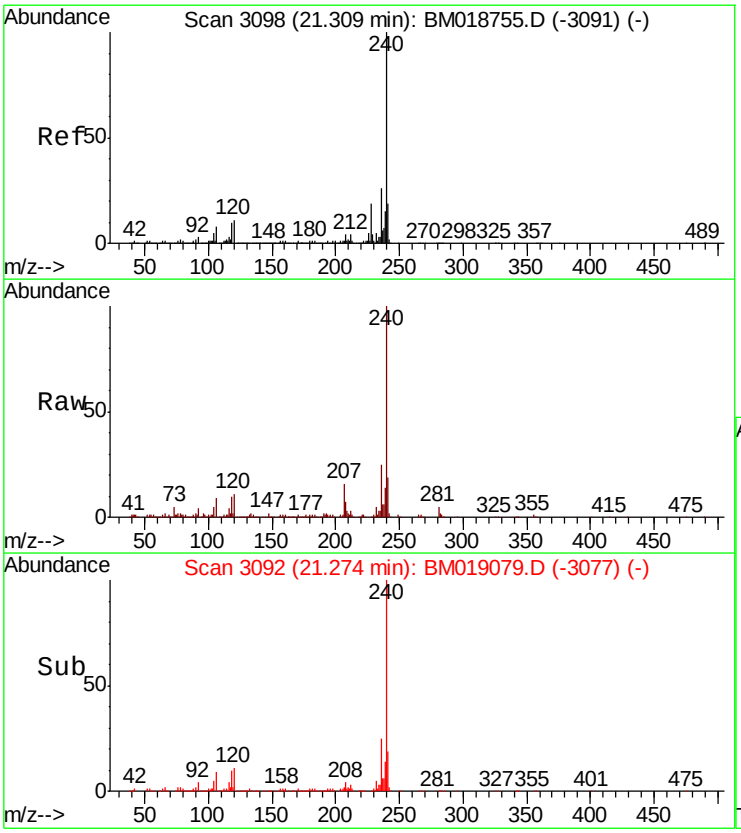

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:188 Resp: 399335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 8.2 | 12.2 |
| 80 | 12.0 | 9.7 | 14.5 |

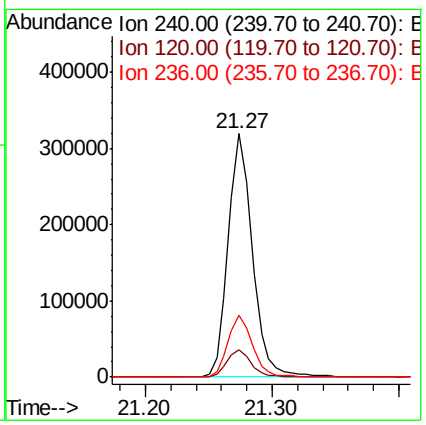


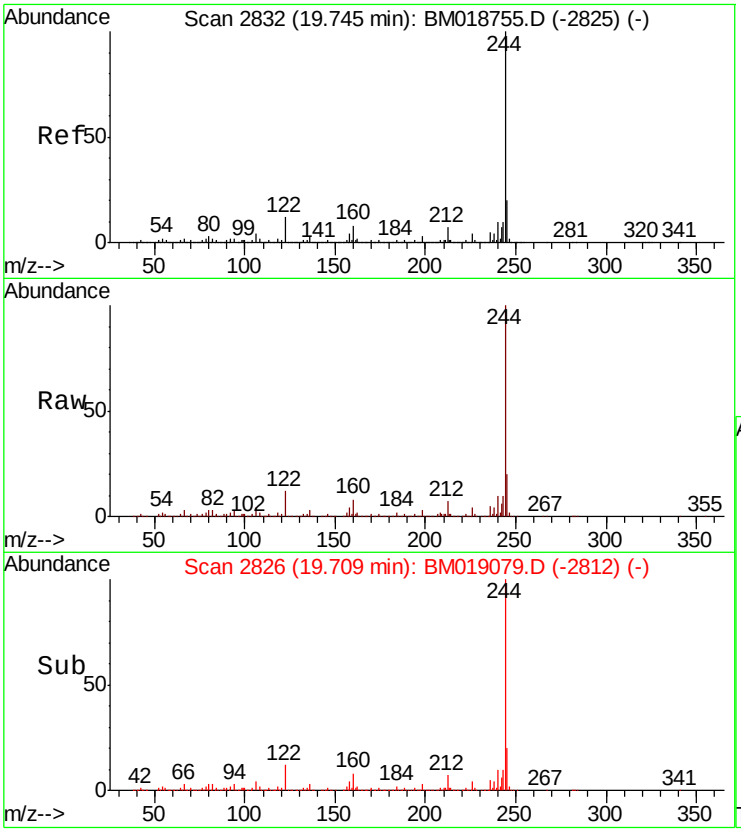




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:240 Resp: 423812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 25.3 | 20.9 | 31.3 |



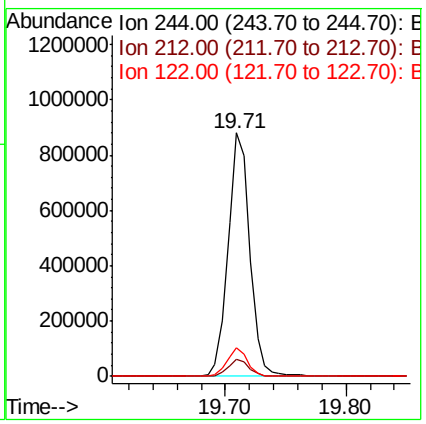


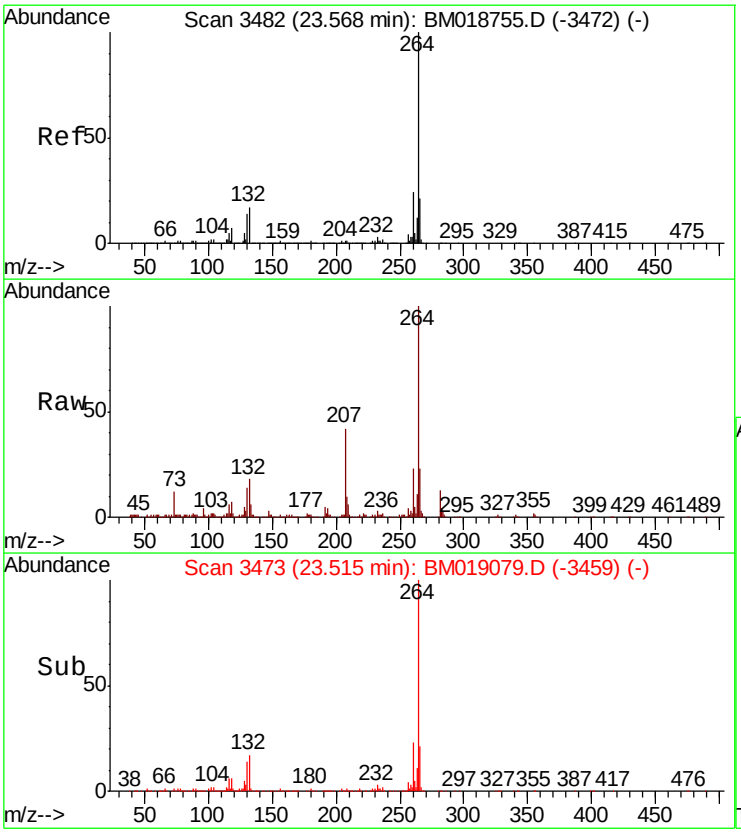

#79
Terphenyl-d14
Concen: 53.837 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:244 Resp: 1106050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.6 | 8.4 |
| 122 | 11.7 | 9.3 | 13.9 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:264 Resp: 521222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 18.9 | 28.3 |
| 265 | 22.6 | 17.3 | 25.9 |