Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110658.D
Acq On : 10 Nov 2018 5:47
Operator : JU/SJ
Sample : J5881-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 110718-JETT-E-U-M

Quant Time: Nov 11 04:20:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.95 | 152 | 64496 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.23 | 136 | 270366 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.99 | 164 | 112458 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.48 | 188 | 178377 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 128681 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.66 | 264 | 95066 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 167585 | 42.21 | ng | 0.00 |
| 7) Phenol-d6 | 6.56 | 99 | 124130 | 24.45 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.51 | 82 | 444817 | 94.75 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 85455 | 75.41 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.30 | 172 | 813571 | 103.32 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.06 | 244 | 504654 | 73.45 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.58 | 94 | 18501 | 3.142 | ng | # 69 |
| 50) Dimethylphthalate | 9.69 | 163 | 28275 | 3.370 | ng | # 96 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110658.D
Acq On : 10 Nov 2018 5:47
Operator : JU/SJ
Sample : J5881-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Quant Time: Nov 11 04:20:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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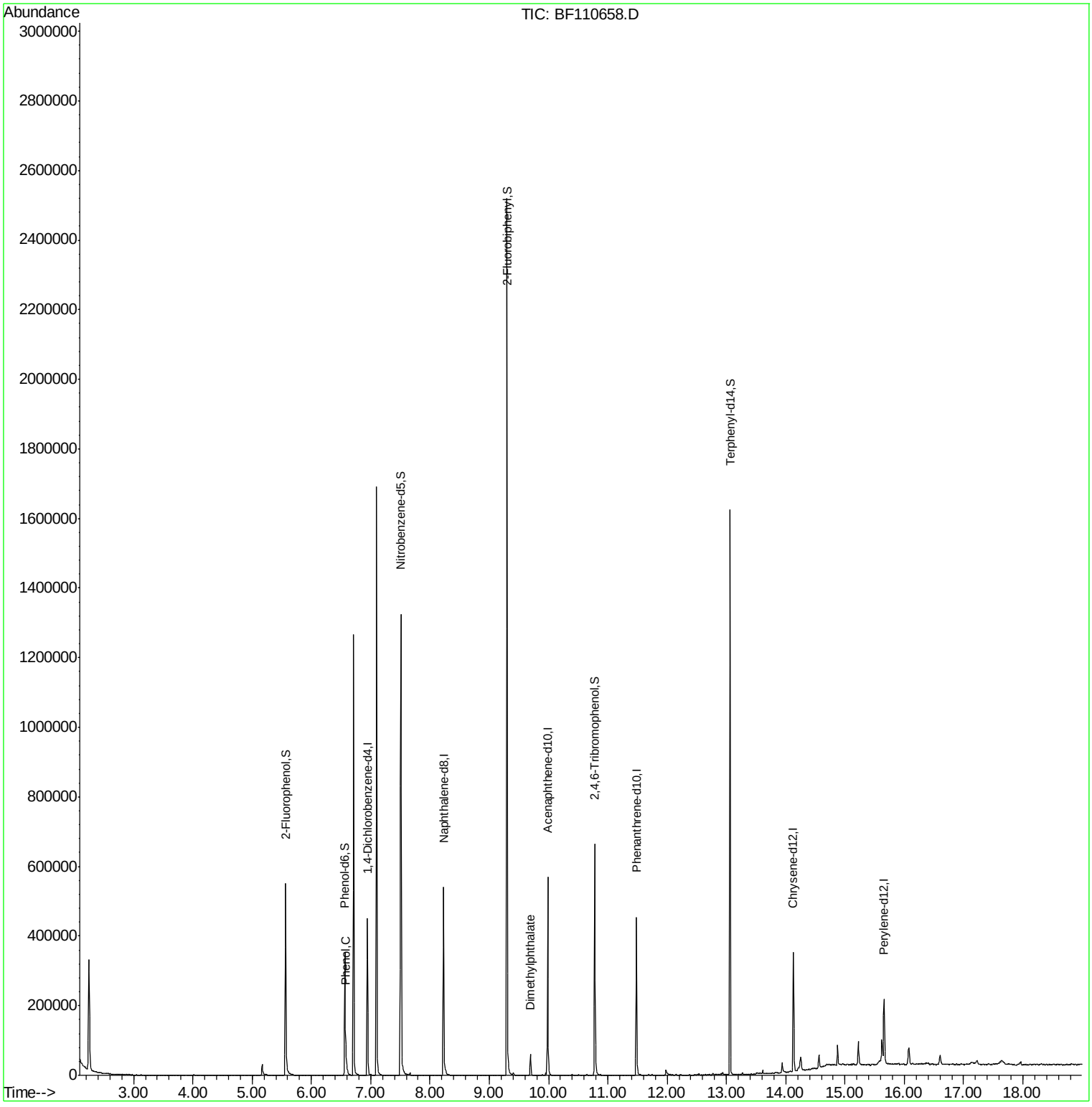
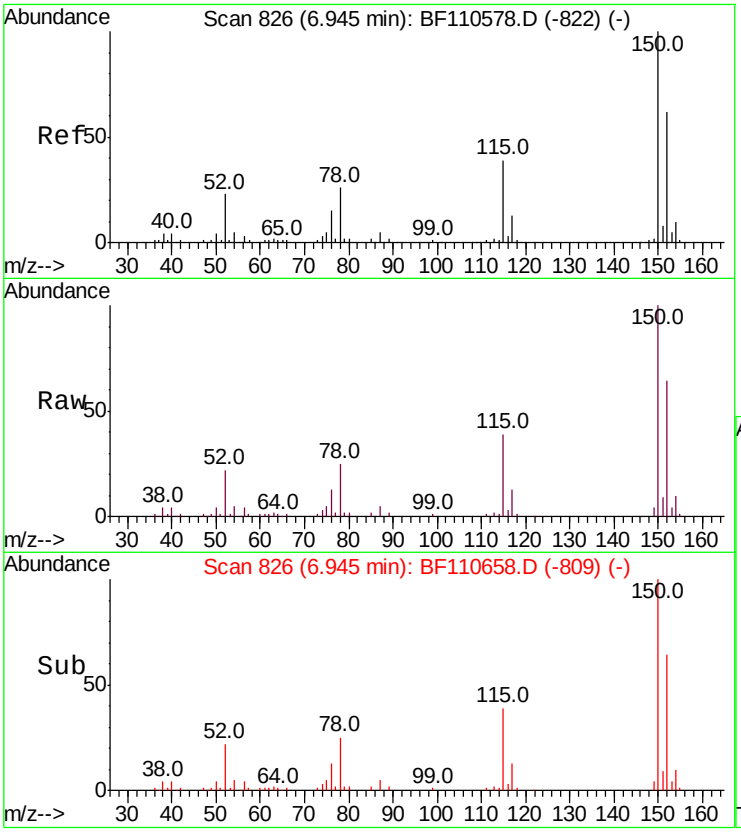


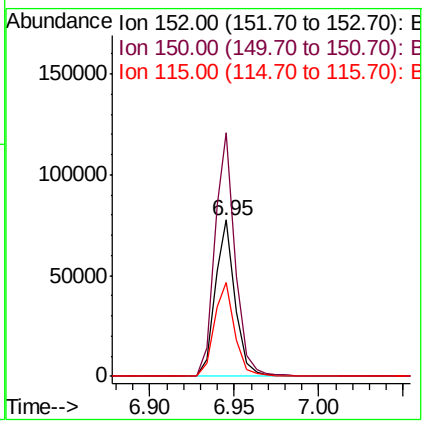


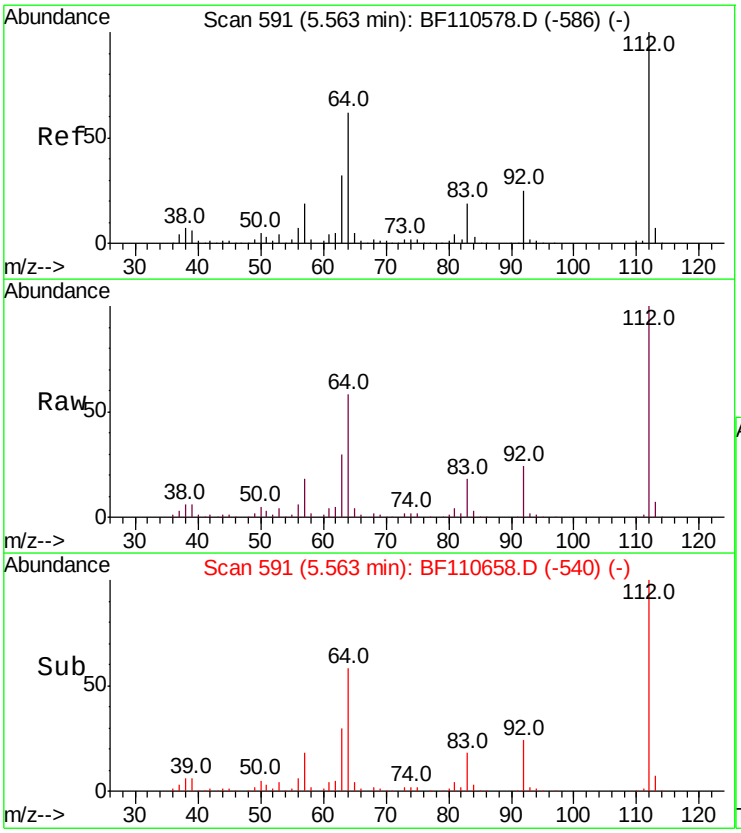

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:152 Resp: 64496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 122.7 | 184.1 |
| 115 | 60.2 | 49.1 | 73.7 |

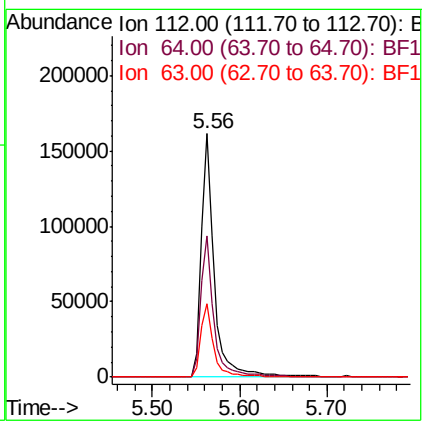


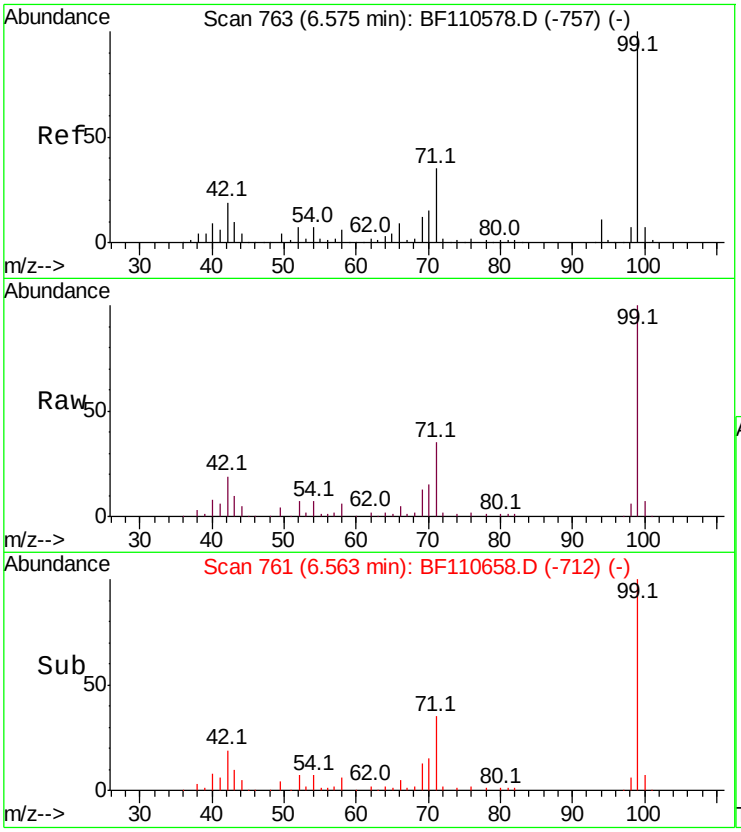




#5
2-Fluorophenol
Concen: 42.206 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:112 Resp: 167585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.8 | 44.1 | 66.1 |
| 63 | 30.2 | 23.7 | 35.5 |



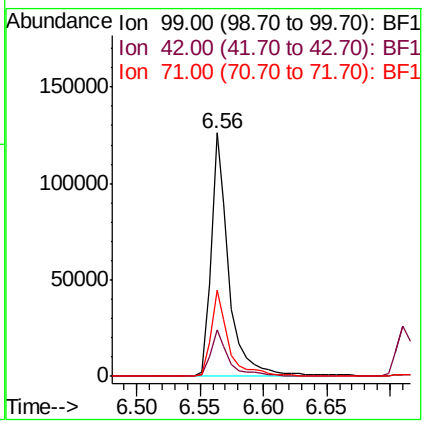


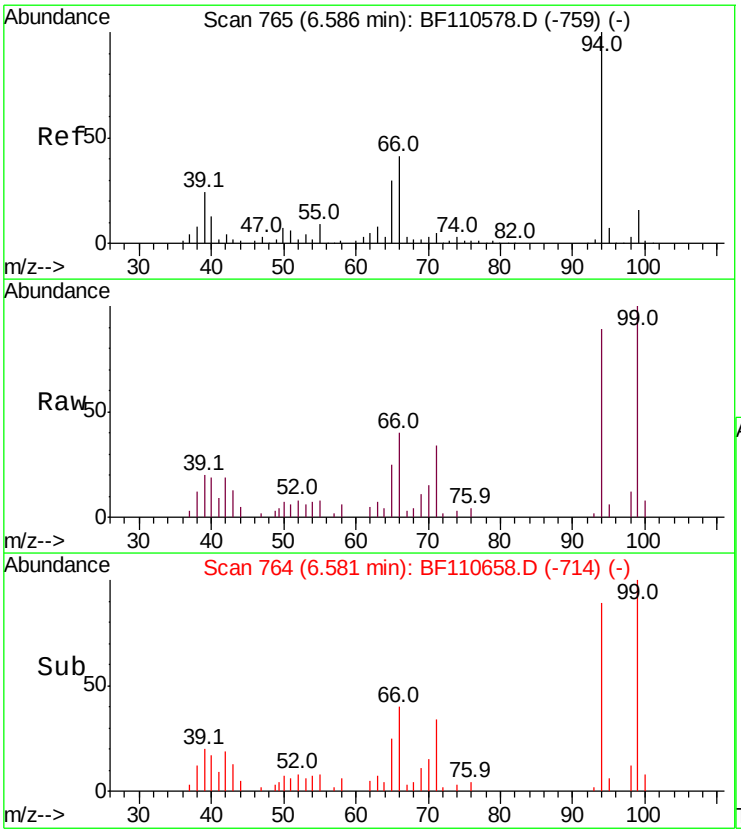

#7
Phenol-d6
Concen: 24.447 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion: 99 Resp: 124130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 15.8 | 23.6 |
| 71 | 35.2 | 28.0 | 42.0 |

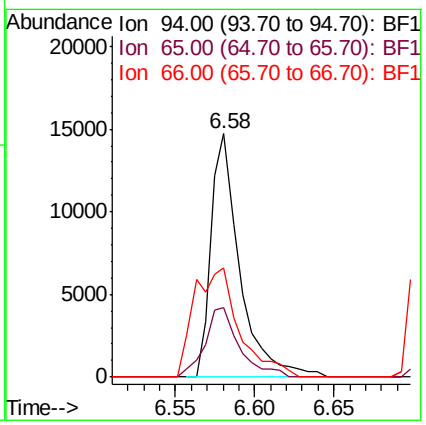


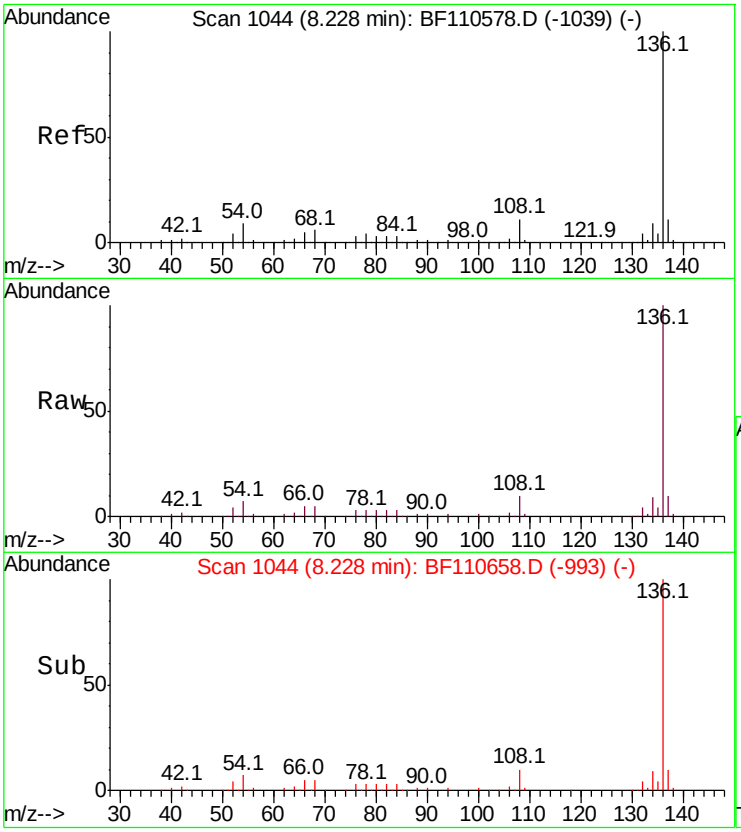




#10
Phenol
Concen: 3.142 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion: 94 Resp: 18501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.5 | 25.3 | 65.3 |
| 66 | 44.9 | 54.5 | 94.5# |



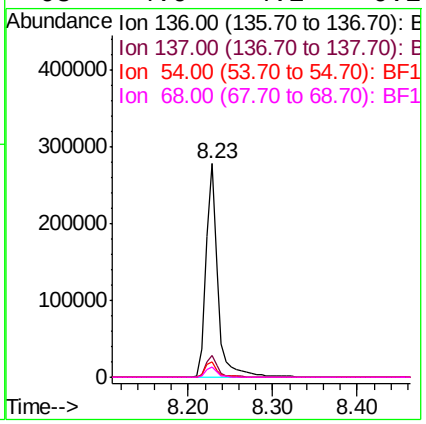


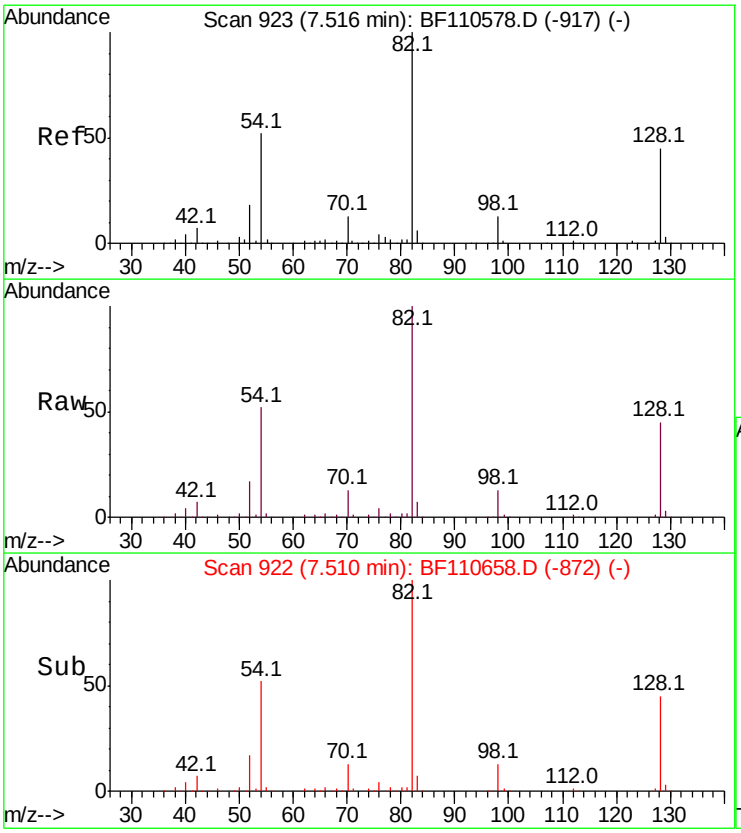

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:136 Resp: 270366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.2 | 8.8 | 13.2 |
| 54 | 7.3 | 5.4 | 8.2 |
| 68 | 4.9 | 4.2 | 6.2 |

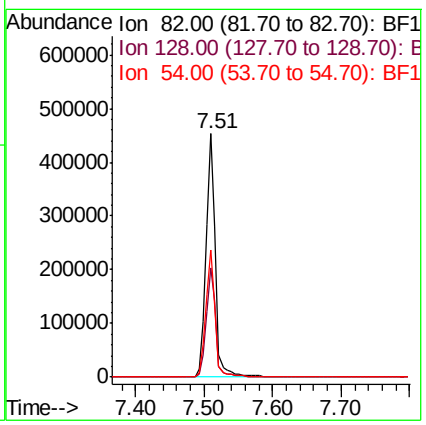


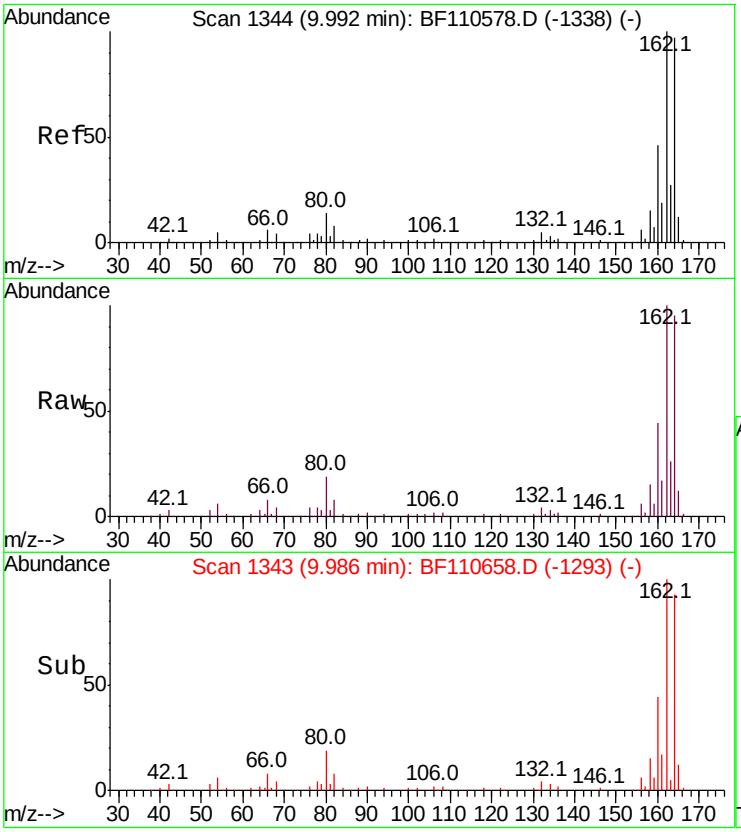




#23
Nitrobenzene-d5
Concen: 94.749 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion: 82 Resp: 444817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 34.2 | 51.2 |
| 54 | 52.3 | 38.6 | 58.0 |



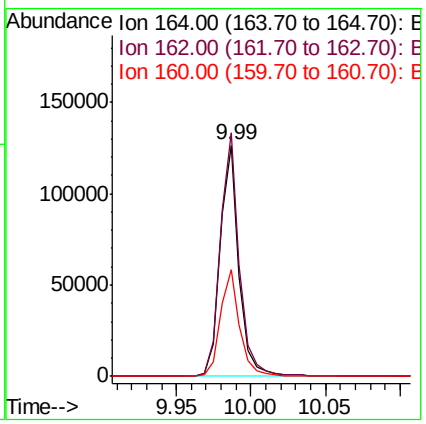


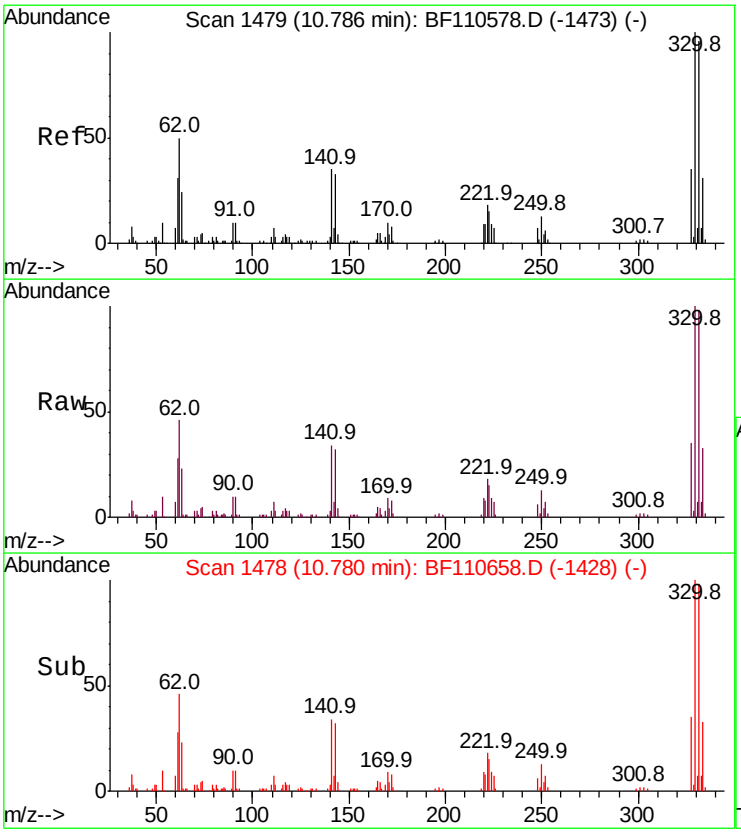

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:164 Resp: 112458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 83.0 | 124.6 |
| 160 | 46.2 | 37.0 | 55.6 |

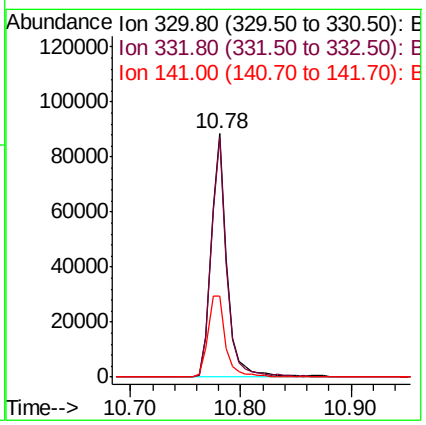


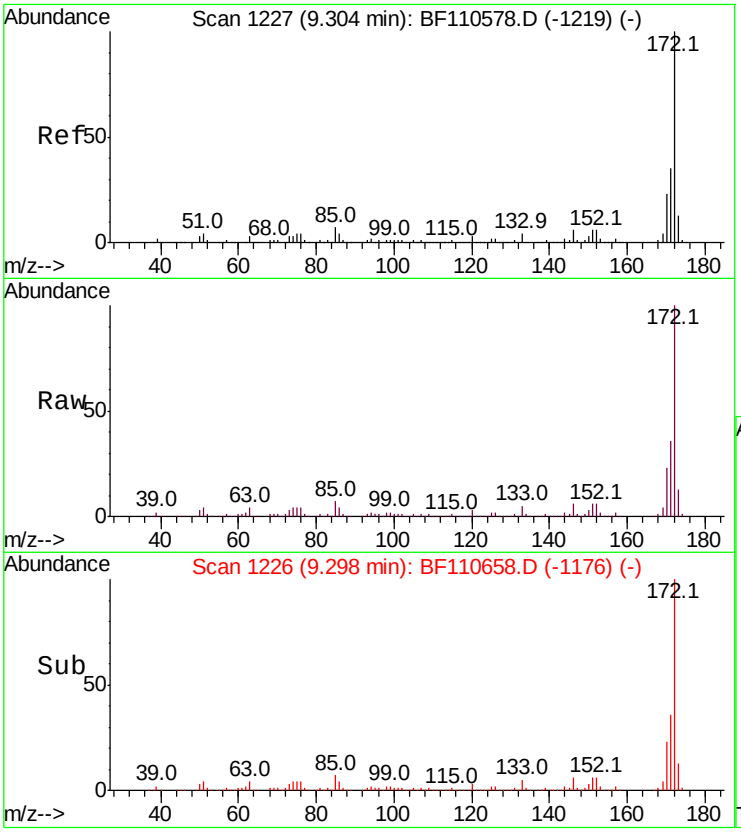




#42
2,4,6-Tribromophenol
Concen: 75.413 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:330 Resp: 85455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.1 | 115.7 |
| 141 | 37.1 | 27.0 | 40.4 |



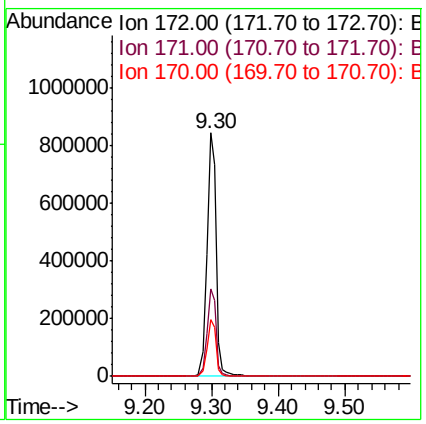


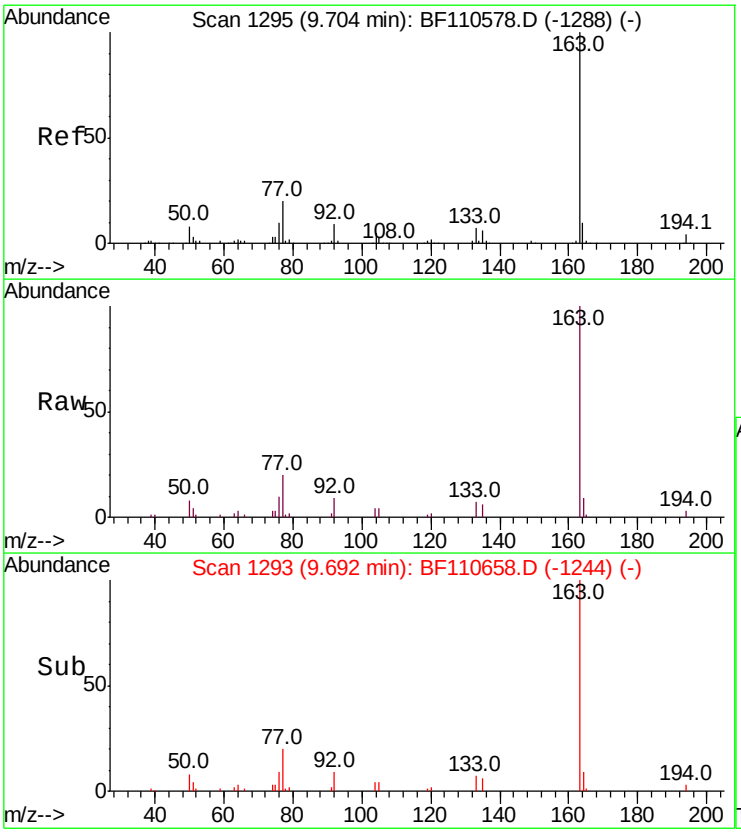

#45
2-Fluorobiphenyl
Concen: 103.321 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:172 Resp: 813571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.6 | 43.0 |
| 170 | 23.2 | 19.7 | 29.5 |

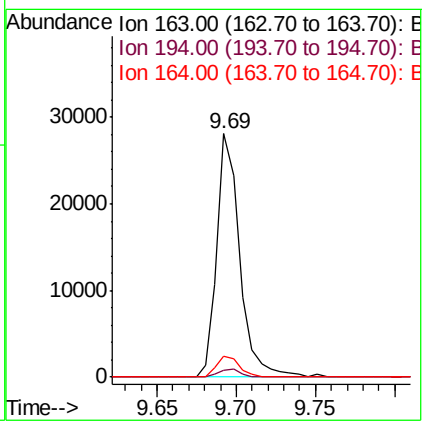


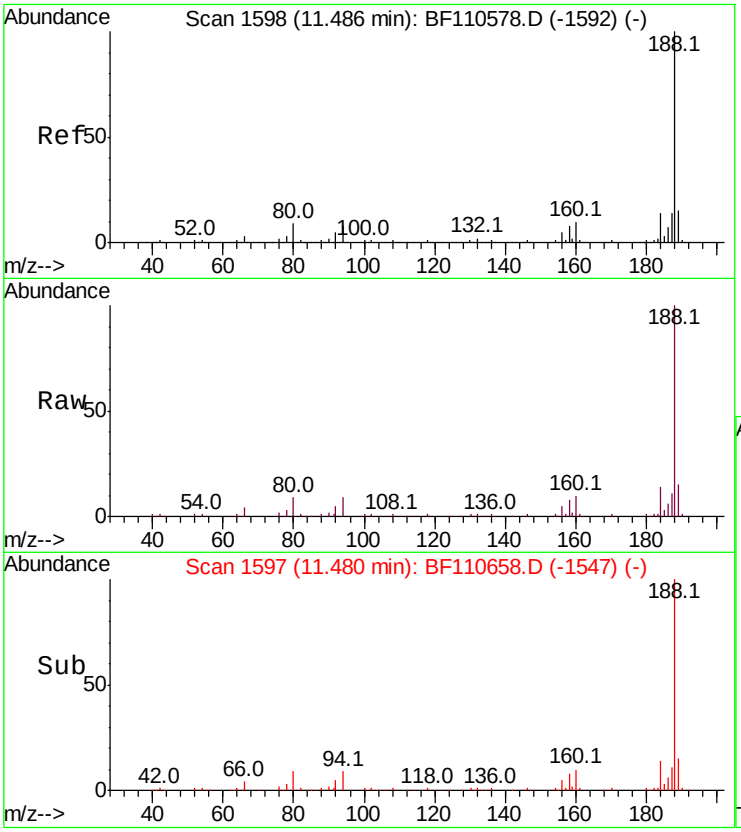




#50
Dimethylphthalate
Concen: 3.370 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:163 Resp: 28275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 3.2 | 4.8# |
| 164 | 8.6 | 8.1 | 12.1 |



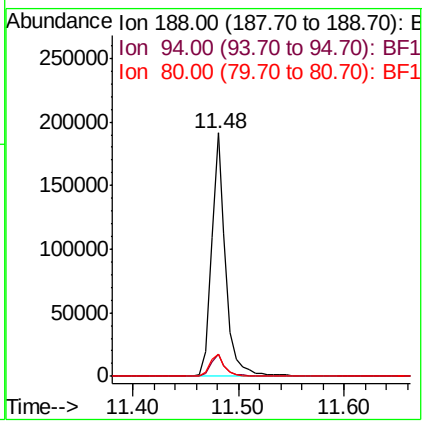


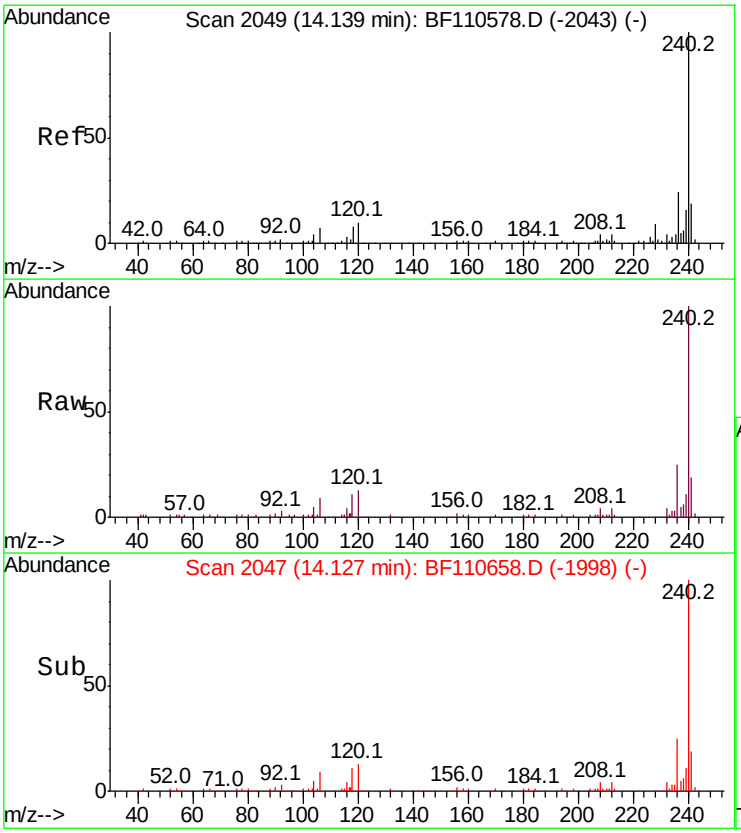

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:188 Resp: 178377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.2 | 10.8 |
| 80 | 9.2 | 7.9 | 11.9 |

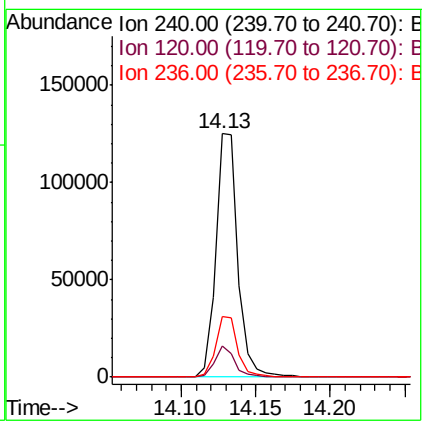


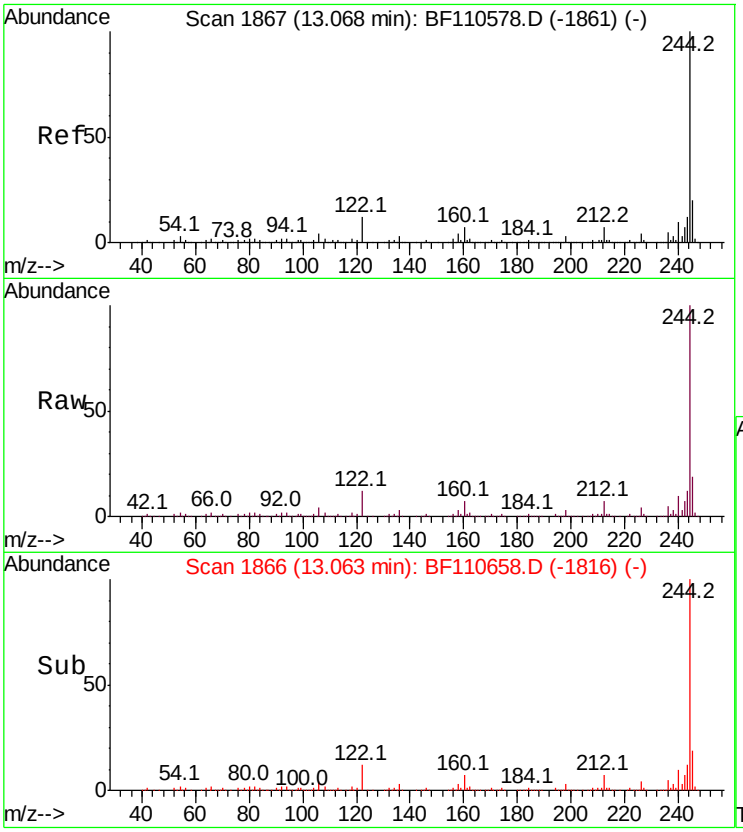




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:240 Resp: 128681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.6 | 8.3 | 12.5# |
| 236 | 25.1 | 21.2 | 31.8 |



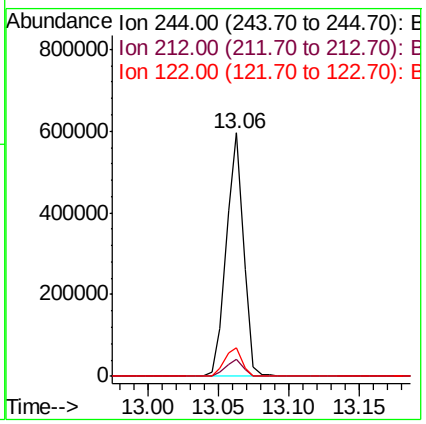


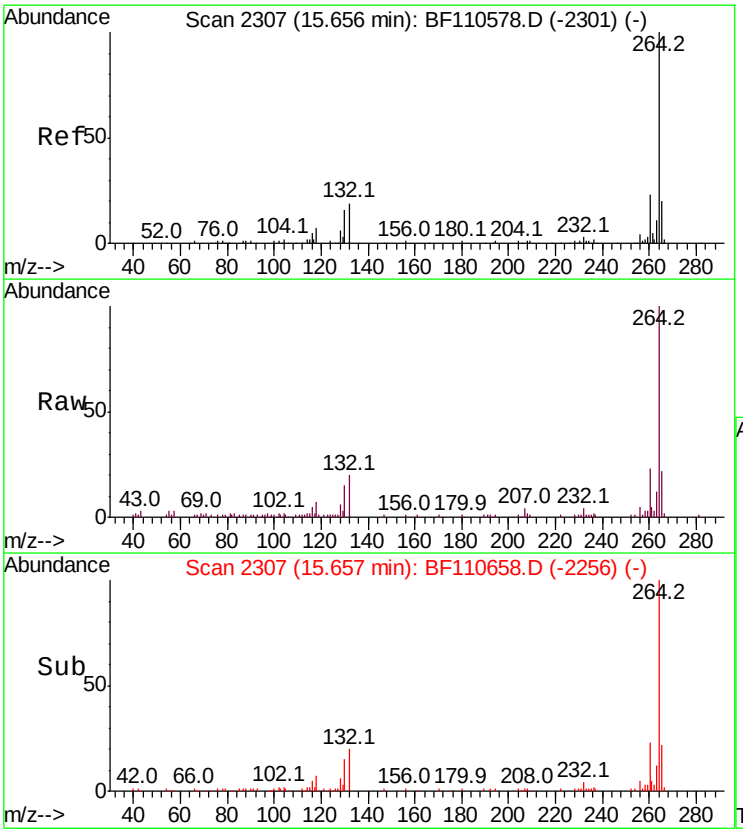

#79
Terphenyl-d14
Concen: 73.445 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

**Instrument :**
BNA_F
**ClientSampleId :**
110718-JETT-E-U-M

Tgt Ion:244 Resp: 504654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.8 | 8.8 |
| 122 | 11.5 | 8.7 | 13.1 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:264 Resp: 95066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.7 | 28.1 |
| 265 | 22.3 | 16.7 | 25.1 |