Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104014.D
Acq On : 28 Mar 2018 17:11
Operator : JU/SJ
Sample : J2087-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JRS-RB201719RT-CV-2530

Quant Time: Mar 28 18:06:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 135891 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 541404 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.00 | 164 | 222533 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 282111 | 20.00 | ng | 0.01 |
| 75) Chrysene-d12 | 14.15 | 240 | 243385 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.69 | 264 | 259745 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 797801 | 93.63 | ng | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 1029000 | 98.15 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 592619 | 66.94 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 179934 | 72.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 902521 | 63.95 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.09 | 244 | 618271 | 58.65 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 9.71 | 163 | 78423 | 4.464 | ng | # 88 |
| 70) Phenanthrene | 11.53 | 178 | 30658 | 2.007 | ng | # 62 |

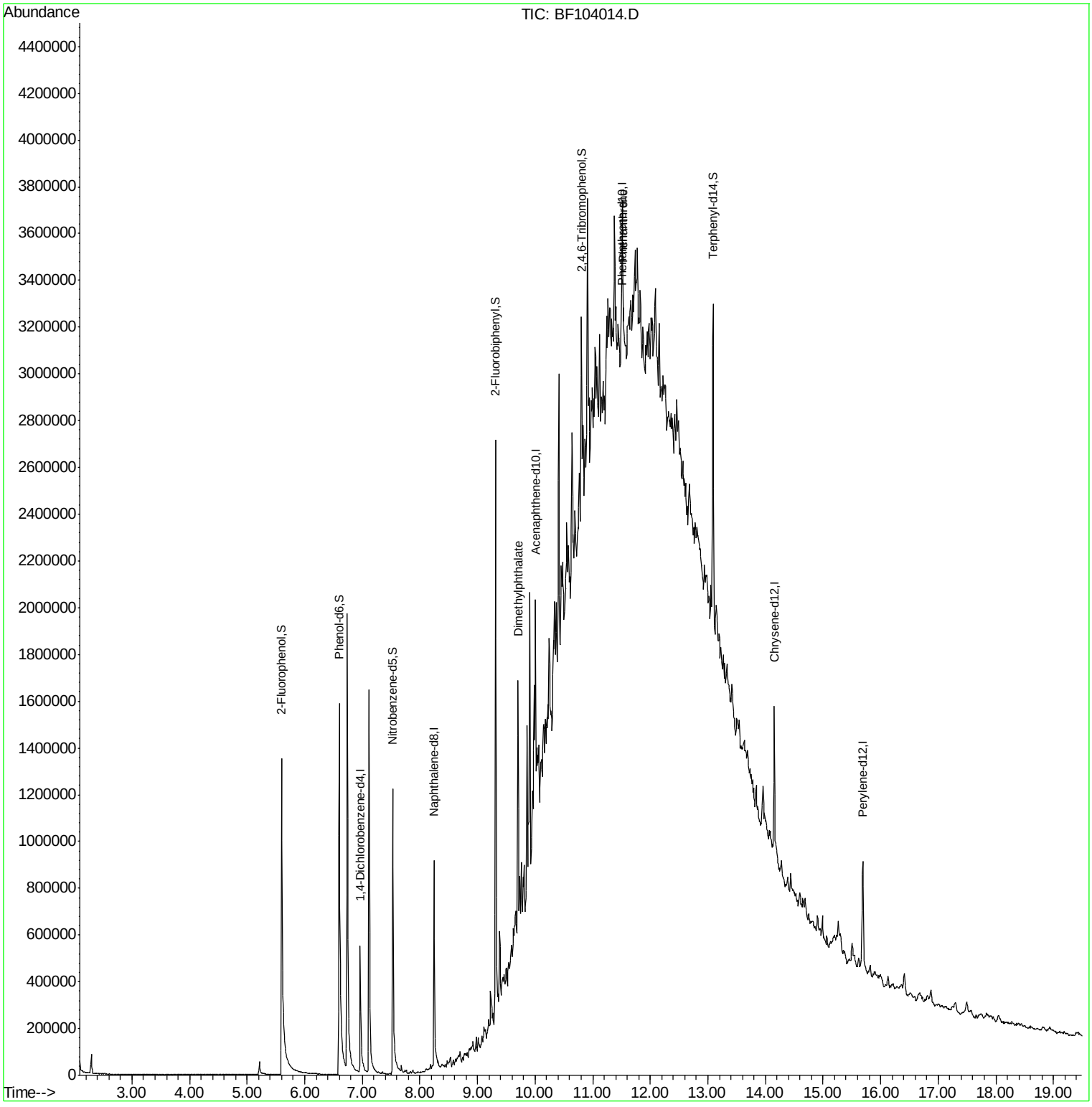
(#) = qualifier out of range (m) = manual integration (+) = signals summed

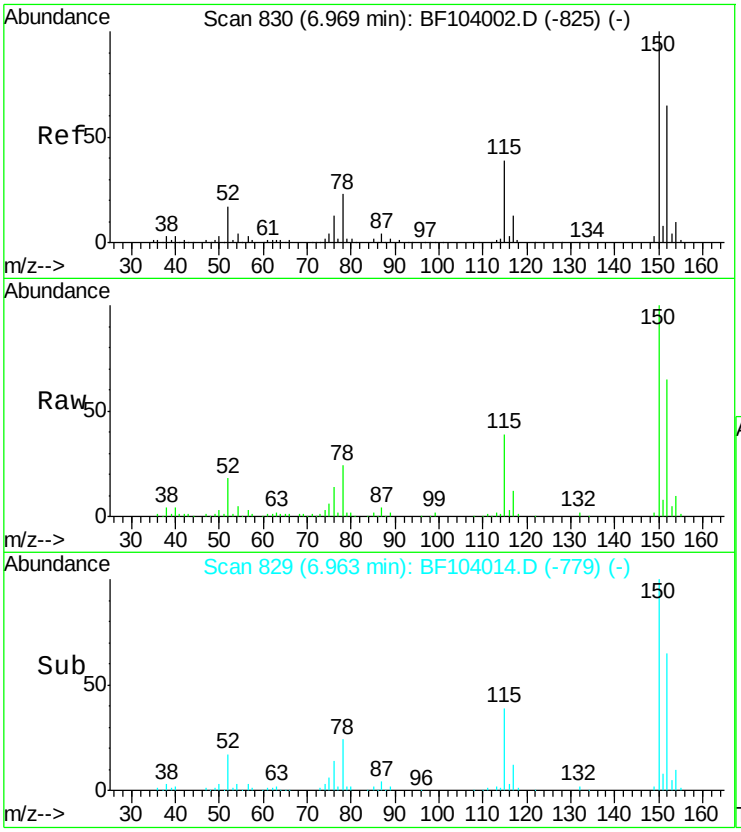
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104014.D
Acq On : 28 Mar 2018 17:11
Operator : JU/SJ
Sample : J2087-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Quant Time: Mar 28 18:06:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



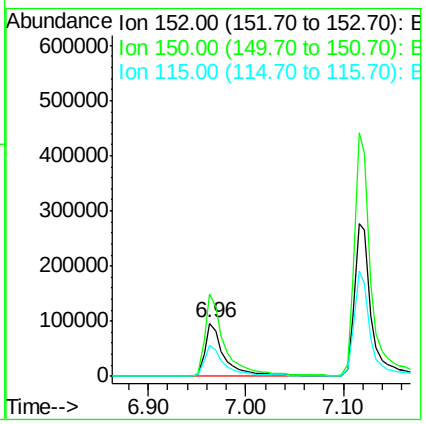


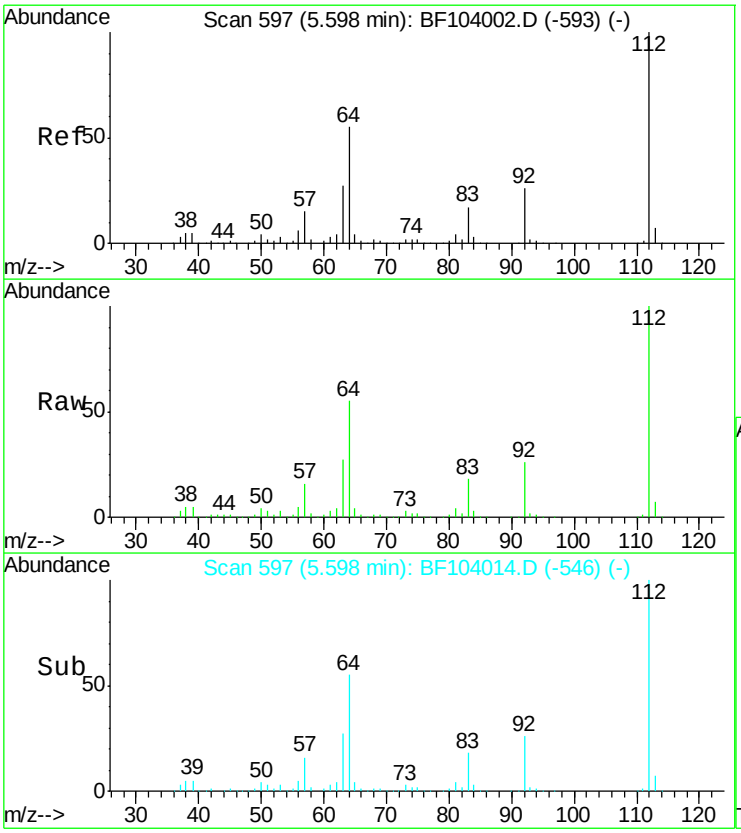

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion:152 Resp: 135891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.2 | 124.6 | 186.8 |
| 115 | 59.2 | 50.1 | 75.1 |

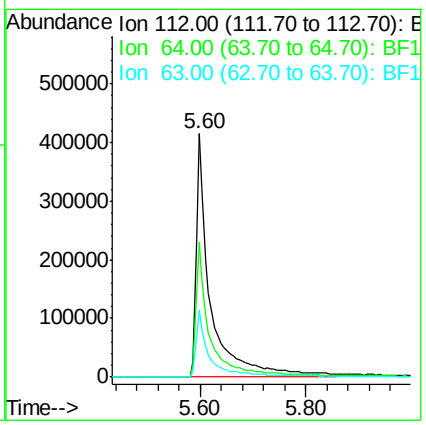


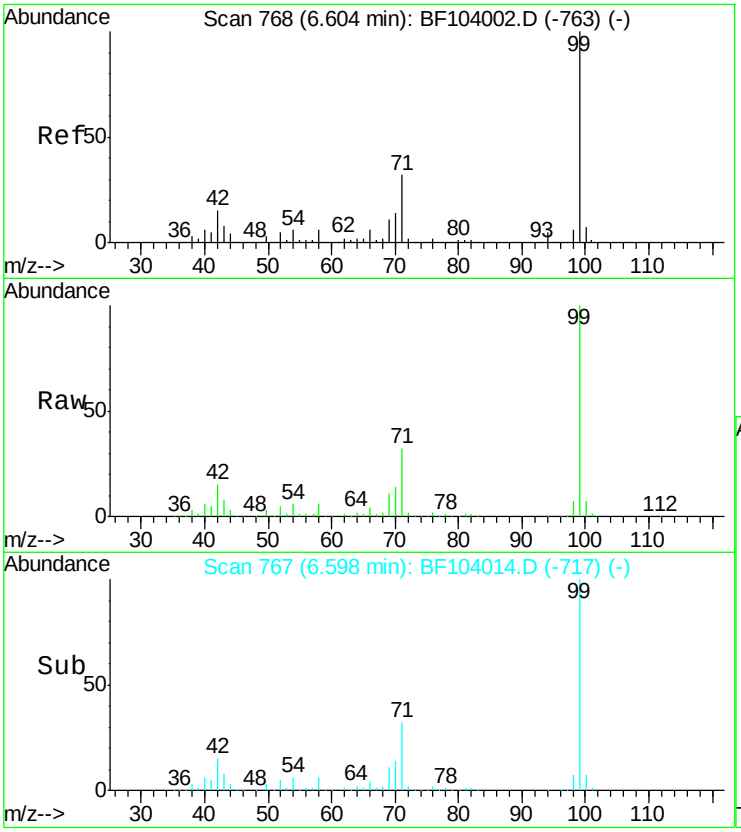




#5
2-Fluorophenol
Concen: 93.626 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:112 Resp: 797801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 47.9 | 71.9 |
| 63 | 27.4 | 23.7 | 35.5 |



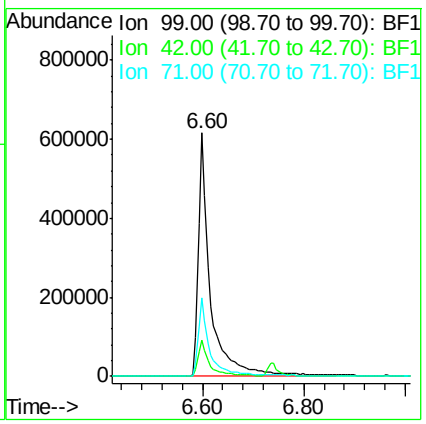


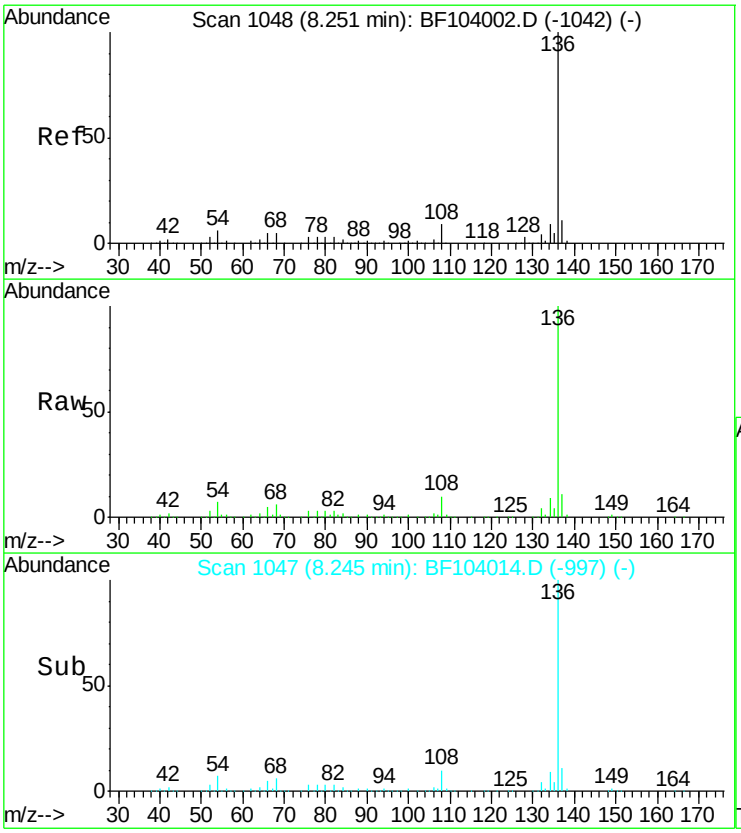

#7
Phenol-d6
Concen: 98.153 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion: 99 Resp: 1029000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 14.5 | 21.7 |
| 71 | 32.1 | 25.4 | 38.0 |

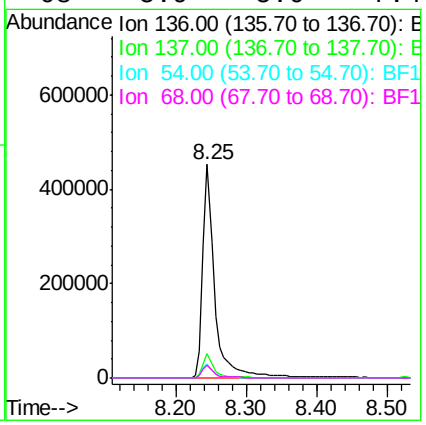


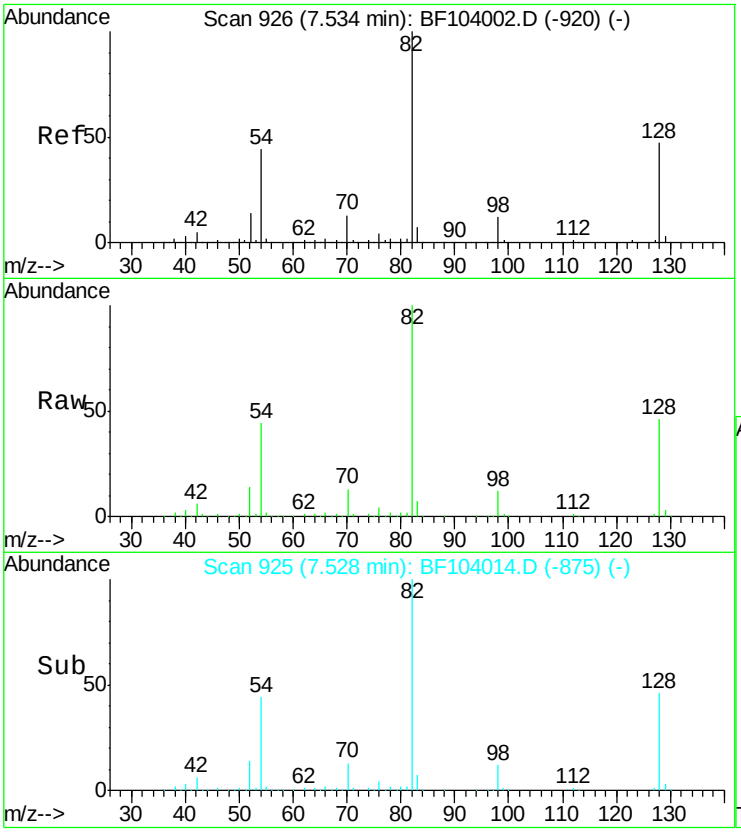




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:136 Resp: 541404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 6.7 | 6.6 | 9.8 |
| 68 | 5.9 | 5.0 | 7.4 |



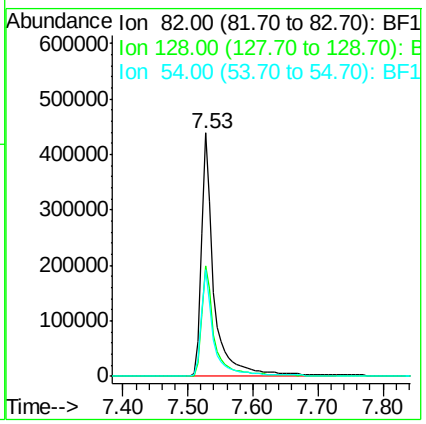


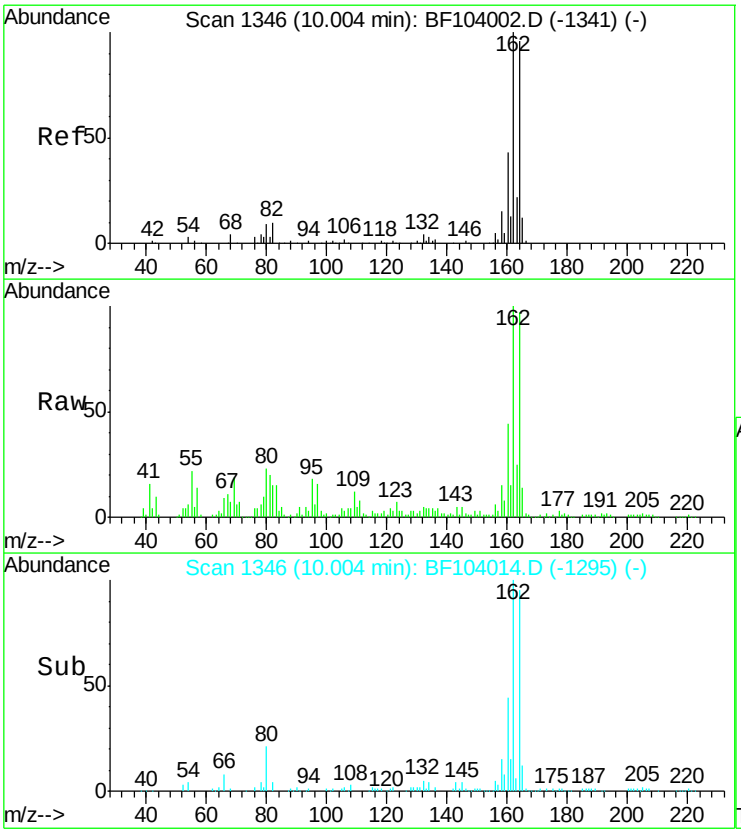

#23
Nitrobenzene-d5
Concen: 66.941 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion: 82 Resp: 592619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.6 | 36.1 | 54.1 |
| 54 | 43.7 | 41.4 | 62.2 |

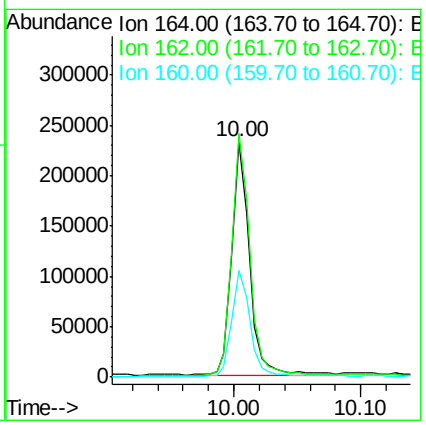


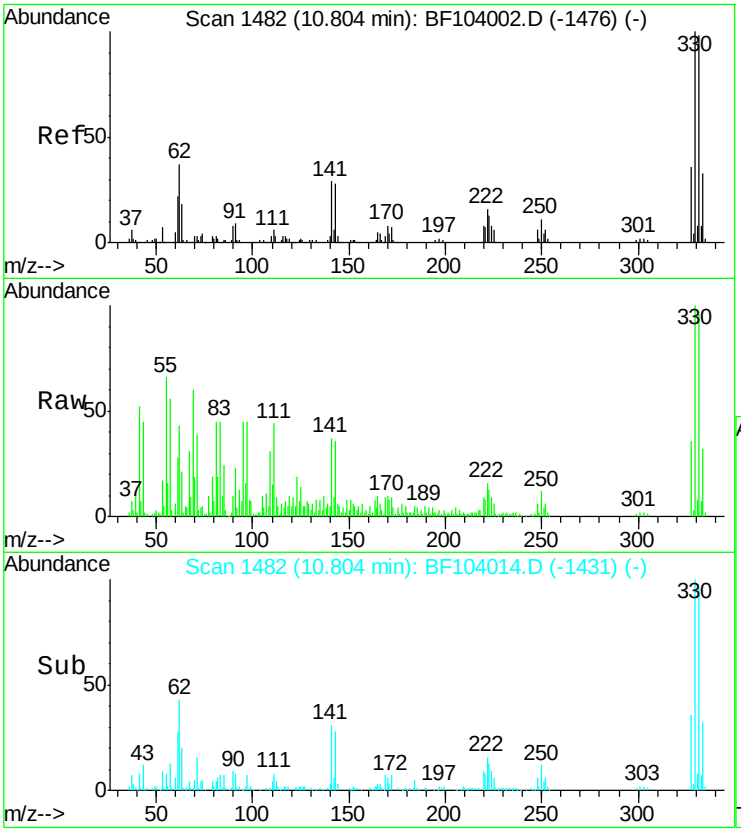




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:164 Resp: 222533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 86.1 | 129.1 |
| 160 | 45.5 | 38.3 | 57.5 |



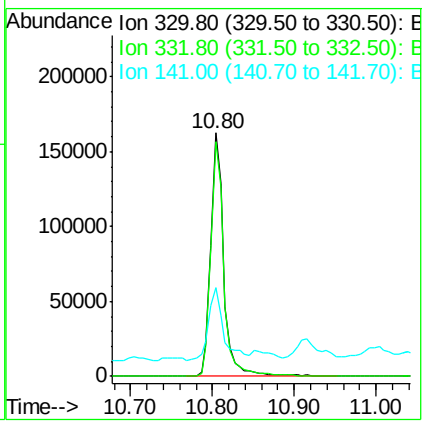


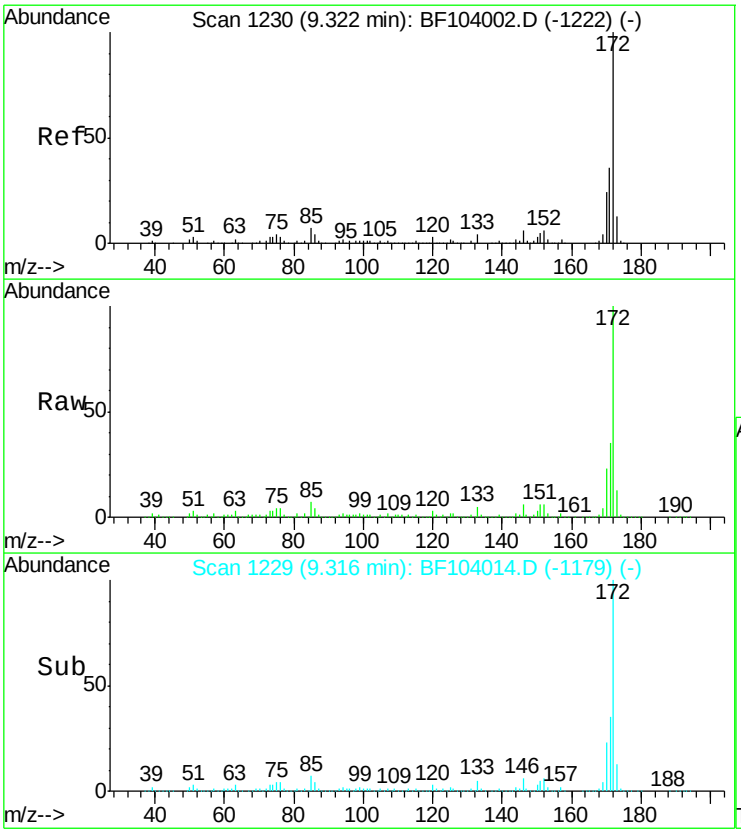

#41
2,4,6-Tribromophenol
Concen: 72.615 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion:330 Resp: 179934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.0 | 115.6 |
| 141 | 34.6 | 29.9 | 44.9 |

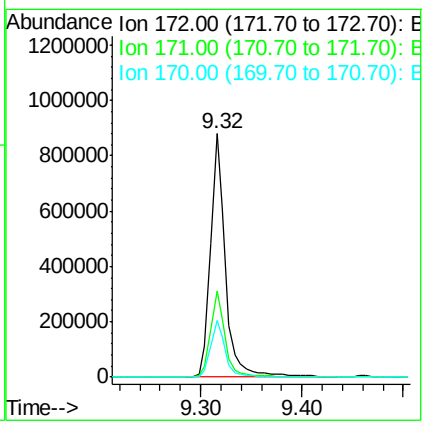


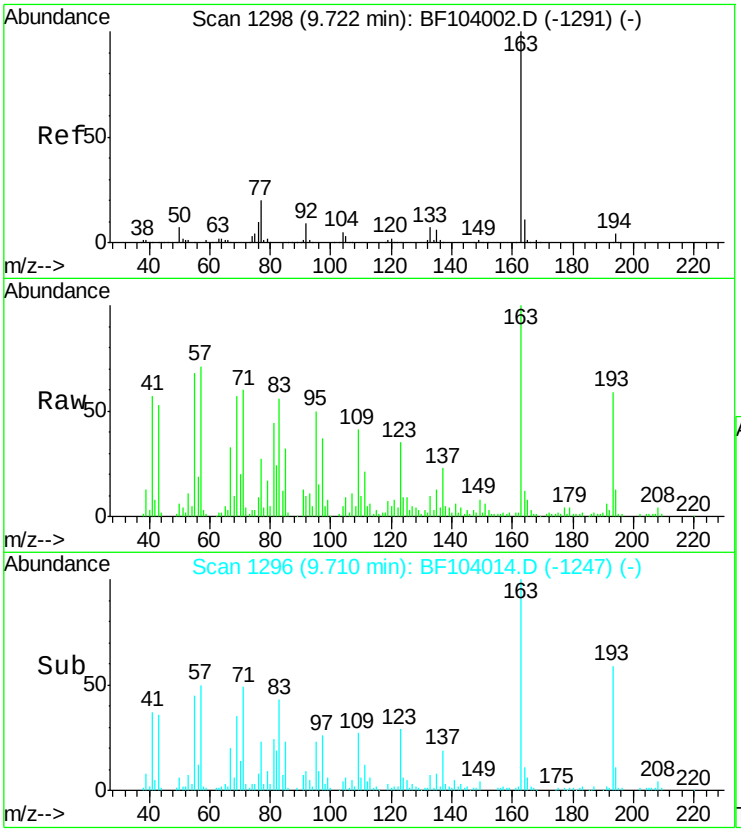




#44
2-Fluorobiphenyl
Concen: 63.955 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:172 Resp: 902521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 29.7 | 44.5 |
| 170 | 23.1 | 19.6 | 29.4 |



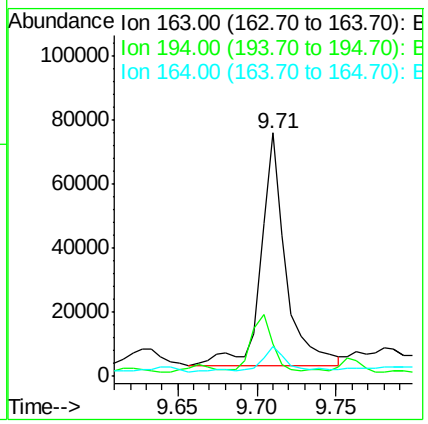


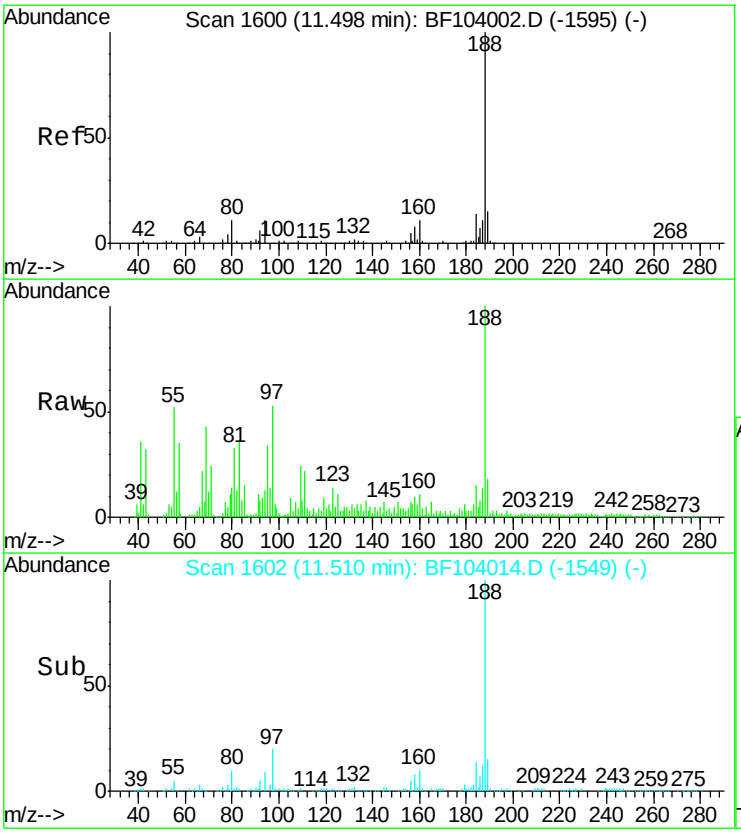

#49
Dimethylphthalate
Concen: 4.464 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion:163 Resp: 78423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 13.5 | 2.7 | 4.1# |
| 164 | 12.2 | 8.2 | 12.2 |

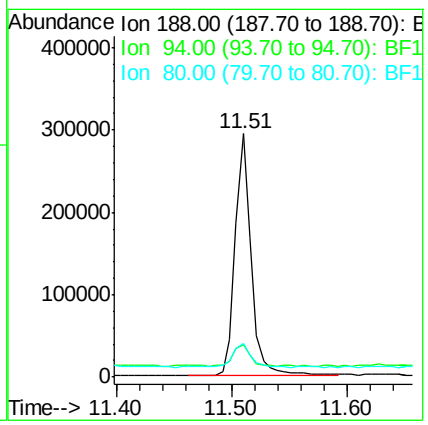


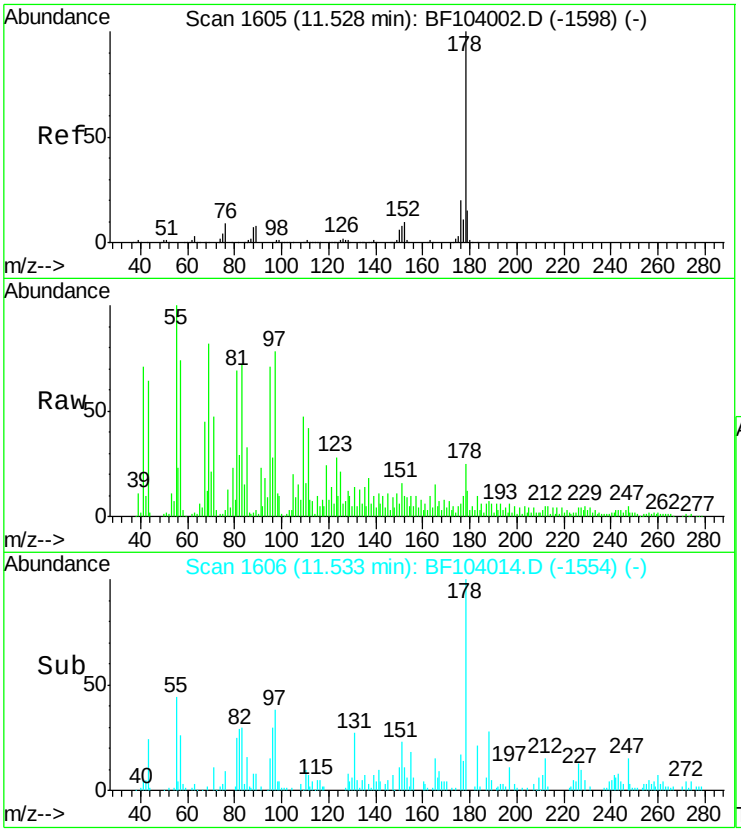




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:188 Resp: 282111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.1 | 8.5 | 12.7# |
| 80 | 13.9 | 9.2 | 13.8# |



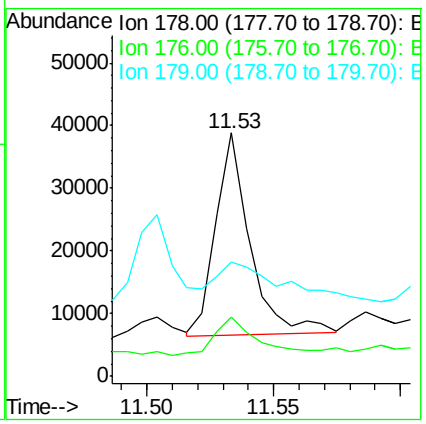


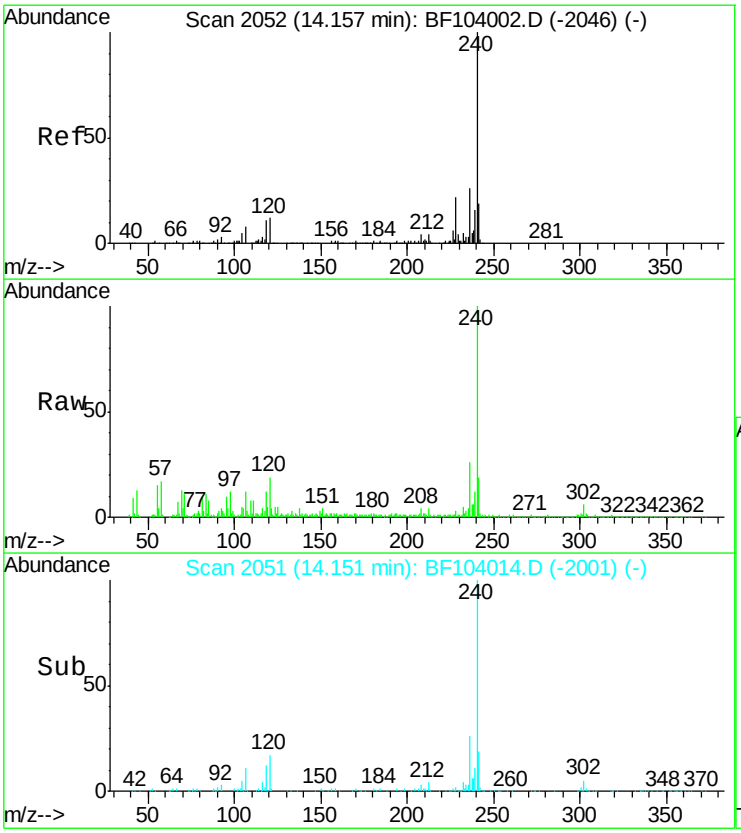

#70
Phenanthrene
Concen: 2.007 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion:178 Resp: 30658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.3 | 15.8 | 23.8# |
| 179 | 47.0 | 13.0 | 19.6# |

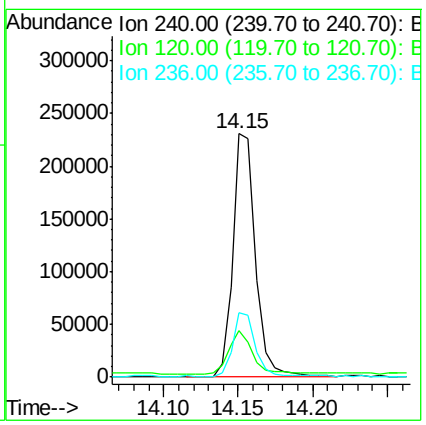


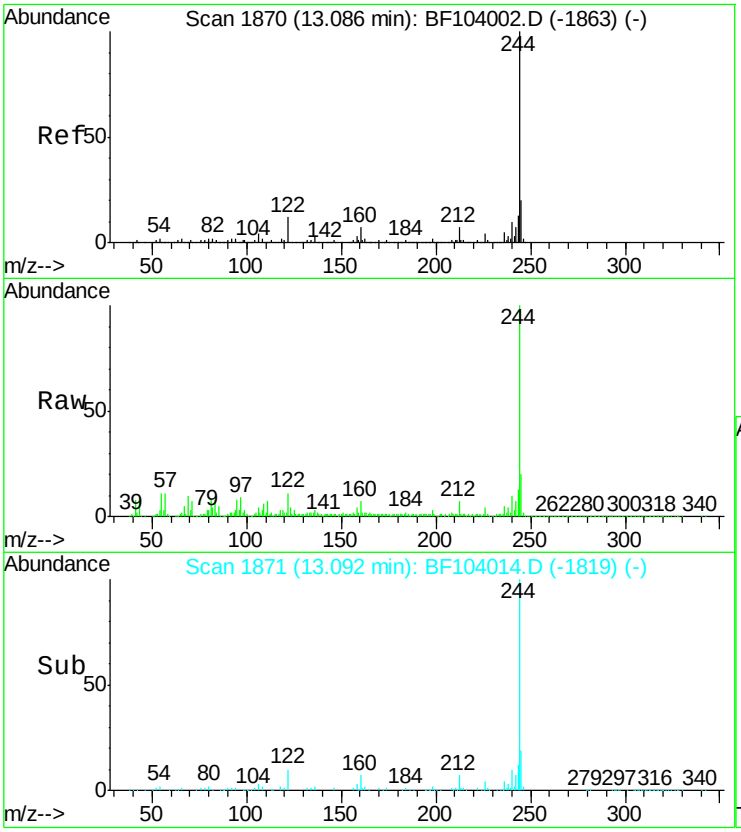




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:240 Resp: 243385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.1 | 9.5 | 14.3# |
| 236 | 26.5 | 20.7 | 31.1 |



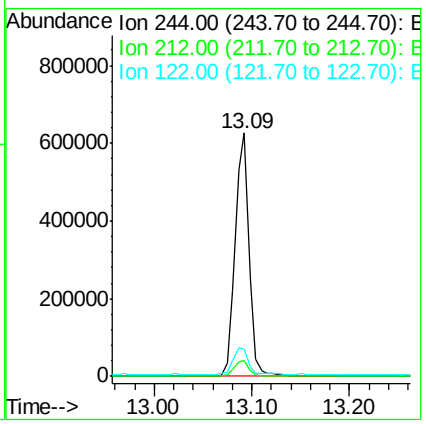


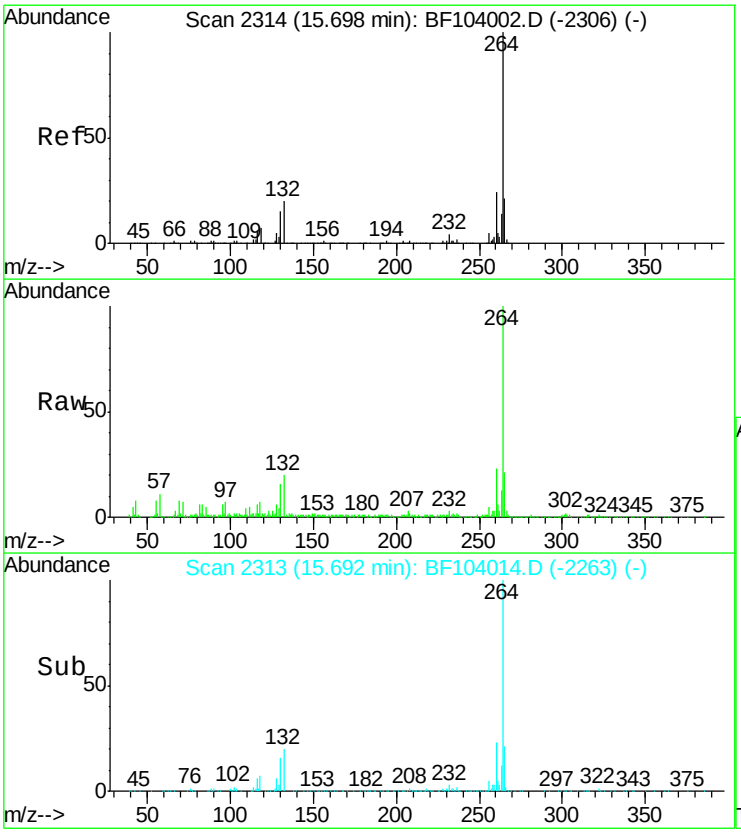

#78
Terphenyl-d14
Concen: 58.654 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

**Instrument :**
BNA_F
**ClientSampleId :**
JRS-RB201719RT-CV-2530

Tgt Ion:244 Resp: 618271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.4 | 8.0 |
| 122 | 11.2 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF104014.D
Acq: 28 Mar 2018 17:11

Tgt Ion:264 Resp: 259745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |