Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
Data File : BM011405.D
Acq On : 01 Sep 2017 11:24
Operator : SJ/JU
Sample : I5024-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CL-01-082917-B

Quant Time: Sep 01 13:15:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 426176 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.79 | 136 | 1859787 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.62 | 164 | 1044570 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.36 | 188 | 2407837 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.52 | 240 | 3336584 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 23.90 | 264 | 3210896 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 3999386 | 157.96 | ng | | 0.00 |
| 7) Phenol-d6 | 7.14 | 99 | 5001804 | 142.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 2904090 | 102.90 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.10 | 330 | 1911241 | 158.15 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.25 | 172 | 7121446 | 98.27 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.97 | 244 | 10748408 | 79.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 7.32 | 93 | 155060 | 3.252 | ng | | 93 |
| 32) Benzoic acid | 10.03 | 122 | 276 | 6.552 | ng | # | 46 |
| 33) 4-Chloroaniline | 10.96 | 127 | 135085 | 3.075 | ng | # | 90 |
| 47) 2-Nitroaniline | 13.69 | 65 | 106 | 5.442 | ng | # | 1 |

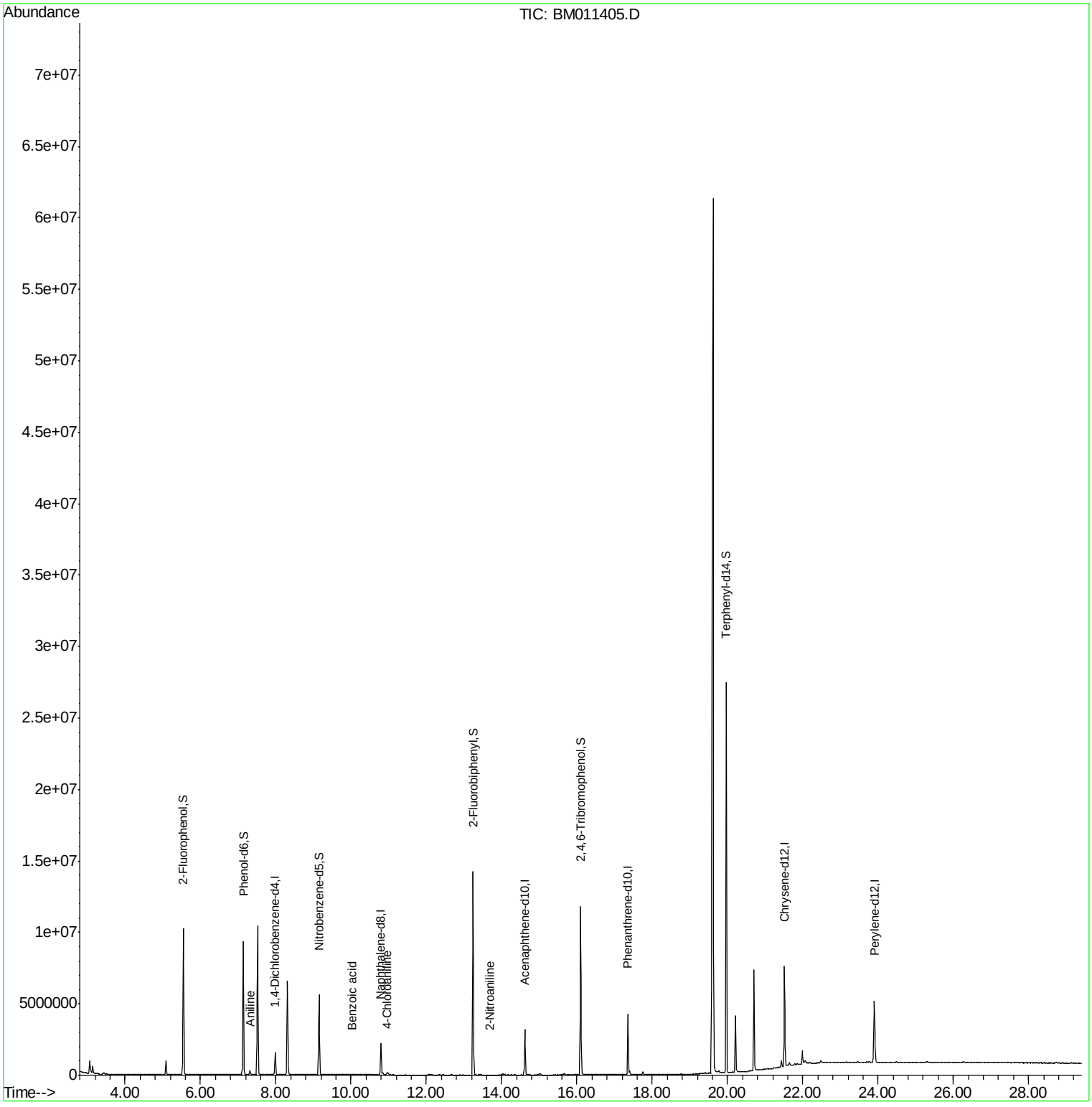
(#) = qualifier out of range (m) = manual integration (+) = signals summed

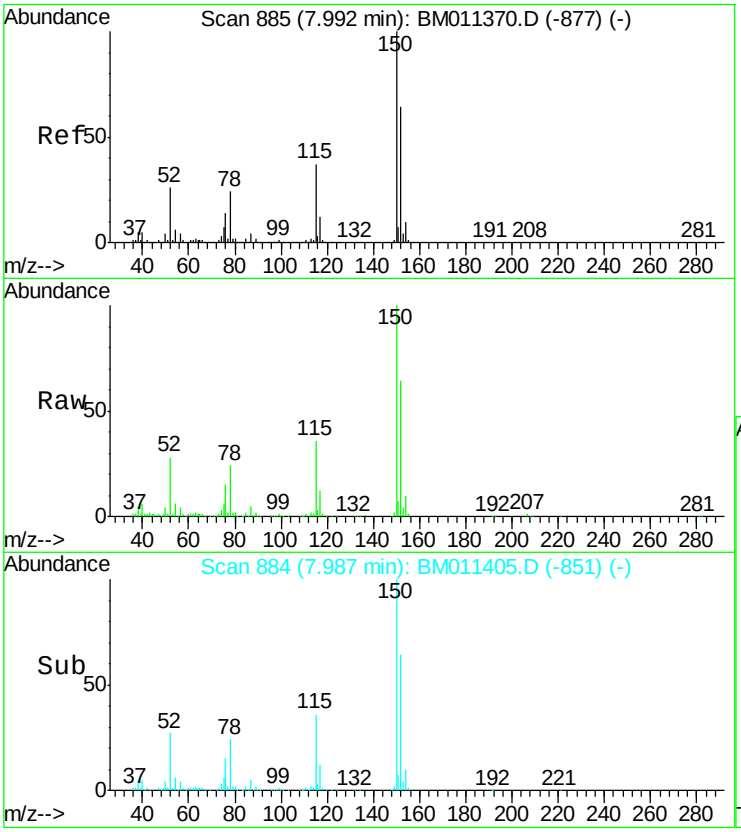
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
Data File : BM011405.D
Acq On : 01 Sep 2017 11:24
Operator : SJ/JU
Sample : I5024-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Quant Time: Sep 01 13:15:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration



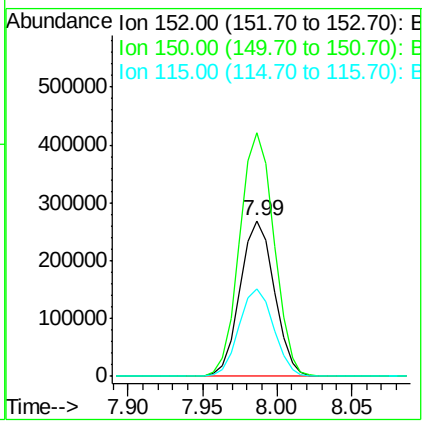


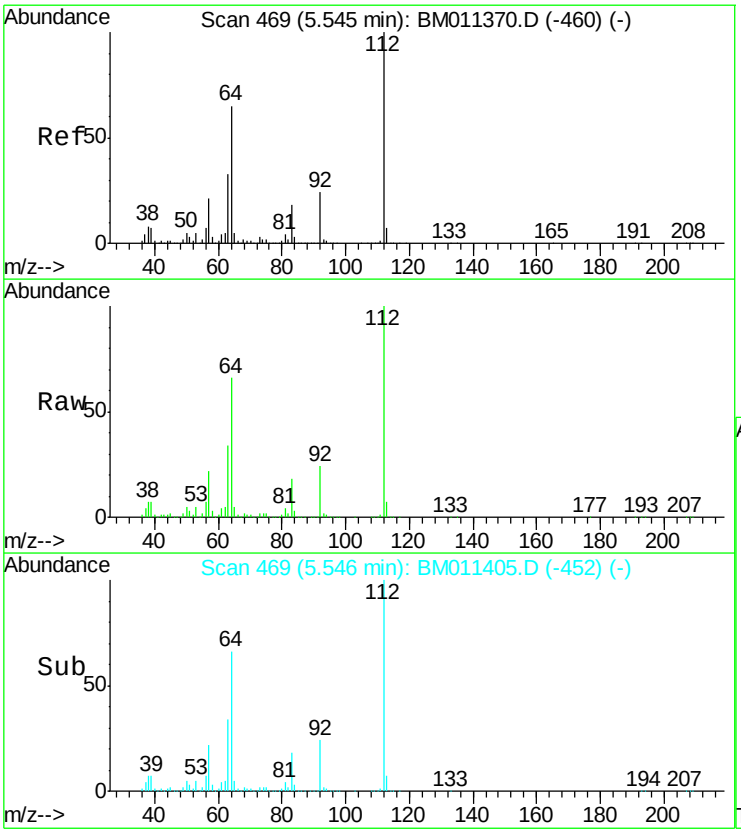

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:152 Resp: 426176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 119.5 | 179.3 |
| 115 | 56.7 | 43.0 | 64.4 |

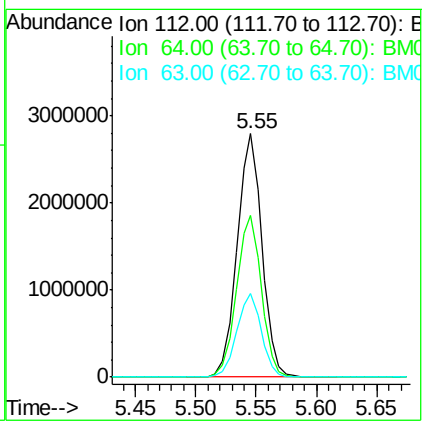


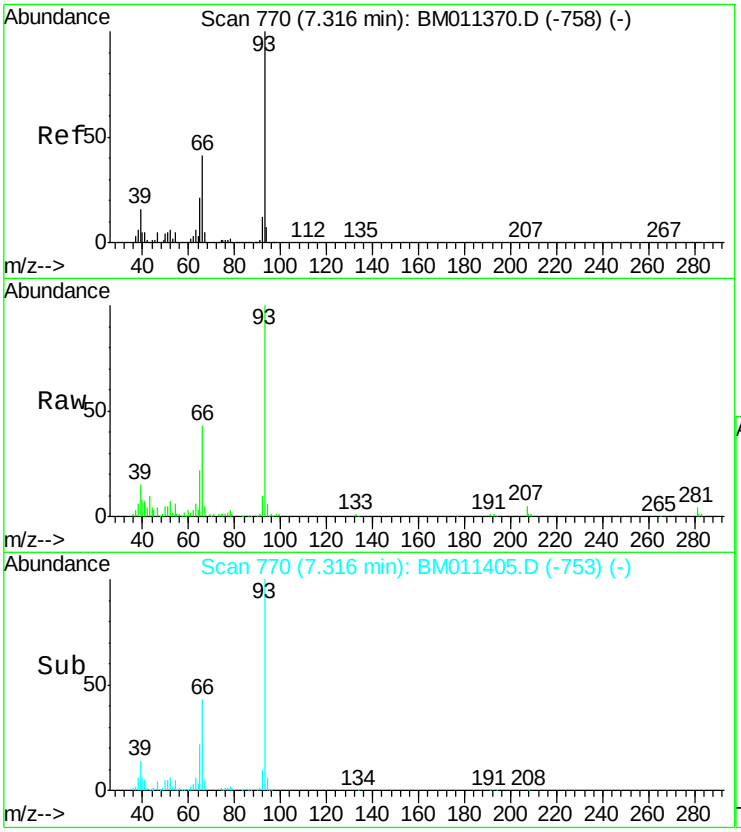




#5
2-Fluorophenol
Concen: 157.964 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion:112 Resp: 3999386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.3 | 38.6 | 57.8# |
| 63 | 34.1 | 19.3 | 28.9# |



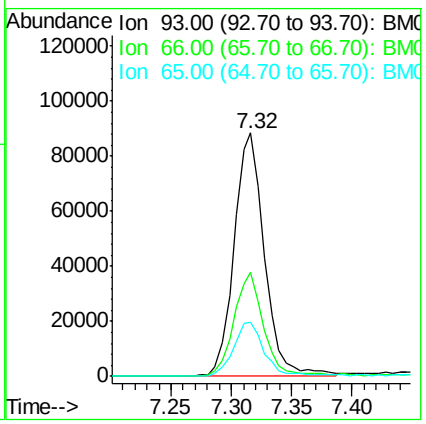


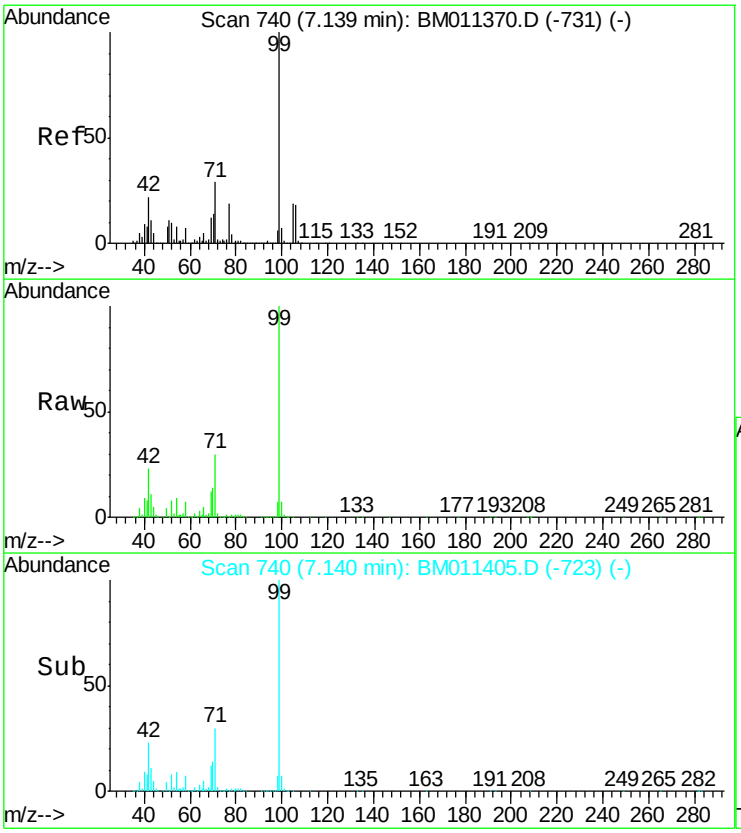

#6
Aniline
Concen: 3.252 ng
RT: 7.32 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion: 93 Resp: 155060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.9 | 30.8 | 46.2 |
| 65 | 22.5 | 16.0 | 24.0 |

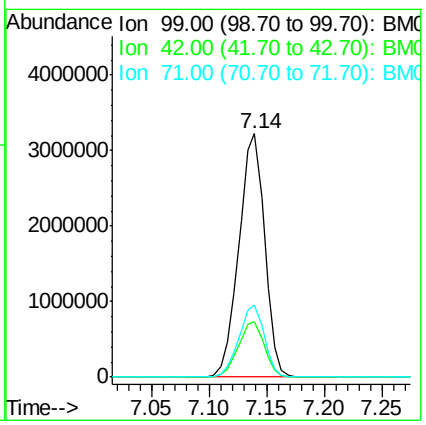


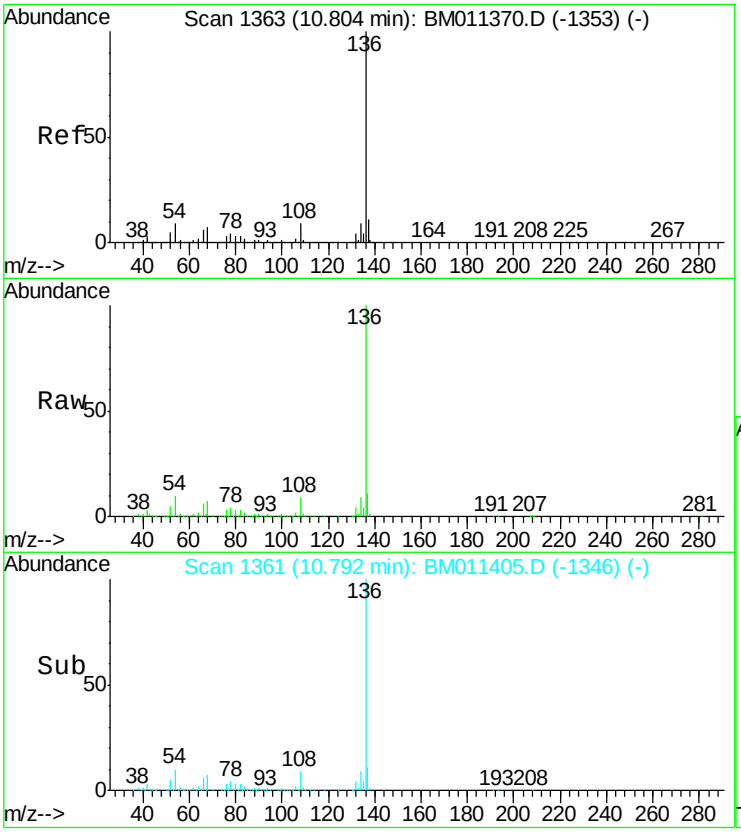




#7
Phenol-d6
Concen: 142.474 ng
RT: 7.14 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion: 99 Resp: 5001804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 11.0 | 16.4# |
| 71 | 29.7 | 23.4 | 35.2 |



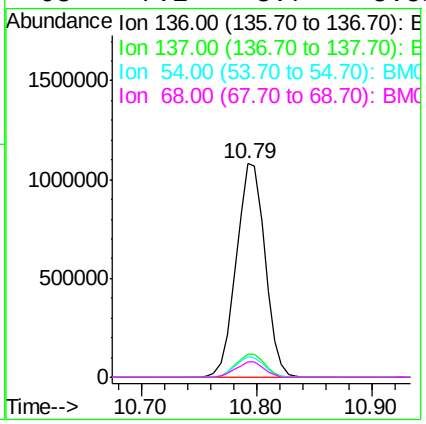


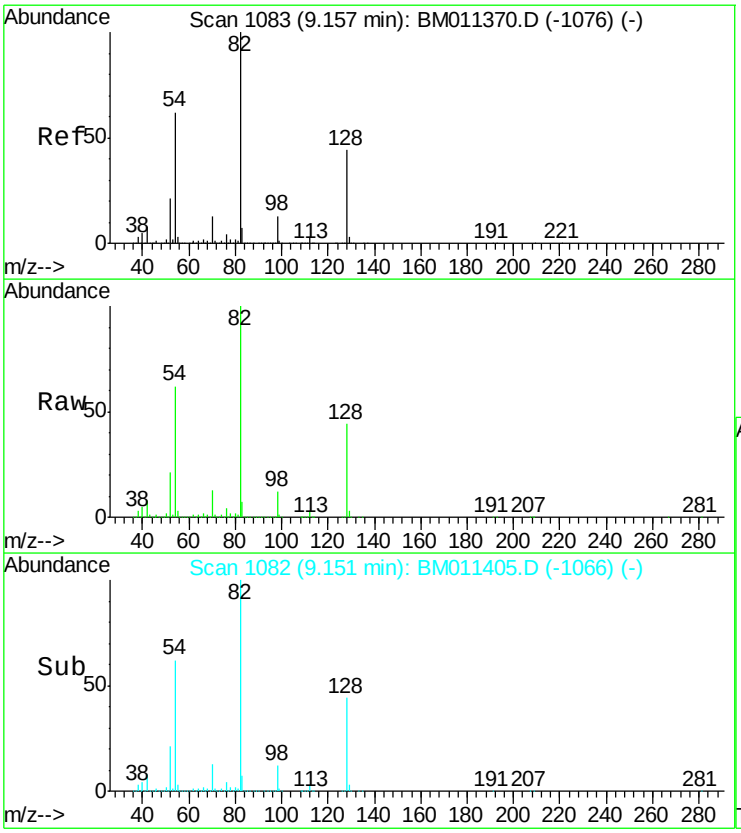

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:136 Resp: 1859787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 9.7 | 4.6 | 6.8# |
| 68 | 7.2 | 3.7 | 5.5# |

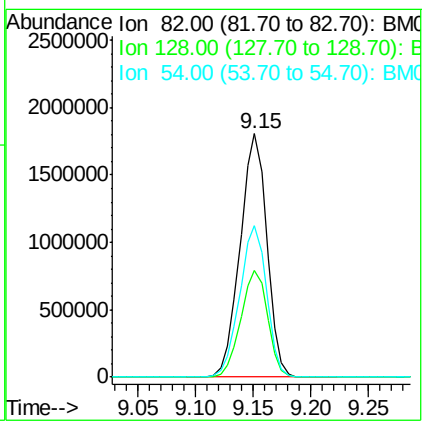


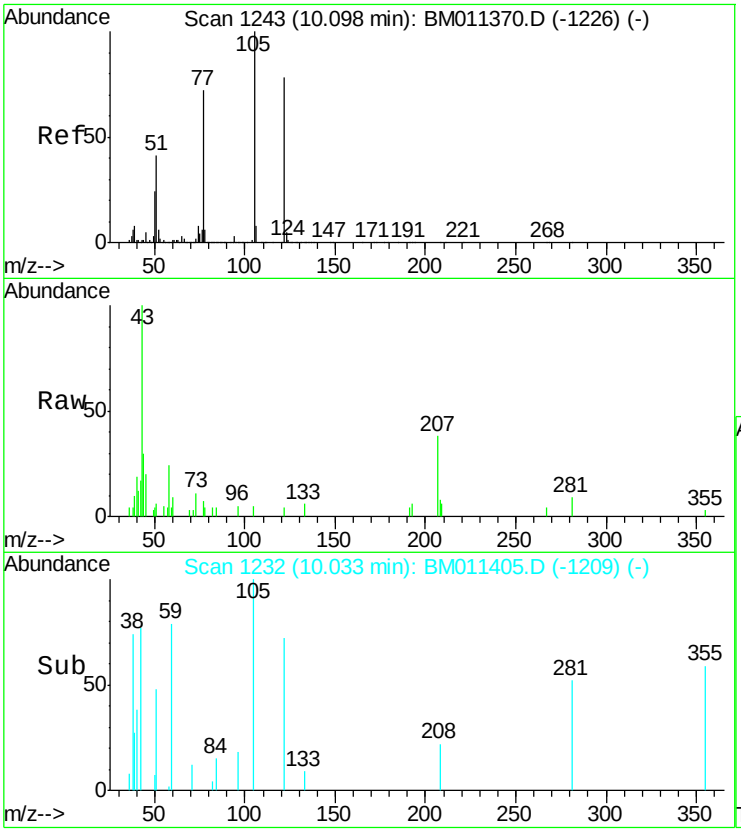




#23
Nitrobenzene-d5
Concen: 102.901 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion: 82 Resp: 2904090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 32.8 | 49.2 |
| 54 | 62.2 | 40.6 | 60.8# |



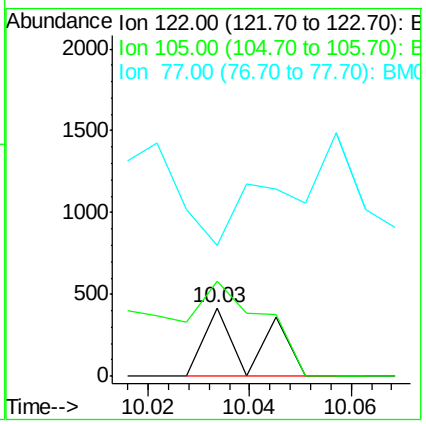


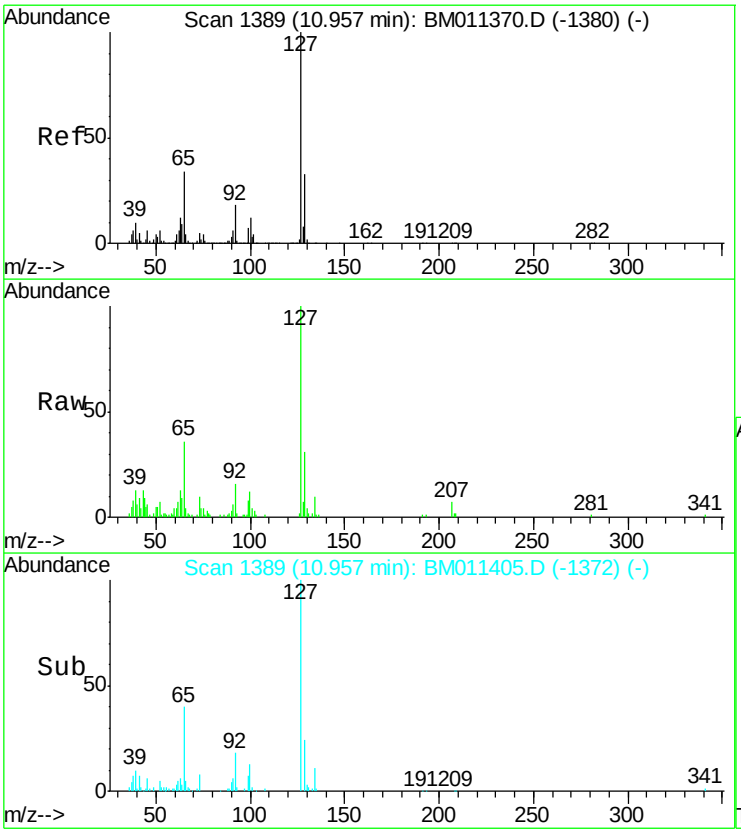

#32
Benzoic acid
Concen: 6.552 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:122 Resp: 276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 139.1 | 99.9 | 139.9 |
| 77 | 190.0 | 73.7 | 113.7# |

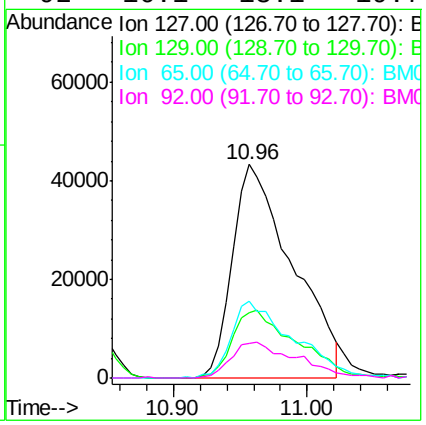


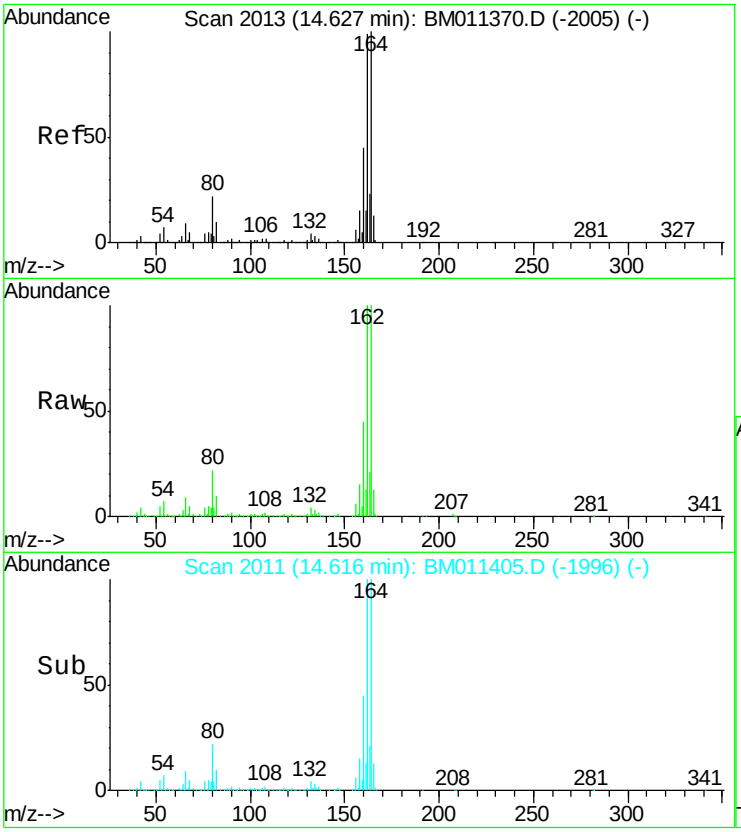




#33
4-Chloroaniline
Concen: 3.075 ng
RT: 10.96 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion:127 Resp: 135085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.5 | 25.3 | 37.9 |
| 65 | 36.0 | 17.6 | 26.4# |
| 92 | 16.1 | 13.1 | 19.7 |



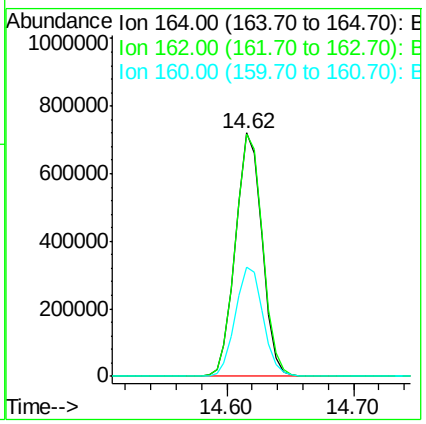


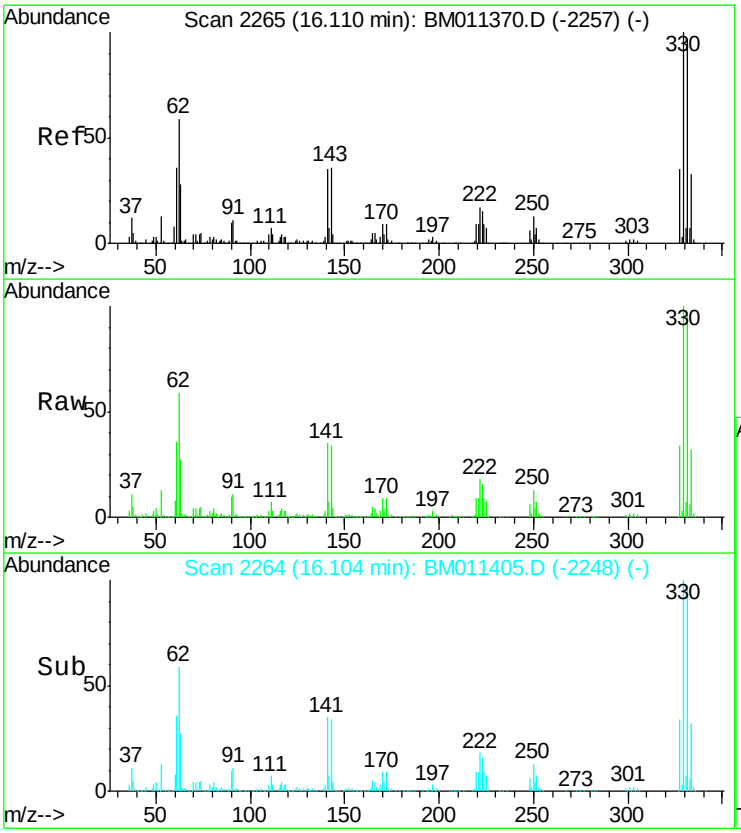

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:164 Resp: 1044570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 82.4 | 123.6 |
| 160 | 45.0 | 35.8 | 53.6 |

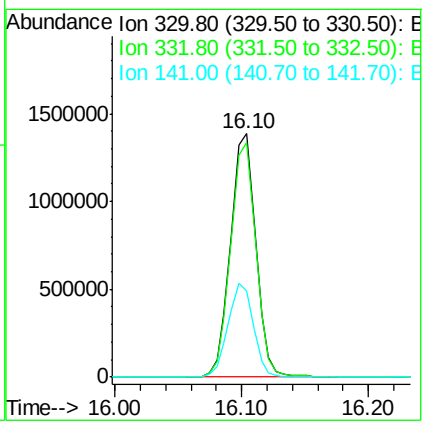


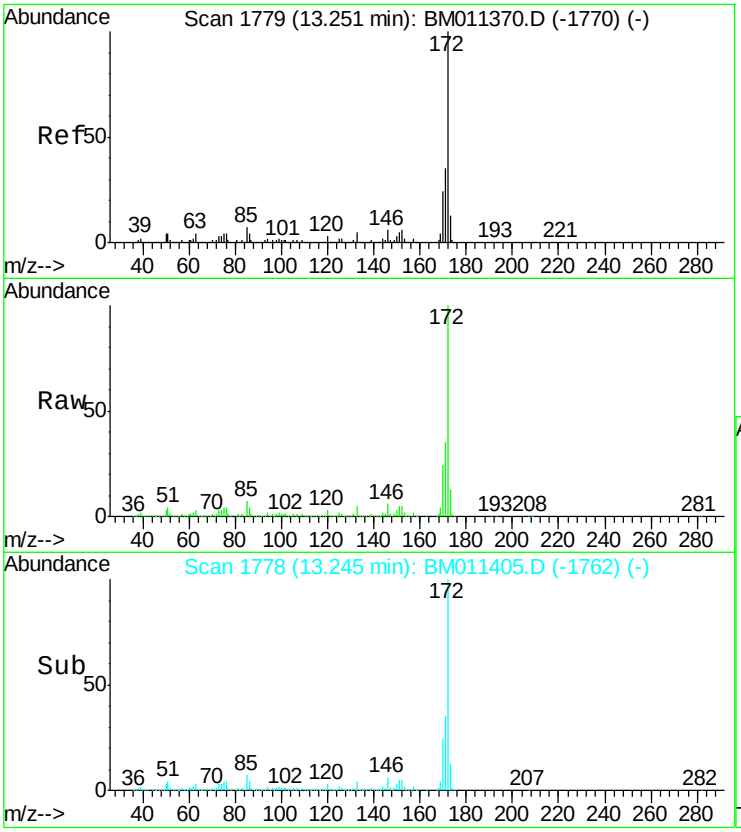




#41
2,4,6-Tribromophenol
Concen: 158.147 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion:330 Resp: 1911241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 0.0 | 0.0# |
| 141 | 38.7 | 0.0 | 0.0# |



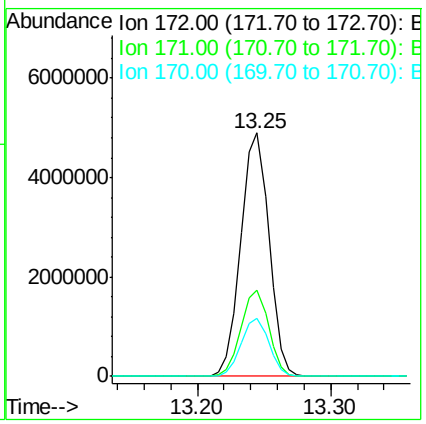


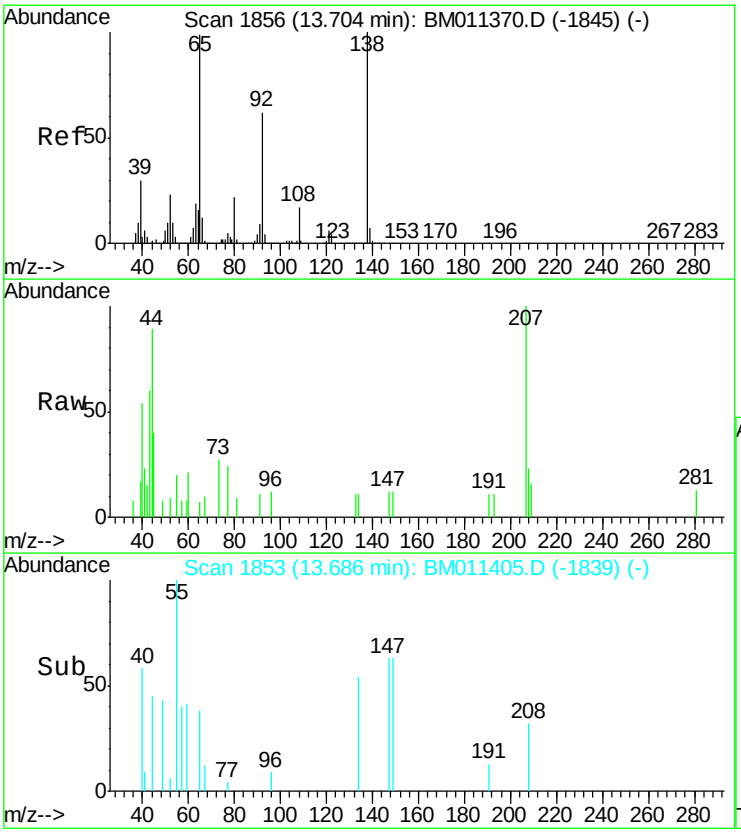

#44
2-Fluorobiphenyl
Concen: 98.274 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:172 Resp: 7121446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.5 | 42.7 |
| 170 | 24.0 | 18.8 | 28.2 |

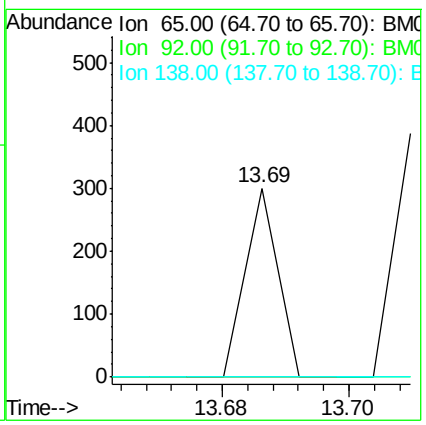


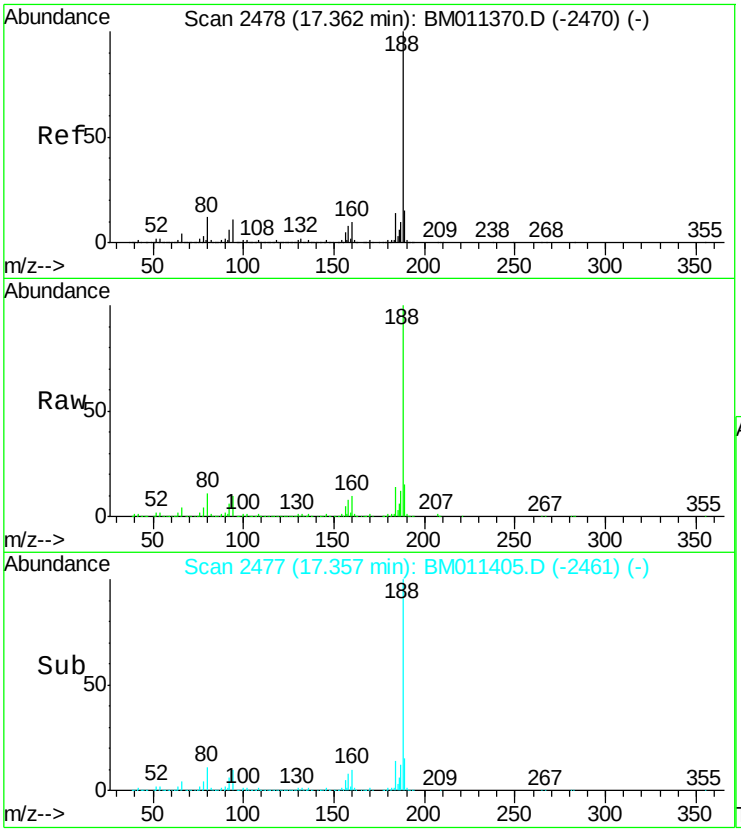




#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.69 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion: 65 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 59.1 | 88.7# |
| 138 | 0.0 | 93.9 | 140.9# |



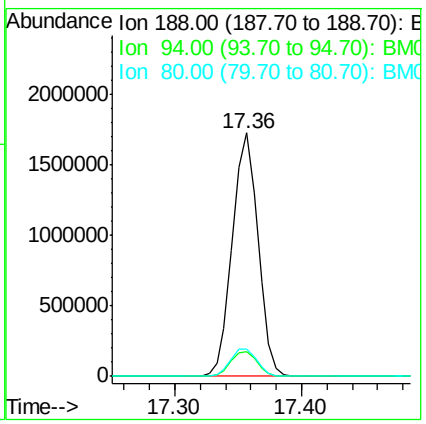


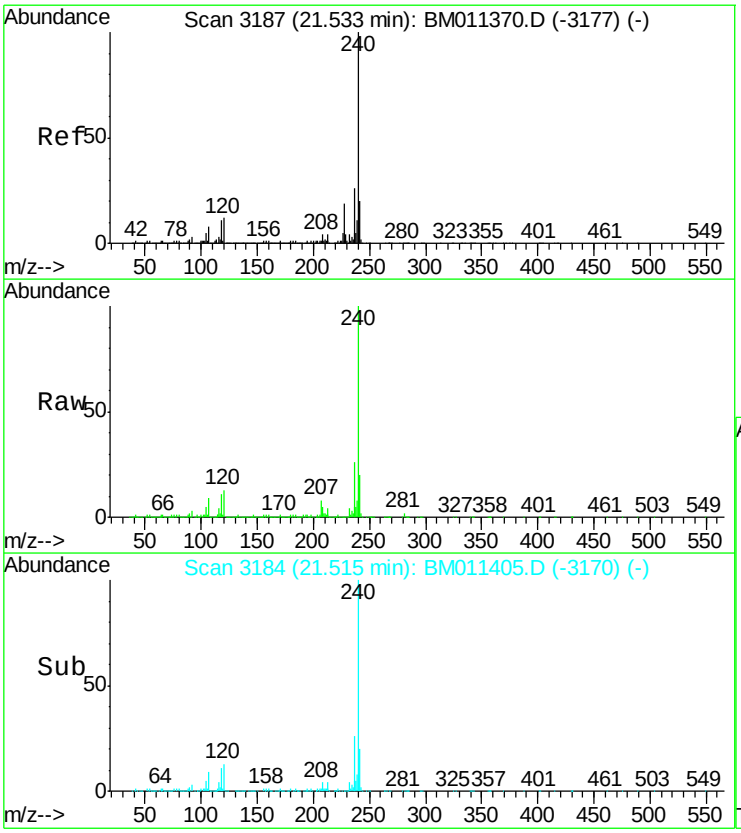

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:188 Resp: 2407837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.7 | 13.1 |
| 80 | 11.3 | 9.3 | 13.9 |

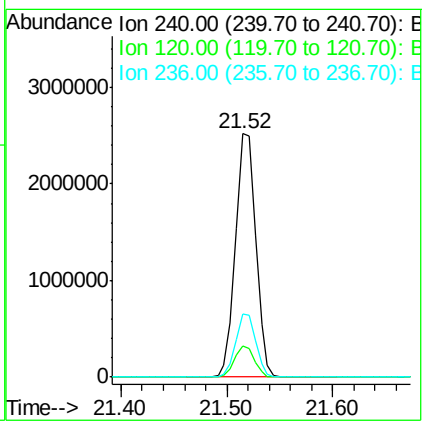


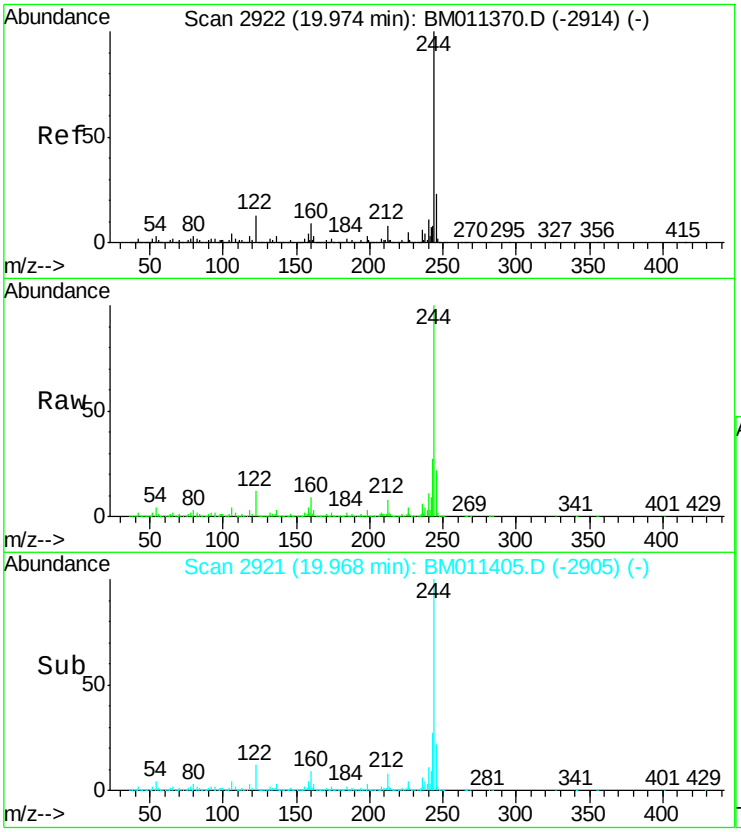




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion:240 Resp: 3336584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.0 | 8.2 | 12.2# |
| 236 | 25.8 | 20.0 | 30.0 |



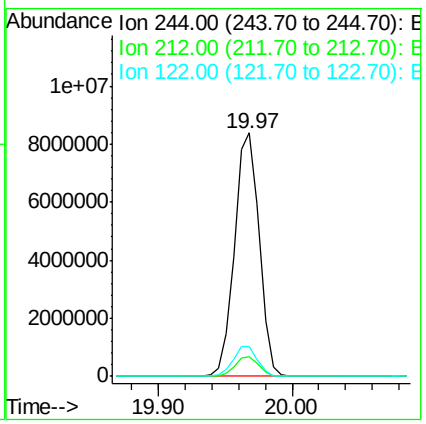


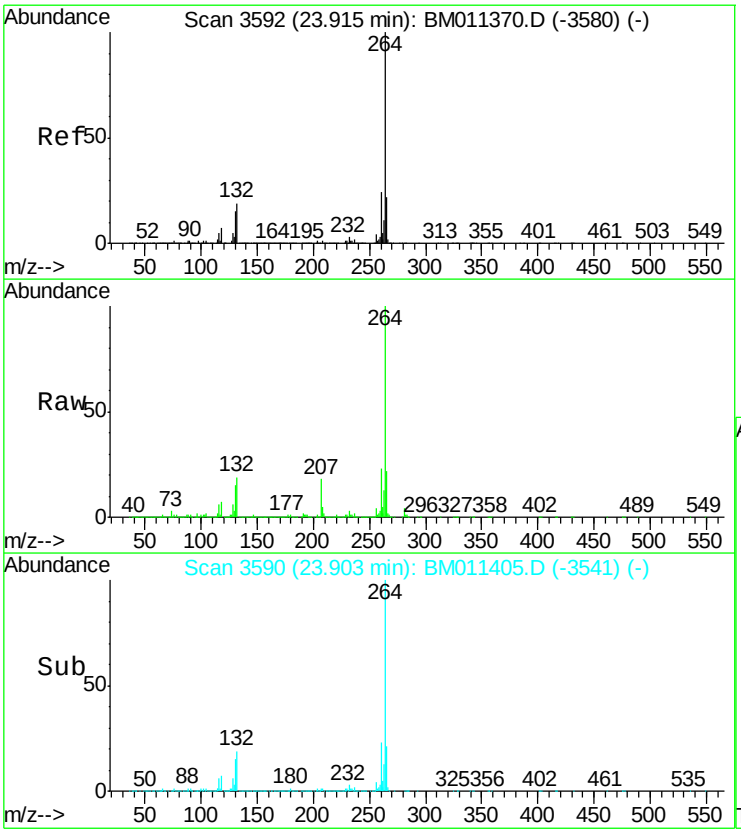

#78
Terphenyl-d14
Concen: 79.930 ng
RT: 19.97 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

**Instrument :**
BNA_M
**ClientSampleId :**
CL-01-082917-B

Tgt Ion:244 Resp:10748408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 4.9 | 7.3# |
| 122 | 12.3 | 6.2 | 9.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion:264 Resp: 3210896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.6 | 27.8 |
| 265 | 21.7 | 17.3 | 25.9 |