Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101487.D
Acq On : 18 Dec 2017 18:14
Operator : SJ/JU
Sample : I6680-15 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CL-02-121417-C

Quant Time: Dec 19 01:23:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.81 | 152 | 182144 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 681200 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 258571 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.34 | 188 | 403750 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.99 | 240 | 317716 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.47 | 264 | 240092 | 20.00 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 240708 | 19.69 | ng | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 298048 | 19.59 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 158444 | 12.95 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 38084 | 15.29 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 302344 | 18.14 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 208396 | 15.81 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Isophorone | 7.37 | 82 | 158443 | 6.45 | ng | # 64 |
| 50) 2,6-Dinitrotoluene | 9.85 | 165 | 33102 | 7.83 | ng | # 26 |
| 56) 2,4-Dinitrotoluene | 9.85 | 165 | 33102 | 6.95 | ng | # 23 |

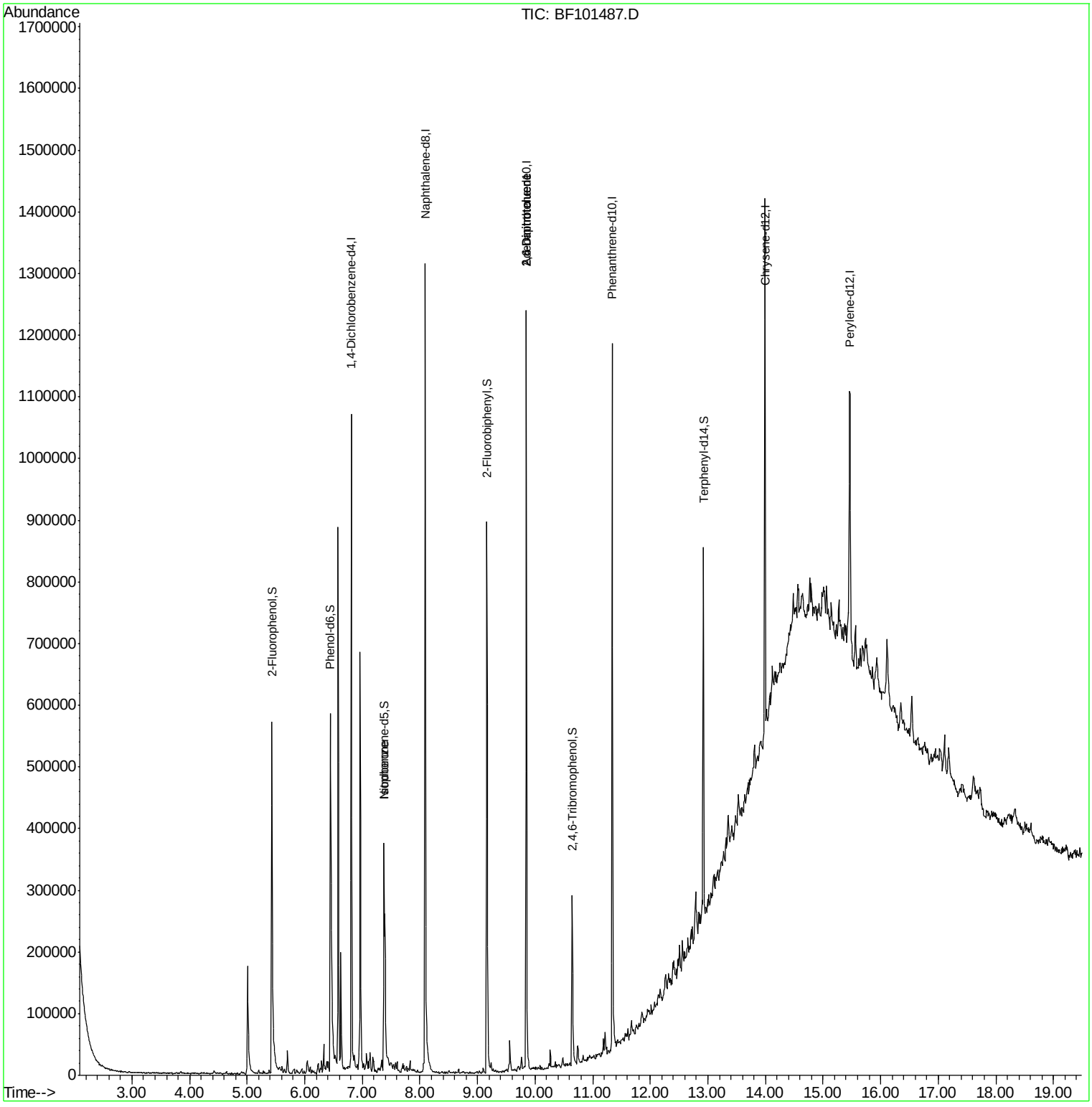
(#) = qualifier out of range (m) = manual integration (+) = signals summed

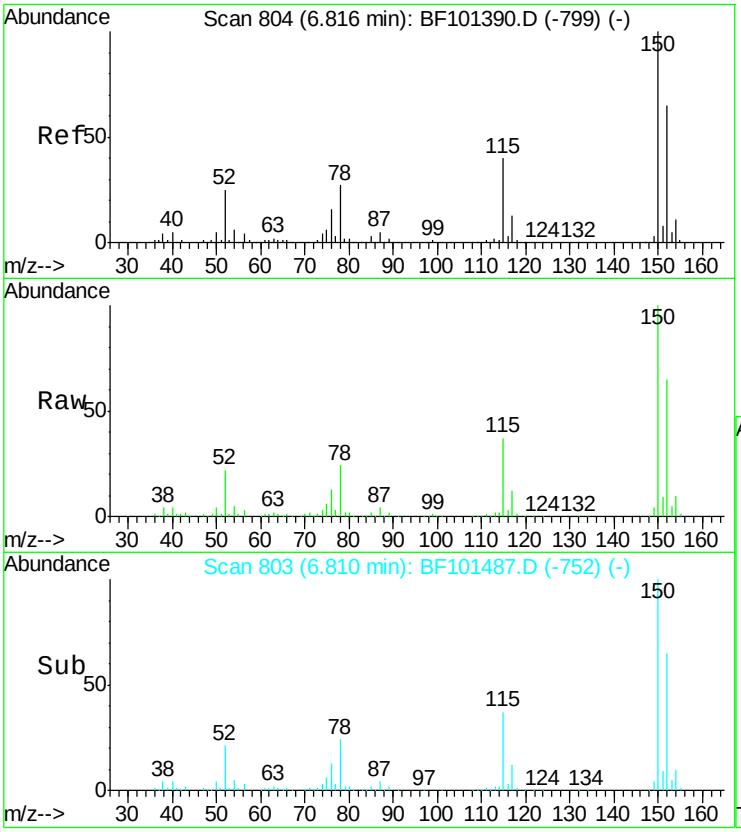
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
Data File : BF101487.D
Acq On : 18 Dec 2017 18:14
Operator : SJ/JU
Sample : I6680-15 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Quant Time: Dec 19 01:23:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



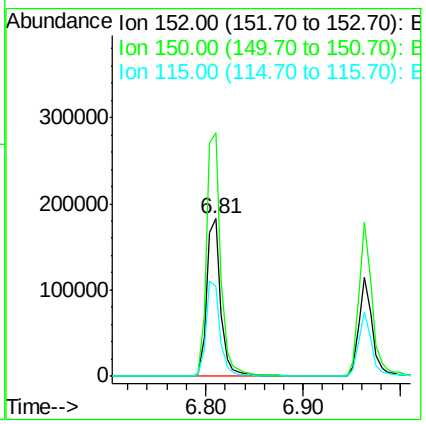


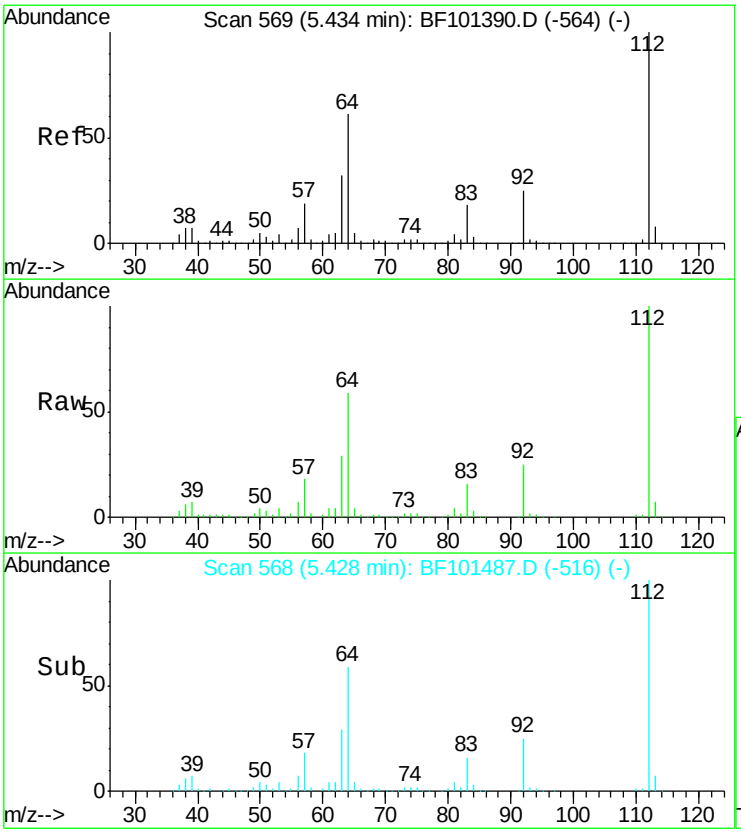

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:152 Resp: 182144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.5 | 124.6 | 186.8 |
| 115 | 56.9 | 50.1 | 75.1 |

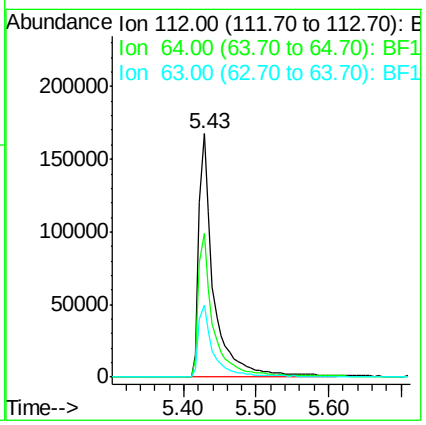


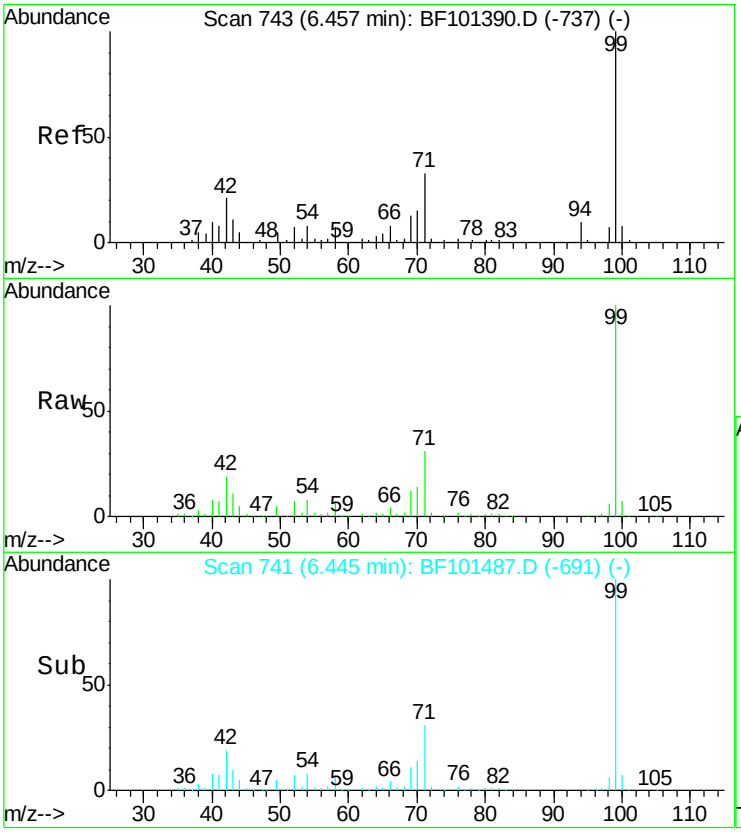




#5
2-Fluorophenol
Concen: 19.69 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:112 Resp: 240708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.9 | 47.9 | 71.9 |
| 63 | 29.4 | 23.7 | 35.5 |



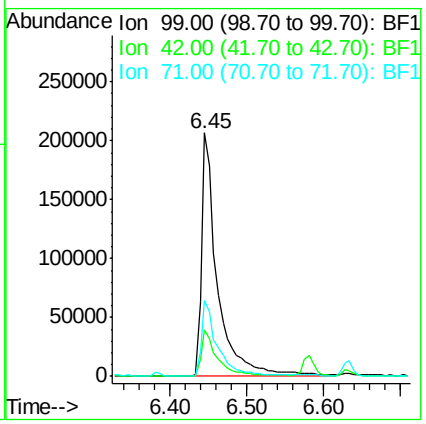


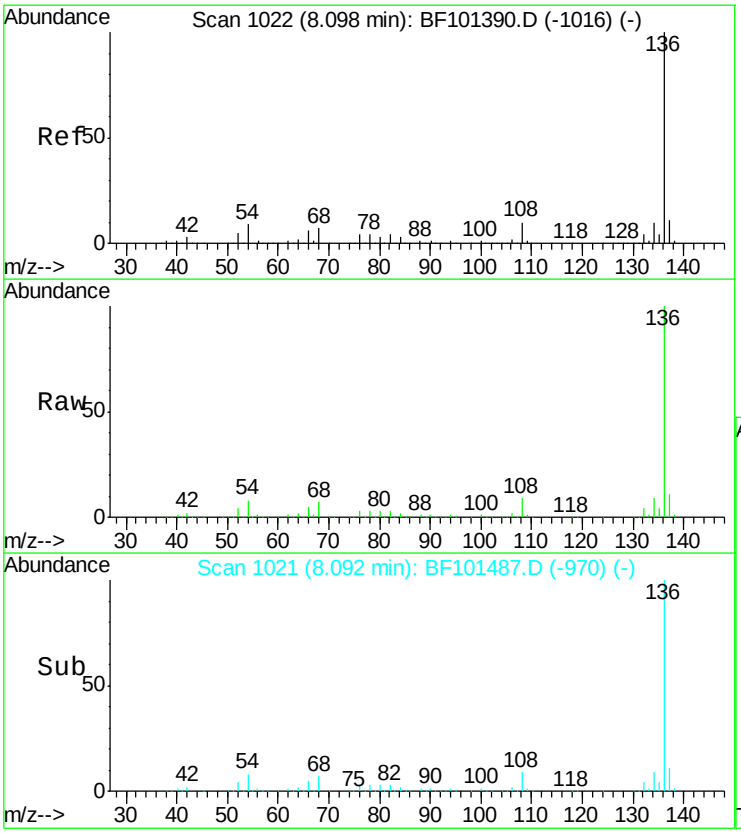

#7
Phenol-d6
Concen: 19.59 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion: 99 Resp: 298048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.0 | 14.5 | 21.7 |
| 71 | 31.4 | 25.4 | 38.0 |

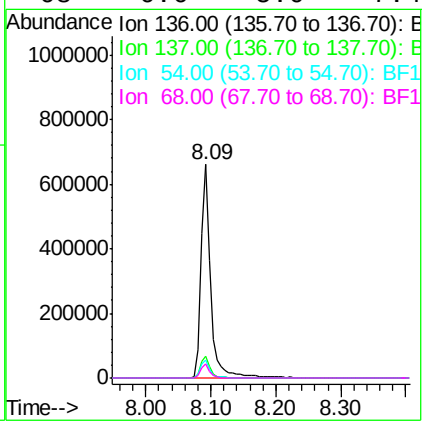


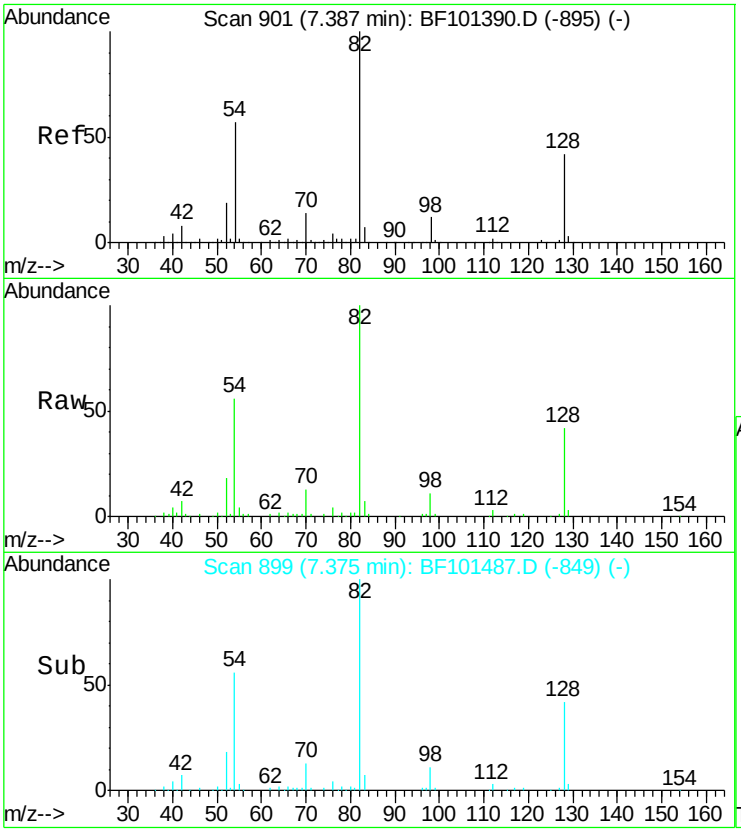




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:136 Resp: 681200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.9 | 13.3 |
| 54 | 8.4 | 6.6 | 9.8 |
| 68 | 6.6 | 5.0 | 7.4 |



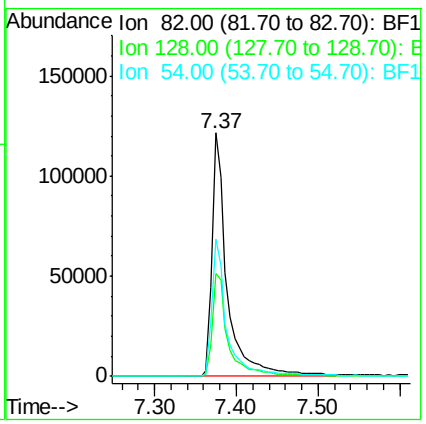


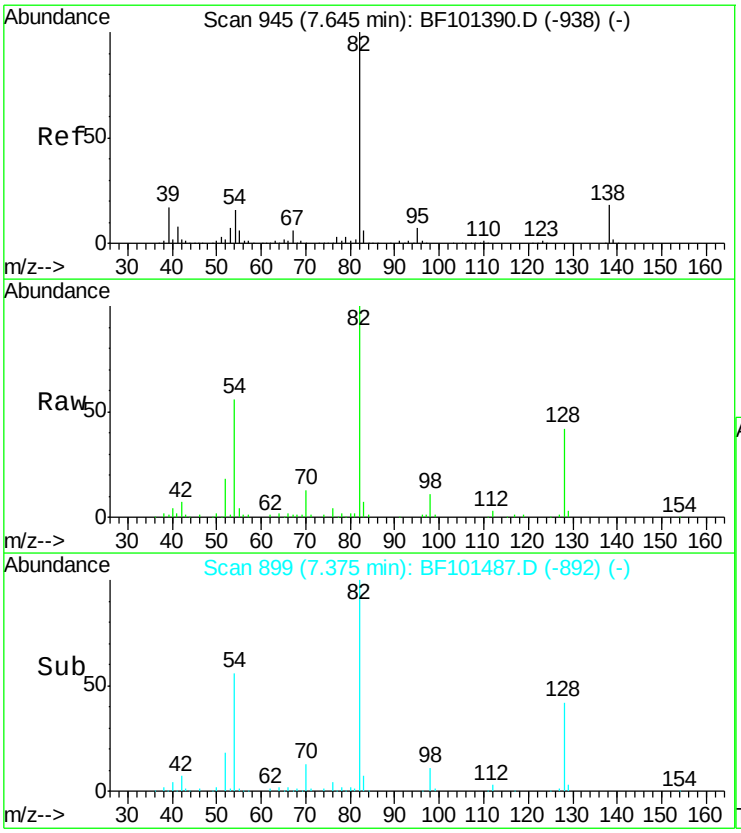

#23
Nitrobenzene-d5
Concen: 12.95 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion: 82 Resp: 158444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.2 | 36.1 | 54.1 |
| 54 | 56.3 | 41.4 | 62.2 |

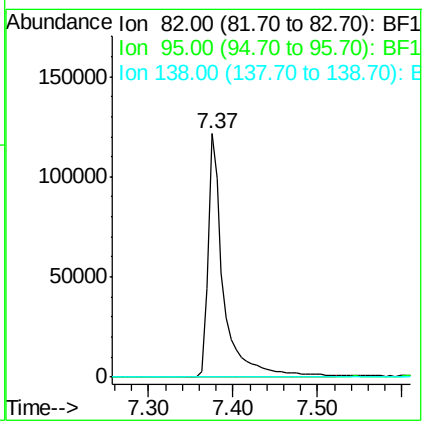


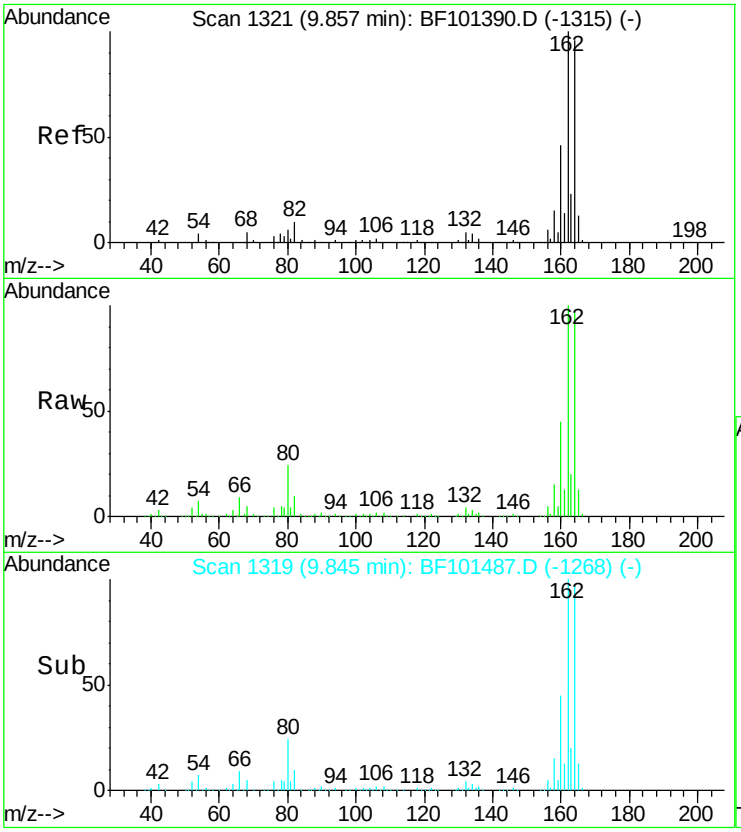




#25
Isophorone
Concen: 6.45 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion: 82 Resp: 158443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |



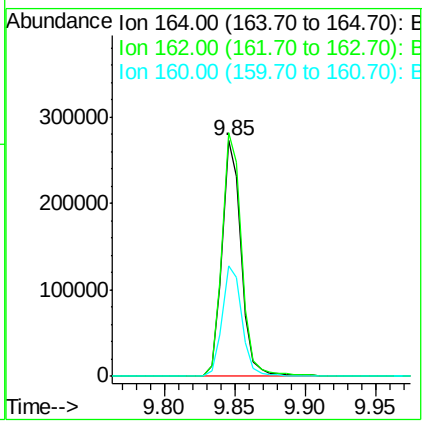


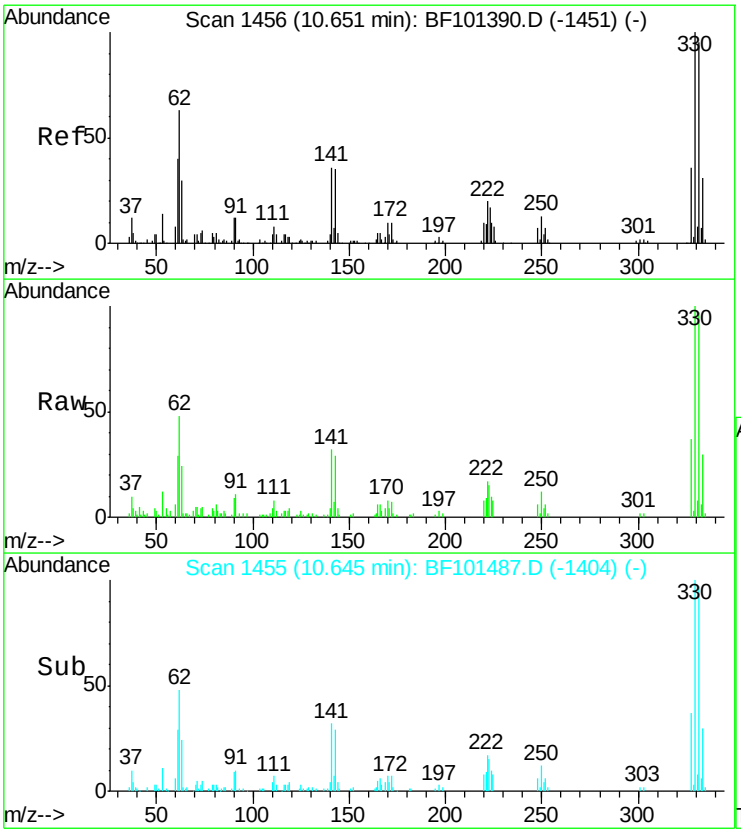

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:164 Resp: 258571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 86.1 | 129.1 |
| 160 | 46.7 | 38.3 | 57.5 |

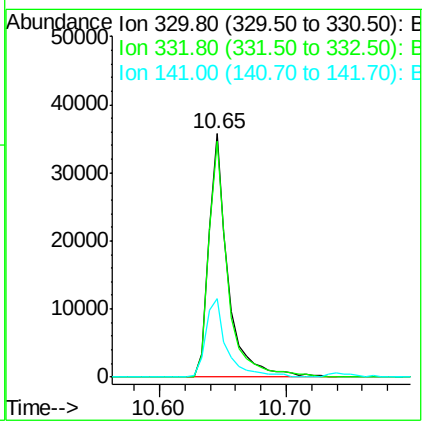


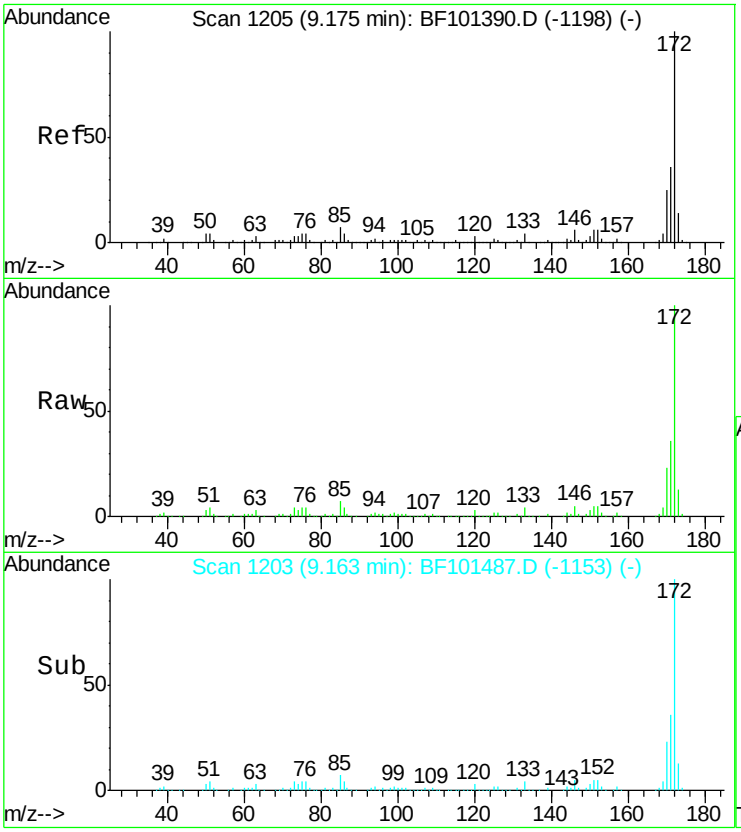




#41
2,4,6-Tribromophenol
Concen: 15.29 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:330 Resp: 38084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.0 | 115.6 |
| 141 | 35.5 | 29.9 | 44.9 |



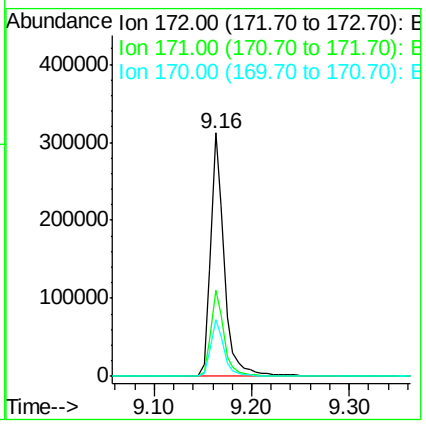


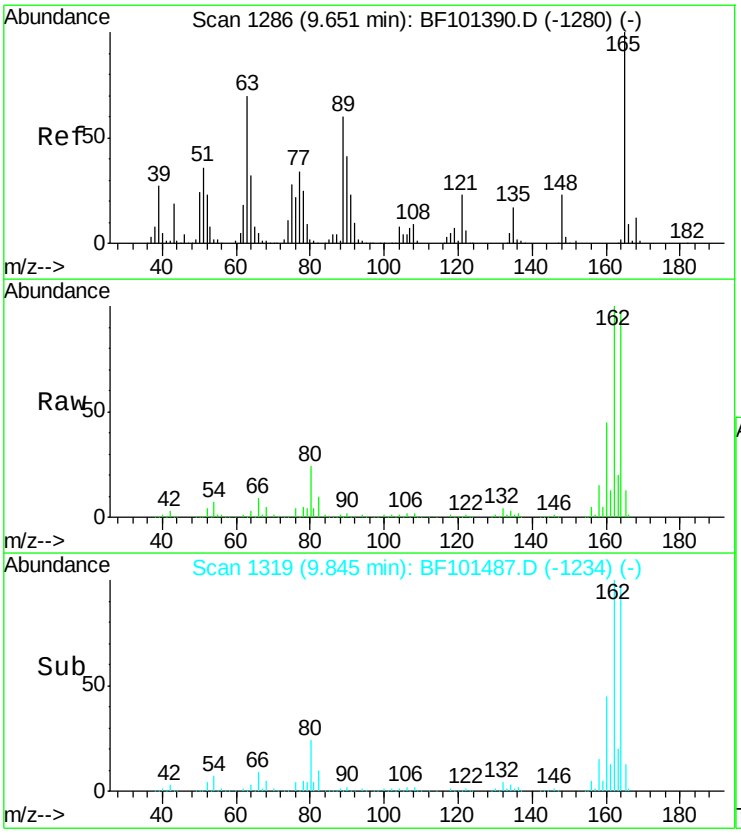

#44
2-Fluorobiphenyl
Concen: 18.14 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:172 Resp: 302344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.7 | 44.5 |
| 170 | 23.3 | 19.6 | 29.4 |

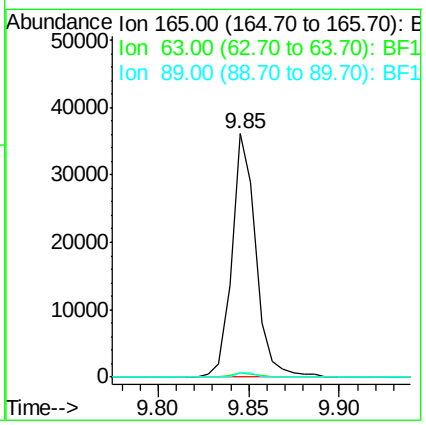


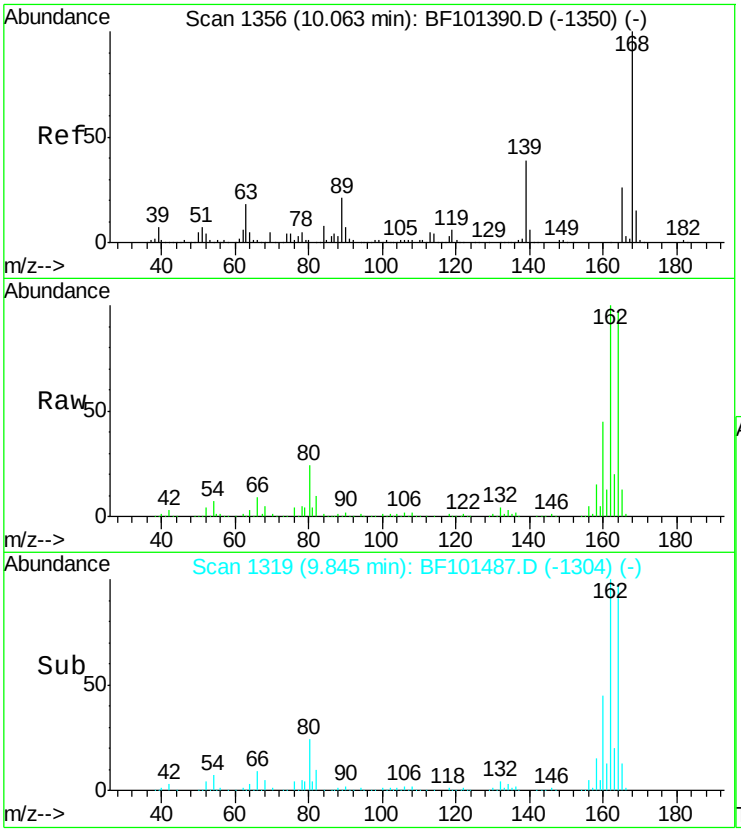




#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:165 Resp: 33102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 44.7 | 67.1# |
| 89 | 1.5 | 44.0 | 66.0# |



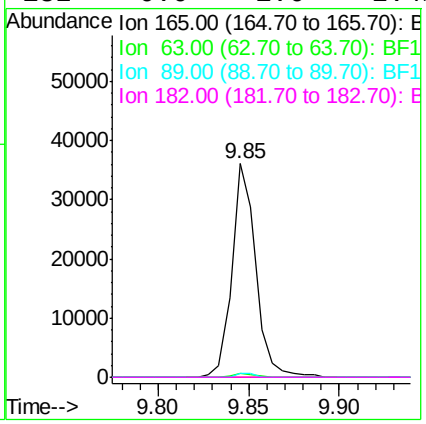


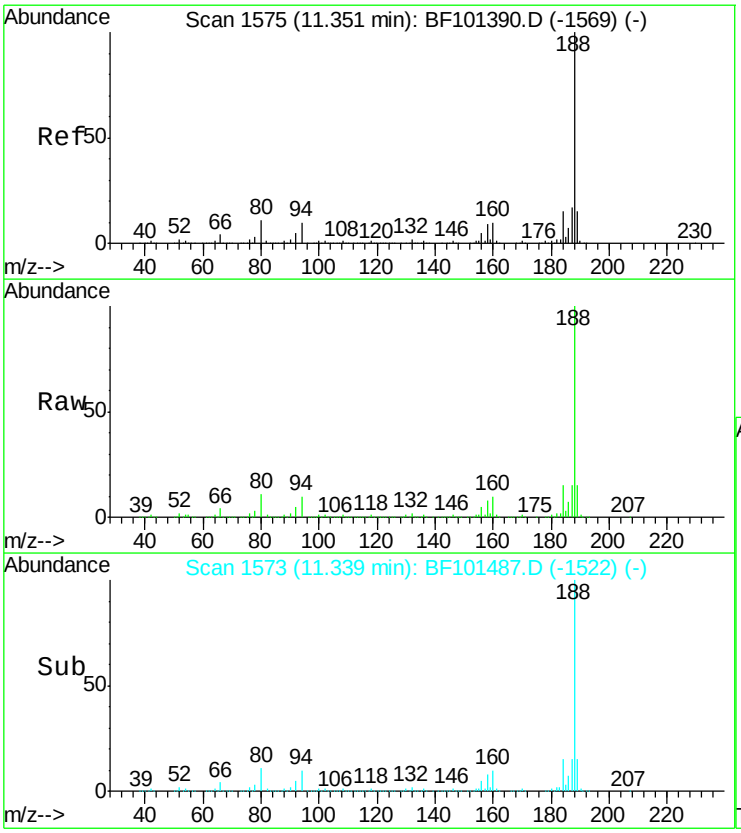

#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:165 Resp: 33102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 36.4 | 54.6# |
| 89 | 1.5 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

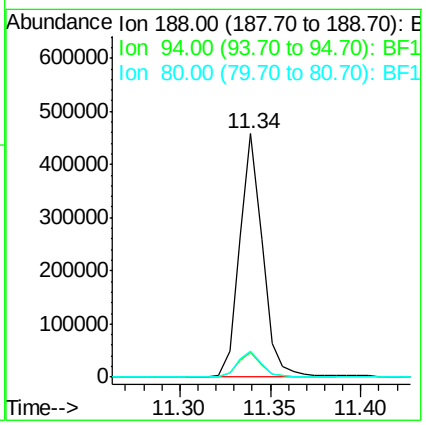


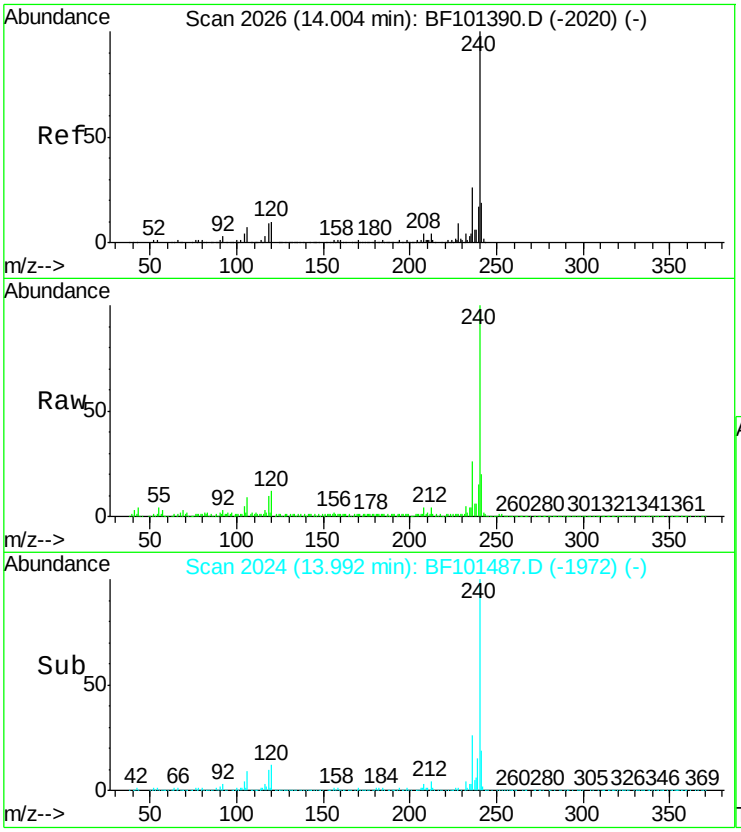




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:188 Resp: 403750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.5 | 12.7 |
| 80 | 10.9 | 9.2 | 13.8 |



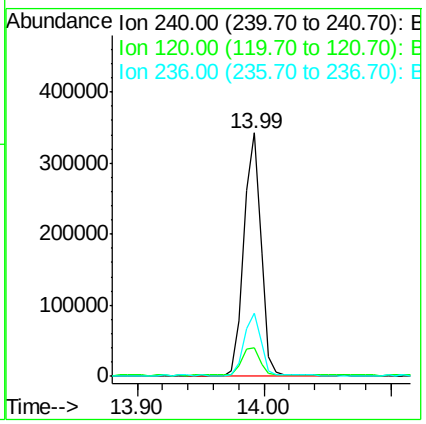


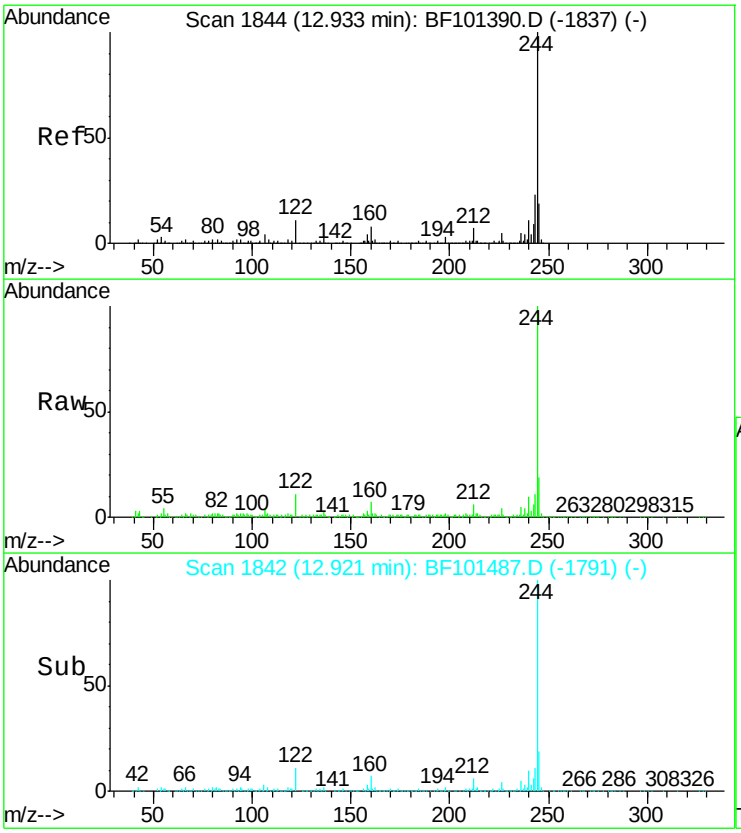

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:240 Resp: 317716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.0 | 9.5 | 14.3 |
| 236 | 25.9 | 20.7 | 31.1 |

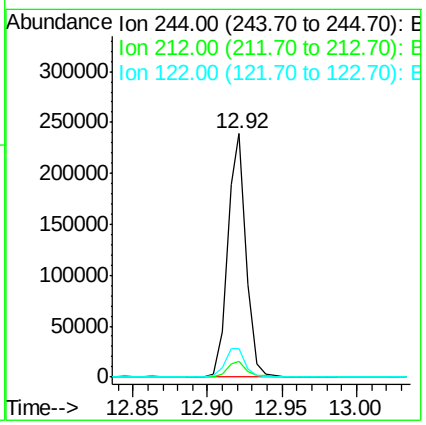


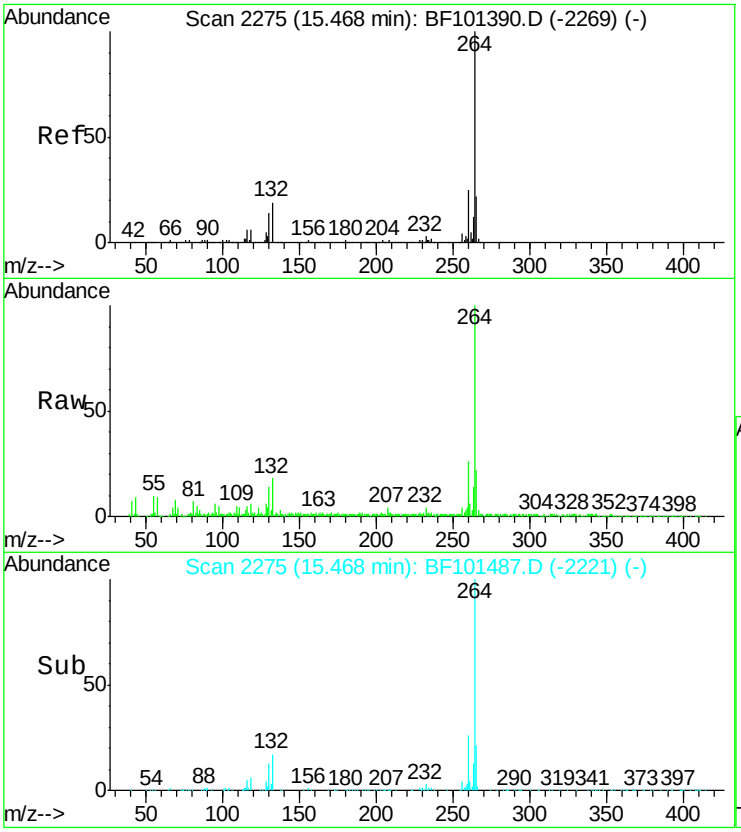




#78
Terphenyl-d14
Concen: 15.81 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:244 Resp: 208396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.4 | 8.0 |
| 122 | 11.5 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-121417-C

Tgt Ion:264 Resp: 240092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 19.2 | 28.8 |
| 265 | 21.5 | 17.5 | 26.3 |