Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007749.D
Acq On : 19 Sep 2019 19:58
Operator : HP/JU
Sample : K4858-12 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DUP01-20190909DL

Quant Time: Sep 20 01:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 6374 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 23712 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.32 | 164 | 14007 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 32345 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 34589 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.48 | 264 | 35466 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.32 | 112 | 1551 | 0.07 | ng | 0.00 |
| 5) Phenol-d6 | 6.88 | 99 | 1257 | 0.04 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.85 | 82 | 3230 | 0.16 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 7288 | 0.18 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.82 | 330 | 992 | 0.13 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 11794 | 0.20 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 20815 | 0.19 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.71 | 244 | 18730 | 0.22 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 23222 | 3.269 | ng | # 92 |
| 3) n-Nitrosodimethylamine | 3.01 | 42 | 64029 | 19.677 | ng | # 71 |

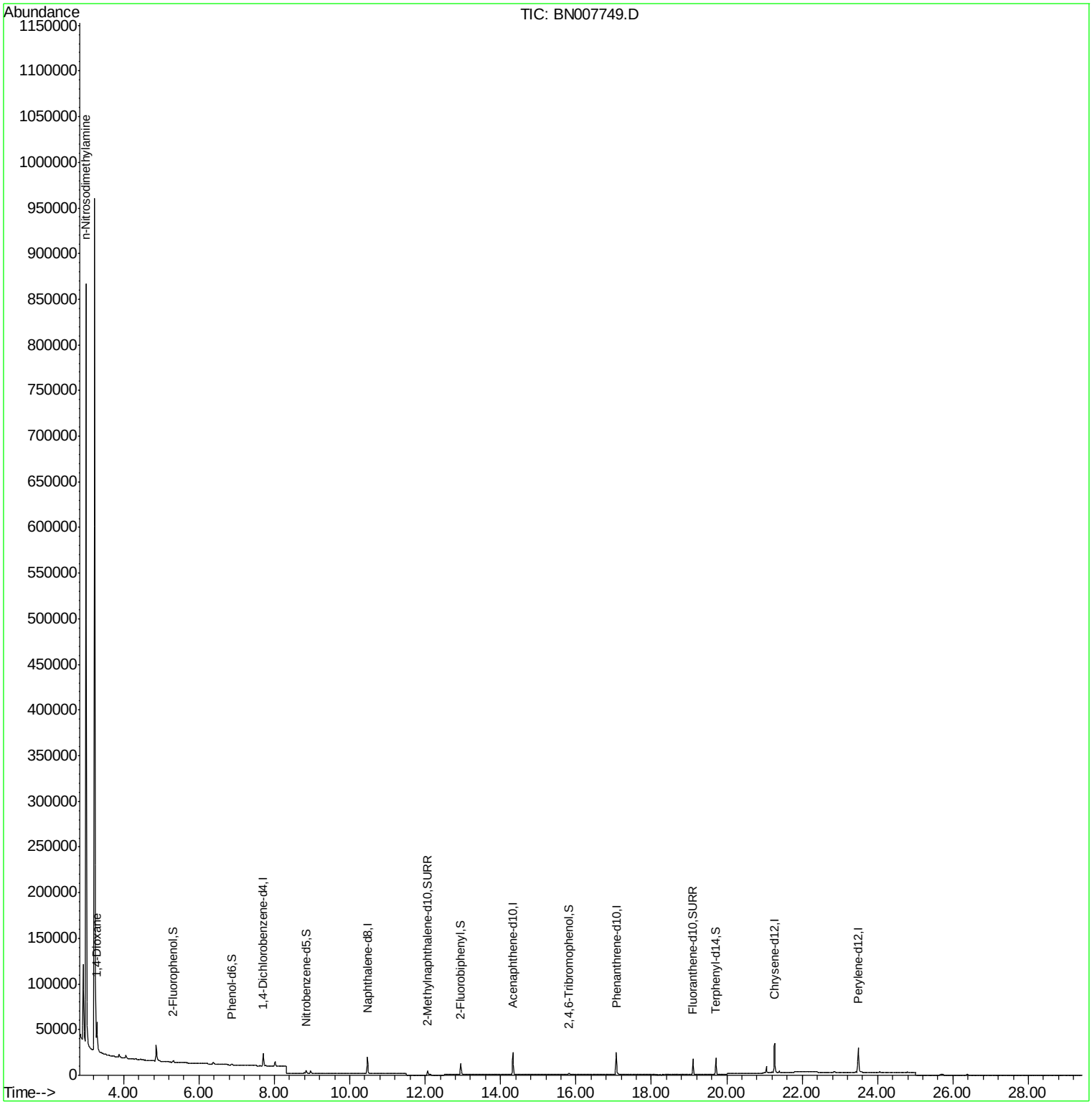
(#) = qualifier out of range (m) = manual integration (+) = signals summed

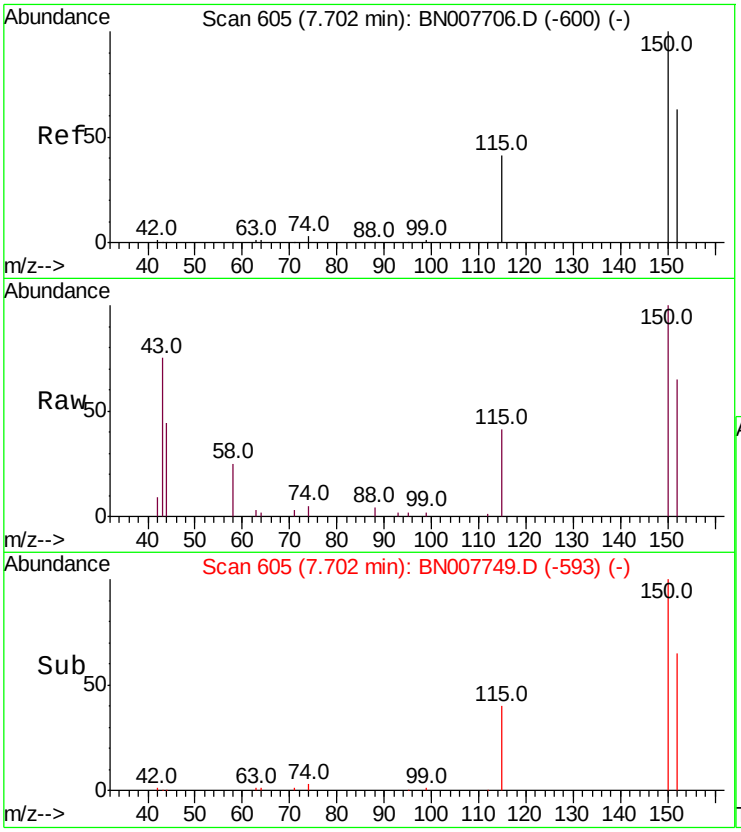
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007749.D
Acq On : 19 Sep 2019 19:58
Operator : HP/JU
Sample : K4858-12 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Quant Time: Sep 20 01:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



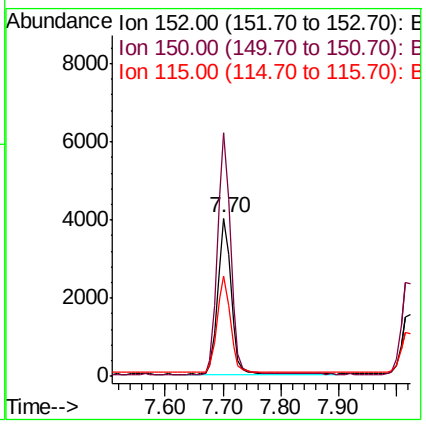


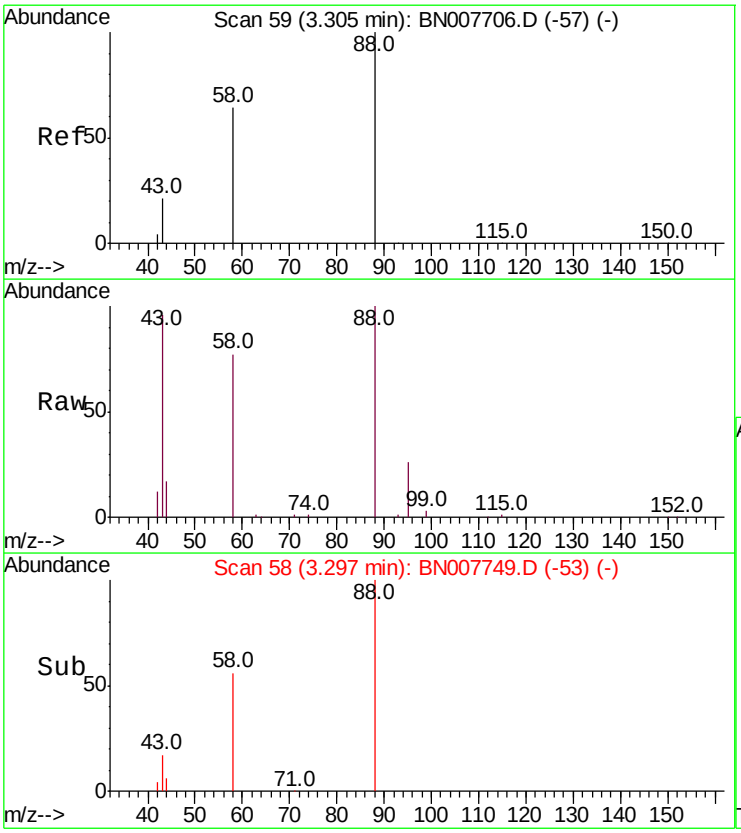

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion:152 Resp: 6374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.7 | 125.6 | 188.4 |
| 115 | 63.1 | 53.3 | 79.9 |

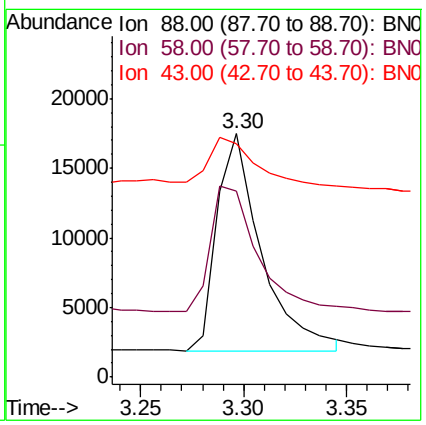


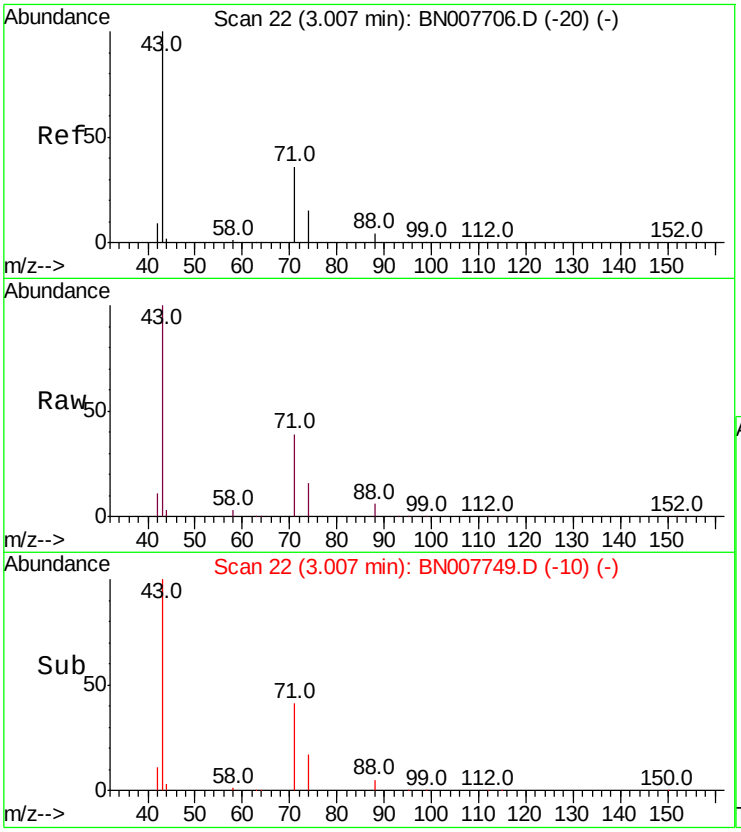




#2
1,4-Dioxane
Concen: 3.269 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion: 88 Resp: 23222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.9 | 44.6 | 66.8 |
| 43 | 22.8 | 14.4 | 21.6# |



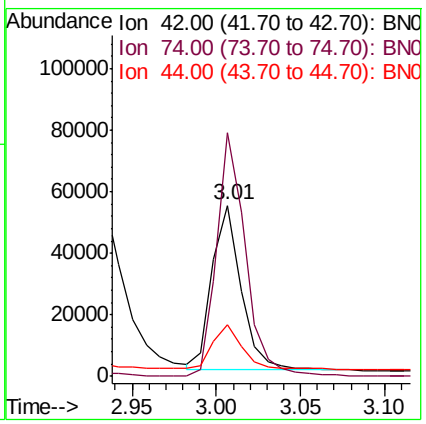


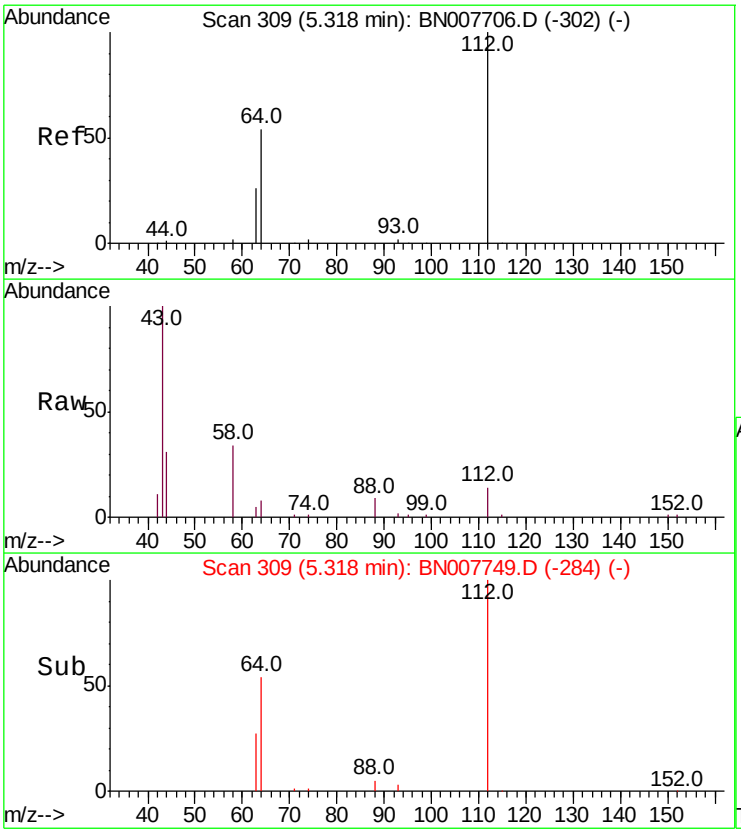

#3
n-Nitrosodimethylamine
Concen: 19.677 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion: 42 Resp: 64029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 144.6 | 87.9 | 131.9# |
| 44 | 26.7 | 29.4 | 44.0# |

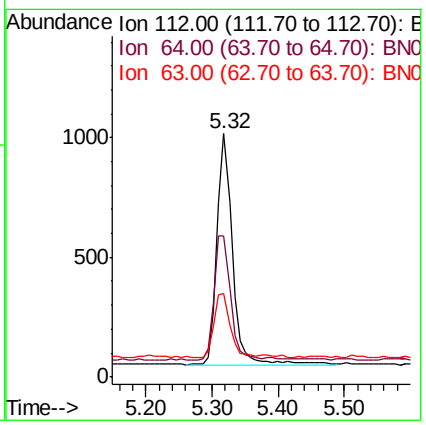


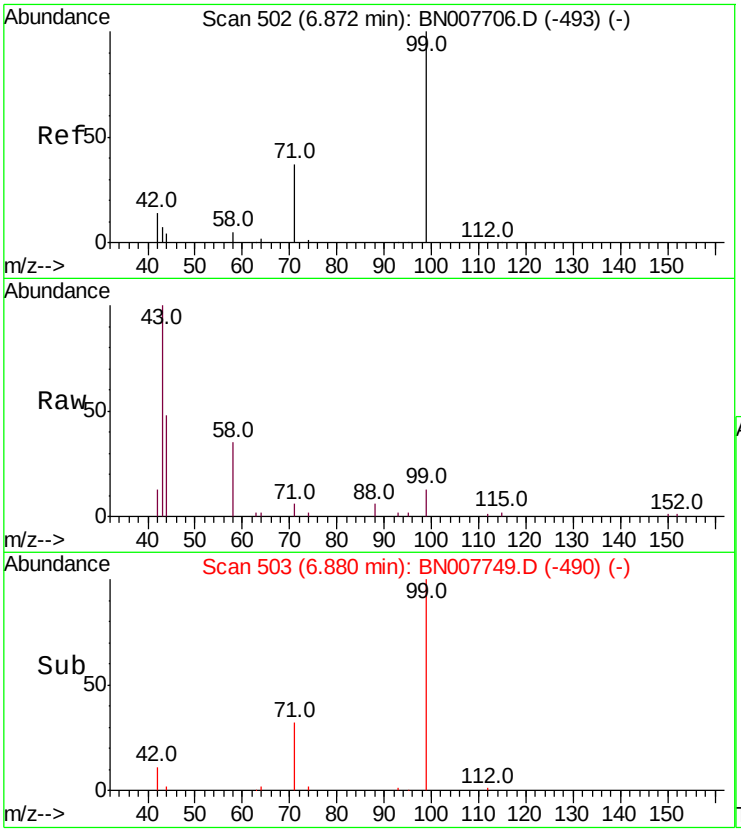




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:112 Resp: 1551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.0 | 46.6 | 70.0 |
| 63 | 29.3 | 23.1 | 34.7 |



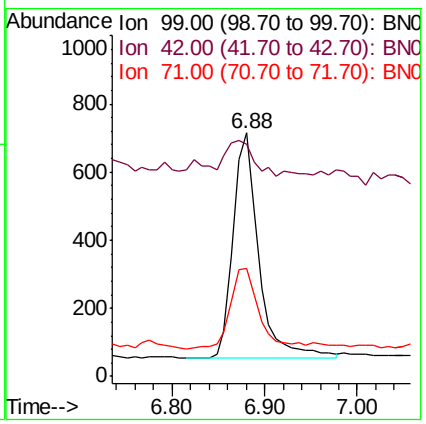


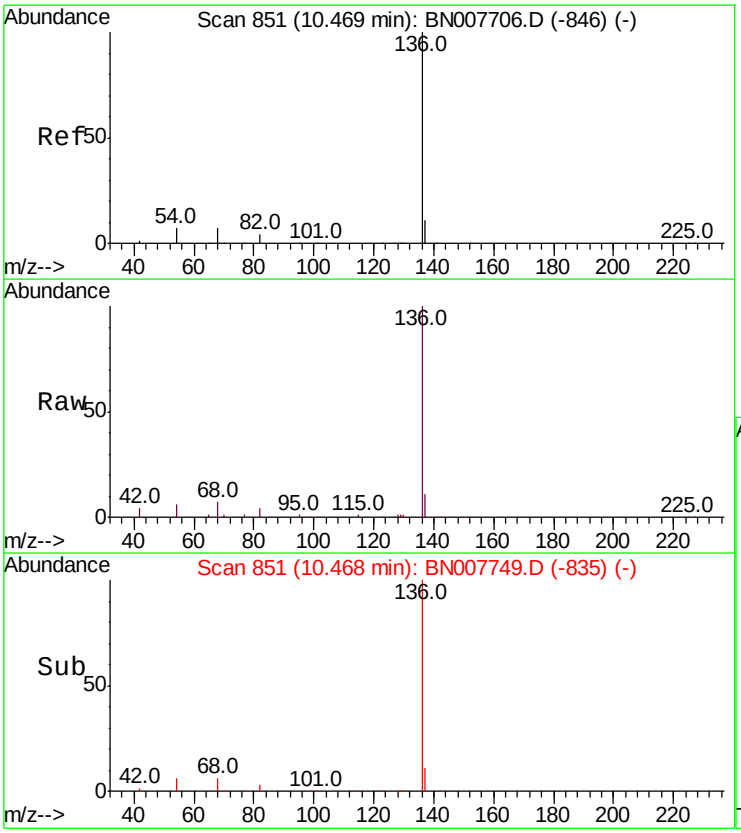

#5
Phenol-d6
Concen: 0.040 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion: 99 Resp: 1257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 12.8 | 19.2 |
| 71 | 40.3 | 27.6 | 41.4 |

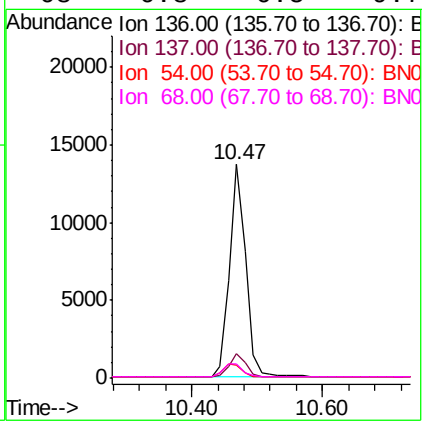


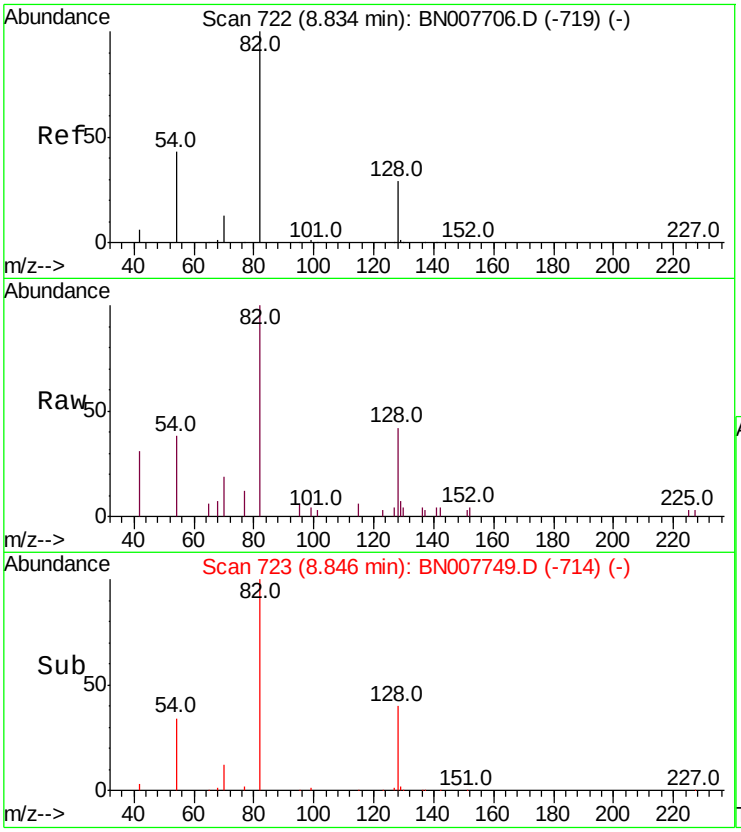




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:136 Resp: 23712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 6.3 | 5.8 | 8.8 |
| 68 | 6.8 | 6.5 | 9.7 |



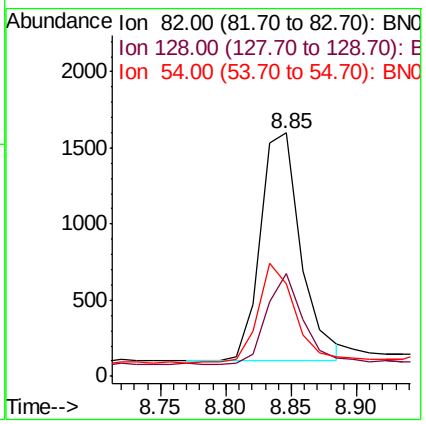


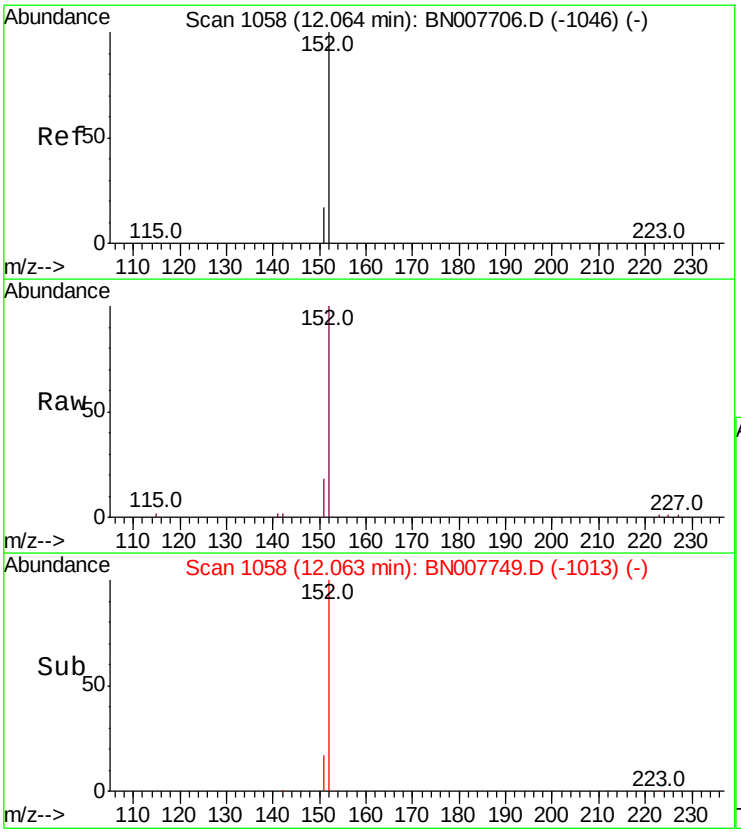

#8
Nitrobenzene-d5
Concen: 0.156 ng
RT: 8.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion: 82 Resp: 3230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.2 | 24.5 | 36.7# |
| 54 | 38.1 | 35.2 | 52.8 |

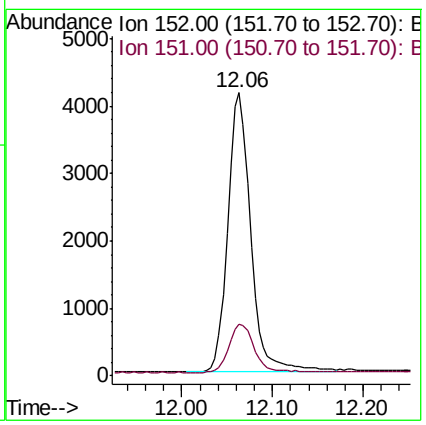


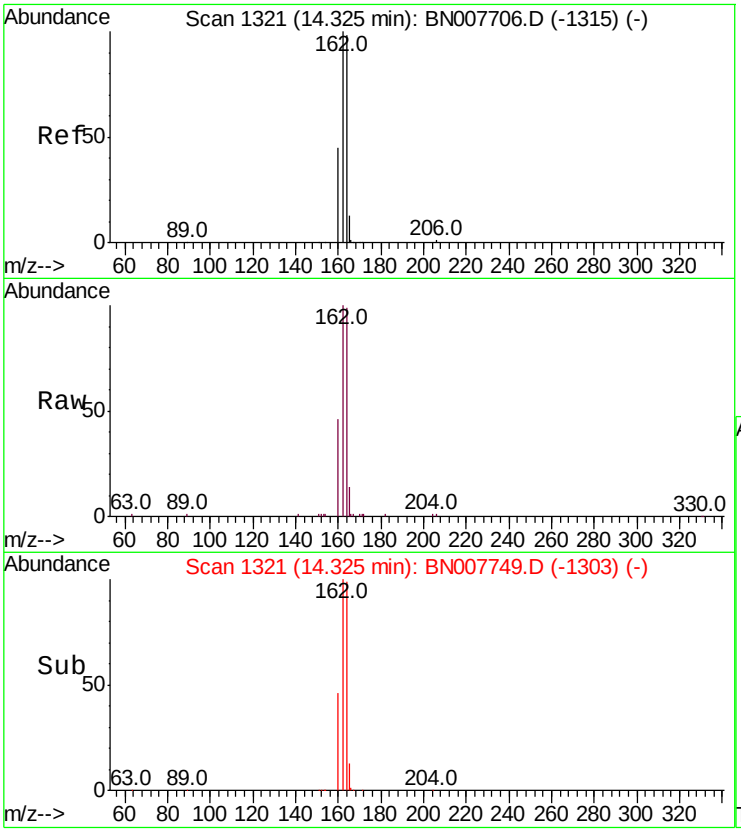




#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:152 Resp: 7288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.4 | 23.2 |



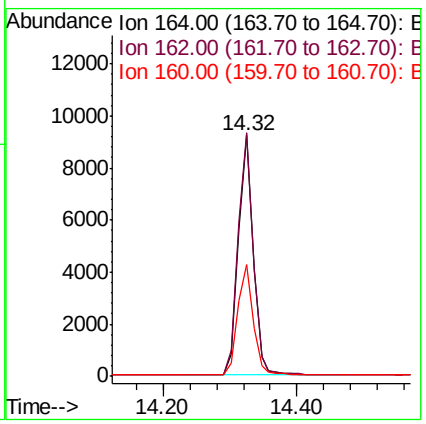


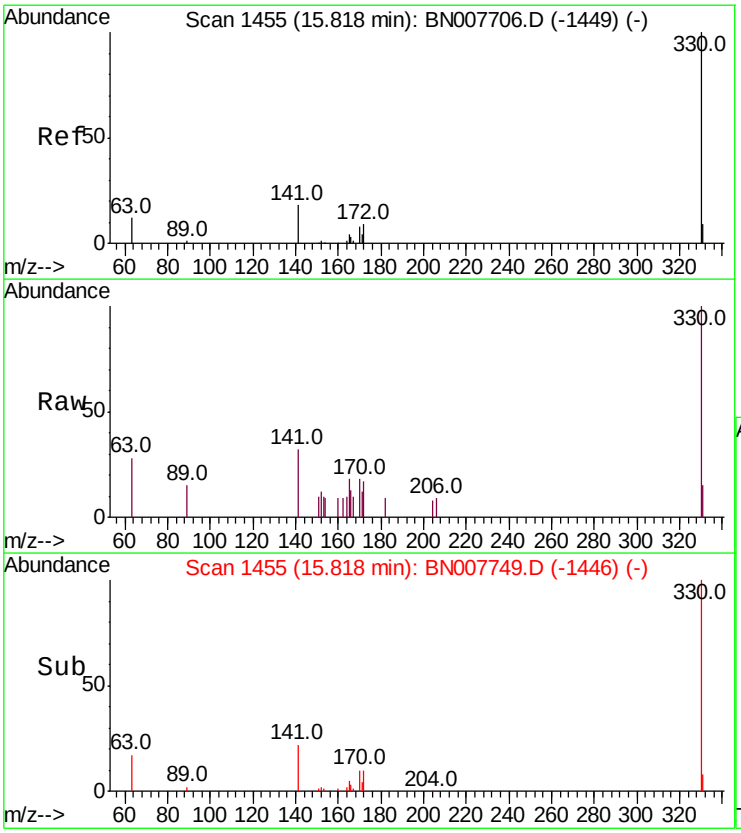

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion:164 Resp: 14007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 81.7 | 122.5 |
| 160 | 46.6 | 37.0 | 55.4 |

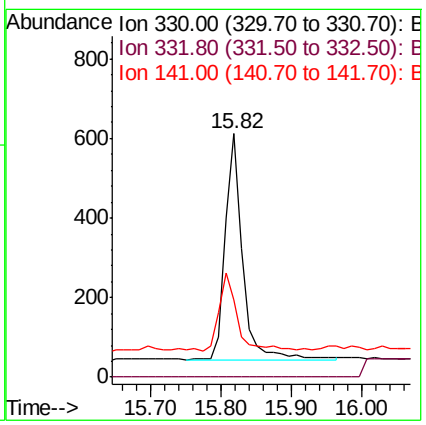


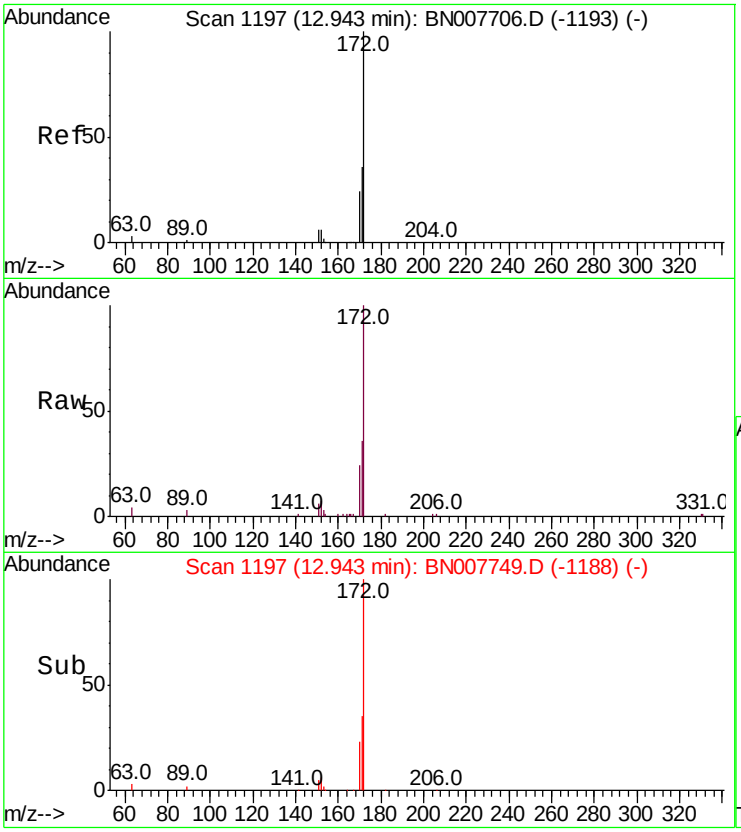




#14
2,4,6-Tribromophenol
Concen: 0.130 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:330 Resp: 992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 36.3 | 28.7 | 43.1 |



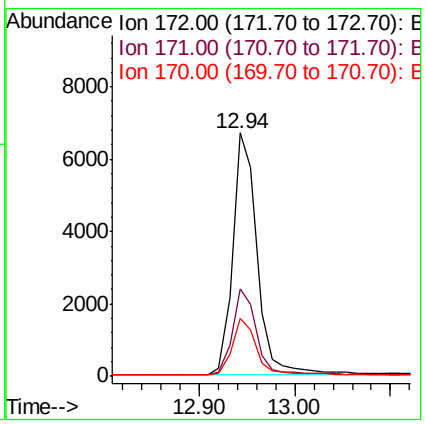


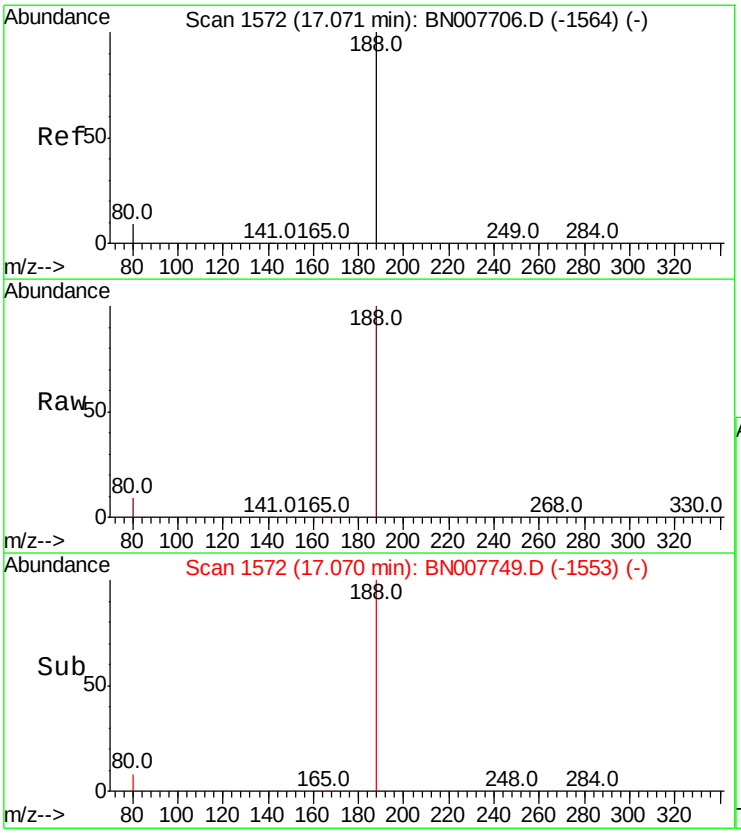

#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion:172 Resp: 11794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.8 | 43.2 |
| 170 | 23.9 | 19.5 | 29.3 |

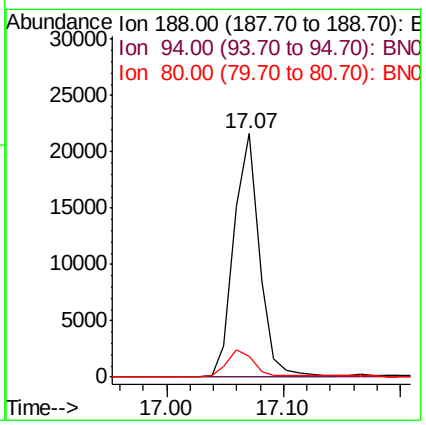


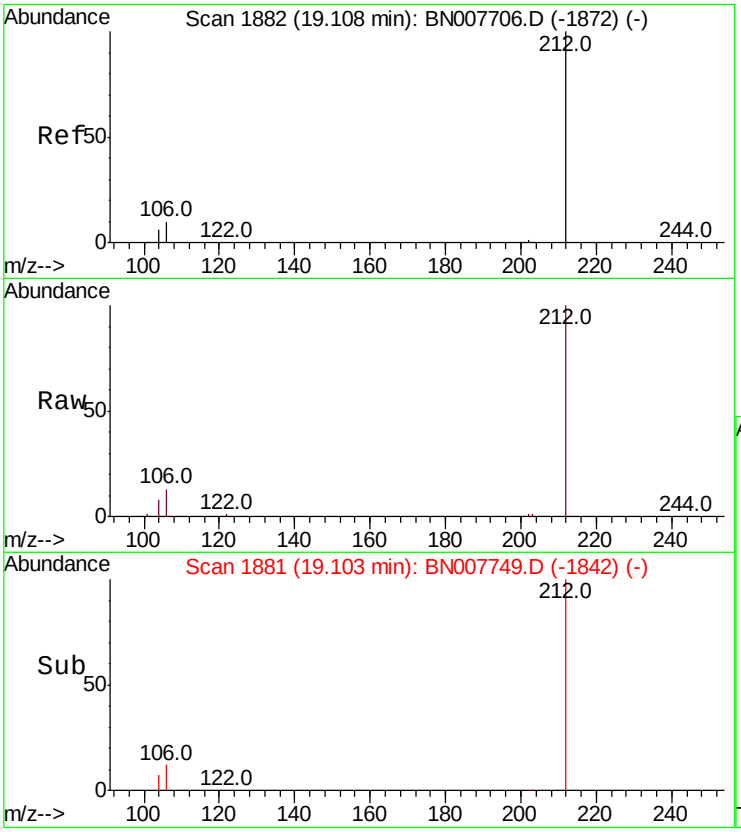




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:188 Resp: 32345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.6 | 7.4 | 11.2 |



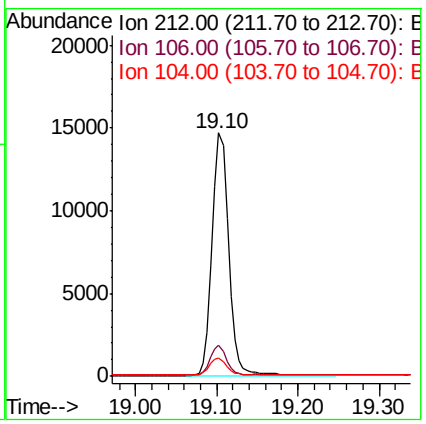


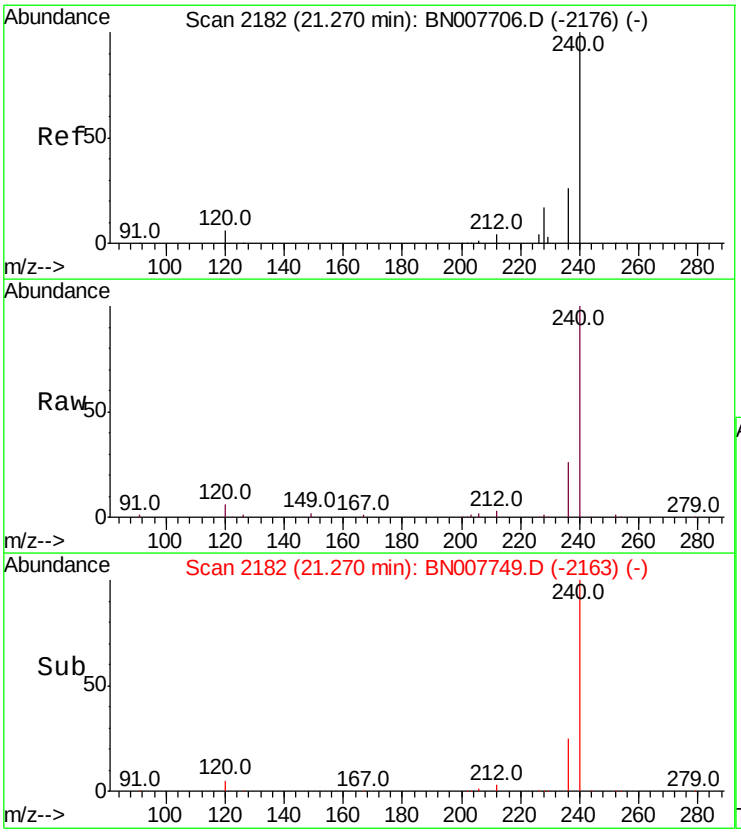

#25
Fluoranthene-d10
Concen: 0.191 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion:212 Resp: 20815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 11.8 | 9.4 | 14.0 |
| 104 | 6.7 | 5.3 | 7.9 |

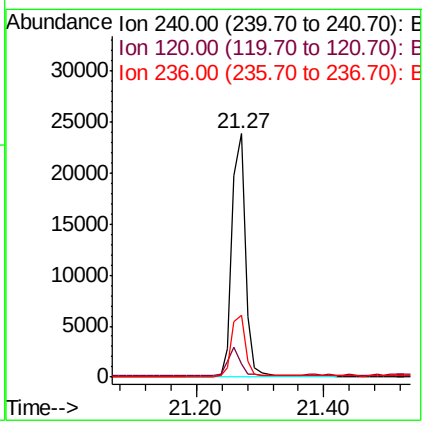


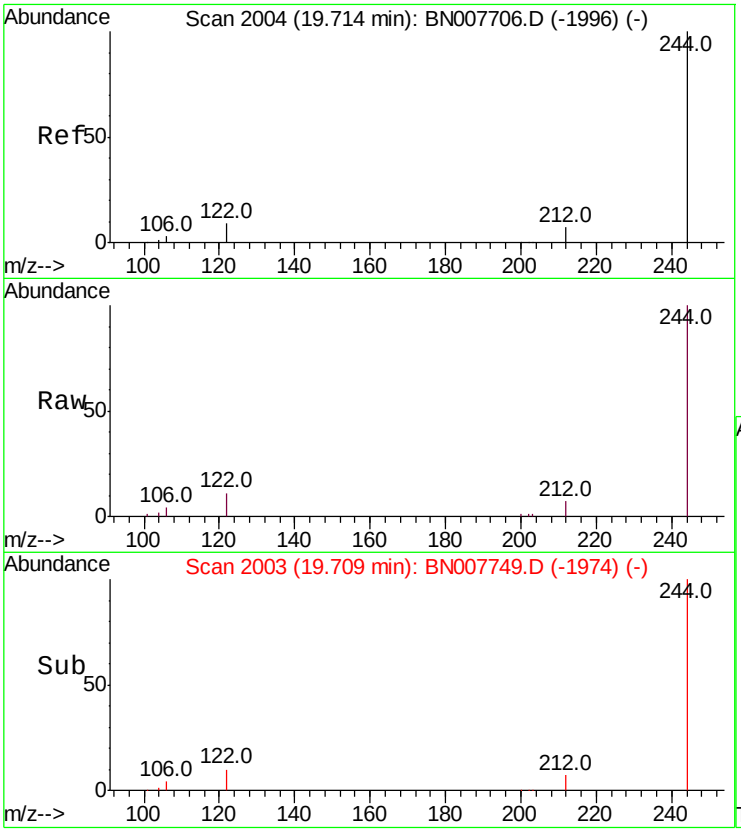




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:240 Resp: 34589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 5.4 | 8.2 |
| 236 | 25.6 | 21.0 | 31.4 |



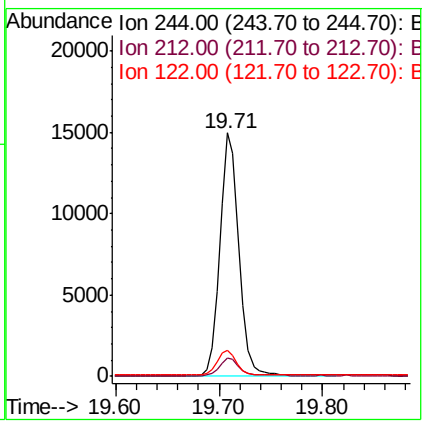


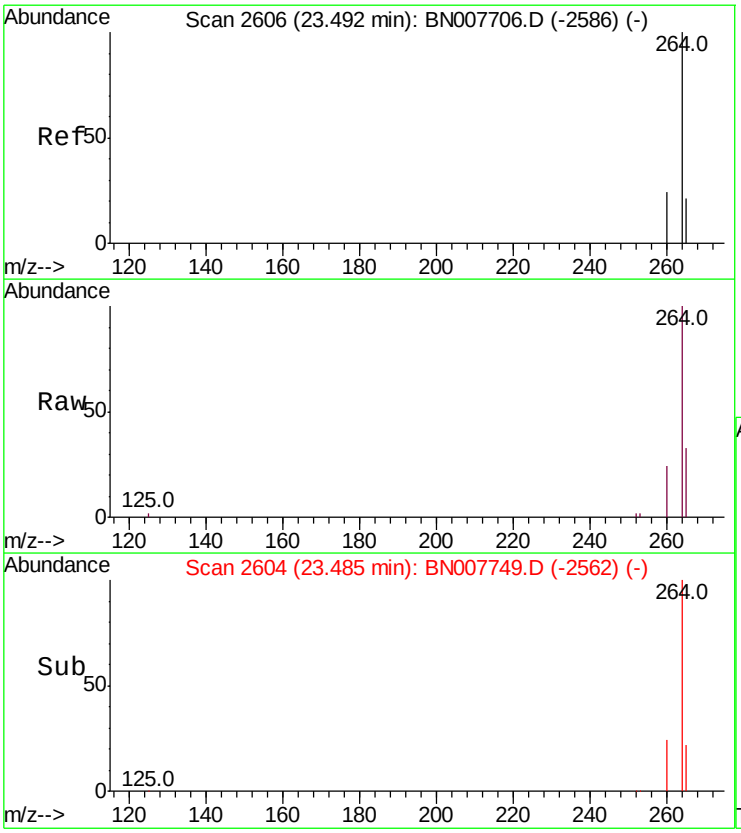

#29
Terphenyl-d14
Concen: 0.220 ng
RT: 19.71 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

**Instrument :**
BNA_N
**ClientSampleId :**
DUP01-20190909DL

Tgt Ion:244 Resp: 18730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.9 | 8.9 |
| 122 | 10.5 | 7.4 | 11.2 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:264 Resp: 35466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.3 | 28.9 |
| 265 | 33.3 | 26.9 | 40.3 |