Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009026.D
Acq On : 18 Dec 2019 21:51
Operator : JU
Sample : K6237-04RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** KY038PS038-191209RE

Quant Time: Dec 19 10:22:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 3878 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.29 | 136 | 15302 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.17 | 164 | 10616 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.91 | 188 | 24611 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.12 | 240 | 20660 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.26 | 264 | 18402 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.18 | 112 | 1726 | 0.18 | ng | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 1402 | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.68 | 82 | 4822 | 0.37 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.89 | 152 | 9989 | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.66 | 330 | 1820 | 0.36 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.79 | 172 | 14748 | 0.37 | ng | 0.00 |
| 25) Fluoranthene-d10 | 18.95 | 212 | 29533 | 0.40 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.56 | 244 | 22007 | 0.47 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 6961 | 0.203 | ng | 98 |

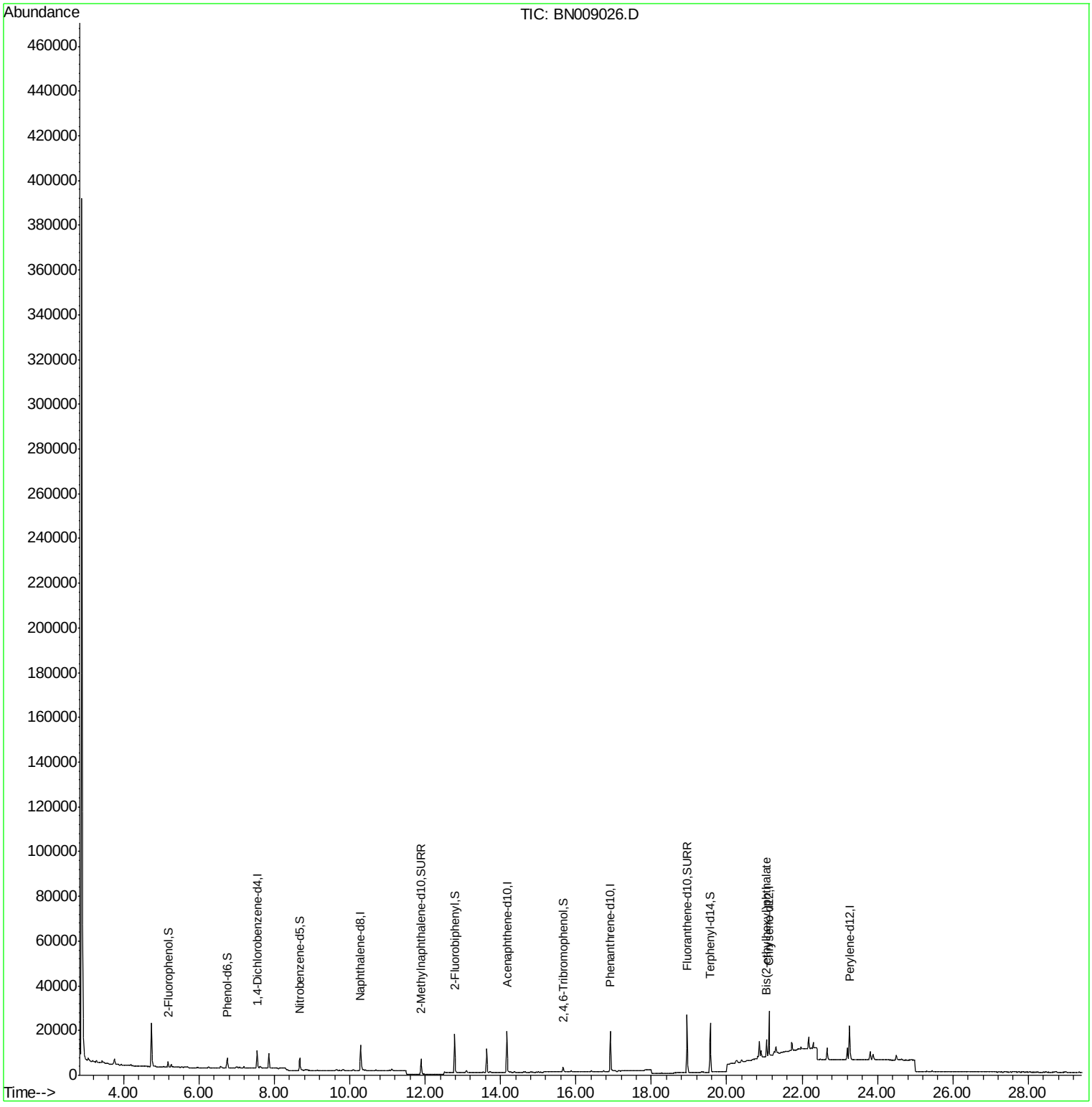
(#) = qualifier out of range (m) = manual integration (+) = signals summed

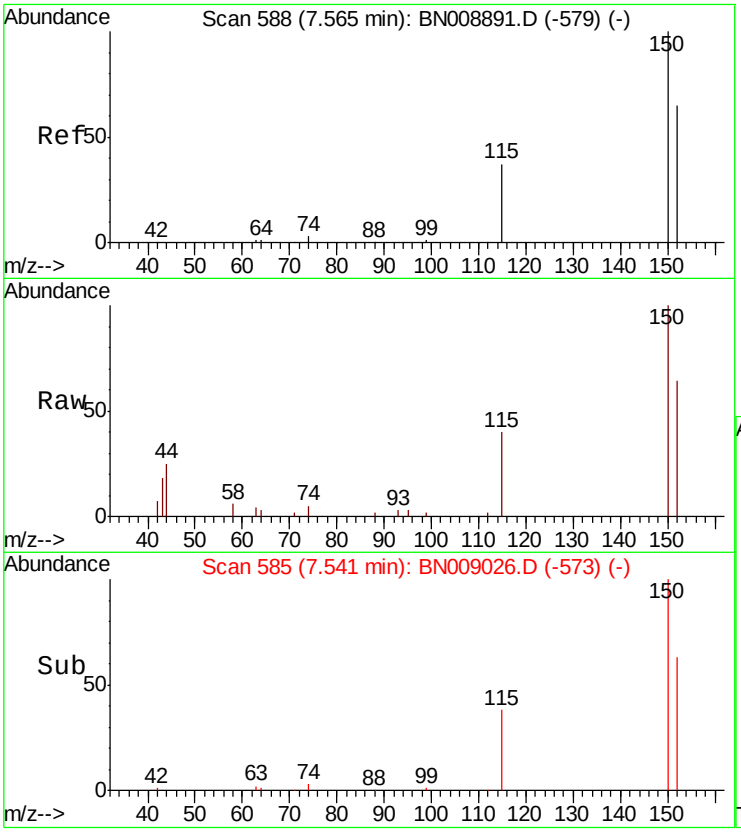
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009026.D
Acq On : 18 Dec 2019 21:51
Operator : JU
Sample : K6237-04RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Quant Time: Dec 19 10:22:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration



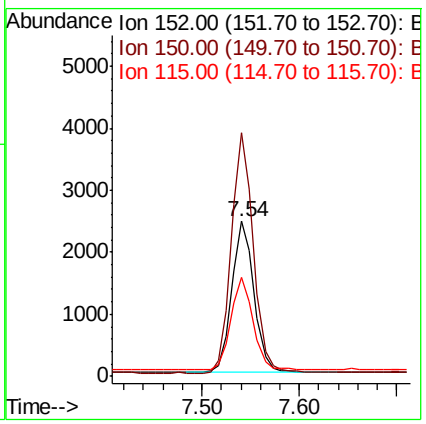


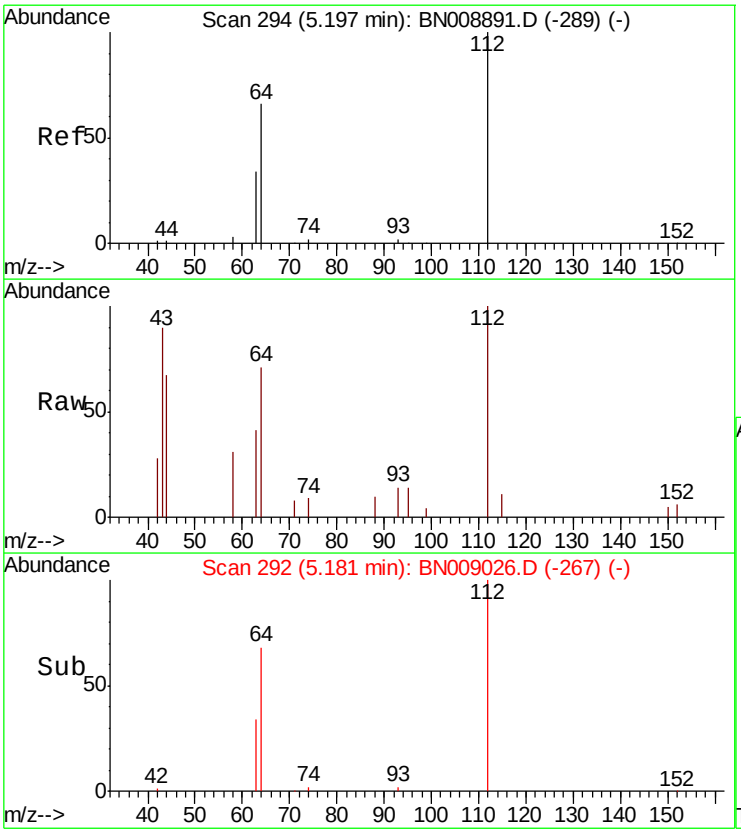

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:152 Resp: 3878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 122.3 | 183.5 |
| 115 | 63.5 | 48.4 | 72.6 |

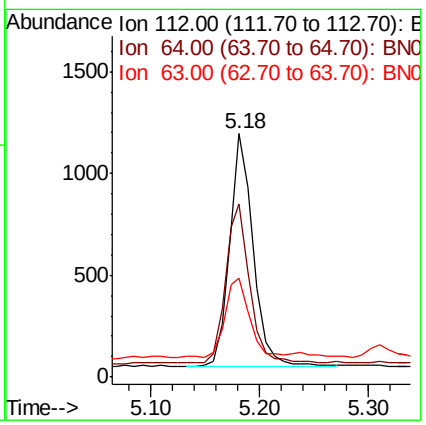


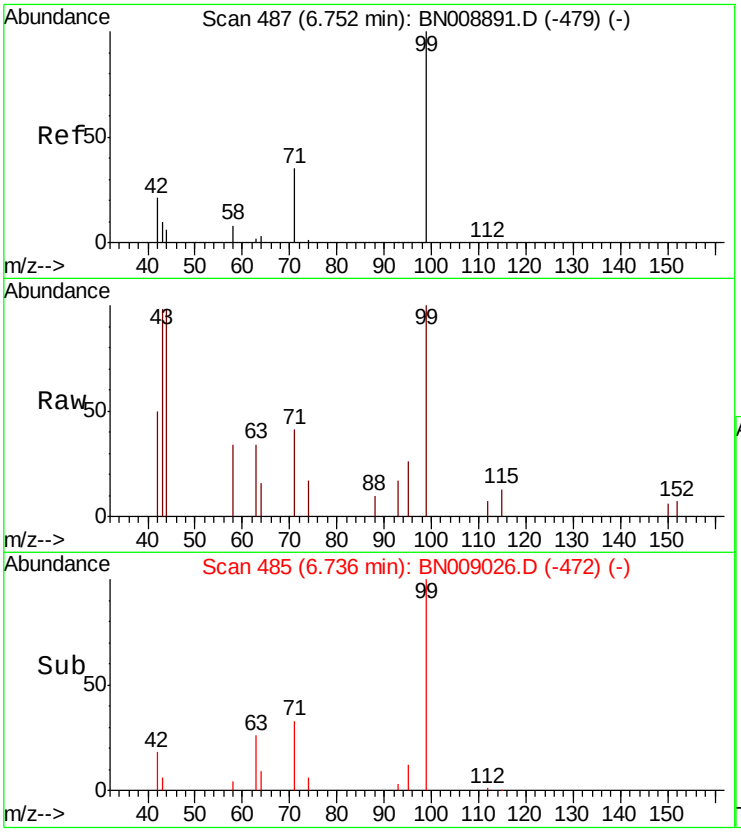




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:112 Resp: 1726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.1 | 57.7 | 86.5 |
| 63 | 34.7 | 29.6 | 44.4 |



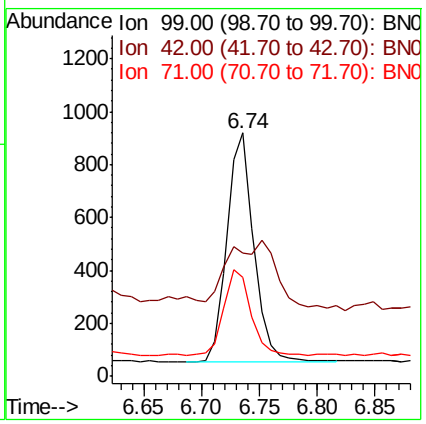


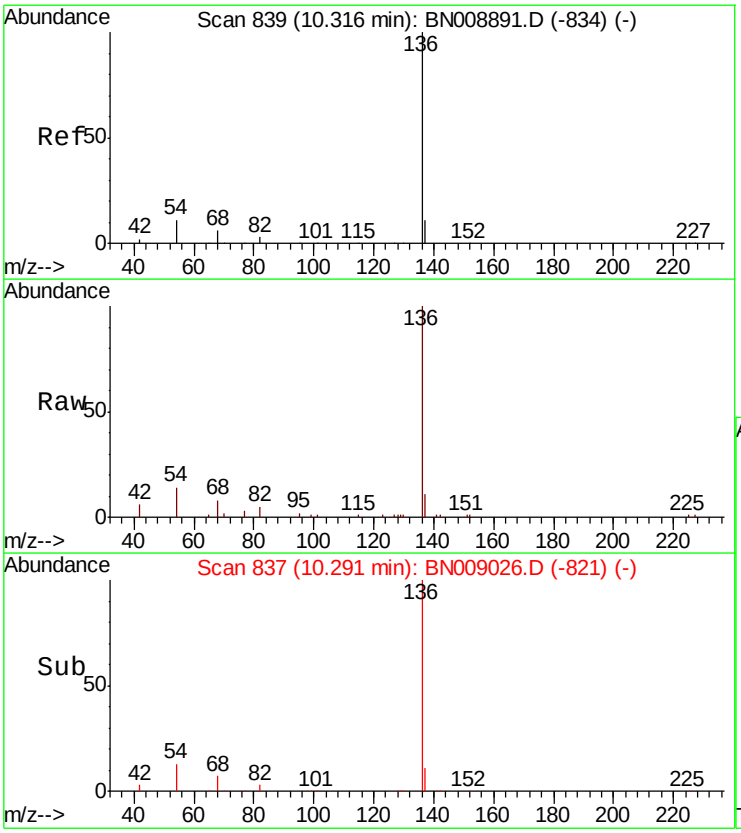

#5
Phenol-d6
Concen: 0.103 ng
RT: 6.74 min Scan# 485
Delta R.T. 0.01 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion: 99 Resp: 1402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 20.1 | 30.1# |
| 71 | 37.0 | 28.2 | 42.2 |

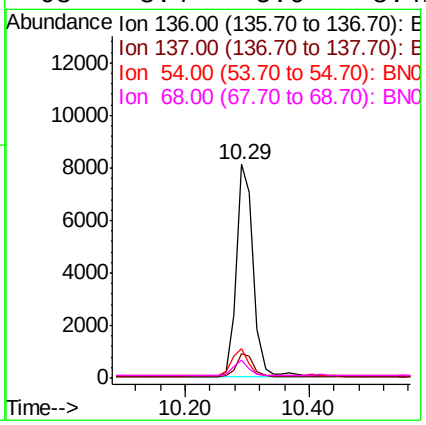


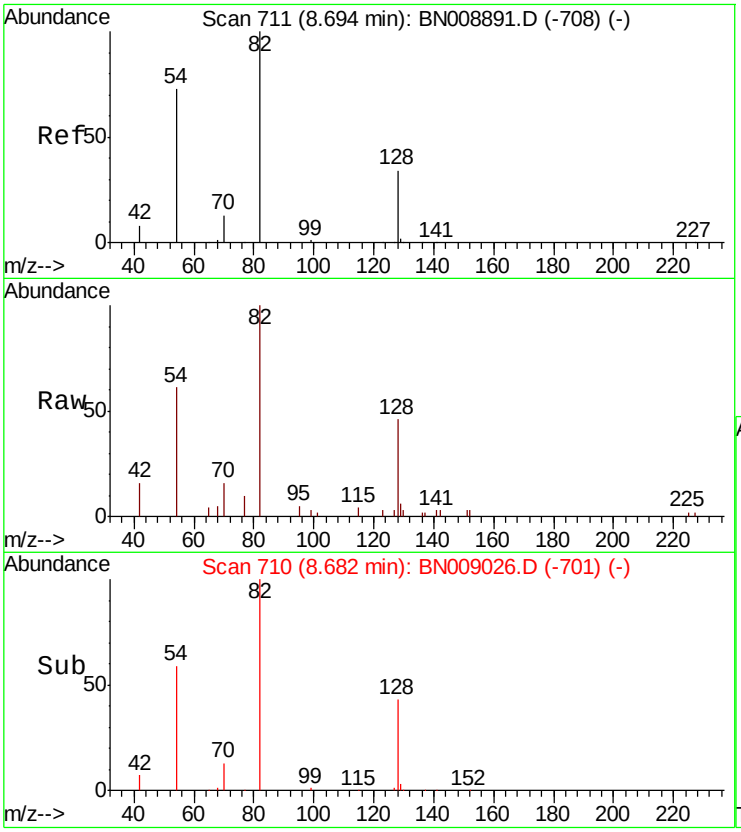




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:136 Resp: 15302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.2 | 13.8 |
| 54 | 14.0 | 9.6 | 14.4 |
| 68 | 8.4 | 5.6 | 8.4# |



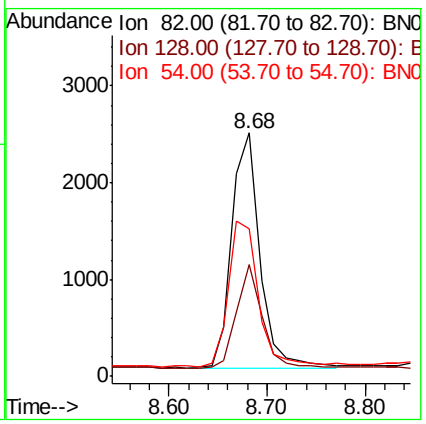


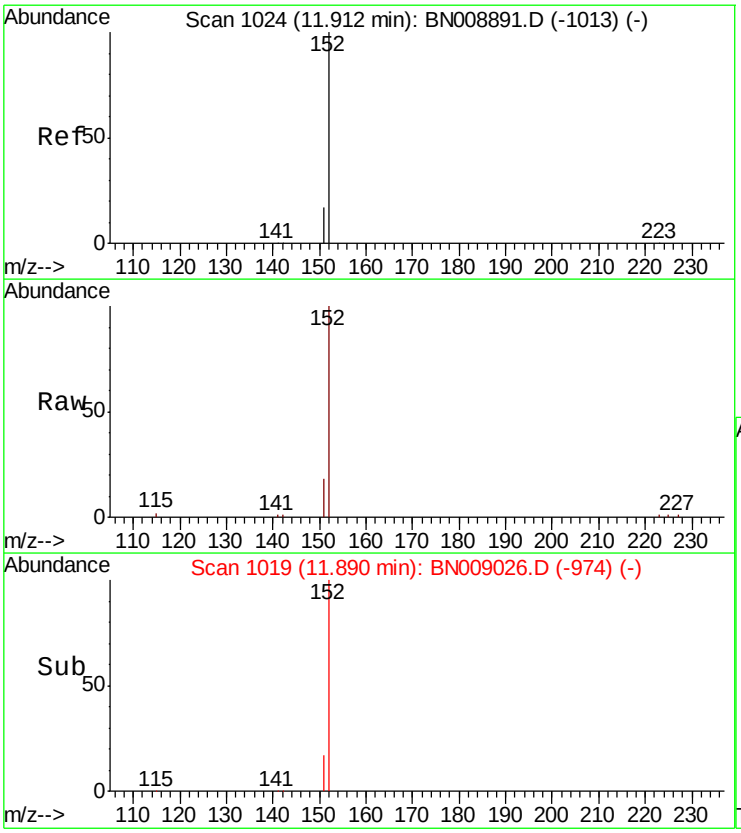

#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.01 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion: 82 Resp: 4822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.7 | 29.1 | 43.7# |
| 54 | 60.8 | 59.7 | 89.5 |

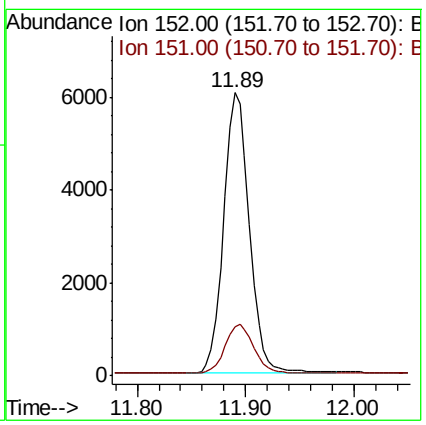


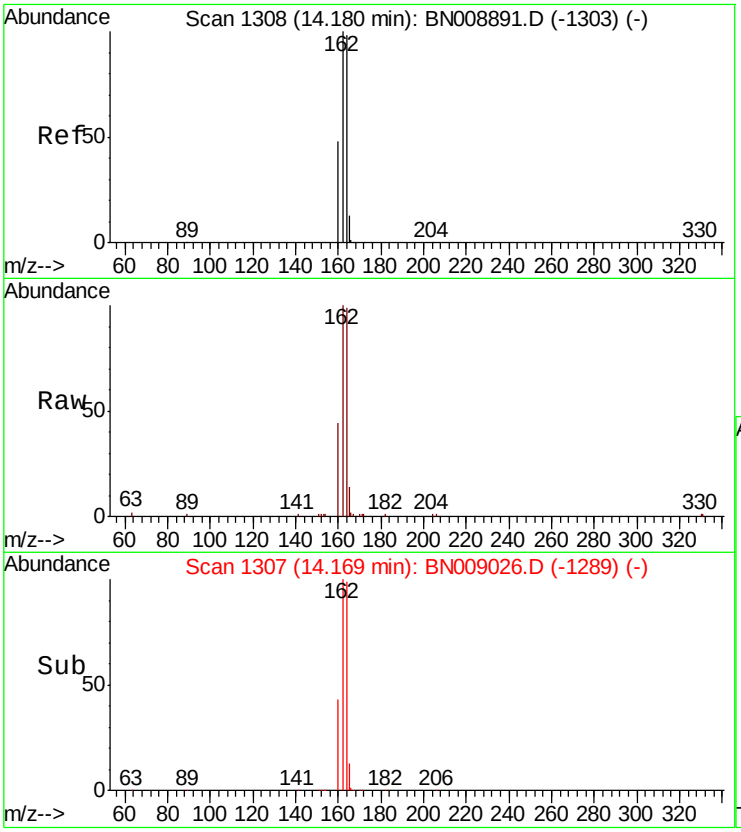




#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.89 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:152 Resp: 9989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.2 | 22.8 |



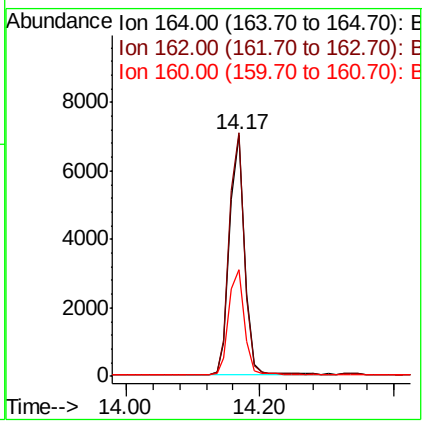


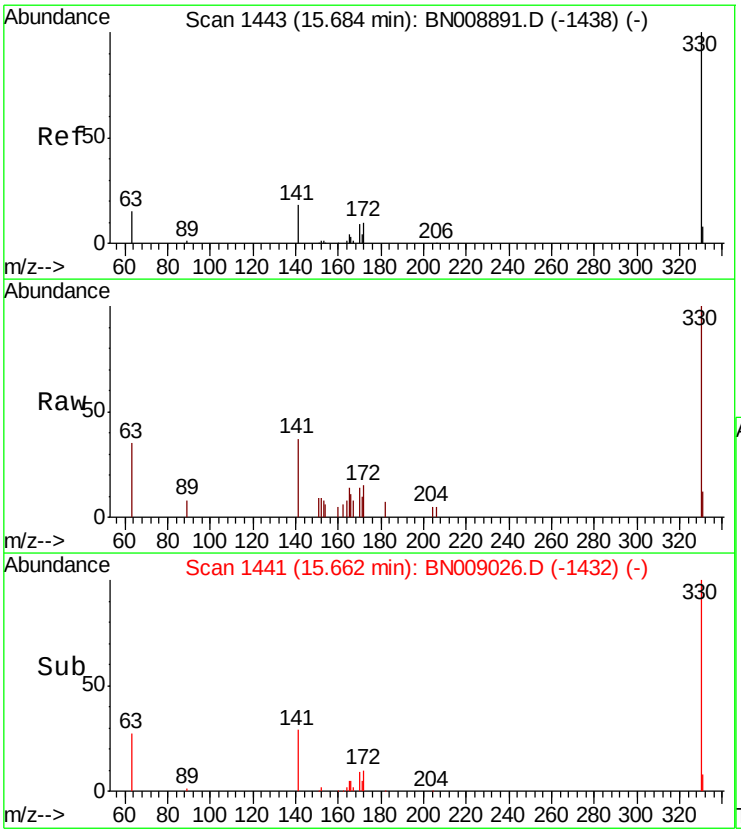

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:164 Resp: 10616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 81.9 | 122.9 |
| 160 | 43.9 | 39.3 | 58.9 |

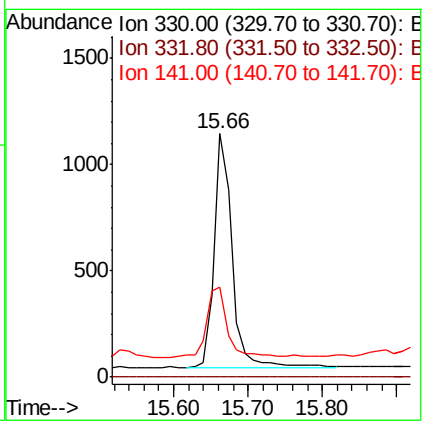


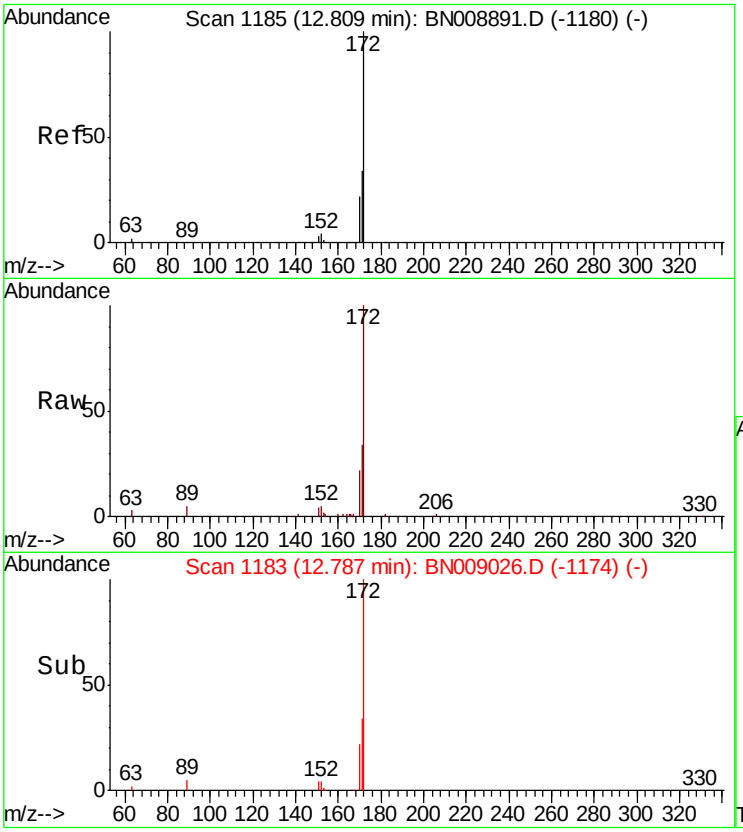




#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:330 Resp: 1820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 35.9 | 29.6 | 44.4 |



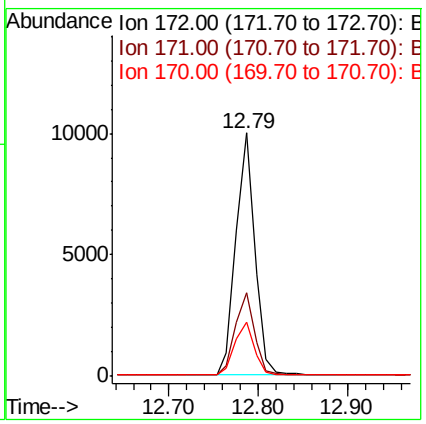


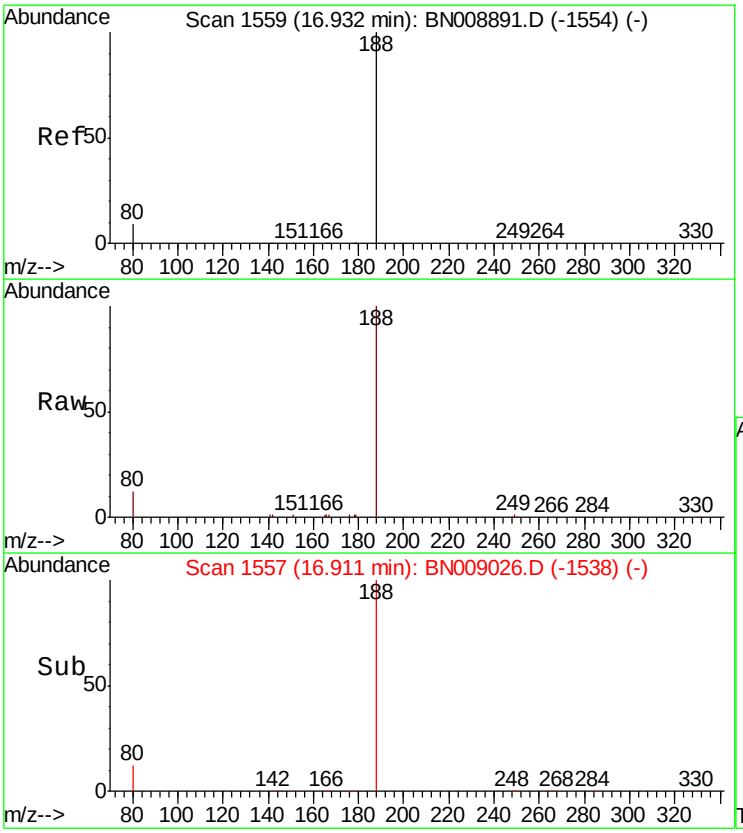

#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:172 Resp: 14748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 27.1 | 40.7 |
| 170 | 22.2 | 17.7 | 26.5 |

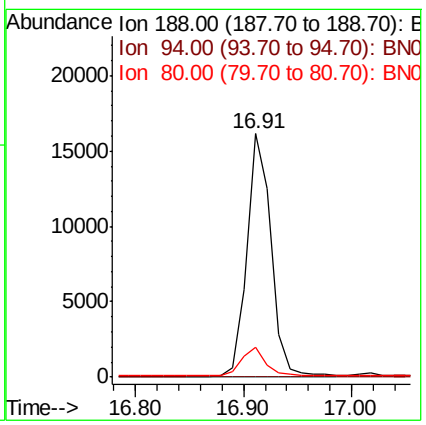


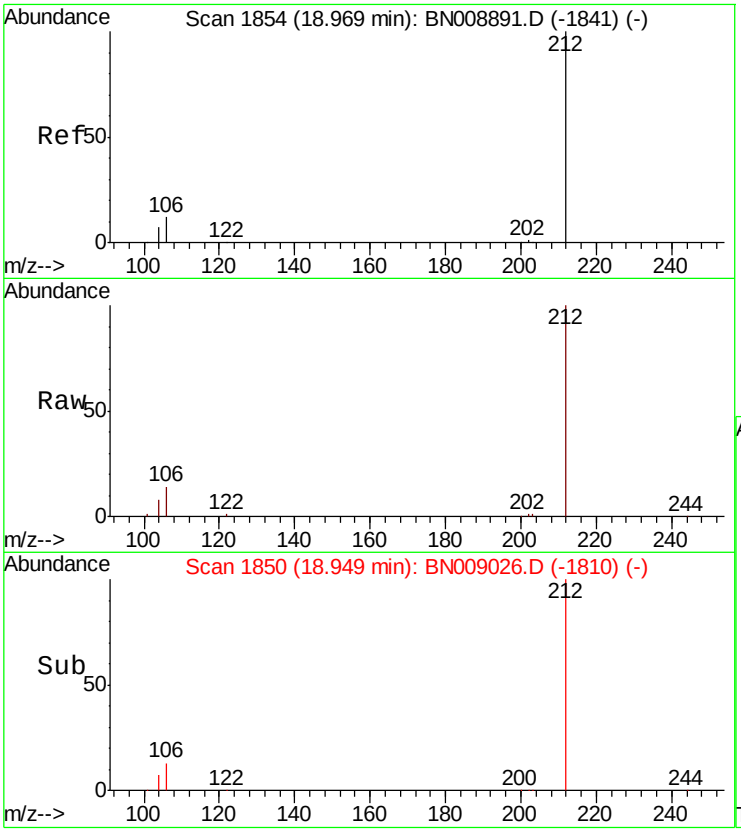




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:188 Resp: 24611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.3 | 7.3 | 10.9# |



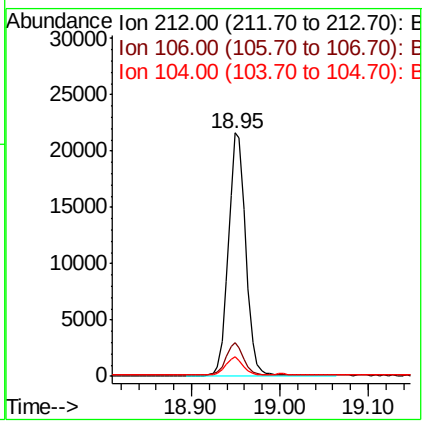


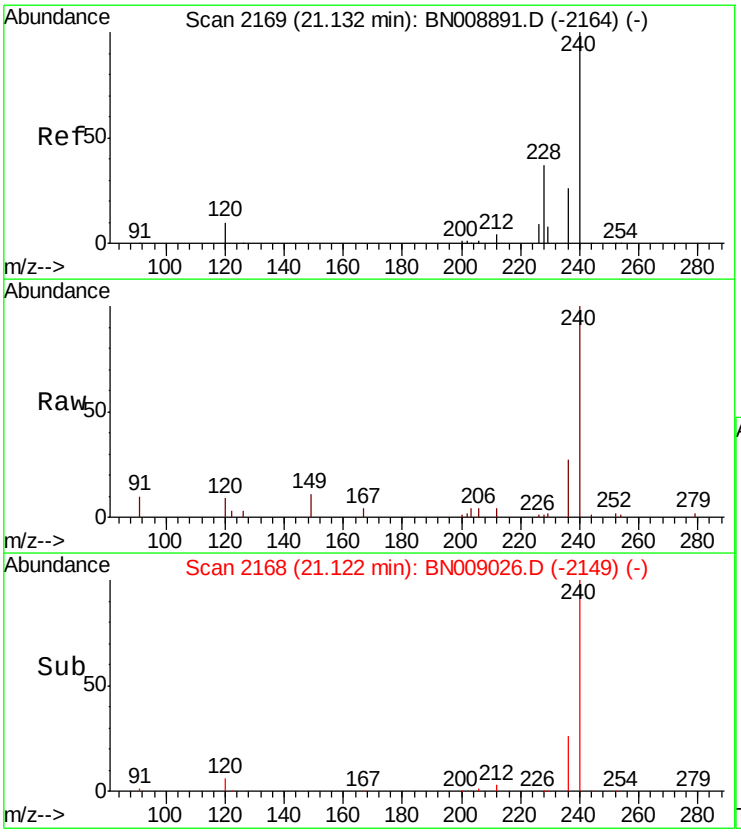

#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.95 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:212 Resp: 29533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.9 | 10.4 | 15.6 |
| 104 | 7.2 | 5.9 | 8.9 |

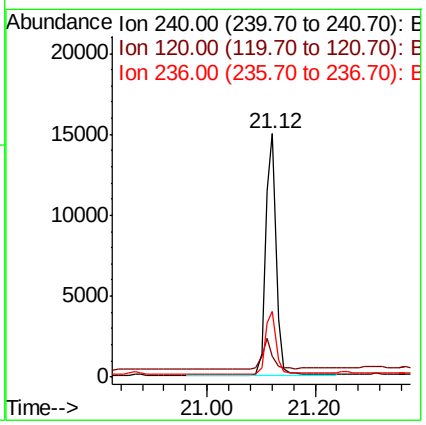


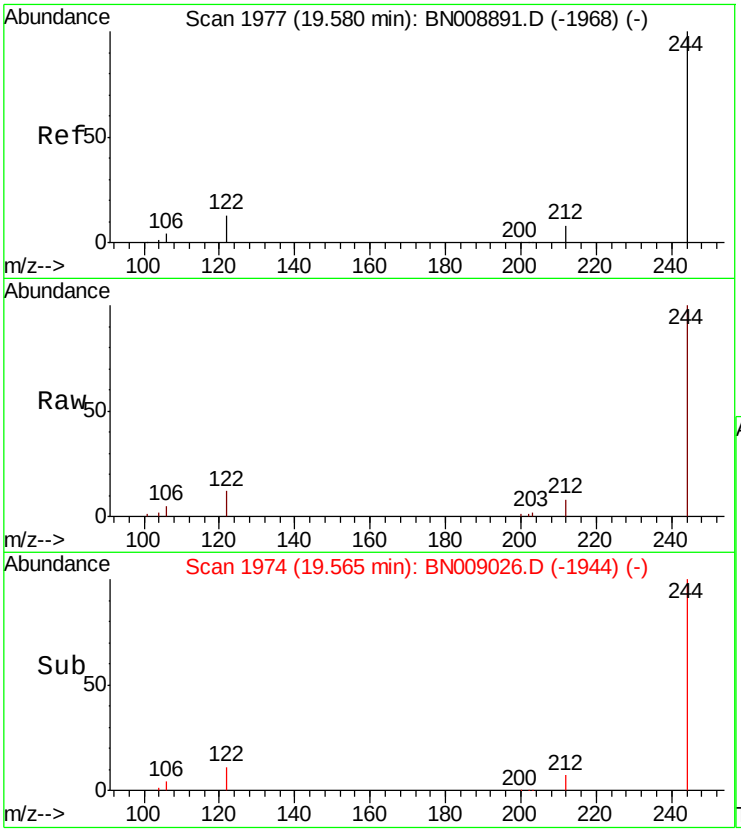




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:240 Resp: 20660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 9.1 | 13.7# |
| 236 | 26.7 | 21.5 | 32.3 |



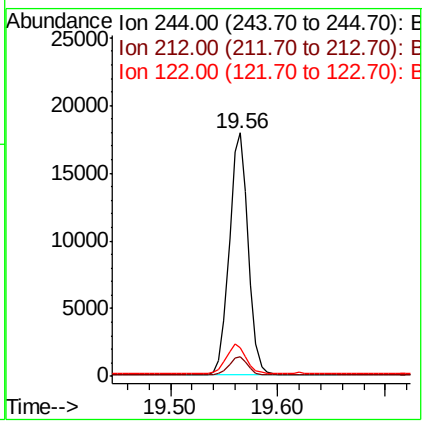


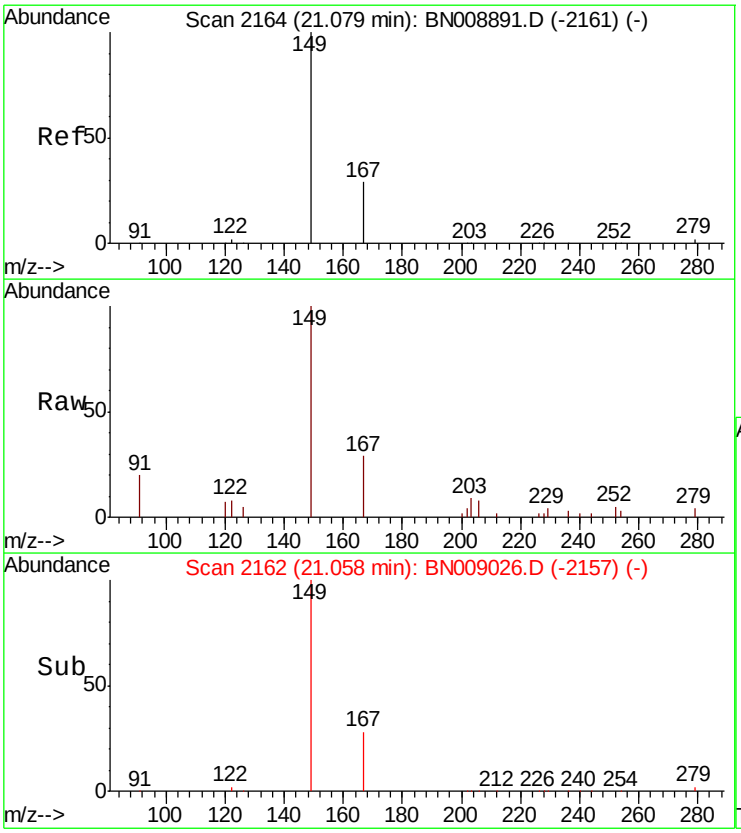

#29
Terphenyl-d14
Concen: 0.467 ng
RT: 19.56 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:244 Resp: 22007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.5 | 9.7 |
| 122 | 11.9 | 10.4 | 15.6 |

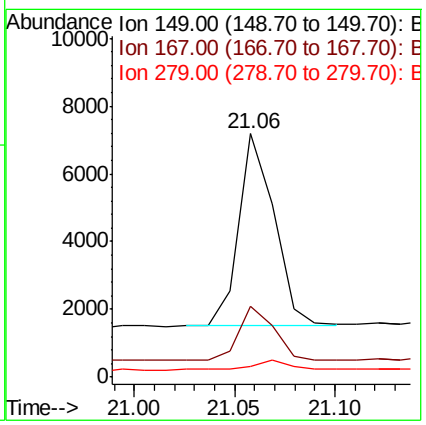


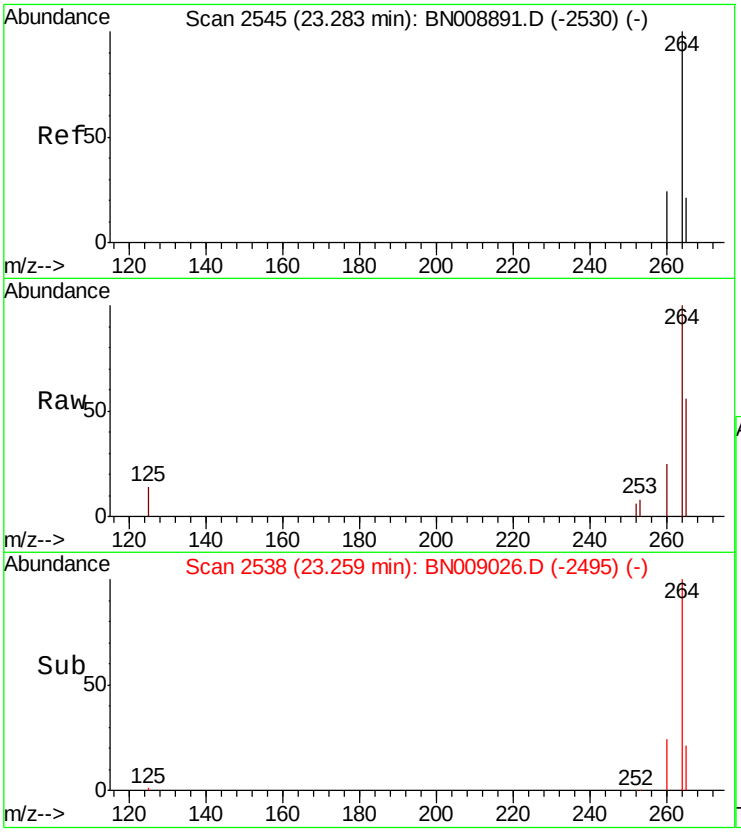




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.203 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:149 Resp: 6961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.7 | 34.1 |
| 279 | 4.2 | 3.3 | 4.9 |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

**Instrument :**
BNA_N
**ClientSampleId :**
KY038PS038-191209RE

Tgt Ion:264 Resp: 18402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.4 | 29.0 |
| 265 | 55.9 | 47.5 | 71.3 |