Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006654.D
Acq On : 01 Jul 2019 09:47
Operator : HP/JU
Sample : K3504-19MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PST-013-B213-062019MS

Quant Time: Jul 02 05:03:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 3897 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.40 | 136 | 15313 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.27 | 164 | 8444 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.03 | 188 | 18824 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.26 | 240 | 16871 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.51 | 264 | 18431 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.24 | 112 | 3510 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.81 | 99 | 4936 | 0.39 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.79 | 82 | 3442 | 0.33 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.00 | 152 | 8228 | 0.34 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.78 | 330 | 1349 | 0.34 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 10436 | 0.33 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.08 | 212 | 16458 | 0.30 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.68 | 244 | 11722 | 0.33 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 1483 | 0.275 | ng | # | 55 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 1529 | 0.361 | ng | # | 89 |
| 6) bis(2-Chloroethyl)ether | 7.06 | 93 | 3468 | 0.307 | ng | | 87 |
| 9) Naphthalene | 10.44 | 128 | 15457 | 0.384 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.72 | 225 | 2599 | 0.314 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.07 | 142 | 10340 | 0.372 | ng | | 99 |
| 16) Acenaphthylene | 13.99 | 152 | 23338 | 0.580 | ng | | 100 |
| 17) Acenaphthene | 14.33 | 154 | 9328 | 0.352 | ng | | 99 |
| 18) Fluorene | 15.32 | 166 | 12236 | 0.366 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.22 | 248 | 3485 | 0.334 | ng | # | 87 |
| 21) Hexachlorobenzene | 16.35 | 284 | 4078 | 0.309 | ng | | 100 |
| 22) Pentachlorophenol | 16.72 | 266 | 591 | 0.388 | ng | | 95 |
| 23) Phenanthrene | 17.07 | 178 | 42693 | 0.798 | ng | | 100 |
| 24) Anthracene | 17.16 | 178 | 22451 | 0.483 | ng | | 98 |
| 26) Fluoranthene | 19.11 | 202 | 72472 | 1.114 | ng | | 99 |
| 28) Pyrene | 19.47 | 202 | 86560 | 1.466 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 49365 | 0.895 | ng | | 97 |
| 31) Chrysene | 21.30 | 228 | 53216 | 0.895 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 70454 | 2.538 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 40274 | 0.669 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.84 | 252 | 56061 | 0.894 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 34704 | 0.519 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.41 | 252 | 46286 | 0.790 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 25.76 | 278 | 22696 | 0.443 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 26.43 | 276 | 38572 | 0.755 | ng | | 100 |

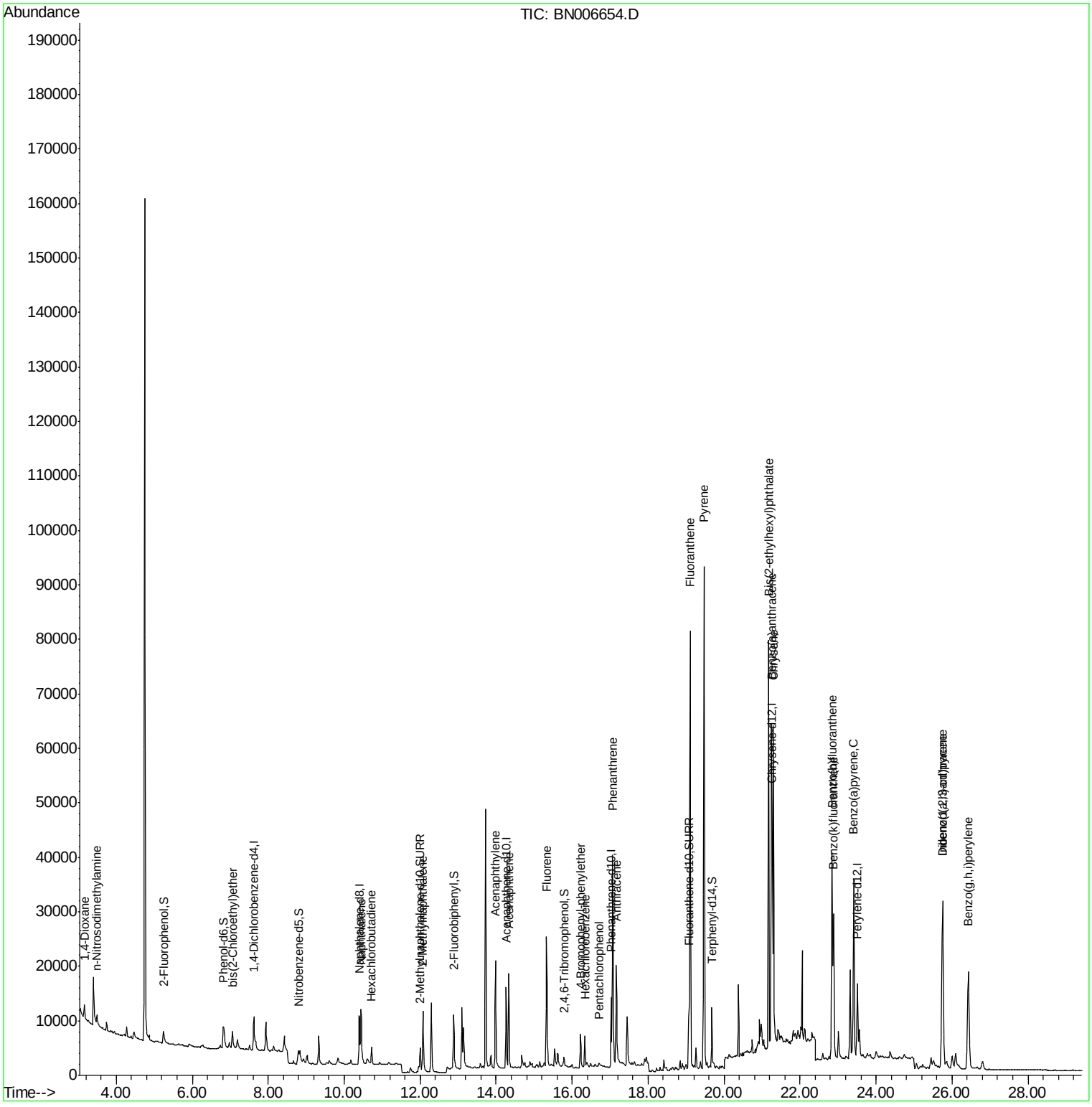
(#) = qualifier out of range (m) = manual integration (+) = signals summed

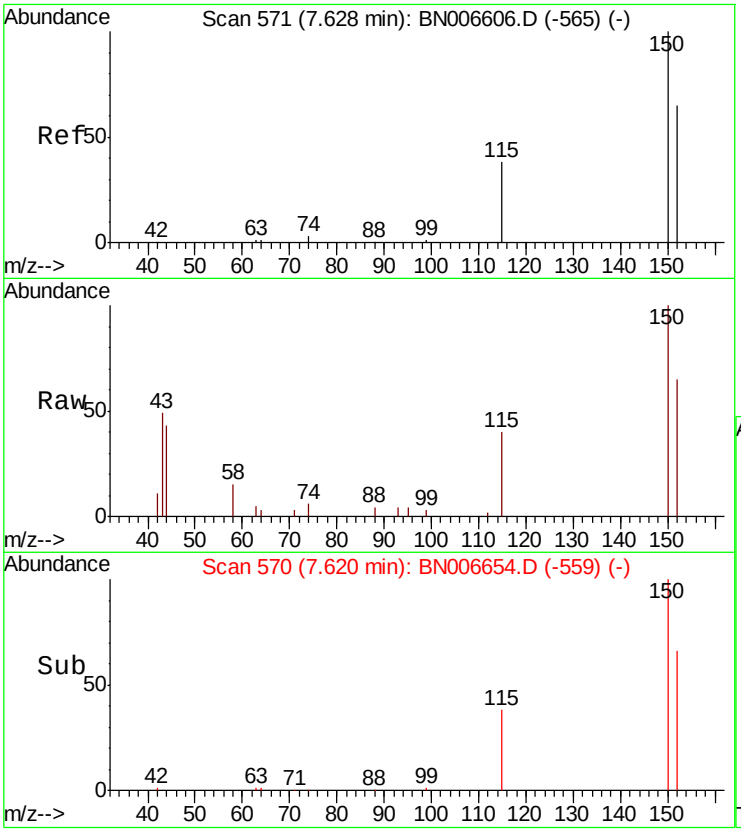
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006654.D
Acq On : 01 Jul 2019 09:47
Operator : HP/JU
Sample : K3504-19MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Quant Time: Jul 02 05:03:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



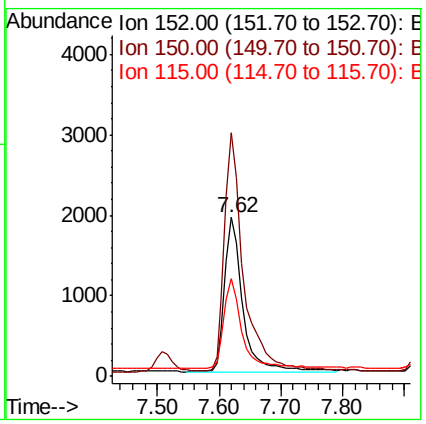


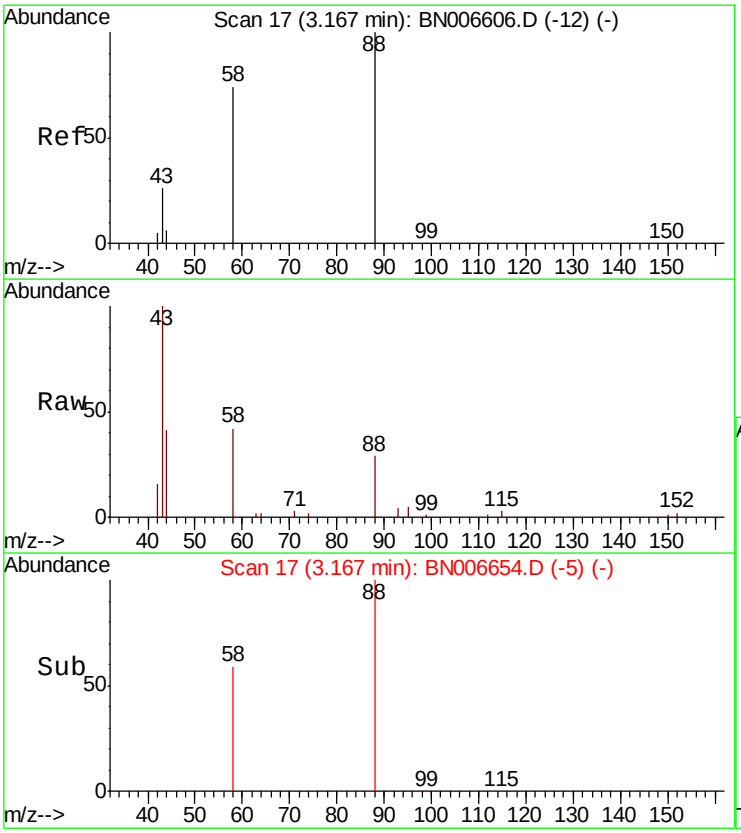

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:152 Resp: 3897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.2 | 122.2 | 183.2 |
| 115 | 61.4 | 50.0 | 75.0 |

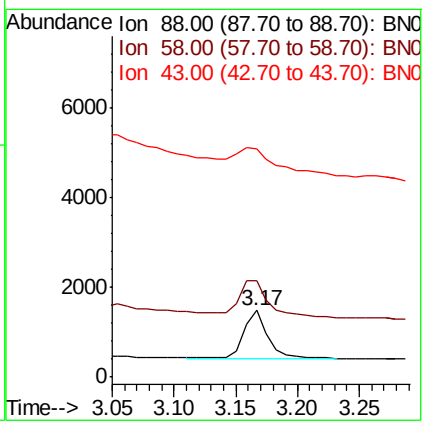


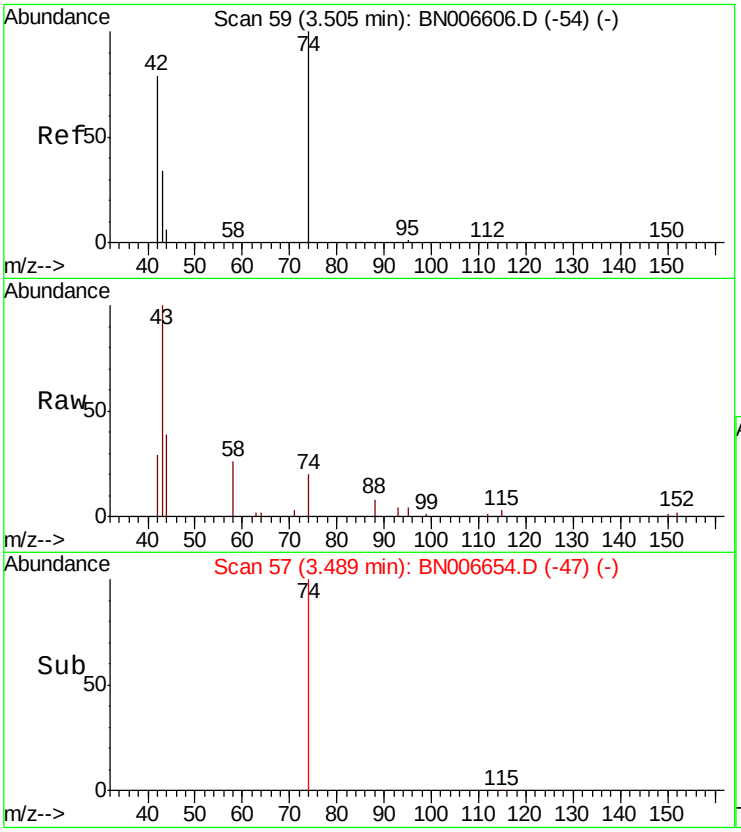




#2
1,4-Dioxane
Concen: 0.275 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion: 88 Resp: 1483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 94.4 | 62.5 | 93.7# |
| 43 | 93.3 | 25.4 | 38.0# |



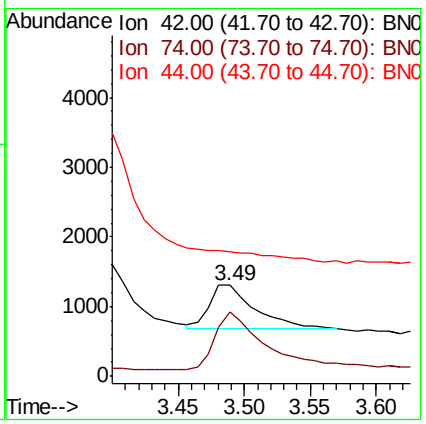


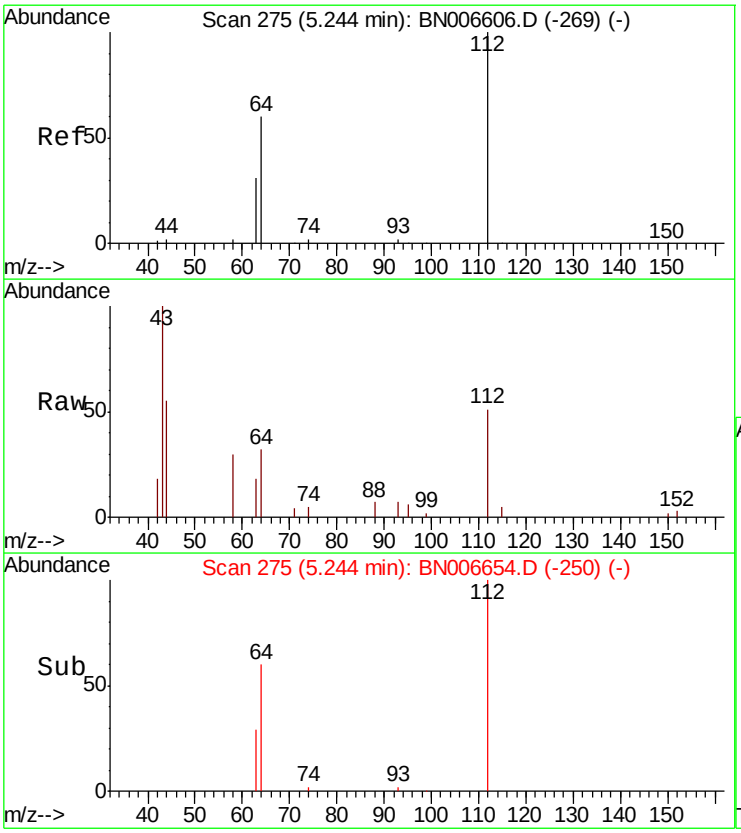

#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.49 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion: 42 Resp: 1529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.3 | 103.1 | 154.7 |
| 44 | 0.0 | 3.4 | 5.2# |

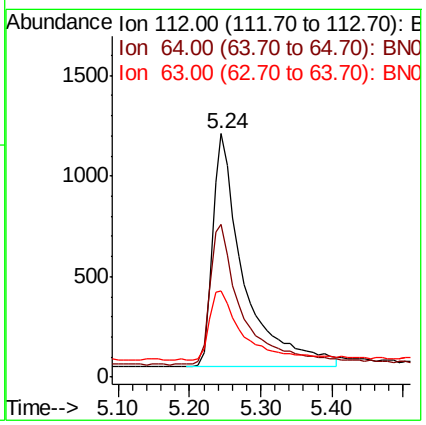


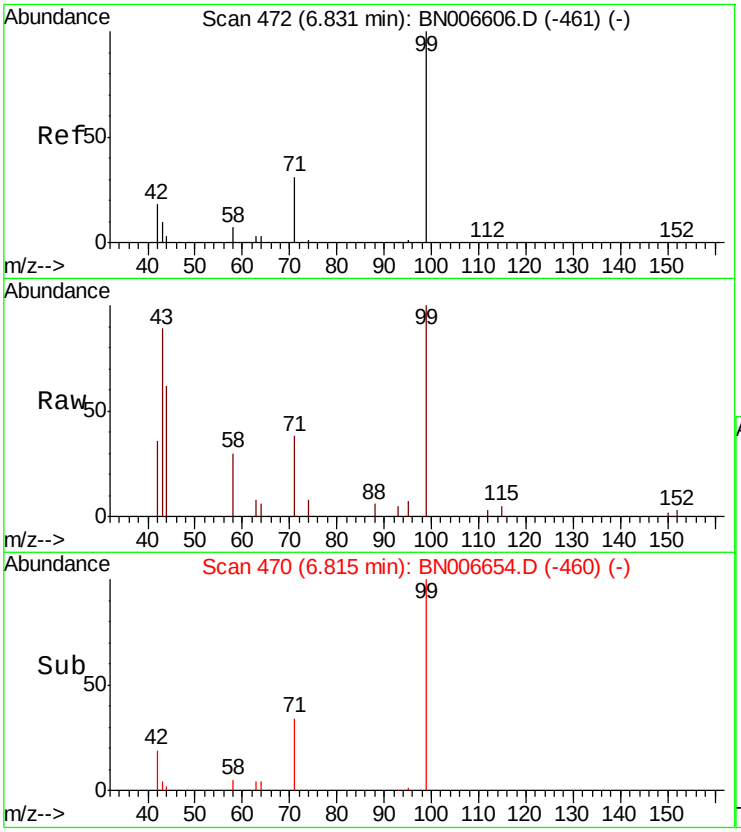




#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:112 Resp: 3510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.5 | 48.9 | 73.3 |
| 63 | 32.3 | 24.3 | 36.5 |



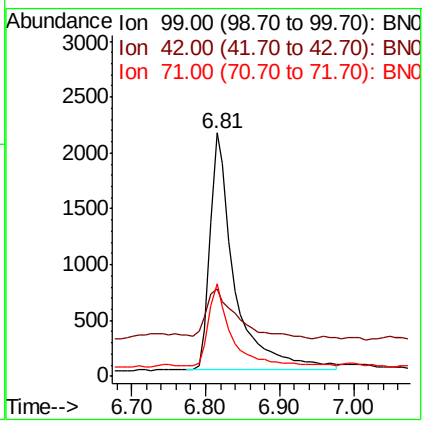


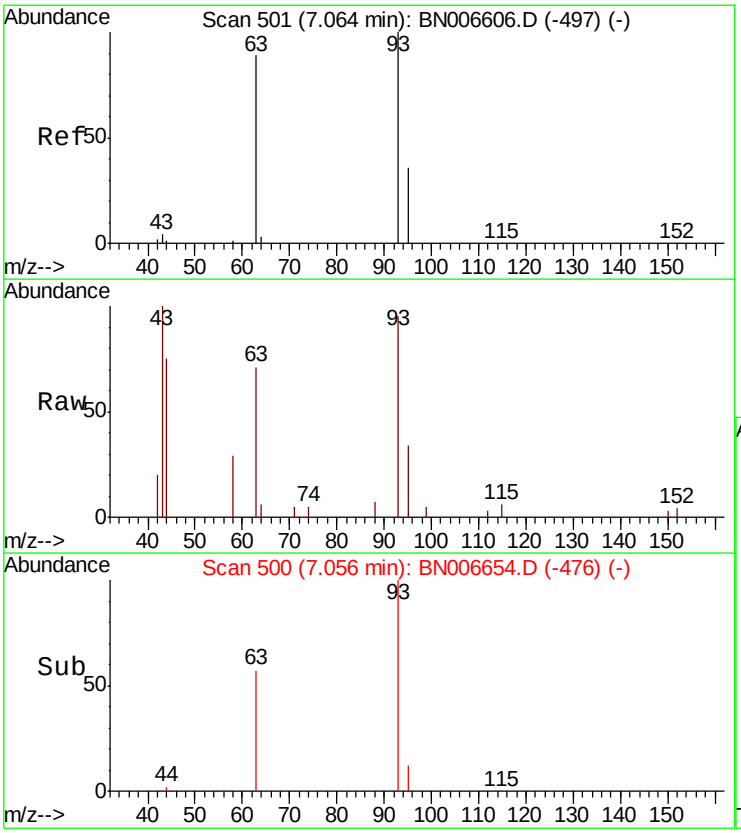

#5
Phenol-d6
Concen: 0.390 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion: 99 Resp: 4936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.3 | 16.4 | 24.6# |
| 71 | 30.6 | 26.6 | 40.0 |

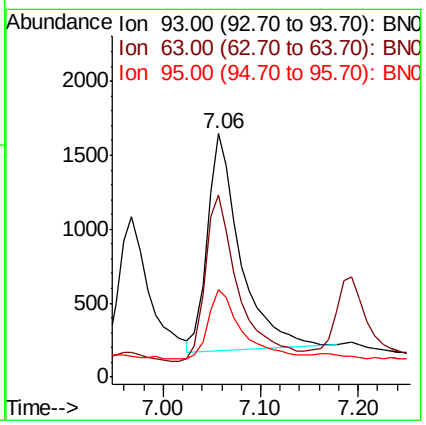


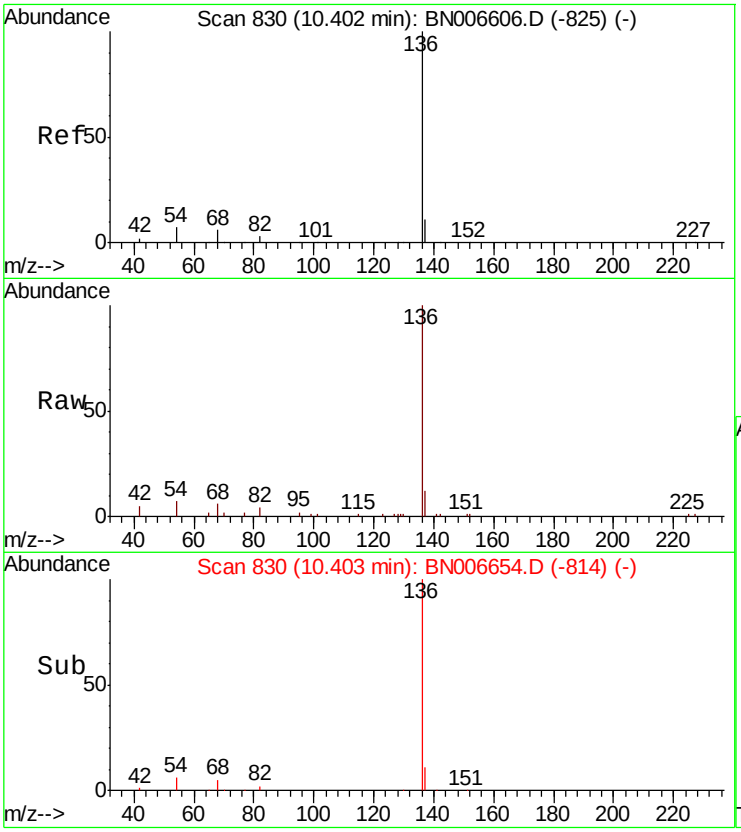




#6
bis(2-Chloroethyl)ether
Concen: 0.307 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion: 93 Resp: 3468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 78.3 | 52.5 | 78.7 |
| 95 | 33.4 | 24.2 | 36.4 |



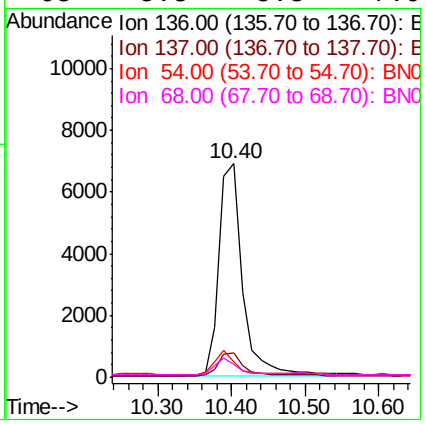


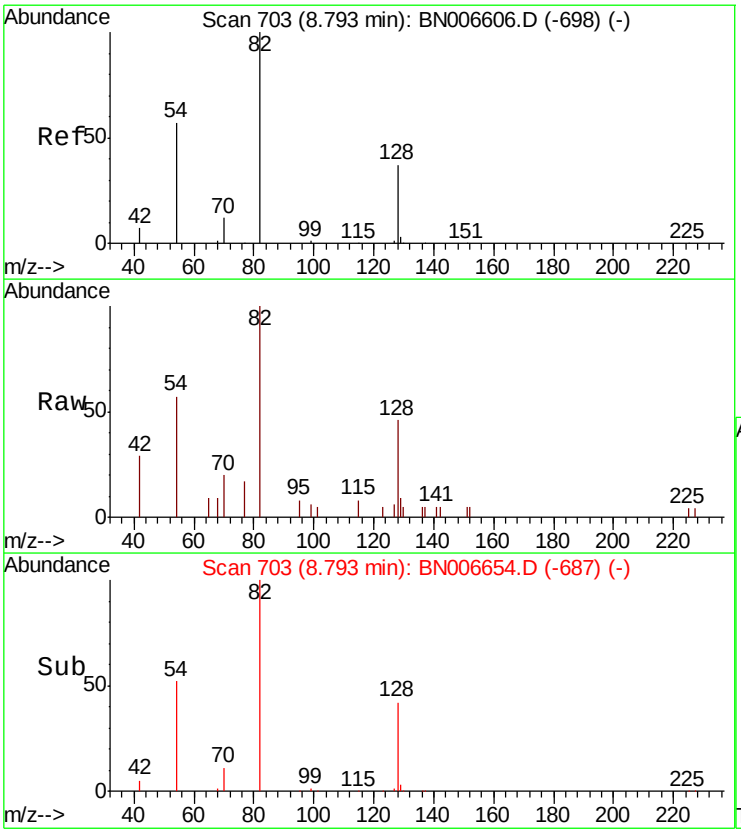

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:136 Resp: 15313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.3 | 13.9 |
| 54 | 7.1 | 6.7 | 10.1 |
| 68 | 5.8 | 5.3 | 7.9 |

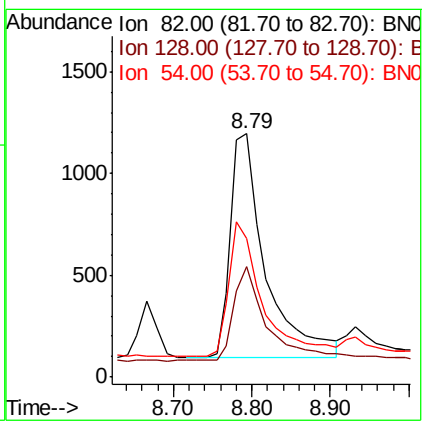


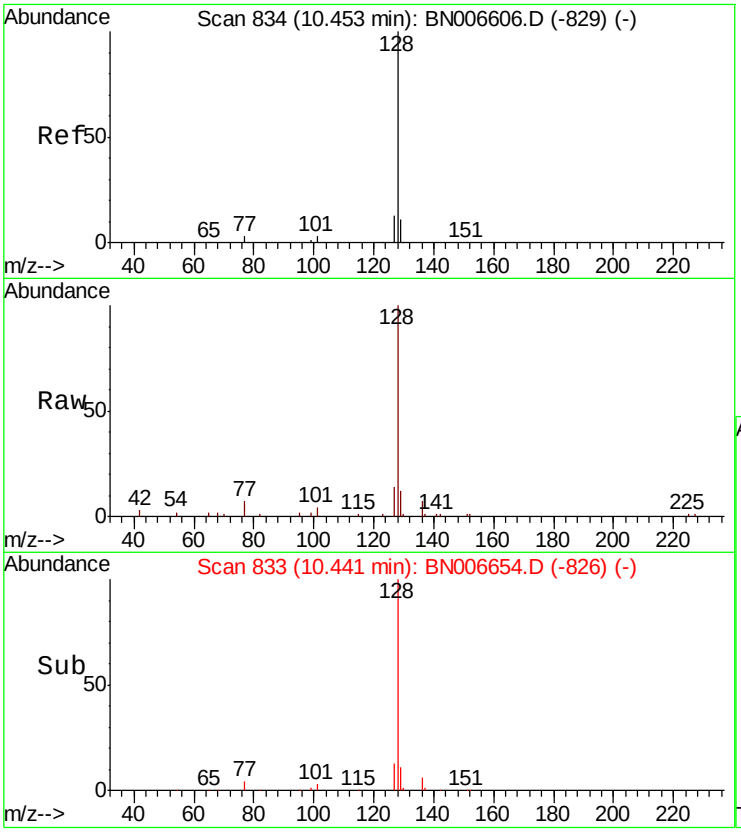




#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion: 82 Resp: 3442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.6 | 32.6 | 49.0 |
| 54 | 56.9 | 48.2 | 72.4 |



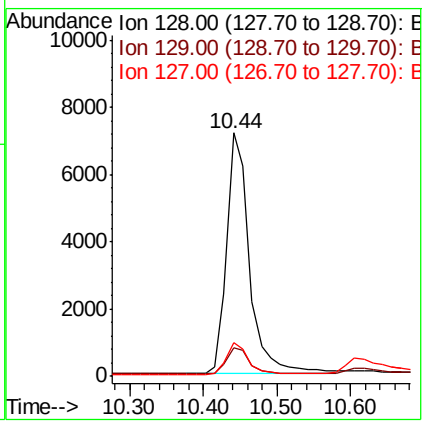


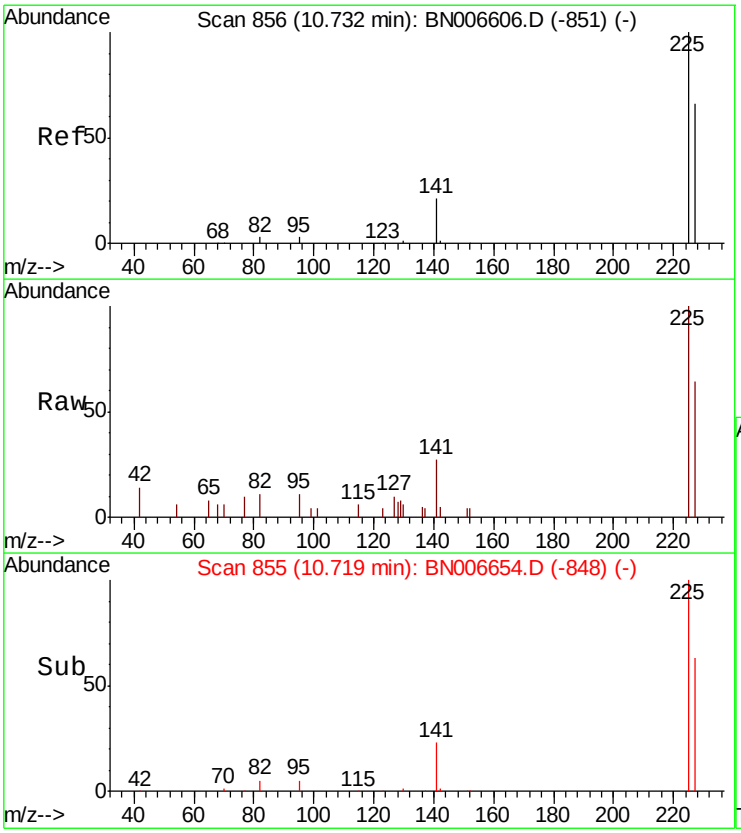

#9
Naphthalene
Concen: 0.384 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:128 Resp: 15457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.3 | 13.9 |
| 127 | 14.1 | 10.8 | 16.2 |

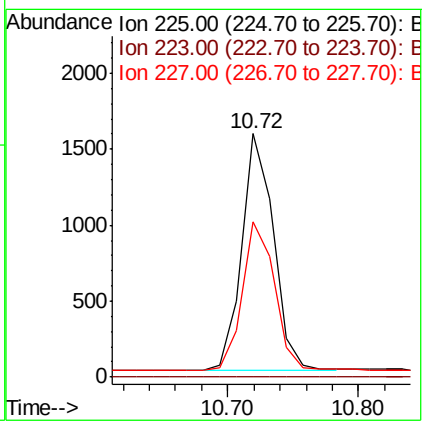


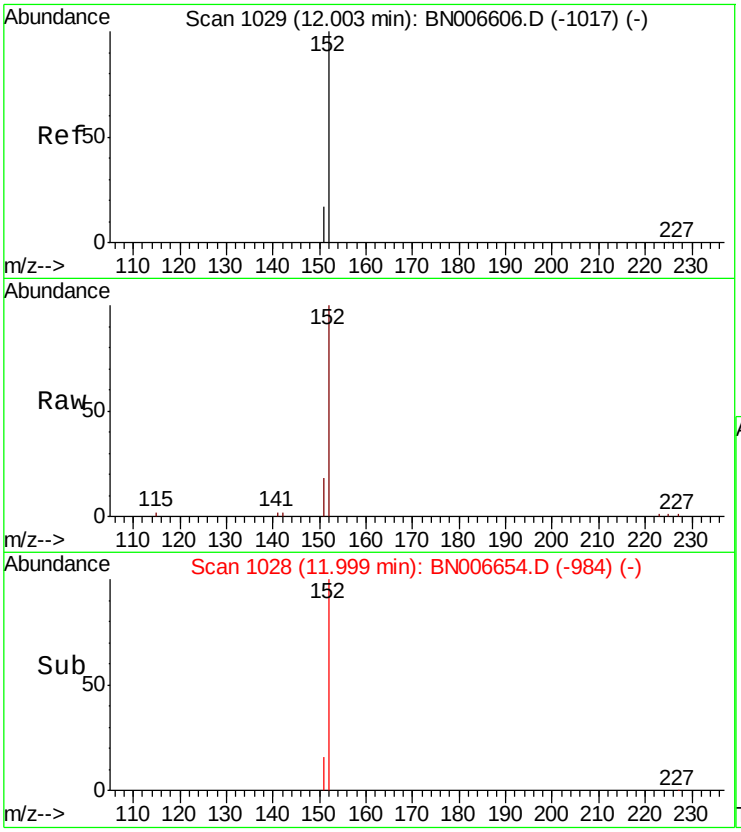




#10
Hexachlorobutadiene
Concen: 0.314 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:225 Resp: 2599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.4 | 51.4 | 77.2 |



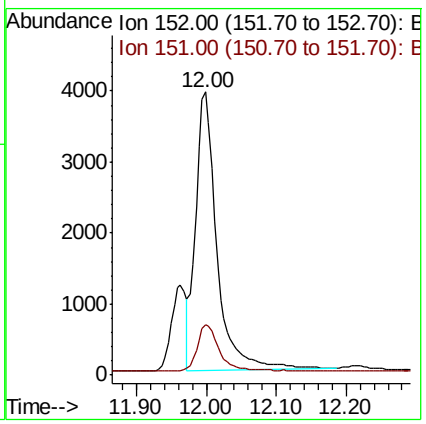


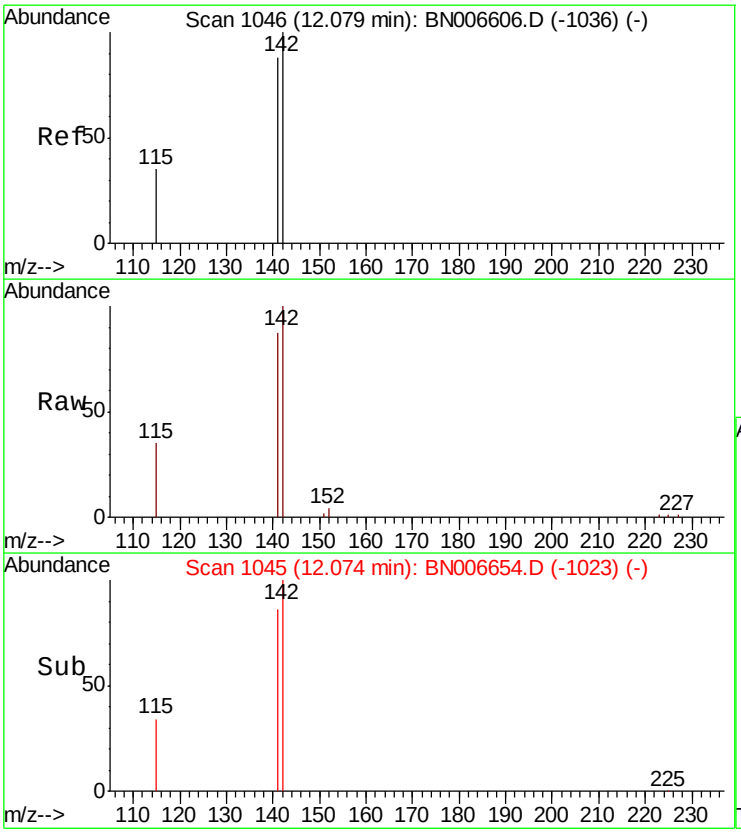

#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:152 Resp: 8228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 17.5 | 15.0 | 22.4 |

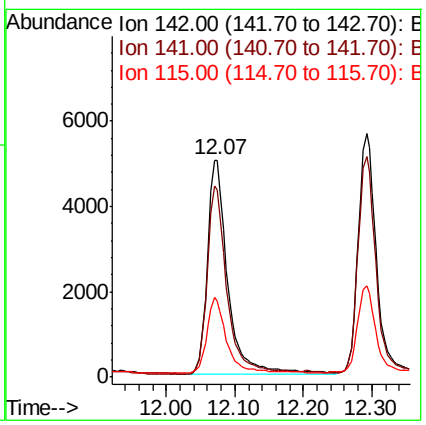


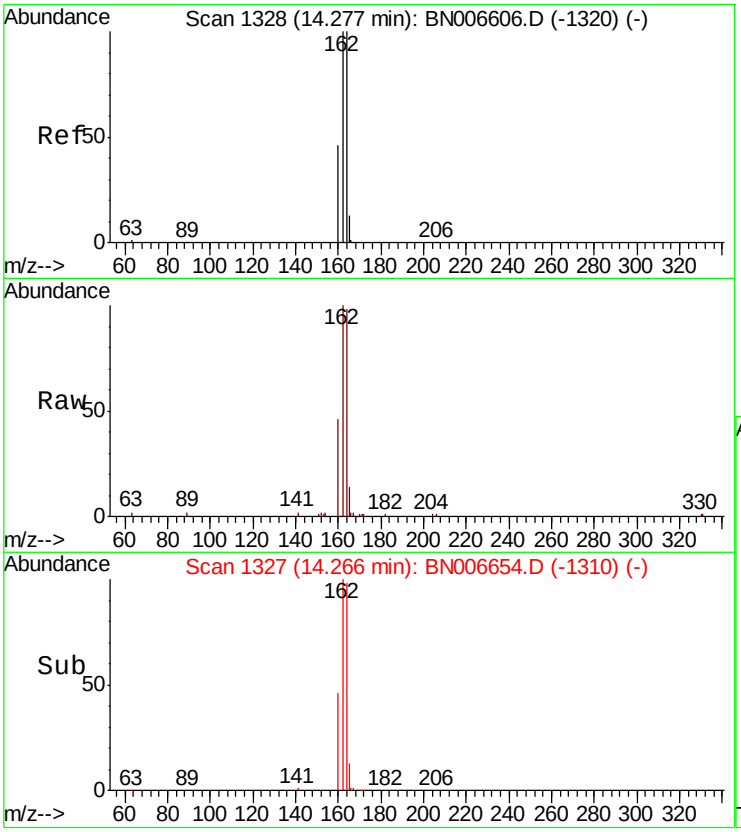




#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:142 Resp: 10340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.5 | 70.2 | 105.4 |
| 115 | 34.9 | 28.5 | 42.7 |



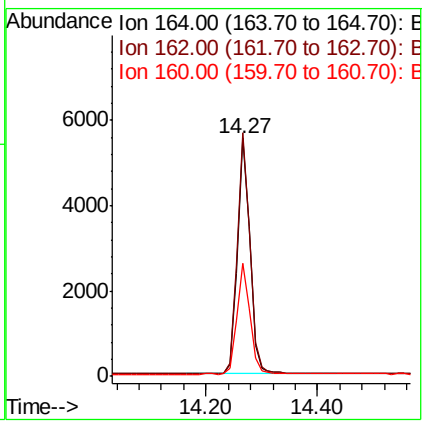


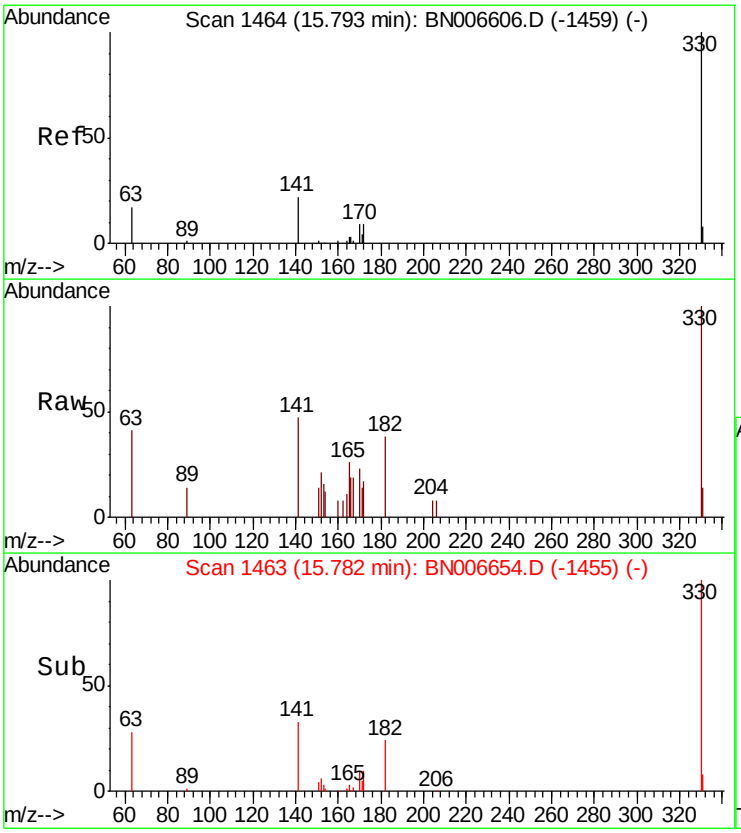

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:164 Resp: 8444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 80.0 | 120.0 |
| 160 | 47.3 | 37.0 | 55.4 |

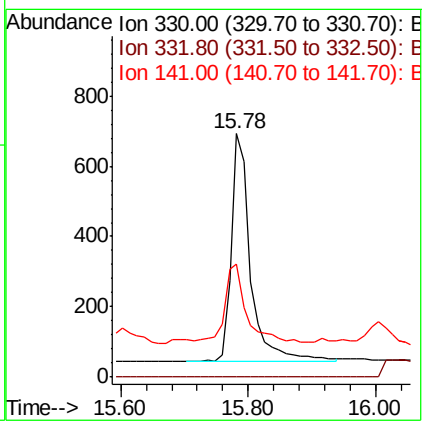


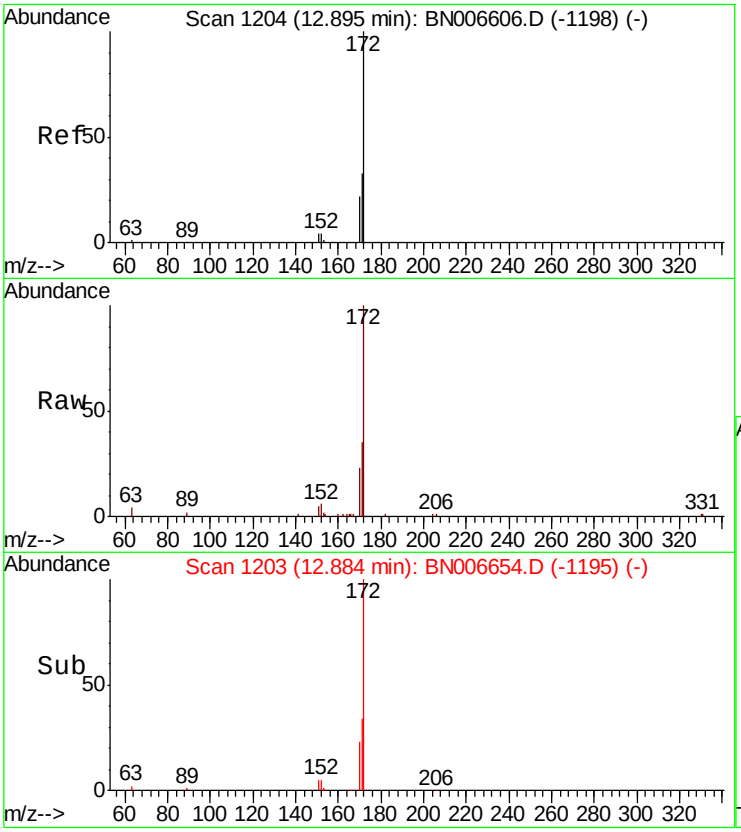




#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:330 Resp: 1349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 38.5 | 26.5 | 39.7 |



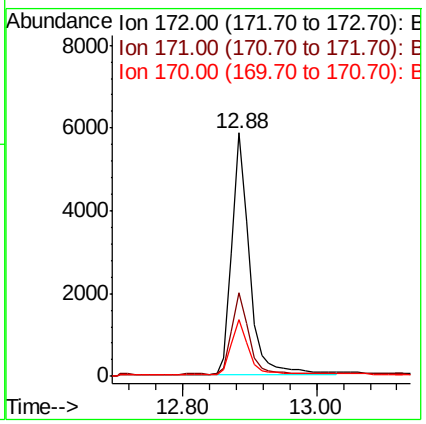


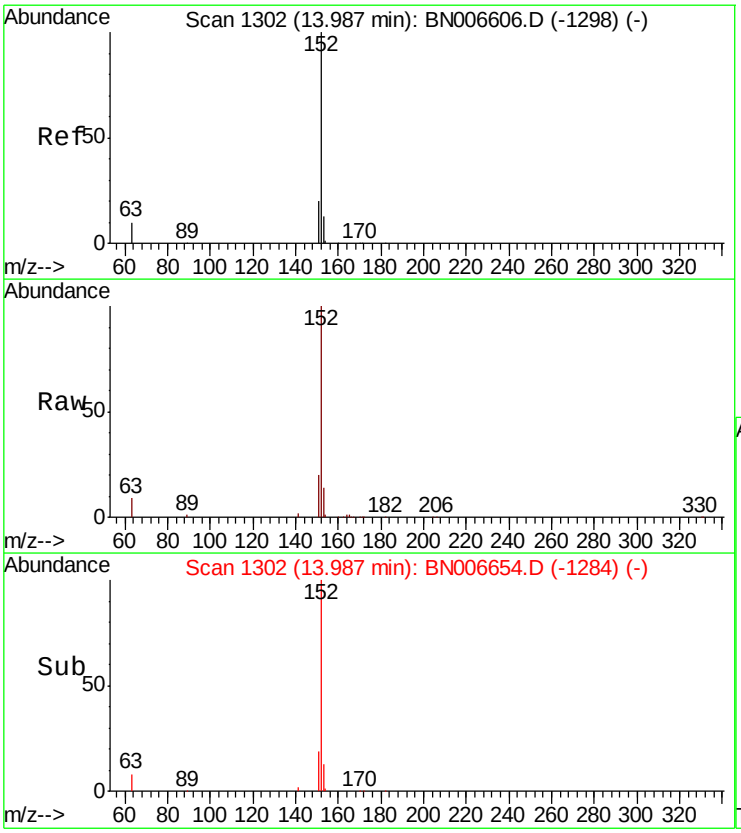

#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:172 Resp: 10436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 27.0 | 40.4 |
| 170 | 23.5 | 17.7 | 26.5 |

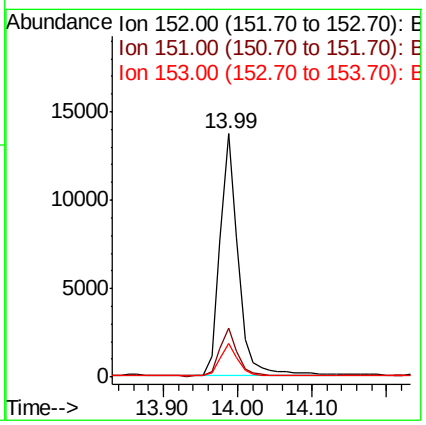


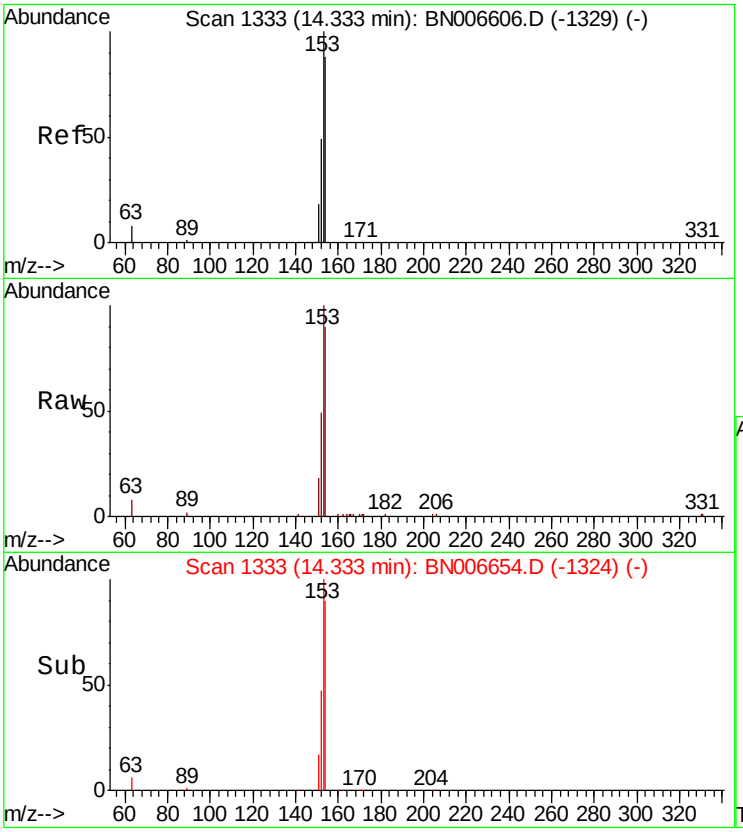




#16
Acenaphthylene
Concen: 0.580 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:152 Resp: 23338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.6 | 23.4 |
| 153 | 13.0 | 10.5 | 15.7 |



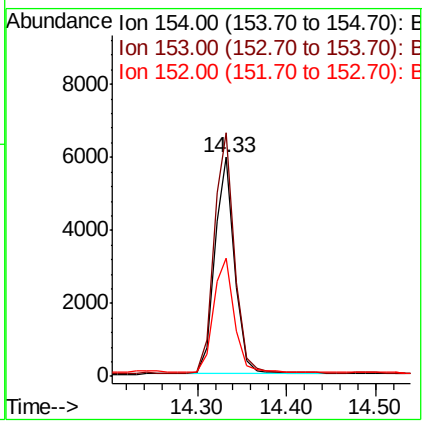


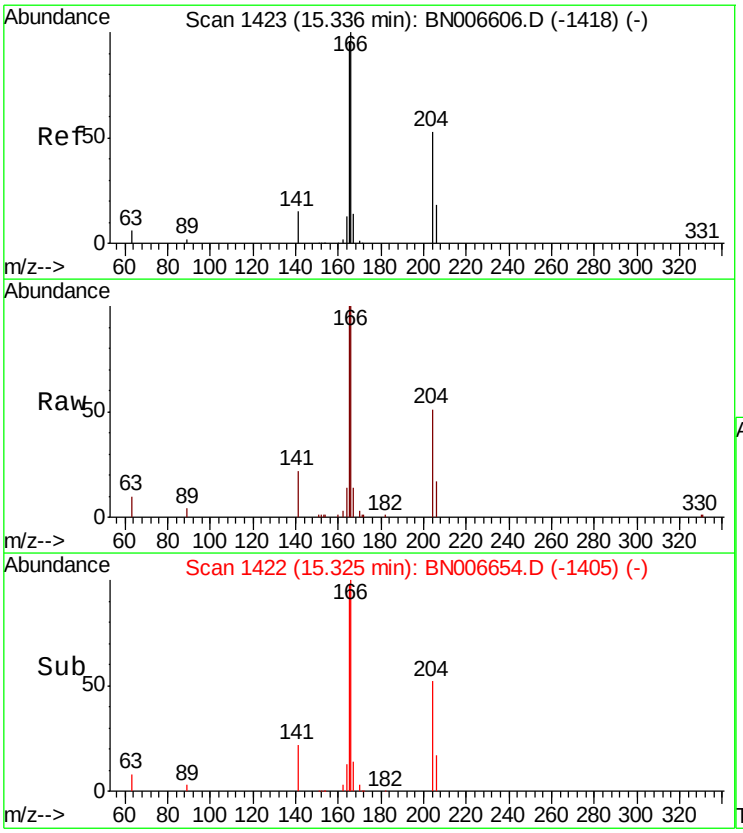

#17
Acenaphthene
Concen: 0.352 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:154 Resp: 9328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 90.2 | 135.4 |
| 152 | 55.1 | 44.2 | 66.4 |

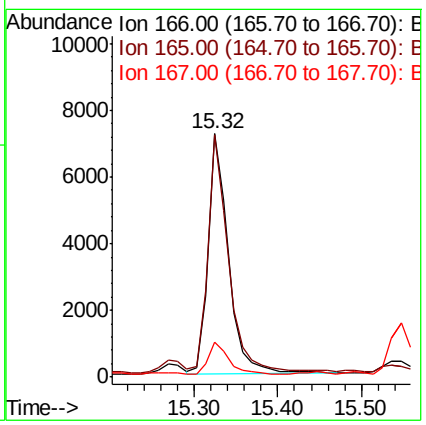


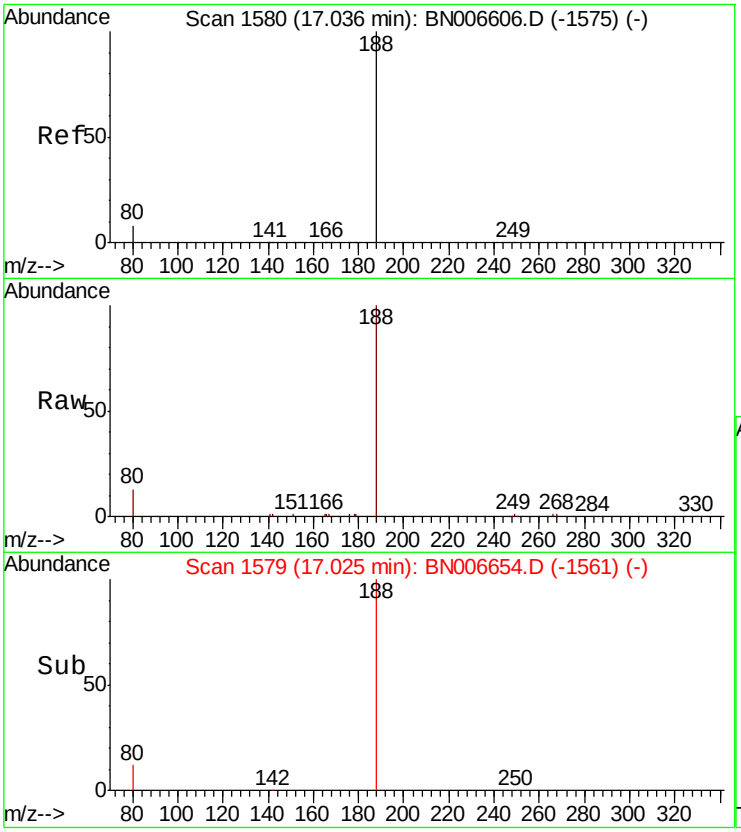




#18
Fluorene
Concen: 0.366 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:166 Resp: 12236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 78.4 | 117.6 |
| 167 | 13.5 | 10.8 | 16.2 |



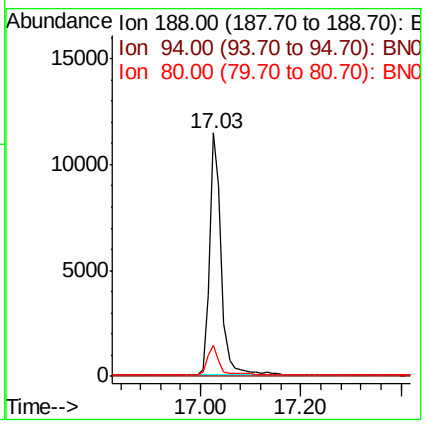


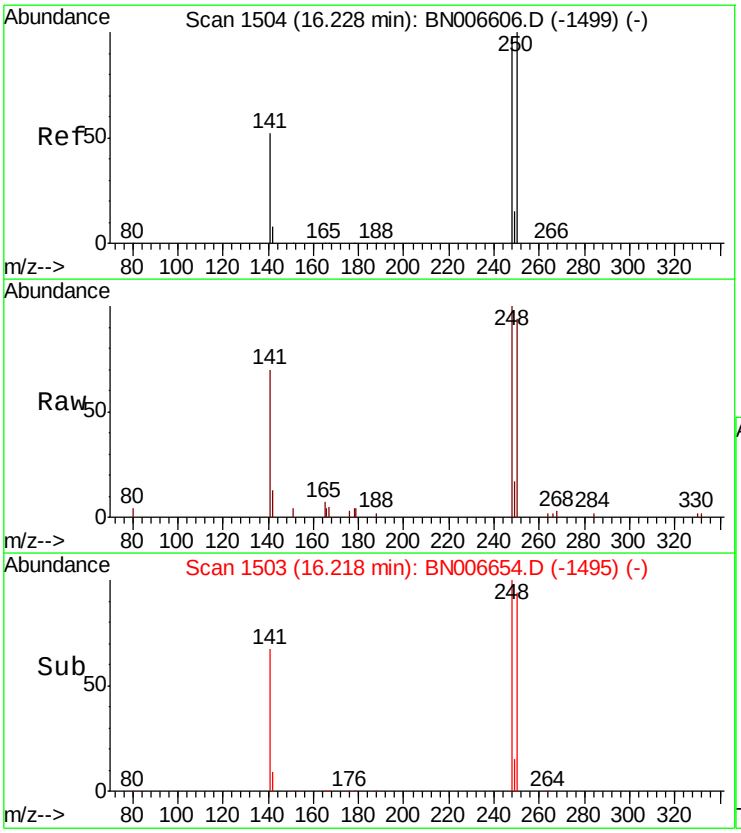

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:188 Resp: 18824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.8 | 7.1 | 10.7# |

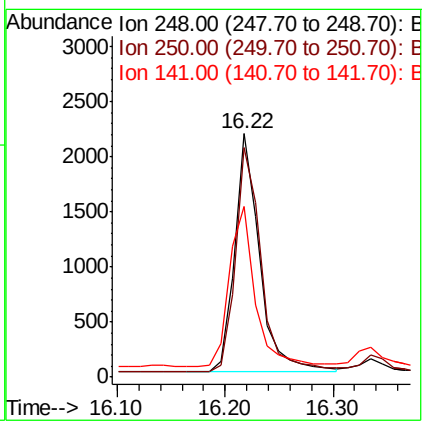


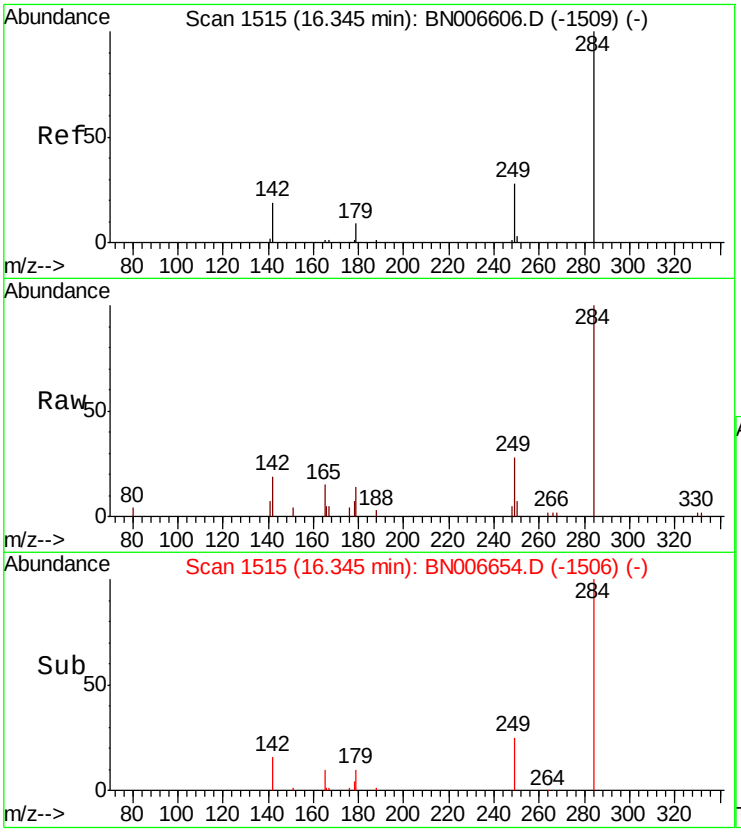




#20
4-Bromophenyl-phenylether
Concen: 0.334 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:248 Resp: 3485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.3 | 82.2 | 123.4 |
| 141 | 70.2 | 43.8 | 65.8# |



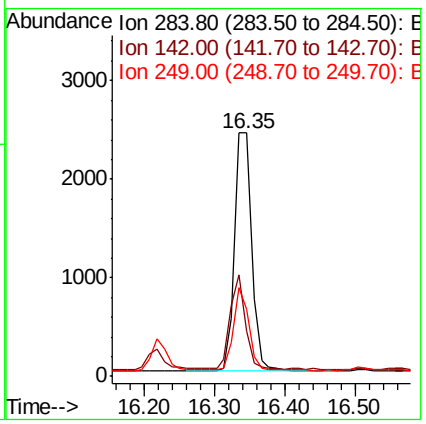


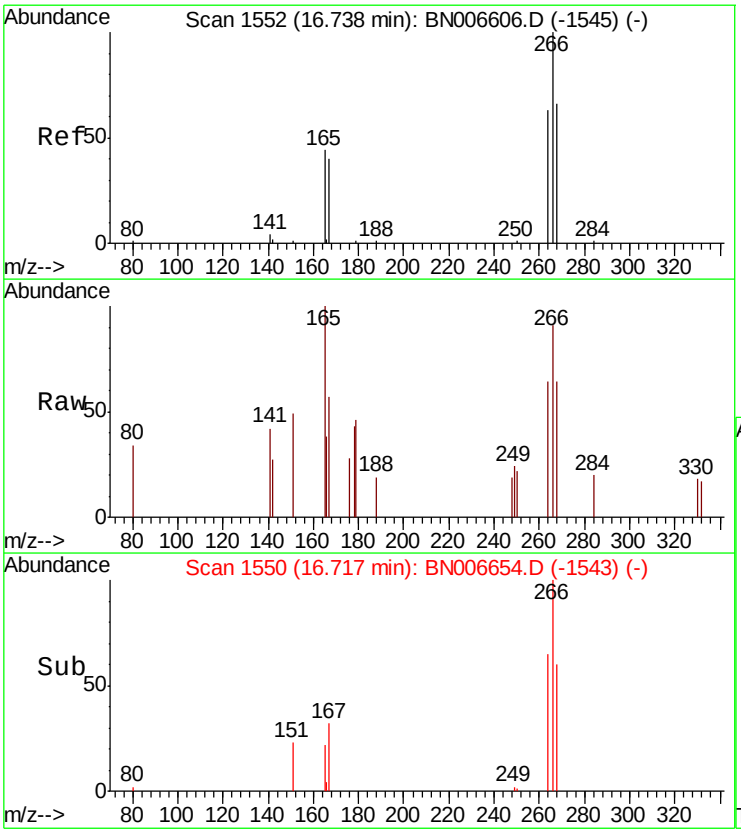

#21
Hexachlorobenzene
Concen: 0.309 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:284 Resp: 4078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.3 | 27.5 | 41.3 |
| 249 | 30.8 | 24.7 | 37.1 |

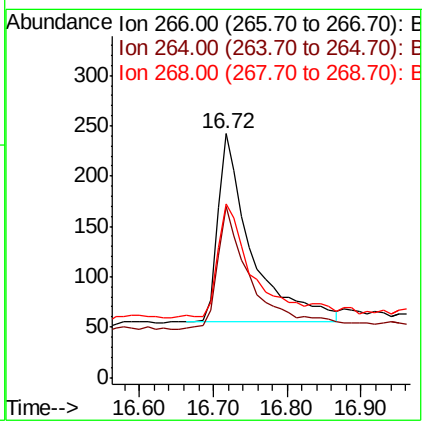


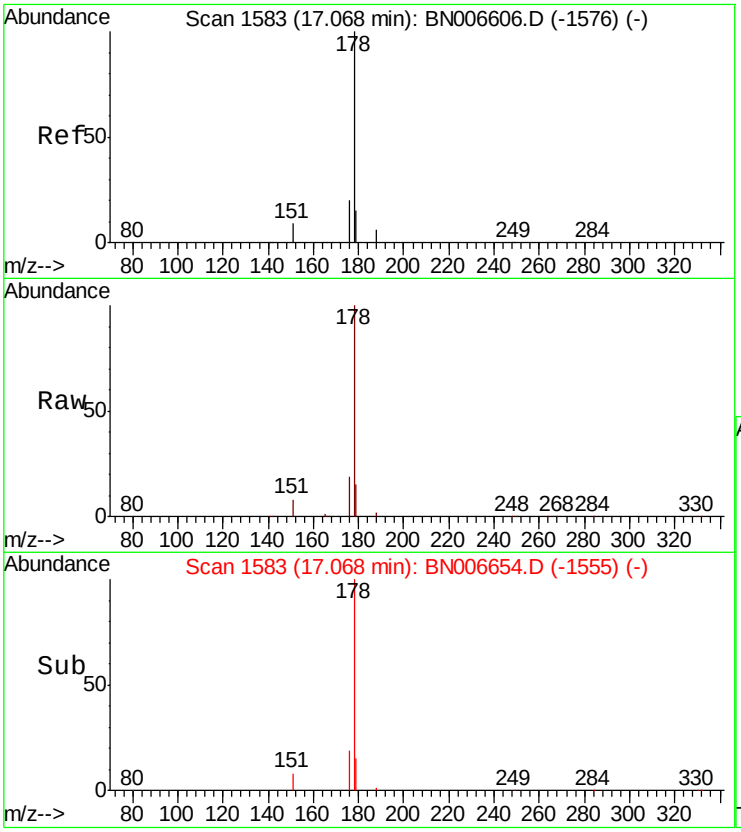




#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:266 Resp: 591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 70.2 | 56.2 | 84.4 |
| 268 | 71.1 | 63.0 | 94.4 |



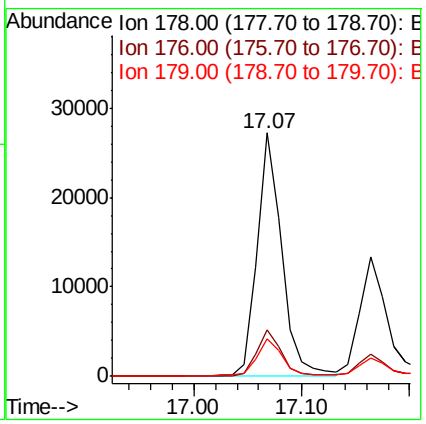


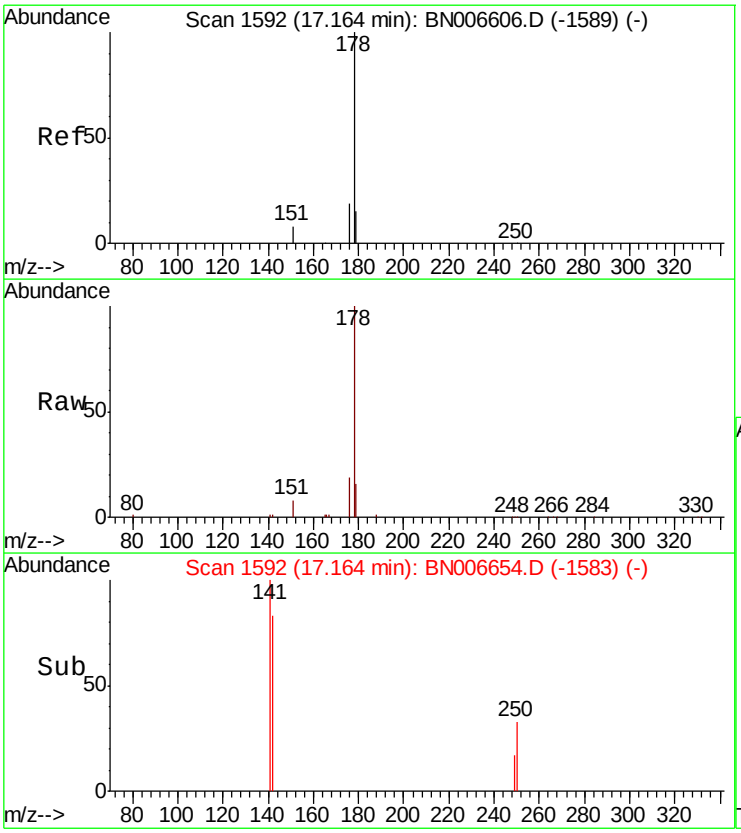

#23
Phenanthrene
Concen: 0.798 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:178 Resp: 42693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.3 | 22.9 |
| 179 | 15.4 | 12.2 | 18.4 |

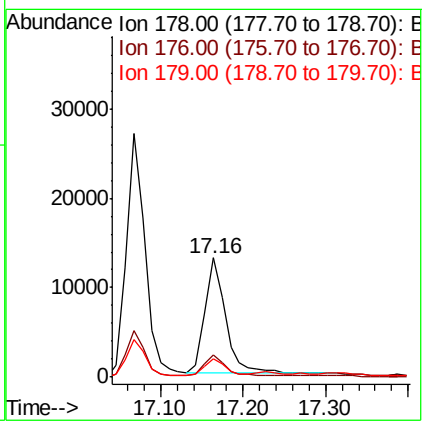


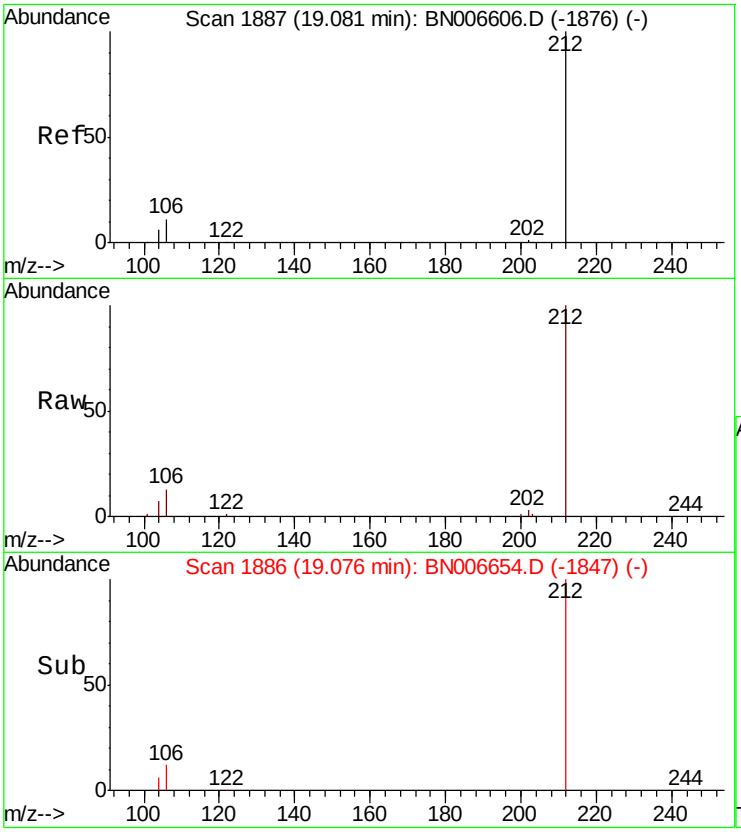




#24
Anthracene
Concen: 0.483 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:178 Resp: 22451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 13.9 | 12.2 | 18.2 |



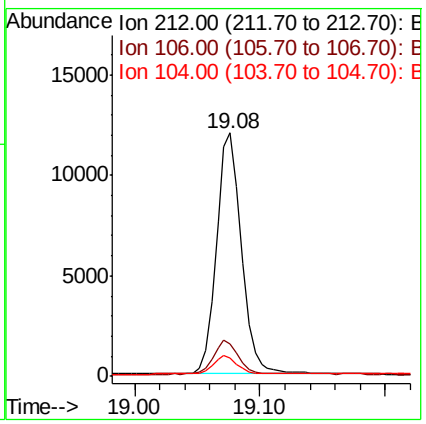


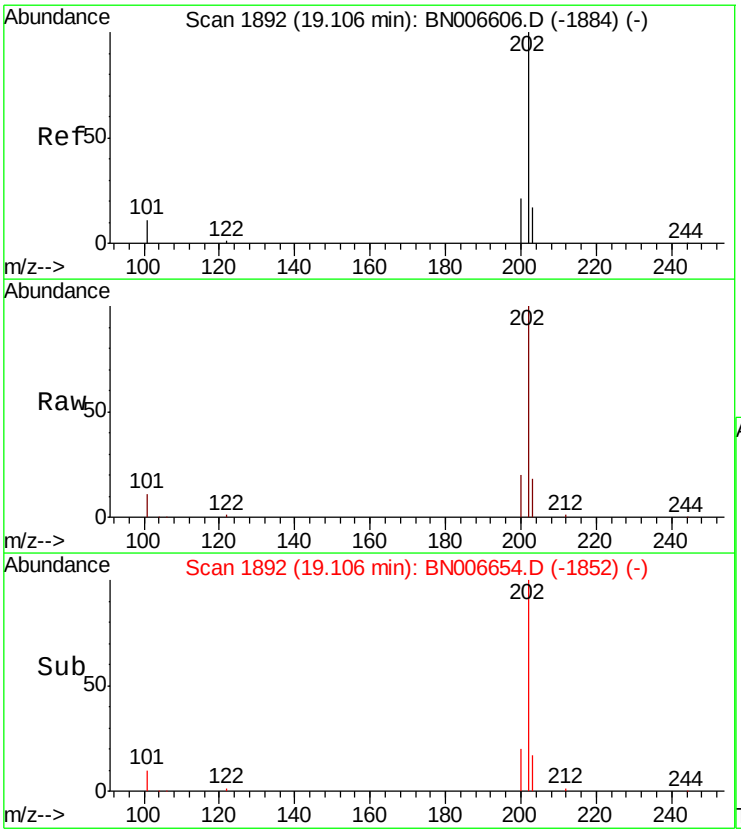

#25
Fluoranthene-d10
Concen: 0.298 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:212 Resp: 16458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 14.1 | 10.6 | 15.8 |
| 104 | 7.4 | 5.8 | 8.6 |

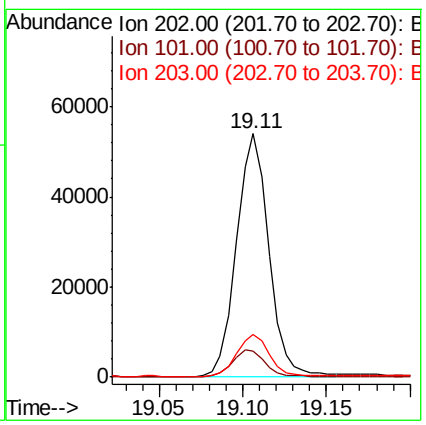


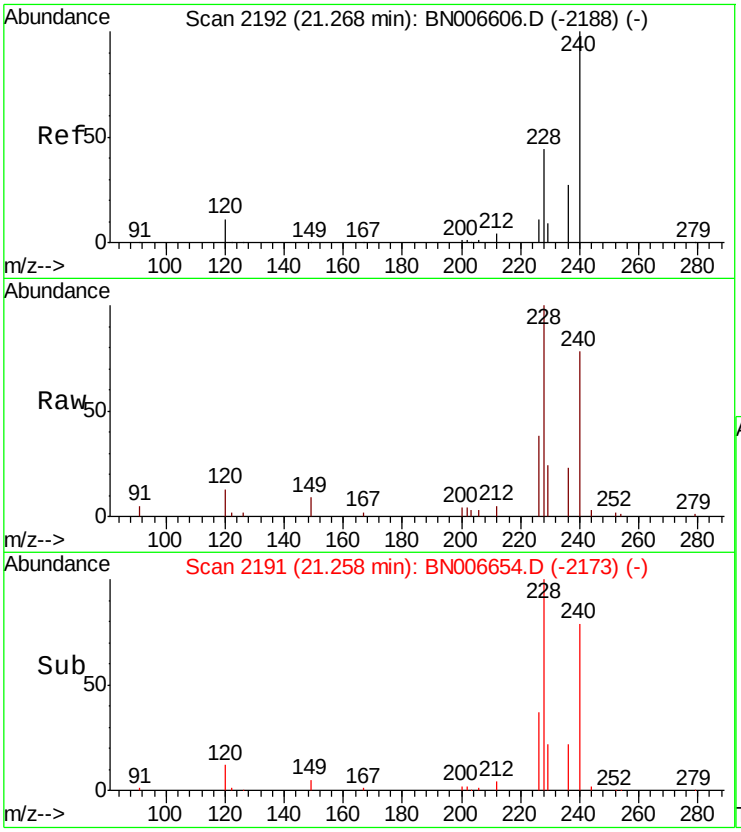




#26
Fluoranthene
Concen: 1.114 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:202 Resp: 72472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.3 | 8.9 | 13.3 |
| 203 | 17.5 | 13.6 | 20.4 |



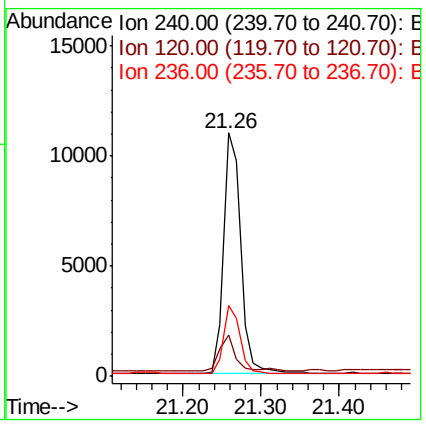


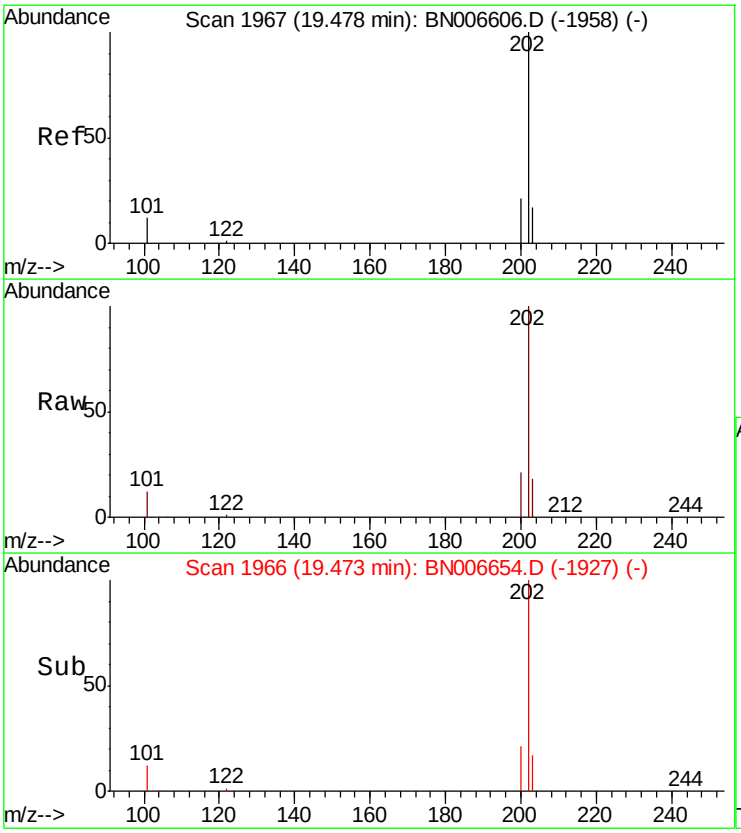

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:240 Resp: 16871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.9 | 9.9 | 14.9# |
| 236 | 29.0 | 22.2 | 33.4 |

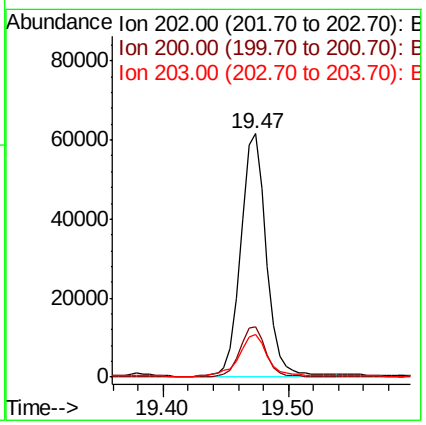


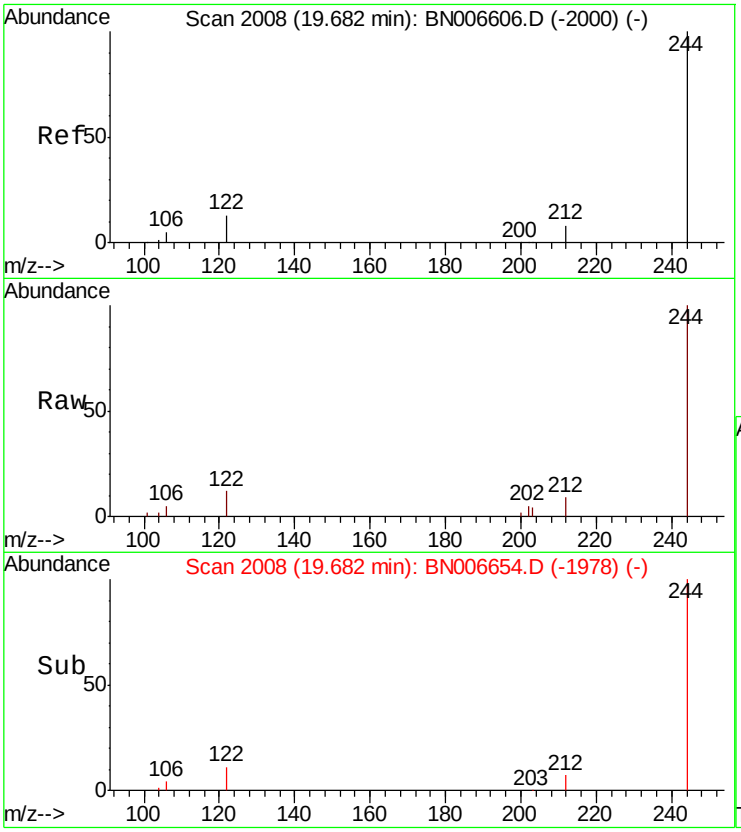




#28
Pyrene
Concen: 1.466 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:202 Resp: 86560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.7 | 25.1 |
| 203 | 19.4 | 14.1 | 21.1 |



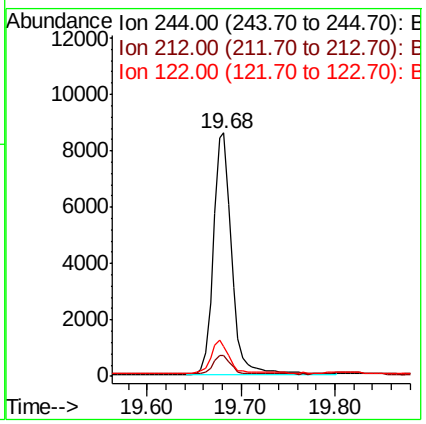


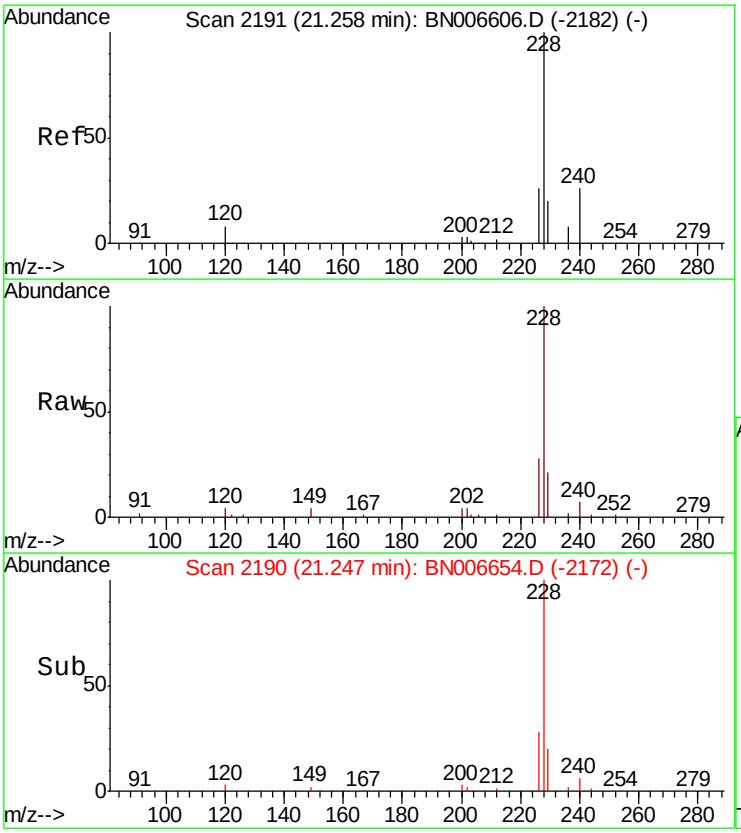

#29
Terphenyl-d14
Concen: 0.332 ng
RT: 19.68 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:244 Resp: 11722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 6.7 | 10.1 |
| 122 | 12.5 | 11.0 | 16.6 |

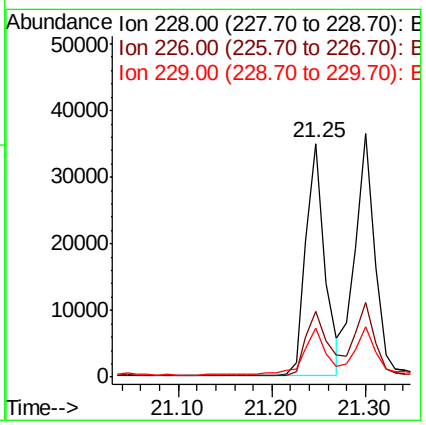


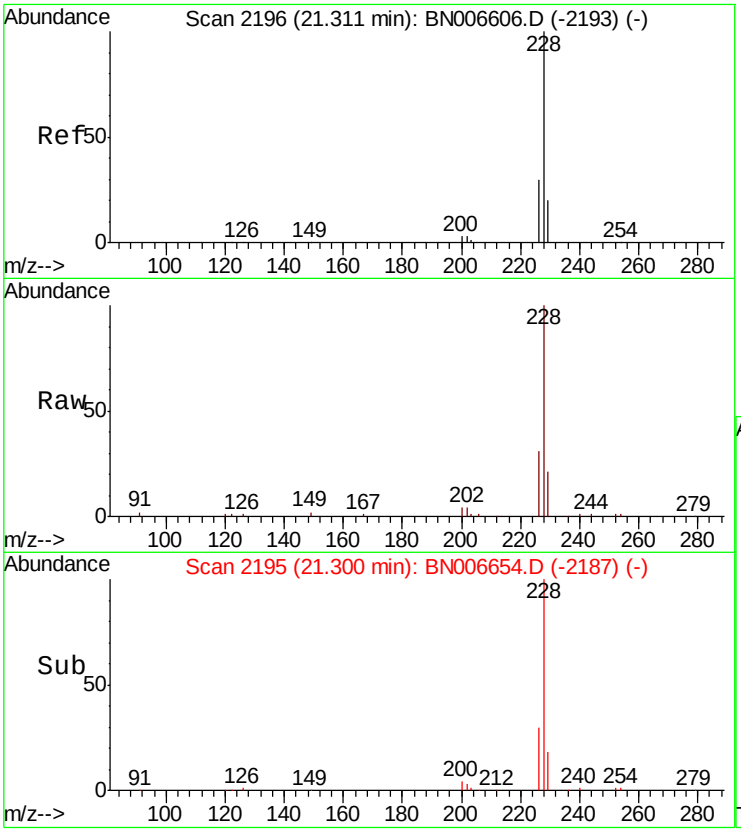




#30
Benzo(a)anthracene
Concen: 0.895 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:228 Resp: 49365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 21.2 | 31.8 |
| 229 | 21.2 | 16.1 | 24.1 |



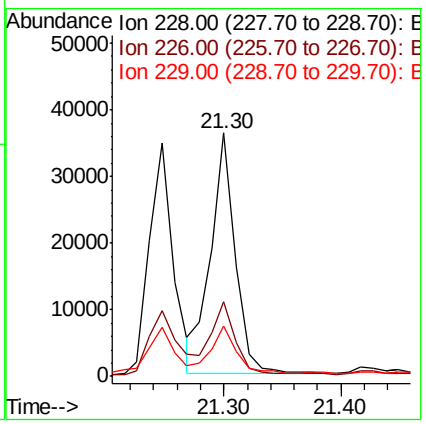


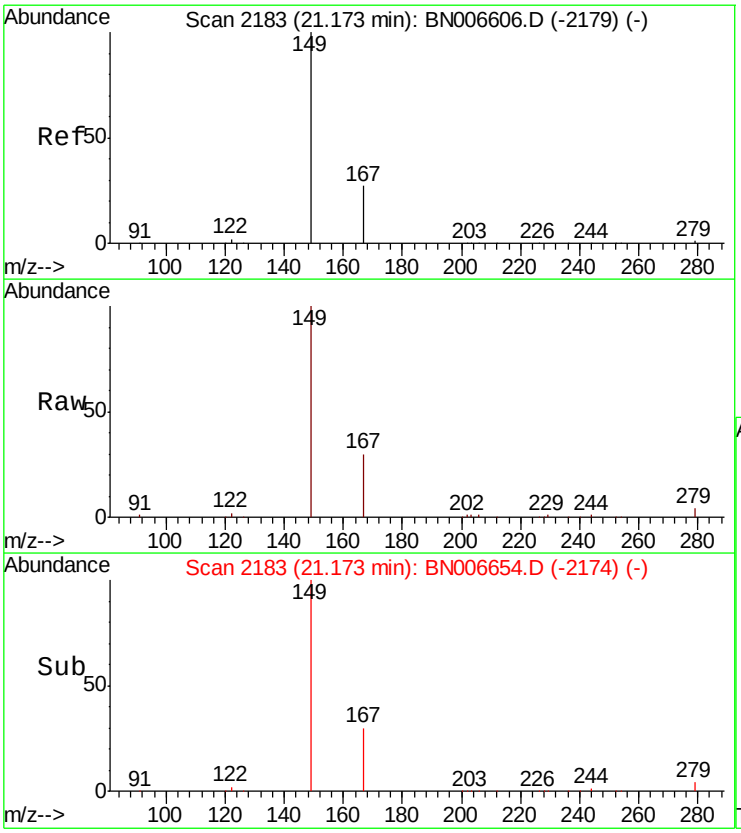

#31
Chrysene
Concen: 0.895 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:228 Resp: 53216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.8 | 35.6 |
| 229 | 20.9 | 15.9 | 23.9 |

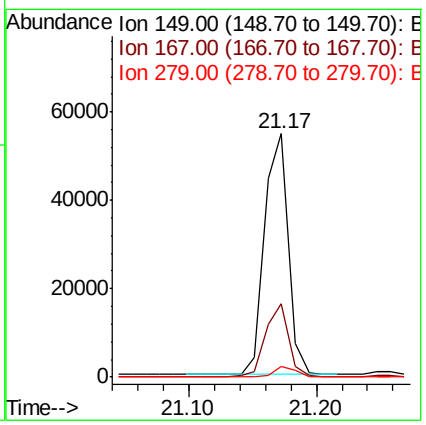


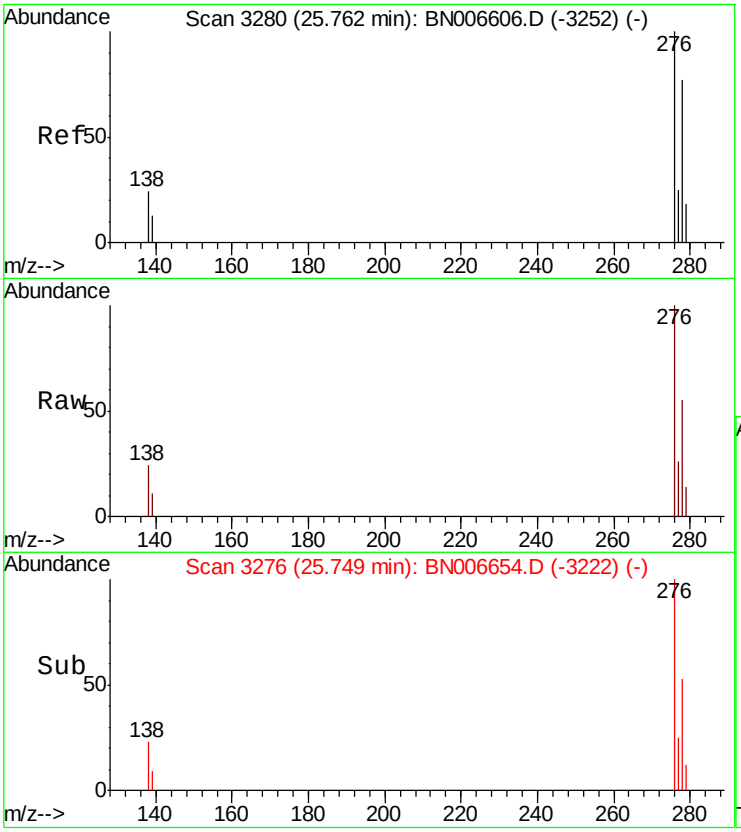




#32
Bis(2-ethylhexyl)phthalate
Concen: 2.538 ng
RT: 21.17 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:149 Resp: 70454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.5 | 22.9 | 34.3 |
| 279 | 3.9 | 3.3 | 4.9 |



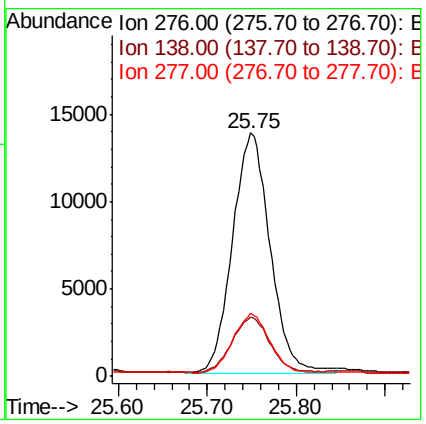


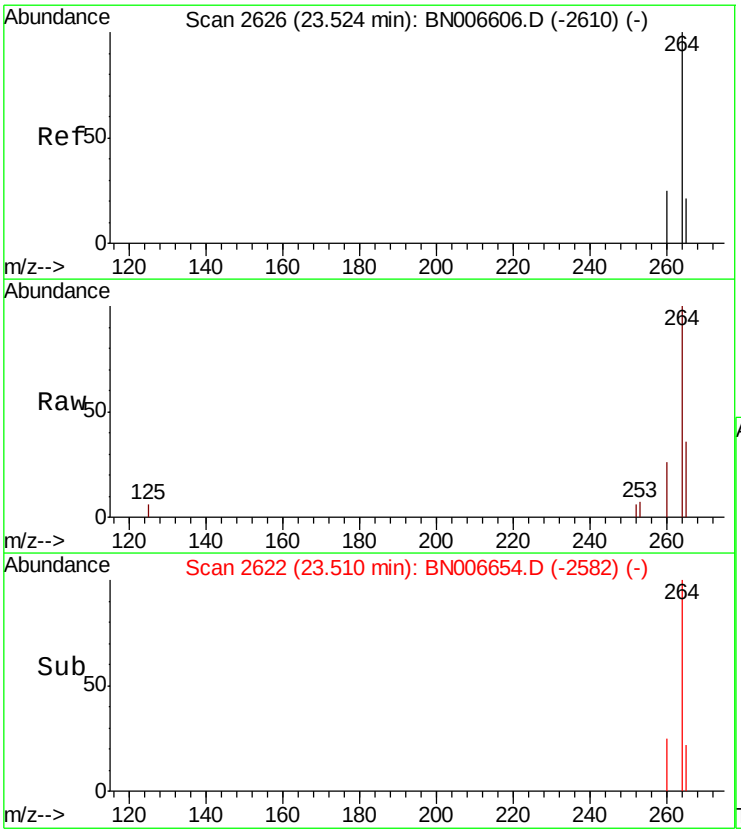

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.669 ng
RT: 25.75 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:276 Resp: 40274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.1 | 19.3 | 28.9 |
| 277 | 24.0 | 19.9 | 29.9 |

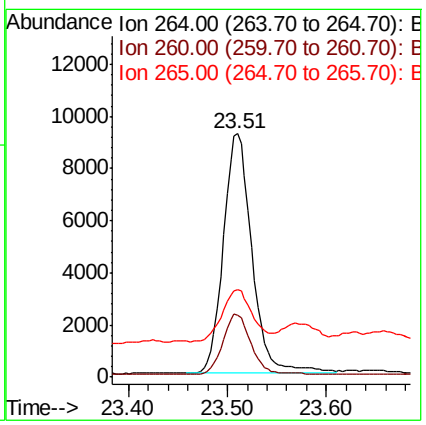


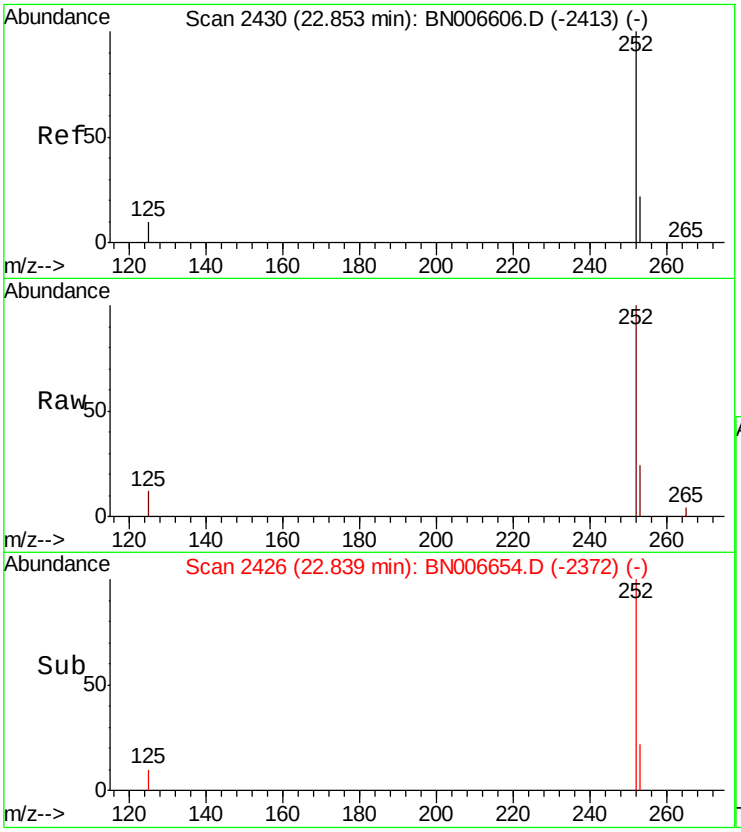




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:264 Resp: 18431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 20.2 | 30.2 |
| 265 | 36.0 | 23.3 | 34.9# |



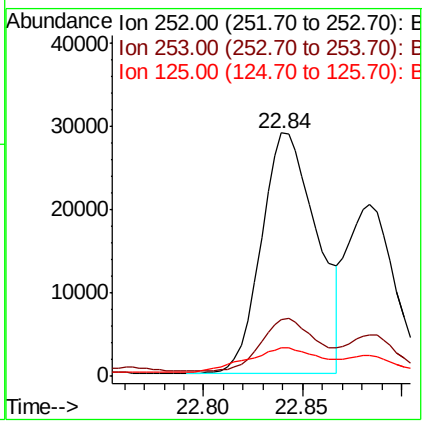


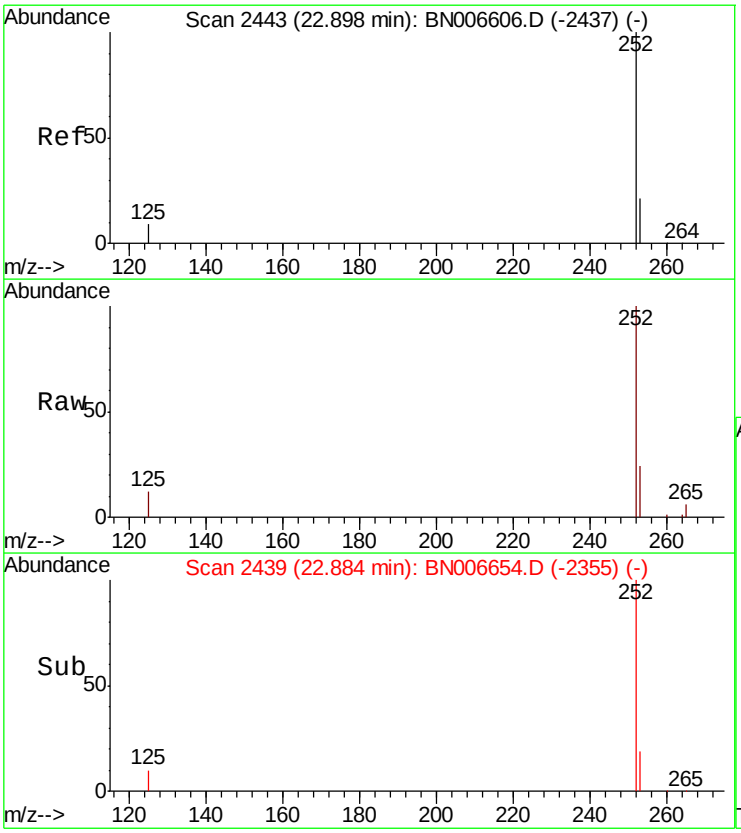

#35
Benzo(b)fluoranthene
Concen: 0.894 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:252 Resp: 56061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.4 | 27.6 |
| 125 | 11.7 | 8.7 | 13.1 |

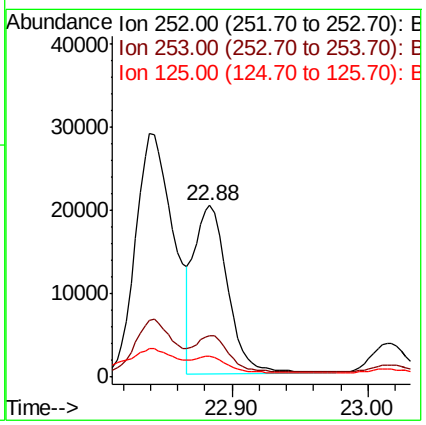


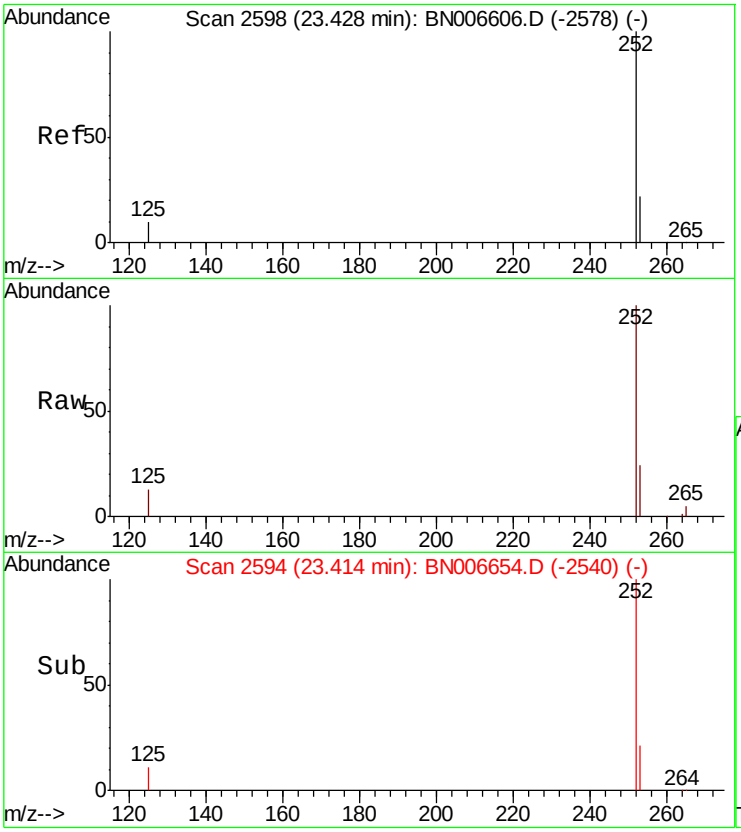




#36
Benzo(k)fluoranthene
Concen: 0.519 ng
RT: 22.88 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:252 Resp: 34704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.3 | 27.5 |
| 125 | 12.3 | 8.4 | 12.6 |



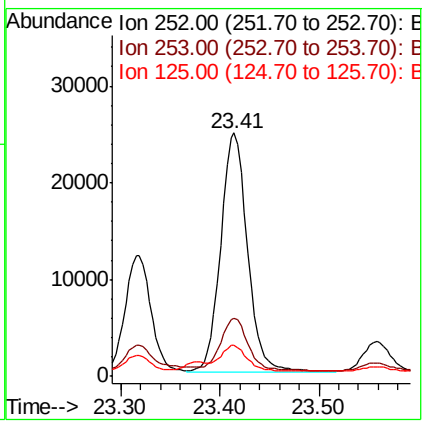


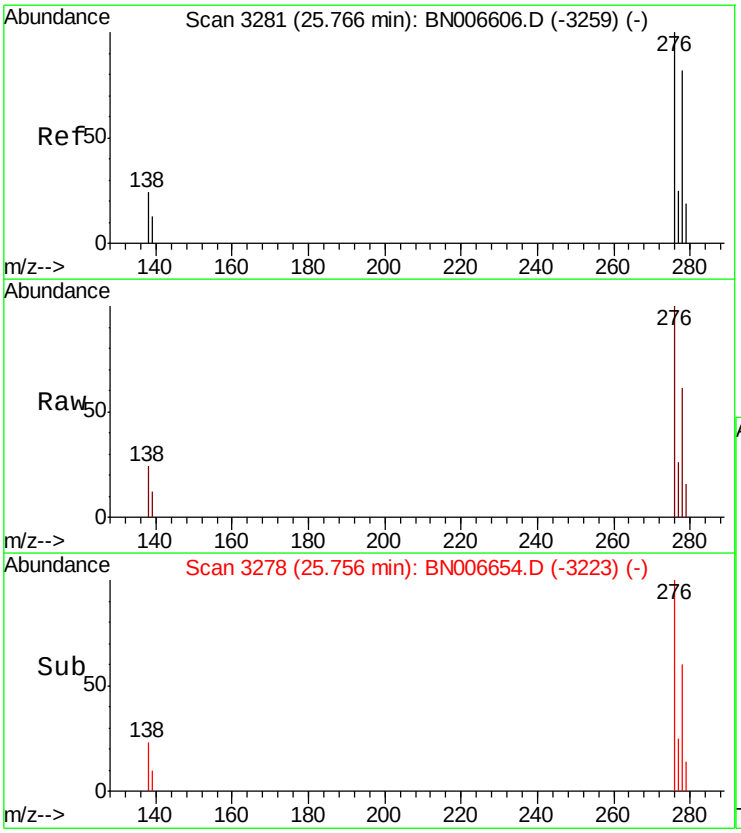

#37
Benzo(a)pyrene
Concen: 0.790 ng
RT: 23.41 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:252 Resp: 46286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 18.8 | 28.2 |
| 125 | 12.5 | 9.4 | 14.2 |

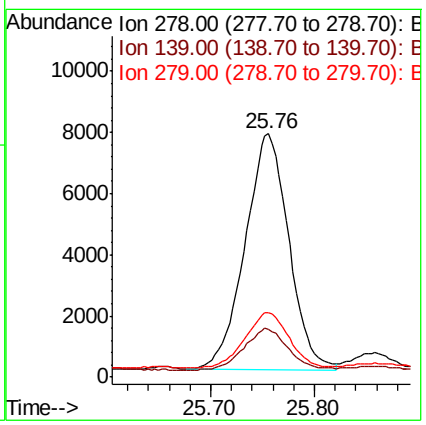


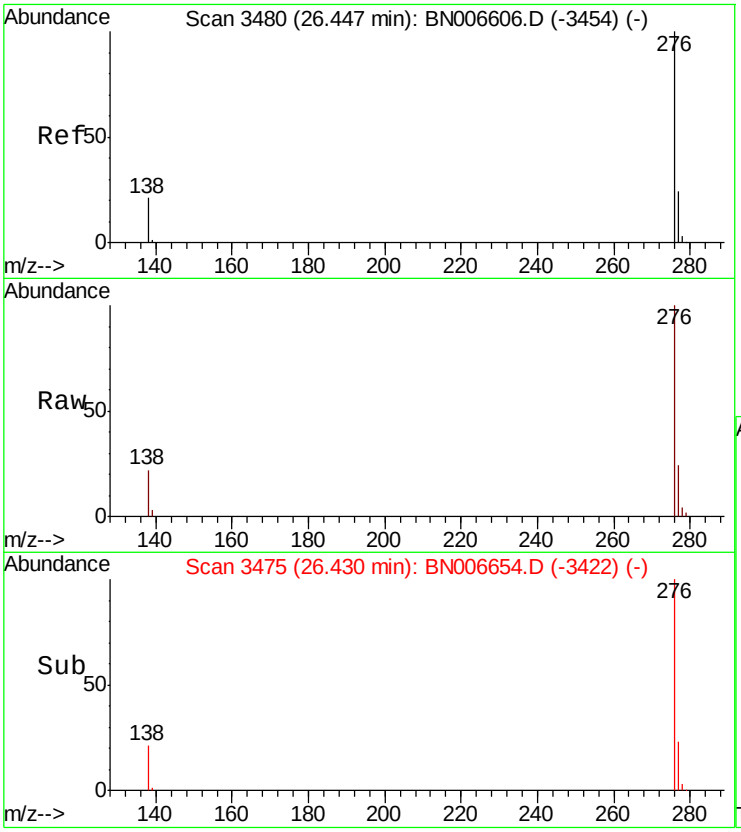




#38
Dibenzo(a,h)anthracene
Concen: 0.443 ng
RT: 25.76 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

Tgt Ion:278 Resp: 22696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.7 | 13.5 | 20.3 |
| 279 | 26.5 | 19.4 | 29.2 |






#39
Benzo(g,h,i)perylene
Concen: 0.755 ng
RT: 26.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BN006654.D
Acq: 01 Jul 2019 09:47

**Instrument :**
BNA_N
**ClientSampleId :**
PST-013-B213-062019MS

Tgt Ion:276 Resp: 38572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.6 | 29.4 |
| 138 | 22.3 | 17.7 | 26.5 |