Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007632.D
Acq On : 13 Sep 2019 18:13
Operator : HP/JU
Sample : K4858-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** RE122D2-20190909MSD

Quant Time: Sep 14 03:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 9085 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 35110 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 19222 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 39599 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 39735 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.50 | 264 | 39282 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 4274 | 0.15 | ng | | 0.00 |
| 5) Phenol-d6 | 6.89 | 99 | 3553 | 0.11 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 9544 | 0.34 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 25874 | 0.44 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.83 | 330 | 2178 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 30994 | 0.37 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 49023 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 41717 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 58924 | 5.413 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.03 | 42 | 159815 | 32.353 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.15 | 93 | 11426 | 0.428 | ng | | 99 |
| 9) Naphthalene | 10.53 | 128 | 40592 | 0.404 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.84 | 225 | 6554 | 0.323 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.15 | 142 | 26049 | 0.385 | ng | | 99 |
| 16) Acenaphthylene | 14.06 | 152 | 33790 | 0.338 | ng | | 100 |
| 17) Acenaphthene | 14.40 | 154 | 22779 | 0.349 | ng | | 99 |
| 18) Fluorene | 15.38 | 166 | 29216 | 0.355 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.28 | 248 | 9273 | 0.379 | ng | # | 85 |
| 21) Hexachlorobenzene | 16.39 | 284 | 9263 | 0.354 | ng | | 98 |
| 22) Pentachlorophenol | 16.73 | 266 | 4084 | 0.601 | ng | | 97 |
| 23) Phenanthrene | 17.12 | 178 | 49843 | 0.399 | ng | | 100 |
| 24) Anthracene | 17.21 | 178 | 42164 | 0.381 | ng | | 100 |
| 26) Fluoranthene | 19.14 | 202 | 56374 | 0.386 | ng | | 99 |
| 28) Pyrene | 19.51 | 202 | 57213 | 0.396 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 52334 | 0.371 | ng | | 99 |
| 31) Chrysene | 21.31 | 228 | 57203 | 0.390 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 19386 | 0.406 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 56269 | 0.359 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.83 | 252 | 54646 | 0.383 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 56599 | 0.388 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.40 | 252 | 48760 | 0.385 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.73 | 278 | 47146 | 0.356 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.39 | 276 | 48864 | 0.372 | ng | | 99 |

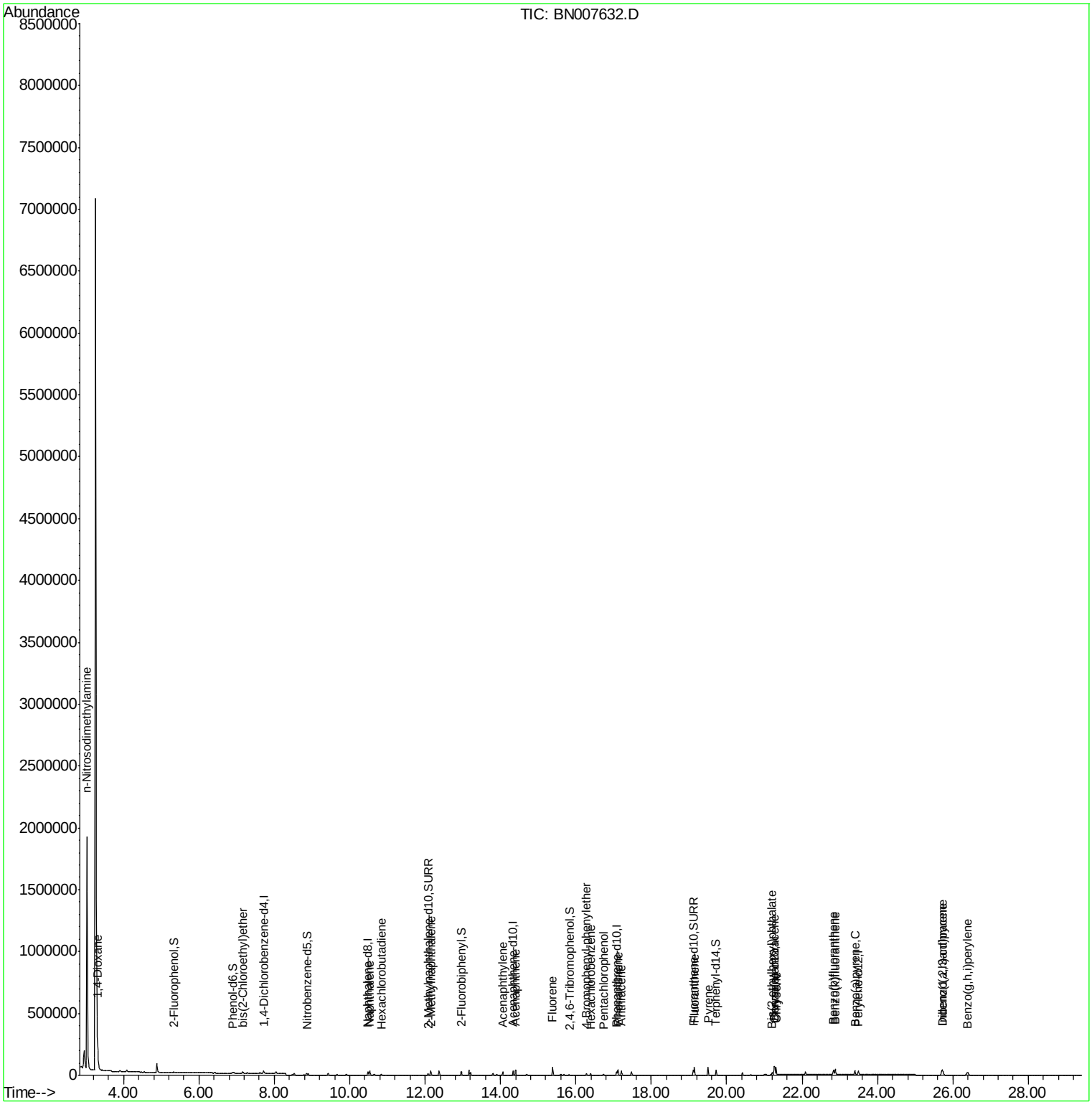
(#) = qualifier out of range (m) = manual integration (+) = signals summed

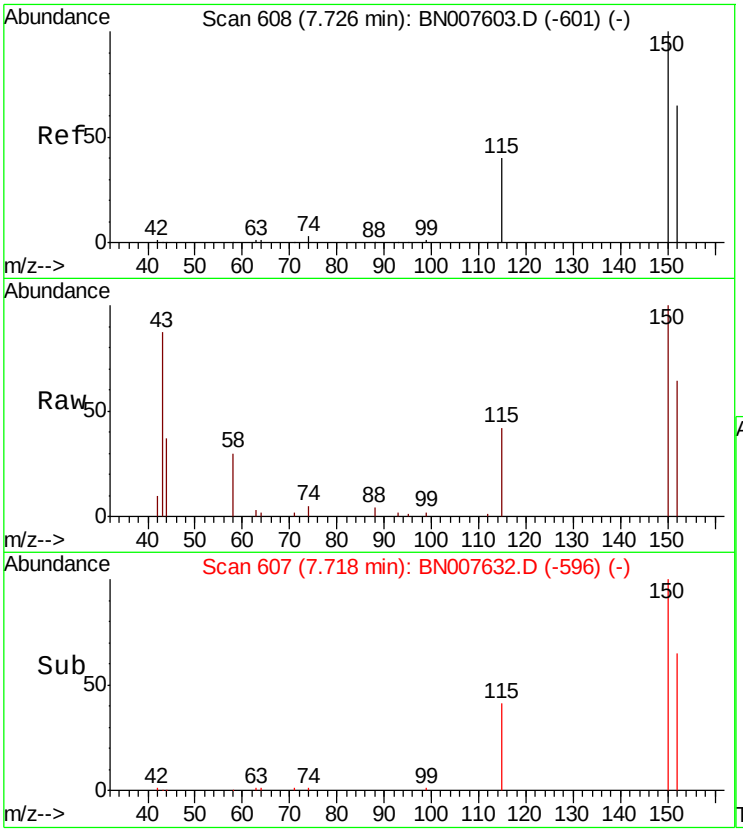
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007632.D
Acq On : 13 Sep 2019 18:13
Operator : HP/JU
Sample : K4858-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Quant Time: Sep 14 03:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



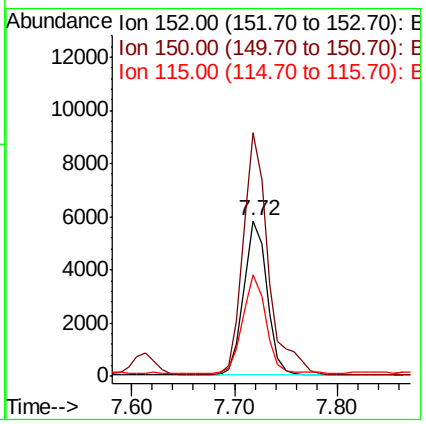


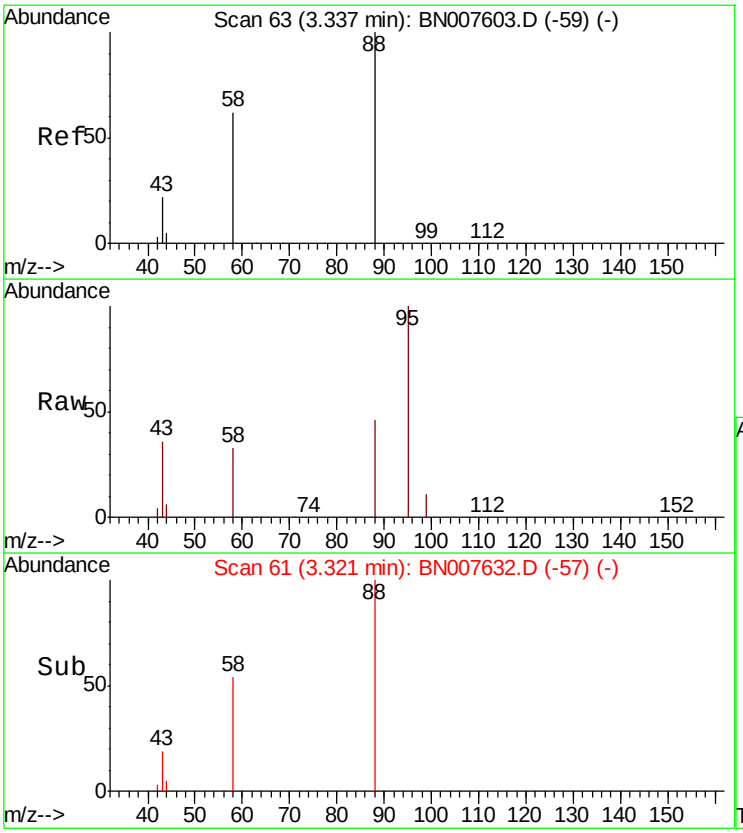

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:152 Resp: 9085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 122.4 | 183.6 |
| 115 | 65.1 | 50.4 | 75.6 |

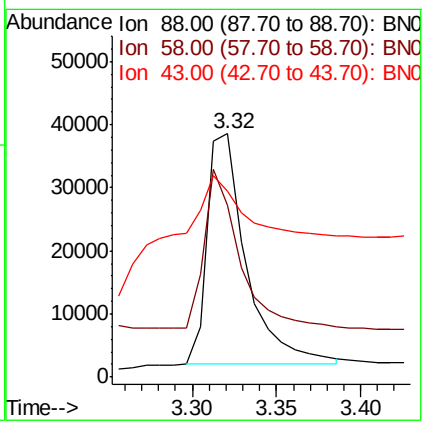


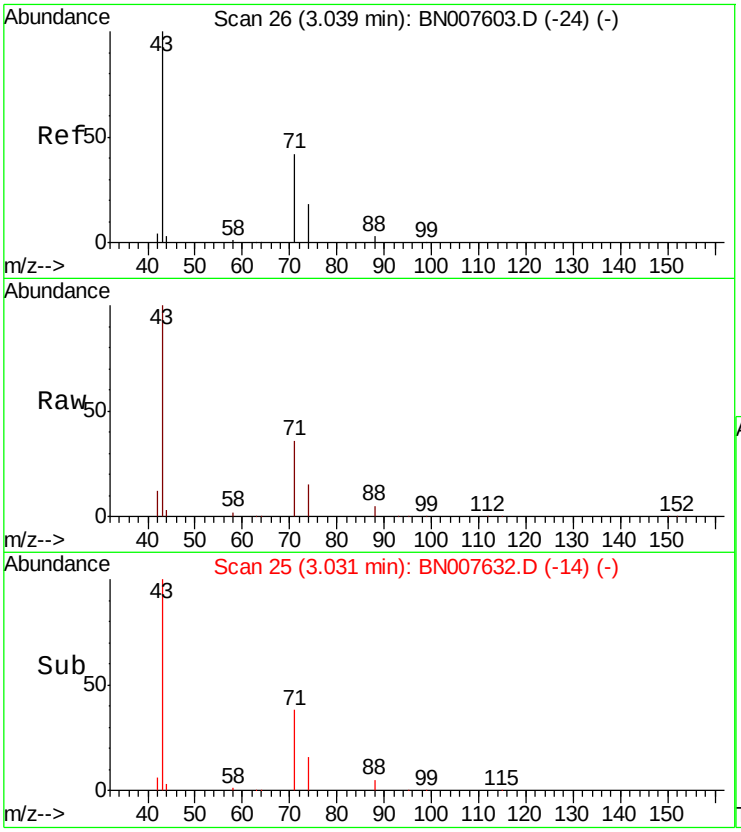




#2
1,4-Dioxane
Concen: 5.413 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion: 88 Resp: 58924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 61.2 | 57.0 | 85.4 |
| 43 | 24.4 | 20.0 | 30.0 |



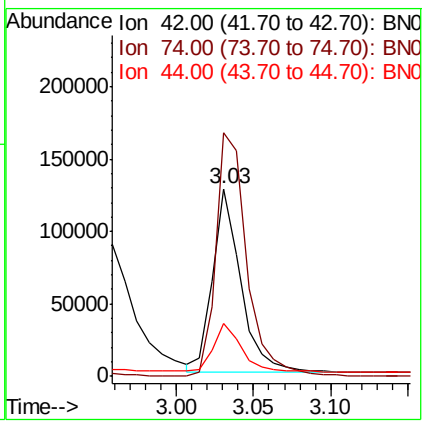


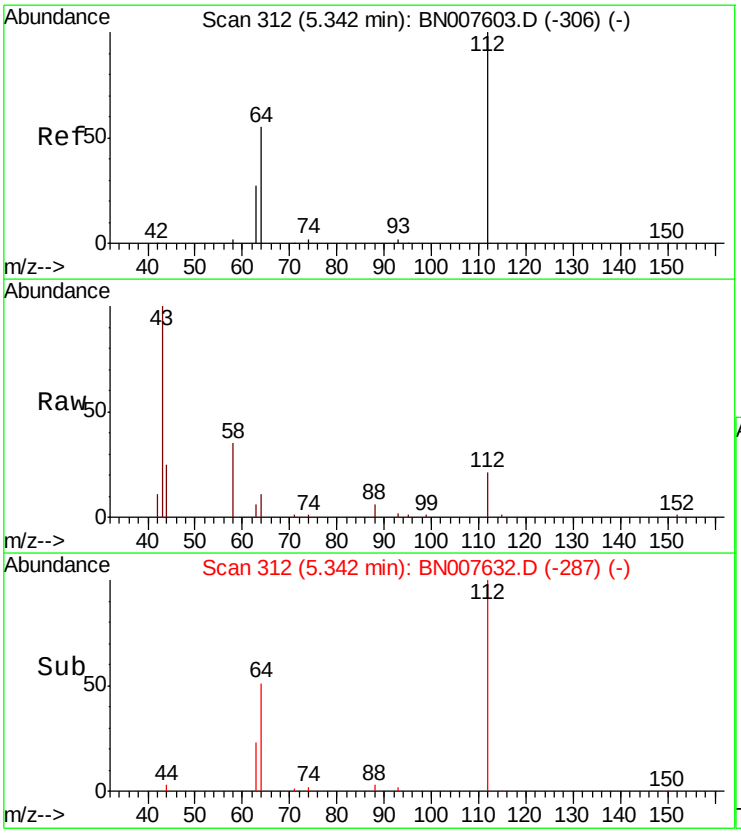

#3
n-Nitrosodimethylamine
Concen: 32.353 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion: 42 Resp: 159815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 145.4 | 9.8 | 14.8# |
| 44 | 26.7 | 0.0 | 0.0# |

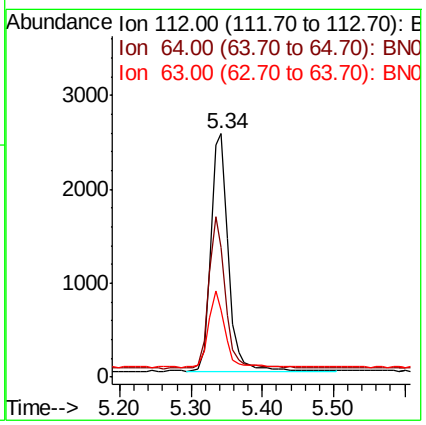


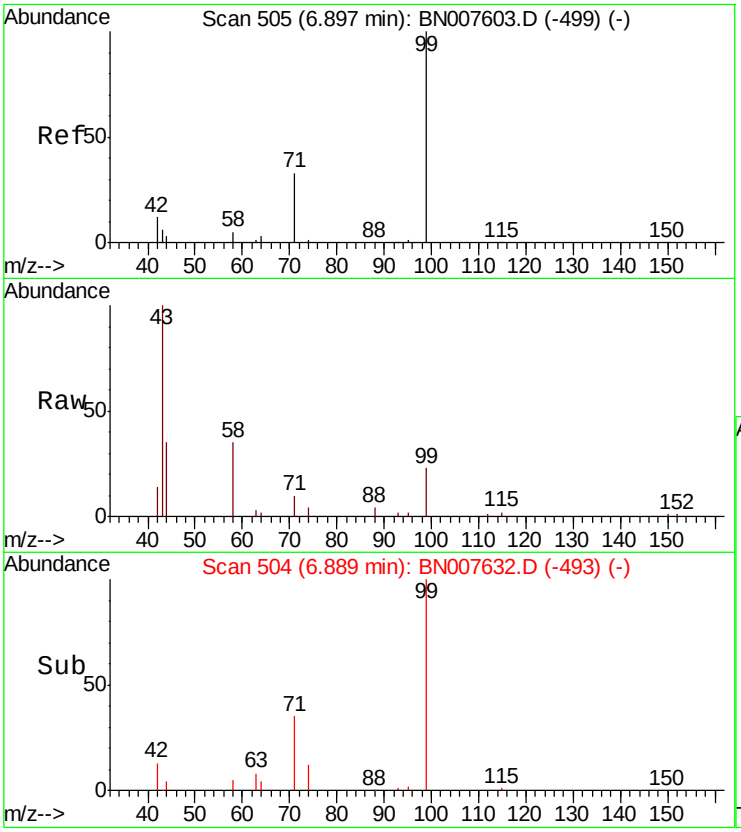




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:112 Resp: 4274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.6 | 48.5 | 72.7 |
| 63 | 30.4 | 24.4 | 36.6 |



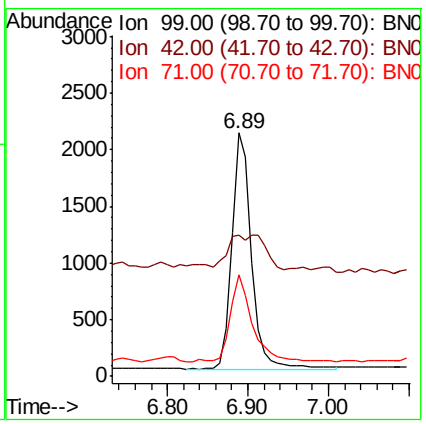


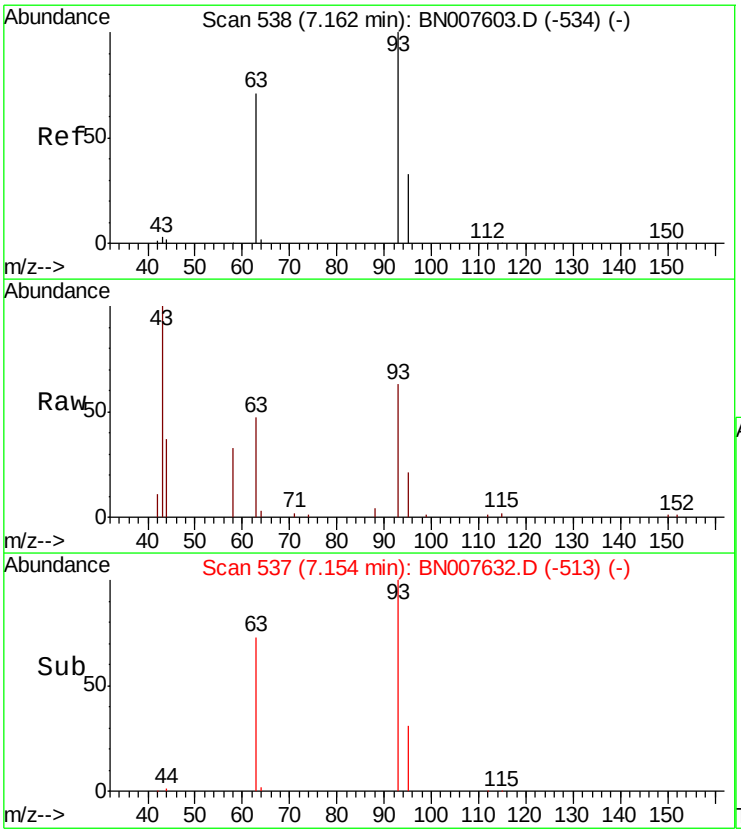

#5
Phenol-d6
Concen: 0.106 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion: 99 Resp: 3553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.0 | 11.8 | 17.6# |
| 71 | 41.3 | 28.0 | 42.0 |

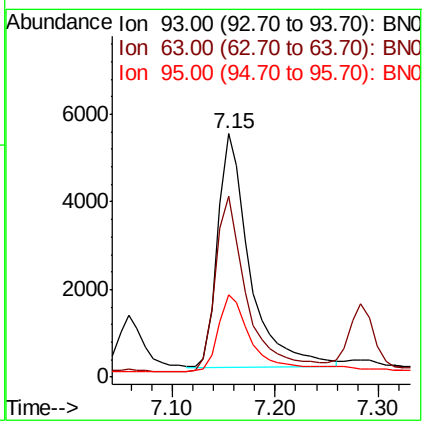


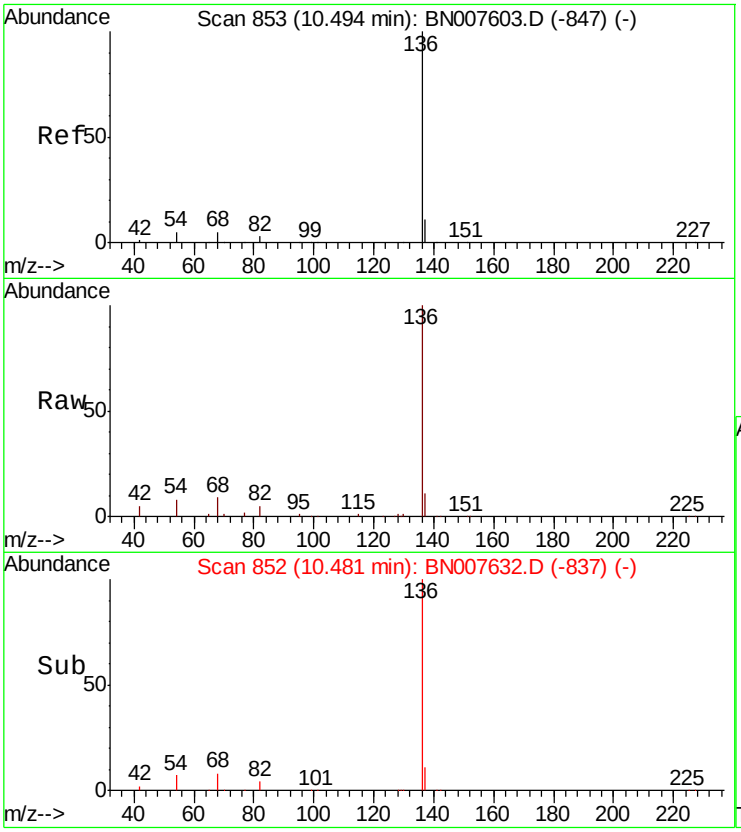




#6
bis(2-Chloroethyl)ether
Concen: 0.428 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion: 93 Resp: 11426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.7 | 61.2 | 91.8 |
| 95 | 34.6 | 27.2 | 40.8 |



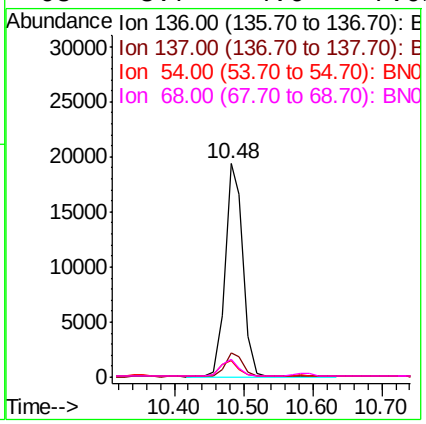


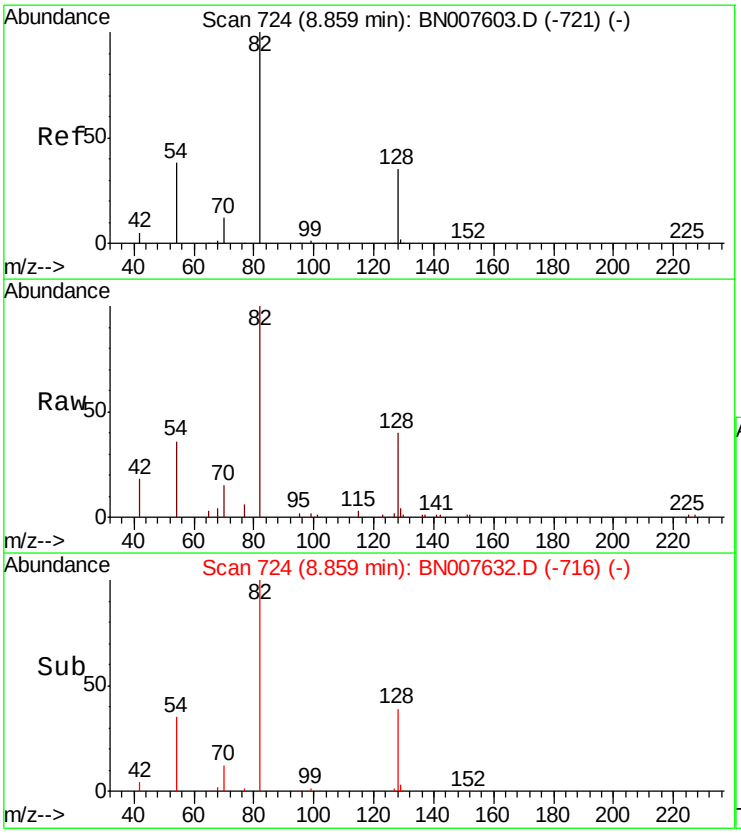

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:136 Resp: 35110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 8.1 | 4.2 | 6.4# |
| 68 | 8.7 | 4.6 | 7.0# |

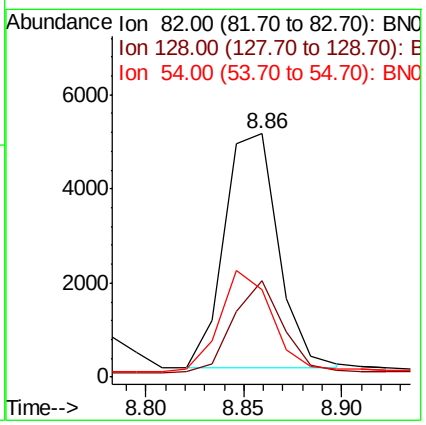


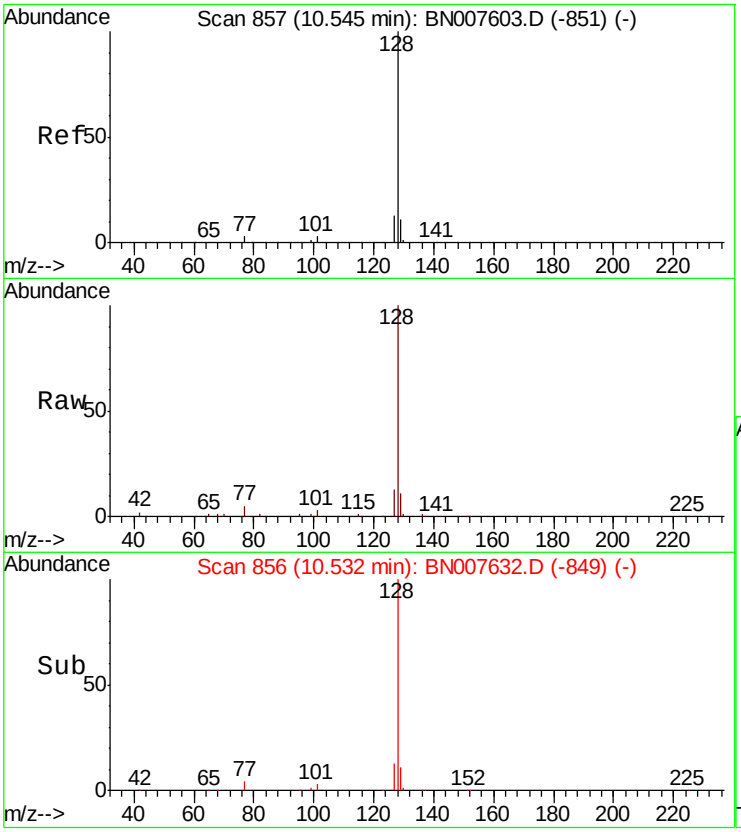




#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion: 82 Resp: 9544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 27.9 | 41.9 |
| 54 | 35.9 | 30.9 | 46.3 |



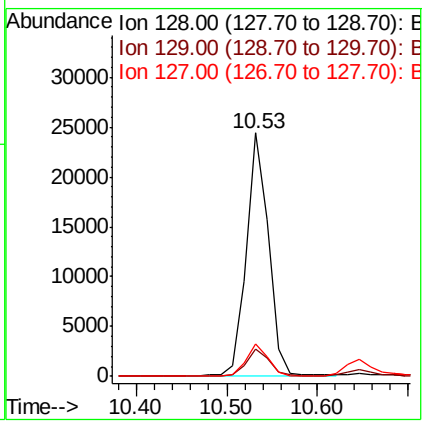


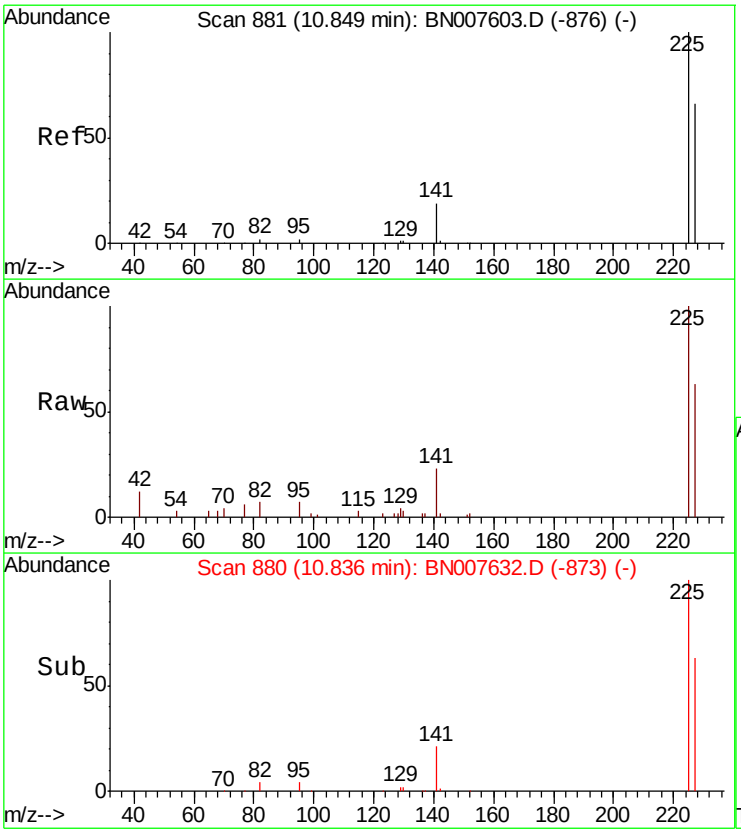

#9
Naphthalene
Concen: 0.404 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:128 Resp: 40592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.4 |
| 127 | 13.3 | 10.4 | 15.6 |

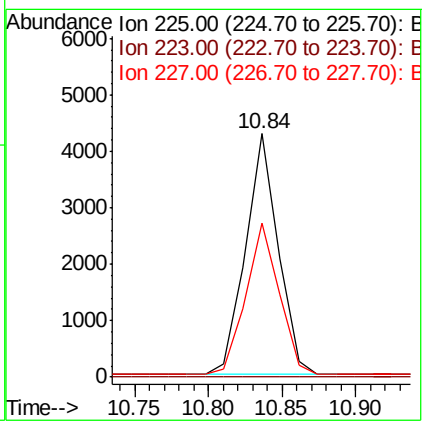


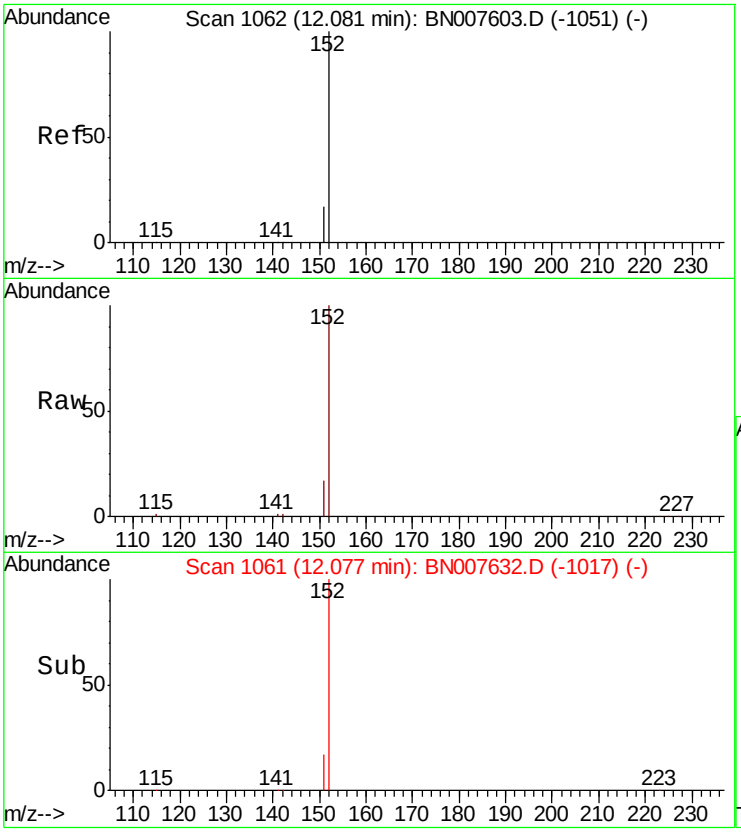




#10
Hexachlorobutadiene
Concen: 0.323 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:225 Resp: 6554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.9 | 51.3 | 76.9 |



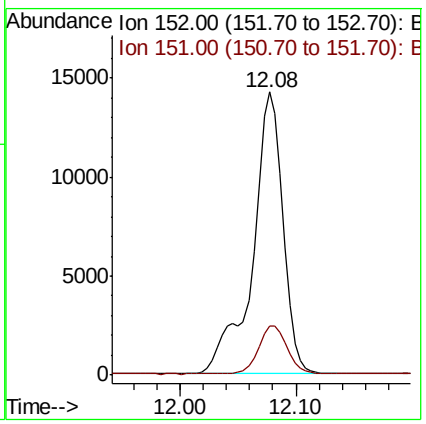


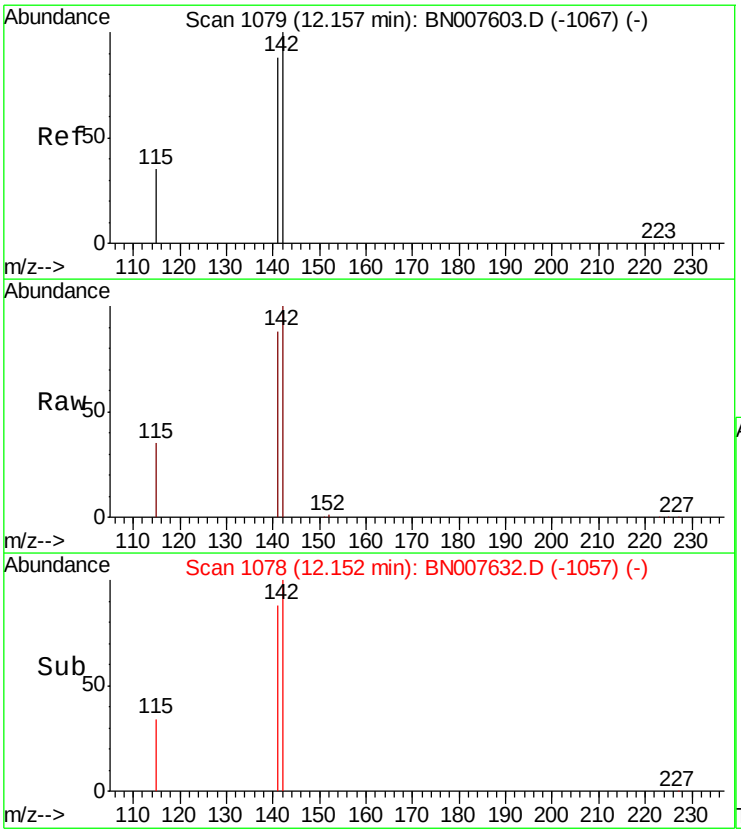

#11
2-Methylnaphthalene-d10
Concen: 0.435 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:152 Resp: 25874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.4 | 15.3 | 22.9 |

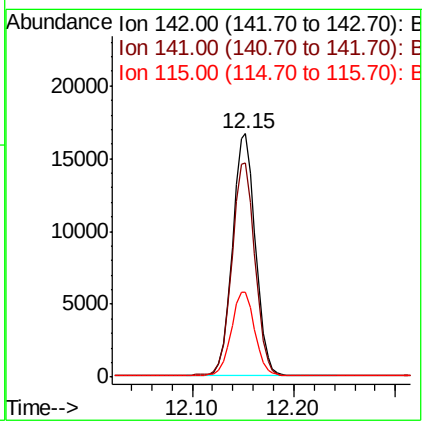


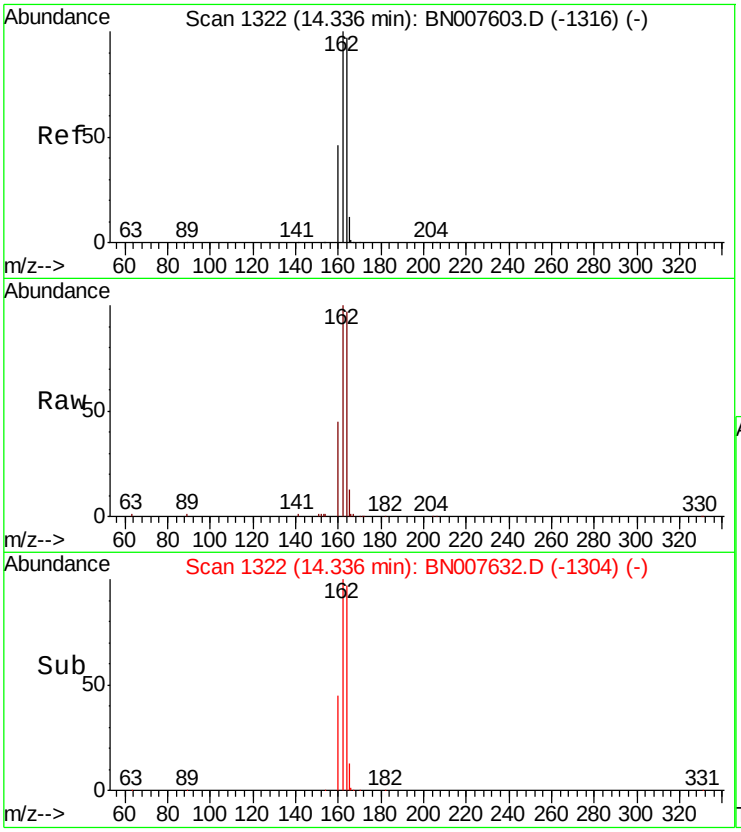




#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:142 Resp: 26049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 70.5 | 105.7 |
| 115 | 34.8 | 28.4 | 42.6 |



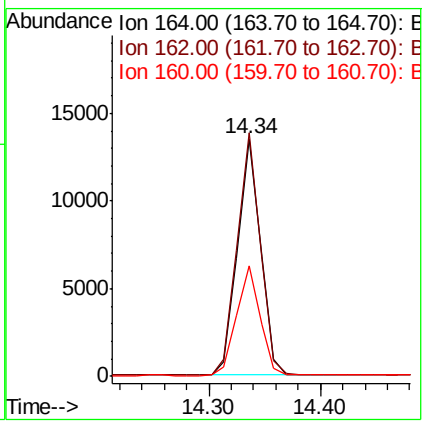


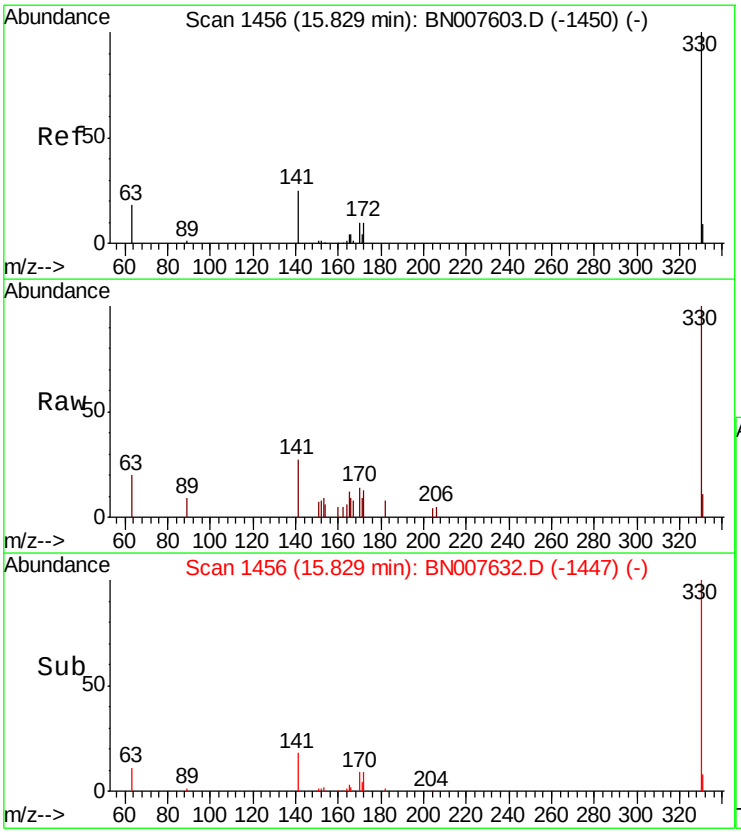

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:164 Resp: 19222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 82.8 | 124.2 |
| 160 | 46.5 | 38.0 | 57.0 |

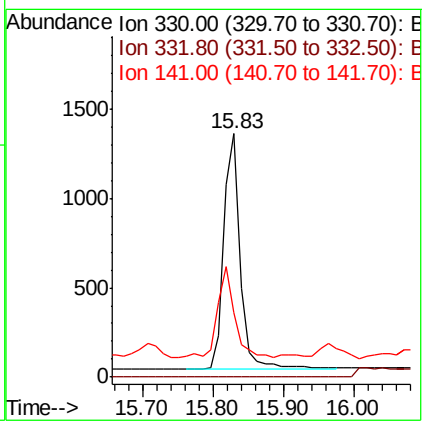


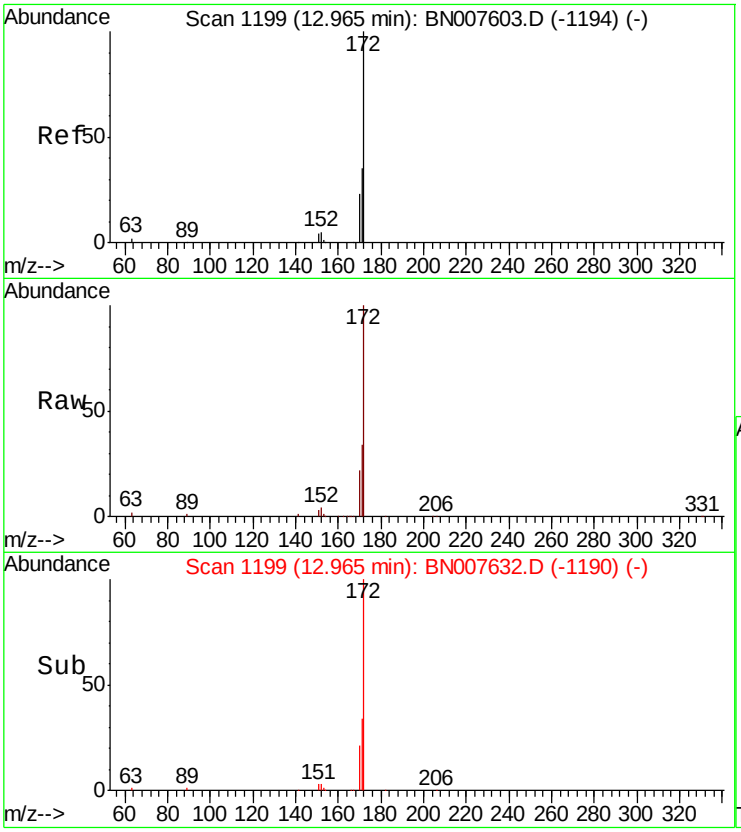




#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:330 Resp: 2178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 39.8 | 30.1 | 45.1 |



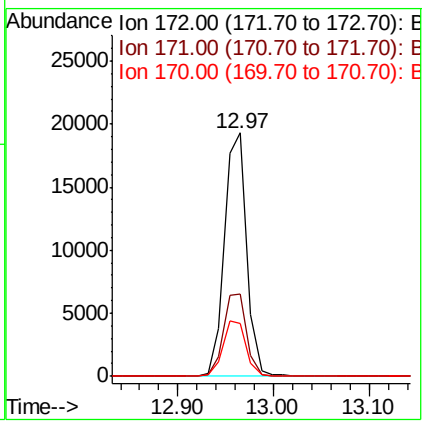


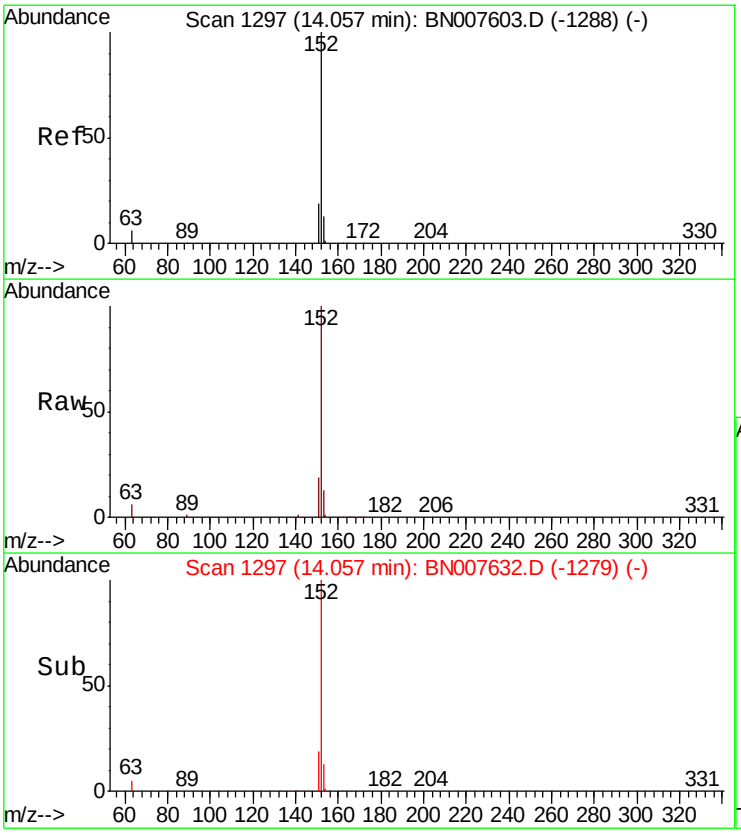

#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:172 Resp: 30994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.7 | 27.9 | 41.9 |
| 170 | 21.6 | 18.5 | 27.7 |

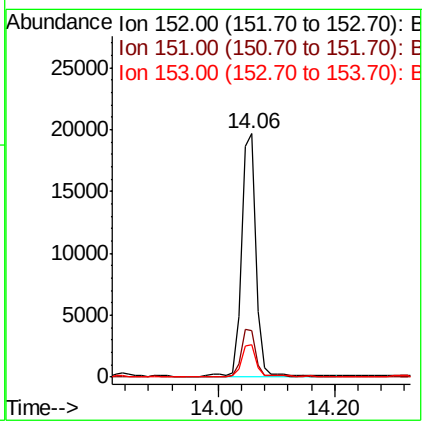


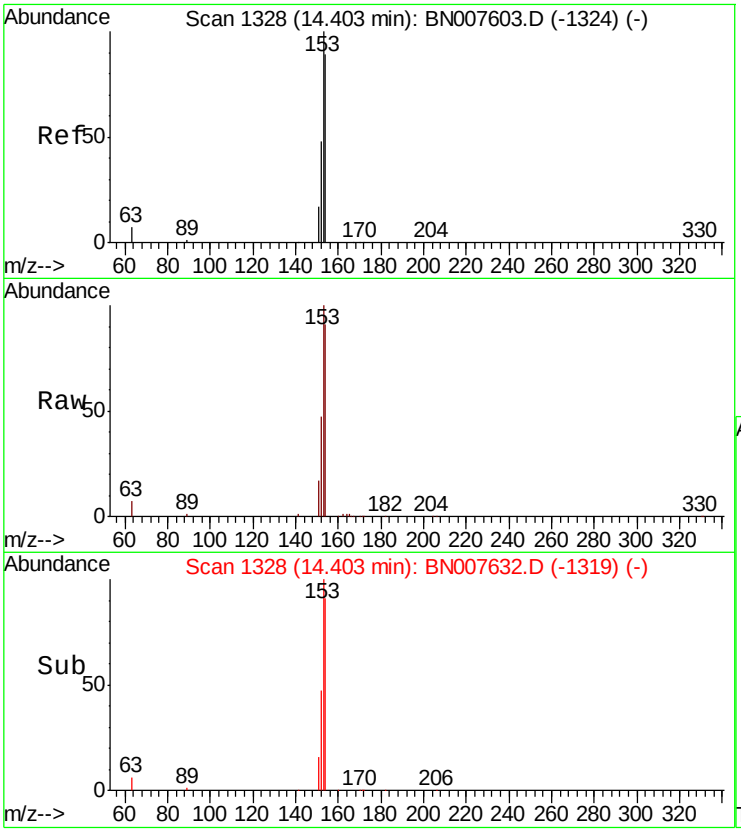




#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:152 Resp: 33790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.7 | 23.5 |
| 153 | 13.2 | 10.4 | 15.6 |



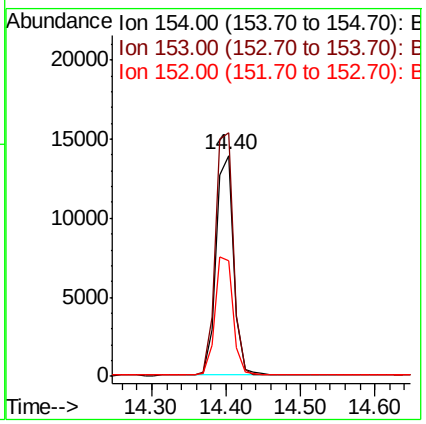


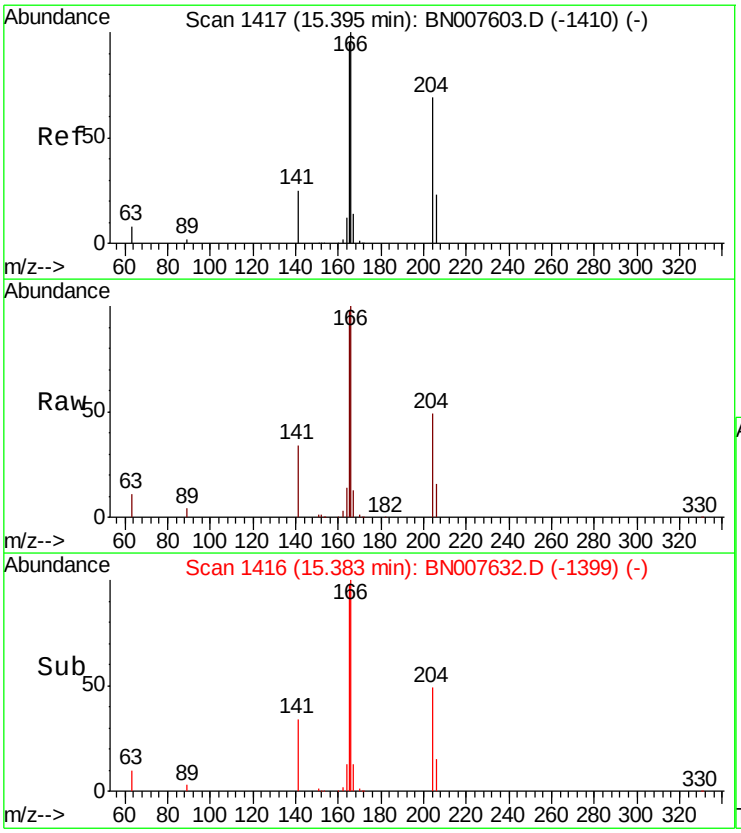

#17
Acenaphthene
Concen: 0.349 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:154 Resp: 22779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 89.8 | 134.8 |
| 152 | 55.3 | 43.8 | 65.8 |

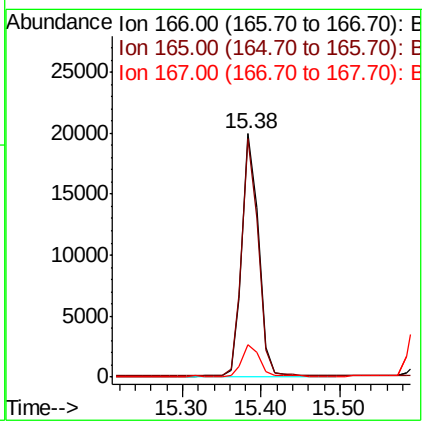


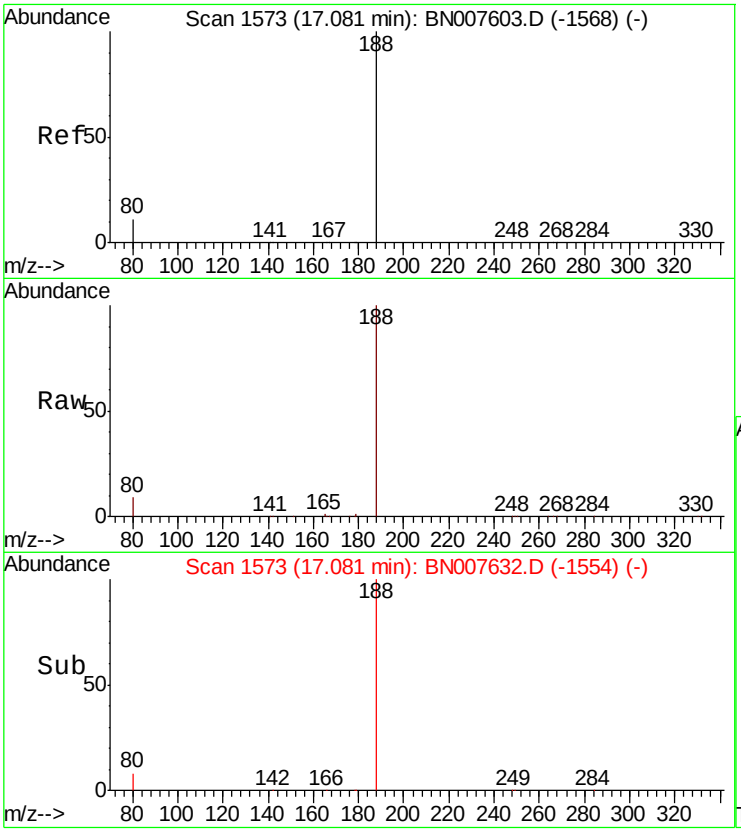




#18
Fluorene
Concen: 0.355 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:166 Resp: 29216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.7 | 77.8 | 116.6 |
| 167 | 13.4 | 10.8 | 16.2 |



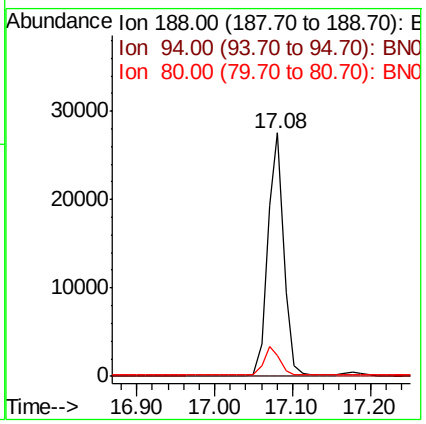


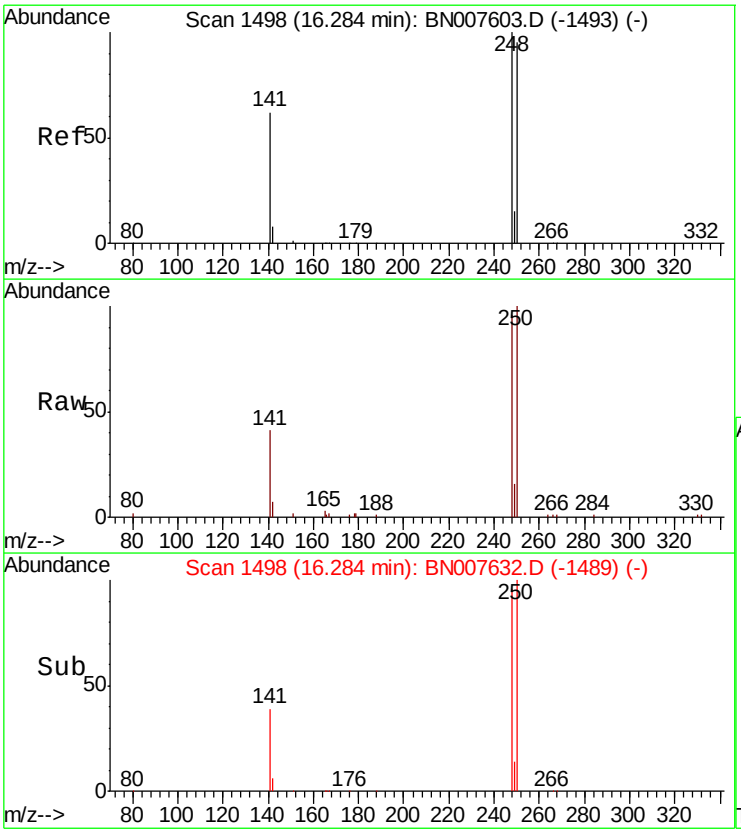

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:188 Resp: 39599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.5 | 8.8 | 13.2# |

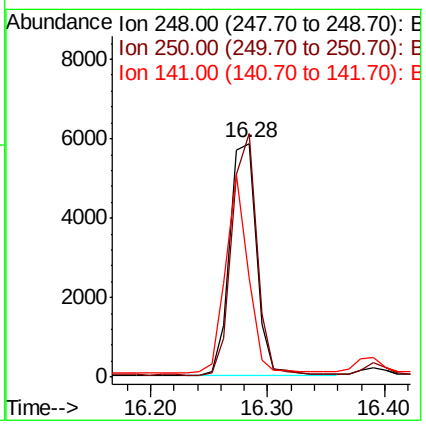


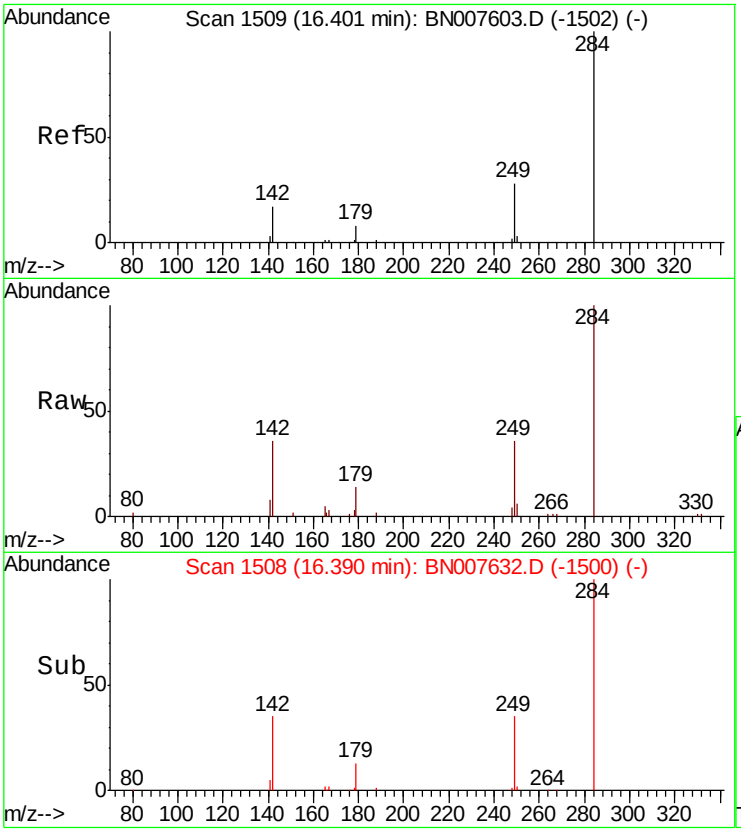




#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:248 Resp: 9273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 104.1 | 76.3 | 114.5 |
| 141 | 42.5 | 49.7 | 74.5# |



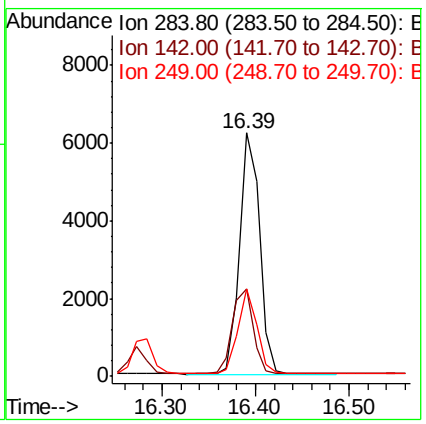


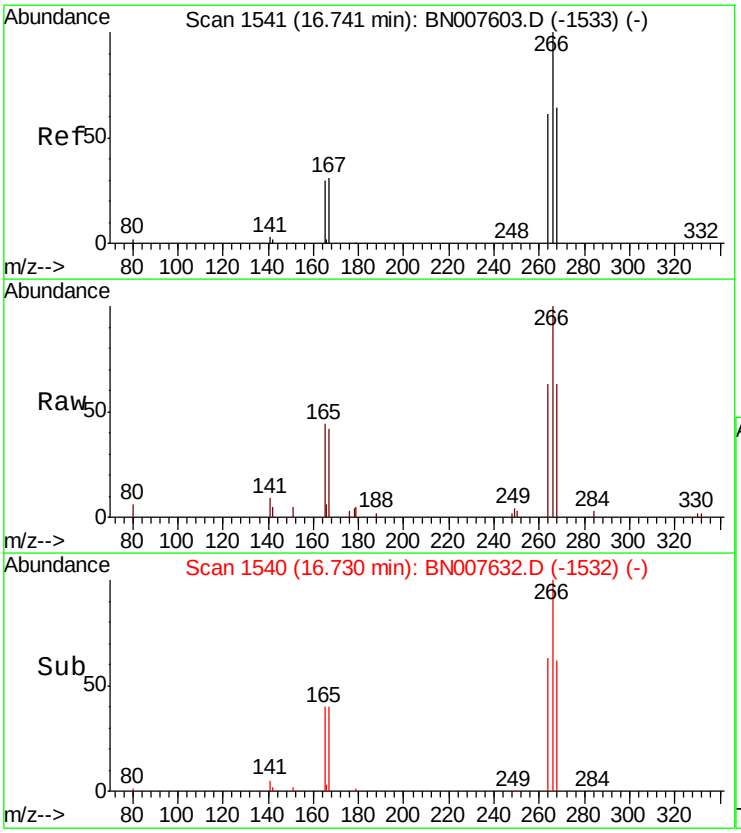

#21
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:284 Resp: 9263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.7 | 27.8 | 41.6 |
| 249 | 32.8 | 25.5 | 38.3 |

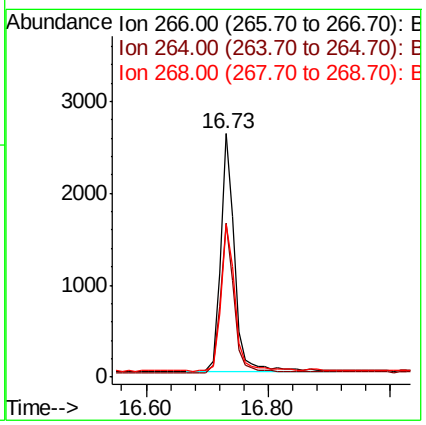


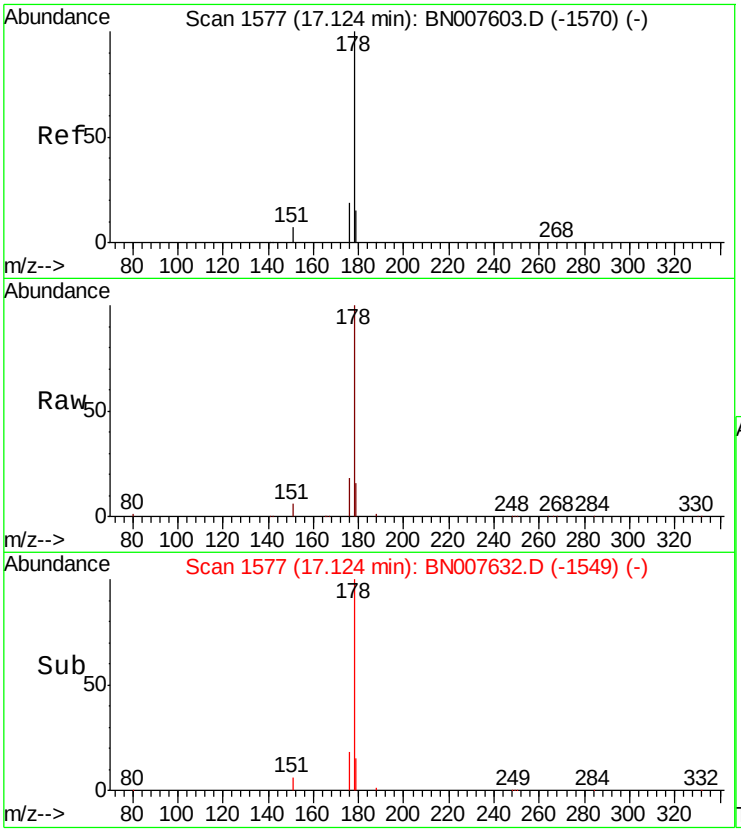




#22
Pentachlorophenol
Concen: 0.601 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:266 Resp: 4084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.4 | 49.4 | 74.0 |
| 268 | 62.7 | 53.0 | 79.6 |



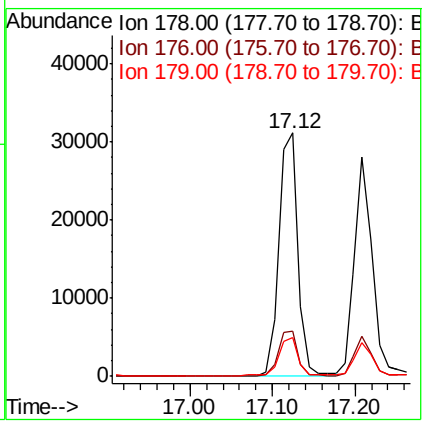


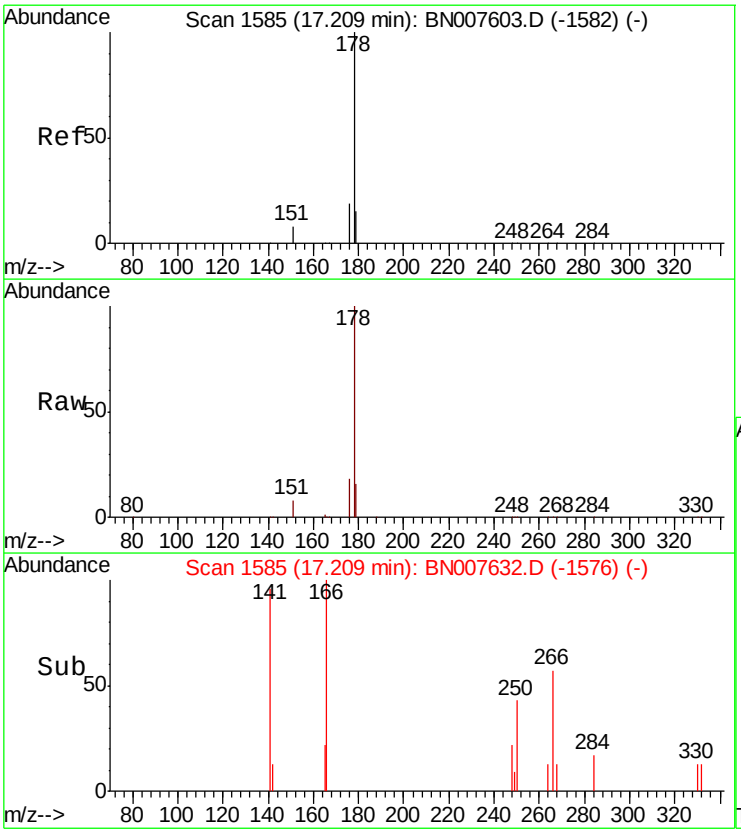

#23
Phenanthrene
Concen: 0.399 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:178 Resp: 49843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.6 |
| 179 | 15.4 | 12.4 | 18.6 |

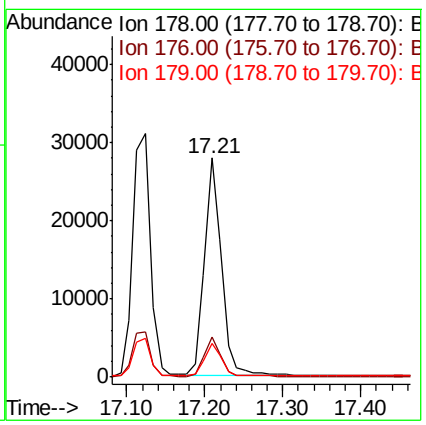


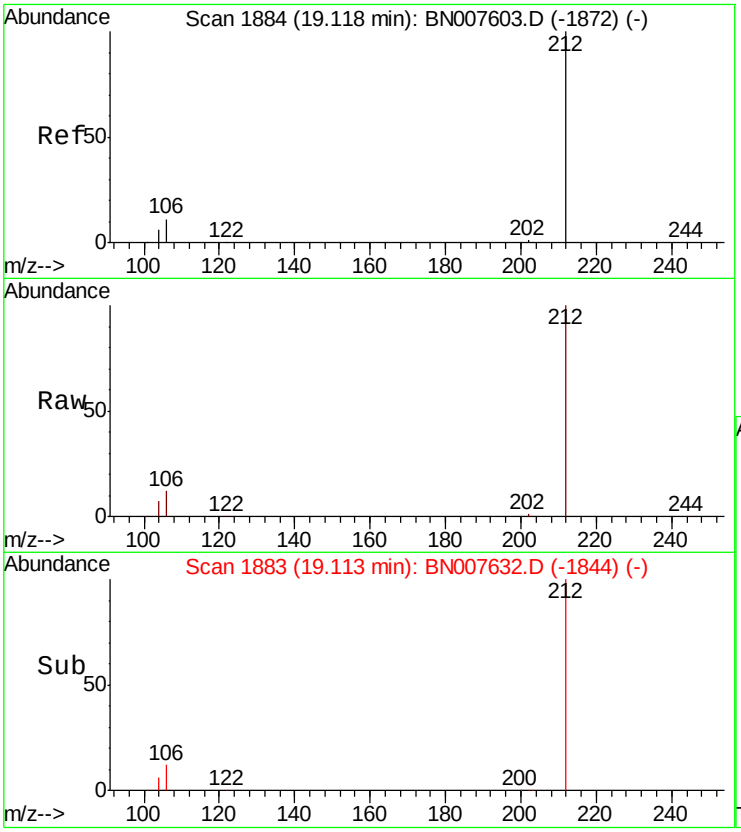




#24
Anthracene
Concen: 0.381 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:178 Resp: 42164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.5 | 21.7 |
| 179 | 15.3 | 12.4 | 18.6 |



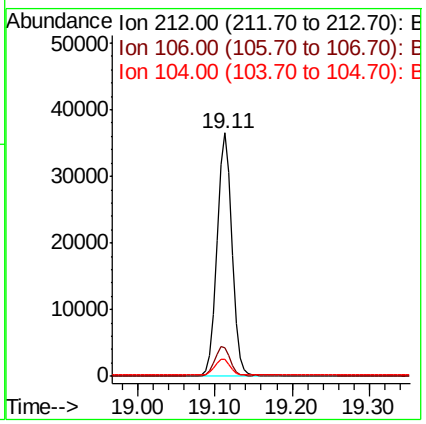


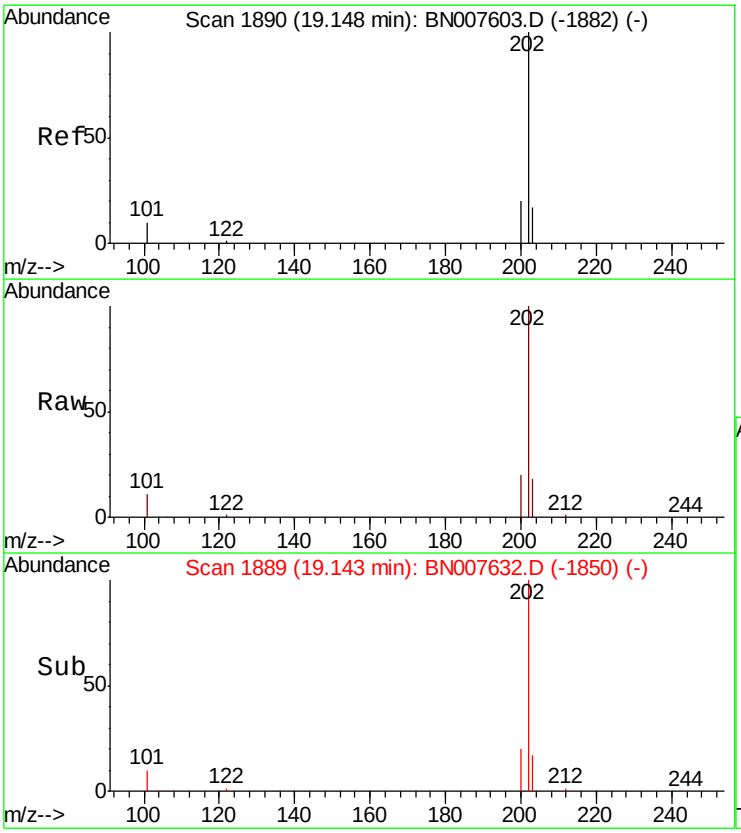

#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:212 Resp: 49023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.3 | 9.6 | 14.4 |
| 104 | 6.9 | 5.4 | 8.0 |

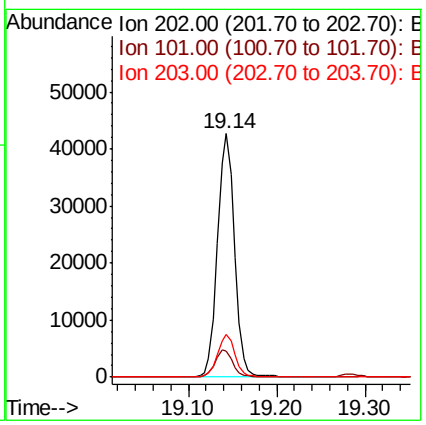


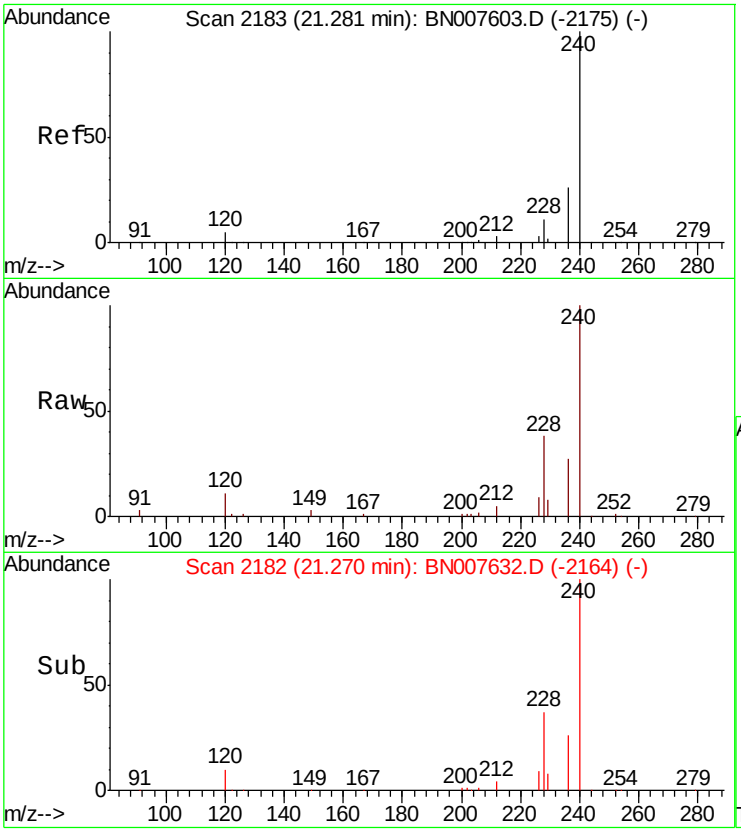




#26
Fluoranthene
Concen: 0.386 ng
RT: 19.14 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:202 Resp: 56374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 8.6 | 13.0 |
| 203 | 17.3 | 13.8 | 20.6 |



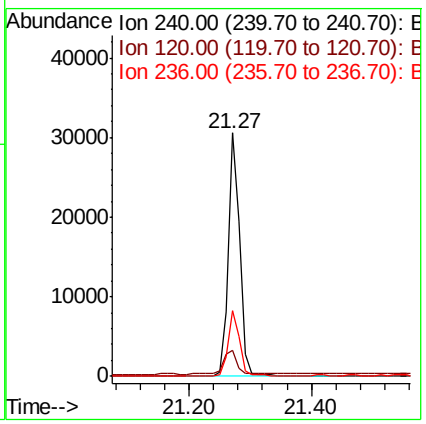


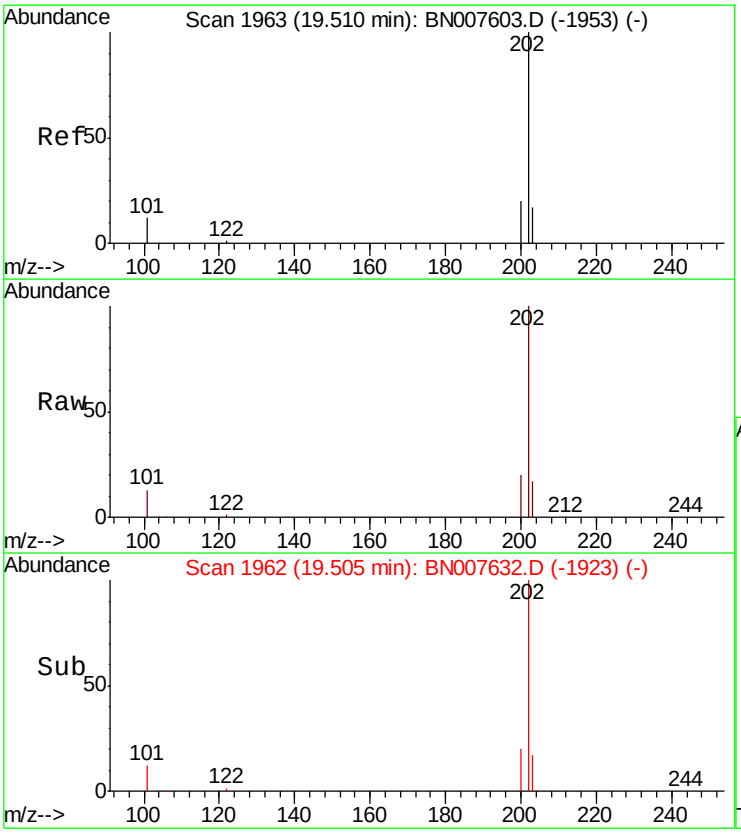

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:240 Resp: 39735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 4.3 | 6.5# |
| 236 | 26.7 | 20.8 | 31.2 |

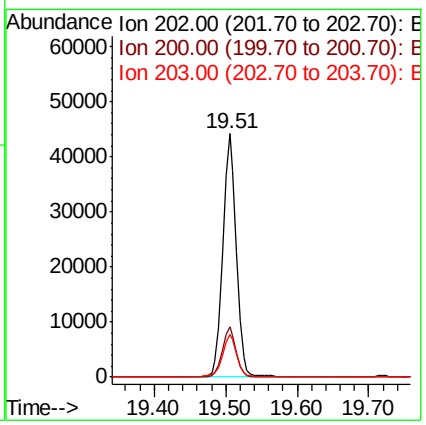


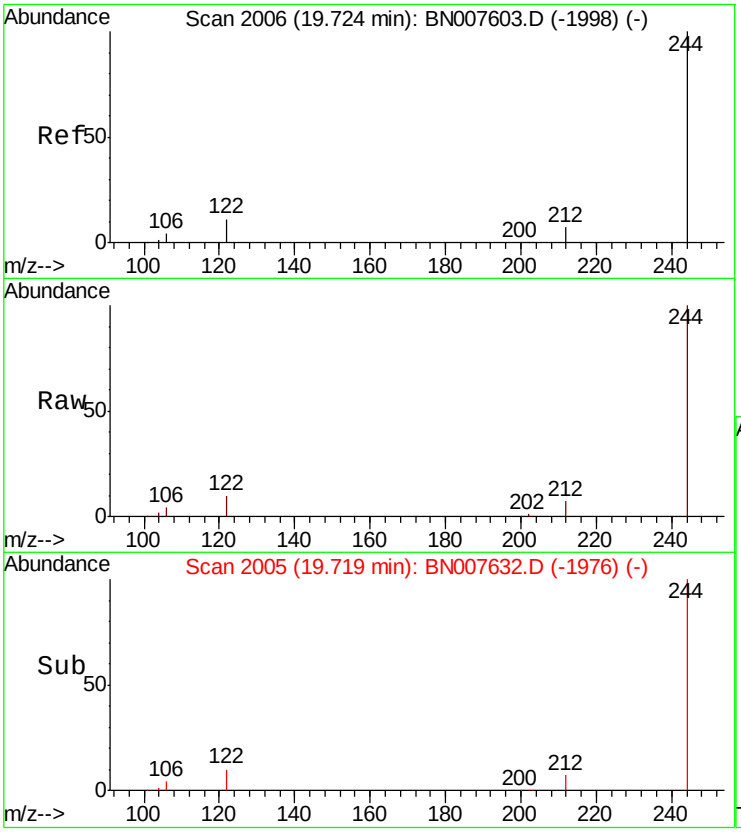




#28
Pyrene
Concen: 0.396 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:202 Resp: 57213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.4 | 24.6 |
| 203 | 17.9 | 14.0 | 21.0 |



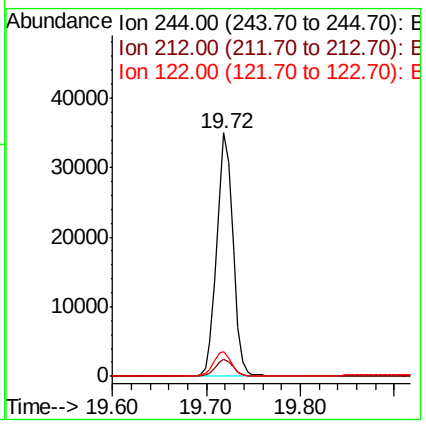


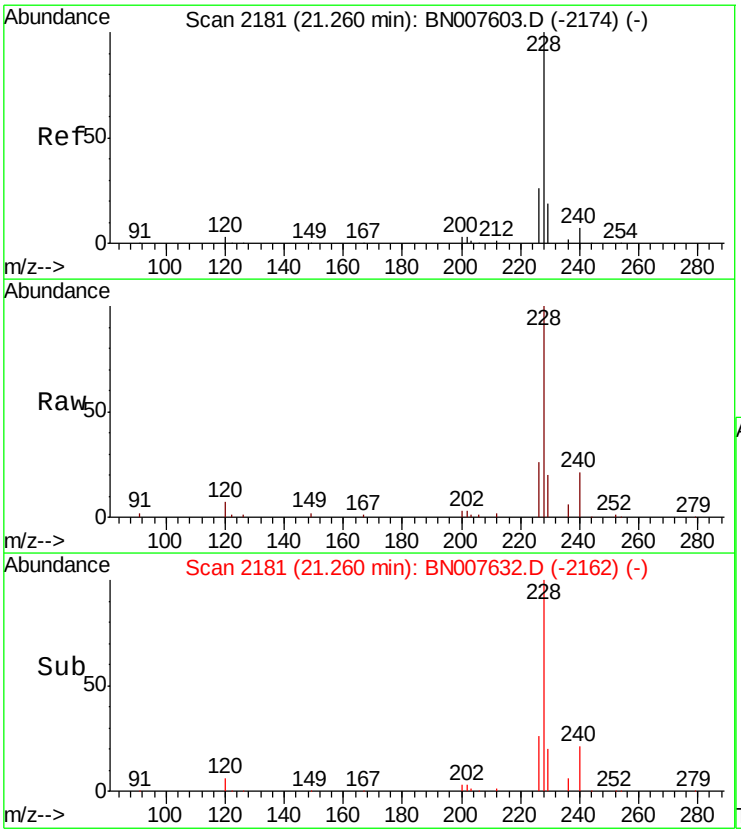

#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:244 Resp: 41717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.9 | 8.9 |
| 122 | 10.4 | 8.6 | 12.8 |

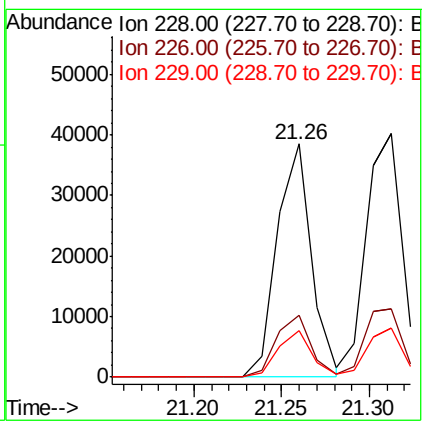


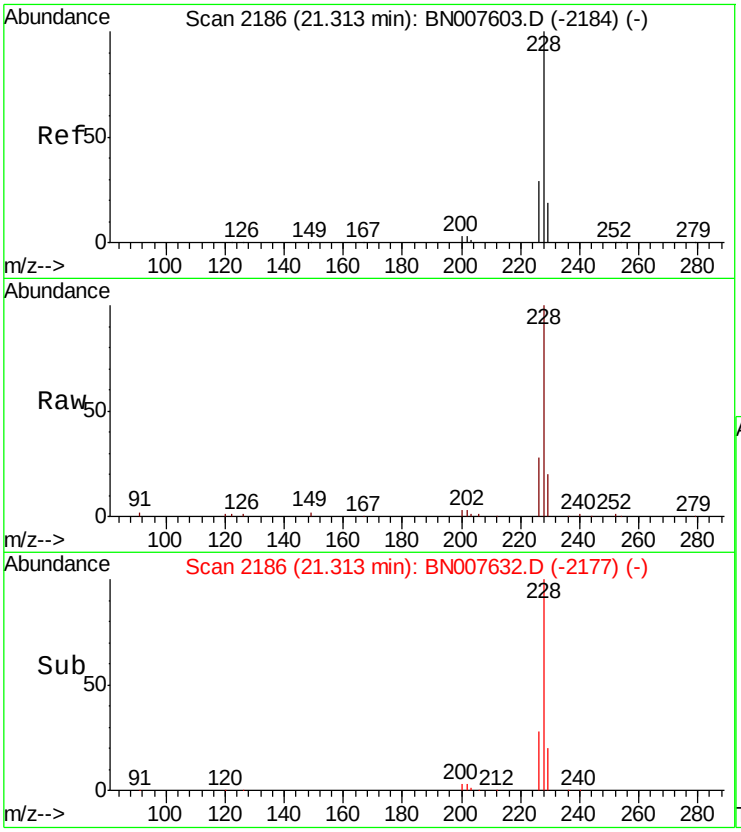




#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:228 Resp: 52334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.3 | 21.2 | 31.8 |
| 229 | 20.1 | 15.5 | 23.3 |



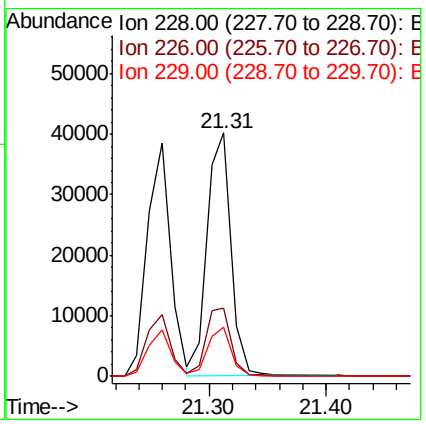


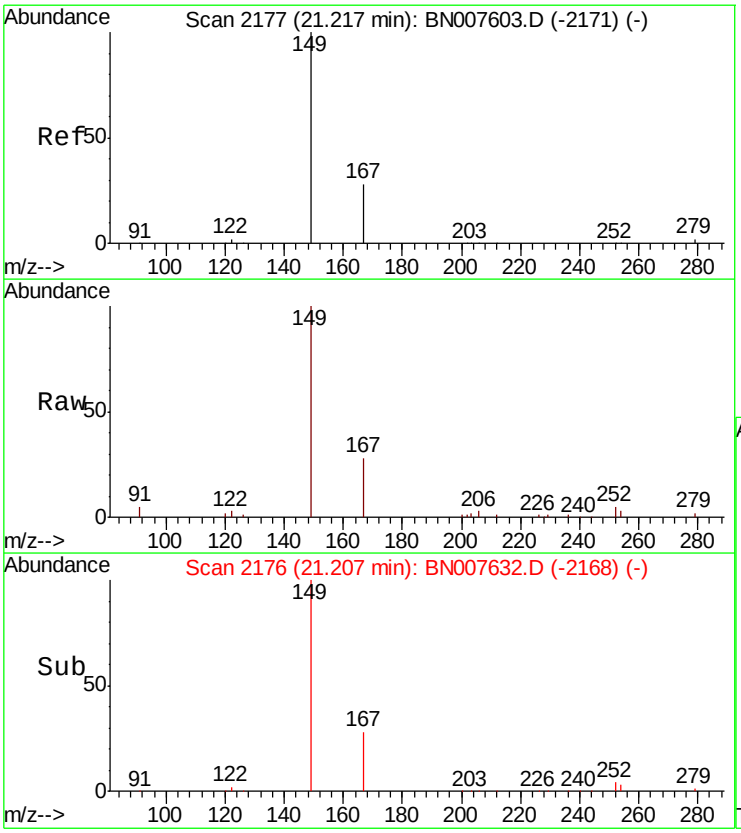

#31
Chrysene
Concen: 0.390 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:228 Resp: 57203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.1 | 23.4 | 35.2 |
| 229 | 19.9 | 15.5 | 23.3 |

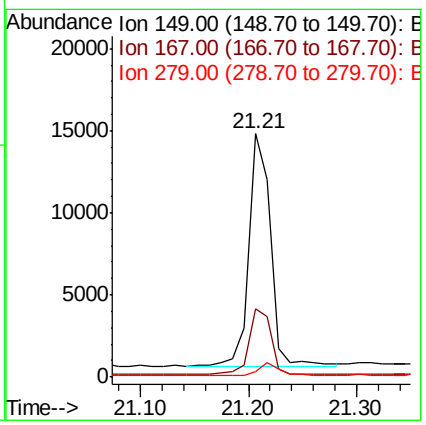


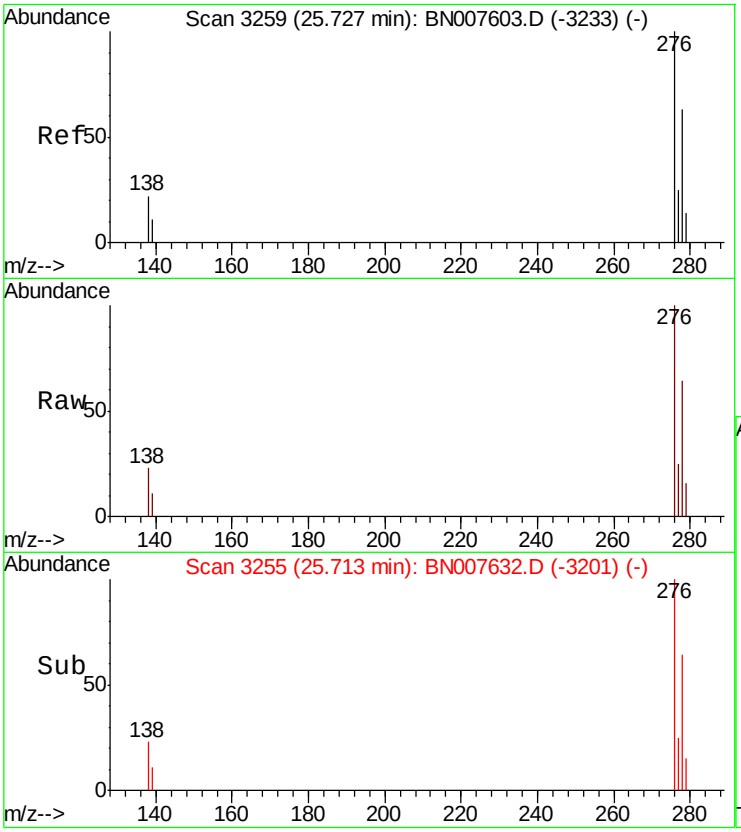




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:149 Resp: 19386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 22.6 | 34.0 |
| 279 | 4.6 | 3.8 | 5.6 |



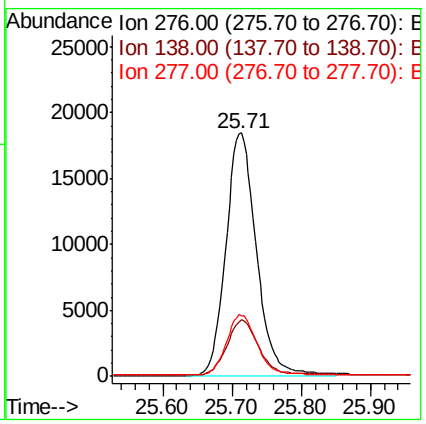


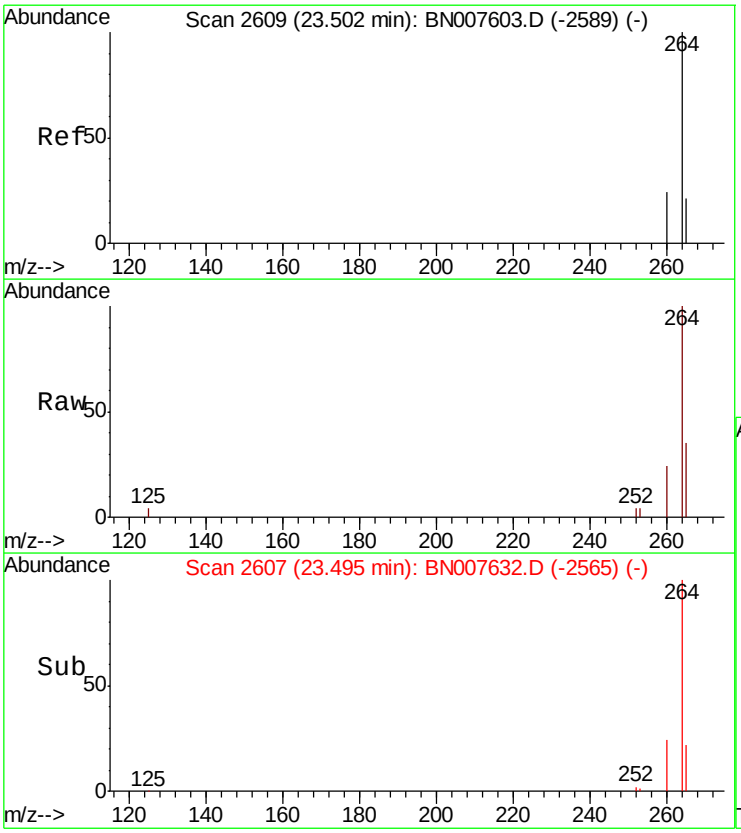

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 25.71 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:276 Resp: 56269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.9 | 18.2 | 27.4 |
| 277 | 24.9 | 20.1 | 30.1 |

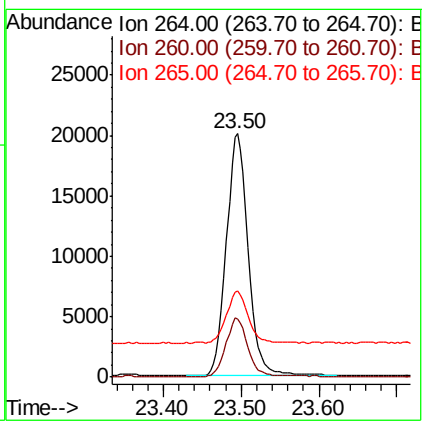


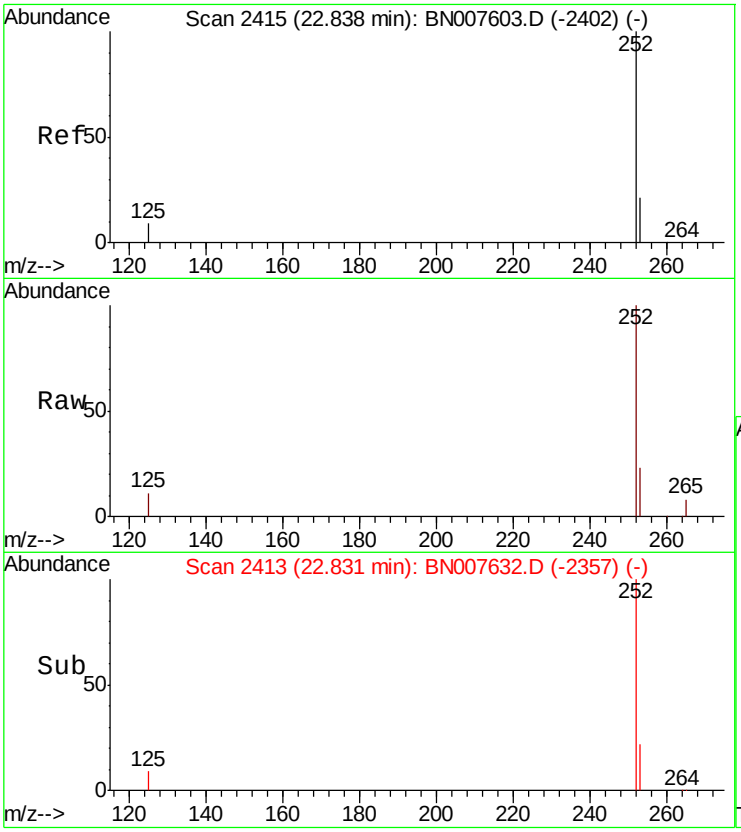




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:264 Resp: 39282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.1 | 28.7 |
| 265 | 35.3 | 24.6 | 37.0 |



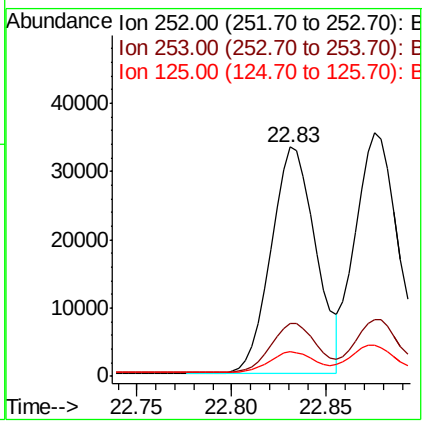


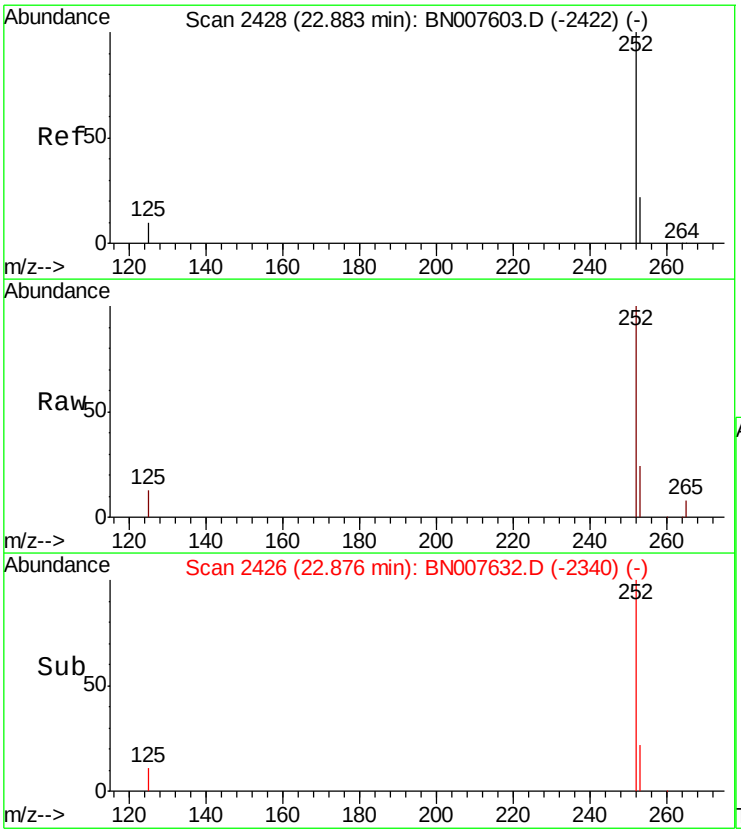

#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:252 Resp: 54646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.8 | 26.8 |
| 125 | 10.7 | 8.0 | 12.0 |

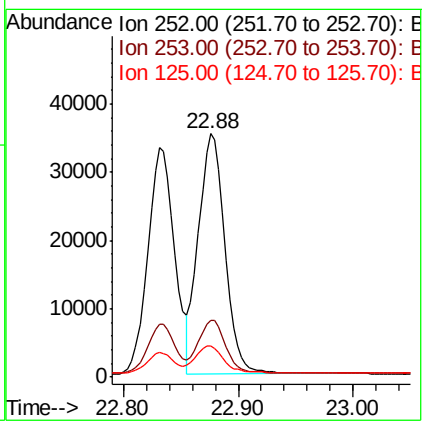


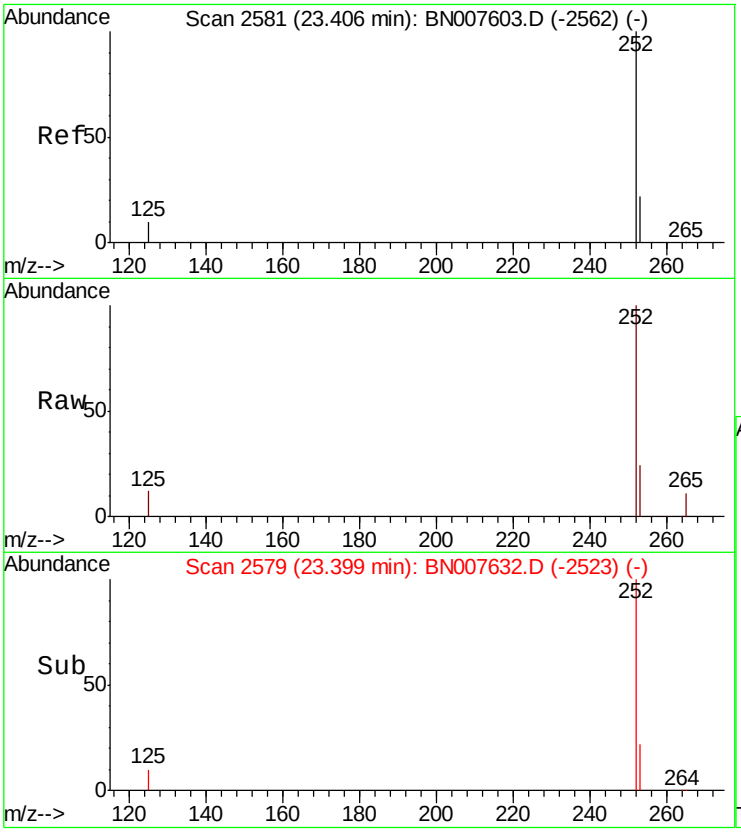




#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:252 Resp: 56599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.3 | 27.5 |
| 125 | 12.8 | 8.9 | 13.3 |



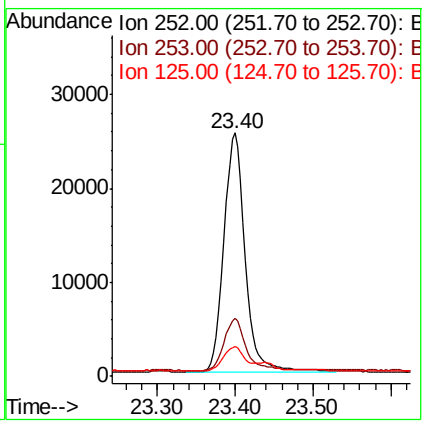


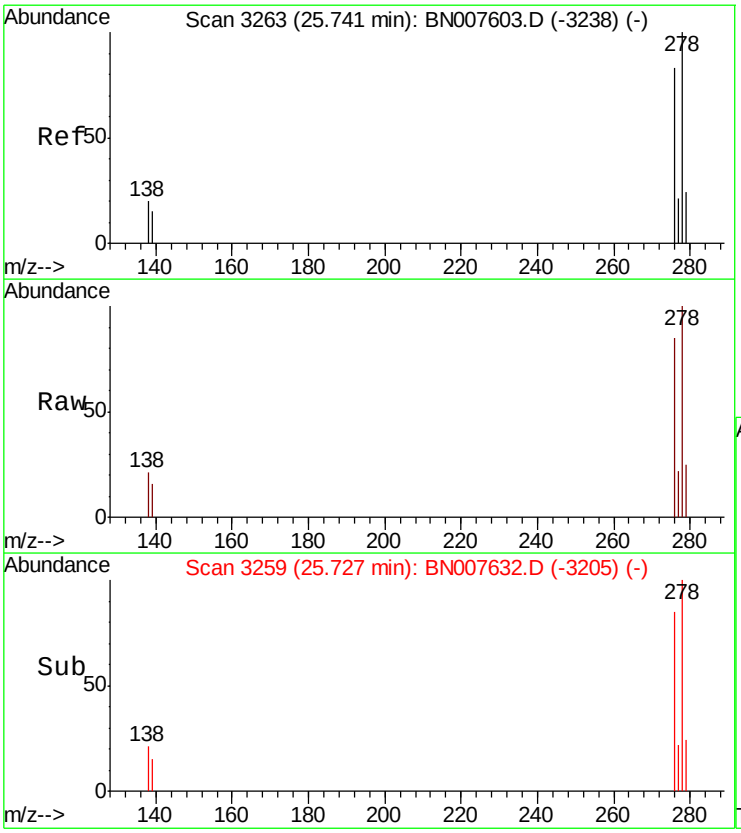

#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:252 Resp: 48760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.3 | 27.5 |
| 125 | 12.3 | 8.9 | 13.3 |

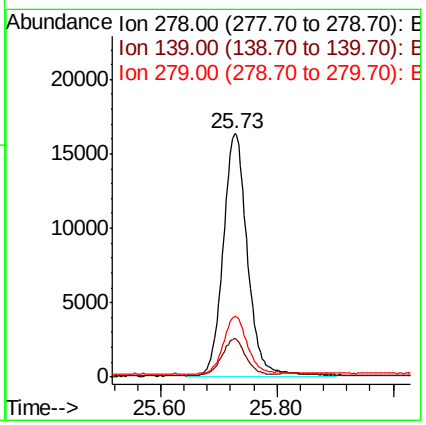


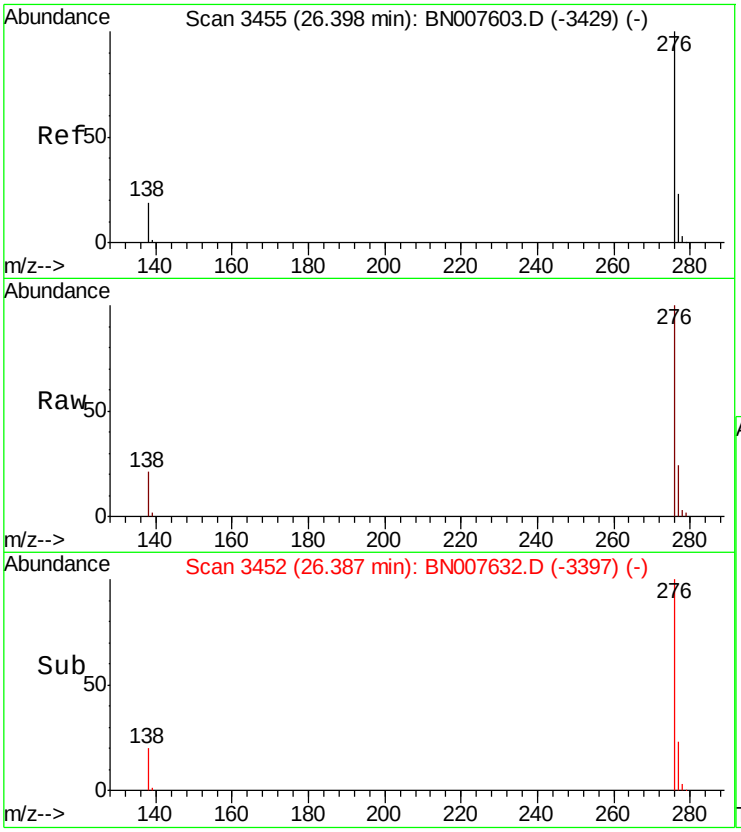




#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.73 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

Tgt Ion:278 Resp: 47146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 12.6 | 18.8 |
| 279 | 25.1 | 19.6 | 29.4 |






#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN007632.D
Acq: 13 Sep 2019 18:13

**Instrument :**
BNA_N
**ClientSampleId :**
RE122D2-20190909MSD

Tgt Ion:276 Resp: 48864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.1 | 28.7 |
| 138 | 20.8 | 15.8 | 23.6 |