Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008027.D
Acq On : 05 Oct 2019 15:52
Operator : JU
Sample : K5078-19MSRE
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PST-024-SW134-092519MS

Quant Time: Oct 07 00:14:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 4686 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.44 | 136 | 18345 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 11615 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 23259 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.25 | 240 | 23995 | 0.40 | ng | | -0.02 |
| 34) Perylene-d12 | 23.46 | 264 | 26342 | 0.40 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.31 | 112 | 4165 | 0.26 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 5265 | 0.26 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.82 | 82 | 4890 | 0.30 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 9343 | 0.30 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.80 | 330 | 1798 | 0.28 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 12.93 | 172 | 11878 | 0.25 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.09 | 212 | 21063 | 0.27 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.69 | 244 | 17819 | 0.30 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 1113 | 0.213 | ng | # | 32 |
| 3) n-Nitrosodimethylamine | 2.97 | 42 | 7388 | 3.088 | ng | # | 79 |
| 6) bis(2-Chloroethyl)ether | 7.11 | 93 | 4252 | 0.320 | ng | | 90 |
| 9) Naphthalene | 10.49 | 128 | 14849 | 0.288 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.79 | 225 | 3086 | 0.285 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.12 | 142 | 10023 | 0.288 | ng | | 99 |
| 16) Acenaphthylene | 14.02 | 152 | 17276 | 0.280 | ng | | 99 |
| 17) Acenaphthene | 14.36 | 154 | 10965 | 0.276 | ng | | 96 |
| 18) Fluorene | 15.36 | 166 | 15147 | 0.298 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.25 | 248 | 3987 | 0.282 | ng | # | 91 |
| 21) Hexachlorobenzene | 16.37 | 284 | 4302 | 0.279 | ng | | 98 |
| 22) Pentachlorophenol | 16.72 | 266 | 1682 | 0.296 | ng | | 94 |
| 23) Phenanthrene | 17.09 | 178 | 81379 | 1.123 | ng | | 100 |
| 24) Anthracene | 17.18 | 178 | 25379 | 0.388 | ng | | 99 |
| 26) Fluoranthene | 19.12 | 202 | 146359 | 1.625 | ng | | 99 |
| 28) Pyrene | 19.48 | 202 | 122162 | 1.493 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 67079 | 0.759 | ng | | 99 |
| 31) Chrysene | 21.28 | 228 | 74333 | 0.863 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 34622 | 0.762 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 60166 | 0.558 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.80 | 252 | 90480 | 0.989 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 22.84 | 252 | 49691 | 0.549 | ng | # | 92 |
| 37) Benzo(a)pyrene | 23.37 | 252 | 66214 | 0.770 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 25.68 | 278 | 30430 | 0.346 | ng | # | 85 |
| 39) Benzo(g,h,i)perylene | 26.34 | 276 | 55851 | 0.642 | ng | | 96 |

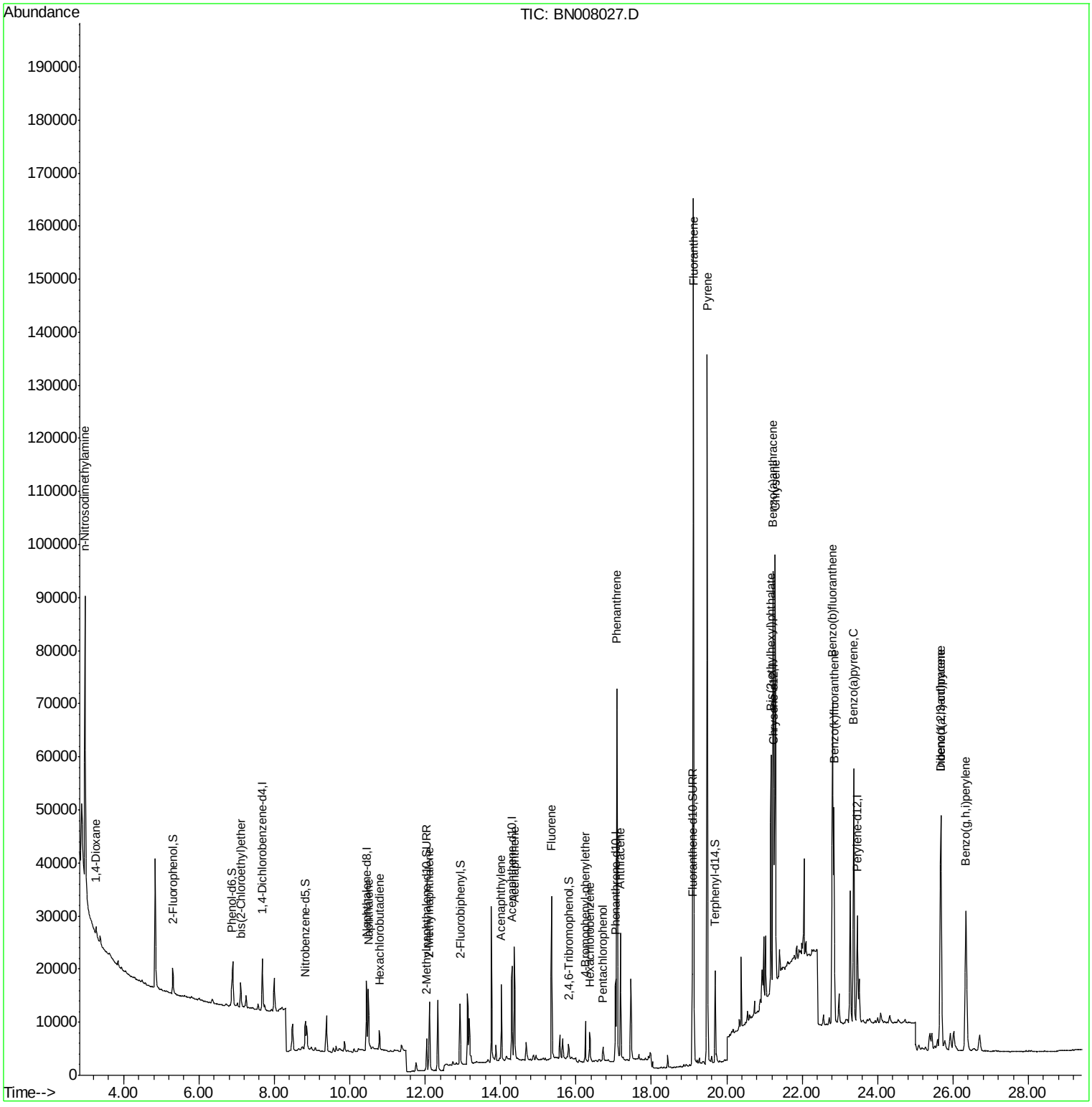
(#) = qualifier out of range (m) = manual integration (+) = signals summed

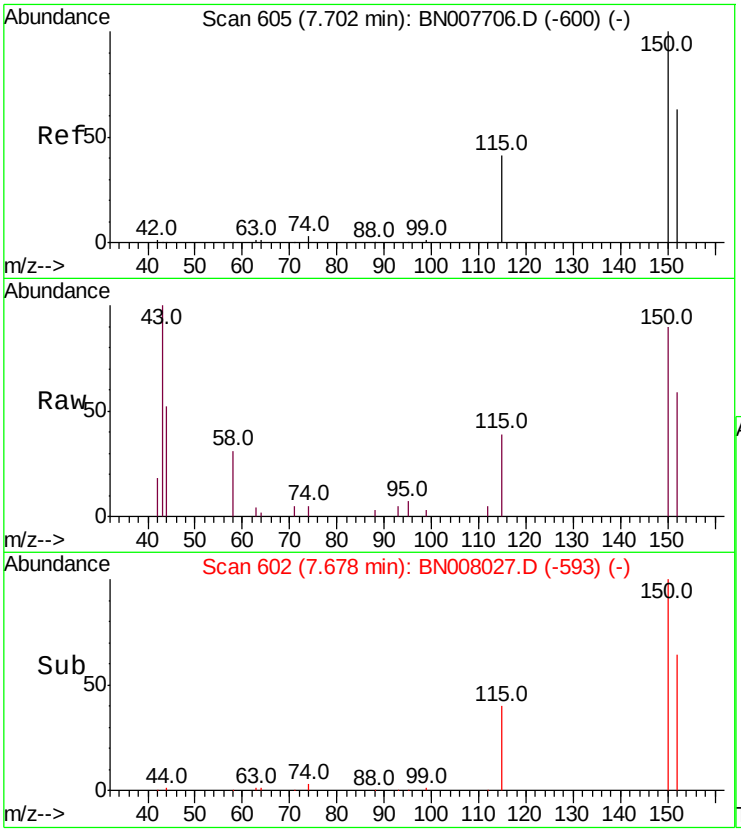
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008027.D
Acq On : 05 Oct 2019 15:52
Operator : JU
Sample : K5078-19MSRE
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Quant Time: Oct 07 00:14:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



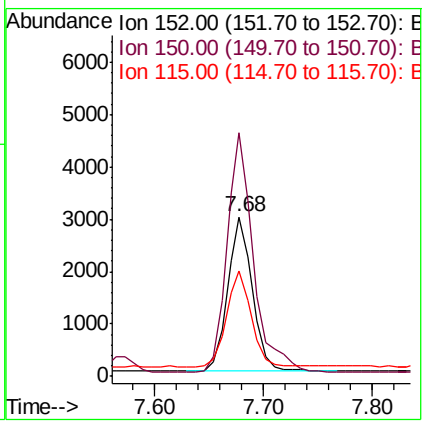


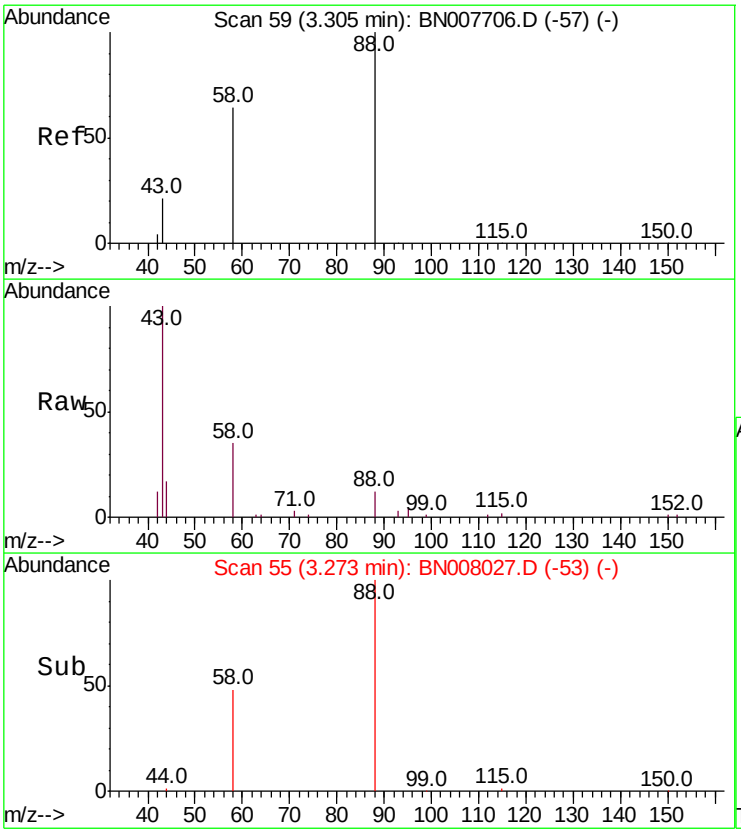

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:152 Resp: 4686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 125.6 | 188.4 |
| 115 | 65.9 | 53.3 | 79.9 |

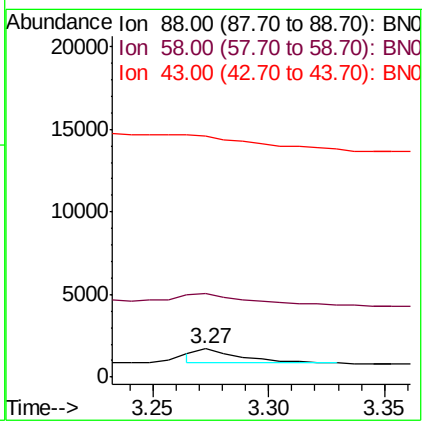


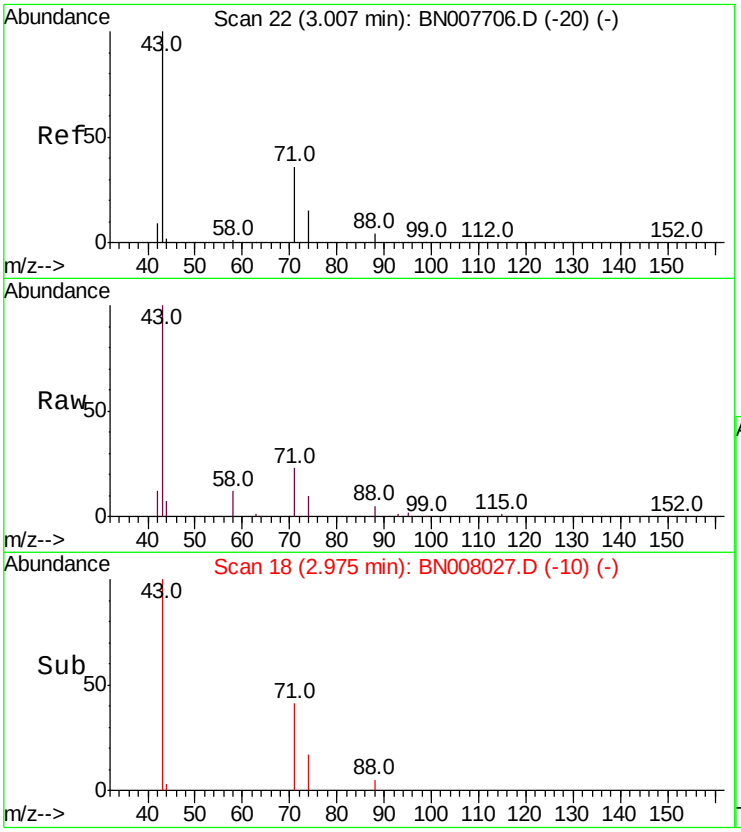




#2
1,4-Dioxane
Concen: 0.213 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 88 Resp: 1113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 44.6 | 66.8# |
| 43 | 0.0 | 14.4 | 21.6# |



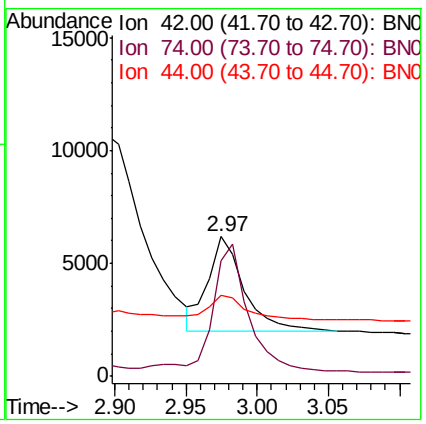


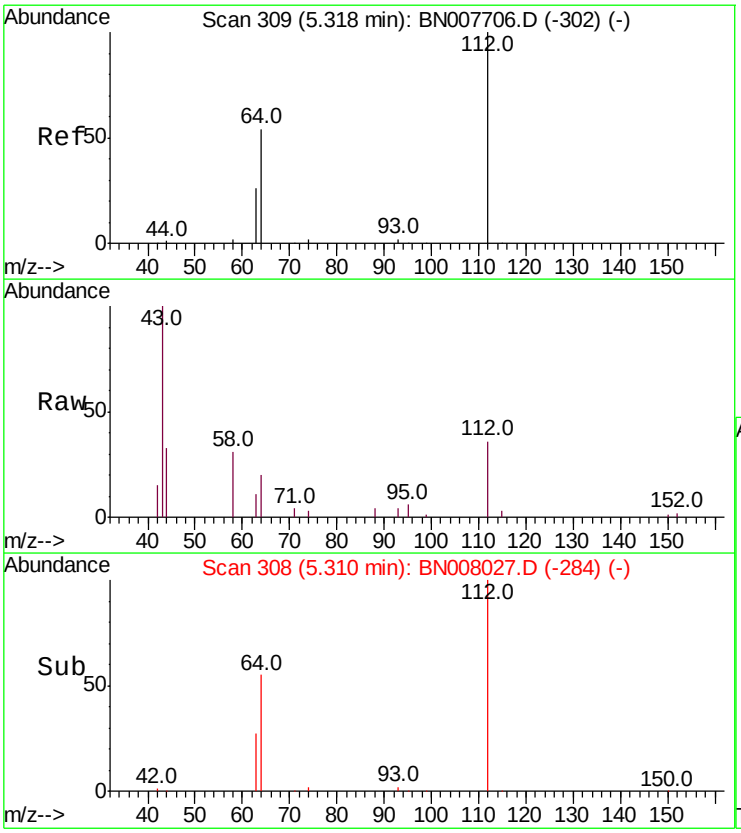

#3
n-Nitrosodimethylamine
Concen: 3.088 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion: 42 Resp: 7388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.3 | 87.9 | 131.9# |
| 44 | 28.2 | 29.4 | 44.0# |

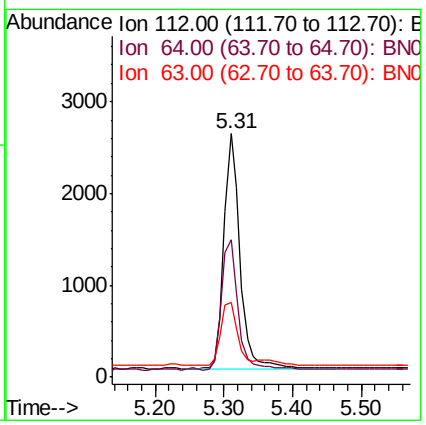


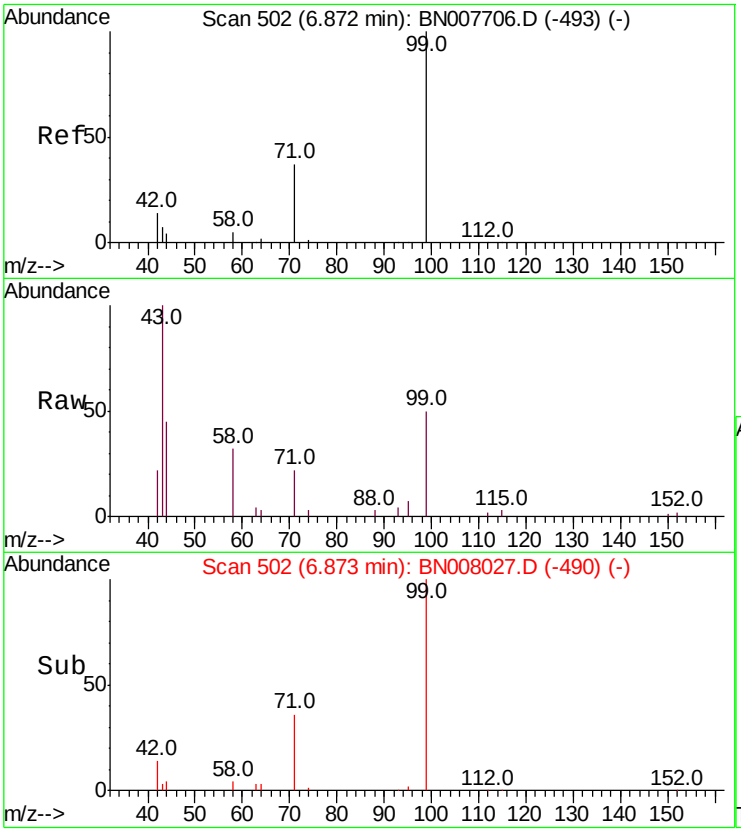




#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:112 Resp: 4165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.3 | 46.6 | 70.0 |
| 63 | 27.8 | 23.1 | 34.7 |



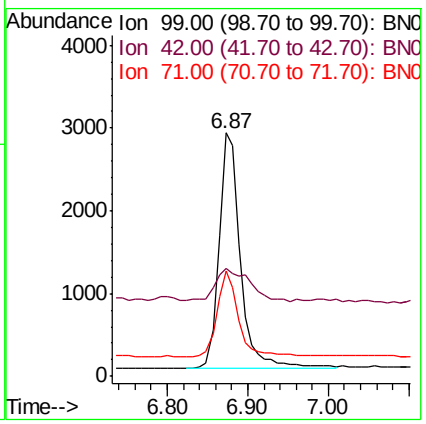


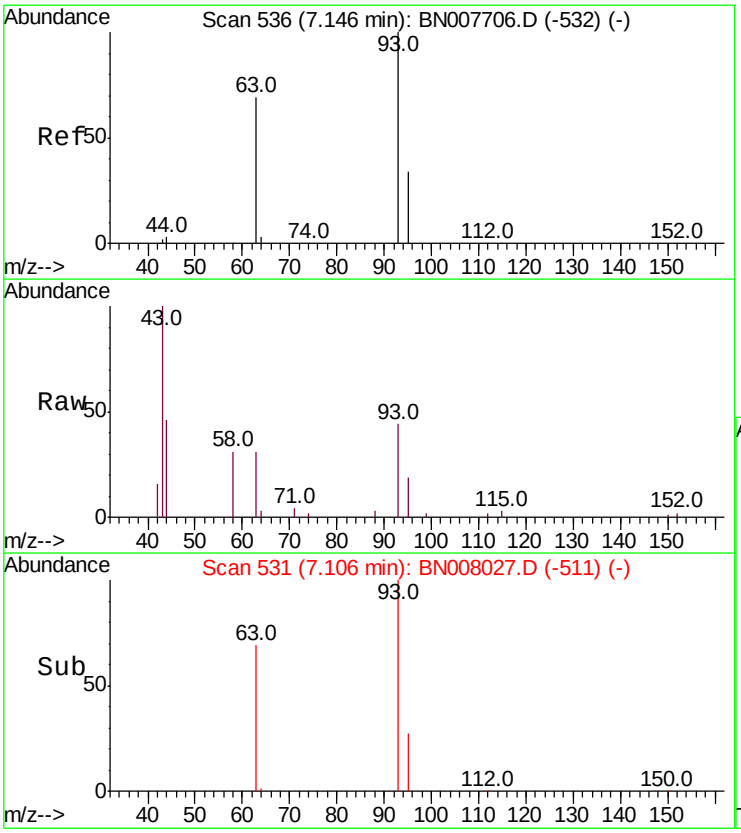

#5
Phenol-d6
Concen: 0.260 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion: 99 Resp: 5265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 12.8 | 19.2# |
| 71 | 36.0 | 27.6 | 41.4 |

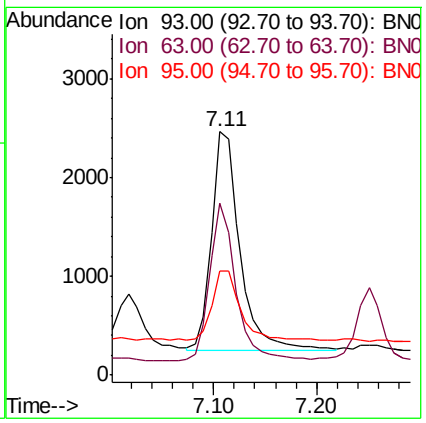


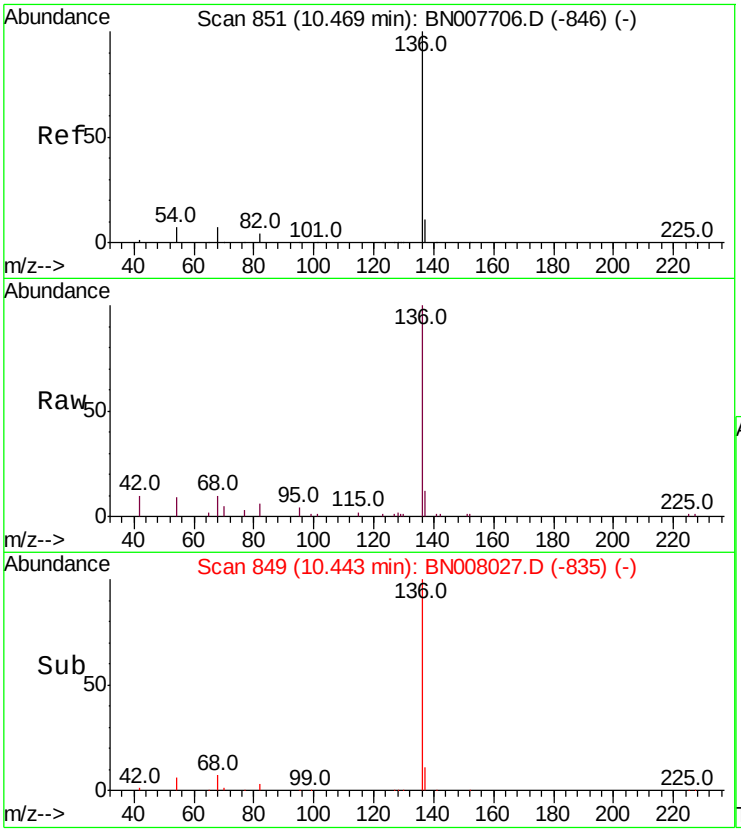




#6
bis(2-Chloroethyl)ether
Concen: 0.320 ng
RT: 7.11 min Scan# 531
Delta R.T. -0.04 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 93 Resp: 4252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 66.3 | 59.3 | 88.9 |
| 95 | 32.2 | 31.4 | 47.0 |



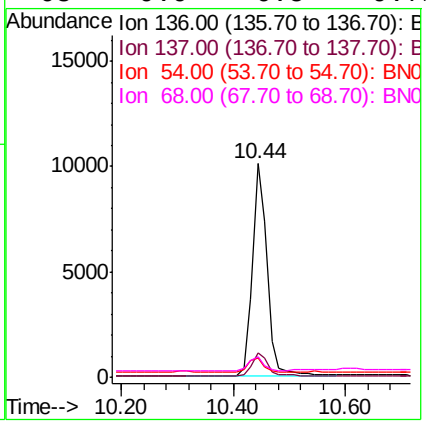


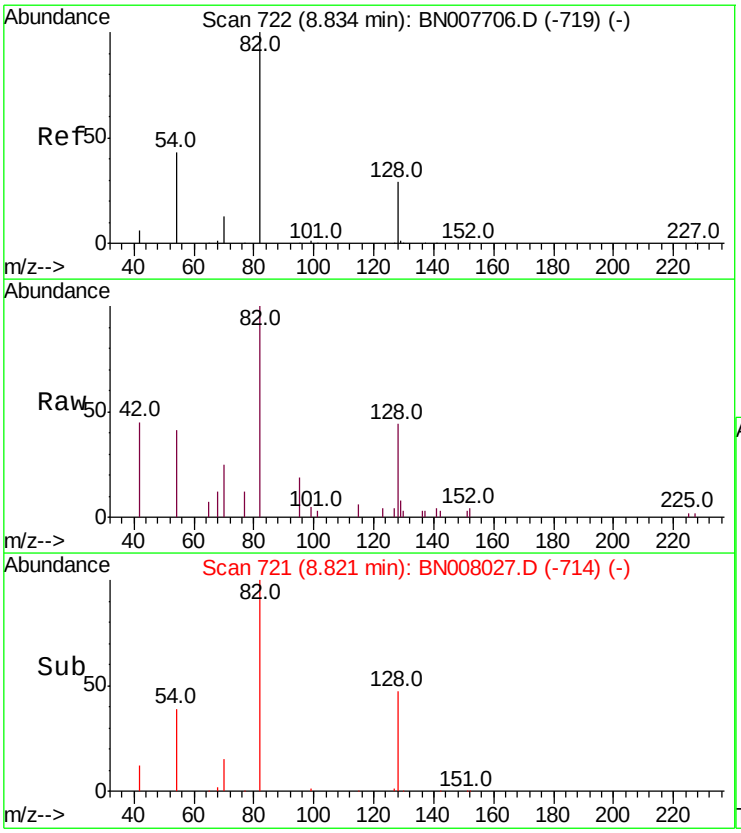

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:136 Resp: 18345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.2 | 13.8 |
| 54 | 8.8 | 5.8 | 8.8# |
| 68 | 9.9 | 6.5 | 9.7# |

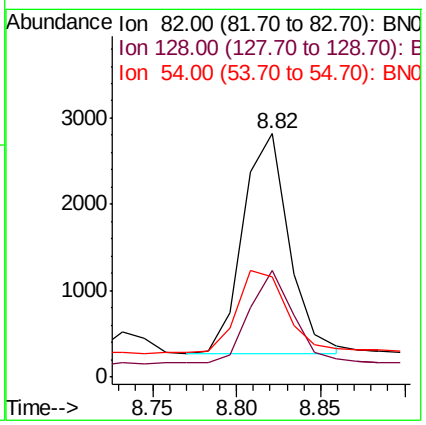


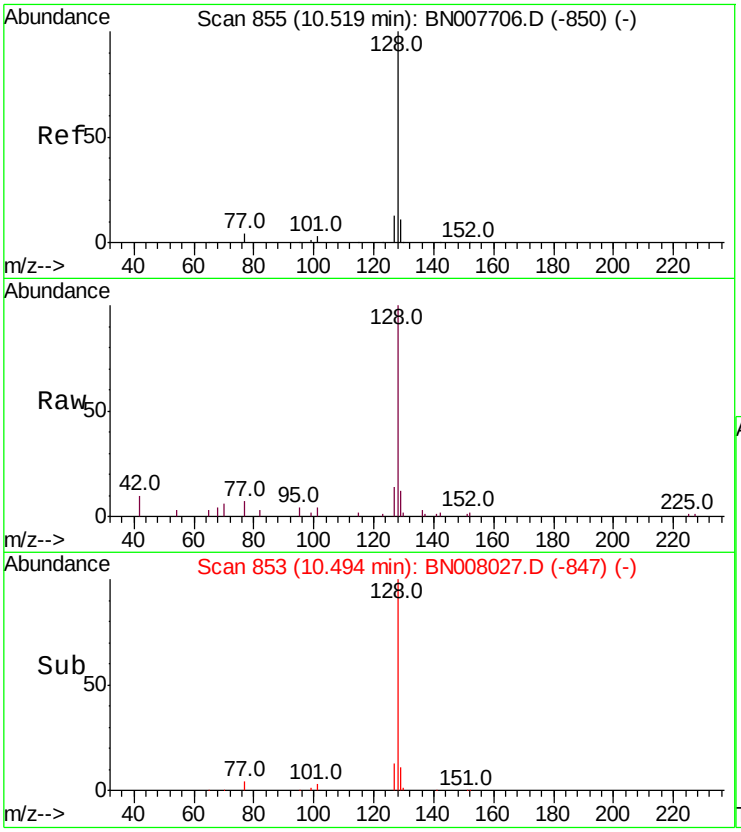




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 82 Resp: 4890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 24.5 | 36.7# |
| 54 | 41.3 | 35.2 | 52.8 |



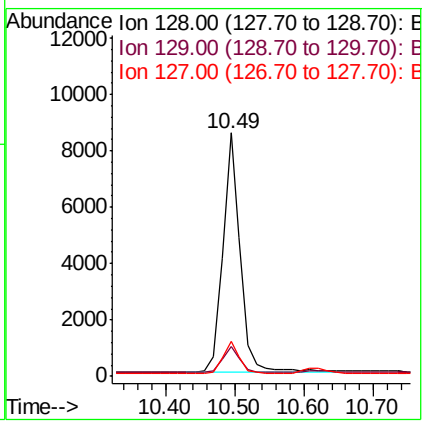


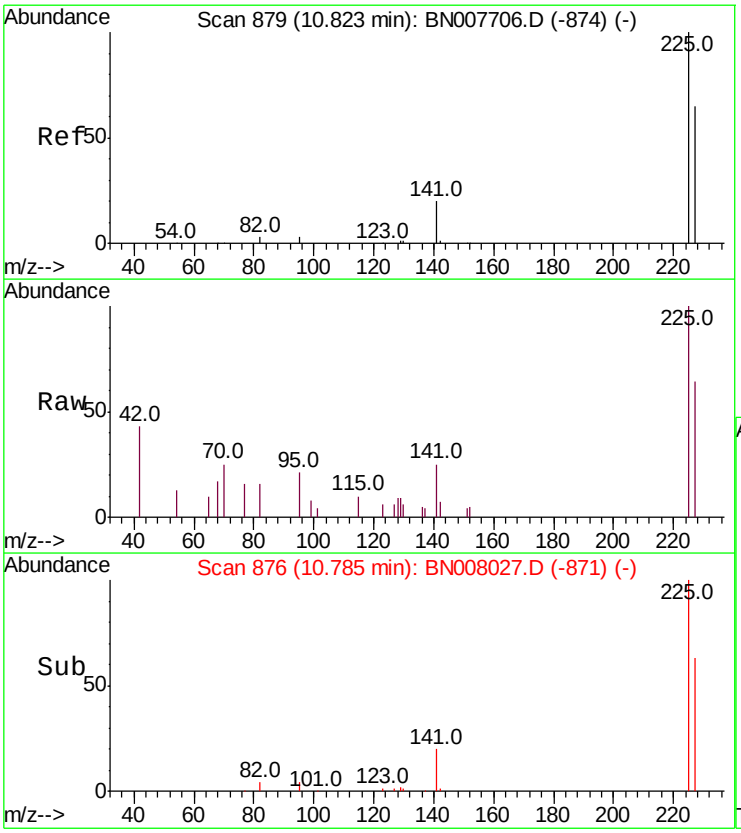

#9
Naphthalene
Concen: 0.288 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:128 Resp: 14849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.5 | 9.1 | 13.7 |
| 127 | 14.2 | 10.6 | 15.8 |

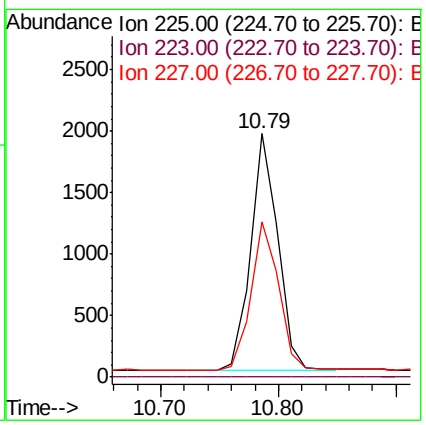


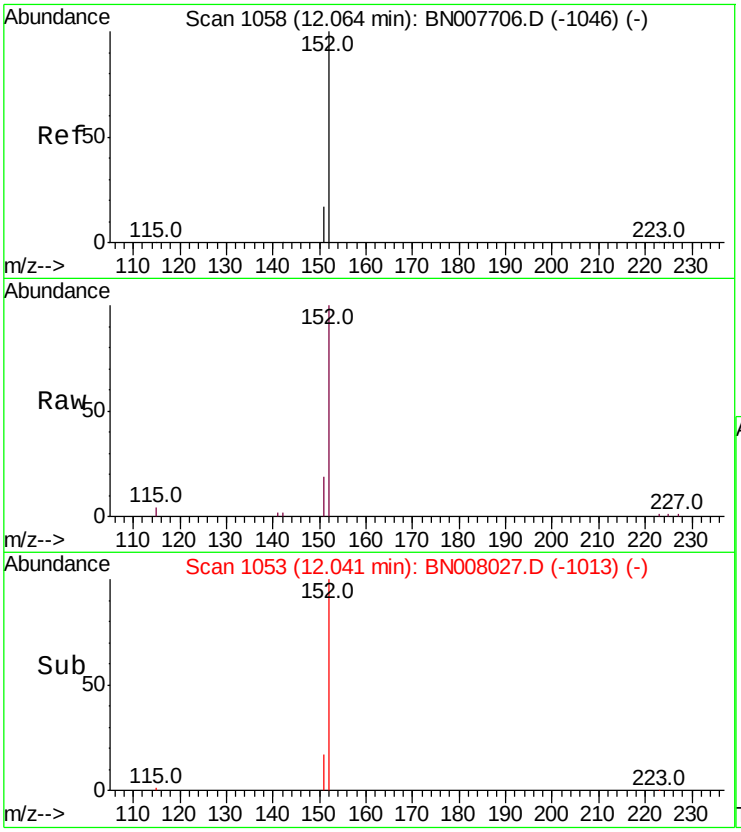




#10
Hexachlorobutadiene
Concen: 0.285 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:225 Resp: 3086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.7 | 51.2 | 76.8 |



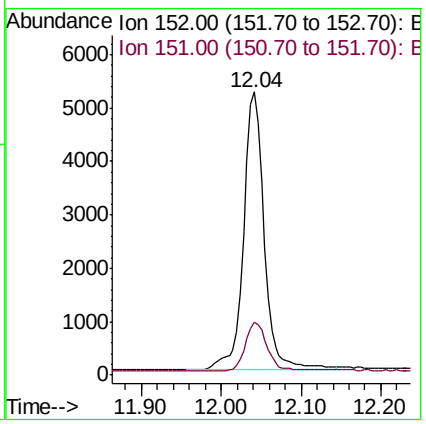


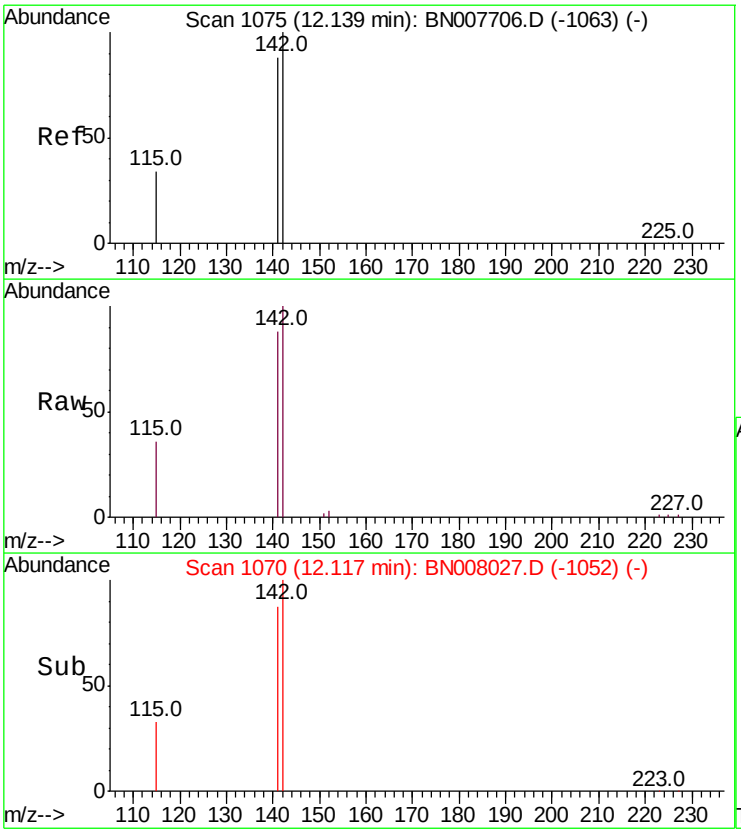

#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:152 Resp: 9343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.1 | 15.4 | 23.2 |

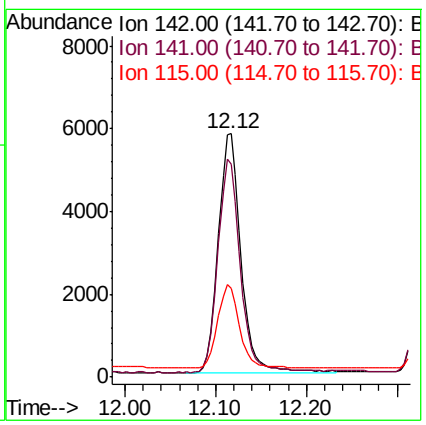


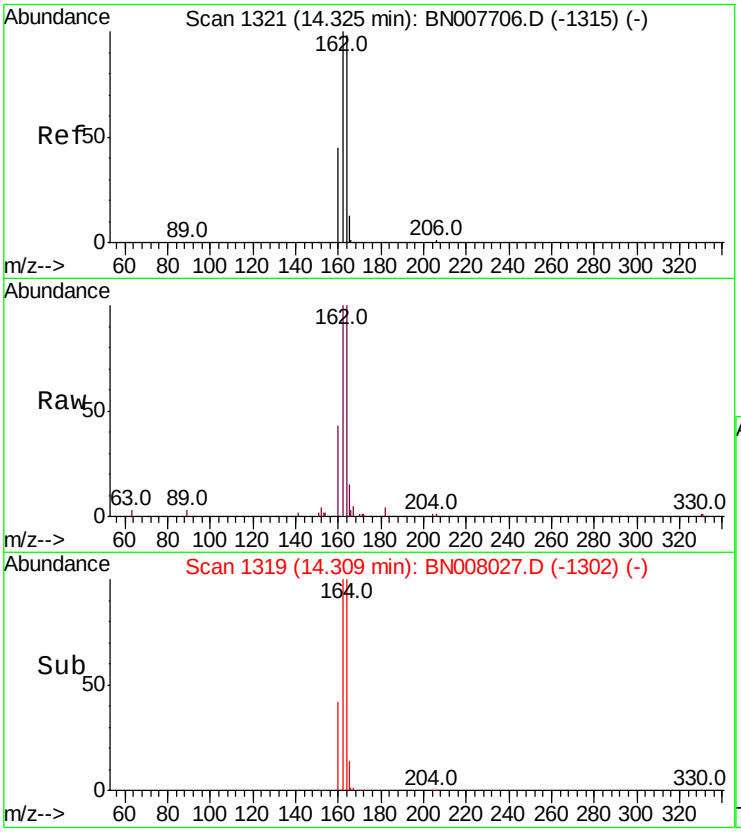




#12
2-Methylnaphthalene
Concen: 0.288 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:142 Resp: 10023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 70.6 | 106.0 |
| 115 | 36.3 | 28.3 | 42.5 |



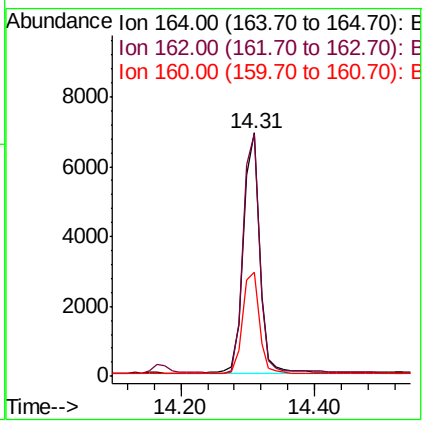


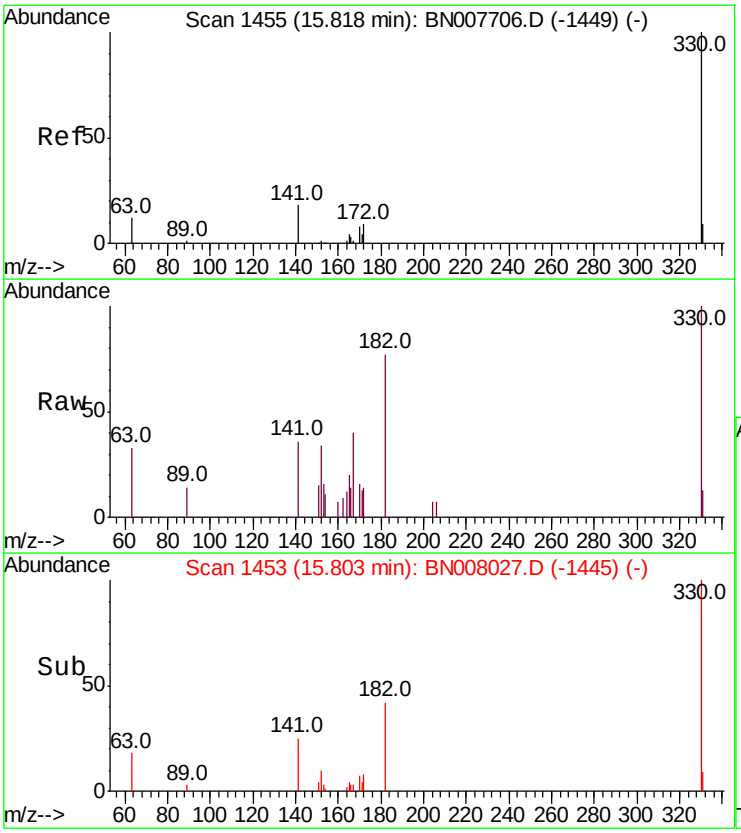

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:164 Resp: 11615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.7 | 122.5 |
| 160 | 42.9 | 37.0 | 55.4 |

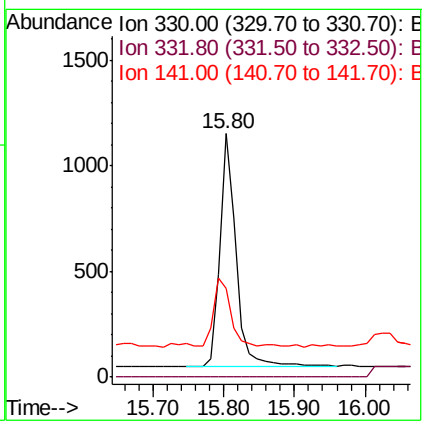


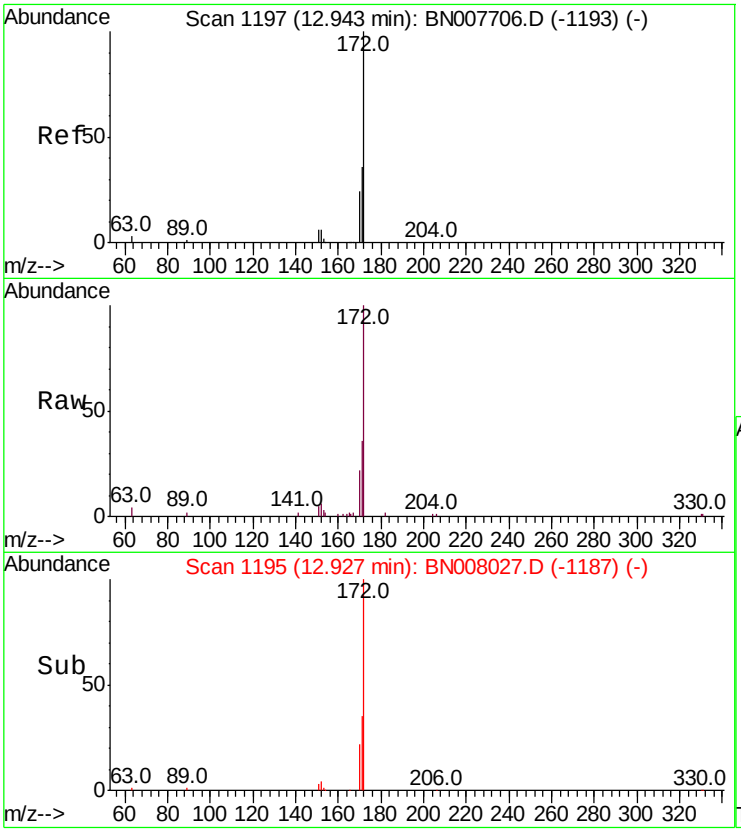




#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:330 Resp: 1798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 30.3 | 28.7 | 43.1 |



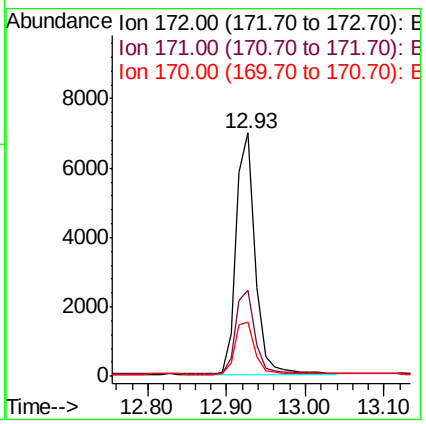


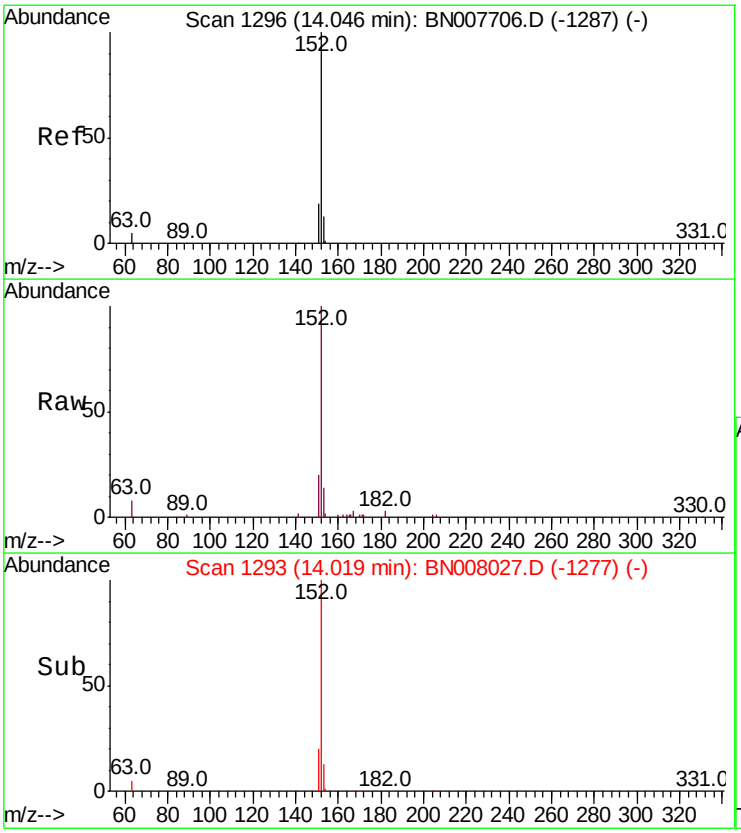

#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:172 Resp: 11878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.8 | 43.2 |
| 170 | 22.4 | 19.5 | 29.3 |

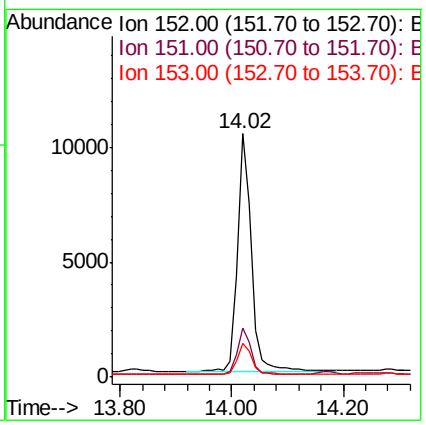


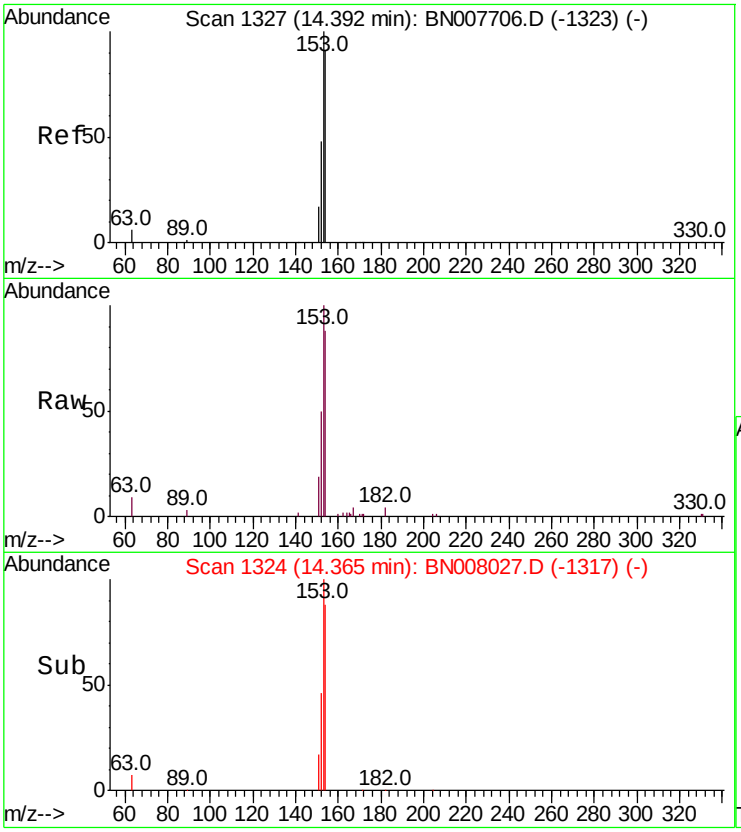




#16
Acenaphthylene
Concen: 0.280 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:152 Resp: 17276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.5 | 23.3 |
| 153 | 12.9 | 10.4 | 15.6 |



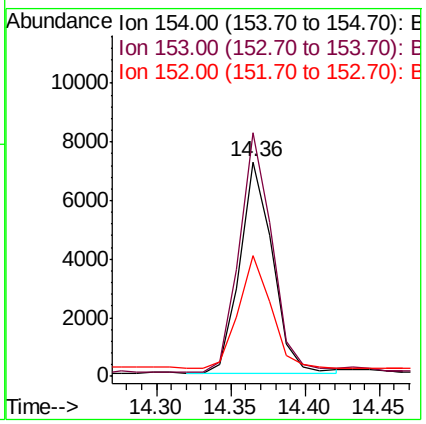


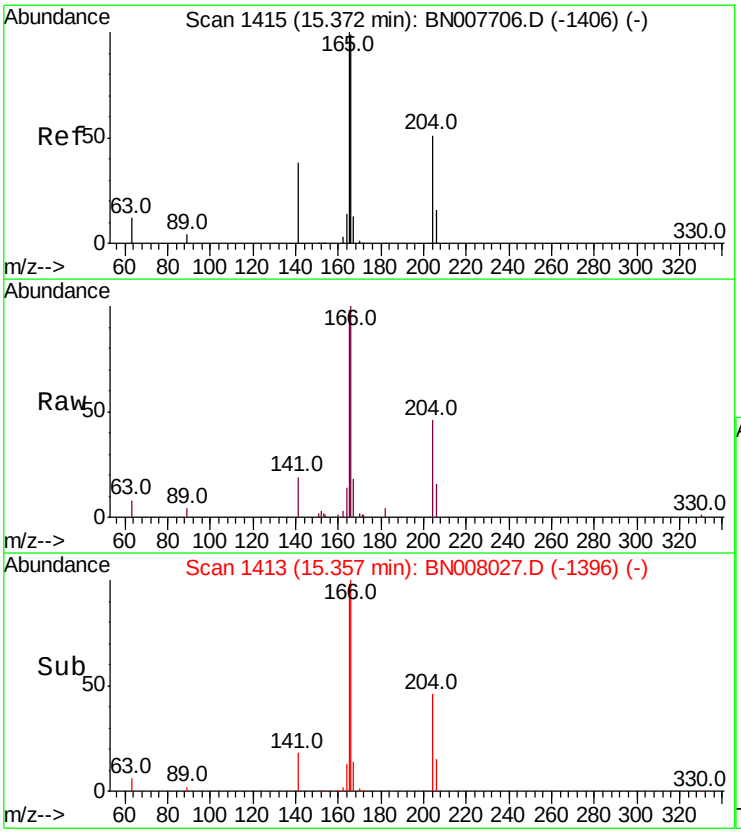

#17
Acenaphthene
Concen: 0.276 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:154 Resp: 10965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.3 | 87.0 | 130.4 |
| 152 | 54.8 | 42.7 | 64.1 |

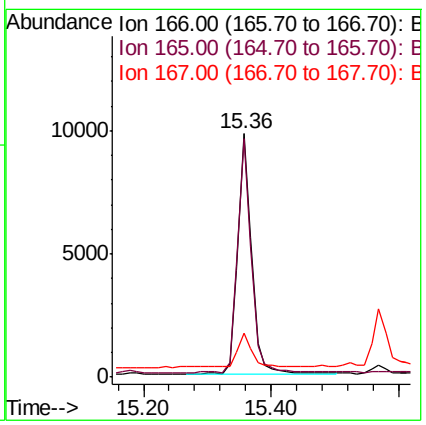


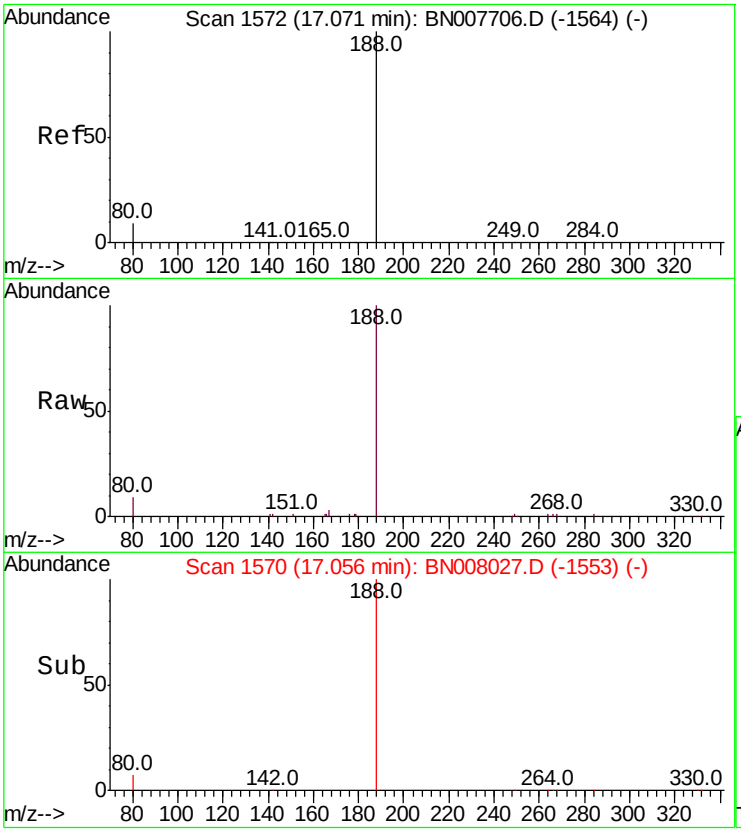




#18
Fluorene
Concen: 0.298 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:166 Resp: 15147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.5 | 78.0 | 117.0 |
| 167 | 13.6 | 10.9 | 16.3 |



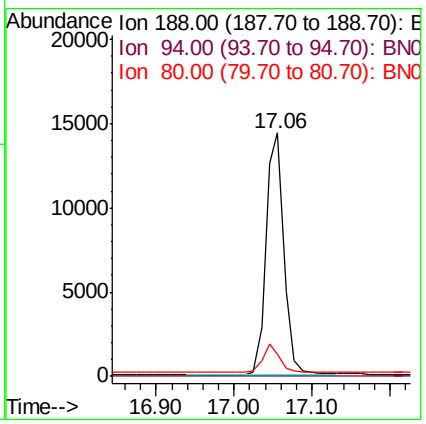


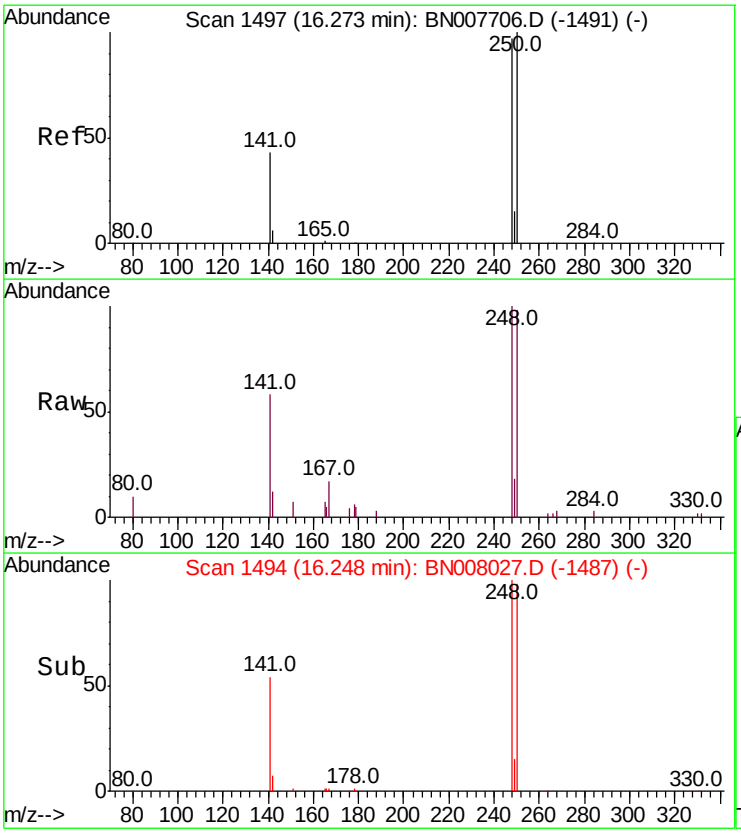

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:188 Resp: 23259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.2 | 7.4 | 11.2 |

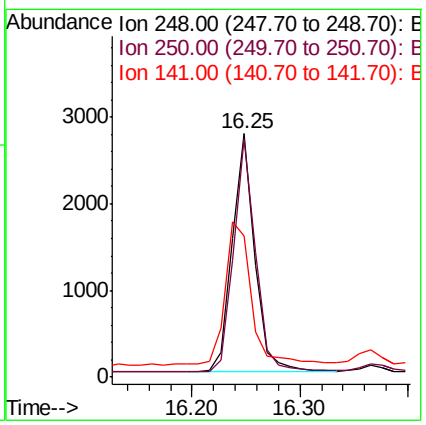


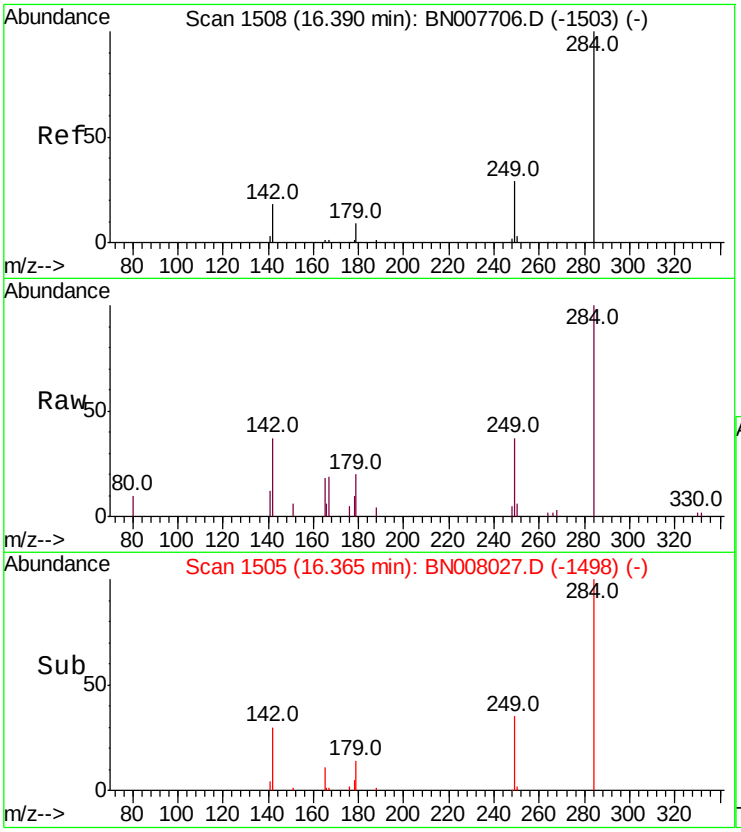




#20
4-Bromophenyl-phenylether
Concen: 0.282 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:248 Resp: 3987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.2 | 82.2 | 123.4 |
| 141 | 58.1 | 36.3 | 54.5# |



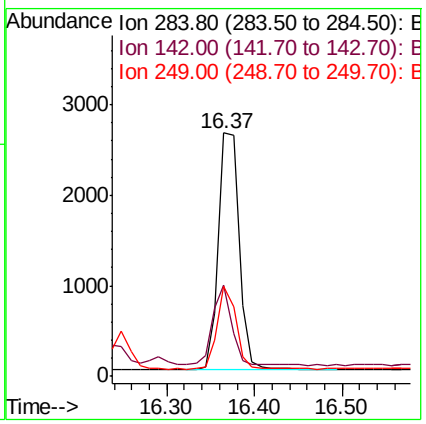


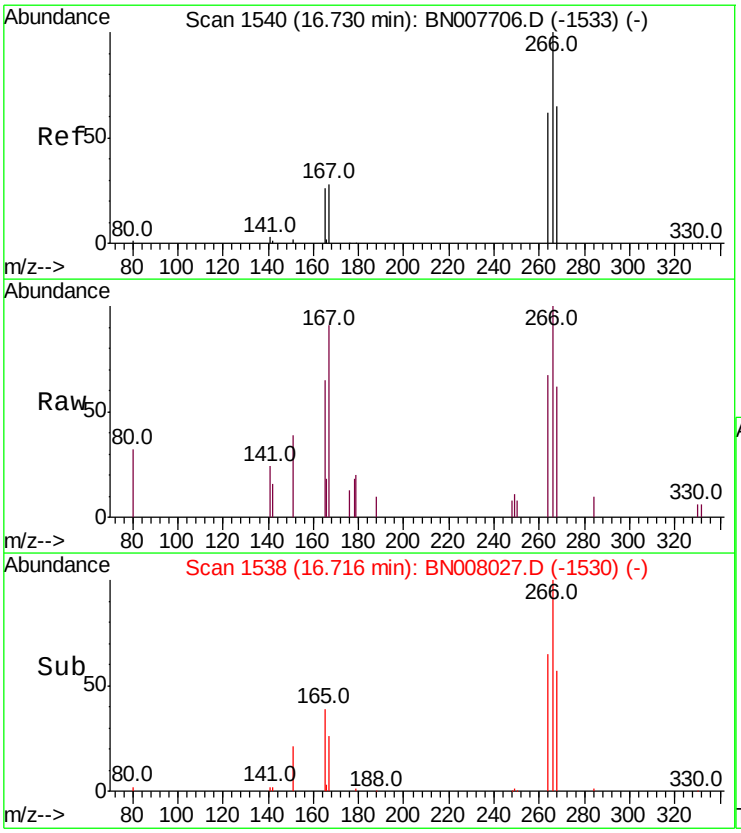

#21
Hexachlorobenzene
Concen: 0.279 ng
RT: 16.37 min Scan# 1505
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:284 Resp: 4302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.5 | 25.8 | 38.6 |
| 249 | 31.5 | 25.9 | 38.9 |

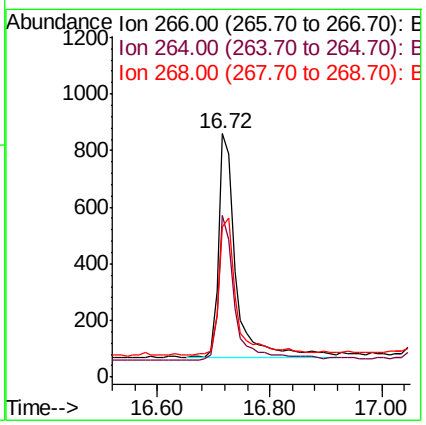


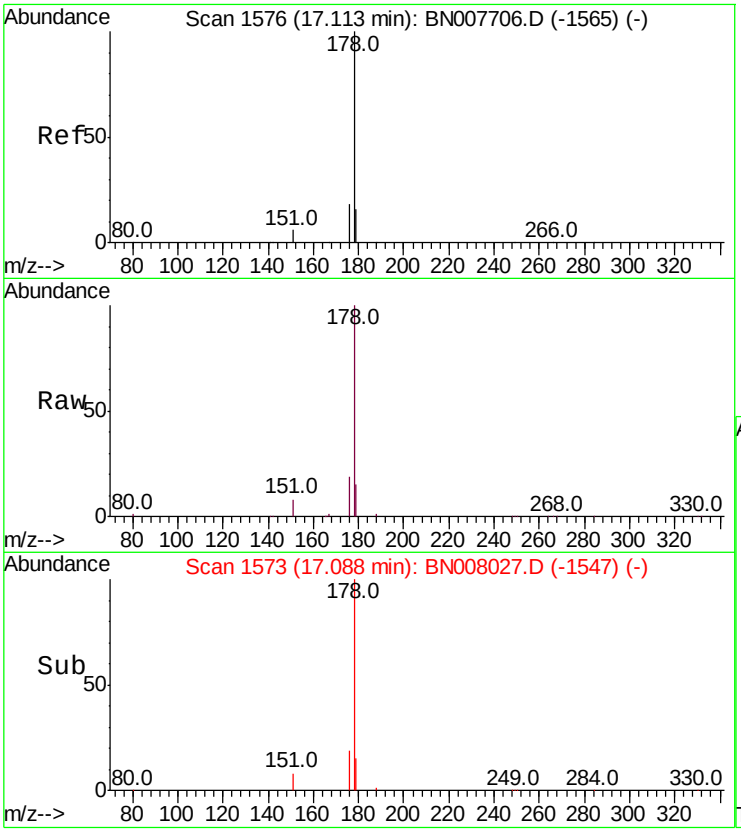




#22
Pentachlorophenol
Concen: 0.296 ng
RT: 16.72 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:266 Resp: 1682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 66.5 | 50.0 | 75.0 |
| 268 | 61.7 | 54.2 | 81.4 |



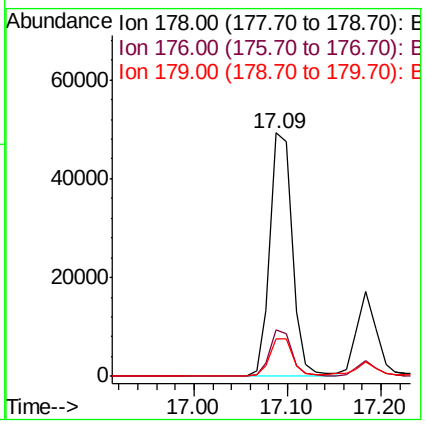


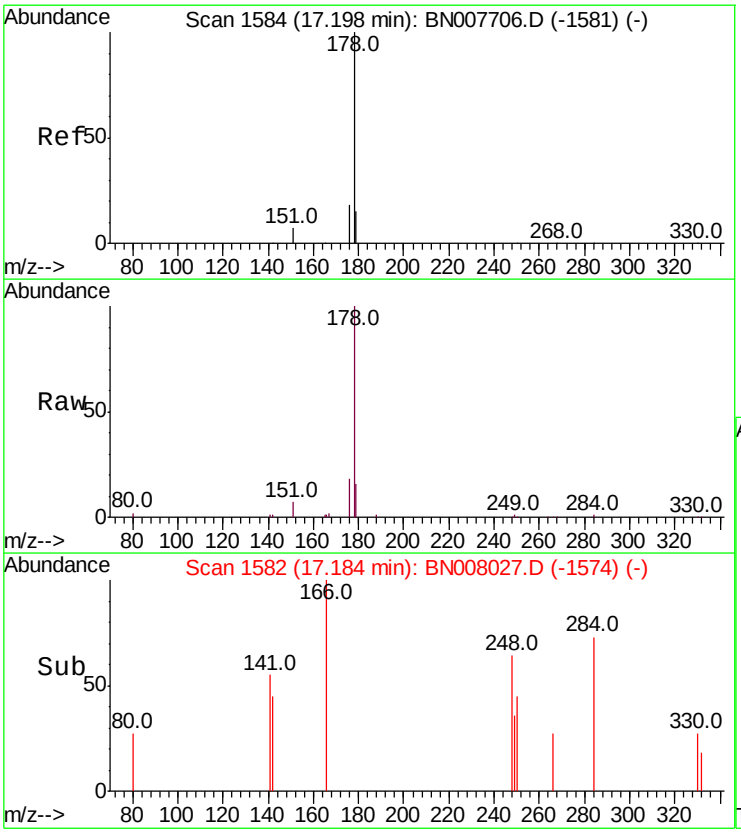

#23
Phenanthrene
Concen: 1.123 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:178 Resp: 81379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.9 | 22.3 |
| 179 | 15.2 | 12.5 | 18.7 |

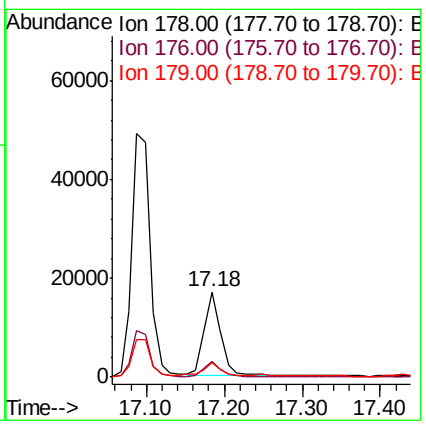


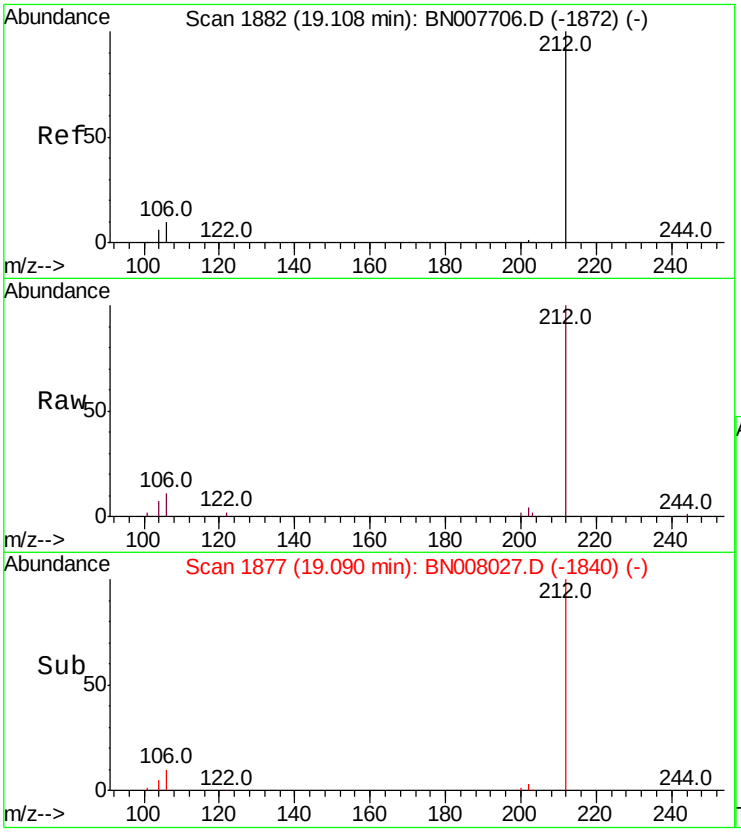




#24
Anthracene
Concen: 0.388 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:178 Resp: 25379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 14.6 | 21.8 |
| 179 | 15.0 | 12.2 | 18.4 |



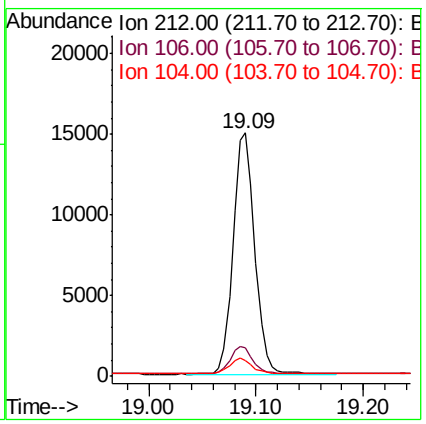


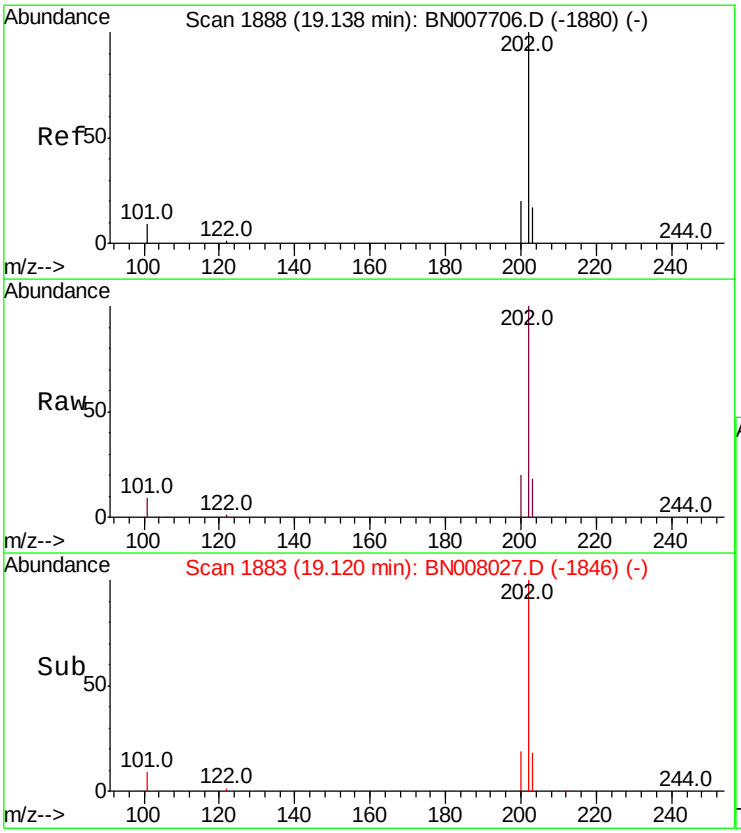

#25
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.09 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:212 Resp: 21063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 11.3 | 9.4 | 14.0 |
| 104 | 6.4 | 5.3 | 7.9 |

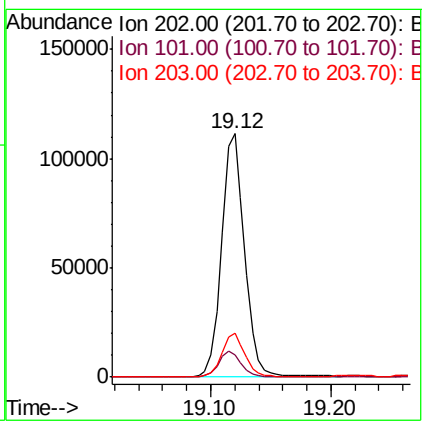


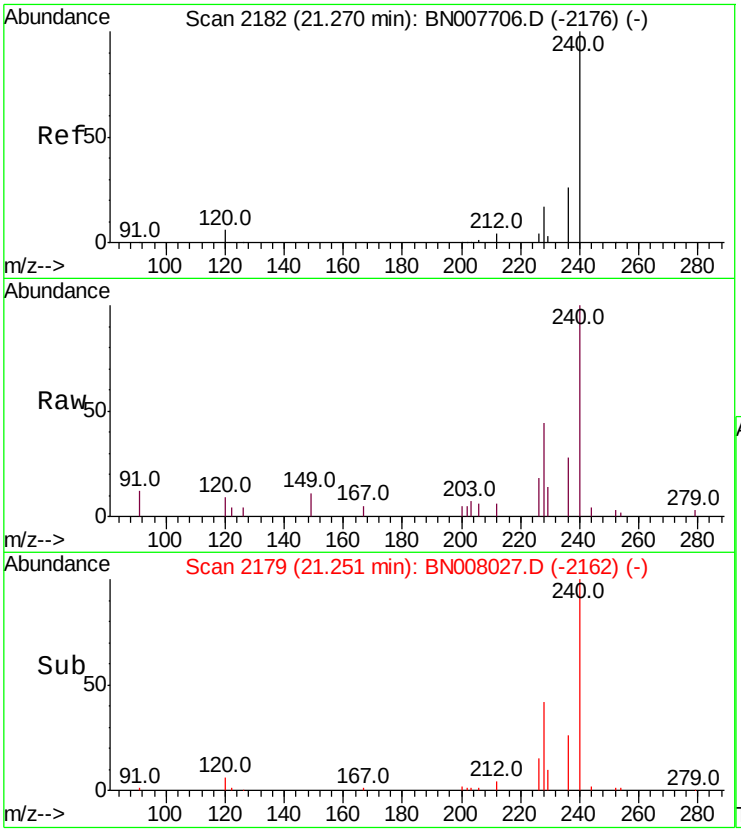




#26
Fluoranthene
Concen: 1.625 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:202 Resp: 146359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 8.4 | 12.6 |
| 203 | 17.4 | 13.8 | 20.8 |



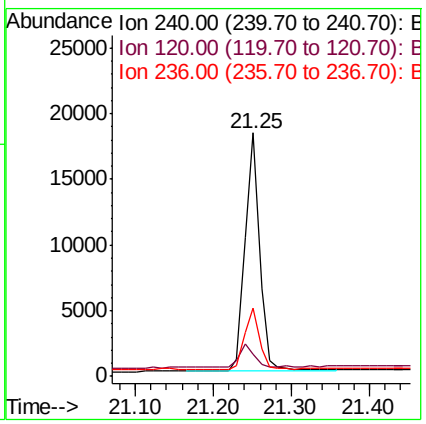


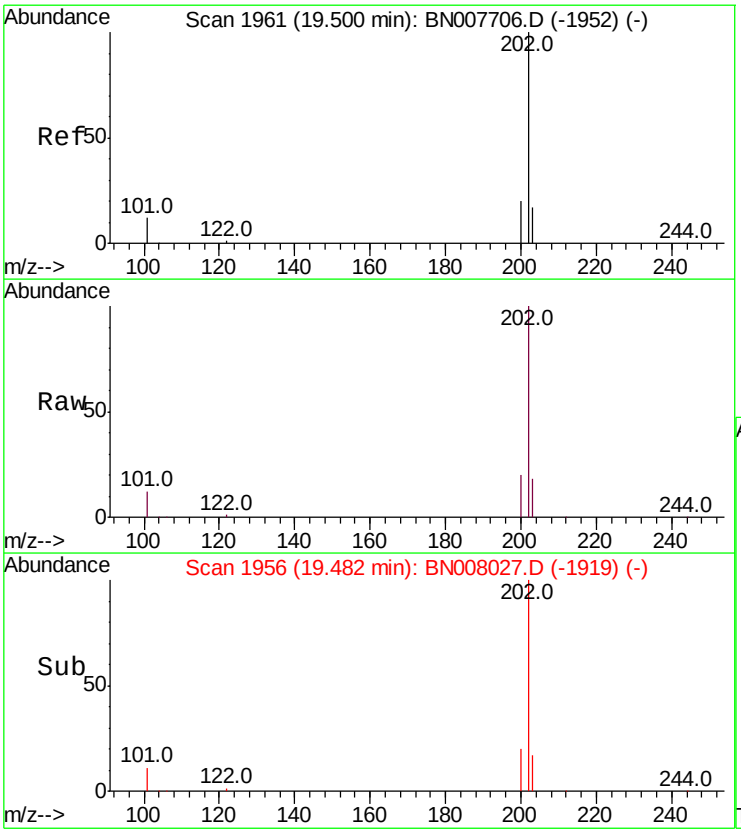

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:240 Resp: 23995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 5.4 | 8.2# |
| 236 | 28.2 | 21.0 | 31.4 |

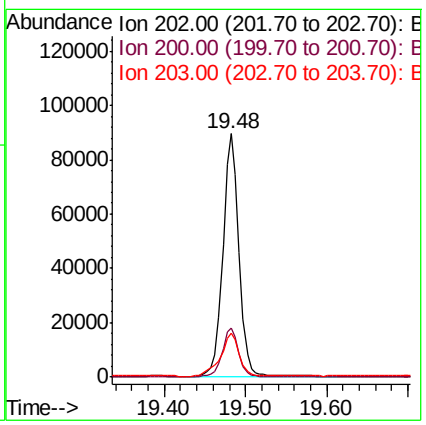


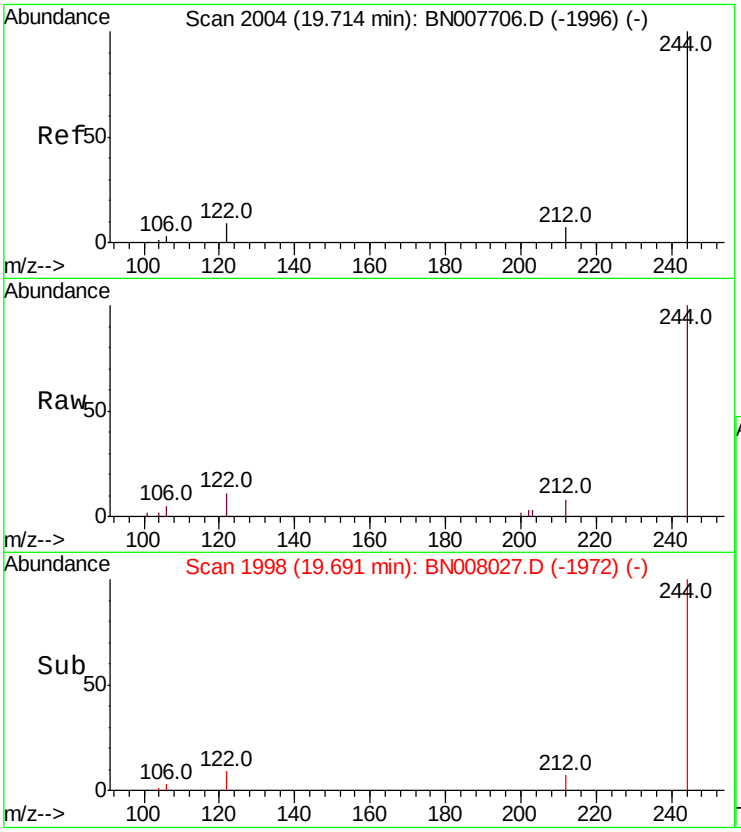




#28
Pyrene
Concen: 1.493 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:202 Resp: 122162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 16.4 | 24.6 |
| 203 | 20.5 | 14.1 | 21.1 |



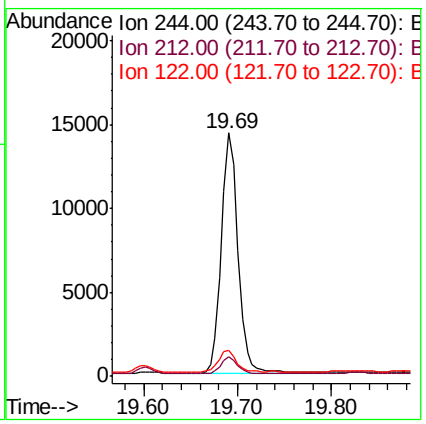


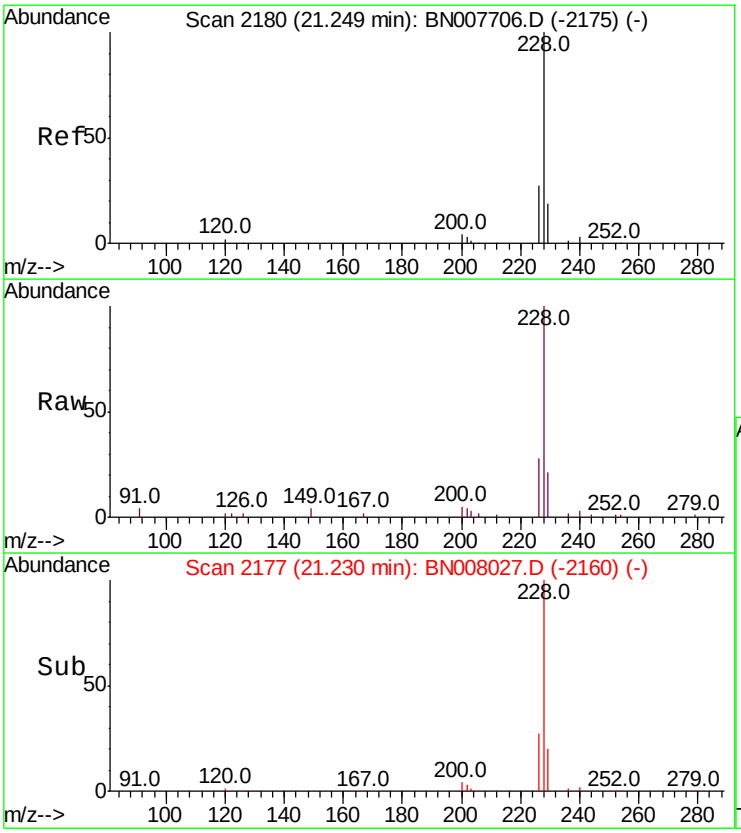

#29
Terphenyl-d14
Concen: 0.302 ng
RT: 19.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:244 Resp: 17819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.9 | 8.9 |
| 122 | 10.8 | 7.4 | 11.2 |

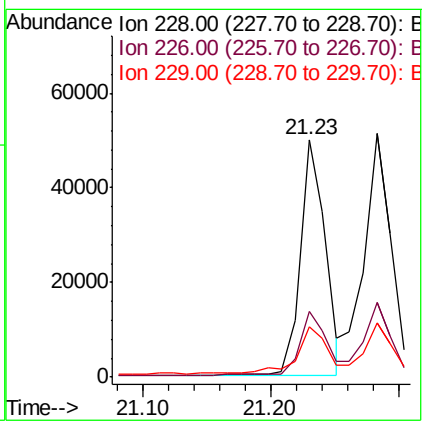


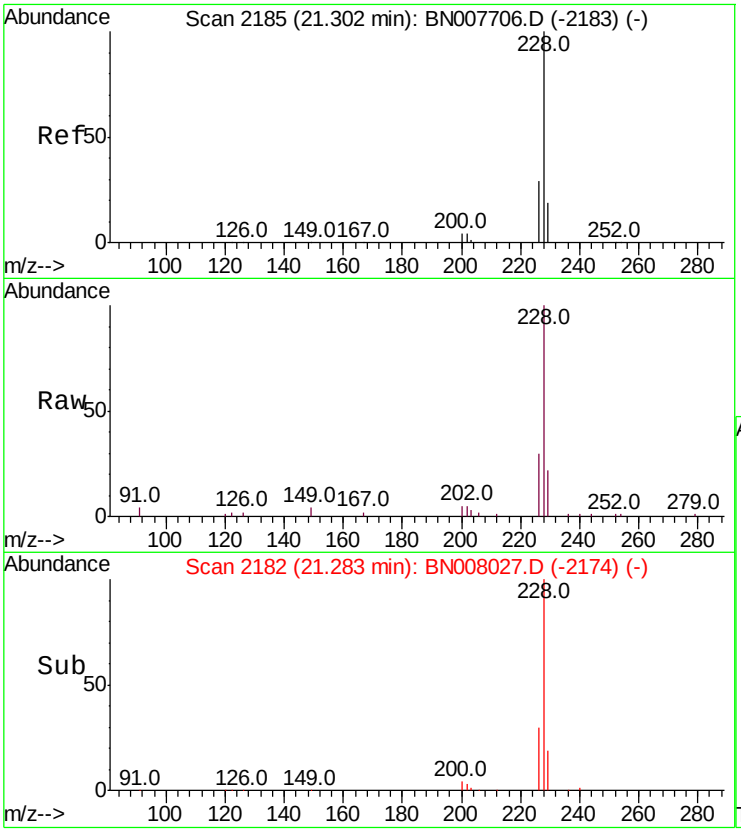




#30
Benzo(a)anthracene
Concen: 0.759 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:228 Resp: 67079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.1 | 33.1 |
| 229 | 21.0 | 15.8 | 23.6 |



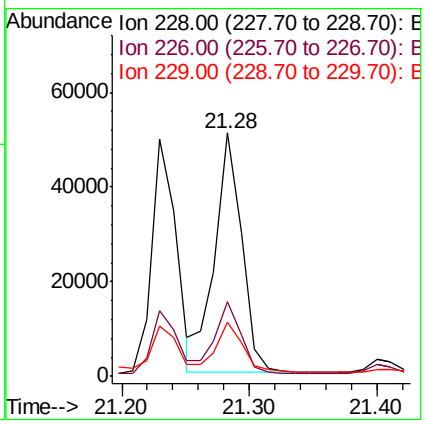


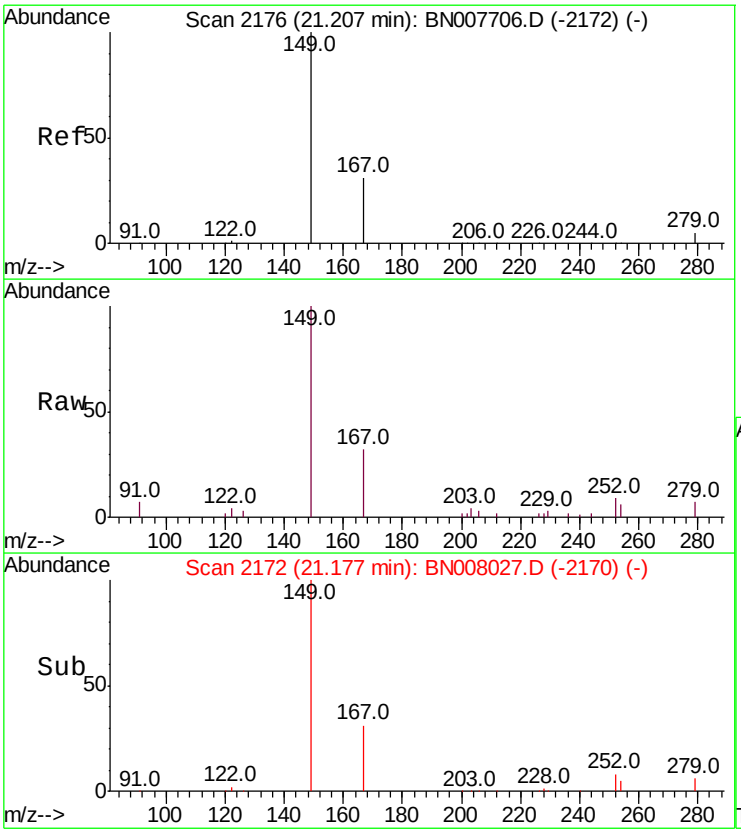

#31
Chrysene
Concen: 0.863 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:228 Resp: 74333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 23.9 | 35.9 |
| 229 | 22.0 | 15.8 | 23.6 |

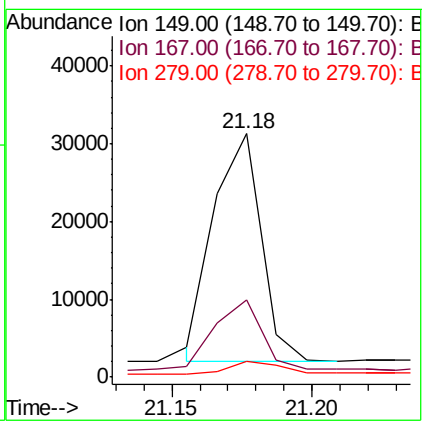


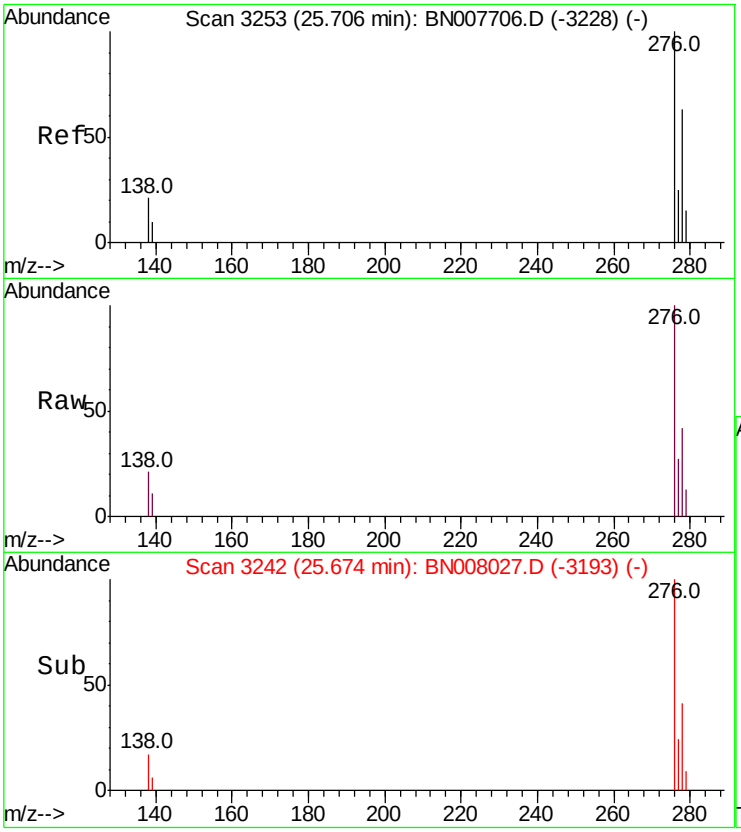




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.762 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:149 Resp: 34622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.8 | 23.7 | 35.5 |
| 279 | 5.6 | 4.2 | 6.2 |



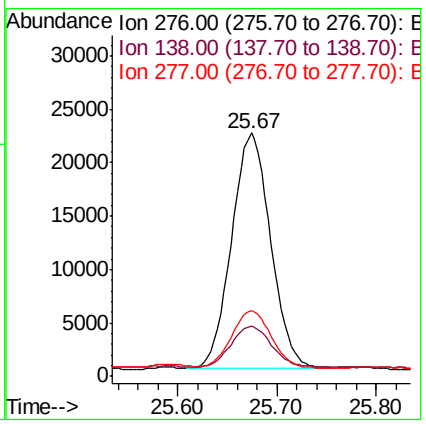


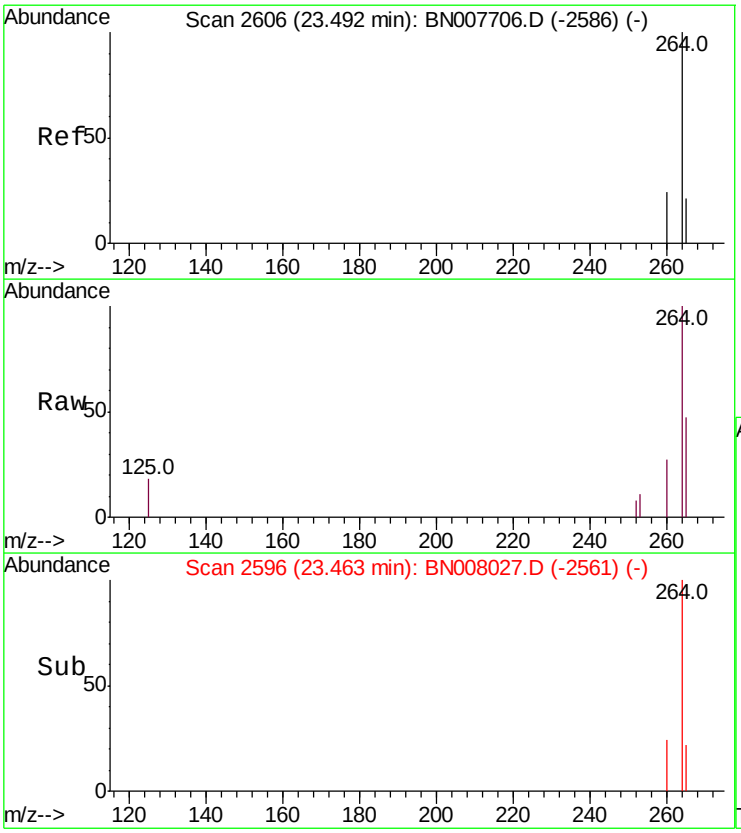

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 25.67 min Scan# 3242
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:276 Resp: 60166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.0 | 17.1 | 25.7 |
| 277 | 24.9 | 20.0 | 30.0 |

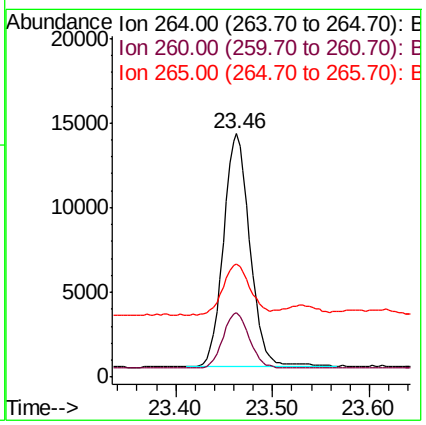


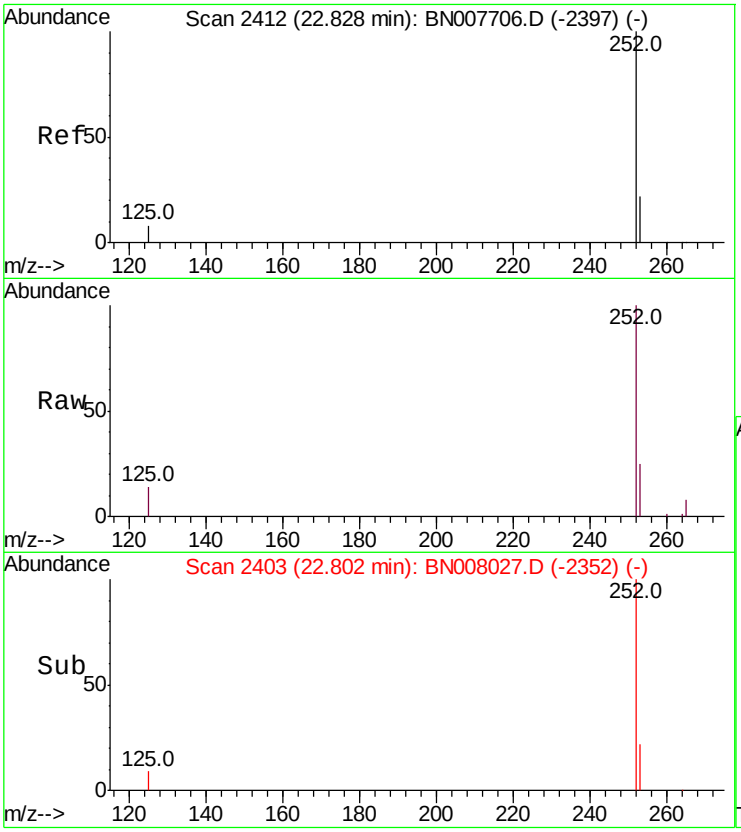




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:264 Resp: 26342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.6 | 19.3 | 28.9 |
| 265 | 46.7 | 26.9 | 40.3# |



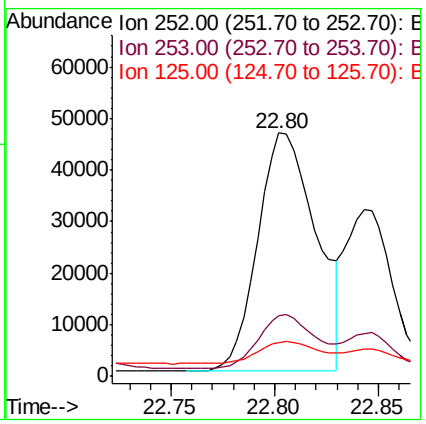


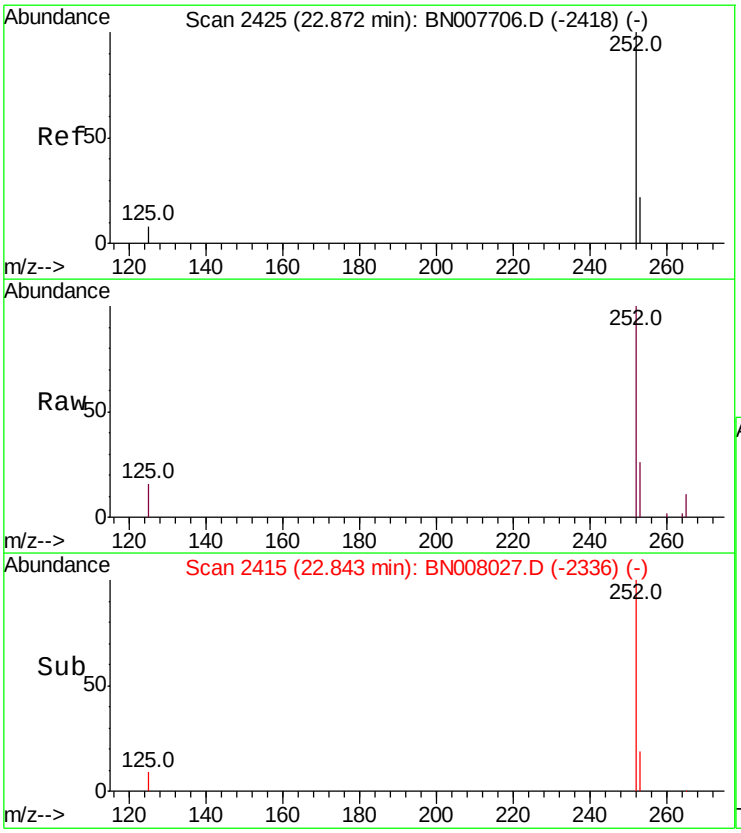

#35
Benzo(b)fluoranthene
Concen: 0.989 ng
RT: 22.80 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:252 Resp: 90480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 18.3 | 27.5 |
| 125 | 14.1 | 8.2 | 12.4# |

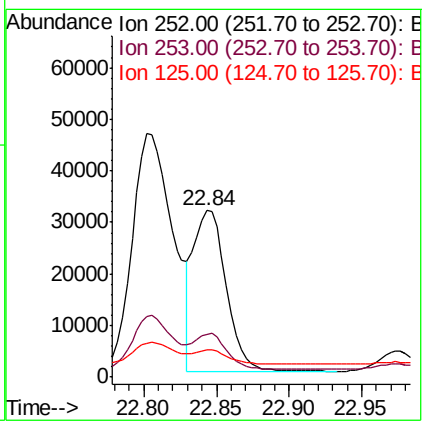


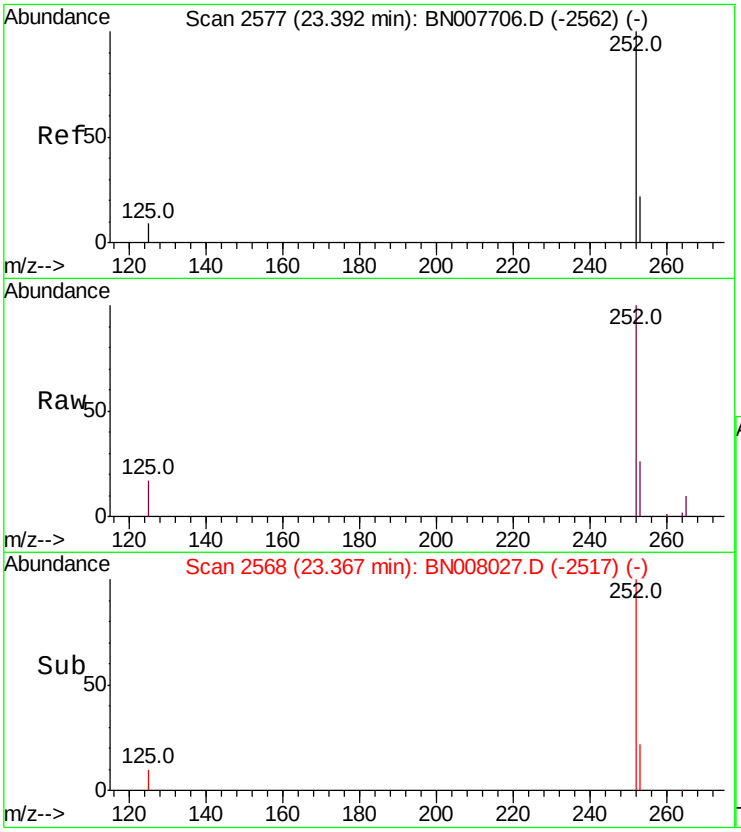




#36
Benzo(k)fluoranthene
Concen: 0.549 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:252 Resp: 49691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.6 | 18.5 | 27.7 |
| 125 | 16.3 | 8.4 | 12.6# |



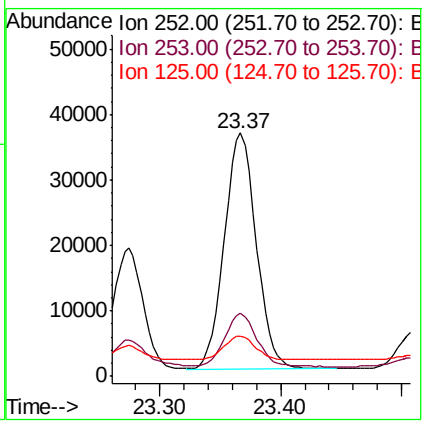


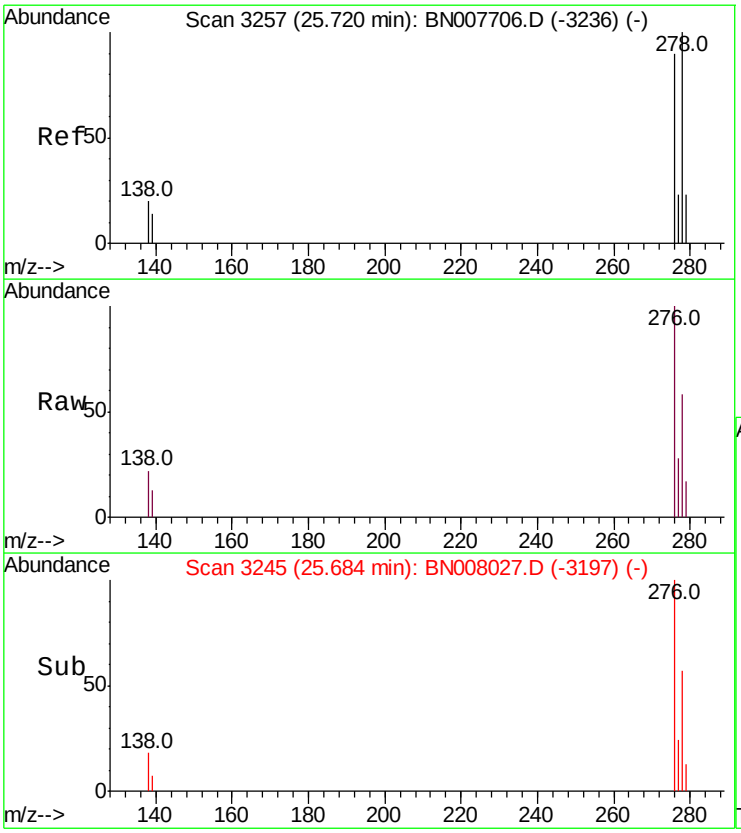

#37
Benzo(a)pyrene
Concen: 0.770 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:252 Resp: 66214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.9 | 18.6 | 27.8 |
| 125 | 16.5 | 9.4 | 14.0# |

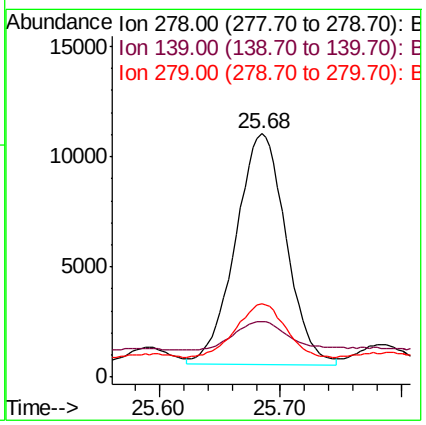


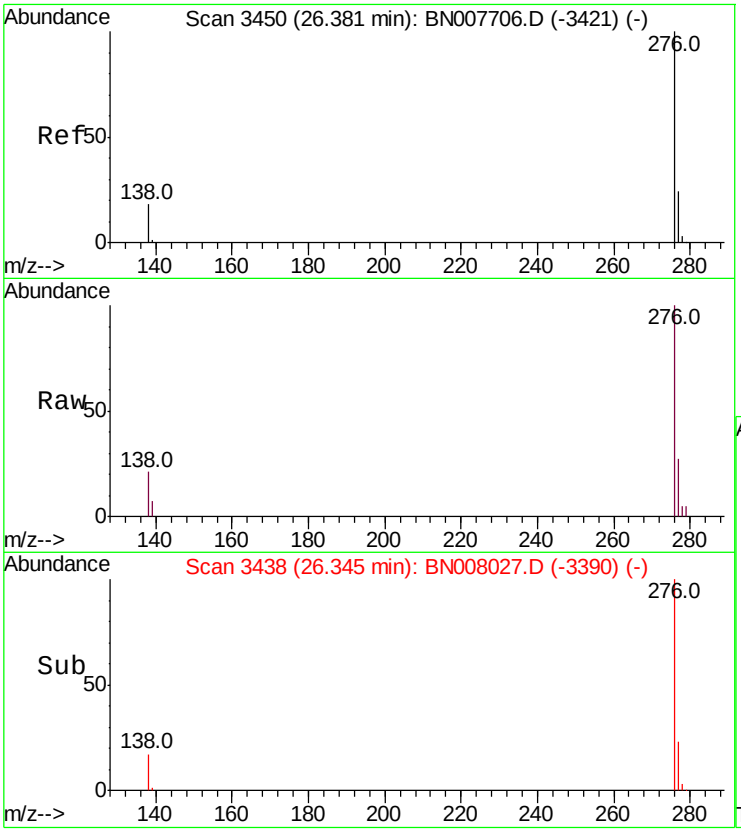




#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:278 Resp: 30430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.0 | 11.8 | 17.6# |
| 279 | 29.9 | 19.4 | 29.2# |






#39
Benzo(g,h,i)perylene
Concen: 0.642 ng
RT: 26.34 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
PST-024-SW134-092519MS

Tgt Ion:276 Resp: 55851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.7 | 19.8 | 29.8 |
| 138 | 20.7 | 15.1 | 22.7 |