Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016938.D
Acq On : 13 Oct 2021 21:41
Operator : CG/JU
Sample : PB139115BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB139115BSD

Quant Time: Oct 14 02:10:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.679 | 152 | 20437 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.445 | 136 | 88709 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 45647 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.030 | 188 | 86454 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.228 | 240 | 88762 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.471 | 264 | 87752 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 15531 | 0.335 | ng | | 0.00 |
| 5) Phenol-d6 | 6.868 | 99 | 17053 | 0.330 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.823 | 82 | 17758 | 0.315 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.038 | 152 | 41219 | 0.332 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 5863 | 0.283 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.924 | 172 | 59040 | 0.342 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.068 | 212 | 73665 | 0.339 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.679 | 244 | 65275 | 0.335 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.272 | 88 | 4257 | 0.312 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.604 | 42 | 5402 | 0.344 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.126 | 93 | 19005 | 0.344 | ng | | 100 |
| 9) Naphthalene | 10.496 | 128 | 77867 | 0.338 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.787 | 225 | 15477 | 0.339 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.110 | 142 | 49930 | 0.341 | ng | | 99 |
| 16) Acenaphthylene | 14.015 | 152 | 59324 | 0.321 | ng | | 100 |
| 17) Acenaphthene | 14.358 | 154 | 42811 | 0.337 | ng | | 99 |
| 18) Fluorene | 15.347 | 166 | 50974 | 0.337 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 1354 | 0.270 | ng | # | 90 |
| 21) 4-Bromophenyl-phenylether | 16.239 | 248 | 16412 | 0.324 | ng | | 97 |
| 22) Hexachlorobenzene | 16.348 | 284 | 19700 | 0.336 | ng | | 100 |
| 23) Atrazine | 16.519 | 200 | 10337 | 0.330 | ng | | 100 |
| 24) Pentachlorophenol | 16.689 | 266 | 4590 | 0.356 | ng | | 99 |
| 25) Phenanthrene | 17.079 | 178 | 83126 | 0.338 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 70542 | 0.336 | ng | | 100 |
| 28) Fluoranthene | 19.103 | 202 | 95467 | 0.359 | ng | | 100 |
| 30) Pyrene | 19.460 | 202 | 94991 | 0.336 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.217 | 228 | 89825 | 0.336 | ng | | 100 |
| 33) Chrysene | 21.259 | 228 | 101056 | 0.350 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149 | 31012 | 0.374 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.740 | 276 | 98612 | 0.297 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.797 | 252 | 96026 | 0.342 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.841 | 252 | 101431 | 0.364 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.372 | 252 | 87165 | 0.339 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.764 | 278 | 81209 | 0.301 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.432 | 276 | 79695 | 0.277 | ng | | 100 |

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

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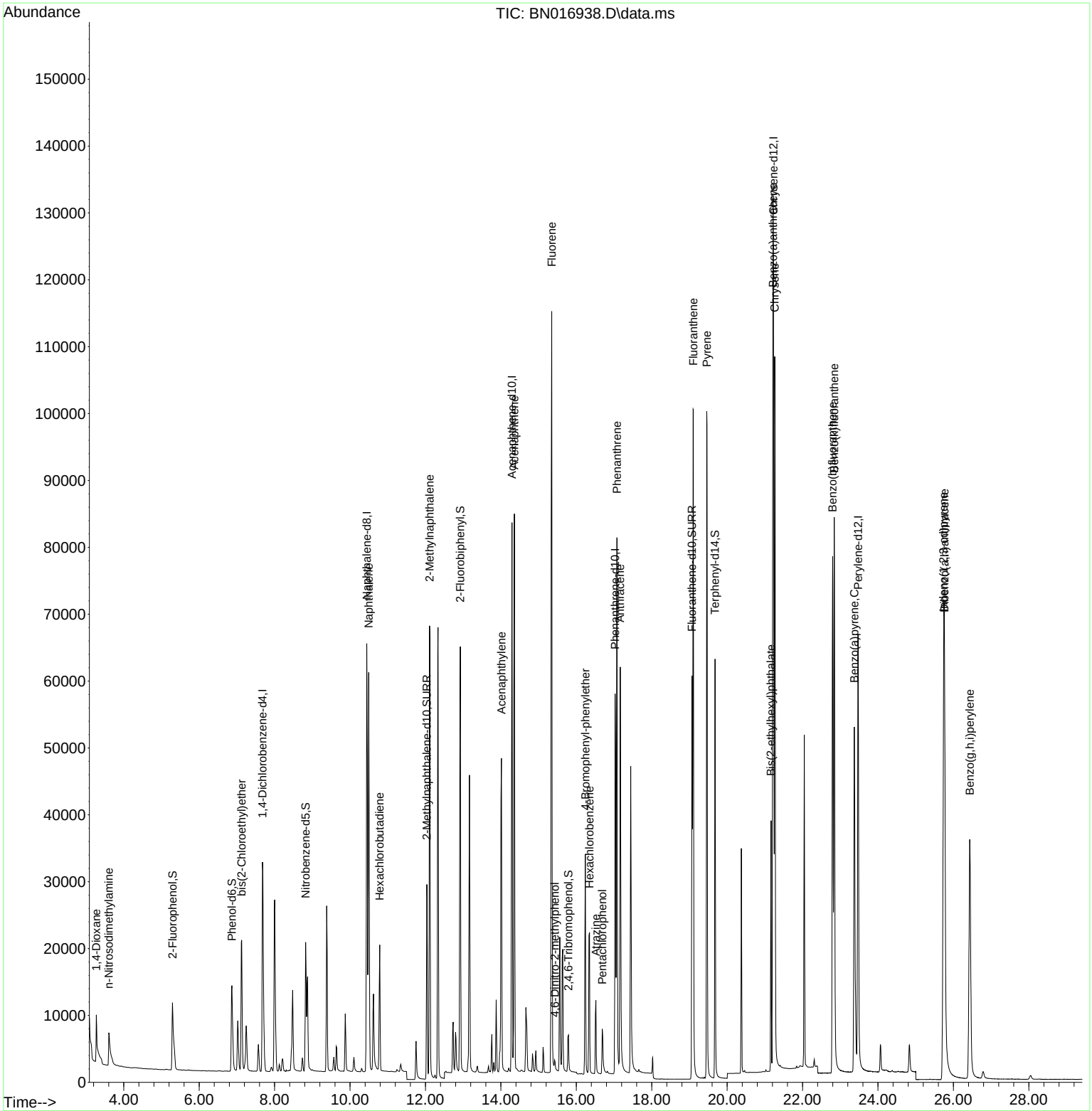
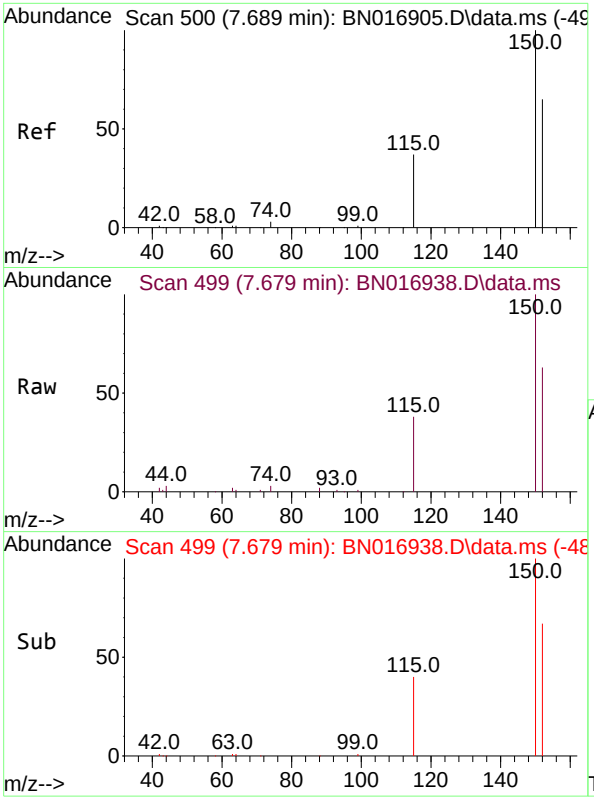
Data File : BN016938.D
Acq On : 13 Oct 2021 21:41
Operator : CG/JU
Sample : PB139115BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

Quant Time: Oct 14 02:10:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration



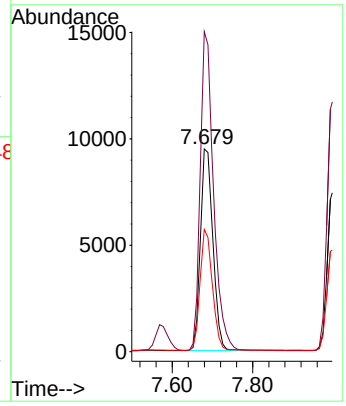
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

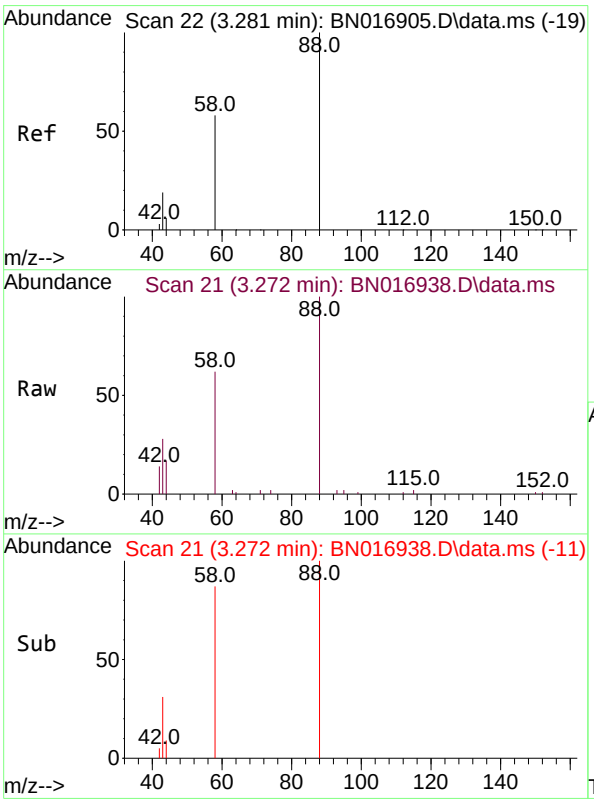



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.010 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:152 Resp: 20437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 122.6 | 183.8 |
| 115 | 60.3 | 46.1 | 69.1 |

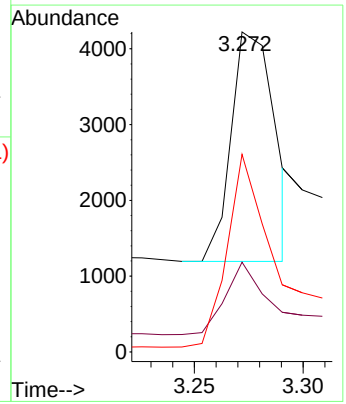


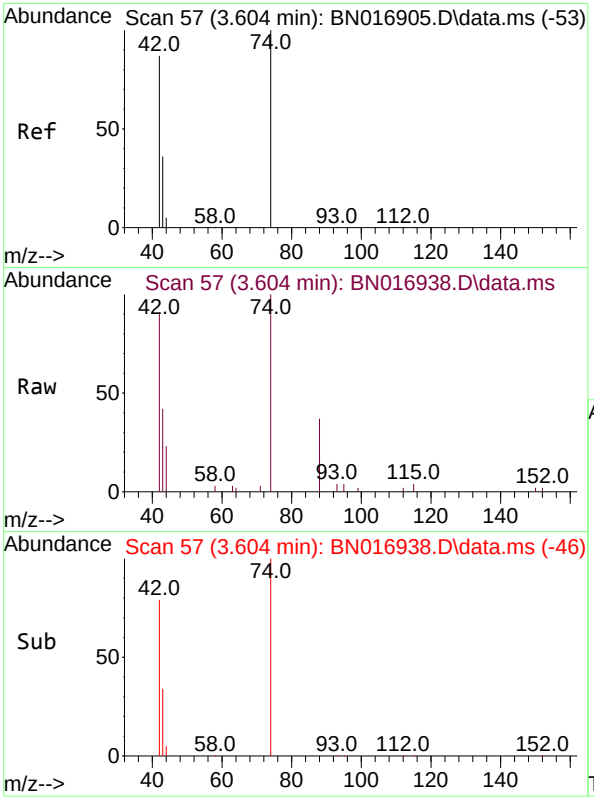

#2
1,4-Dioxane
Concen: 0.312 ng
RT: 3.272 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion: 88 Resp: 4257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.1 | 24.3 | 36.5 |
| 58 | 76.9 | 65.2 | 97.8 |



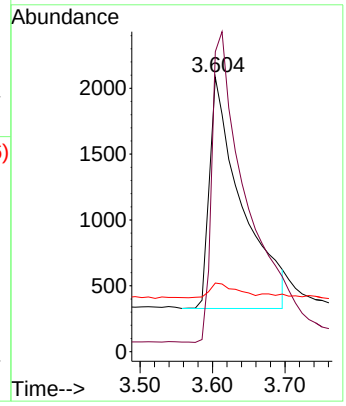
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

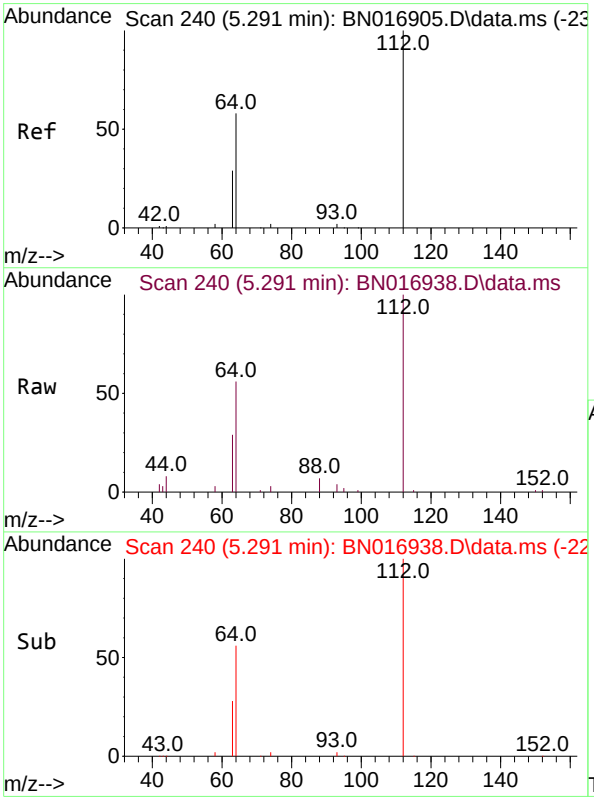



#3
n-Nitrosodimethylamine
Concen: 0.344 ng
RT: 3.604 min Scan# 57
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion: 42 Resp: 5402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.3 | 114.4 | 171.6 |
| 44 | 5.1 | 5.7 | 8.5# |

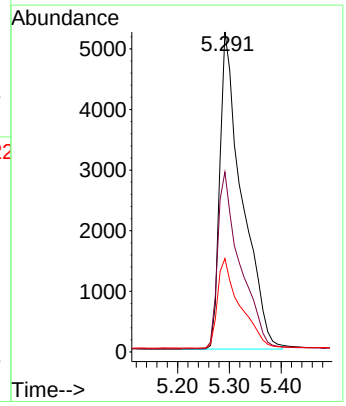


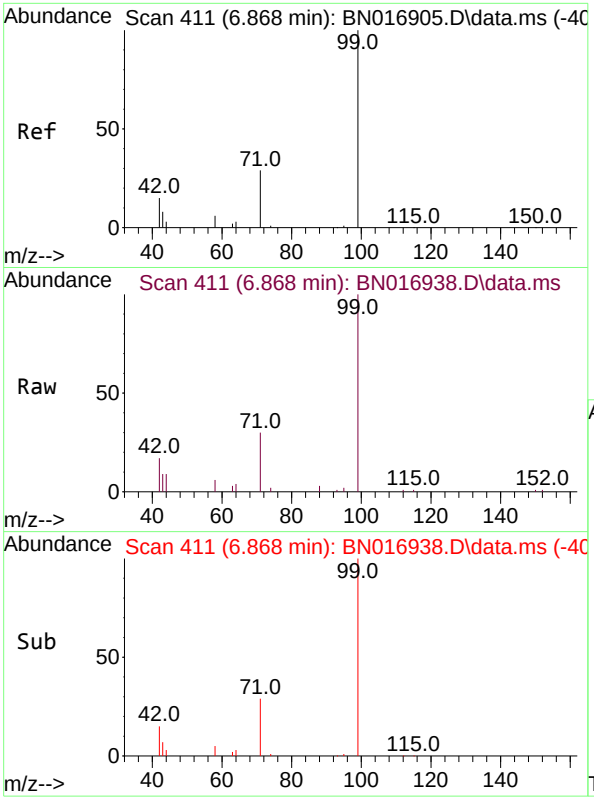

#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:112 Resp: 15531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.2 | 45.0 | 67.4 |
| 63 | 28.5 | 22.6 | 33.8 |



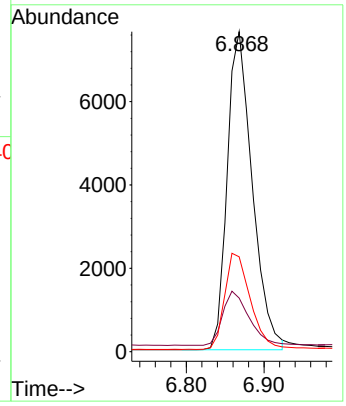
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

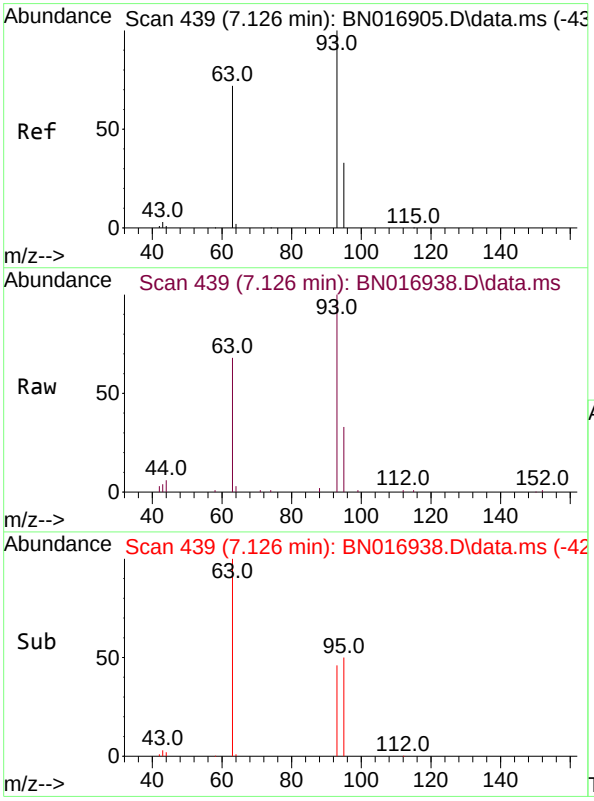



#5
Phenol-d6
Concen: 0.330 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion: 99 Resp: 17053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.8 | 14.2 | 21.4 |
| 71 | 30.9 | 24.5 | 36.7 |

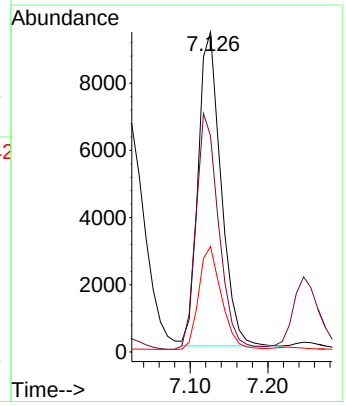


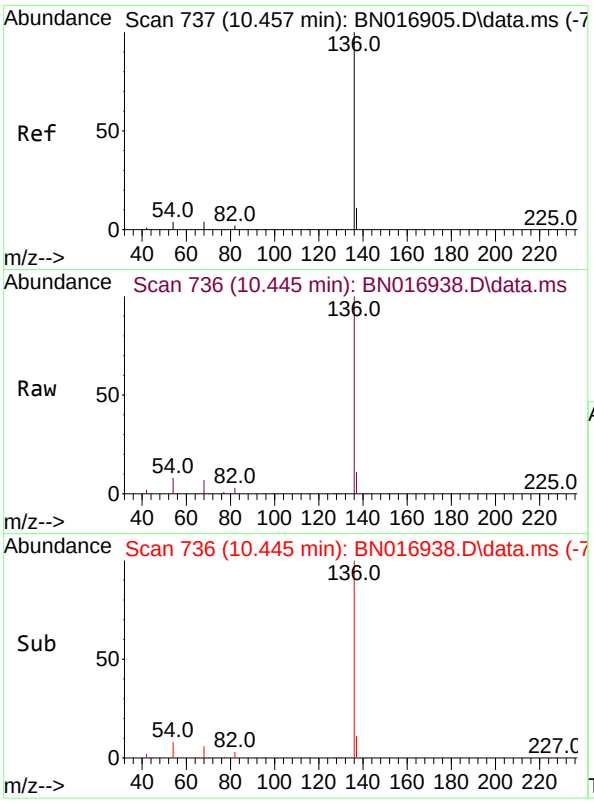

#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion: 93 Resp: 19005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.3 | 60.3 | 90.5 |
| 95 | 32.7 | 26.2 | 39.4 |



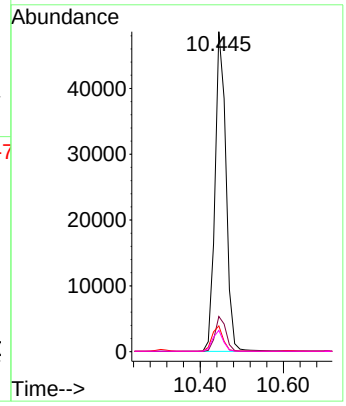
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

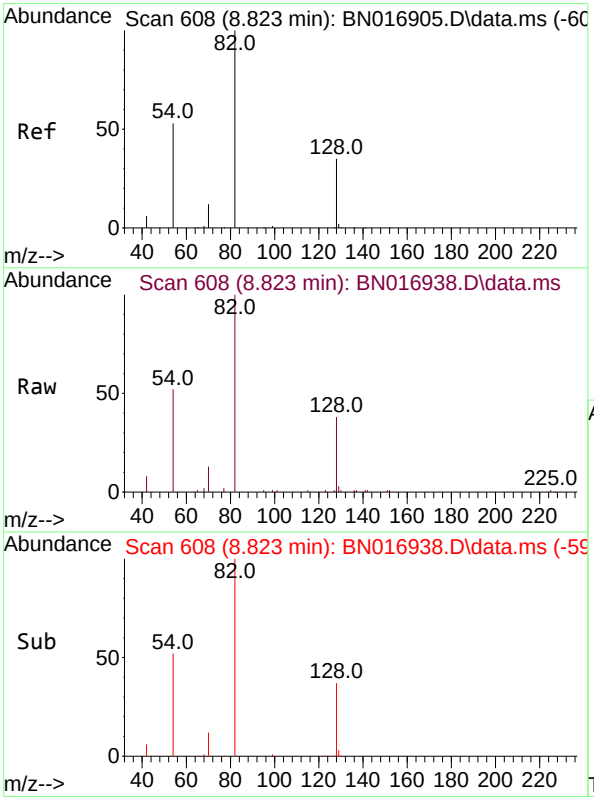



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:136 Resp: 88709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.1 | 3.7 | 5.5# |
| 68 | 6.6 | 3.2 | 4.8# |

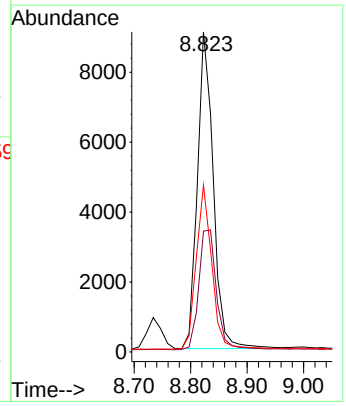


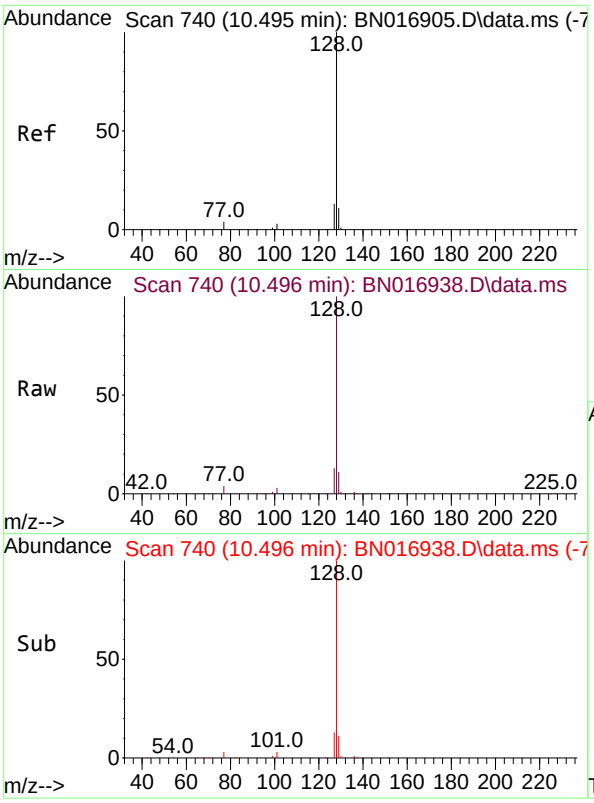




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.823 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion: 82 Resp: 17758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.7 | 28.3 | 42.5 |
| 54 | 52.2 | 43.0 | 64.4 |

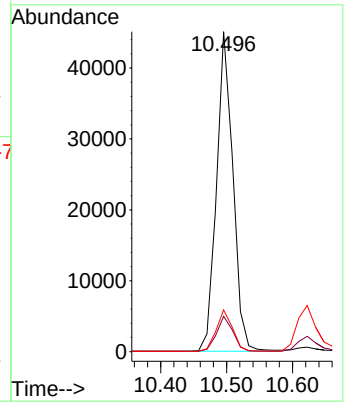





#9
Naphthalene
Concen: 0.338 ng
RT: 10.496 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:128 Resp: 77867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.7 | 13.1 |
| 127 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_N
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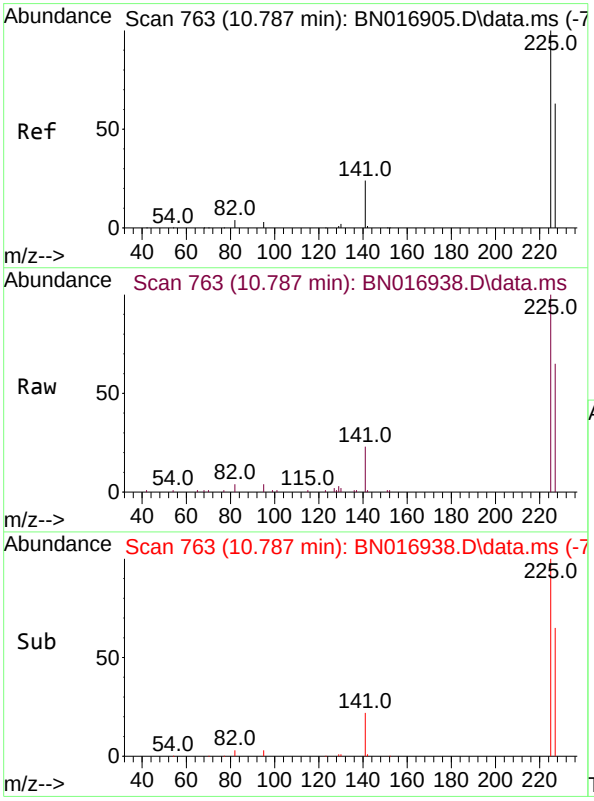
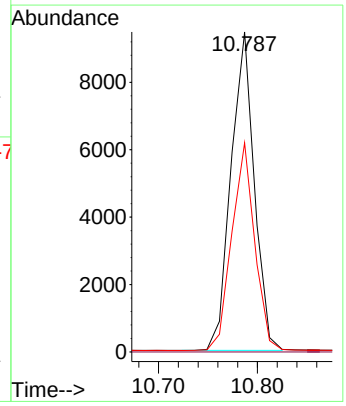
PB139115BSD




#10
Hexachlorobutadiene
Concen: 0.339 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:225 Resp: 15477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.2 | 51.1 | 76.7 |



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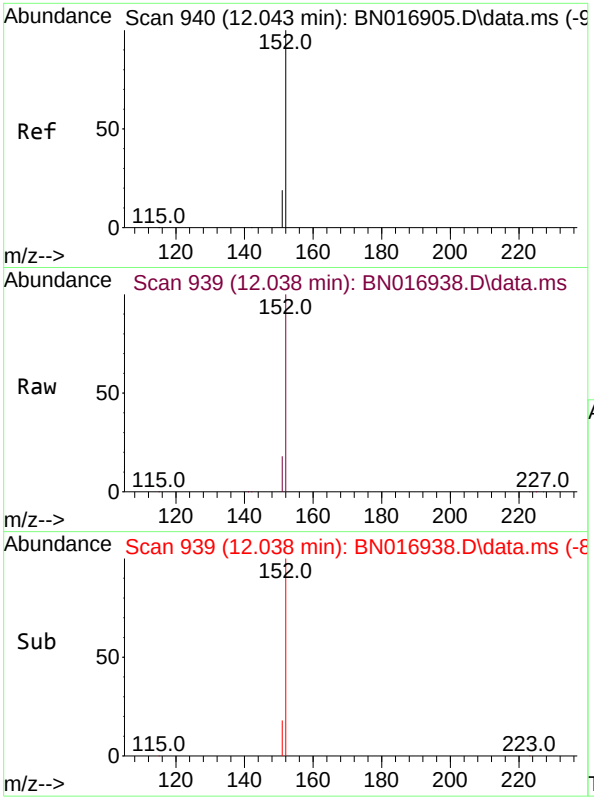
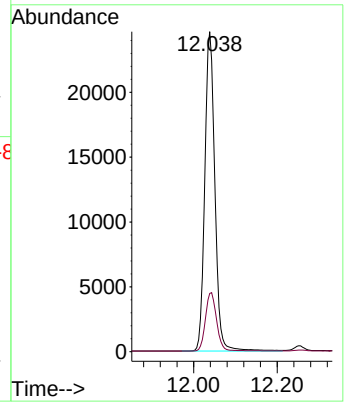
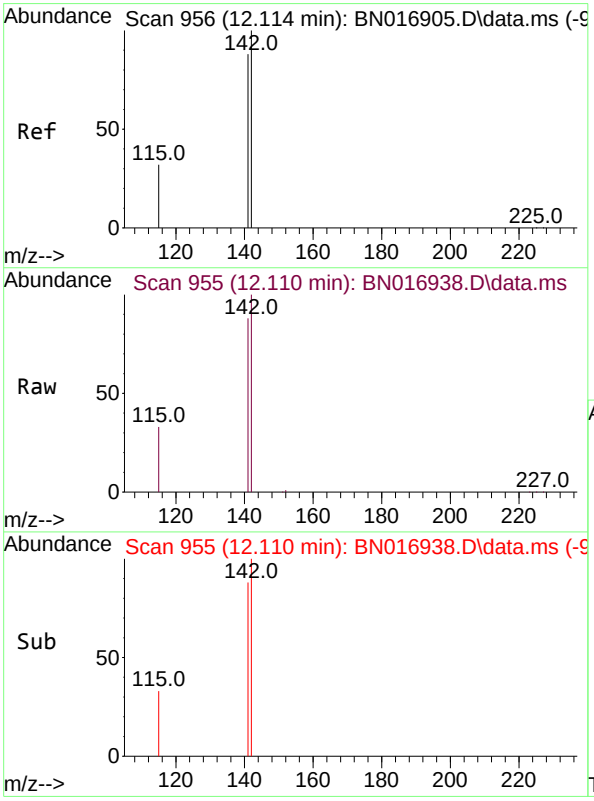



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.004 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:152 Resp: 41219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.4 |

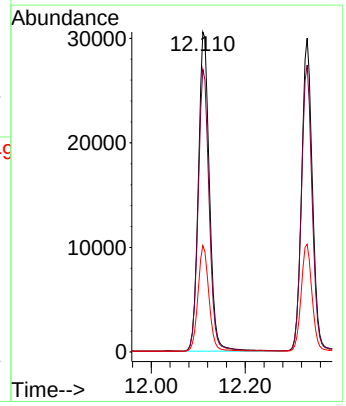



#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.110 min Scan# 955
Delta R.T. -0.004 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:142 Resp: 49930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 70.5 | 105.7 |
| 115 | 33.2 | 26.0 | 39.0 |



**Instrument :**
BNA_N
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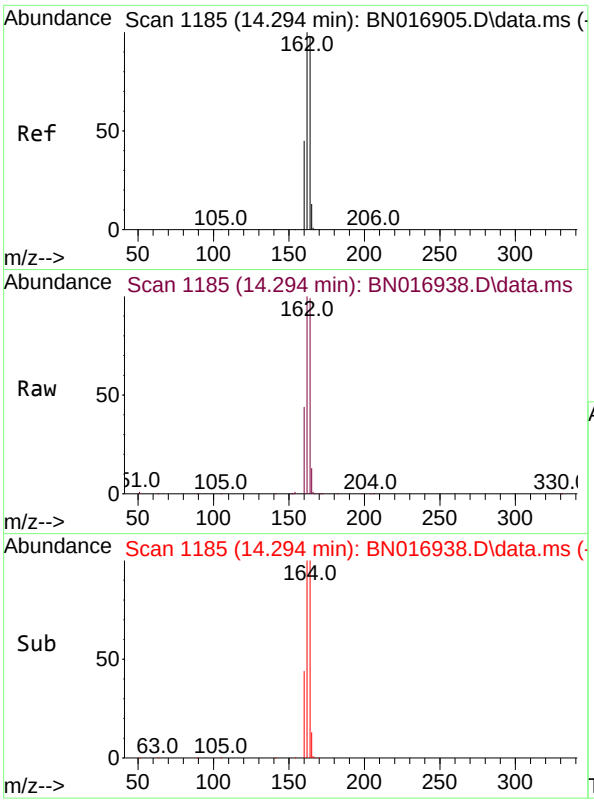
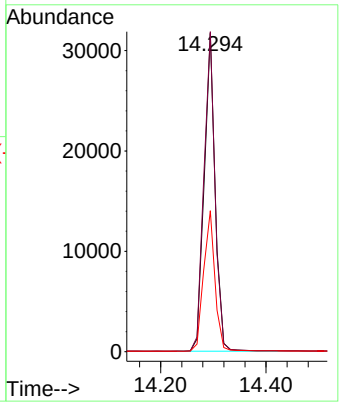
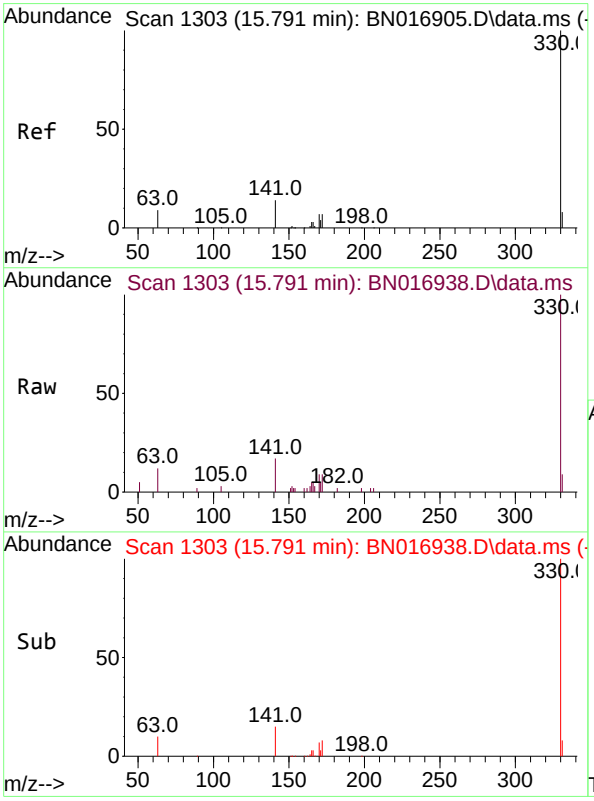



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:164 Resp: 45647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 81.4 | 122.0 |
| 160 | 44.3 | 37.0 | 55.4 |

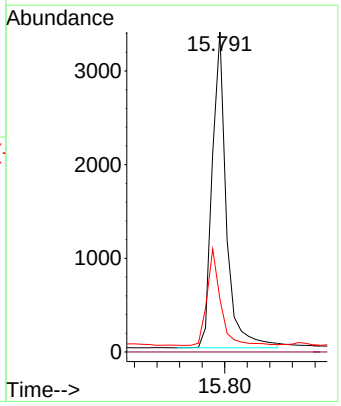


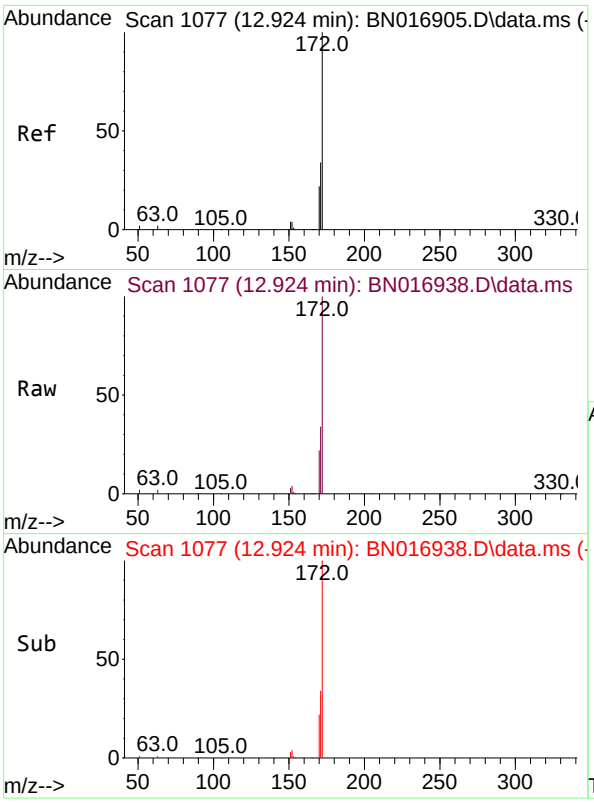

#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:330 Resp: 5863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 29.3 | 24.4 | 36.6 |



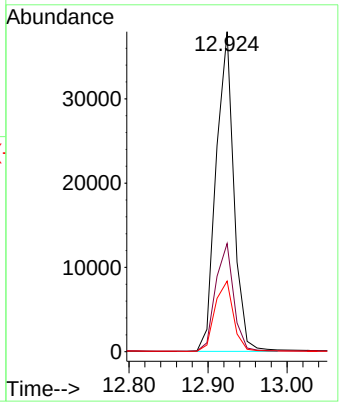
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

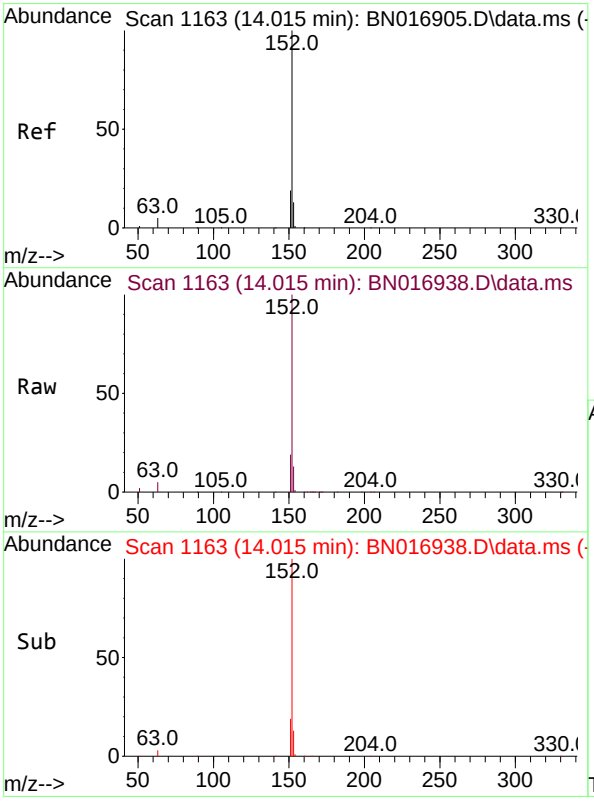



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:172 Resp: 59040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 27.4 | 41.0 |
| 170 | 22.1 | 18.1 | 27.1 |

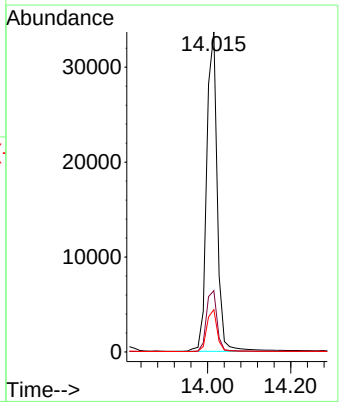


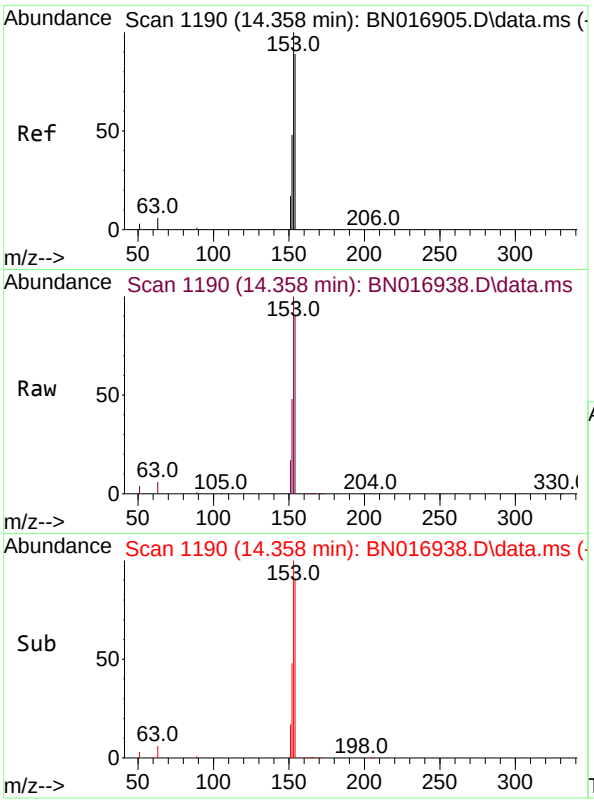

#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:152 Resp: 59324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.5 | 23.3 |
| 153 | 13.0 | 10.3 | 15.5 |



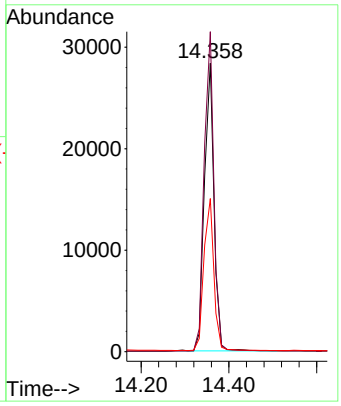
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

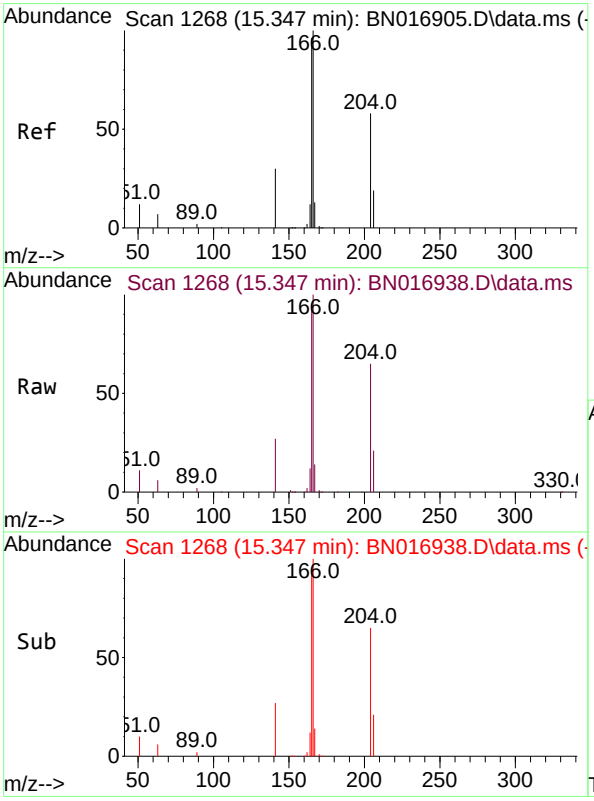



#17
Acenaphthene
Concen: 0.337 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:154 Resp: 42811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 91.2 | 136.8 |
| 152 | 55.1 | 44.4 | 66.6 |

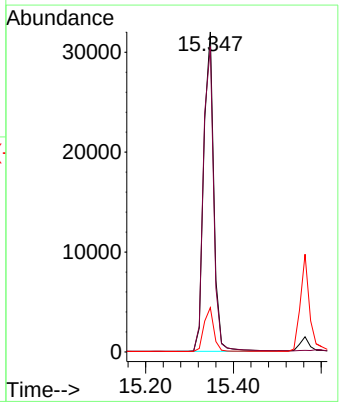


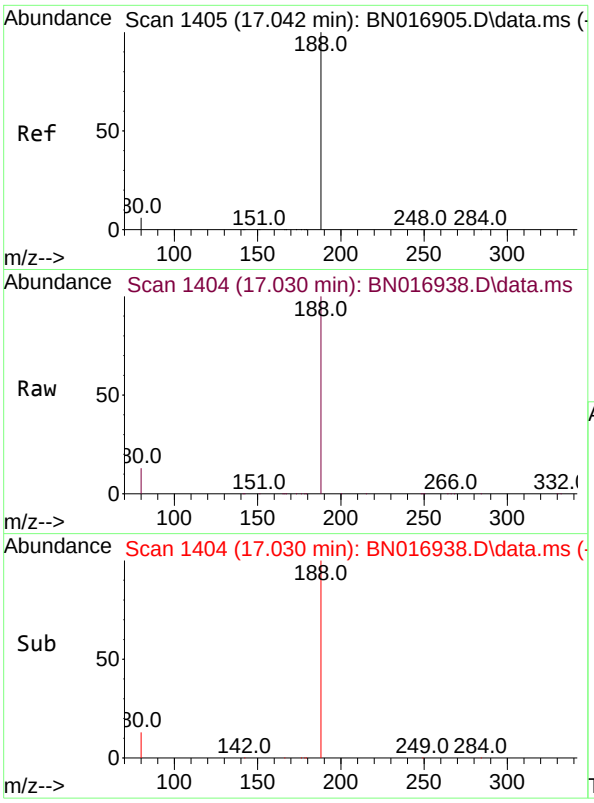

#18
Fluorene
Concen: 0.337 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:166 Resp: 50974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.7 | 78.1 | 117.1 |
| 167 | 13.5 | 10.7 | 16.1 |



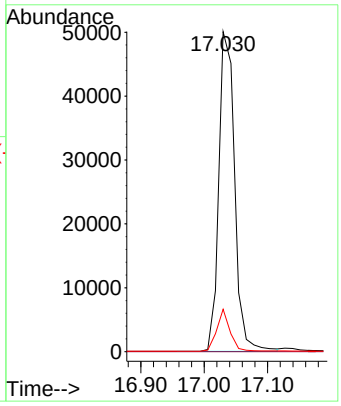
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

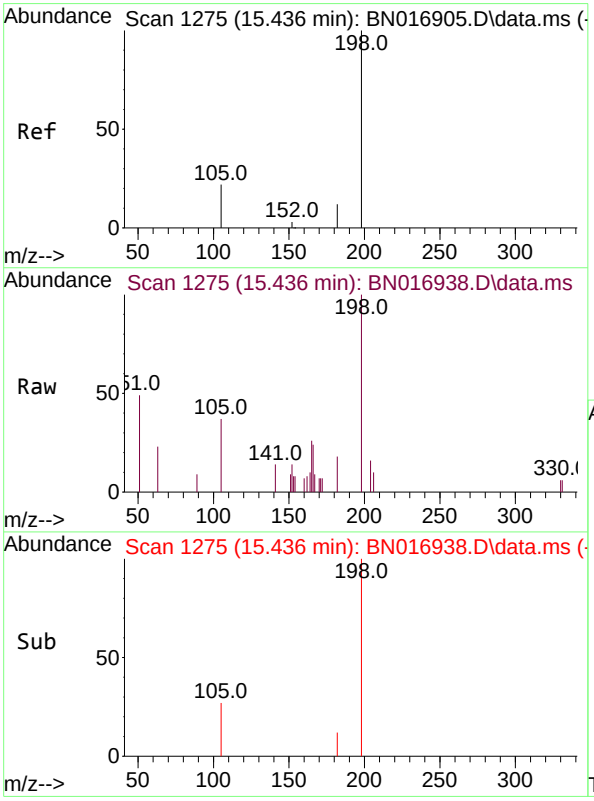



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:188 Resp: 86454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.2 | 4.9 | 7.3# |

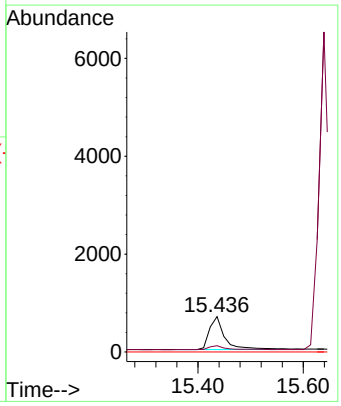


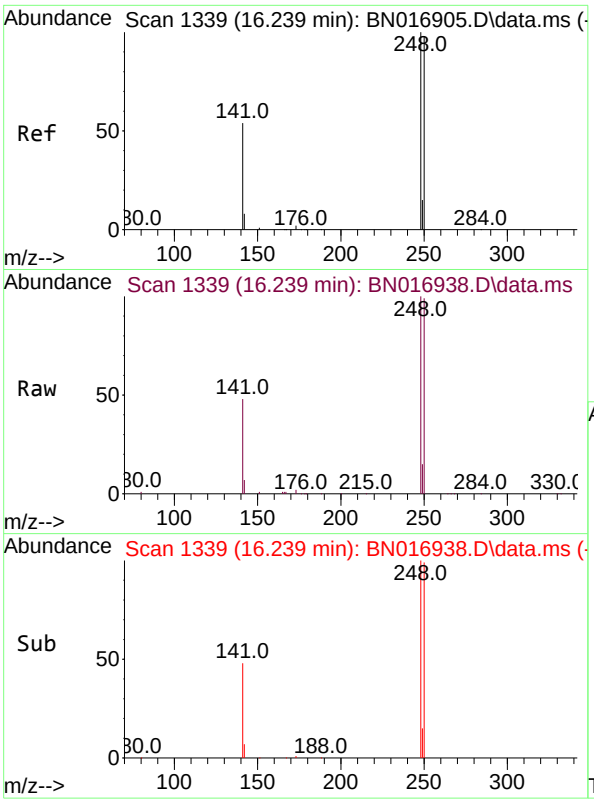

#20
4,6-Dinitro-2-methylphenol
Concen: 0.270 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:198 Resp: 1354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 17.8 | 11.0 | 16.6# |
| 77 | 0.0 | 0.0 | 0.0 |



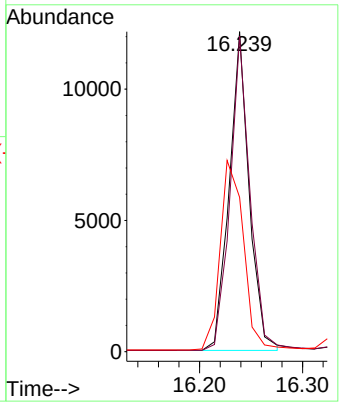
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

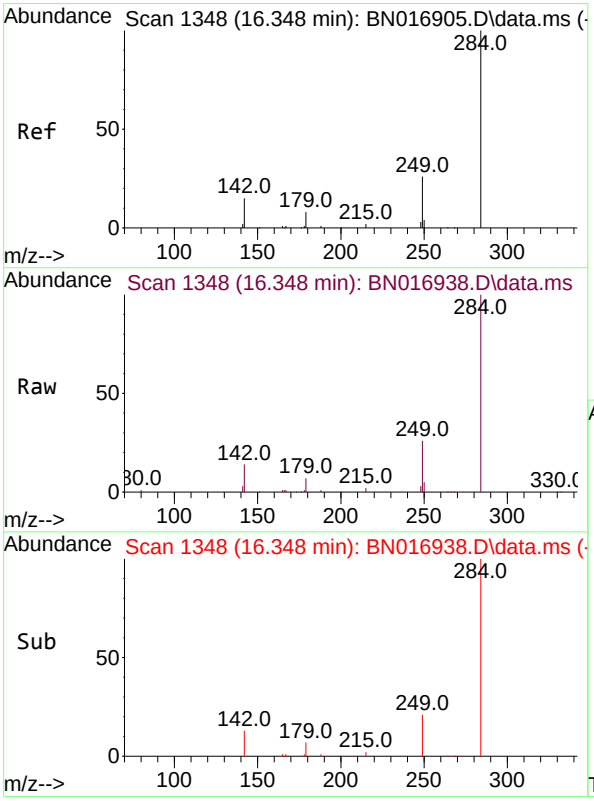



#21
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.239 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:248 Resp: 16412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.6 | 78.2 | 117.2 |
| 141 | 48.2 | 43.1 | 64.7 |

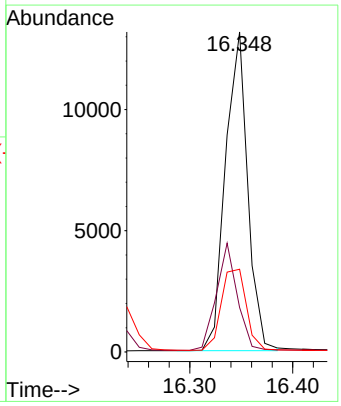


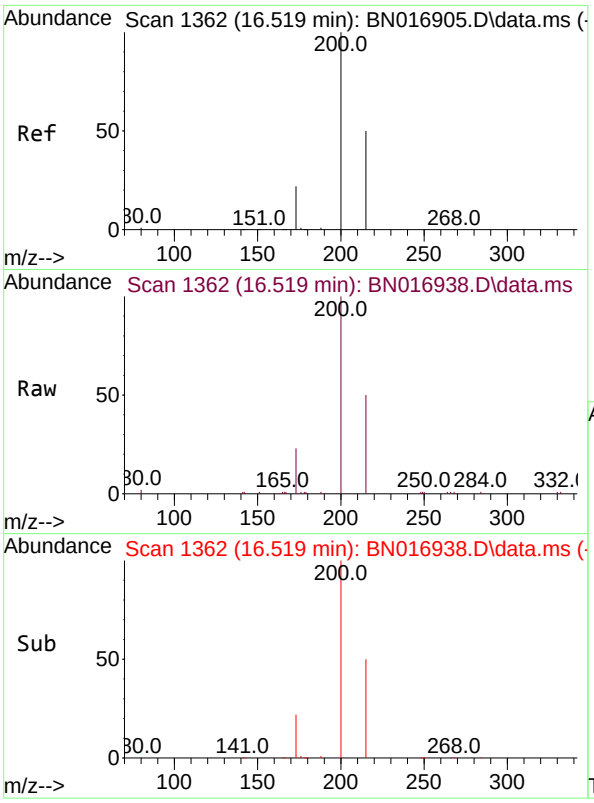

#22
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:284 Resp: 19700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.5 | 25.1 | 37.7 |
| 249 | 28.9 | 23.2 | 34.8 |



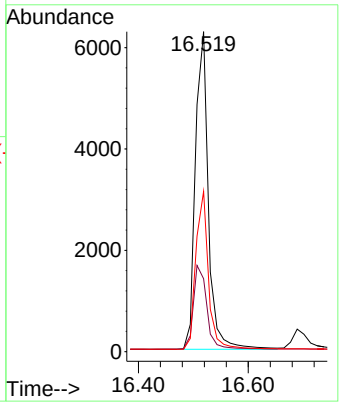
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

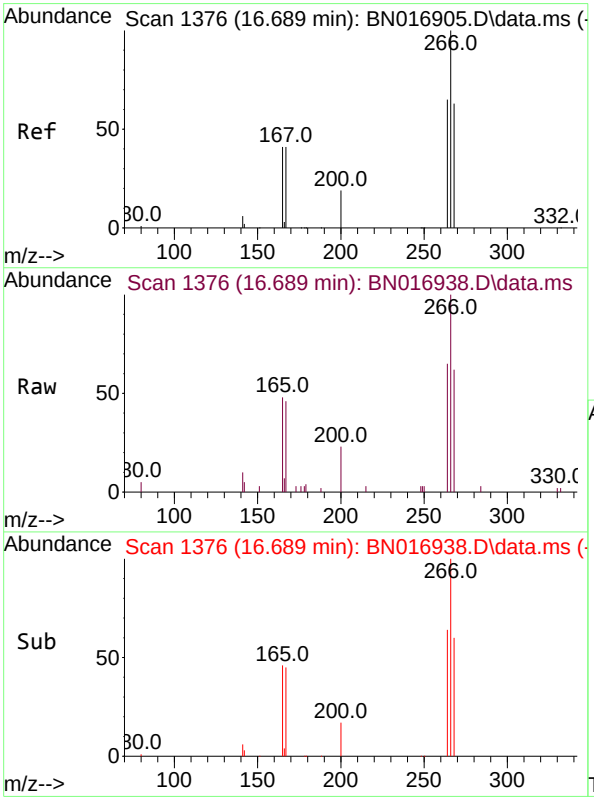



#23
Atrazine
Concen: 0.330 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:200 Resp: 10337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.8 | 18.0 | 27.0 |
| 215 | 50.1 | 40.0 | 60.0 |

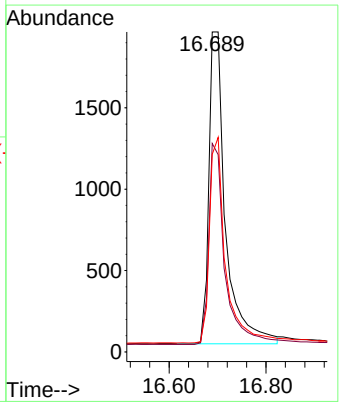


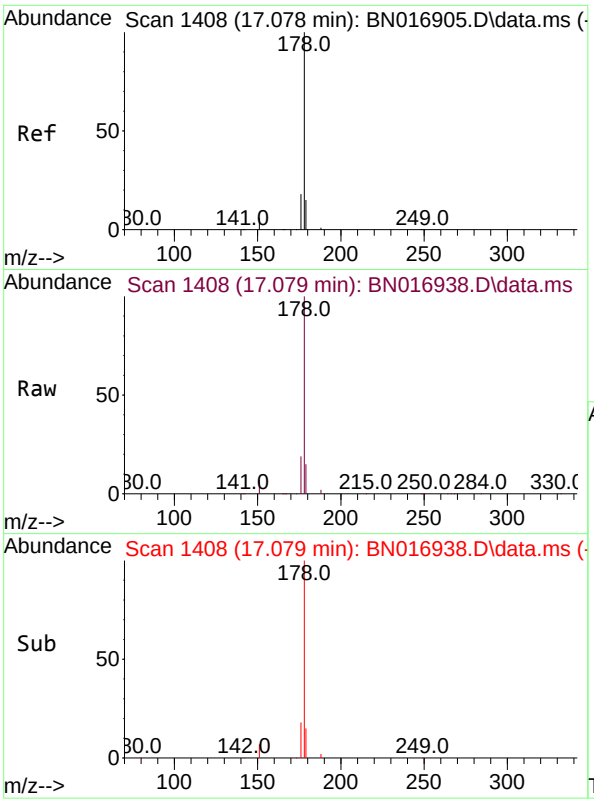

#24
Pentachlorophenol
Concen: 0.356 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:266 Resp: 4590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.5 | 50.5 | 75.7 |
| 268 | 63.5 | 51.2 | 76.8 |



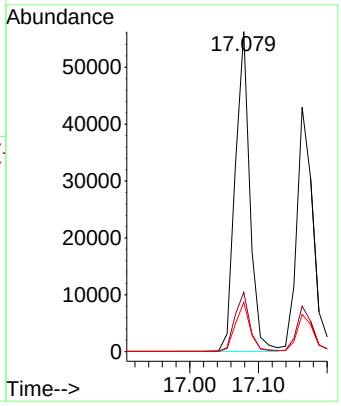
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

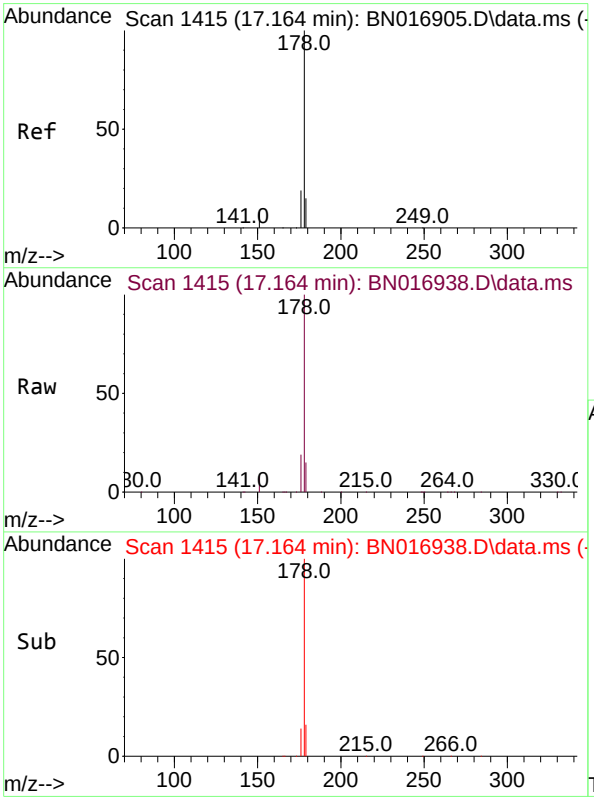



#25
Phenanthrene
Concen: 0.338 ng
RT: 17.079 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:178 Resp: 83126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.5 | 12.3 | 18.5 |

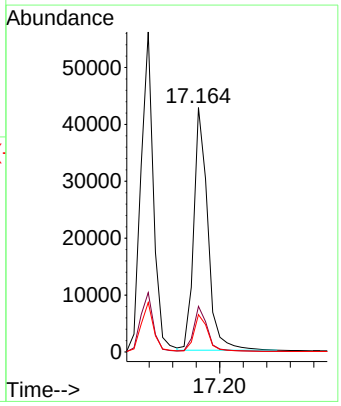


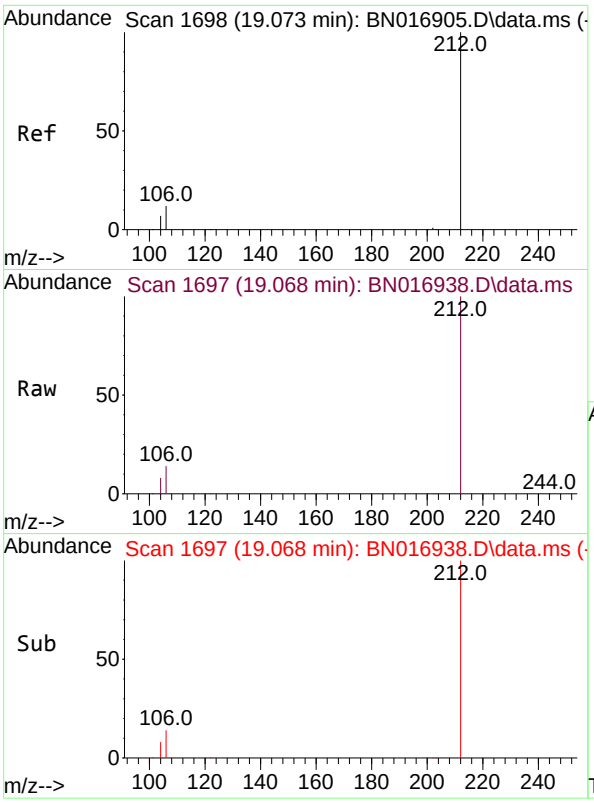

#26
Anthracene
Concen: 0.336 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:178 Resp: 70542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.6 | 21.8 |
| 179 | 15.3 | 12.2 | 18.4 |



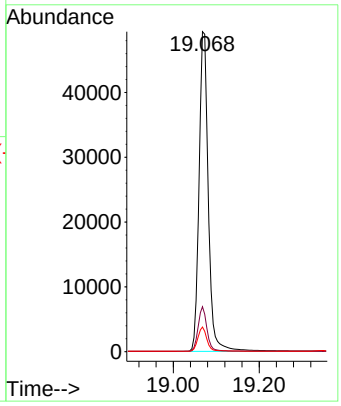
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

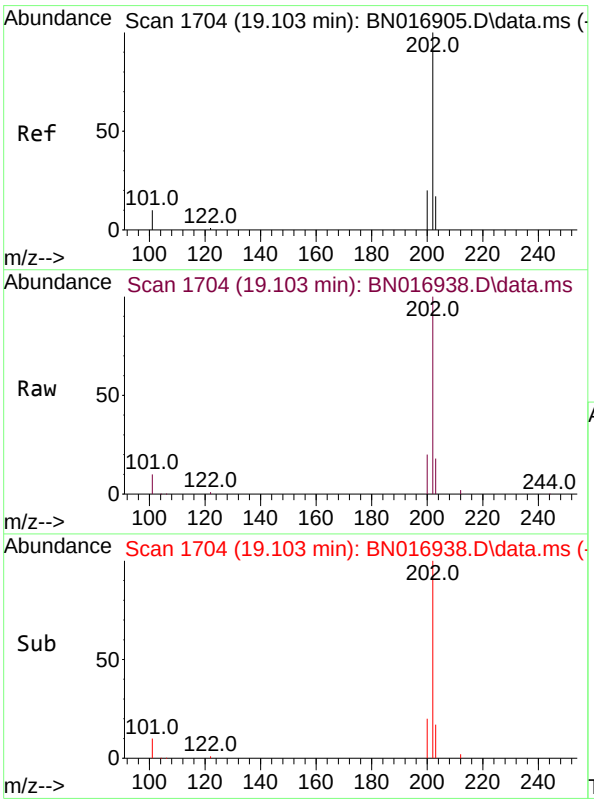



#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:212 Resp: 73665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.5 | 10.7 | 16.1 |
| 104 | 7.4 | 5.8 | 8.8 |

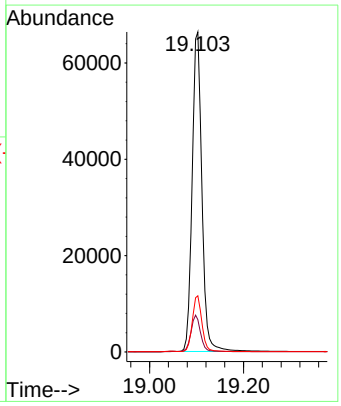


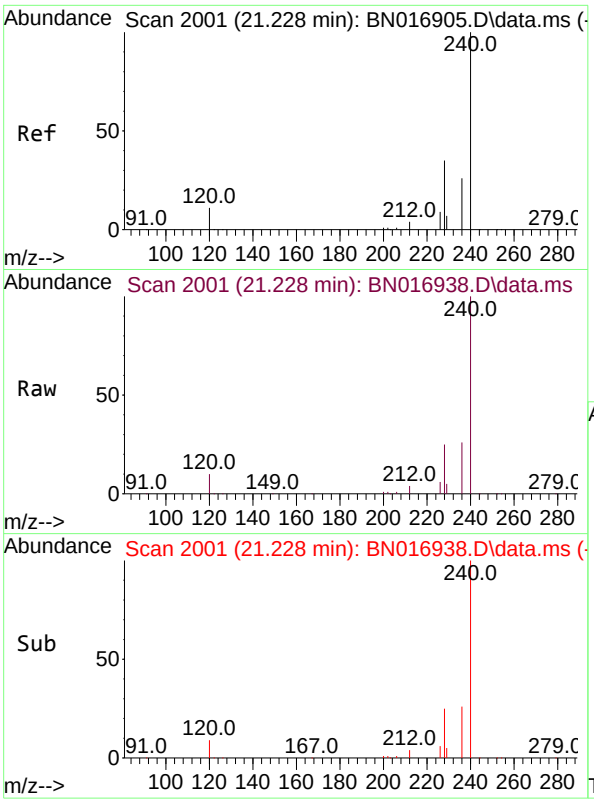

#28
Fluoranthene
Concen: 0.359 ng
RT: 19.103 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:202 Resp: 95467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 9.0 | 13.4 |
| 203 | 17.3 | 13.8 | 20.8 |



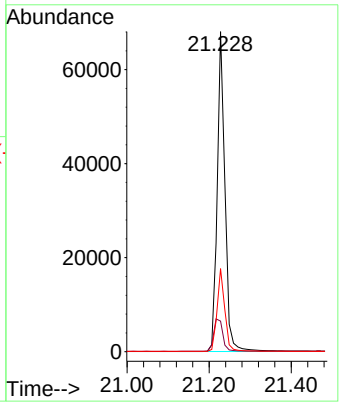
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

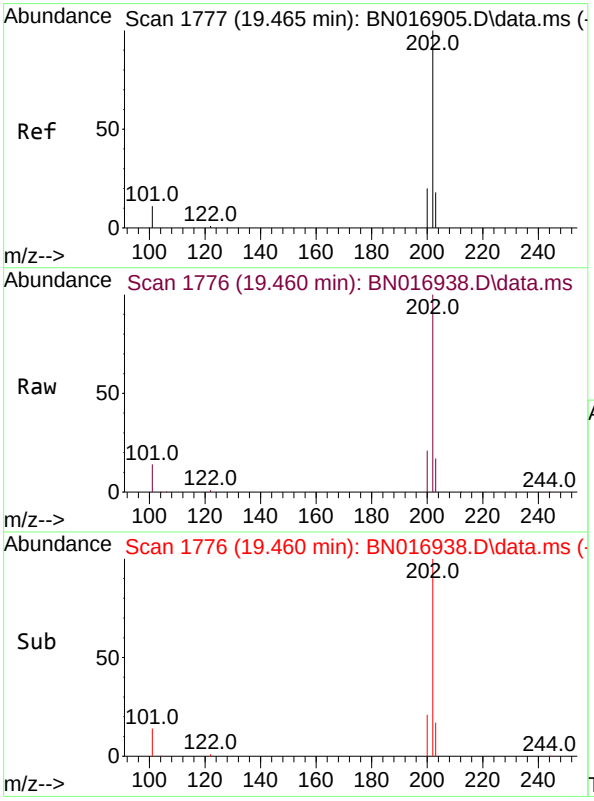



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:240 Resp: 88762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.6 | 12.8 |
| 236 | 26.0 | 21.0 | 31.4 |

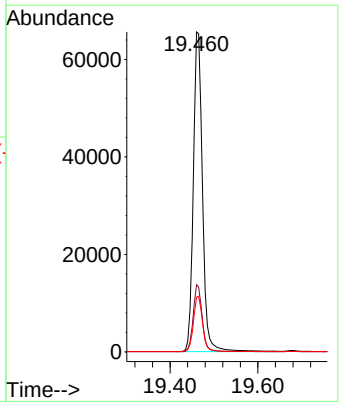


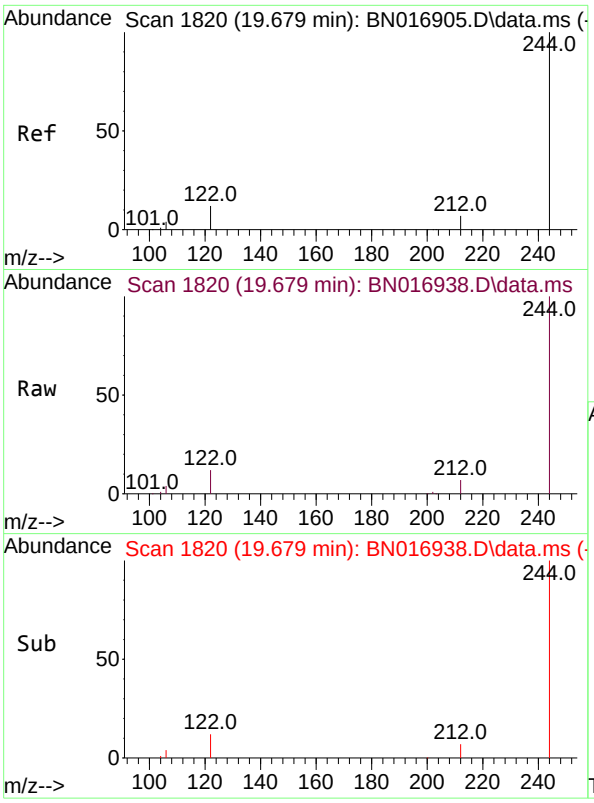

#30
Pyrene
Concen: 0.336 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:202 Resp: 94991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.5 | 24.7 |
| 203 | 17.5 | 14.0 | 21.0 |



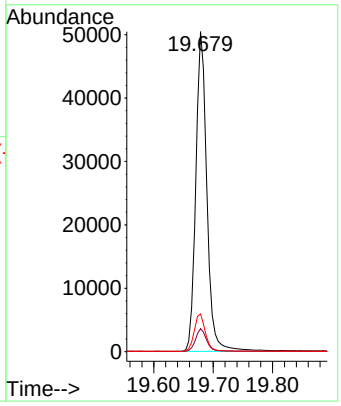
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

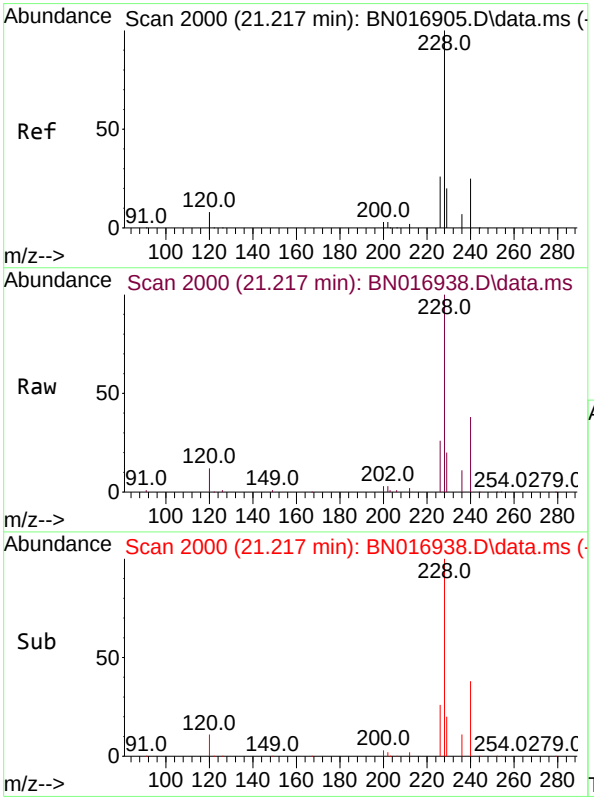



#31
Terphenyl-d14
Concen: 0.335 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:244 Resp: 65275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.7 | 8.5 |
| 122 | 11.8 | 9.8 | 14.6 |

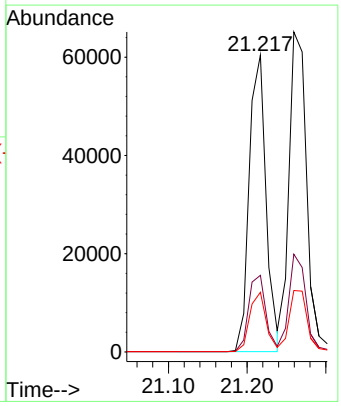


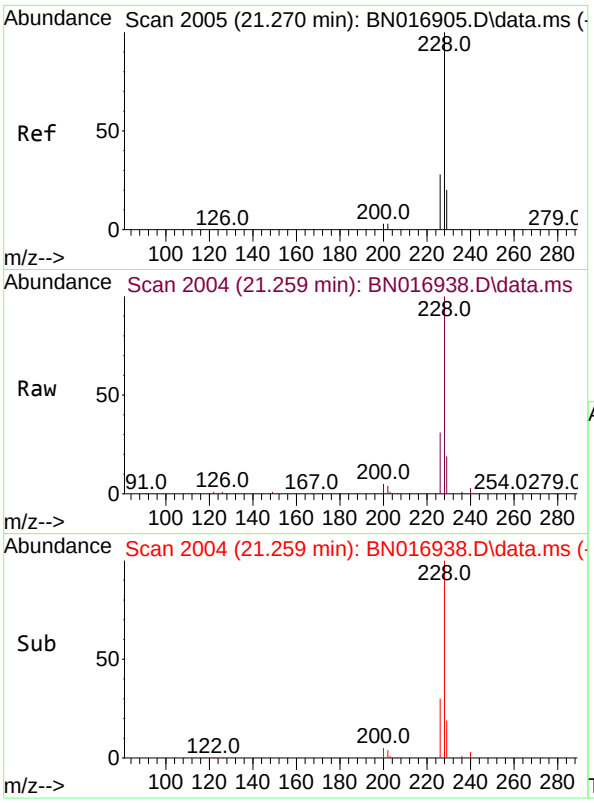

#32
Benzo(a)anthracene
Concen: 0.336 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:228 Resp: 89825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.8 | 20.6 | 31.0 |
| 229 | 20.1 | 15.8 | 23.8 |



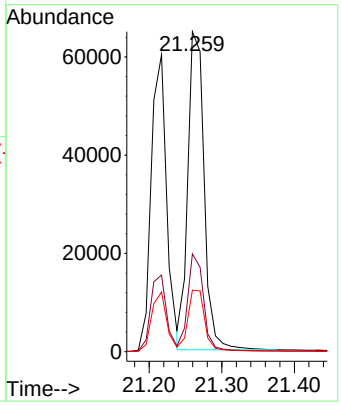
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

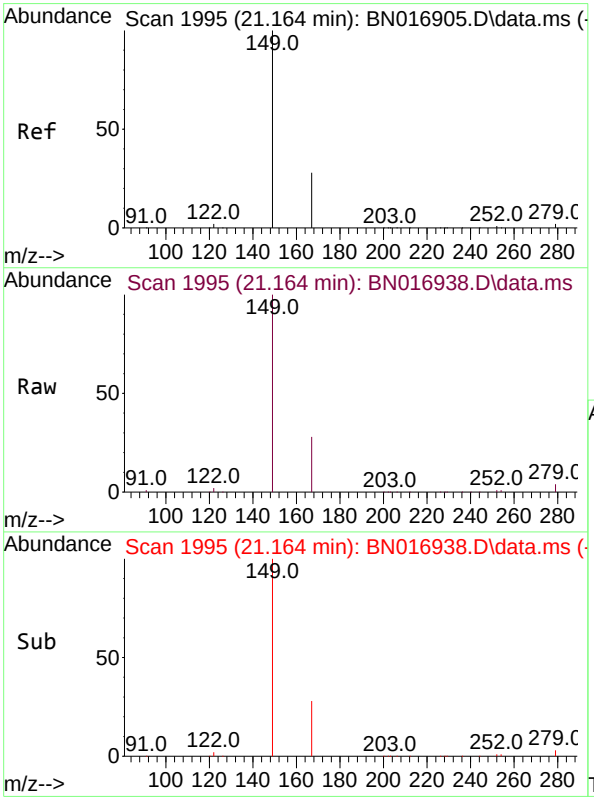



#33
Chrysene
Concen: 0.350 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:228 Resp: 101056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 22.6 | 34.0 |
| 229 | 19.2 | 16.0 | 24.0 |

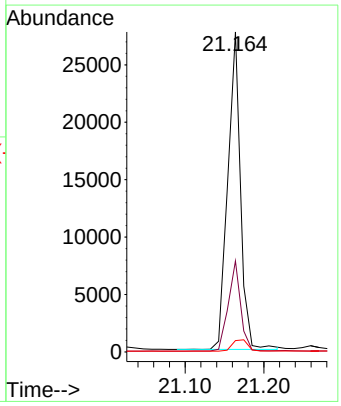


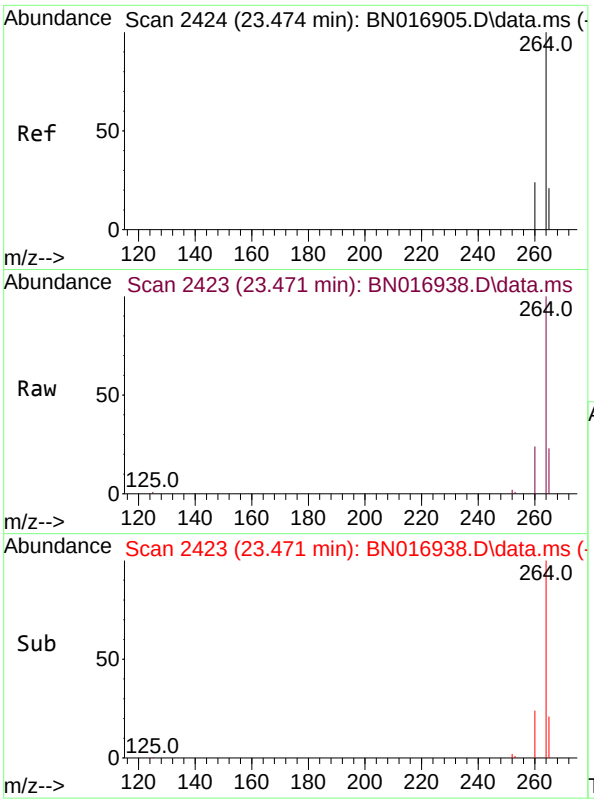

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.374 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:149 Resp: 31012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 22.1 | 33.1 |
| 279 | 4.4 | 3.4 | 5.0 |



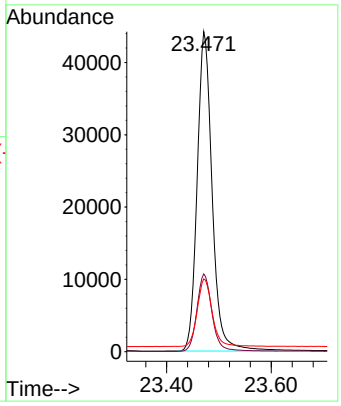
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

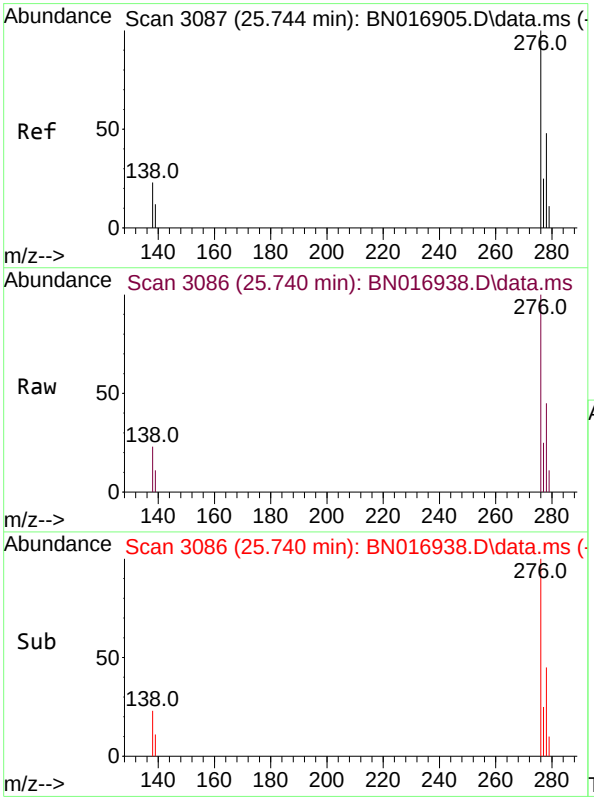



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:264 Resp: 87752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.4 | 29.2 |
| 265 | 22.8 | 18.6 | 27.8 |

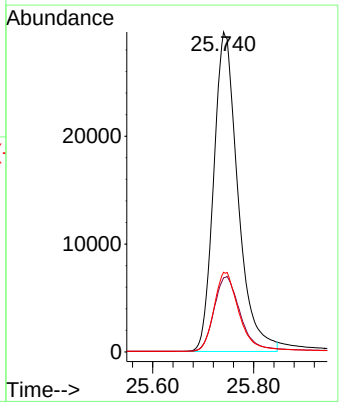


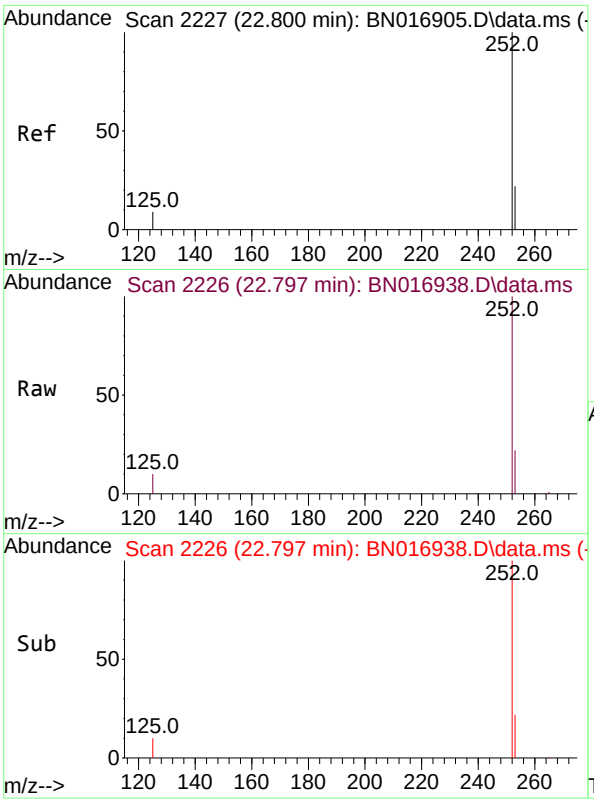

#36
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 25.740 min Scan# 3086
Delta R.T. -0.003 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:276 Resp: 98612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.1 | 20.2 | 30.4 |
| 277 | 25.3 | 20.2 | 30.4 |



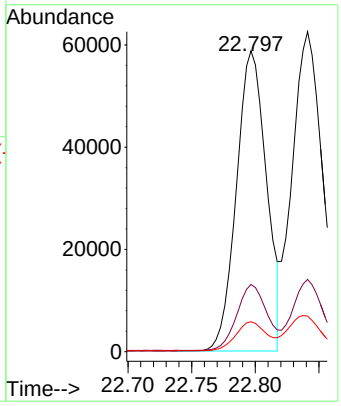
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

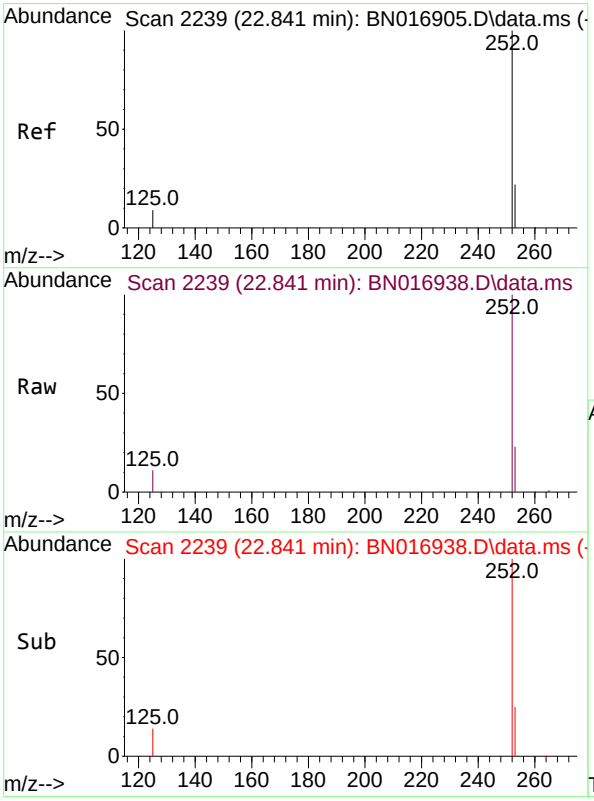



#37
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.797 min Scan# 2226
Delta R.T. -0.003 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:252 Resp: 96026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.7 | 26.5 |
| 125 | 10.0 | 7.8 | 11.8 |

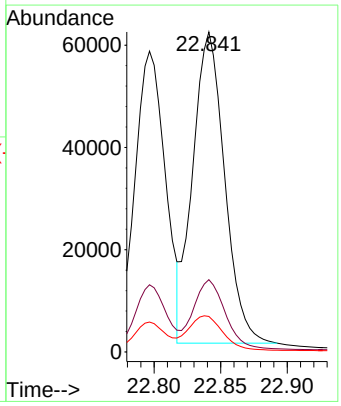


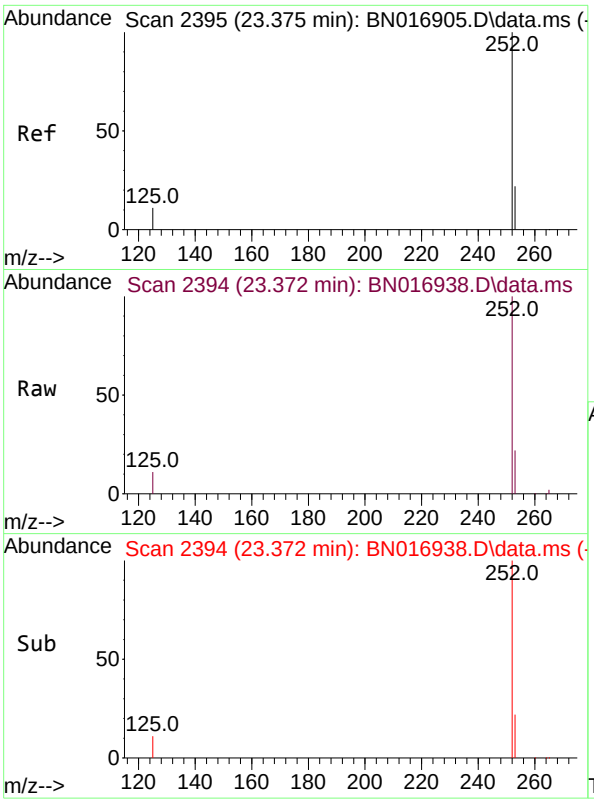

#38
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.841 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:252 Resp: 101431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 11.1 | 9.8 | 14.8 |



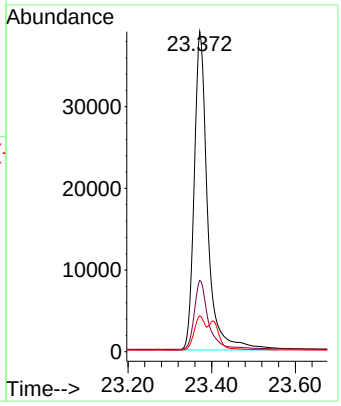
**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD

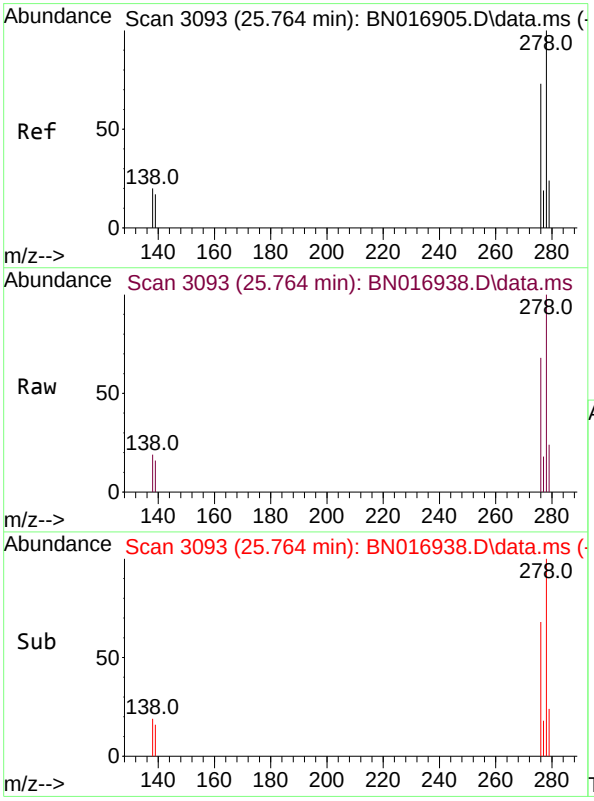



#39
Benzo(a)pyrene
Concen: 0.339 ng
RT: 23.372 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:252 Resp: 87165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.1 | 27.1 |
| 125 | 11.2 | 9.0 | 13.4 |

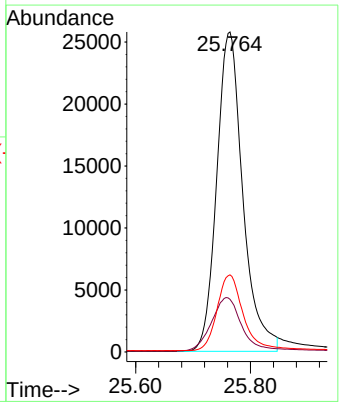


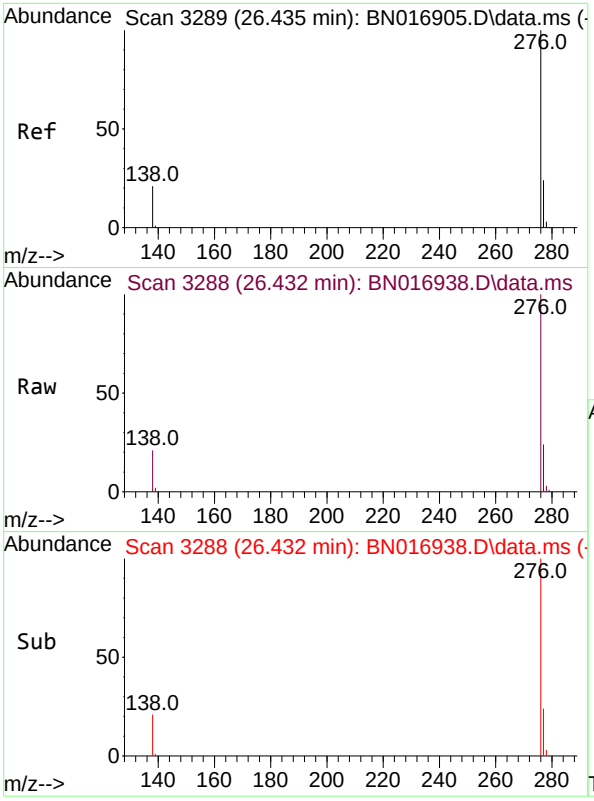




#40
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:278 Resp: 81209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.5 | 13.8 | 20.6 |
| 279 | 24.1 | 19.0 | 28.6 |

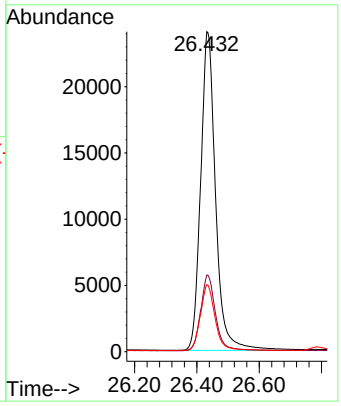





#41
Benzo(g,h,i)perylene
Concen: 0.277 ng
RT: 26.432 min Scan# 3288
Delta R.T. -0.003 min
Lab File: BN016938.D
Acq: 13 Oct 2021 21:41

Tgt Ion:276 Resp: 79695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.1 | 28.7 |
| 138 | 21.0 | 16.6 | 24.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
PB139115BSD