Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016636.D
Acq On : 01 Oct 2021 15:19
Operator : CG/JU
Sample : M3990-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

**Manual Integrations APPROVED**
mohammad
10/4/2021 11:47:54 AM

Quant Time: Oct 01 15:49:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.642 | 152 | 28098 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.407 | 136 | 130369 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.269 | 164 | 69665 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.017 | 188 | 133491 | 0.40 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.227 | 240 | 129105 | 0.40 | ng | # | -0.01 |
| 35) Perylene-d12 | 23.481 | 264 | 132717 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 24317 | 0.34 | ng | | 0.04 |
| 5) Phenol-d6 | 6.831 | 99 | 27372 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.784 | 82 | 27310 | 0.32 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.003 | 152 | 68992 | 0.36 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.766 | 330 | 10094 | 0.32 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.898 | 172 | 81931 | 0.29 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.068 | 212 | 122693 | 0.35 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.678 | 244 | 87599 | 0.31 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.290 | 88 | 6949m | 0.54 | ng | | |
| 3) n-Nitrosodimethylamine | 3.594 | 42 | 8562 | 0.41 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.080 | 93 | 29888 | 0.39 | ng | | 99 |
| 9) Naphthalene | 10.457 | 128 | 125562 | 0.35 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 23547 | 0.35 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.078 | 142 | 85126 | 0.38 | ng | | 99 |
| 16) Acenaphthylene | 13.990 | 152 | 112139 | 0.37 | ng | | 100 |
| 17) Acenaphthene | 14.332 | 154 | 72855 | 0.36 | ng | | 99 |
| 18) Fluorene | 15.322 | 166 | 89218 | 0.37 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198 | 1592 | 0.23 | ng | # | 92 |
| 21) 4-Bromophenyl-phenylether | 16.226 | 248 | 30982 | 0.37 | ng | | 97 |
| 22) Hexachlorobenzene | 16.336 | 284 | 33540 | 0.35 | ng | | 99 |
| 23) Atrazine | 16.506 | 200 | 23873 | 0.40 | ng | | 100 |
| 24) Pentachlorophenol | 16.677 | 266 | 16265 | 0.51 | ng | | 99 |
| 25) Phenanthrene | 17.066 | 178 | 143871 | 0.36 | ng | | 99 |
| 26) Anthracene | 17.151 | 178 | 132138 | 0.38 | ng | | 100 |
| 28) Fluoranthene | 19.098 | 202 | 165783 | 0.38 | ng | | 100 |
| 30) Pyrene | 19.460 | 202 | 168725 | 0.40 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.217 | 228 | 155702 | 0.39 | ng | | 99 |
| 33) Chrysene | 21.270 | 228 | 157722 | 0.39 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149 | 146371 | 0.93 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.757 | 276 | 188958 | 0.40 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.803 | 252 | 168020 | 0.39 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.848 | 252 | 163906 | 0.39 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.382 | 252 | 158288 | 0.42 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.778 | 278 | 149714 | 0.39 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.452 | 276 | 166575 | 0.40 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016636.D
Acq On : 01 Oct 2021 15:19
Operator : CG/JU
Sample : M3990-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

**Manual Integrations APPROVED**
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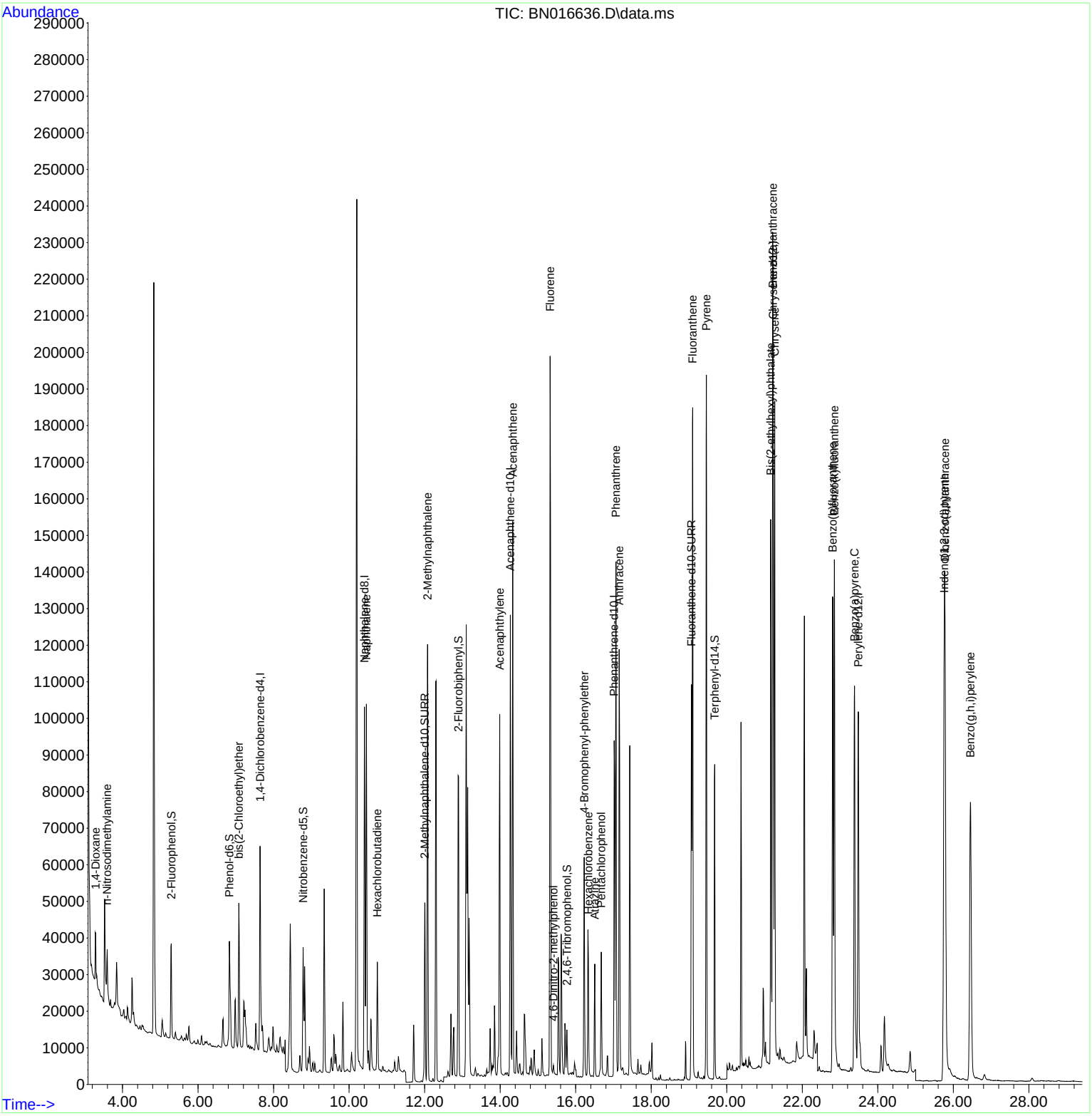
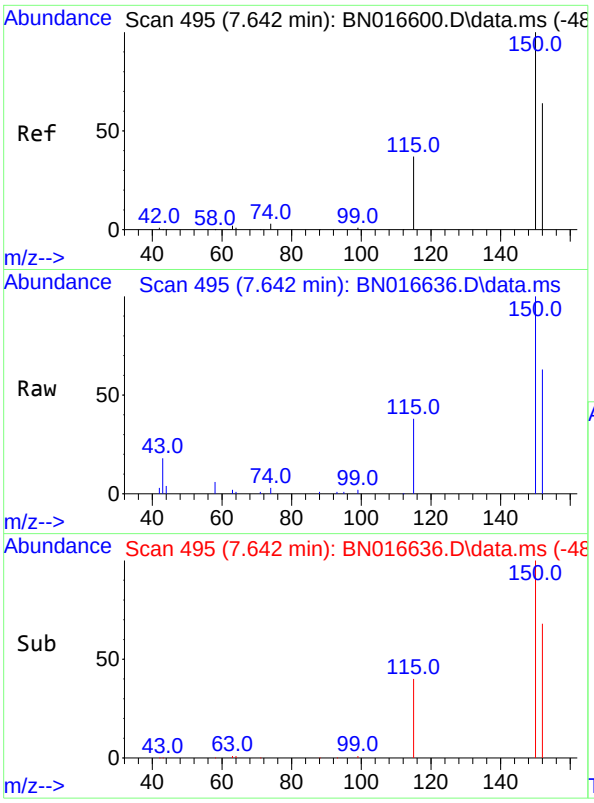
10/4/2021 11:47:54 AM

Quant Time: Oct 01 15:49:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

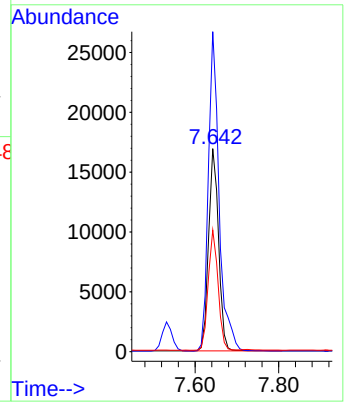





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 28098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 124.6 | 186.8 |
| 115 | 59.9 | 46.5 | 69.7 |




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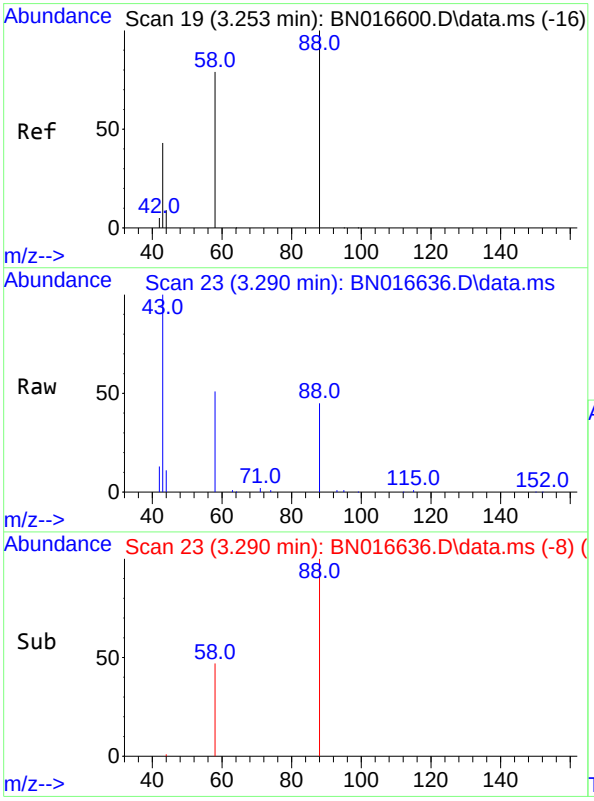
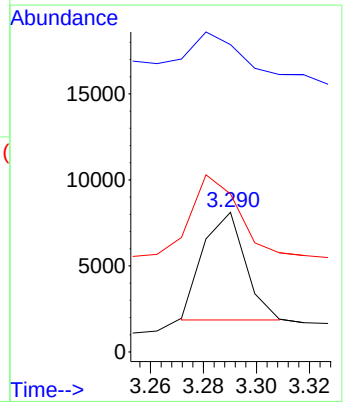
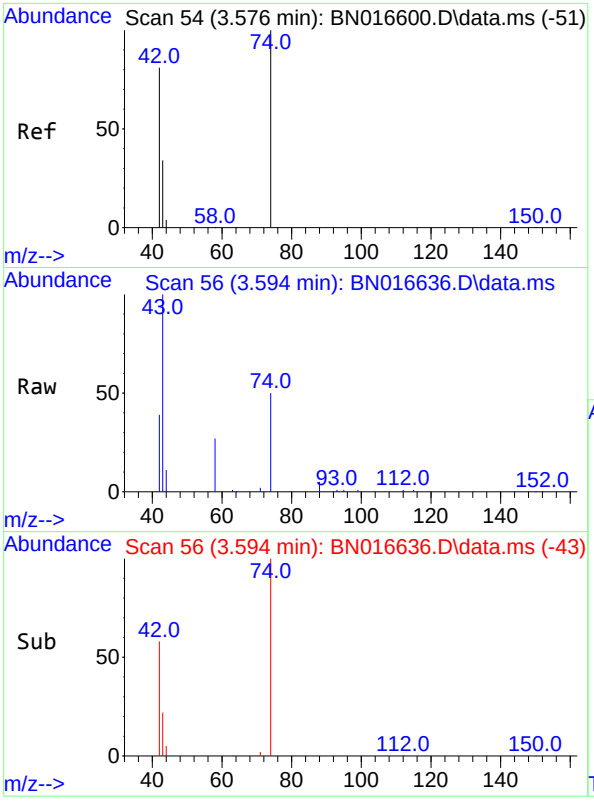



#2
1,4-Dioxane
Concen: 0.54 ng m
RT: 3.290 min Scan# 23
Delta R.T. 0.037 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 88 Resp: 6949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 37.8 | 56.8# |
| 58 | 0.0 | 61.3 | 91.9# |

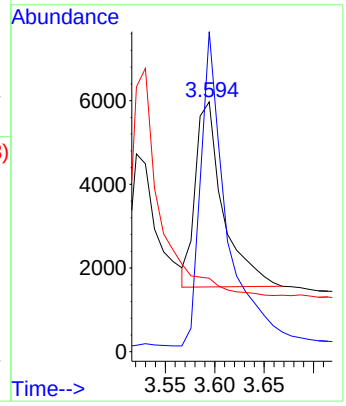





#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.018 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 42 Resp: 8562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 159.9 | 121.6 | 182.4 |
| 44 | 0.0 | 6.3 | 9.5# |




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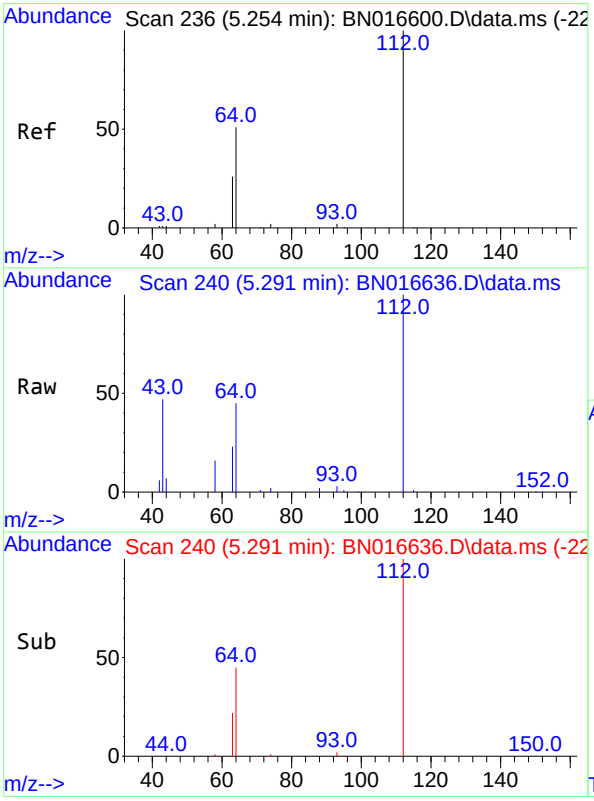
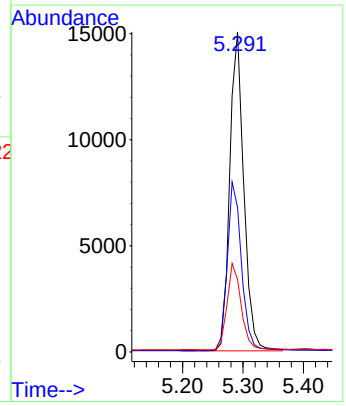
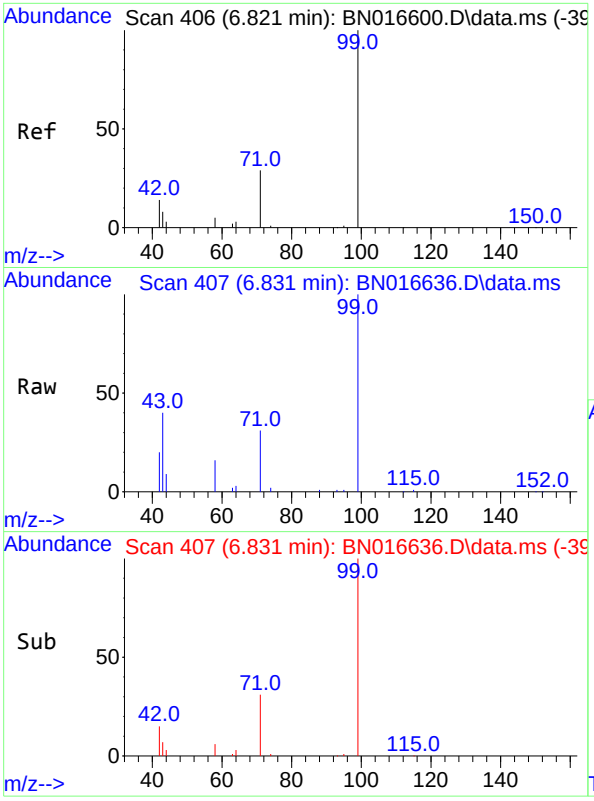



#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.037 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:112 Resp: 24317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.4 | 43.1 | 64.7 |
| 63 | 27.1 | 21.6 | 32.4 |

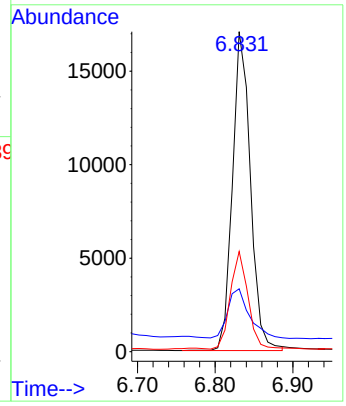





#5
Phenol-d6
Concen: 0.35 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 99 Resp: 27372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 13.0 | 19.6 |
| 71 | 30.1 | 23.5 | 35.3 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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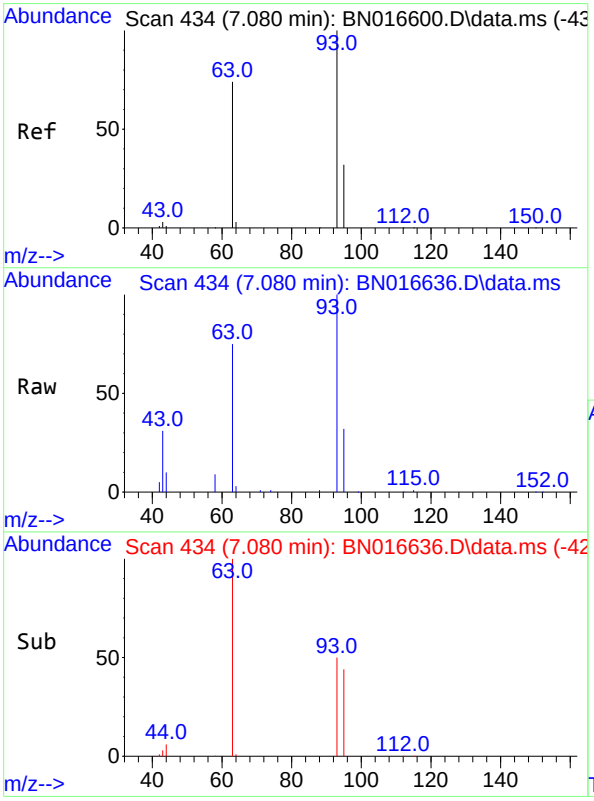
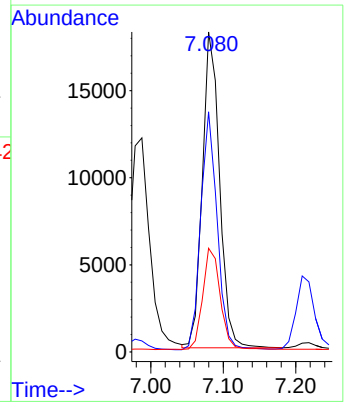
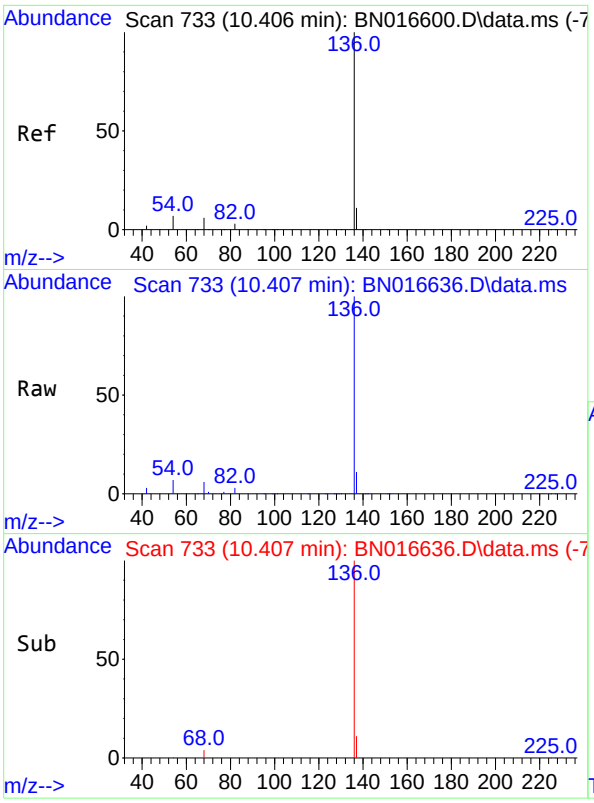



#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 93 Resp: 29888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 72.4 | 59.1 | 88.7 |
| 95 | 33.0 | 26.2 | 39.4 |

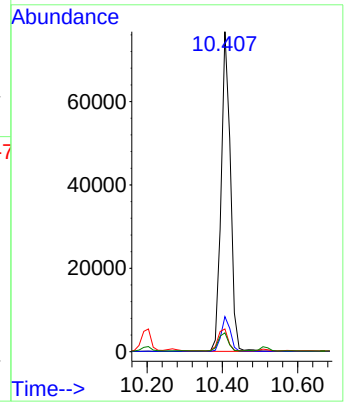


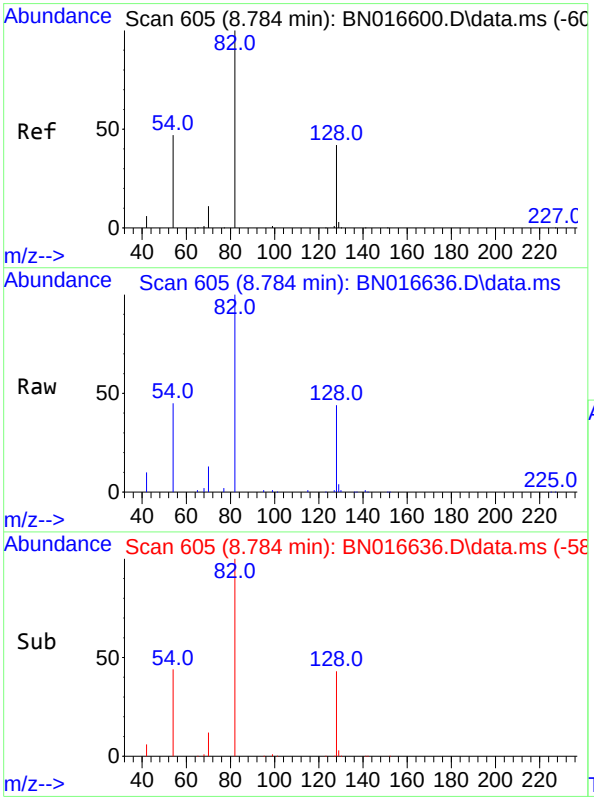



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:136 Resp: 130369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 7.1 | 5.9 | 8.9 |
| 68 | 5.9 | 5.0 | 7.6 |

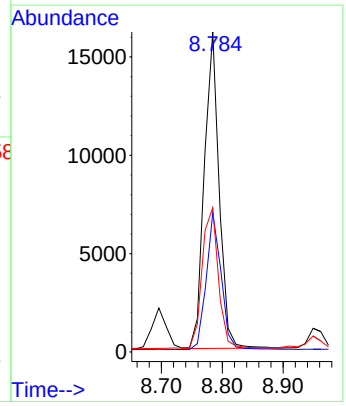



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion: 82 Resp: 27310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 33.6 | 50.4 |
| 54 | 45.1 | 37.6 | 56.4 |




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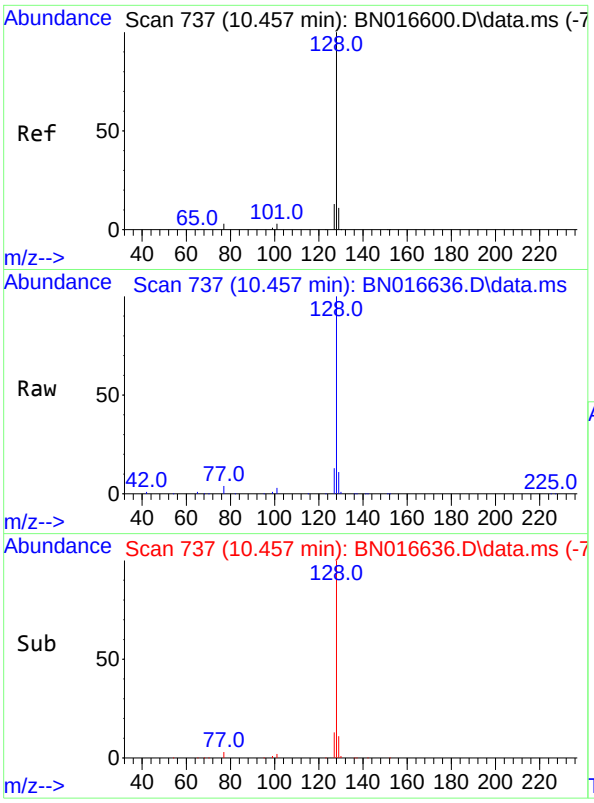
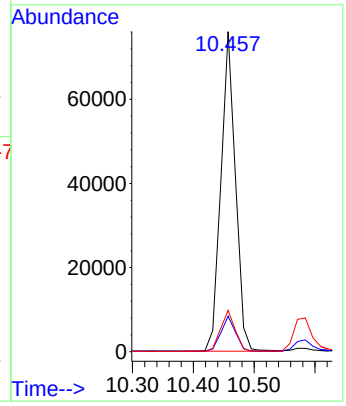
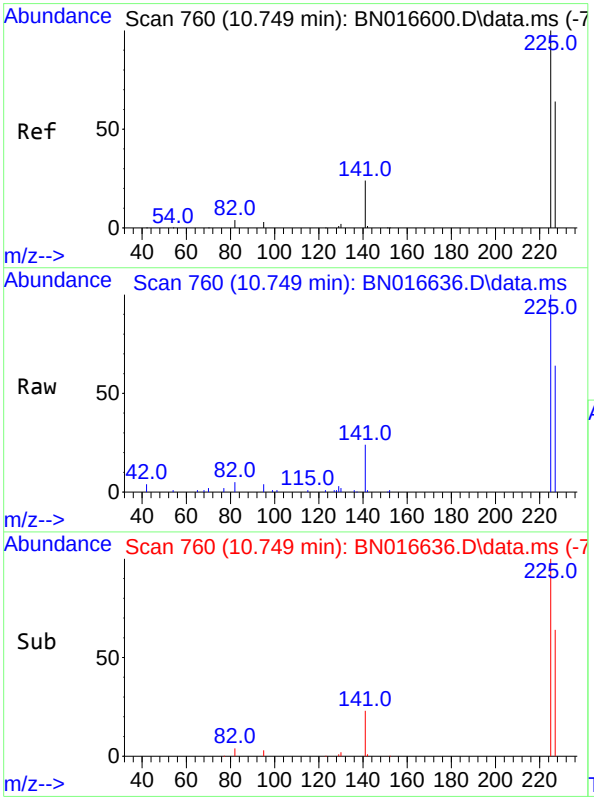



#9
Naphthalene
Concen: 0.35 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:128 Resp: 125562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.8 | 13.2 |
| 127 | 12.9 | 10.3 | 15.5 |

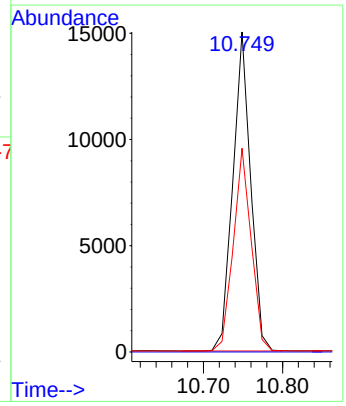



#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:225 Resp: 23547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.8 | 51.0 | 76.6 |




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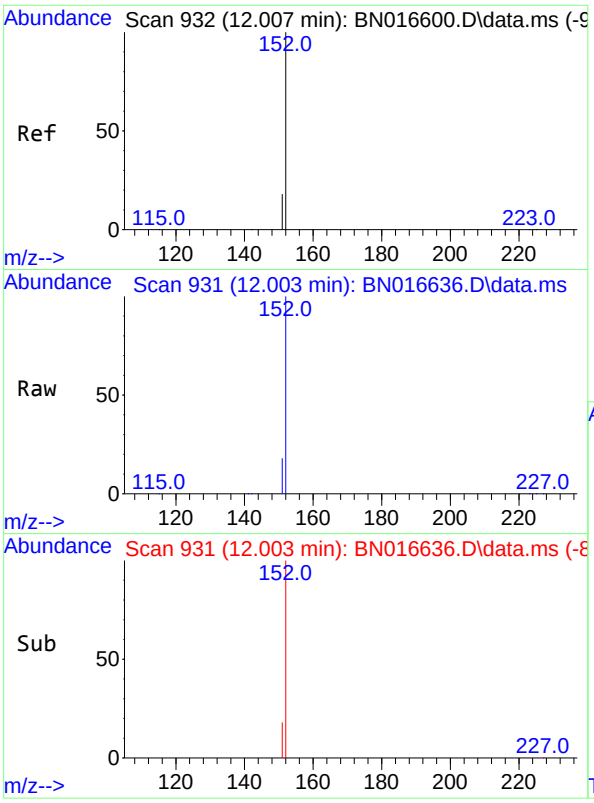
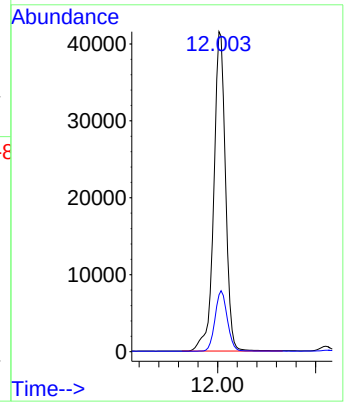
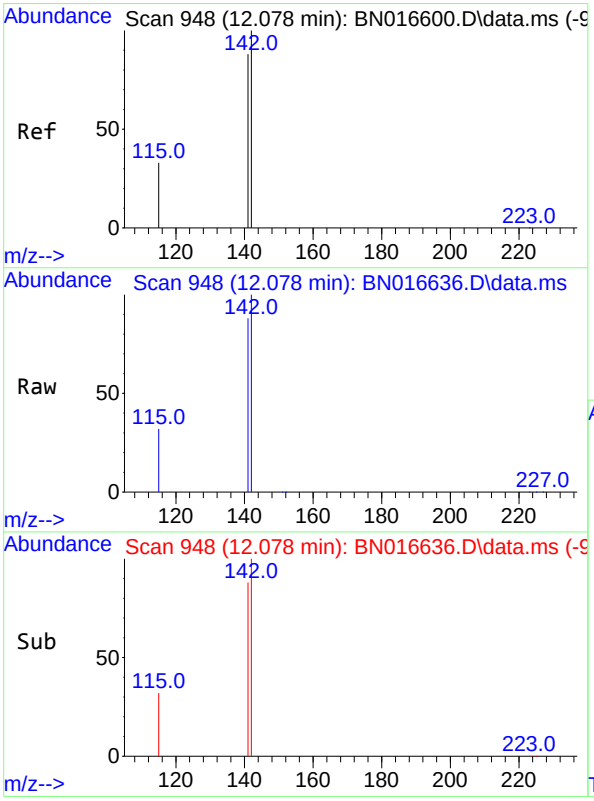



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 68992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.2 | 24.4 |

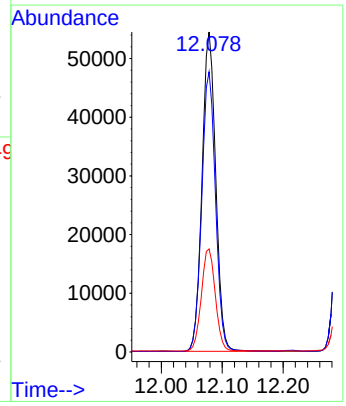



#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:142 Resp: 85126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.5 | 70.6 | 105.8 |
| 115 | 32.2 | 26.6 | 39.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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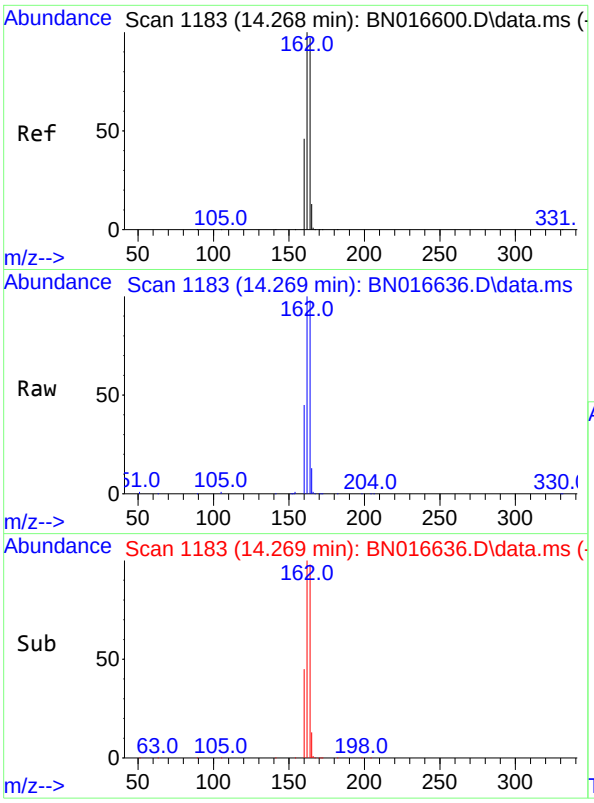
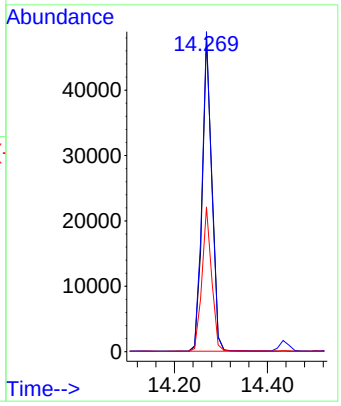
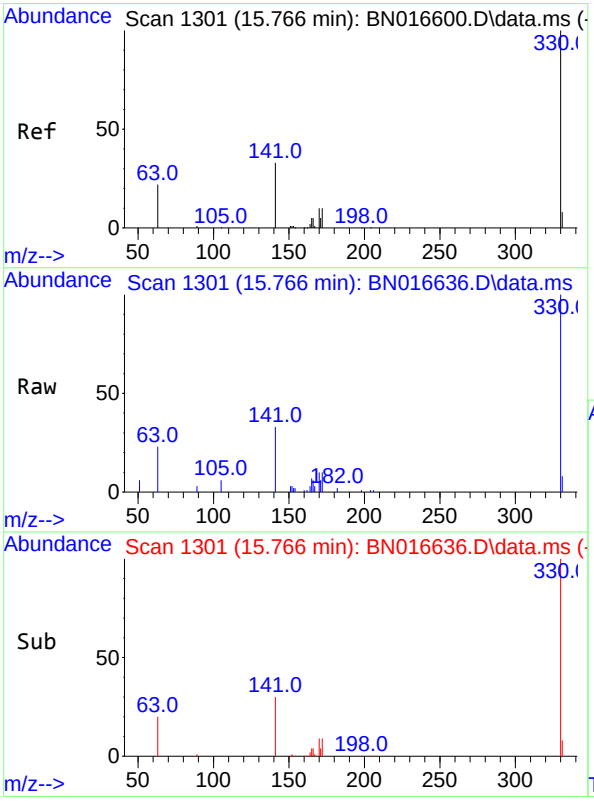



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:164 Resp: 69665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 82.2 | 123.2 |
| 160 | 46.2 | 37.7 | 56.5 |

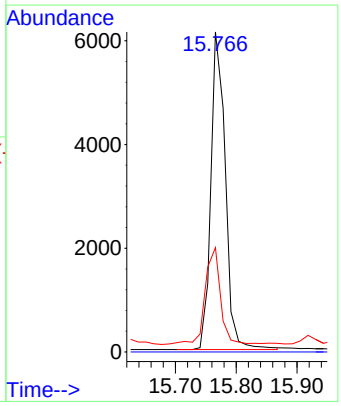



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:330 Resp: 10094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 31.7 | 25.2 | 37.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

**Manual Integrations APPROVED**
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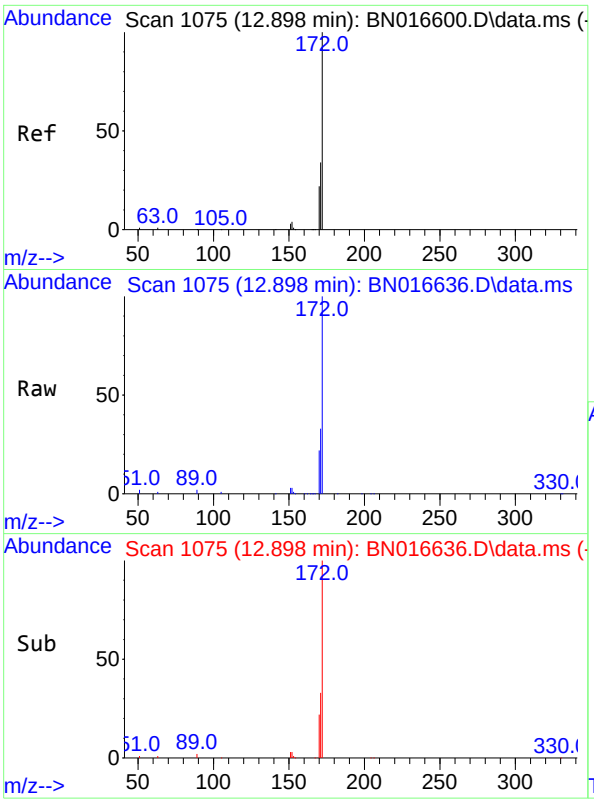
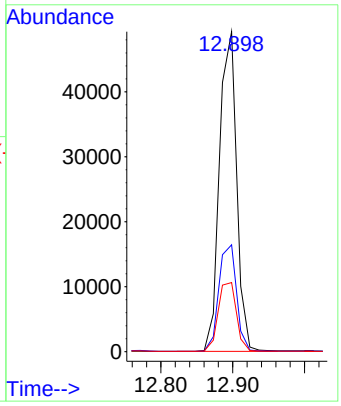
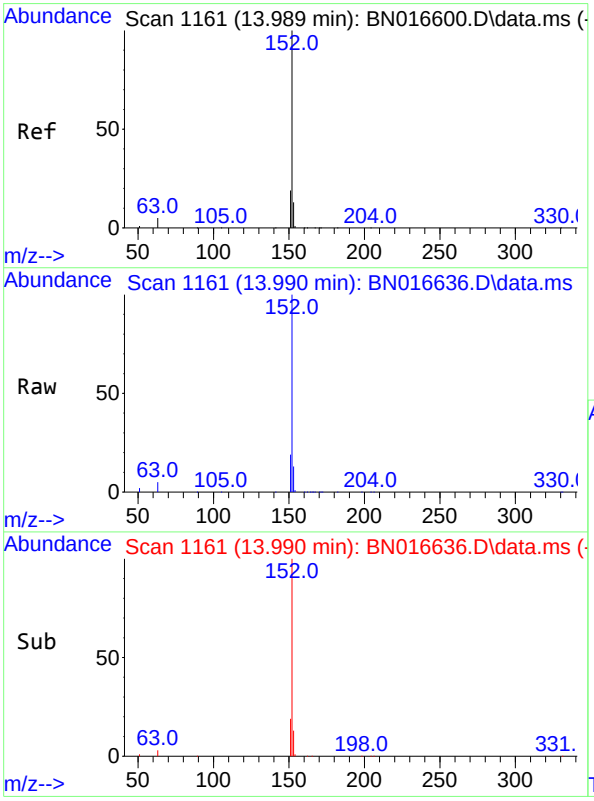



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:172 Resp: 81931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.4 | 27.0 | 40.4 |
| 170 | 21.6 | 17.4 | 26.2 |

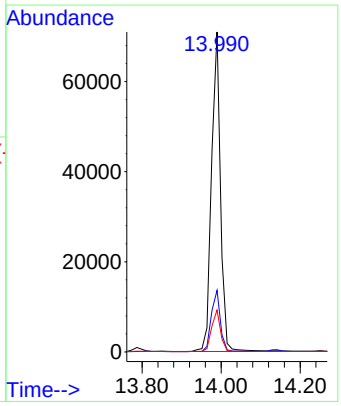



#16
Acenaphthylene
Concen: 0.37 ng
RT: 13.990 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:152 Resp: 112139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.5 | 23.3 |
| 153 | 13.0 | 10.4 | 15.6 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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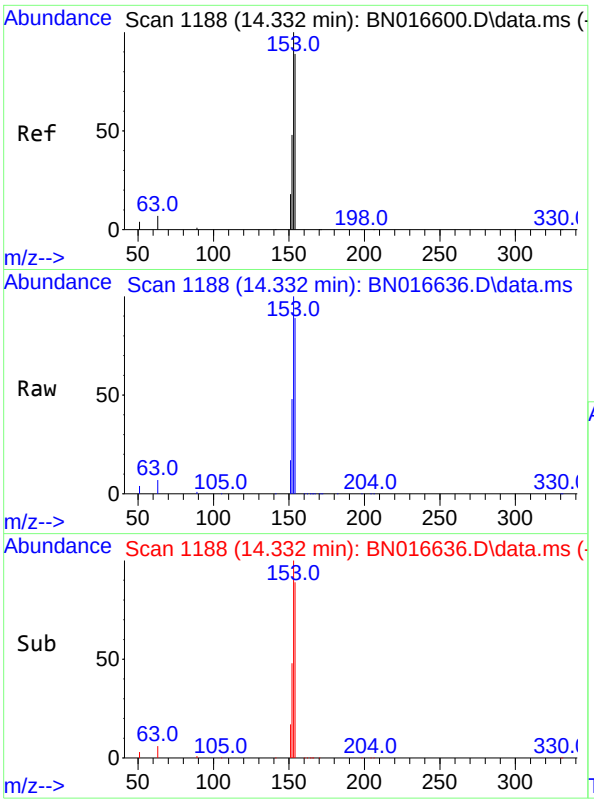
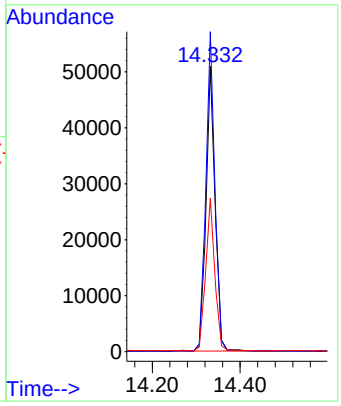



#17
Acenaphthene
Concen: 0.36 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:154 Resp: 72855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.2 | 135.2 |
| 152 | 54.2 | 44.0 | 66.0 |




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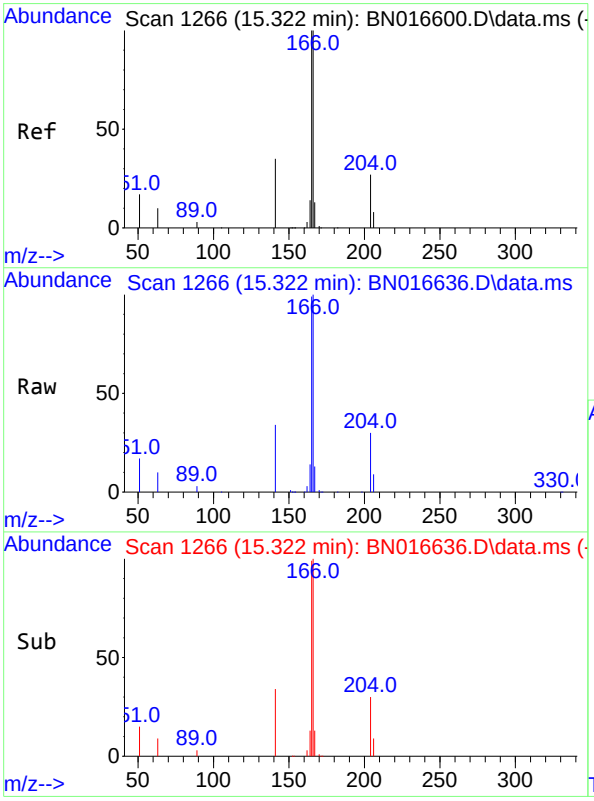
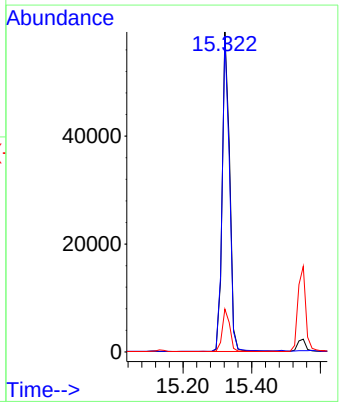
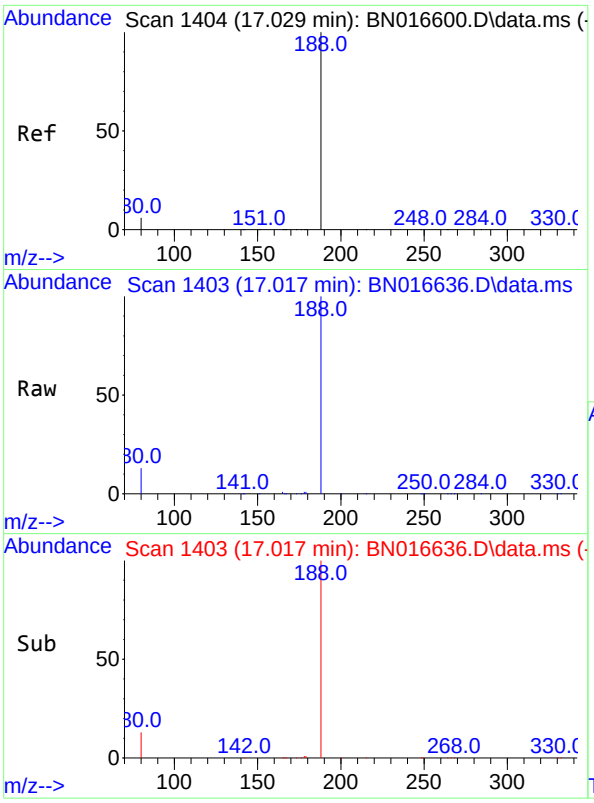



#18
Fluorene
Concen: 0.37 ng
RT: 15.322 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:166 Resp: 89218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 77.9 | 116.9 |
| 167 | 13.6 | 10.7 | 16.1 |

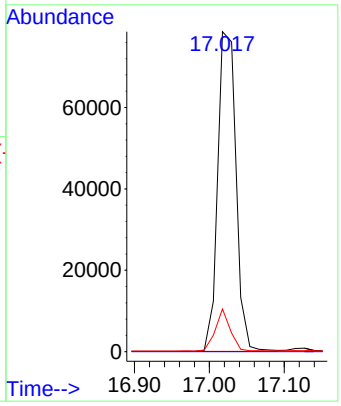





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:188 Resp: 133491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.3 | 5.0 | 7.6# |




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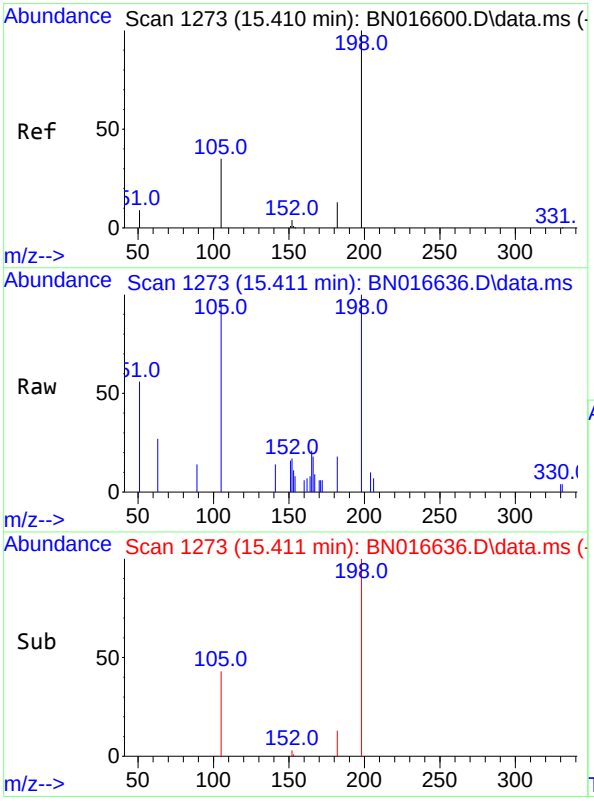
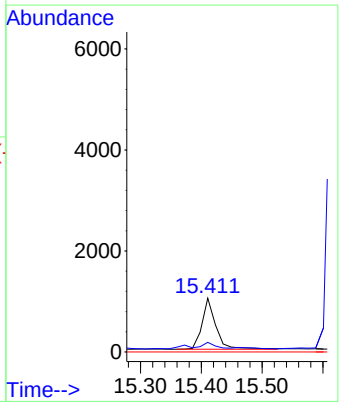
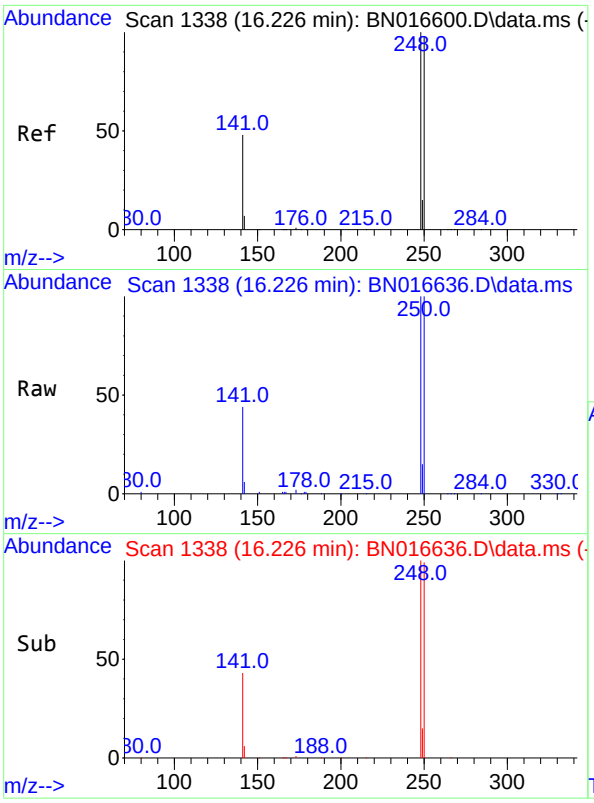



#20
4,6-Dinitro-2-methylphenol
Concen: 0.23 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:198 Resp: 1592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 18.0 | 11.8 | 17.8# |
| 77 | 0.0 | 0.0 | 0.0 |

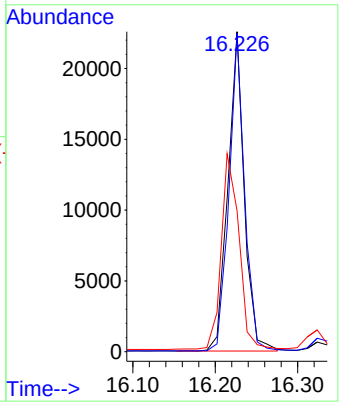





#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.226 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:248 Resp: 30982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.5 | 78.6 | 117.8 |
| 141 | 44.1 | 38.6 | 57.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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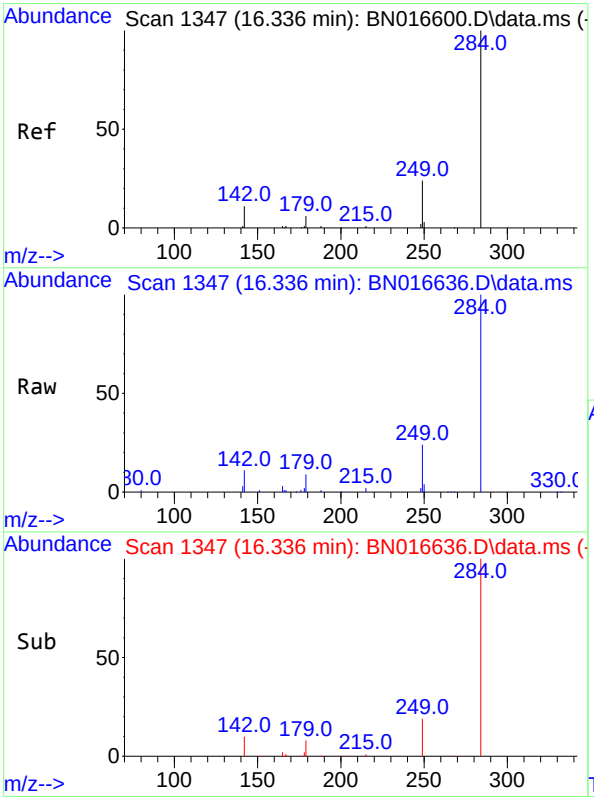
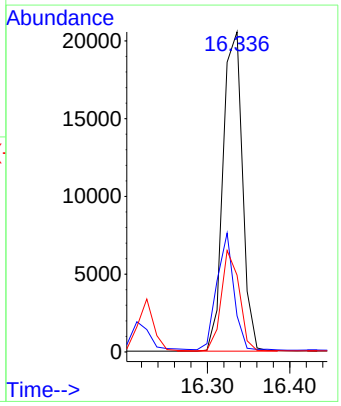
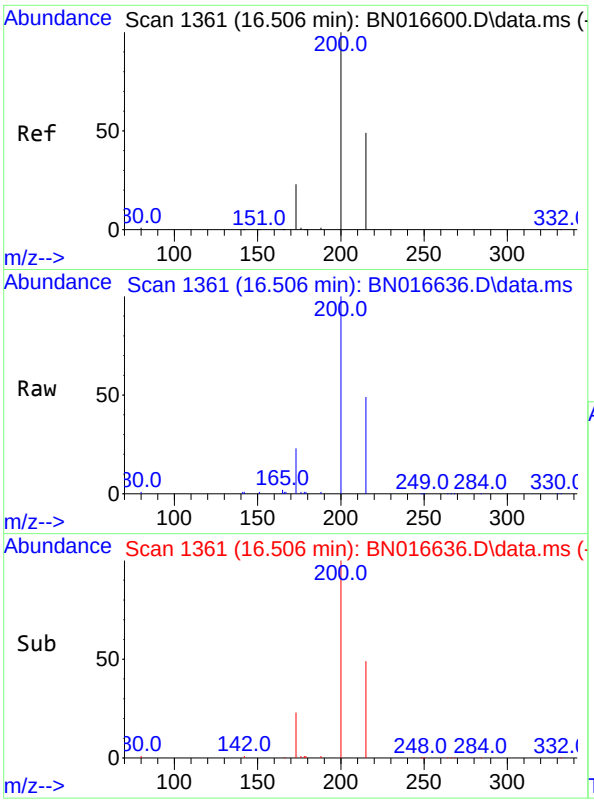



#22
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.336 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:284 Resp: 33540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.1 | 26.4 | 39.6 |
| 249 | 29.3 | 23.4 | 35.2 |

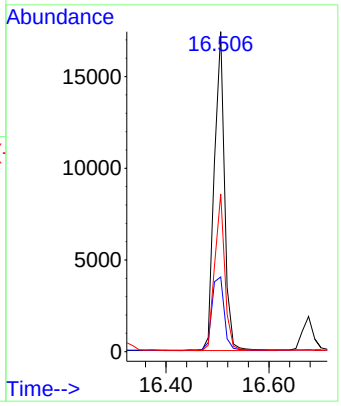





#23
Atrazine
Concen: 0.40 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:200 Resp: 23873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.4 | 18.6 | 27.8 |
| 215 | 49.3 | 39.4 | 59.2 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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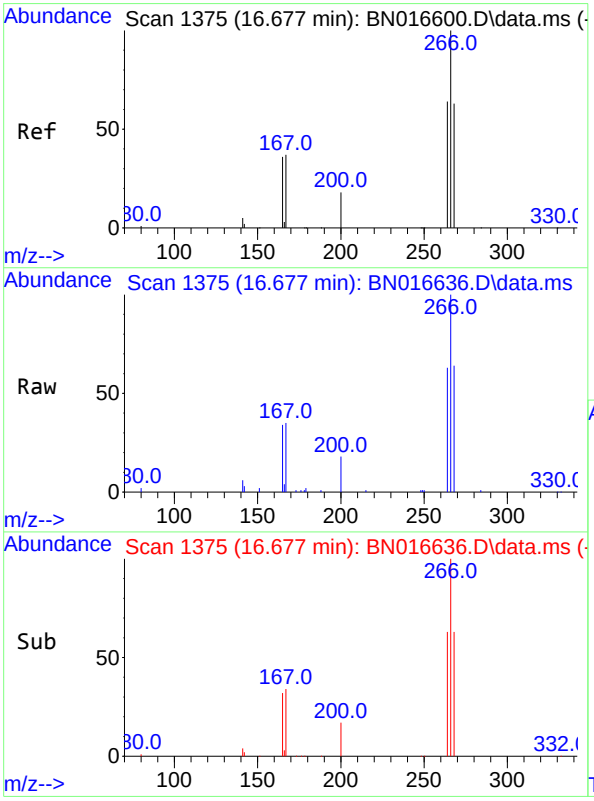
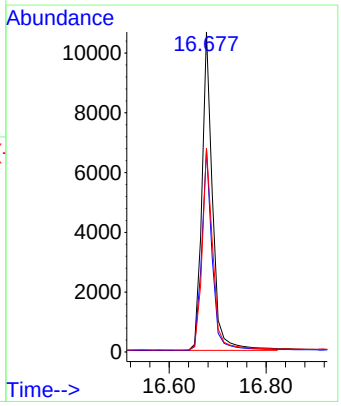
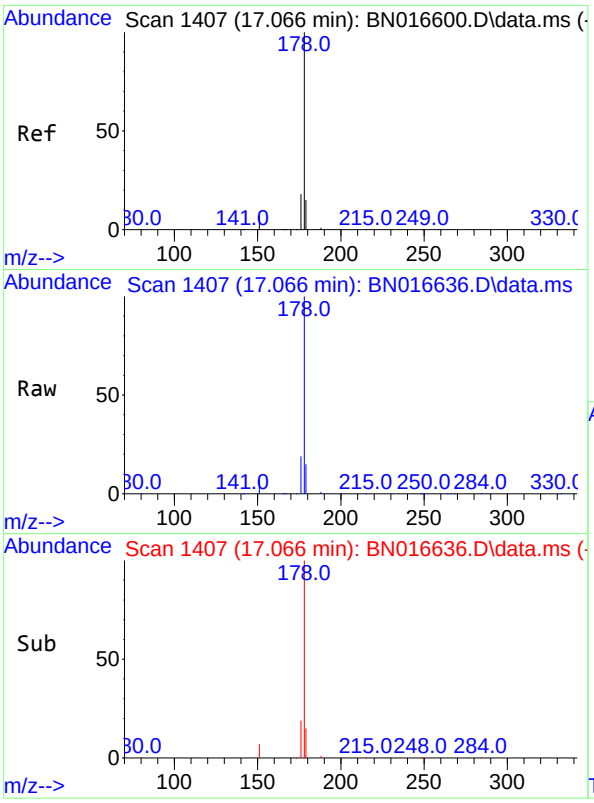



#24
Pentachlorophenol
Concen: 0.51 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:266 Resp: 16265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.0 | 49.8 | 74.6 |
| 268 | 64.0 | 51.4 | 77.2 |

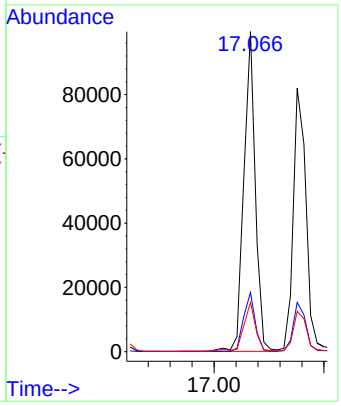


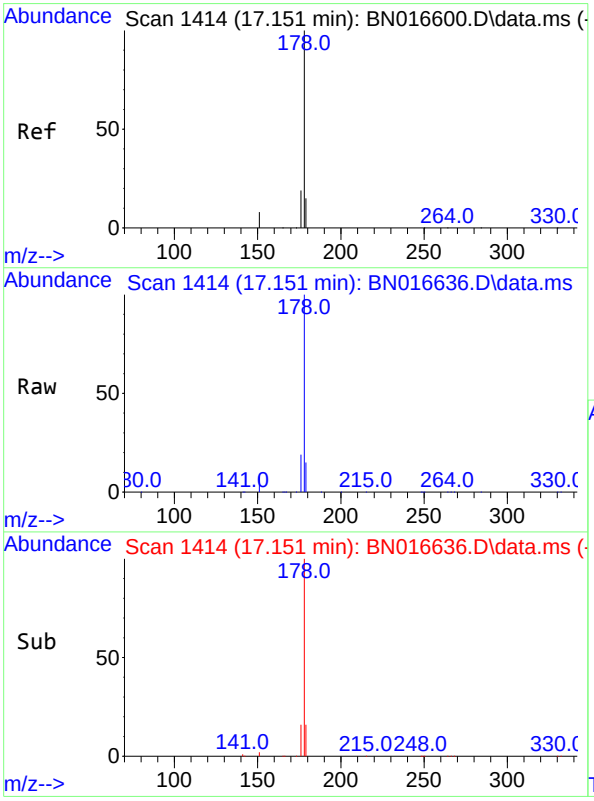



#25
Phenanthrene
Concen: 0.36 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:178 Resp: 143871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.0 | 22.4 |
| 179 | 15.9 | 12.2 | 18.4 |

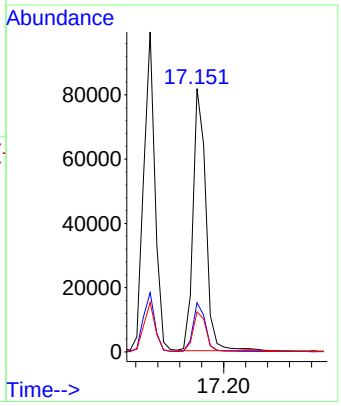



#26
Anthracene
Concen: 0.38 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:178 Resp: 132138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.6 | 21.8 |
| 179 | 15.1 | 12.2 | 18.4 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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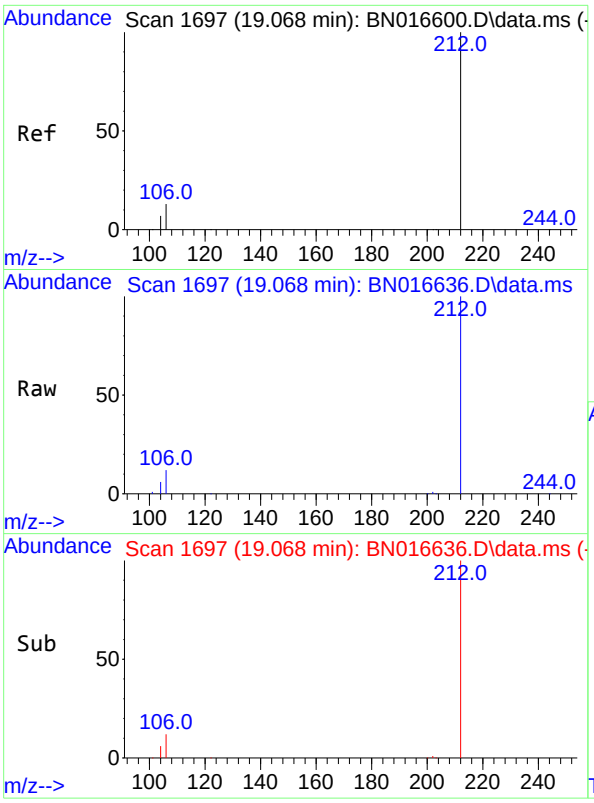
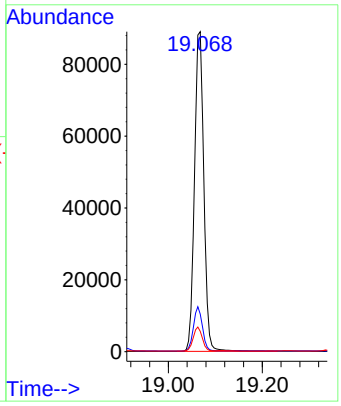



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:212 Resp: 122693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.3 | 10.6 | 16.0 |
| 104 | 7.2 | 5.9 | 8.9 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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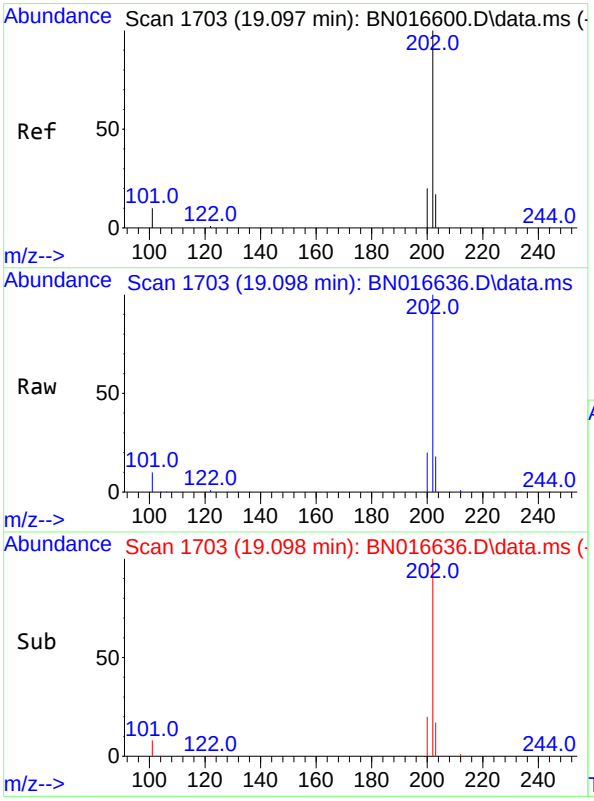
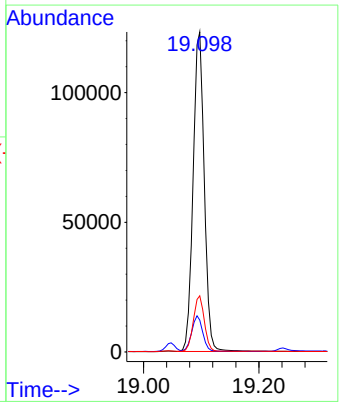
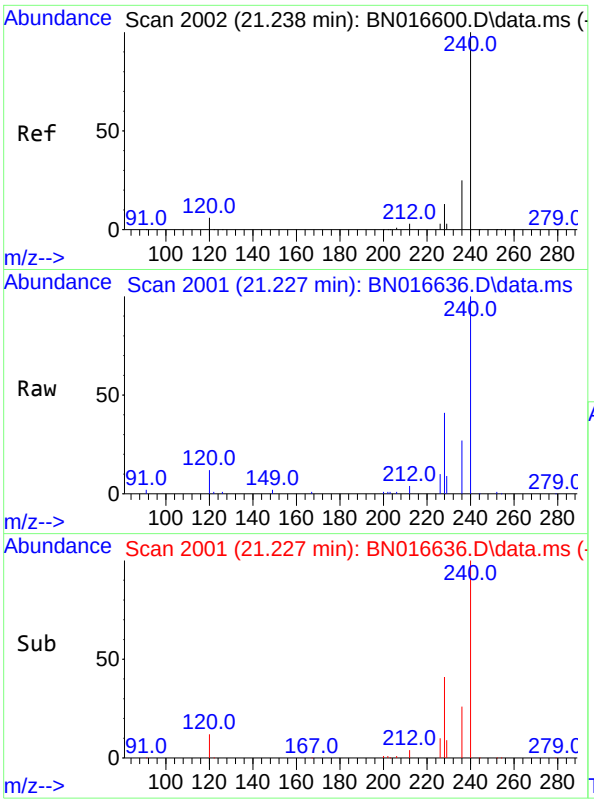



#28
Fluoranthene
Concen: 0.38 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:202 Resp: 165783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 9.0 | 13.4 |
| 203 | 17.1 | 13.8 | 20.6 |

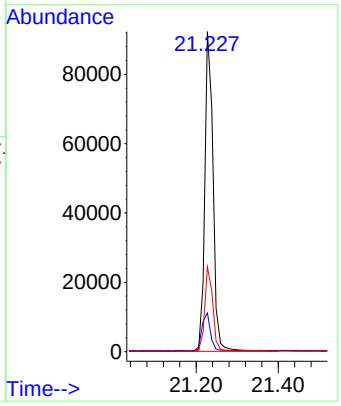





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:240 Resp: 129105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 5.0 | 7.4# |
| 236 | 26.5 | 20.4 | 30.6 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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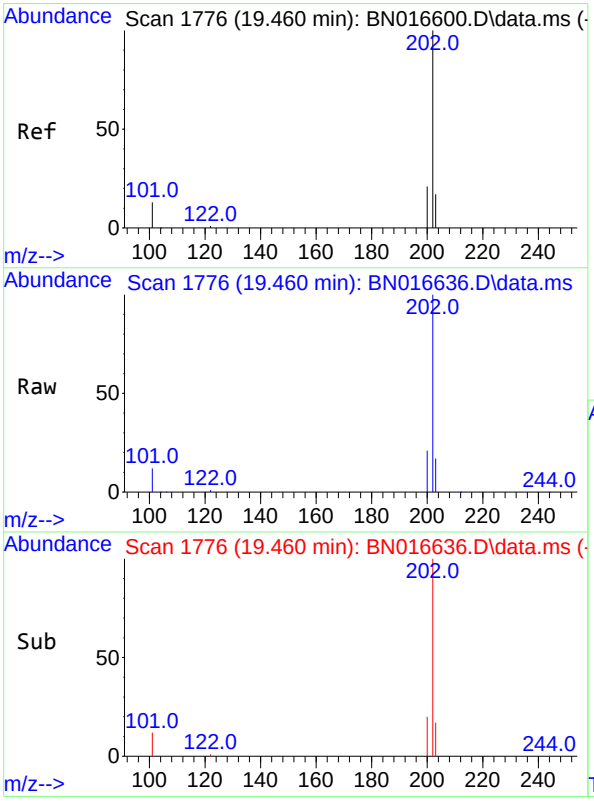
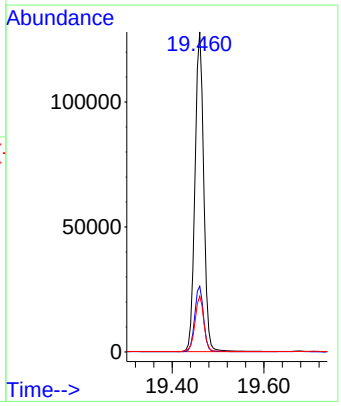
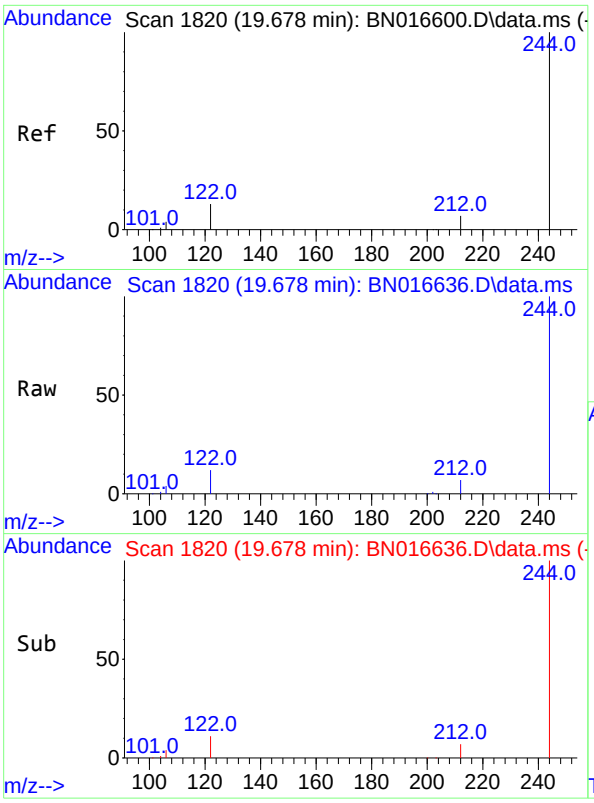



#30
Pyrene
Concen: 0.40 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:202 Resp: 168725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.5 | 24.7 |
| 203 | 17.7 | 14.0 | 21.0 |

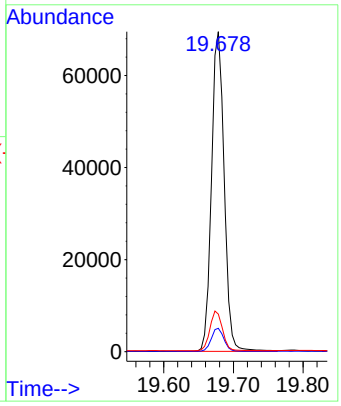


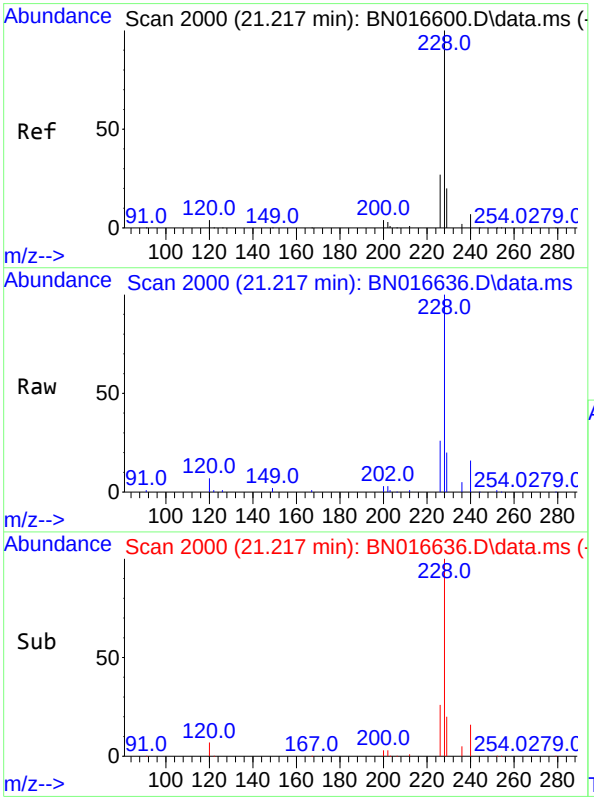



#31
Terphenyl-d14
Concen: 0.31 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:244 Resp: 87599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 11.8 | 10.1 | 15.1 |

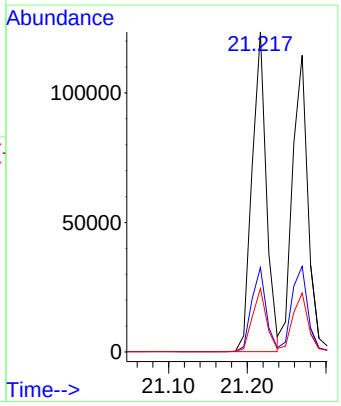



#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:228 Resp: 155702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.4 | 21.9 | 32.9 |
| 229 | 19.8 | 15.7 | 23.5 |




**Instrument :**
BNA_N
**ClientSampleId :**
S-836-K1-SO-1-1.5-092921MSD

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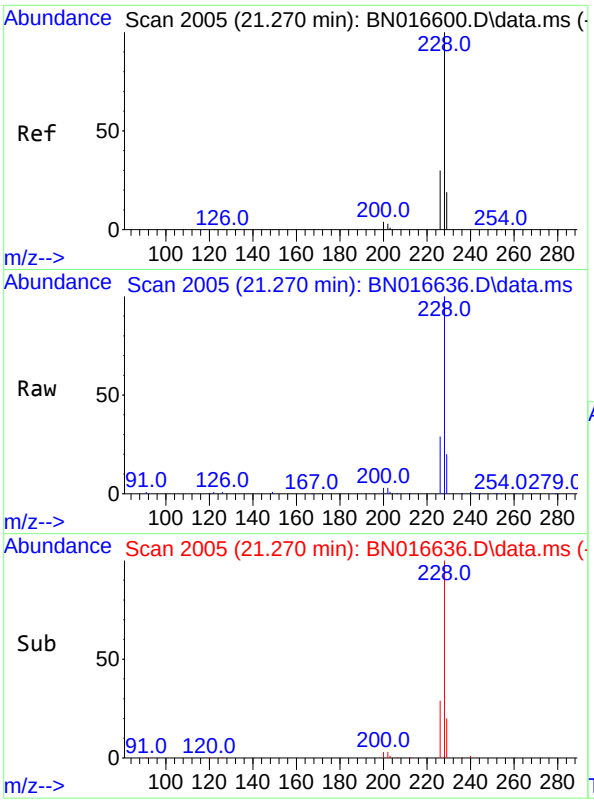
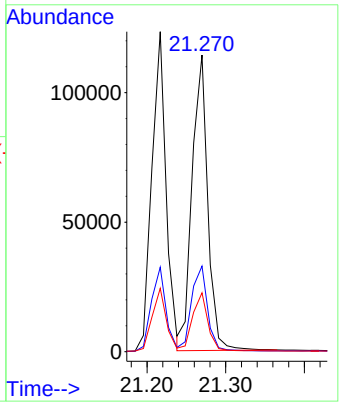



#33
Chrysene
Concen: 0.39 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:228 Resp: 157722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 23.7 | 35.5 |
| 229 | 19.8 | 15.5 | 23.3 |




**Instrument :**
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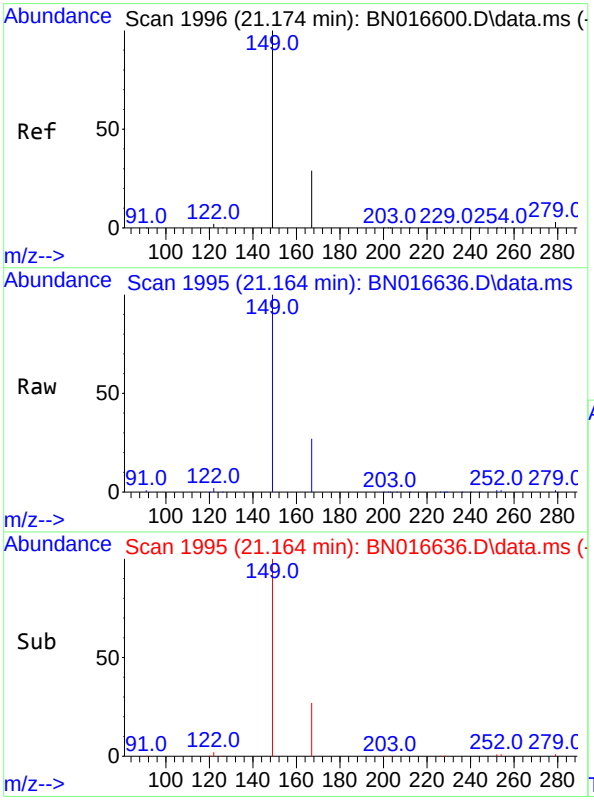
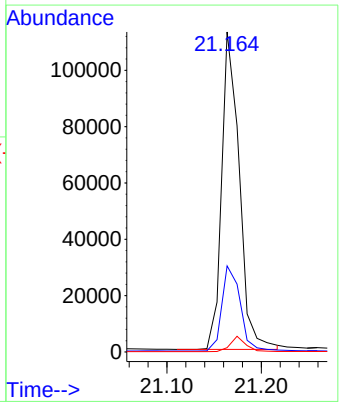
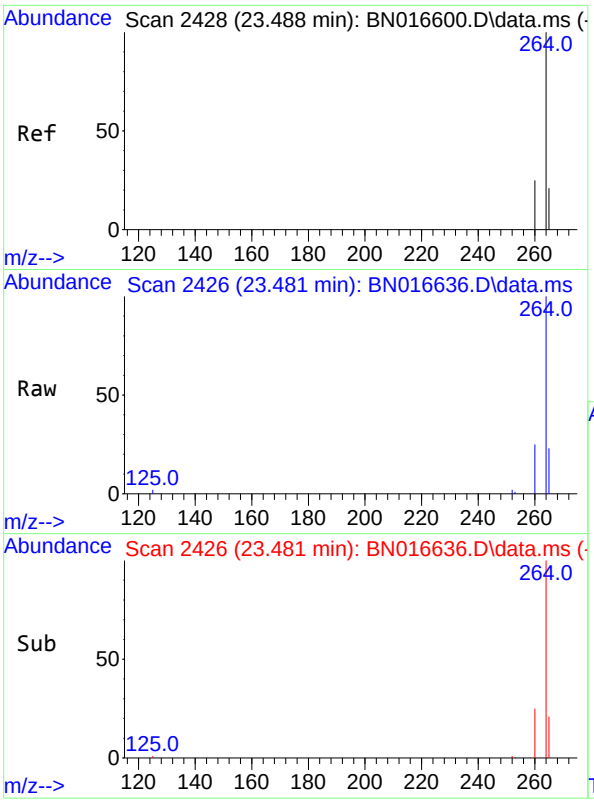



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.93 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:149 Resp: 146371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.2 | 33.4 |
| 279 | 4.2 | 3.2 | 4.8 |

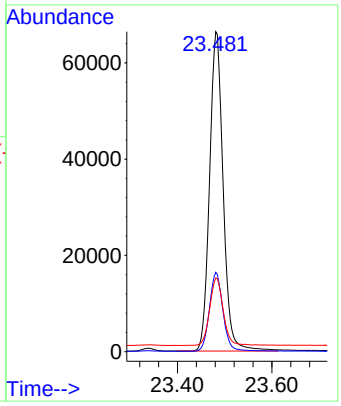


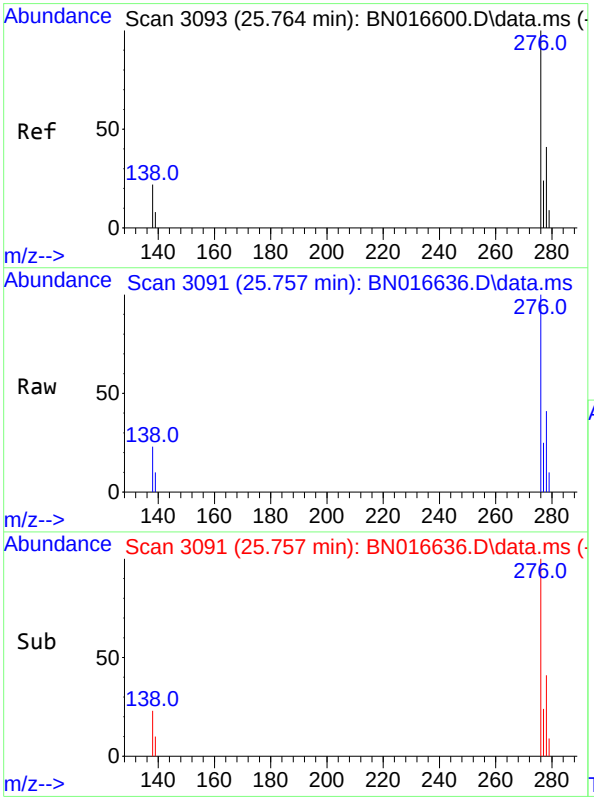



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:264 Resp: 132717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.9 | 29.9 |
| 265 | 23.1 | 19.2 | 28.8 |

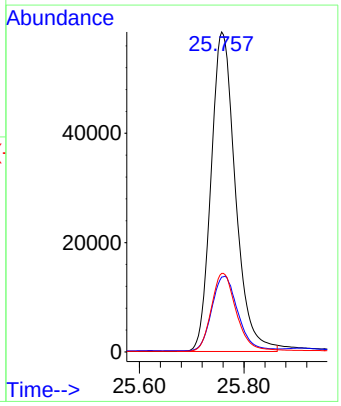



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.757 min Scan# 3091
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:276 Resp: 188958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.9 | 19.5 | 29.3 |
| 277 | 24.9 | 19.9 | 29.9 |




**Instrument :**
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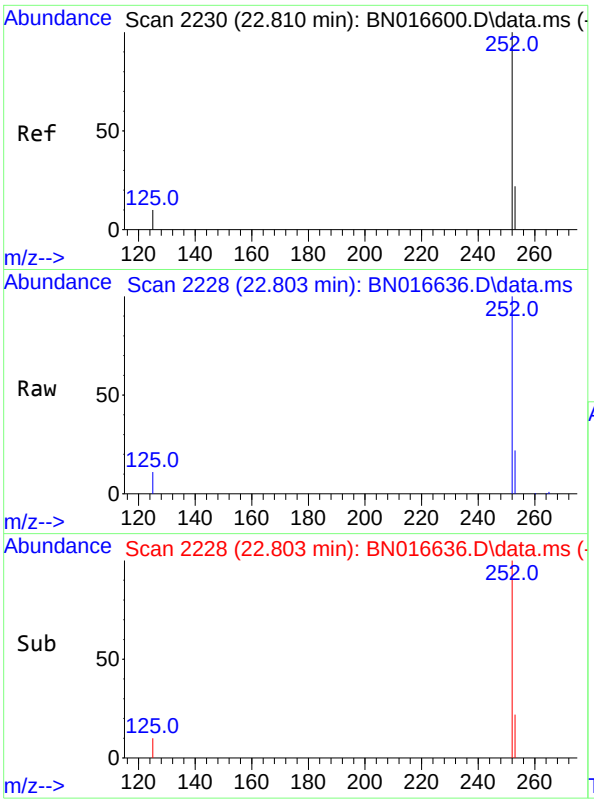
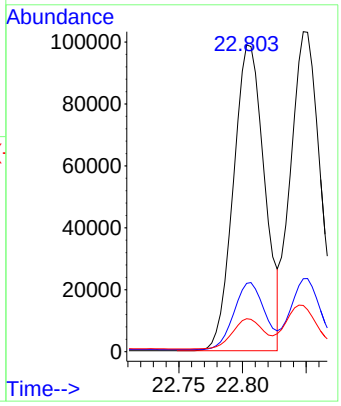
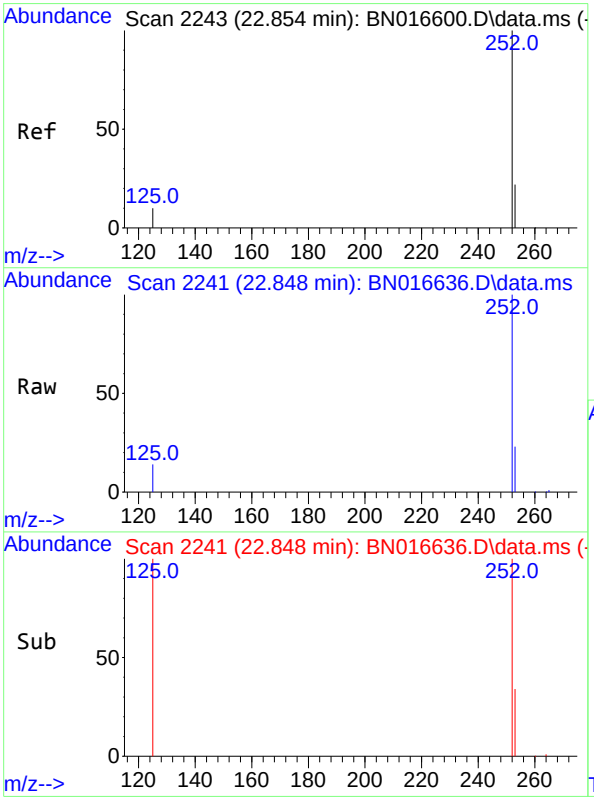



#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 168020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 10.8 | 8.0 | 12.0 |

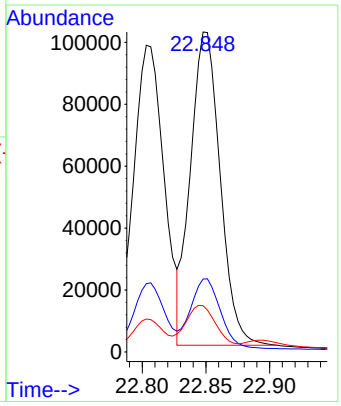



#38
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 163906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.8 | 26.6 |
| 125 | 14.5 | 8.0 | 12.0# |




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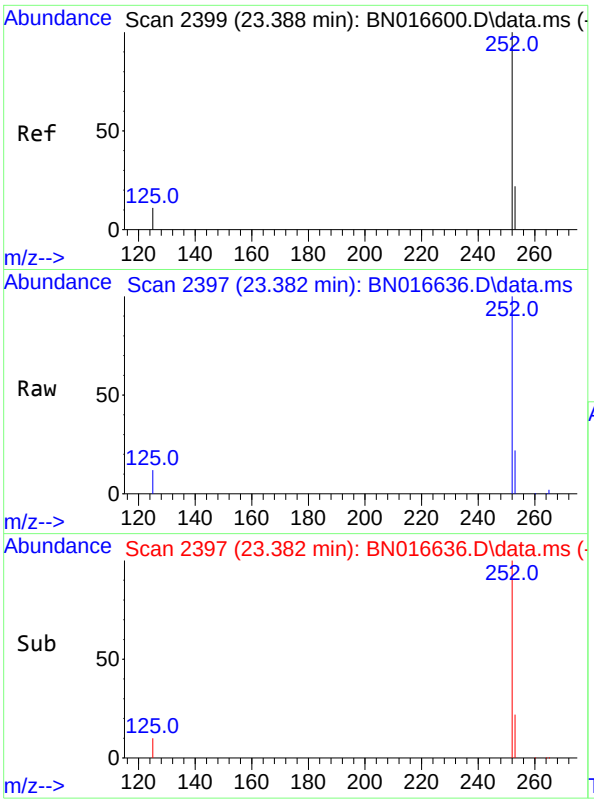
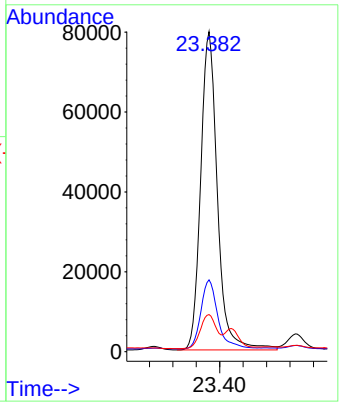
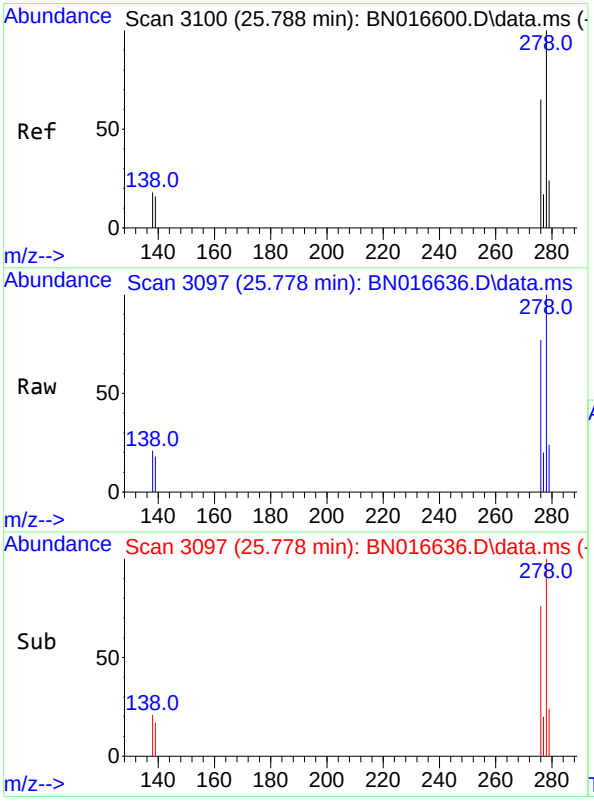



#39
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.382 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:252 Resp: 158288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.8 |
| 125 | 11.6 | 9.0 | 13.4 |

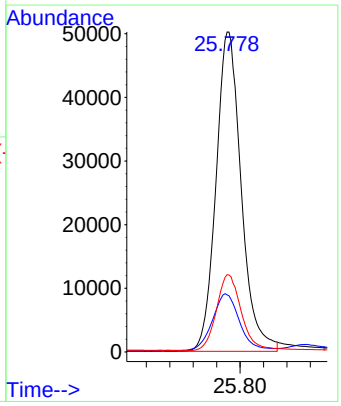



#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:278 Resp: 149714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 13.1 | 19.7 |
| 279 | 24.1 | 19.1 | 28.7 |




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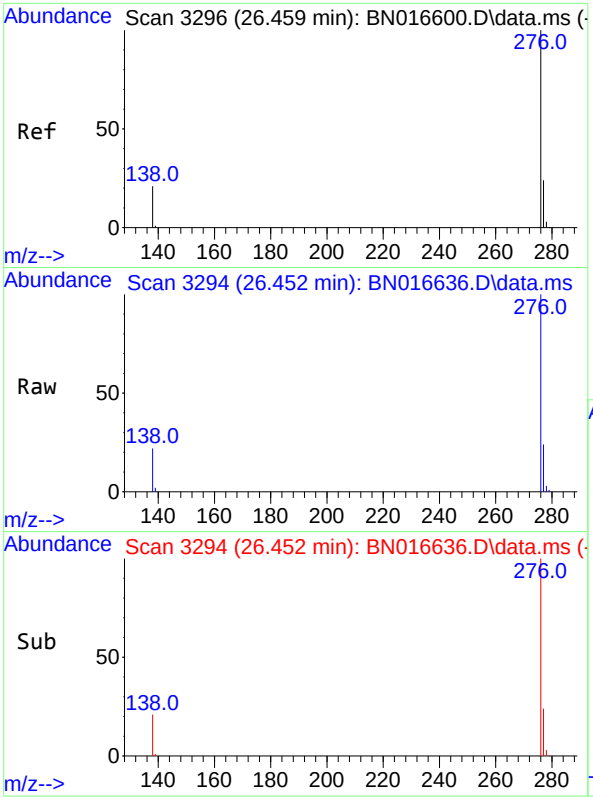
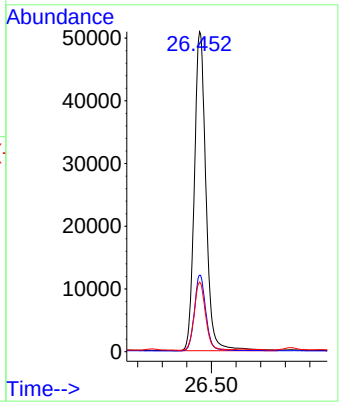



#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.452 min Scan# 3294
Delta R.T. -0.007 min
Lab File: BN016636.D
Acq: 01 Oct 2021 15:19

Tgt Ion:276 Resp: 166575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.0 | 28.6 |
| 138 | 21.8 | 16.9 | 25.3 |




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