Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017555.D
Acq On : 22 Nov 2021 21:22
Operator : CG/JU
Sample : M4801-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Quant Time: Nov 23 02:40:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.865 | 152 | 29743 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.649 | 136 | 137622 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.486 | 164 | 73084 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.226 | 188 | 139661 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.409 | 240 | 117259 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.777 | 264 | 104413 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.477 | 112 | 25055 | 0.340 | ng | | 0.03 |
| 5) Phenol-d6 | 7.035 | 99 | 29614 | 0.356 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.001 | 82 | 30764 | 0.339 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.240 | 152 | 71926 | 0.314 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.970 | 330 | 7491 | 0.334 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.116 | 172 | 86540 | 0.318 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.258 | 212 | 134326 | 0.313 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.859 | 244 | 87244 | 0.339 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.725 | 42 | 12272 | 0.418 | ng | # | 89 |
| 6) bis(2-Chloroethyl)ether | 7.284 | 93 | 36534 | 0.430 | ng | | 96 |
| 9) Naphthalene | 10.700 | 128 | 139566 | 0.400 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.004 | 225 | 27298 | 0.396 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.311 | 142 | 94073 | 0.419 | ng | | 98 |
| 16) Acenaphthylene | 14.194 | 152 | 130288 | 0.447 | ng | | 99 |
| 17) Acenaphthene | 14.537 | 154 | 82108 | 0.408 | ng | | 99 |
| 18) Fluorene | 15.526 | 166 | 102928 | 0.424 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.602 | 198 | 1726 | 0.385 | ng | | 97 |
| 21) 4-Bromophenyl-phenylether | 16.423 | 248 | 36099 | 0.471 | ng | # | 70 |
| 22) Hexachlorobenzene | 16.544 | 284 | 32658 | 0.394 | ng | | 94 |
| 23) Atrazine | 16.678 | 200 | 29020 | 0.571 | ng | # | 88 |
| 24) Pentachlorophenol | 16.873 | 266 | 3276 | 0.288 | ng | | 99 |
| 25) Phenanthrene | 17.262 | 178 | 200491 | 0.513 | ng | | 99 |
| 26) Anthracene | 17.360 | 178 | 160598 | 0.481 | ng | | 100 |
| 28) Fluoranthene | 19.288 | 202 | 256604 | 0.594 | ng | | 100 |
| 30) Pyrene | 19.645 | 202 | 247407 | 0.624 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.399 | 228 | 203219 | 0.557 | ng | | 99 |
| 33) Chrysene | 21.452 | 228 | 194354 | 0.499 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.335 | 149 | 172916 | 0.992 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.221 | 276 | 148766 | 0.467 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.062 | 252 | 201013 | 0.529 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.109 | 252 | 164713 | 0.447 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.674 | 252 | 168193 | 0.537 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 26.238 | 278 | 109078 | 0.417 | ng | # | 96 |
| 41) Benzo(g,h,i)perylene | 26.967 | 276 | 130001 | 0.476 | ng | | 97 |

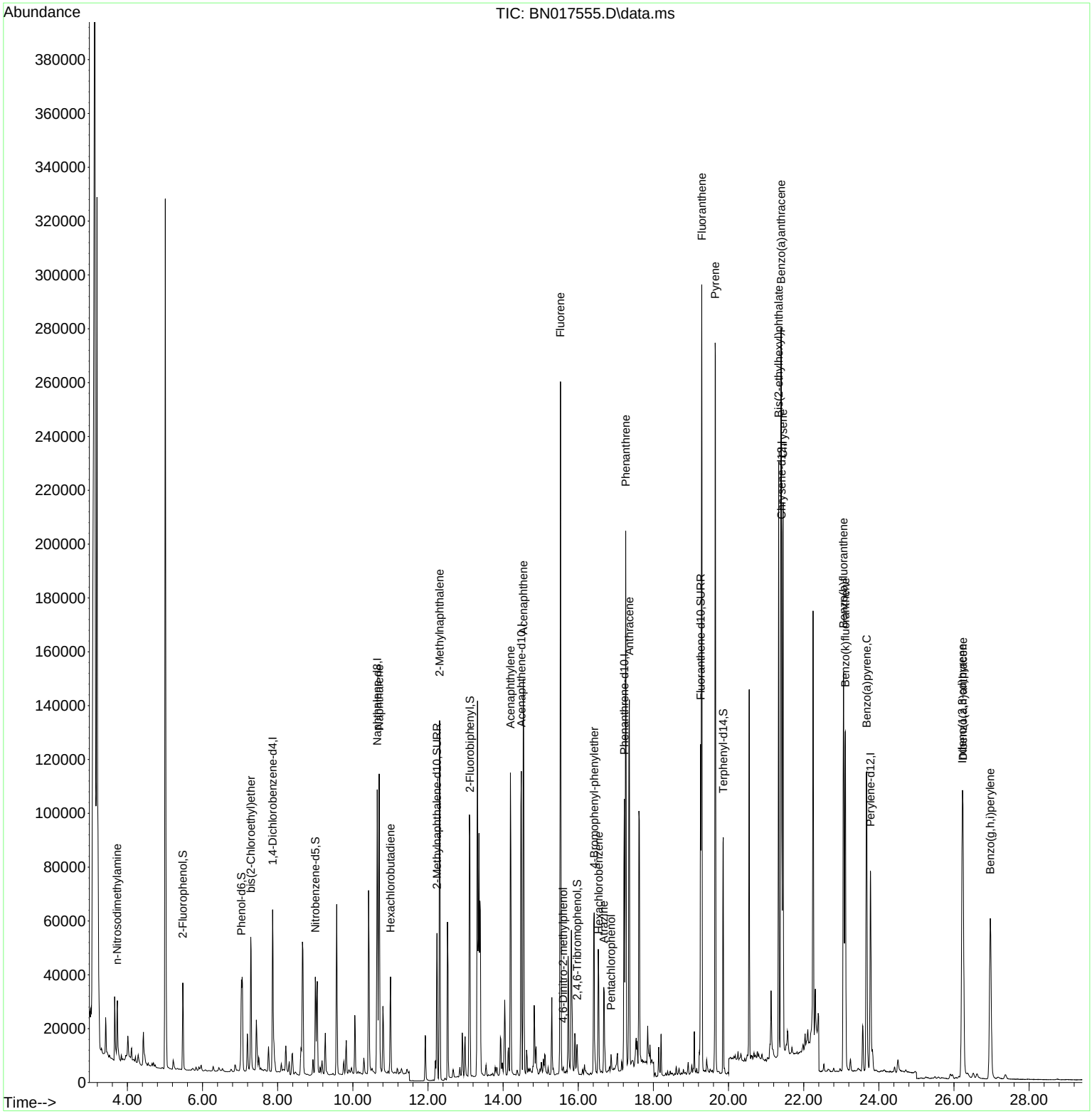
(#) = qualifier out of range (m) = manual integration (+) = signals summed

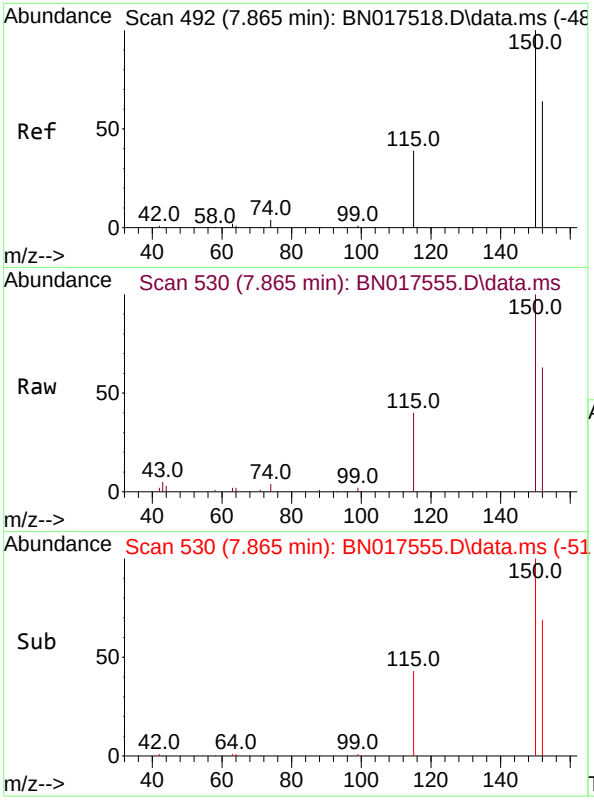
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017555.D
Acq On : 22 Nov 2021 21:22
Operator : CG/JU
Sample : M4801-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Quant Time: Nov 23 02:40:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration



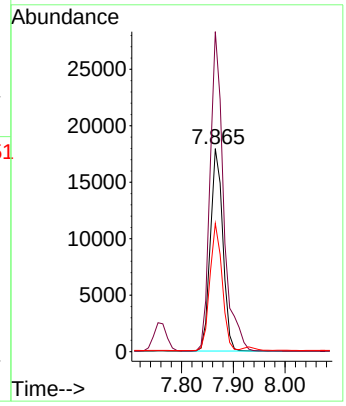


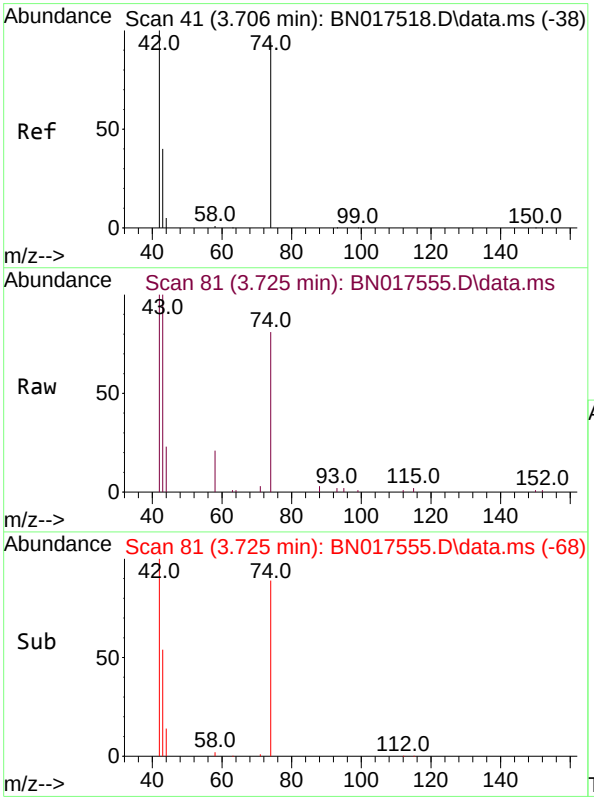

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:152 Resp: 29743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 123.0 | 184.4 |
| 115 | 63.1 | 45.6 | 68.4 |

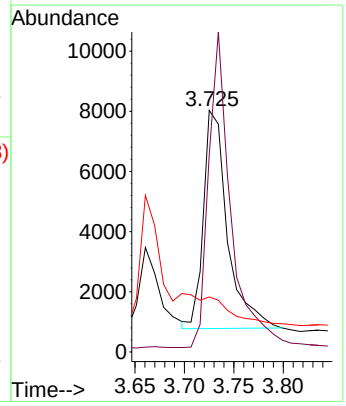


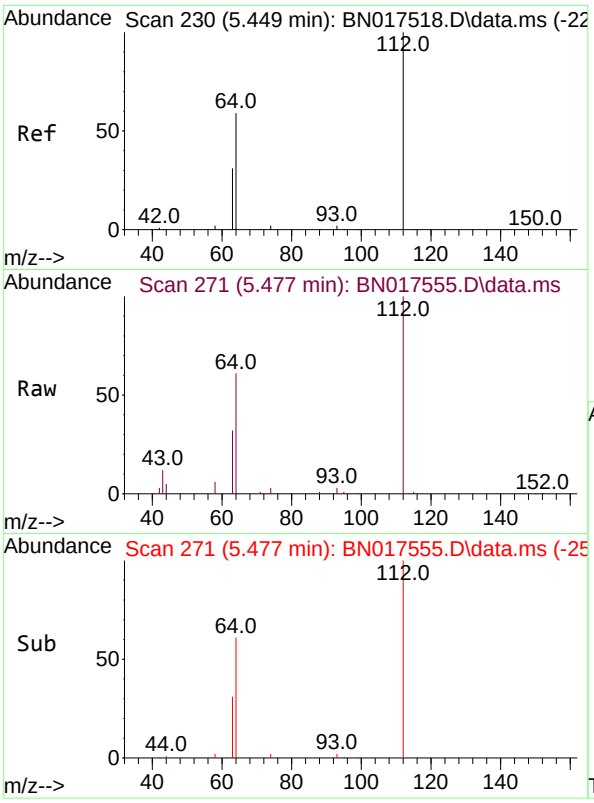




#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.725 min Scan# 81
Delta R.T. 0.019 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion: 42 Resp: 12272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.7 | 97.8 | 146.6 |
| 44 | 0.0 | 5.5 | 8.3# |



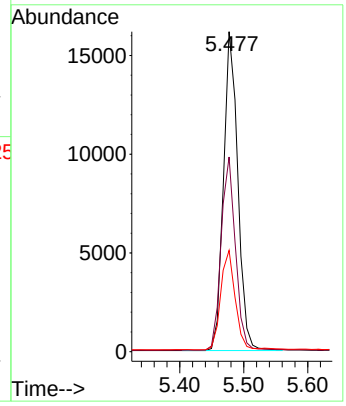


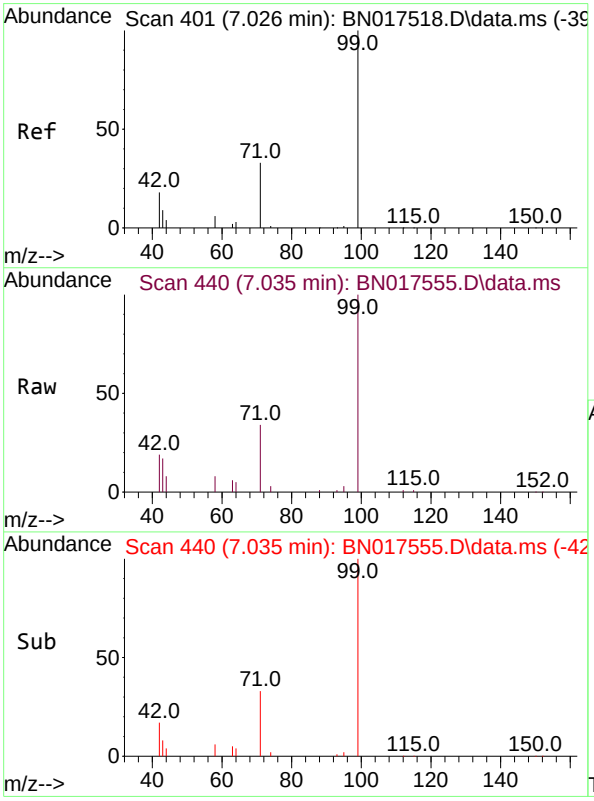

#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.477 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:112 Resp: 25055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.6 | 47.6 | 71.4 |
| 63 | 31.3 | 24.6 | 37.0 |

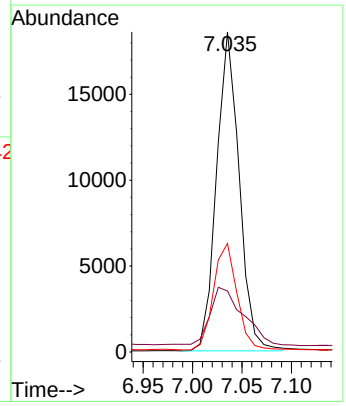


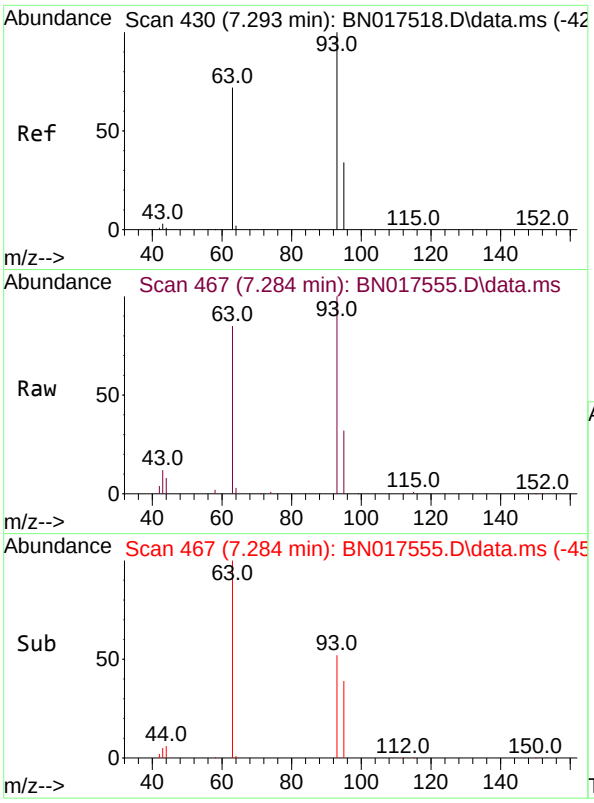




#5
Phenol-d6
Concen: 0.356 ng
RT: 7.035 min Scan# 440
Delta R.T. 0.009 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion: 99 Resp: 29614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.9 | 17.0 | 25.6# |
| 71 | 34.5 | 24.8 | 37.2 |



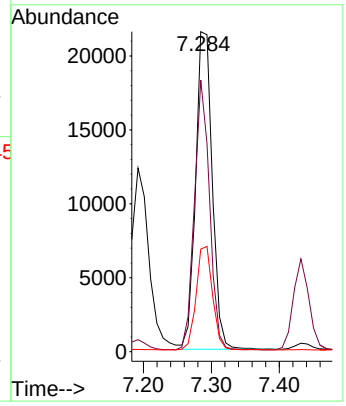


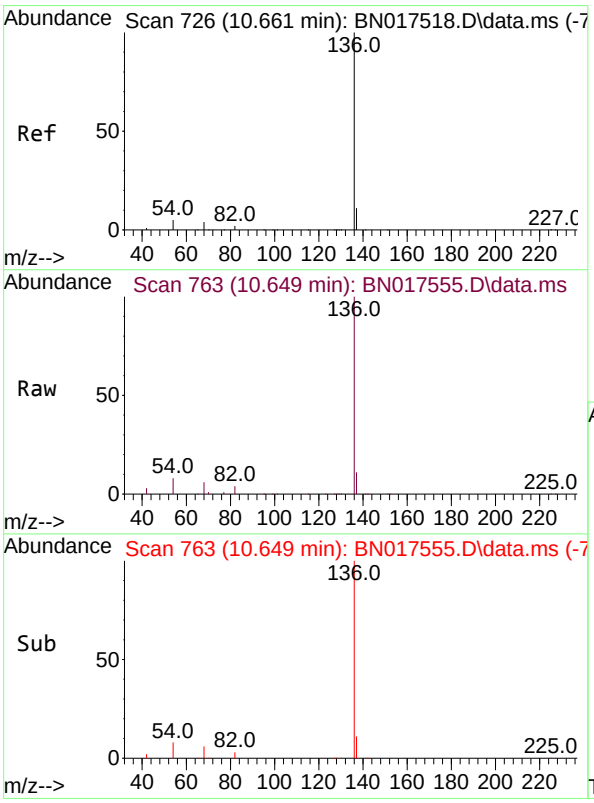

#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.284 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion: 93 Resp: 36534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.4 | 65.8 | 98.6 |
| 95 | 32.2 | 26.6 | 39.8 |

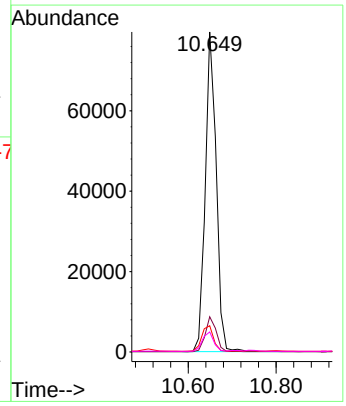


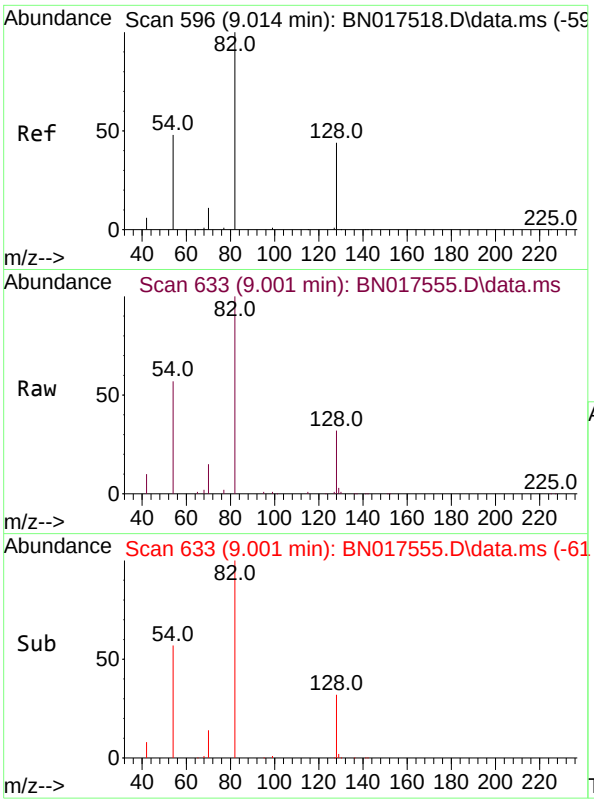




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:136 Resp: 137622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 8.2 | 4.0 | 6.0# |
| 68 | 6.2 | 3.0 | 4.6# |



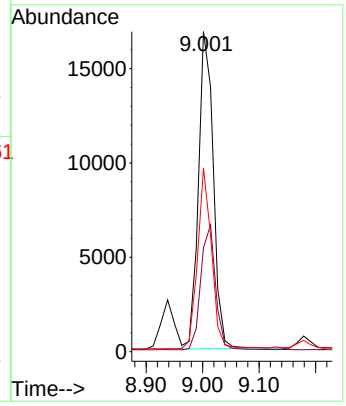


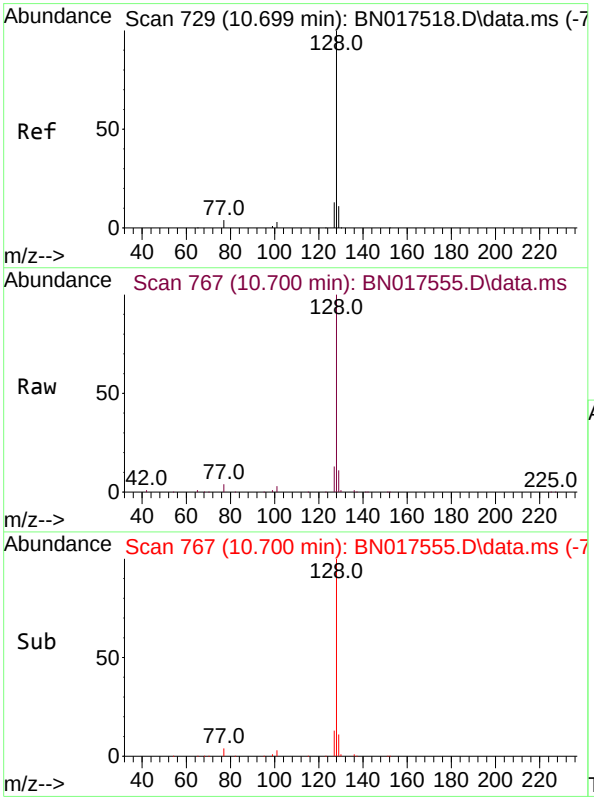

#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.001 min Scan# 6
Delta R.T. -0.013 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion: 82 Resp: 30764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.5 | 27.7 | 41.5 |
| 54 | 57.4 | 49.2 | 73.8 |

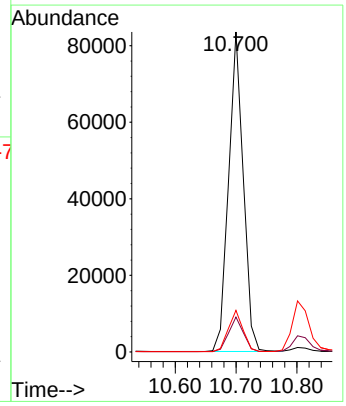


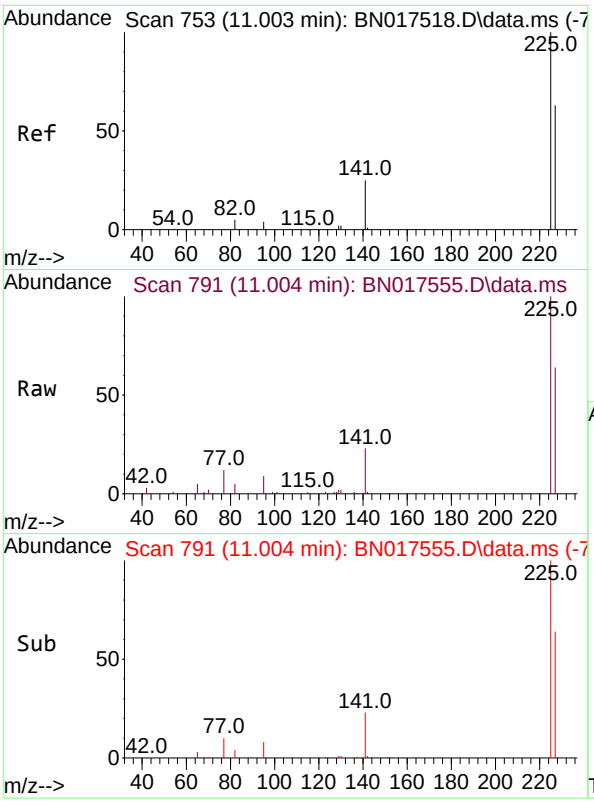




#9
Naphthalene
Concen: 0.400 ng
RT: 10.700 min Scan# 767
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:128 Resp: 139566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.8 | 13.2 |
| 127 | 13.0 | 10.6 | 15.8 |



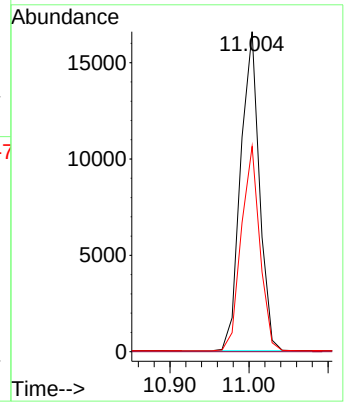


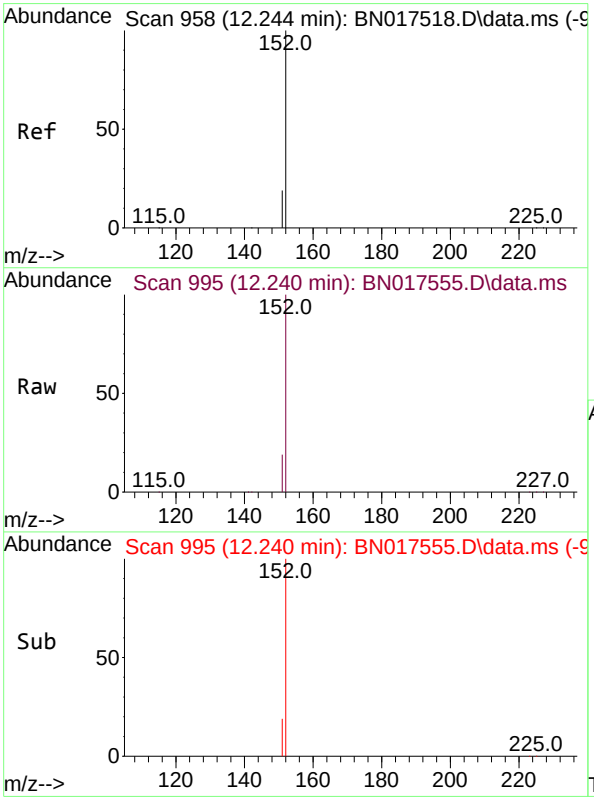

#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 11.004 min Scan# 7
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:225 Resp: 27298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.4 | 51.1 | 76.7 |

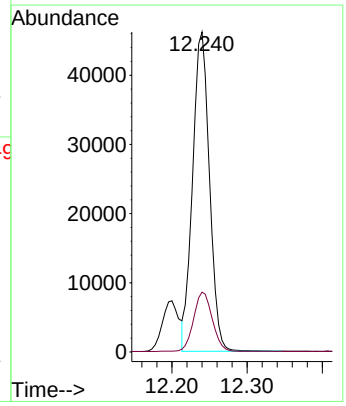


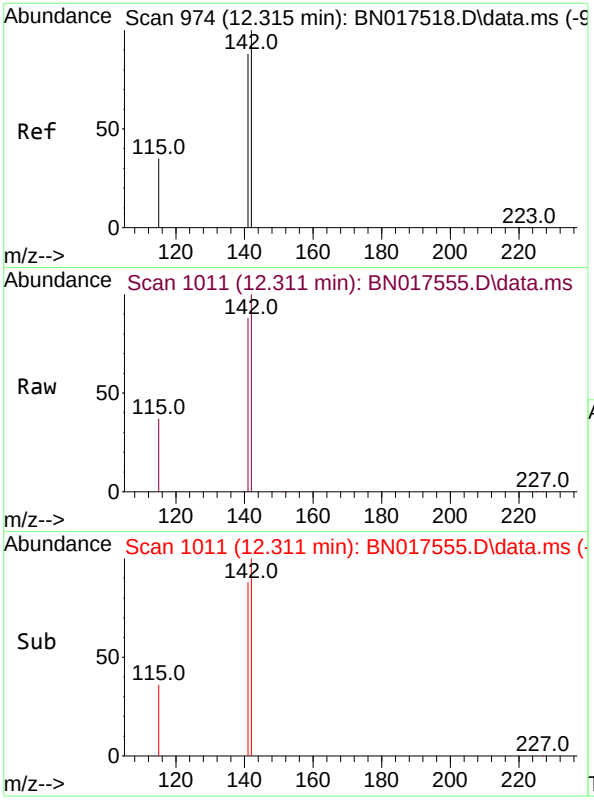




#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.240 min Scan# 995
Delta R.T. -0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:152 Resp: 71926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.2 | 24.4 |



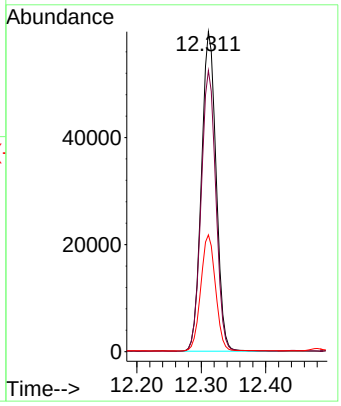


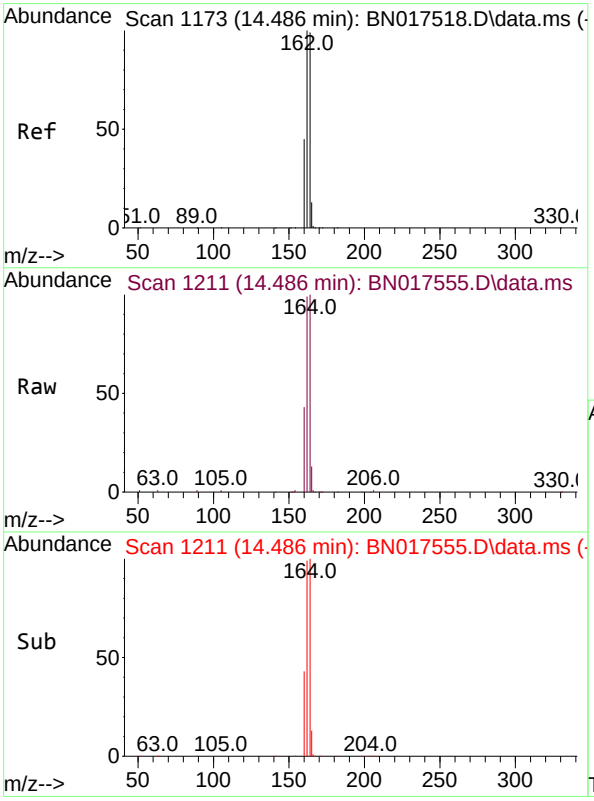

#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.311 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:142 Resp: 94073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 70.6 | 106.0 |
| 115 | 36.5 | 25.8 | 38.6 |

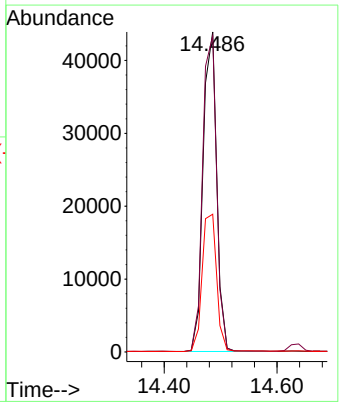


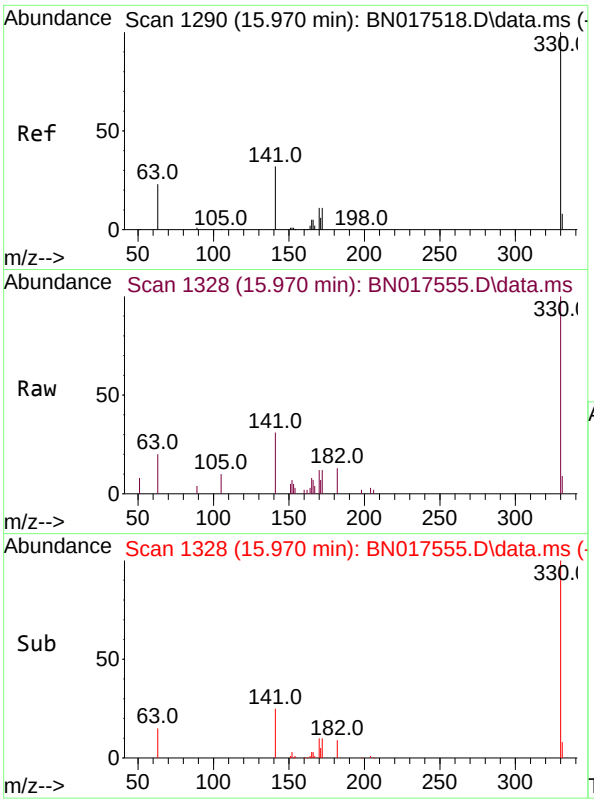




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:164 Resp: 73084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 81.4 | 122.2 |
| 160 | 43.0 | 36.8 | 55.2 |



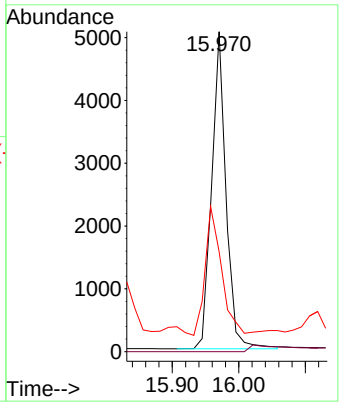


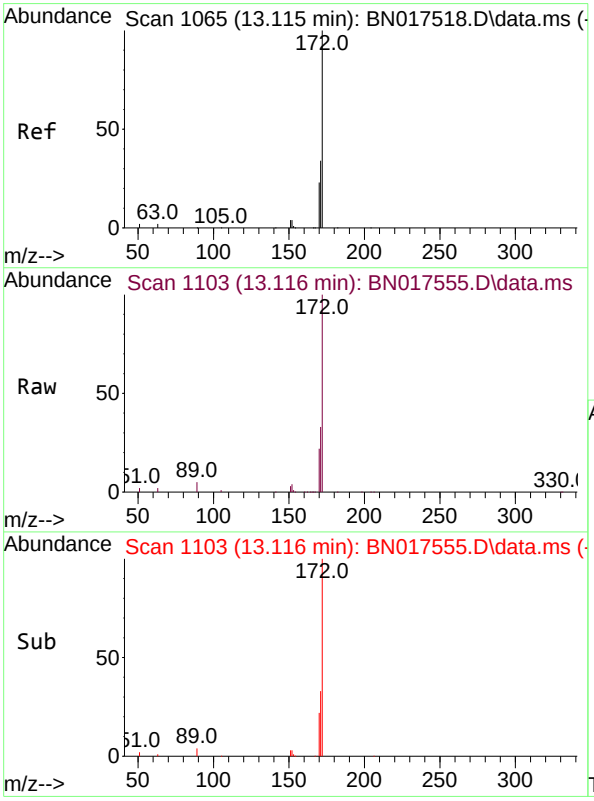

#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.970 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:330 Resp: 7491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 43.4 | 28.9 | 43.3# |

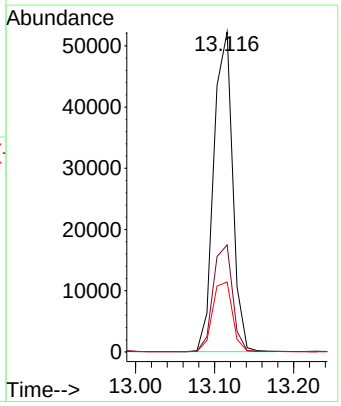


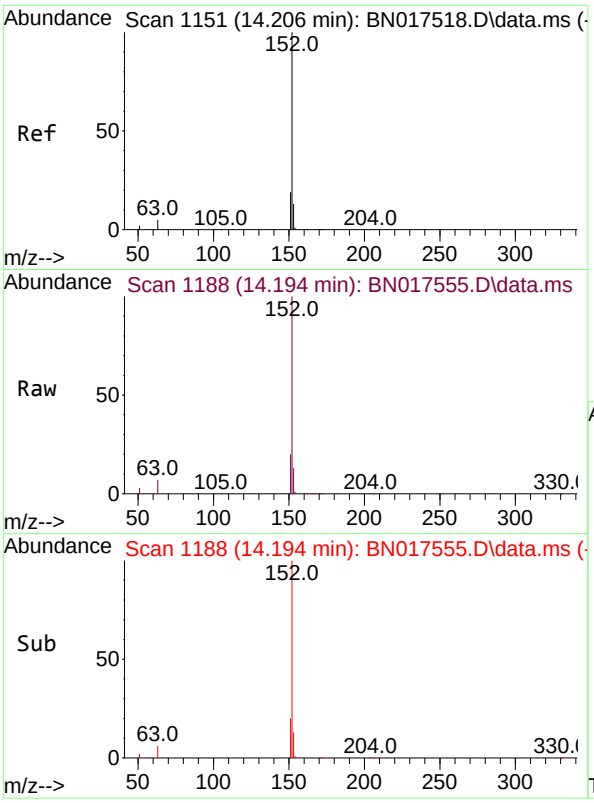




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.116 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:172 Resp: 86540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.5 | 28.7 | 43.1 |
| 170 | 21.9 | 19.4 | 29.2 |



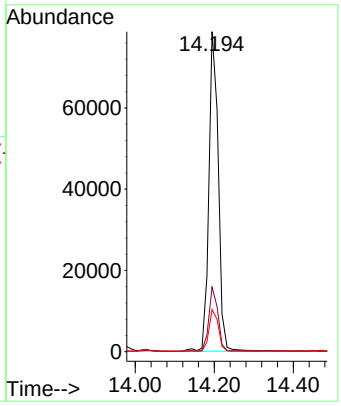


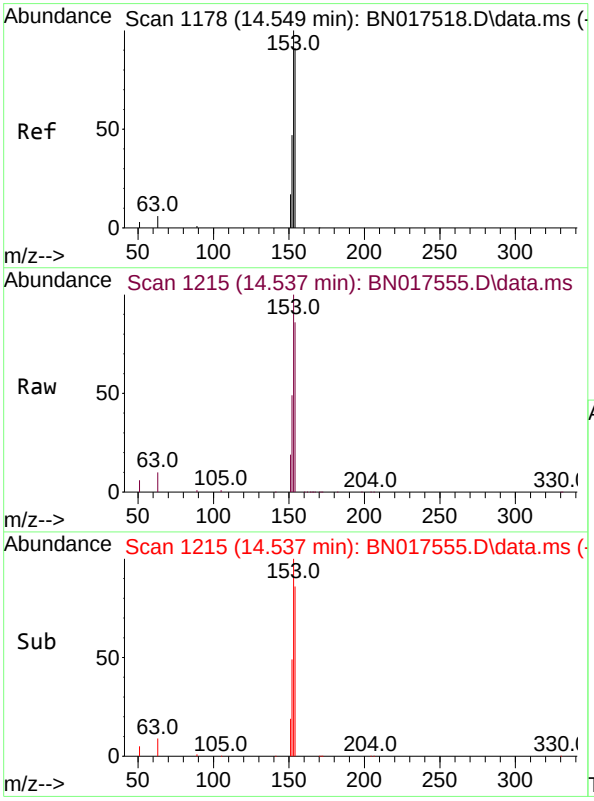

#16
Acenaphthylene
Concen: 0.447 ng
RT: 14.194 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:152 Resp: 130288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.5 | 23.3 |
| 153 | 13.1 | 10.4 | 15.6 |

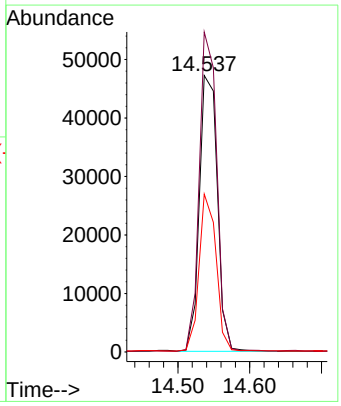


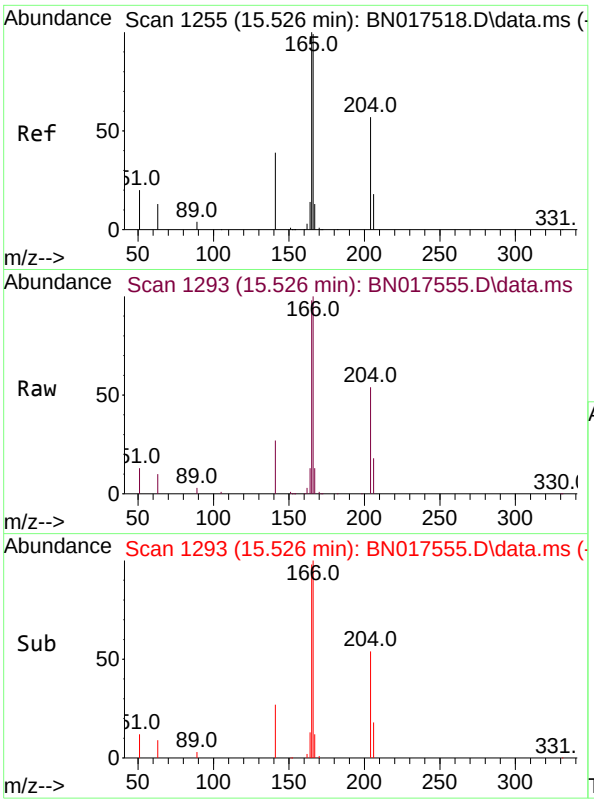




#17
Acenaphthene
Concen: 0.408 ng
RT: 14.537 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:154 Resp: 82108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.8 | 91.2 | 136.8 |
| 152 | 53.7 | 44.3 | 66.5 |



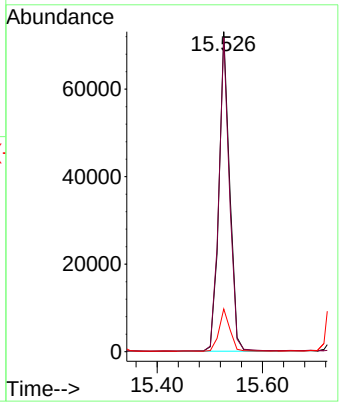


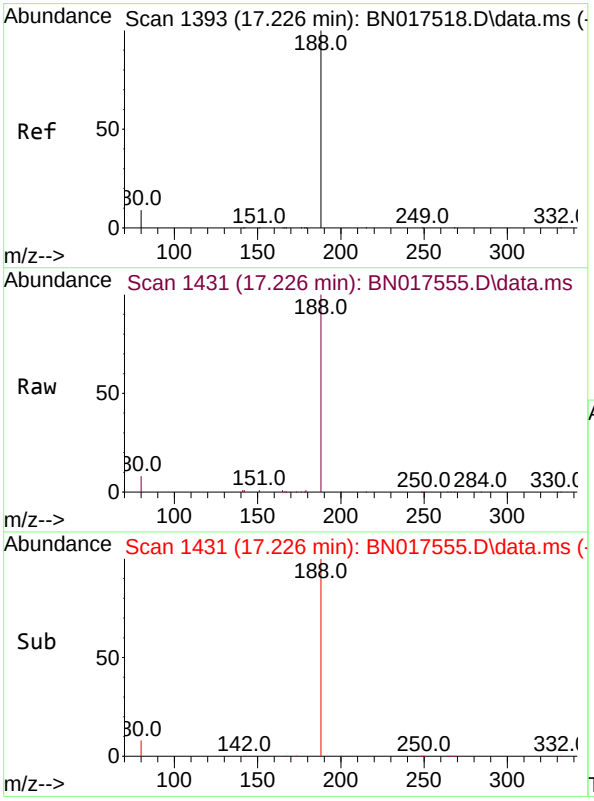

#18
Fluorene
Concen: 0.424 ng
RT: 15.526 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:166 Resp: 102928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 77.9 | 116.9 |
| 167 | 13.4 | 10.9 | 16.3 |

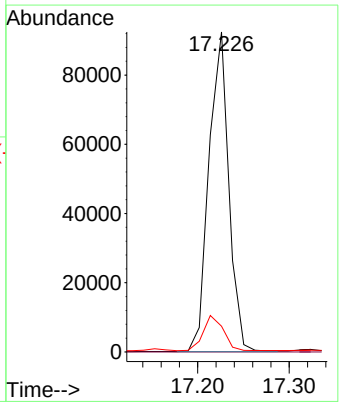


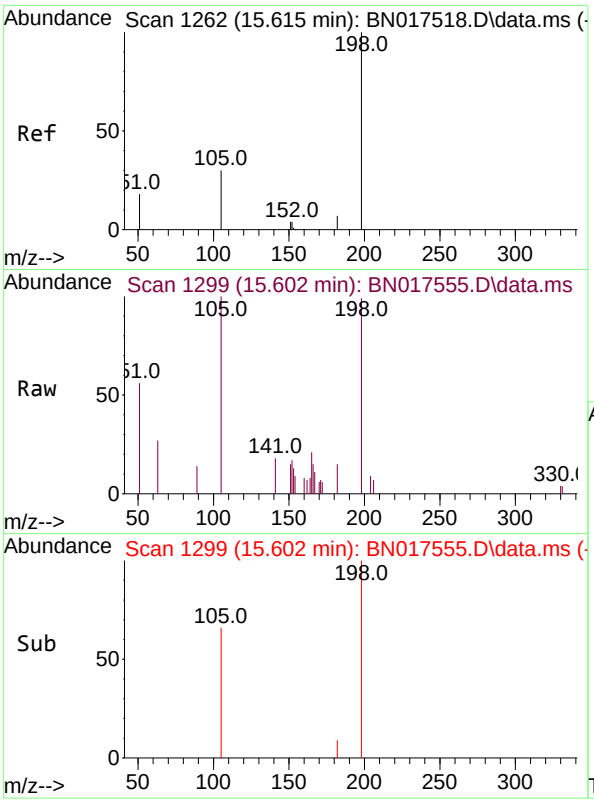




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:188 Resp: 139661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.0 | 6.1 | 9.1 |



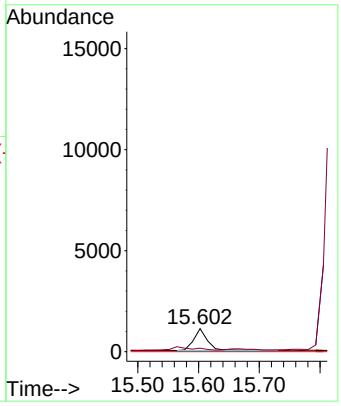


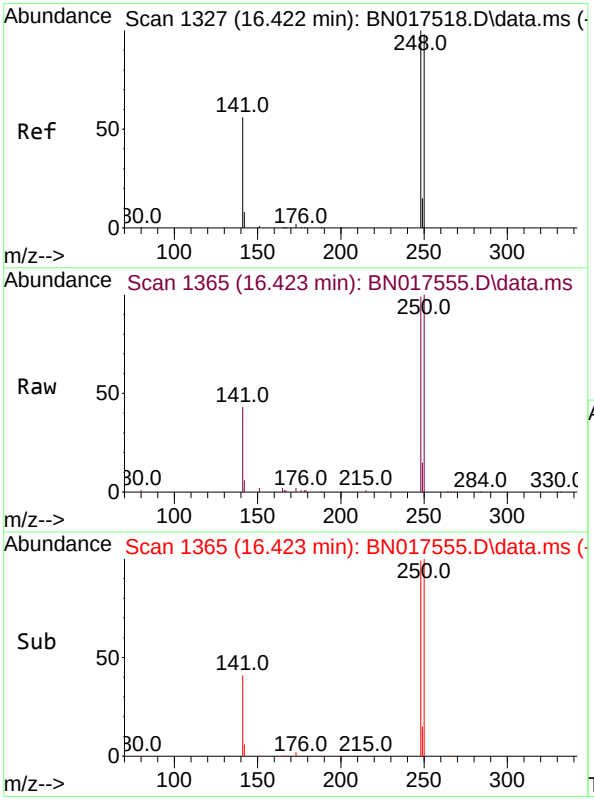

#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 15.602 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:198 Resp: 1726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 15.3 | 11.4 | 17.2 |
| 77 | 0.0 | 0.0 | 0.0 |

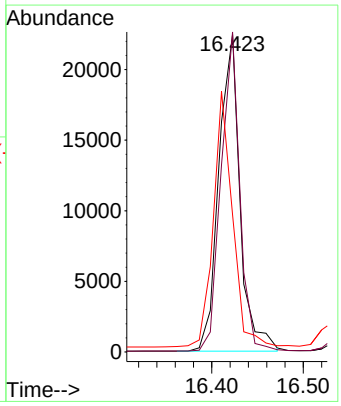


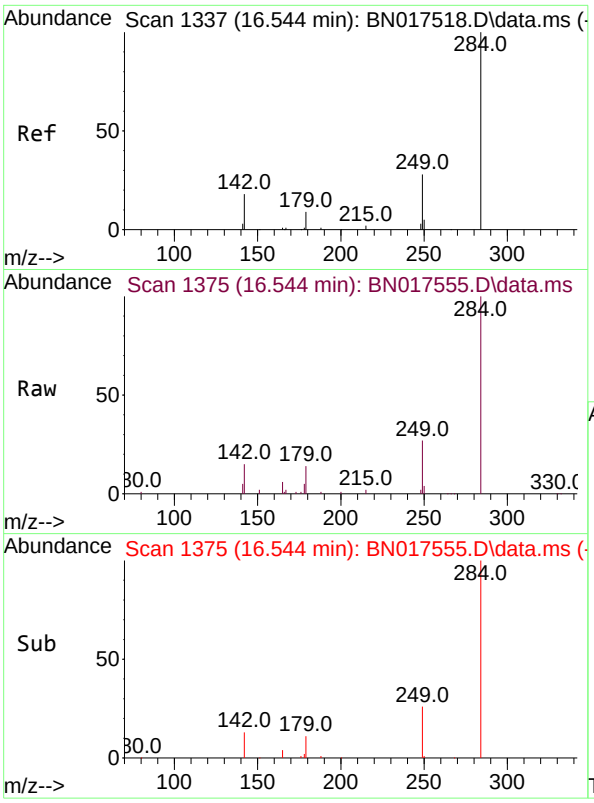




#21
4-Bromophenyl-phenylether
Concen: 0.471 ng
RT: 16.423 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:248 Resp: 36099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.8 | 71.8 | 107.8 |
| 141 | 43.2 | 70.9 | 106.3# |



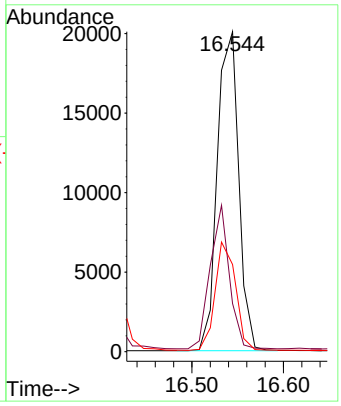


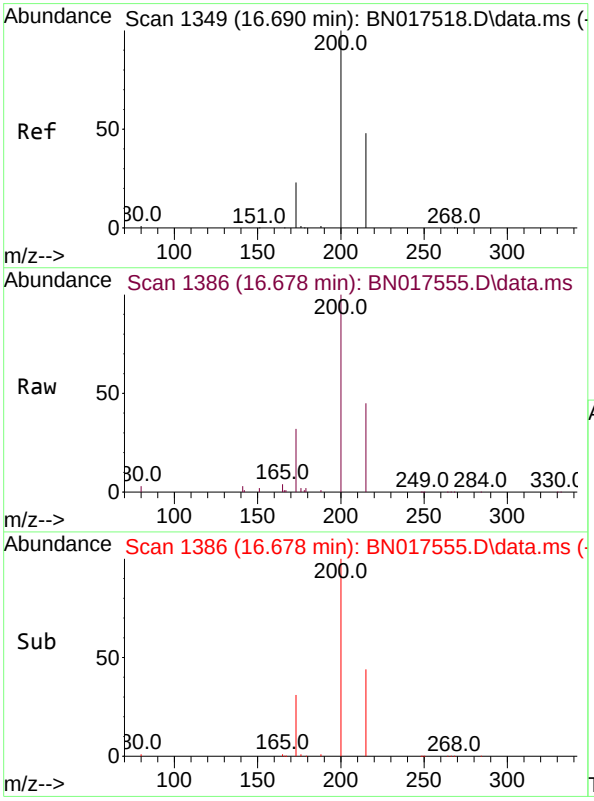

#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.544 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:284 Resp: 32658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.2 | 28.2 | 42.2 |
| 249 | 32.4 | 24.4 | 36.6 |

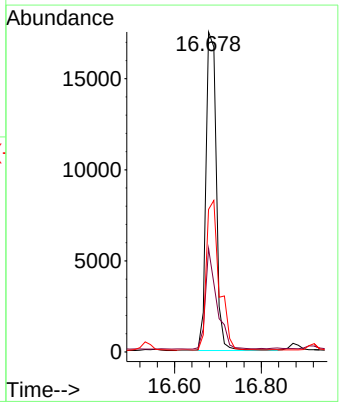


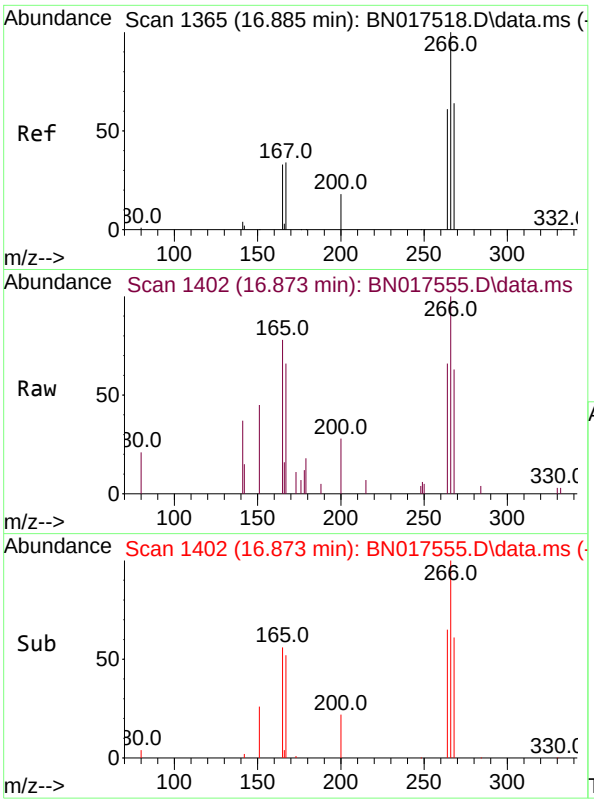




#23
Atrazine
Concen: 0.571 ng
RT: 16.678 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:200 Resp: 29020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 32.3 | 17.6 | 26.4# |
| 215 | 44.5 | 40.2 | 60.4 |



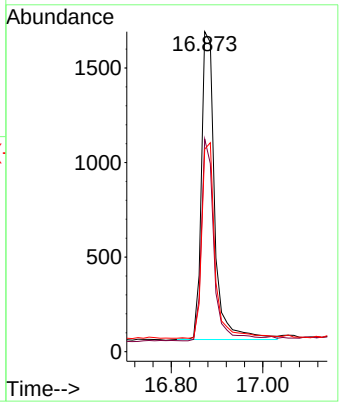


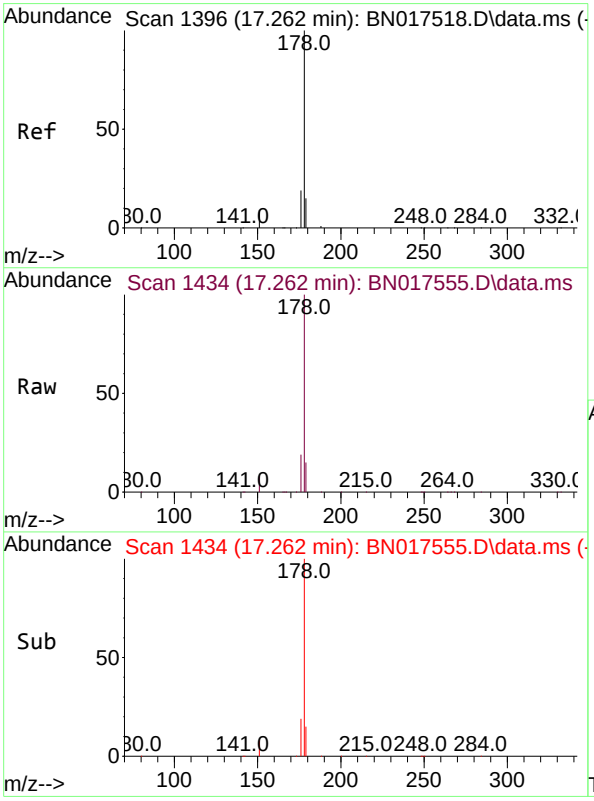

#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.873 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:266 Resp: 3276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.2 | 49.8 | 74.8 |
| 268 | 63.2 | 51.3 | 76.9 |

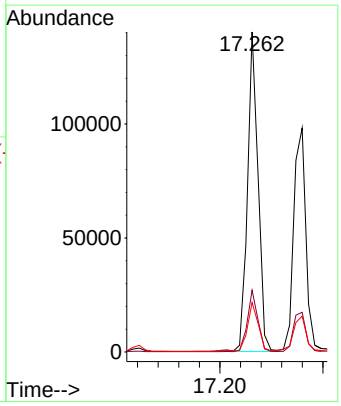


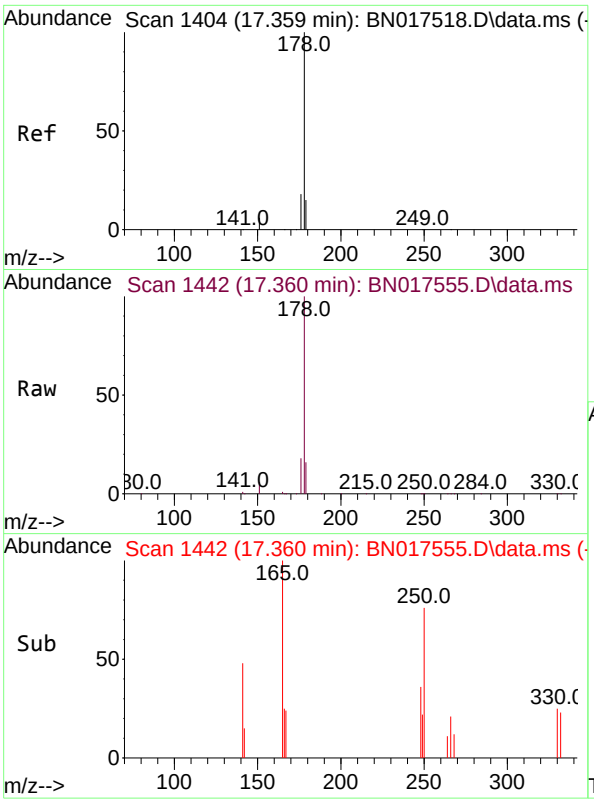




#25
Phenanthrene
Concen: 0.513 ng
RT: 17.262 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:178 Resp: 200491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.0 | 22.6 |
| 179 | 15.9 | 12.3 | 18.5 |



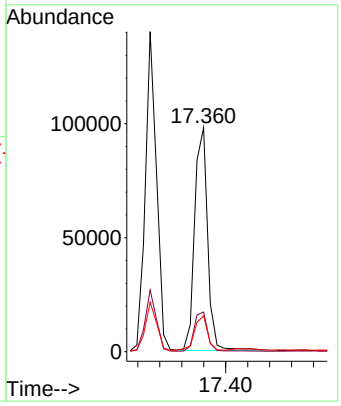


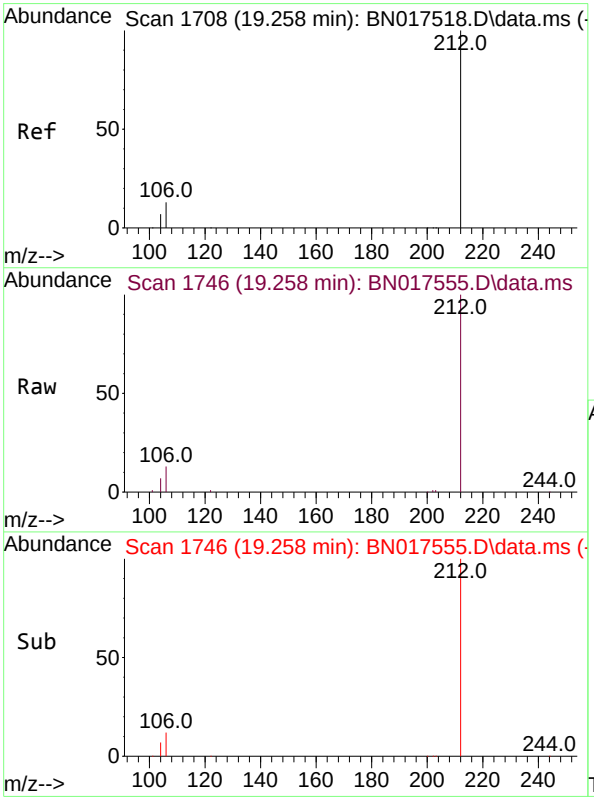

#26
Anthracene
Concen: 0.481 ng
RT: 17.360 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:178 Resp: 160598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.6 | 22.0 |
| 179 | 15.5 | 12.2 | 18.4 |

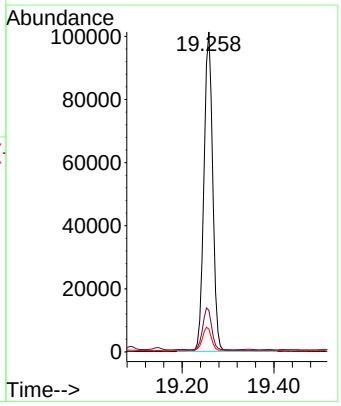


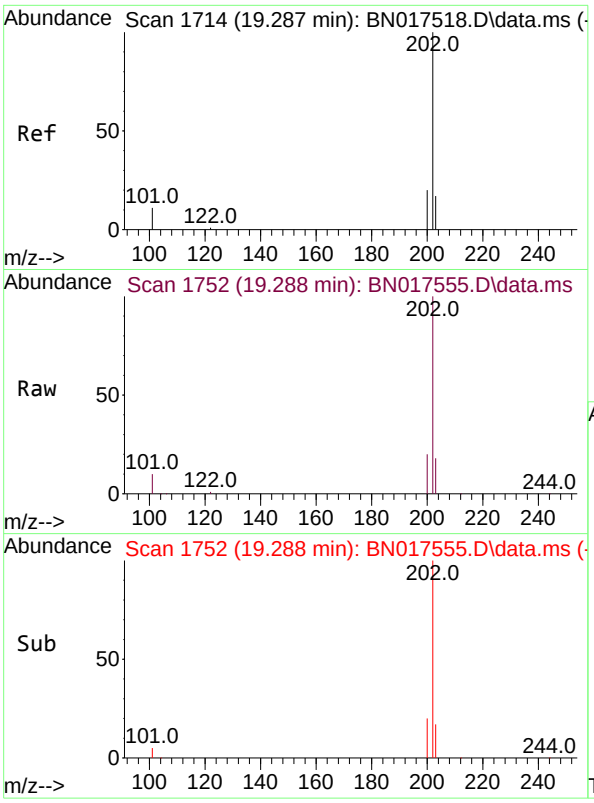




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.258 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:212 Resp: 134326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.3 | 10.5 | 15.7 |
| 104 | 7.7 | 5.8 | 8.6 |



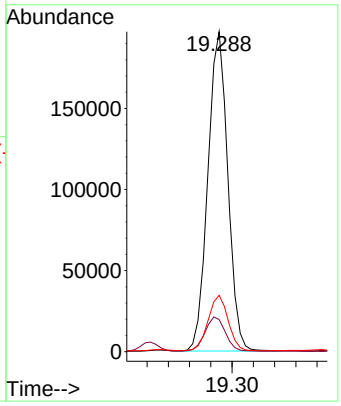


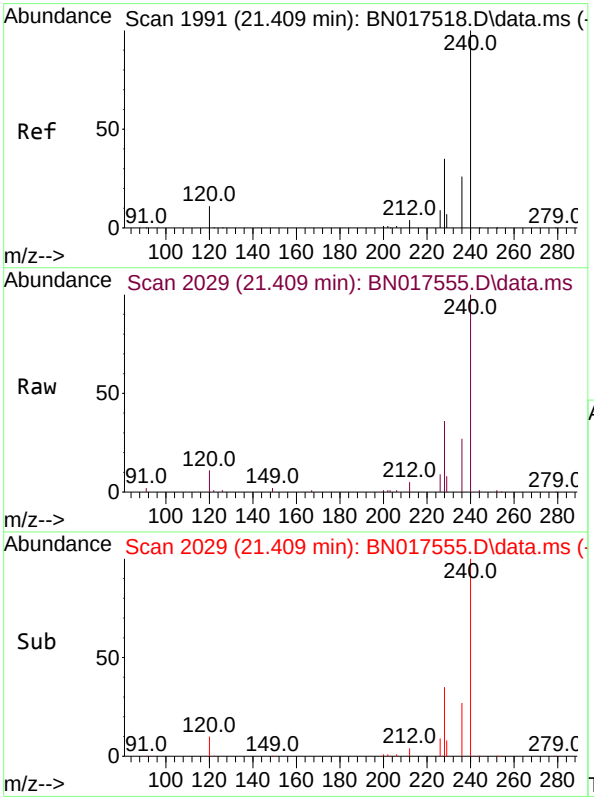

#28
Fluoranthene
Concen: 0.594 ng
RT: 19.288 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:202 Resp: 256604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 8.9 | 13.3 |
| 203 | 17.2 | 13.8 | 20.6 |

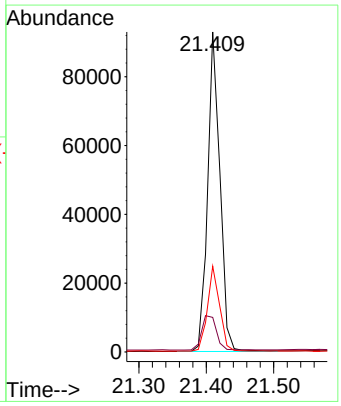


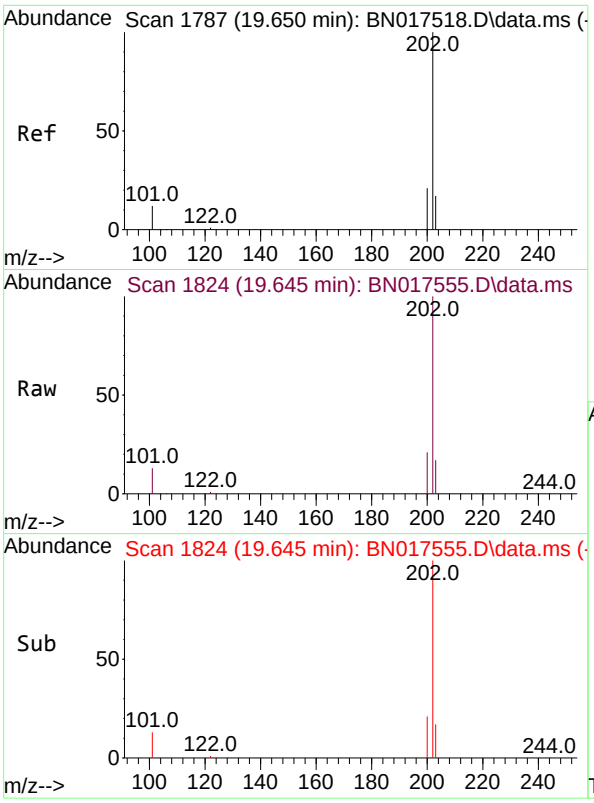




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:240 Resp: 117259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 4.2 | 6.2# |
| 236 | 26.8 | 20.0 | 30.0 |





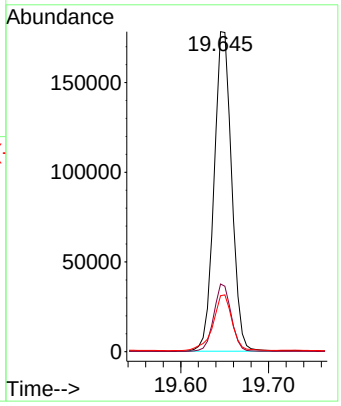

#30
Pyrene
Concen: 0.624 ng
RT: 19.645 min Scan# 1

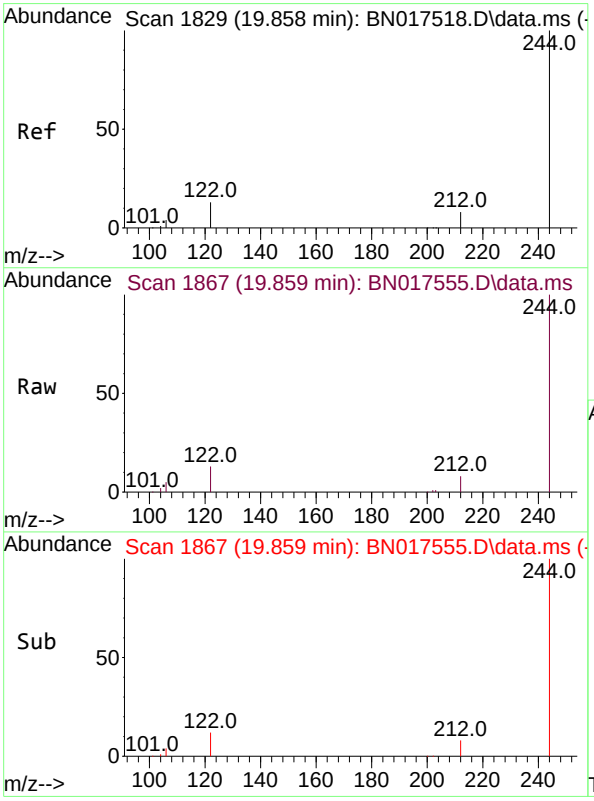
**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Delta R.T. -0.005 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:202 Resp: 247407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 16.5 | 24.7 |
| 203 | 19.0 | 14.0 | 21.0 |

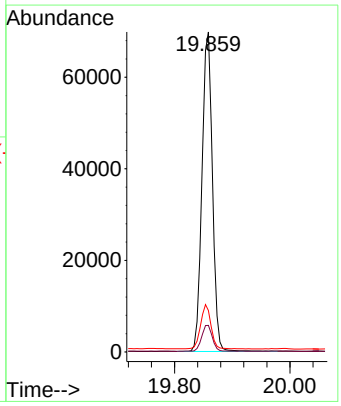


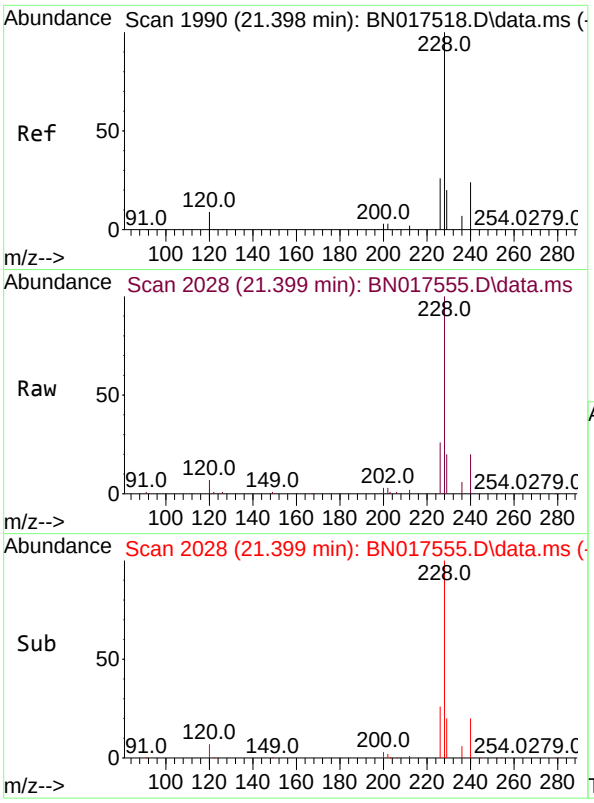




#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.859 min Scan# 1867
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:244 Resp: 87244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 5.7 | 8.5 |
| 122 | 12.9 | 8.6 | 13.0 |



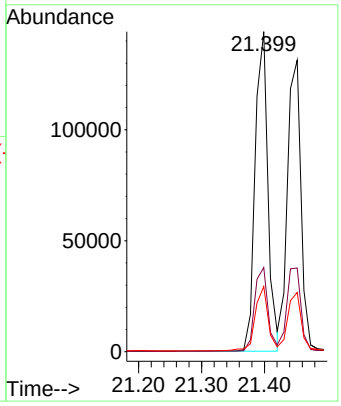


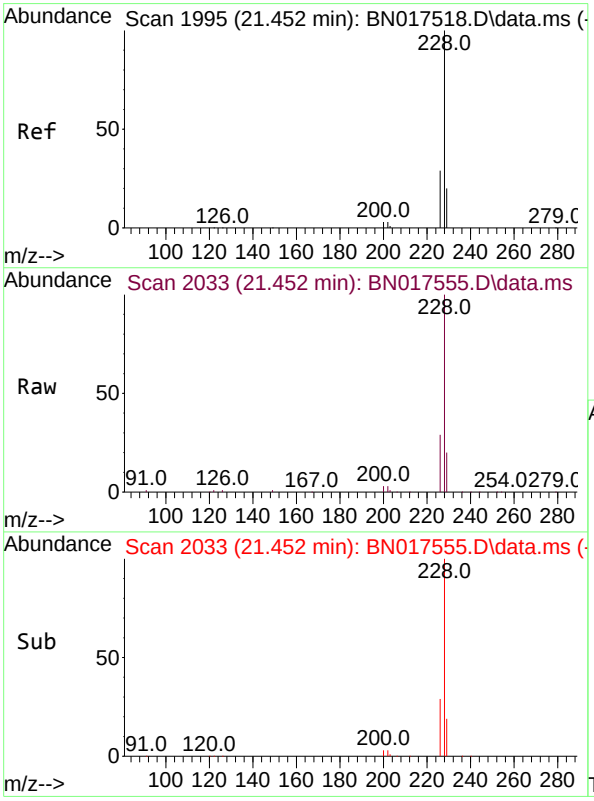

#32
Benzo(a)anthracene
Concen: 0.557 ng
RT: 21.399 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:228 Resp: 203219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.3 | 21.3 | 31.9 |
| 229 | 20.3 | 15.7 | 23.5 |

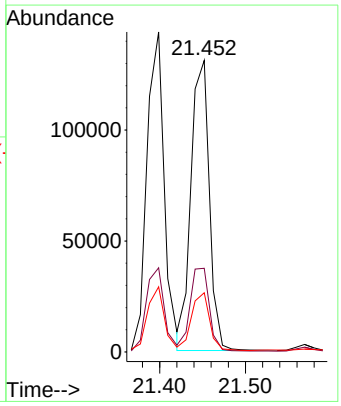


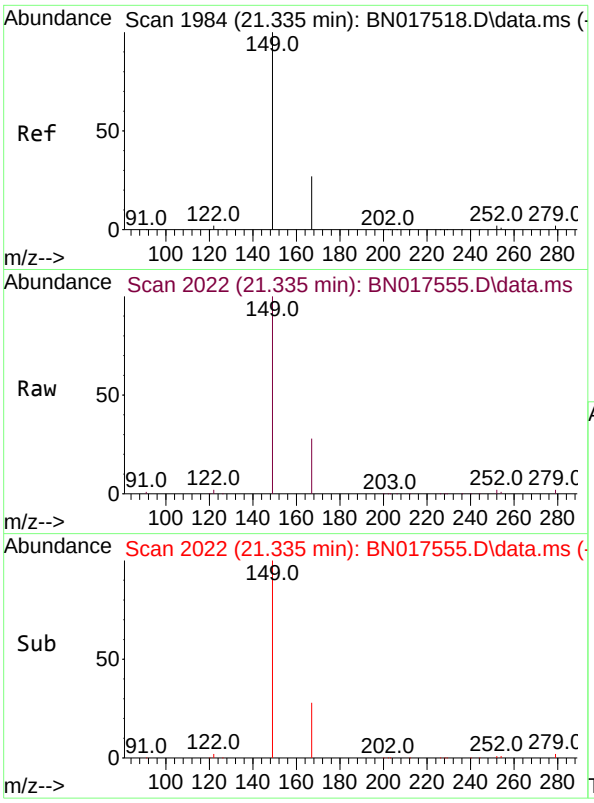




#33
Chrysene
Concen: 0.499 ng
RT: 21.452 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:228 Resp: 194354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 23.3 | 34.9 |
| 229 | 20.3 | 15.6 | 23.4 |



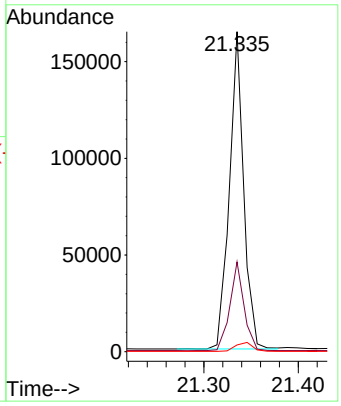


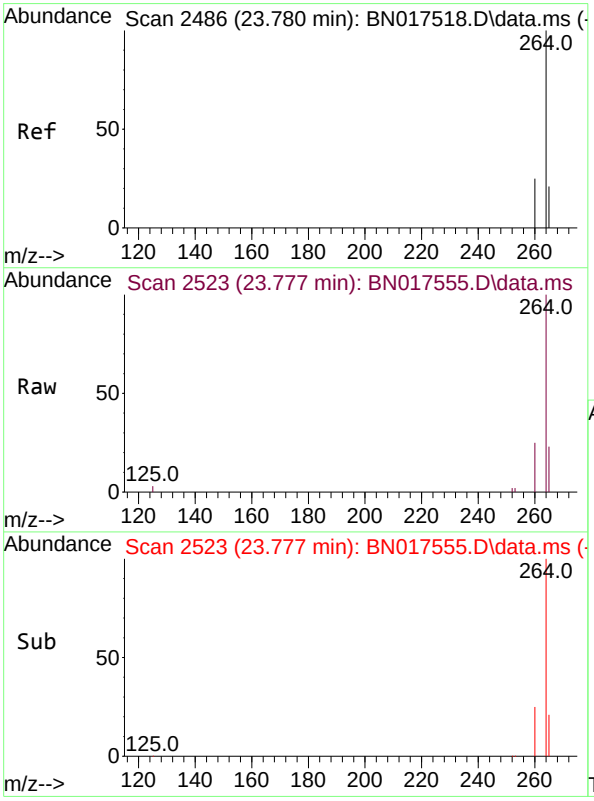

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.992 ng
RT: 21.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:149 Resp: 172916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 21.8 | 32.6 |
| 279 | 3.3 | 3.4 | 5.0# |

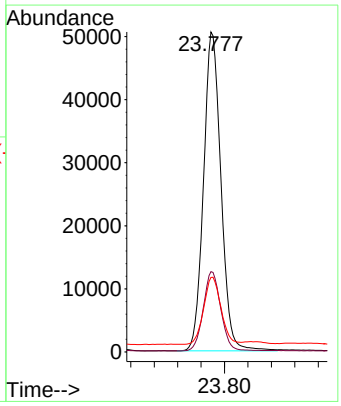


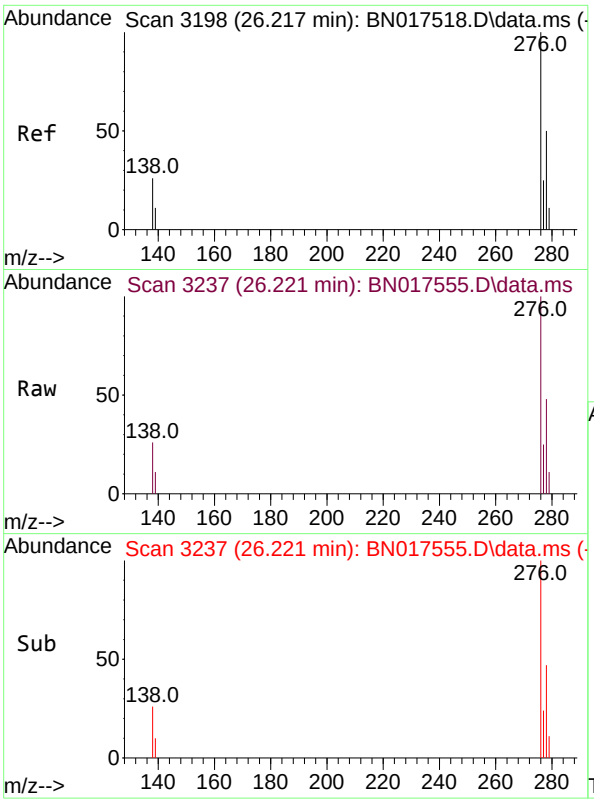




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.777 min Scan# 2523
Delta R.T. -0.003 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:264 Resp: 104413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.1 | 19.4 | 29.2 |
| 265 | 23.3 | 18.6 | 28.0 |



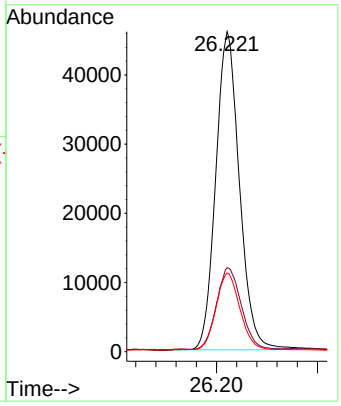


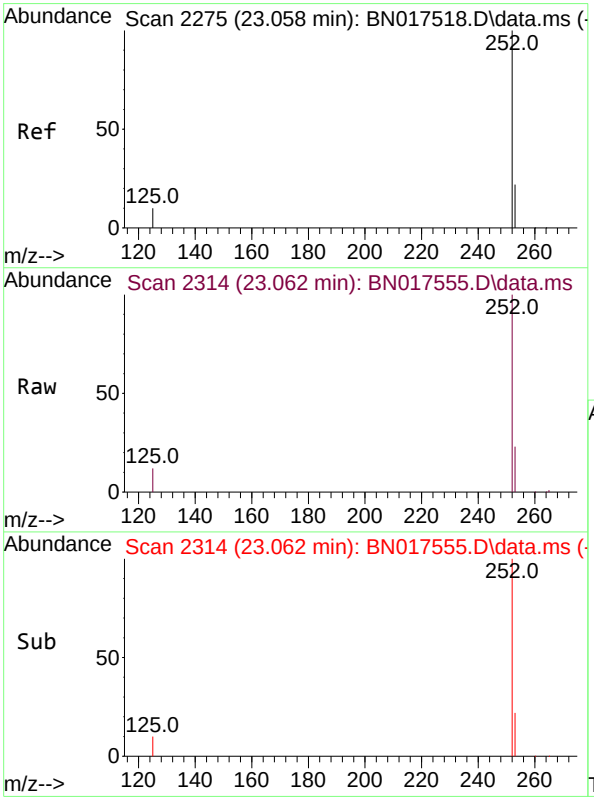

#36
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng
RT: 26.221 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:276 Resp: 148766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.0 | 19.7 | 29.5 |
| 277 | 24.1 | 20.0 | 30.0 |

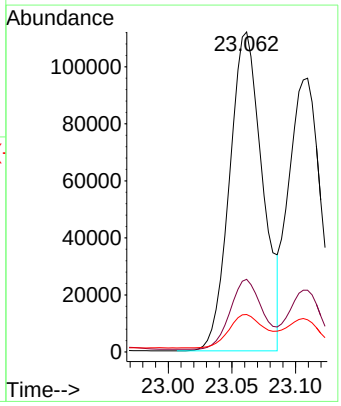


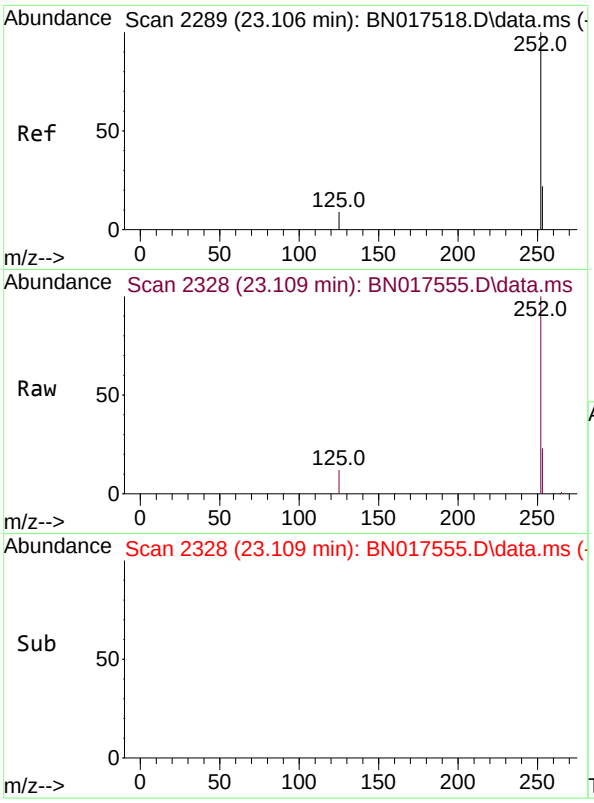




#37
Benzo(b)fluoranthene
Concen: 0.529 ng
RT: 23.062 min Scan# 2314
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:252 Resp: 201013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.7 | 26.5 |
| 125 | 11.7 | 7.8 | 11.8 |



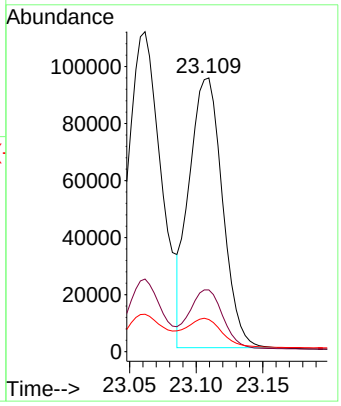


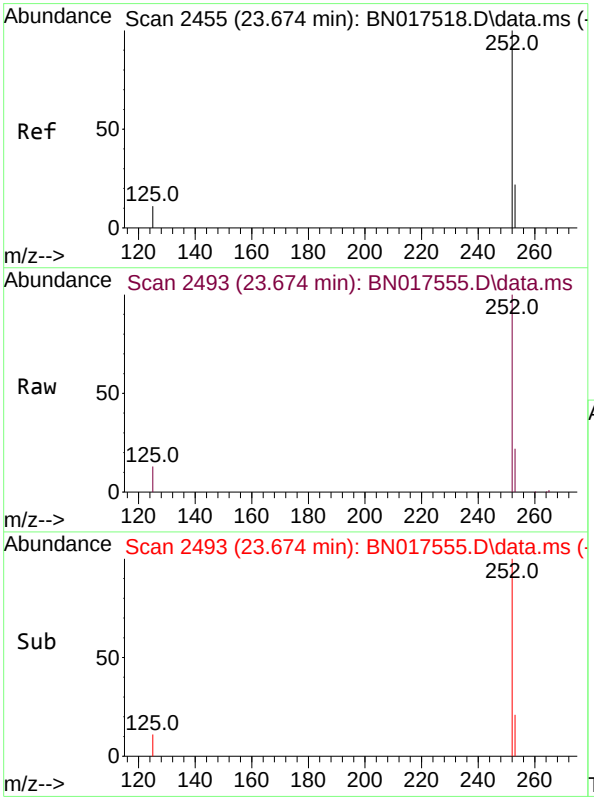

#38
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.109 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:252 Resp: 164713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.7 | 26.5 |
| 125 | 11.7 | 8.2 | 12.2 |

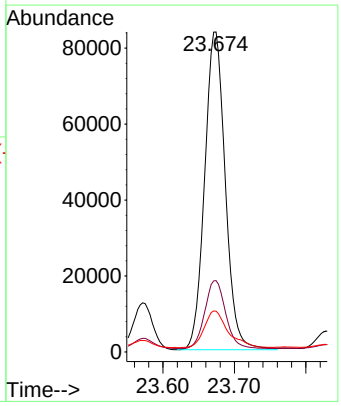


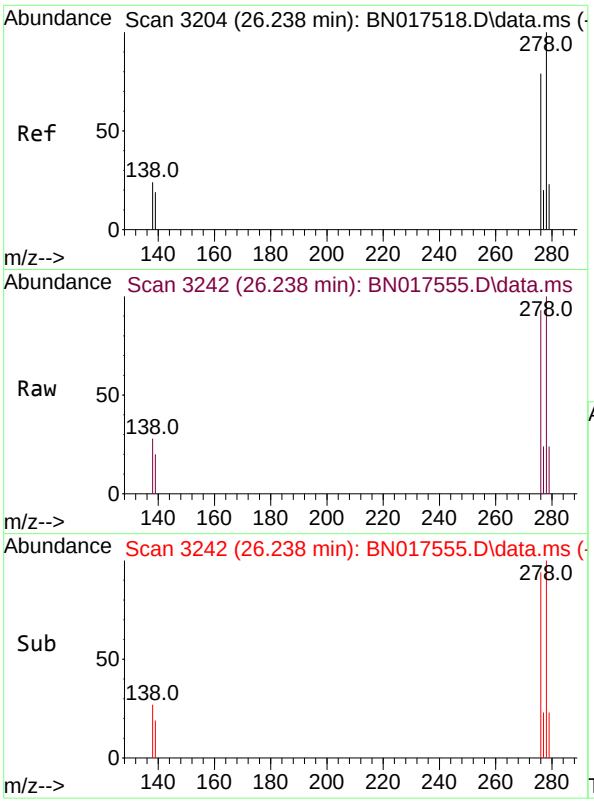




#39
Benzo(a)pyrene
Concen: 0.537 ng
RT: 23.674 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:252 Resp: 168193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.9 | 26.9 |
| 125 | 12.7 | 9.2 | 13.8 |



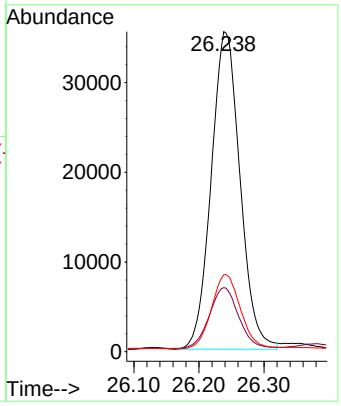


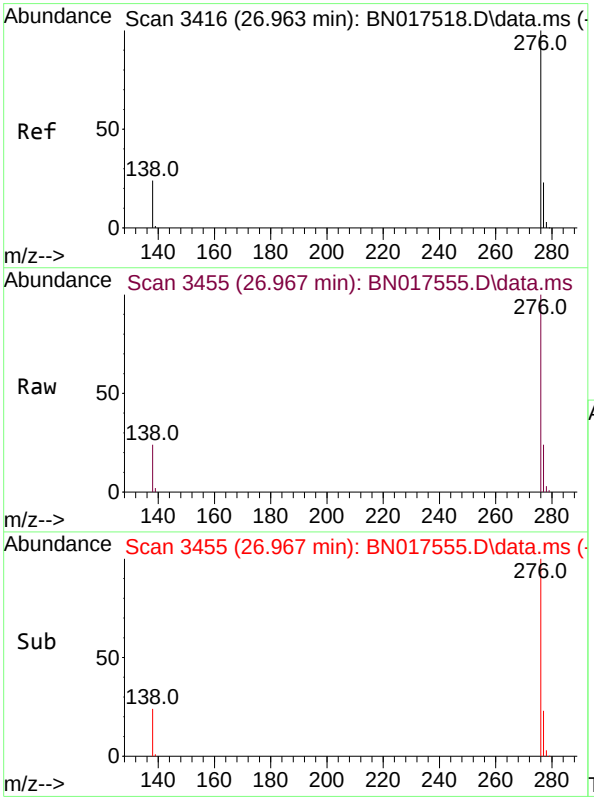

#40
Dibenzo(a,h)anthracene
Concen: 0.417 ng
RT: 26.238 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

**Instrument :**
BNA_N
**ClientSampleId :**
SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:278 Resp: 109078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.0 | 13.0 | 19.6# |
| 279 | 24.1 | 19.2 | 28.8 |




#41
Benzo(g,h,i)perylene
Concen: 0.476 ng
RT: 26.967 min Scan# 3455
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion:276 Resp: 130001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 19.0 | 28.4 |
| 138 | 24.4 | 17.1 | 25.7 |