Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023016.D
Acq On : 01 Dec 2022 13:01
Operator : CG/JU
Sample : N5756-11MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Quant Time: Dec 02 01:44:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.057 | 152 | 5595 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.872 | 136 | 14736 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.698 | 164 | 6629 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.439 | 188 | 12669 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.625 | 240 | 9480 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.109 | 264 | 7748 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.594 | 112 | 1671 | 0.115 | ng | 0.00 |
| 5) Phenol-d6 | 7.204 | 99 | 1301 | 0.070 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.217 | 82 | 3858 | 0.337 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.458 | 152 | 8691 | 0.272 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.186 | 330 | 820 | 0.256 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.319 | 172 | 11206 | 0.370 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.469 | 212 | 9542 | 0.277 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.058 | 244 | 8170 | 0.367 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.442 | 88 | 3749 | 0.528 | ng | # 90 |
| 3) n-Nitrosodimethylamine | 3.774 | 42 | 802 | 0.105 | ng | # 93 |
| 6) bis(2-Chloroethyl)ether | 7.472 | 93 | 5951 | 0.342 | ng | 98 |
| 9) Naphthalene | 10.925 | 128 | 14221 | 0.313 | ng | 99 |
| 10) Hexachlorobutadiene | 11.214 | 225 | 2541 | 0.273 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.148 | 142 | 1880 | 0.203 | ng | # 93 |
| 16) Acenaphthylene | 14.410 | 152 | 10568 | 0.301 | ng | 99 |
| 17) Acenaphthene | 14.752 | 154 | 7471 | 0.324 | ng | 99 |
| 18) Fluorene | 15.739 | 166 | 8762 | 0.296 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198 | 493 | 0.348 | ng | 87 |
| 21) 4-Bromophenyl-phenylether | 16.632 | 248 | 3060 | 0.335 | ng | # 83 |
| 22) Hexachlorobenzene | 16.744 | 284 | 3506 | 0.314 | ng | 96 |
| 23) Atrazine | 16.893 | 200 | 1750 | 0.271 | ng | 94 |
| 24) Pentachlorophenol | 17.092 | 266 | 1380 | 0.452 | ng | 96 |
| 25) Phenanthrene | 17.477 | 178 | 14627 | 0.332 | ng | 99 |
| 26) Anthracene | 17.576 | 178 | 11960 | 0.313 | ng | 100 |
| 28) Fluoranthene | 19.498 | 202 | 15015 | 0.321 | ng | 99 |
| 30) Pyrene | 19.861 | 202 | 15280 | 0.310 | ng | 100 |
| 32) Benzo(a)anthracene | 21.607 | 228 | 12437 | 0.325 | ng | 100 |
| 33) Chrysene | 21.661 | 228 | 13699 | 0.345 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149 | 6038 | 0.392 | ng | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 26.705 | 276 | 13483 | 0.419 | ng | 96 |
| 37) Benzo(b)fluoranthene | 23.346 | 252 | 13325 | 0.385 | ng | # 92 |
| 38) Benzo(k)fluoranthene | 23.395 | 252 | 12985 | 0.347 | ng | # 94 |
| 39) Benzo(a)pyrene | 23.998 | 252 | 10283 | 0.390 | ng | # 85 |
| 40) Dibenzo(a,h)anthracene | 26.728 | 278 | 11403 | 0.447 | ng | 96 |
| 41) Benzo(g,h,i)perylene | 27.503 | 276 | 11535 | 0.419 | ng | 96 |

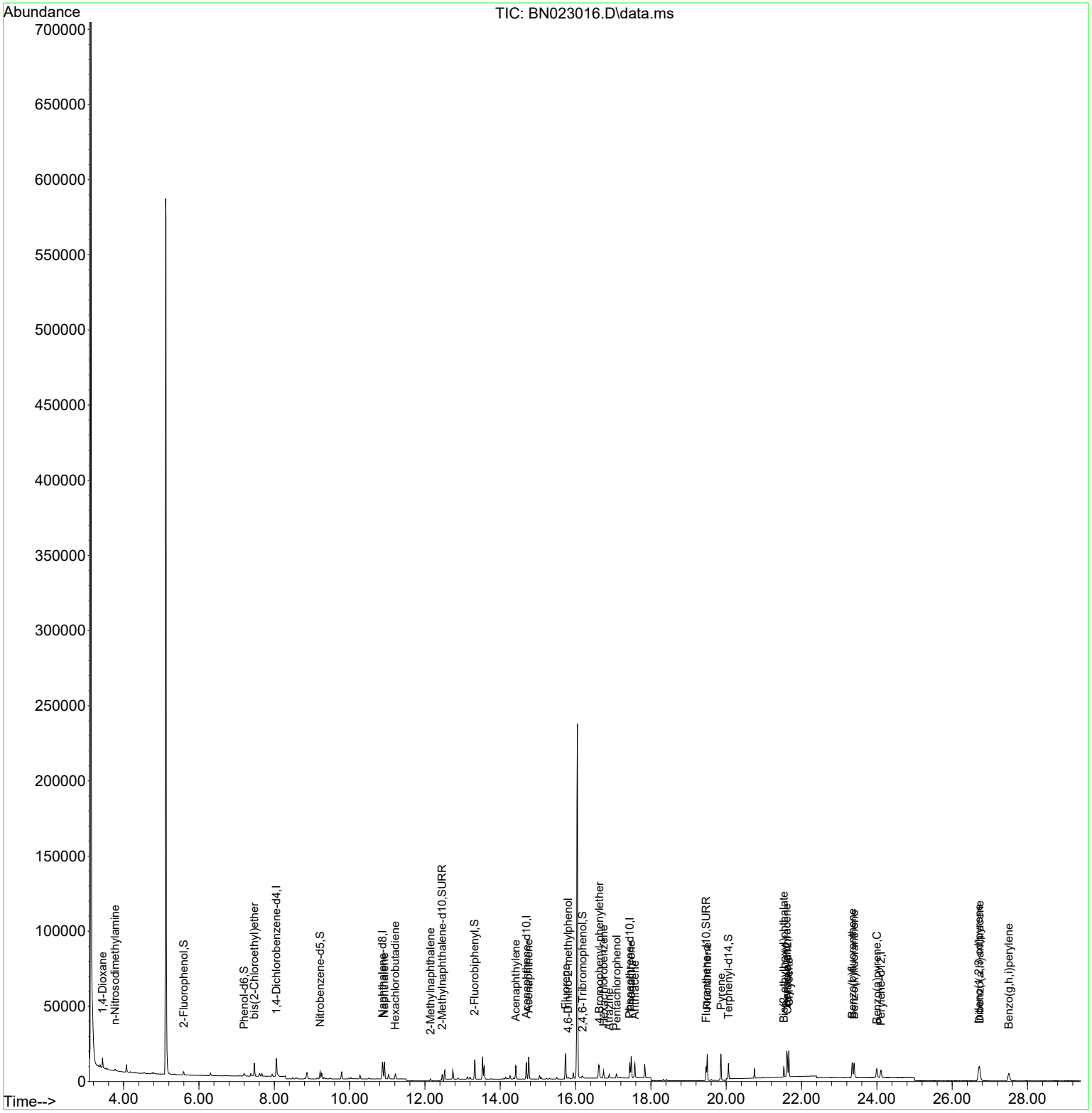
(#) = qualifier out of range (m) = manual integration (+) = signals summed

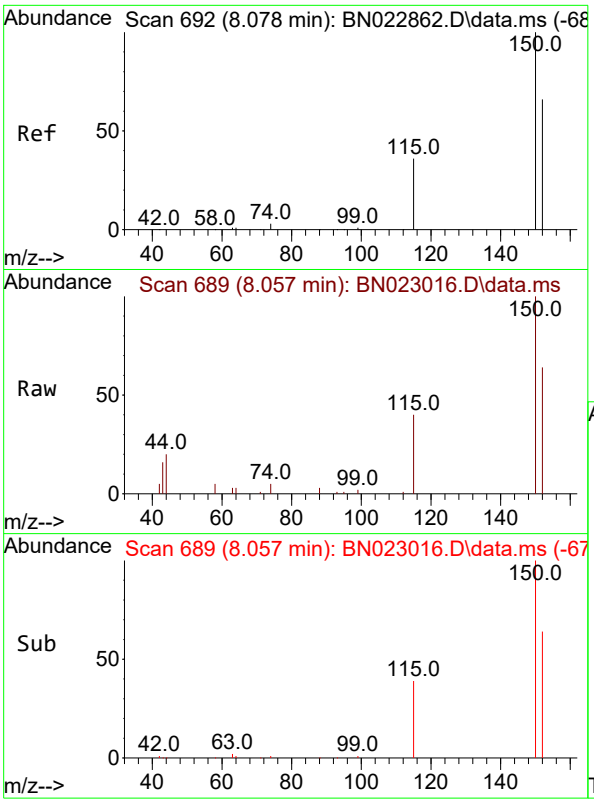
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023016.D
Acq On : 01 Dec 2022 13:01
Operator : CG/JU
Sample : N5756-11MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Quant Time: Dec 02 01:44:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration



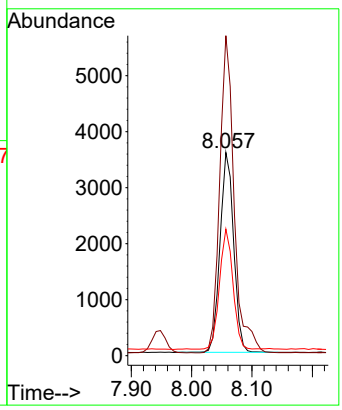


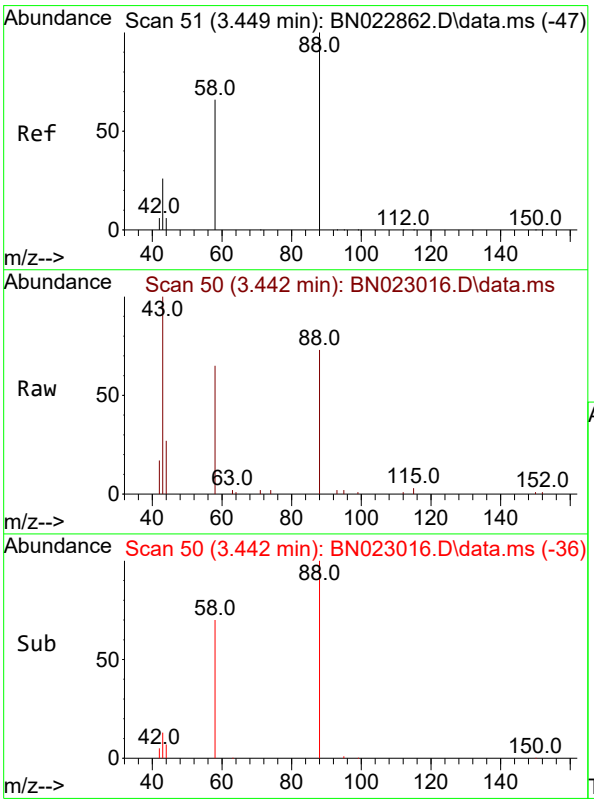

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:152 Resp: 5595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.4 | 121.2 | 181.8 |
| 115 | 62.2 | 46.2 | 69.4 |

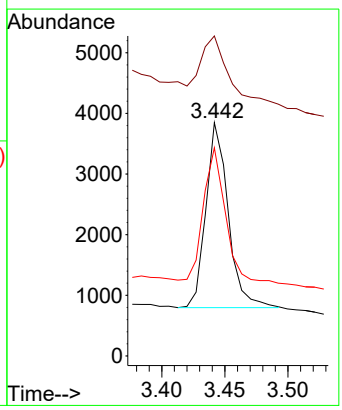


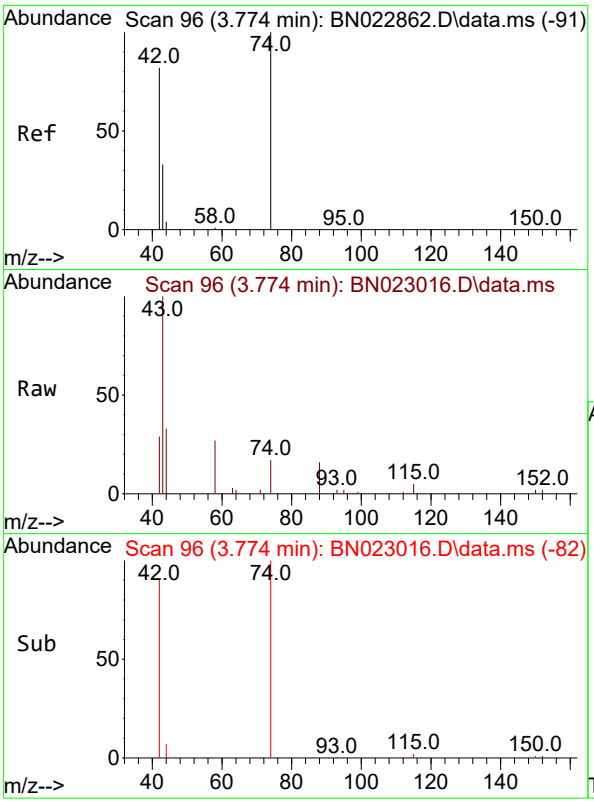




#2
1,4-Dioxane
Concen: 0.528 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion: 88 Resp: 3749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 45.9 | 25.4 | 38.2# |
| 58 | 72.8 | 56.5 | 84.7 |



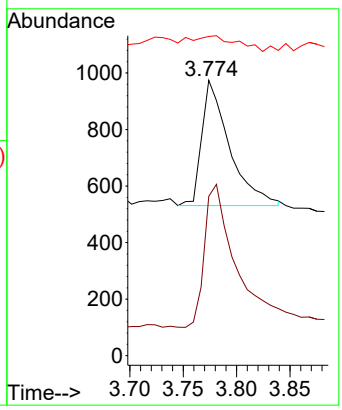


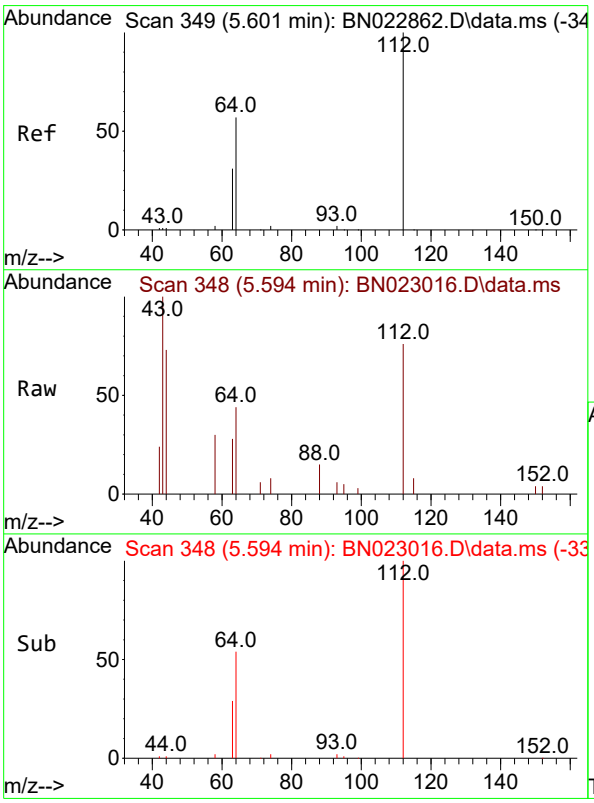

#3
n-Nitrosodimethylamine
Concen: 0.105 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion: 42 Resp: 802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.6 | 99.3 | 148.9 |
| 44 | 21.2 | 5.4 | 8.2# |

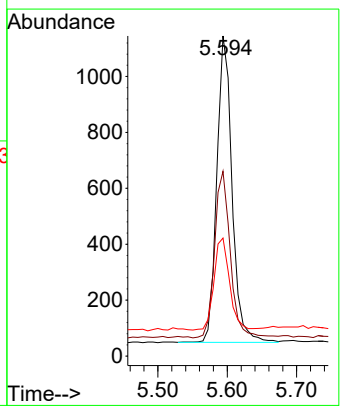


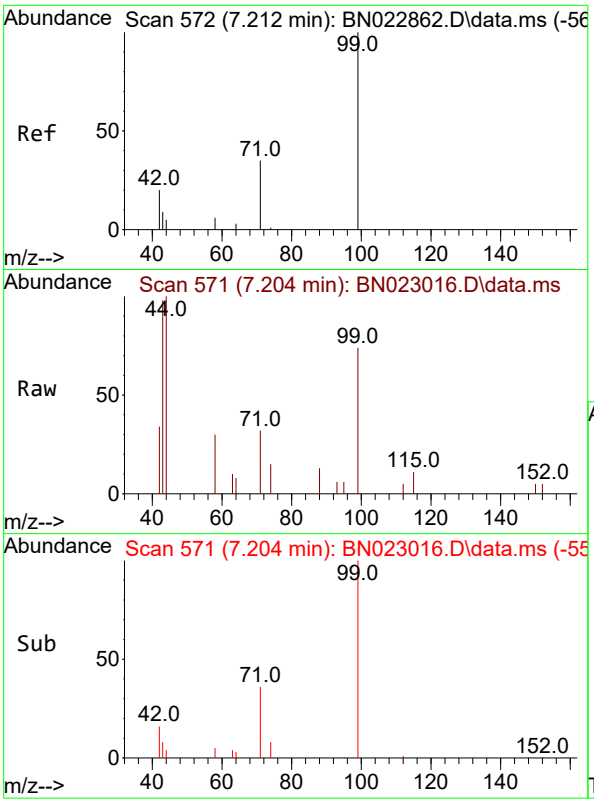




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:112 Resp: 1671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 43.4 | 65.2 |
| 63 | 30.6 | 23.4 | 35.2 |



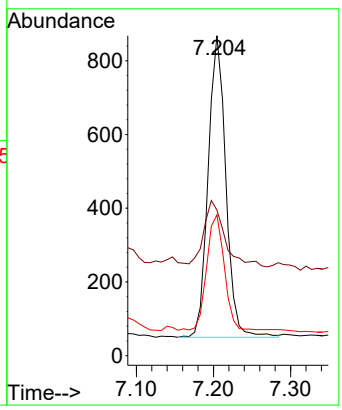


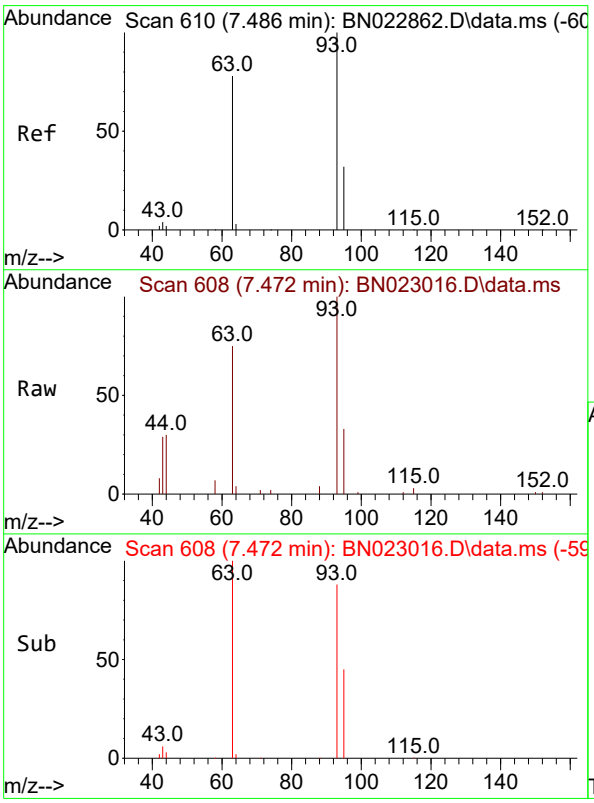

#5
Phenol-d6
Concen: 0.070 ng
RT: 7.204 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion: 99 Resp: 1301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.0 | 16.0 | 24.0# |
| 71 | 40.6 | 26.8 | 40.2# |

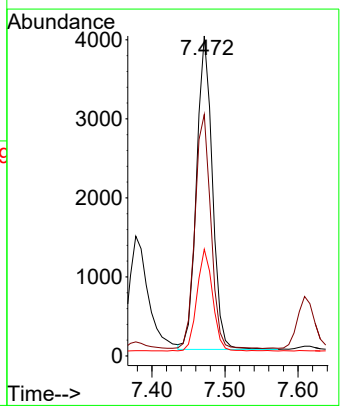


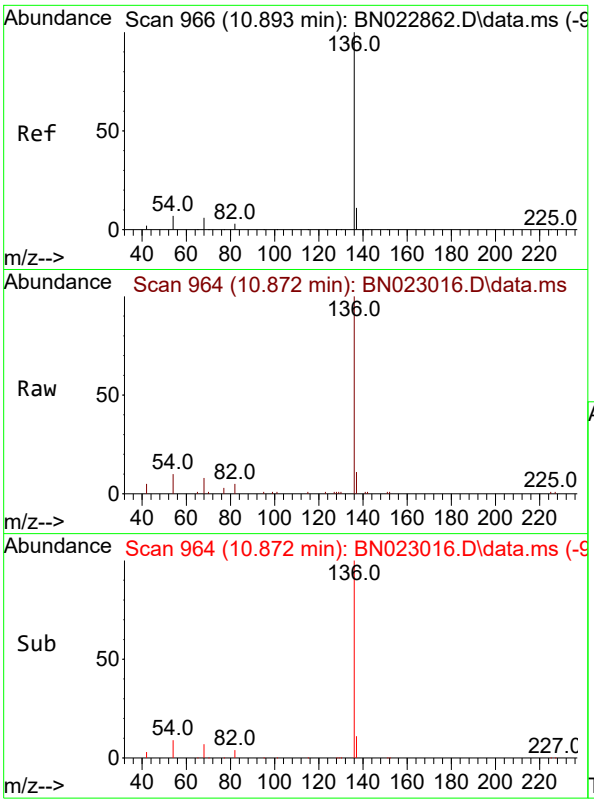




#6
bis(2-Chloroethyl)ether
Concen: 0.342 ng
RT: 7.472 min Scan# 608
Delta R.T. -0.007 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion: 93 Resp: 5951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.1 | 58.3 | 87.5 |
| 95 | 32.3 | 25.8 | 38.6 |



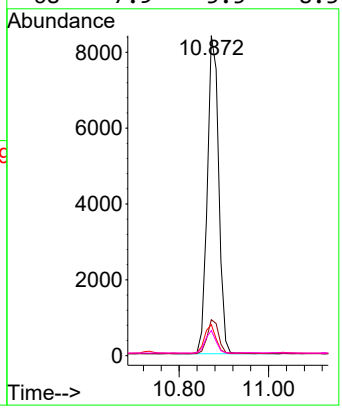


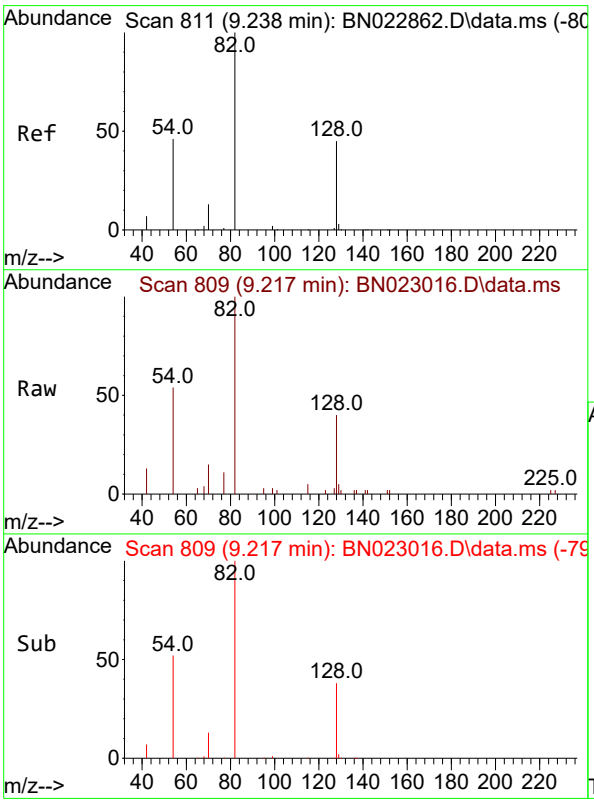

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:136 Resp: 14736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.0 | 13.4 |
| 54 | 9.7 | 6.6 | 9.8 |
| 68 | 7.9 | 5.5 | 8.3 |

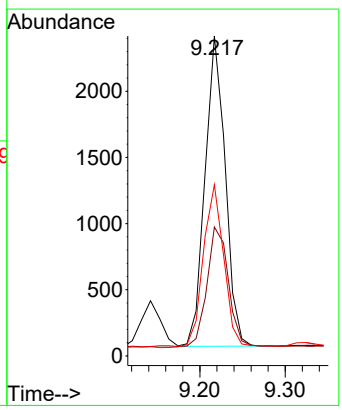


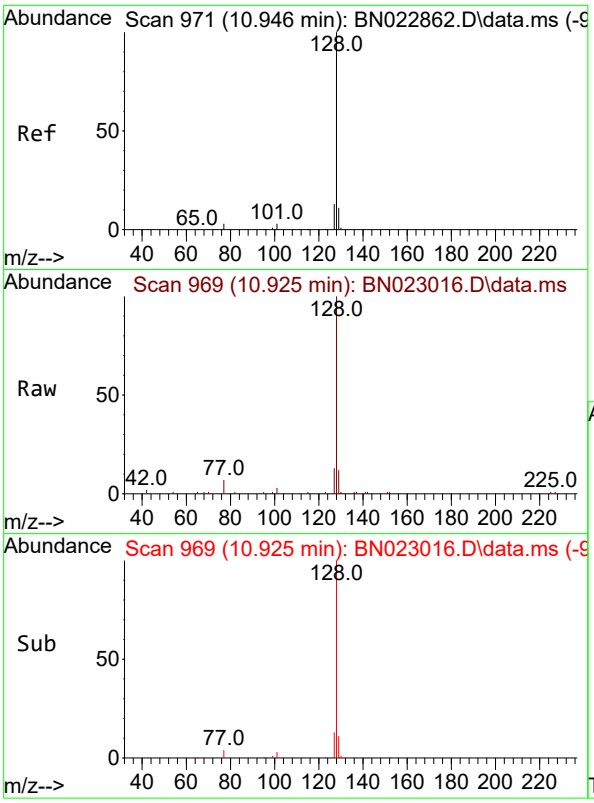




#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion: 82 Resp: 3858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.3 | 36.6 | 54.8 |
| 54 | 53.5 | 38.5 | 57.7 |



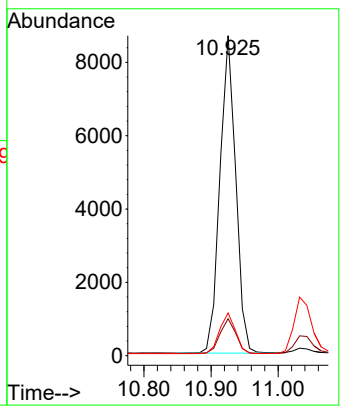


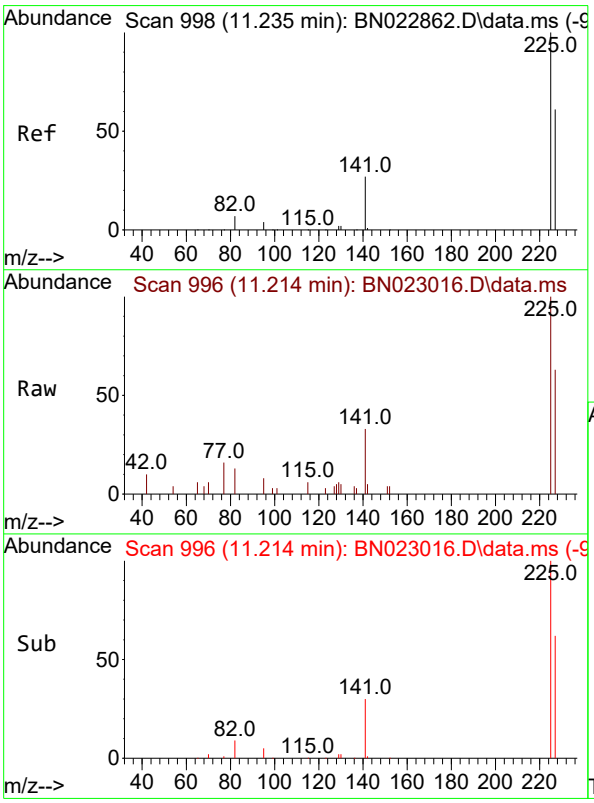

#9
Naphthalene
Concen: 0.313 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:128 Resp: 14221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.0 | 13.4 |
| 127 | 13.4 | 10.8 | 16.2 |

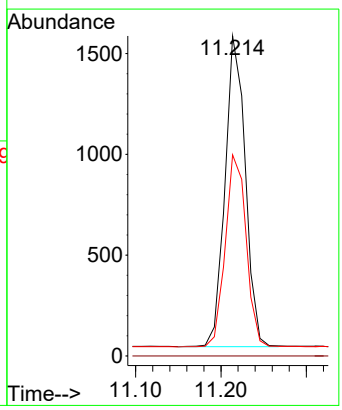


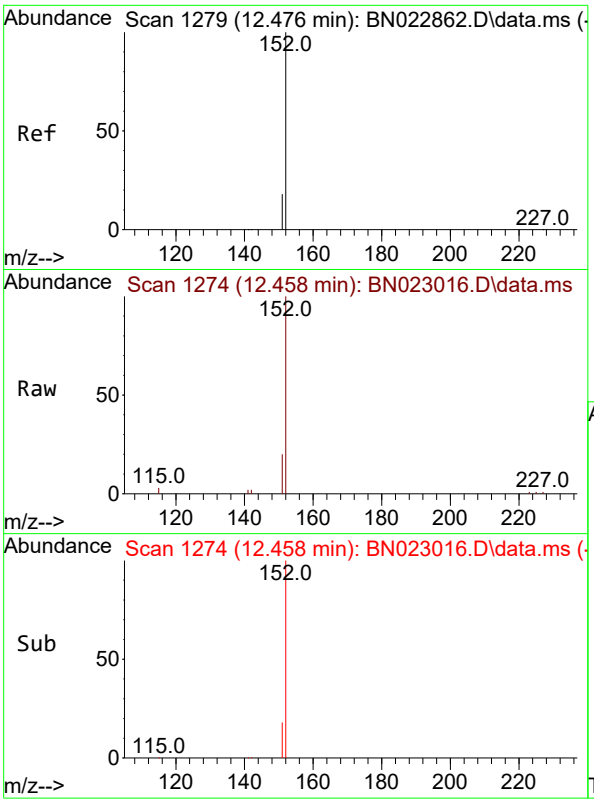




#10
Hexachlorobutadiene
Concen: 0.273 ng
RT: 11.214 min Scan# 996
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:225 Resp: 2541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.4 | 50.8 | 76.2 |



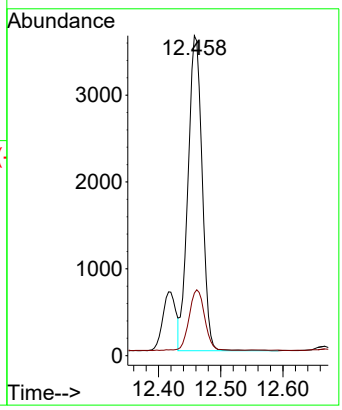


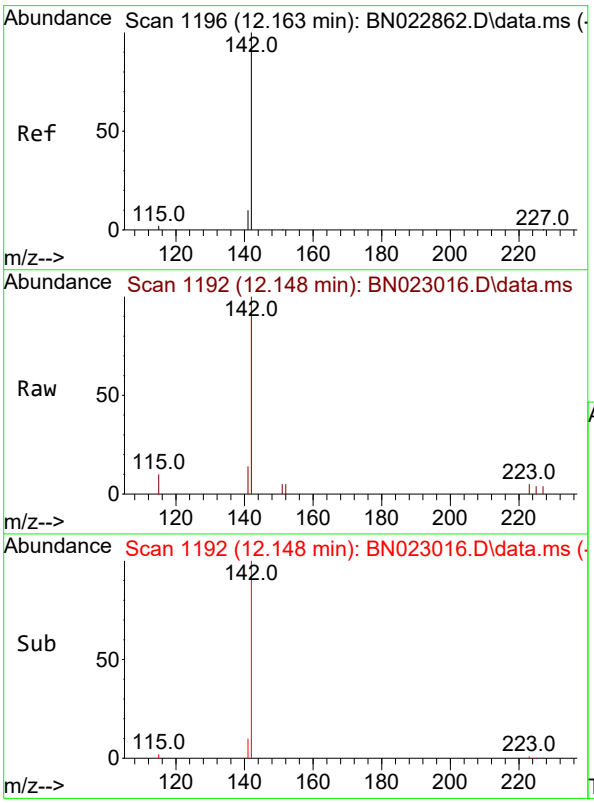

#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.458 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:152 Resp: 8691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 15.6 | 18.6 | 27.8# |

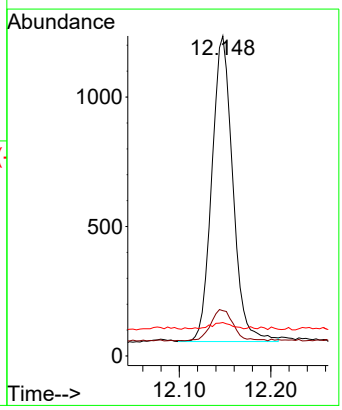


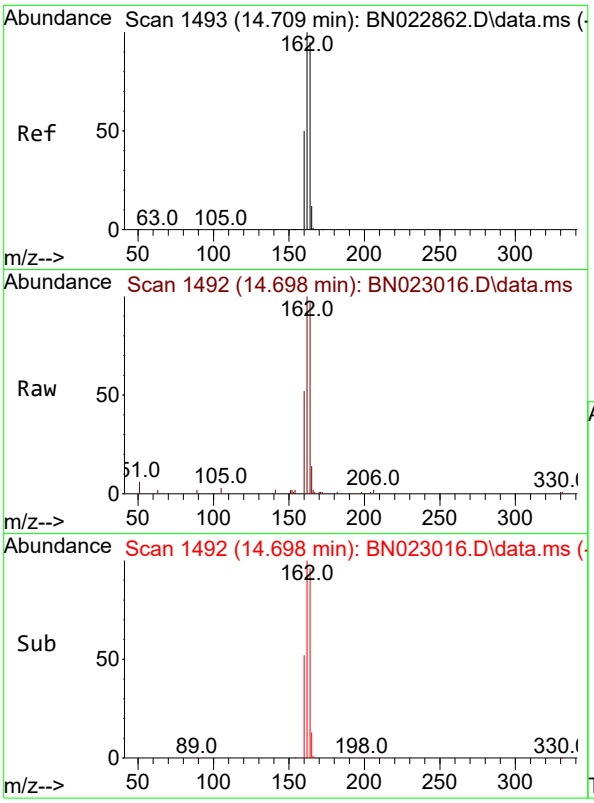




#12
2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.148 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:142 Resp: 1880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 14.2 | 10.1 | 15.1 |
| 115 | 10.4 | 4.6 | 7.0# |



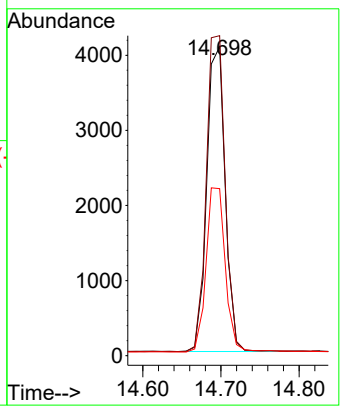


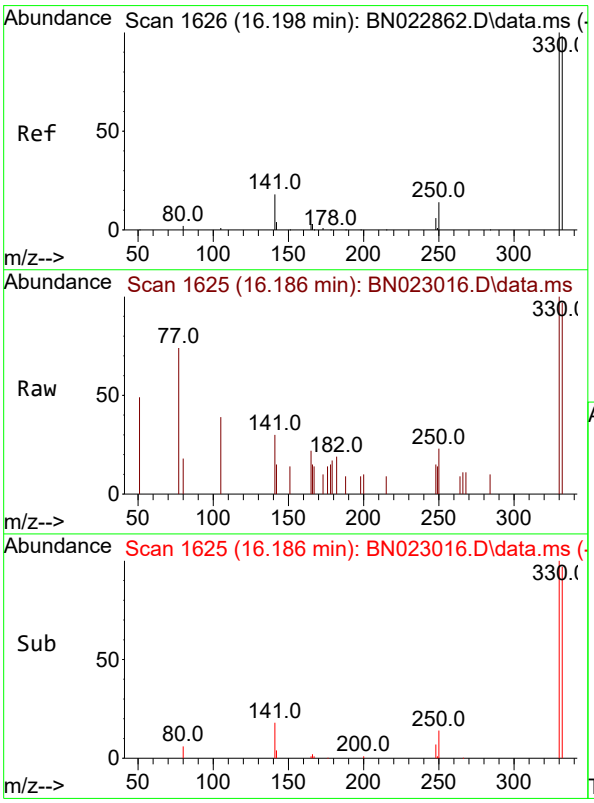

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:164 Resp: 6629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 84.2 | 126.4 |
| 160 | 54.1 | 42.5 | 63.7 |

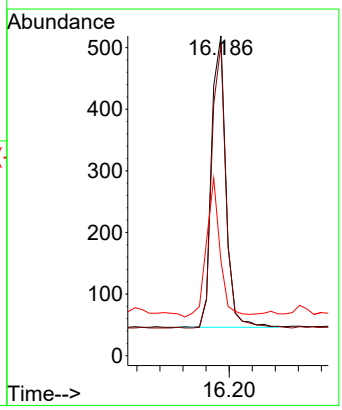


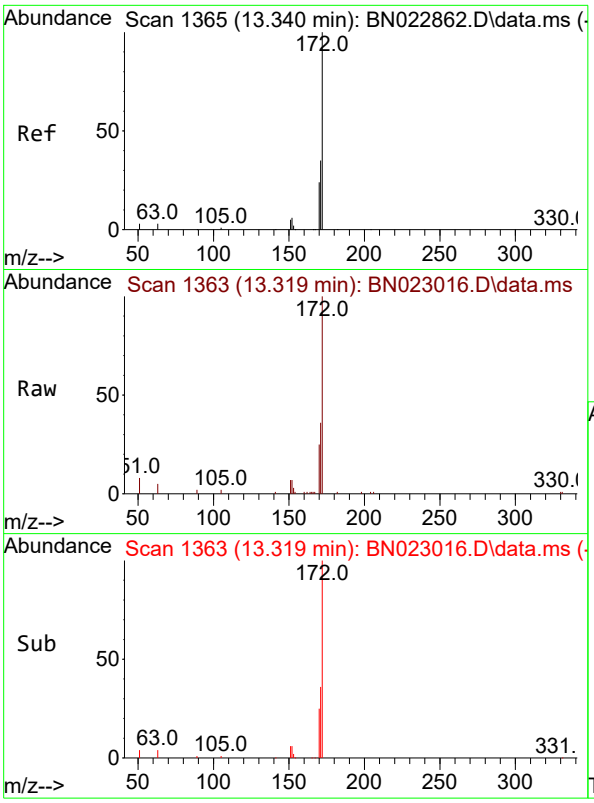




#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:330 Resp: 820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.5 | 114.7 |
| 141 | 45.1 | 32.6 | 48.8 |



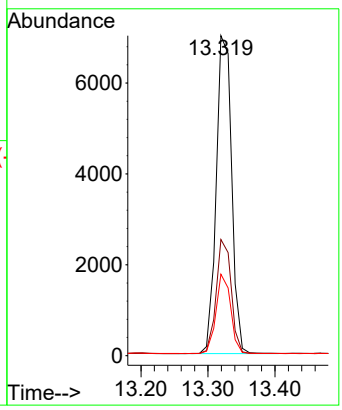


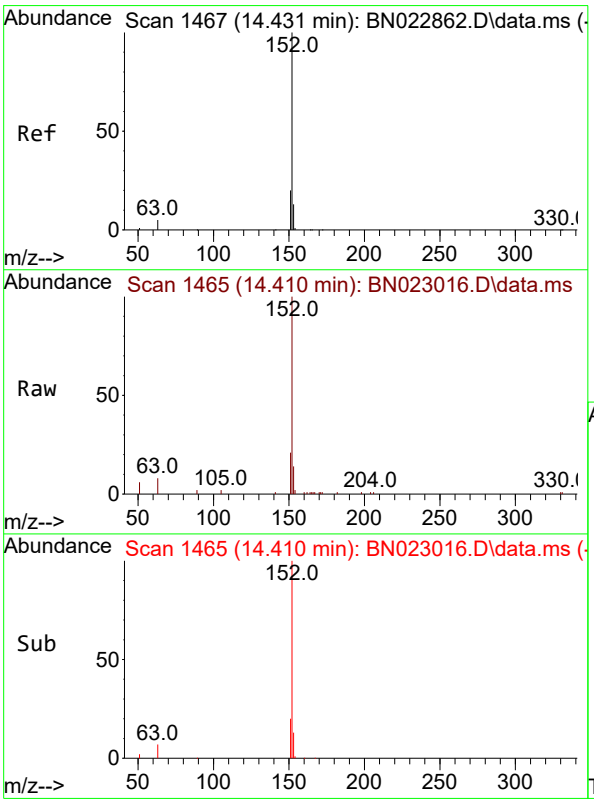

#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:172 Resp: 11206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 28.2 | 42.4 |
| 170 | 25.5 | 19.3 | 28.9 |

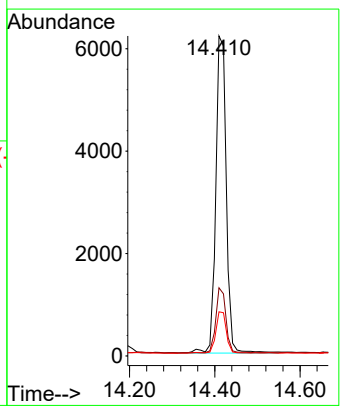


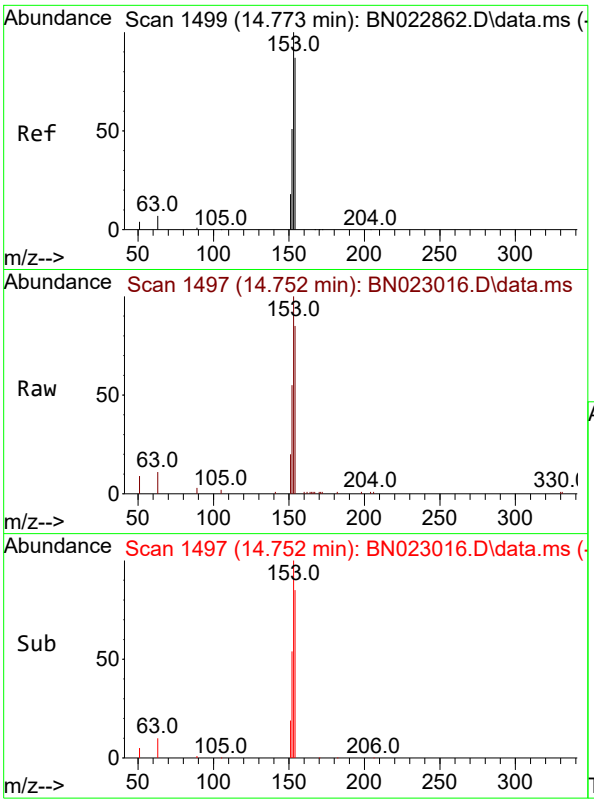




#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.410 min Scan# 1465
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:152 Resp: 10568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.1 | 24.1 |
| 153 | 13.2 | 10.5 | 15.7 |



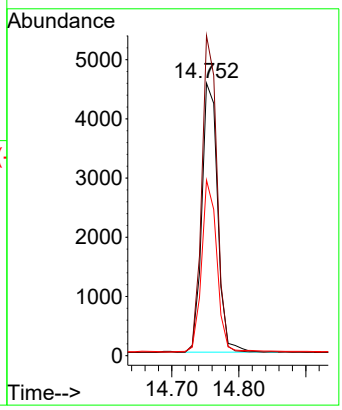


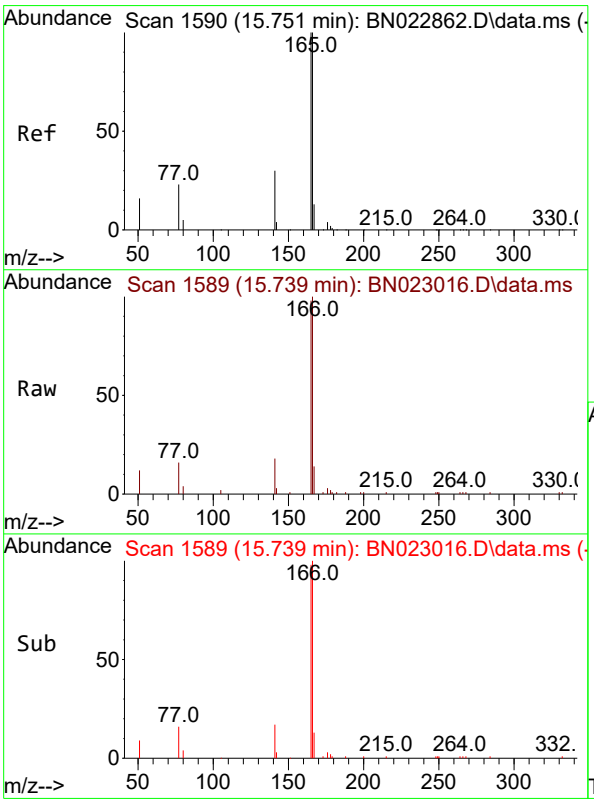

#17
Acenaphthene
Concen: 0.324 ng
RT: 14.752 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:154 Resp: 7471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.0 | 135.0 |
| 152 | 61.6 | 47.0 | 70.6 |

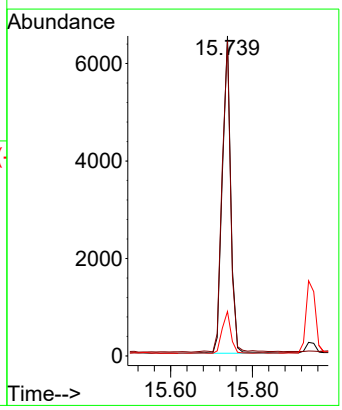


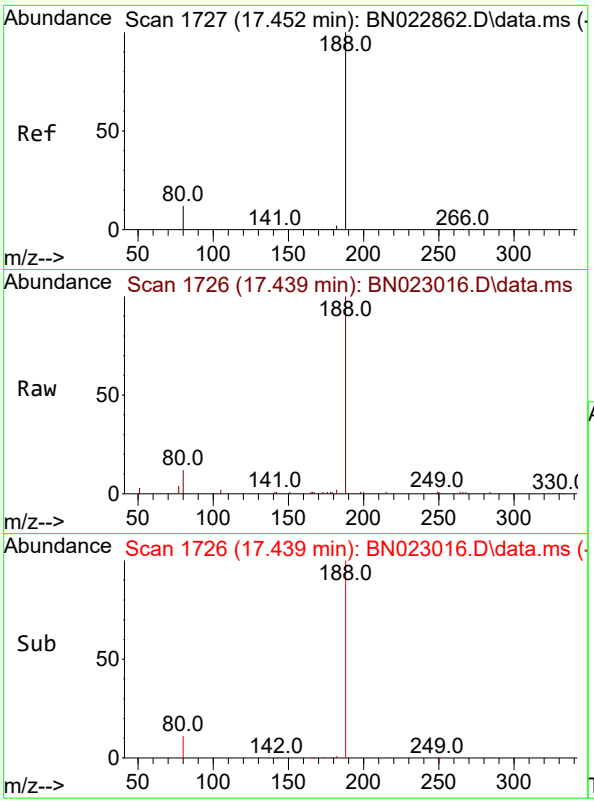




#18
Fluorene
Concen: 0.296 ng
RT: 15.739 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:166 Resp: 8762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.8 | 79.4 | 119.0 |
| 167 | 13.9 | 10.7 | 16.1 |



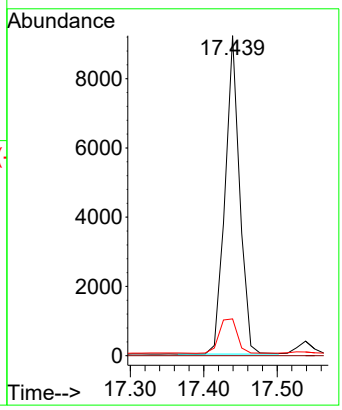


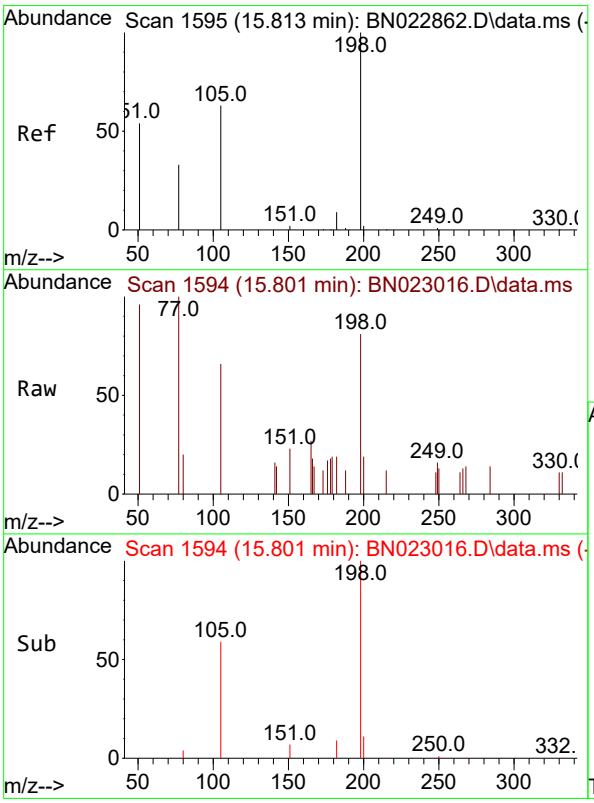

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:188 Resp: 12669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.5 | 10.3 | 15.5 |

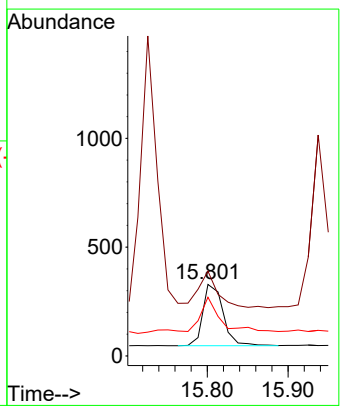


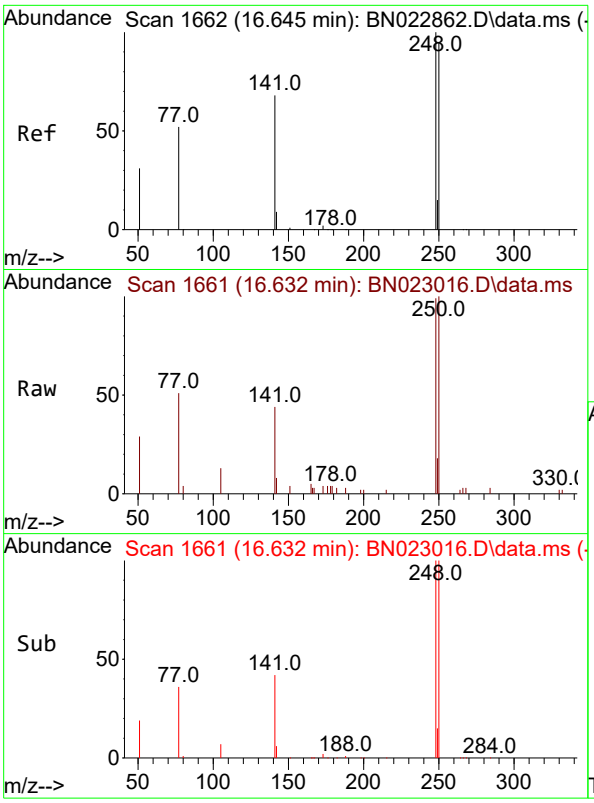




#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.801 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:198 Resp: 493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 118.5 | 80.5 | 120.7 |
| 105 | 82.1 | 70.5 | 105.7 |



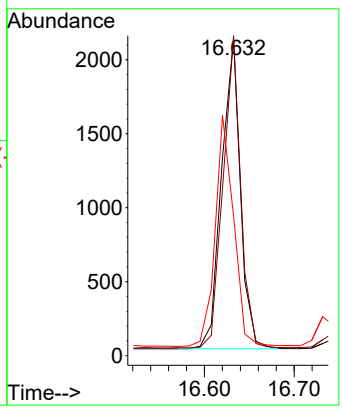


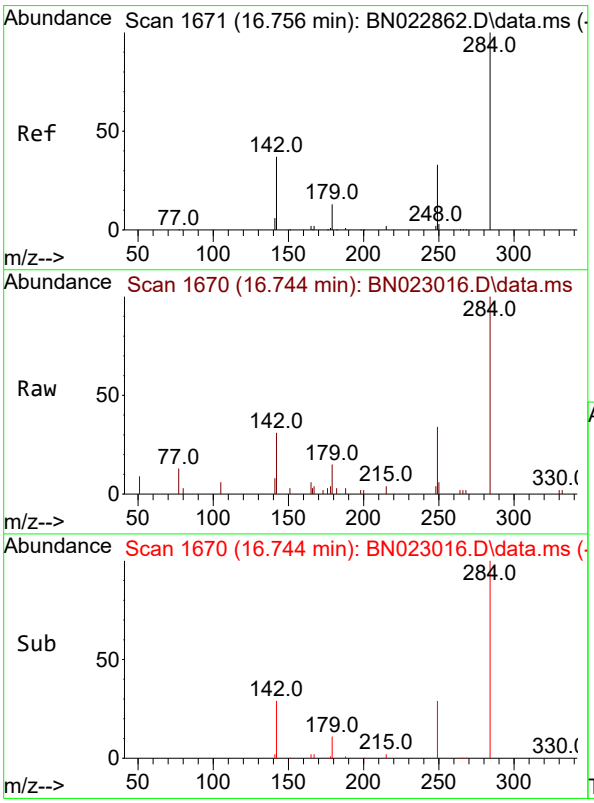

#21
4-Bromophenyl-phenylether
Concen: 0.335 ng
RT: 16.632 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:248 Resp: 3060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.8 | 75.8 | 113.6 |
| 141 | 44.0 | 55.4 | 83.0# |

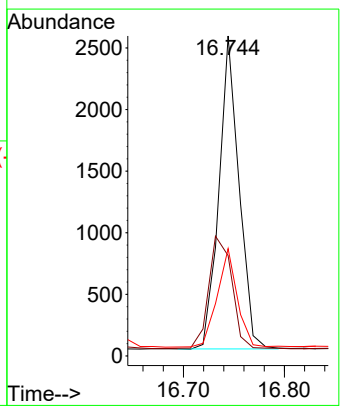


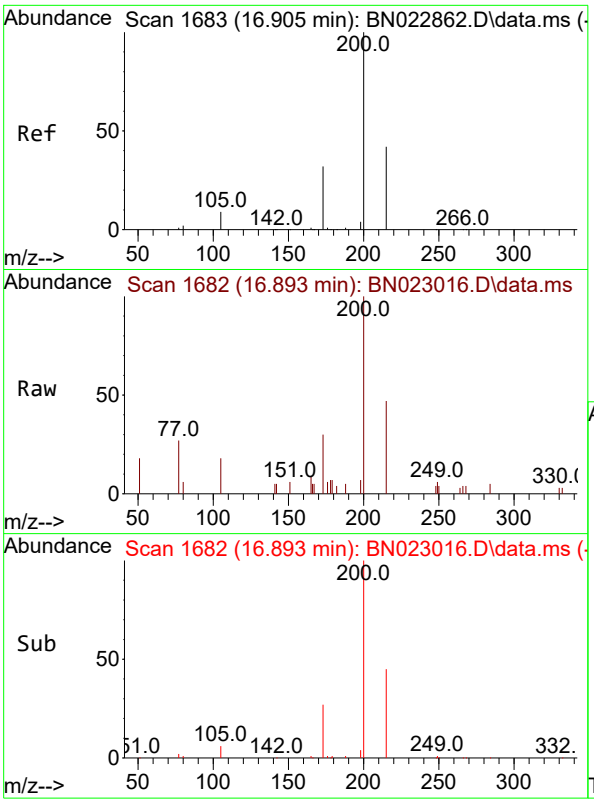




#22
Hexachlorobenzene
Concen: 0.314 ng
RT: 16.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:284 Resp: 3506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.3 | 30.1 | 45.1 |
| 249 | 31.4 | 24.5 | 36.7 |



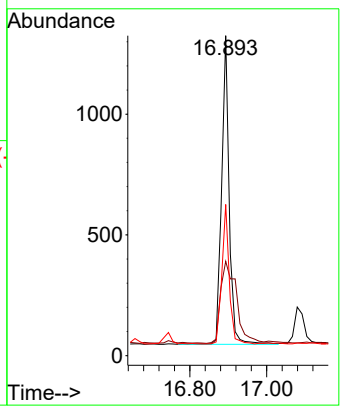


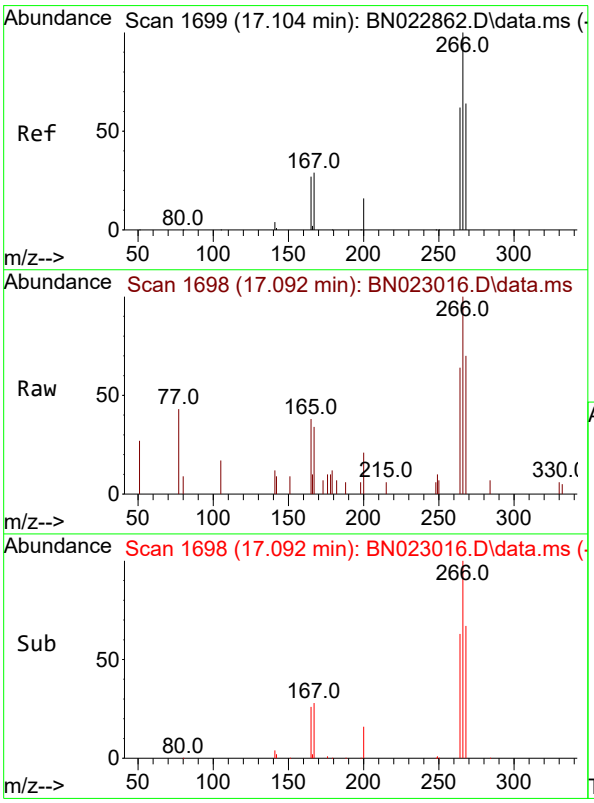

#23
Atrazine
Concen: 0.271 ng
RT: 16.893 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:200 Resp: 1750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.5 | 26.4 | 39.6 |
| 215 | 47.2 | 34.4 | 51.6 |

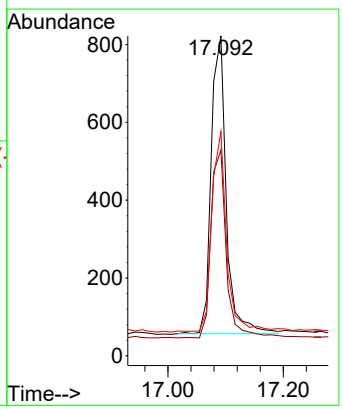


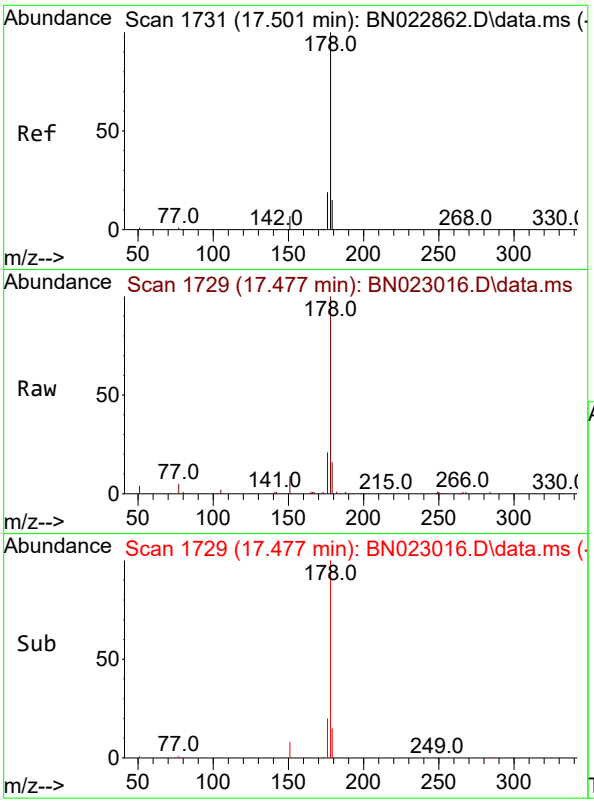




#24
Pentachlorophenol
Concen: 0.452 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:266 Resp: 1380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 65.2 | 50.0 | 75.0 |
| 268 | 66.7 | 50.9 | 76.3 |



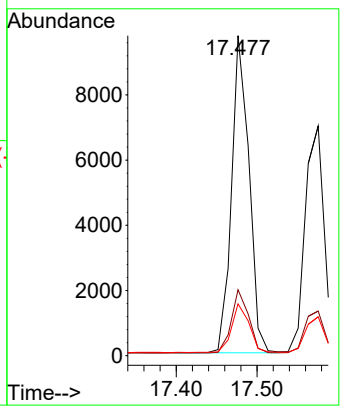


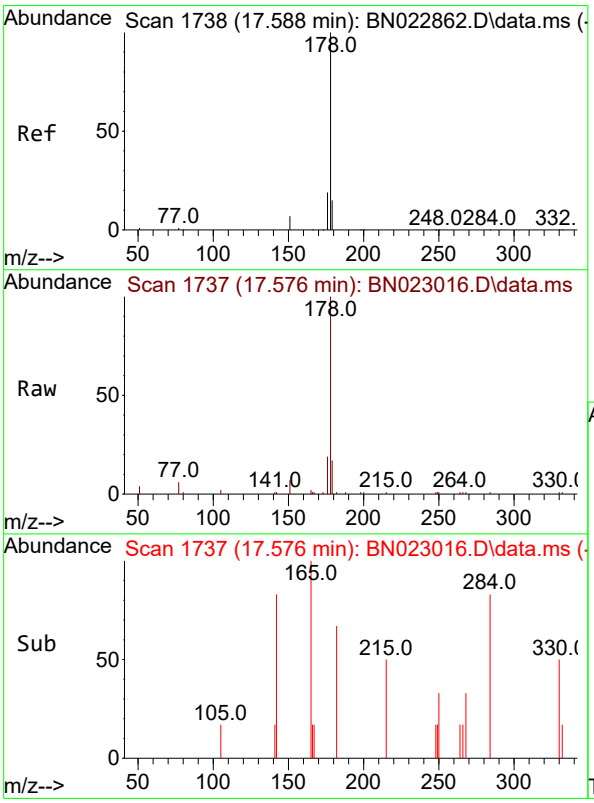

#25
Phenanthrene
Concen: 0.332 ng
RT: 17.477 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:178 Resp: 14627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.6 | 23.4 |
| 179 | 15.6 | 12.2 | 18.2 |

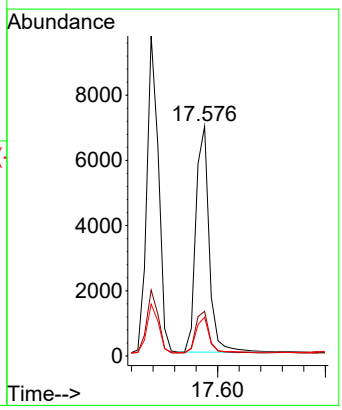


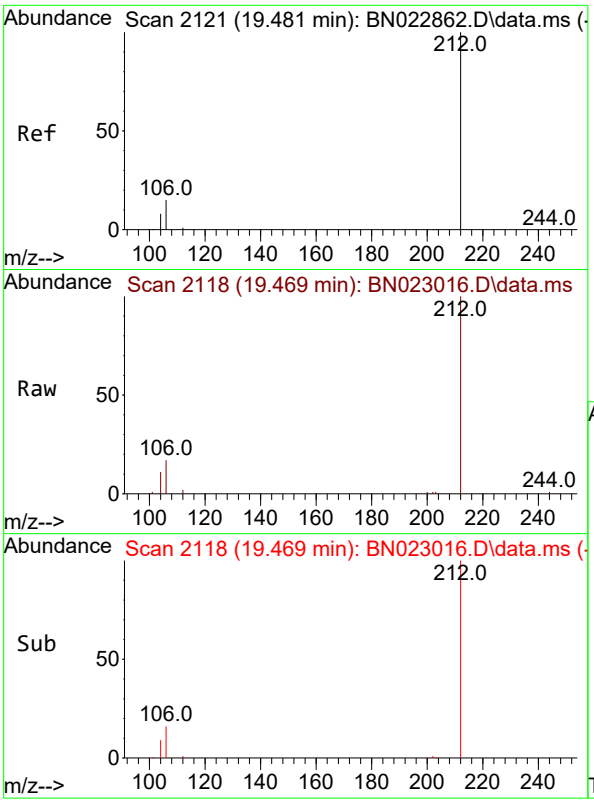




#26
Anthracene
Concen: 0.313 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:178 Resp: 11960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.2 | 22.8 |
| 179 | 15.4 | 12.2 | 18.2 |



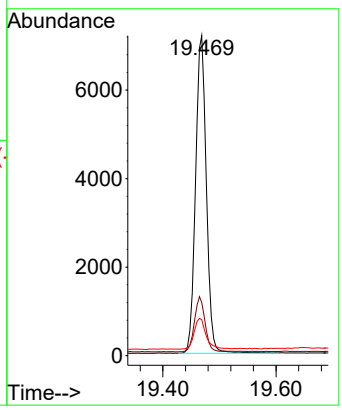


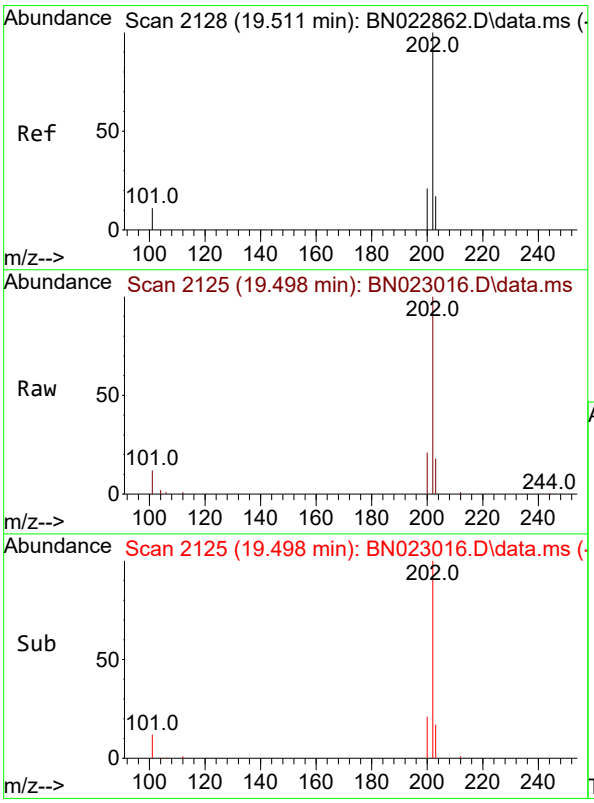

#27
Fluoranthene-d10
Concen: 0.277 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:212 Resp: 9542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 17.1 | 12.3 | 18.5 |
| 104 | 10.7 | 7.0 | 10.4# |

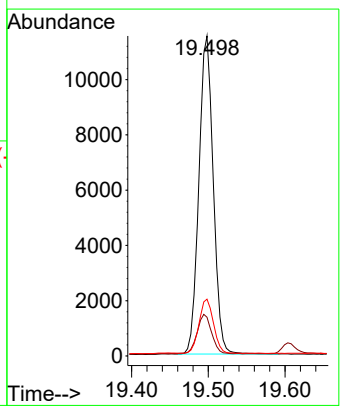


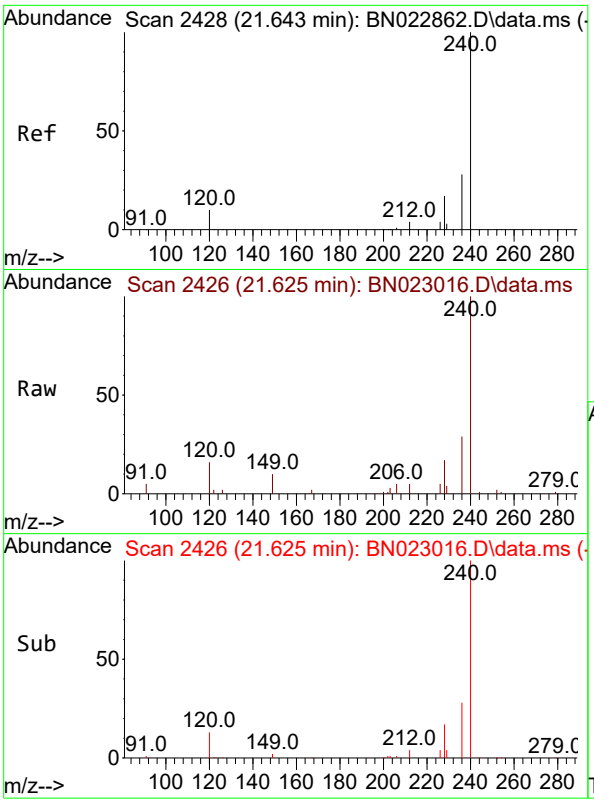




#28
Fluoranthene
Concen: 0.321 ng
RT: 19.498 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:202 Resp: 15015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 9.3 | 13.9 |
| 203 | 17.1 | 13.7 | 20.5 |



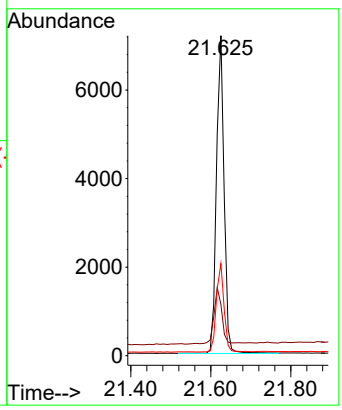


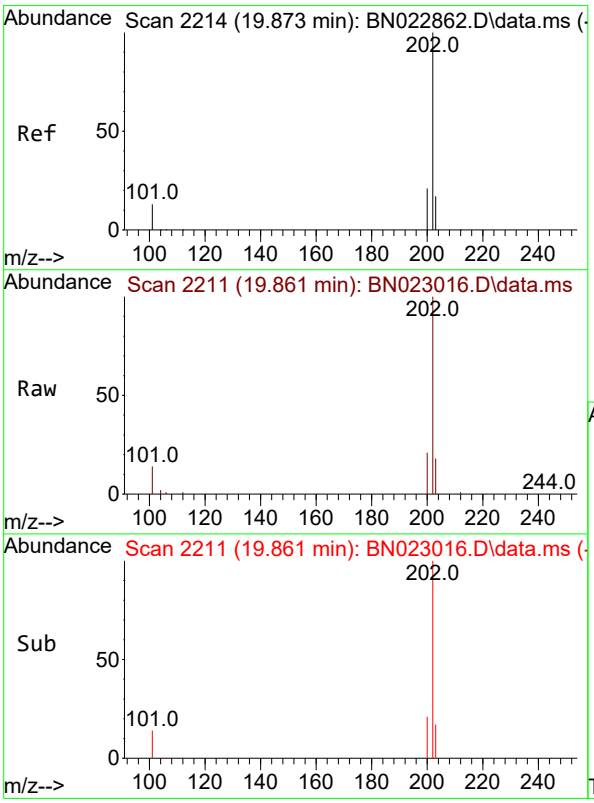

#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:240 Resp: 9480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.0 | 9.2 | 13.8# |
| 236 | 28.8 | 22.6 | 34.0 |

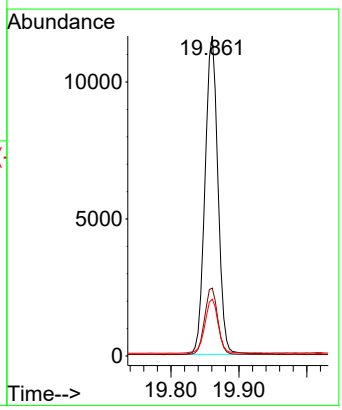


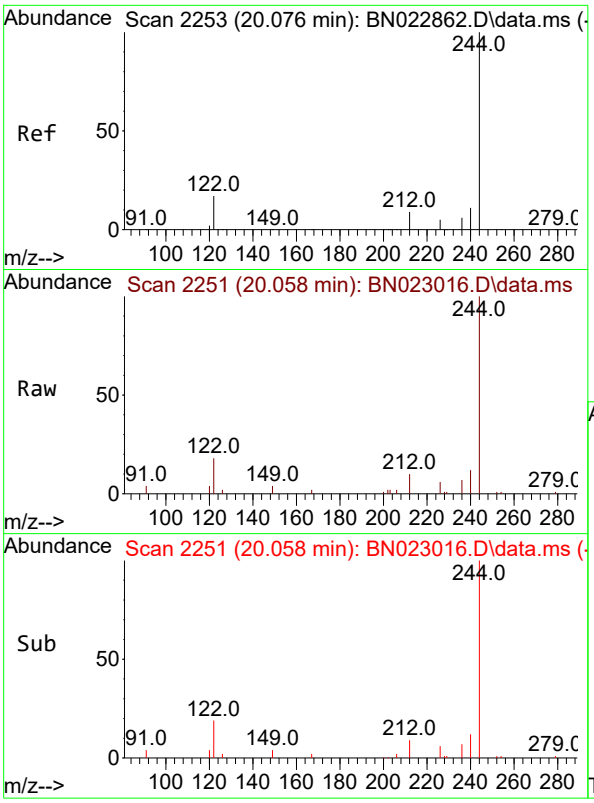




#30
Pyrene
Concen: 0.310 ng
RT: 19.861 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:202 Resp: 15280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.0 | 25.4 |
| 203 | 17.6 | 14.2 | 21.2 |



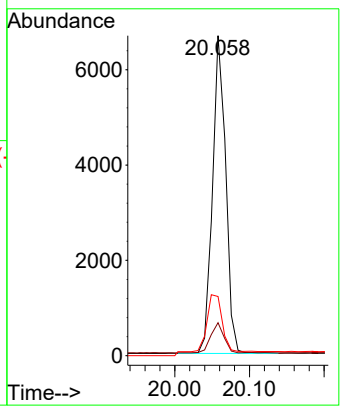


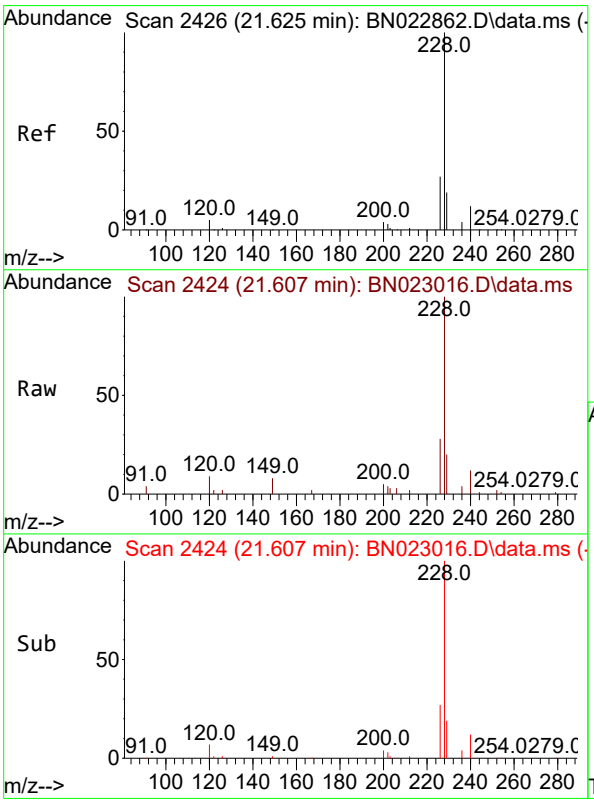

#31
Terphenyl-d14
Concen: 0.367 ng
RT: 20.058 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:244 Resp: 8170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.3 | 7.9 | 11.9 |
| 122 | 18.5 | 13.9 | 20.9 |

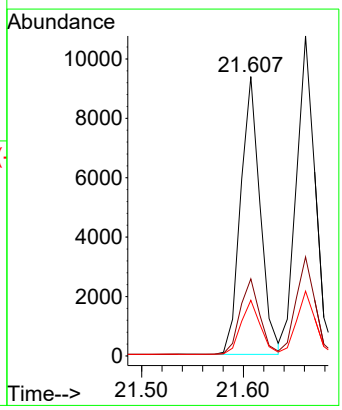


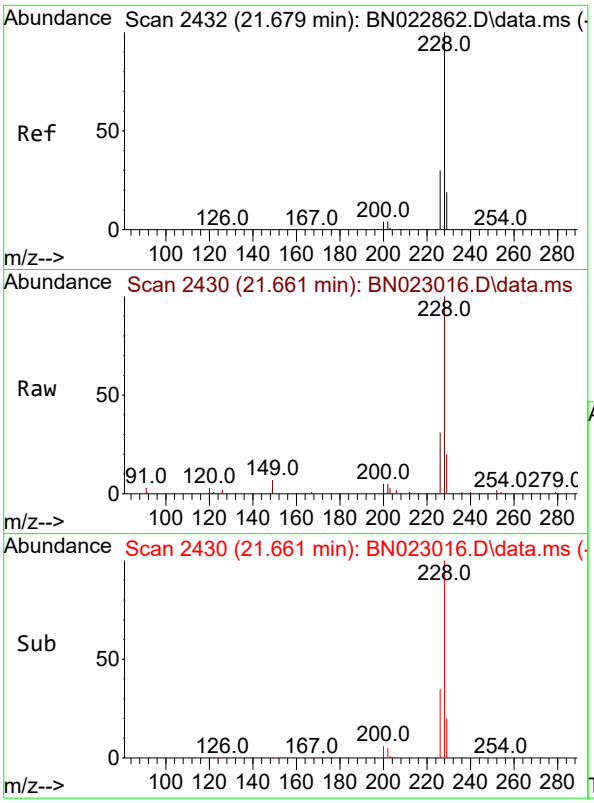




#32
Benzo(a)anthracene
Concen: 0.325 ng
RT: 21.607 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:228 Resp: 12437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.1 | 33.1 |
| 229 | 19.9 | 15.8 | 23.6 |



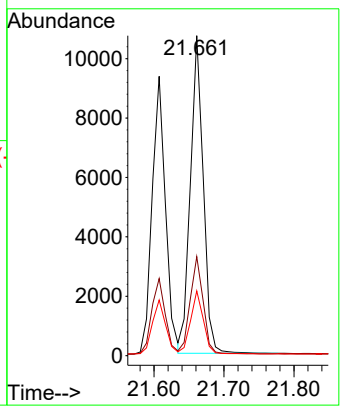


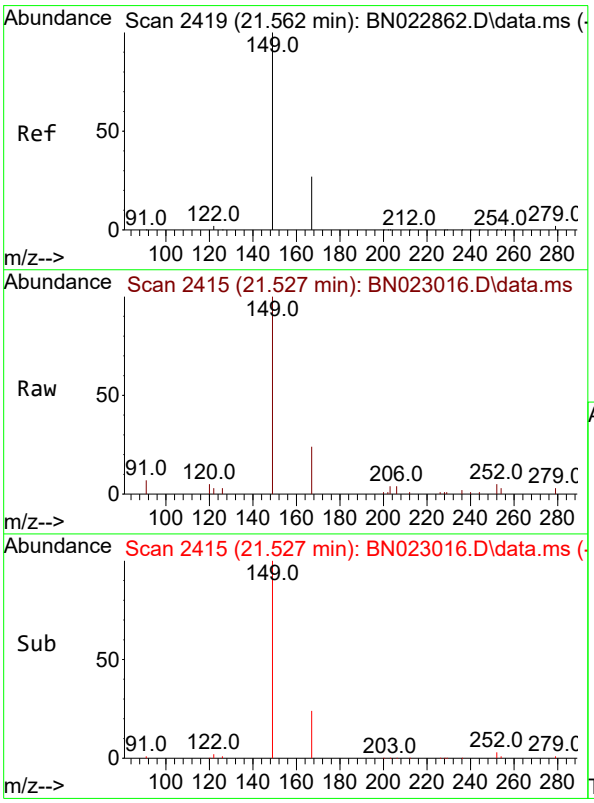

#33
Chrysene
Concen: 0.345 ng
RT: 21.661 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:228 Resp: 13699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.5 | 36.7 |
| 229 | 20.3 | 15.8 | 23.6 |

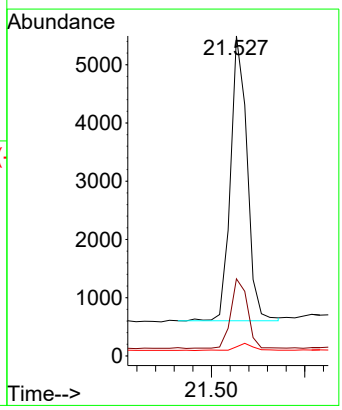


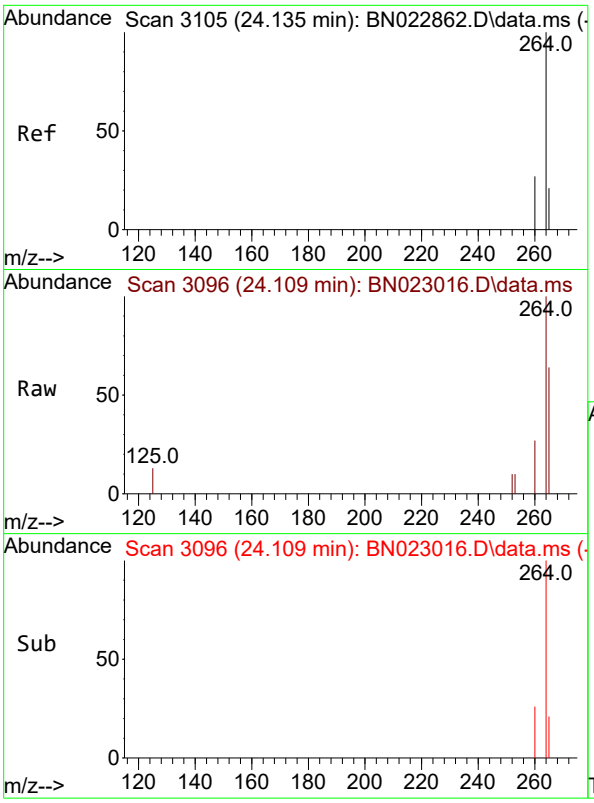




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.527 min Scan# 2415
Delta R.T. -0.013 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:149 Resp: 6038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.3 | 21.3 | 31.9 |
| 279 | 3.0 | 2.3 | 3.5 |



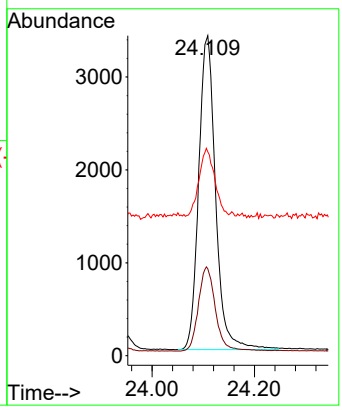


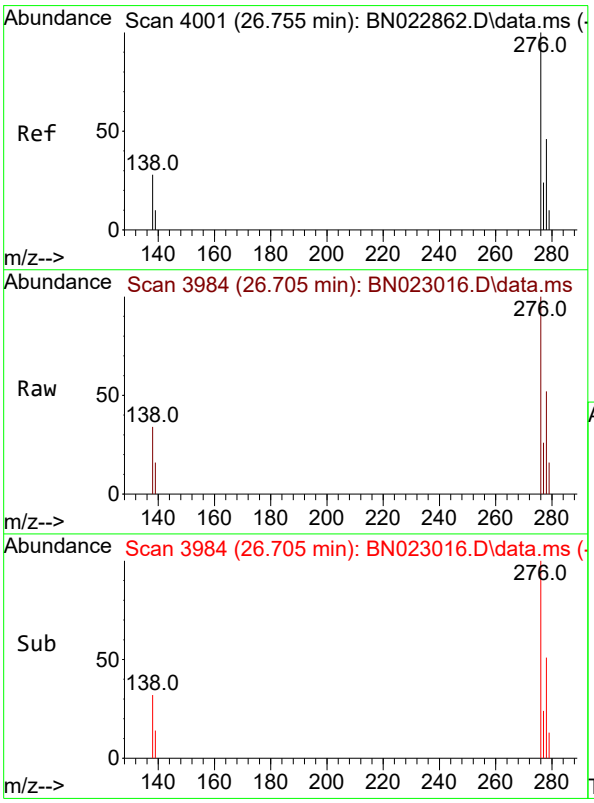

#35
Perylene-d12
Concen: 0.400 ng
RT: 24.109 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:264 Resp: 7748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.1 | 21.7 | 32.5 |
| 265 | 63.7 | 31.0 | 46.4# |

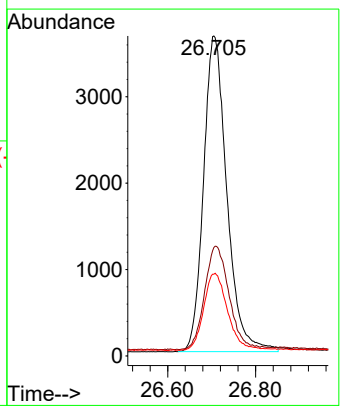


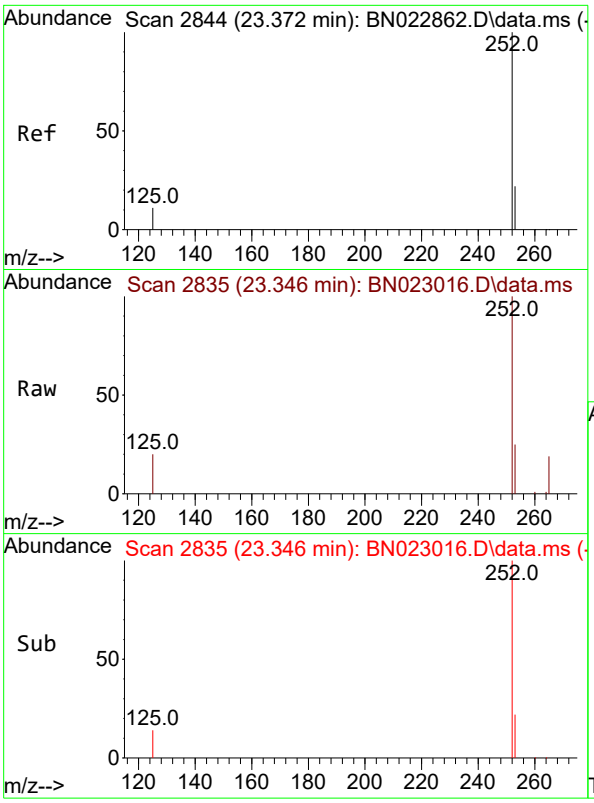




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 26.705 min Scan# 3984
Delta R.T. -0.013 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:276 Resp: 13483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 34.0 | 24.4 | 36.6 |
| 277 | 24.9 | 19.9 | 29.9 |



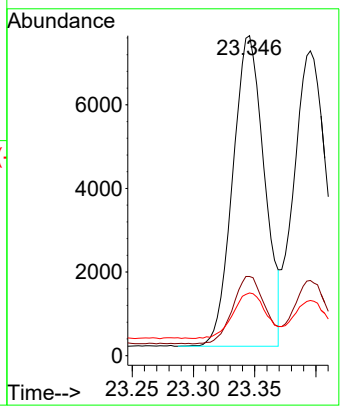


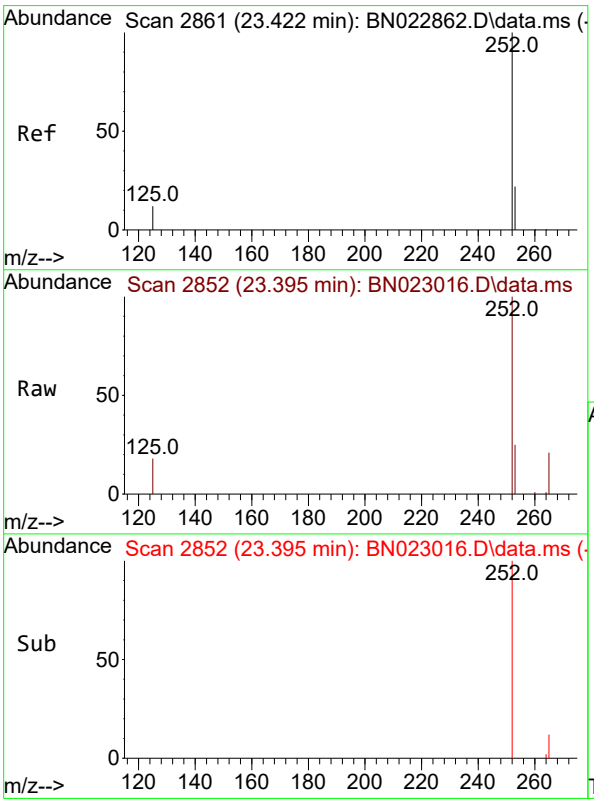

#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.346 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:252 Resp: 13325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 18.5 | 27.7 |
| 125 | 19.6 | 10.8 | 16.2# |

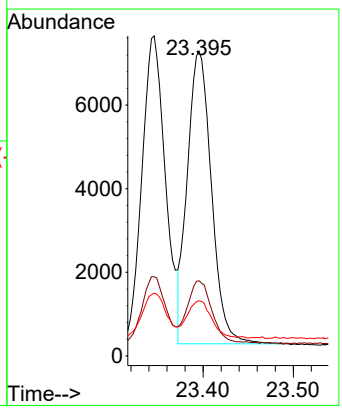


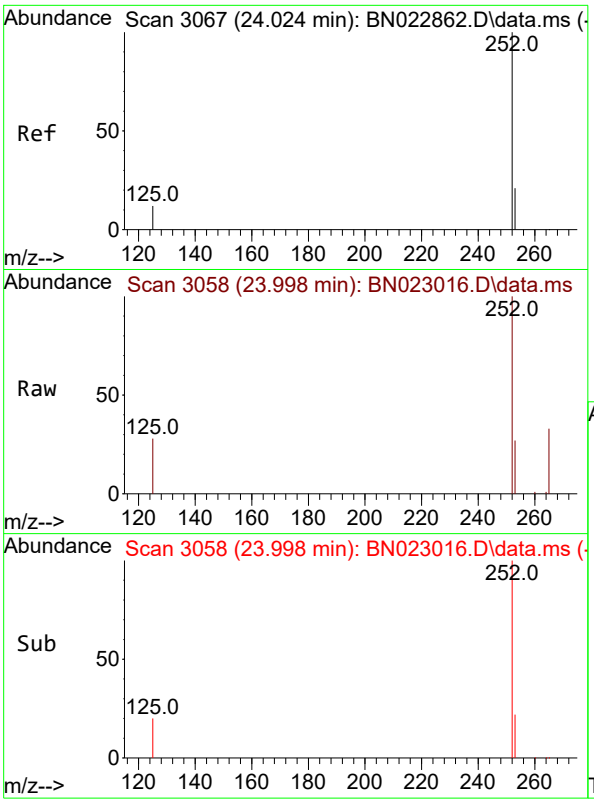




#38
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.395 min Scan# 2852
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:252 Resp: 12985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.7 | 18.6 | 27.8 |
| 125 | 18.1 | 11.0 | 16.4# |



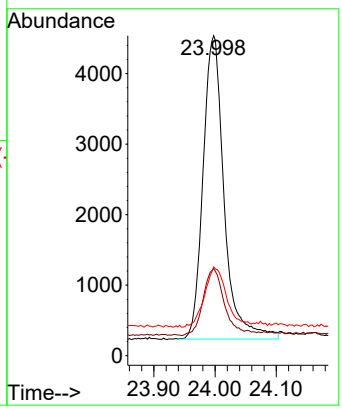


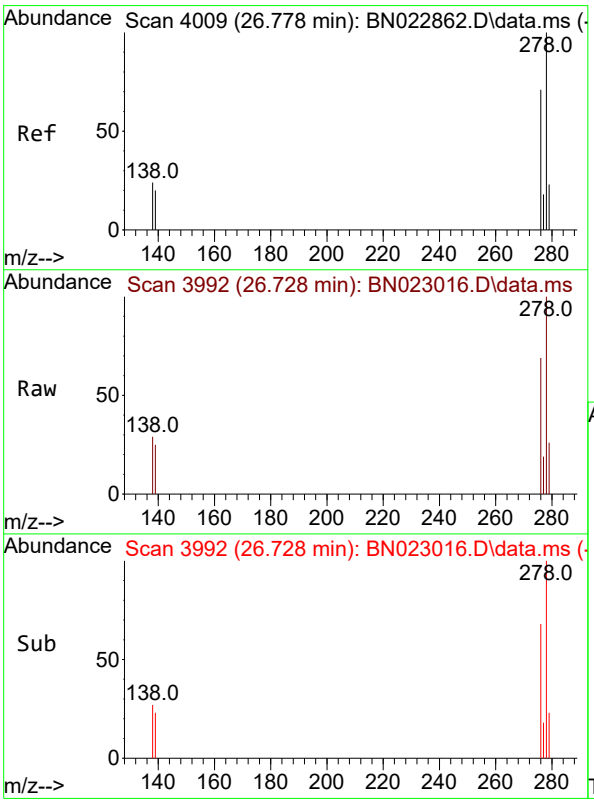

#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.998 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:252 Resp: 10283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.3 | 19.2 | 28.8 |
| 125 | 27.8 | 12.7 | 19.1# |

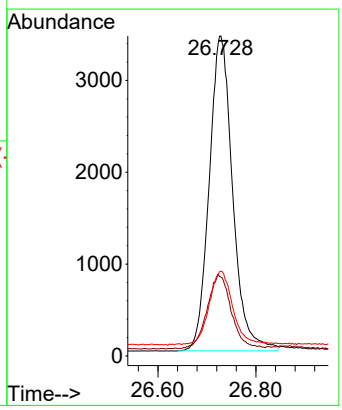


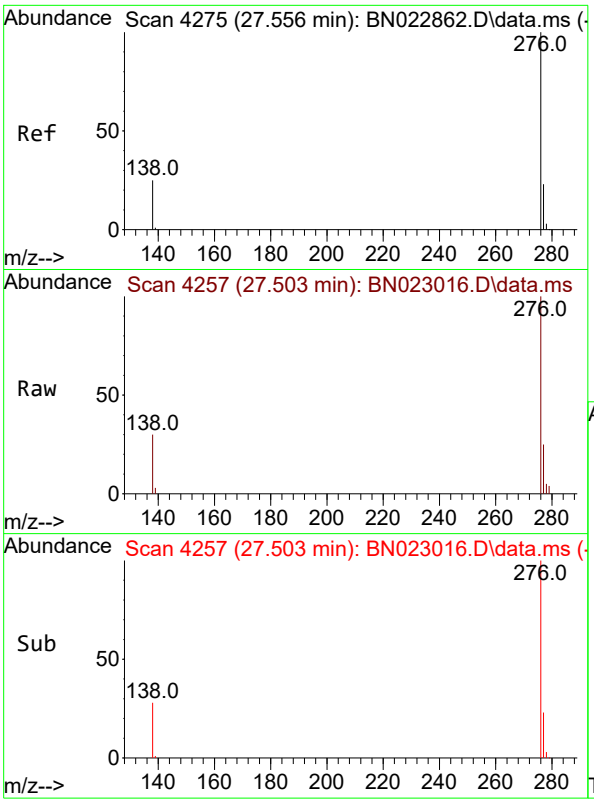




#40
Dibenzo(a,h)anthracene
Concen: 0.447 ng
RT: 26.728 min Scan# 3992
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

Tgt Ion:278 Resp: 11403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 24.7 | 17.4 | 26.0 |
| 279 | 26.4 | 20.0 | 30.0 |






#41
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 27.503 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN023016.D
Acq: 01 Dec 2022 13:01

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20221117MSD

Tgt Ion:276 Resp: 11535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 19.7 | 29.5 |
| 138 | 30.2 | 21.4 | 32.2 |