Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021756.D
Acq On : 14 Sep 2022 20:39
Operator : CG/JU
Sample : N4549-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Quant Time: Sep 15 02:12:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.054 | 152 | 5149 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.888 | 136 | 17563 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.707 | 164 | 11877 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.456 | 188 | 22635 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.647 | 240 | 16849 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.157 | 264 | 13110 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.584 | 112 | 2297 | 0.171 | ng | 0.00 |
| 5) Phenol-d6 | 7.209 | 99 | 1851 | 0.108 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.233 | 82 | 4809 | 0.331 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.471 | 152 | 13745 | 0.310 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.197 | 330 | 2157 | 0.397 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.339 | 172 | 17410 | 0.359 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.490 | 212 | 24750 | 0.406 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.080 | 244 | 16168 | 0.420 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.786 | 42 | 187 | 0.028 | ng | # 1 |
| 9) Naphthalene | 10.941 | 128 | 2108 | 0.041 | ng | # 13 |
| 16) Acenaphthylene | 14.429 | 152 | 4308 | 0.076 | ng | # 15 |
| 17) Acenaphthene | 14.771 | 154 | 23281 | 0.601 | ng | 99 |
| 18) Fluorene | 15.747 | 166 | 2885 | 0.056 | ng | # 94 |
| 23) Atrazine | 16.913 | 200 | 737 | 0.064 | ng | # 1 |
| 26) Anthracene | 17.594 | 178 | 7068 | 0.110 | ng | # 80 |
| 28) Fluoranthene | 19.519 | 202 | 2207 | 0.027 | ng | 97 |
| 30) Pyrene | 19.882 | 202 | 5015 | 0.060 | ng | # 85 |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149 | 9339 | 0.216 | ng | 97 |

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

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Misc :
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**Instrument :**
BNA_N
**ClientSampleId :**
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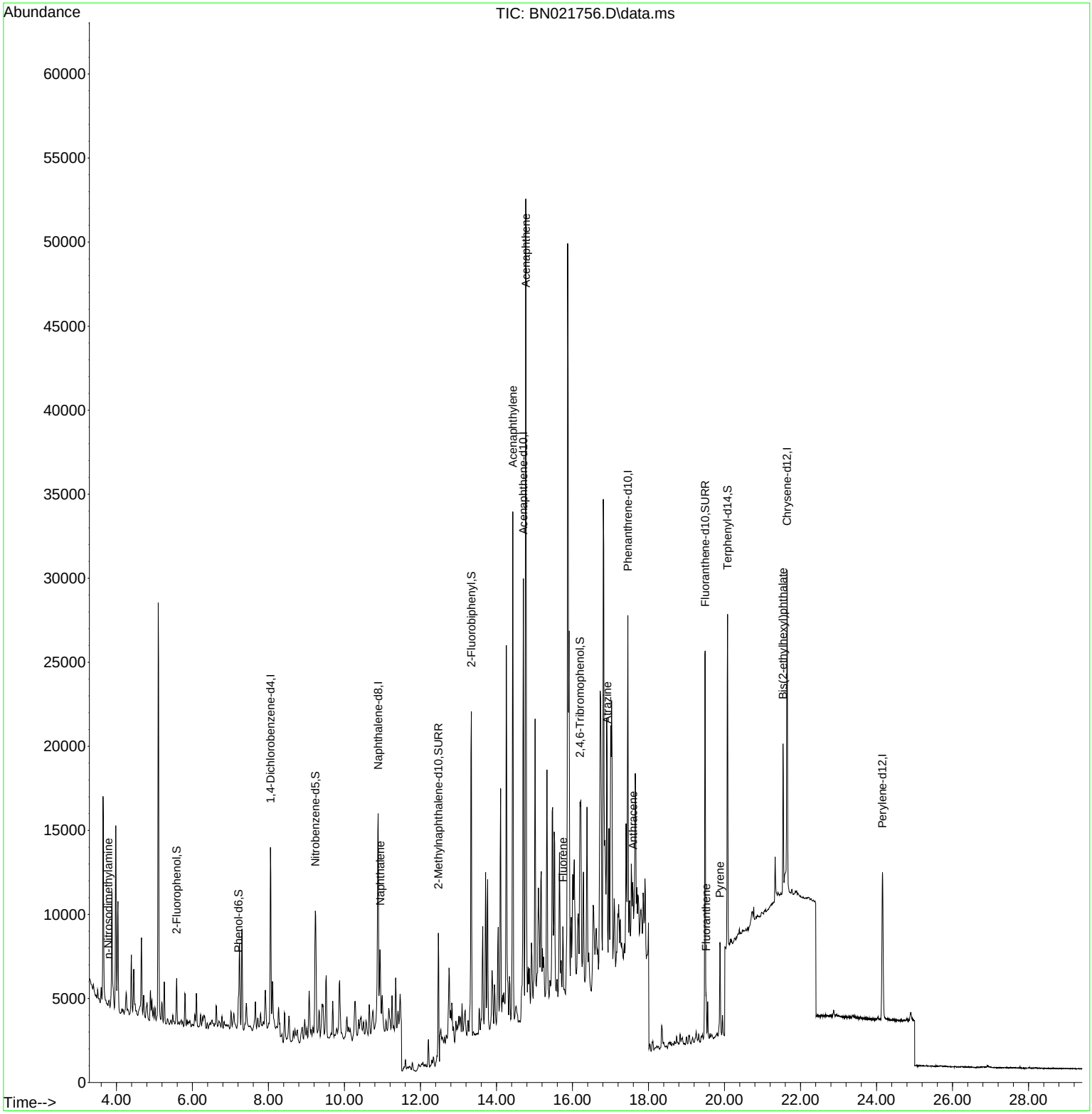
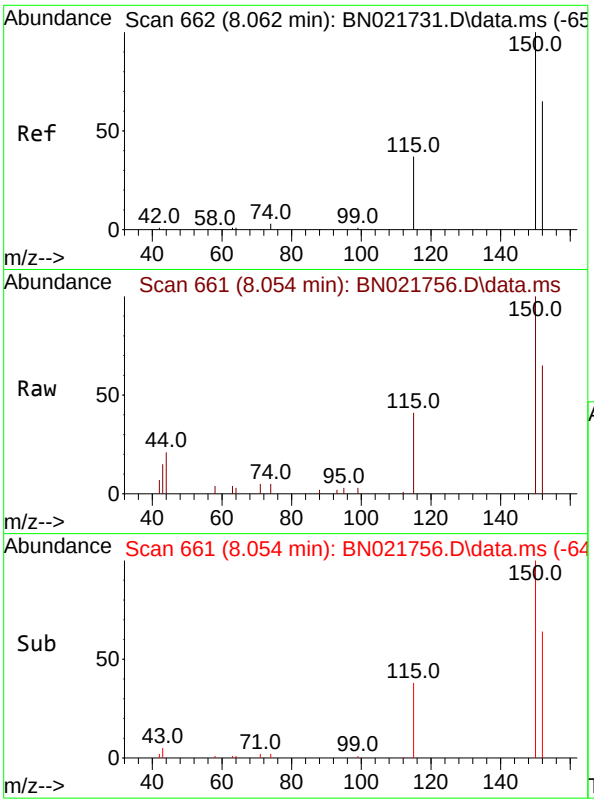
Quant Time: Sep 15 02:12:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration



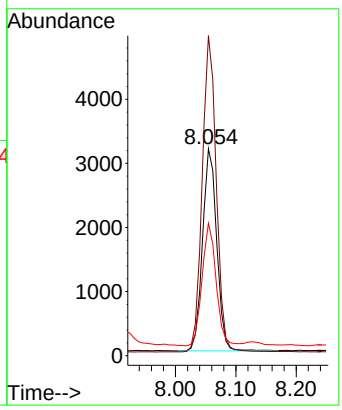


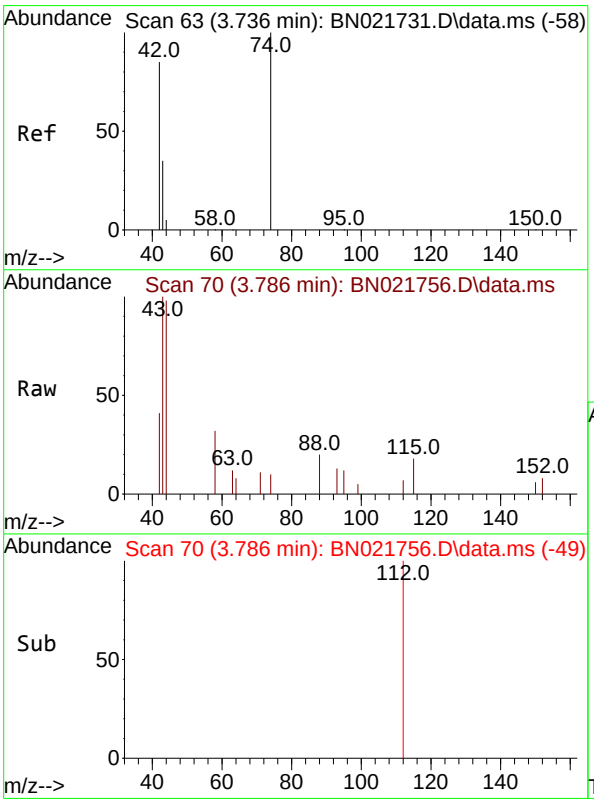

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:152 Resp: 5149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 121.8 | 182.8 |
| 115 | 64.0 | 48.3 | 72.5 |

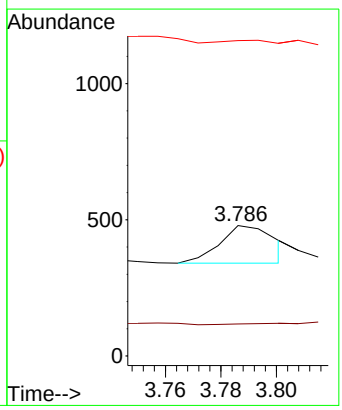


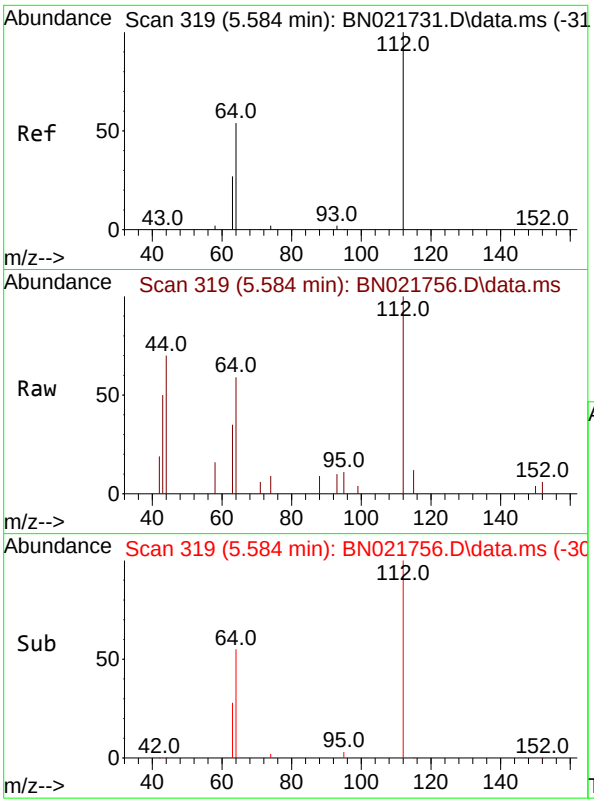




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.786 min Scan# 70
Delta R.T. 0.051 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion: 42 Resp: 187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 116.3 | 174.5# |
| 44 | 0.0 | 9.0 | 13.4# |



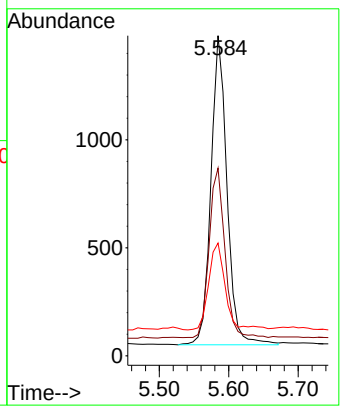


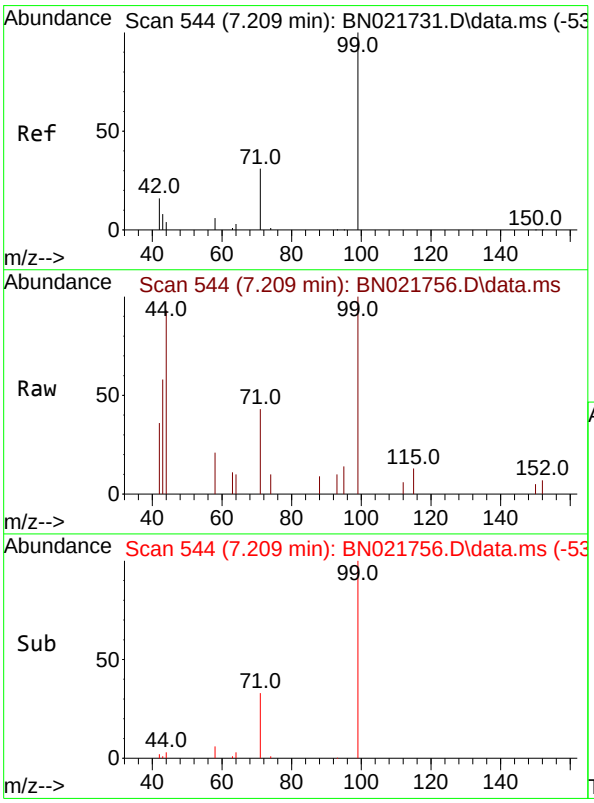

#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.584 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:112 Resp: 2297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.8 | 45.4 | 68.2 |
| 63 | 28.2 | 23.3 | 34.9 |

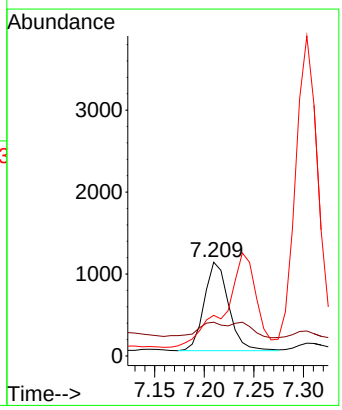


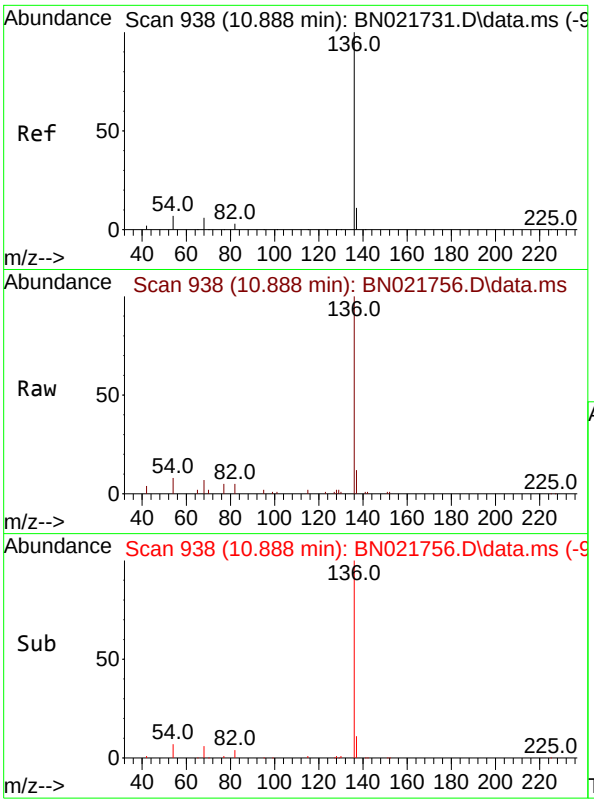




#5
Phenol-d6
Concen: 0.108 ng
RT: 7.209 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion: 99 Resp: 1851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 15.1 | 22.7 |
| 71 | 0.0 | 25.3 | 37.9# |



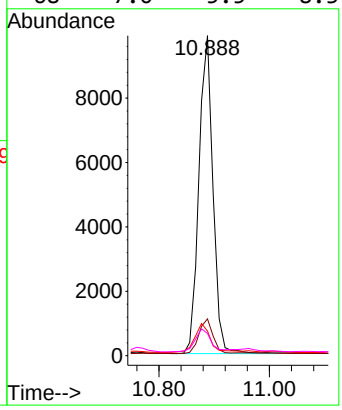


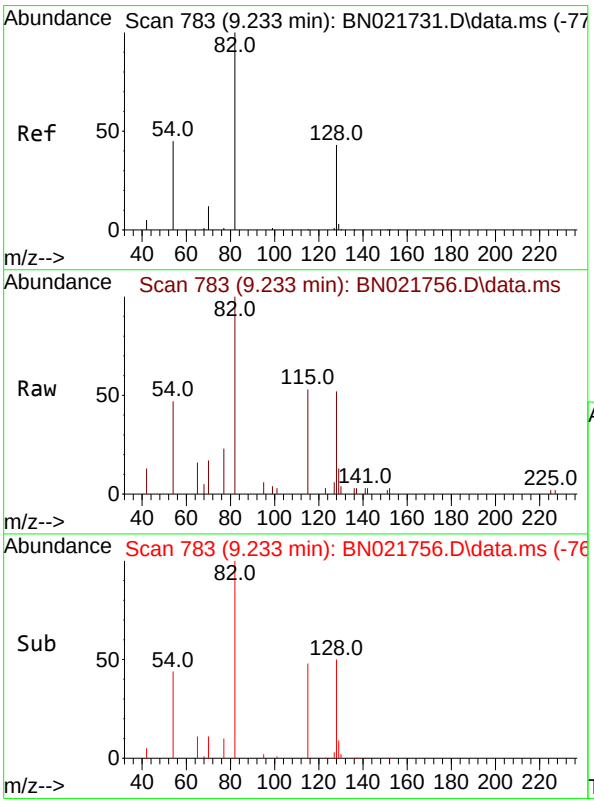

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:136 Resp: 17563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.1 | 13.7 |
| 54 | 7.7 | 6.4 | 9.6 |
| 68 | 7.0 | 5.5 | 8.3 |

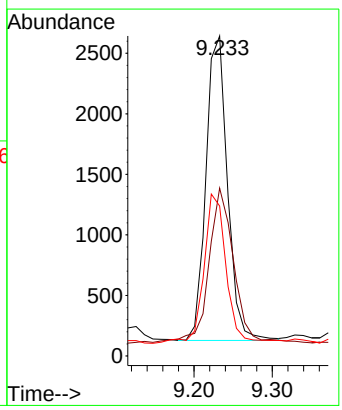


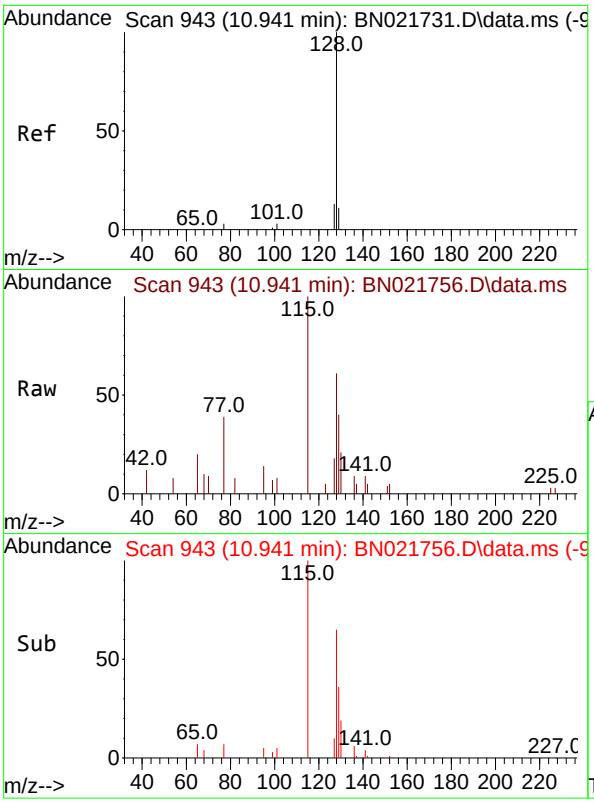




#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion: 82 Resp: 4809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.4 | 35.6 | 53.4 |
| 54 | 46.9 | 37.8 | 56.8 |



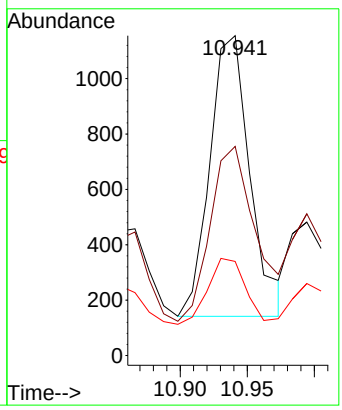


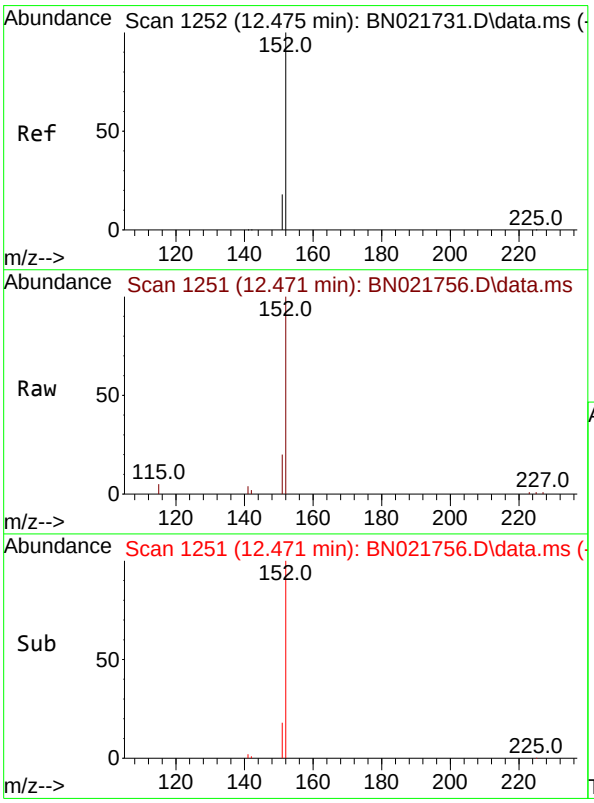

#9
Naphthalene
Concen: 0.041 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:128 Resp: 2108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 65.4 | 9.2 | 13.8# |
| 127 | 29.4 | 10.5 | 15.7# |

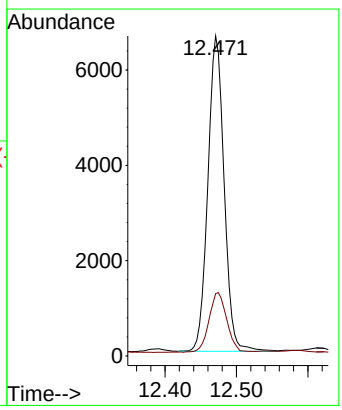


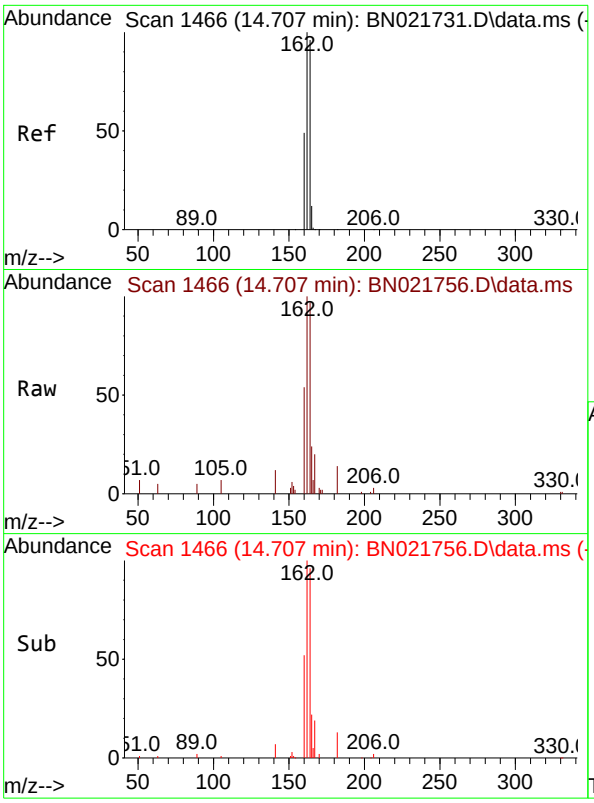




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:152 Resp: 13745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.1 | 15.6 | 23.4 |



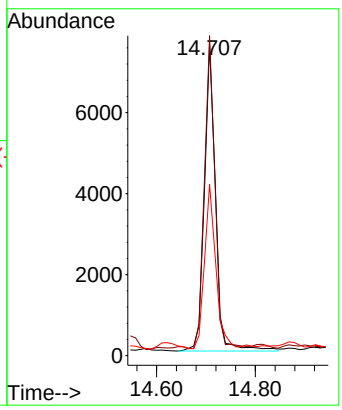


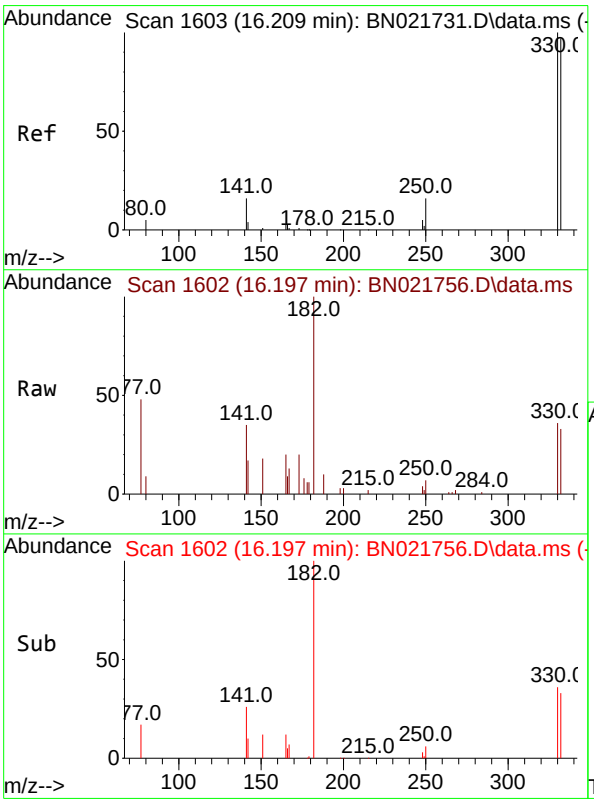

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:164 Resp: 11877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.0 | 83.2 | 124.8 |
| 160 | 55.2 | 40.9 | 61.3 |

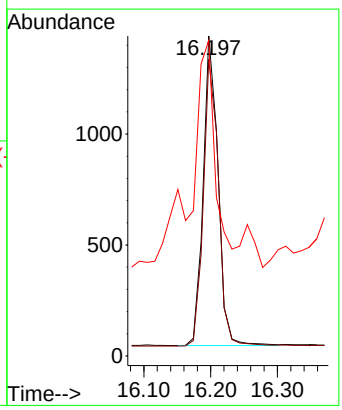


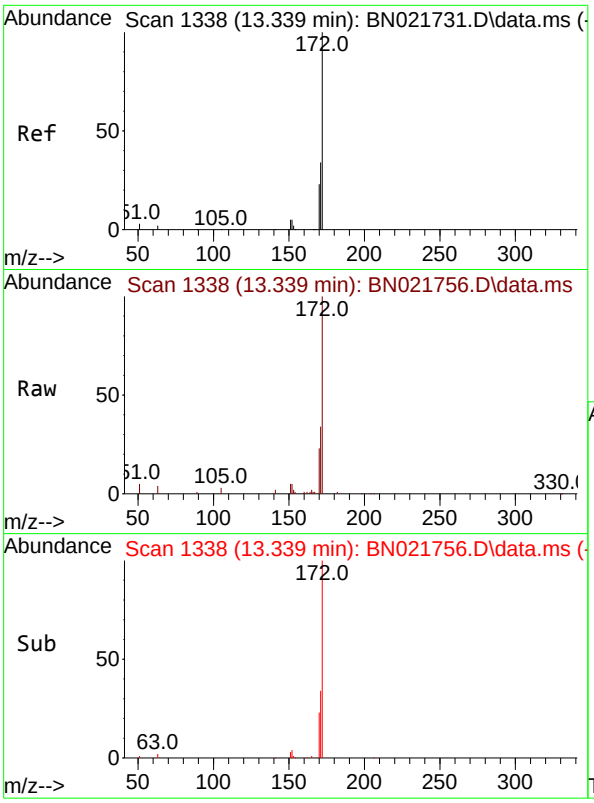




#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:330 Resp: 2157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.4 | 76.8 | 115.2 |
| 141 | 97.2 | 37.2 | 55.8# |



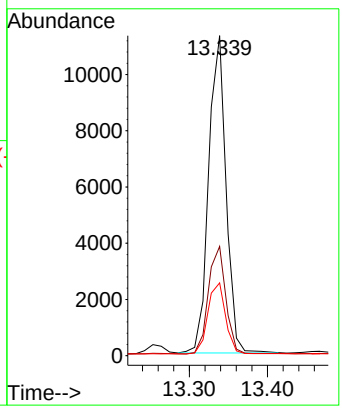


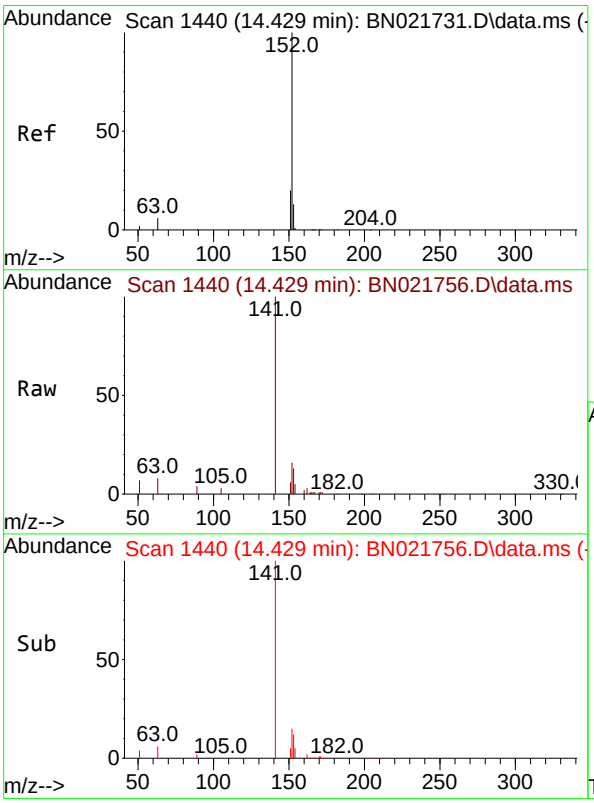

#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:172 Resp: 17410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 27.7 | 41.5 |
| 170 | 22.8 | 18.8 | 28.2 |

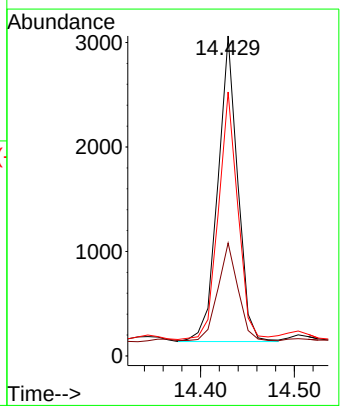


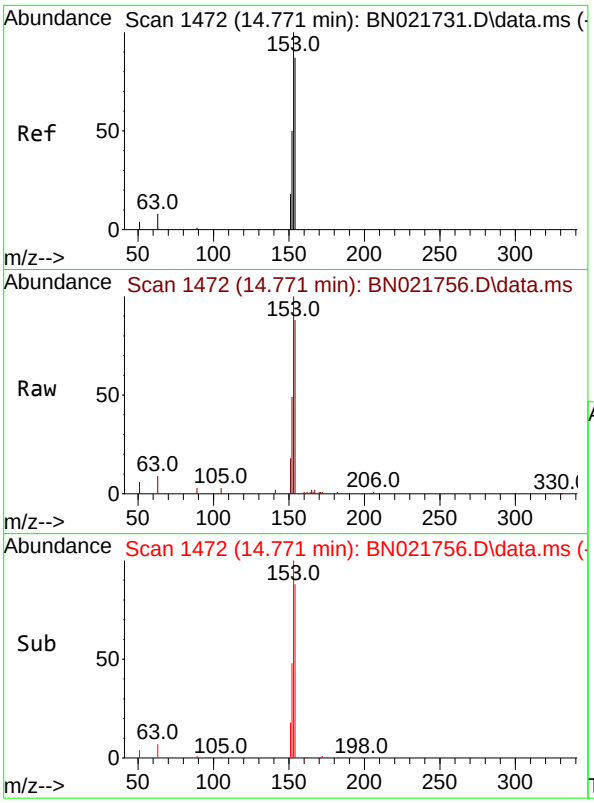




#16
Acenaphthylene
Concen: 0.076 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:152 Resp: 4308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 32.7 | 15.4 | 23.0# |
| 153 | 79.1 | 10.3 | 15.5# |



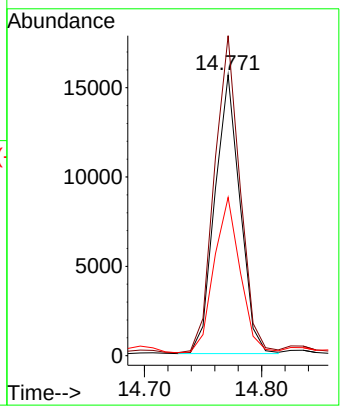


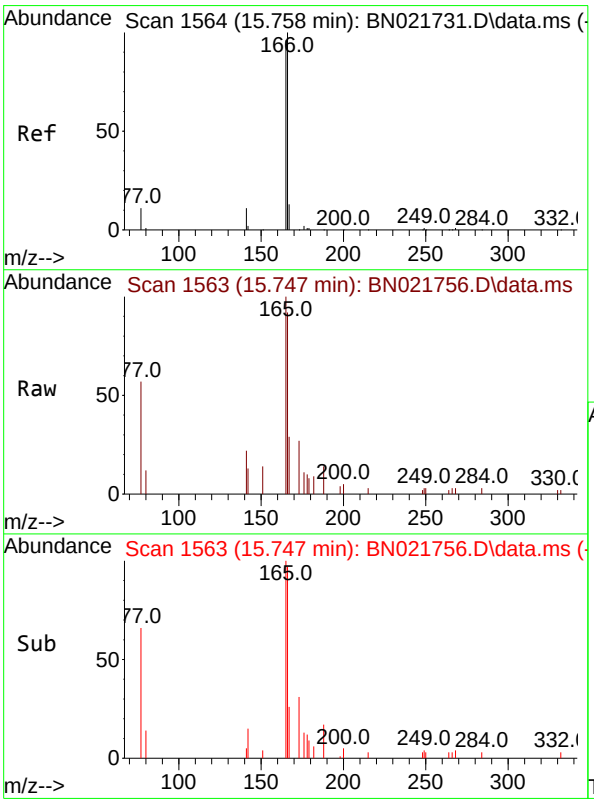

#17
Acenaphthene
Concen: 0.601 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:154 Resp: 23281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 91.0 | 136.4 |
| 152 | 57.9 | 46.0 | 69.0 |

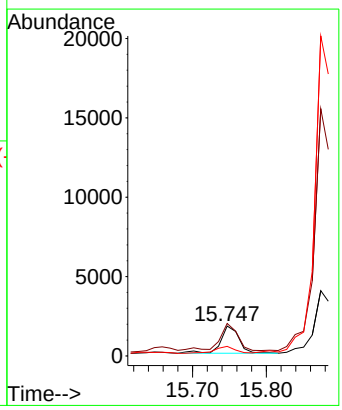


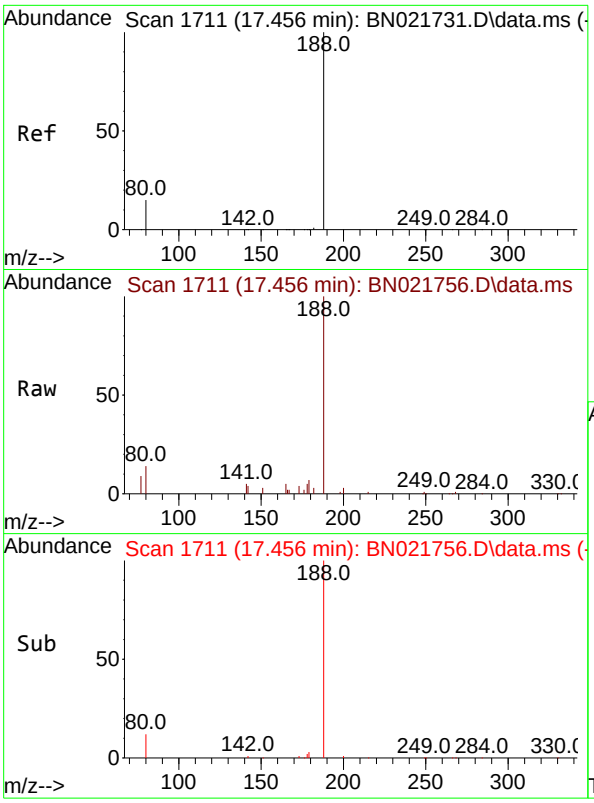




#18
Fluorene
Concen: 0.056 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:166 Resp: 2885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.3 | 79.4 | 119.0 |
| 167 | 0.0 | 10.6 | 15.8# |



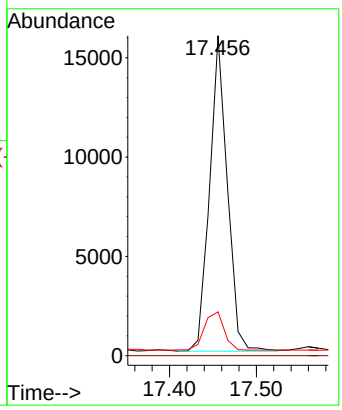


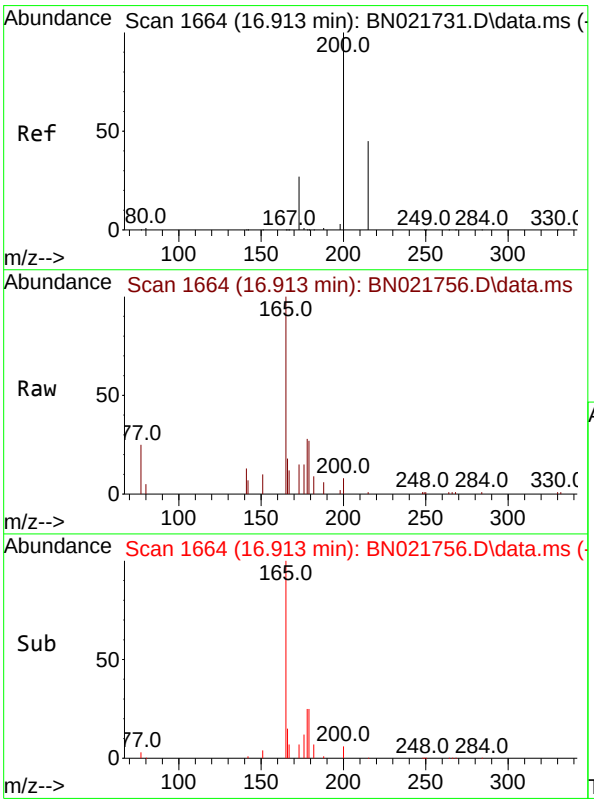

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:188 Resp: 22635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.7 | 12.6 | 19.0 |

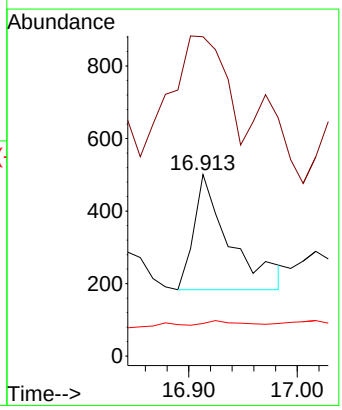


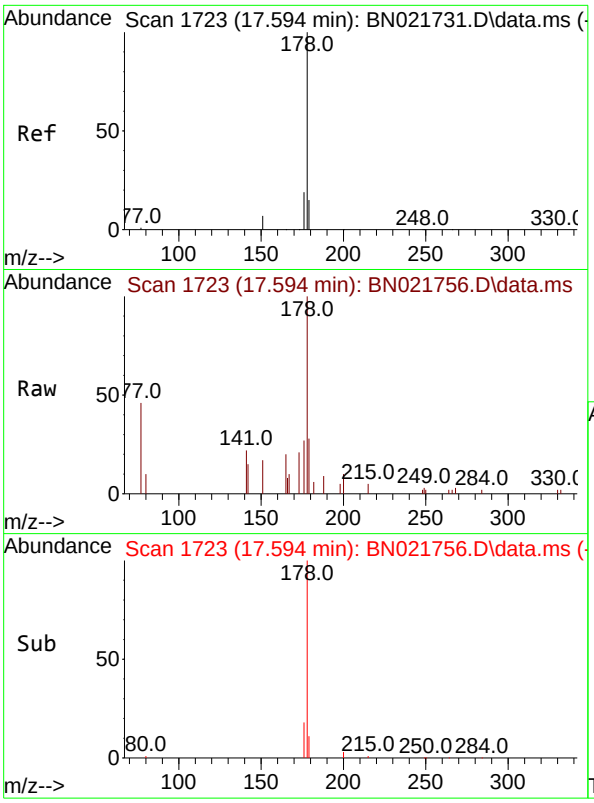




#23
Atrazine
Concen: 0.064 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:200 Resp: 737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 175.8 | 22.9 | 34.3# |
| 215 | 18.0 | 36.9 | 55.3# |



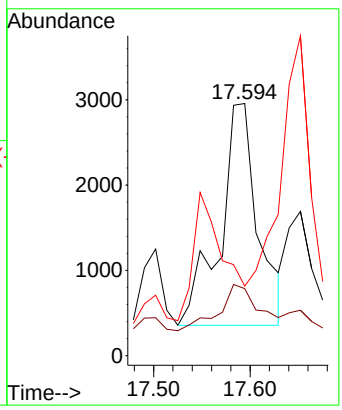


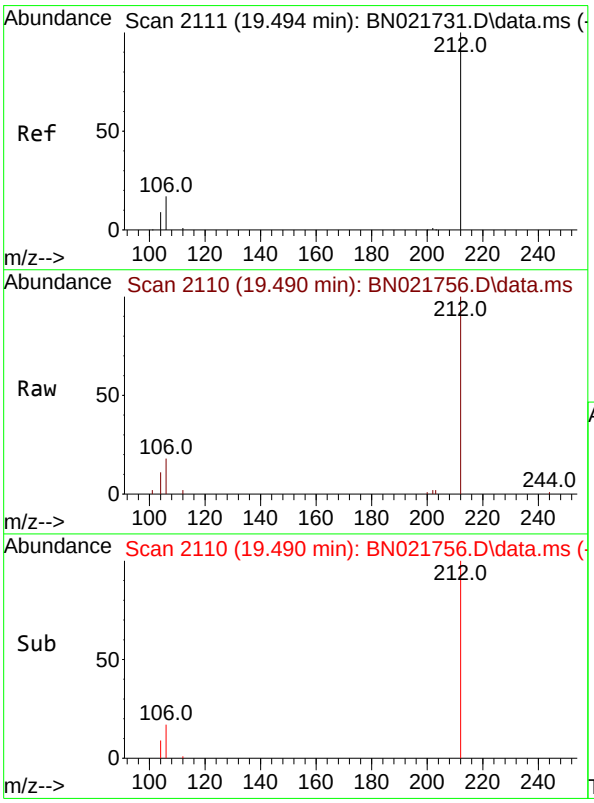

#26
Anthracene
Concen: 0.110 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:178 Resp: 7068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.9 | 15.0 | 22.6 |
| 179 | 0.0 | 12.2 | 18.2# |

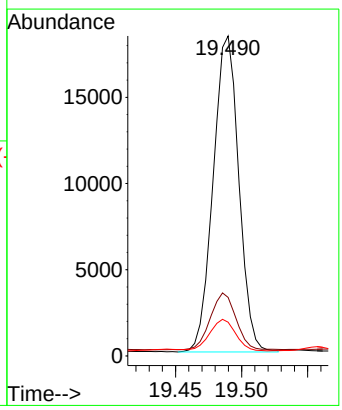


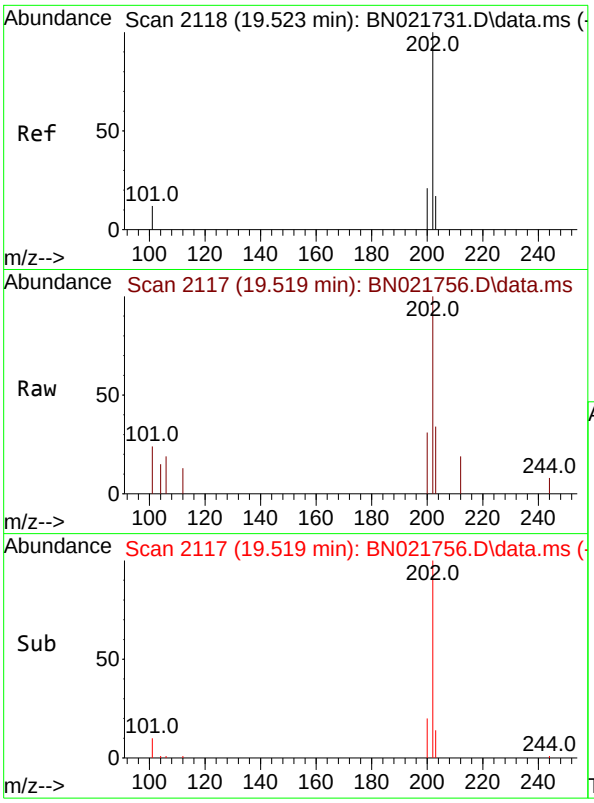




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:212 Resp: 24750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 17.9 | 14.3 | 21.5 |
| 104 | 10.0 | 8.0 | 12.0 |



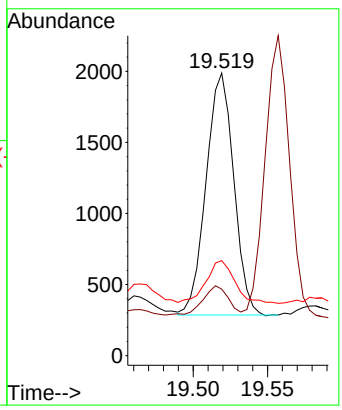


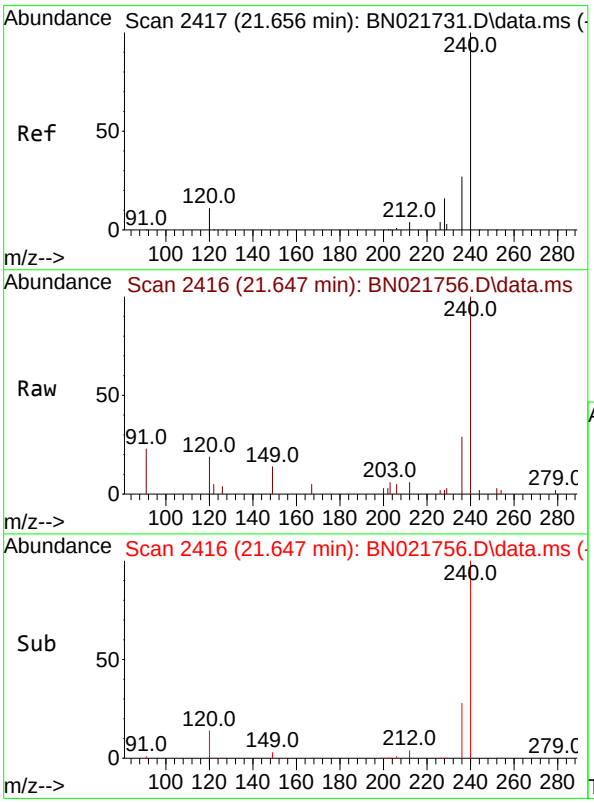

#28
Fluoranthene
Concen: 0.027 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:202 Resp: 2207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 11.0 | 16.4 |
| 203 | 18.2 | 13.7 | 20.5 |

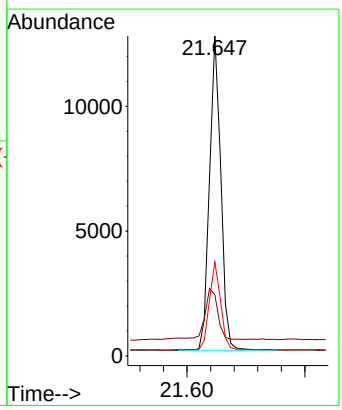


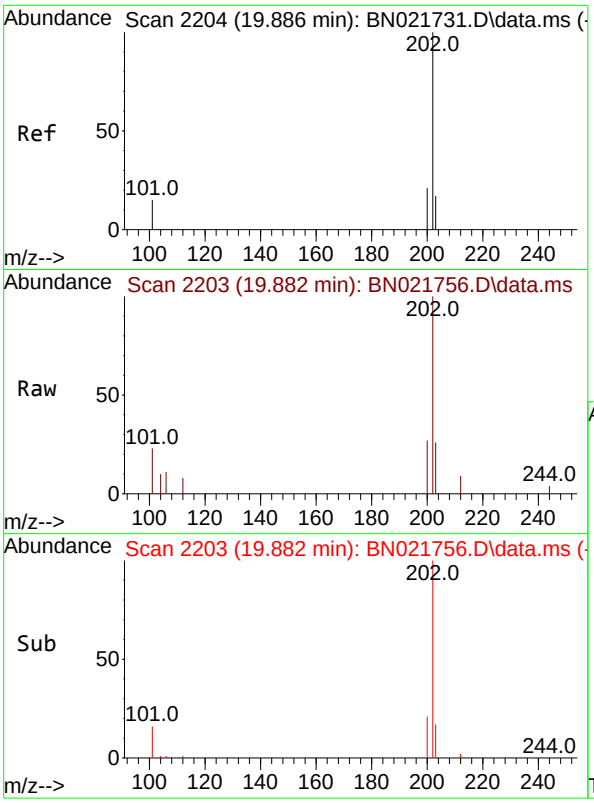




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:240 Resp: 16849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.1 | 9.8 | 14.8# |
| 236 | 29.4 | 22.2 | 33.4 |



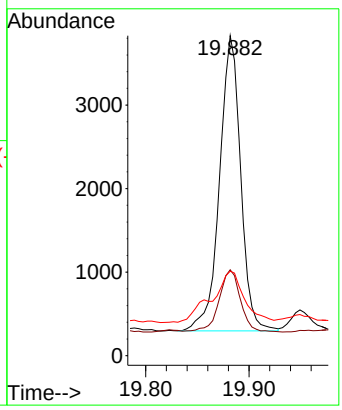


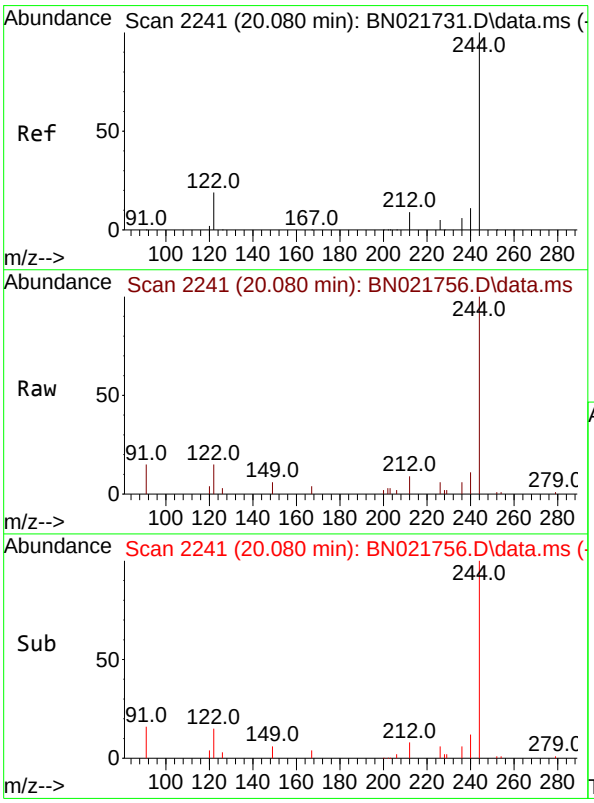

#30
Pyrene
Concen: 0.060 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:202 Resp: 5015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 15.0 | 22.4 |
| 203 | 26.5 | 12.8 | 19.2# |

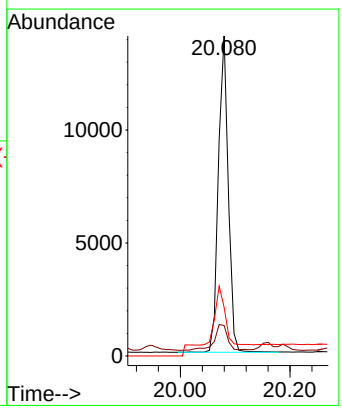


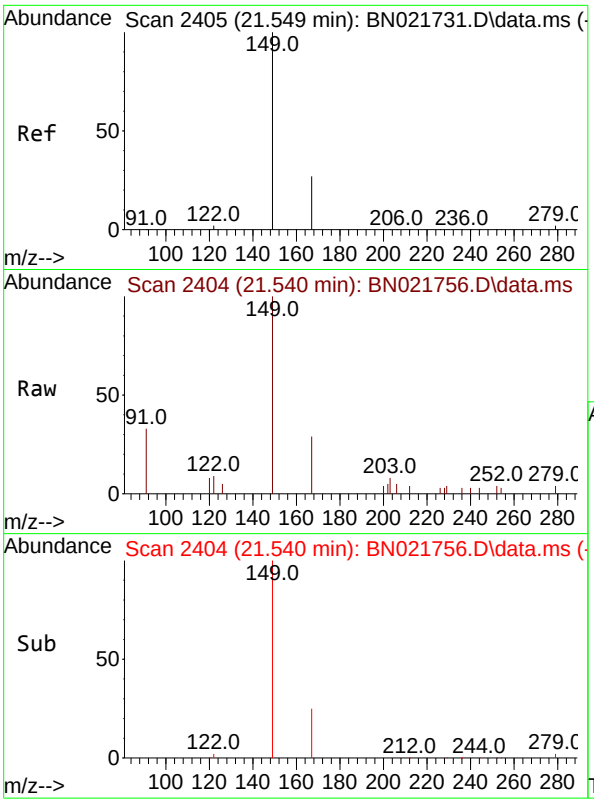




#31
Terphenyl-d14
Concen: 0.420 ng
RT: 20.080 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:244 Resp: 16168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 7.9 | 11.9 |
| 122 | 15.2 | 15.8 | 23.8# |



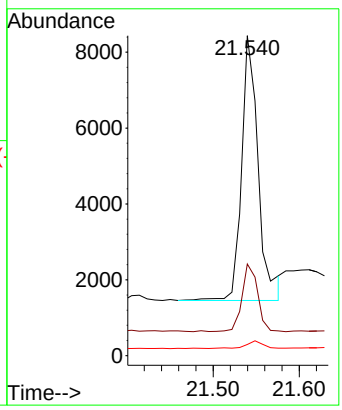


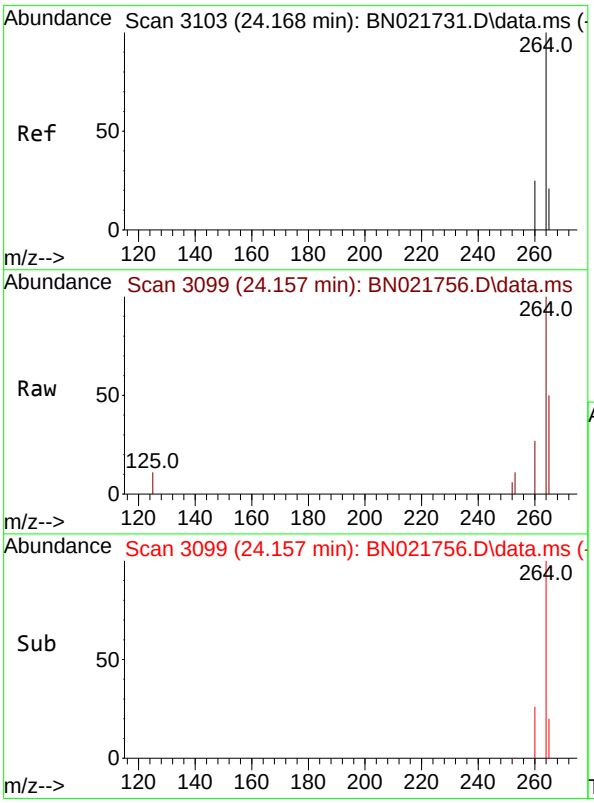

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.216 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

**Instrument :**
BNA_N
**ClientSampleId :**
MW-56

Tgt Ion:149 Resp: 9339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.3 | 20.8 | 31.2 |
| 279 | 3.0 | 2.1 | 3.1 |




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.157 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN021756.D
Acq: 14 Sep 2022 20:39

Tgt Ion:264 Resp: 13110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.0 | 20.6 | 31.0 |
| 265 | 49.9 | 34.4 | 51.6 |