Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020487.D
Acq On : 27 Jun 2022 06:57
Operator : CG/JU
Sample : N3354-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Quant Time: Jun 27 07:50:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.739 | 152 | 2948 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.519 | 136 | 10153 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.367 | 164 | 6491 | 0.400 | ng | # 0.00 |
| 19) Phenanthrene-d10 | 17.113 | 188 | 12564 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.297 | 240 | 10772 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.583 | 264 | 9992 | 0.400 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.348 | 112 | 1464 | 0.179 | ng | 0.00 |
| 5) Phenol-d6 | 6.952 | 99 | 1259 | 0.129 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.886 | 82 | 2370 | 0.288 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.117 | 152 | 6397 | 0.368 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.861 | 330 | 1085 | 0.444 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.998 | 172 | 8667 | 0.323 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.143 | 212 | 13707 | 0.367 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.746 | 244 | 10164 | 0.395 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.232 | 88 | 124 | 0.032 | ng | # 1 |
| 3) n-Nitrosodimethylamine | 3.543 | 42 | 286 | 0.081 | ng | # 8 |
| 9) Naphthalene | 10.573 | 128 | 2110 | 0.070 | ng | # 16 |
| 12) 2-Methylnaphthalene | 12.189 | 142 | 919 | 0.046 | ng | # 68 |
| 16) Acenaphthylene | 14.089 | 152 | 4047 | 0.130 | ng | # 1 |
| 17) Acenaphthene | 14.431 | 154 | 18142 | 0.855 | ng | 98 |
| 18) Fluorene | 15.415 | 166 | 9225 | 0.333 | ng | # 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.468 | 198 | 30 | 0.237 | ng | # 1 |
| 23) Atrazine | 16.600 | 200 | 540 | 0.094 | ng | # 1 |
| 24) Pentachlorophenol | 16.774 | 266 | 65 | 0.209 | ng | # 83 |
| 25) Phenanthrene | 17.154 | 178 | 2486 | 0.059 | ng | # 92 |
| 26) Anthracene | 17.236 | 178 | 1576 | 0.043 | ng | # 46 |
| 28) Fluoranthene | 19.173 | 202 | 1856 | 0.040 | ng | # 90 |
| 30) Pyrene | 19.535 | 202 | 2374 | 0.052 | ng | # 92 |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149 | 2020 | 0.093 | ng | # 97 |

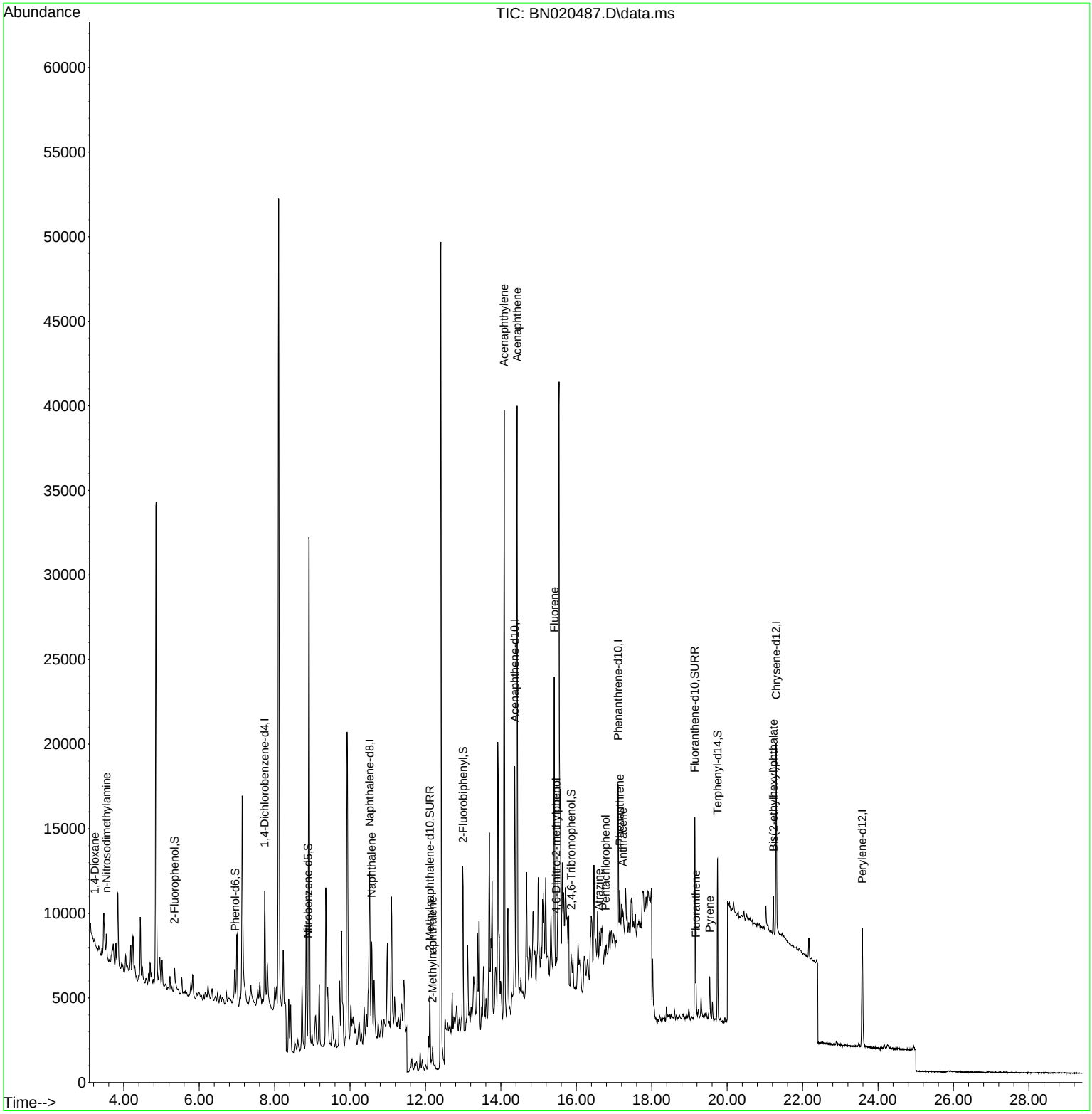
(#) = qualifier out of range (m) = manual integration (+) = signals summed

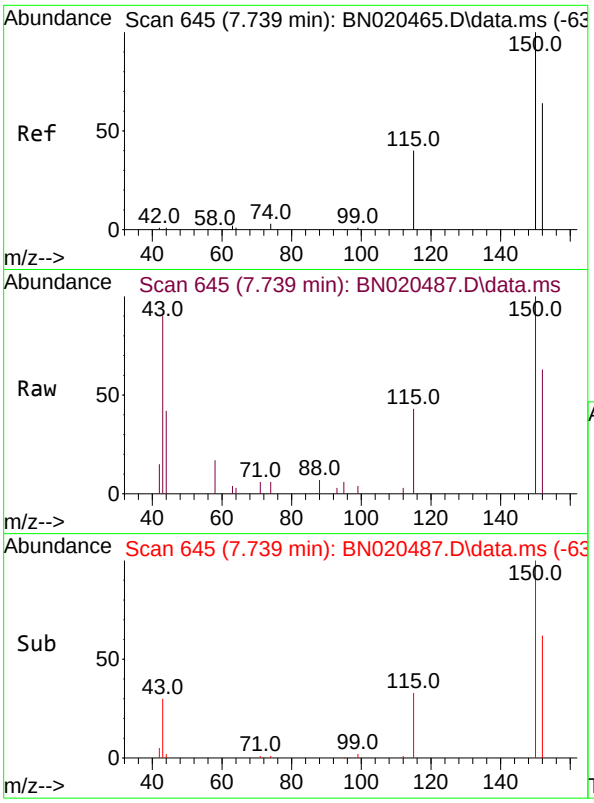
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020487.D
Acq On : 27 Jun 2022 06:57
Operator : CG/JU
Sample : N3354-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Quant Time: Jun 27 07:50:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration



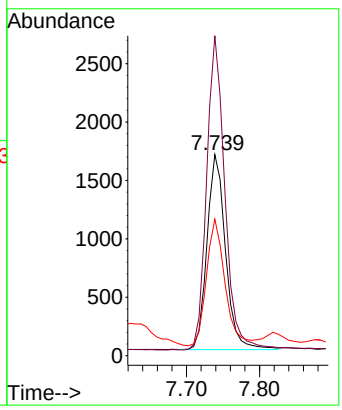


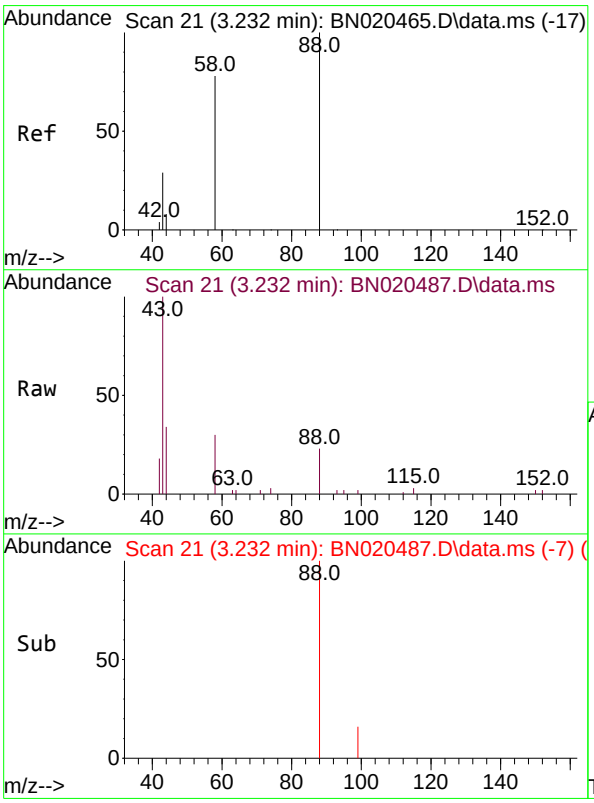

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:152 Resp: 2948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 127.9 | 191.9 |
| 115 | 67.9 | 51.4 | 77.2 |

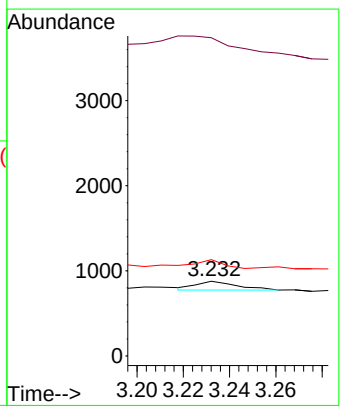


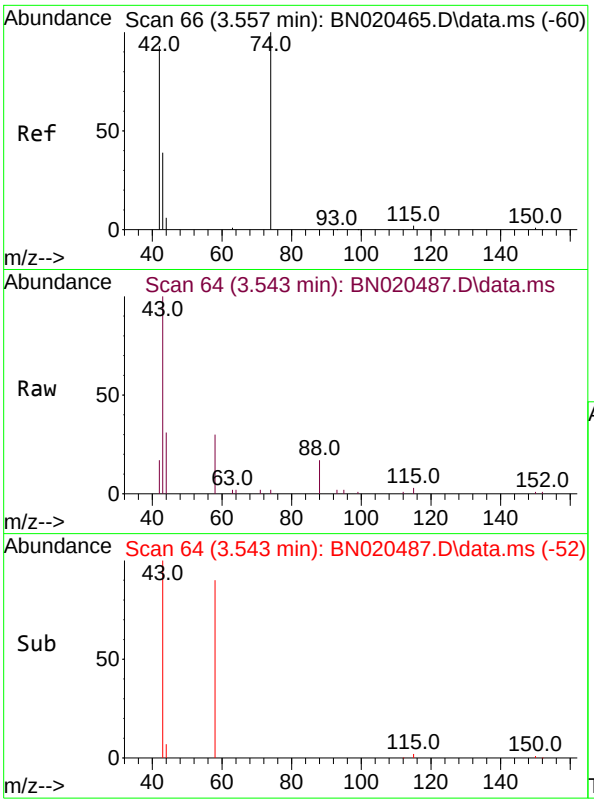




#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion: 88 Resp: 124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 384.7 | 30.2 | 45.2# |
| 58 | 110.5 | 73.0 | 109.6# |



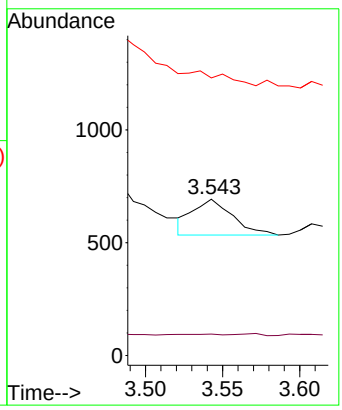


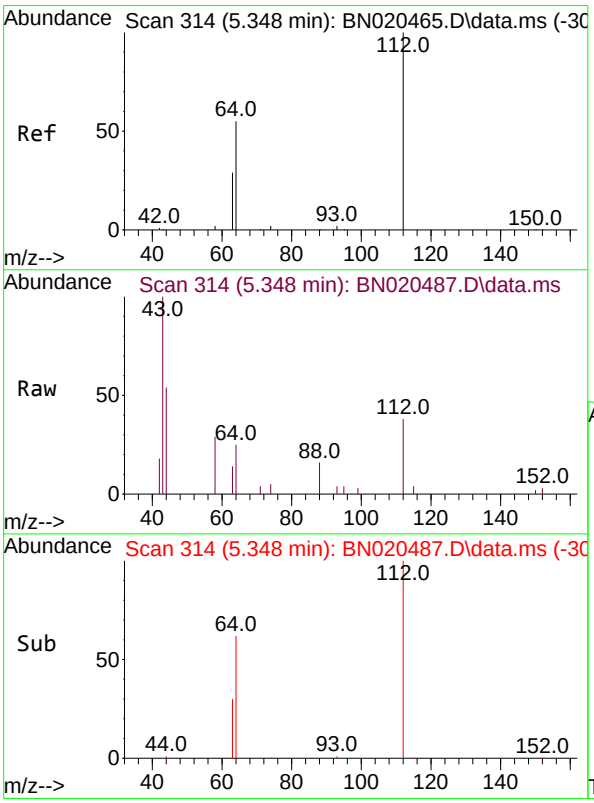

#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.015 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion: 42 Resp: 286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 2.8 | 84.0 | 126.0# |
| 44 | 0.0 | 9.8 | 14.8# |

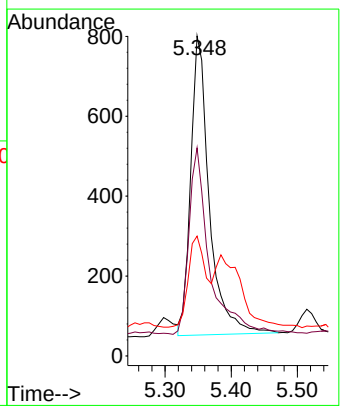


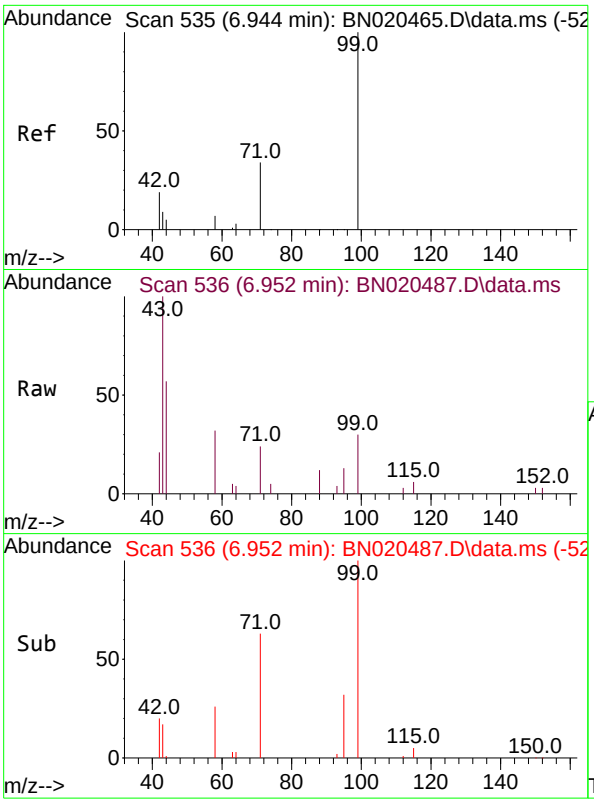




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:112 Resp: 1464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.3 | 49.1 | 73.7 |
| 63 | 29.6 | 26.3 | 39.5 |



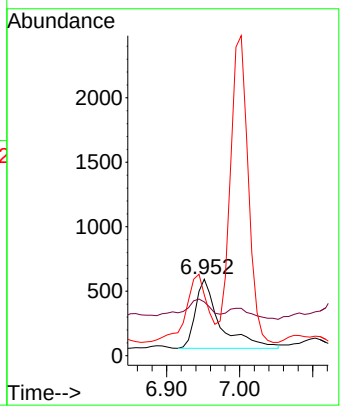


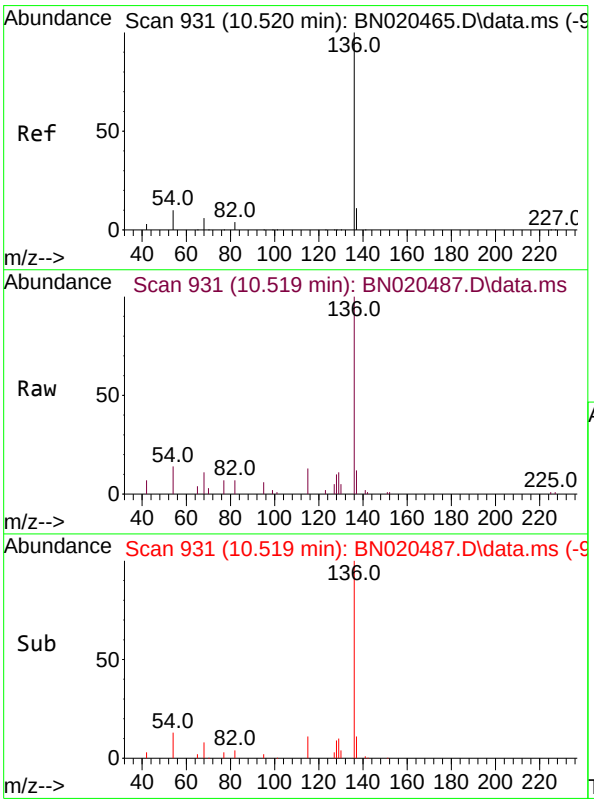

#5
Phenol-d6
Concen: 0.129 ng
RT: 6.952 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion: 99 Resp: 1259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.7 | 19.3 | 28.9 |
| 71 | 86.5 | 27.5 | 41.3# |

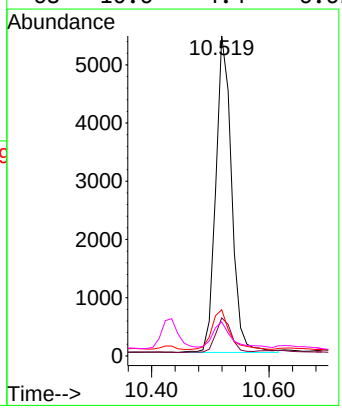


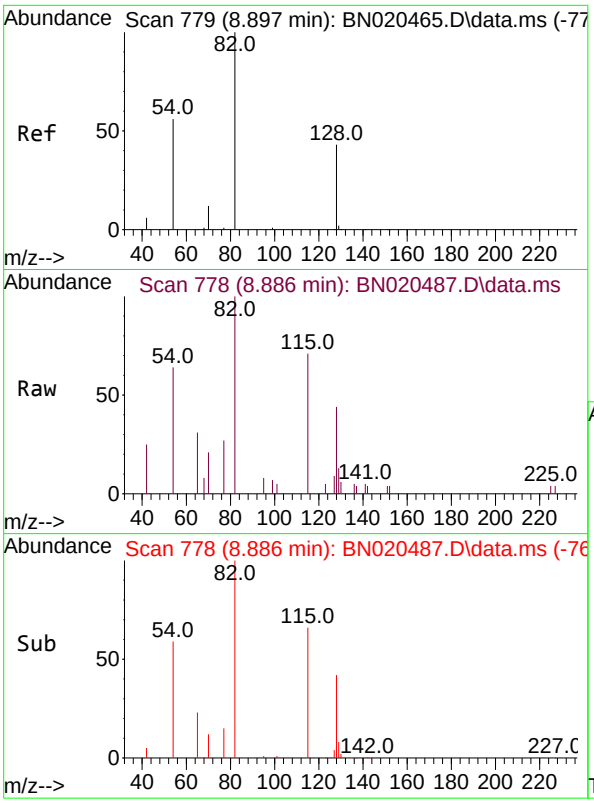




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:136 Resp: 10153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.0 | 13.6 |
| 54 | 14.4 | 6.2 | 9.2# |
| 68 | 10.6 | 4.4 | 6.6# |



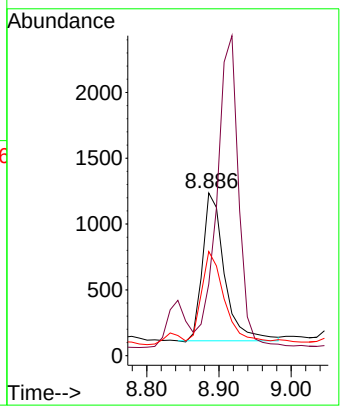


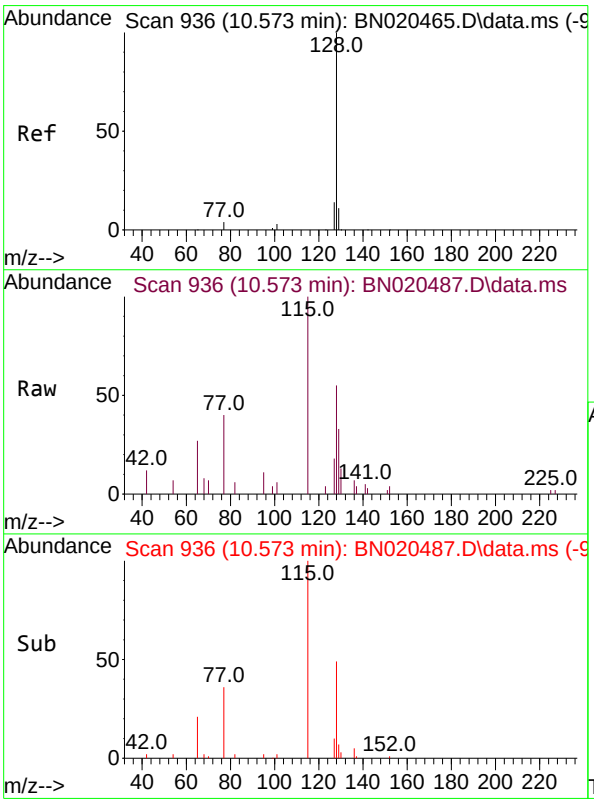

#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.886 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion: 82 Resp: 2370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 35.0 | 52.6 |
| 54 | 64.0 | 46.2 | 69.4 |

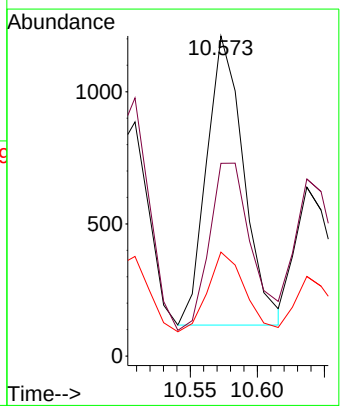


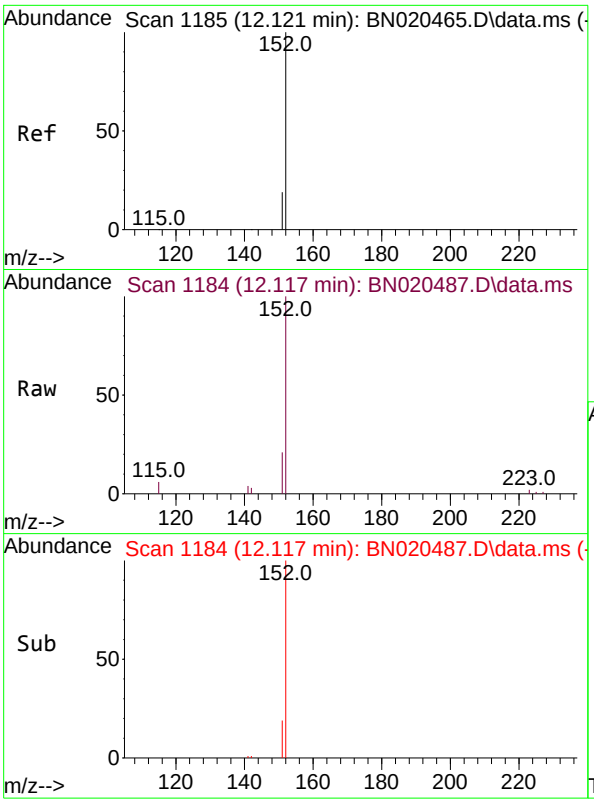




#9
Naphthalene
Concen: 0.070 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:128 Resp: 2110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 60.2 | 8.9 | 13.3# |
| 127 | 32.5 | 10.8 | 16.2# |



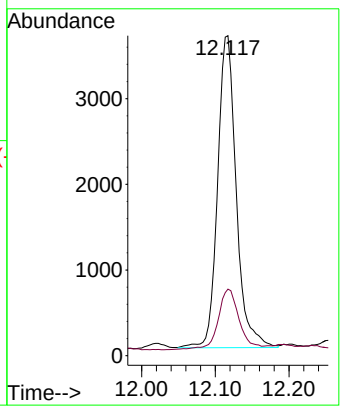


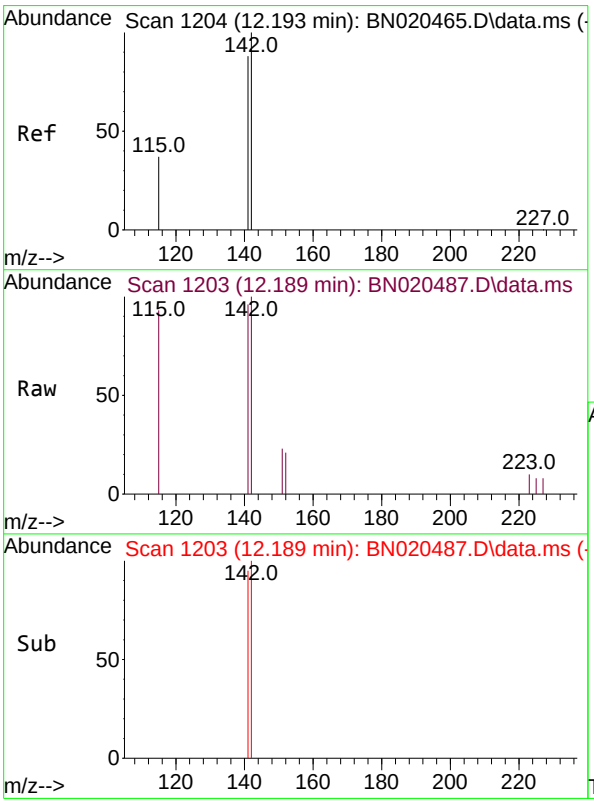

#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.117 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:152 Resp: 6397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.2 | 16.2 | 24.4 |

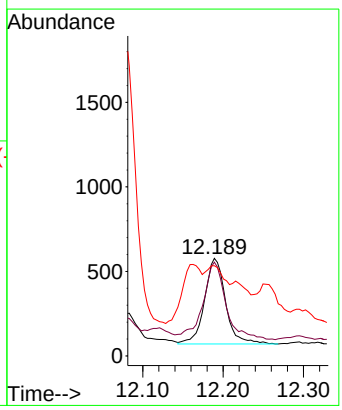


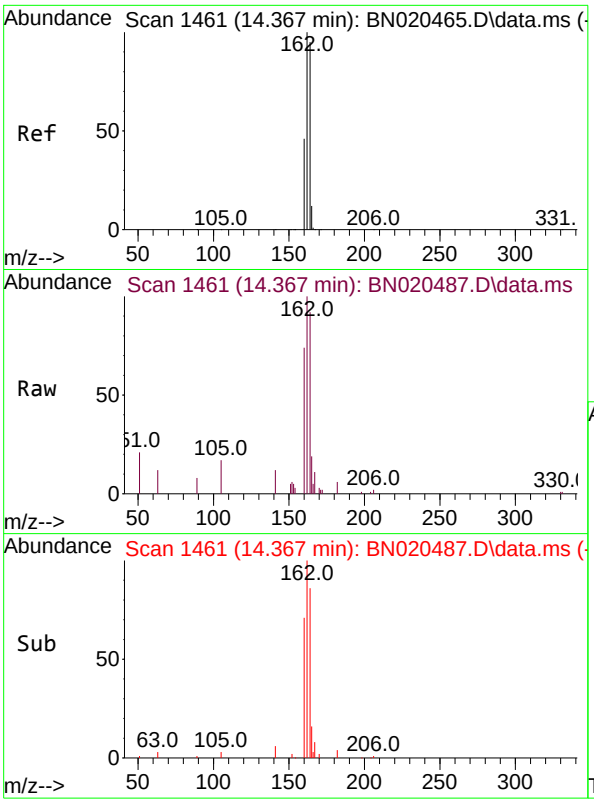




#12
2-Methylnaphthalene
Concen: 0.046 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:142 Resp: 919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 96.2 | 71.6 | 107.4 |
| 115 | 92.5 | 29.8 | 44.8# |



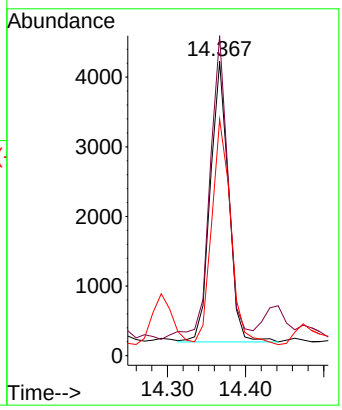


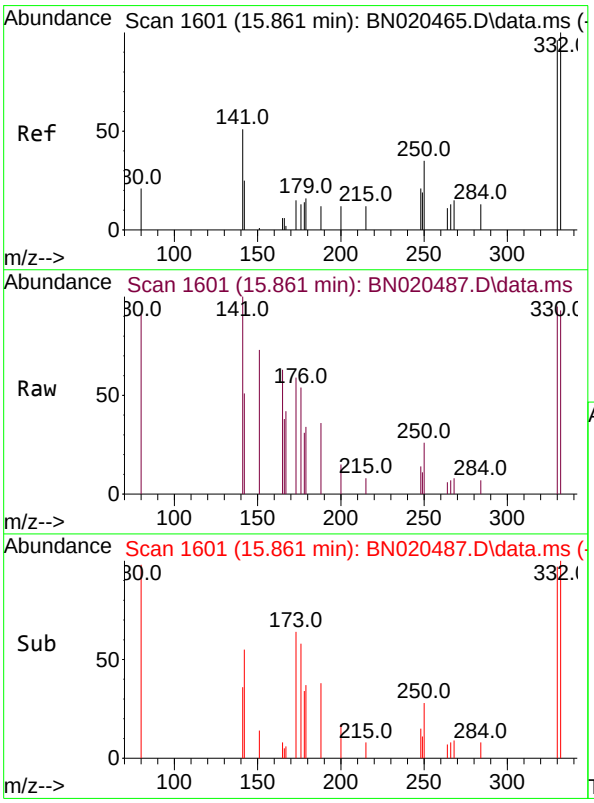

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:164 Resp: 6491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 108.7 | 82.1 | 123.1 |
| 160 | 80.3 | 38.6 | 58.0# |

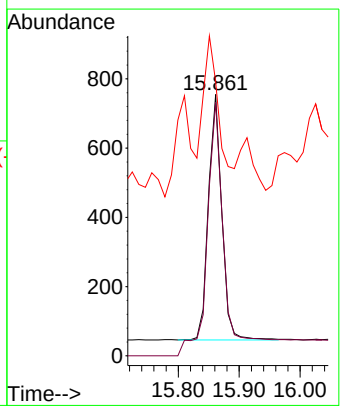


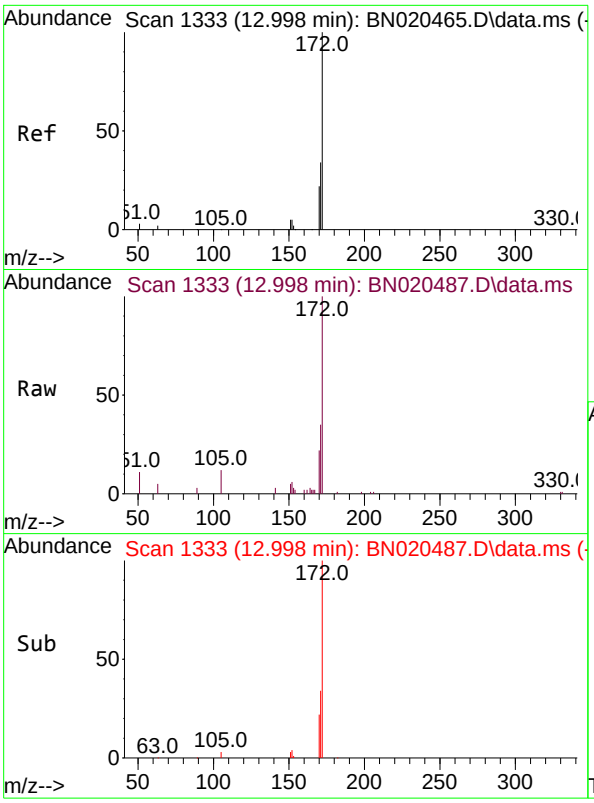




#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:330 Resp: 1085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 138.4 | 77.6 | 116.4# |
| 141 | 76.2 | 41.0 | 61.4# |



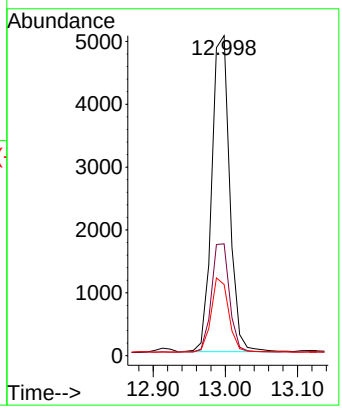


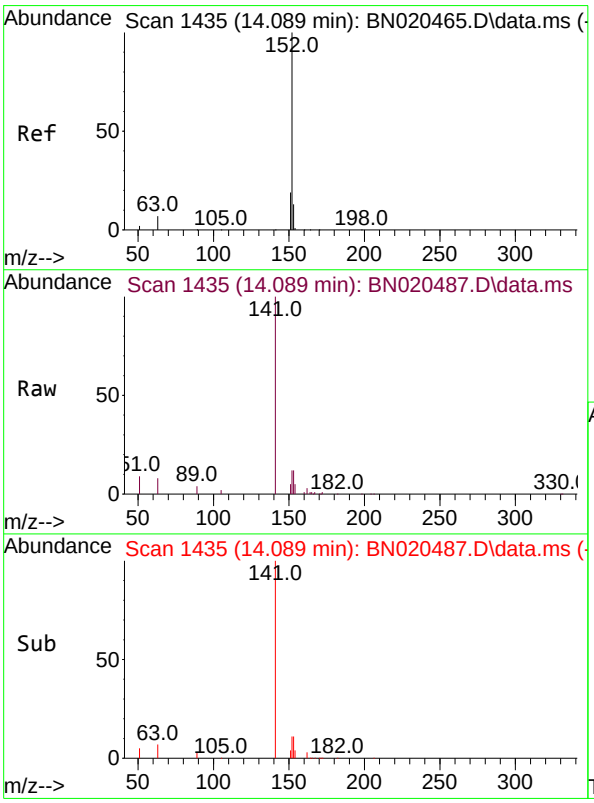

#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:172 Resp: 8667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 27.2 | 40.8 |
| 170 | 22.3 | 18.2 | 27.4 |

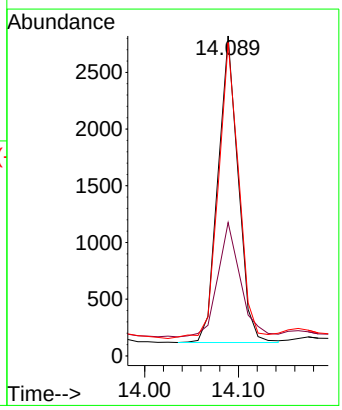


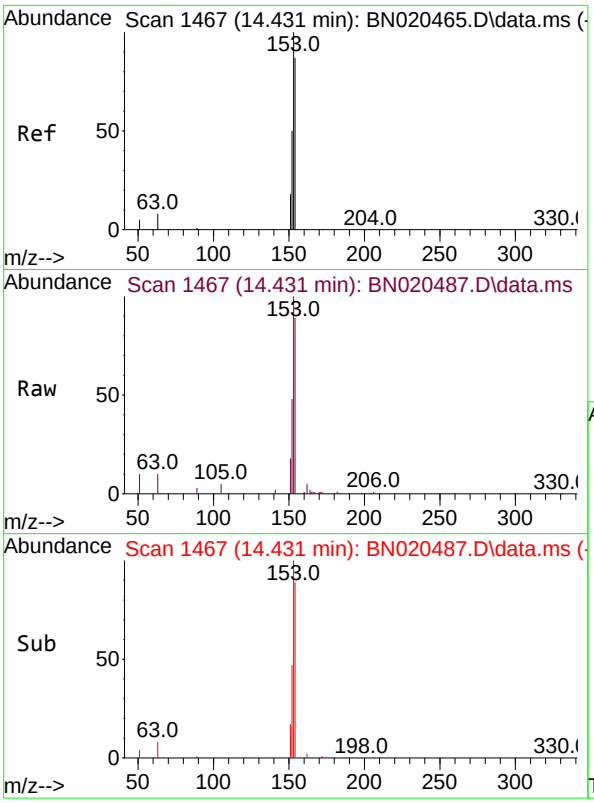




#16
Acenaphthylene
Concen: 0.130 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:152 Resp: 4047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 41.9 | 16.2 | 24.4# |
| 153 | 97.0 | 10.7 | 16.1# |



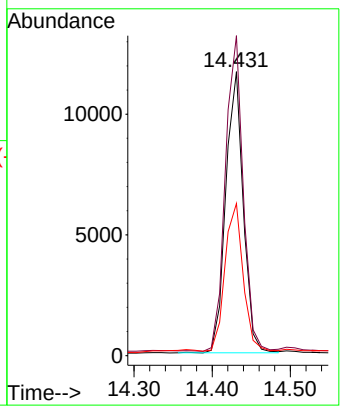


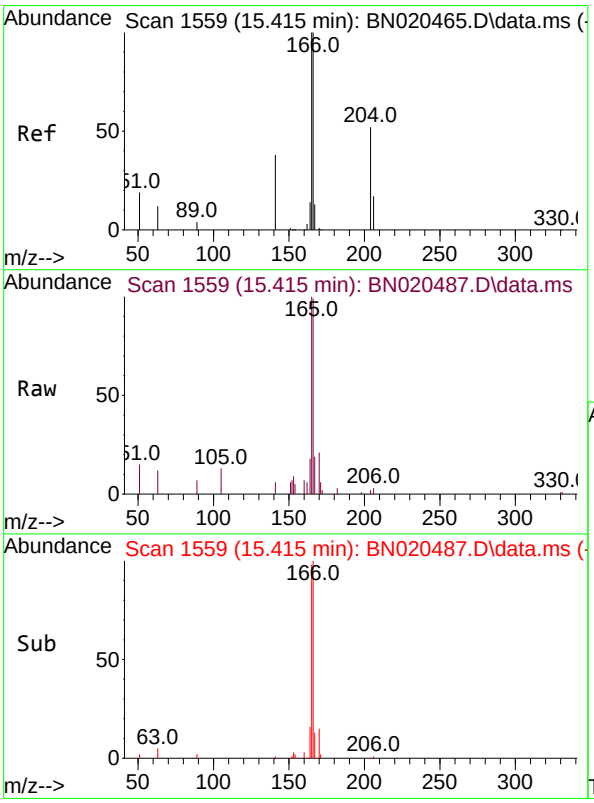

#17
Acenaphthene
Concen: 0.855 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:154 Resp: 18142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 87.5 | 131.3 |
| 152 | 54.4 | 43.8 | 65.6 |

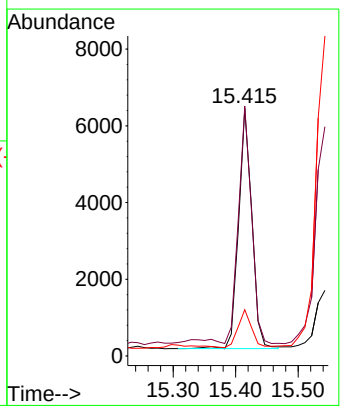


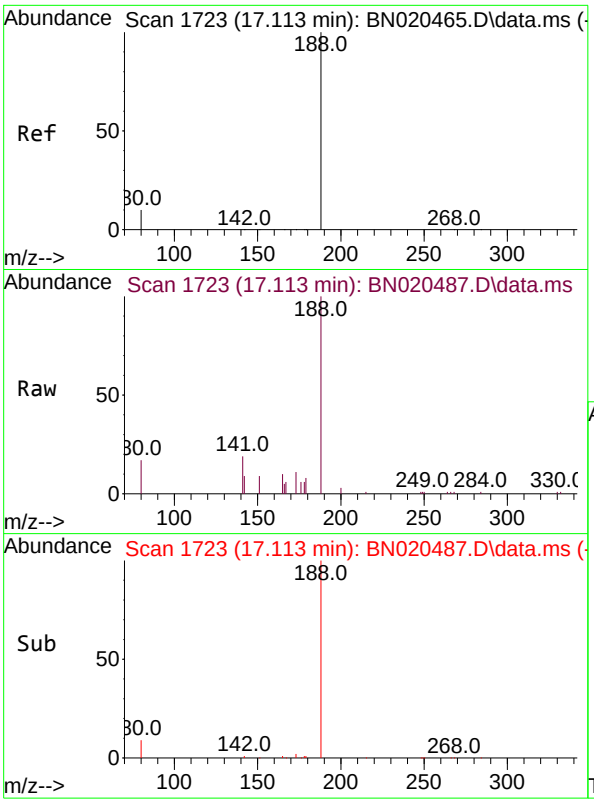




#18
Fluorene
Concen: 0.333 ng
RT: 15.415 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:166 Resp: 9225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 78.6 | 118.0 |
| 167 | 16.2 | 10.8 | 16.2# |



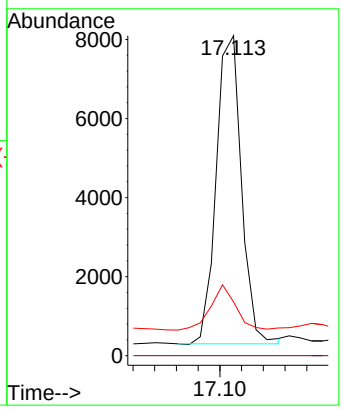


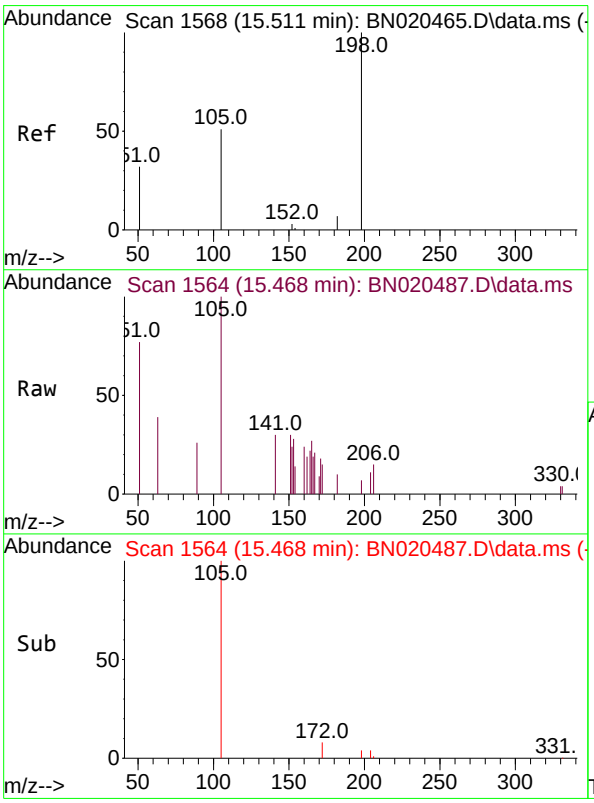

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:188 Resp: 12564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 16.8 | 7.4 | 11.2# |

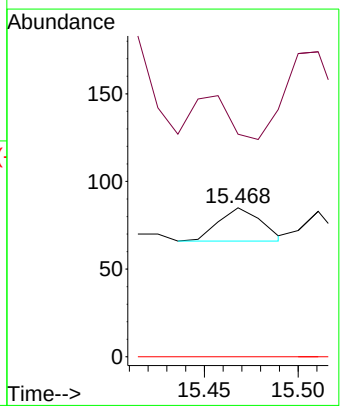


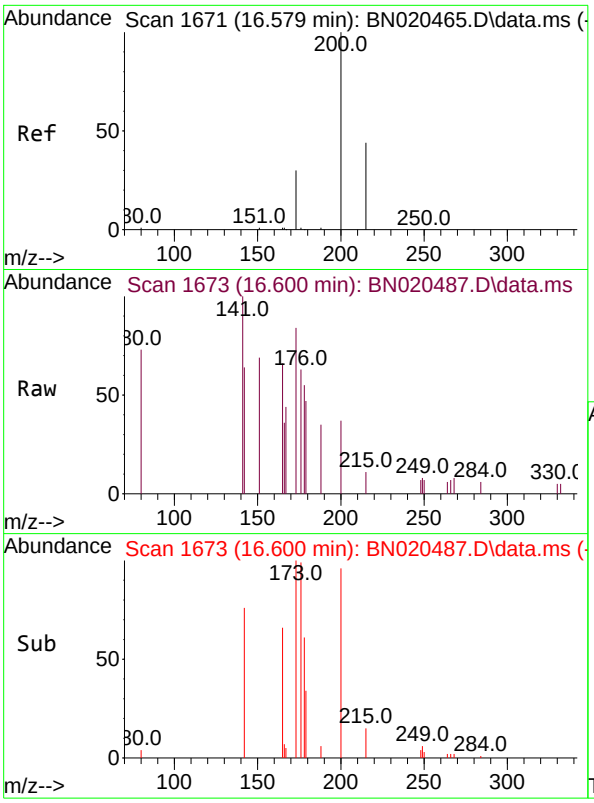




#20
4,6-Dinitro-2-methylphenol
Concen: 0.237 ng
RT: 15.468 min Scan# 1564
Delta R.T. -0.043 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:198 Resp: 30

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 149.4 | 12.1 | 18.1# |
| 77 | 0.0 | 0.0 | 0.0 |



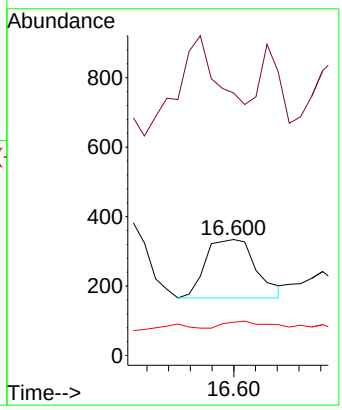


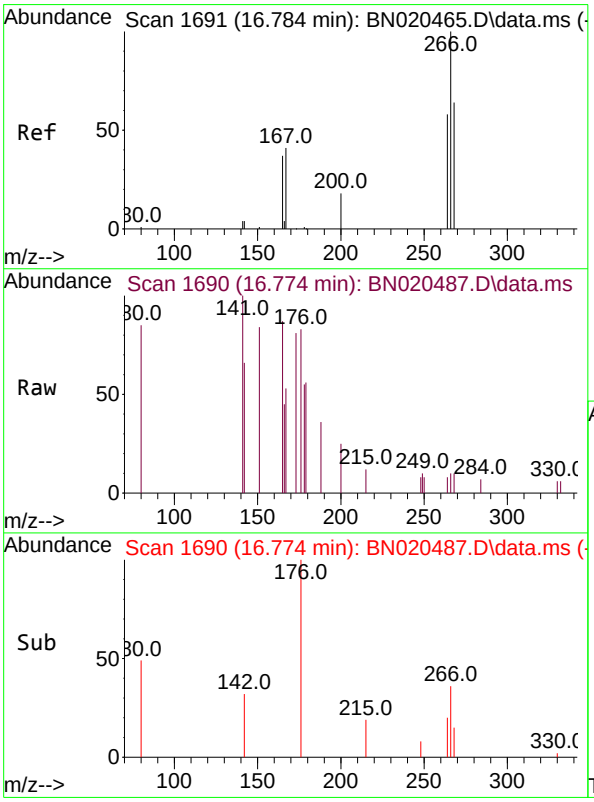

#23
Atrazine
Concen: 0.094 ng
RT: 16.600 min Scan# 1
Delta R.T. 0.020 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:200 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 226.3 | 23.6 | 35.4# |
| 215 | 28.7 | 36.6 | 54.8# |

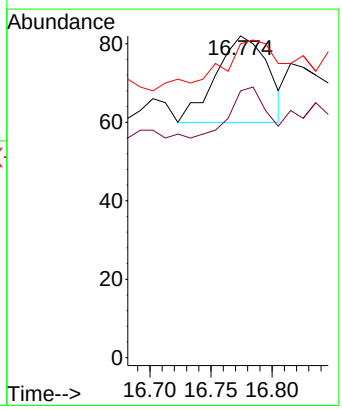


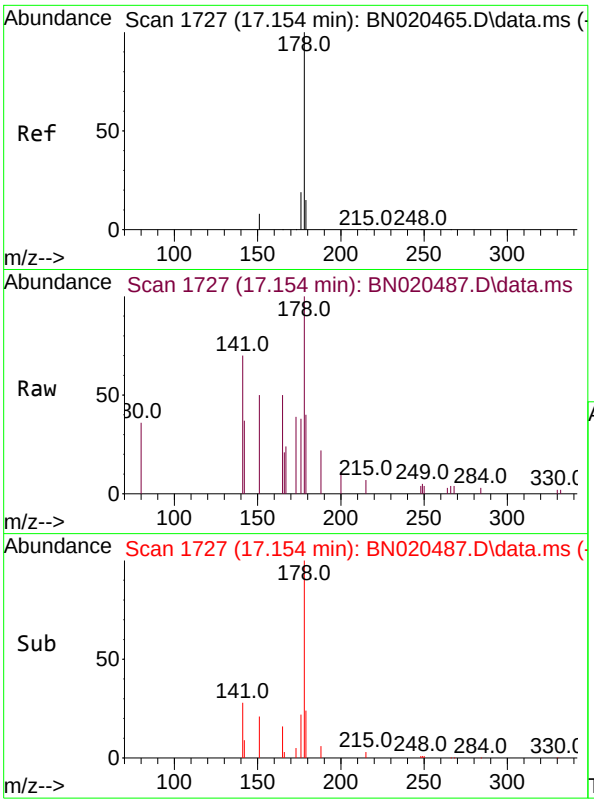




#24
Pentachlorophenol
Concen: 0.209 ng
RT: 16.774 min Scan# 1690
Delta R.T. -0.010 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:266 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 40.0 | 51.3 | 76.9# |
| 268 | 69.2 | 52.6 | 79.0 |



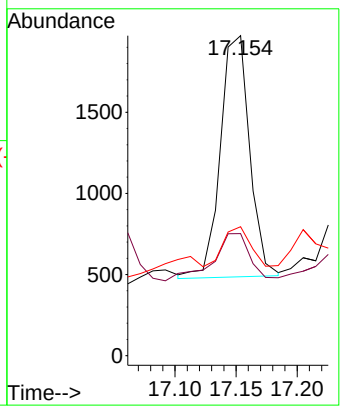


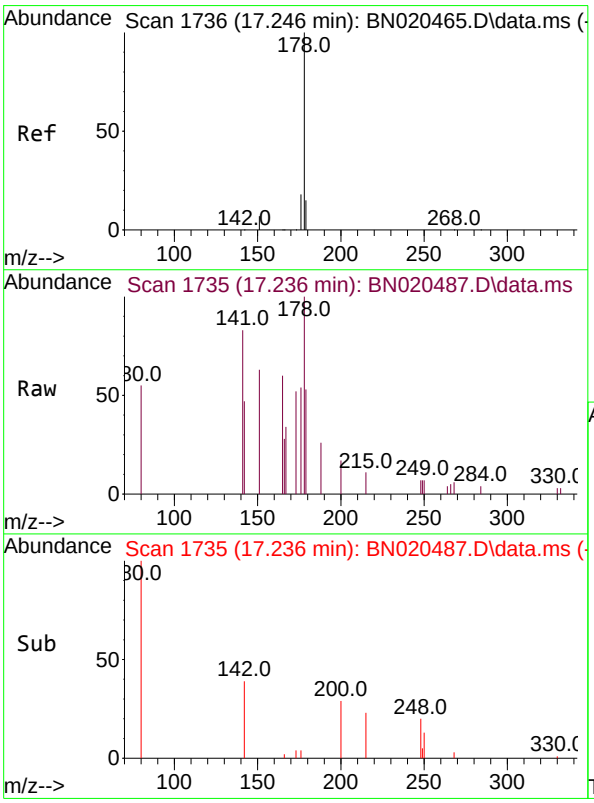

#25
Phenanthrene
Concen: 0.059 ng
RT: 17.154 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:178 Resp: 2486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 25.5 | 15.3 | 22.9# |
| 179 | 15.8 | 12.2 | 18.4 |

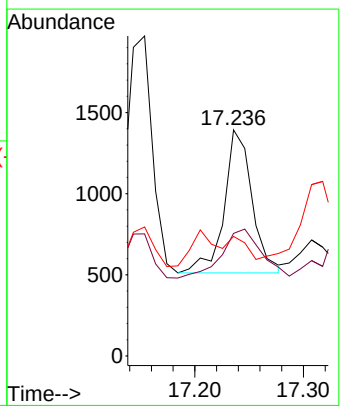


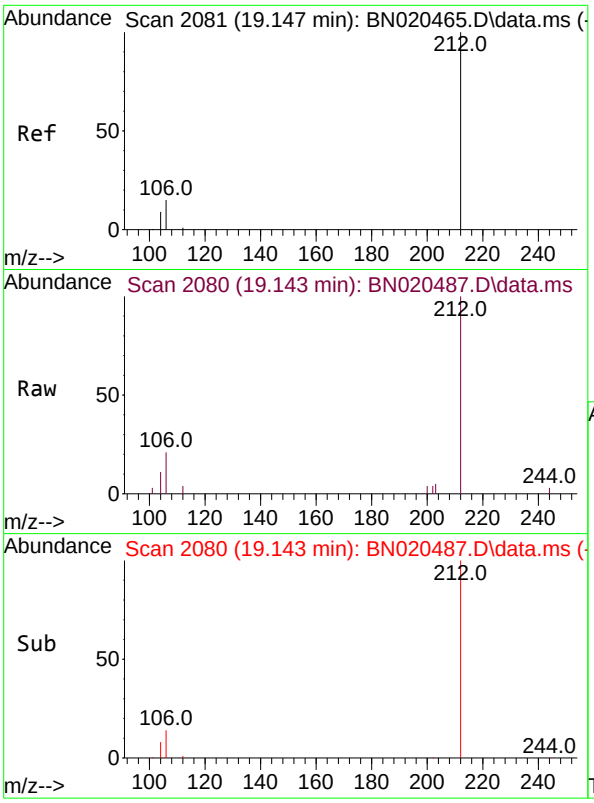




#26
Anthracene
Concen: 0.043 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:178 Resp: 1576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 48.9 | 14.9 | 22.3# |
| 179 | 0.0 | 12.2 | 18.4# |



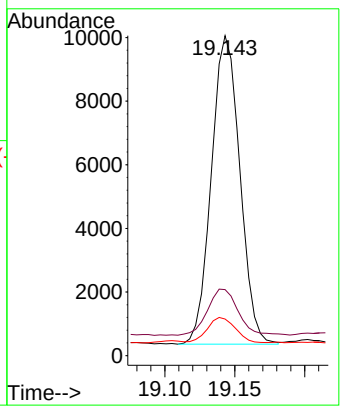


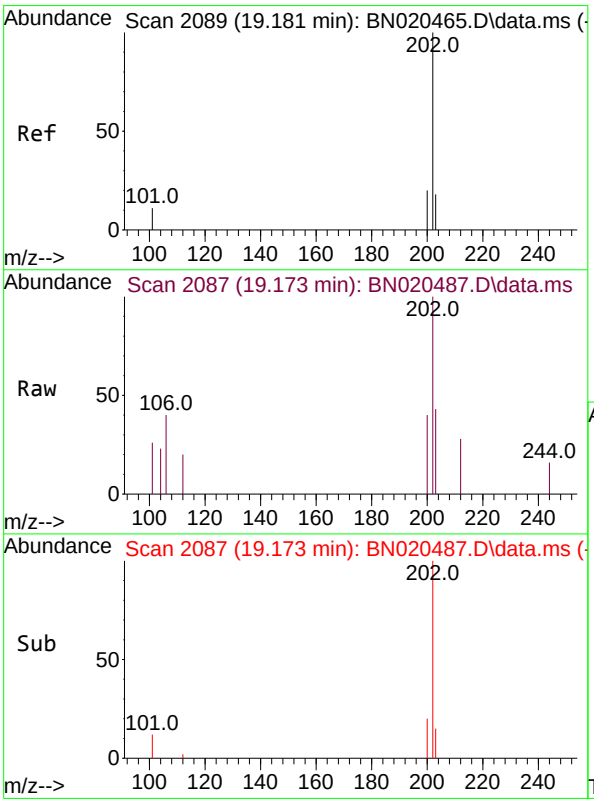

#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.143 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:212 Resp: 13707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 16.0 | 12.6 | 19.0 |
| 104 | 8.0 | 7.2 | 10.8 |

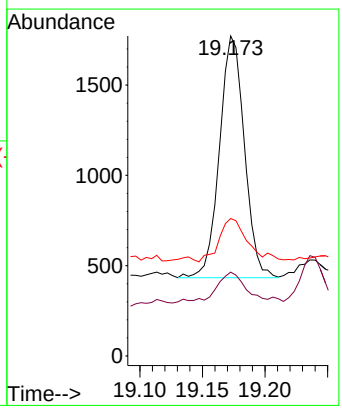


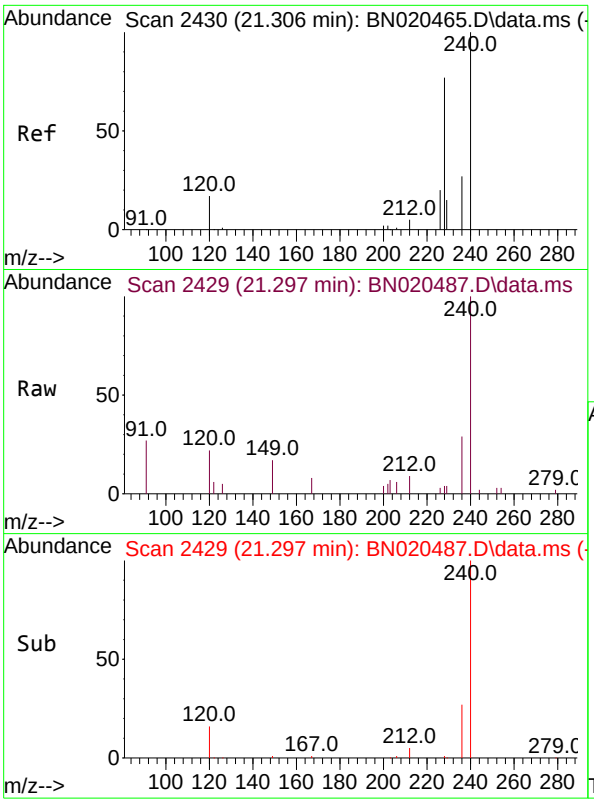




#28
Fluoranthene
Concen: 0.040 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:202 Resp: 1856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.1 | 9.6 | 14.4# |
| 203 | 20.7 | 13.5 | 20.3# |



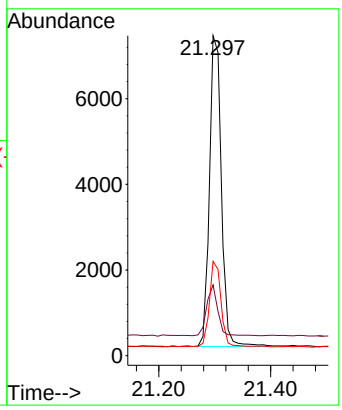


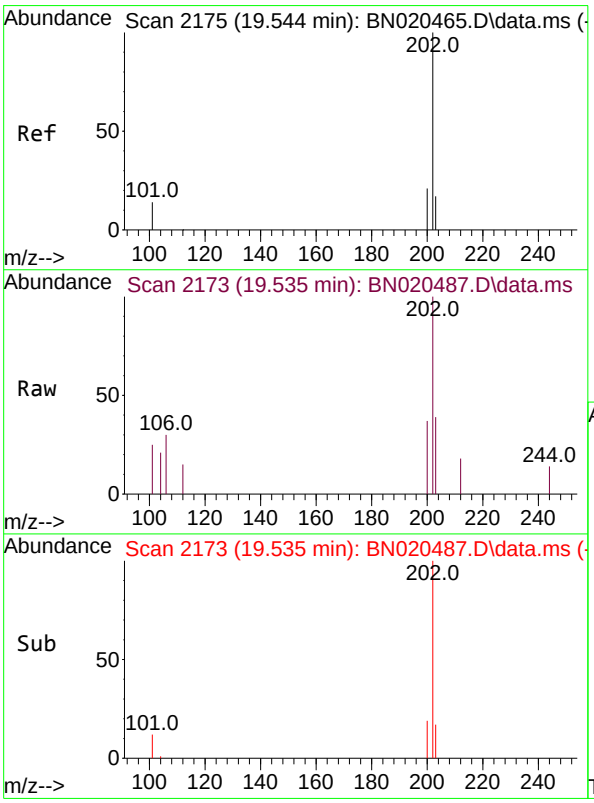

#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:240 Resp: 10772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 22.1 | 14.6 | 21.8# |
| 236 | 29.4 | 22.6 | 33.8 |

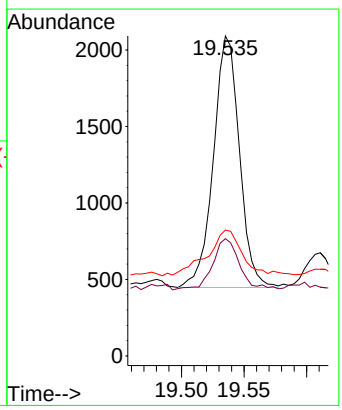


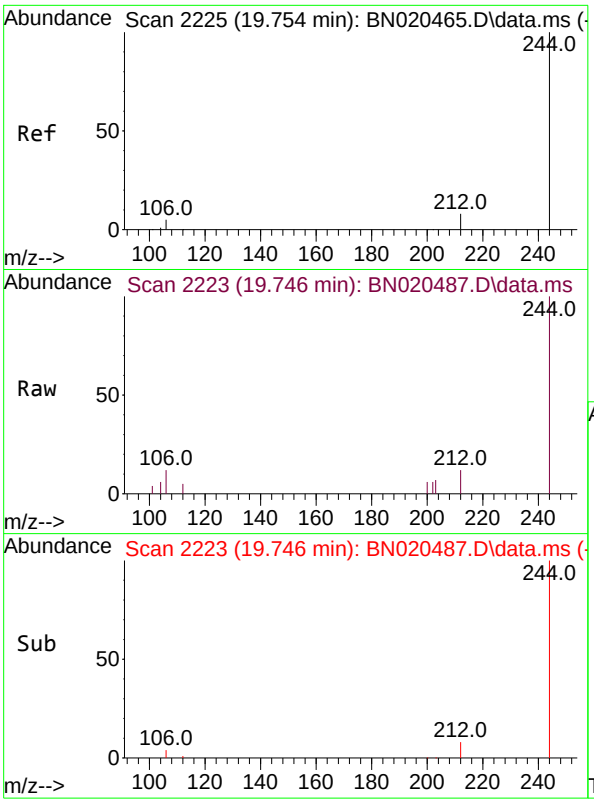




#30
Pyrene
Concen: 0.052 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.009 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:202 Resp: 2374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.6 | 25.0 |
| 203 | 25.1 | 14.2 | 21.2# |



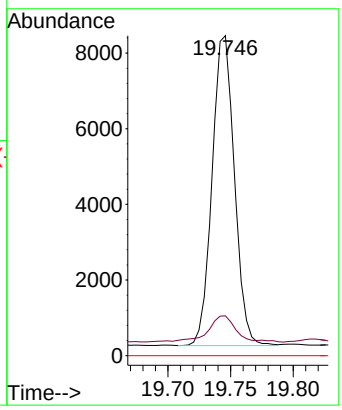


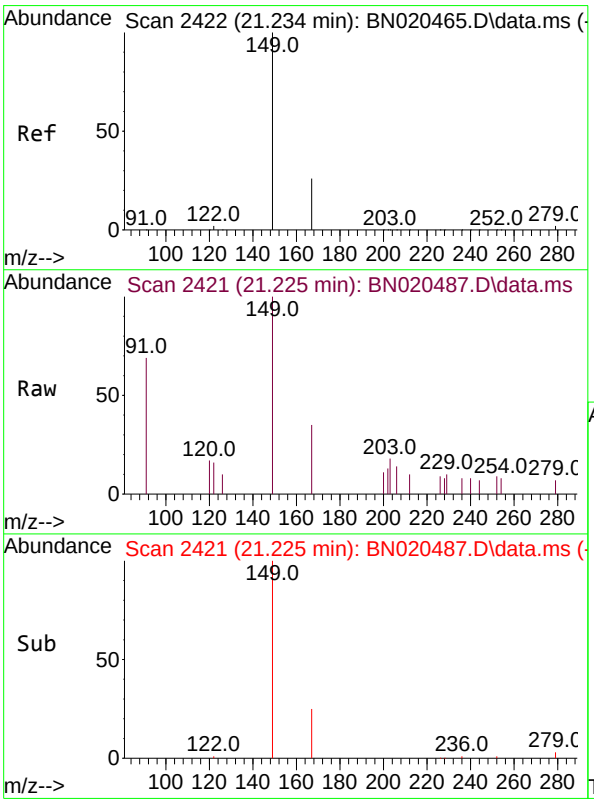

#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.746 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:244 Resp: 10164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.5 | 7.1 | 10.7# |
| 122 | 0.0 | 0.0 | 0.0 |

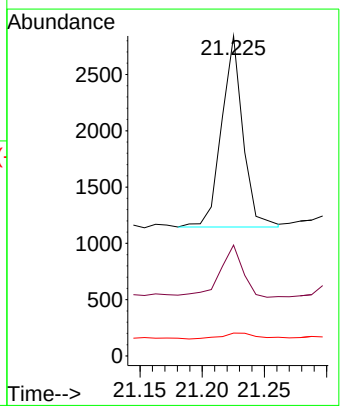


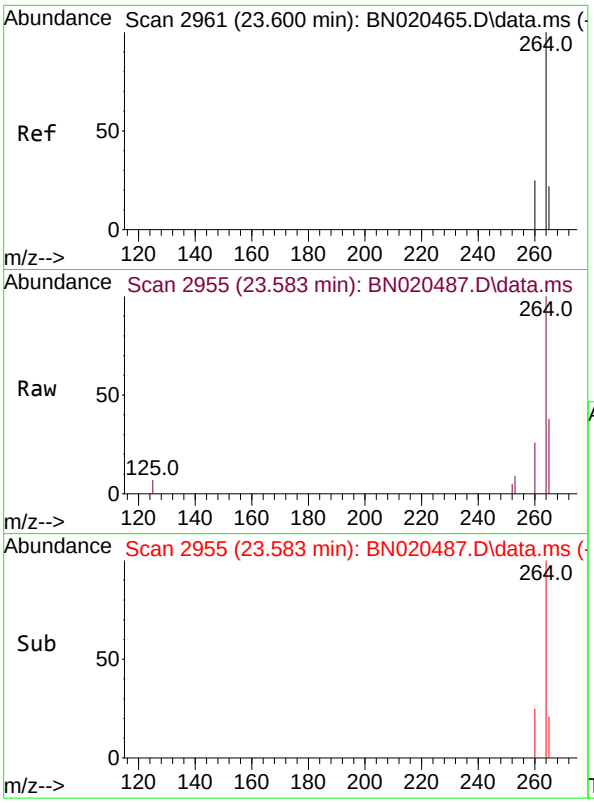




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

Tgt Ion:149 Resp: 2020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 21.7 | 32.5 |
| 279 | 5.5 | 2.2 | 3.2# |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.583 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN020487.D
Acq: 27 Jun 2022 06:57

**Instrument :**
BNA_F
**ClientSampleId :**
MW-58

Tgt Ion:264 Resp: 9992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 20.9 | 31.3 |
| 265 | 38.0 | 28.0 | 42.0 |