Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020521\
Data File : BN013583.D
Acq On : 05 Feb 2021 11:17
Operator : CG/JU
Sample : PB134418BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB134418BS

Quant Time: Feb 05 11:47:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 11:21:14 2021
Response via : Initial Calibration

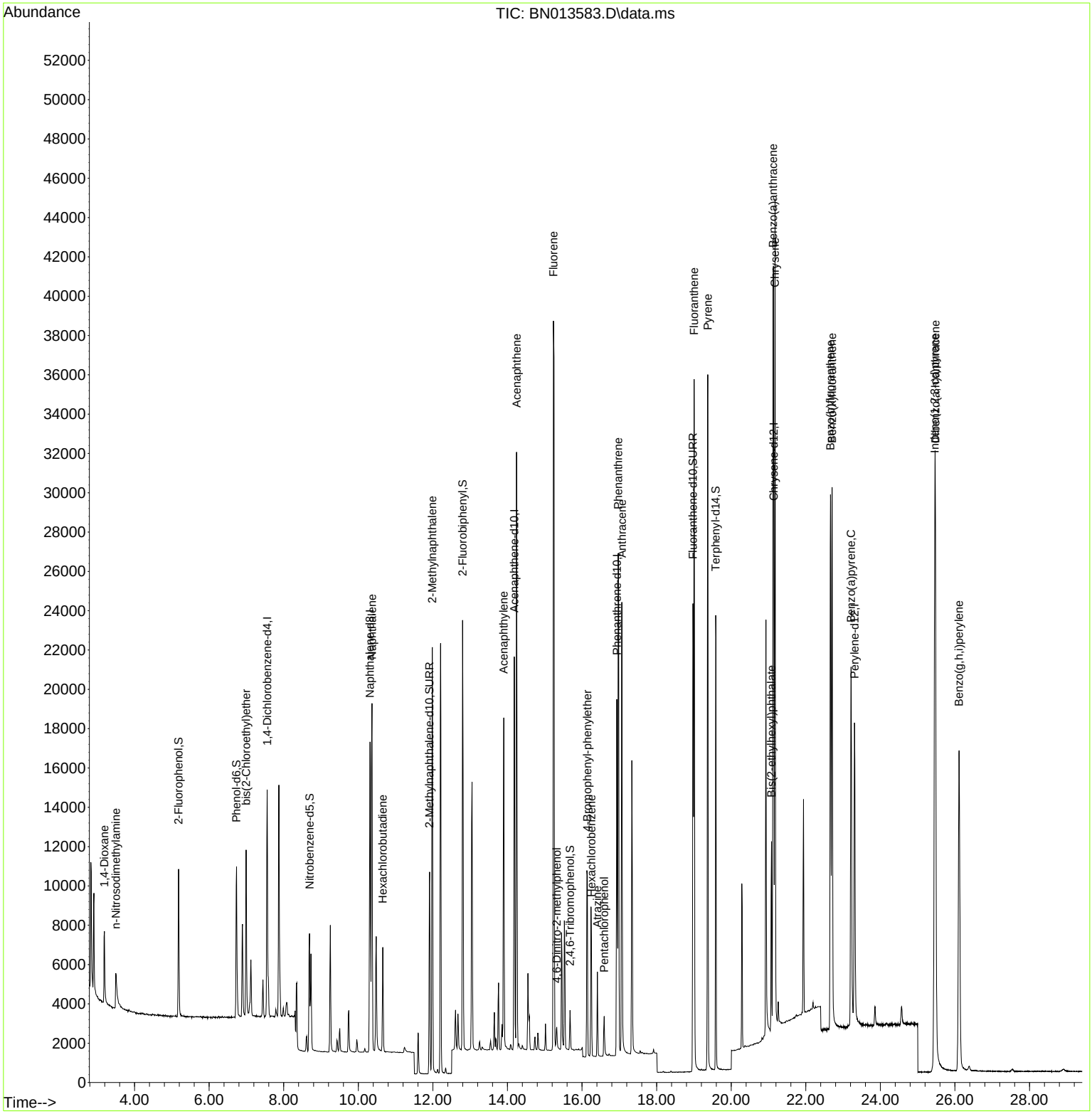
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.555 | 152 | 5473 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.315 | 136 | 20604 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.181 | 164 | 11315 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.934 | 188 | 23138 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.144 | 240 | 22792 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.308 | 264 | 20470 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.180 | 112 | 6006 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.734 | 99 | 7334 | 0.36 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.693 | 82 | 5075 | 0.36 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.911 | 152 | 14069 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.678 | 330 | 1476 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.798 | 172 | 19656 | 0.40 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.975 | 212 | 27095 | 0.37 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.586 | 244 | 23204 | 0.40 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 2592 | 0.38 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.496 | 42 | 2016 | 0.34 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 6.992 | 93 | 6210 | 0.39 | ng | | 98 |
| 9) Naphthalene | 10.366 | 128 | 24050 | 0.39 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.657 | 225 | 4064 | 0.38 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.986 | 142 | 16284 | 0.38 | ng | | 98 |
| 16) Acenaphthylene | 13.902 | 152 | 19494 | 0.36 | ng | | 99 |
| 17) Acenaphthene | 14.245 | 154 | 14459 | 0.37 | ng | | 97 |
| 18) Fluorene | 15.234 | 166 | 18258 | 0.37 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.323 | 198 | 1016 | 0.36 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.143 | 248 | 5505 | 0.38 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.252 | 284 | 6151 | 0.38 | ng | | 99 |
| 23) Atrazine | 16.410 | 200 | 3126 | 0.34 | ng | # | 94 |
| 24) Pentachlorophenol | 16.593 | 266 | 1130 | 0.24 | ng | | 97 |
| 25) Phenanthrene | 16.970 | 178 | 30231 | 0.39 | ng | | 100 |
| 26) Anthracene | 17.068 | 178 | 24100 | 0.37 | ng | | 99 |
| 28) Fluoranthene | 19.005 | 202 | 32425 | 0.37 | ng | | 99 |
| 30) Pyrene | 19.372 | 202 | 32684 | 0.39 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.123 | 228 | 29474 | 0.37 | ng | | 98 |
| 33) Chrysene | 21.176 | 228 | 33491 | 0.38 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 8801 | 0.36 | ng | | 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.461 | 276 | 36551 | 0.39 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.661 | 252 | 33198 | 0.39 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 22.705 | 252 | 33911 | 0.41 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.215 | 252 | 28024 | 0.40 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 25.475 | 278 | 30722 | 0.39 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.111 | 276 | 31814 | 0.40 | ng | | 99 |

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

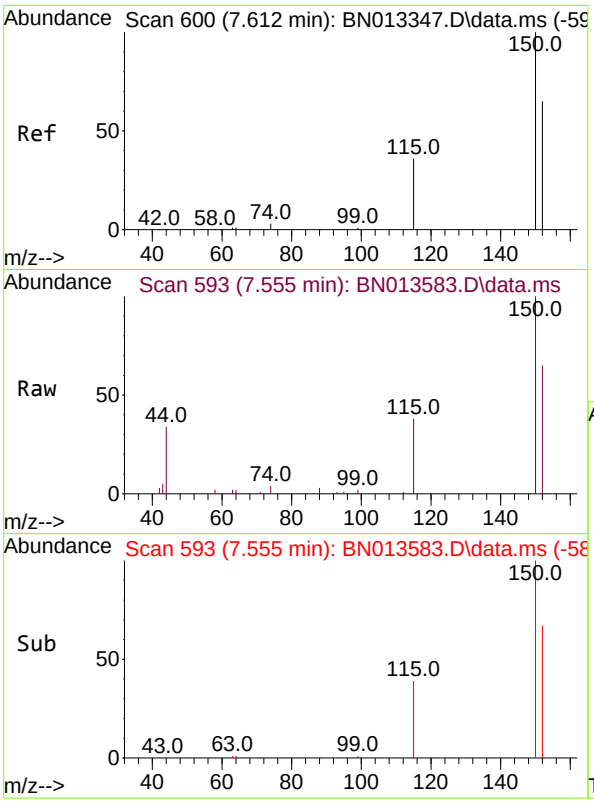
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020521\
Data File : BN013583.D
Acq On : 05 Feb 2021 11:17
Operator : CG/JU
Sample : PB134418BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

Quant Time: Feb 05 11:47:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 11:21:14 2021
Response via : Initial Calibration



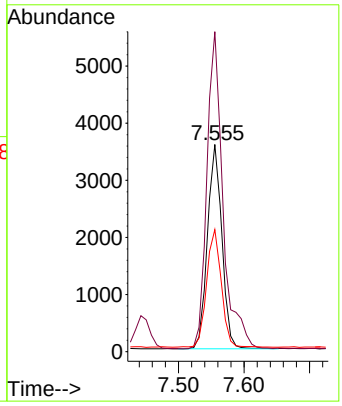
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

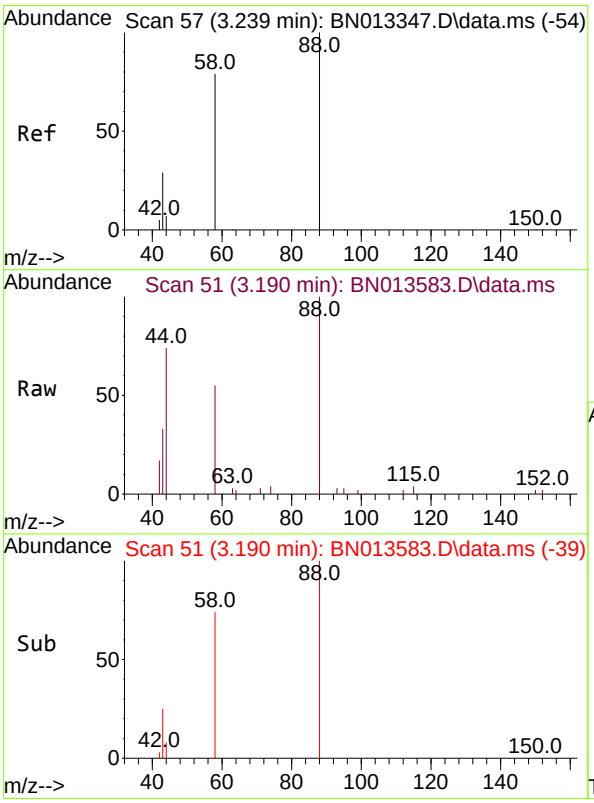



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:152 Resp: 5473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.4 | 121.8 | 182.8 |
| 115 | 59.0 | 46.6 | 69.8 |

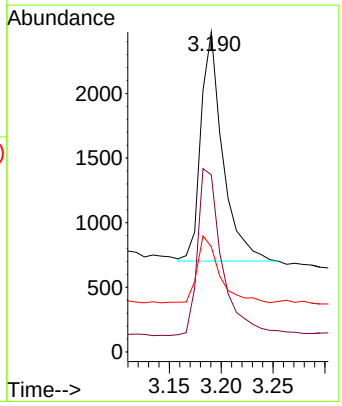


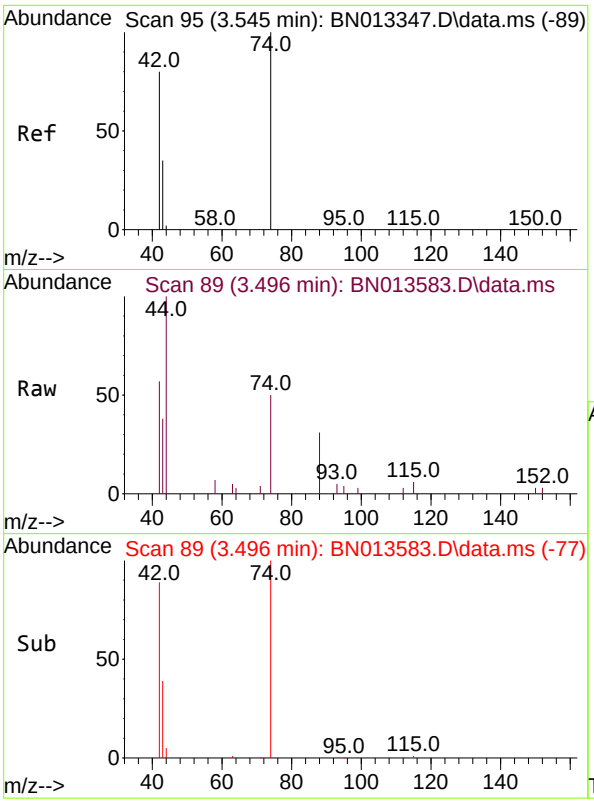

#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion: 88 Resp: 2592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.3 | 64.6 | 96.8 |
| 43 | 29.8 | 26.6 | 40.0 |



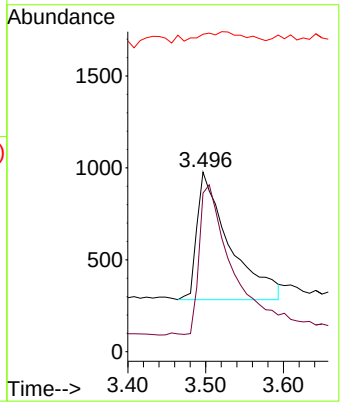
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

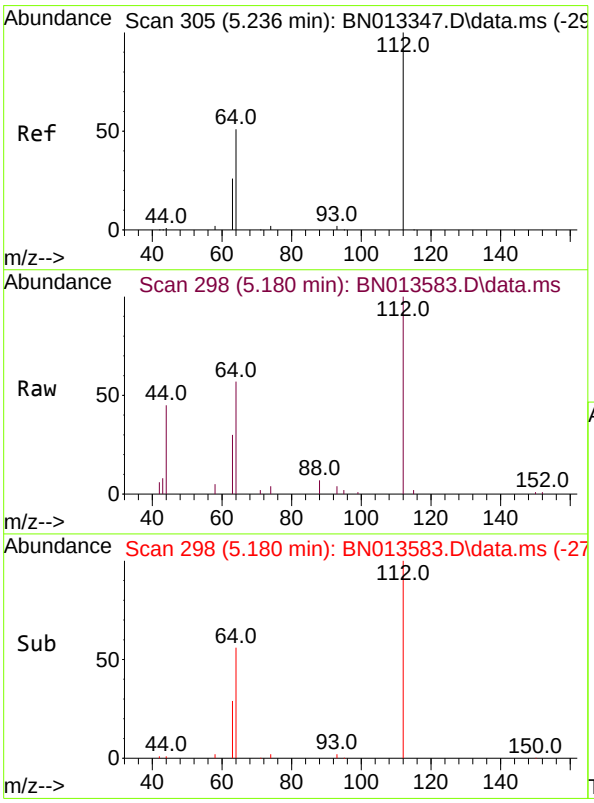



#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.496 min Scan# 89
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion: 42 Resp: 2016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 119.9 | 95.0 | 142.6 |
| 44 | 0.0 | 5.8 | 8.8# |

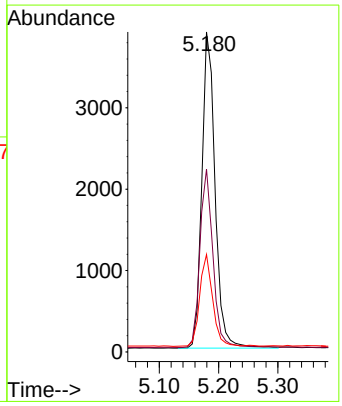



#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:112 Resp: 6006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 44.3 | 66.5 |
| 63 | 28.7 | 23.0 | 34.6 |



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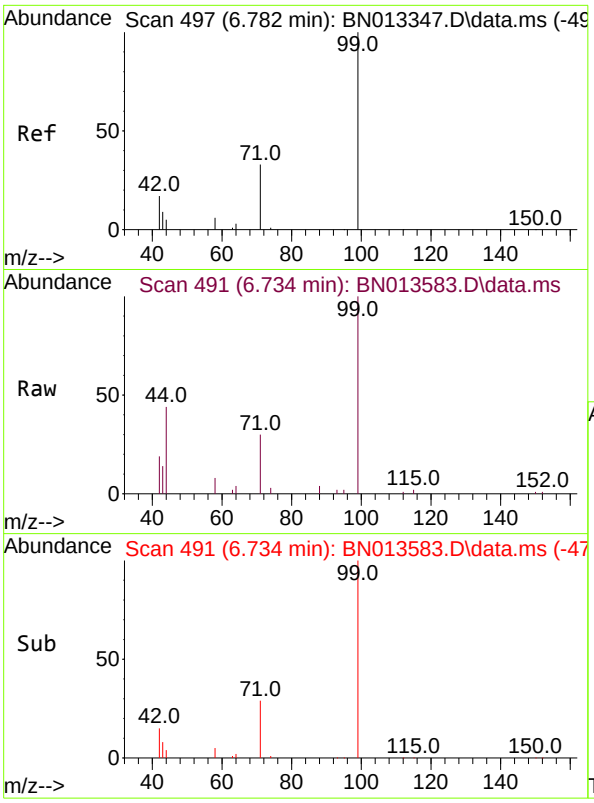
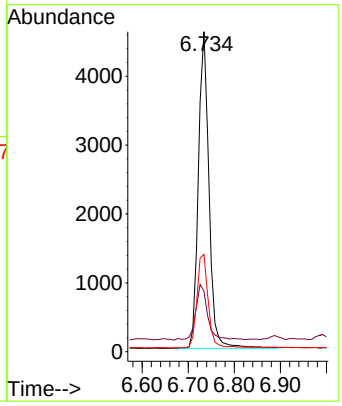
BNA_N
**ClientSampleId :**
PB134418BS

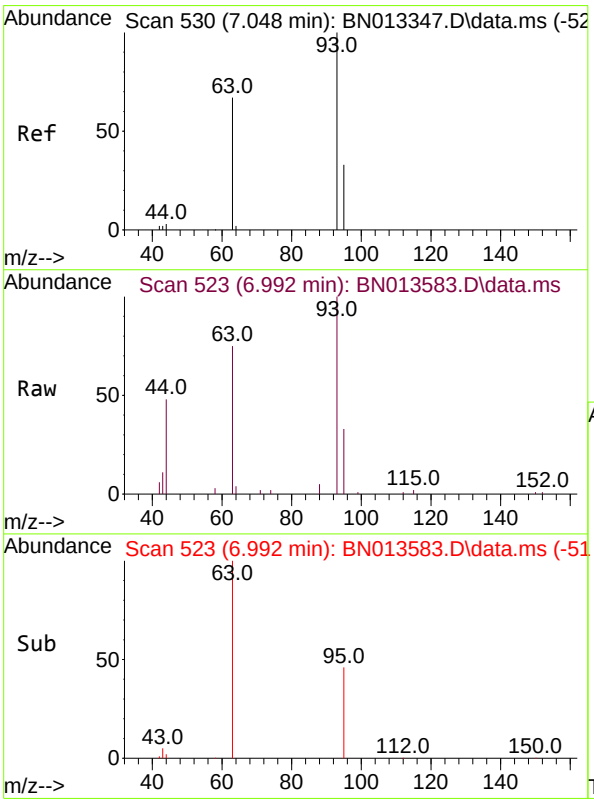



#5
Phenol-d6
Concen: 0.36 ng
RT: 6.734 min Scan# 491
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion: 99 Resp: 7334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 15.2 | 22.8 |
| 71 | 31.7 | 26.1 | 39.1 |

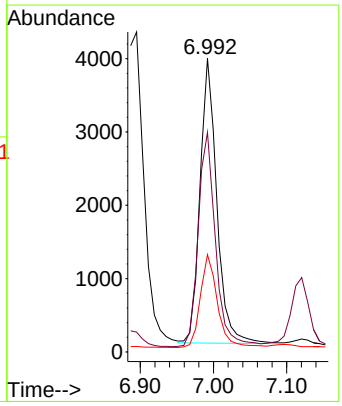


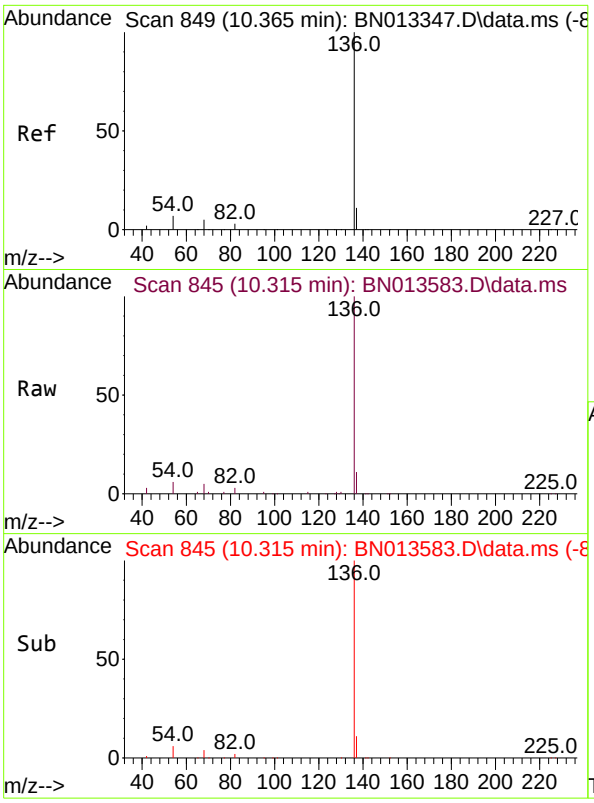

#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 6.992 min Scan# 523
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion: 93 Resp: 6210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.6 | 60.8 | 91.2 |
| 95 | 33.4 | 26.0 | 39.0 |



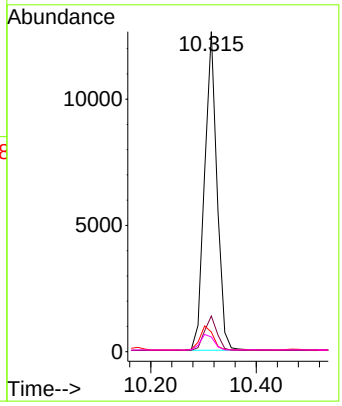
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

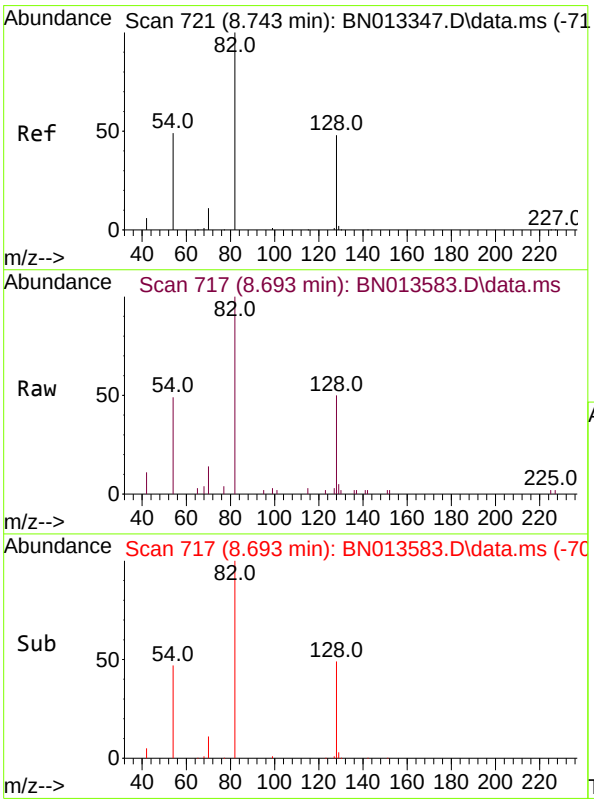



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:136 Resp: 20604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.6 |
| 54 | 6.1 | 6.4 | 9.6# |
| 68 | 4.6 | 4.5 | 6.7 |

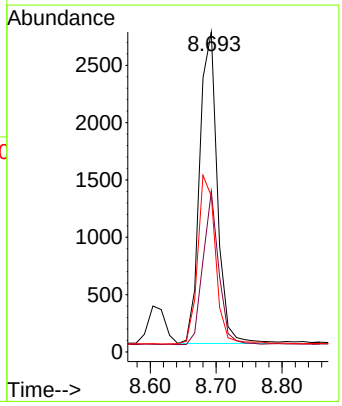



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.693 min Scan# 717
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion: 82 Resp: 5075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.2 | 39.2 | 58.8 |
| 54 | 48.7 | 40.1 | 60.1 |



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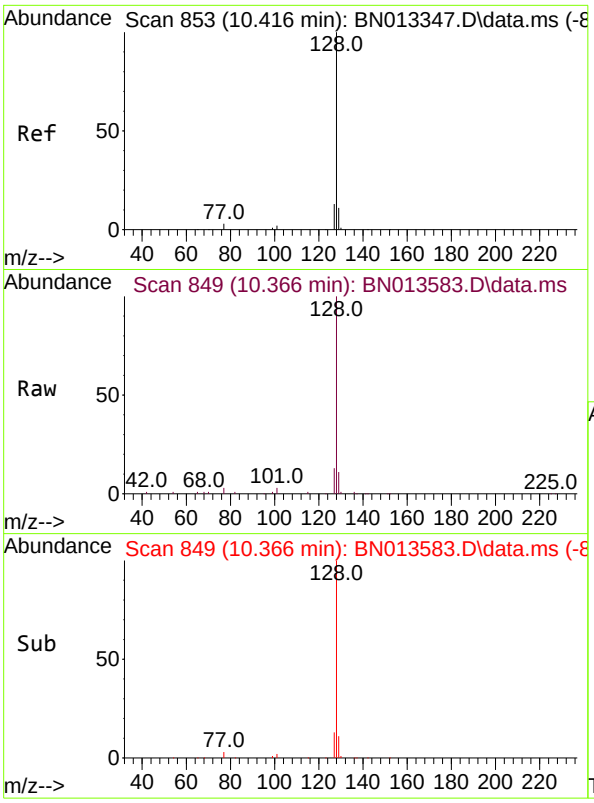
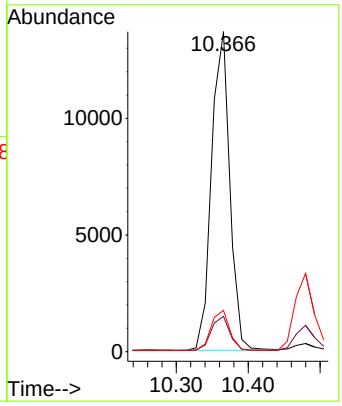
PB134418BS

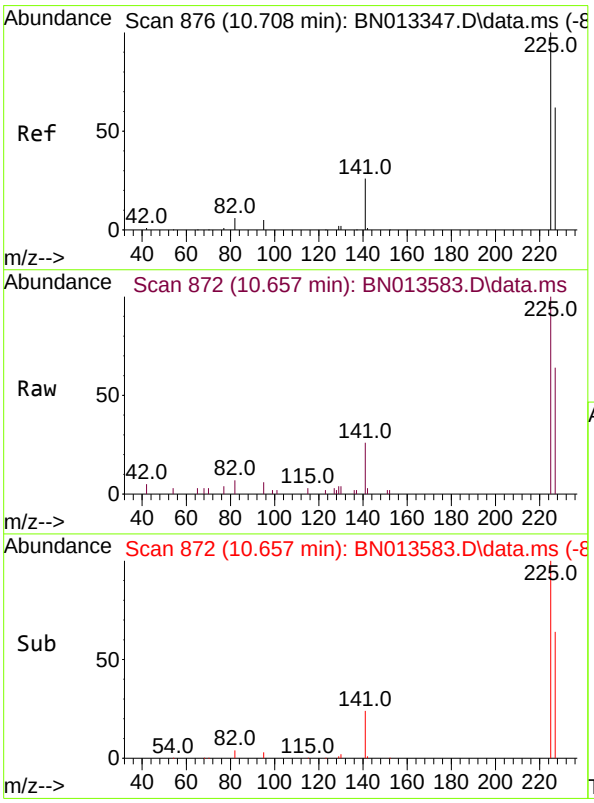



#9
Naphthalene
Concen: 0.39 ng
RT: 10.366 min Scan# 849
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:128 Resp: 24050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.4 |
| 127 | 12.9 | 10.4 | 15.6 |

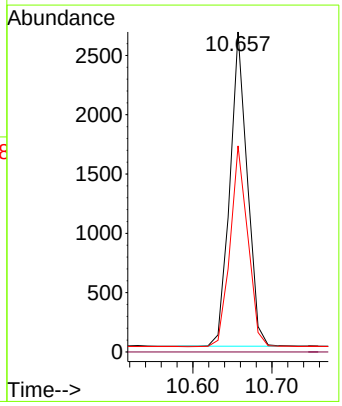


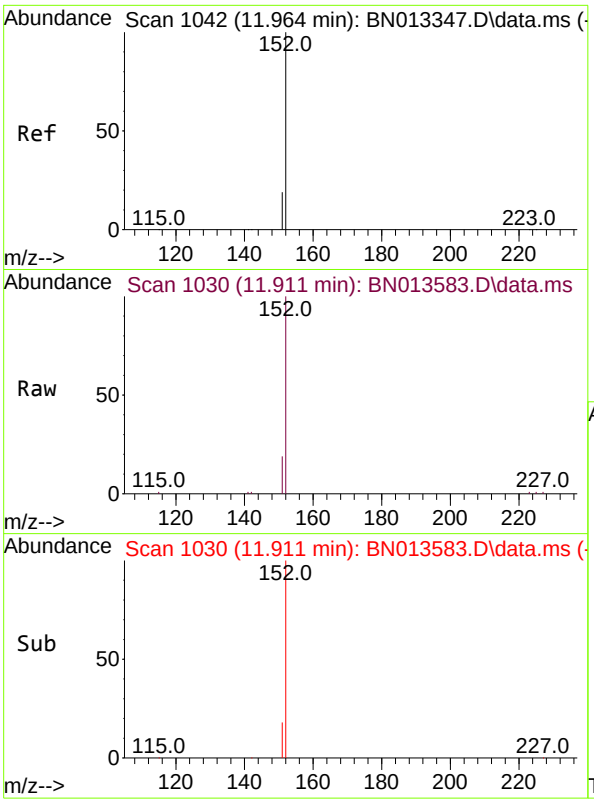




#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.657 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:225 Resp: 4064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.6 | 51.2 | 76.8 |

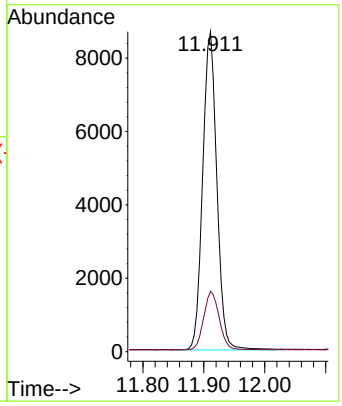





#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 11.911 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:152 Resp: 14069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.2 |




**Instrument :**
BNA_N
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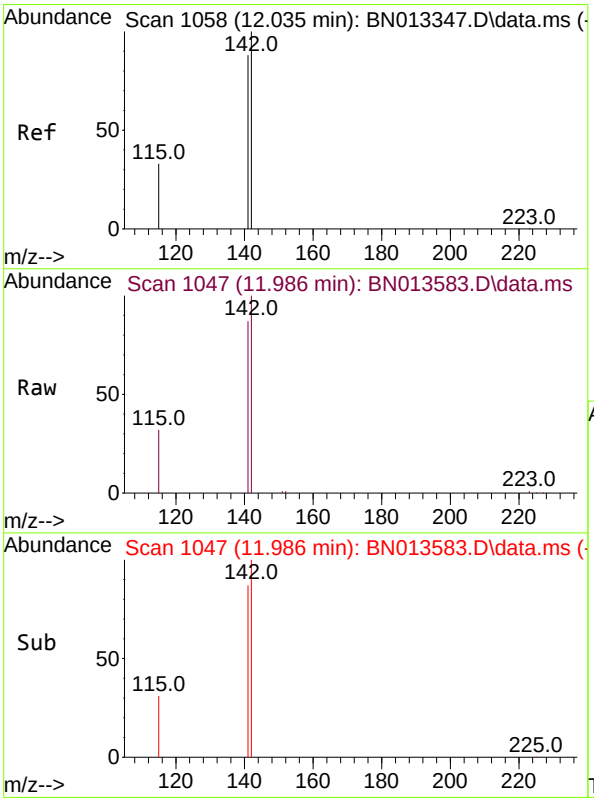
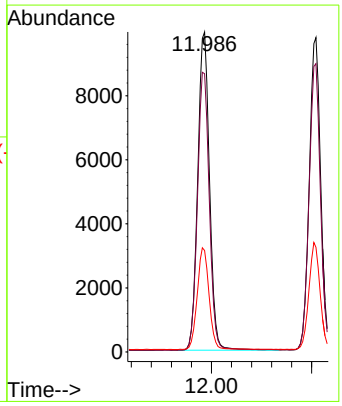
PB134418BS




#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 11.986 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:142 Resp: 16284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.9 | 70.5 | 105.7 |
| 115 | 31.7 | 27.4 | 41.0 |



**Instrument :**
BNA_N
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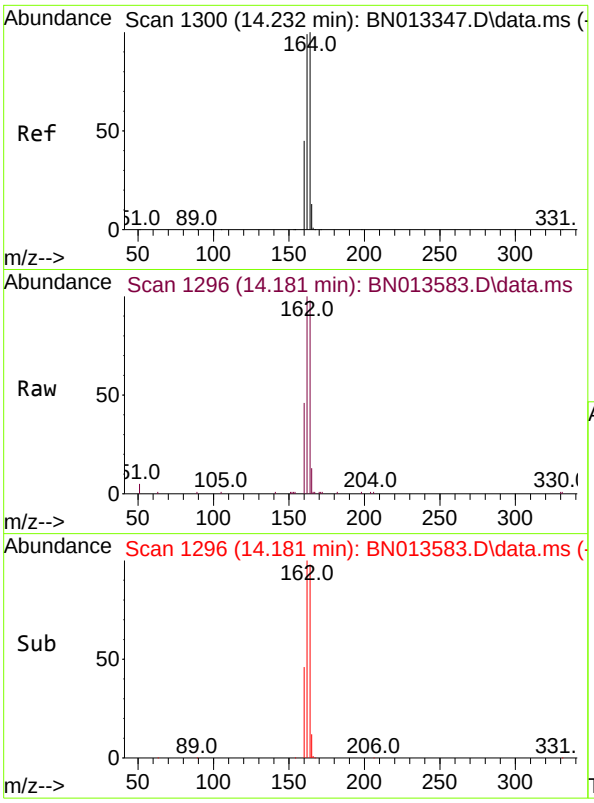
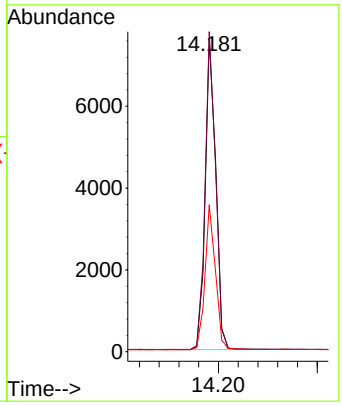
PB134418BS

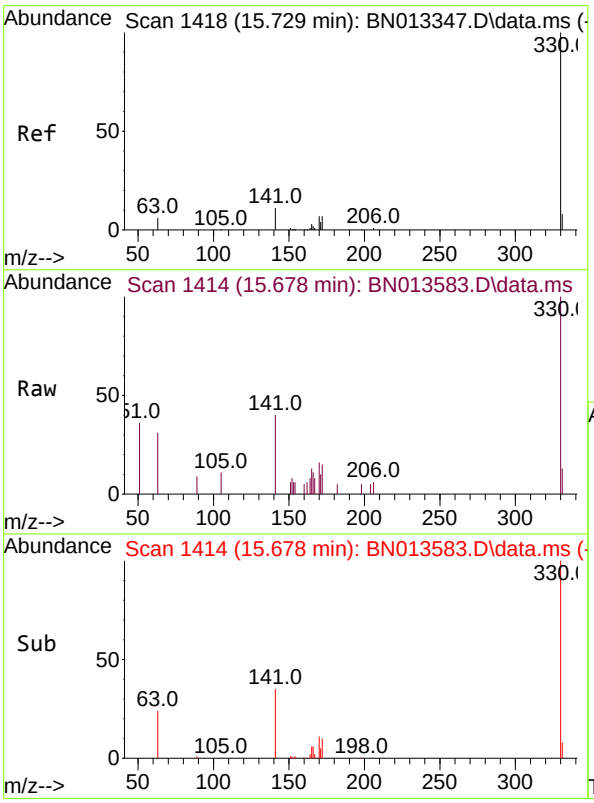



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:164 Resp: 11315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 79.6 | 119.4 |
| 160 | 47.0 | 36.0 | 54.0 |

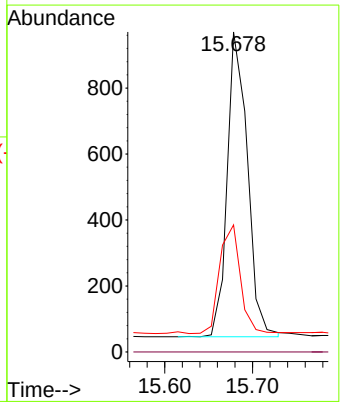


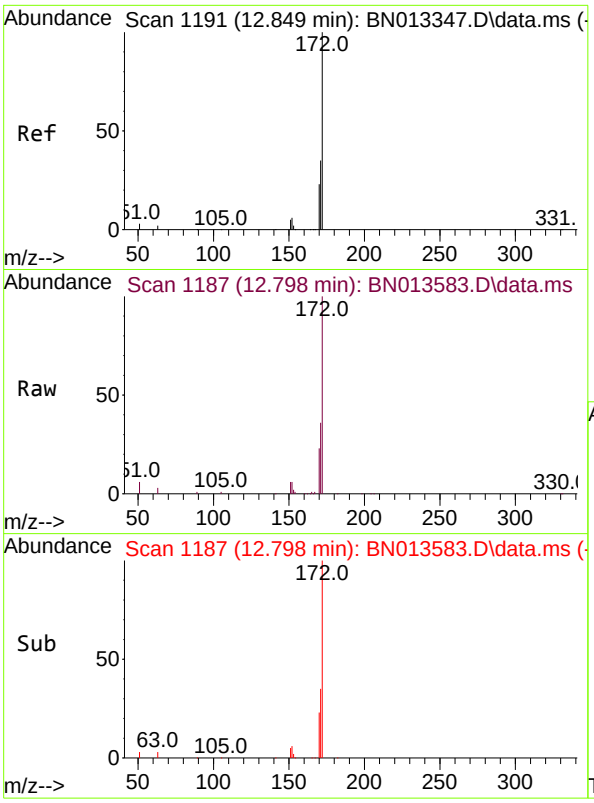

#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:330 Resp: 1476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 36.4 | 26.8 | 40.2 |



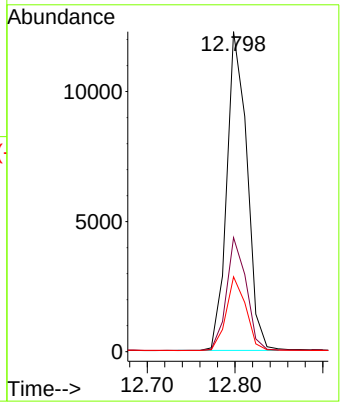
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

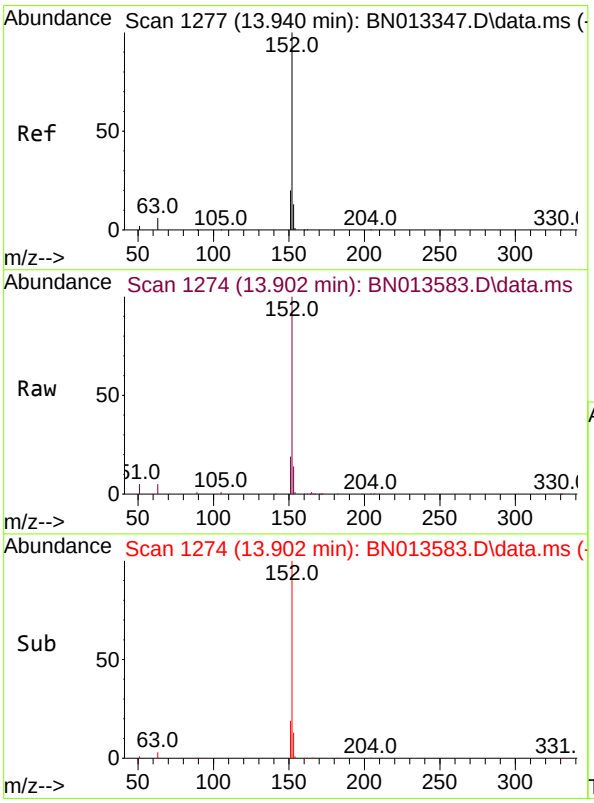



#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:172 Resp: 19656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.6 | 42.8 |
| 170 | 23.4 | 18.9 | 28.3 |

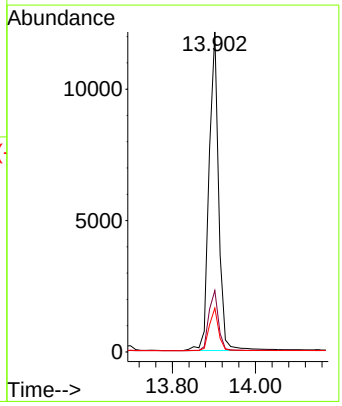


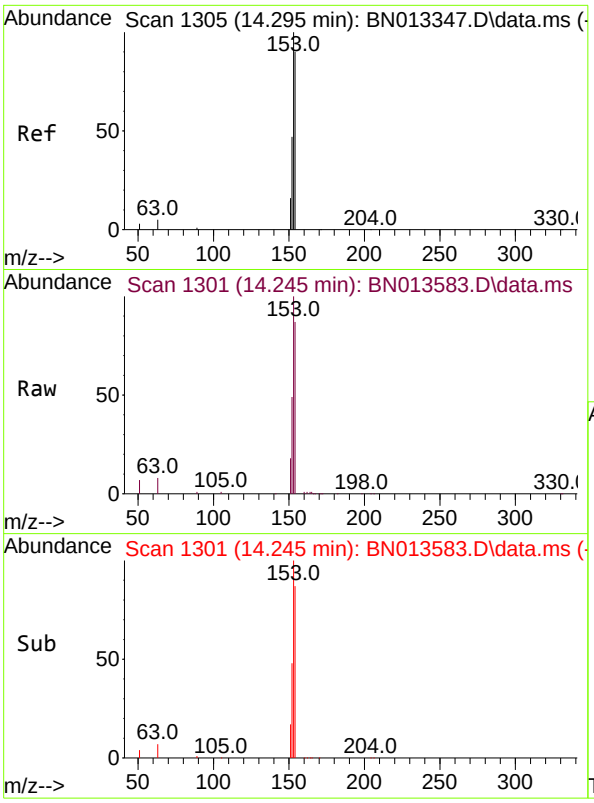

#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.902 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:152 Resp: 19494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 15.7 | 23.5 |
| 153 | 13.0 | 10.5 | 15.7 |



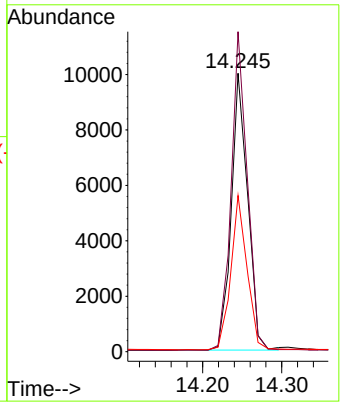
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

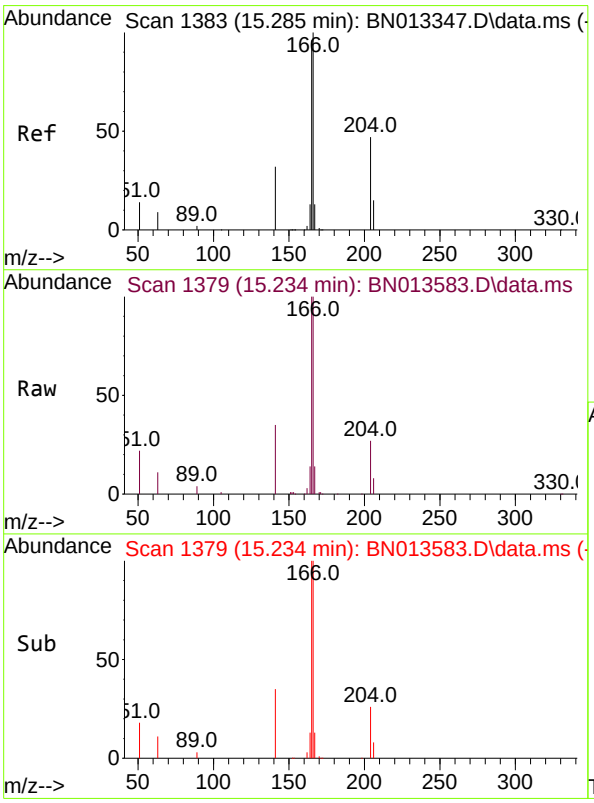



#17
Acenaphthene
Concen: 0.37 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:154 Resp: 14459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.6 | 88.4 | 132.6 |
| 152 | 55.4 | 43.0 | 64.4 |

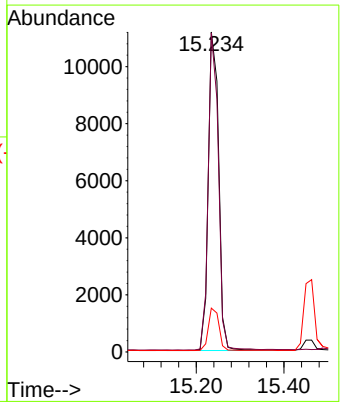


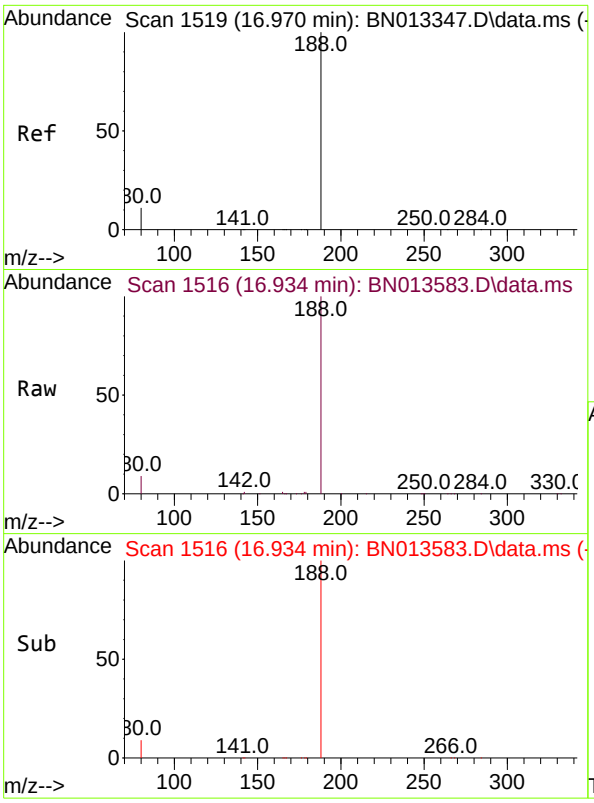

#18
Fluorene
Concen: 0.37 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:166 Resp: 18258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.8 | 116.8 |
| 167 | 13.6 | 10.6 | 16.0 |



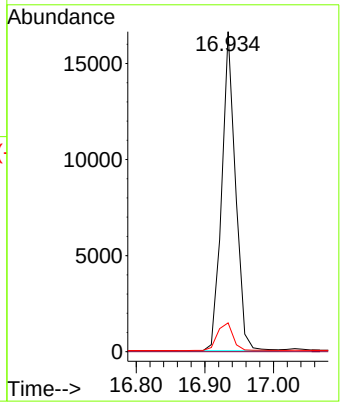
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

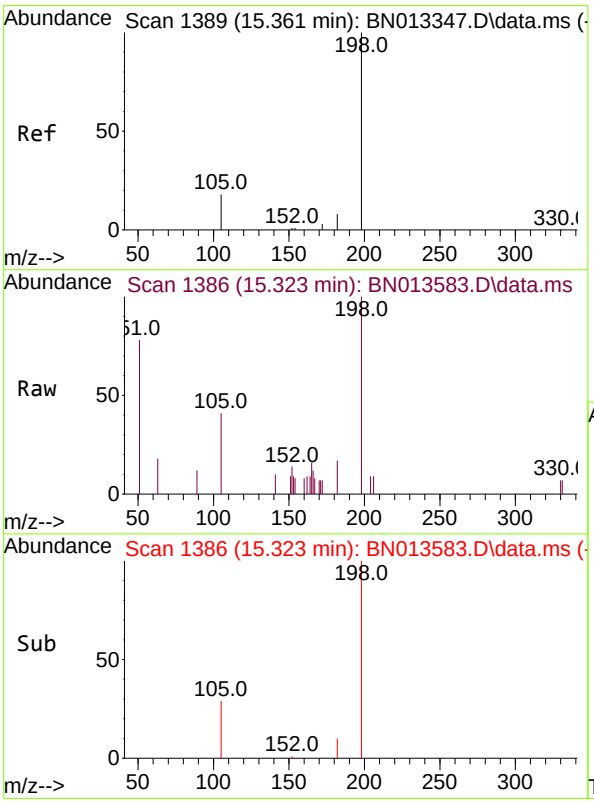



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:188 Resp: 23138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.0 | 9.0 | 13.6# |

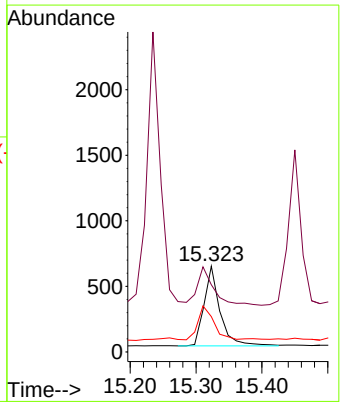


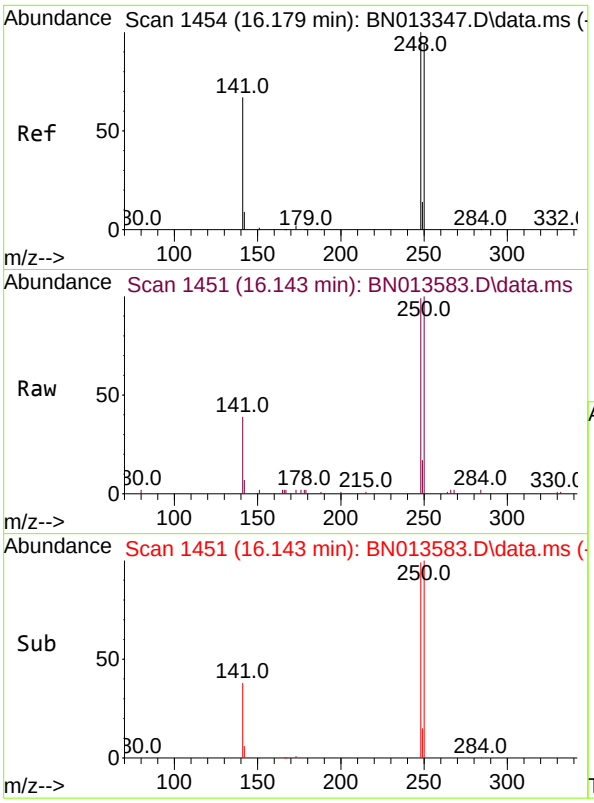

#20
4,6-Dinitro-2-methylphenol
Concen: 0.36 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:198 Resp: 1016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 78.3 | 61.7 | 92.5 |
| 105 | 41.3 | 33.0 | 49.6 |



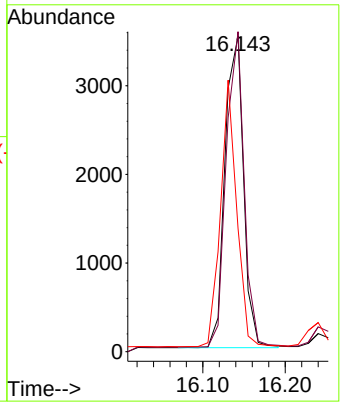
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

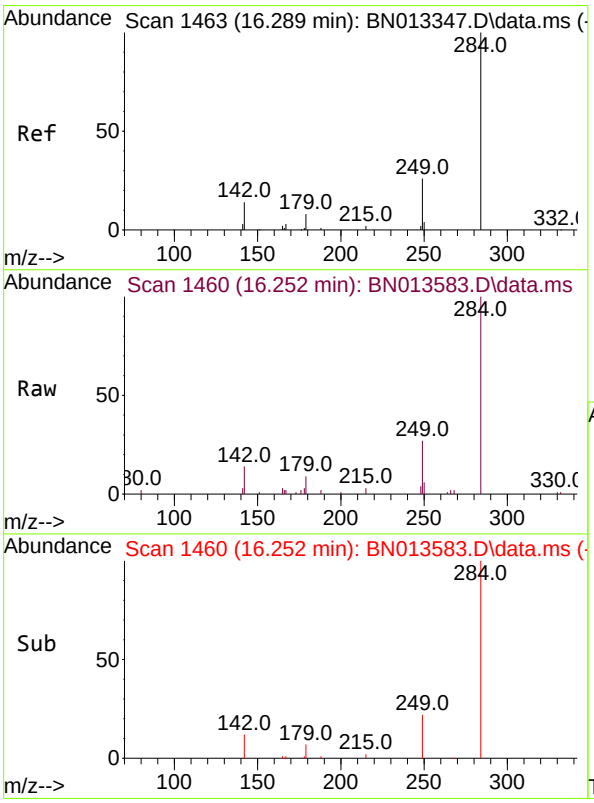



#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.143 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:248 Resp: 5505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.4 | 75.5 | 113.3 |
| 141 | 39.1 | 53.8 | 80.8# |

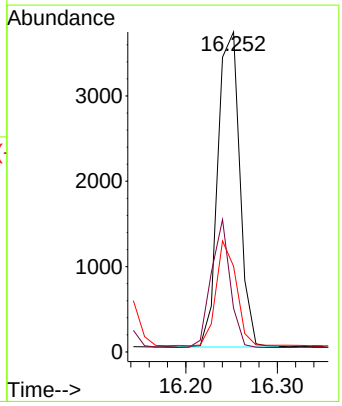


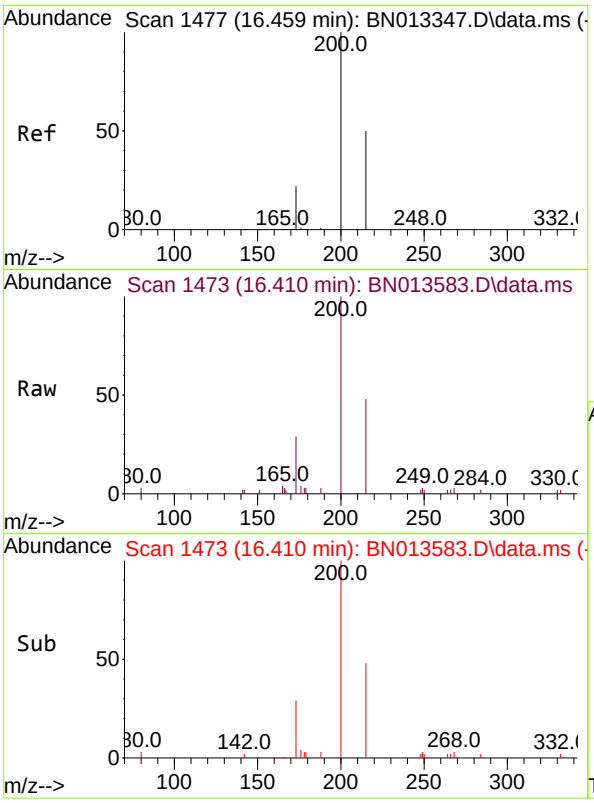

#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:284 Resp: 6151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.1 | 27.9 | 41.9 |
| 249 | 30.7 | 24.2 | 36.2 |



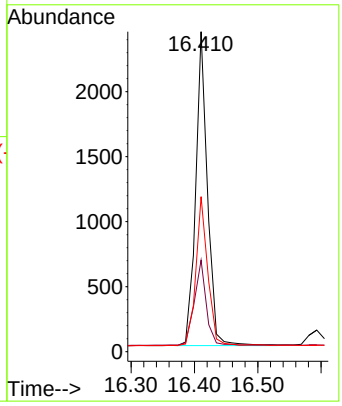
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

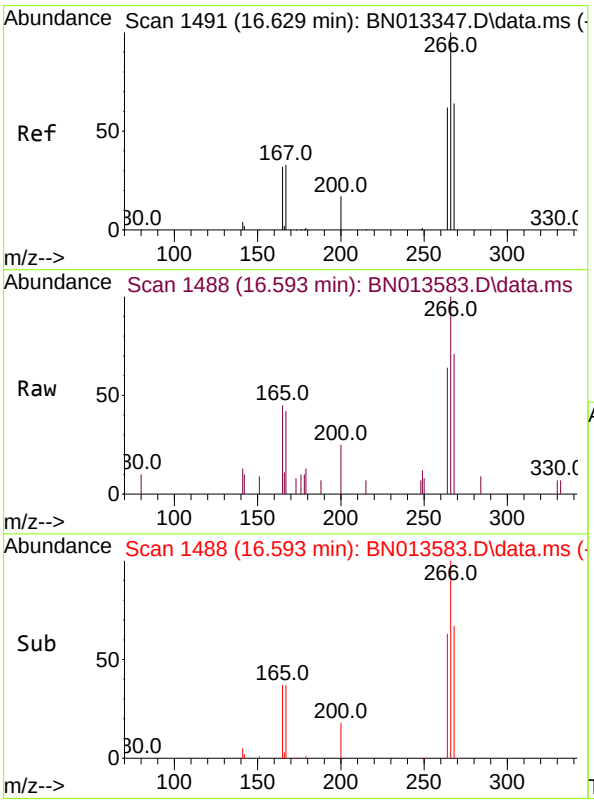



#23
Atrazine
Concen: 0.34 ng
RT: 16.410 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:200 Resp: 3126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.6 | 18.6 | 28.0# |
| 215 | 48.4 | 41.0 | 61.6 |

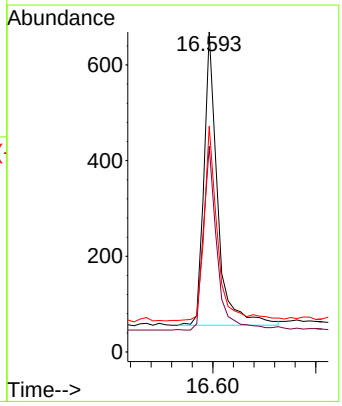


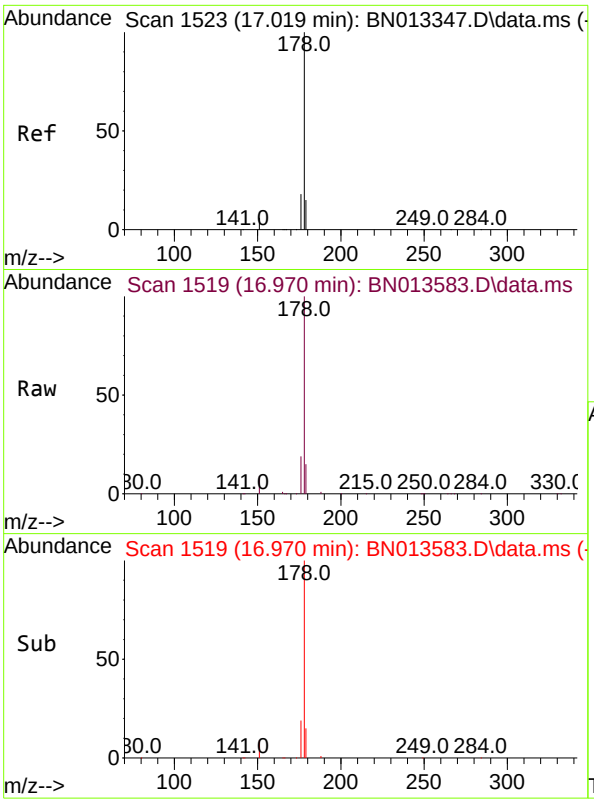

#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:266 Resp: 1130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.3 | 51.6 | 77.4 |
| 268 | 64.2 | 54.6 | 82.0 |



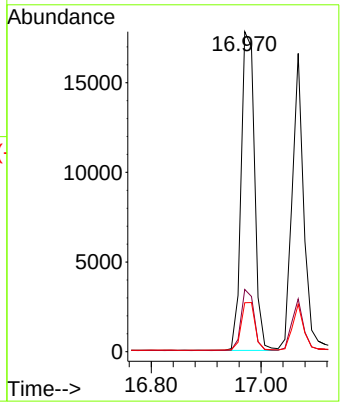
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

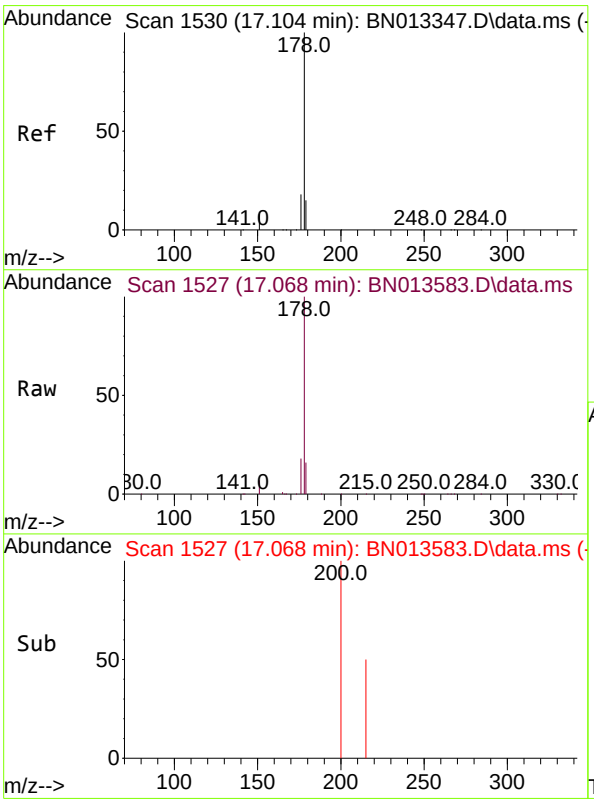



#25
Phenanthrene
Concen: 0.39 ng
RT: 16.970 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:178 Resp: 30231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.4 |
| 179 | 15.3 | 12.3 | 18.5 |

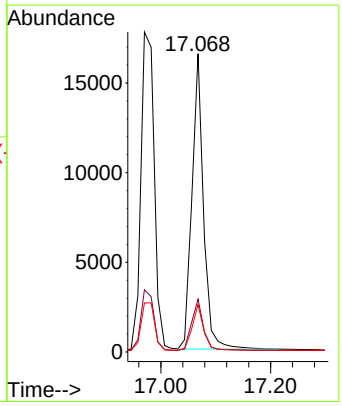


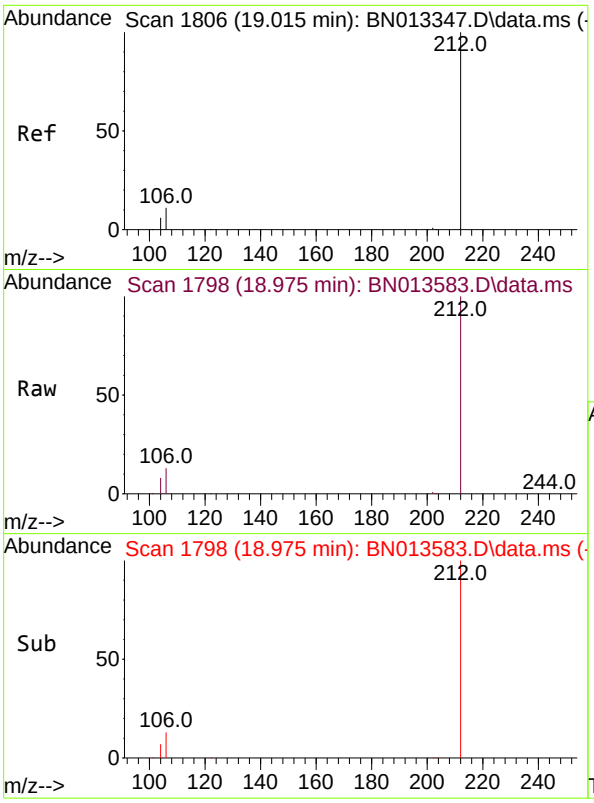

#26
Anthracene
Concen: 0.37 ng
RT: 17.068 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:178 Resp: 24100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 14.6 | 21.8 |
| 179 | 15.3 | 12.2 | 18.2 |



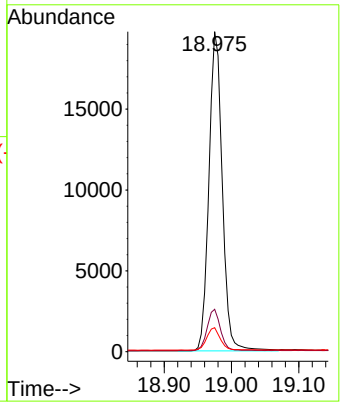
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

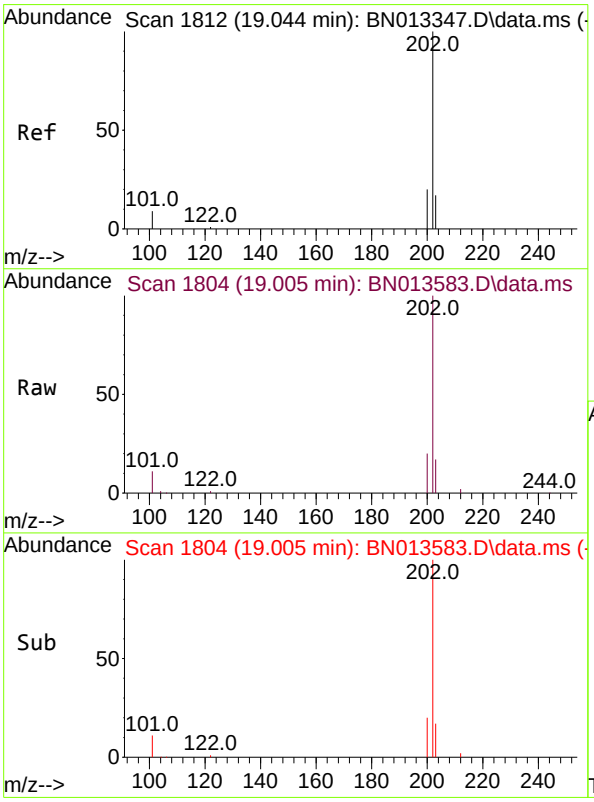



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.975 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:212 Resp: 27095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.9 | 9.7 | 14.5 |
| 104 | 7.1 | 5.5 | 8.3 |

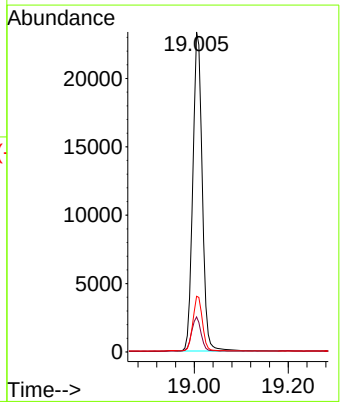


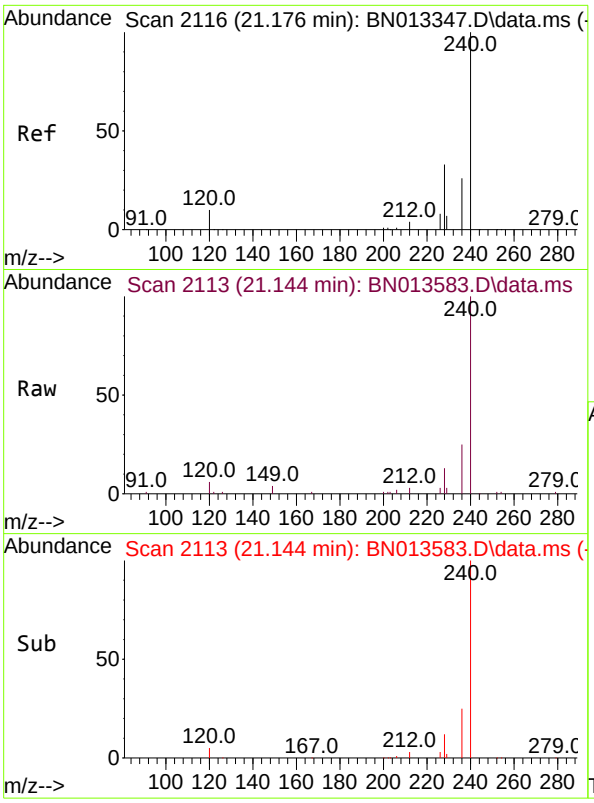

#28
Fluoranthene
Concen: 0.37 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:202 Resp: 32425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 8.1 | 12.1 |
| 203 | 17.1 | 13.9 | 20.9 |



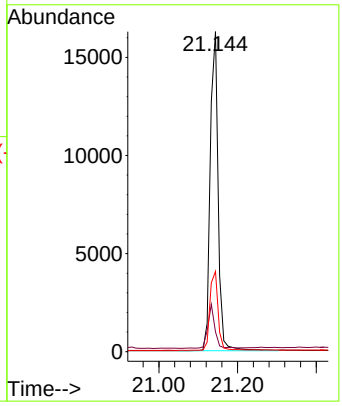
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

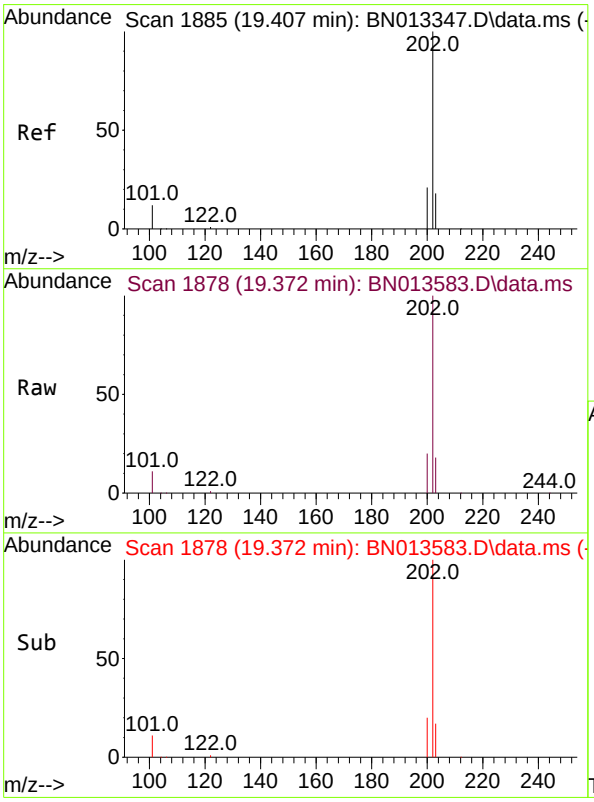



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.144 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:240 Resp: 22792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.2 | 10.2 | 15.4# |
| 236 | 25.1 | 21.3 | 31.9 |

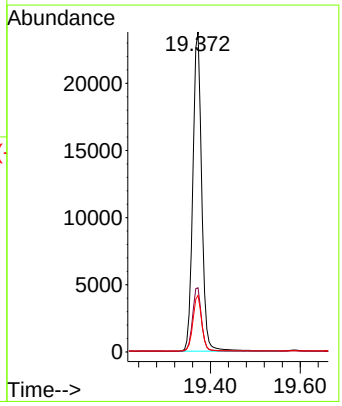


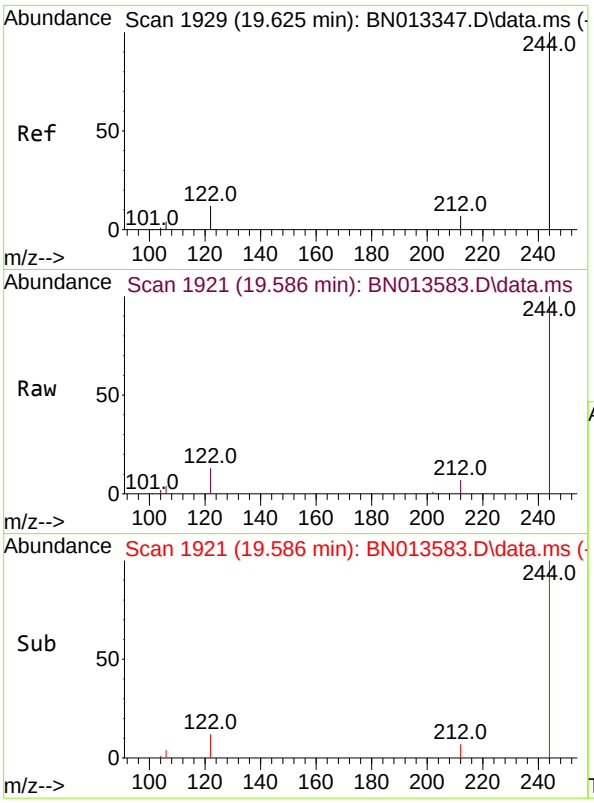

#30
Pyrene
Concen: 0.39 ng
RT: 19.372 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:202 Resp: 32684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 16.3 | 24.5 |
| 203 | 17.4 | 14.0 | 21.0 |



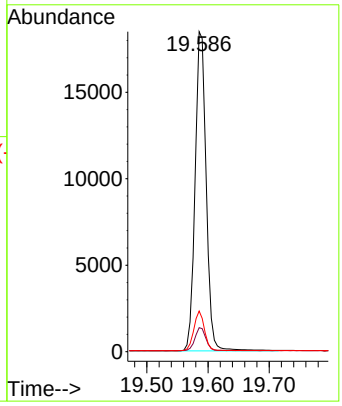
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

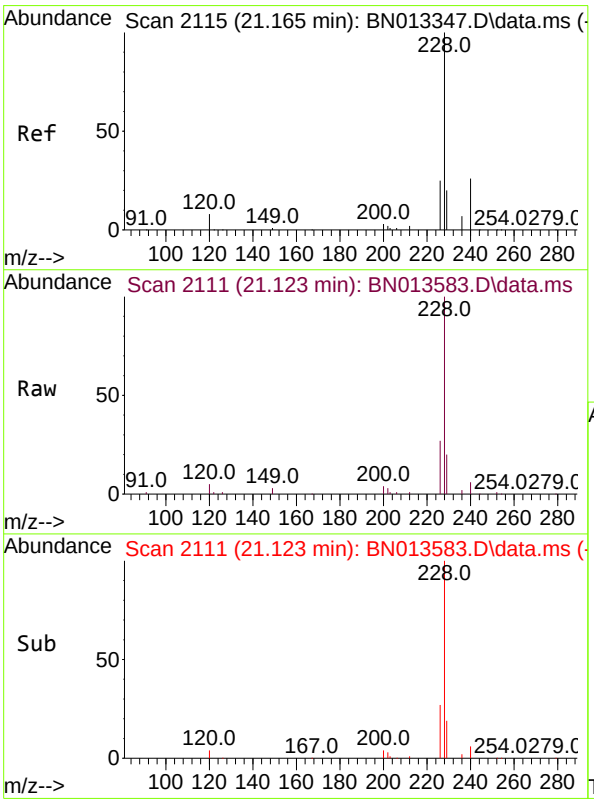



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.586 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:244 Resp: 23204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.1 | 9.1 |
| 122 | 12.7 | 9.8 | 14.8 |

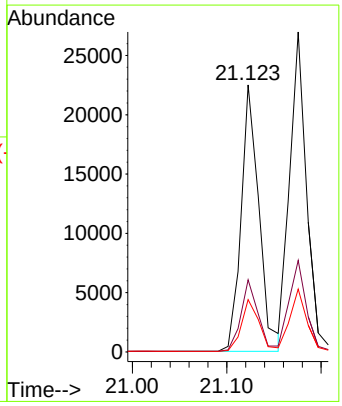


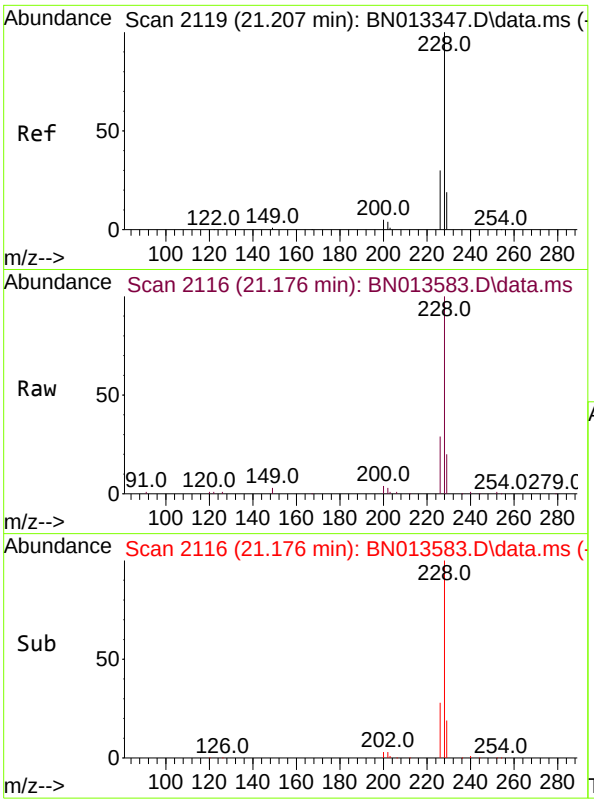

#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:228 Resp: 29474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 20.5 | 30.7 |
| 229 | 19.6 | 16.2 | 24.4 |



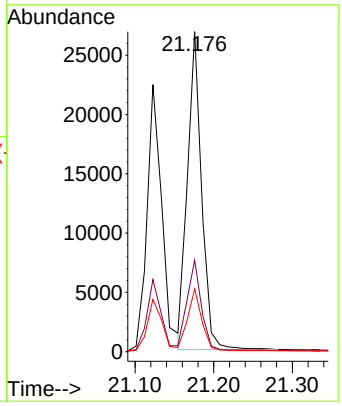
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

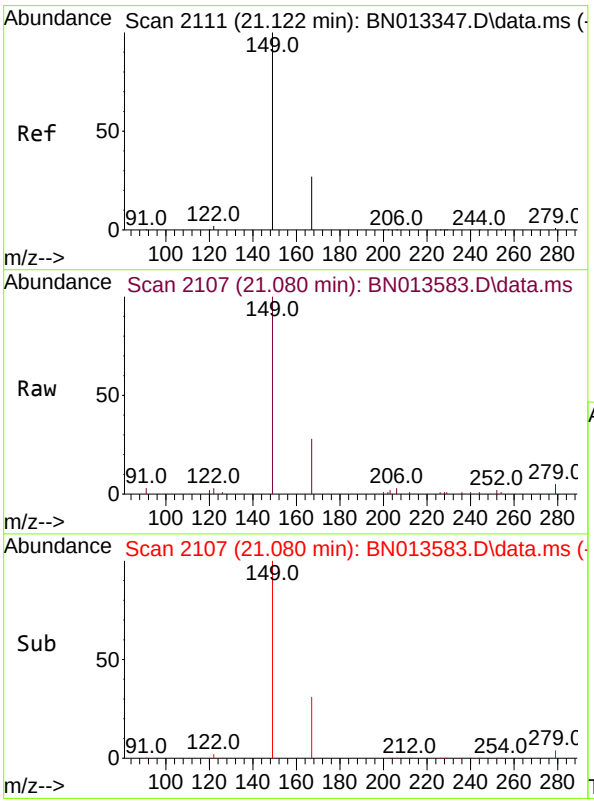



#33
Chrysene
Concen: 0.38 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:228 Resp: 33491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 24.3 | 36.5 |
| 229 | 19.7 | 15.1 | 22.7 |

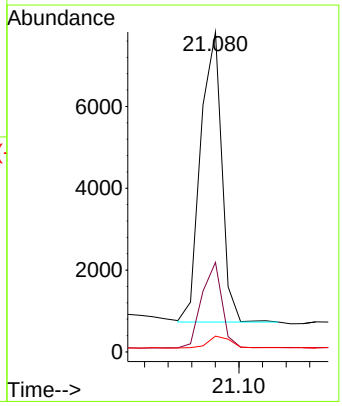


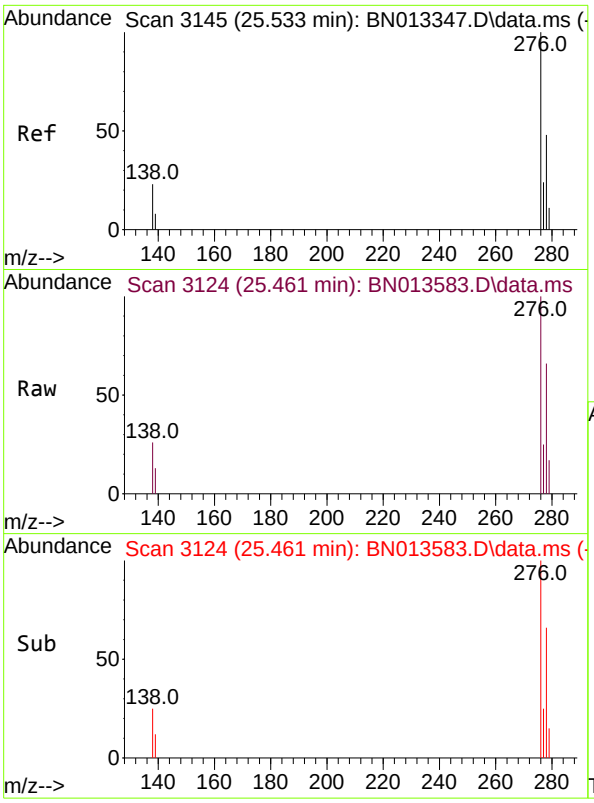

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.080 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:149 Resp: 8801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 22.1 | 33.1 |
| 279 | 4.6 | 3.5 | 5.3 |



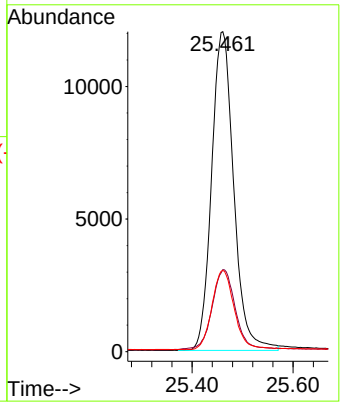
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

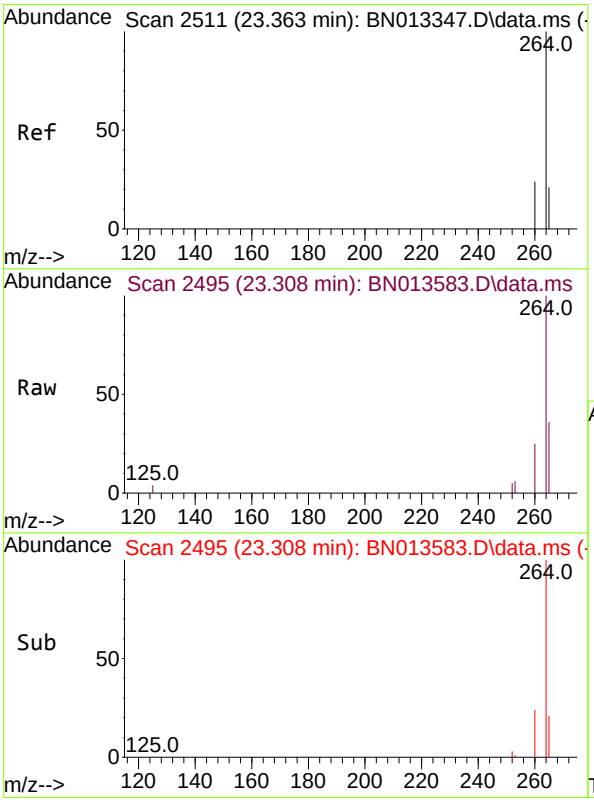



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 25.461 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:276 Resp: 36551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.0 | 19.8 | 29.6 |
| 277 | 25.1 | 19.9 | 29.9 |

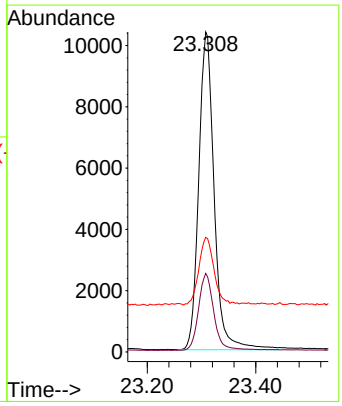


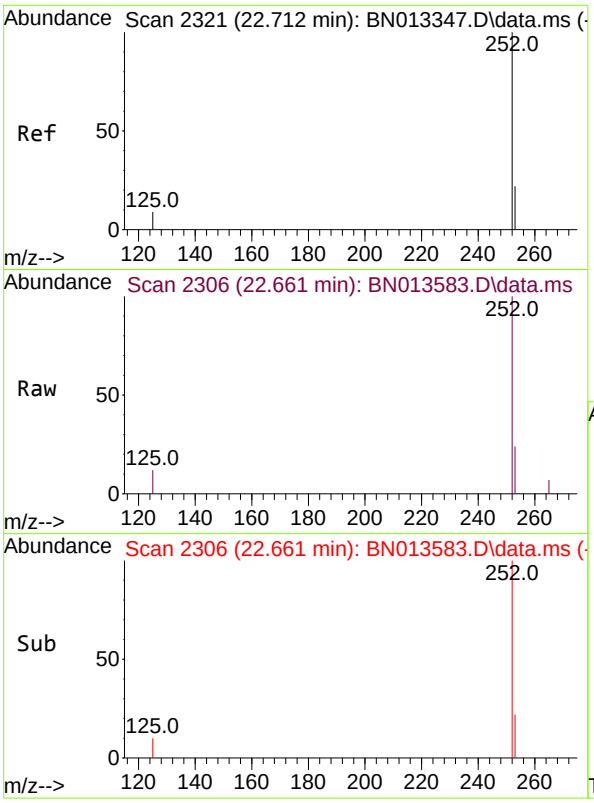

#36
Perylene-d12
Concen: 0.40 ng
RT: 23.308 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:264 Resp: 20470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.3 | 28.9 |
| 265 | 35.8 | 66.2 | 99.4# |



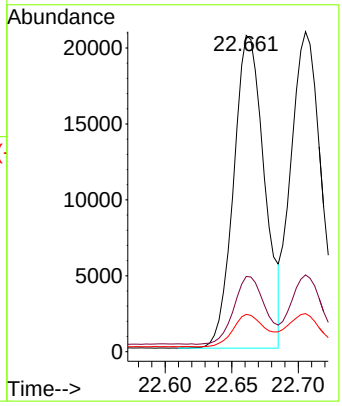
**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

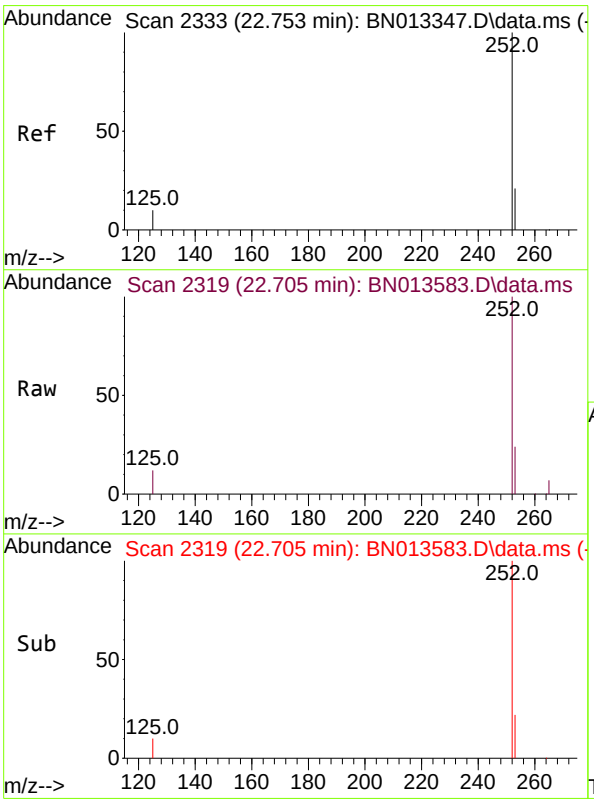



#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.661 min Scan# 2306
Delta R.T. -0.003 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:252 Resp: 33198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 20.4 | 30.6 |
| 125 | 11.8 | 11.6 | 17.4 |

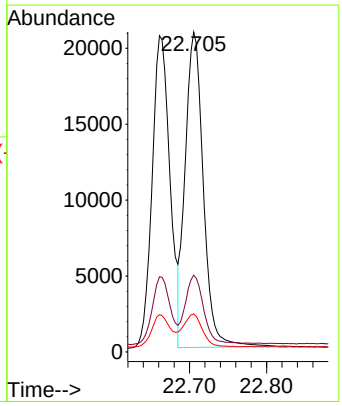


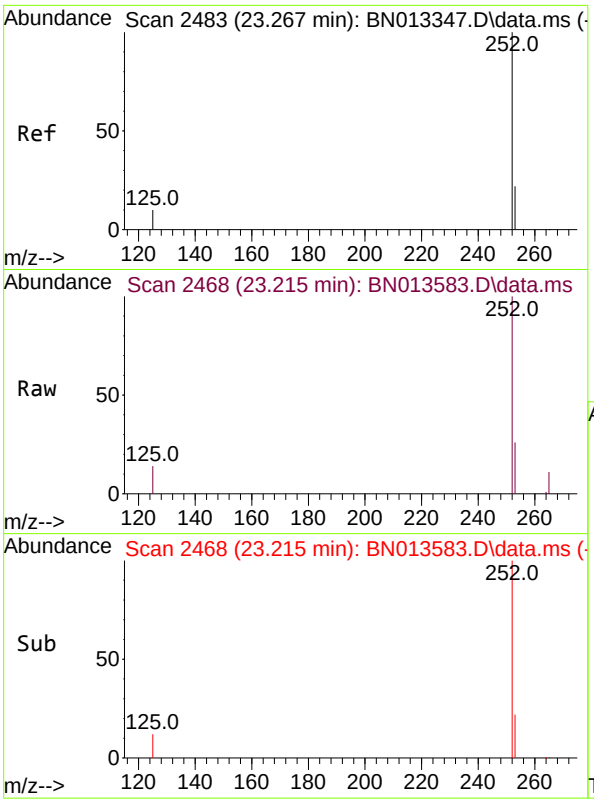




#38
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.705 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:252 Resp: 33911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 20.5 | 30.7 |
| 125 | 11.9 | 12.3 | 18.5# |

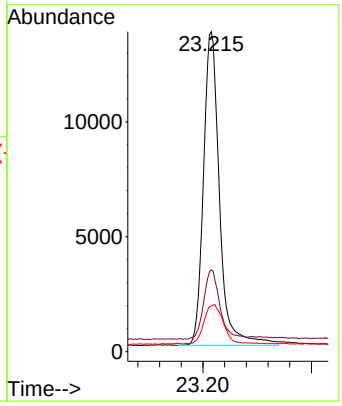




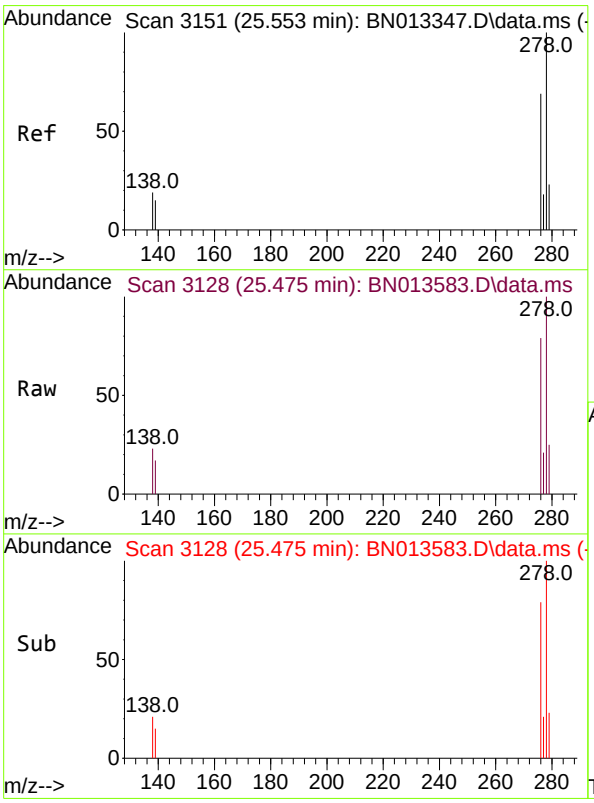

#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.215 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:252 Resp: 28024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.6 | 21.8 | 32.6 |
| 125 | 14.3 | 14.6 | 21.8# |



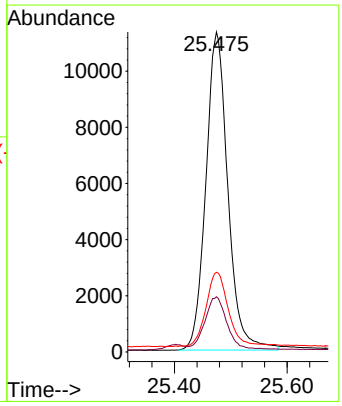

**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS

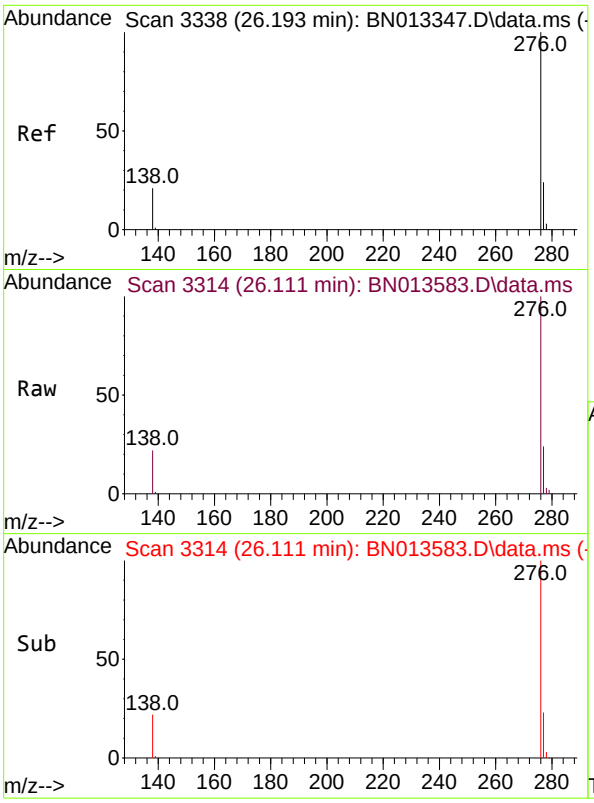



#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.475 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:278 Resp: 30722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.3 | 13.1 | 19.7 |
| 279 | 24.9 | 21.4 | 32.0 |

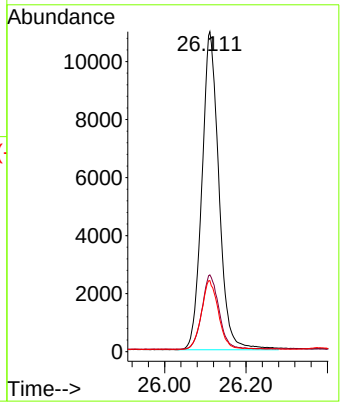





#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.111 min Scan# 3314
Delta R.T. -0.003 min
Lab File: BN013583.D
Acq: 05 Feb 2021 11:17

Tgt Ion:276 Resp: 31814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 20.0 | 30.0 |
| 138 | 22.2 | 17.8 | 26.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
PB134418BS