Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010705.D
Acq On    : 13 May 2020  12:33
Operator  : CG/JU
Sample    : SSTDICC1.6
Misc      :
ALS Vial  : 7   Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: May 13 13:26:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 2877 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.33 | 136 | 10978 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.20 | 164 | 6942 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.94 | 188 | 15191 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.15 | 240 | 14054 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.32 | 264 | 12594 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 9392 | 1.49 | ng | | 0.00 |
| 5) Phenol-d6 | 6.77 | 99 | 11848 | 1.44 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.71 | 82 | 13094 | 1.71 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152 | 30154 | 1.67 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.70 | 330 | 4410 | 1.35 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.82 | 172 | 43085 | 1.71 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.98 | 212 | 71780 | 1.56 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.60 | 244 | 53500 | 1.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 4252 | 2.01 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 2569 | 1.87 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.02 | 93 | 11682 | 1.64 | ng | | 95 |
| 9) Naphthalene | 10.38 | 128 | 45598 | 1.67 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 10385 | 1.58 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.00 | 142 | 33351 | 1.70 | ng | | 98 |
| 16) Acenaphthylene | 13.91 | 152 | 48577 | 1.62 | ng | | 100 |
| 17) Acenaphthene | 14.26 | 154 | 31504 | 1.63 | ng | | 100 |
| 18) Fluorene | 15.25 | 166 | 43071 | 1.71 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.15 | 248 | 14462 | 1.71 | ng | | 92 |
| 21) Hexachlorobenzene | 16.26 | 284 | 15950 | 1.66 | ng | | 99 |
| 22) Pentachlorophenol | 16.61 | 266 | 4999 | 1.32 | ng | | 99 |
| 23) Phenanthrene | 16.99 | 178 | 69406 | 1.69 | ng | | 100 |
| 24) Anthracene | 17.08 | 178 | 60100 | 1.60 | ng | | 100 |
| 26) Fluoranthene | 19.01 | 202 | 82074 | 1.61 | ng | | 99 |
| 28) Pyrene | 19.38 | 202 | 79897 | 1.69 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.14 | 228 | 68138 | 1.49 | ng | | 99 |
| 31) Chrysene | 21.19 | 228 | 76455 | 1.67 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 28420 | 1.21 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 68098 | 1.69 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.68 | 252 | 70757 | 1.71 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.72 | 252 | 75428 | 1.82 | ng | # | 90 |
| 37) Benzo(a)pyrene | 23.22 | 252 | 60037 | 1.64 | ng | # | 84 |
| 38) Dibenzo(a,h)anthracene | 25.47 | 278 | 52448 | 1.56 | ng | # | 90 |
| 39) Benzo(g,h,i)perylene | 26.10 | 276 | 60343 | 1.79 | ng | | 97 |

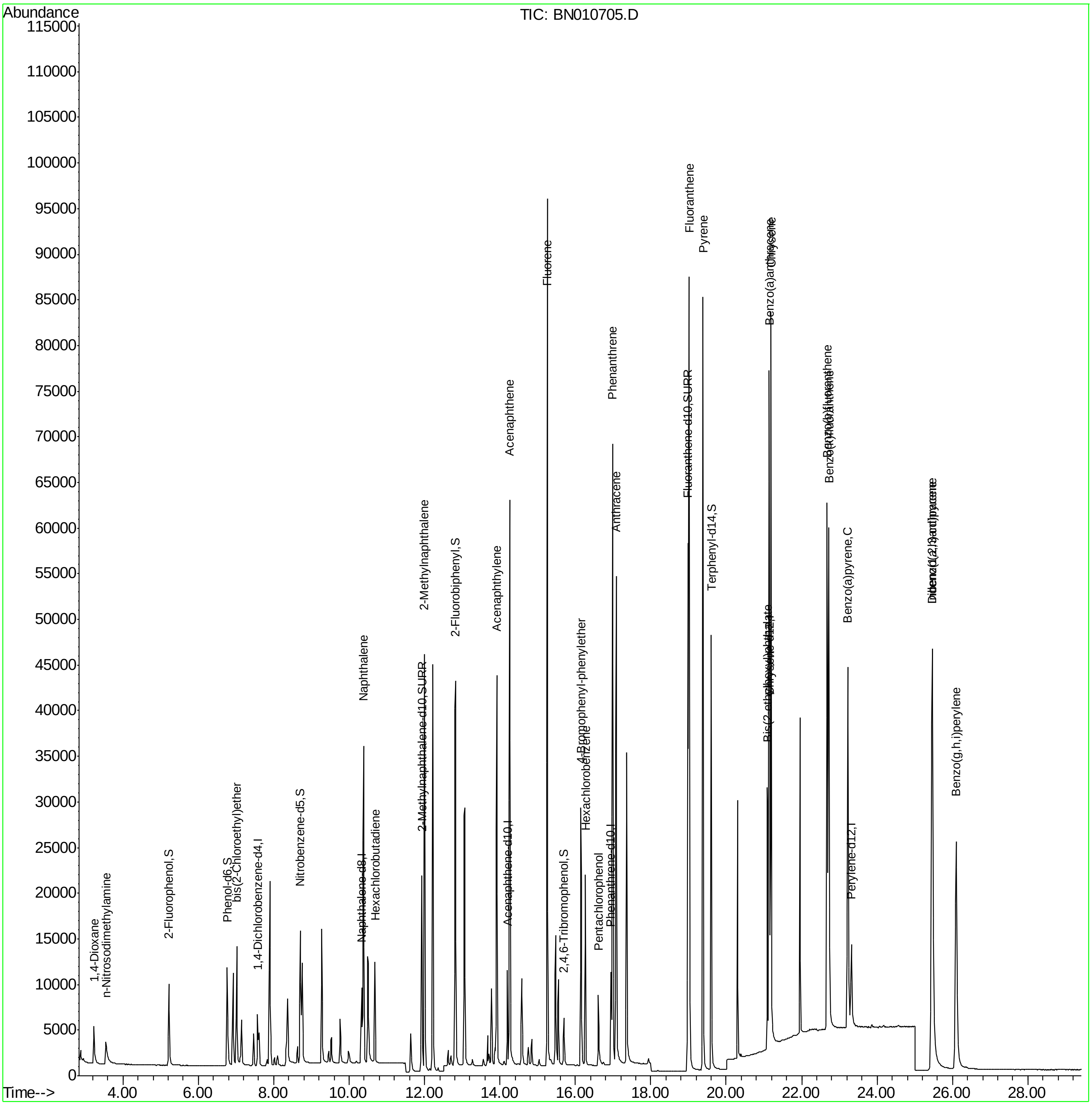
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

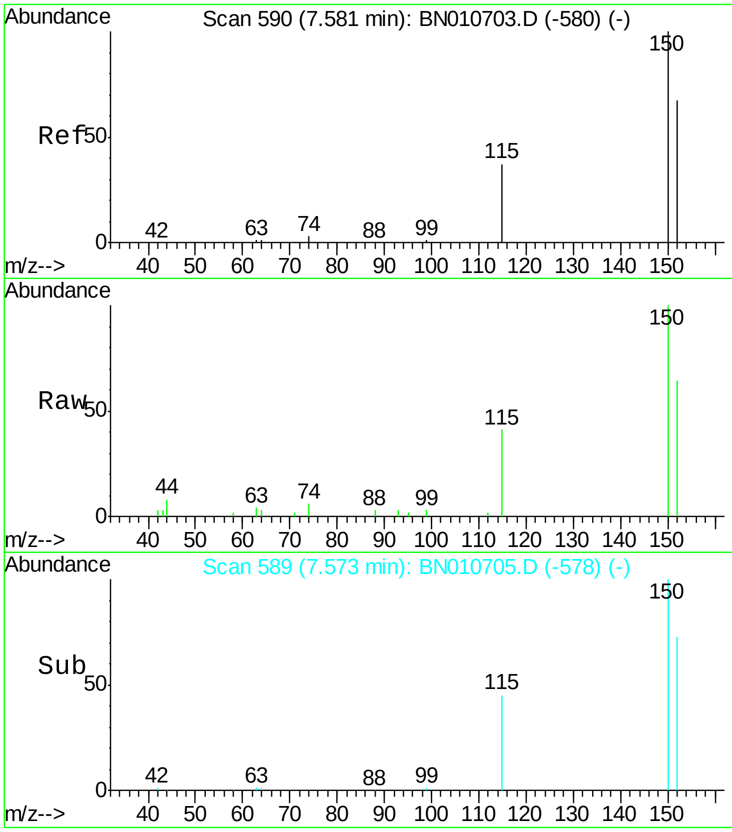
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010705.D
Acq On : 13 May 2020 12:33
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: May 13 13:26:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration



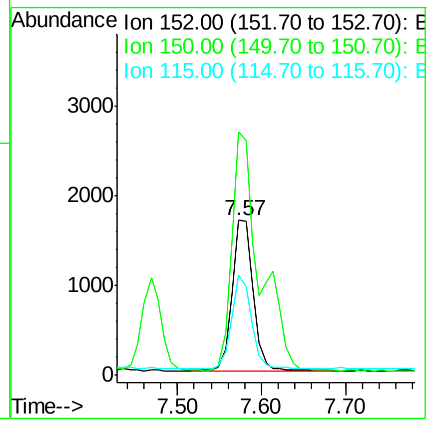
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

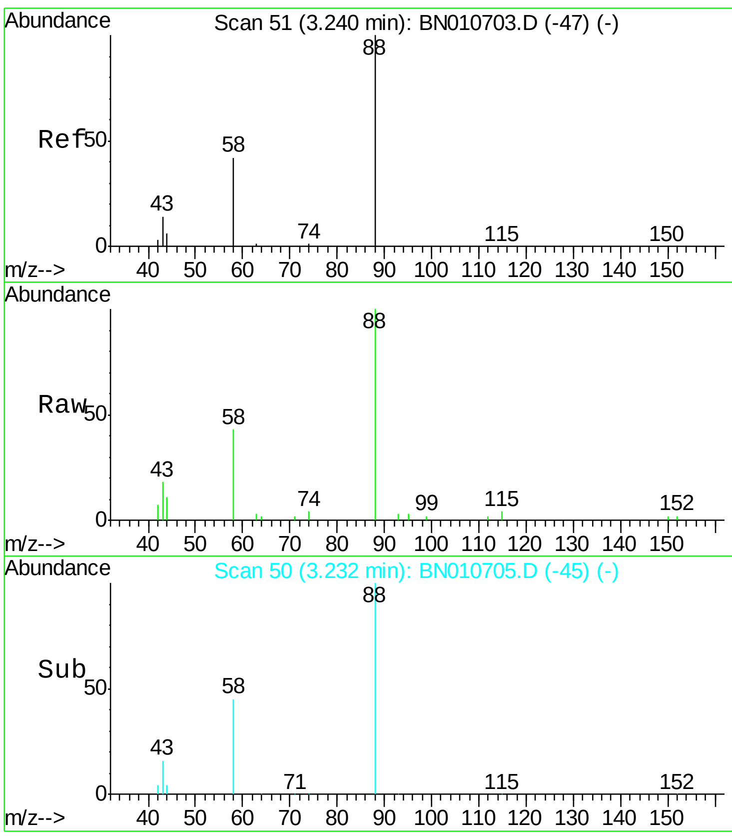



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:152 Resp: 2877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 119.4 | 179.0 |
| 115 | 64.4 | 45.9 | 68.9 |

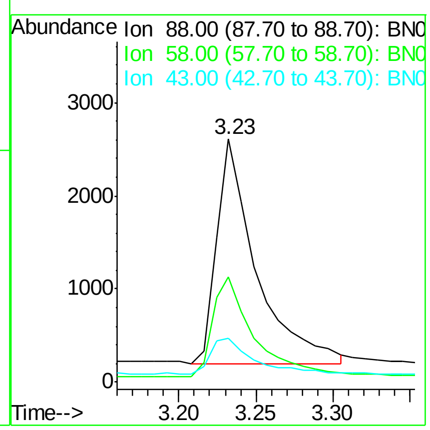


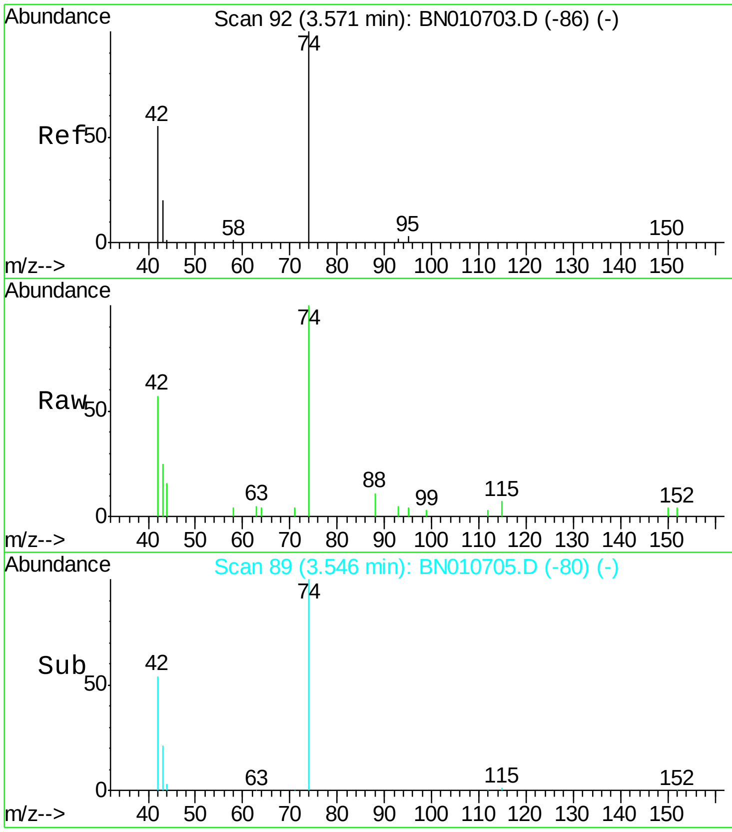

#2
1,4-Dioxane
Concen: 2.01 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 88 Resp: 4252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 46.7 | 39.0 | 58.6 |
| 43 | 17.1 | 13.1 | 19.7 |



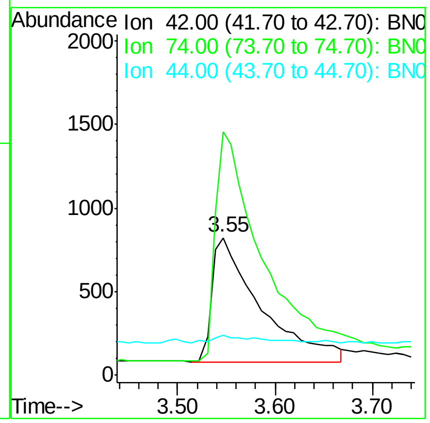
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

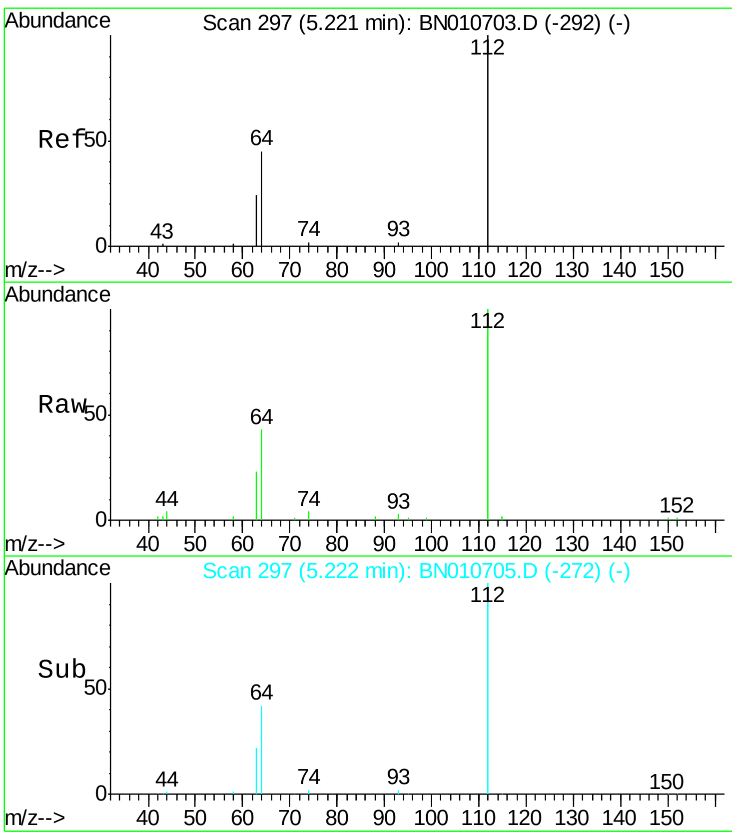



#3
n-Nitrosodimethylamine
Concen: 1.87 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 42 Resp: 2569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 183.8 | 146.2 | 219.2 |
| 44 | 5.8 | 3.0 | 4.4# |

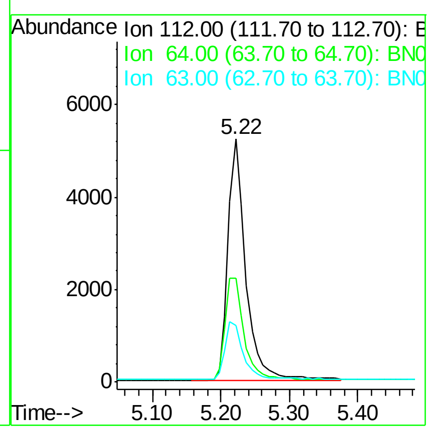


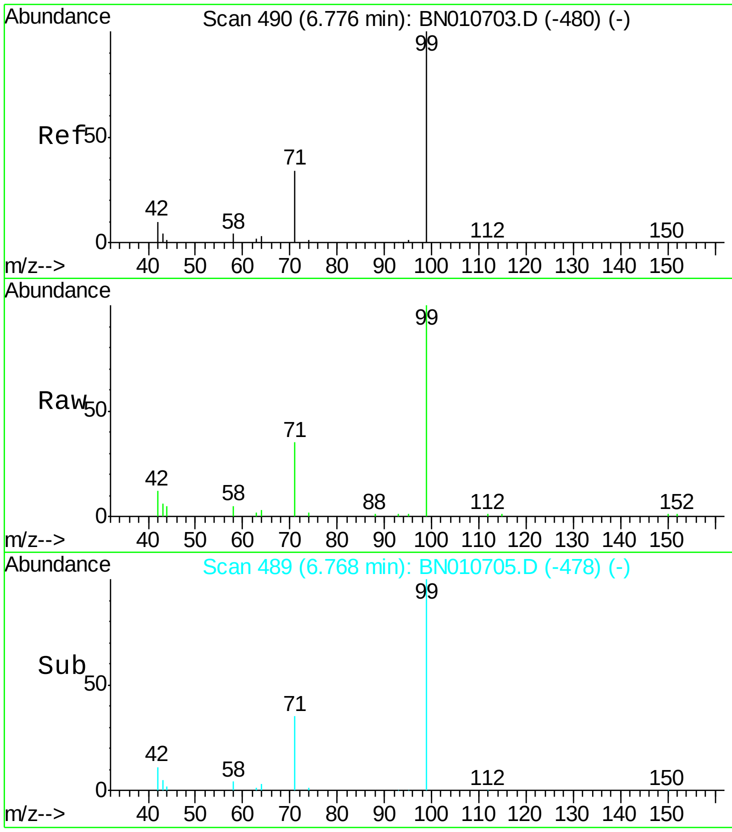




#4
2-Fluorophenol
Concen: 1.49 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:112 Resp: 9392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.9 | 36.2 | 54.4 |
| 63 | 24.4 | 19.8 | 29.8 |



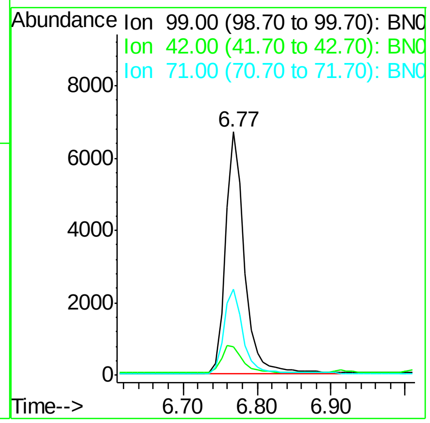


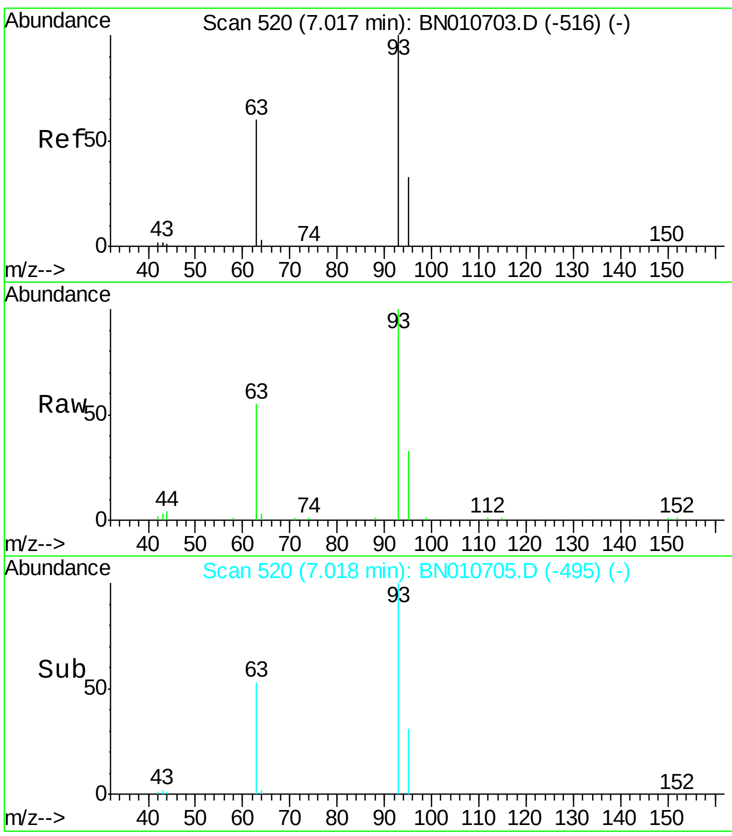

#5
Phenol-d6
Concen: 1.44 ng
RT: 6.77 min Scan# 489
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion: 99 Resp: 11848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.9 | 9.8 | 14.8 |
| 71 | 35.6 | 28.6 | 42.8 |

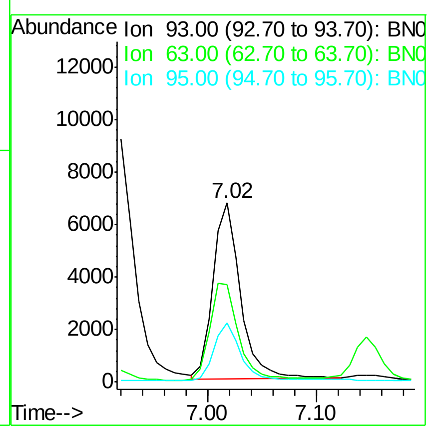


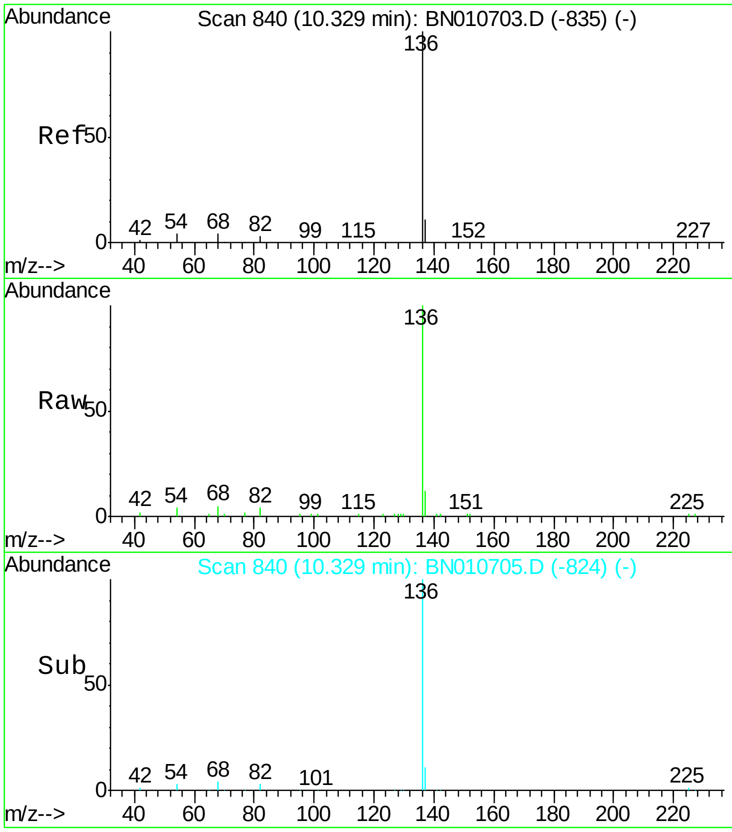




#6
bis(2-Chloroethyl)ether
Concen: 1.64 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 93 Resp: 11682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 57.8 | 43.1 | 64.7 |
| 95 | 32.6 | 24.6 | 37.0 |



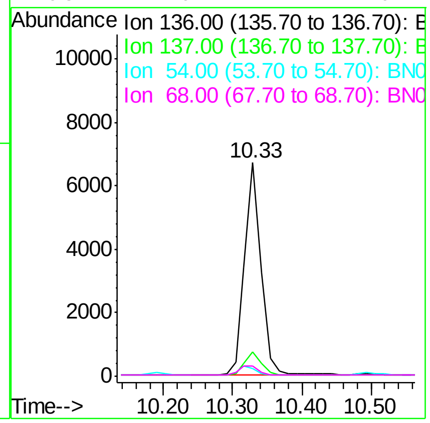


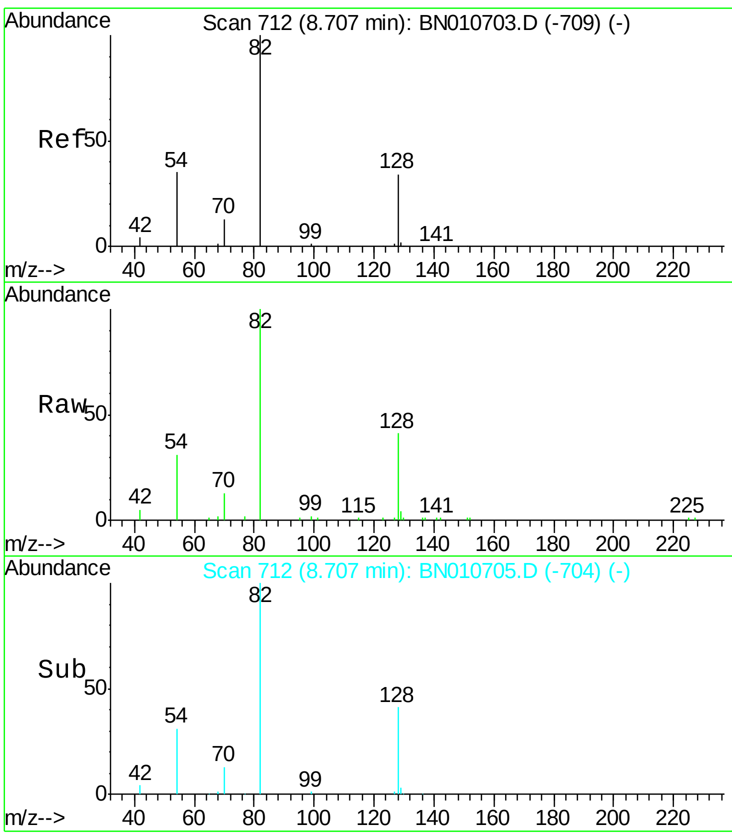

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:136 Resp: 10978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.2 | 13.8 |
| 54 | 3.9 | 3.6 | 5.4 |
| 68 | 4.6 | 4.1 | 6.1 |

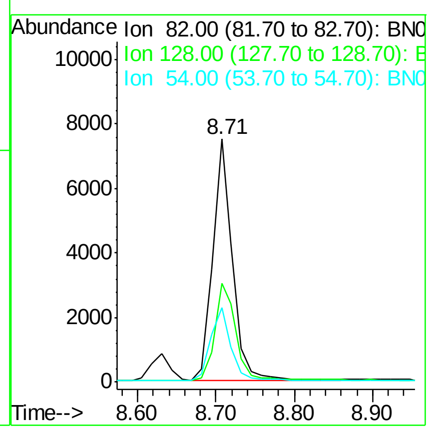


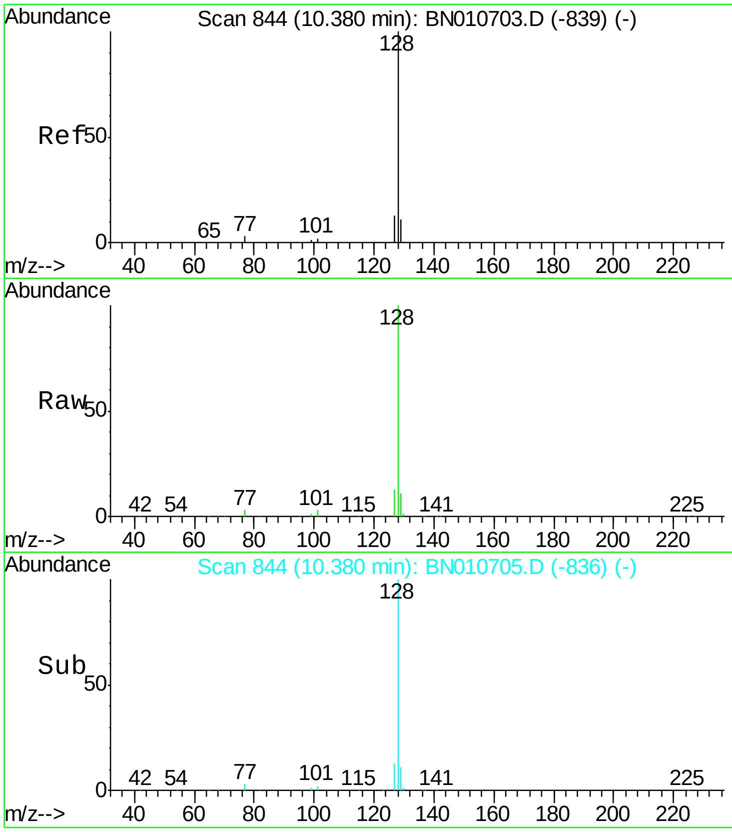




#8
Nitrobenzene-d5
Concen: 1.71 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 82 Resp: 13094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.8 | 29.0 | 43.4 |
| 54 | 30.8 | 29.3 | 43.9 |



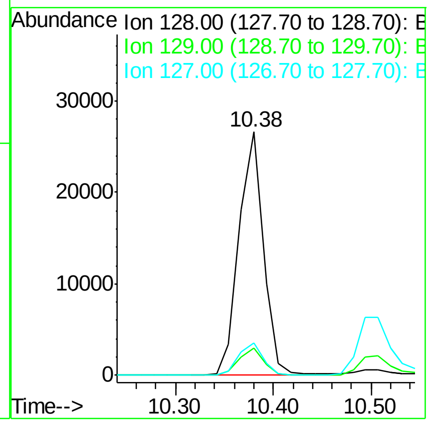


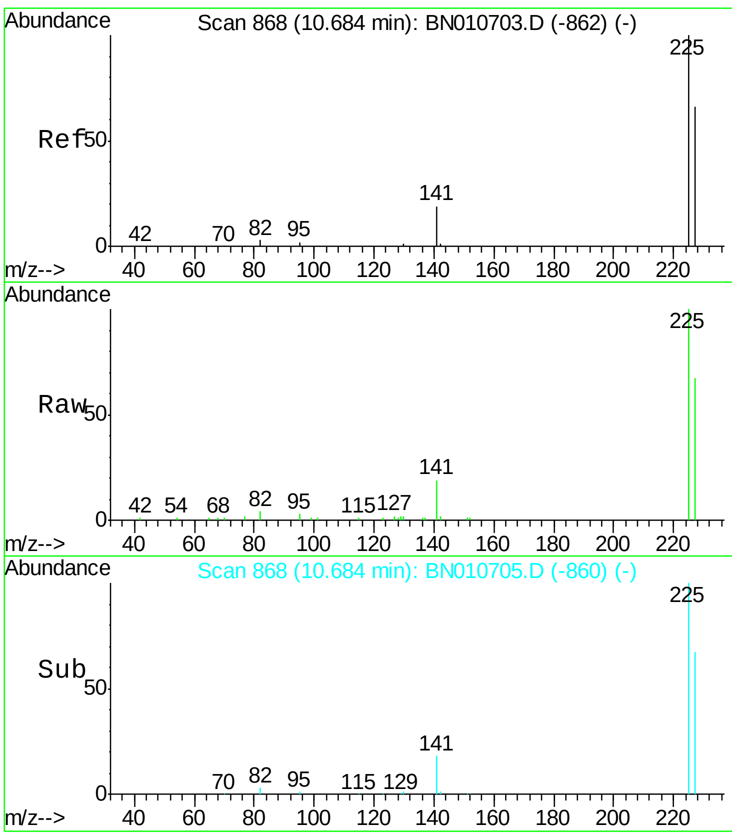

#9
Naphthalene
Concen:    1.67 ng
RT: 10.38 min   Scan# 844
Delta R.T.    0.00 min
Lab File:    BN010705.D
Acq: 13 May 2020   12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:128 Resp:    45598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.3 | 13.9 |
| 127 | 13.1 | 11.0 | 16.6 |

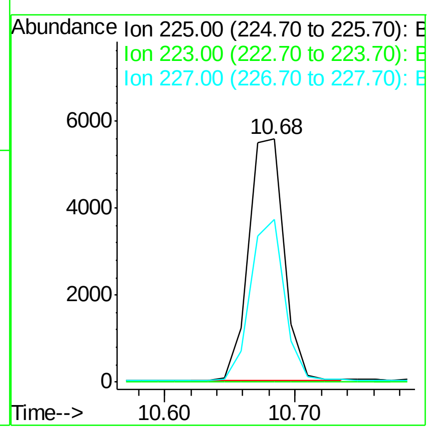


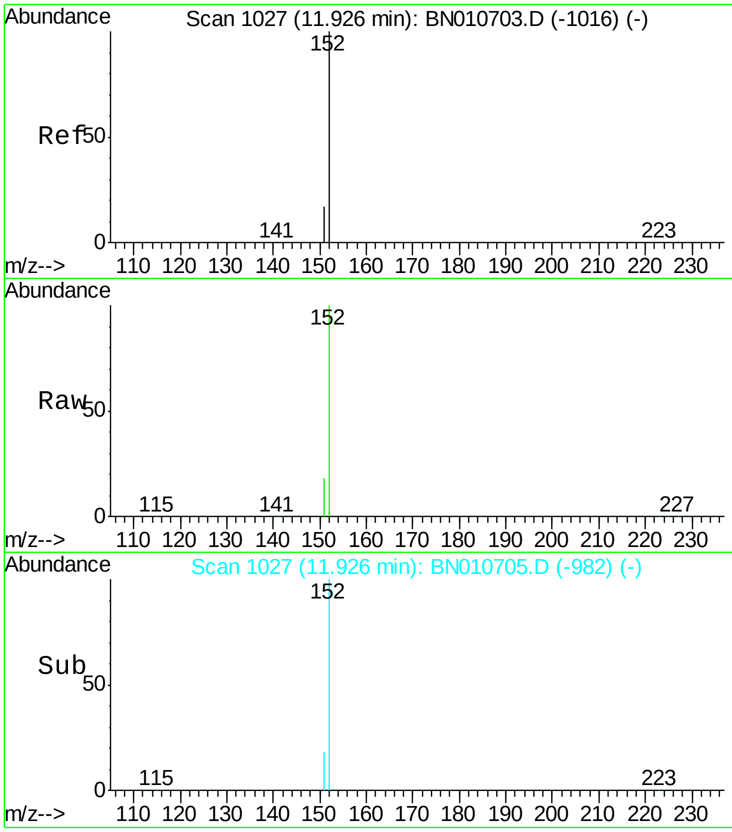




#10
Hexachlorobutadiene
Concen:    1.58 ng
RT: 10.68 min   Scan# 868
Delta R.T.    0.00 min
Lab File:    BN010705.D
Acq: 13 May 2020   12:33

Tgt Ion:225 Resp:    10385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.9 | 50.7 | 76.1 |



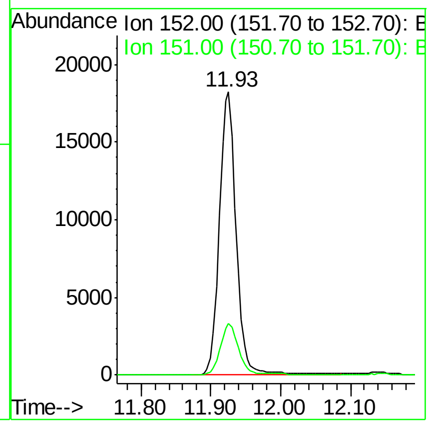


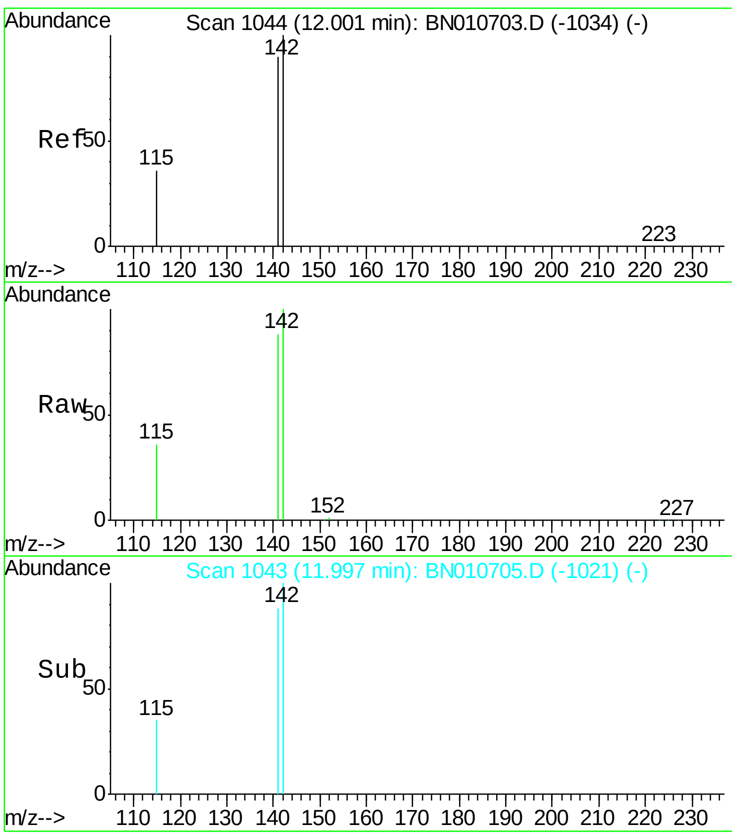

#11
2-Methylnaphthalene-d10
Concen: 1.67 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:152 Resp: 30154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.0 | 22.6 |

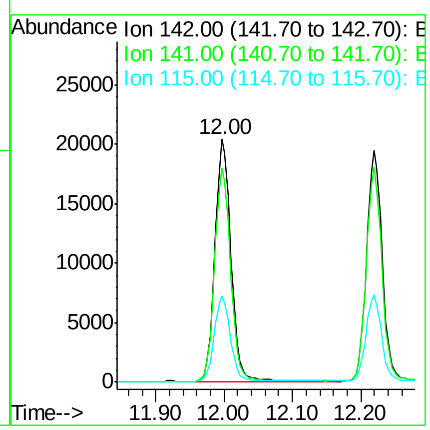


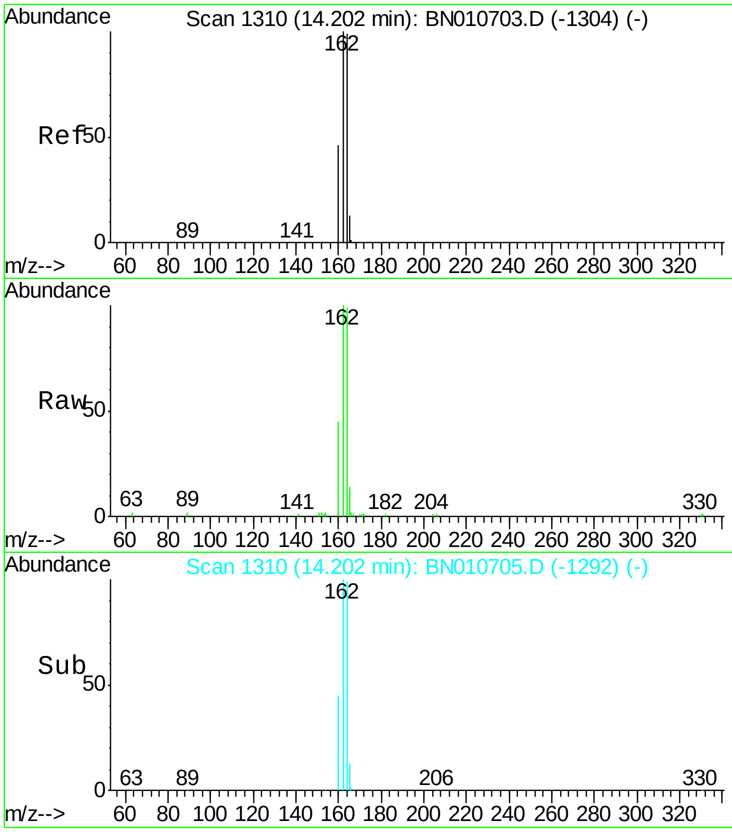




#12
2-Methylnaphthalene
Concen: 1.70 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:142 Resp: 33351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.7 | 107.5 |
| 115 | 35.6 | 29.8 | 44.6 |



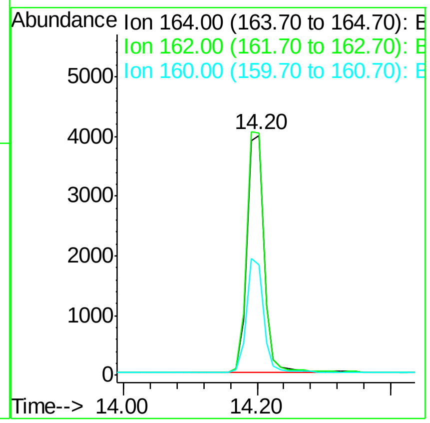


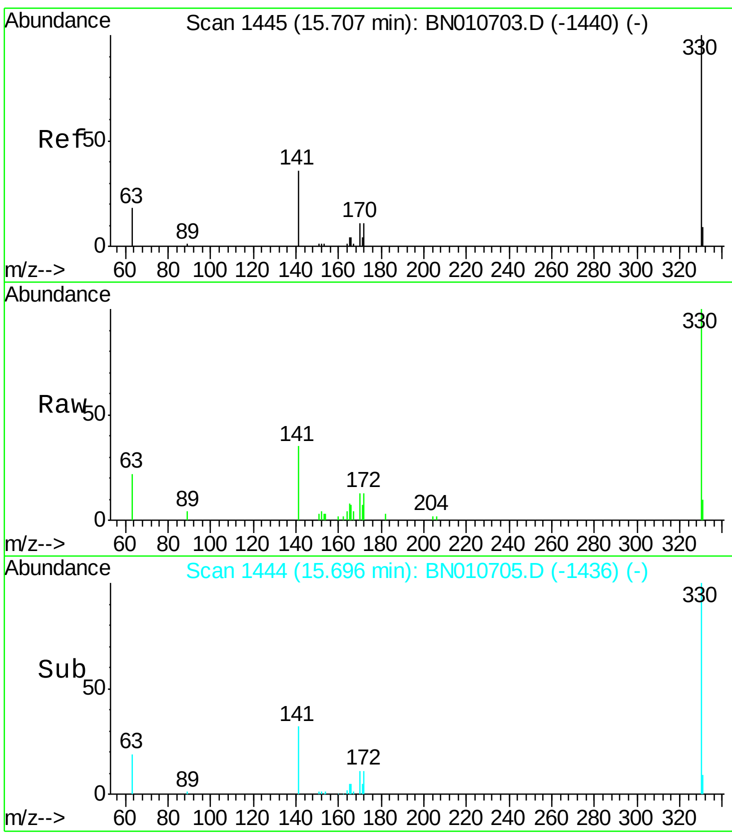

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:164 Resp: 6942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 81.1 | 121.7 |
| 160 | 45.9 | 37.9 | 56.9 |

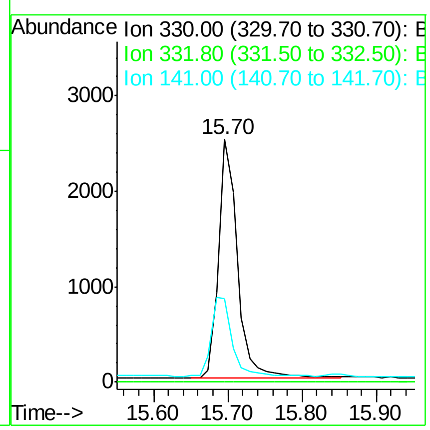


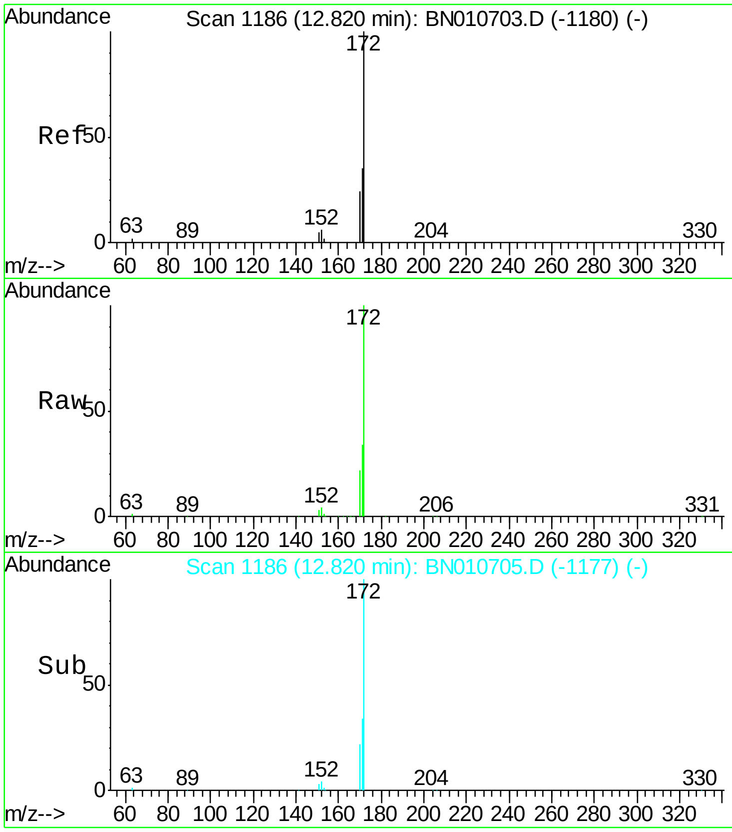




#14
2,4,6-Tribromophenol
Concen: 1.35 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:330 Resp: 4410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 36.2 | 28.8 | 43.2 |





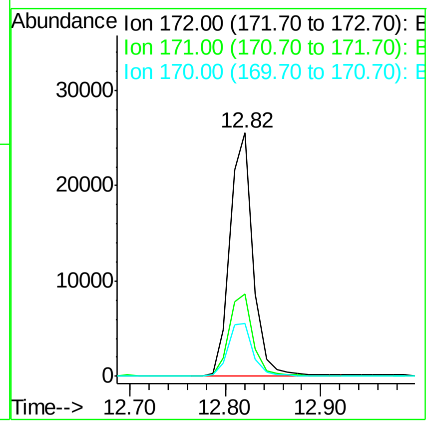

**#15**
**2-Fluorobiphenyl**

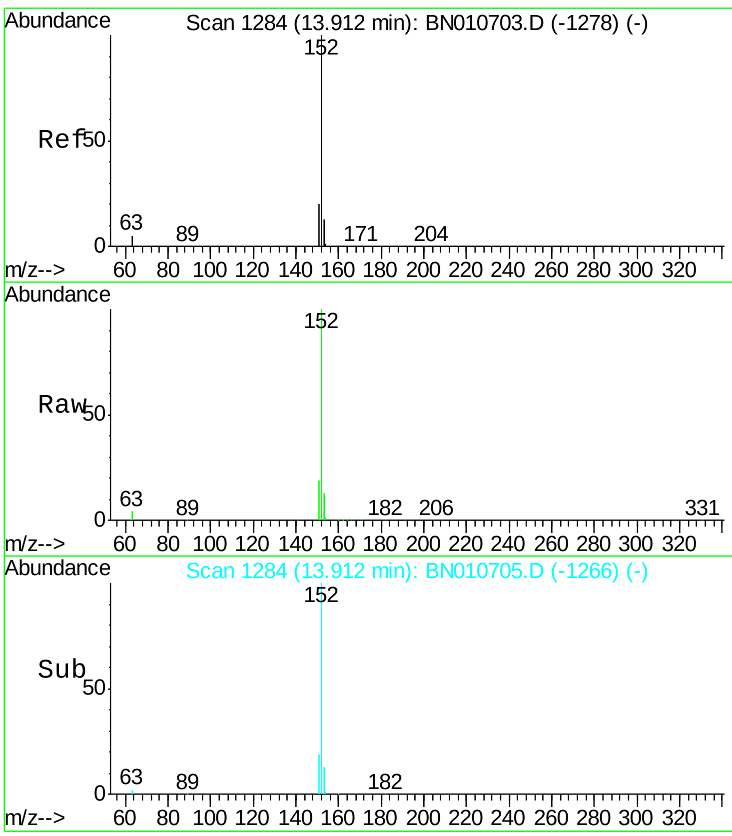
Concen: 1.71 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:172 Resp: 43085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 28.6 | 42.8 |
| 170 | 21.8 | 19.8 | 29.8 |



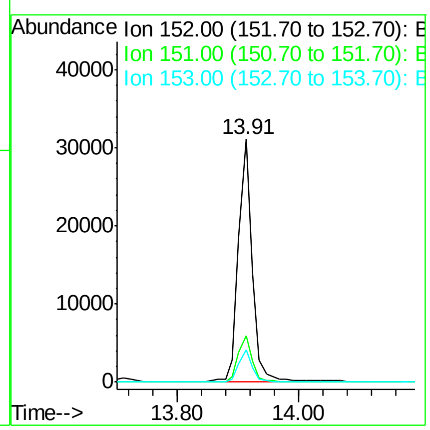



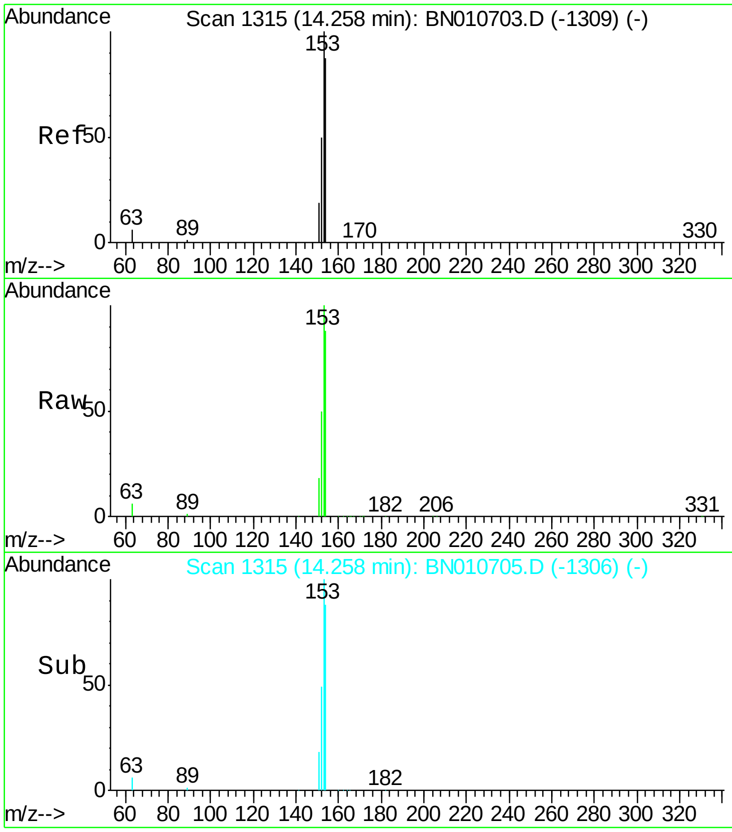

**#16**
**Acenaphthylene**

Concen: 1.62 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:152 Resp: 48577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.6 | 23.4 |
| 153 | 13.0 | 10.4 | 15.6 |



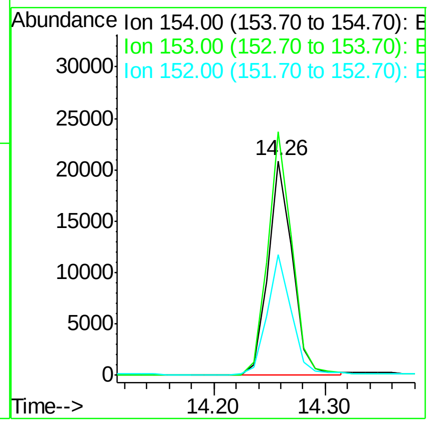


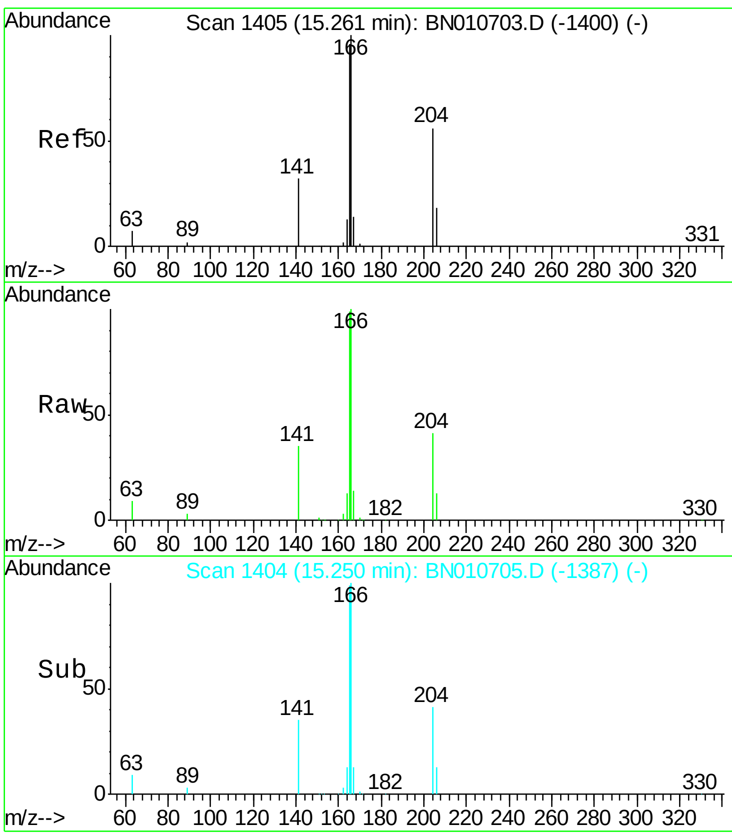

#17
Acenaphthene
Concen: 1.63 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:154 Resp: 31504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.5 | 91.5 | 137.3 |
| 152 | 56.6 | 45.6 | 68.4 |

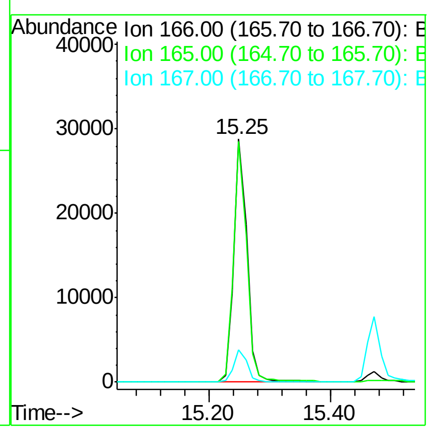


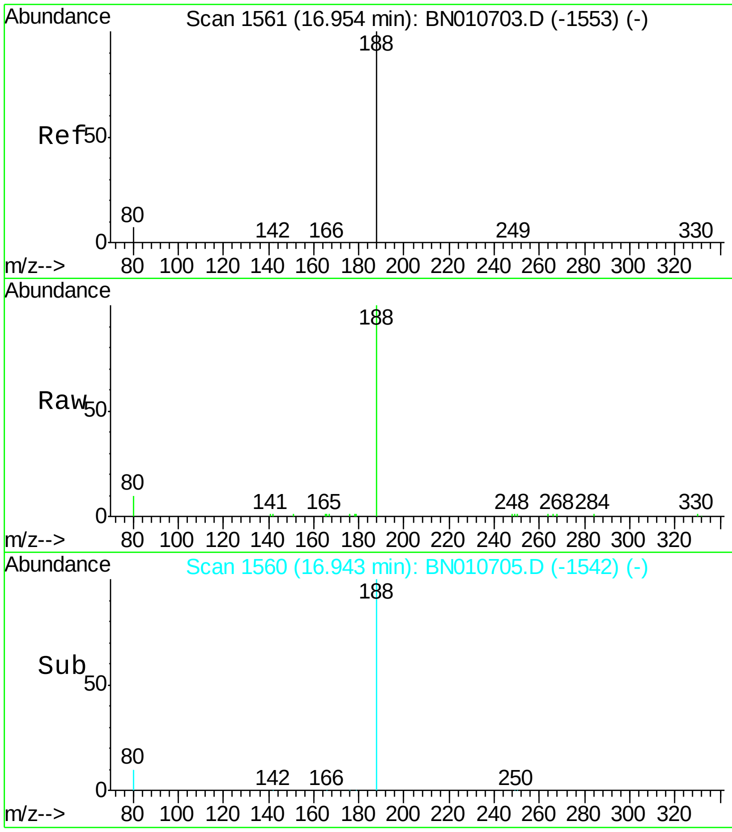




#18
Fluorene
Concen: 1.71 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:166 Resp: 43071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 77.9 | 116.9 |
| 167 | 13.5 | 11.0 | 16.4 |



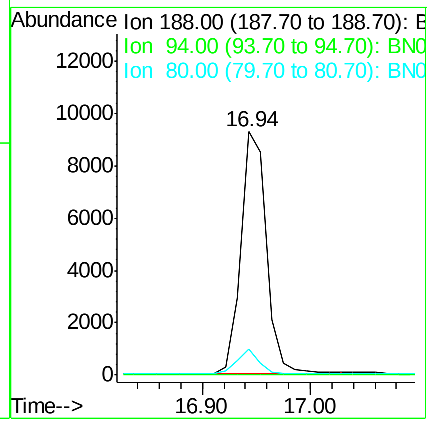


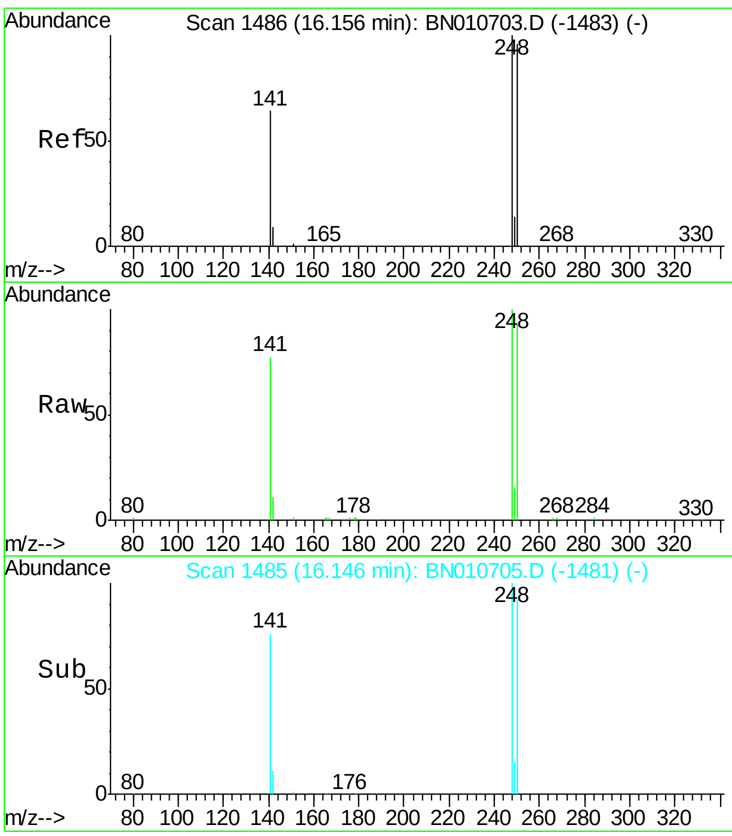

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:188 Resp: 15191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.4 | 6.3 | 9.5# |

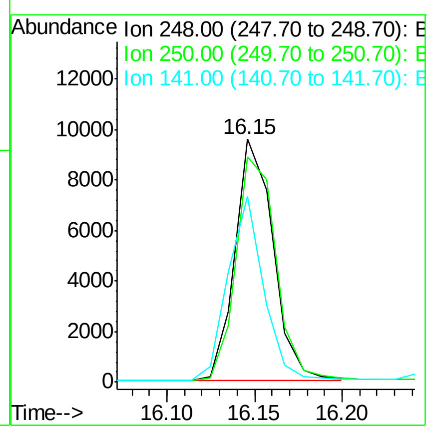


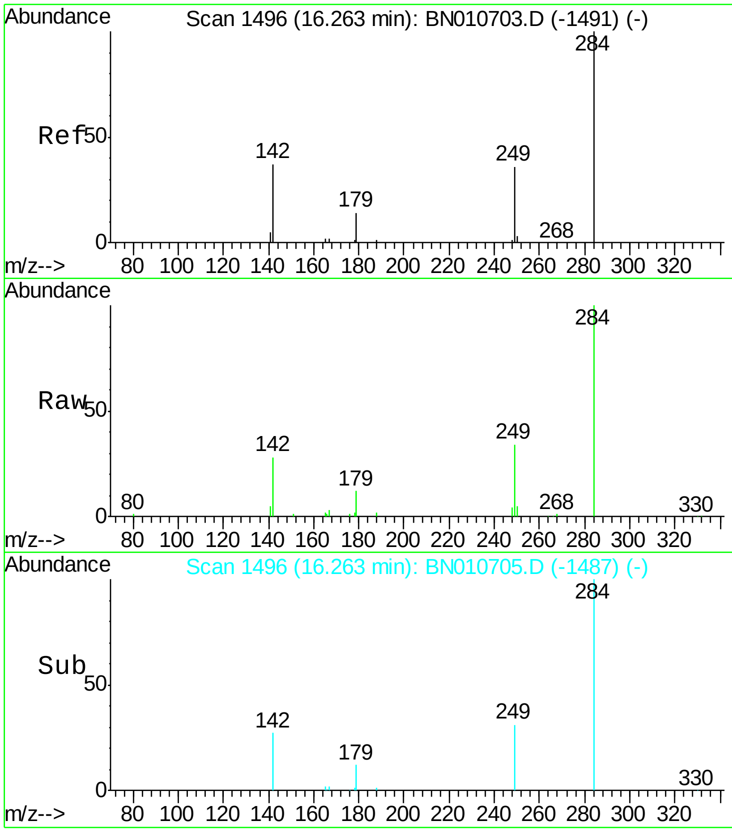

#20
4-Bromophenyl-phenylether
Concen: 1.71 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:248 Resp: 14462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 92.5 | 77.4 | 116.0 |
| 141 | 76.6 | 53.1 | 79.7 |



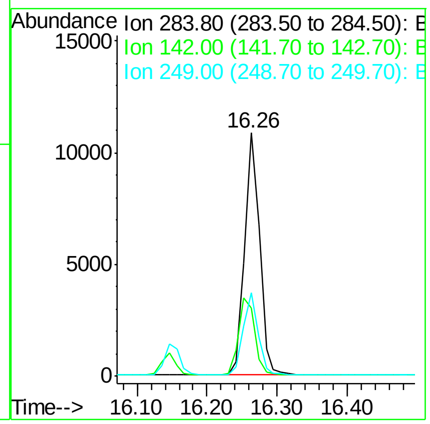
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

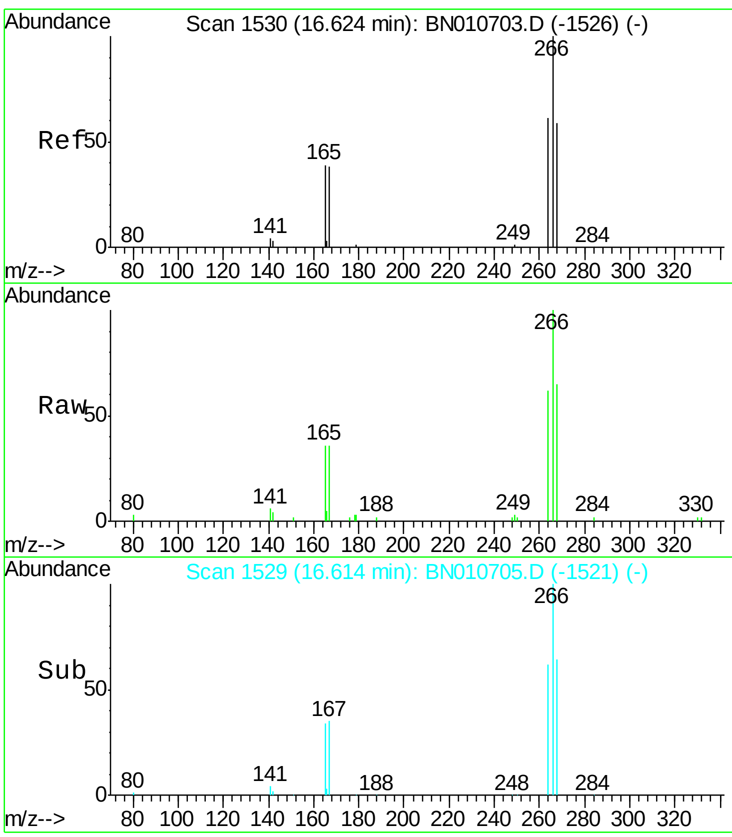



#21
Hexachlorobenzene
Concen: 1.66 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:284 Resp: 15950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.7 | 28.2 | 42.2 |
| 249 | 33.4 | 26.4 | 39.6 |

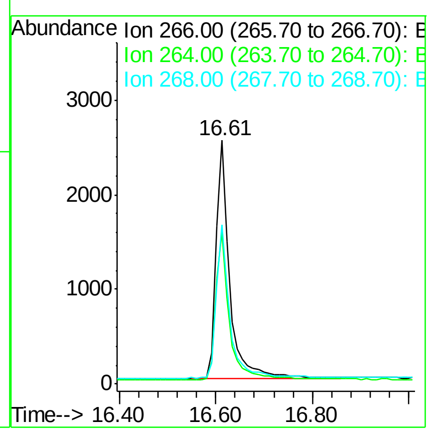


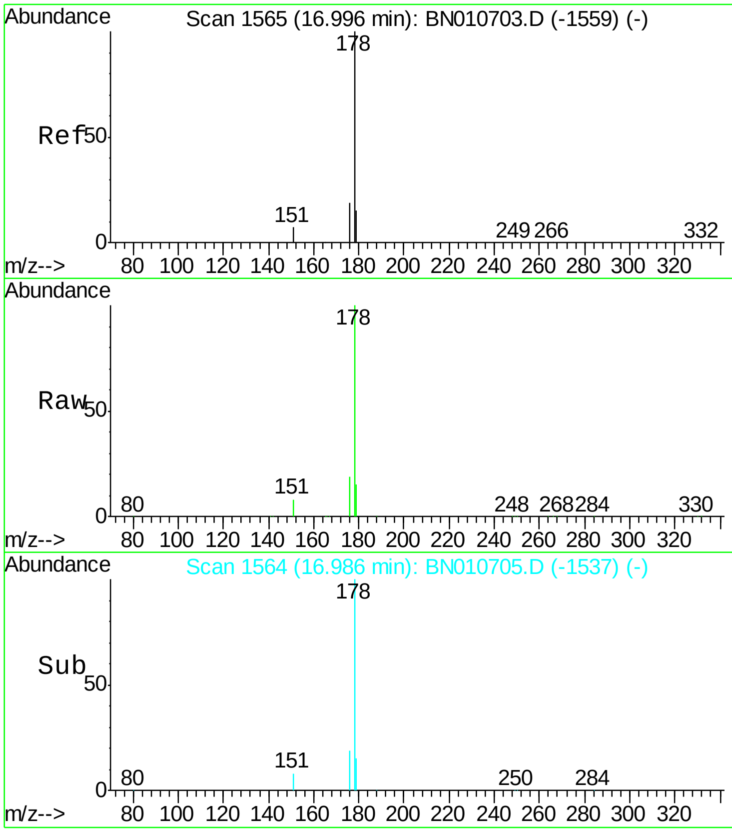




#22
Pentachlorophenol
Concen: 1.32 ng
RT: 16.61 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:266 Resp: 4999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.3 | 51.1 | 76.7 |
| 268 | 65.1 | 52.1 | 78.1 |

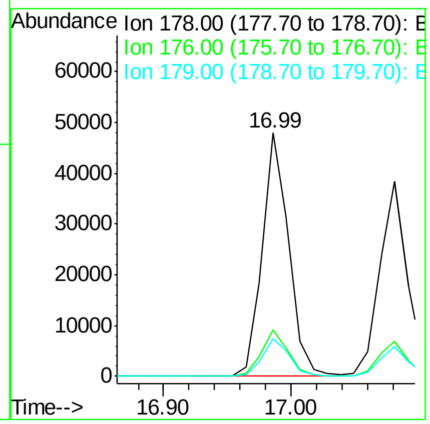


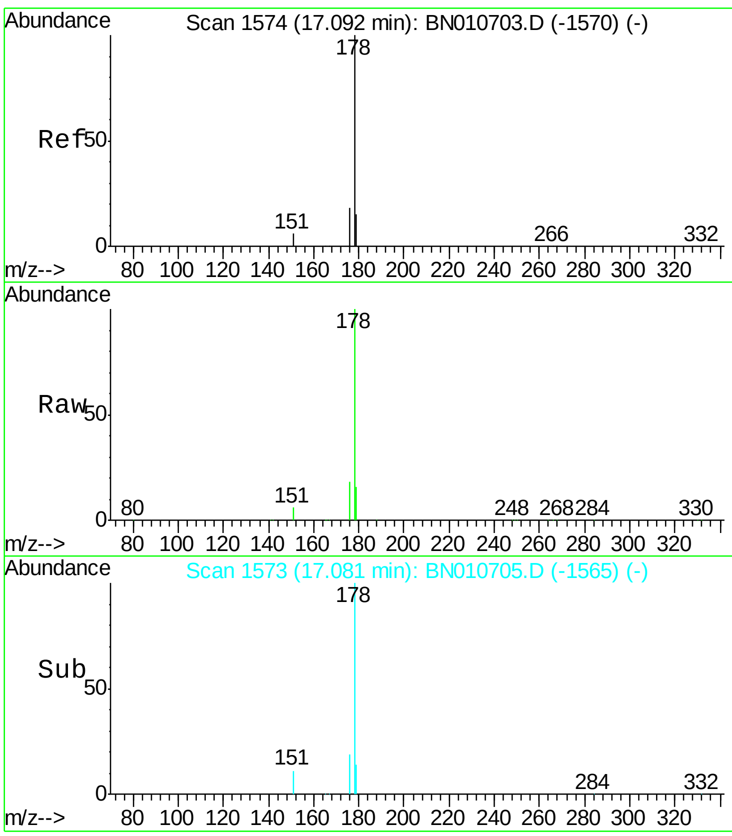



#23
Phenanthrene
Concen:    1.69 ng
RT: 16.99 min   Scan# 1564
Delta R.T.   -0.01 min
Lab File:   BN010705.D
Acq: 13 May 2020  12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

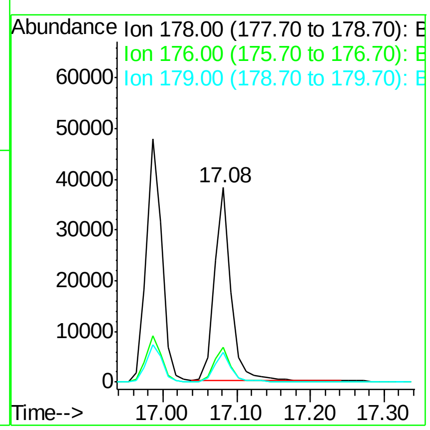
| Tgt Ion:178 | Resp: | | 69406 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 178 | 100 | | |
| 176 | 18.7 | 14.9 | 22.3 |
| 179 | 15.4 | 12.2 | 18.4 |

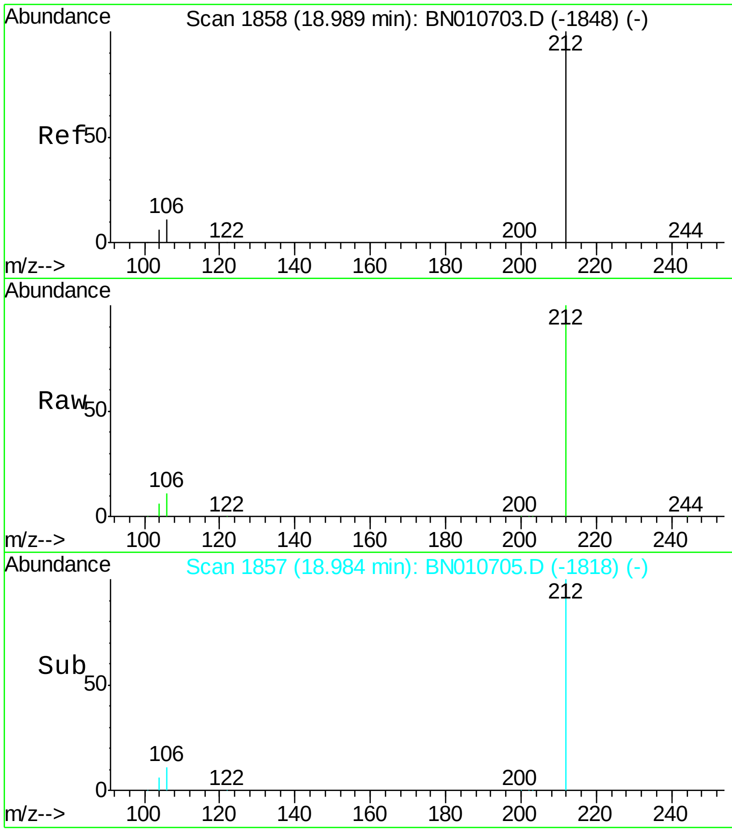



#24
Anthracene
Concen:    1.60 ng
RT: 17.08 min   Scan# 1573
Delta R.T.   -0.01 min
Lab File:   BN010705.D
Acq: 13 May 2020  12:33

| Tgt Ion:178 | Resp: | | 60100 |
|---|---|---|---|
| Ion | Ratio | Lower | Upper |
| 178 | 100 | | |
| 176 | 18.1 | 14.7 | 22.1 |
| 179 | 15.4 | 12.3 | 18.5 |



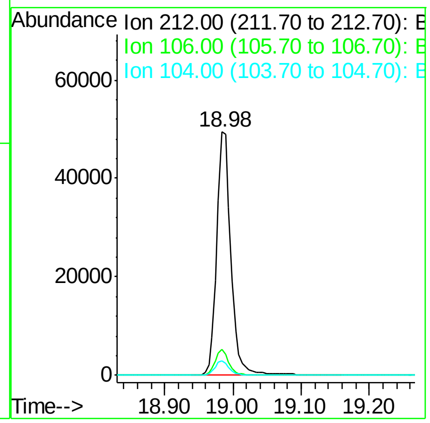


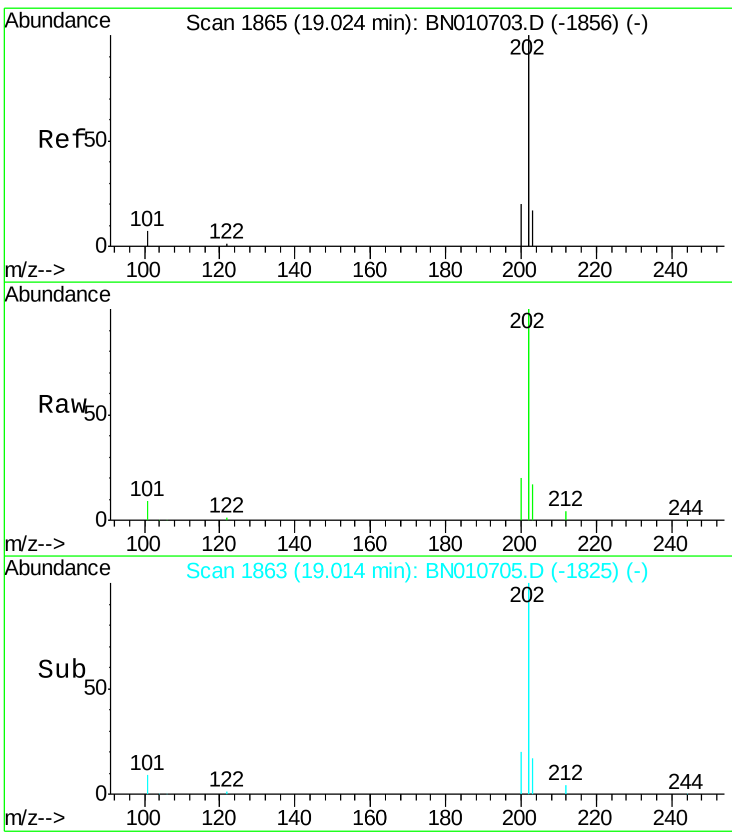

#25
Fluoranthene-d10
Concen: 1.56 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:212 Resp: 71780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 10.2 | 8.2 | 12.2 |
| 104 | 5.8 | 4.7 | 7.1 |

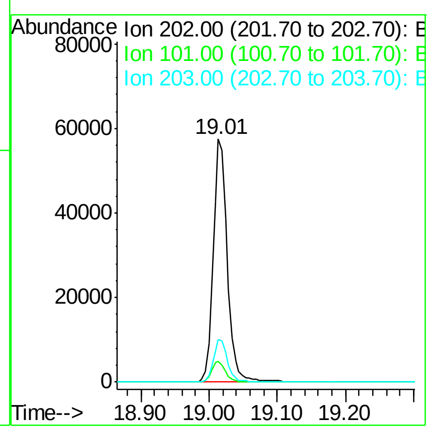


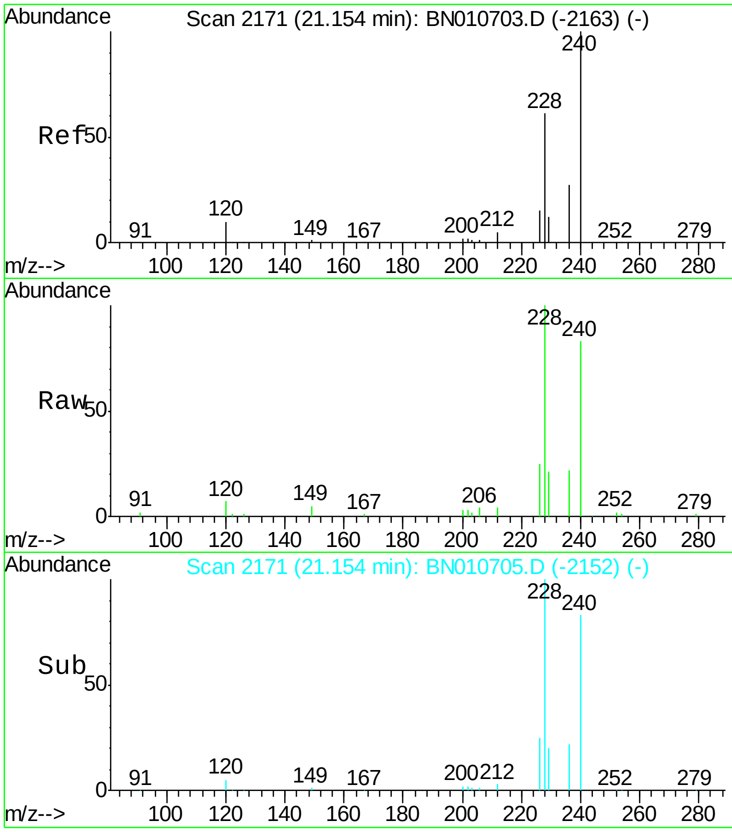




#26
Fluoranthene
Concen: 1.61 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:202 Resp: 82074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.8 | 6.7 | 10.1 |
| 203 | 17.2 | 13.4 | 20.0 |



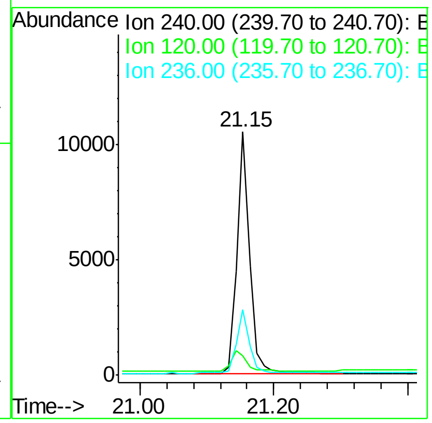


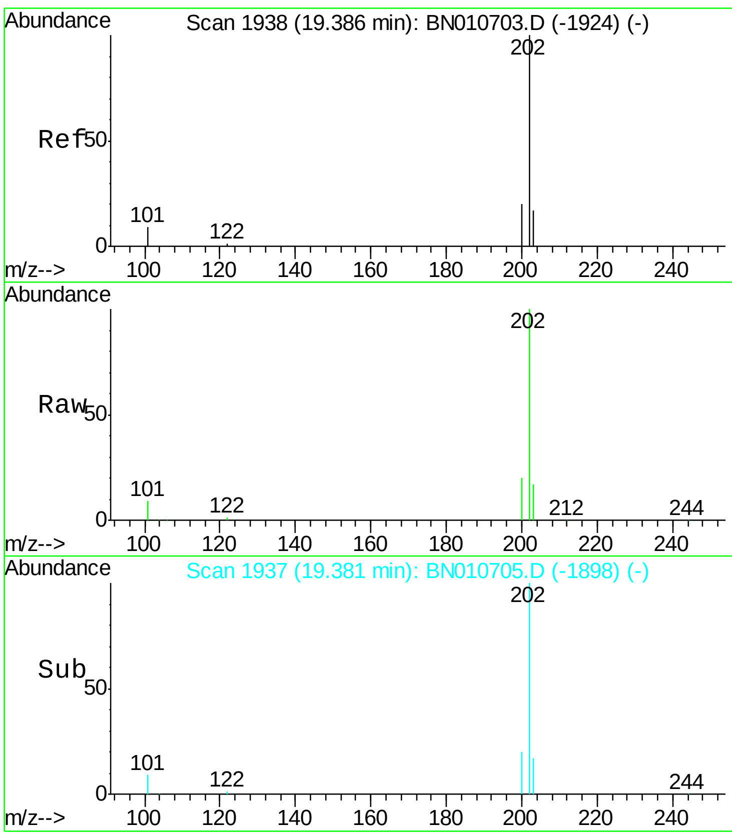

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:240 Resp: 14054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.1 | 9.5 | 14.3# |
| 236 | 27.1 | 22.5 | 33.7 |

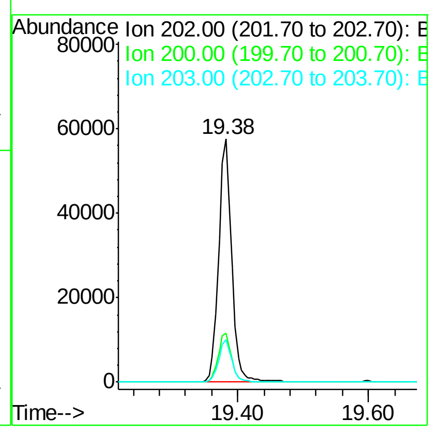


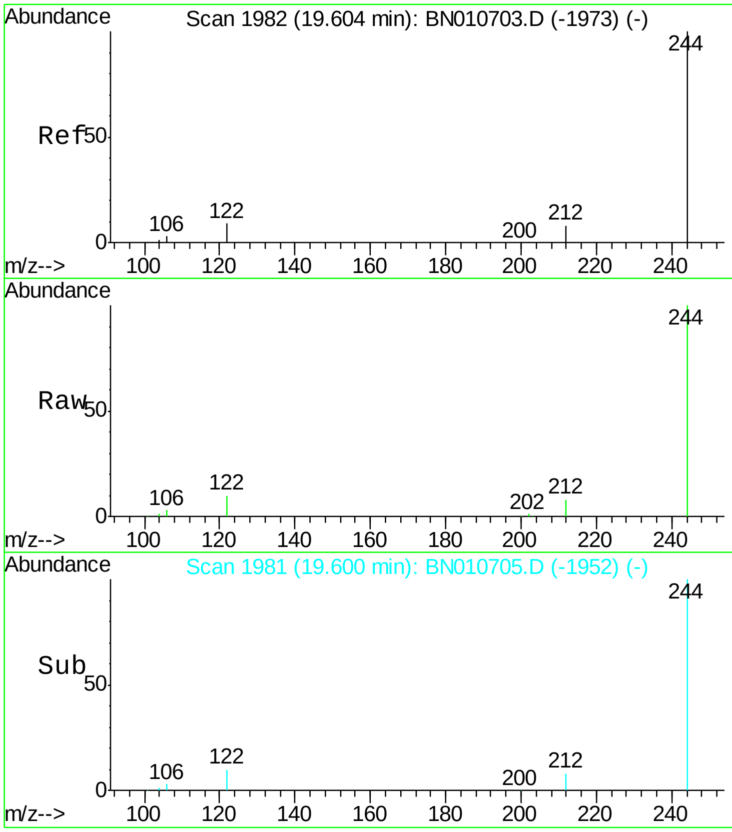




#28
Pyrene
Concen: 1.69 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:202 Resp: 79897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.2 | 24.4 |
| 203 | 17.5 | 14.1 | 21.1 |



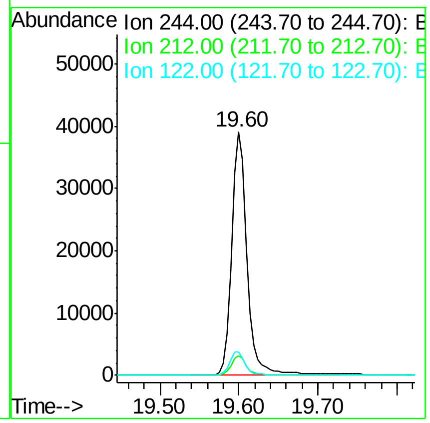


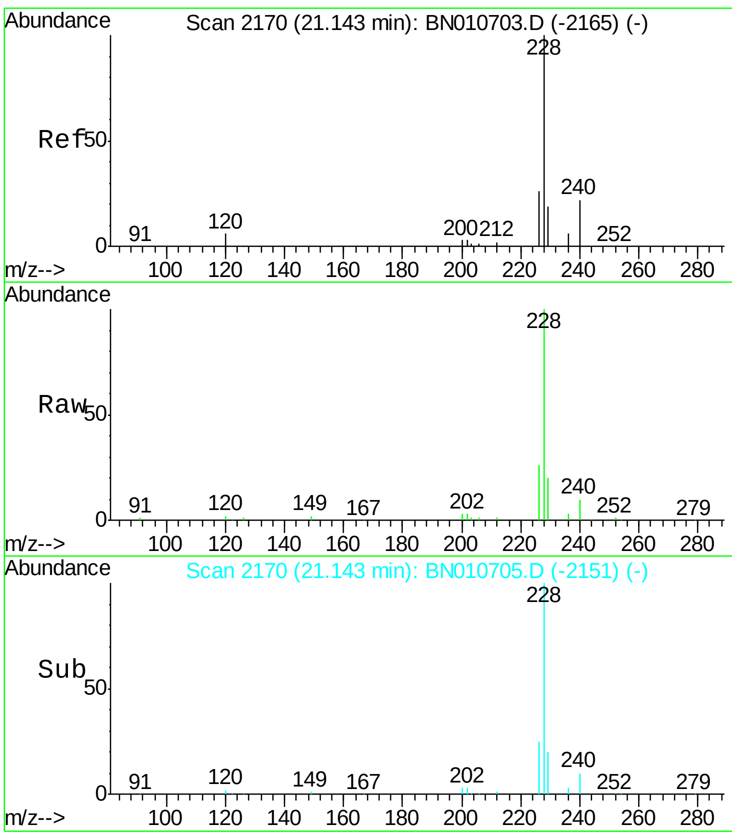

#29
Terphenyl-d14
Concen: 1.66 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:244 Resp: 53500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.8 | 10.2 |
| 122 | 9.7 | 8.1 | 12.1 |

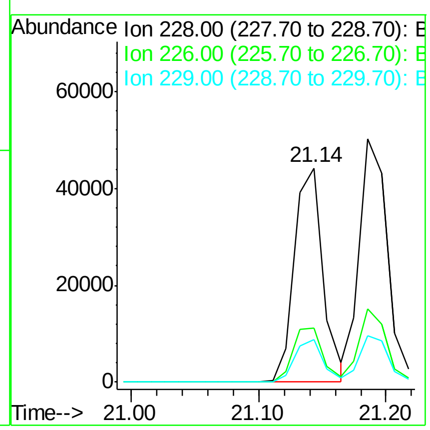


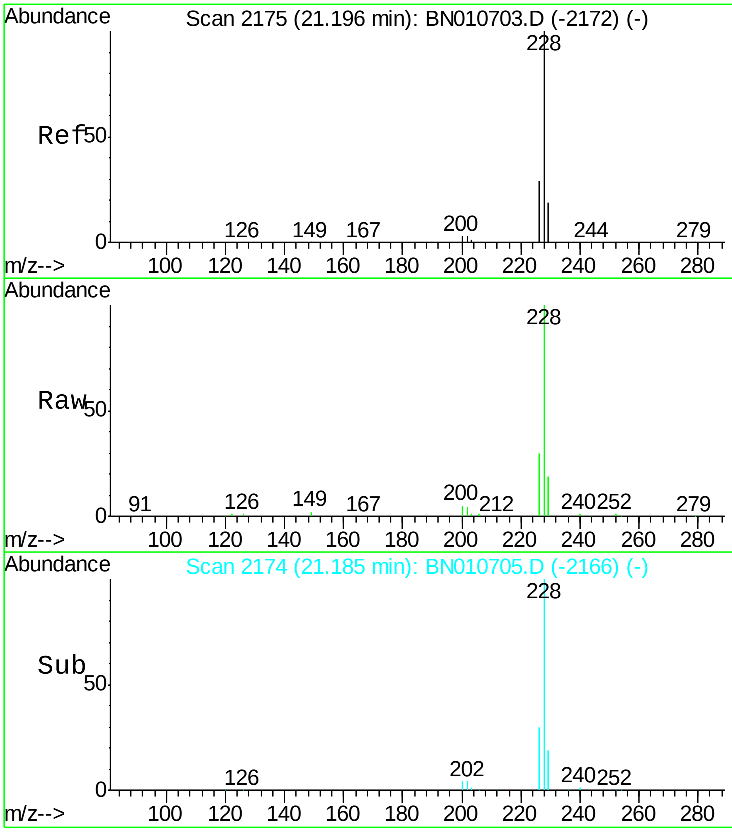




#30
Benzo(a)anthracene
Concen: 1.49 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:228 Resp: 68138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.5 | 21.3 | 31.9 |
| 229 | 20.0 | 16.0 | 24.0 |



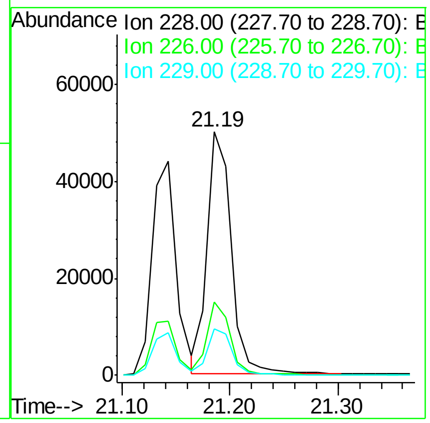


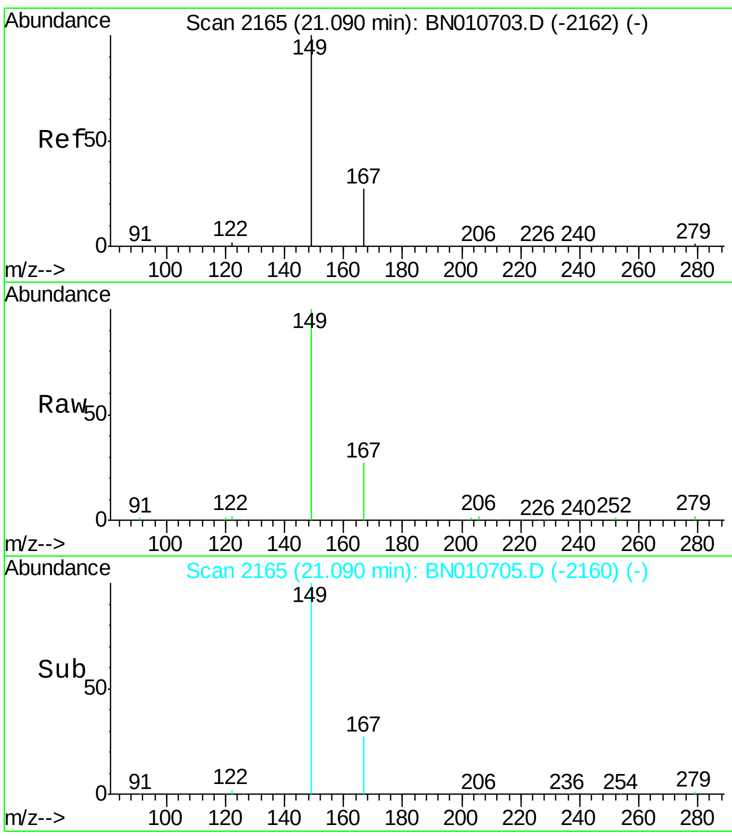

#31
Chrysene
Concen: 1.67 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:228 Resp: 76455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.4 | 35.0 |
| 229 | 19.2 | 16.1 | 24.1 |

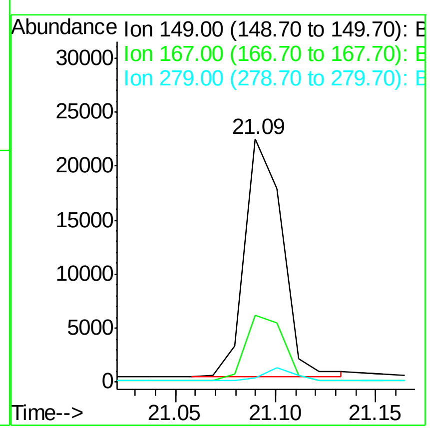


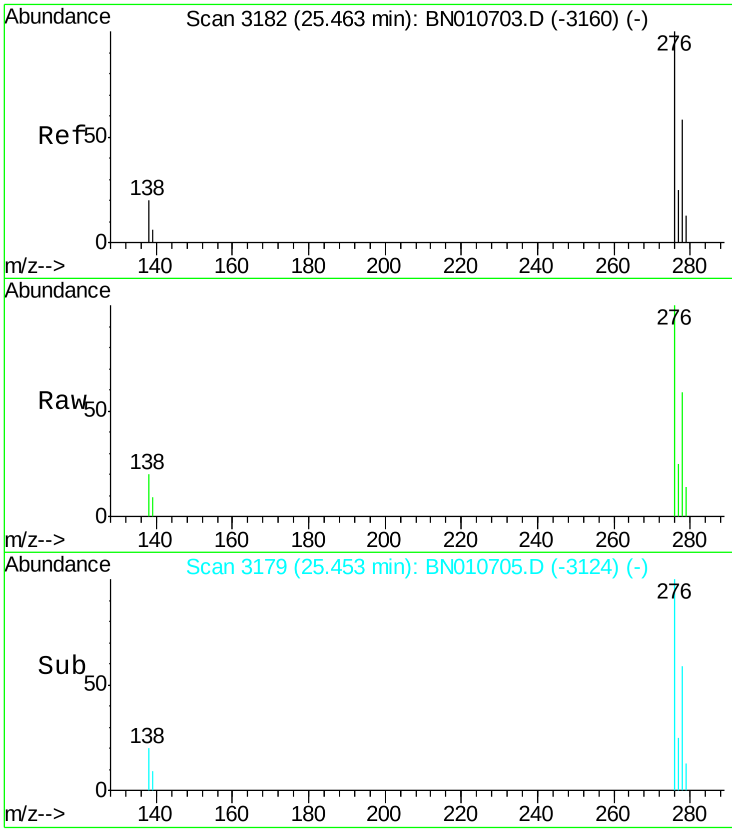




#32
Bis(2-ethylhexyl)phthalate
Concen: 1.21 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:149 Resp: 28420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.5 | 22.5 | 33.7 |
| 279 | 4.6 | 4.1 | 6.1 |



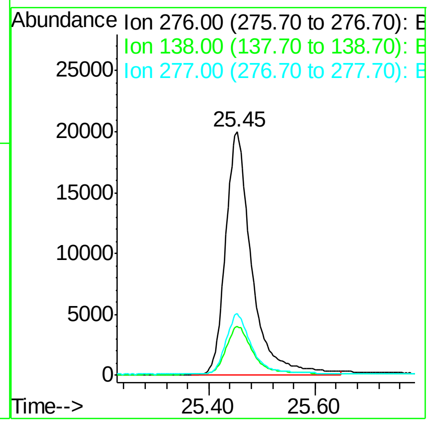


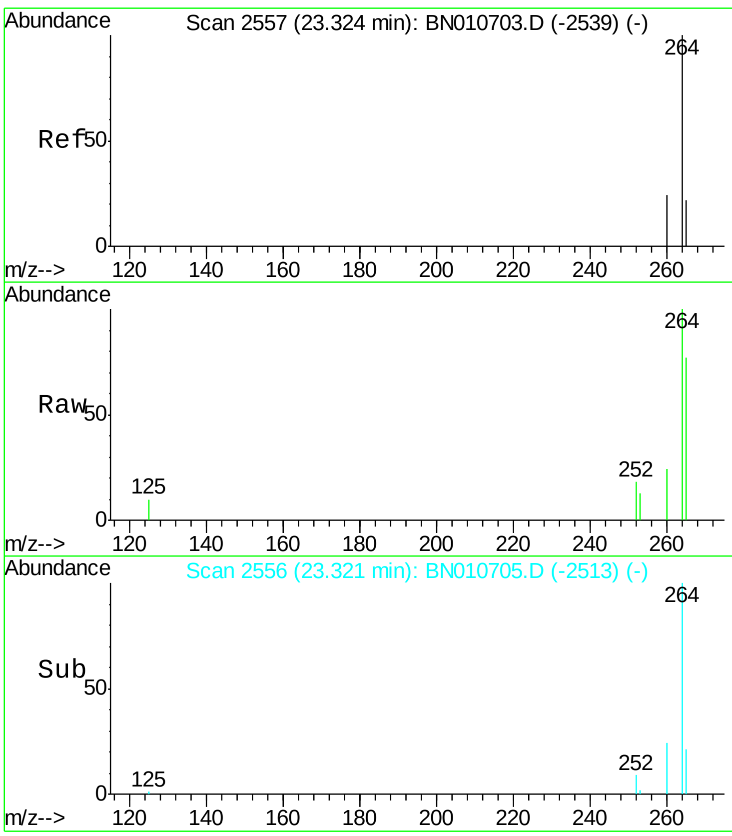

#33
Indeno(1,2,3-cd)pyrene
Concen: 1.69 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:276 Resp: 68098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.7 | 15.1 | 22.7 |
| 277 | 24.8 | 19.4 | 29.0 |

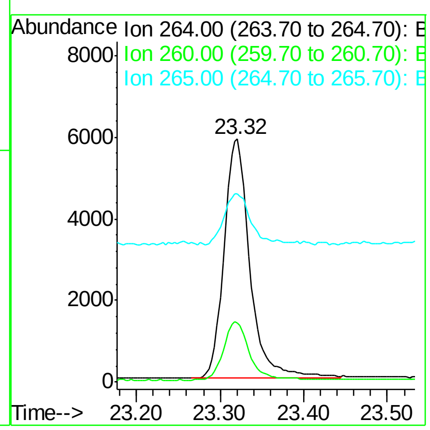


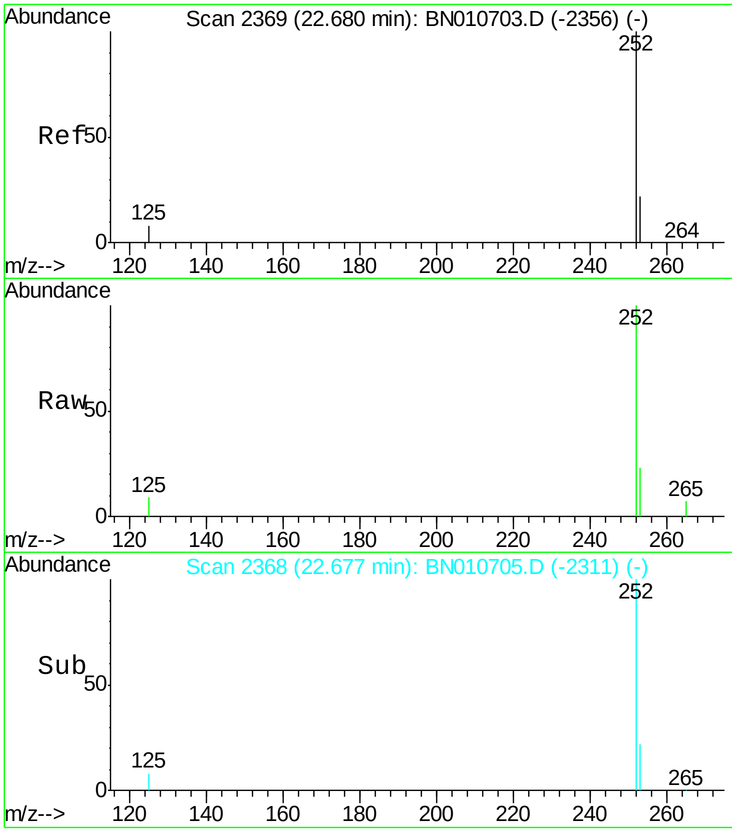




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:264 Resp: 12594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.6 | 29.4 |
| 265 | 77.5 | 70.1 | 105.1 |



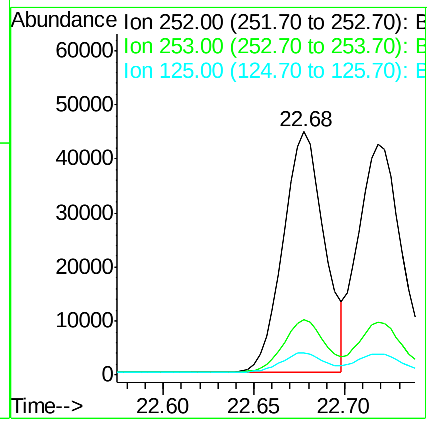


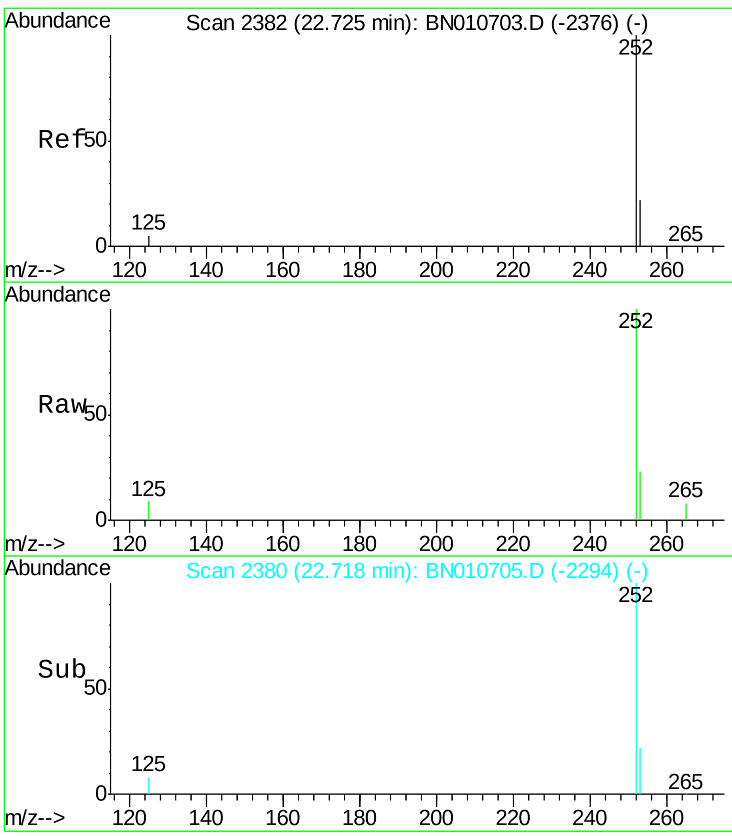

#35
Benzo(b)fluoranthene
Concen: 1.71 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:252 Resp: 70757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 22.0 | 33.0 |
| 125 | 9.0 | 10.8 | 16.2# |

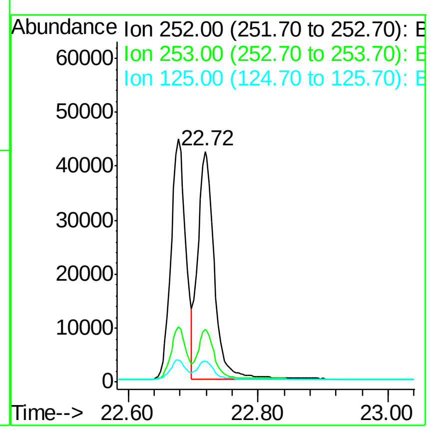


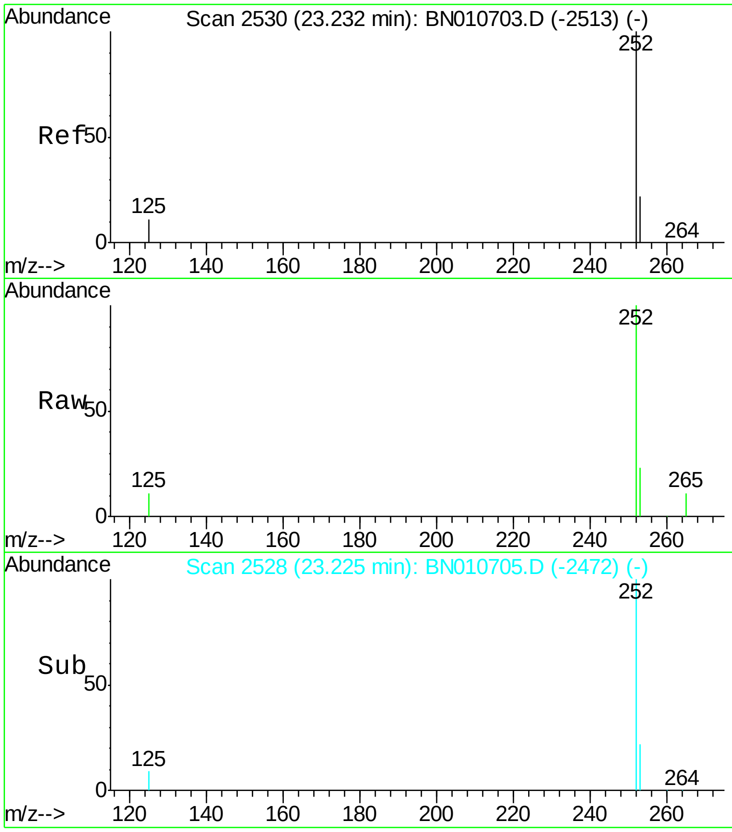




#36
Benzo(k)fluoranthene
Concen: 1.82 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:252 Resp: 75428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 21.9 | 32.9 |
| 125 | 9.2 | 11.1 | 16.7# |



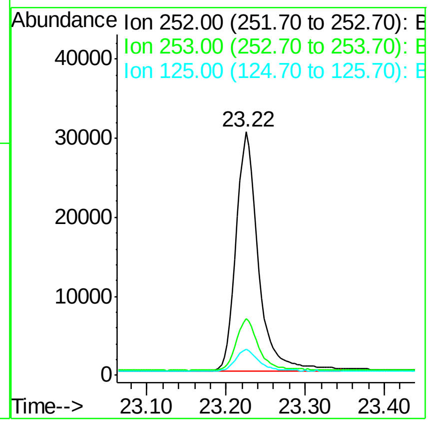


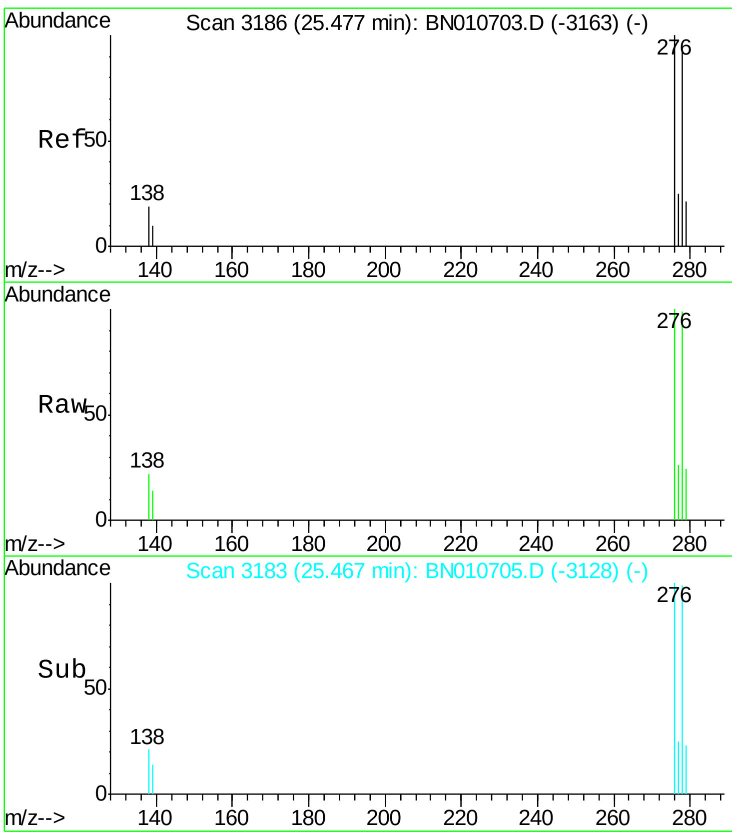

#37
Benzo(a)pyrene
Concen: 1.64 ng
RT: 23.22 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC1.6

Tgt Ion:252 Resp: 60037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 24.8 | 37.2# |
| 125 | 10.8 | 15.8 | 23.6# |

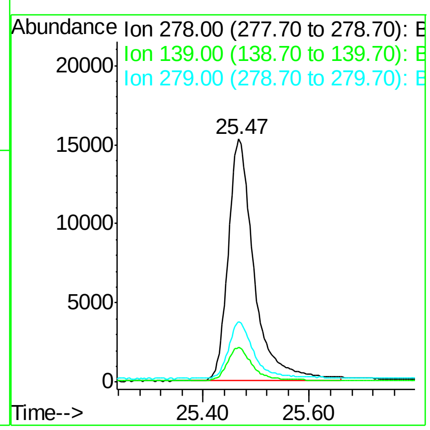


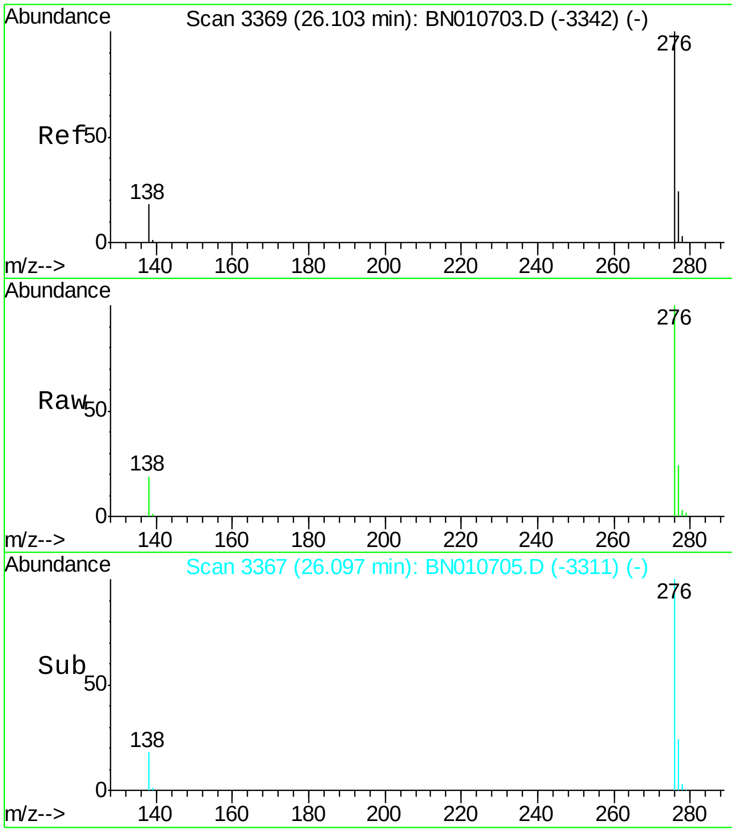




#38
Dibenzo(a,h)anthracene
Concen: 1.56 ng
RT: 25.47 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:278 Resp: 52448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.2 | 13.0 | 19.4 |
| 279 | 24.6 | 25.1 | 37.7# |






#39
Benzo(g,h,i)perylene
Concen:    1.79 ng
RT: 26.10 min  Scan# 3367
Delta R.T.   -0.01 min
Lab File:   BN010705.D
Acq: 13 May 2020  12:33

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:276 Resp:   60343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 20.6 | 30.8 |
| 138 | 18.6 | 16.0 | 24.0 |