Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
Acq On : 27 Feb 2018 09:16
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
Sohil
2/28/2018 5:12:07 PM

Quant Time: Feb 27 14:56:06 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 14:08:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.46 | 152 | 6042 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.29 | 136 | 22293 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.06 | 164 | 11048 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.78 | 188 | 25445 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.90 | 240 | 20732 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.37 | 264 | 16932 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.93 | 112 | 1299 | 0.10 | ng | | 0.00 |
| 5) Phenol-d6 | 7.58 | 99 | 1584 | 0.10 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.63 | 82 | 1293 | 0.10 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.85 | 152 | 3308 | 0.10 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.53 | 330 | 308 | 0.08 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.69 | 172 | 5227 | 0.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.77 | 212 | 6489 | 0.10 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.33 | 244 | 3732 | 0.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.66 | 88 | 608 | 0.086 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 4.05 | 42 | 368m | 0.079 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.85 | 93 | 2029 | 0.099 | ng | | 97 |
| 9) Naphthalene | 11.34 | 128 | 6519 | 0.100 | ng | | 95 |
| 10) Hexachlorobutadiene | 11.62 | 225 | 1115 | 0.101 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.92 | 142 | 4113 | 0.096 | ng | | 99 |
| 16) Acenaphthylene | 14.78 | 152 | 4694 | 0.090 | ng | | 100 |
| 17) Acenaphthene | 15.13 | 154 | 3932 | 0.096 | ng | | 95 |
| 18) Fluorene | 16.09 | 166 | 4902 | 0.096 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 16.97 | 248 | 1351 | 0.092 | ng | # | 81 |
| 21) Hexachlorobenzene | 17.09 | 284 | 1946 | 0.099 | ng | | 95 |
| 22) Pentachlorophenol | 17.43 | 266 | 633 | 0.121 | ng | | 92 |
| 23) Phenanthrene | 17.82 | 178 | 8712 | 0.097 | ng | | 96 |
| 24) Anthracene | 17.91 | 178 | 5972 | 0.085 | ng | | 96 |
| 26) Fluoranthene | 19.80 | 202 | 8145 | 0.088 | ng | # | 96 |
| 28) Pyrene | 20.15 | 202 | 8595 | 0.106 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.87 | 228 | 6347 | 0.097 | ng | | 98 |
| 31) Chrysene | 21.93 | 228 | 7653 | 0.100 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 2967 | 0.122 | ng | # | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 26.91 | 276 | 6104 | 0.086 | ng | # | 90 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 7538 | 0.098 | ng | | 94 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 6783 | 0.090 | ng | # | 72 |
| 37) Benzo(a)pyrene | 24.26 | 252 | 5709 | 0.091 | ng | # | 69 |
| 38) Dibenzo(a,h)anthracene | 26.93 | 278 | 4354 | 0.078 | ng | # | 78 |
| 39) Benzo(g,h,i)perylene | 27.70 | 276 | 6108 | 0.092 | ng | # | 81 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000181.D
Acq On : 27 Feb 2018 09:16
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 14:56:06 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 14:08:55 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
Sohil
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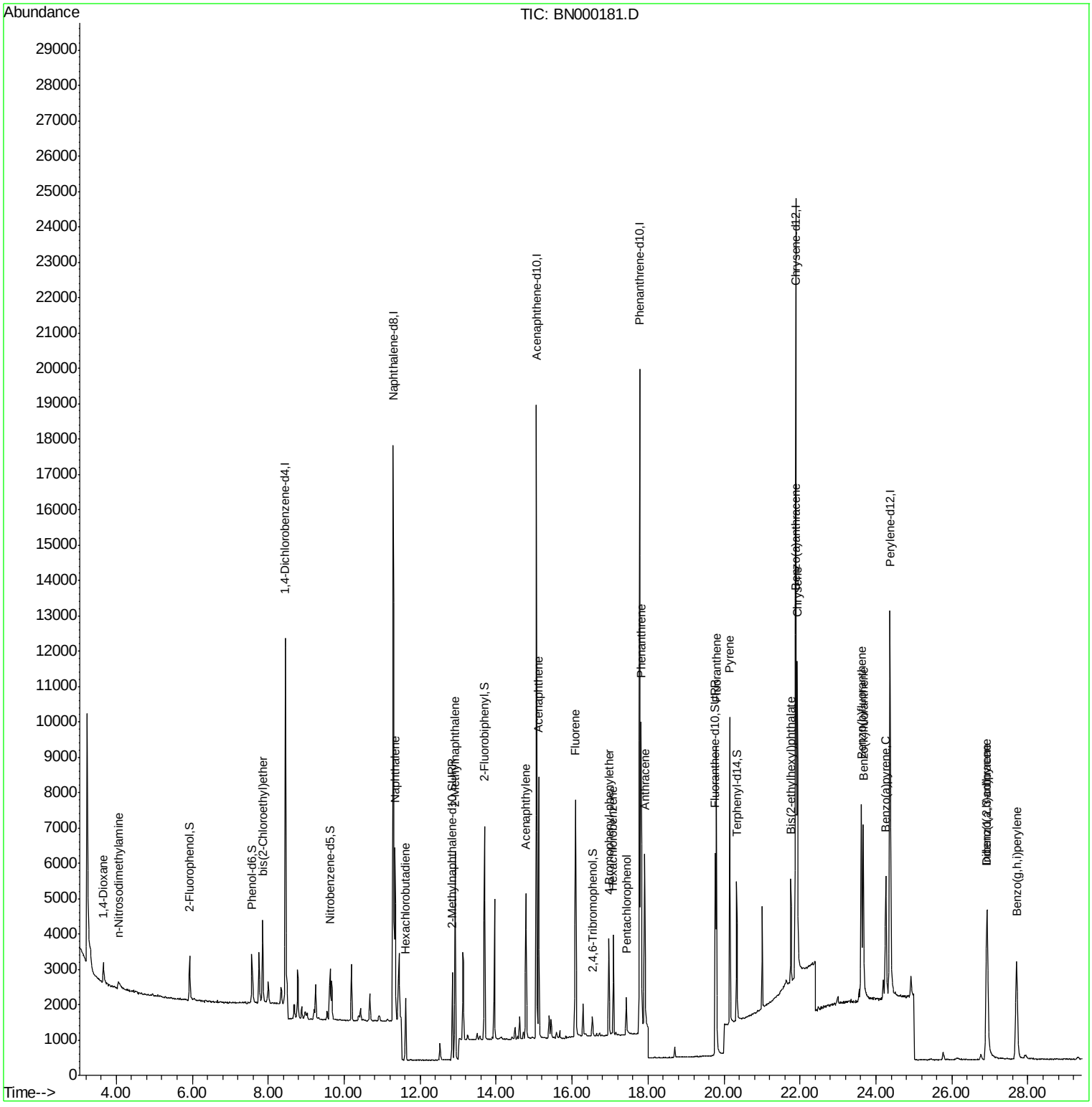
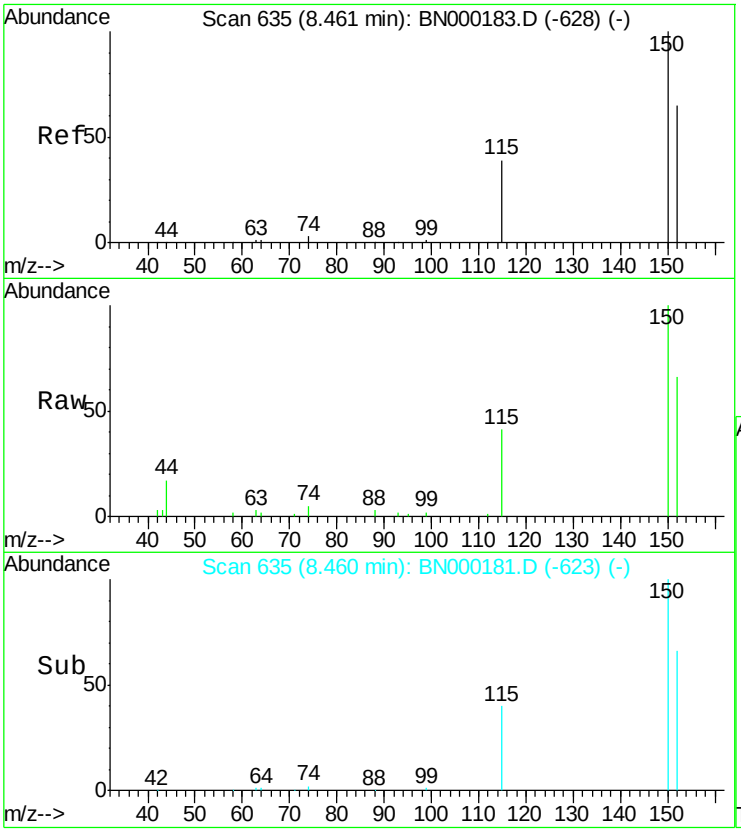
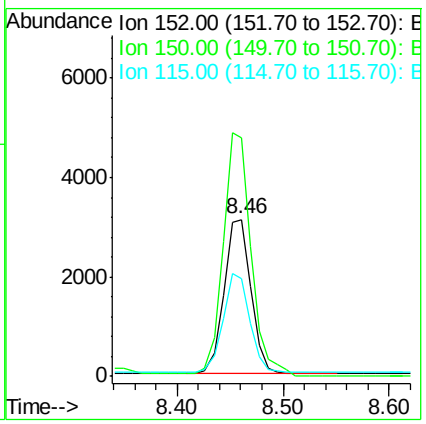





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 635
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 6042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.0 | 117.2 | 175.8 |
| 115 | 62.1 | 57.0 | 85.6 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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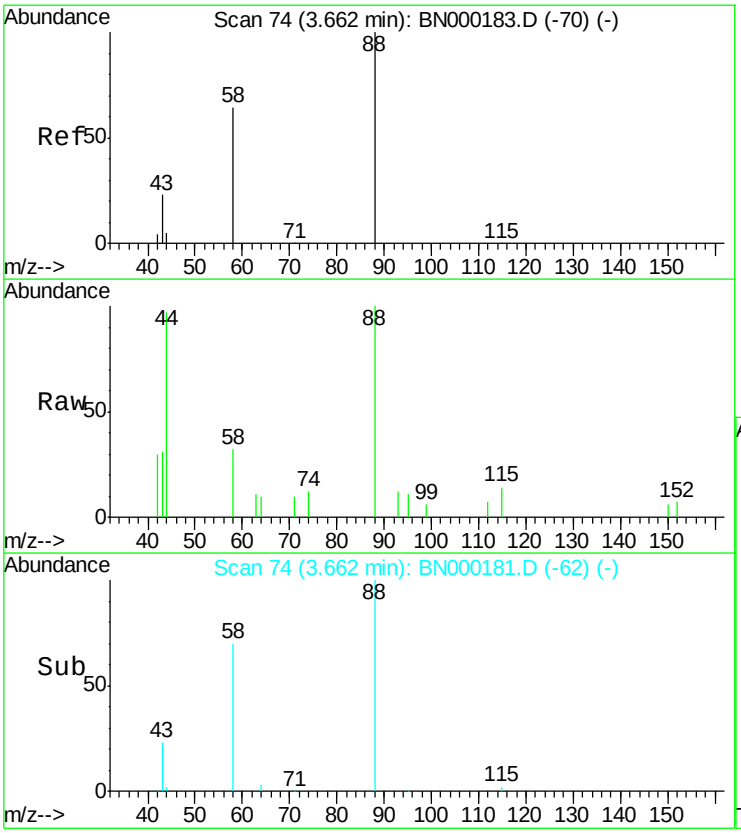
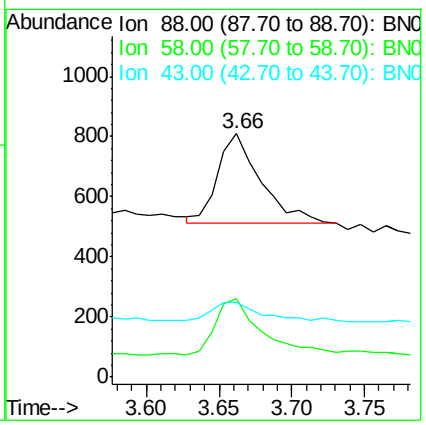
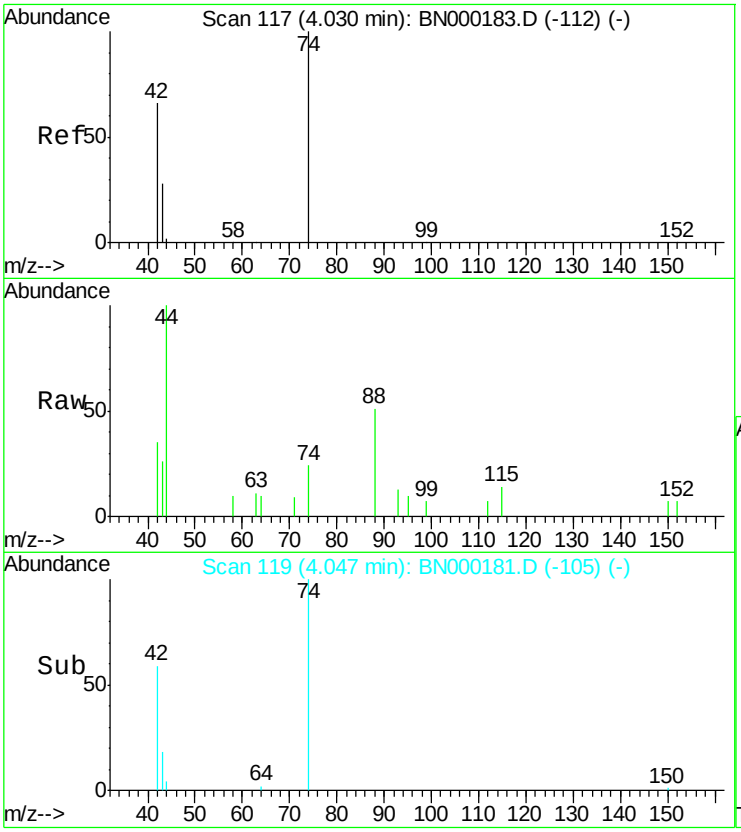



#2
1,4-Dioxane
Concen: 0.086 ng
RT: 3.66 min Scan# 74
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 88 Resp: 608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 65.1 | 48.0 | 72.0 |
| 43 | 23.5 | 20.0 | 30.0 |

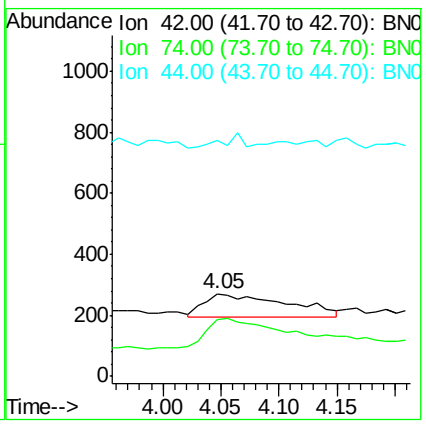





#3
n-Nitrosodimethylamine
Concen: 0.079 ng m
RT: 4.05 min Scan# 119
Delta R.T. 0.02 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 42 Resp: 368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 94.6 | 120.0 | 180.0# |
| 44 | 19.6 | 4.0 | 6.0# |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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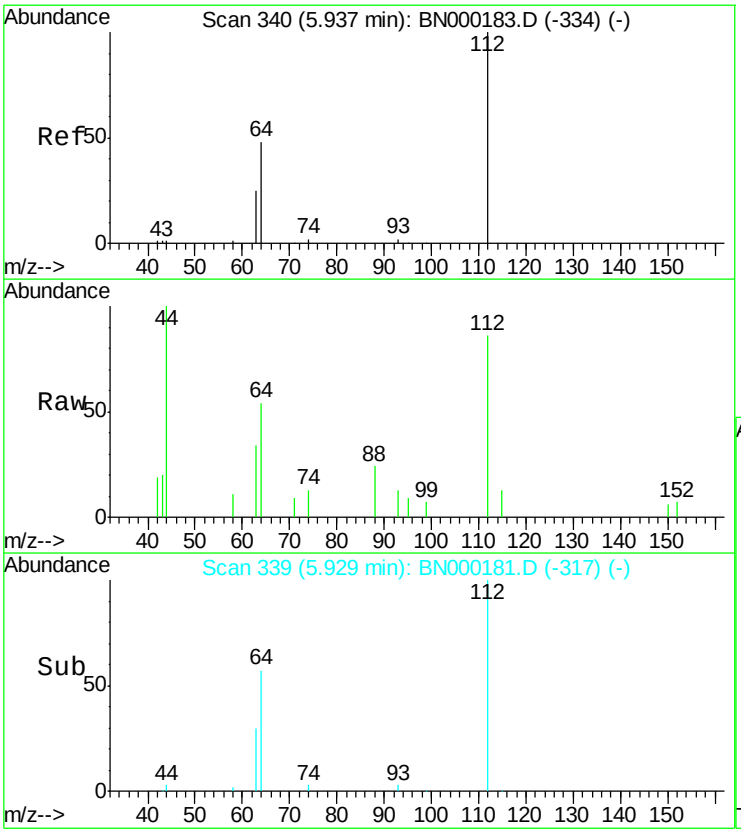
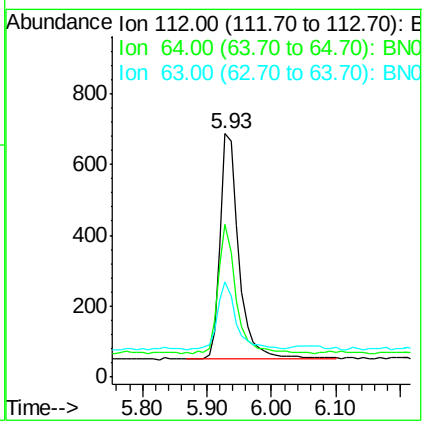
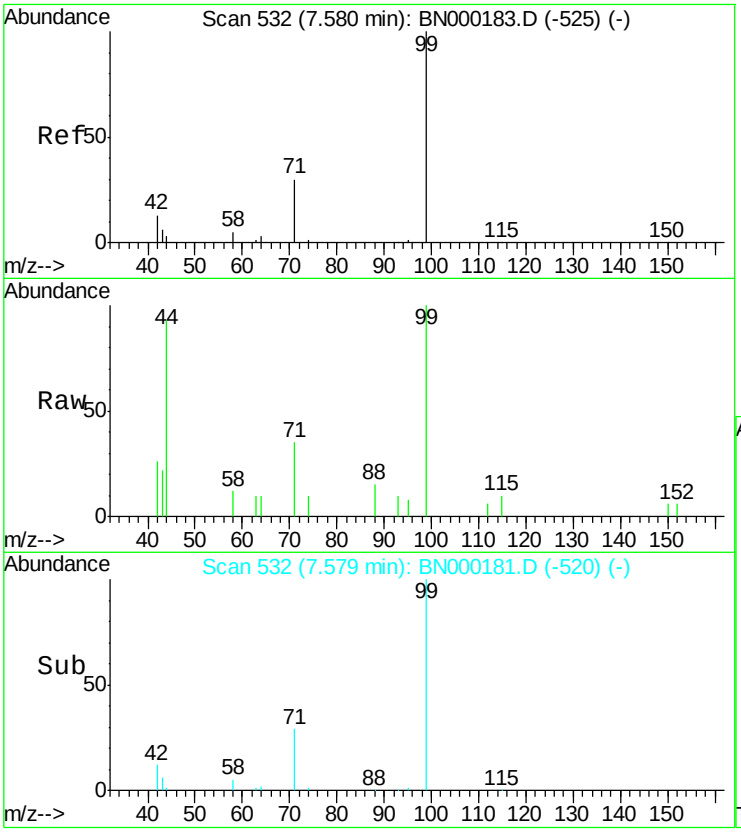



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:112 Resp: 1299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.6 | 60.1 | 90.1# |
| 63 | 29.3 | 116.8 | 175.2# |






#5
Phenol-d6
Concen: 0.098 ng
RT: 7.58 min Scan# 532
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 99 Resp: 1584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 20.2 | 30.2# |
| 71 | 30.9 | 28.4 | 42.6 |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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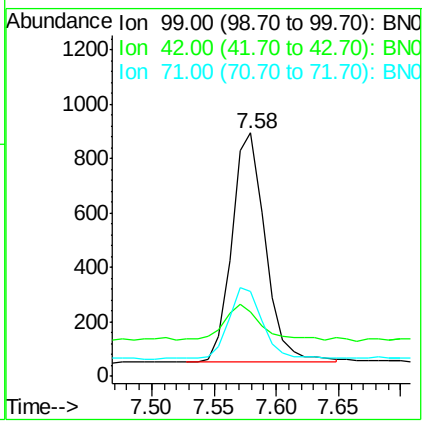
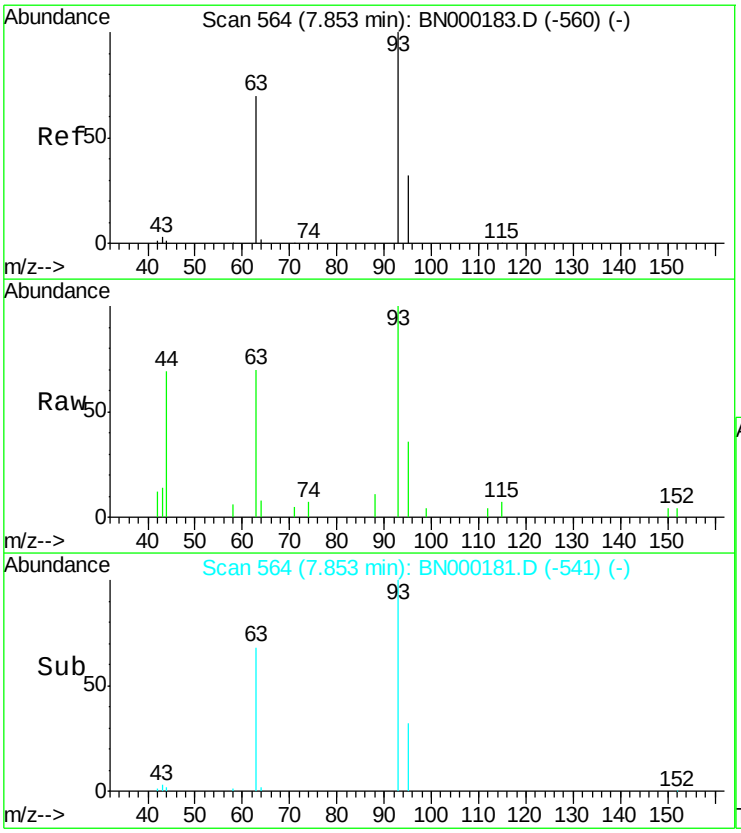
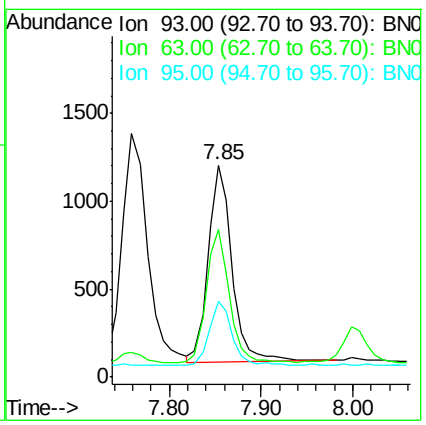


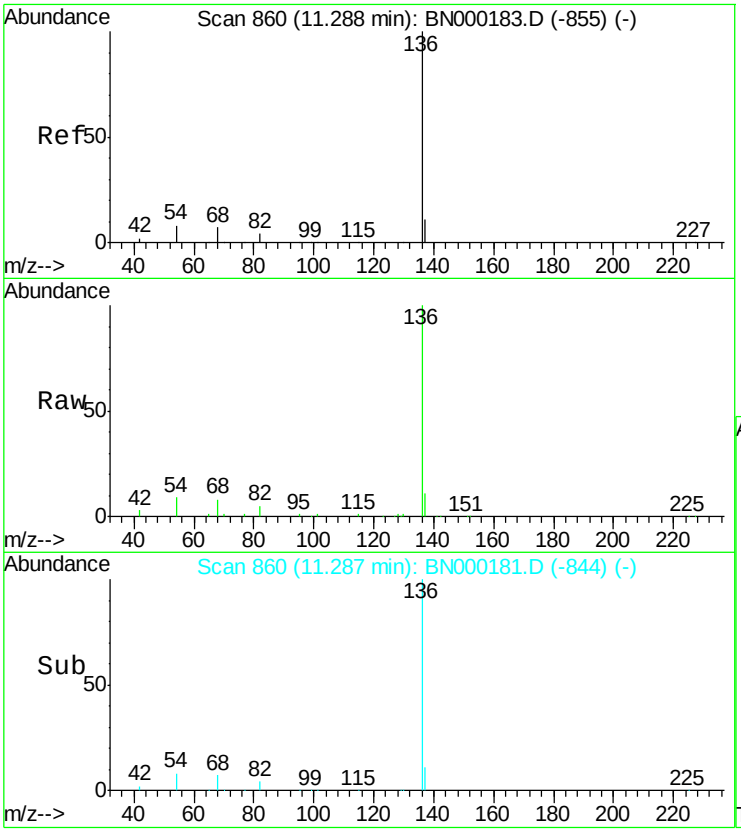




#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.85 min Scan# 564
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 93 Resp: 2029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 66.4 | 56.0 | 84.0 |
| 95 | 31.6 | 25.2 | 37.8 |

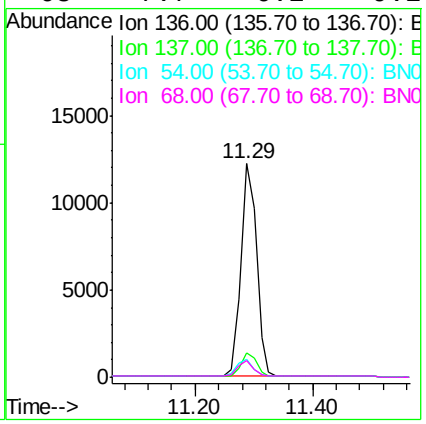





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 860
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:136 Resp: 22293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.5 | 14.3 |
| 54 | 8.6 | 29.1 | 43.7# |
| 68 | 7.7 | 6.2 | 9.2 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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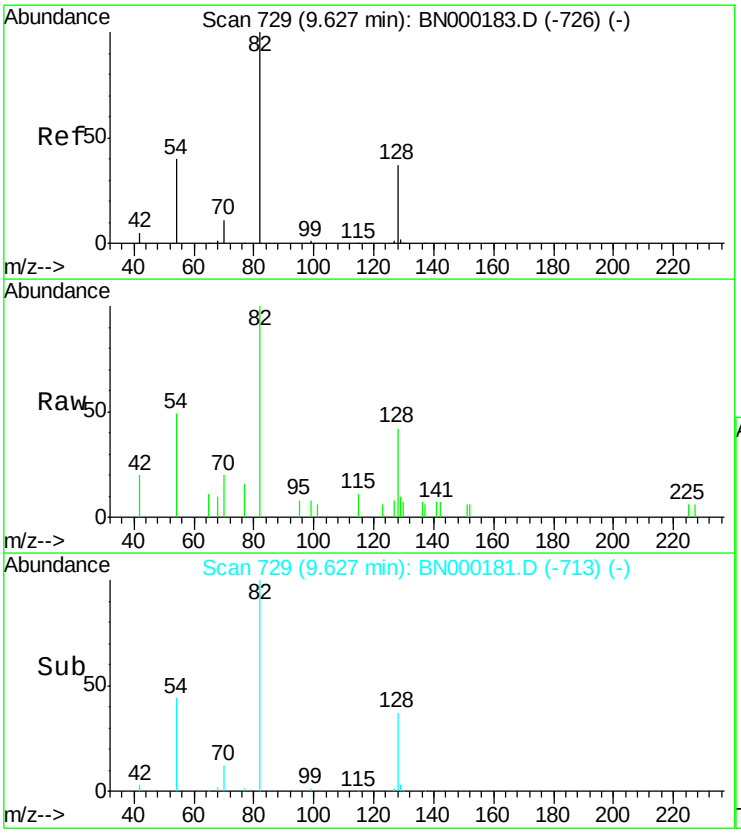
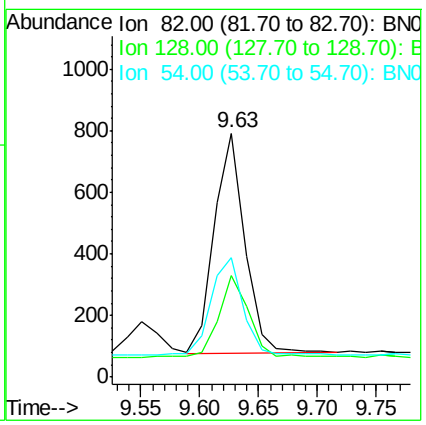
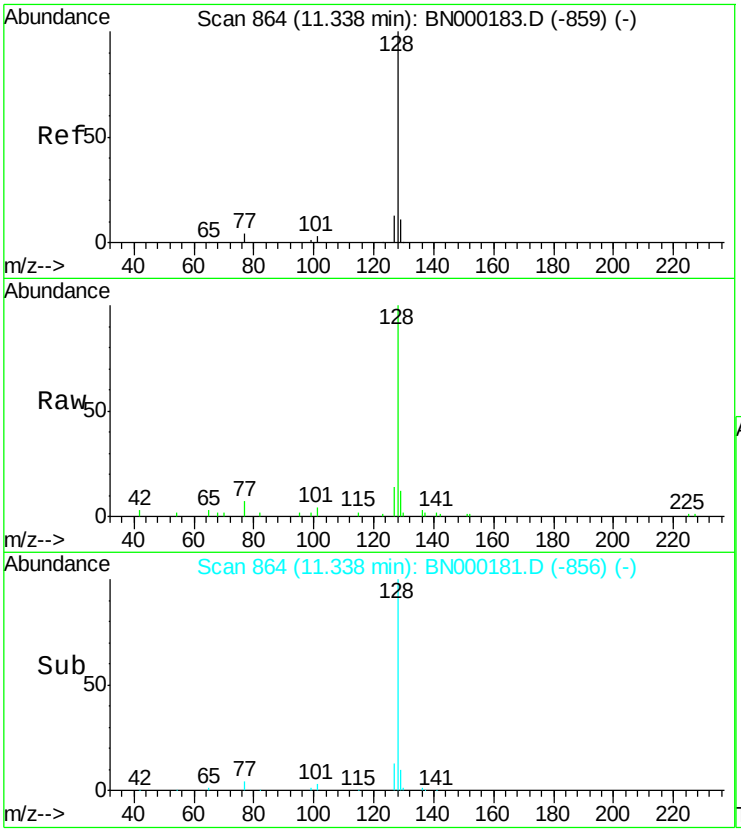



#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 9.63 min Scan# 729
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion: 82 Resp: 1293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.6 | 150.0 | 225.0# |
| 54 | 49.1 | 154.2 | 231.4# |

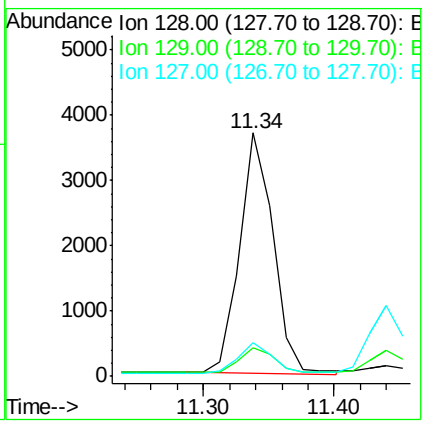





#9
Naphthalene
Concen: 0.100 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:128 Resp: 6519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.0 | 12.0 |
| 127 | 14.1 | 9.6 | 14.4 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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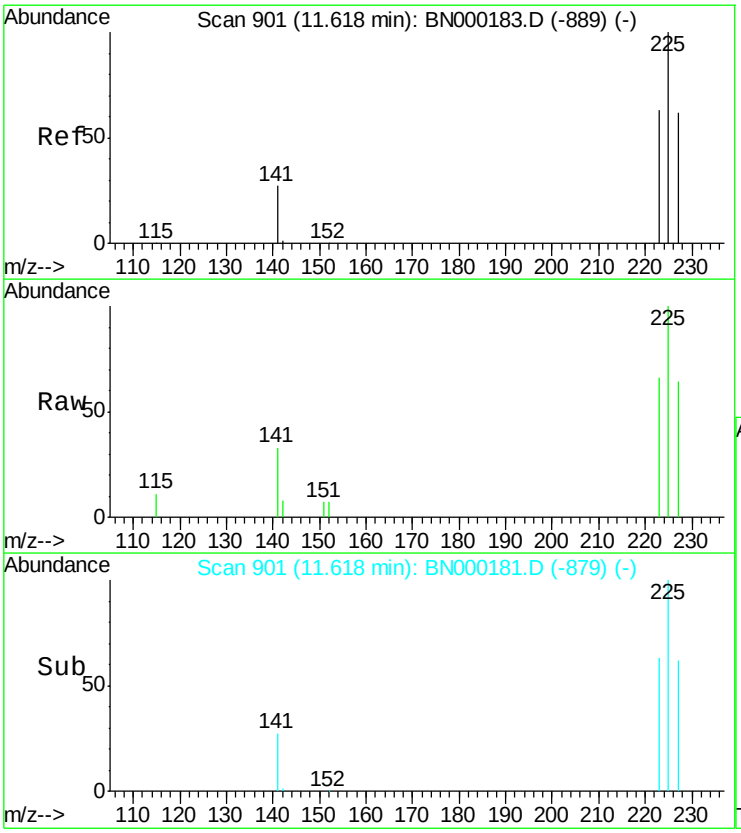
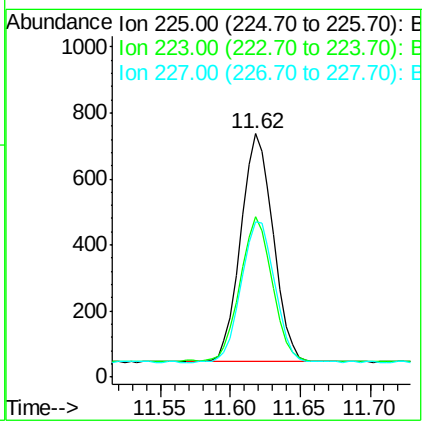
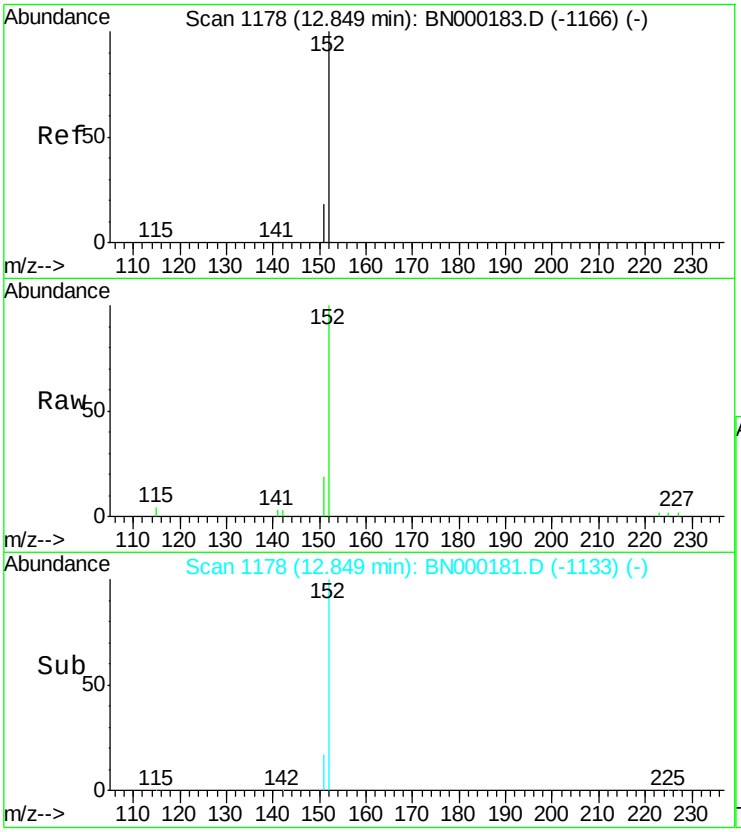



#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:225 Resp: 1115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 53.0 | 79.6 |
| 227 | 63.7 | 51.4 | 77.2 |






#11
2-Methylnaphthalene-d10
Concen: 0.099 ng
RT: 12.85 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 3308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.4 | 23.0 |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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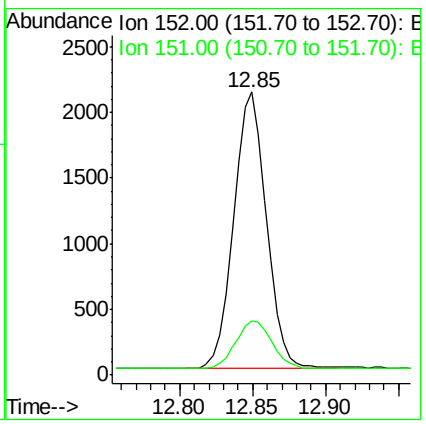
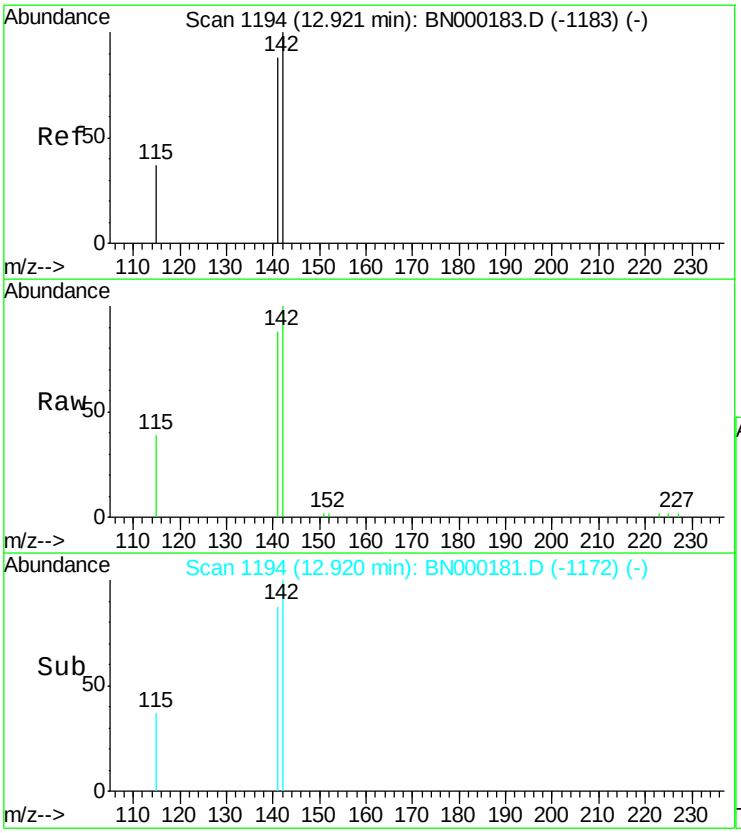
2/28/2018 5:12:07 PM

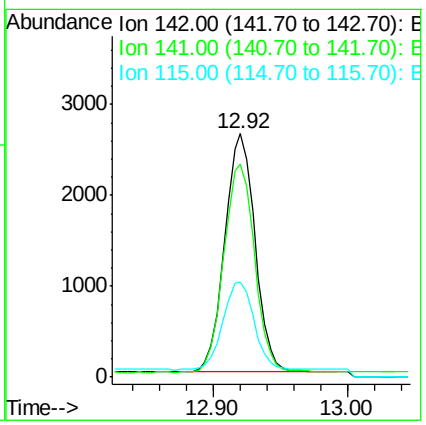


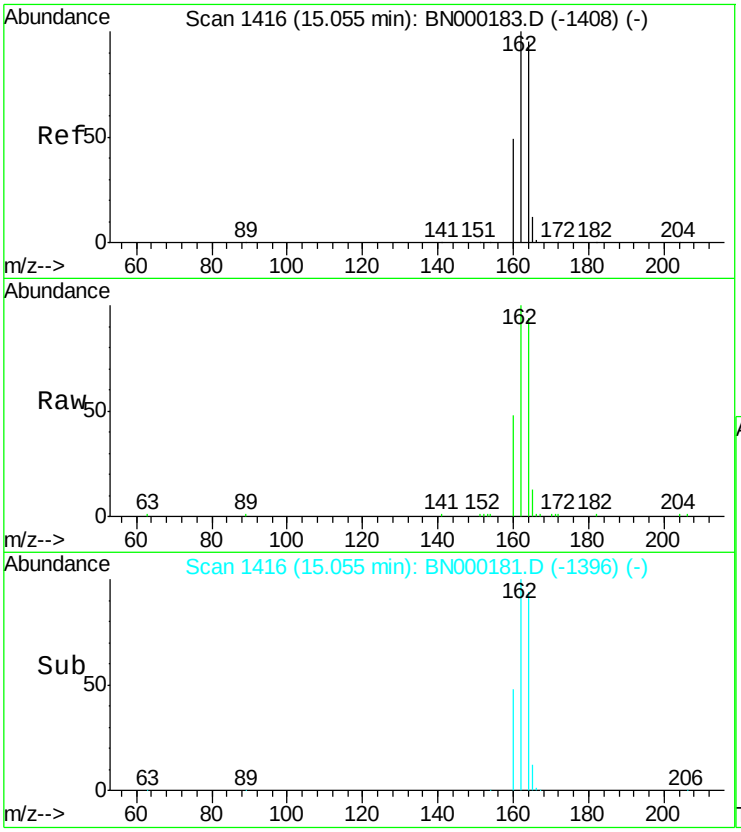




#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.92 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:142 Resp: 4113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 70.4 | 105.6 |
| 115 | 39.2 | 31.7 | 47.5 |

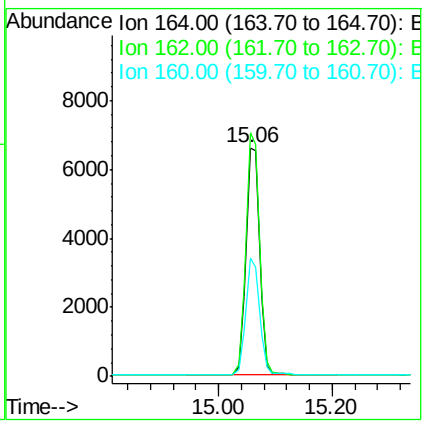





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:164 Resp: 11048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.7 | 83.1 | 124.7 |
| 160 | 51.7 | 37.1 | 55.7 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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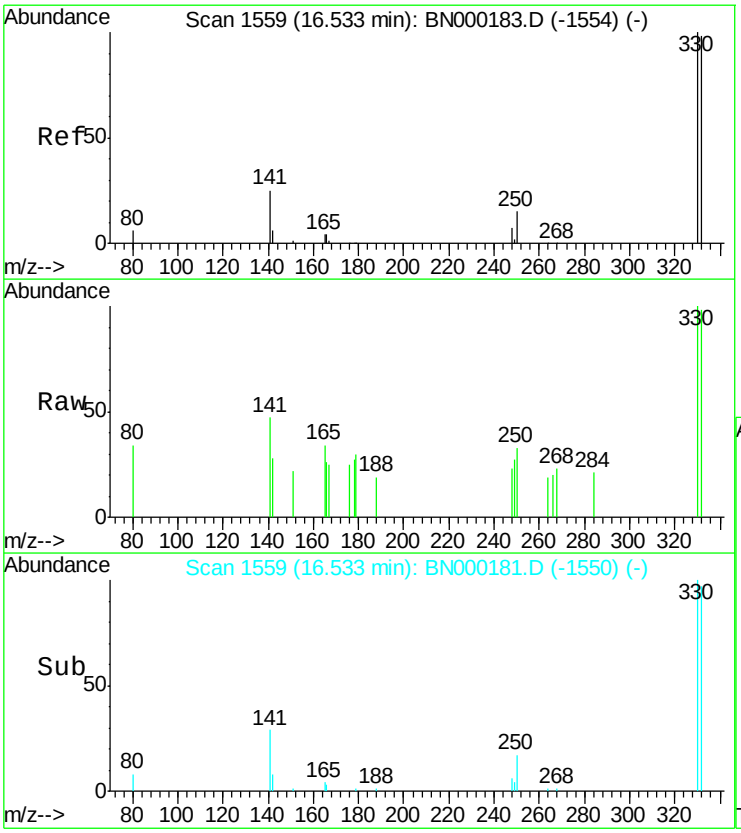
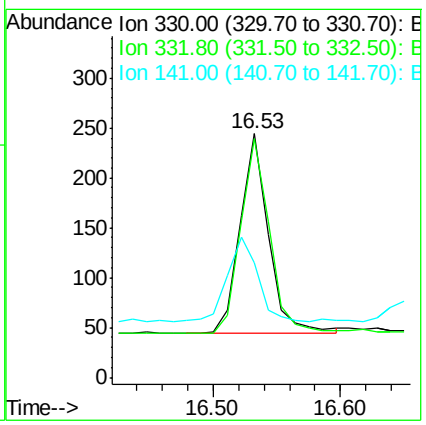
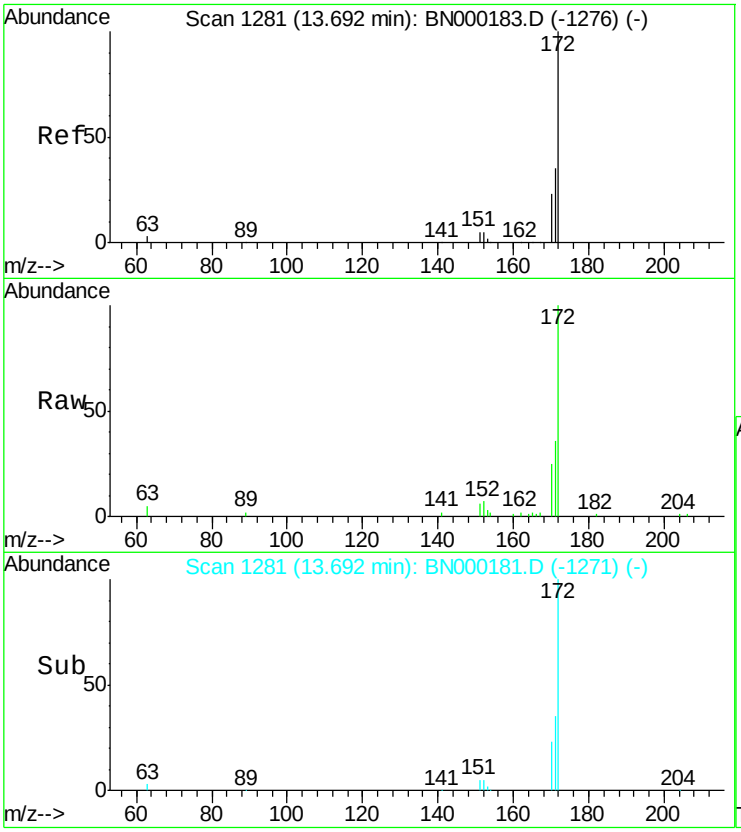



#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 16.53 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:330 Resp: 308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 101.3 | 152.7 | 229.1# |
| 141 | 45.1 | 33.7 | 50.5 |

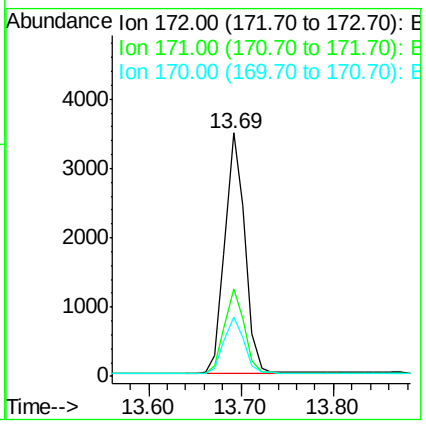





#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:172 Resp: 5227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.9 | 44.9 |
| 170 | 24.5 | 21.8 | 32.8 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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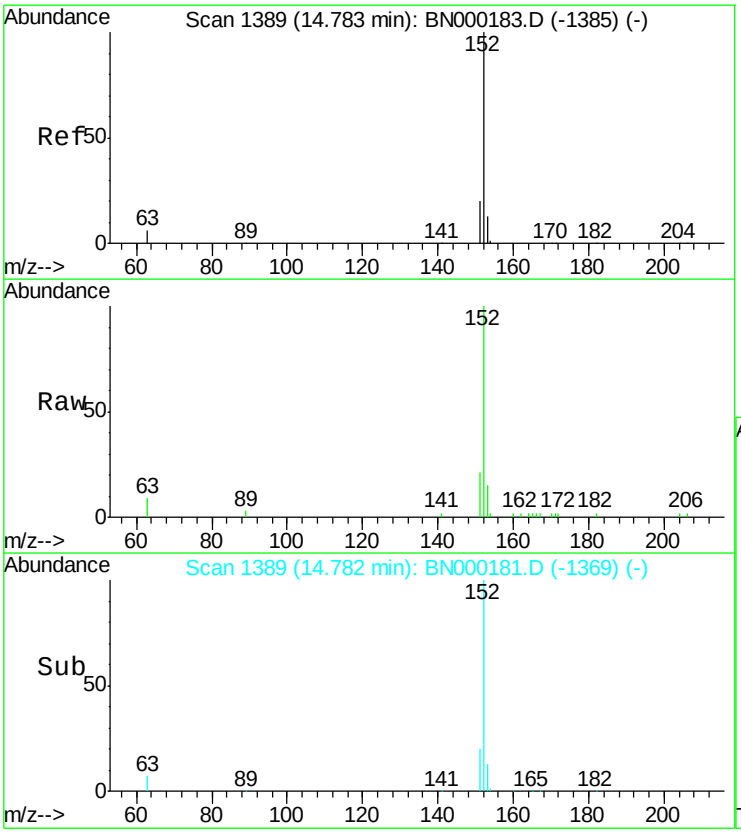
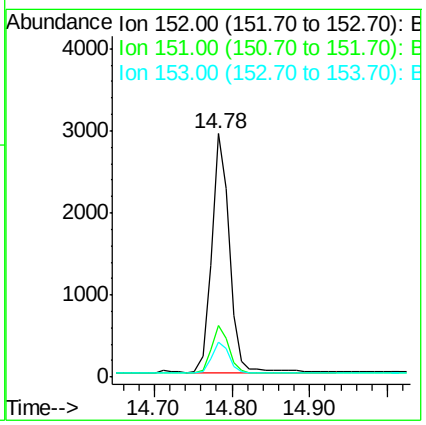
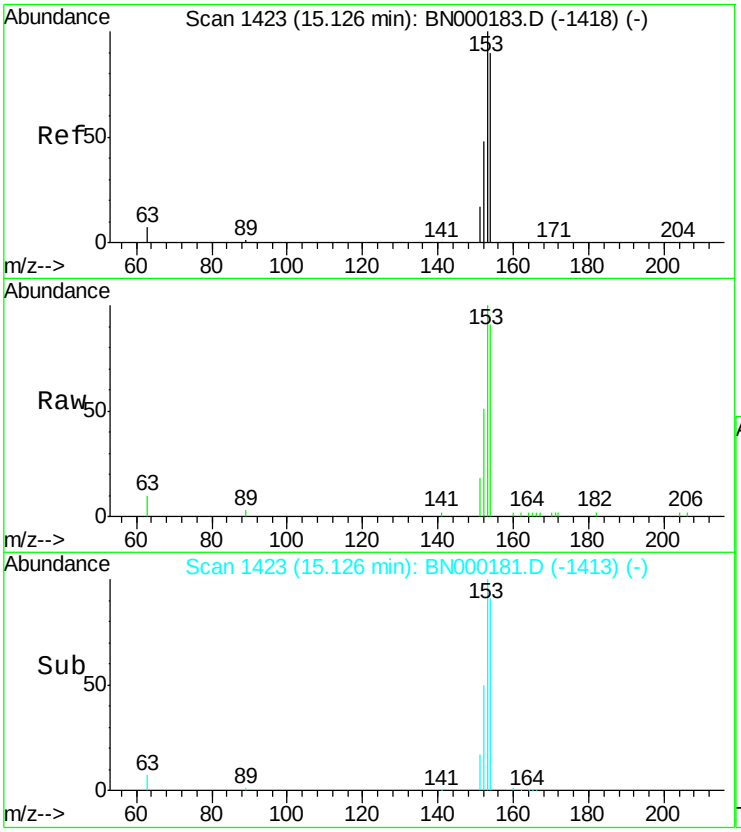



#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:152 Resp: 4694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.7 | 23.5 |
| 153 | 12.8 | 10.5 | 15.7 |

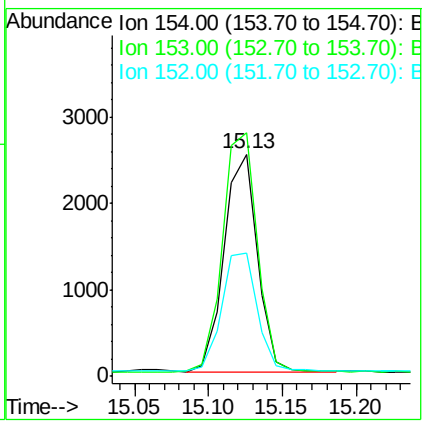





#17
Acenaphthene
Concen: 0.096 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:154 Resp: 3932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.1 | 89.2 | 133.8 |
| 152 | 58.3 | 42.0 | 63.0 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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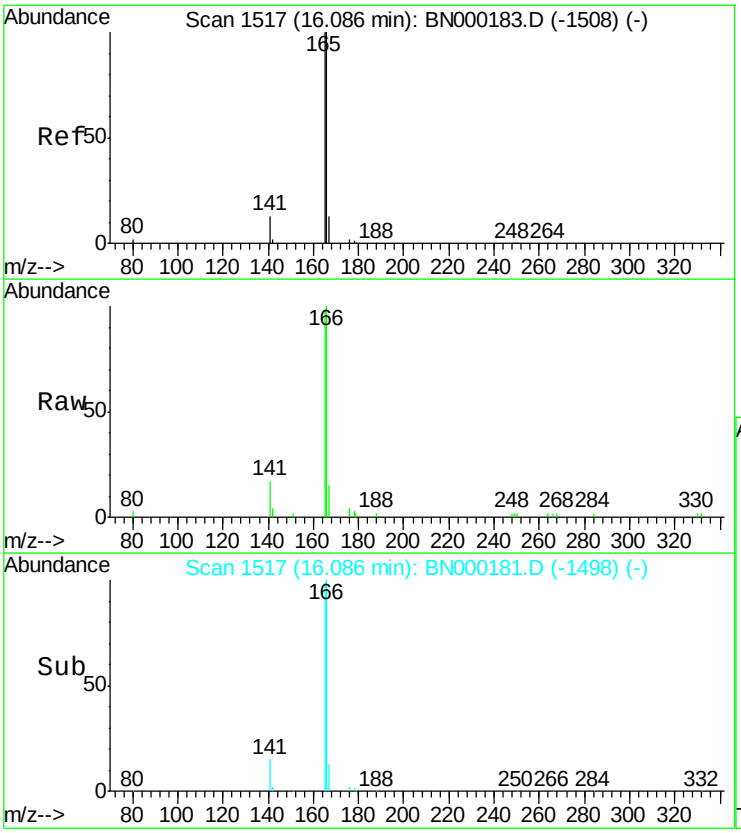
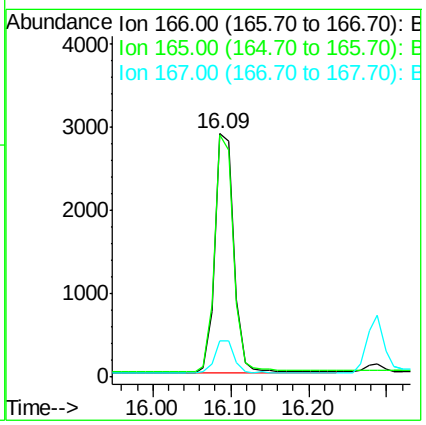
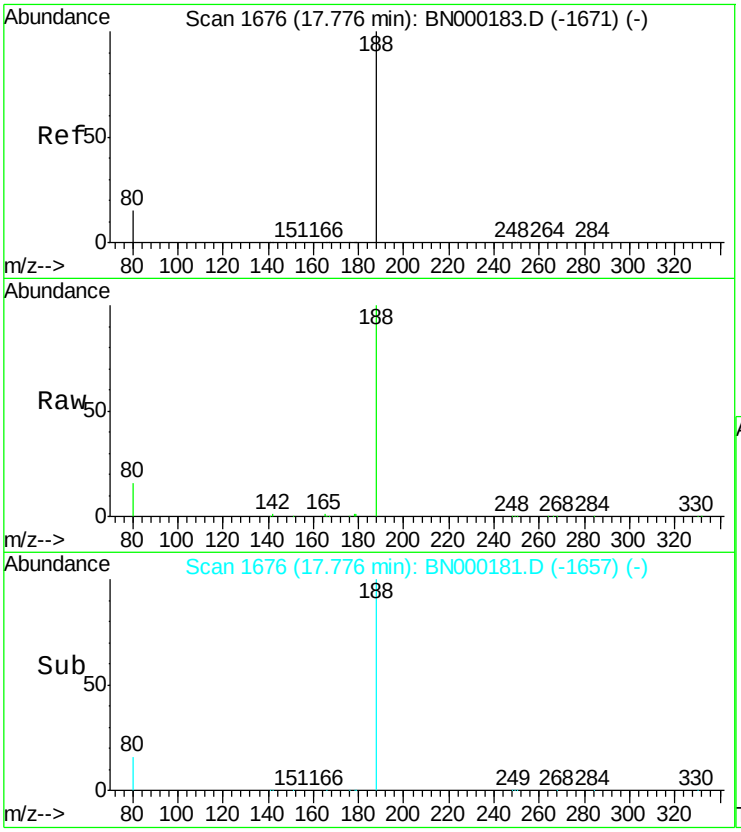



#18
Fluorene
Concen: 0.096 ng
RT: 16.09 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:166 Resp: 4902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 77.8 | 116.6 |
| 167 | 13.8 | 42.4 | 63.6# |






#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:188 Resp: 25445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 15.9 | 3.6 | 5.4# |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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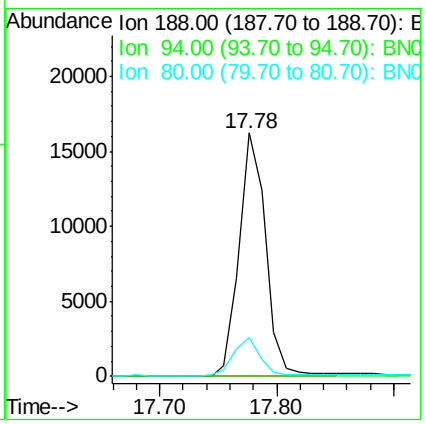
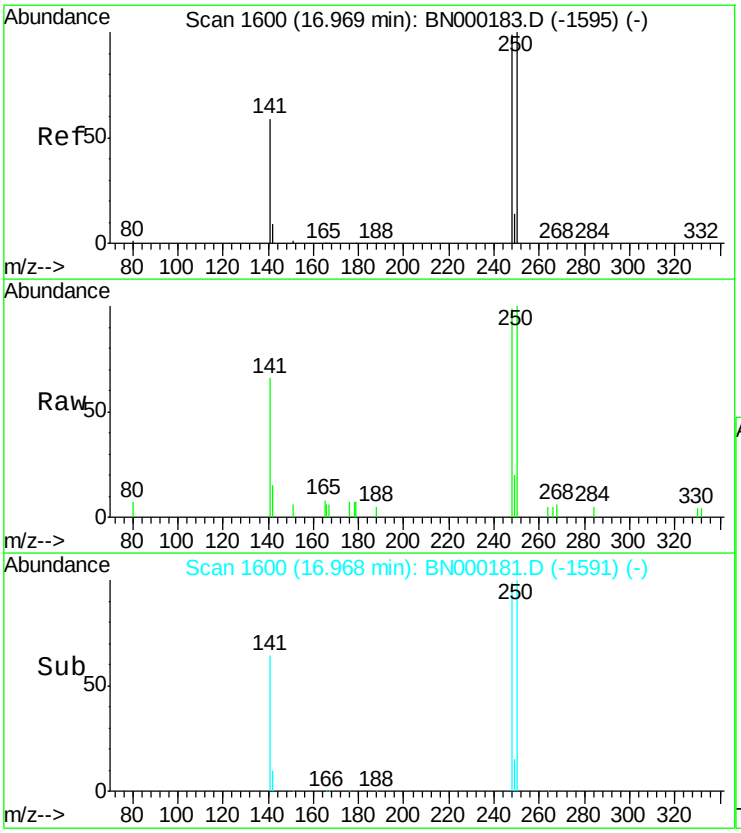
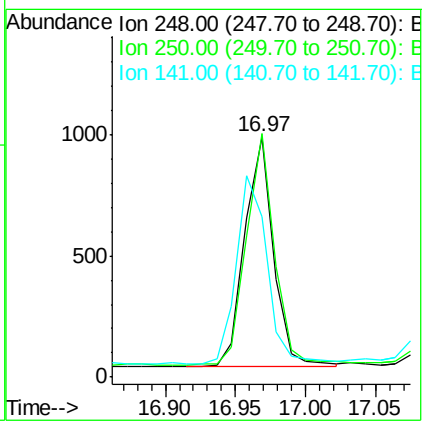


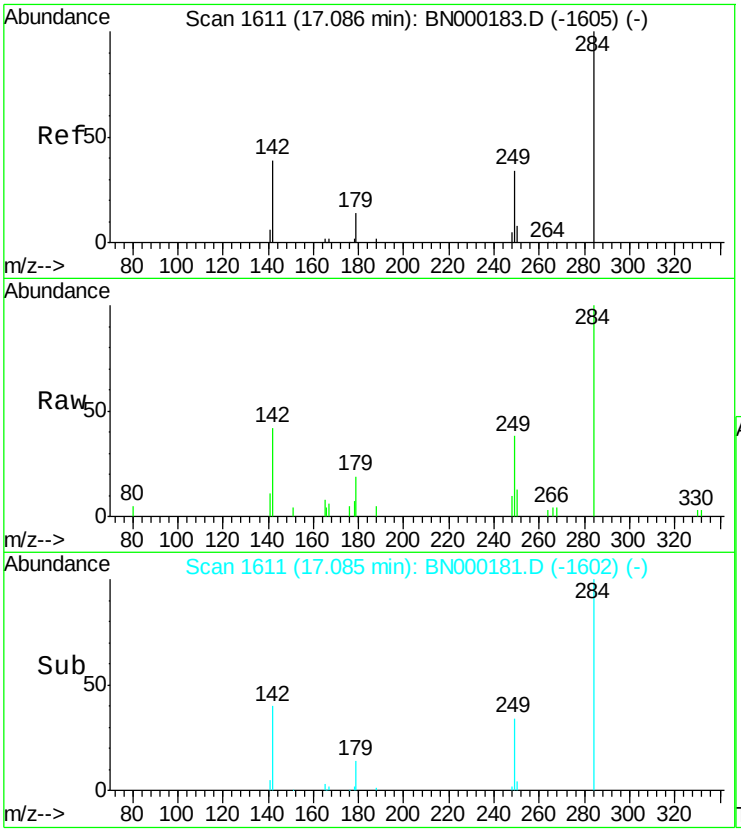




#20
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.97 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:248 Resp: 1351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.3 | 62.7 | 94.1# |
| 141 | 66.6 | 48.2 | 72.2 |

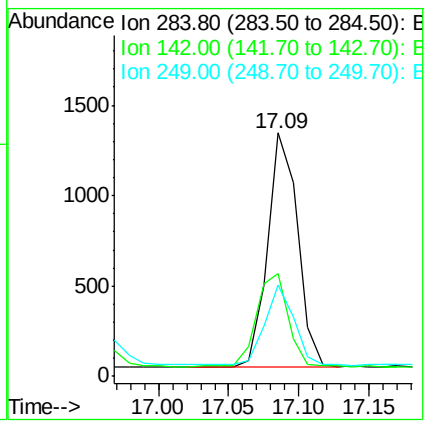





#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:284 Resp: 1946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.2 | 32.0 | 48.0 |
| 249 | 33.4 | 24.0 | 36.0 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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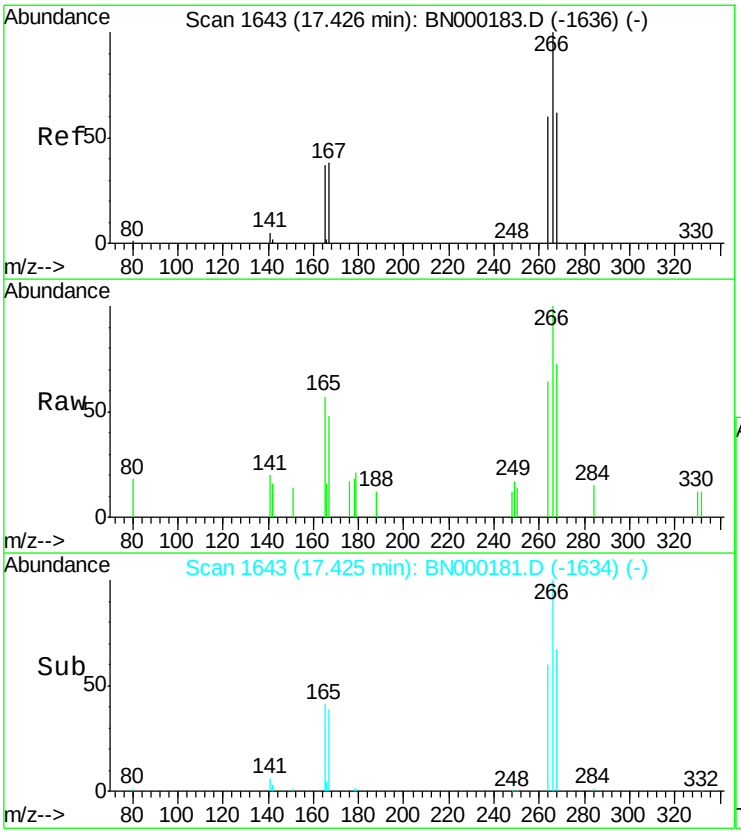
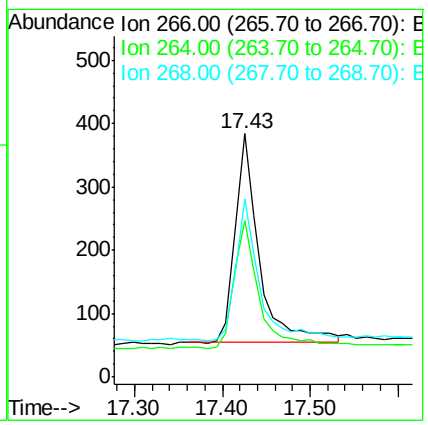
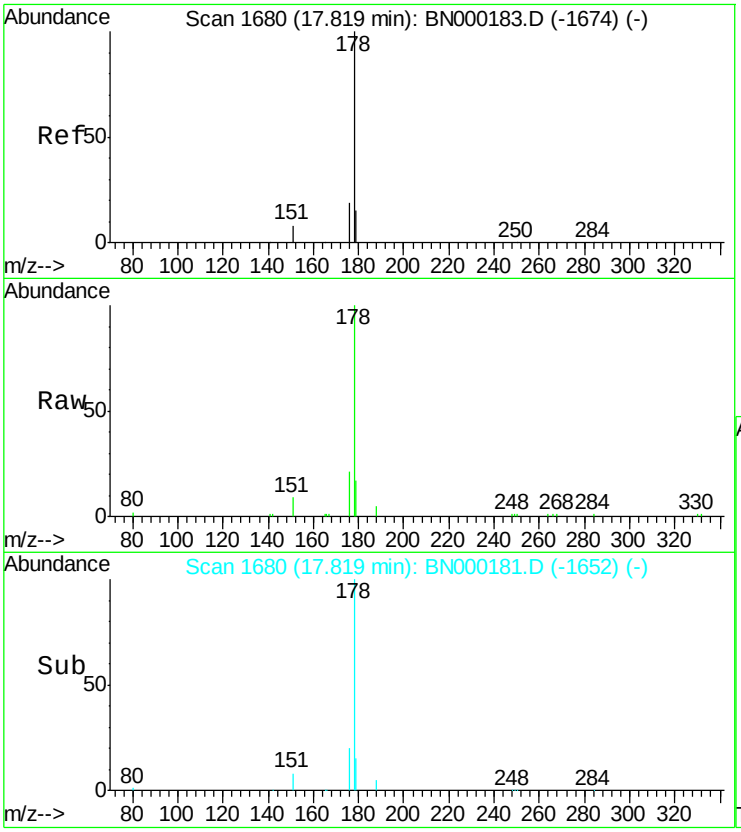



#22
Pentachlorophenol
Concen: 0.121 ng
RT: 17.43 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:266 Resp: 633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.3 | 48.0 | 72.0 |
| 268 | 73.2 | 52.0 | 78.0 |

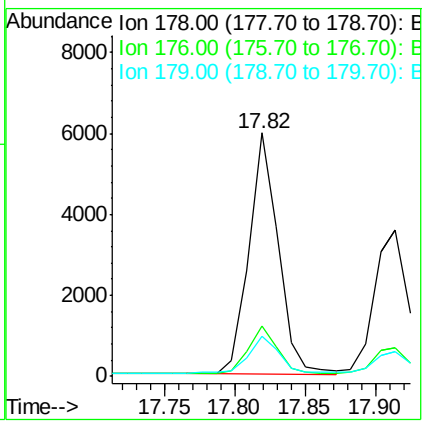





#23
Phenanthrene
Concen: 0.097 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:178 Resp: 8712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 15.1 | 22.7 |
| 179 | 16.8 | 11.8 | 17.6 |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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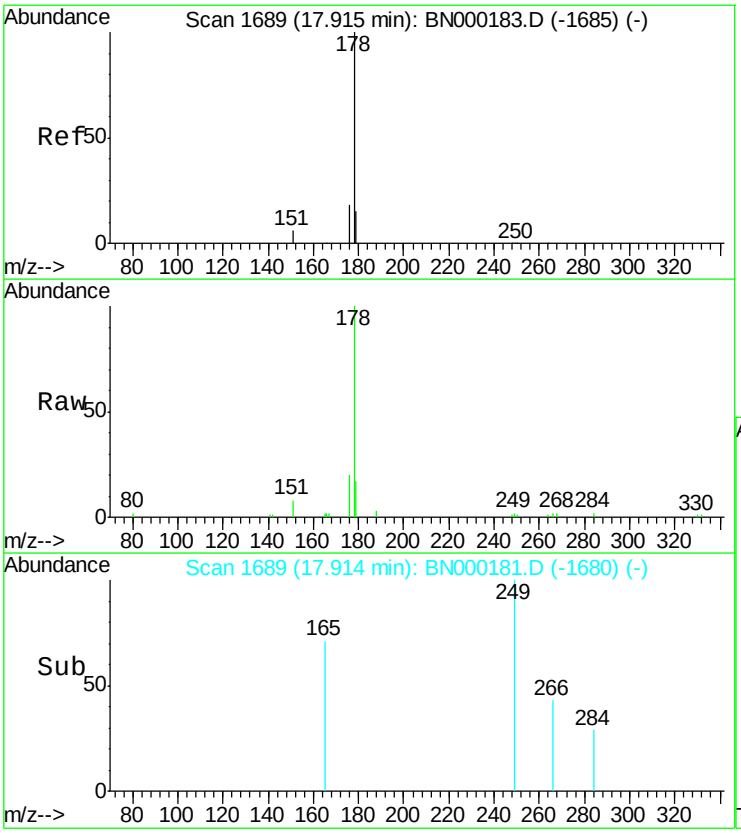
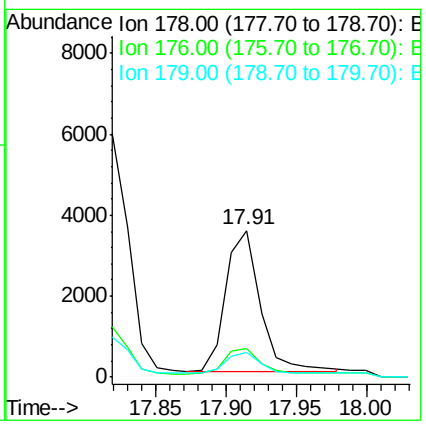
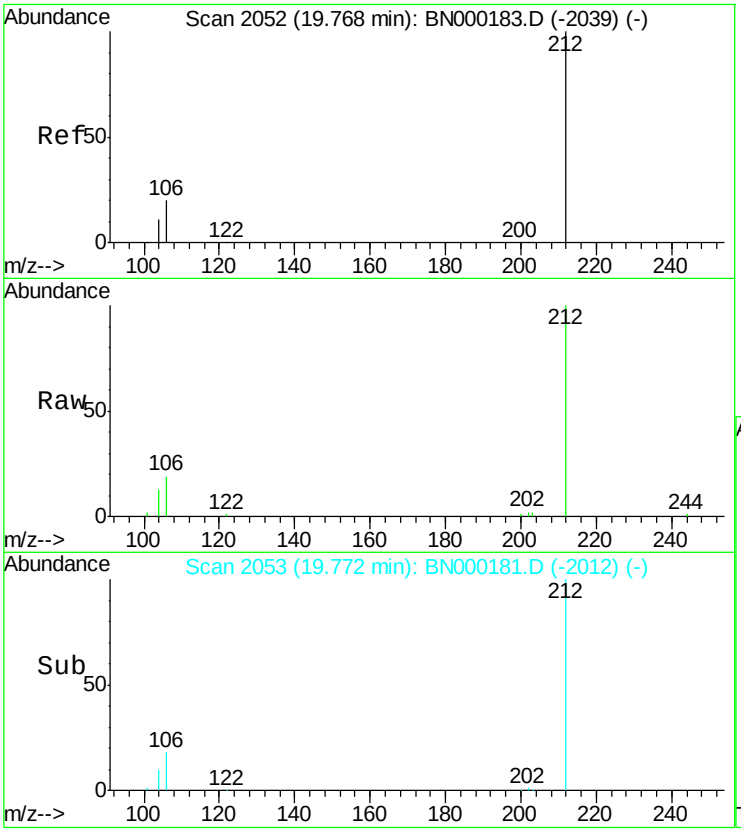



#24
Anthracene
Concen: 0.085 ng
RT: 17.91 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:178 Resp: 5972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 12.8 | 19.2 |
| 179 | 14.9 | 13.0 | 19.6 |






#25
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.77 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:212 Resp: 6489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 19.0 | 2.8 | 4.2# |
| 104 | 11.1 | 1.6 | 2.4# |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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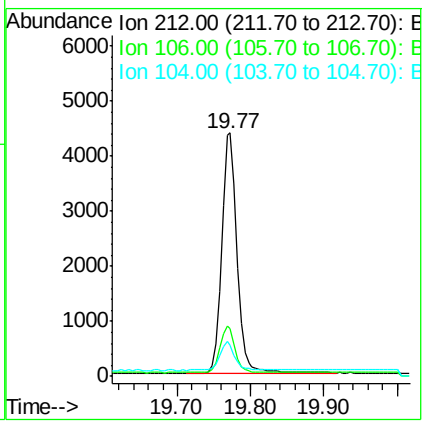
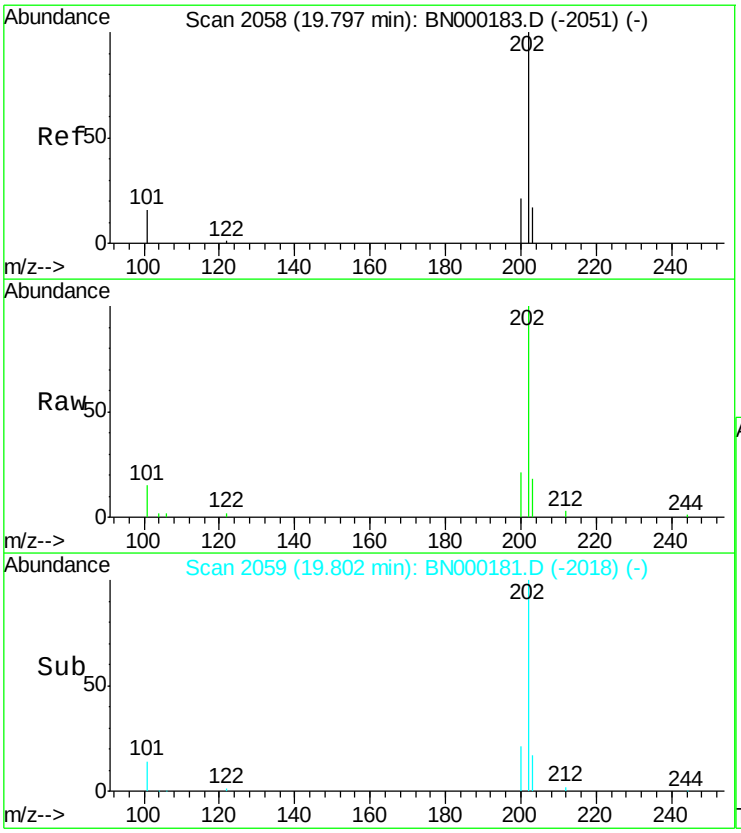
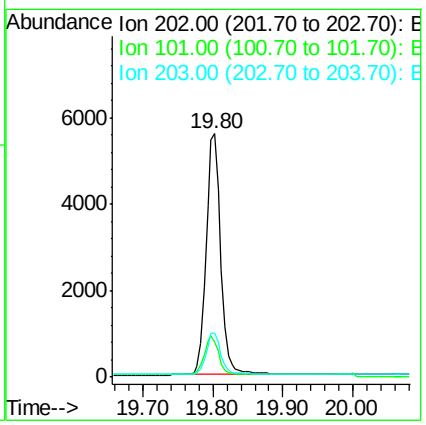


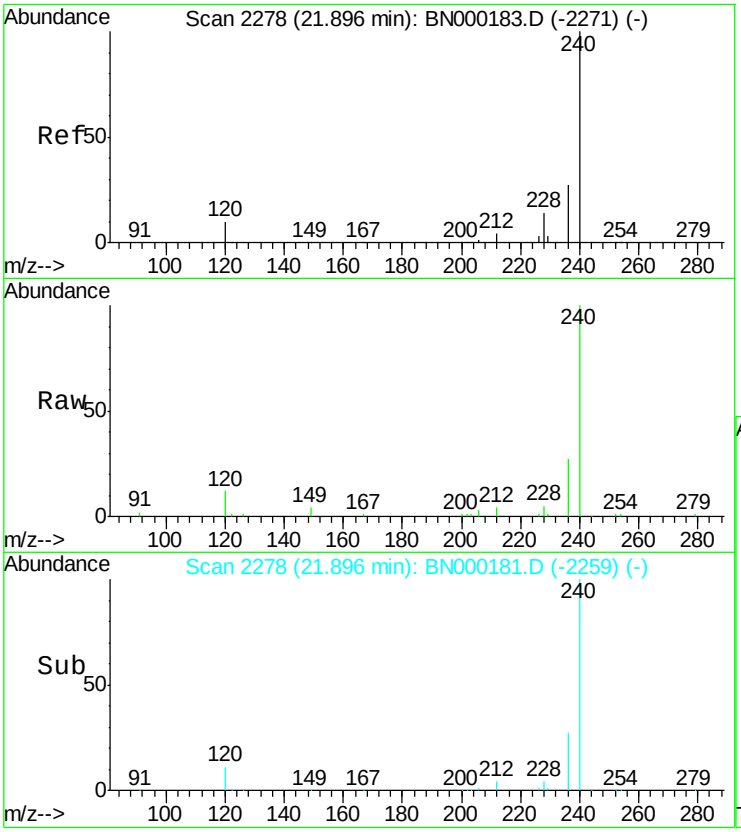




#26
Fluoranthene
Concen: 0.088 ng
RT: 19.80 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:202 Resp: 8145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.7 | 9.8 | 14.8# |
| 203 | 16.7 | 13.7 | 20.5 |






#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:240 Resp: 20732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.3 | 5.5 | 8.3# |
| 236 | 27.0 | 20.7 | 31.1 |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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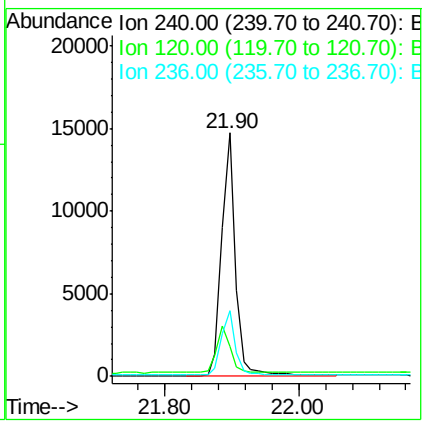
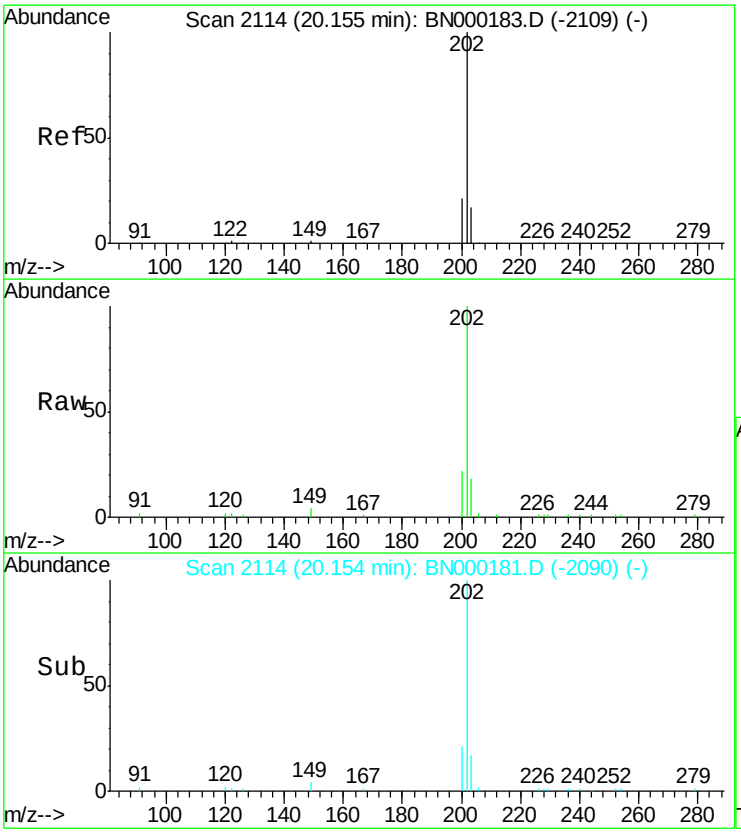
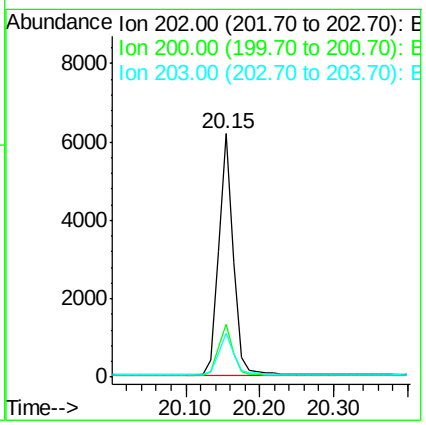


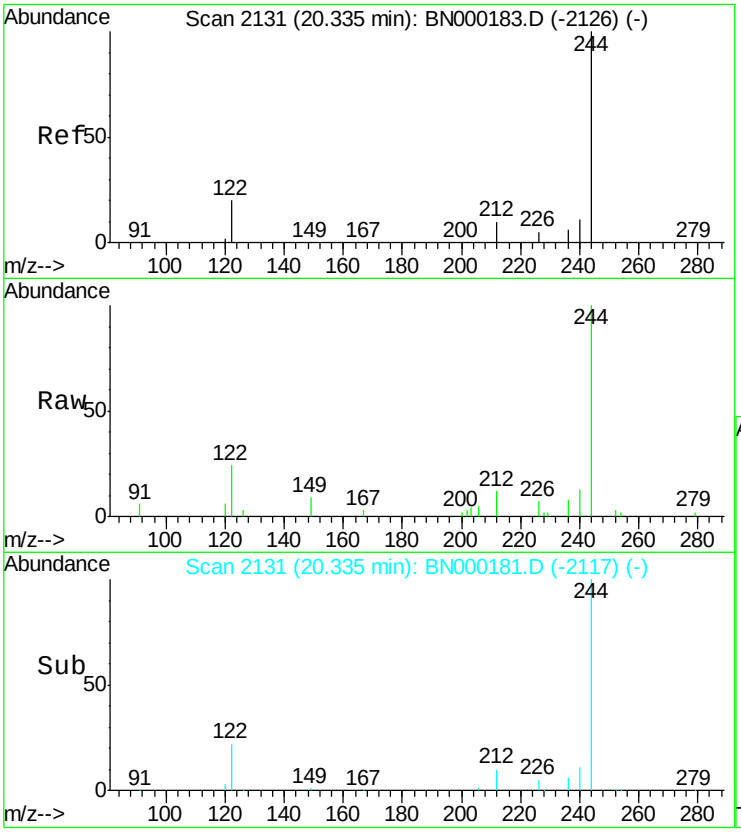




#28
Pyrene
Concen: 0.106 ng
RT: 20.15 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:202 Resp: 8595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.6 | 25.0 |
| 203 | 18.3 | 13.8 | 20.8 |

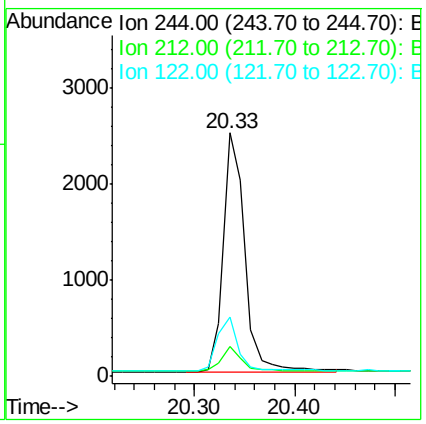





#29
Terphenyl-d14
Concen: 0.102 ng
RT: 20.33 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:244 Resp: 3732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.2 | 25.4 | 38.0# |
| 122 | 24.2 | 8.1 | 12.1# |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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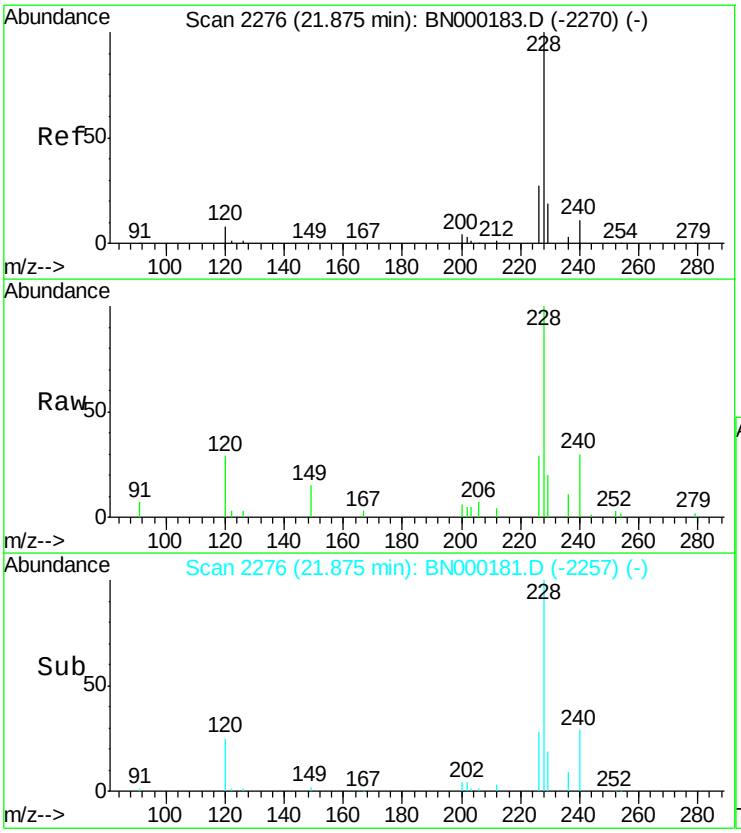
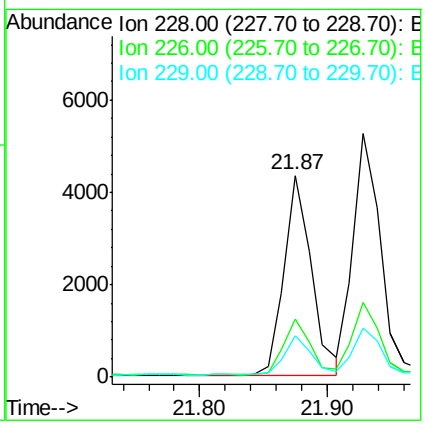
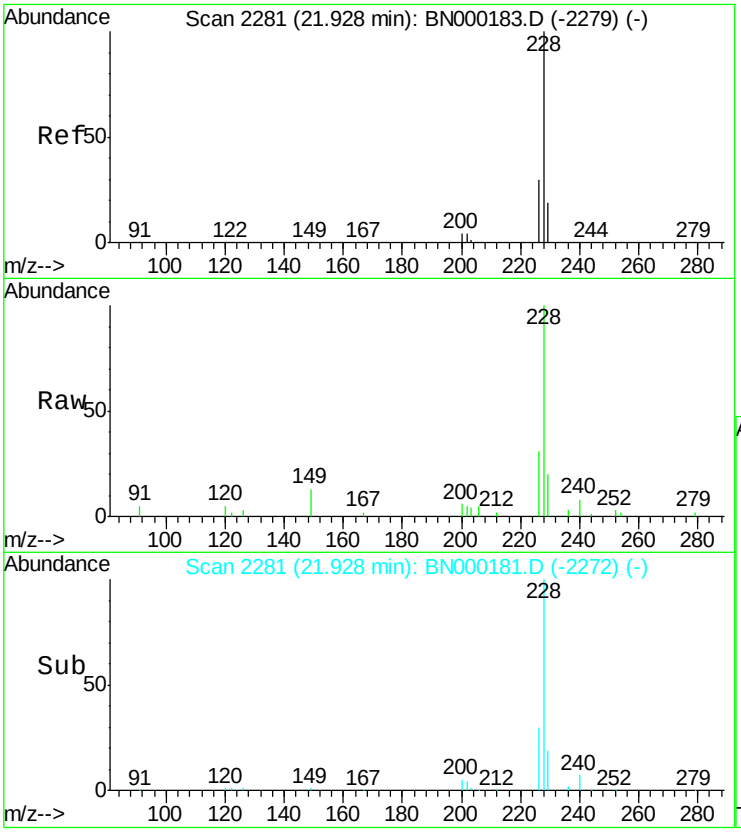



#30
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.87 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:228 Resp: 6347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 24.0 | 36.0 |
| 229 | 20.3 | 16.0 | 24.0 |






#31
Chrysene
Concen: 0.100 ng
RT: 21.93 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:228 Resp: 7653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 24.0 | 36.0 |
| 229 | 20.0 | 16.0 | 24.0 |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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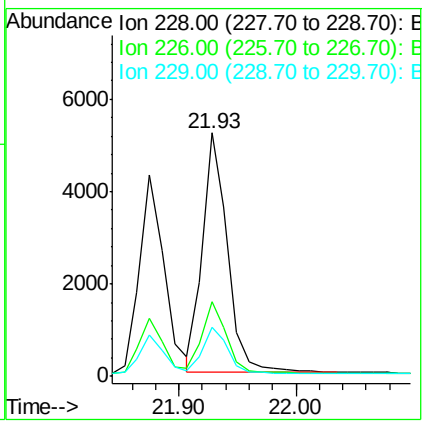
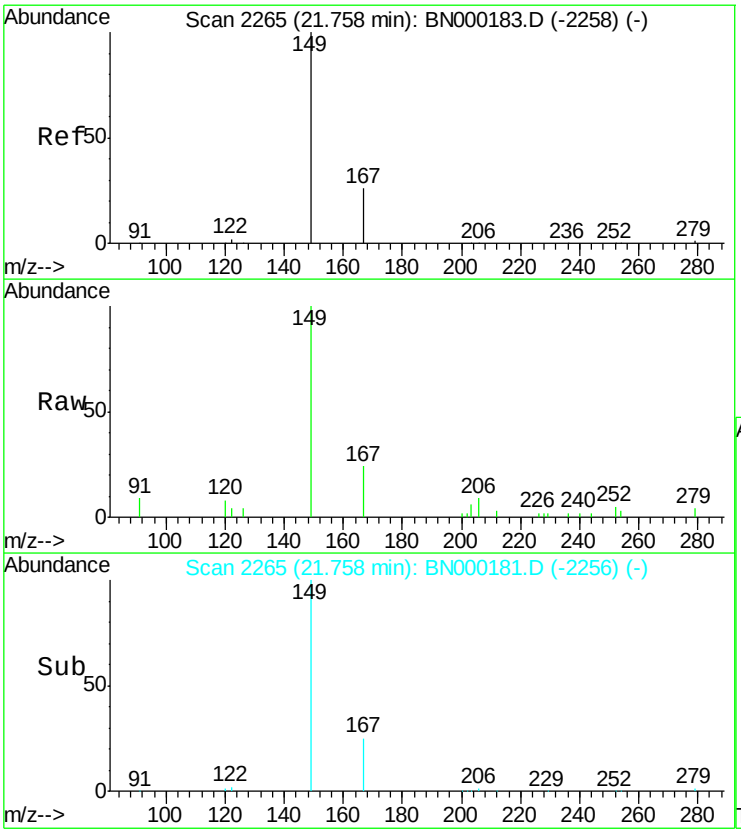
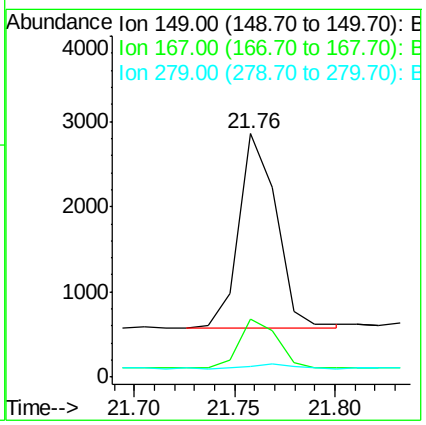


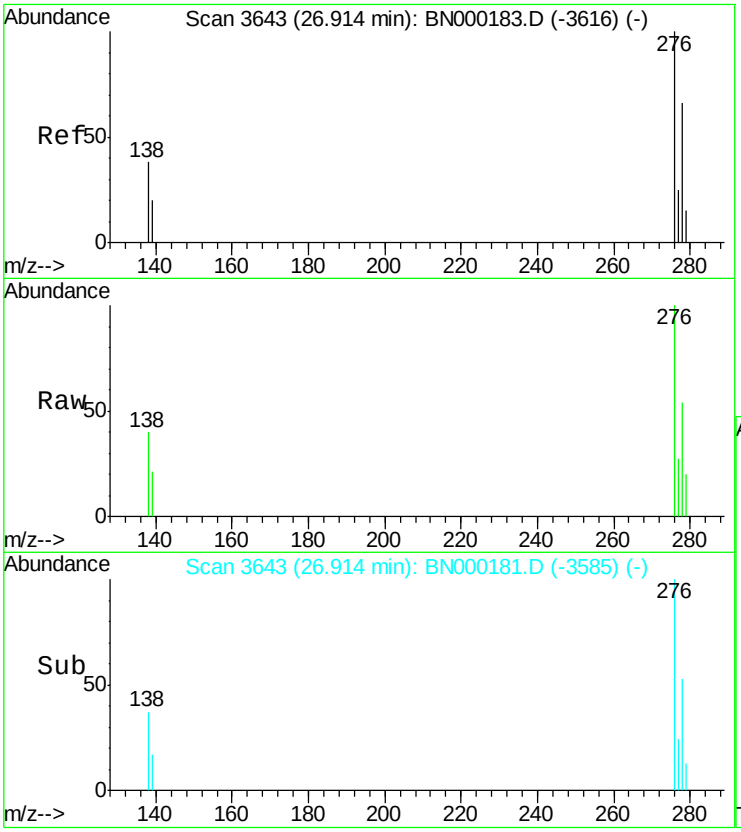




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.76 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:149 Resp: 2967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.4 | 20.0 | 30.0 |
| 279 | 3.0 | 1.6 | 2.4# |






#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.91 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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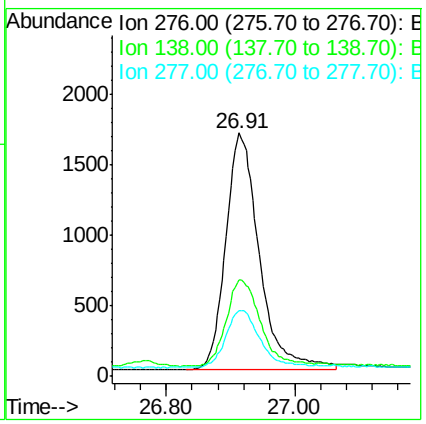
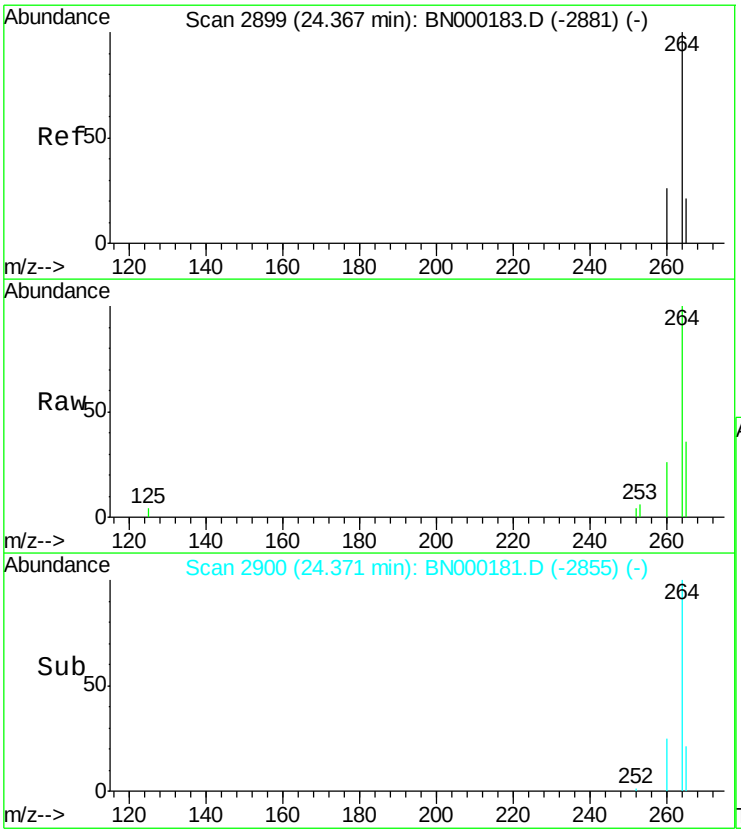
Tgt Ion:276 Resp: 6104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 37.0 | 22.5 | 33.7# |
| 277 | 24.3 | 19.9 | 29.9 |

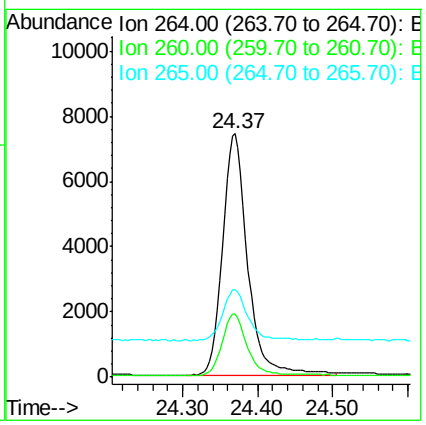


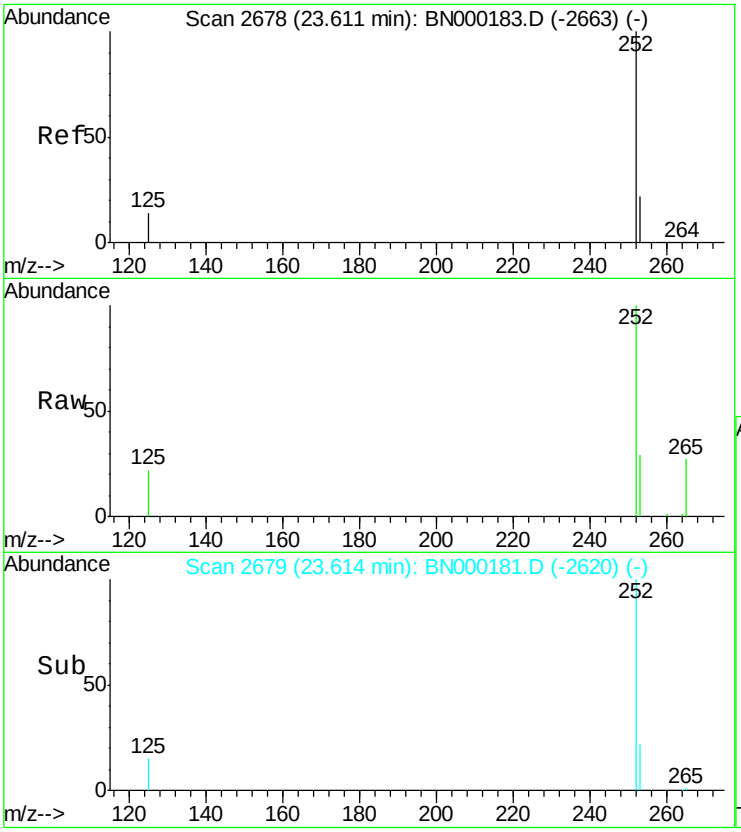




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:264 Resp: 16932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 20.5 | 30.7 |
| 265 | 36.0 | 22.8 | 34.2# |






#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.61 min Scan# 2679
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:252 Resp: 7538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.8 | 20.0 | 30.0 |
| 125 | 22.1 | 16.0 | 24.0 |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

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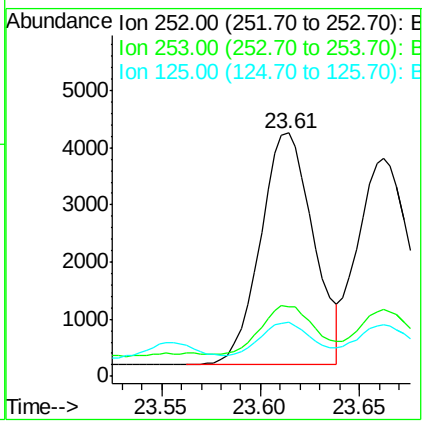
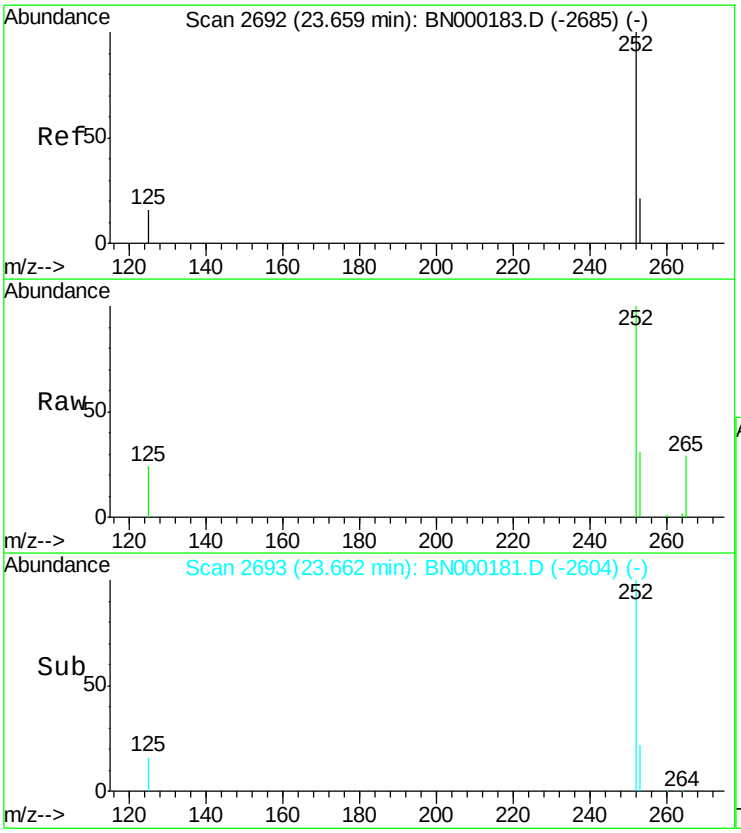
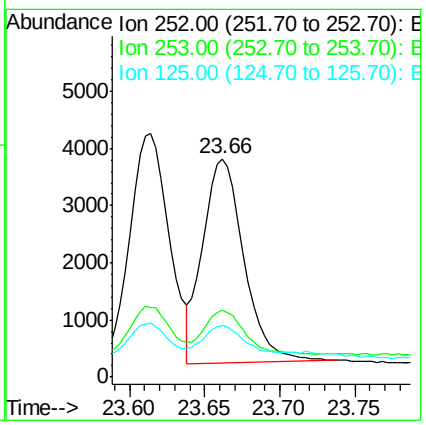


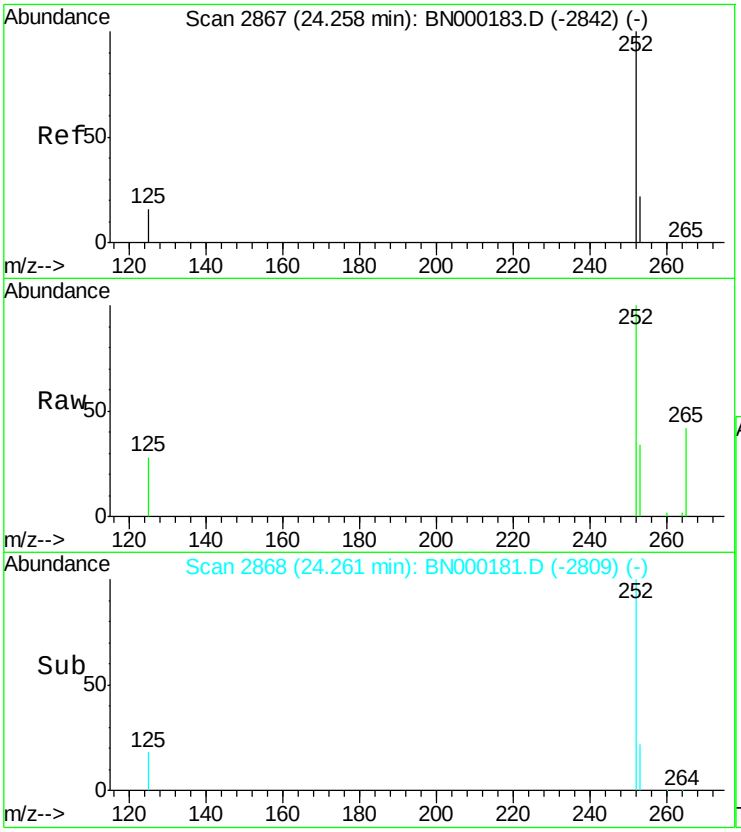




#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:252 Resp: 6783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.5 | 16.0 | 24.0# |
| 125 | 23.6 | 8.0 | 12.0# |






#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 24.26 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:252 Resp: 5709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.4 | 16.0 | 24.0# |
| 125 | 28.2 | 12.0 | 18.0# |

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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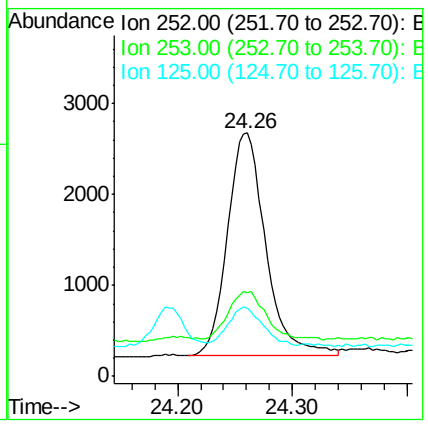
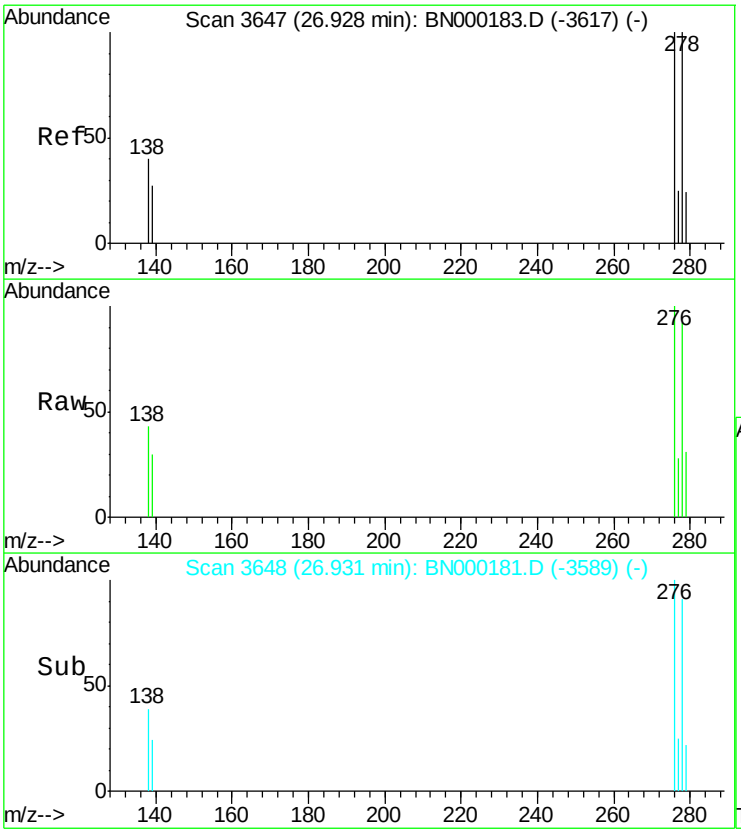
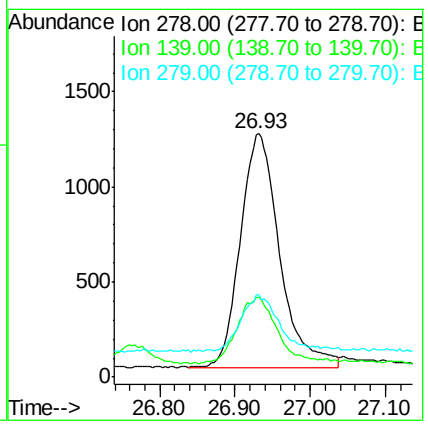


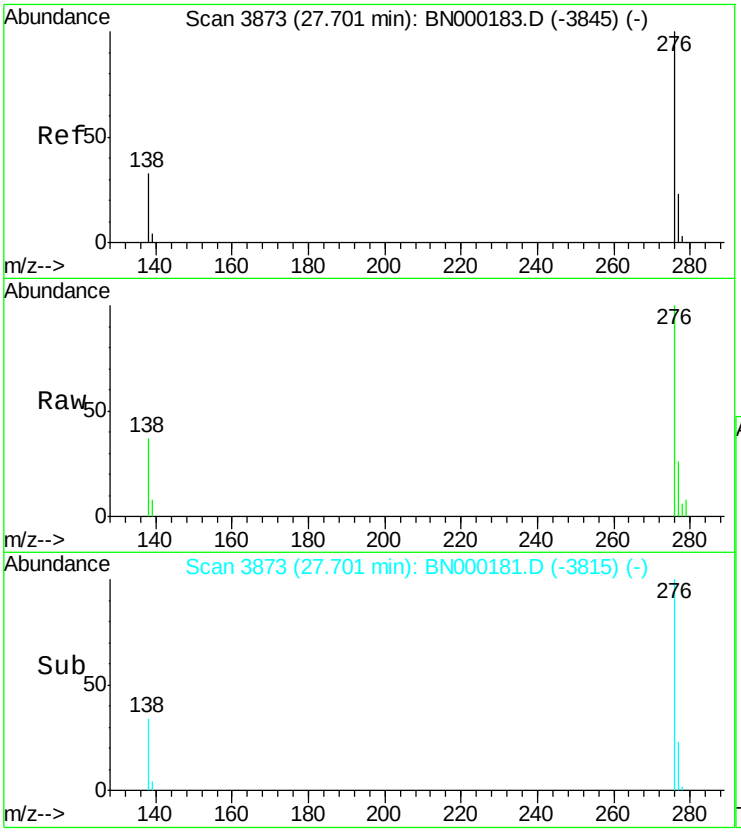




#38
Dibenzo(a,h)anthracene
Concen: 0.078 ng
RT: 26.93 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:278 Resp: 4354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 32.7 | 16.0 | 24.0# |
| 279 | 33.7 | 20.0 | 30.0# |

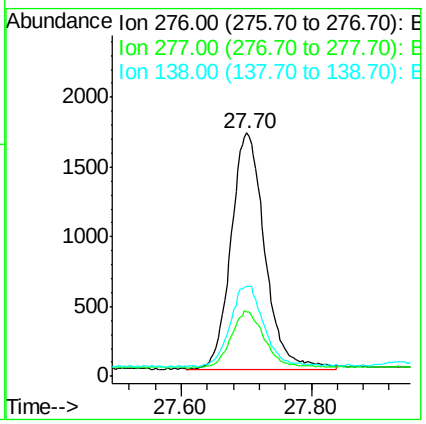





#39
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.70 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BN000181.D
Acq: 27 Feb 2018 09:16

Tgt Ion:276 Resp: 6108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.4 | 16.0 | 24.0# |
| 138 | 37.0 | 20.0 | 30.0# |




**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**
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