Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100481.D
Acq On : 22 Jul 2019 15:04
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Jul 22 16:45:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 2555 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 10713 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 7148 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 18524 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.38 | 240 | 21688 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.86 | 264 | 22975 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 10376 | 1.63 | ng | | 0.00 |
| 5) Phenol-d6 | 7.03 | 99 | 15054 | 1.69 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 14595 | 1.69 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 28773 | 1.67 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 5286 | 1.76 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 45682 | 1.55 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 412489 | 1.59 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.83 | 244 | 87205 | 1.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 5673 | 1.445 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 3973 | 1.751 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 12615 | 1.631 | ng | | 100 |
| 9) Naphthalene | 10.71 | 128 | 167694 | 1.636 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.00 | 225 | 7884 | 1.604 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.32 | 142 | 30262 | 1.693 | ng | | 99 |
| 16) Acenaphthylene | 14.21 | 152 | 54130 | 1.648 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 32143 | 1.609 | ng | | 98 |
| 18) Fluorene | 15.53 | 166 | 43421 | 1.634 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 14784 | 1.729 | ng | | 96 |
| 21) Hexachlorobenzene | 16.54 | 284 | 15112 | 1.696 | ng | | 97 |
| 22) Pentachlorophenol | 16.88 | 266 | 6545 | 1.814 | ng | | 96 |
| 23) Phenanthrene | 17.25 | 178 | 75167 | 1.640 | ng | | 100 |
| 24) Anthracene | 17.35 | 178 | 73120 | 1.708 | ng | | 99 |
| 26) Fluoranthene | 19.27 | 202 | 107345 | 1.576 | ng | | 99 |
| 28) Pyrene | 19.63 | 202 | 111836 | 1.754 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.37 | 228 | 111294 | 1.682 | ng | | 98 |
| 31) Chrysene | 21.41 | 228 | 107223 | 1.625 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 237037 | 1.614 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.48 | 276 | 117991 | 1.654 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 102598 | 1.616 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 110989 | 1.645 | ng | # | 89 |
| 37) Benzo(a)pyrene | 23.75 | 252 | 100559 | 1.642 | ng | # | 91 |
| 38) Dibenzo(a,h)anthracene | 26.51 | 278 | 95981 | 1.664 | ng | # | 92 |
| 39) Benzo(g,h,i)perylene | 27.29 | 276 | 97132 | 1.635 | ng | | 95 |

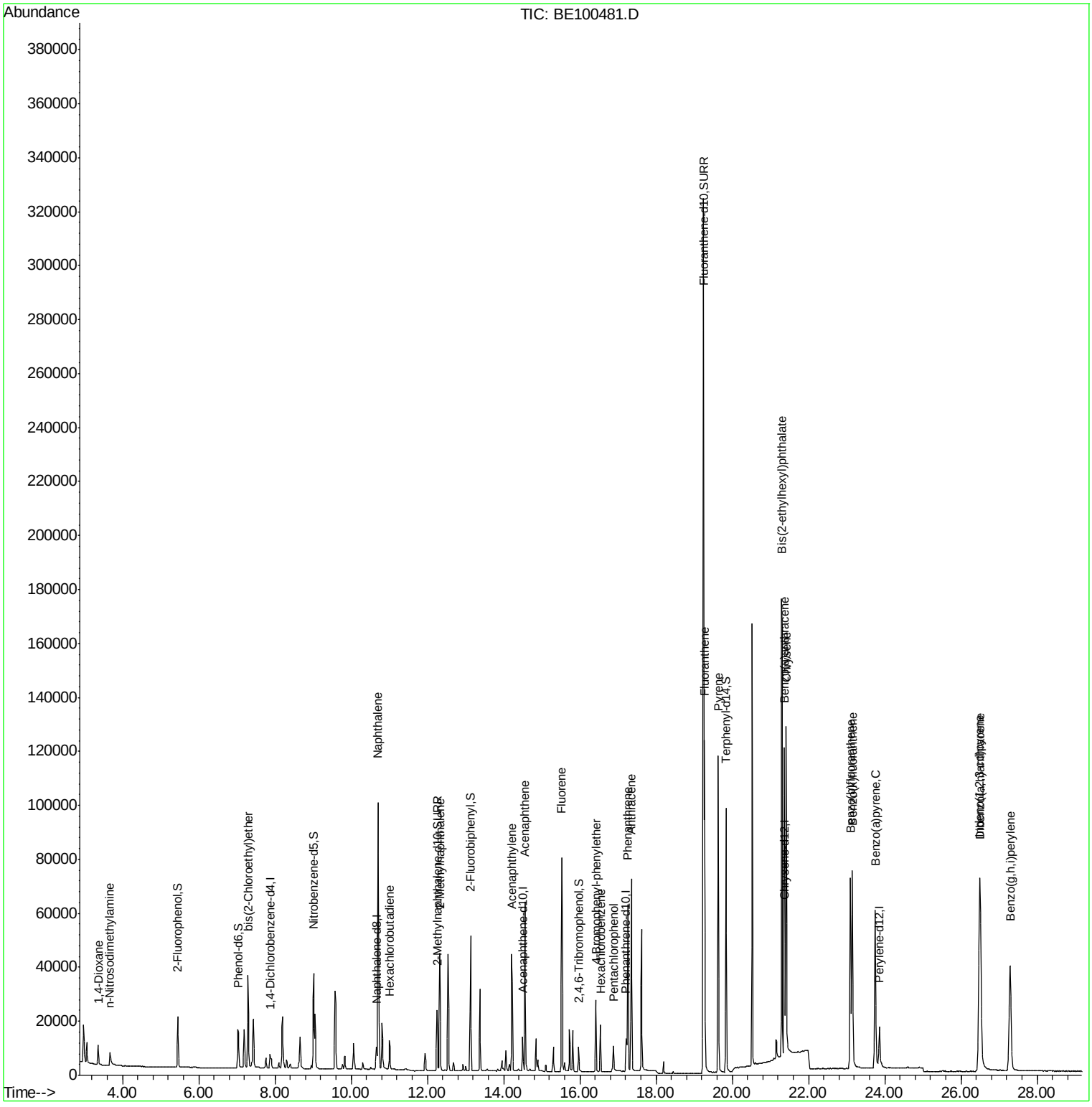
(#) = qualifier out of range (m) = manual integration (+) = signals summed

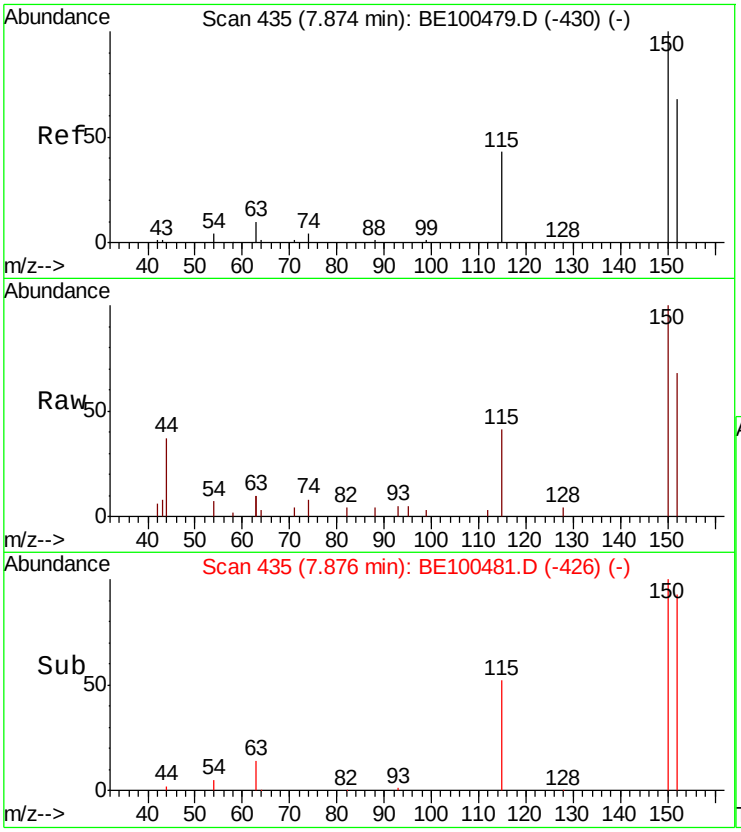
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100481.D
Acq On : 22 Jul 2019 15:04
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Jul 22 16:45:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration



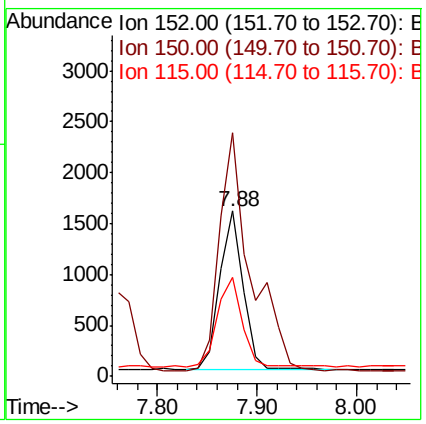


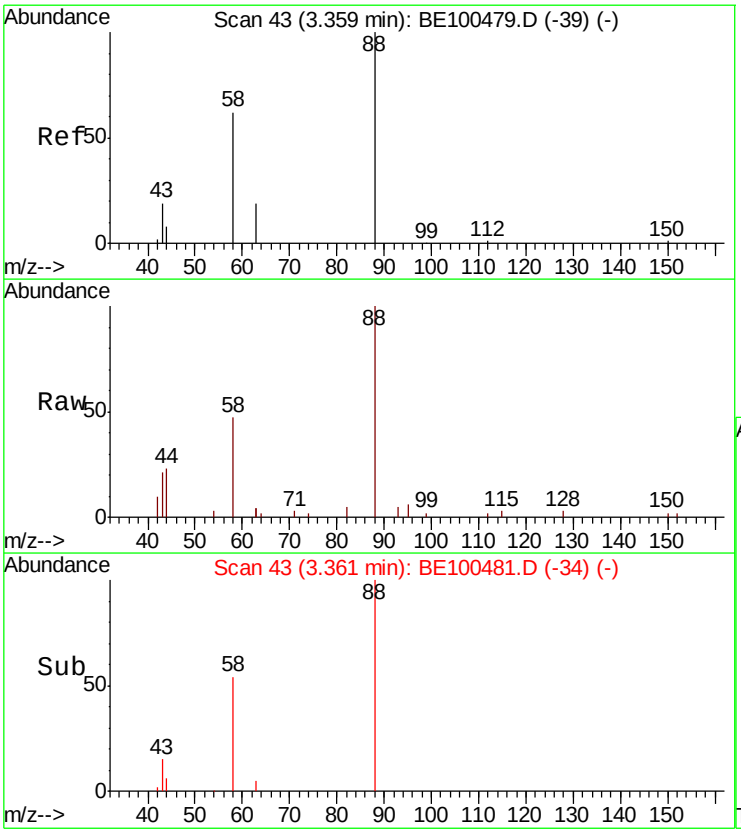

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 2555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.5 | 115.0 | 172.6 |
| 115 | 60.0 | 52.9 | 79.3 |

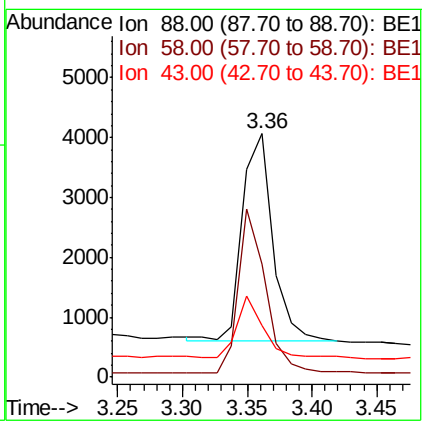


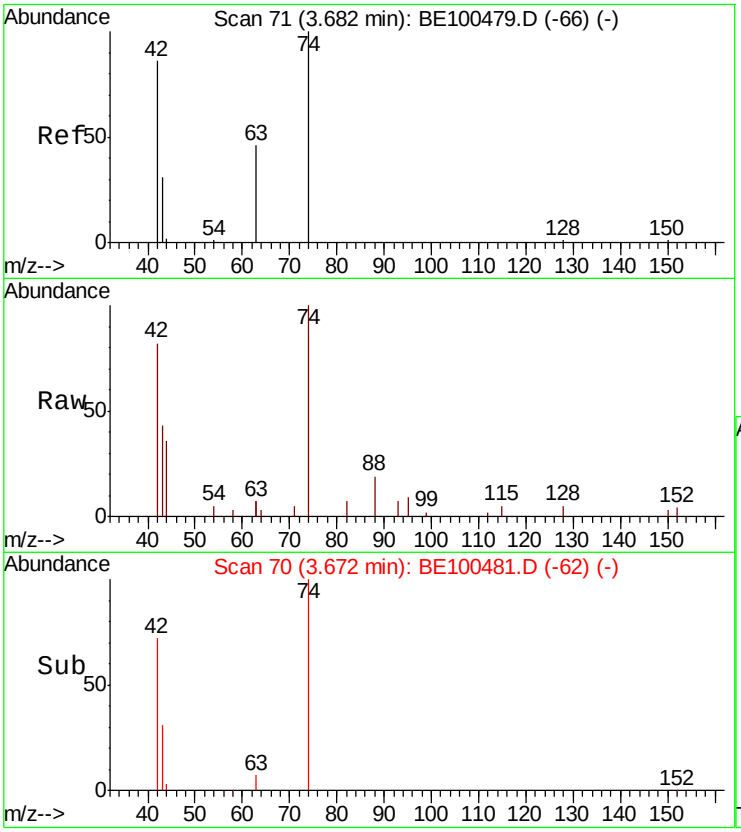




#2
1,4-Dioxane
Concen: 1.445 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion: 88 Resp: 5673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.7 | 53.2 | 79.8 |
| 43 | 24.6 | 20.8 | 31.2 |



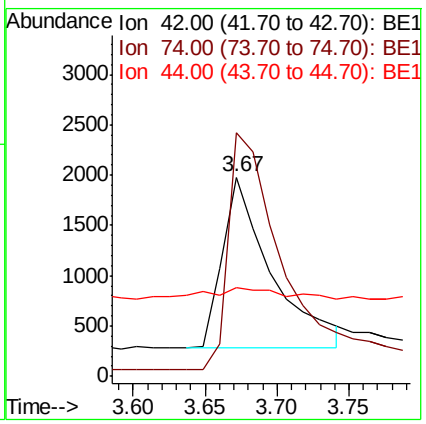


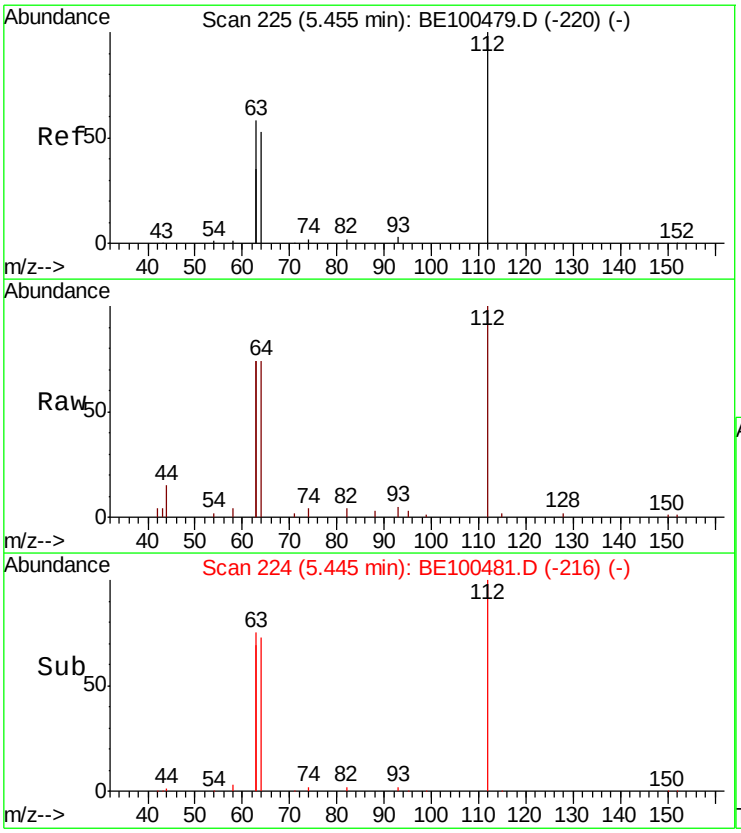

#3
n-Nitrosodimethylamine
Concen: 1.751 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 42 Resp: 3973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 149.6 | 0.0 | 0.0# |
| 44 | 10.5 | 9.6 | 14.4 |

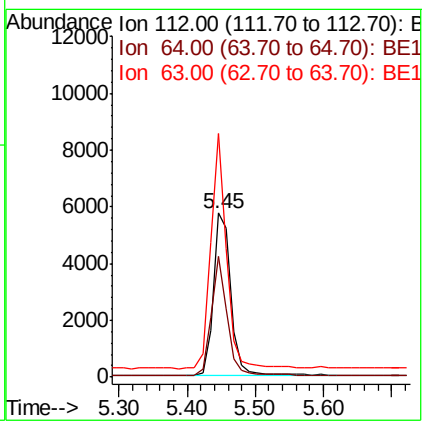


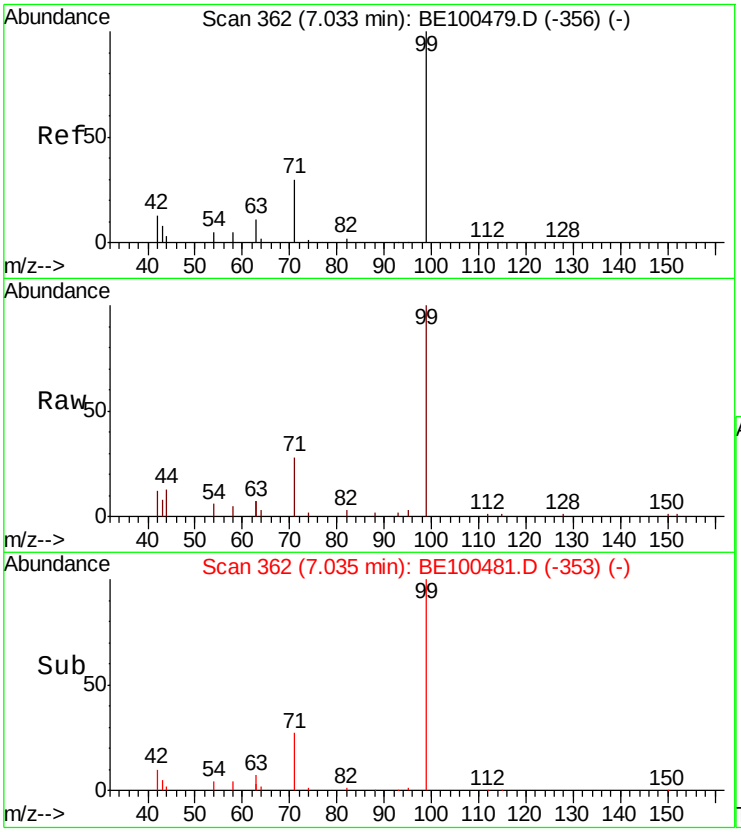




#4
2-Fluorophenol
Concen: 1.632 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:112 Resp: 10376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.3 | 54.1 | 81.1 |
| 63 | 129.3 | 104.6 | 157.0 |



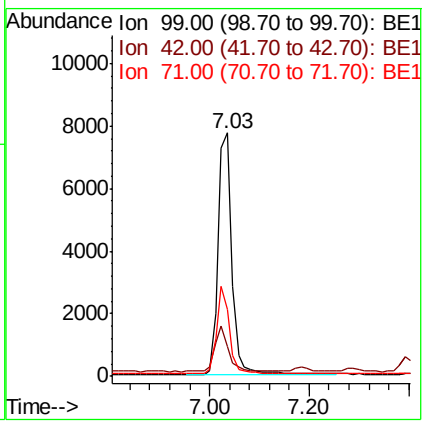


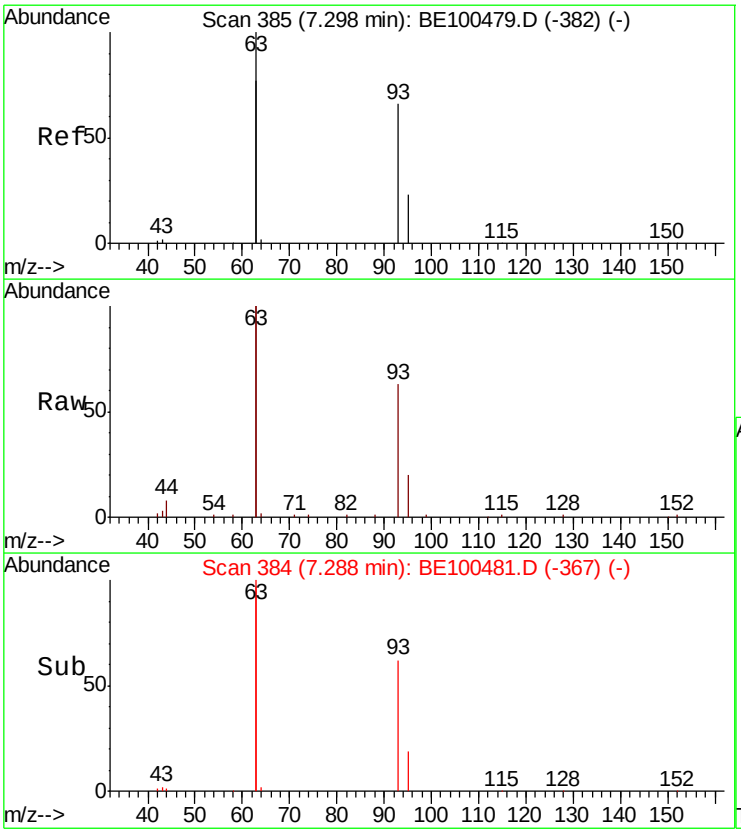

#5
Phenol-d6
Concen: 1.686 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 99 Resp: 15054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 14.5 | 21.7 |
| 71 | 32.9 | 26.4 | 39.6 |

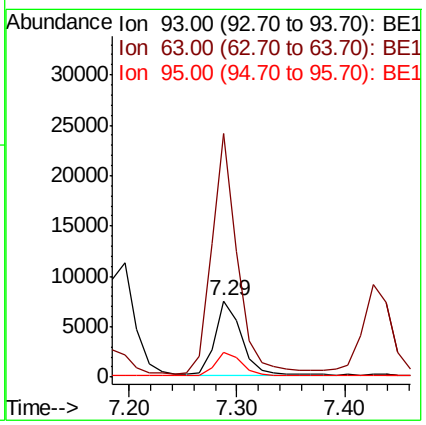


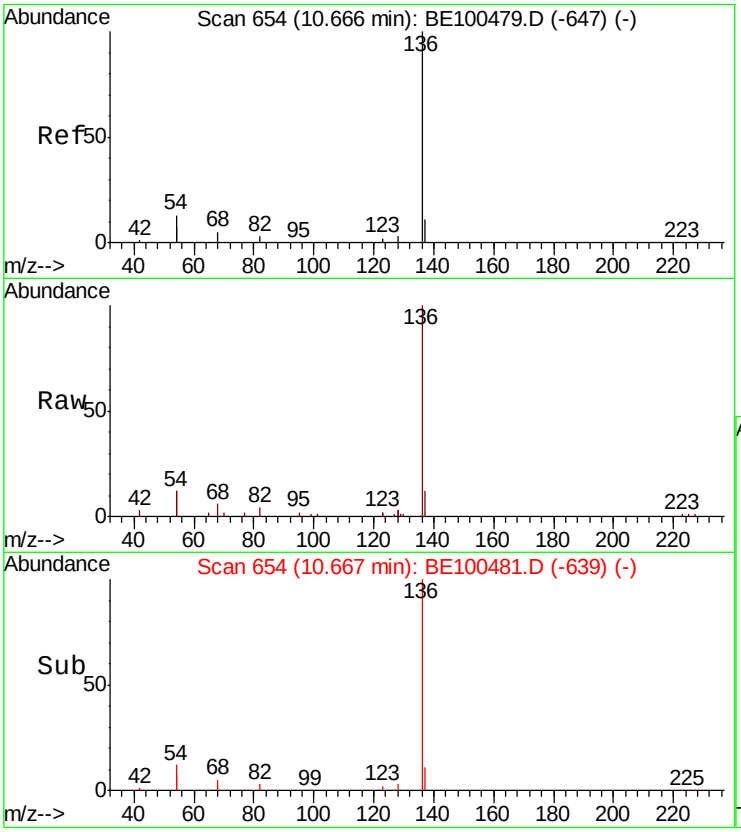




#6
bis(2-Chloroethyl)ether
Concen: 1.631 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion: 93 Resp: 12615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 309.9 | 248.3 | 372.5 |
| 95 | 32.3 | 25.4 | 38.0 |



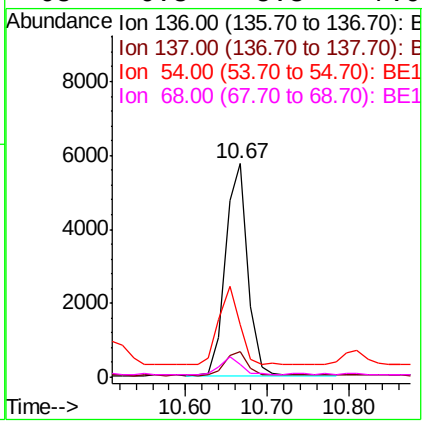


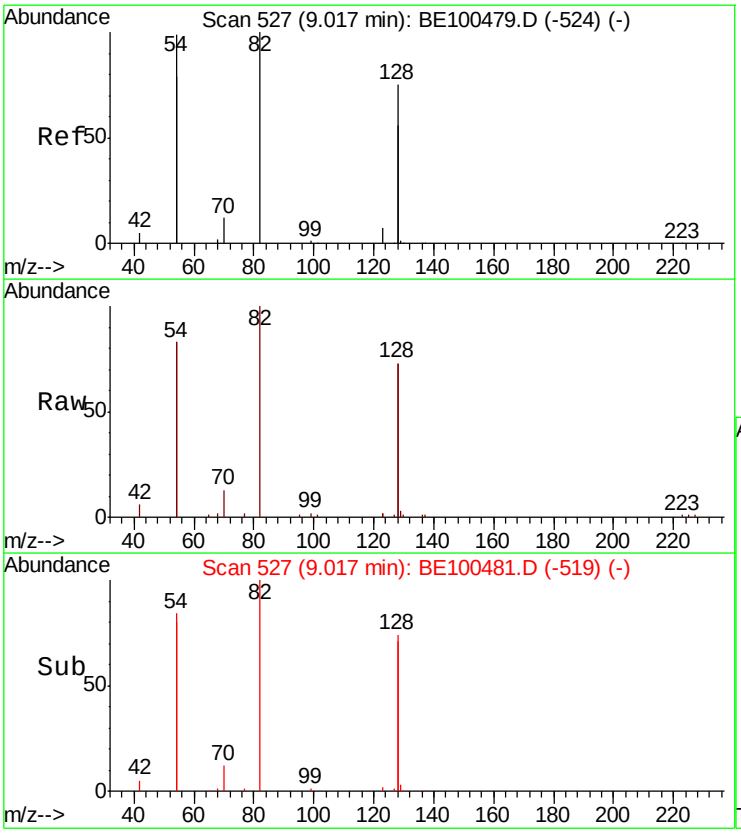

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:136 Resp: 10713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.8 | 14.6 |
| 54 | 24.3 | 20.6 | 31.0 |
| 68 | 6.3 | 5.3 | 7.9 |

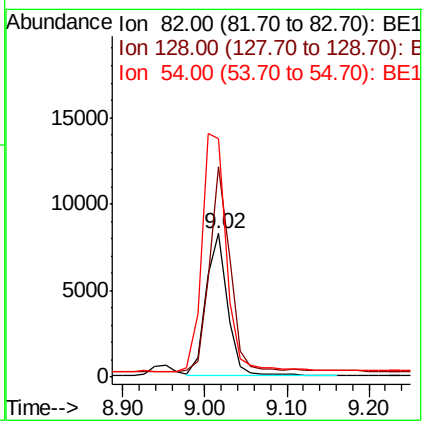


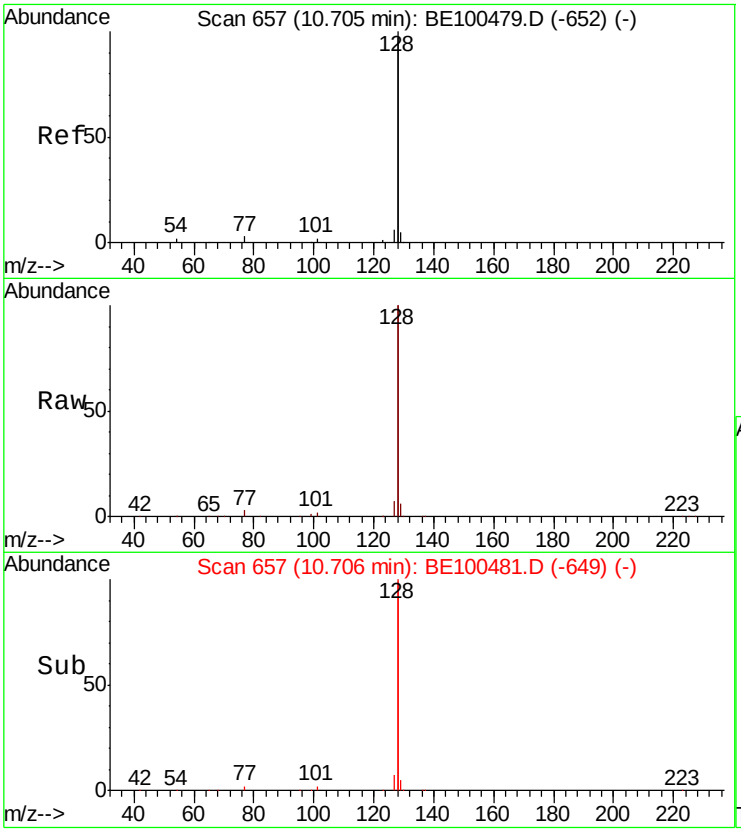




#8
Nitrobenzene-d5
Concen: 1.686 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion: 82 Resp: 14595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 146.9 | 113.6 | 170.4 |
| 54 | 166.0 | 150.6 | 226.0 |



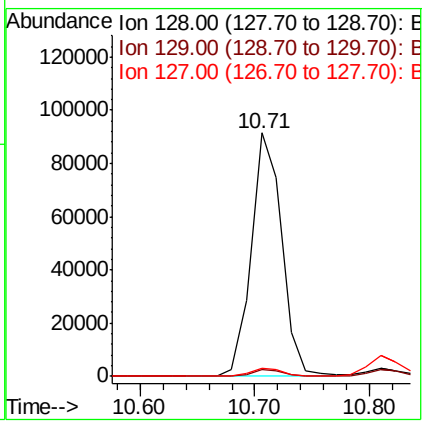


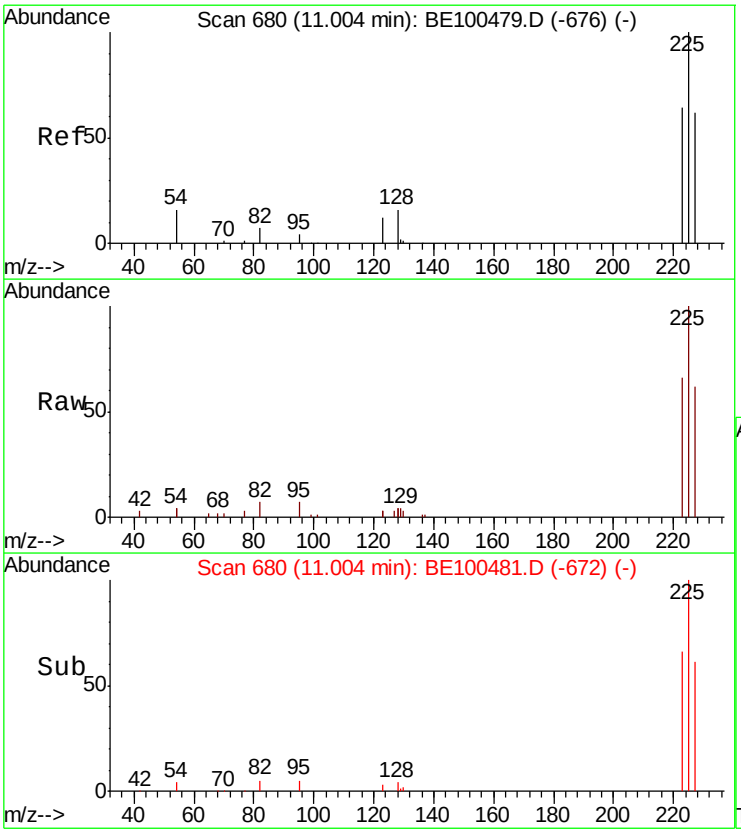

#9
Naphthalene
Concen: 1.636 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:128 Resp: 167694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.3 | 3.5 |
| 127 | 3.4 | 2.7 | 4.1 |

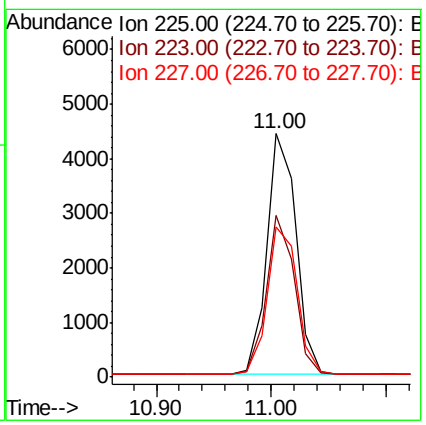


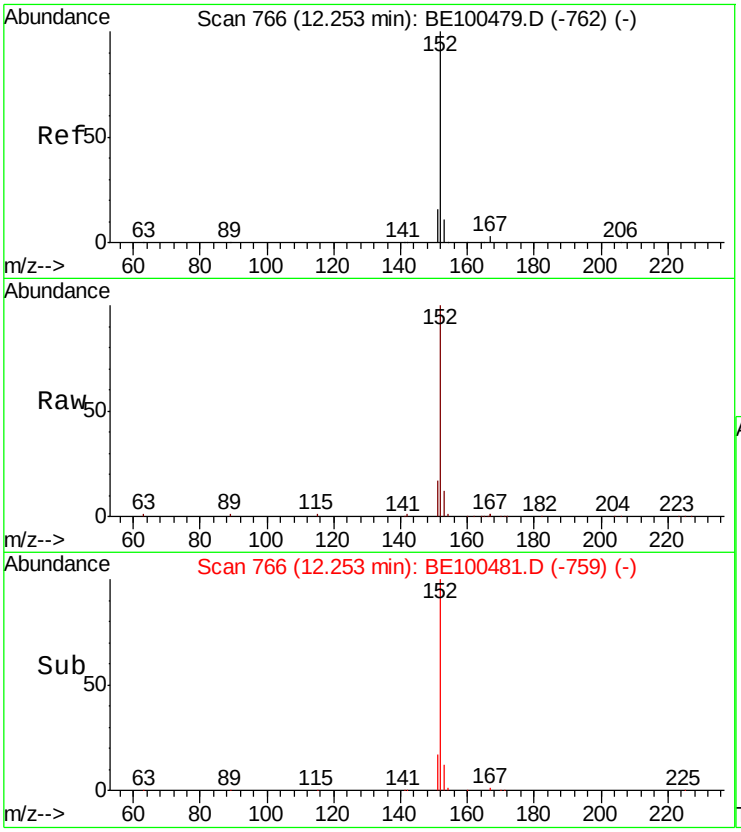




#10
Hexachlorobutadiene
Concen: 1.604 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:225 Resp: 7884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 49.4 | 74.0 |
| 227 | 63.0 | 51.4 | 77.2 |



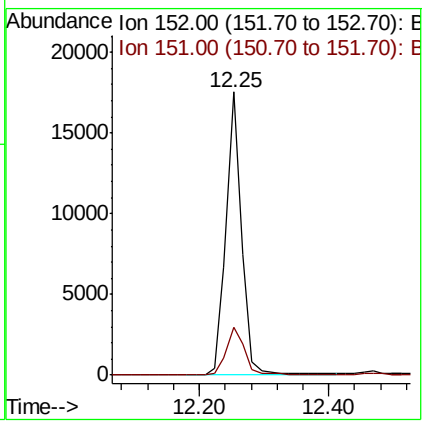


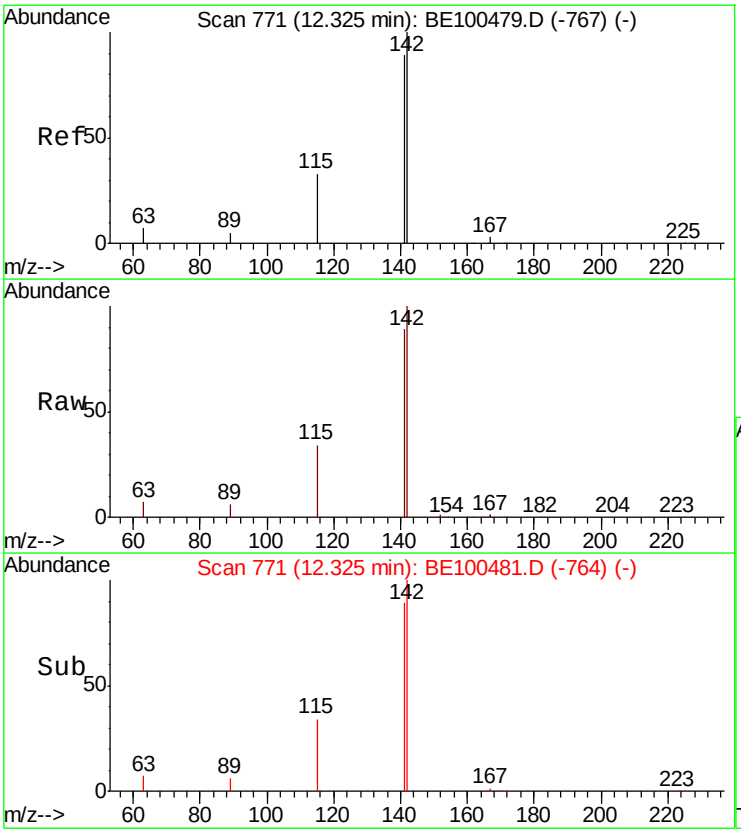

#11
2-Methylnaphthalene-d10
Concen: 1.672 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 28773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.1 | 22.7 |

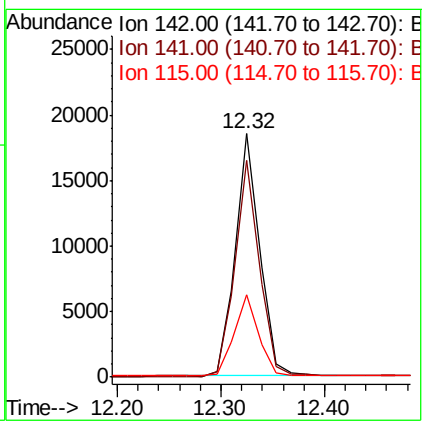


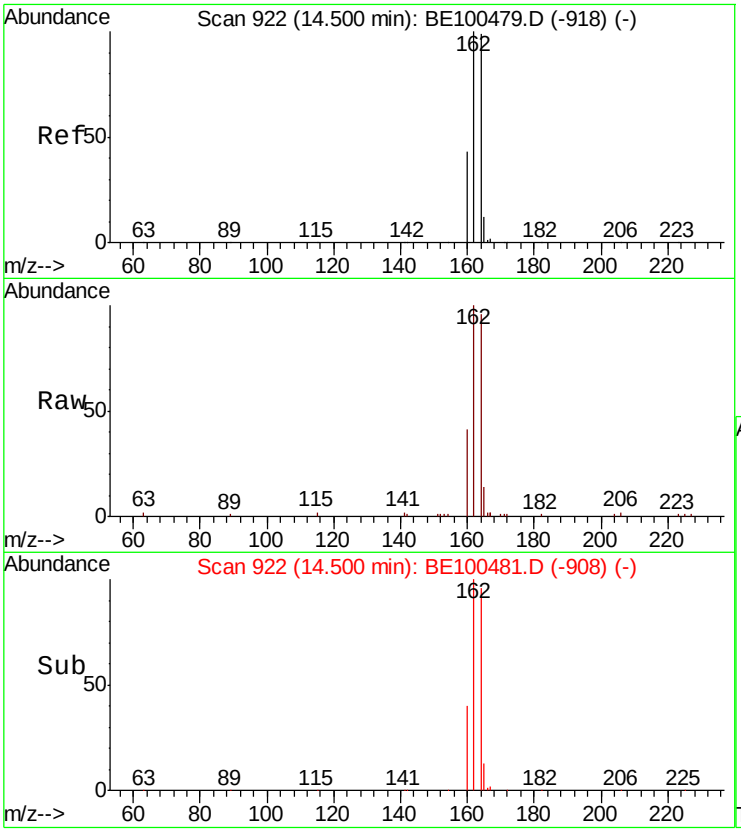




#12
2-Methylnaphthalene
Concen: 1.693 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:142 Resp: 30262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 71.7 | 107.5 |
| 115 | 34.0 | 27.8 | 41.6 |



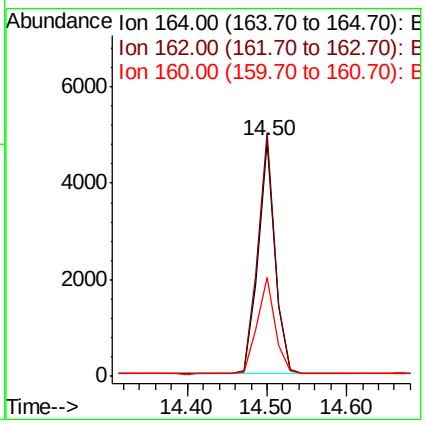


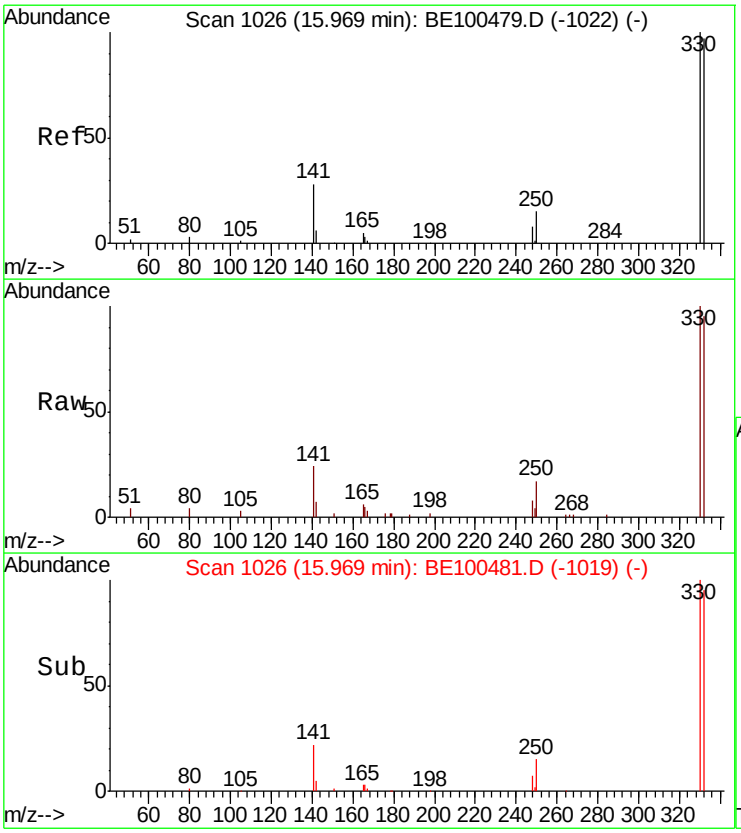

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:164 Resp: 7148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 80.8 | 121.2 |
| 160 | 42.3 | 34.9 | 52.3 |

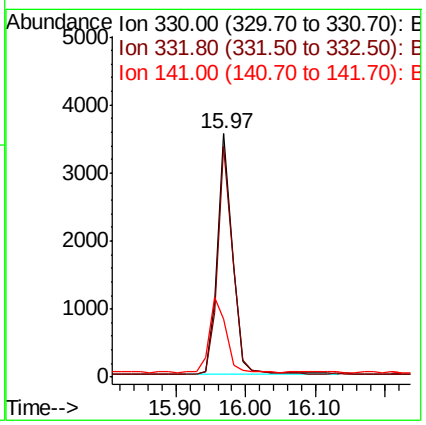


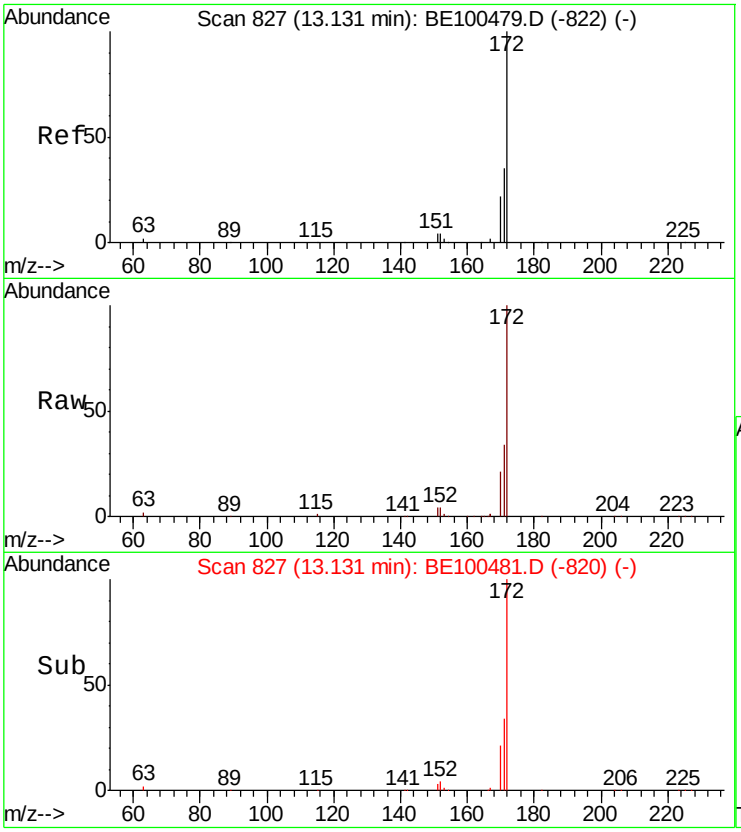




#14
2,4,6-Tribromophenol
Concen: 1.761 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:330 Resp: 5286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 80.5 | 120.7 |
| 141 | 34.8 | 29.9 | 44.9 |



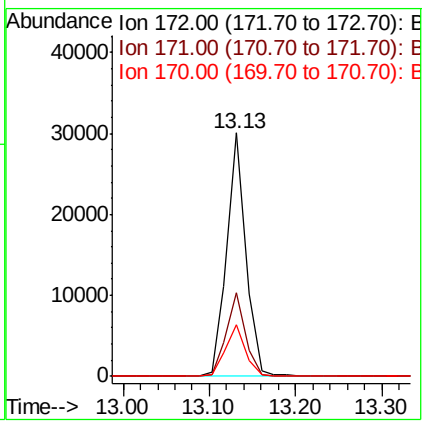


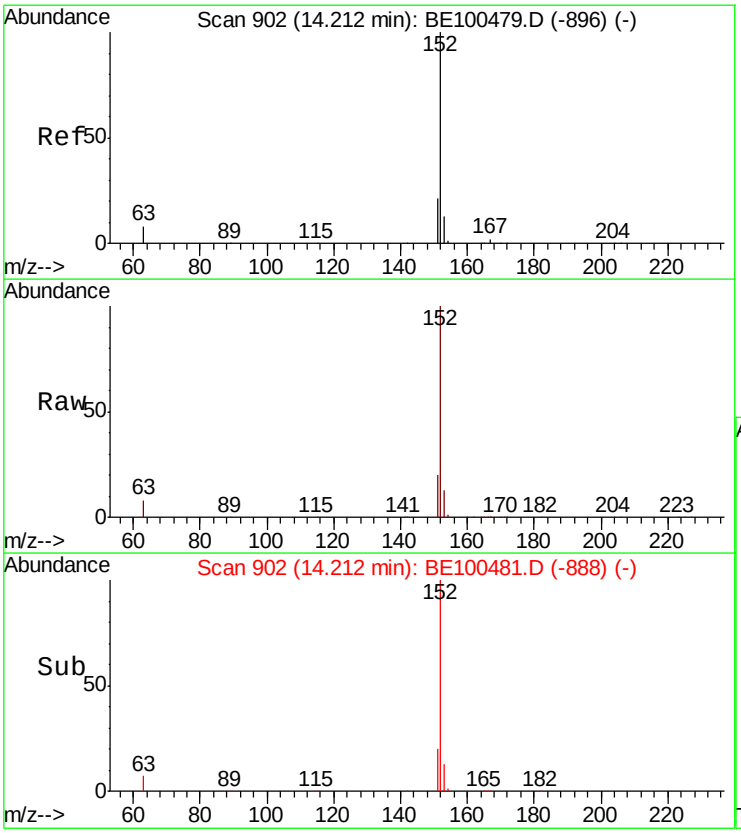

#15
2-Fluorobiphenyl
Concen: 1.553 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:172 Resp: 45682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 28.2 | 42.2 |
| 170 | 21.0 | 17.8 | 26.8 |

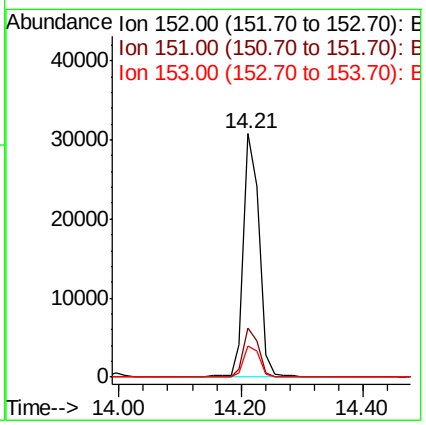


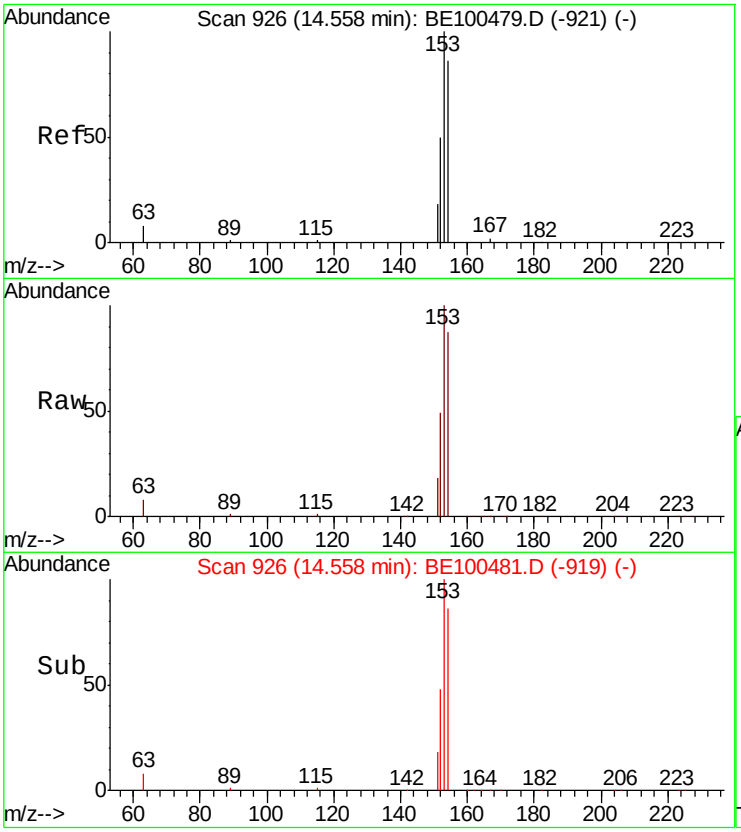




#16
Acenaphthylene
Concen: 1.648 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:152 Resp: 54130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 16.1 | 24.1 |
| 153 | 13.0 | 10.6 | 16.0 |



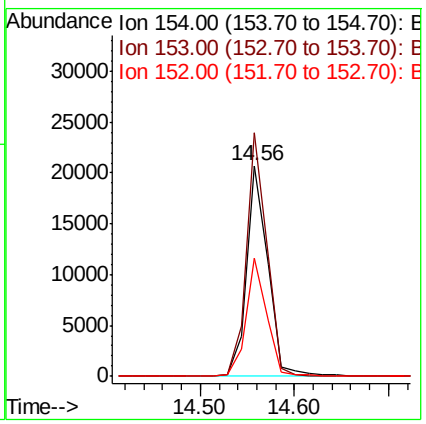


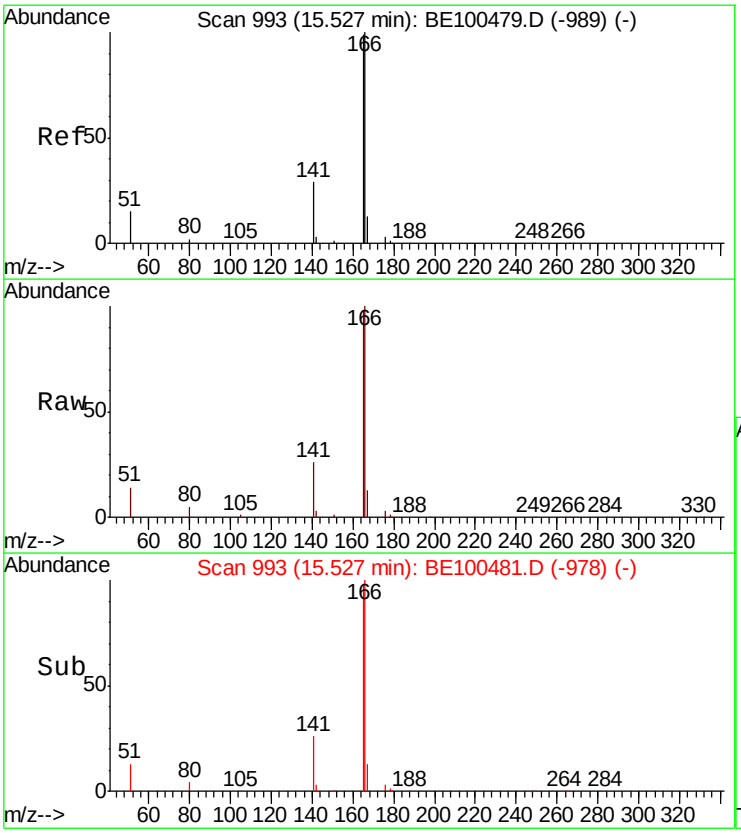

#17
Acenaphthene
Concen: 1.609 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:154 Resp: 32143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.8 | 136.2 |
| 152 | 54.0 | 45.1 | 67.7 |

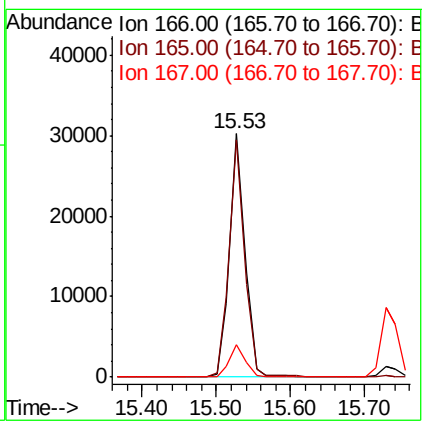


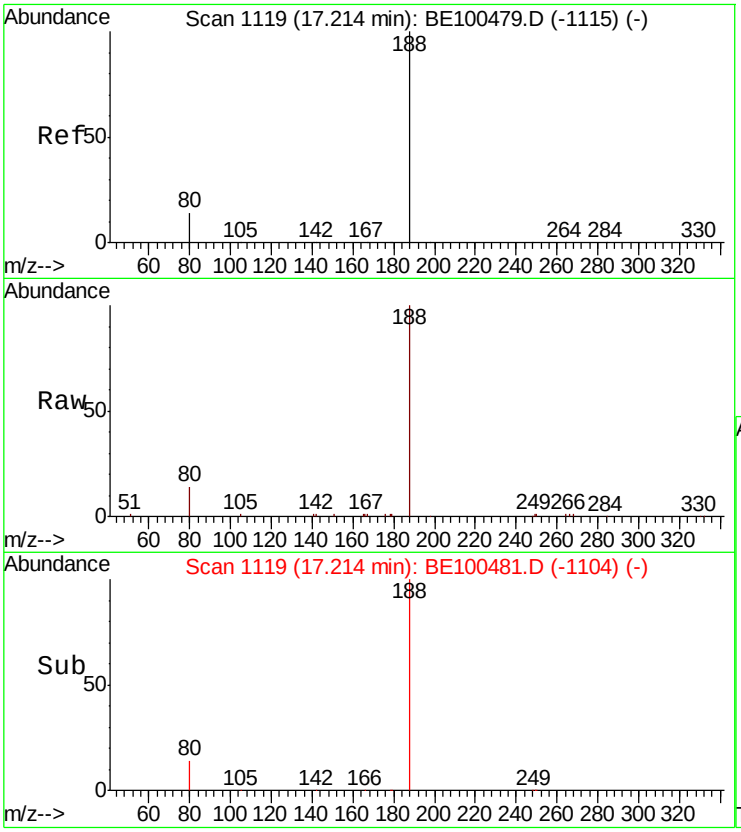




#18
Fluorene
Concen: 1.634 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:166 Resp: 43421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.7 | 78.3 | 117.5 |
| 167 | 13.3 | 10.9 | 16.3 |



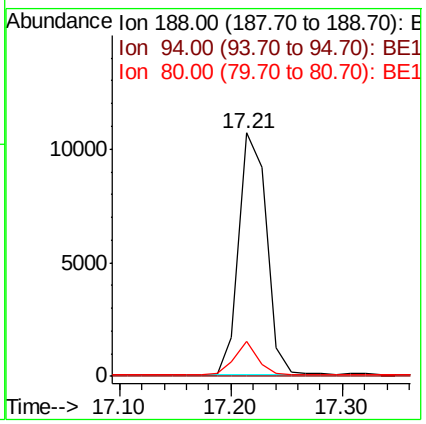


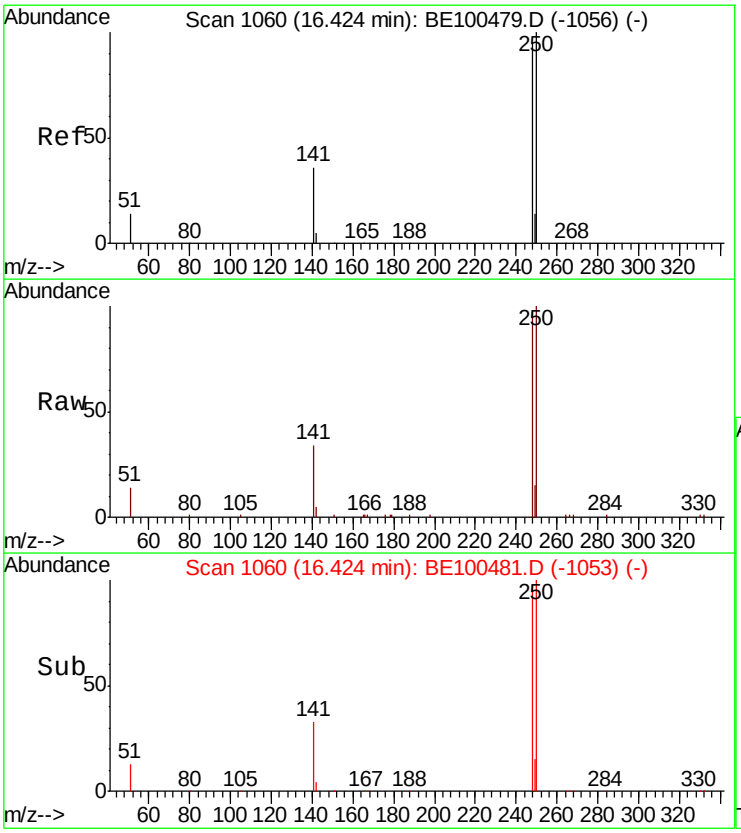

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:188 Resp: 18524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 14.3 | 11.9 | 17.9 |

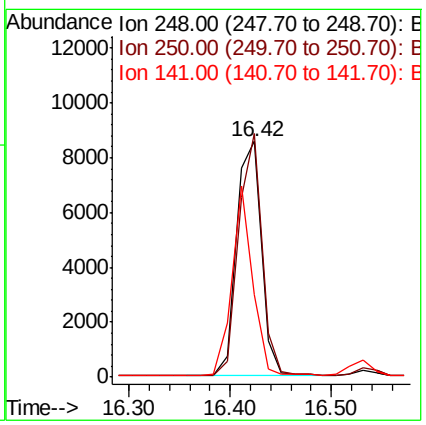


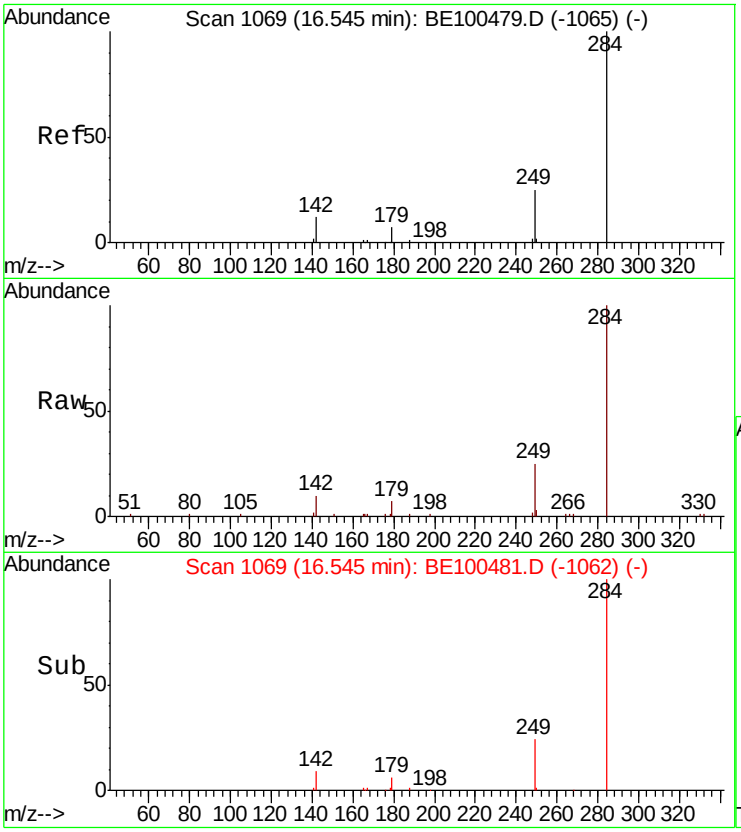




#20
4-Bromophenyl-phenylether
Concen: 1.729 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:248 Resp: 14784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 103.3 | 84.4 | 126.6 |
| 141 | 34.9 | 32.2 | 48.2 |



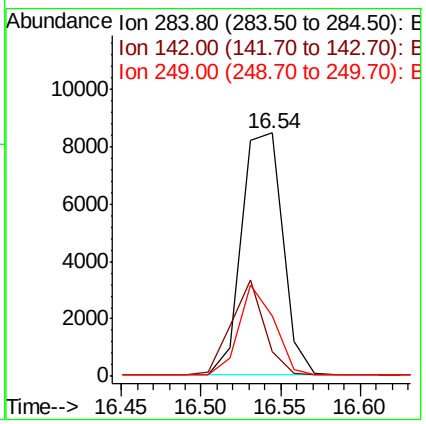


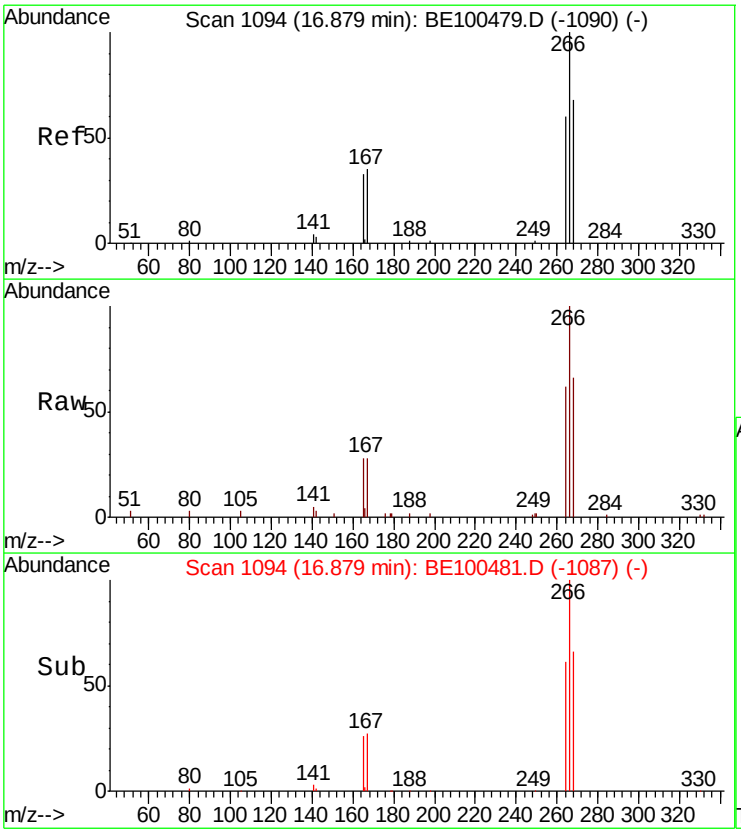

#21
Hexachlorobenzene
Concen: 1.696 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:284 Resp: 15112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.3 | 26.7 | 40.1 |
| 249 | 31.9 | 25.0 | 37.4 |

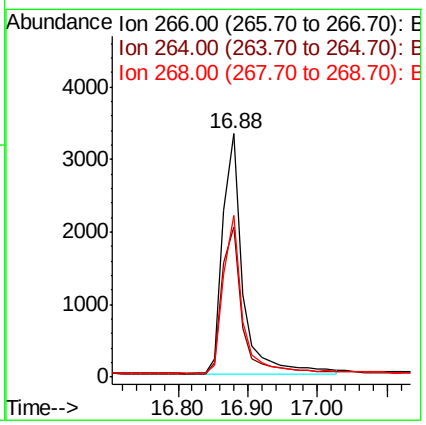


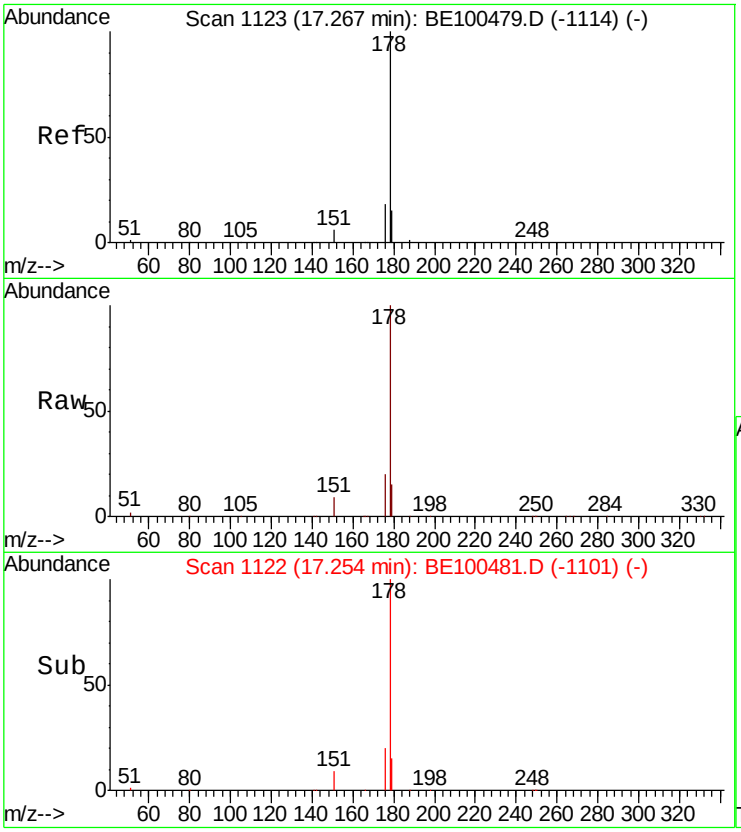




#22
Pentachlorophenol
Concen: 1.814 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:266 Resp: 6545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 61.8 | 50.4 | 75.6 |
| 268 | 66.5 | 56.6 | 85.0 |



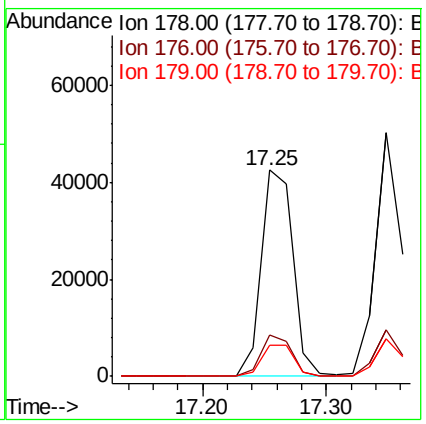


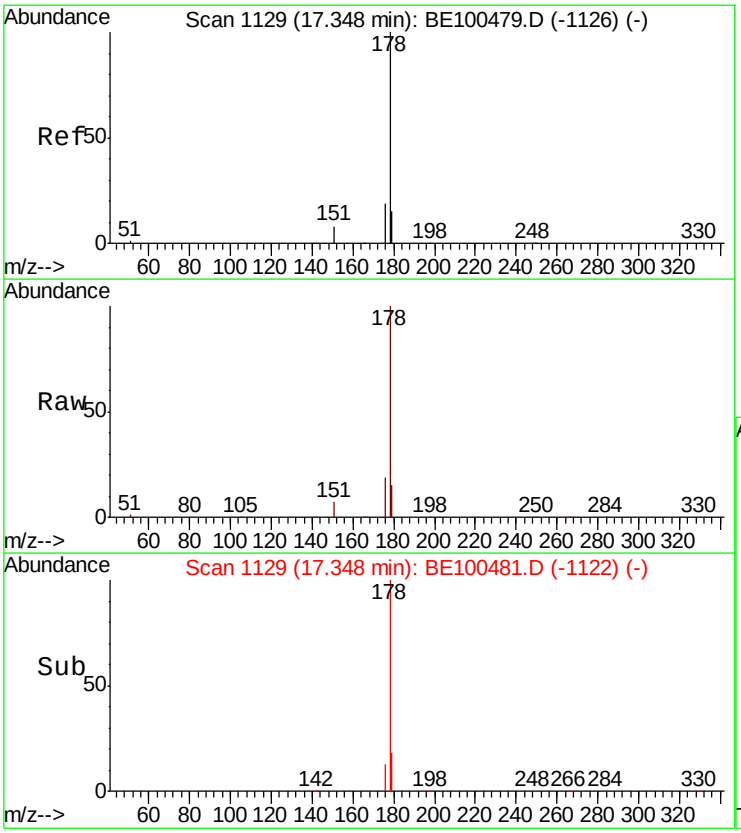

#23
Phenanthrene
Concen: 1.640 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:178 Resp: 75167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 18.8 |

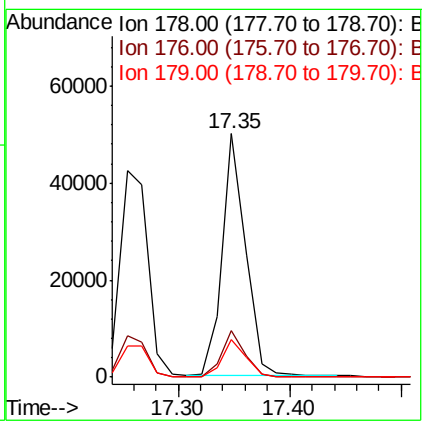


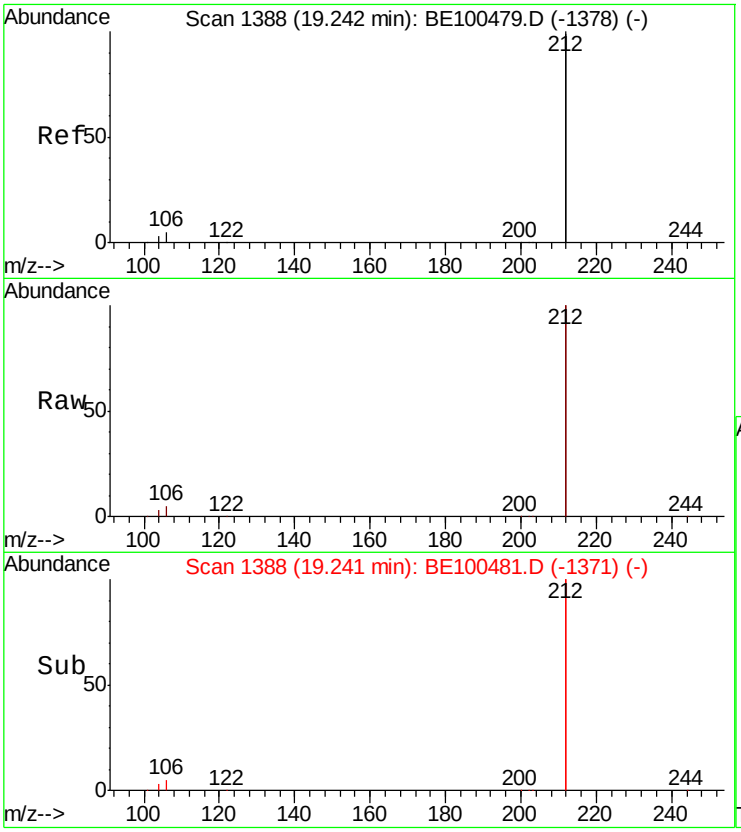




#24
Anthracene
Concen: 1.708 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:178 Resp: 73120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.3 | 22.9 |
| 179 | 15.2 | 12.2 | 18.2 |



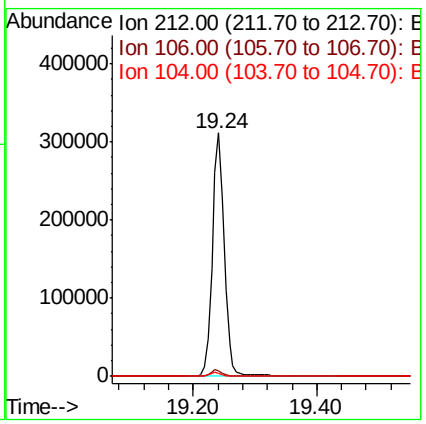


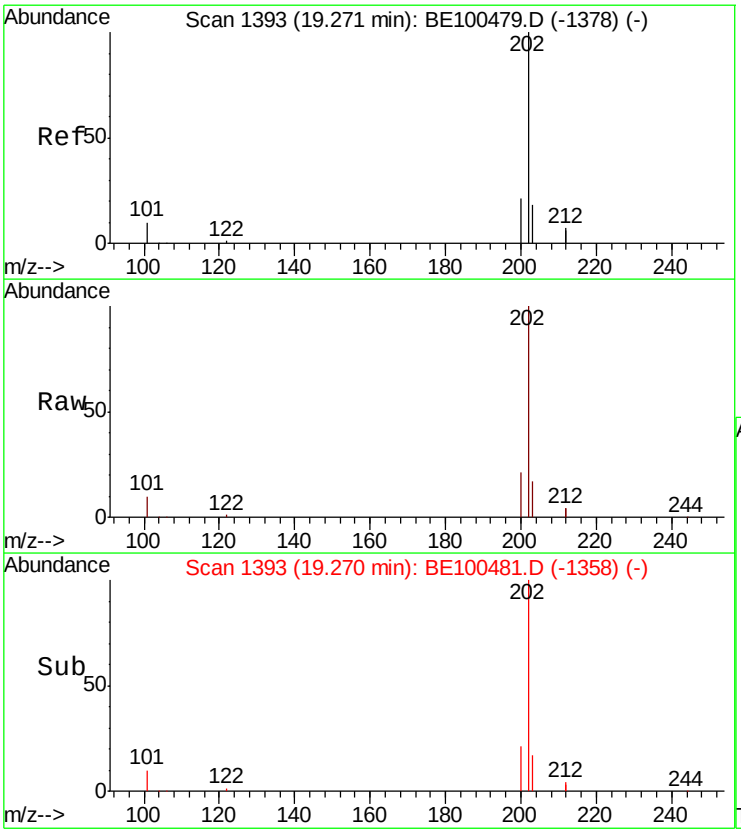

#25
Fluoranthene-d10
Concen: 1.590 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:212 Resp: 412489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.8 | 2.2 | 3.4 |
| 104 | 1.5 | 1.2 | 1.8 |

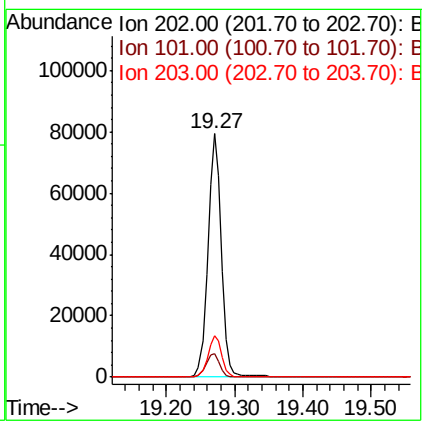


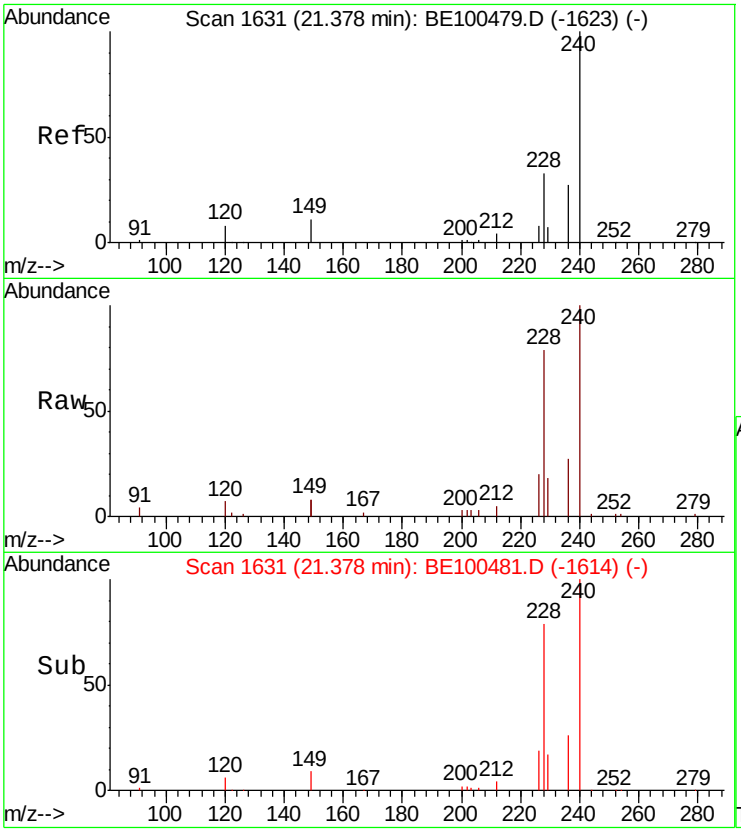




#26
Fluoranthene
Concen: 1.576 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:202 Resp: 107345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.3 | 8.0 | 12.0 |
| 203 | 17.3 | 13.5 | 20.3 |



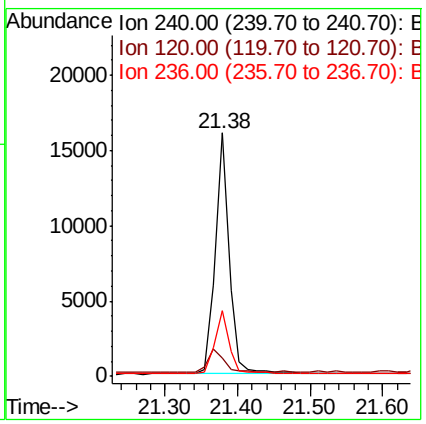


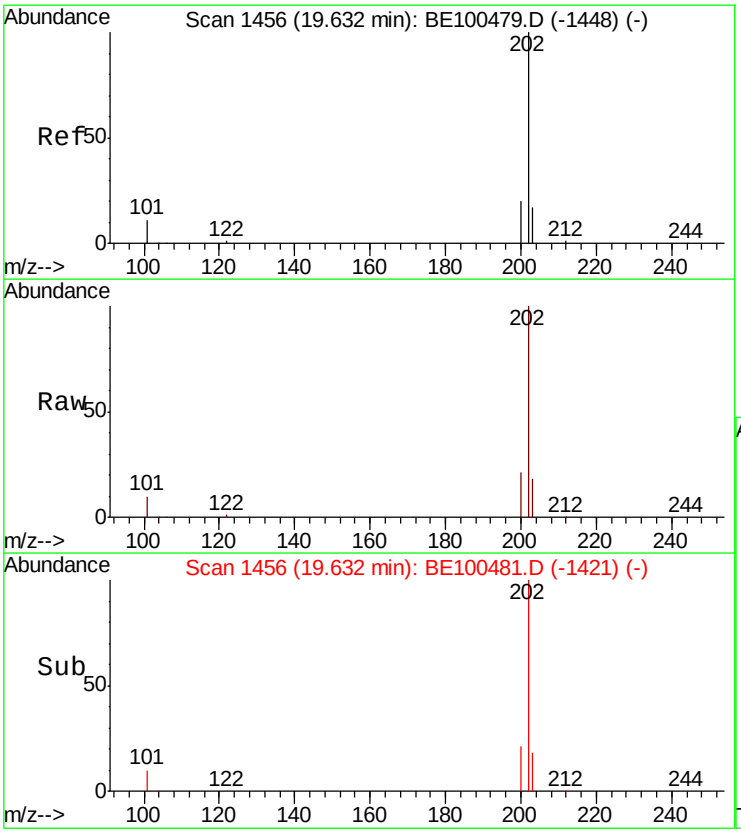

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:240 Resp: 21688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 8.2 | 12.2# |
| 236 | 27.2 | 22.6 | 34.0 |

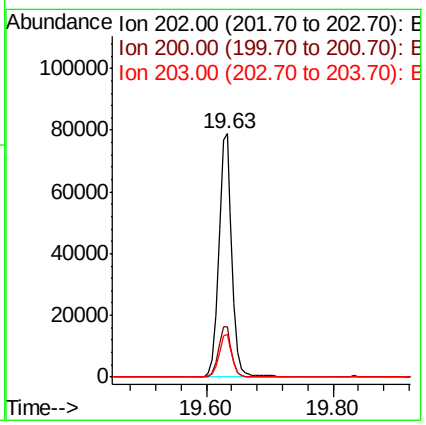


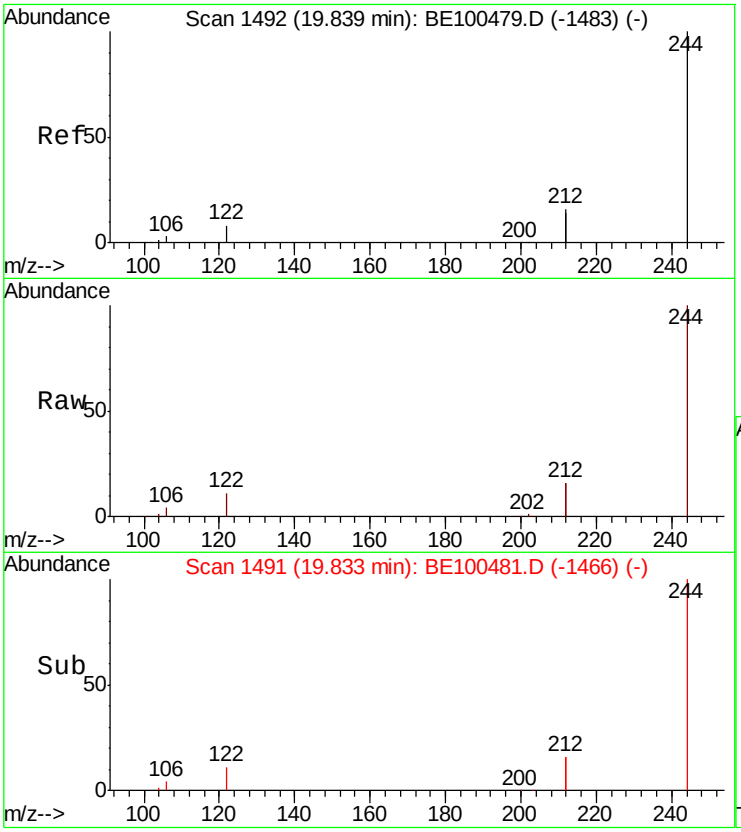




#28
Pyrene
Concen: 1.754 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:202 Resp: 111836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.6 | 24.8 |
| 203 | 17.6 | 14.1 | 21.1 |



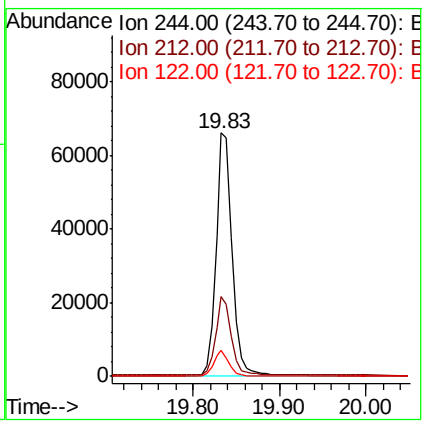


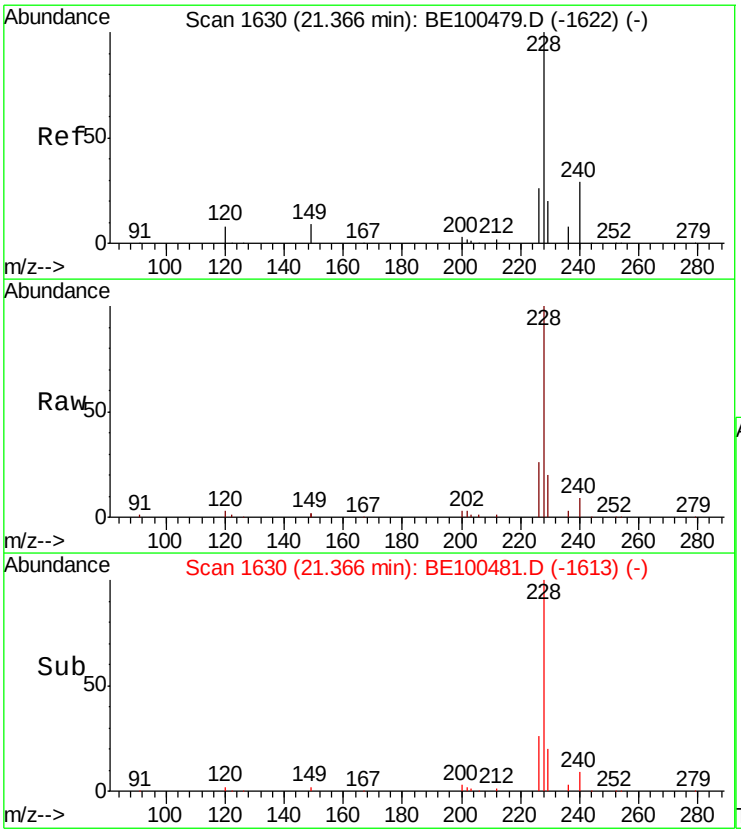

#29
Terphenyl-d14
Concen: 1.744 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:244 Resp: 87205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.5 | 25.6 | 38.4 |
| 122 | 10.8 | 7.2 | 10.8# |

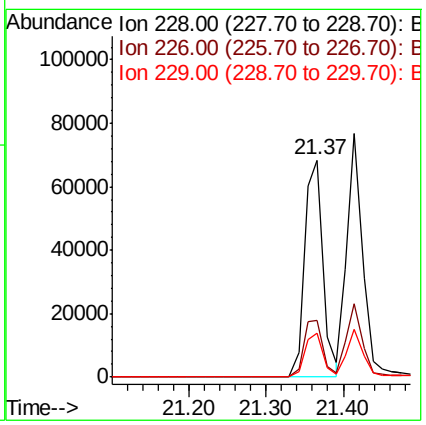


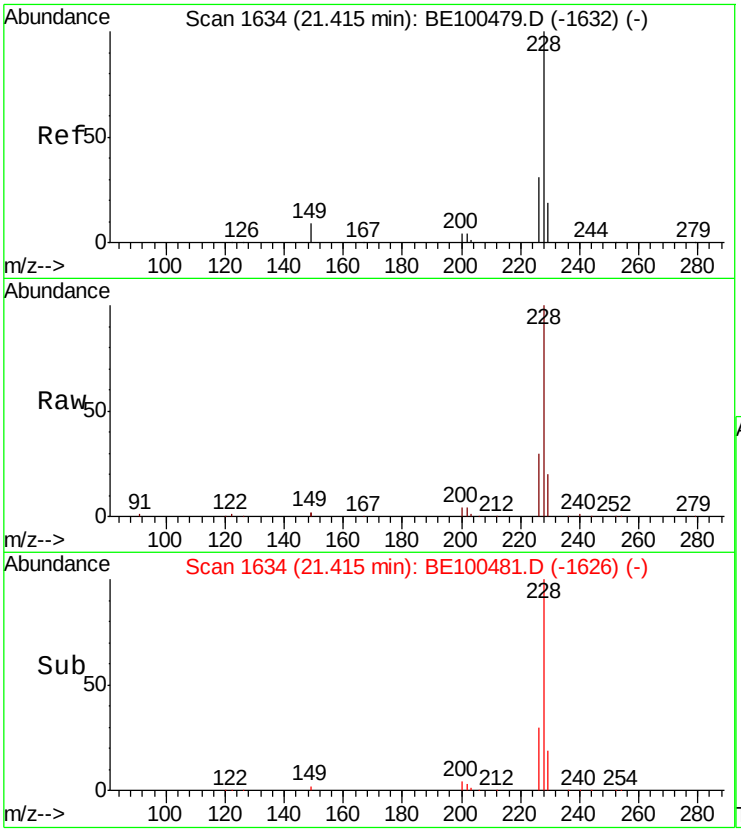




#30
Benzo(a)anthracene
Concen: 1.682 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:228 Resp: 111294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.3 | 21.4 | 32.2 |
| 229 | 20.4 | 17.3 | 25.9 |



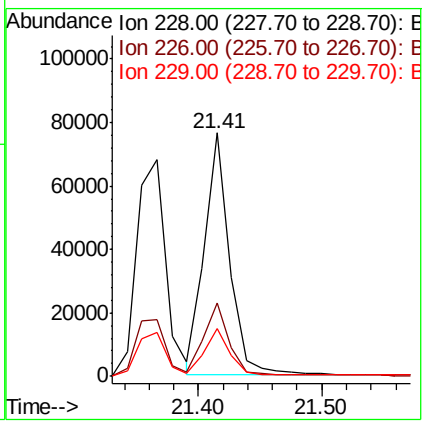


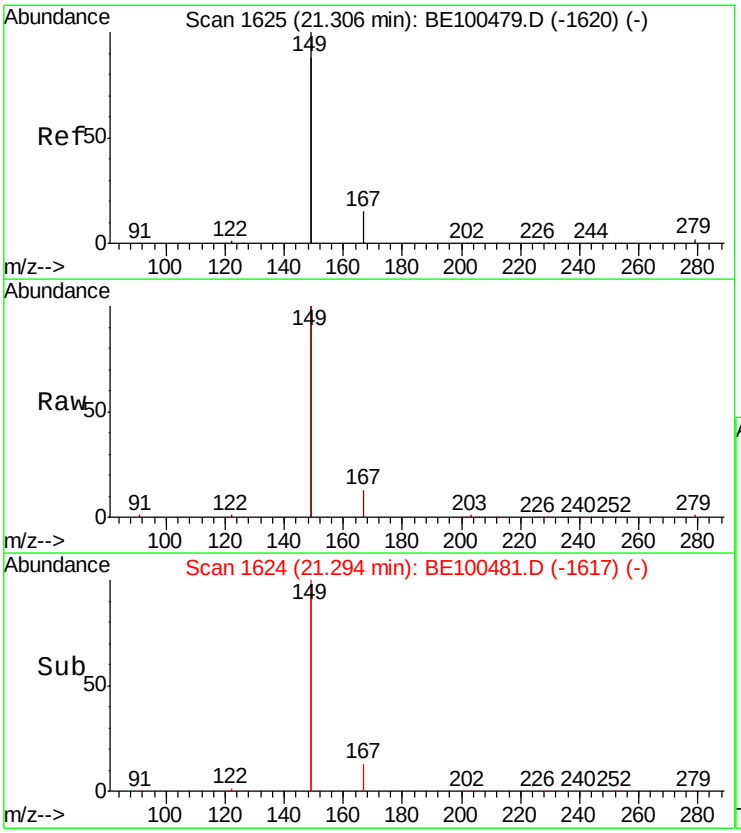

#31
Chrysene
Concen: 1.625 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 107223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 25.0 | 37.6 |
| 229 | 19.7 | 16.7 | 25.1 |

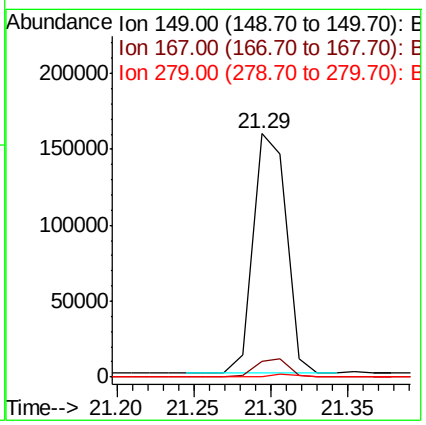


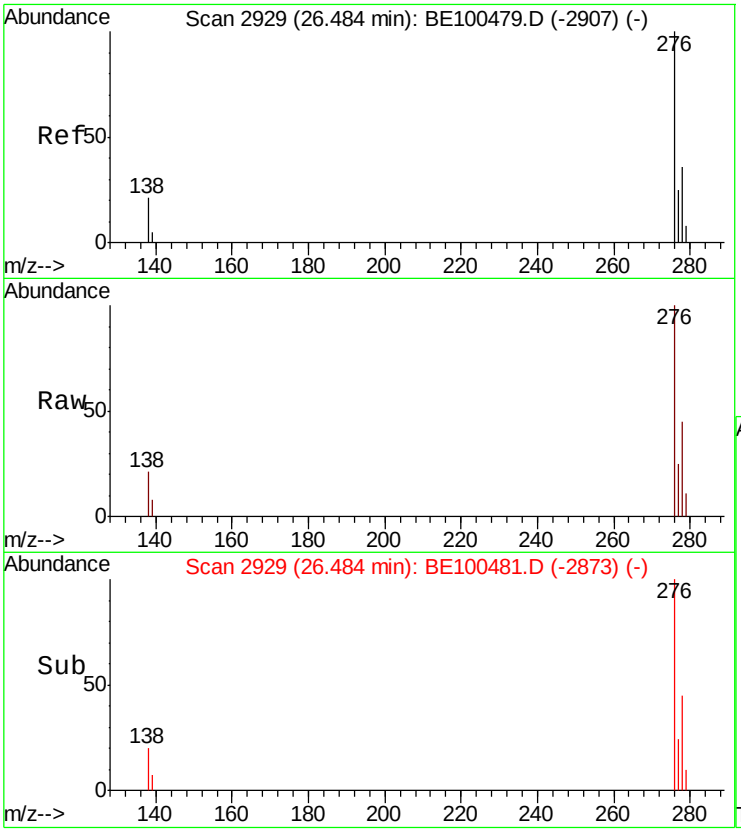




#32
Bis(2-ethylhexyl)phthalate
Concen: 1.614 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:149 Resp: 237037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.4 | 5.9 | 8.9 |
| 279 | 1.0 | 1.0 | 1.6# |



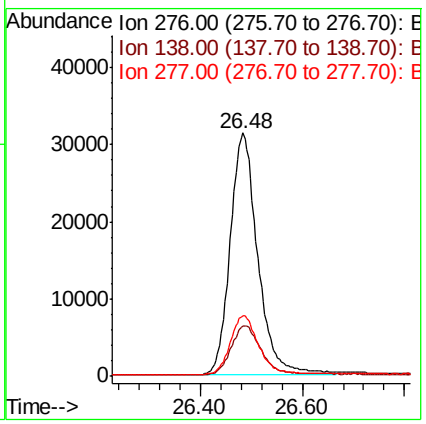


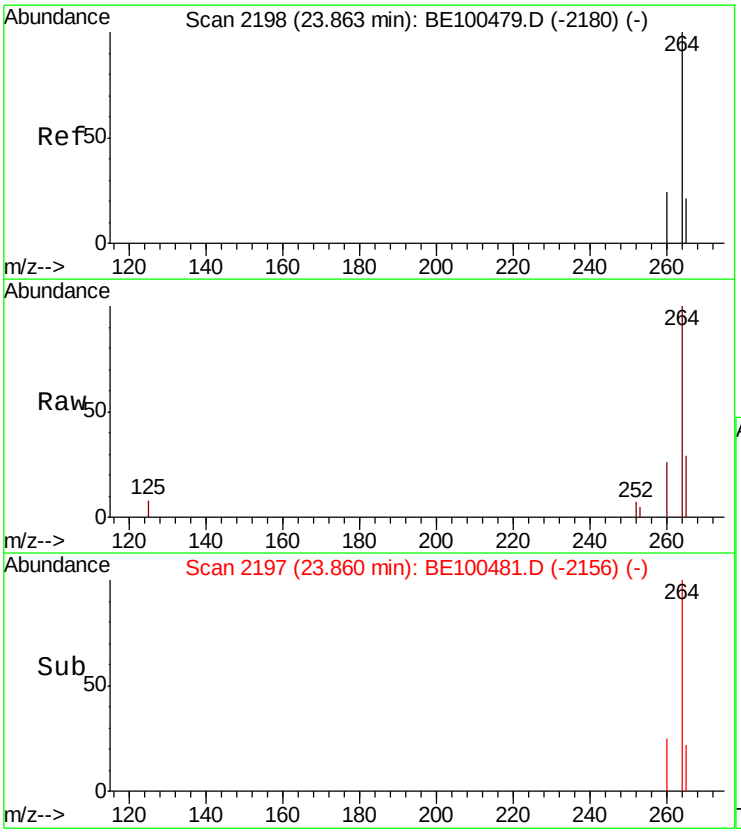

#33
Indeno(1,2,3-cd)pyrene
Concen: 1.654 ng
RT: 26.48 min Scan# 2929
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 117991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.0 | 16.6 | 25.0 |
| 277 | 24.5 | 19.1 | 28.7 |

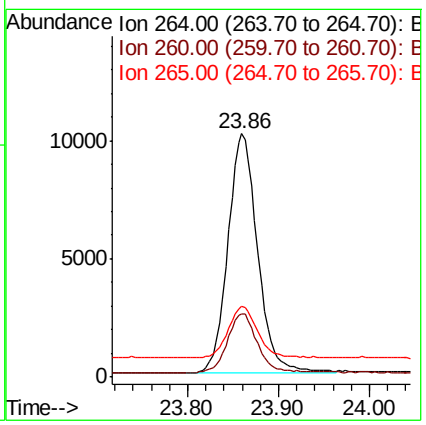


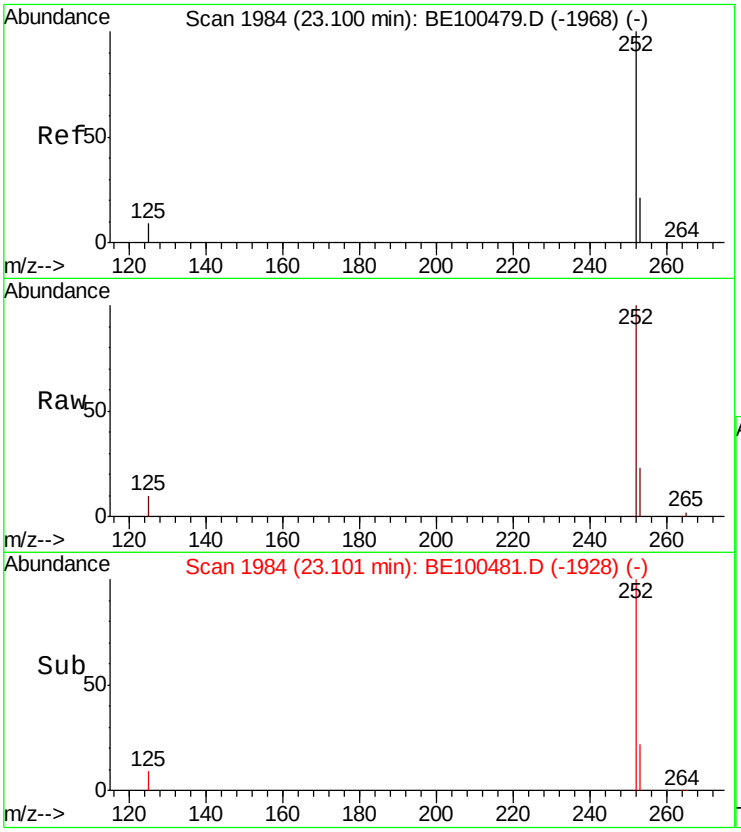




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:264 Resp: 22975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.2 | 20.7 | 31.1 |
| 265 | 29.1 | 23.4 | 35.2 |



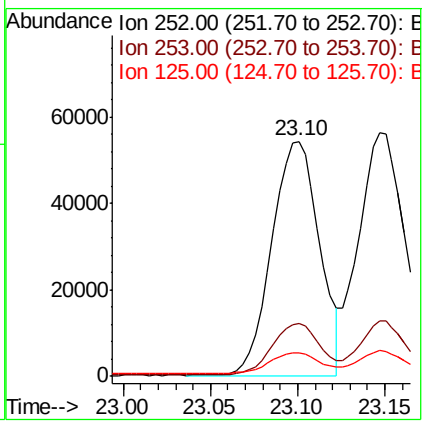


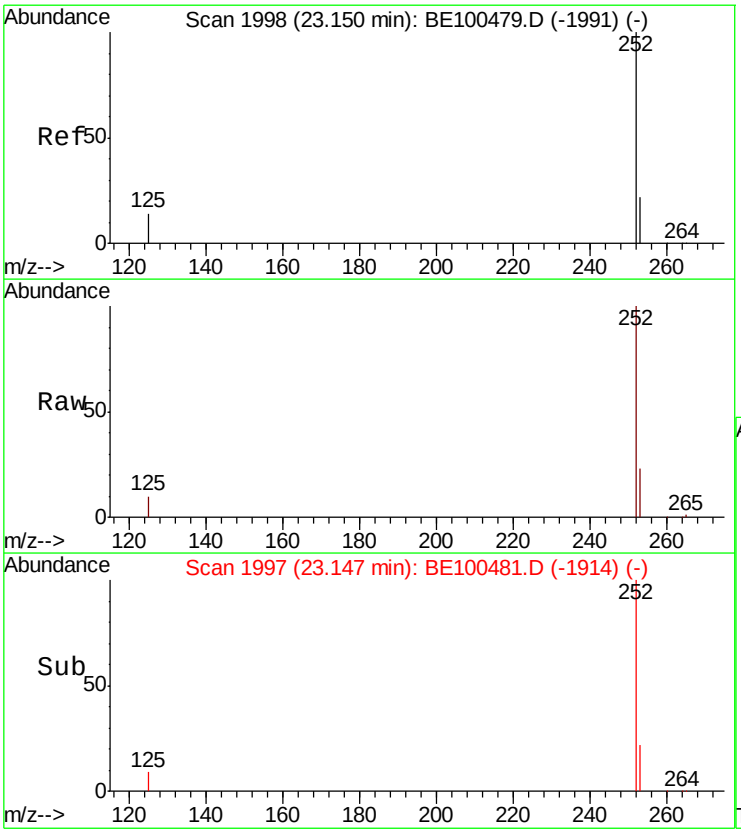

#35
Benzo(b)fluoranthene
Concen: 1.616 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 102598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 19.2 | 28.8 |
| 125 | 10.1 | 11.9 | 17.9# |

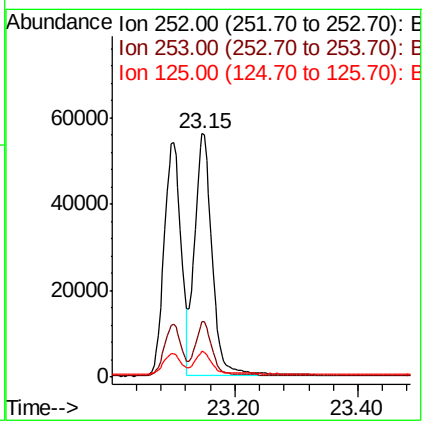


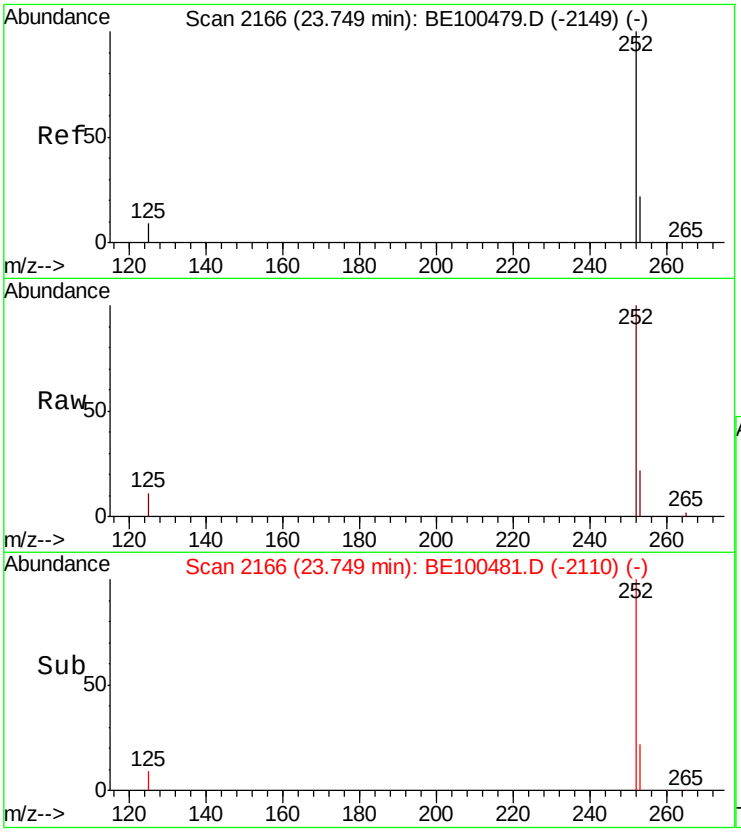




#36
Benzo(k)fluoranthene
Concen: 1.645 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:252 Resp: 110989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 19.7 | 29.5 |
| 125 | 10.5 | 15.2 | 22.8# |



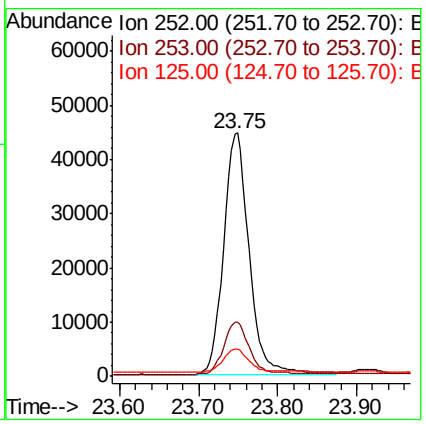


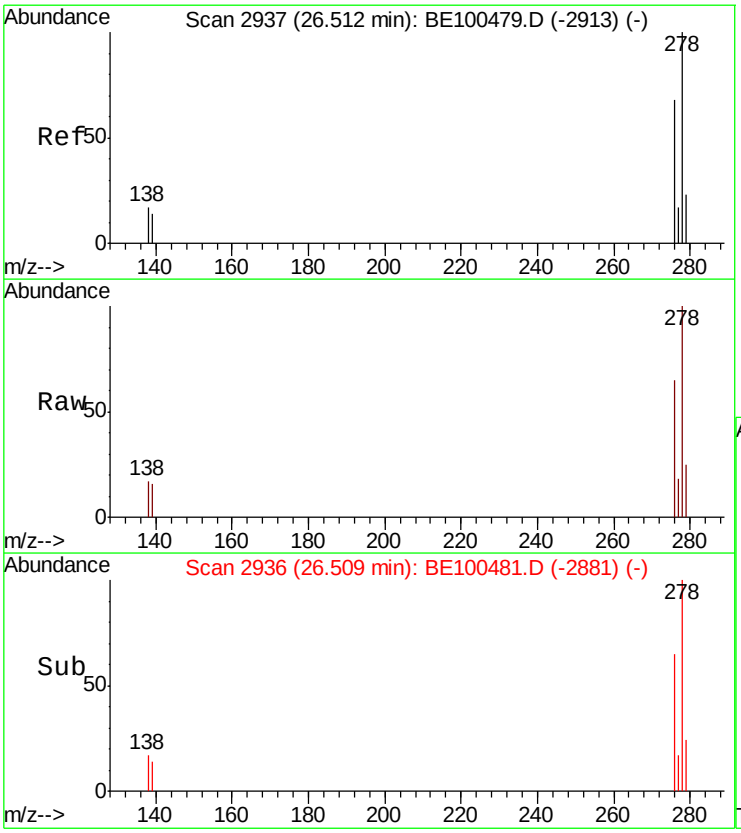

#37
Benzo(a)pyrene
Concen: 1.642 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 100559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 20.0 | 30.0 |
| 125 | 11.1 | 14.1 | 21.1# |

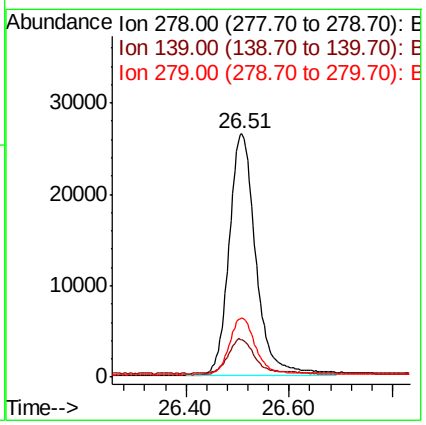


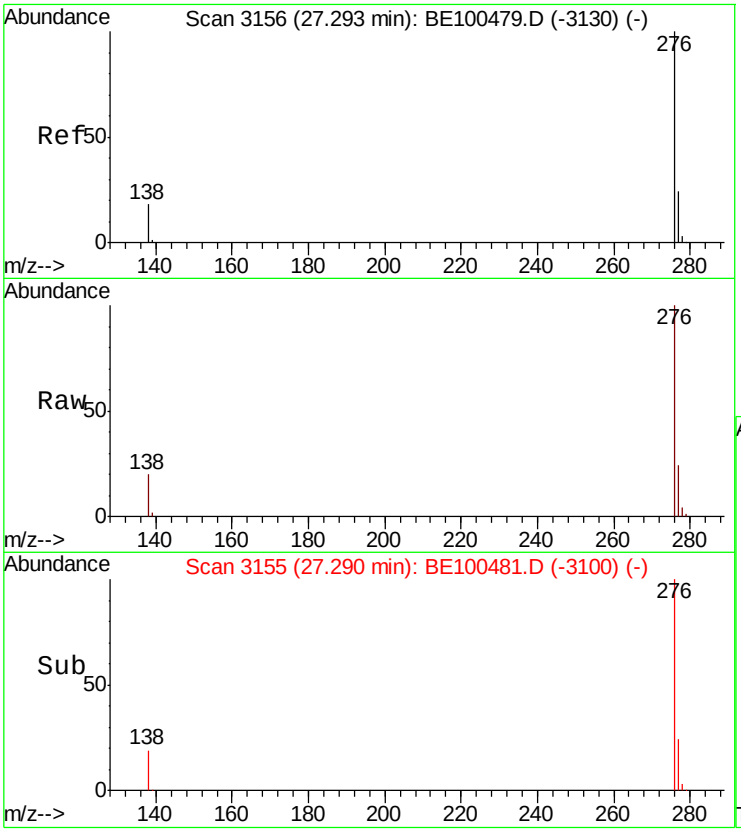




#38
Dibenzo(a,h)anthracene
Concen: 1.664 ng
RT: 26.51 min Scan# 2936
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:278 Resp: 95981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.6 | 16.8 | 25.2# |
| 279 | 24.6 | 21.8 | 32.8 |






#39
Benzo(g,h,i)perylene
Concen: 1.635 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 97132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 22.0 | 33.0 |
| 138 | 19.8 | 17.3 | 25.9 |