Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100533.D
Acq On : 20 Sep 2019 18:32
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE092019

Quant Time: Sep 20 19:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 6276 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 28976 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 16167 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 36095 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 39472 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.83 | 264 | 44972 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.43 | 112 | 5662 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.01 | 99 | 7591 | 0.38 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 6207 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 16635 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 929 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 23143 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 158708 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 36776 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 3534 | 0.390 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 1771 | 0.333 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.28 | 93 | 8022 | 0.394 | ng | | 99 |
| 9) Naphthalene | 10.69 | 128 | 117722 | 0.392 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 3773 | 0.393 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 18108 | 0.379 | ng | | 100 |
| 16) Acenaphthylene | 14.21 | 152 | 24472 | 0.368 | ng | | 99 |
| 17) Acenaphthene | 14.54 | 154 | 17218 | 0.383 | ng | | 98 |
| 18) Fluorene | 15.51 | 166 | 21607 | 0.384 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 6356 | 0.375 | ng | # | 69 |
| 21) Hexachlorobenzene | 16.52 | 284 | 5679 | 0.384 | ng | | 98 |
| 22) Pentachlorophenol | 16.88 | 266 | 792 | 0.400 | ng | | 98 |
| 23) Phenanthrene | 17.24 | 178 | 37855 | 0.376 | ng | | 99 |
| 24) Anthracene | 17.33 | 178 | 29949 | 0.354 | ng | | 99 |
| 26) Fluoranthene | 19.25 | 202 | 44944 | 0.371 | ng | | 100 |
| 28) Pyrene | 19.62 | 202 | 45173 | 0.398 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 37292 | 0.354 | ng | | 99 |
| 31) Chrysene | 21.40 | 228 | 48263 | 0.402 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 39469 | 0.347 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.45 | 276 | 51716 | 0.387 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 23.08 | 252 | 42555 | 0.350 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.13 | 252 | 54426 | 0.387 | ng | | 100 |
| 37) Benzo(a)pyrene | 23.72 | 252 | 40367 | 0.356 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.47 | 278 | 42533 | 0.360 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 27.25 | 276 | 45923 | 0.372 | ng | | 99 |

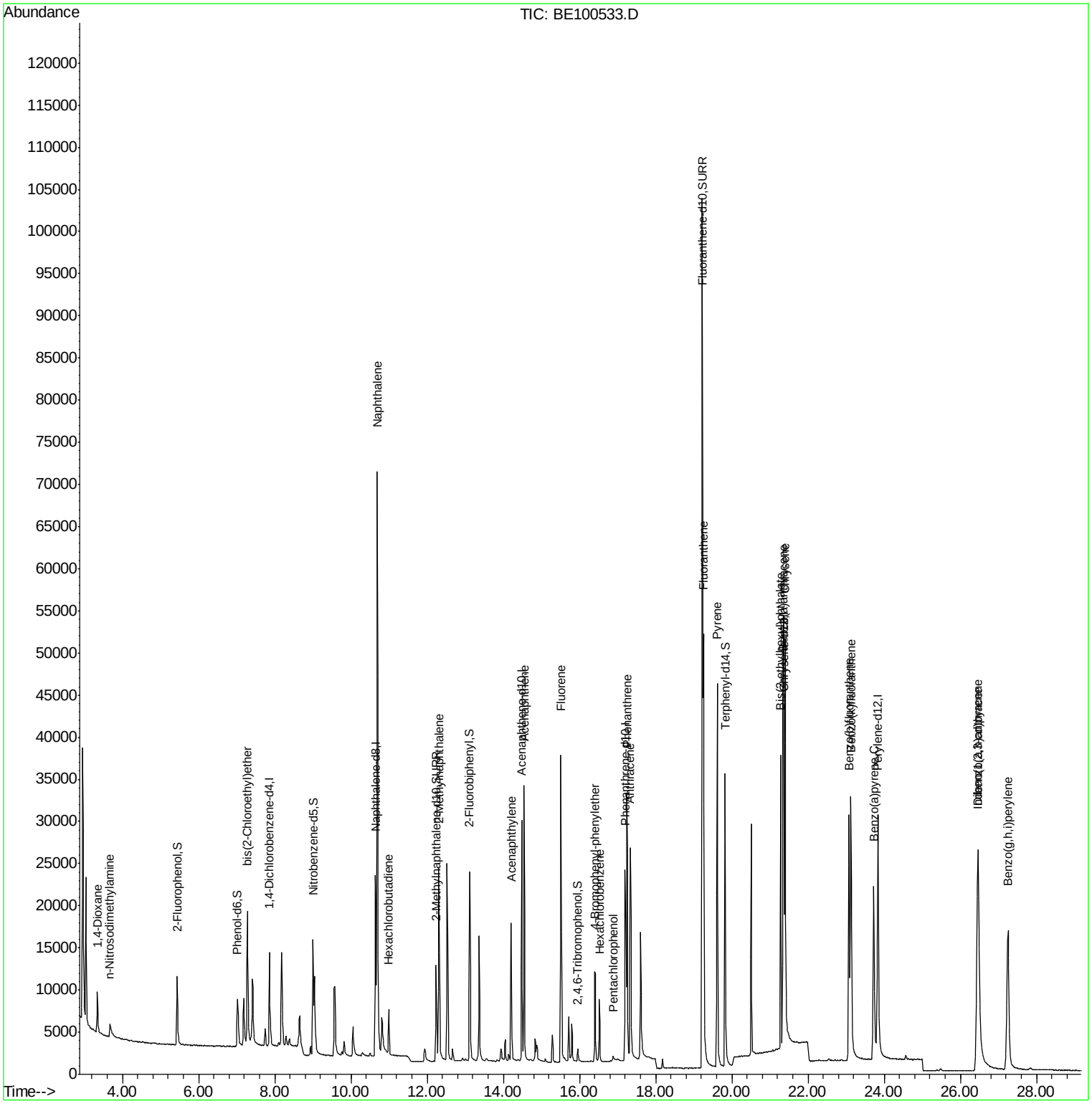
(#) = qualifier out of range (m) = manual integration (+) = signals summed

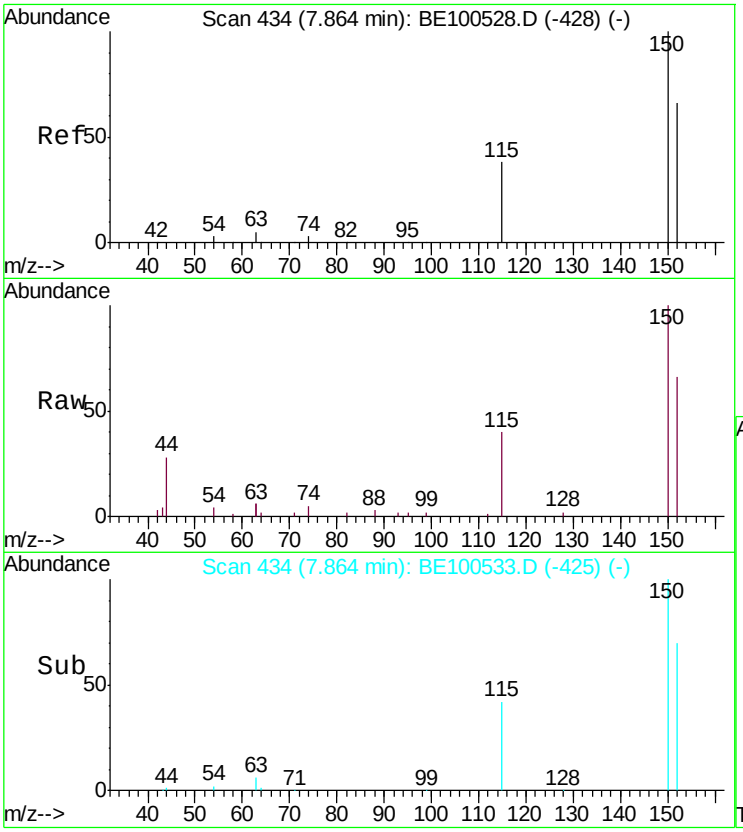
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100533.D
Acq On : 20 Sep 2019 18:32
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Quant Time: Sep 20 19:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



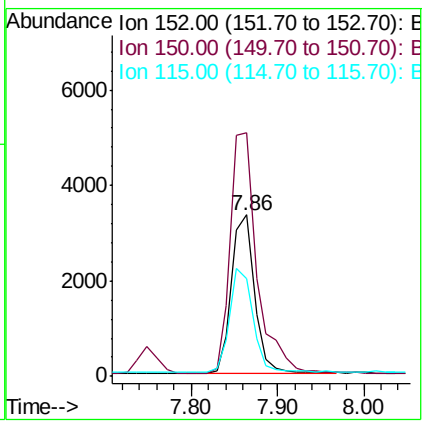


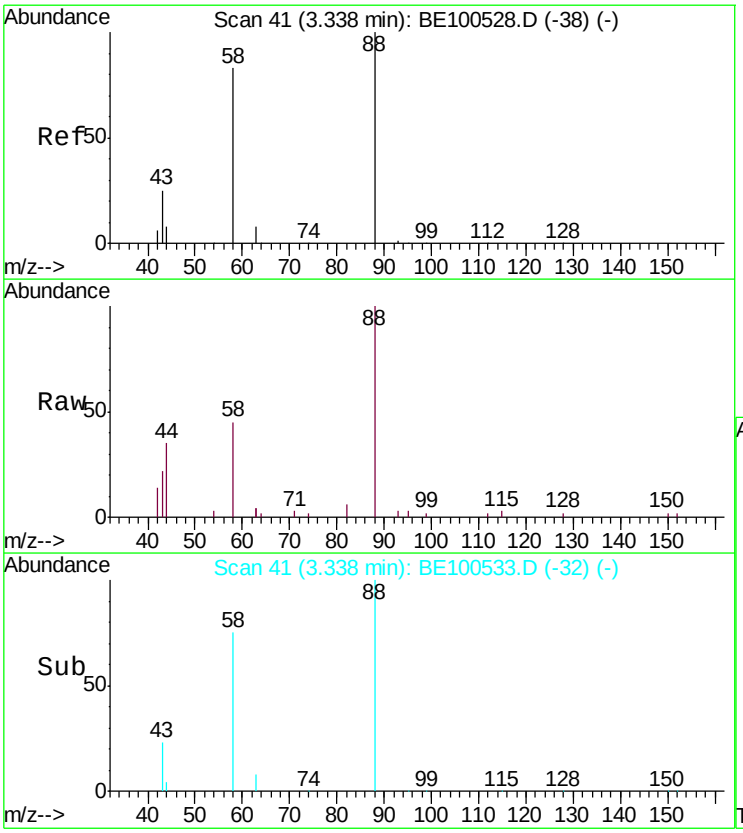

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:152 Resp: 6276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.0 | 121.6 | 182.4 |
| 115 | 60.5 | 48.2 | 72.4 |

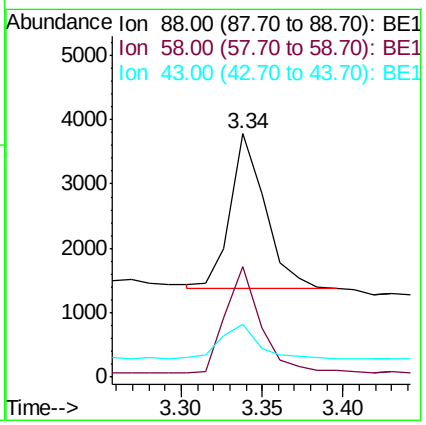


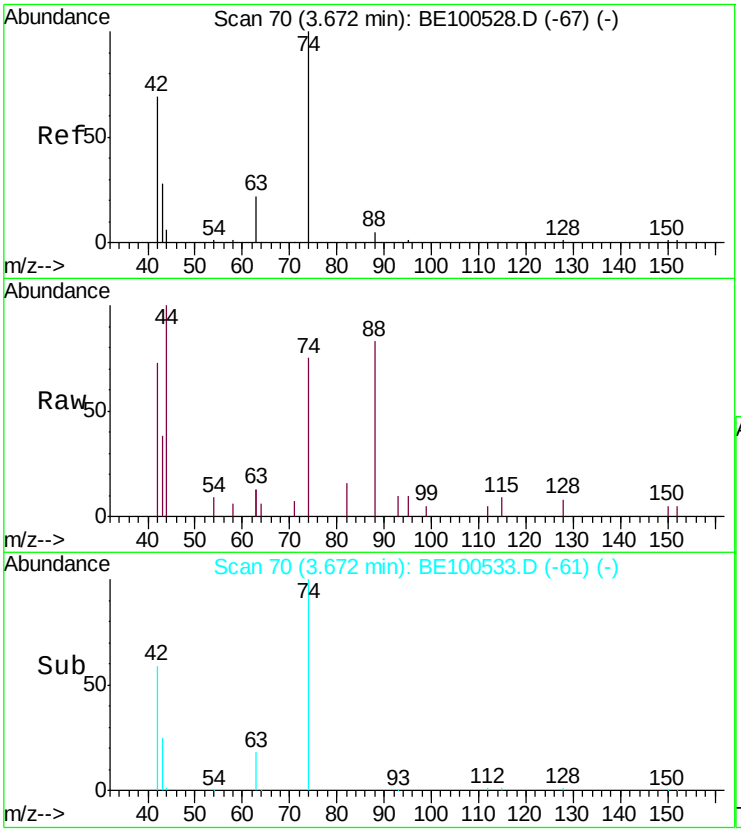




#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion: 88 Resp: 3534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.3 | 53.3 | 79.9 |
| 43 | 24.3 | 16.9 | 25.3 |



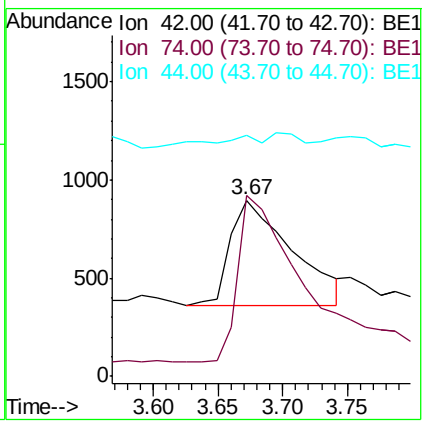


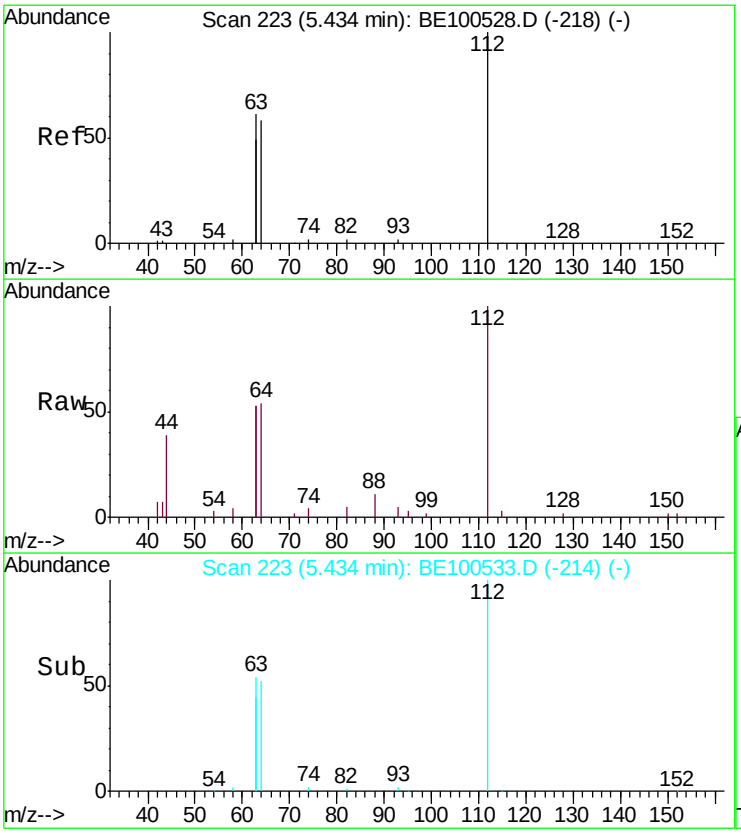

#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion: 42 Resp: 1771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 158.8 | 133.8 | 200.6 |
| 44 | 0.0 | 6.4 | 9.6# |

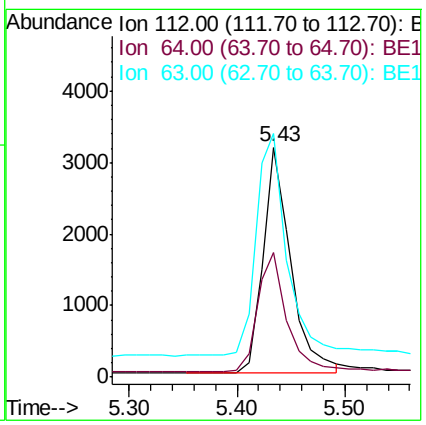


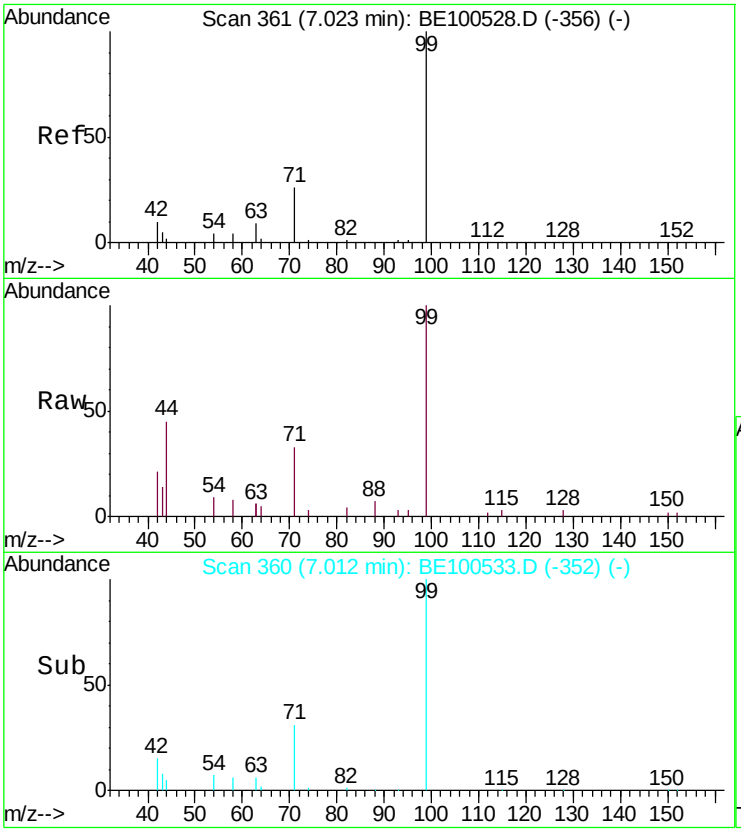




#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:112 Resp: 5662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 44.1 | 66.1 |
| 63 | 107.7 | 86.5 | 129.7 |



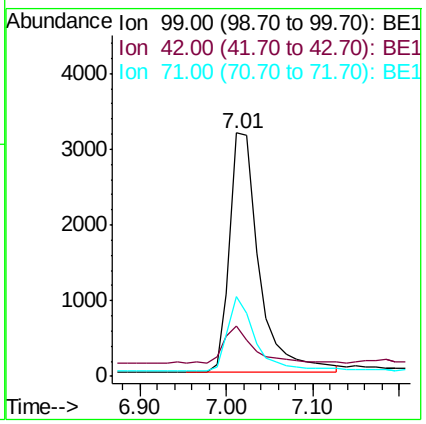


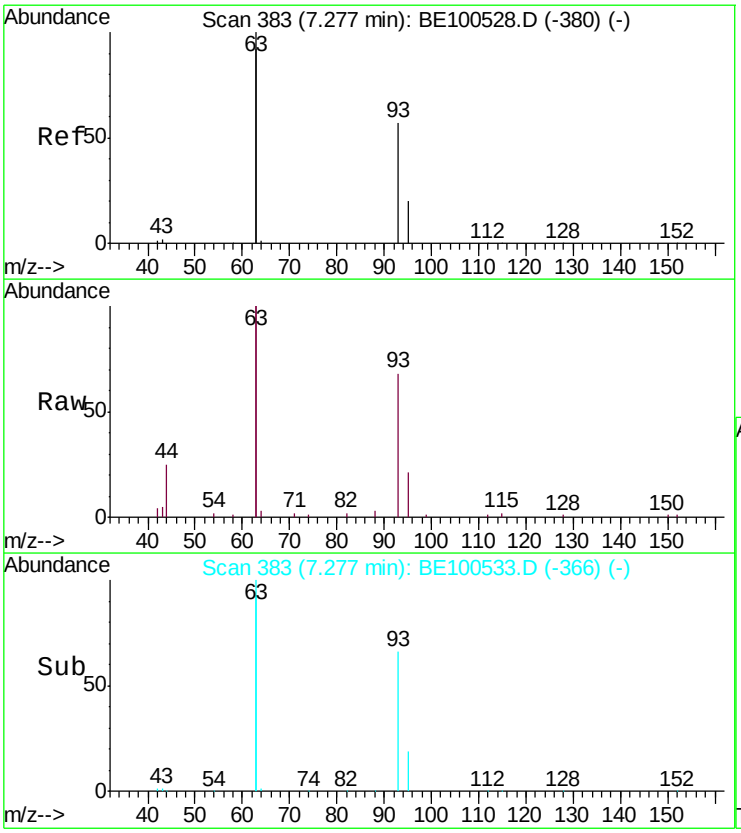

#5
Phenol-d6
Concen: 0.377 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion: 99 Resp: 7591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 13.0 | 19.6 |
| 71 | 28.5 | 23.4 | 35.0 |

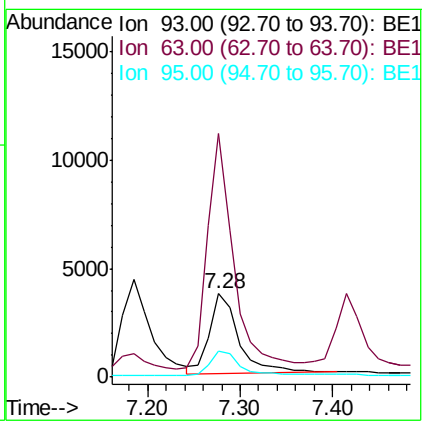


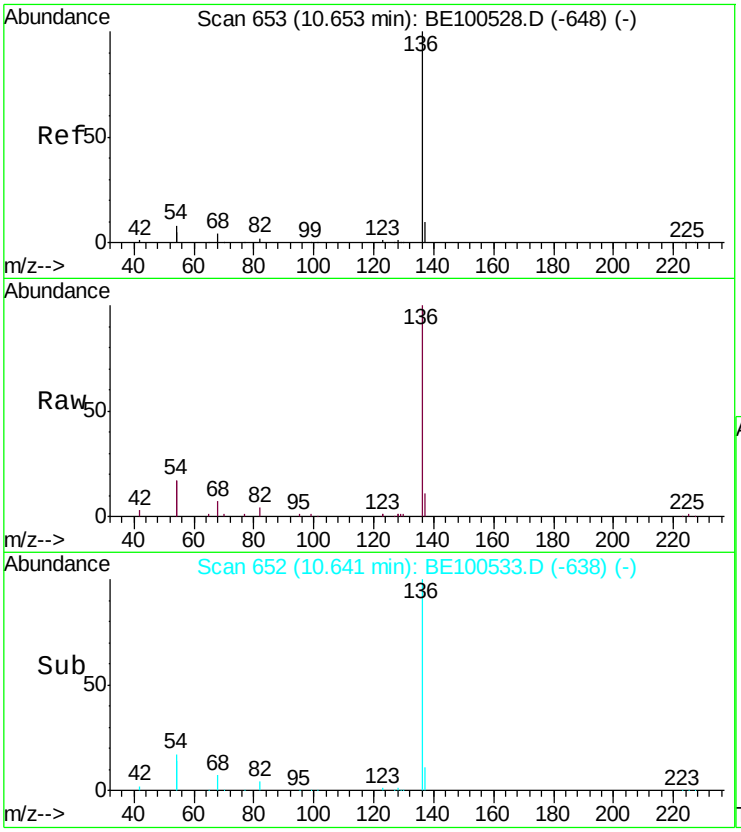




#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion: 93 Resp: 8022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 264.3 | 213.4 | 320.0 |
| 95 | 31.1 | 23.7 | 35.5 |



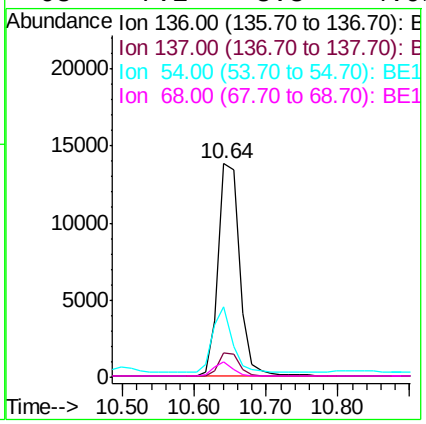


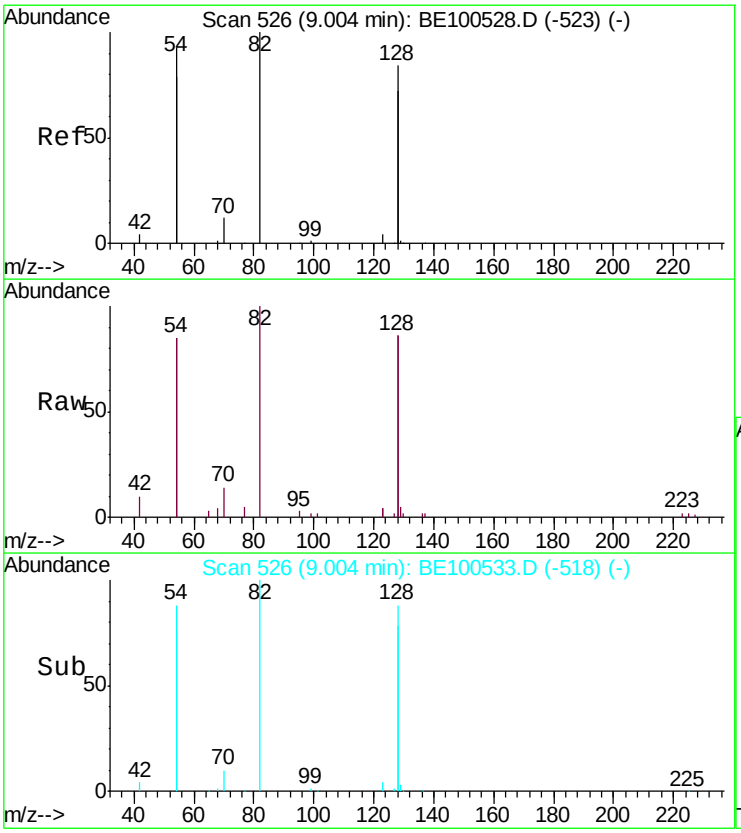

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:136 Resp: 28976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.6 | 13.0 |
| 54 | 33.0 | 12.4 | 18.6# |
| 68 | 7.2 | 3.3 | 4.9# |

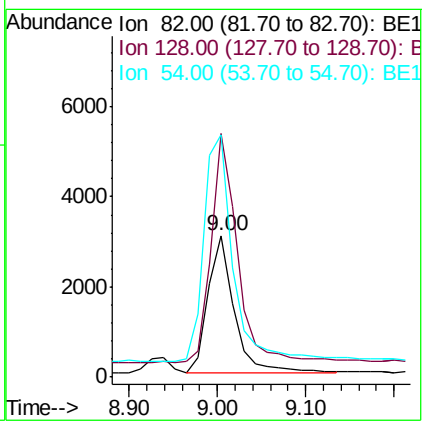


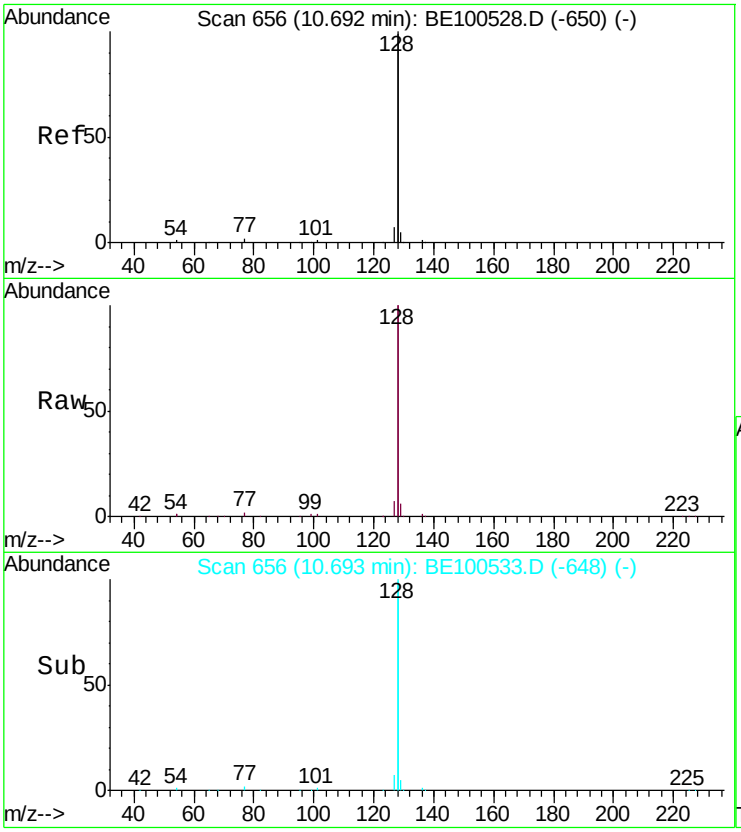




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion: 82 Resp: 6207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 171.9 | 129.4 | 194.2 |
| 54 | 170.7 | 143.3 | 214.9 |



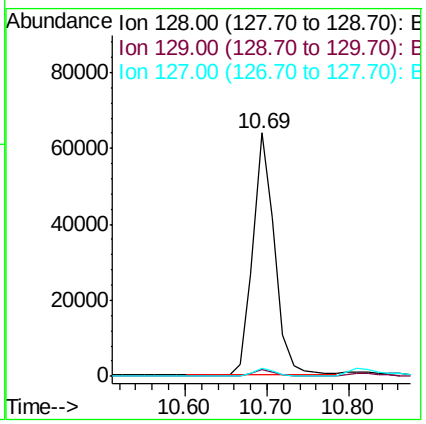


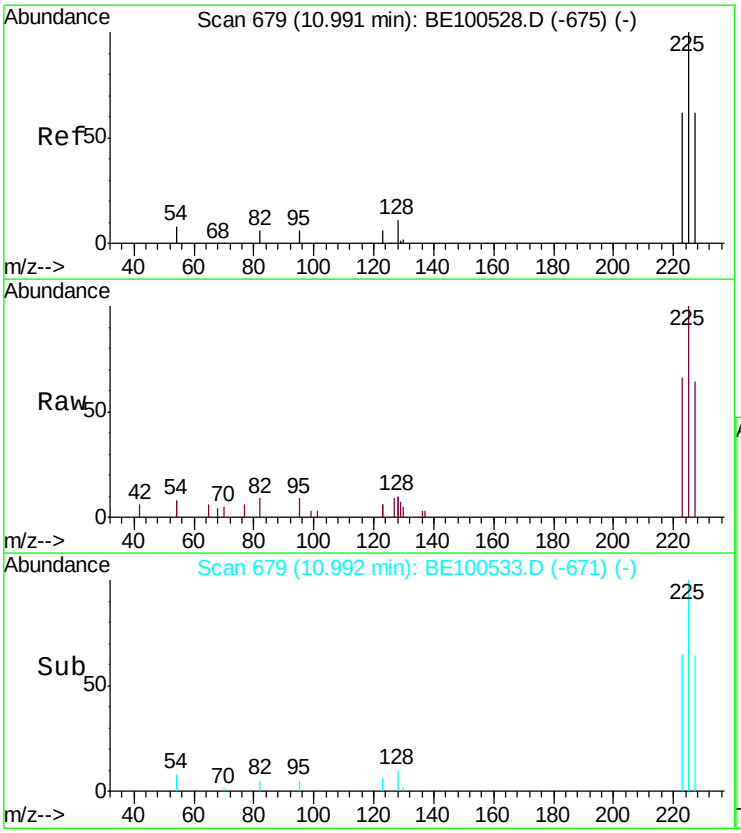

#9
Naphthalene
Concen: 0.392 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:128 Resp: 117722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.2 | 3.4 |
| 127 | 3.4 | 2.7 | 4.1 |

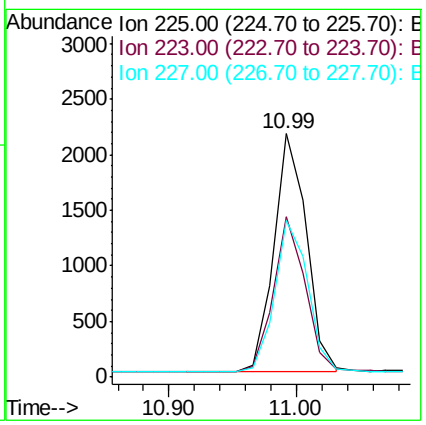


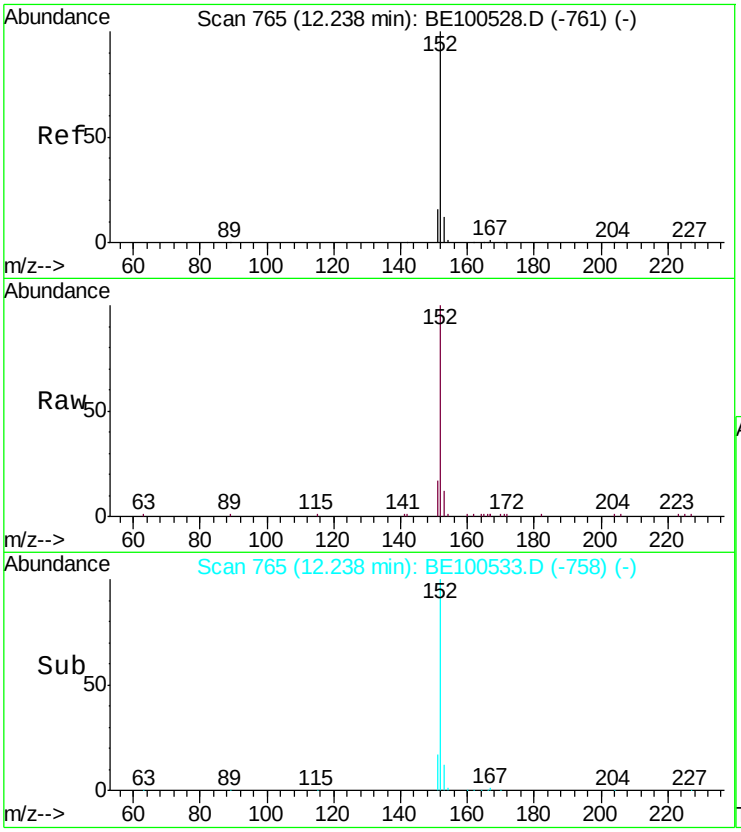




#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:225 Resp: 3773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.7 | 74.5 |
| 227 | 64.8 | 51.4 | 77.2 |



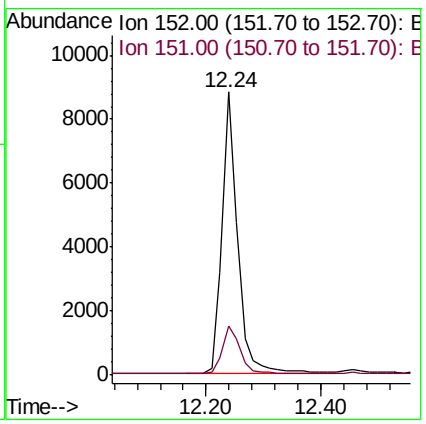


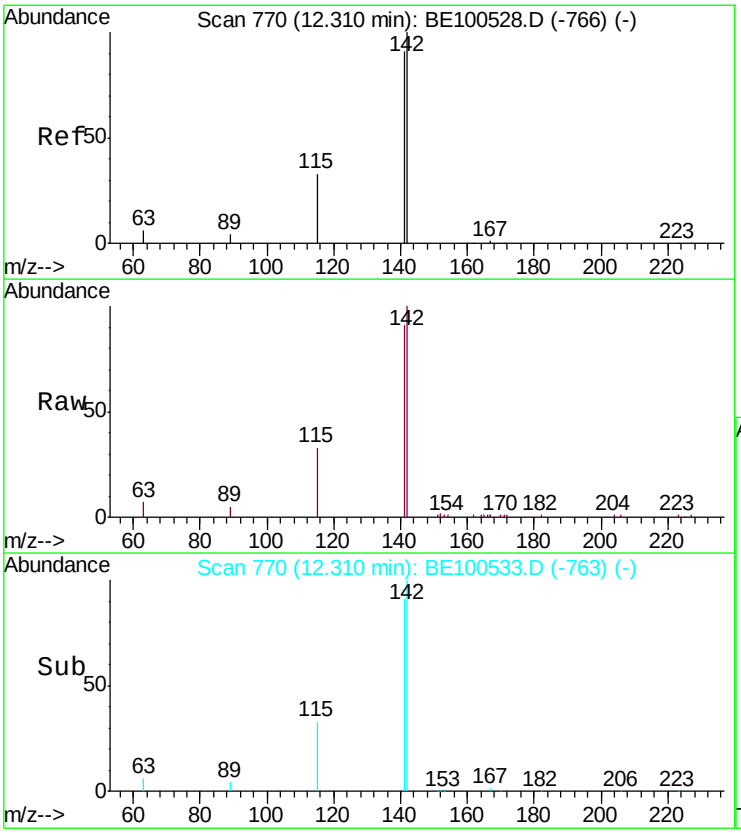

#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:152 Resp: 16635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.3 | 22.9 |

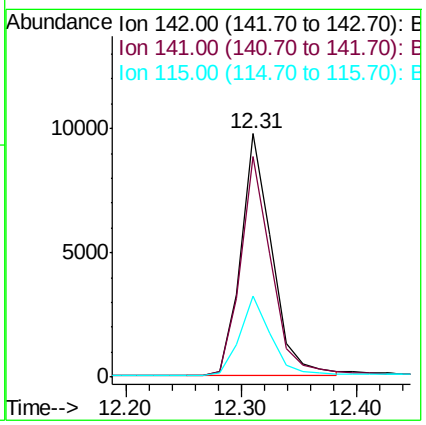


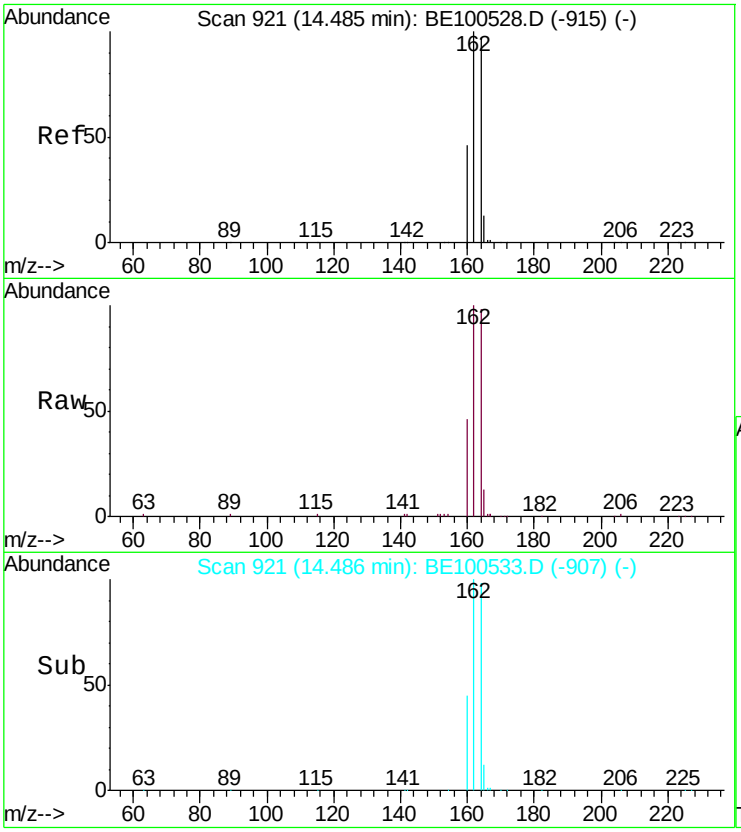




#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:142 Resp: 18108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 72.5 | 108.7 |
| 115 | 33.3 | 27.2 | 40.8 |



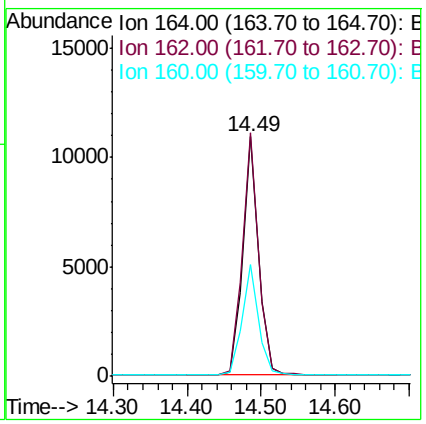


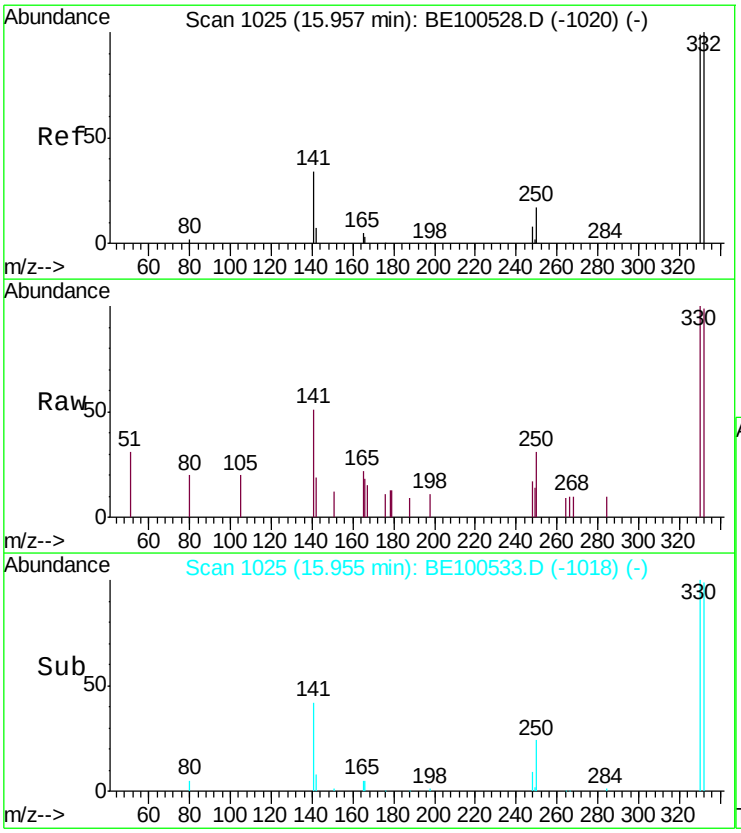

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:164 Resp: 16167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 82.1 | 123.1 |
| 160 | 46.4 | 37.6 | 56.4 |

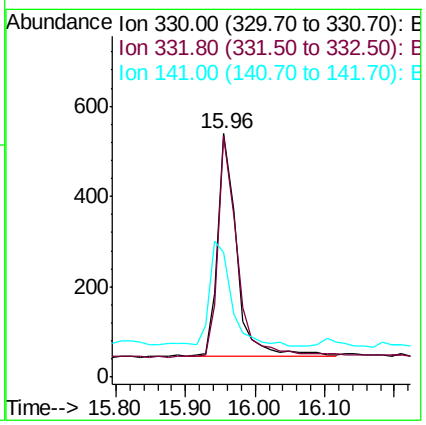


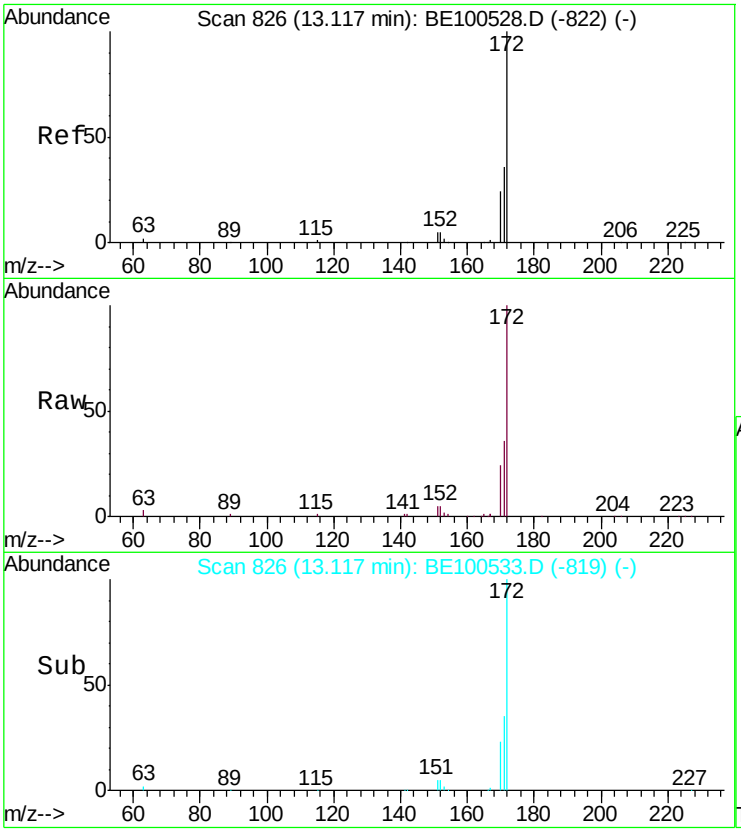




#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:330 Resp: 929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.1 | 75.5 | 113.3 |
| 141 | 56.4 | 42.3 | 63.5 |



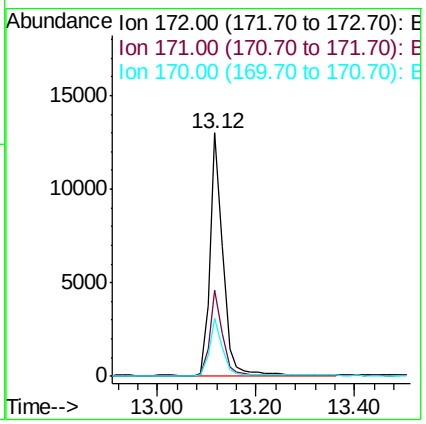


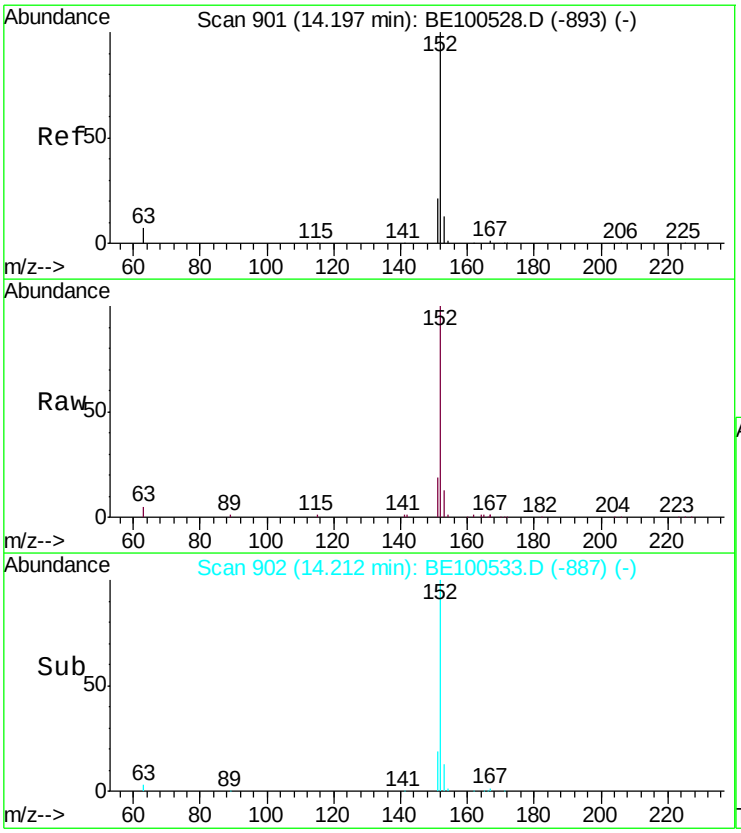

#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:172 Resp: 23143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.8 | 43.2 |
| 170 | 23.7 | 19.4 | 29.0 |

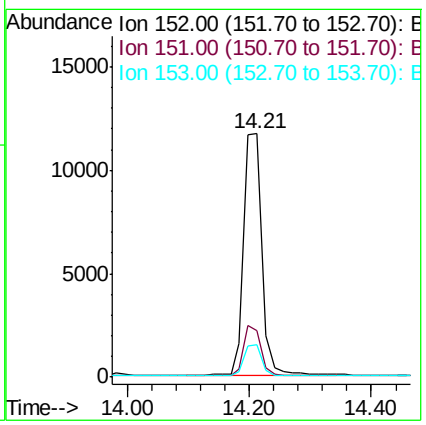


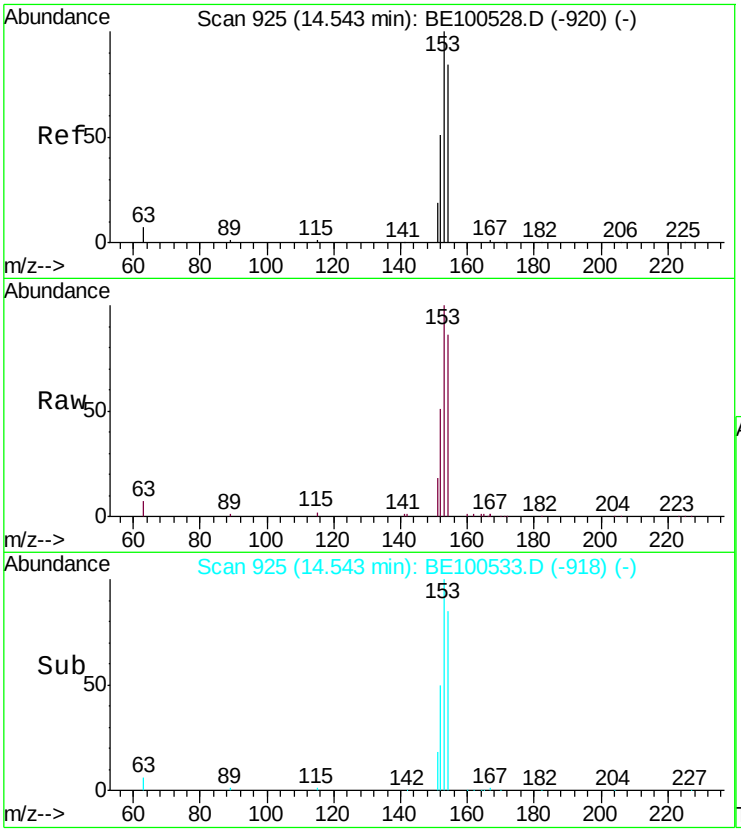




#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:152 Resp: 24472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.9 | 23.9 |
| 153 | 12.9 | 10.7 | 16.1 |



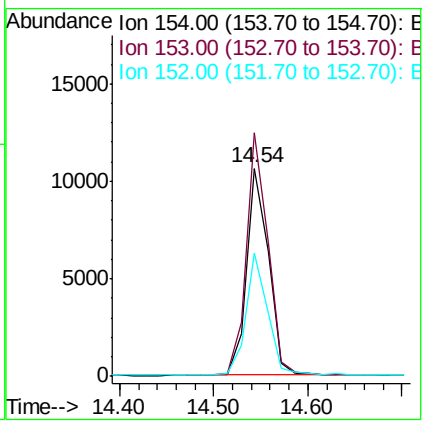


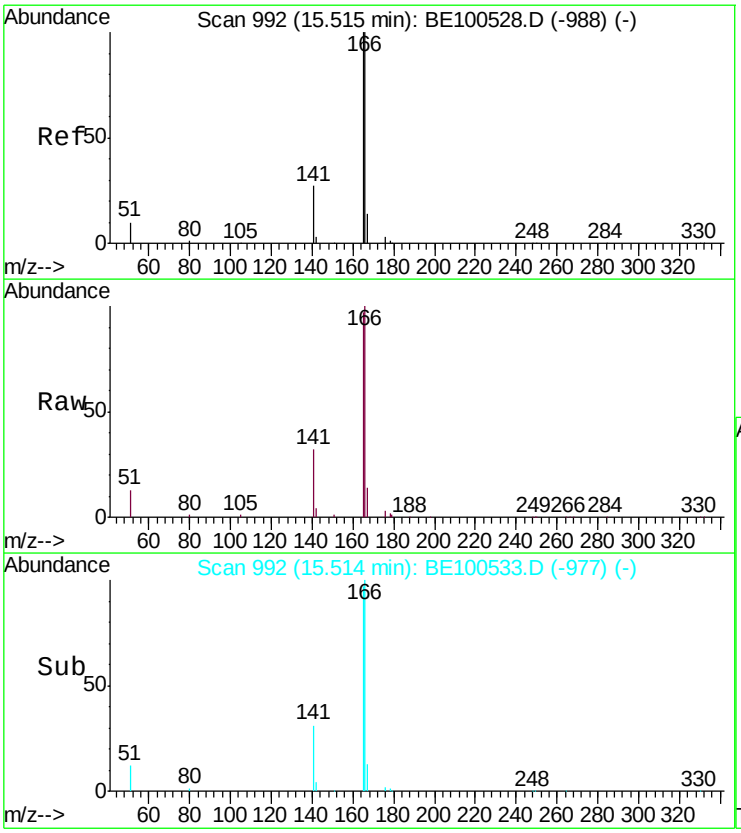

#17
Acenaphthene
Concen: 0.383 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:154 Resp: 17218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.1 | 93.7 | 140.5 |
| 152 | 57.4 | 47.3 | 70.9 |

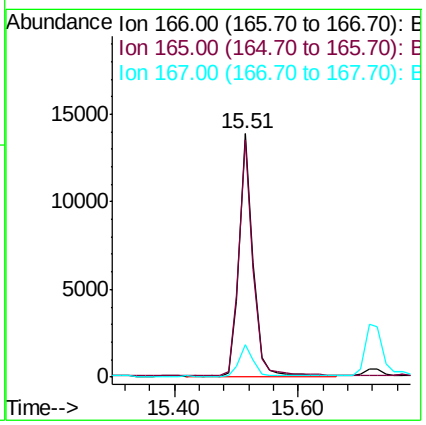


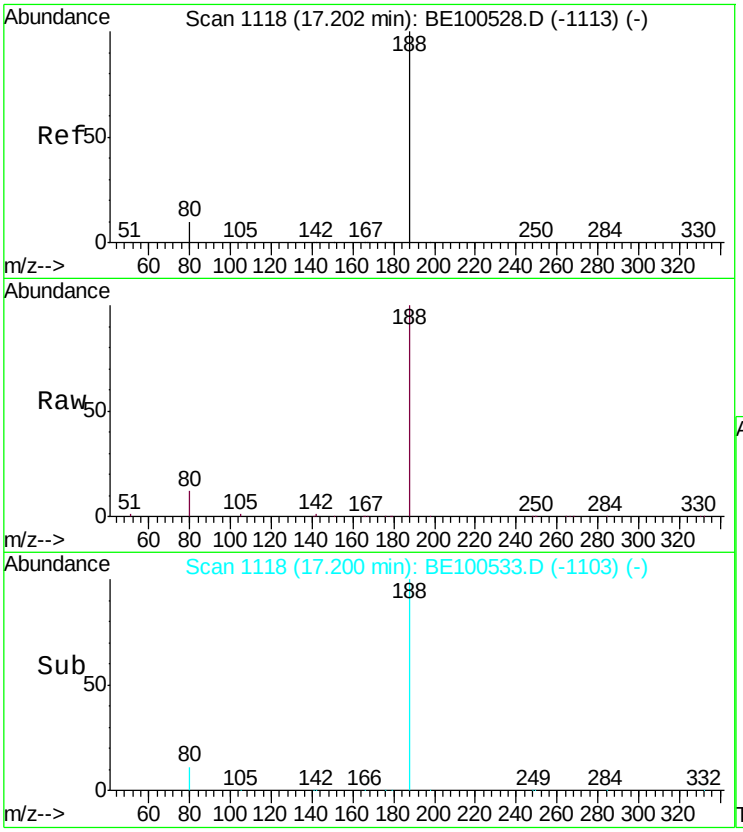




#18
Fluorene
Concen: 0.384 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:166 Resp: 21607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 80.1 | 120.1 |
| 167 | 13.3 | 10.9 | 16.3 |



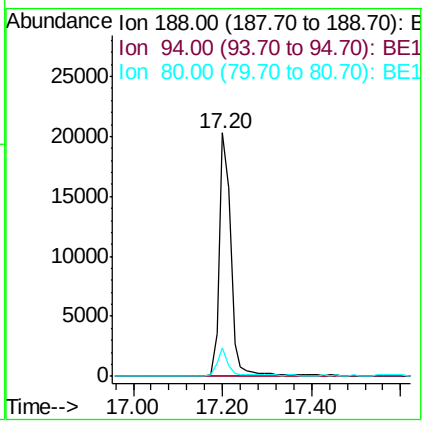


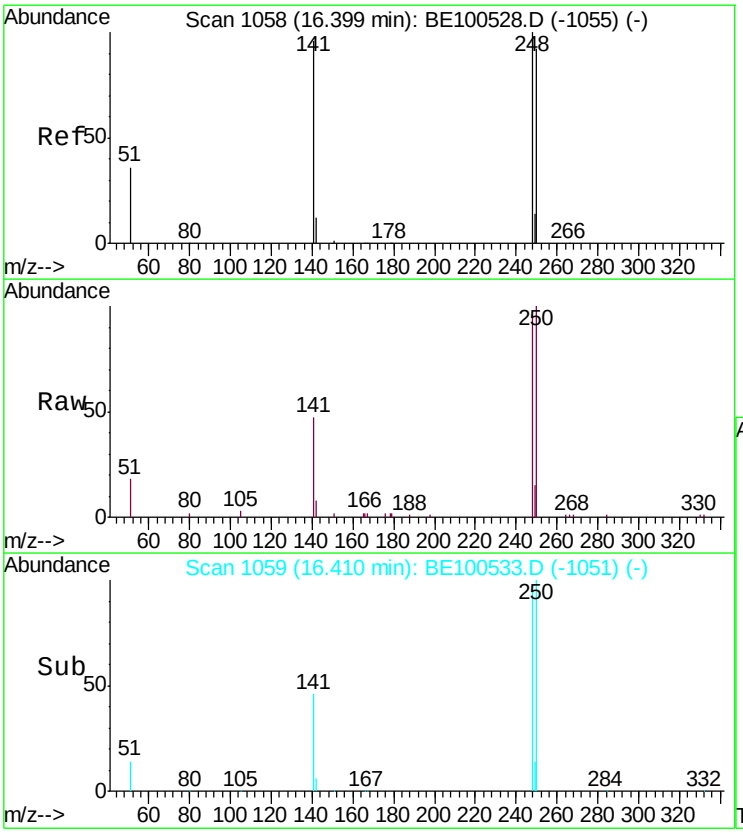

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:188 Resp: 36095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.5 | 8.0 | 12.0 |

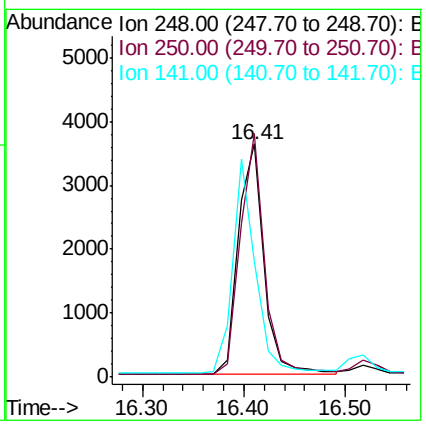


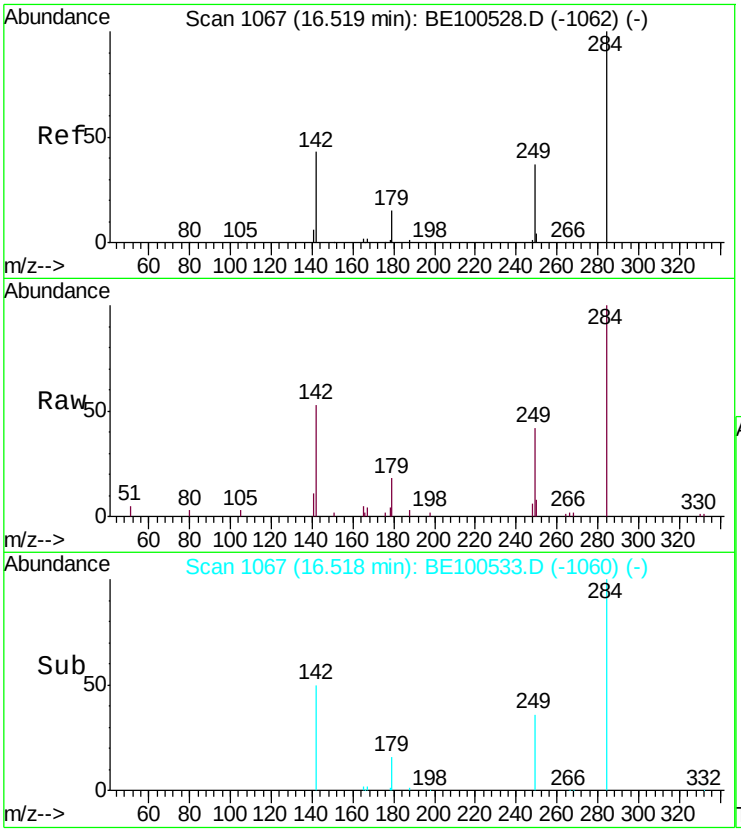




#20
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:248 Resp: 6356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 104.4 | 73.5 | 110.3 |
| 141 | 49.6 | 77.0 | 115.4# |



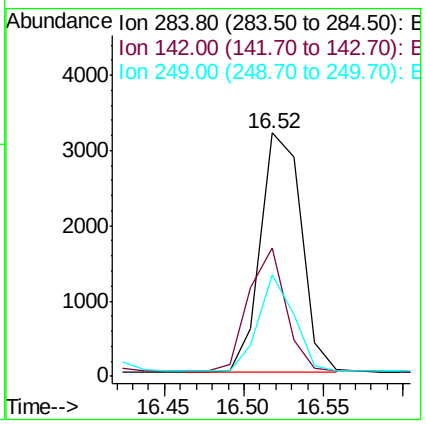


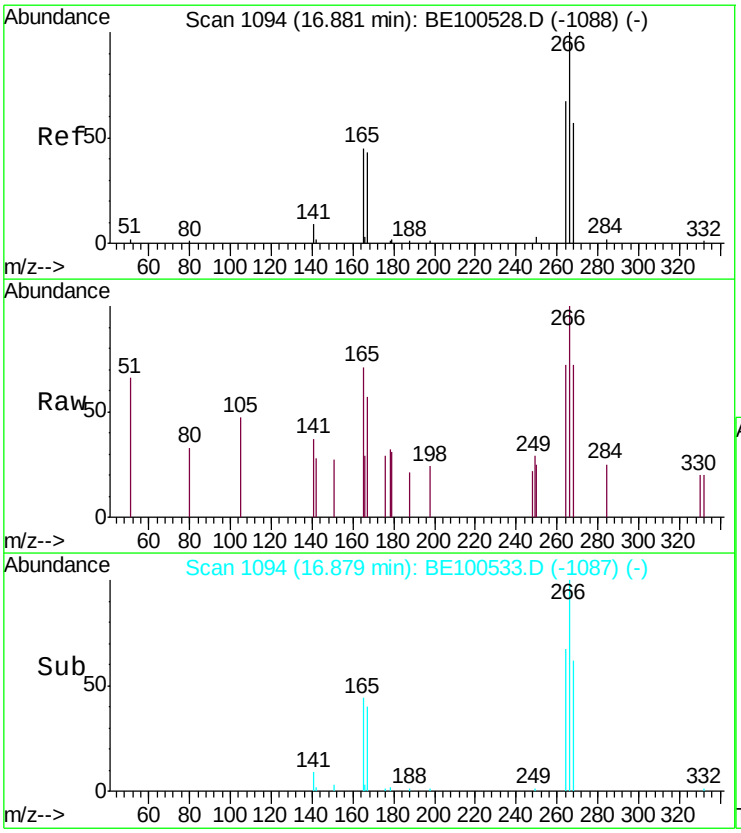

#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:284 Resp: 5679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 46.8 | 39.0 | 58.6 |
| 249 | 35.0 | 28.2 | 42.2 |

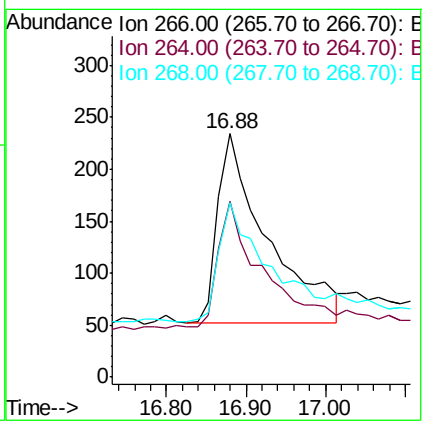


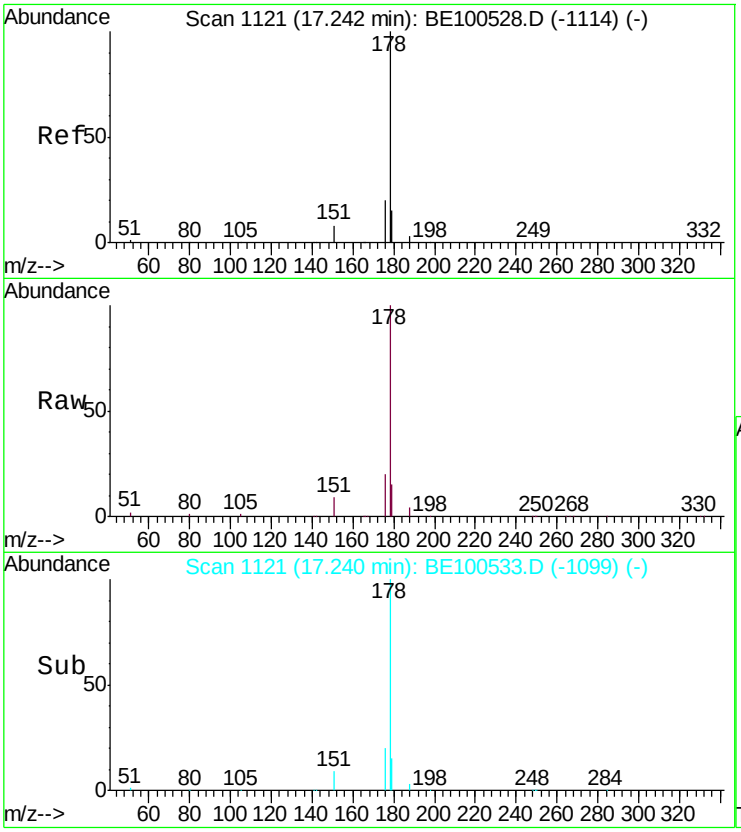




#22
Pentachlorophenol
Concen: 0.400 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:266 Resp: 792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 72.2 | 57.6 | 86.4 |
| 268 | 71.8 | 55.1 | 82.7 |



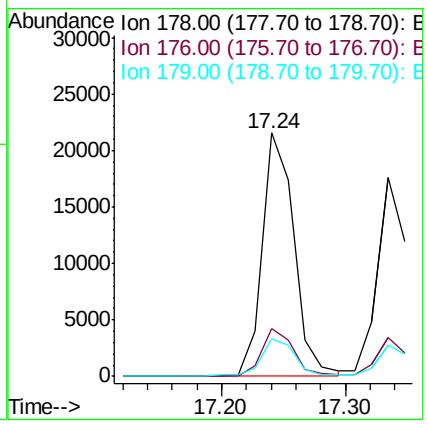


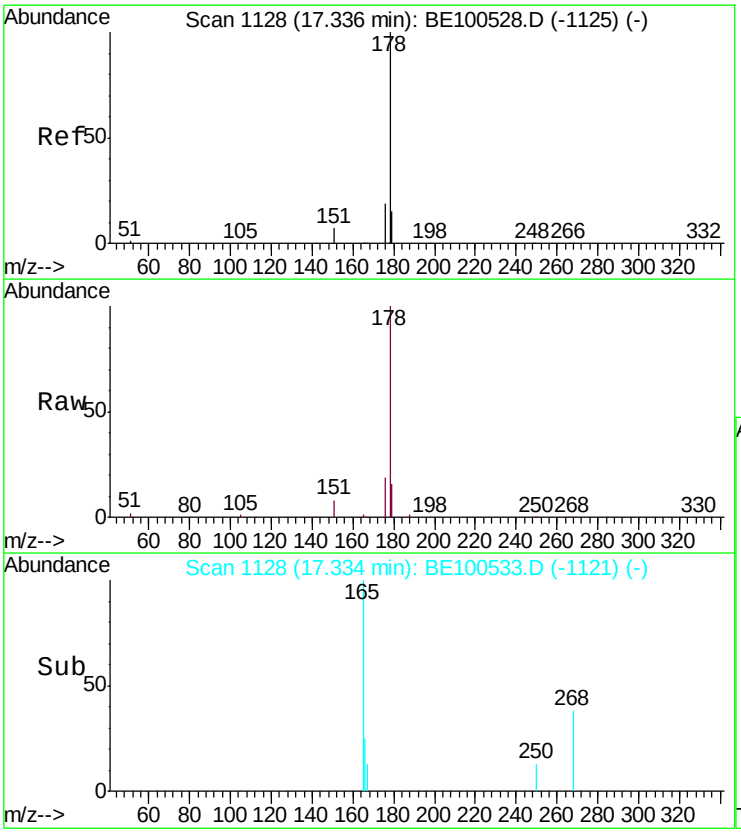

#23
Phenanthrene
Concen: 0.376 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:178 Resp: 37855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.2 |
| 179 | 15.4 | 12.6 | 18.8 |

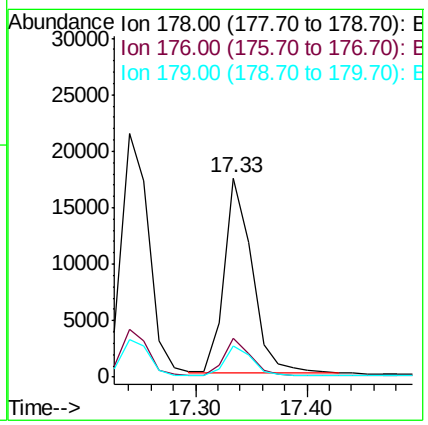


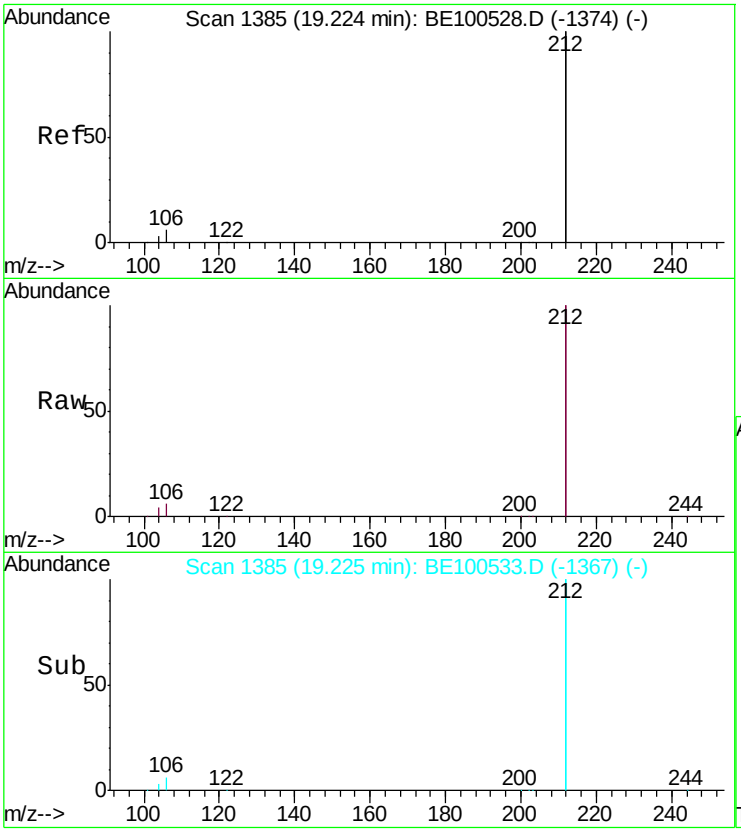




#24
Anthracene
Concen: 0.354 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:178 Resp: 29949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.2 | 22.8 |
| 179 | 15.1 | 12.2 | 18.4 |



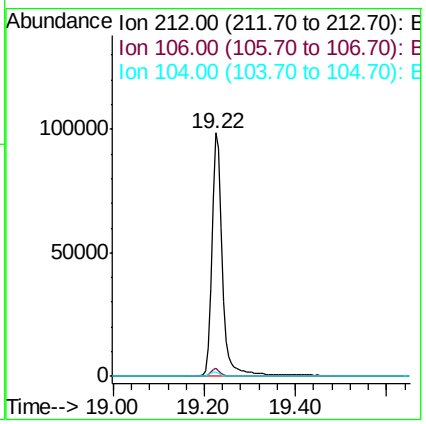


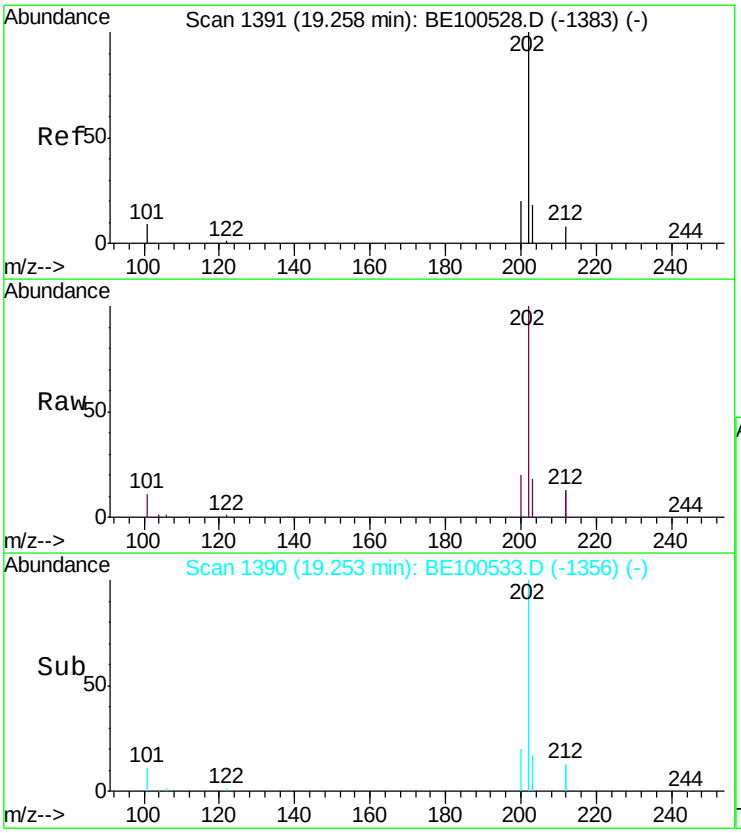

#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:212 Resp: 158708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.3 | 3.5 |
| 104 | 1.7 | 1.3 | 1.9 |

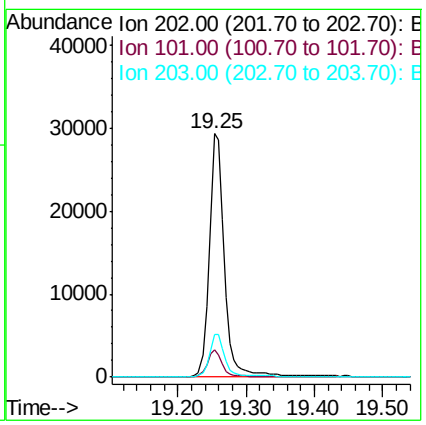


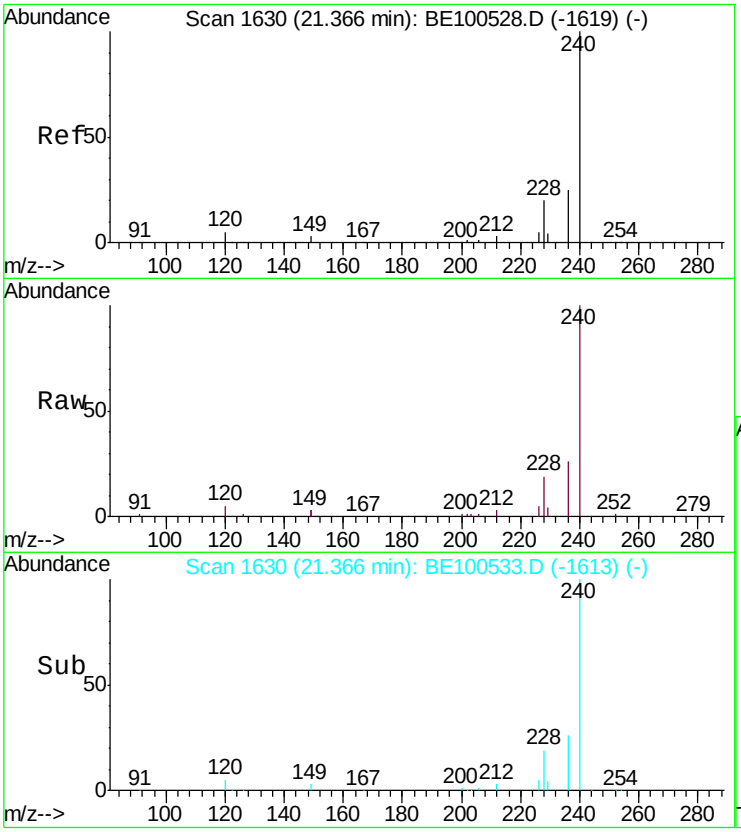




#26
Fluoranthene
Concen: 0.371 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:202 Resp: 44944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 8.8 | 13.2 |
| 203 | 17.4 | 13.7 | 20.5 |



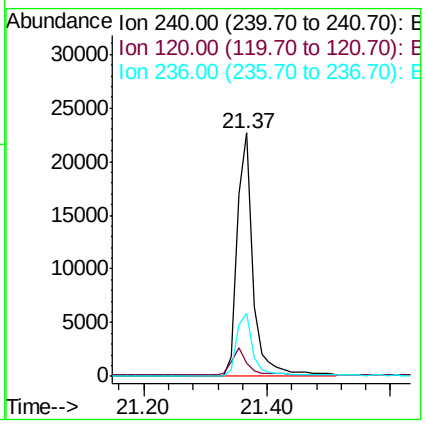


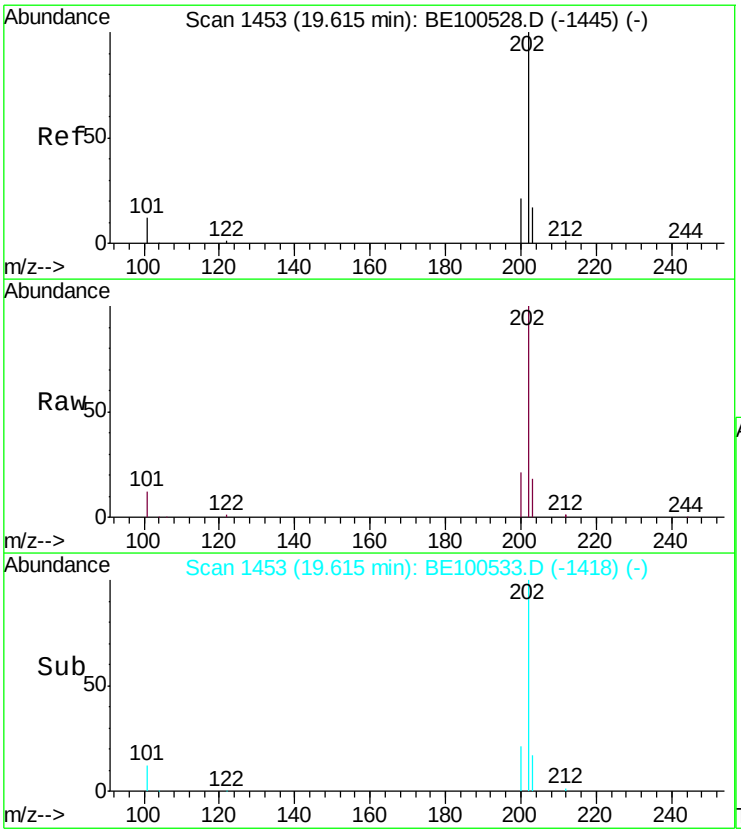

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:240 Resp: 39472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.2 | 4.5 | 6.7 |
| 236 | 25.8 | 20.6 | 30.8 |

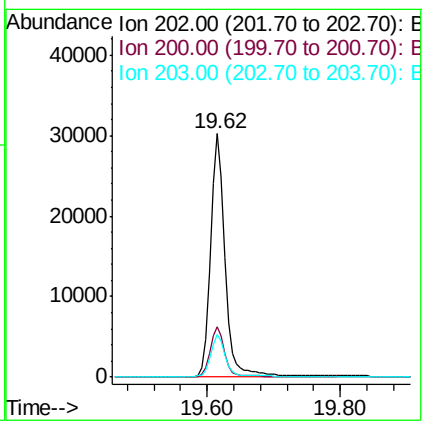


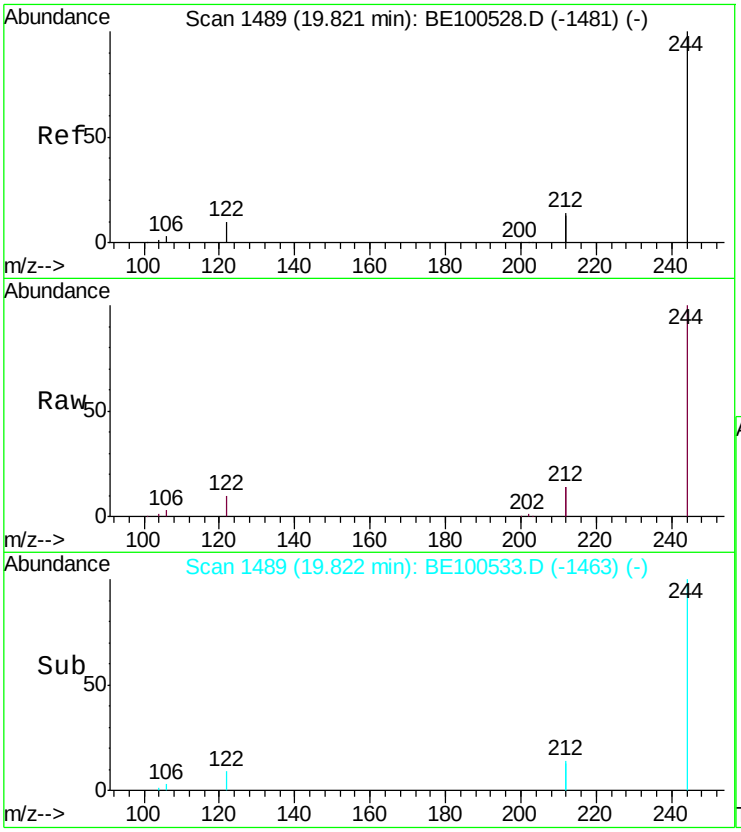




#28
Pyrene
Concen: 0.398 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:202 Resp: 45173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.6 | 25.0 |
| 203 | 17.6 | 14.0 | 21.0 |



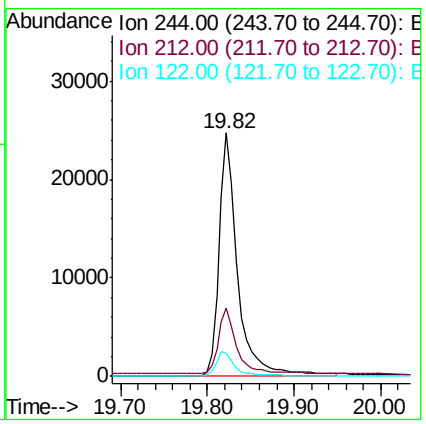


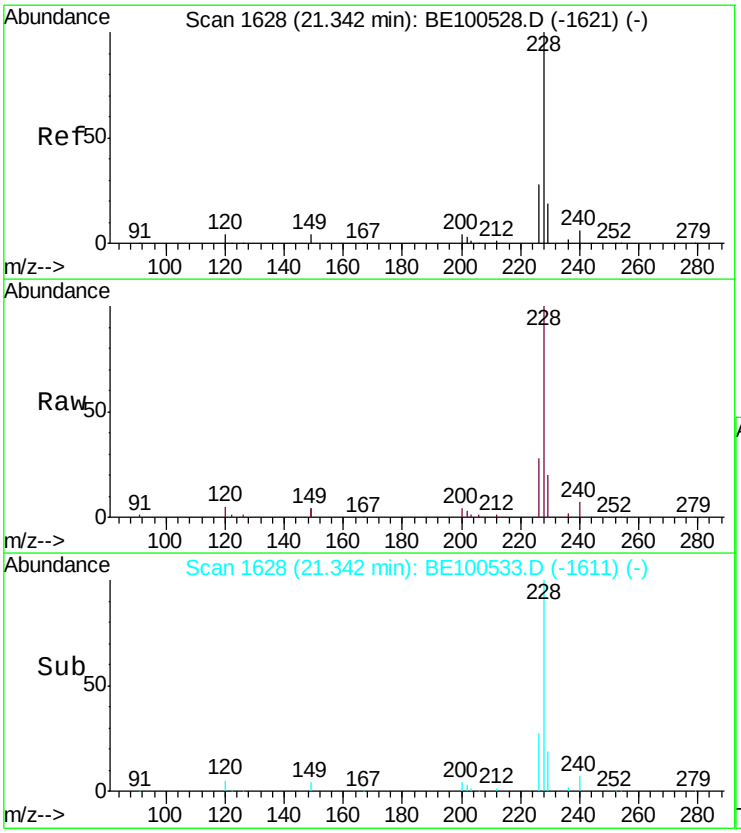

#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:244 Resp: 36776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 28.0 | 22.2 | 33.2 |
| 122 | 9.6 | 8.3 | 12.5 |

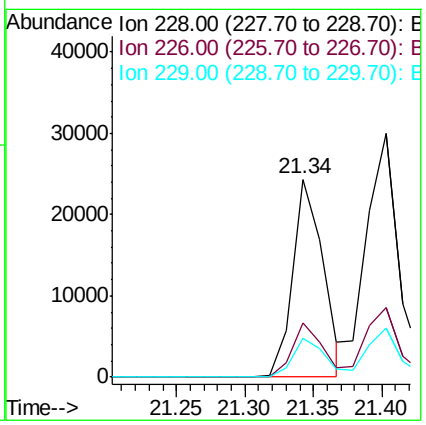


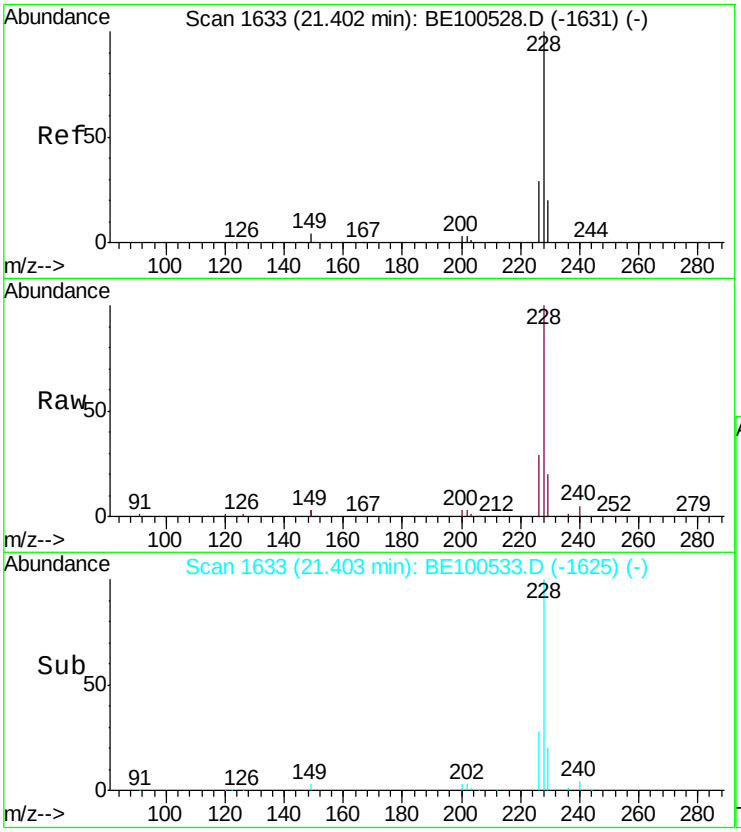




#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:228 Resp: 37292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.5 | 33.7 |
| 229 | 19.6 | 15.4 | 23.2 |



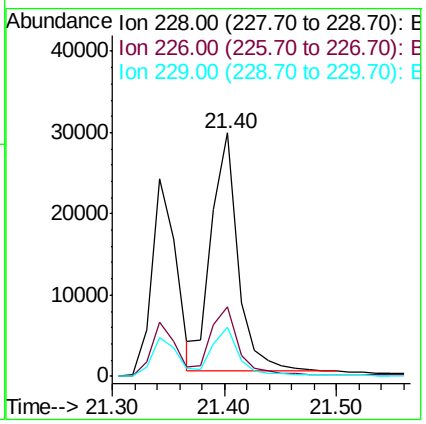


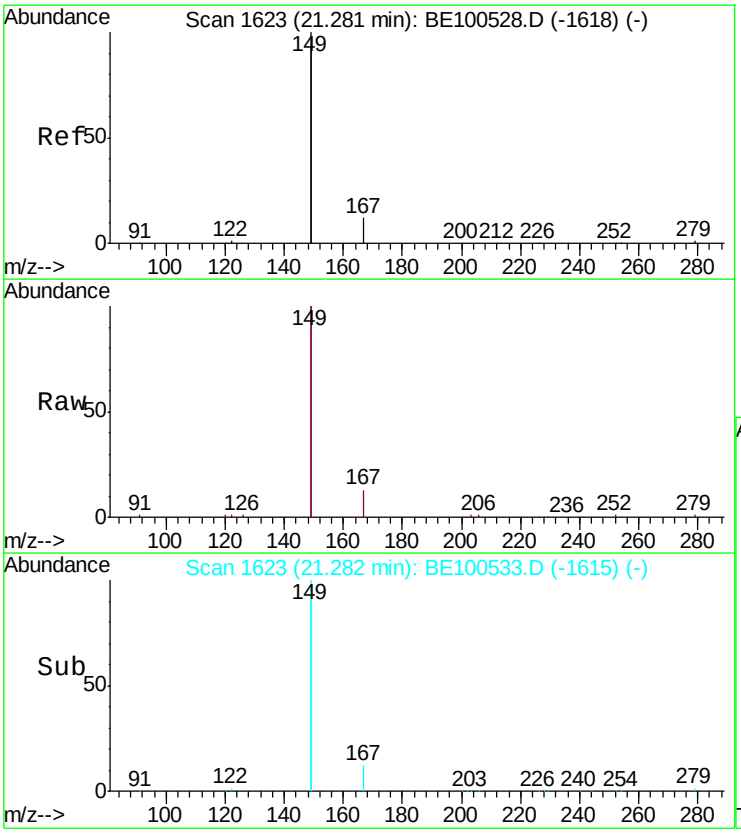

#31
Chrysene
Concen: 0.402 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:228 Resp: 48263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 23.3 | 34.9 |
| 229 | 20.2 | 16.3 | 24.5 |

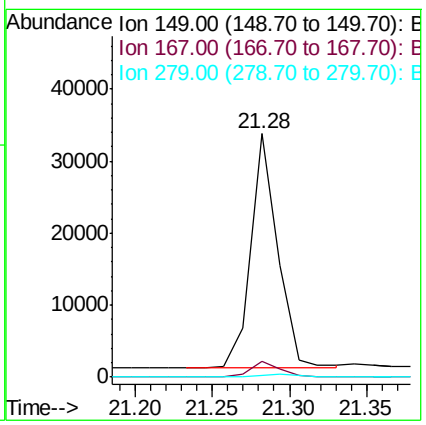


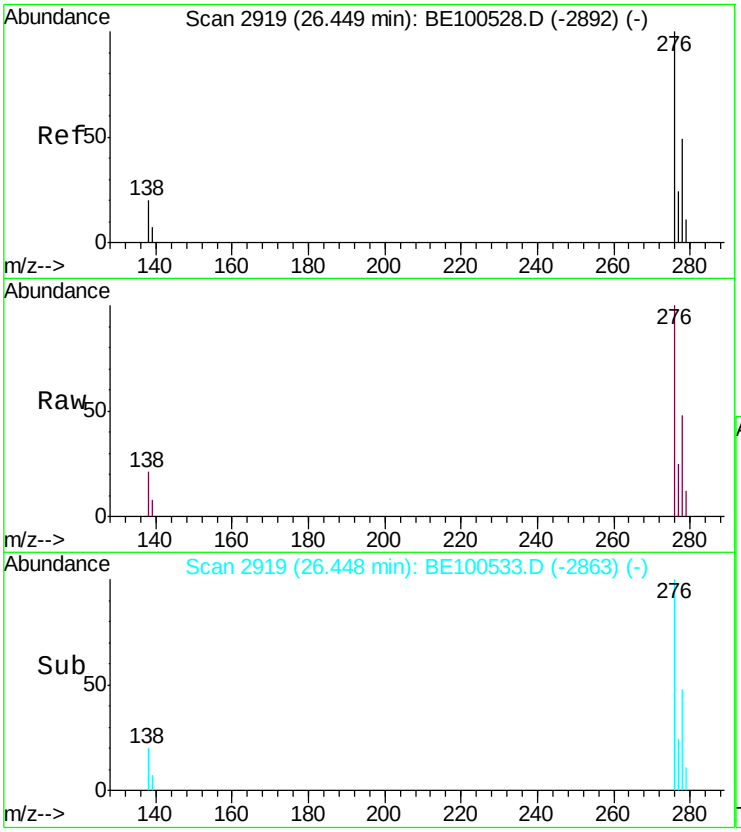




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:149 Resp: 39469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.5 | 5.2 | 7.8 |
| 279 | 1.1 | 1.0 | 1.4 |



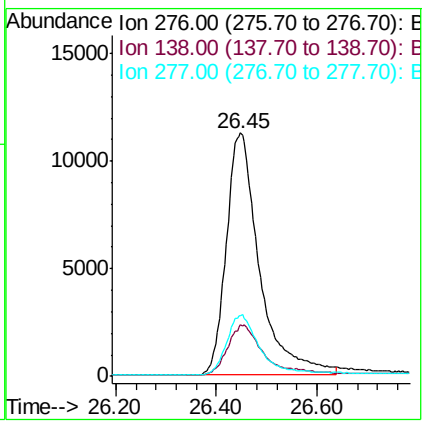


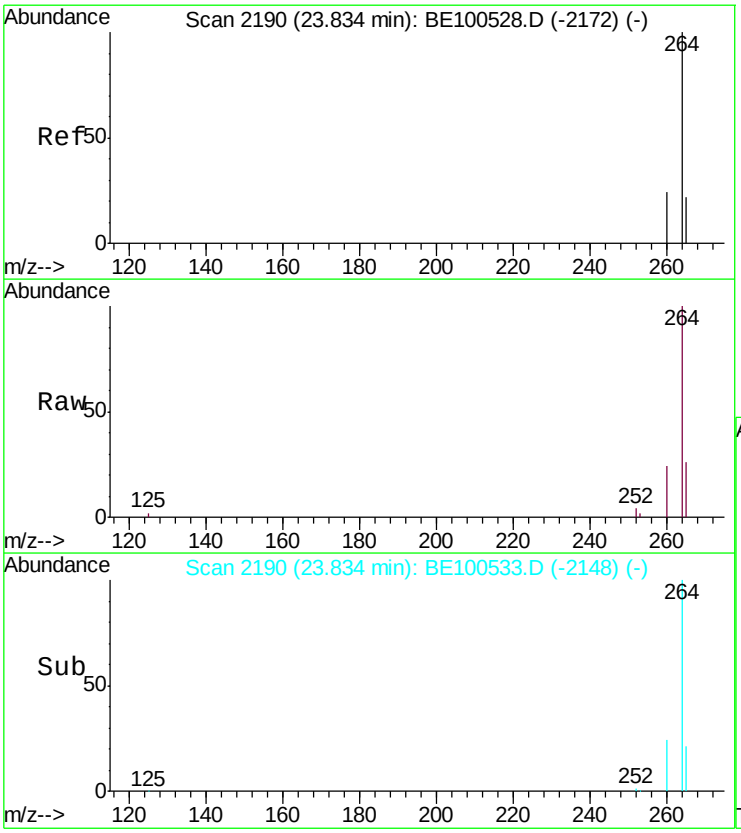

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:276 Resp: 51716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.3 | 17.7 | 26.5 |
| 277 | 24.8 | 19.9 | 29.9 |

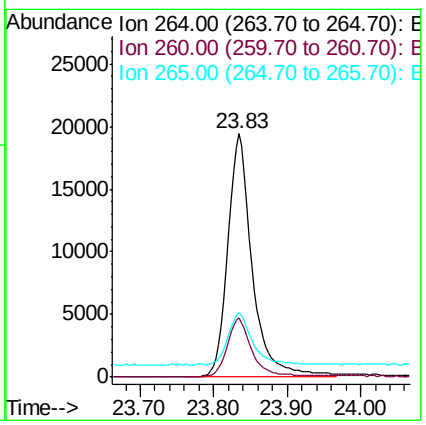


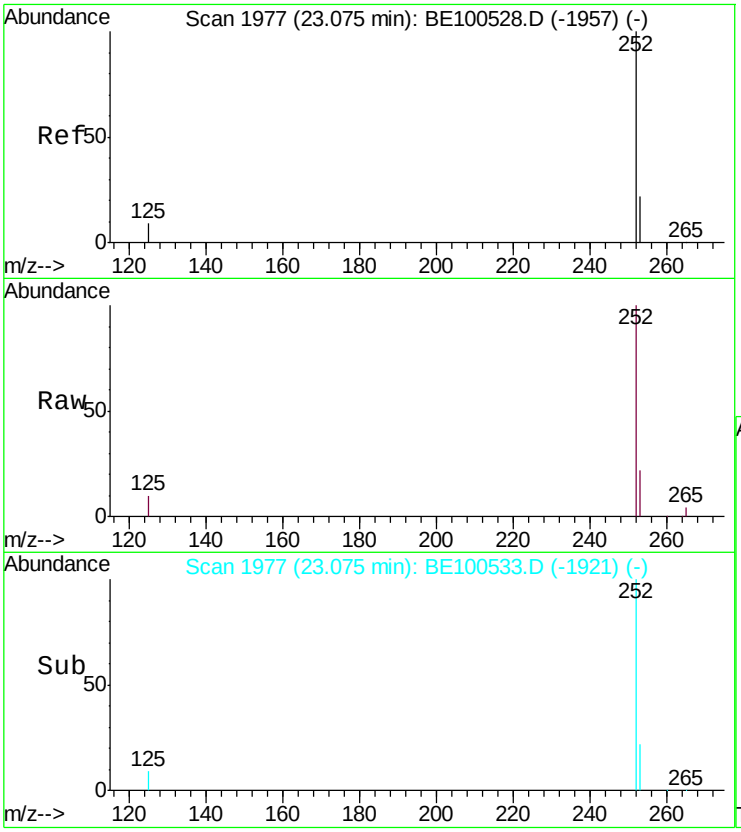




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:264 Resp: 44972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.6 | 29.4 |
| 265 | 26.4 | 21.8 | 32.8 |



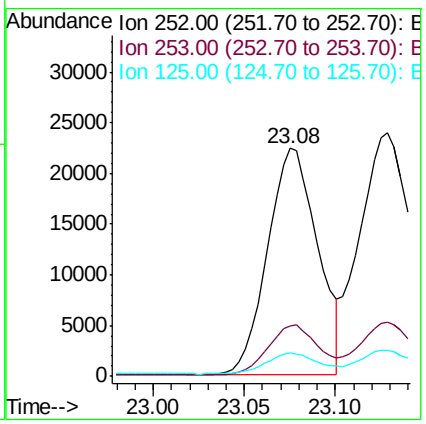


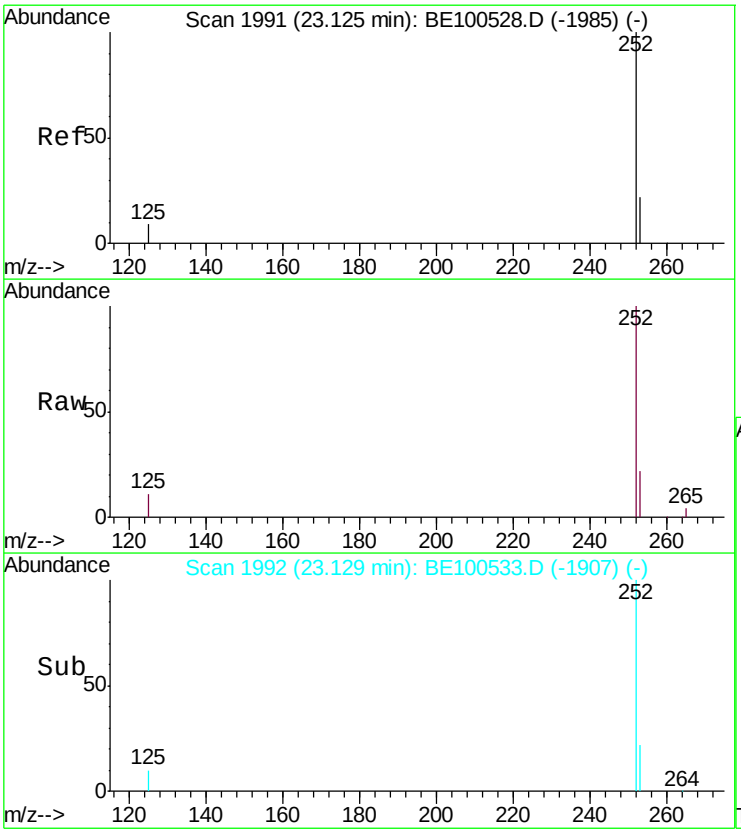

#35
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:252 Resp: 42555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.1 | 27.1 |
| 125 | 10.1 | 8.0 | 12.0 |

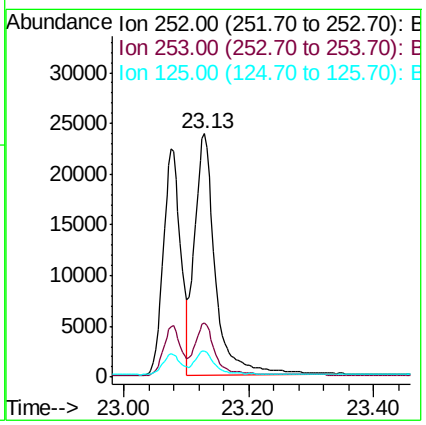


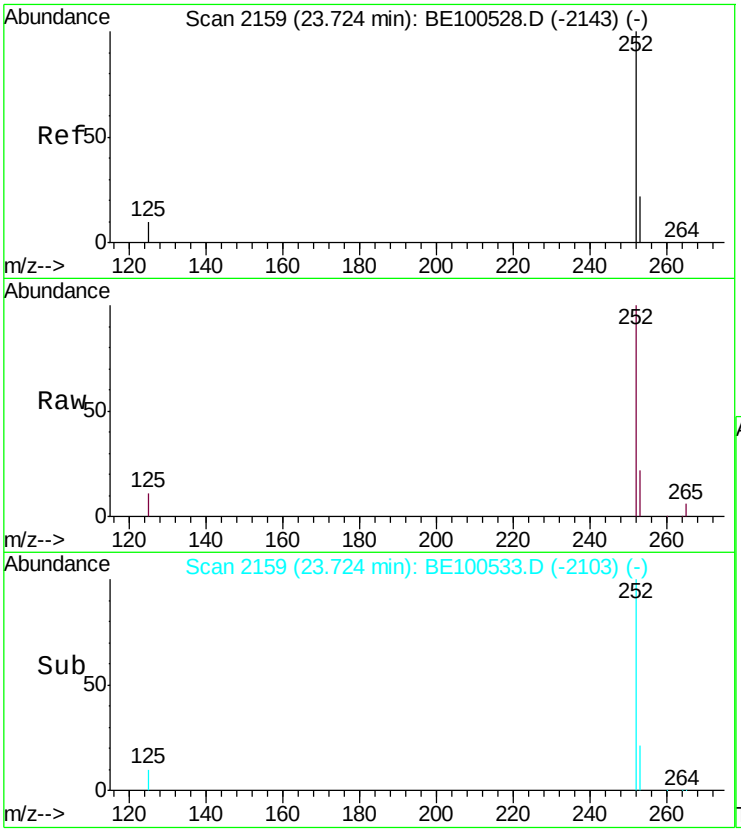




#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:252 Resp: 54426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.9 | 26.9 |
| 125 | 10.8 | 8.5 | 12.7 |



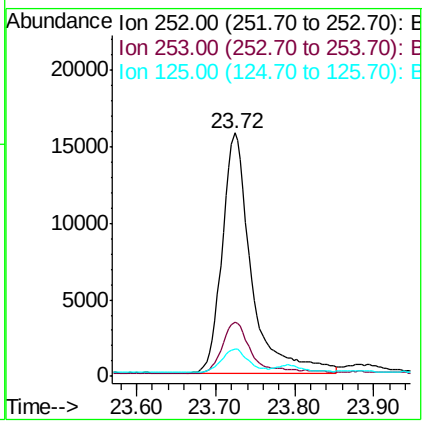


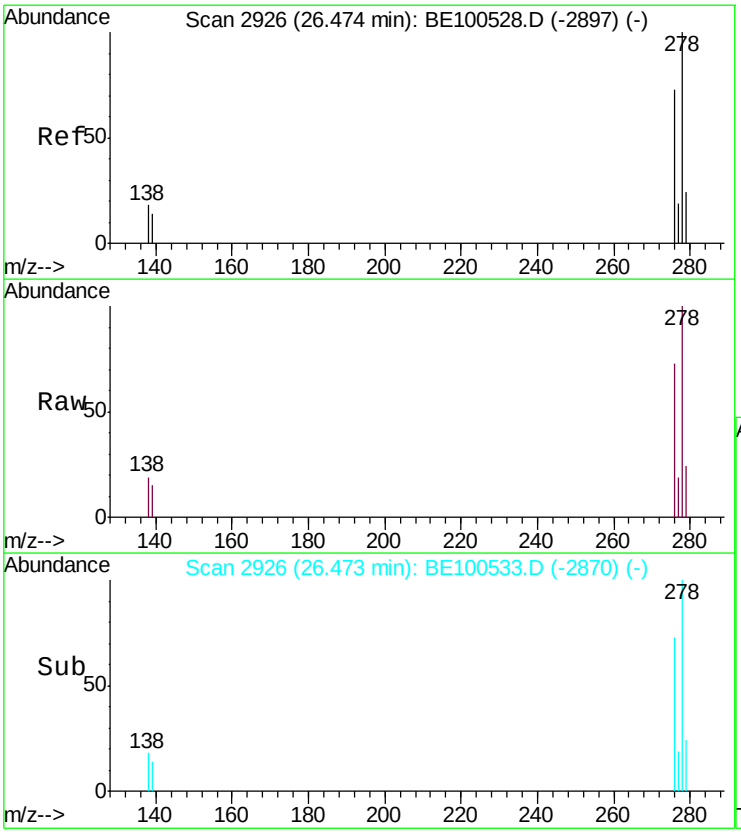

#37
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:252 Resp: 40367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.1 | 27.1 |
| 125 | 11.4 | 9.2 | 13.8 |

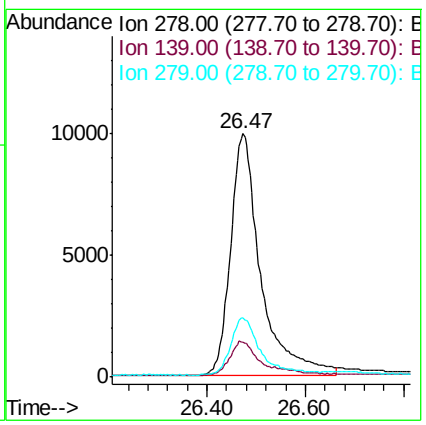


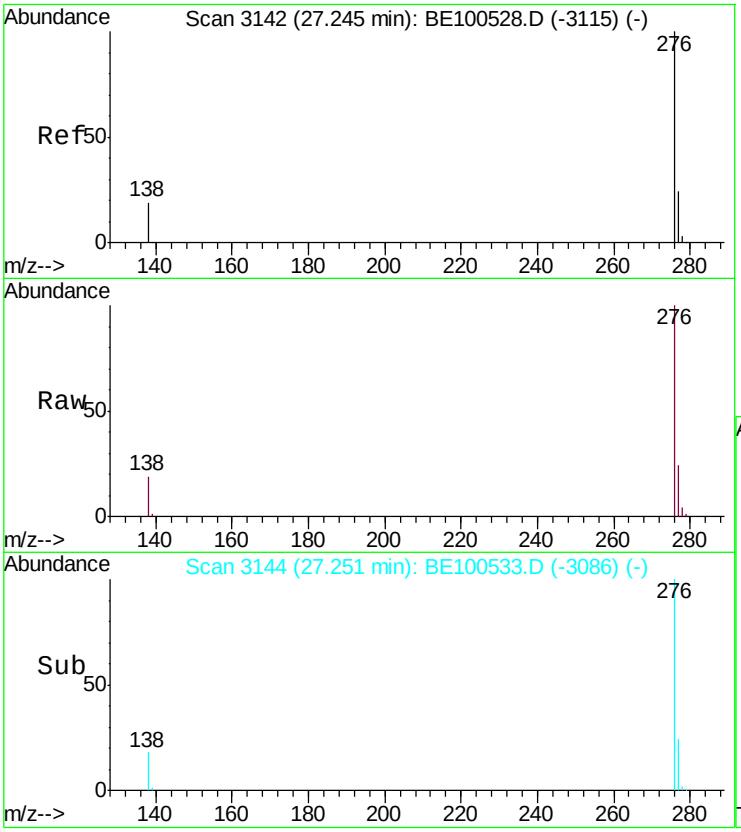




#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

Tgt Ion:278 Resp: 42533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.6 | 11.6 | 17.4 |
| 279 | 24.5 | 19.7 | 29.5 |






#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BE100533.D
Acq: 20 Sep 2019 18:32

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE092019

Tgt Ion:276 Resp: 45923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 18.9 | 15.7 | 23.5 |