Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
Data File : BE098627.D
Acq On : 15 Jan 2019 14:34
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Quant Time: Jan 15 15:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 1090 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 4913 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 3279 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 7700 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 8946 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.92 | 264 | 8687 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.40 | 112 | 1106 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 7.00 | 99 | 1652 | 0.40 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.97 | 82 | 1582 | 0.41 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 3027 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 557 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 4942 | 0.37 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 36280 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 7232 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 749 | 0.368 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.65 | 42 | 529 | 0.356 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.24 | 93 | 1124 | 0.359 | ng | | 95 |
| 9) Naphthalene | 10.65 | 128 | 18632 | 0.381 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.94 | 225 | 1357 | 0.388 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 3014 | 0.372 | ng | | 98 |
| 16) Acenaphthylene | 14.20 | 152 | 5294 | 0.373 | ng | | 99 |
| 17) Acenaphthene | 14.54 | 154 | 3341 | 0.375 | ng | | 99 |
| 18) Fluorene | 15.51 | 166 | 4360 | 0.376 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 1521 | 0.373 | ng | | 88 |
| 21) Hexachlorobenzene | 16.53 | 284 | 1905 | 0.387 | ng | | 97 |
| 22) Pentachlorophenol | 16.89 | 266 | 480 | 0.439 | ng | | 98 |
| 23) Phenanthrene | 17.27 | 178 | 6989 | 0.383 | ng | | 100 |
| 24) Anthracene | 17.36 | 178 | 5773 | 0.369 | ng | | 99 |
| 26) Fluoranthene | 19.29 | 202 | 8820 | 0.376 | ng | | 99 |
| 28) Pyrene | 19.65 | 202 | 9255 | 0.376 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 9091 | 0.378 | ng | | 98 |
| 31) Chrysene | 21.45 | 228 | 9613 | 0.386 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 17677 | 0.346 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.57 | 276 | 10109 | 0.393 | ng | # | 89 |
| 35) Benzo(b)fluoranthene | 23.15 | 252 | 8839 | 0.373 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.20 | 252 | 9810 | 0.379 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.81 | 252 | 8692 | 0.373 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.60 | 278 | 8387 | 0.407 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.38 | 276 | 8765 | 0.388 | ng | | 98 |

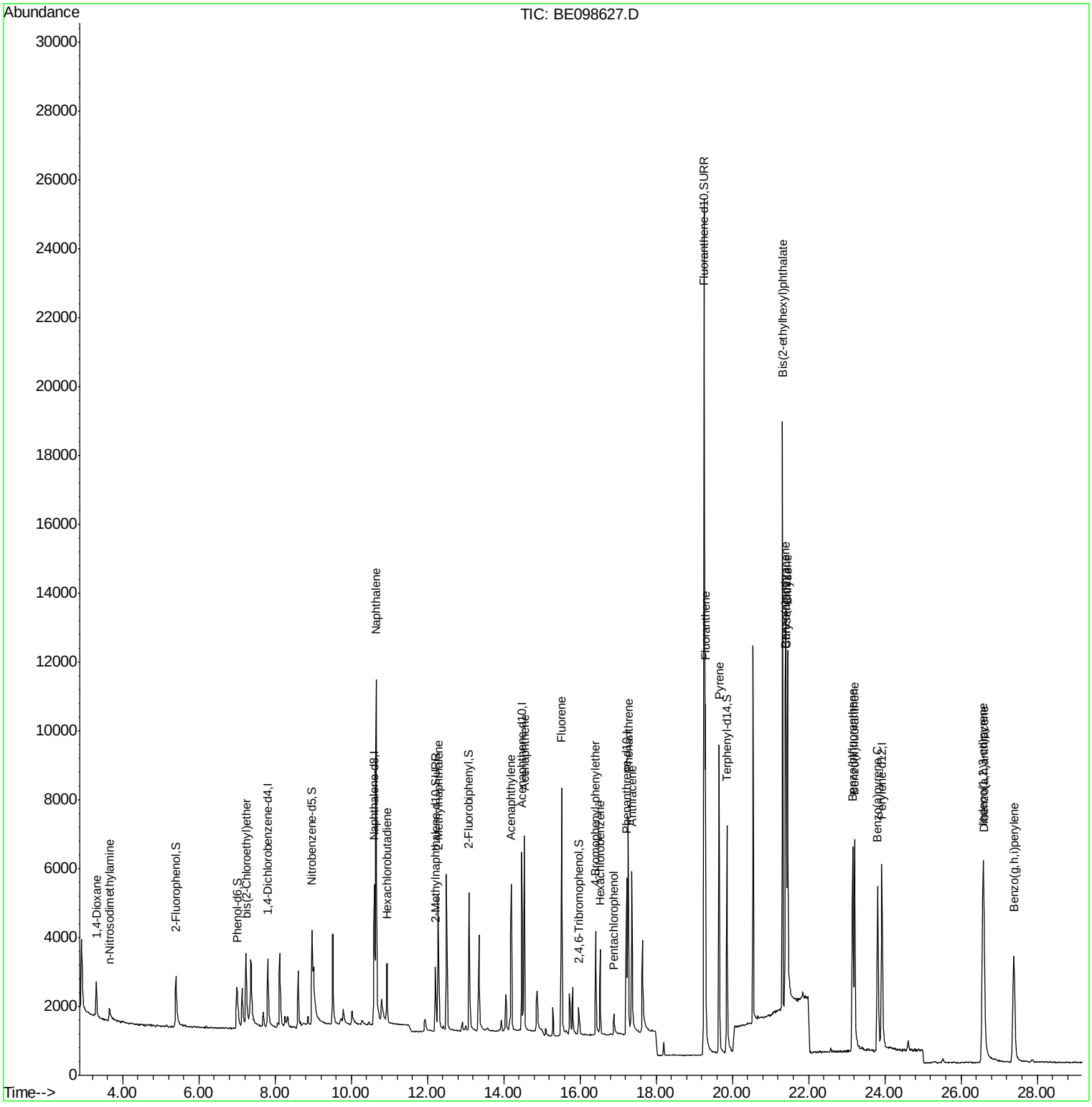
(#) = qualifier out of range (m) = manual integration (+) = signals summed

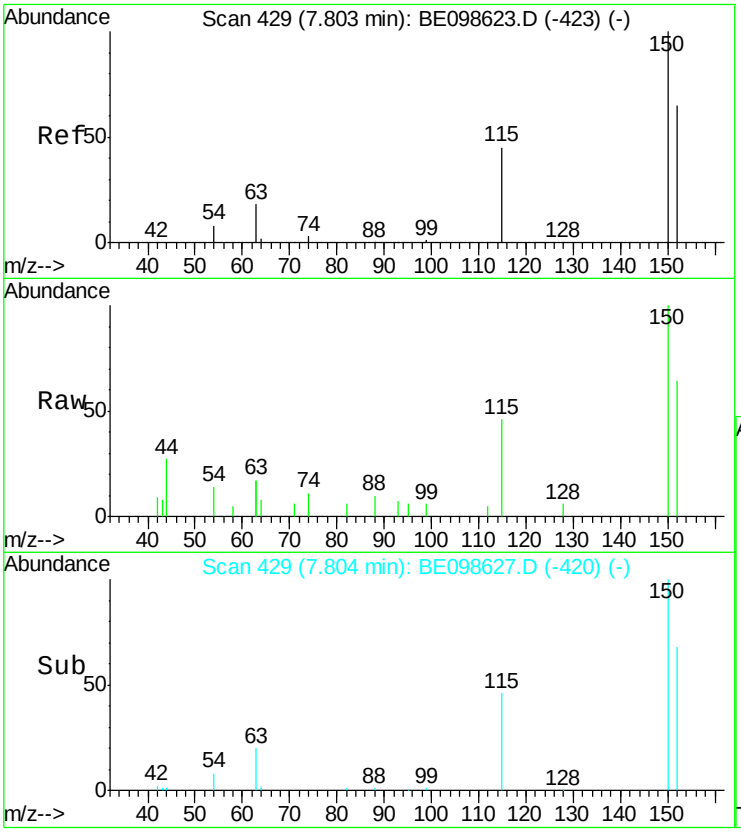
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
Data File : BE098627.D
Acq On : 15 Jan 2019 14:34
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Quant Time: Jan 15 15:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



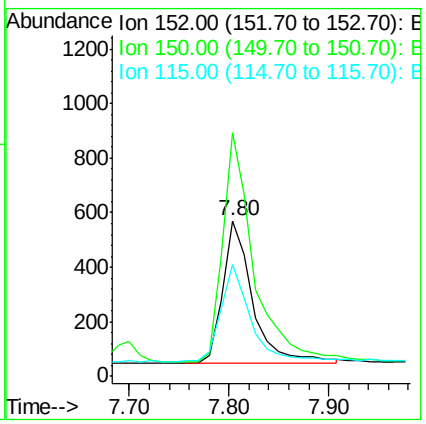


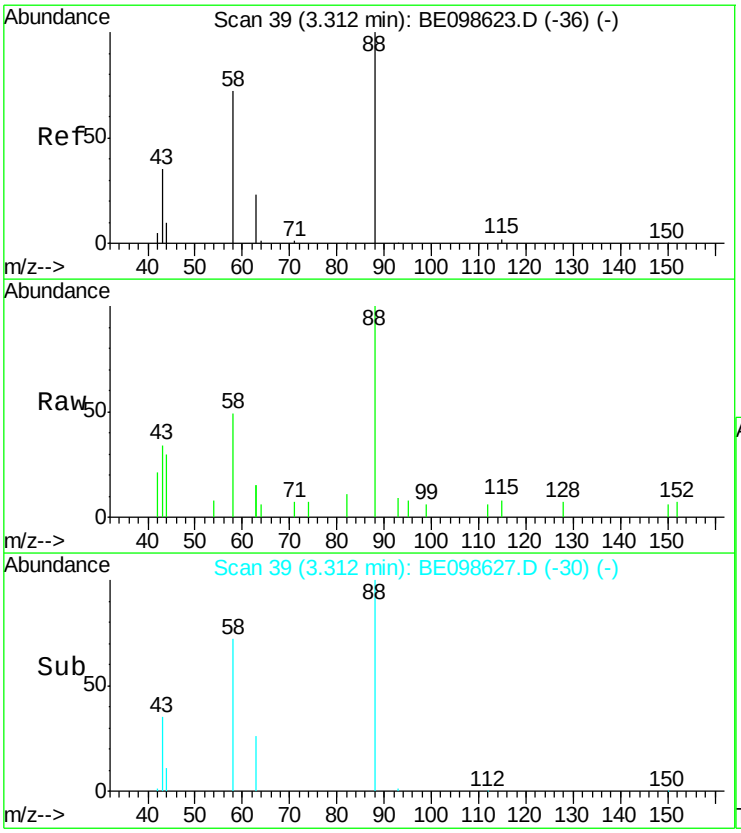

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:152 Resp: 1090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 121.4 | 182.2 |
| 115 | 72.1 | 59.1 | 88.7 |

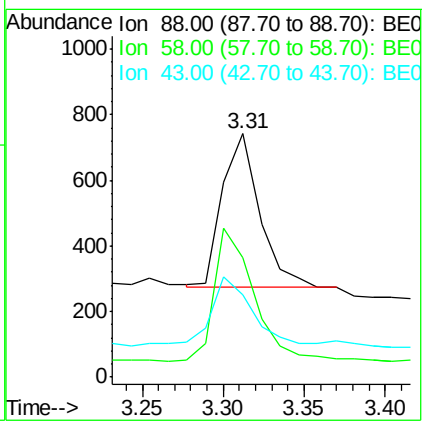


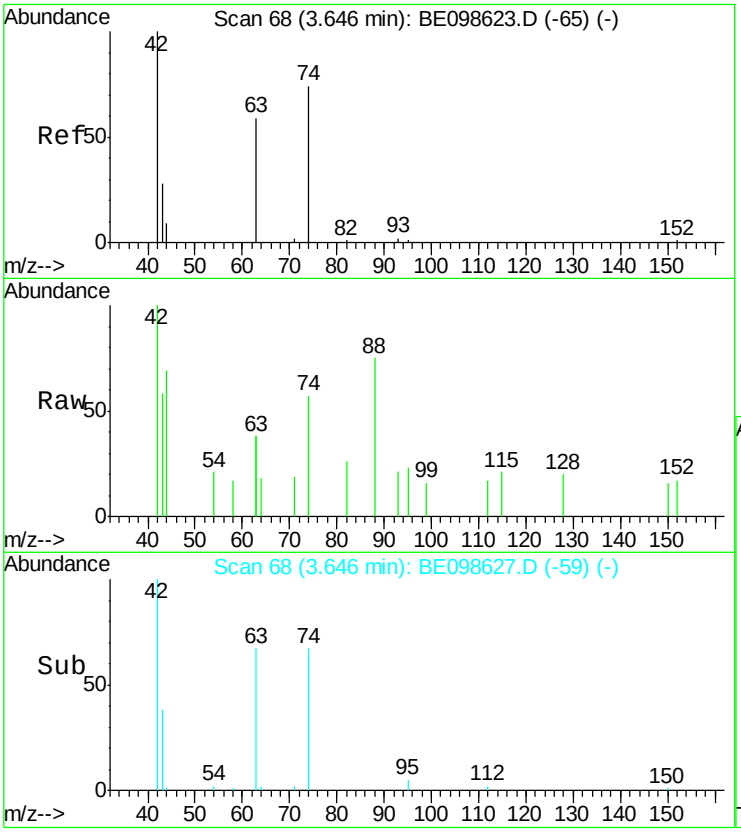




#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion: 88 Resp: 749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.7 | 73.9 | 110.9 |
| 43 | 49.7 | 43.7 | 65.5 |



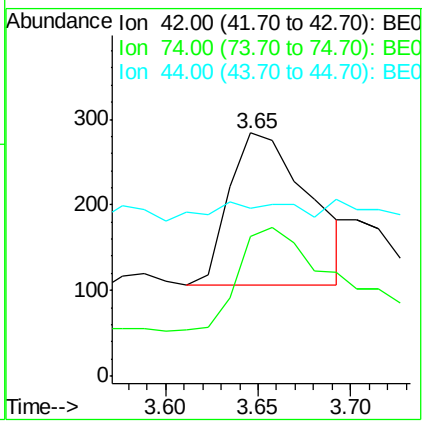


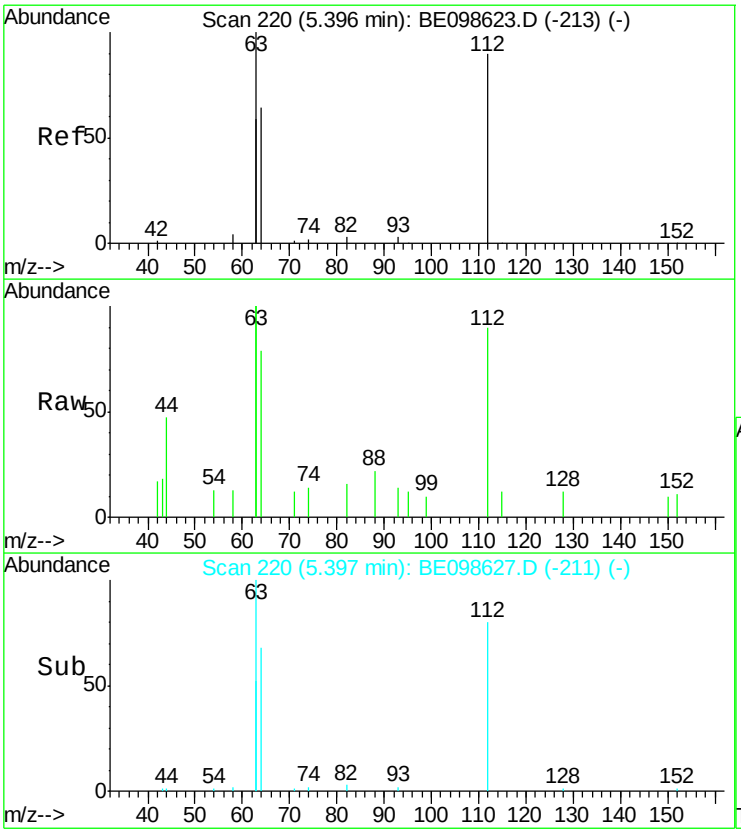

#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion: 42 Resp: 529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 73.5 | 58.9 | 88.3 |
| 44 | 0.0 | 0.0 | 0.0 |

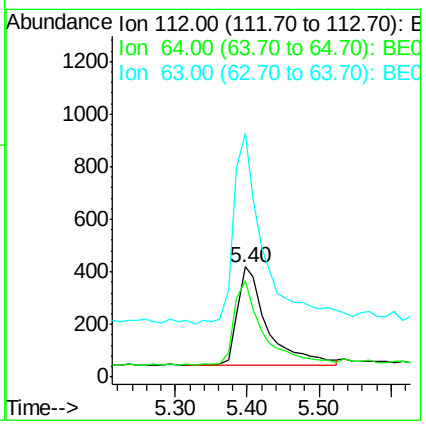


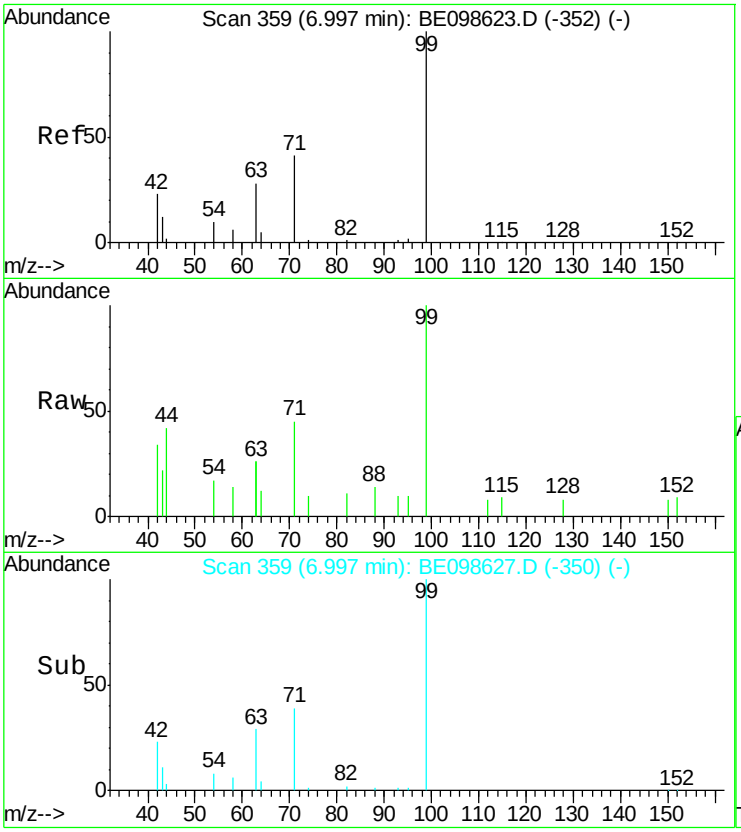




#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:112 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 80.7 | 62.9 | 94.3 |
| 63 | 196.3 | 152.2 | 228.4 |



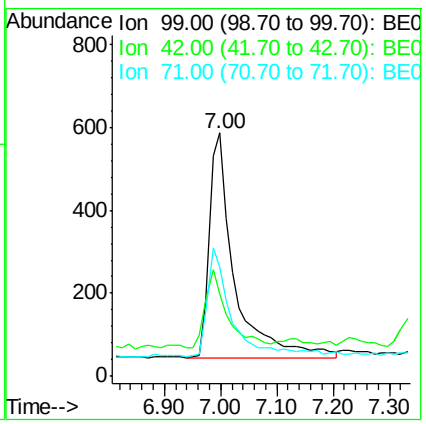


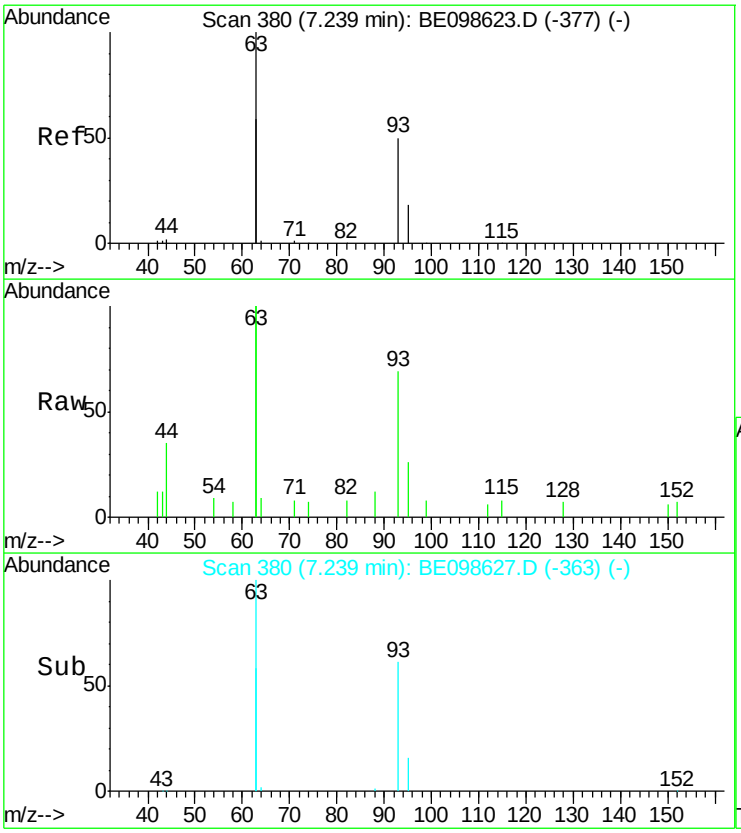

#5
Phenol-d6
Concen: 0.399 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion: 99 Resp: 1652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.1 | 24.6 | 37.0 |
| 71 | 44.1 | 35.1 | 52.7 |

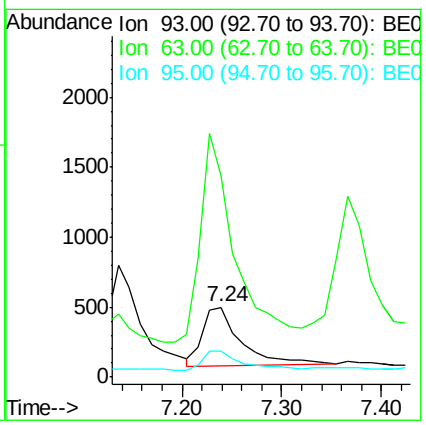


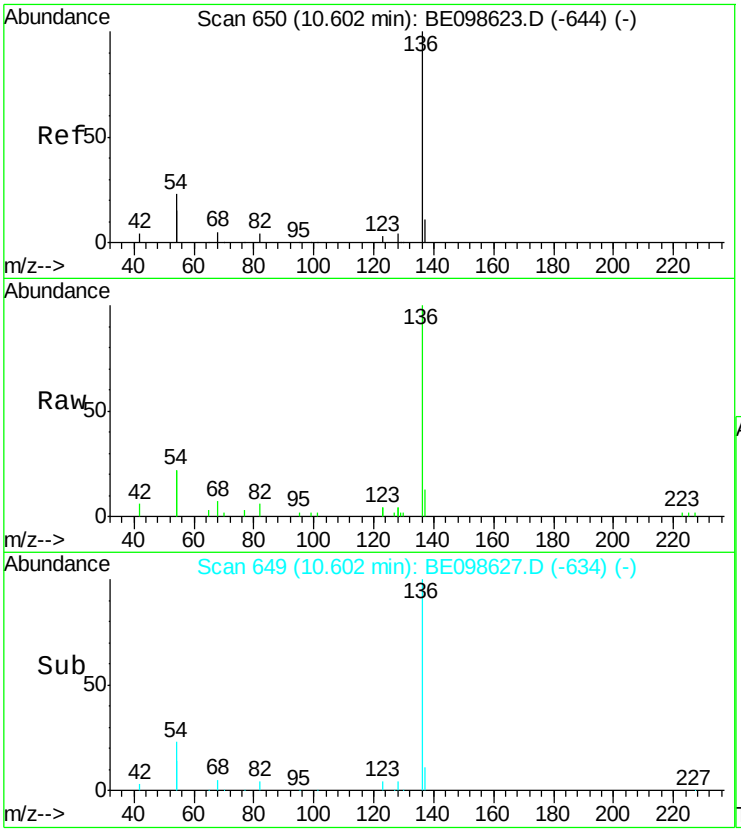




#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion: 93 Resp: 1124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 323.8 | 267.3 | 400.9 |
| 95 | 31.8 | 26.2 | 39.4 |



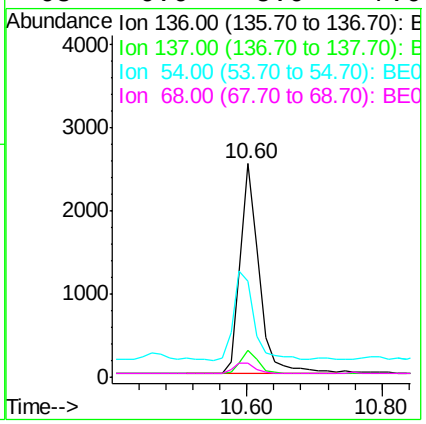


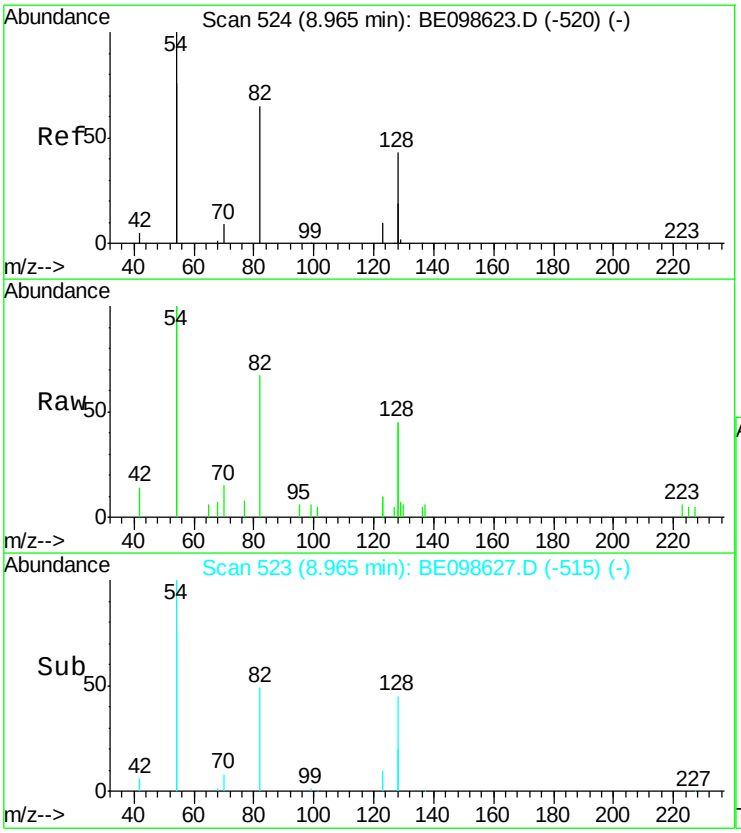

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:136 Resp: 4913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 9.7 | 14.5 |
| 54 | 44.9 | 35.5 | 53.3 |
| 68 | 6.6 | 5.0 | 7.6 |

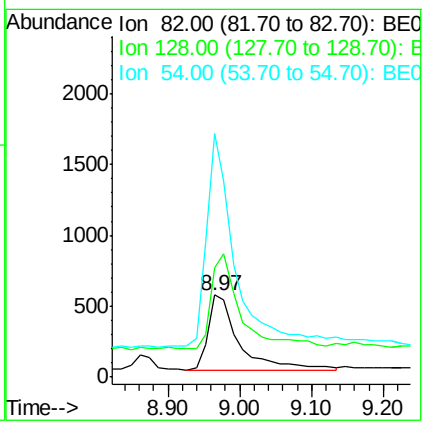


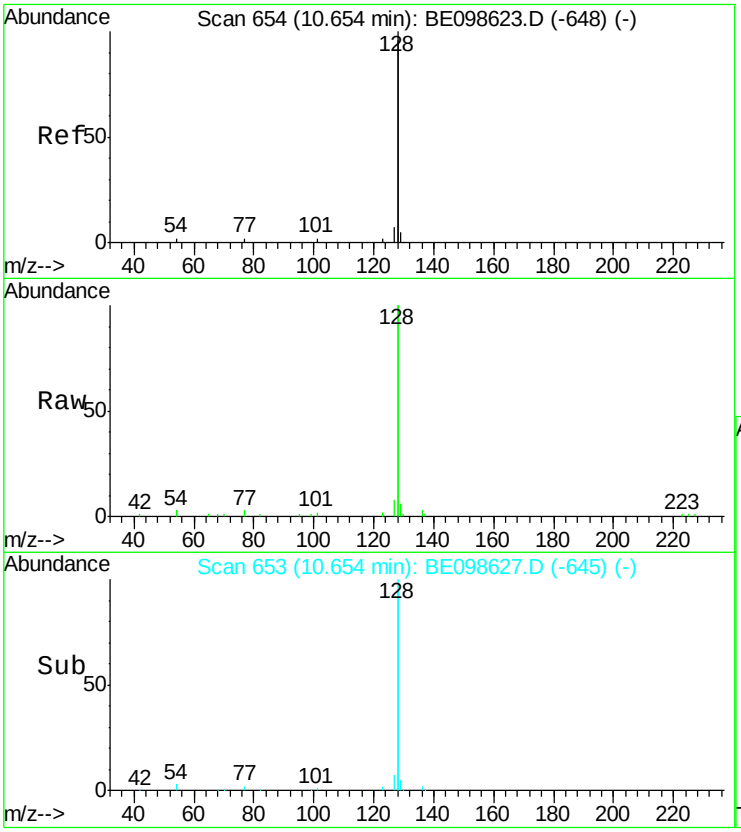




#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion: 82 Resp: 1582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 133.6 | 96.5 | 144.7 |
| 54 | 297.2 | 224.7 | 337.1 |



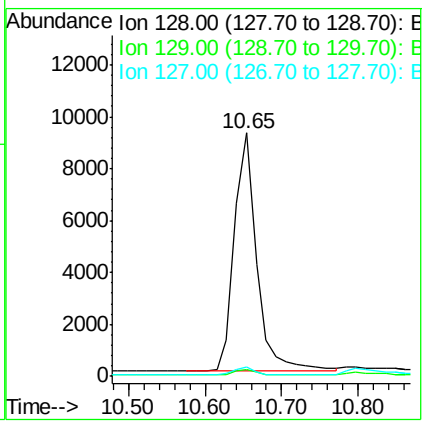


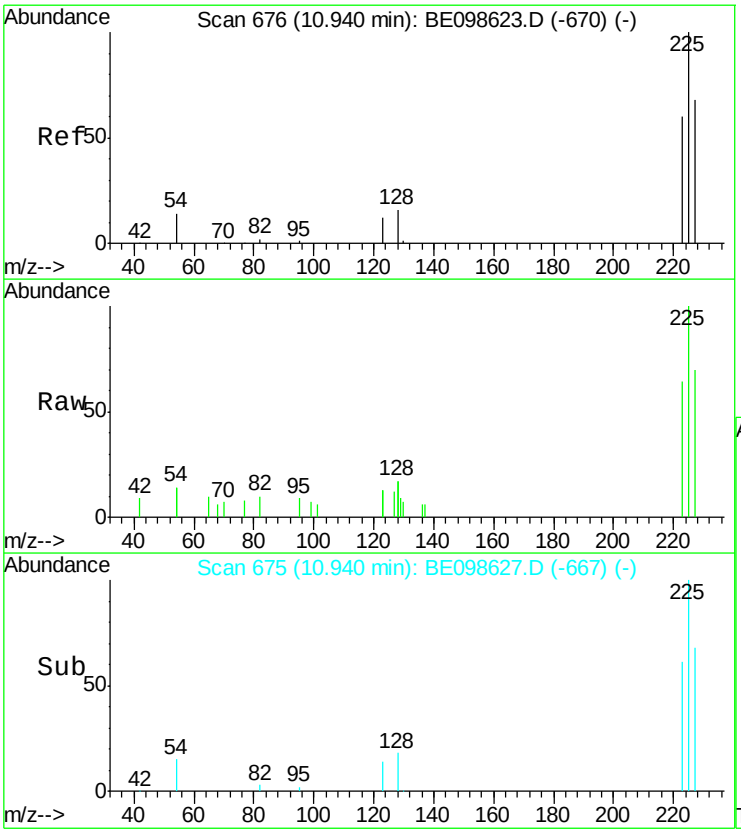

#9
Naphthalene
Concen: 0.381 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:128 Resp: 18632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.0 | 2.6 | 3.8 |
| 127 | 3.8 | 3.0 | 4.6 |

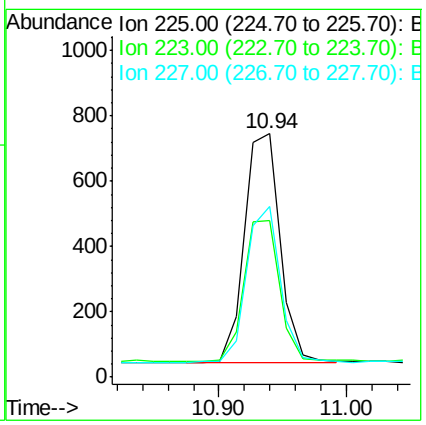


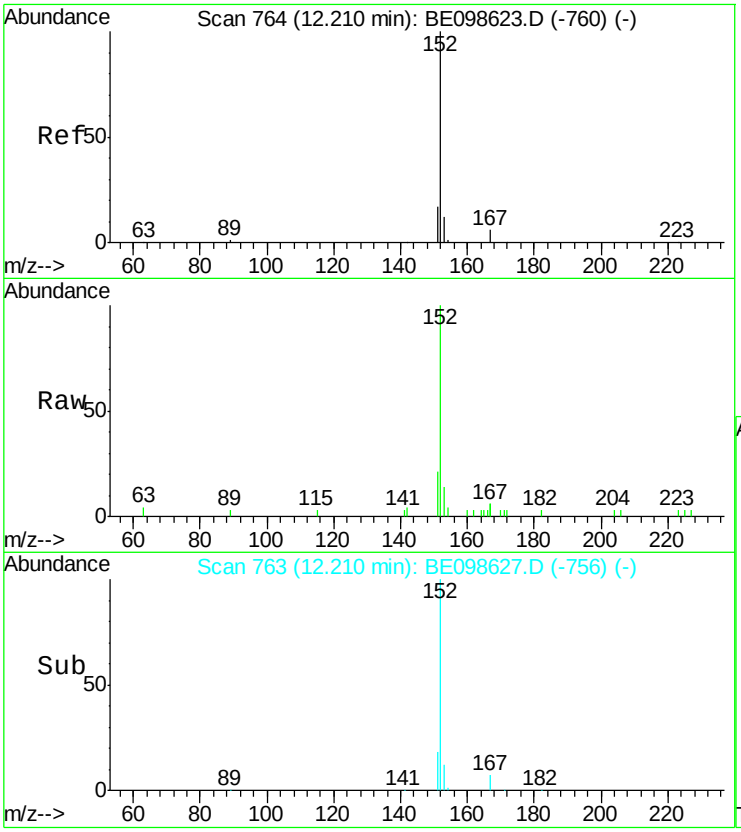




#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:225 Resp: 1357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 47.8 | 71.8 |
| 227 | 65.4 | 50.5 | 75.7 |



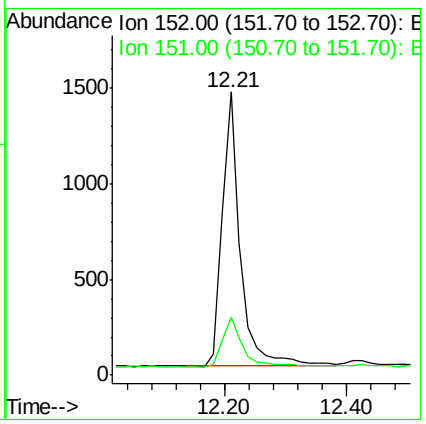


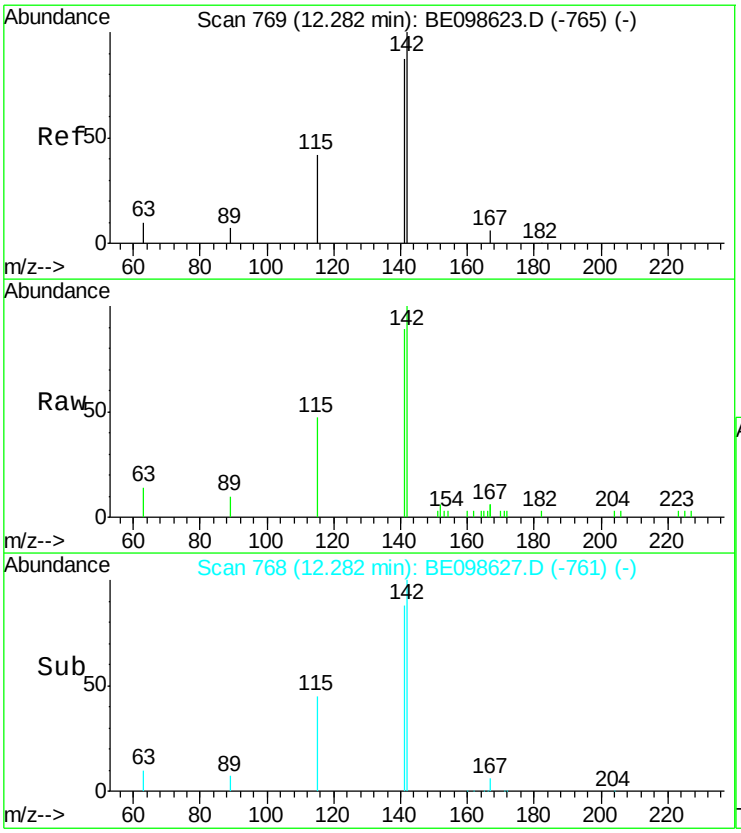

#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:152 Resp: 3027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.4 |

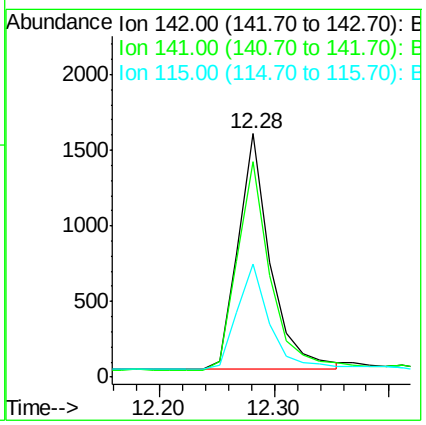


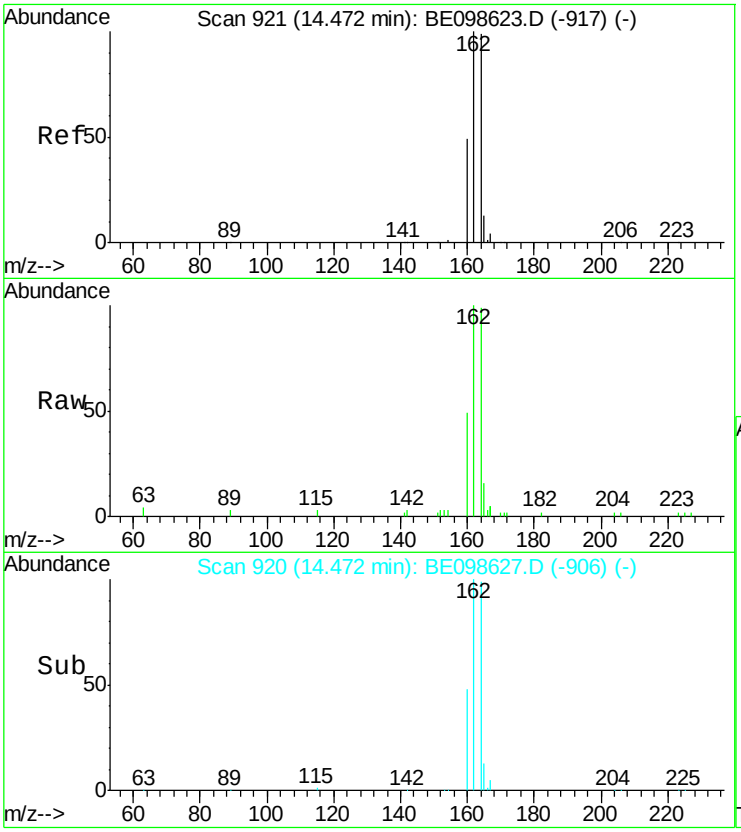




#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:142 Resp: 3014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 70.0 | 105.0 |
| 115 | 46.6 | 35.2 | 52.8 |



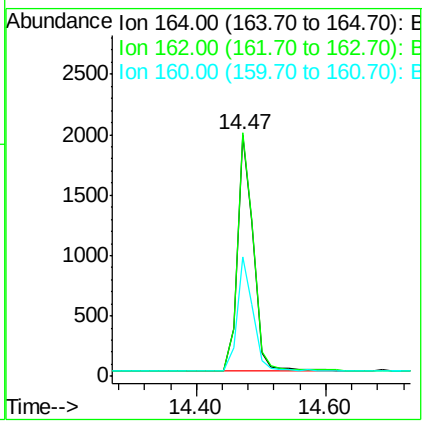


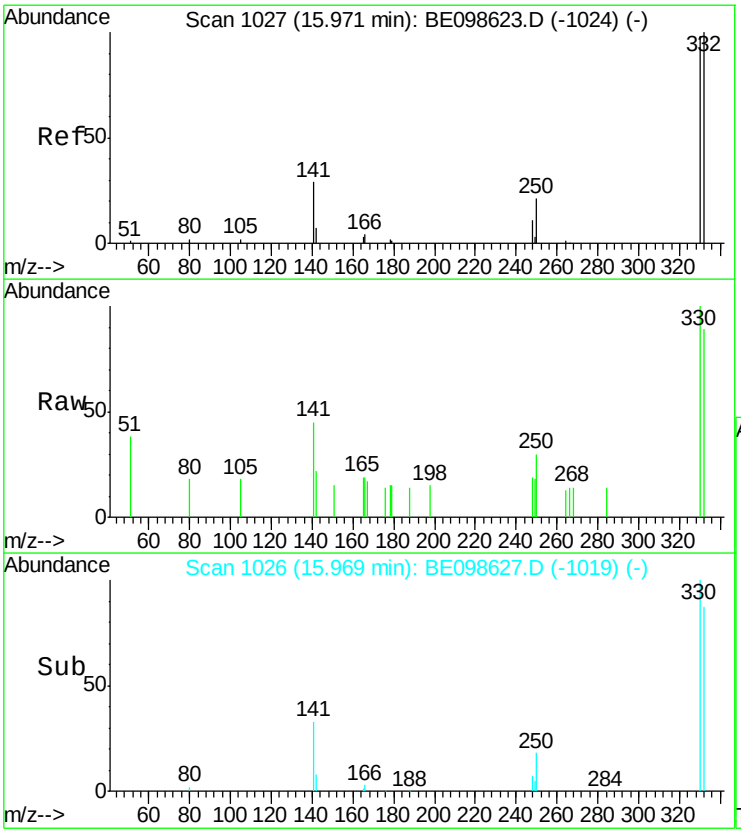

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:164 Resp: 3279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.5 | 120.7 |
| 160 | 49.6 | 40.1 | 60.1 |

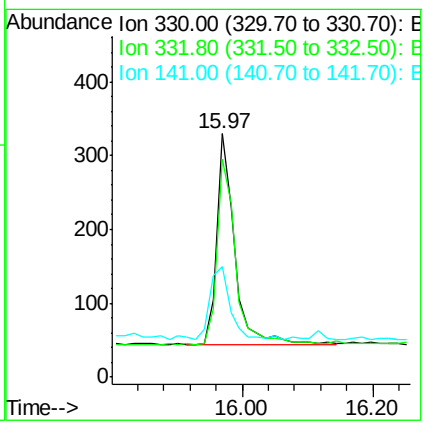


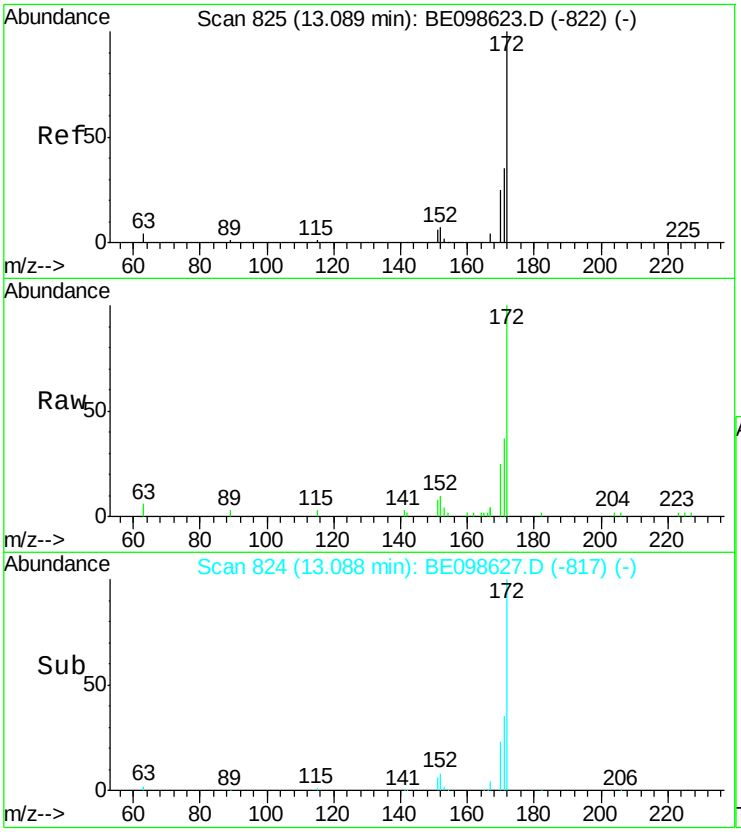




#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:330 Resp: 557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 91.9 | 73.3 | 109.9 |
| 141 | 34.6 | 33.1 | 49.7 |



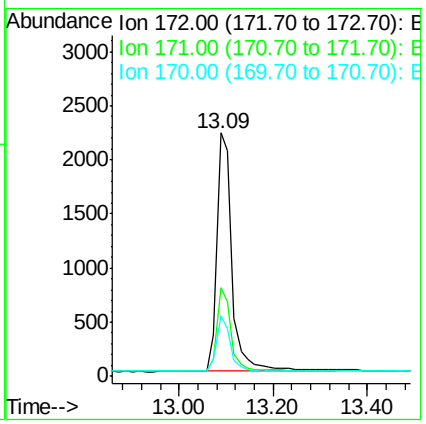


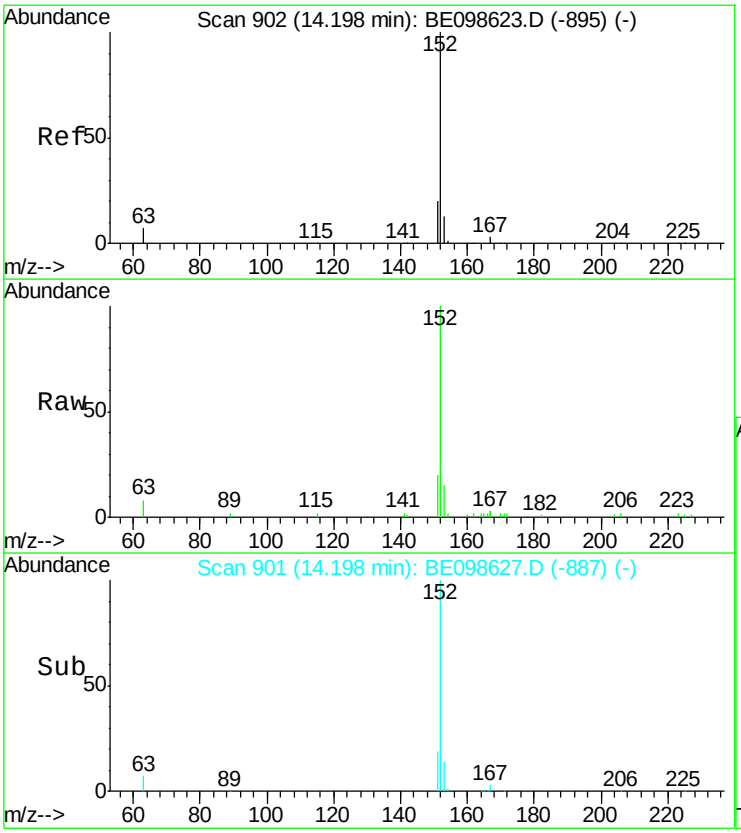

#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:172 Resp: 4942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.0 | 43.4 |
| 170 | 24.6 | 20.8 | 31.2 |

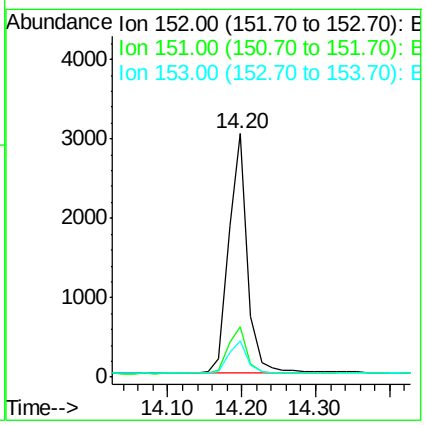


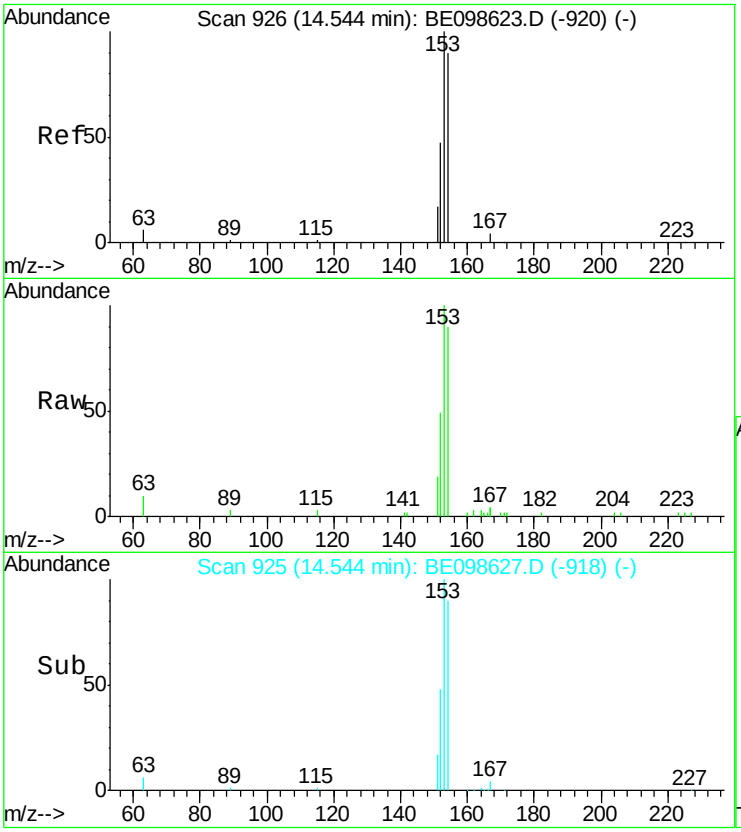




#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:152 Resp: 5294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.3 | 24.5 |
| 153 | 13.7 | 10.7 | 16.1 |



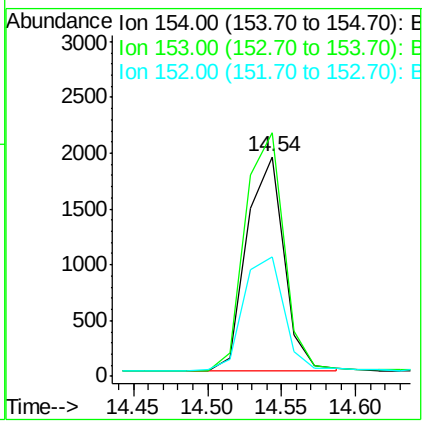


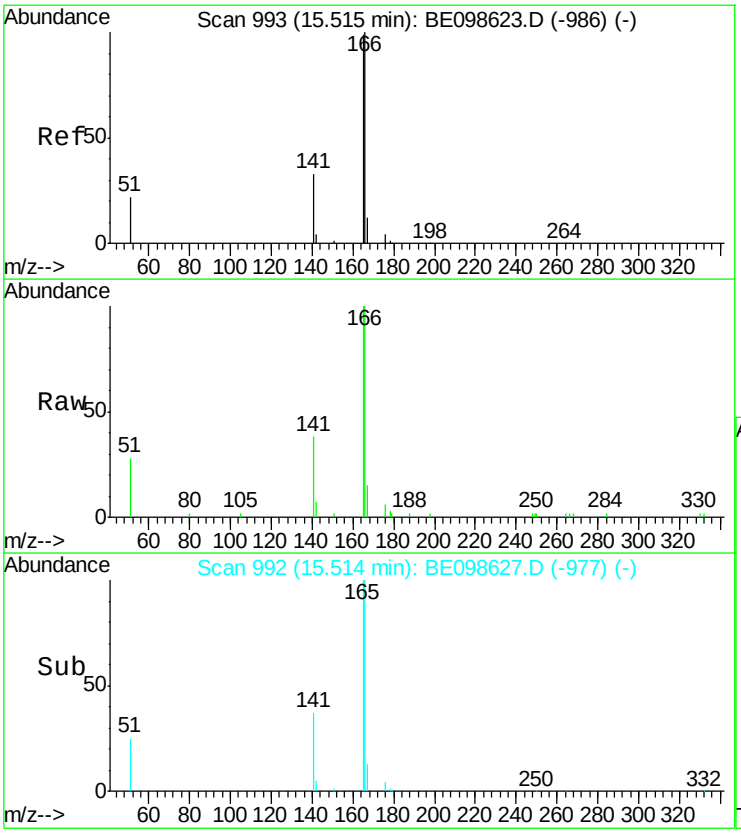

#17
Acenaphthene
Concen: 0.375 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:154 Resp: 3341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.1 | 93.9 | 140.9 |
| 152 | 57.9 | 45.8 | 68.8 |

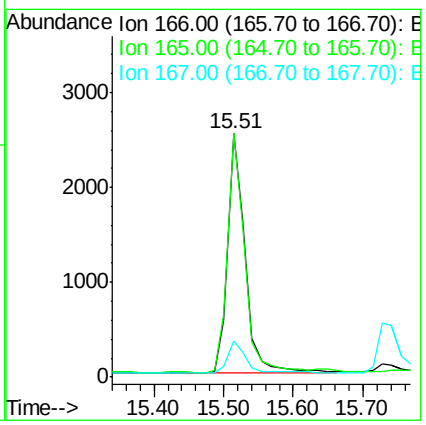


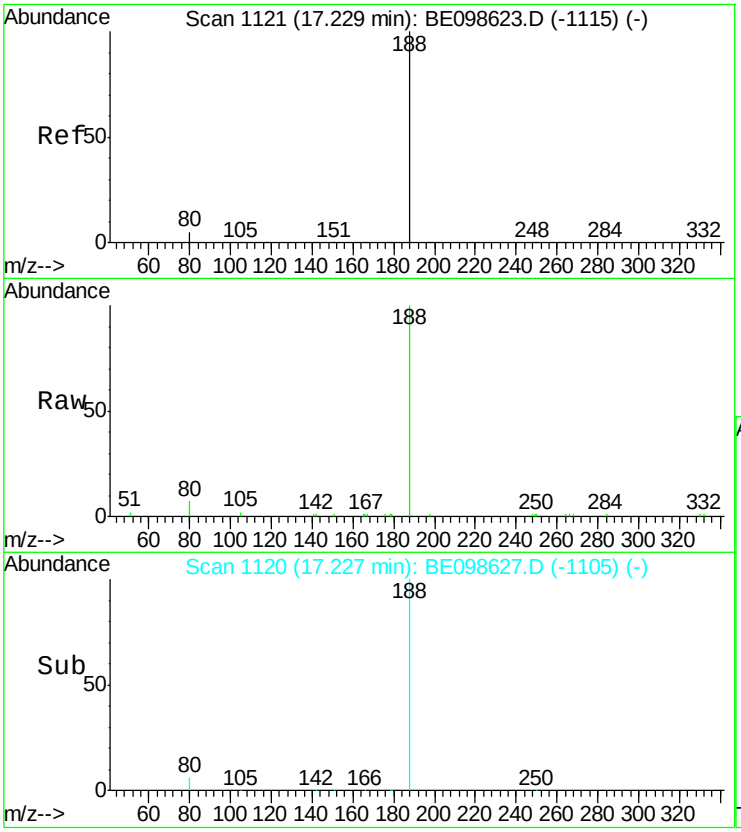




#18
Fluorene
Concen: 0.376 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:166 Resp: 4360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 79.3 | 118.9 |
| 167 | 13.2 | 10.6 | 15.8 |



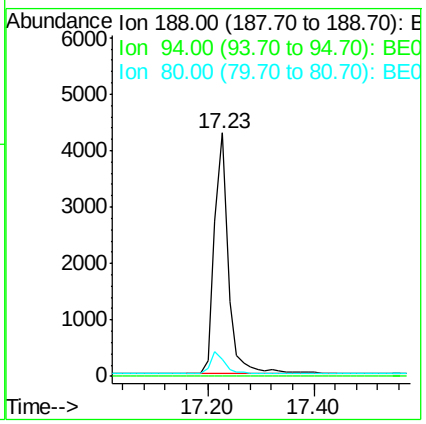


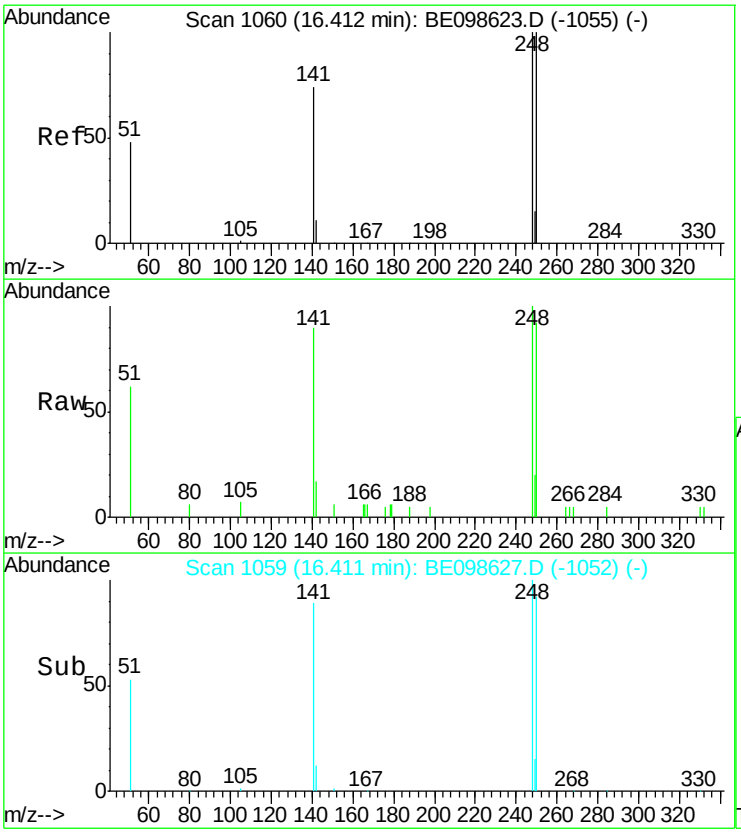

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:188 Resp: 7700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.9 | 4.7 | 7.1 |

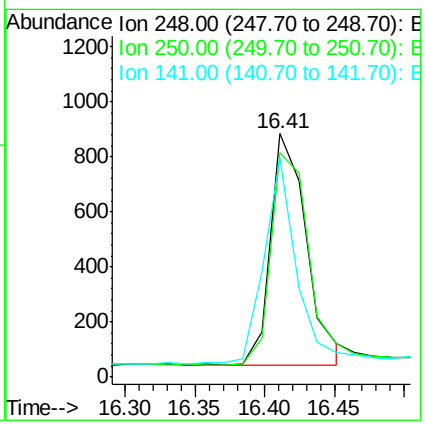


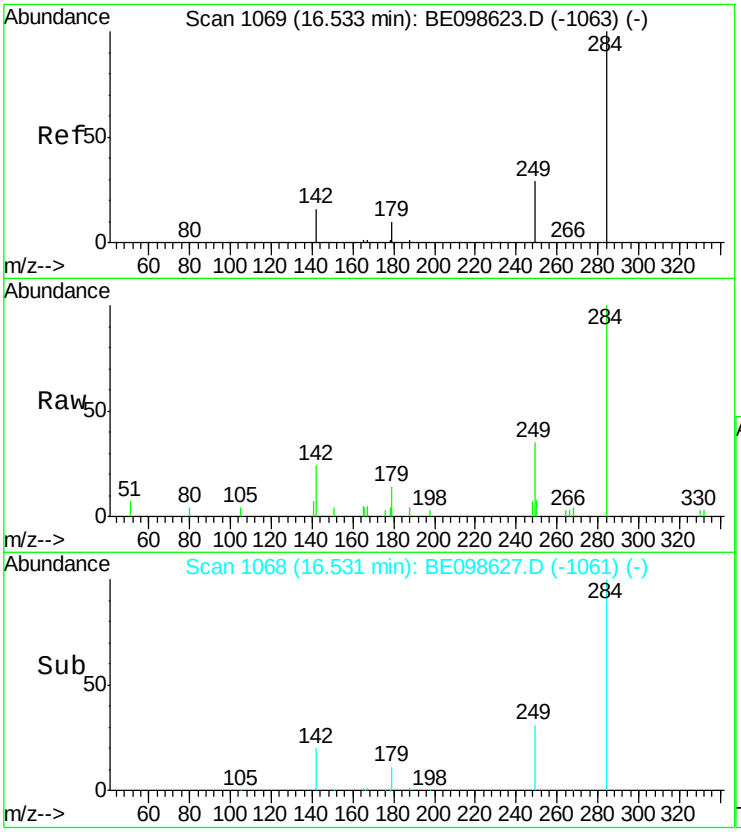




#20
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:248 Resp: 1521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 92.2 | 80.2 | 120.4 |
| 141 | 89.9 | 60.5 | 90.7 |



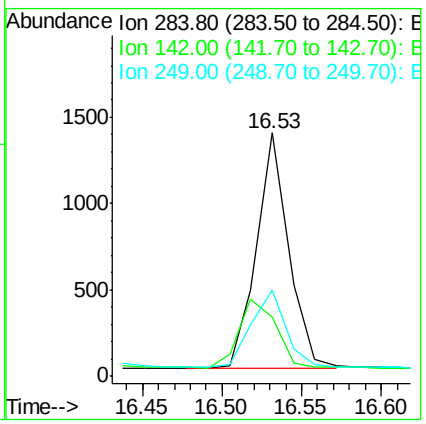


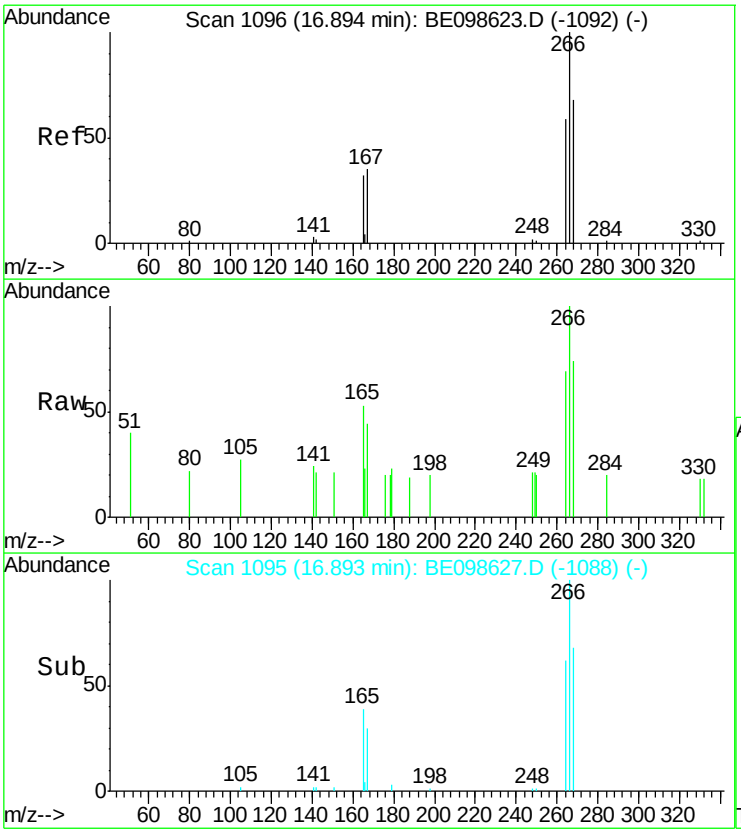

#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:284 Resp: 1905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.6 | 25.5 | 38.3 |
| 249 | 35.0 | 26.6 | 39.8 |

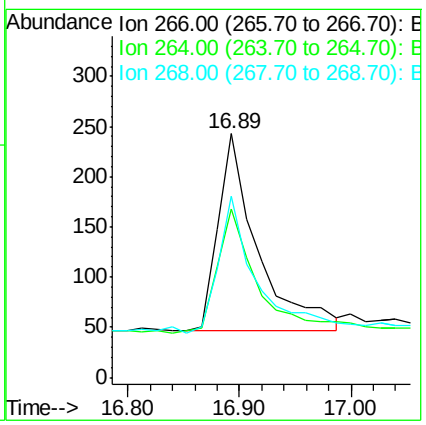


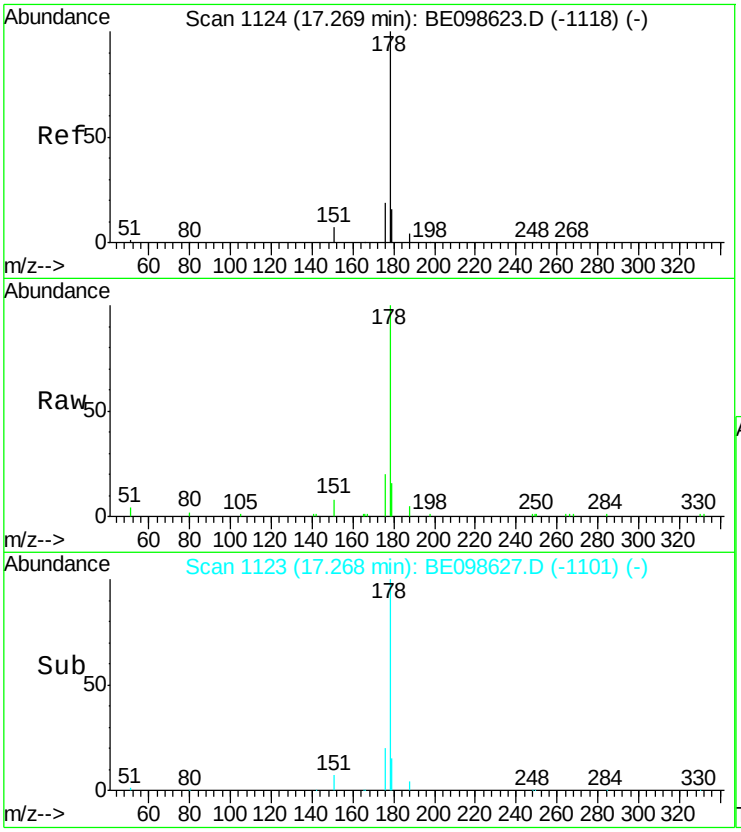




#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:266 Resp: 480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 69.1 | 53.7 | 80.5 |
| 268 | 74.1 | 59.8 | 89.8 |



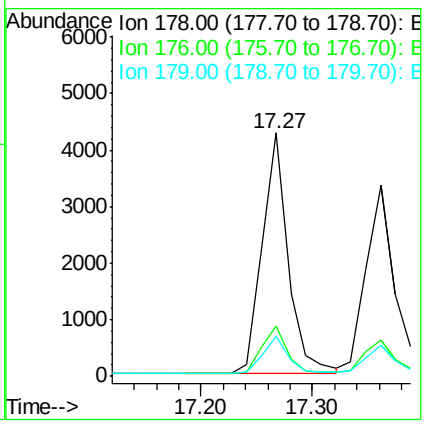


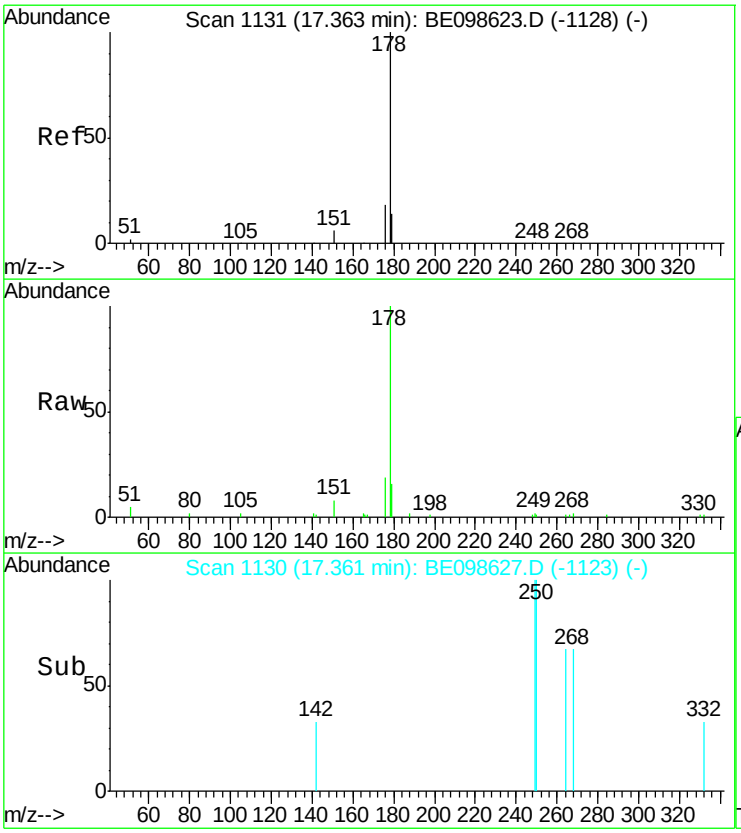

#23
Phenanthrene
Concen: 0.383 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:178 Resp: 6989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.9 | 23.9 |
| 179 | 15.3 | 12.2 | 18.4 |

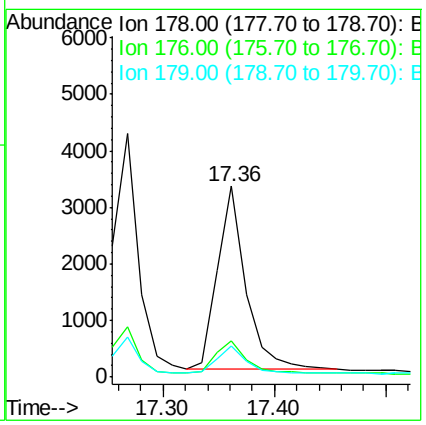


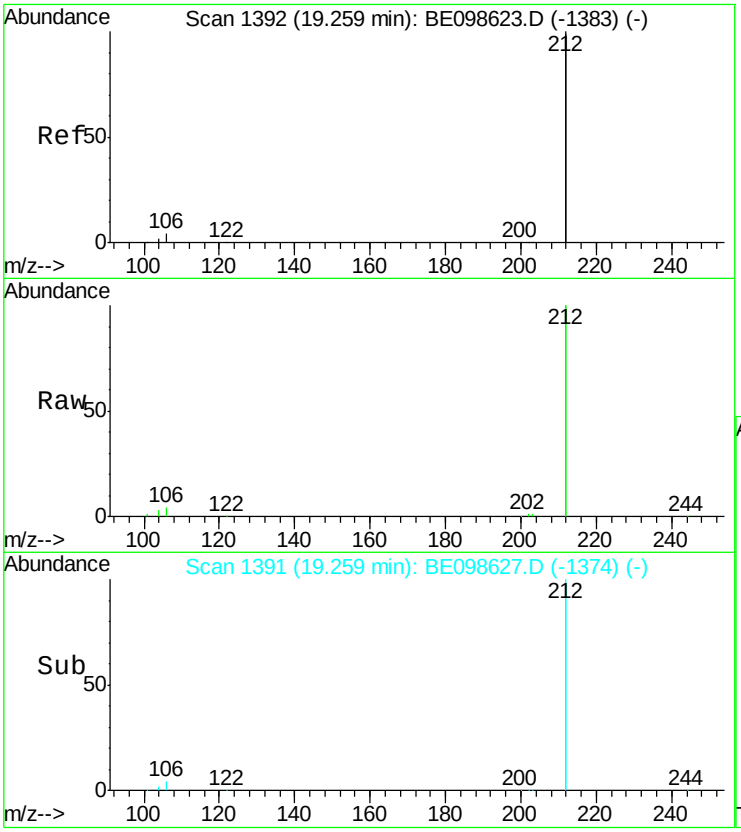




#24
Anthracene
Concen: 0.369 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:178 Resp: 5773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.9 | 22.3 |
| 179 | 15.1 | 11.8 | 17.8 |



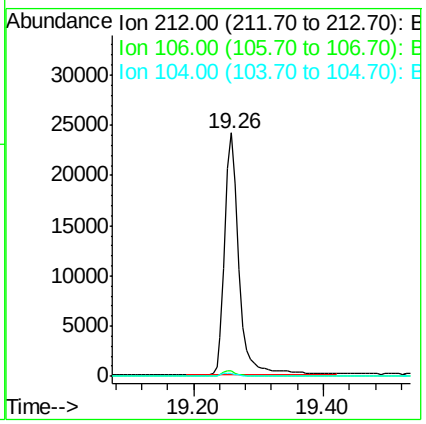


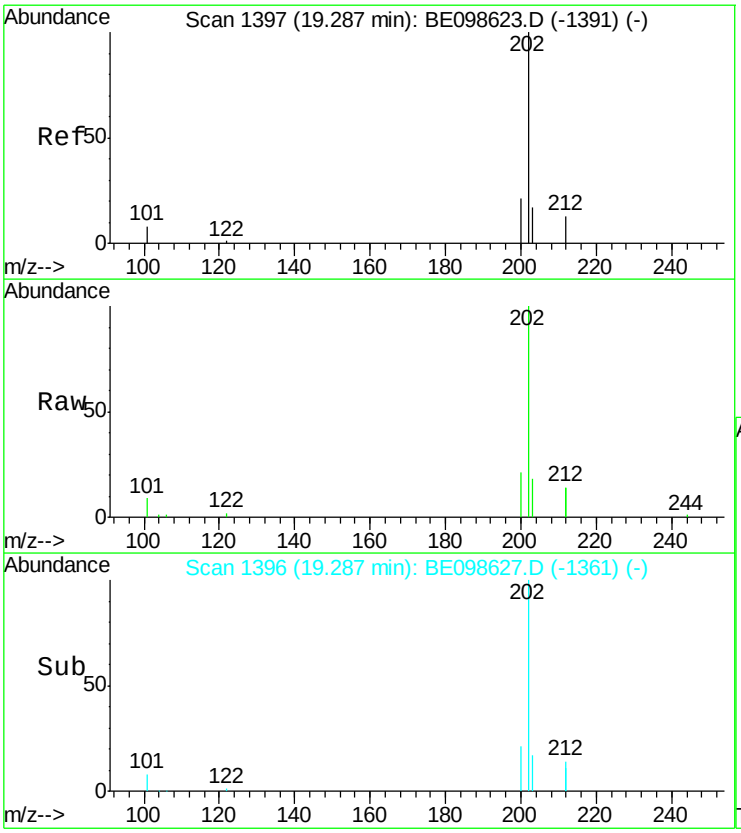

#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:212 Resp: 36280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.1 | 1.7 | 2.5 |
| 104 | 1.3 | 1.0 | 1.6 |

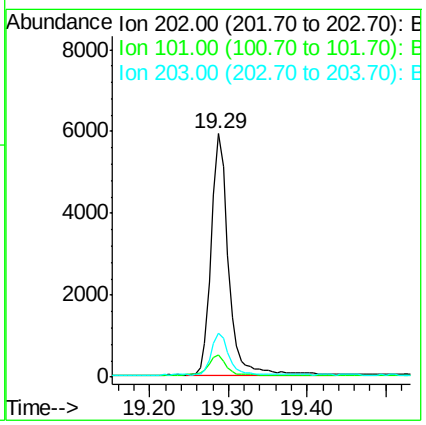


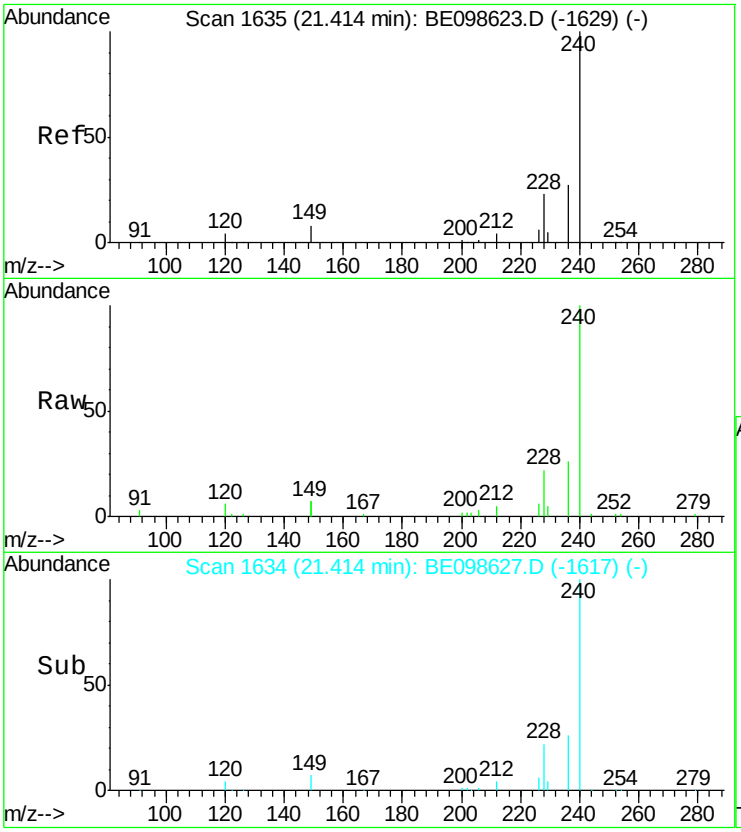




#26
Fluoranthene
Concen: 0.376 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:202 Resp: 8820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.4 | 6.7 | 10.1 |
| 203 | 17.3 | 13.3 | 19.9 |



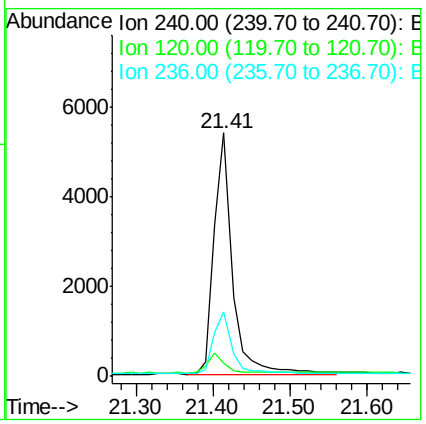


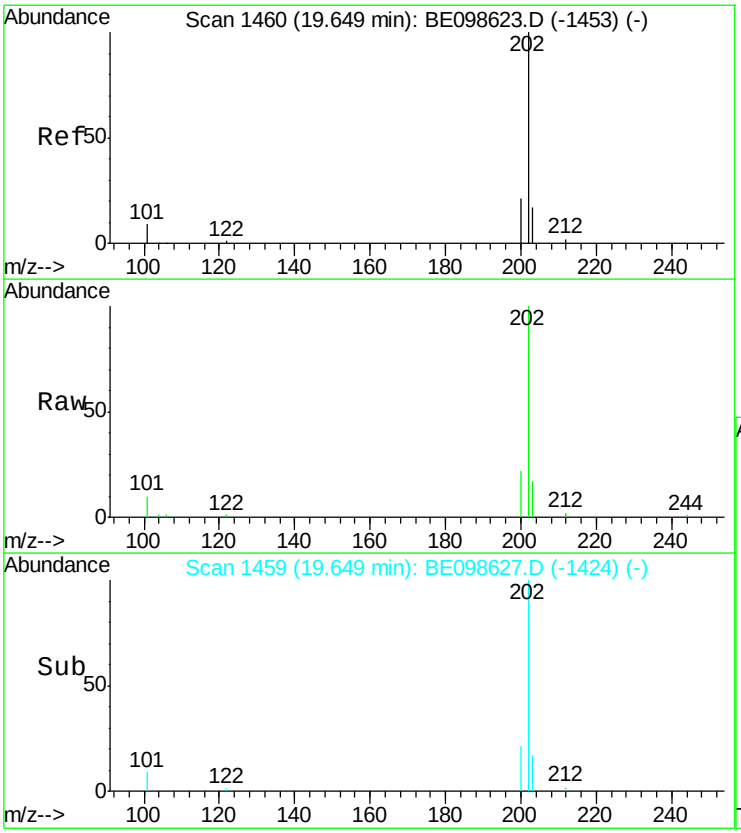

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:240 Resp: 8946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 4.7 | 7.1 |
| 236 | 26.3 | 21.9 | 32.9 |

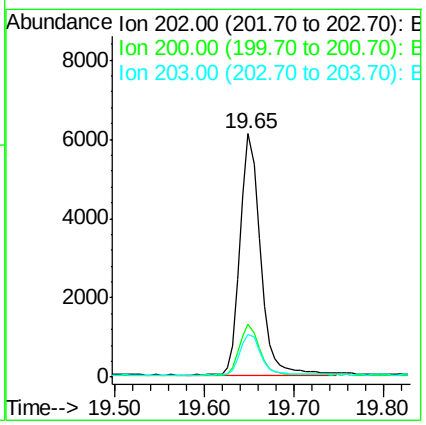


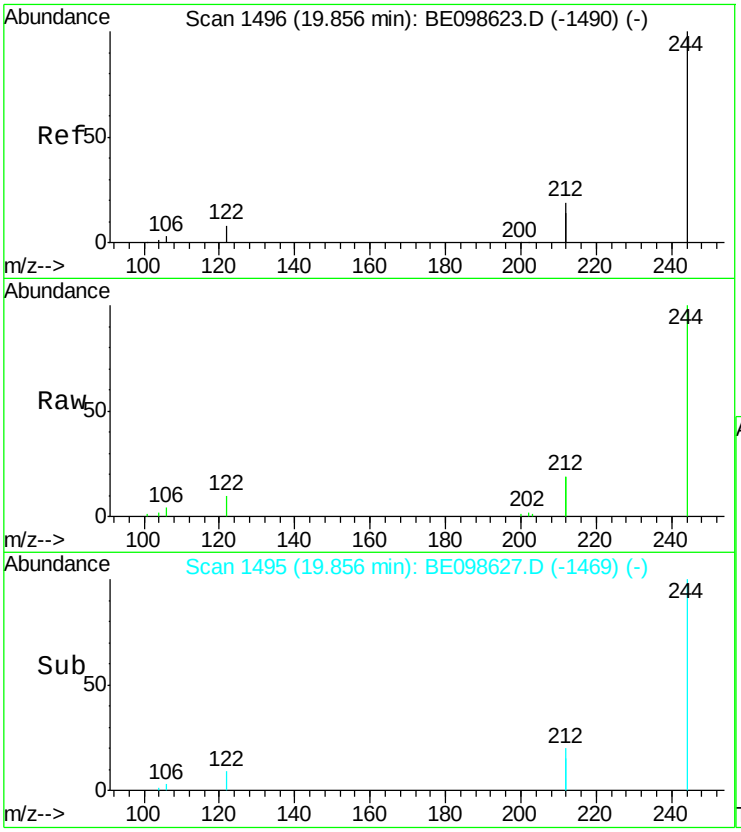




#28
Pyrene
Concen: 0.376 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:202 Resp: 9255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.0 | 25.6 |
| 203 | 17.9 | 13.8 | 20.8 |



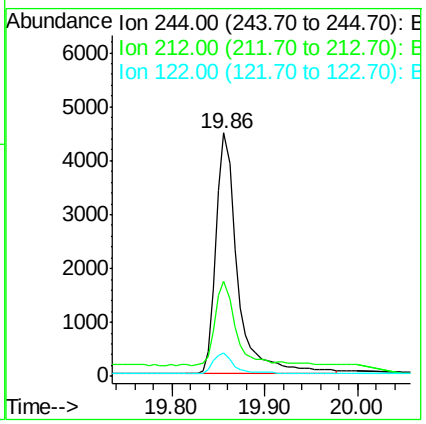


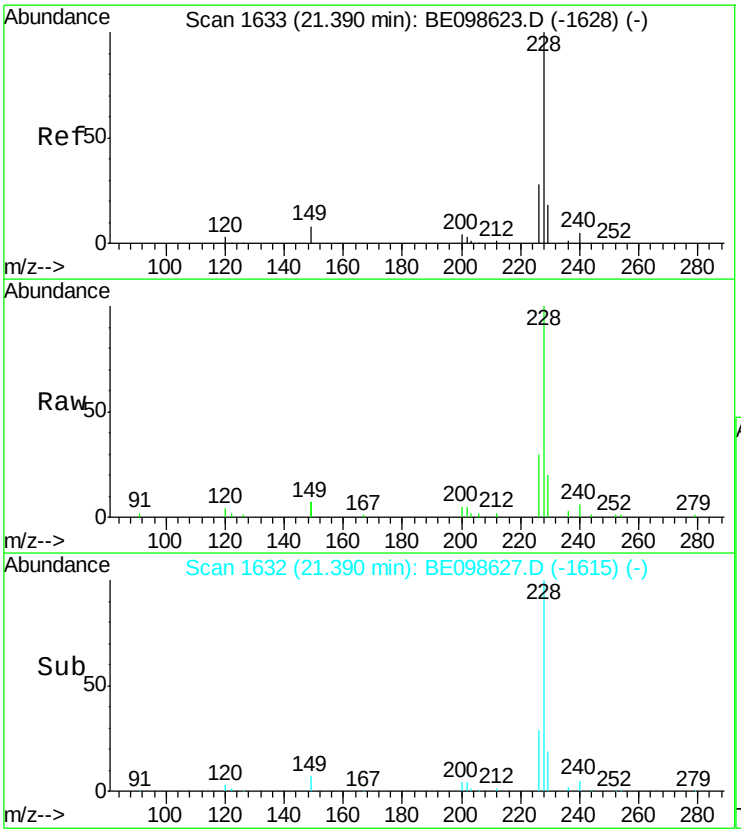

#29
Terphenyl-d14
Concen: 0.365 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:244 Resp: 7232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 38.9 | 29.4 | 44.2 |
| 122 | 9.6 | 7.1 | 10.7 |

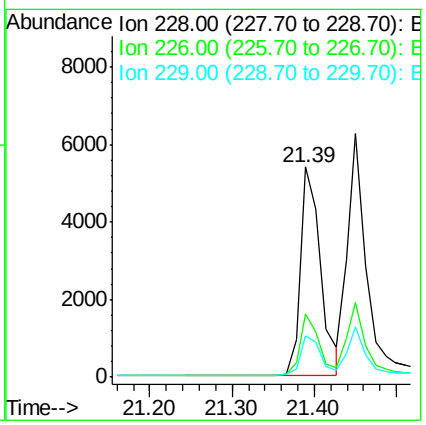


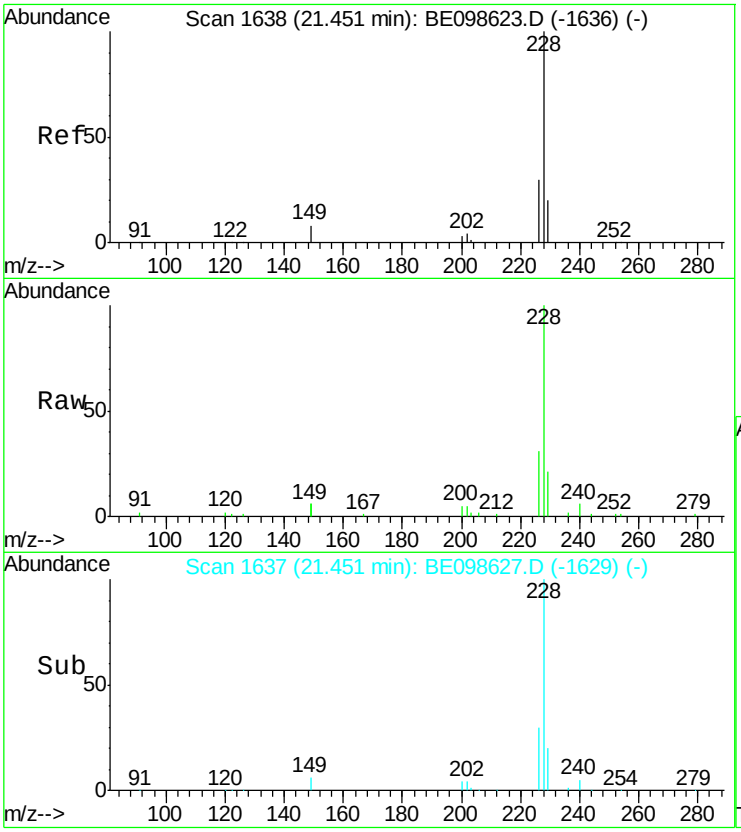




#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:228 Resp: 9091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.0 | 34.4 |
| 229 | 19.9 | 15.0 | 22.6 |



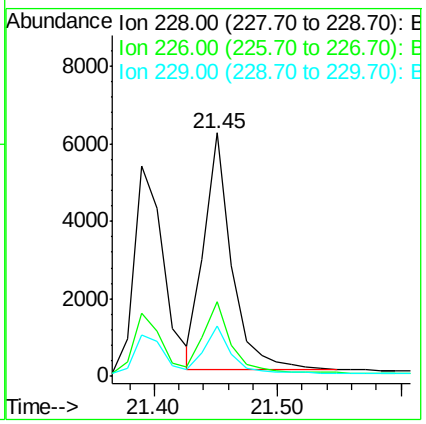


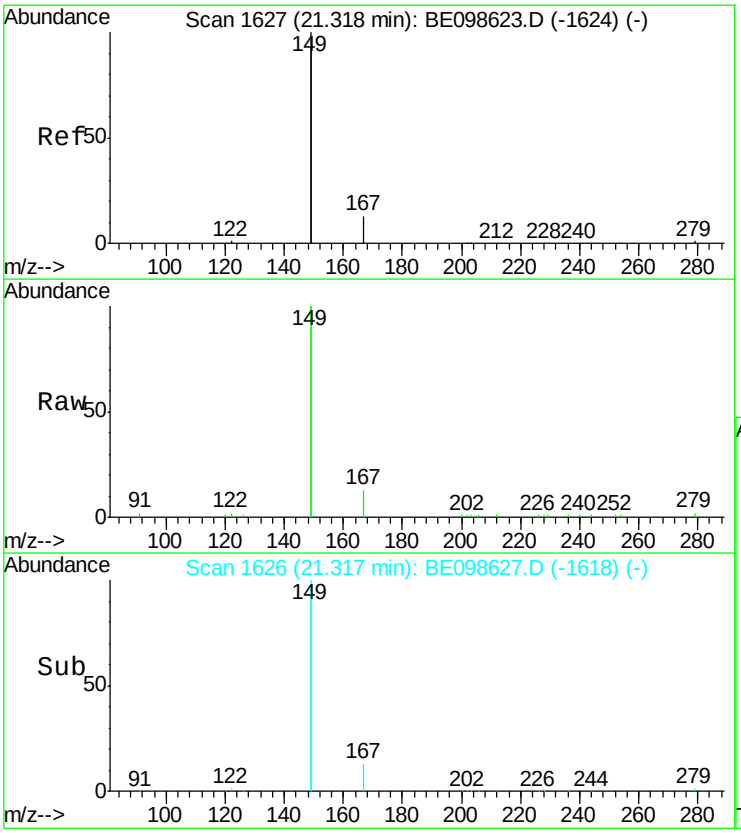

#31
Chrysene
Concen: 0.386 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:228 Resp: 9613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.6 | 36.8 |
| 229 | 20.6 | 16.4 | 24.6 |

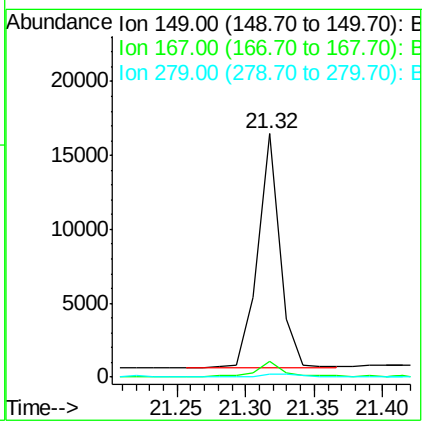


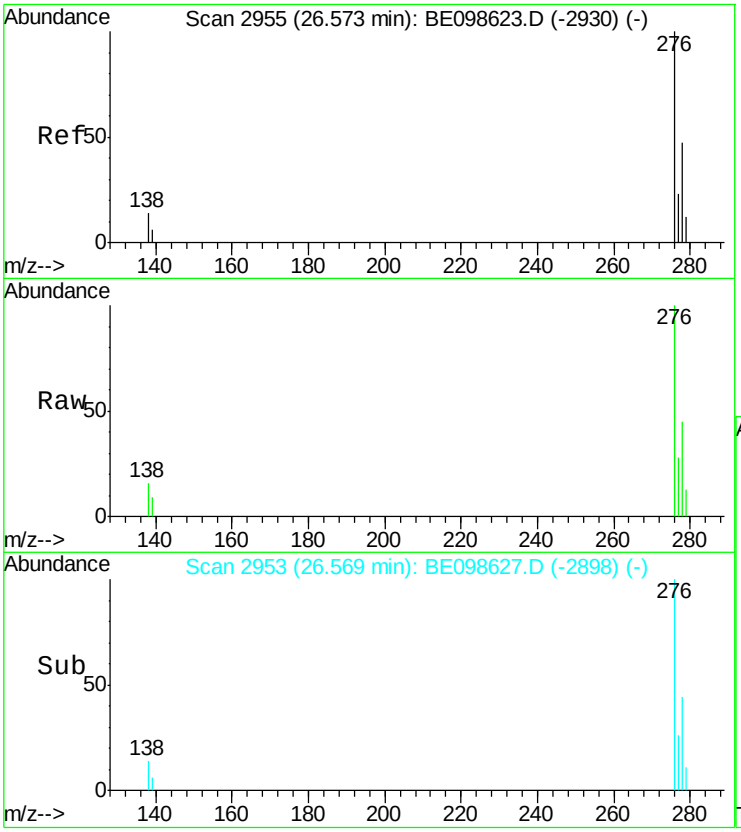




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:149 Resp: 17677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.4 | 8.2 |
| 279 | 1.3 | 1.0 | 1.4 |



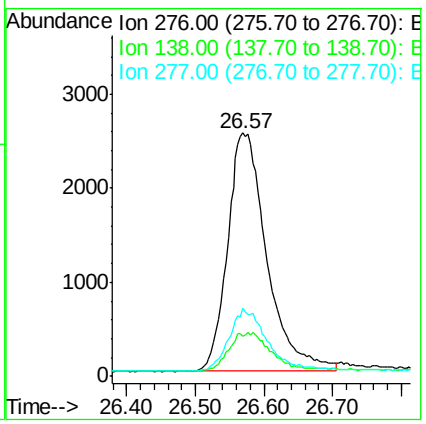


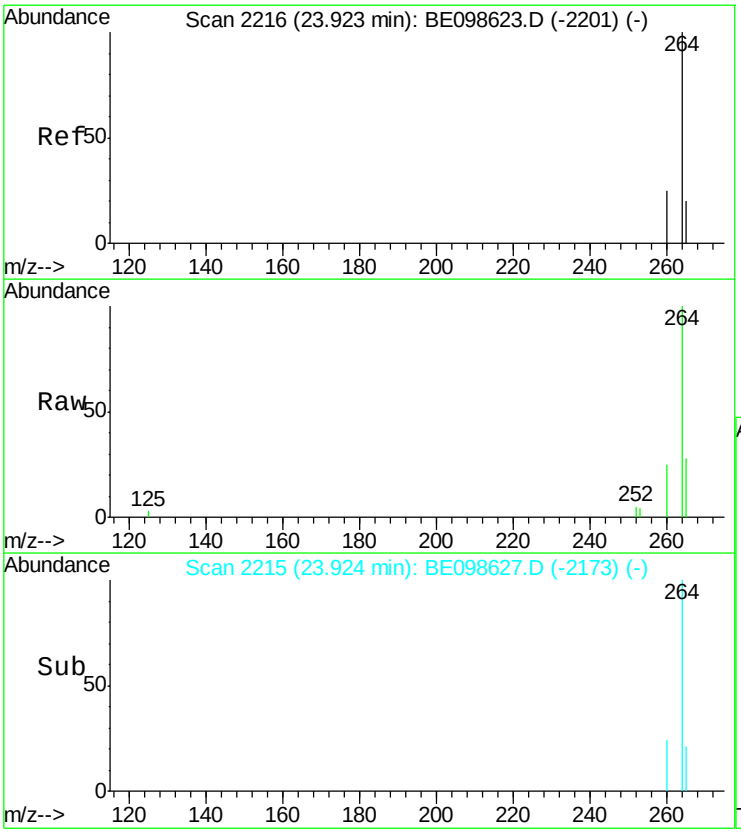

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :** MSVOA_W
**ClientSampleId :** ICVBE011519

Tgt Ion:276 Resp: 10109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 6.2 | 13.3 | 19.9# |
| 277 | 25.1 | 19.4 | 29.0 |

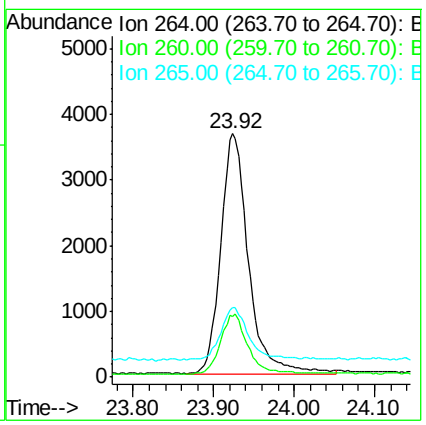


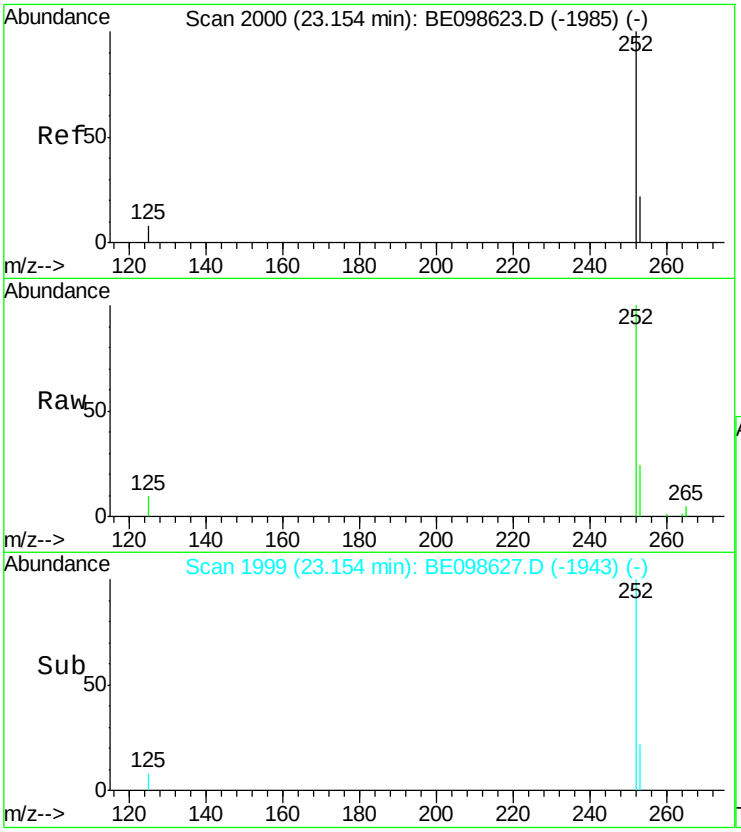




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:264 Resp: 8687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 20.5 | 30.7 |
| 265 | 28.4 | 22.3 | 33.5 |



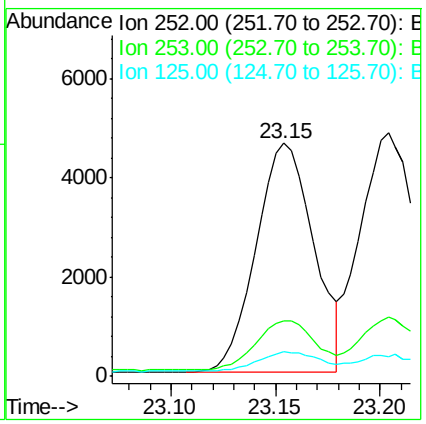


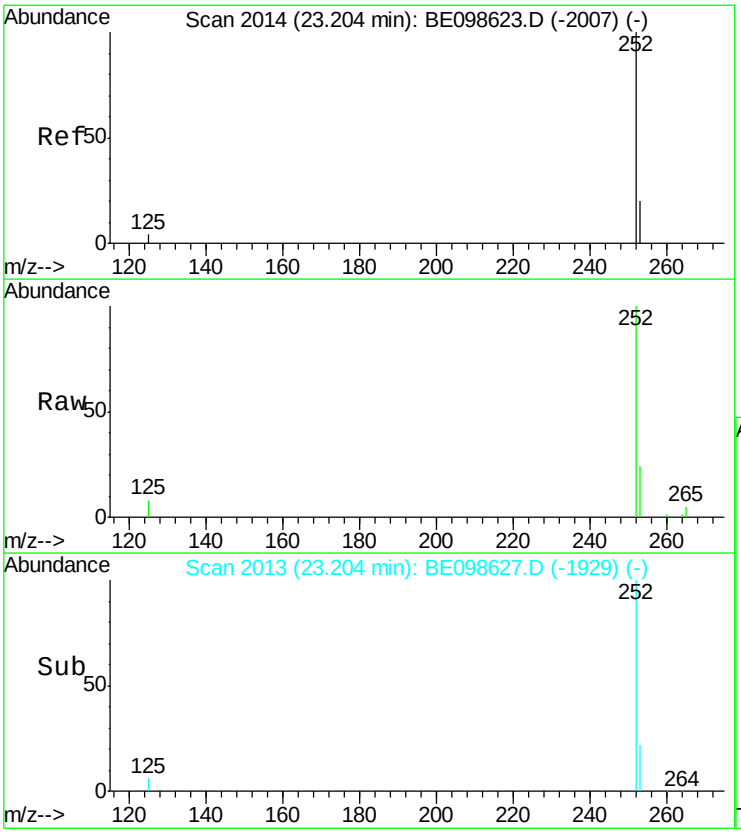

#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.15 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:252 Resp: 8839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 19.4 | 29.0 |
| 125 | 10.4 | 8.2 | 12.4 |

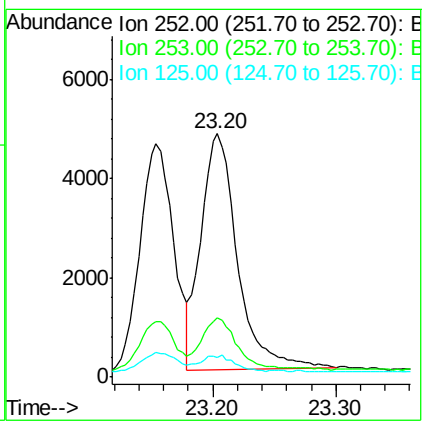


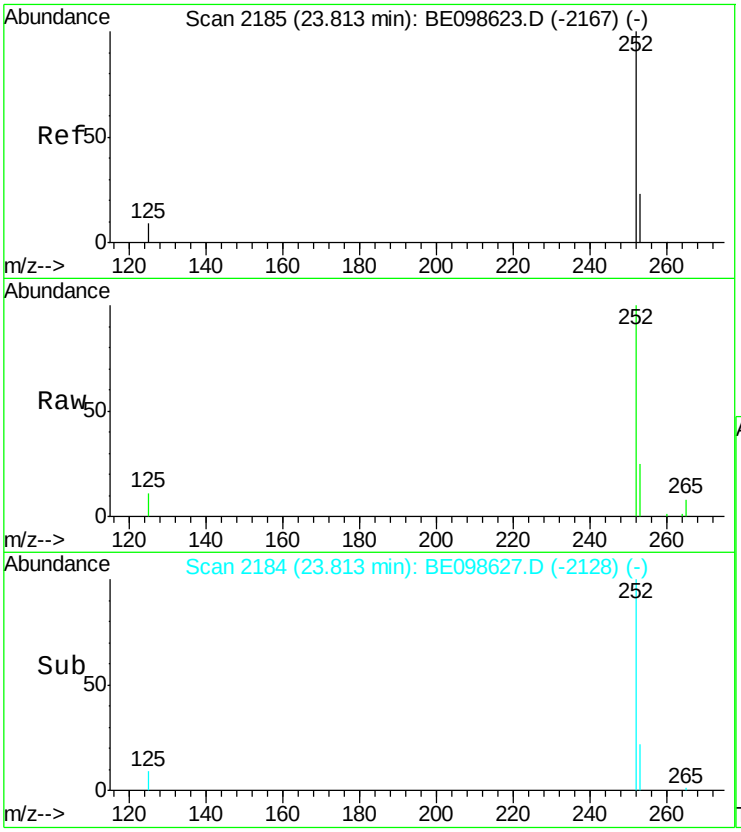




#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.20 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:252 Resp: 9810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.0 | 28.4 |
| 125 | 8.1 | 7.0 | 10.4 |



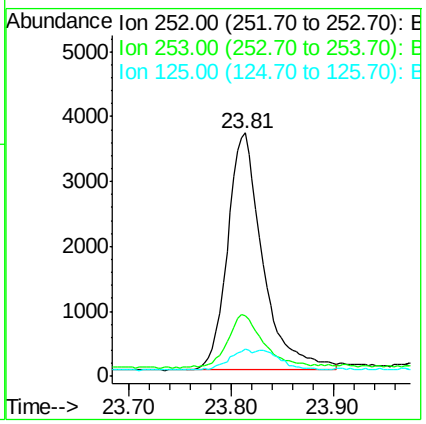


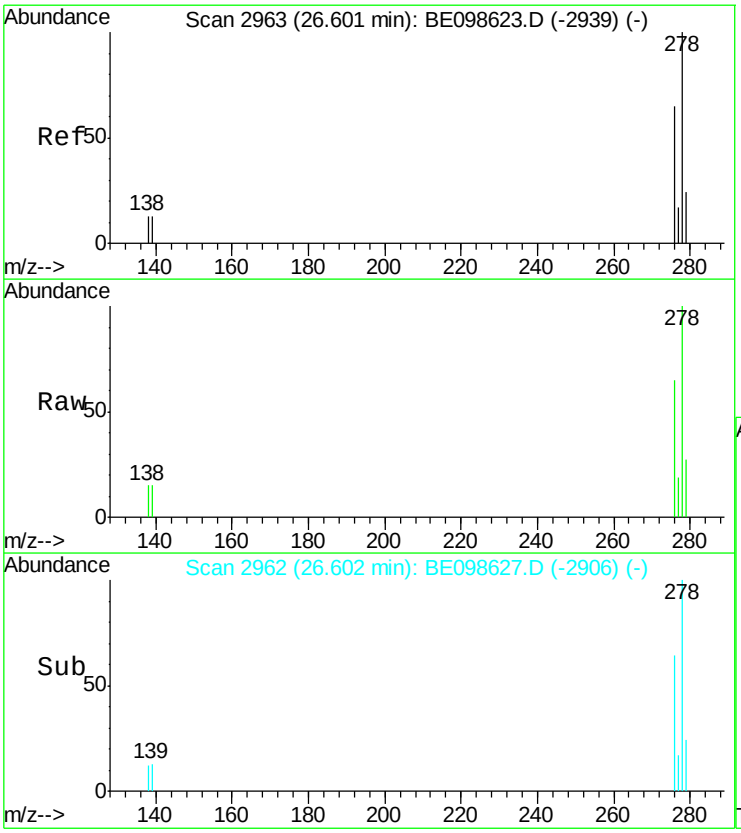

#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.81 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:252 Resp: 8692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.9 | 21.0 | 31.4 |
| 125 | 11.1 | 9.2 | 13.8 |

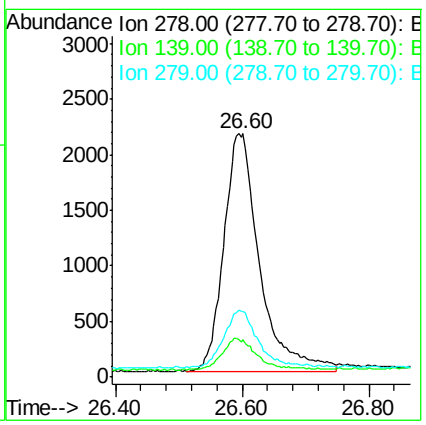


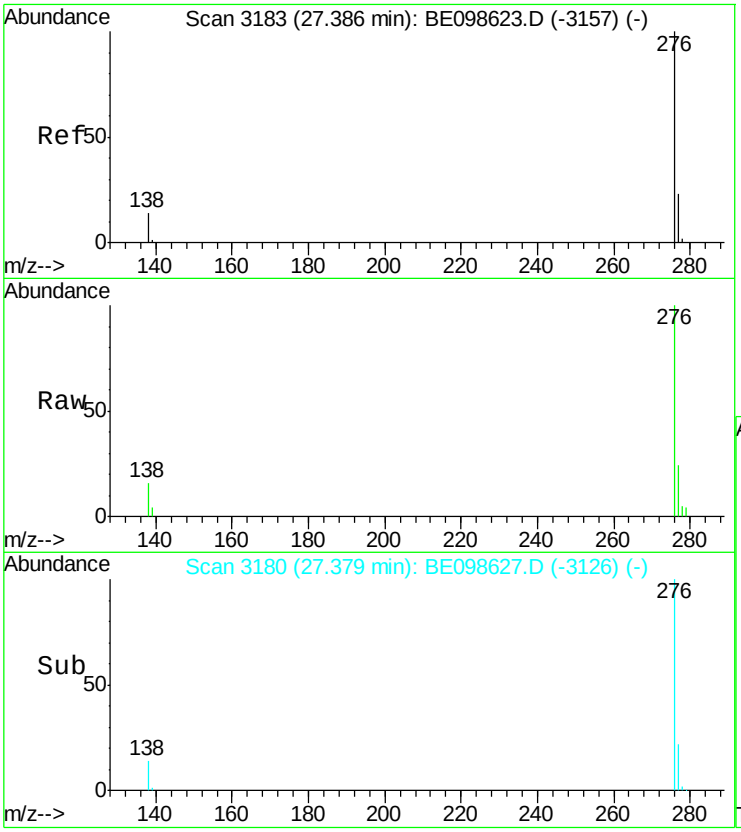




#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.60 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

Tgt Ion:278 Resp: 8387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.5 | 12.7 | 19.1 |
| 279 | 27.1 | 22.0 | 33.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 27.38 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE098627.D
Acq: 15 Jan 2019 14:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
ICVBE011519

Tgt Ion:276 Resp: 8765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 20.3 | 30.5 |
| 138 | 15.9 | 13.3 | 19.9 |