Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098244.D
Acq On : 19 Nov 2018 9:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

Quant Time: Nov 19 10:22:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 1395 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 6612 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 4122 | 0.40 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.28 | 188 | 9794 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.46 | 240 | 11165 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.02 | 264 | 10534 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 1598 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 7.04 | 99 | 2526 | 0.43 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 2563 | 0.41 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4668 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 568 | 0.43 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 7103 | 0.40 | ng | | 0.01 |
| 25) Fluoranthene-d10 | 19.31 | 212 | 50757 | 0.43 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.91 | 244 | 10350 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 889 | 0.406 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.69 | 42 | 1041 | 0.423 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 2032 | 0.404 | ng | | 95 |
| 9) Naphthalene | 10.72 | 128 | 27860 | 0.414 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.00 | 225 | 1581 | 0.400 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 4782 | 0.403 | ng | | 98 |
| 16) Acenaphthylene | 14.25 | 152 | 8136 | 0.415 | ng | | 99 |
| 17) Acenaphthene | 14.60 | 154 | 4943 | 0.422 | ng | | 99 |
| 18) Fluorene | 15.58 | 166 | 6309 | 0.422 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 2460 | 0.406 | ng | # | 73 |
| 21) Hexachlorobenzene | 16.59 | 284 | 2557 | 0.409 | ng | | 98 |
| 22) Pentachlorophenol | 16.94 | 266 | 438 | 0.459 | ng | | 98 |
| 23) Phenanthrene | 17.33 | 178 | 10553 | 0.419 | ng | | 99 |
| 24) Anthracene | 17.42 | 178 | 9290 | 0.406 | ng | | 99 |
| 26) Fluoranthene | 19.34 | 202 | 12709 | 0.420 | ng | | 98 |
| 28) Pyrene | 19.71 | 202 | 13214 | 0.405 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.45 | 228 | 13169 | 0.408 | ng | | 99 |
| 31) Chrysene | 21.50 | 228 | 13673 | 0.411 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 23622 | 0.469 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.71 | 276 | 12170 | 0.428 | ng | # | 91 |
| 35) Benzo(b)fluoranthene | 23.23 | 252 | 12232 | 0.411 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.28 | 252 | 13617 | 0.405 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.90 | 252 | 12019 | 0.411 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.73 | 278 | 9603 | 0.410 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 27.54 | 276 | 10680 | 0.424 | ng | | 97 |

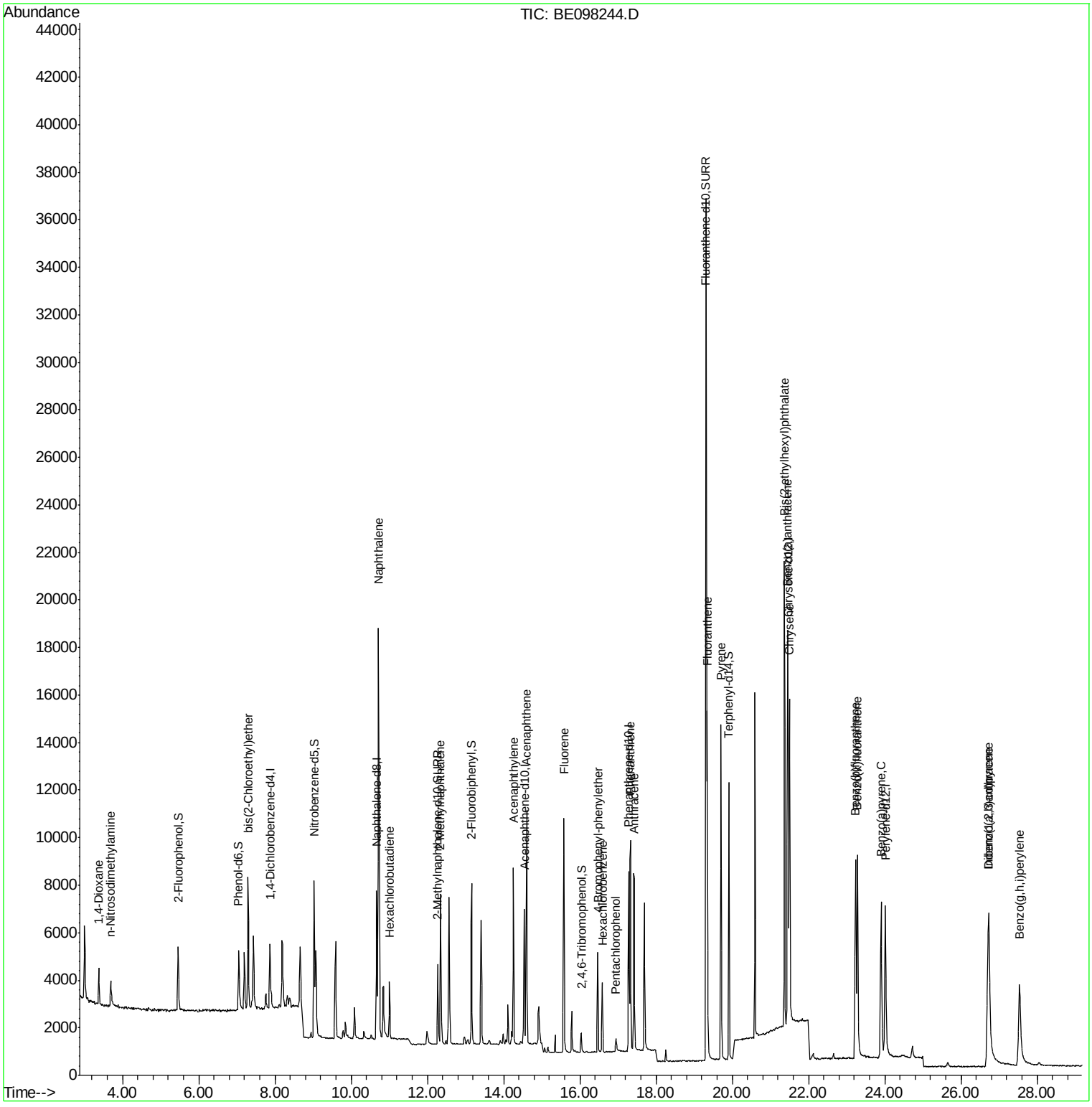
(#) = qualifier out of range (m) = manual integration (+) = signals summed

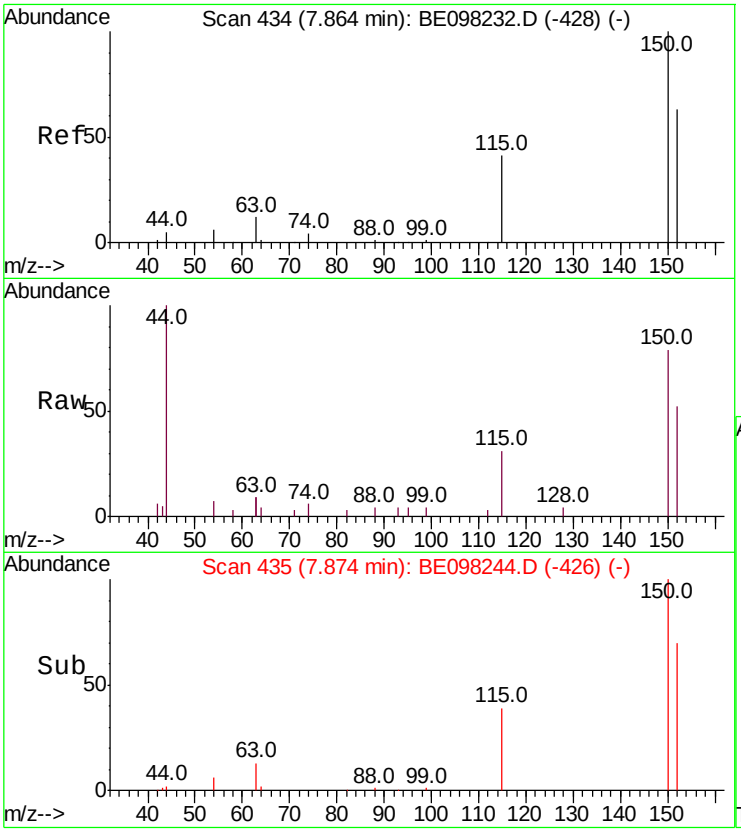
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098244.D
Acq On : 19 Nov 2018 9:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Nov 19 10:22:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration



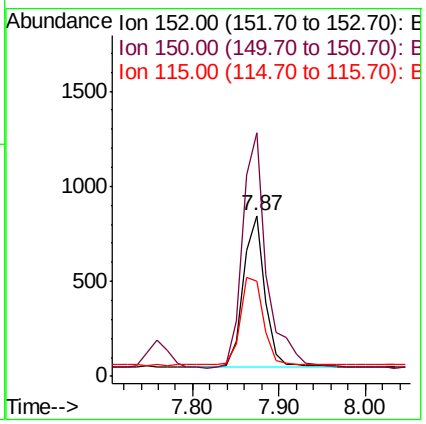


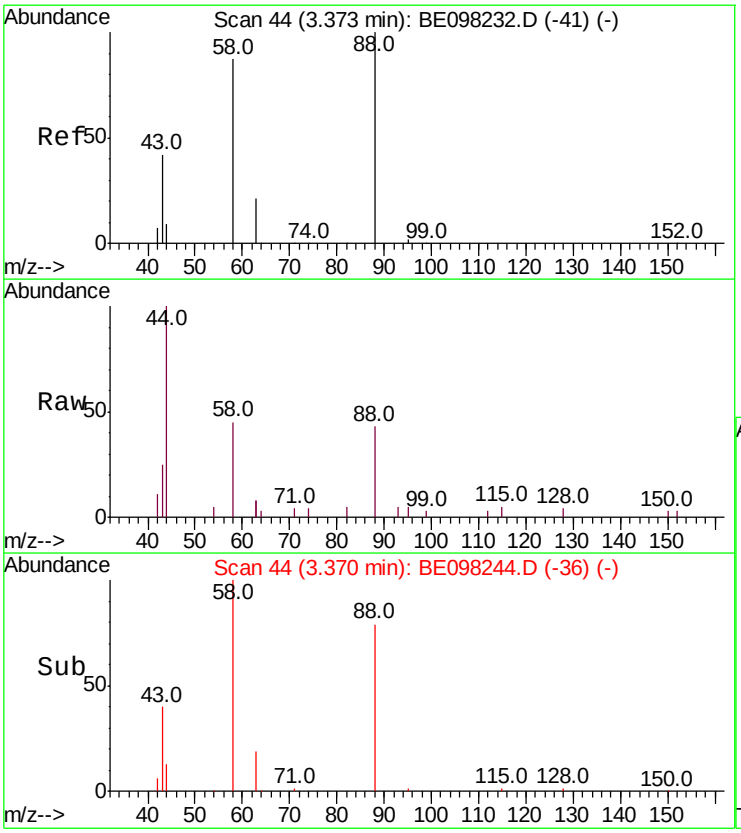

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:152 Resp: 1395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.4 | 127.5 | 191.3 |
| 115 | 59.1 | 60.3 | 90.5# |

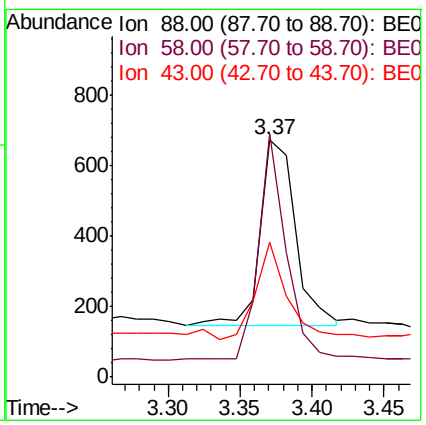


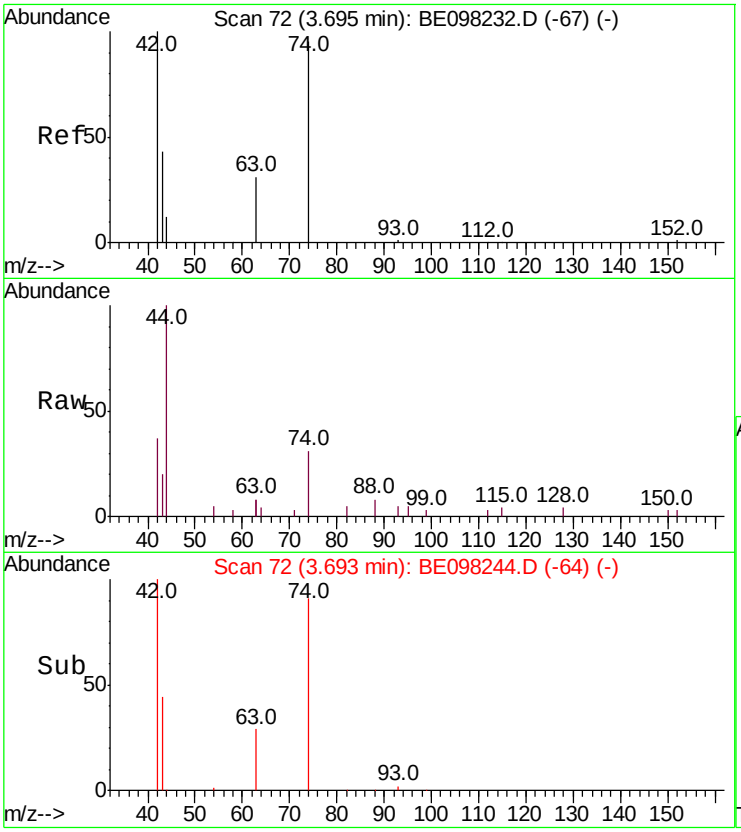




#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion: 88 Resp: 889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.0 | 79.0 | 118.4 |
| 43 | 46.2 | 38.1 | 57.1 |



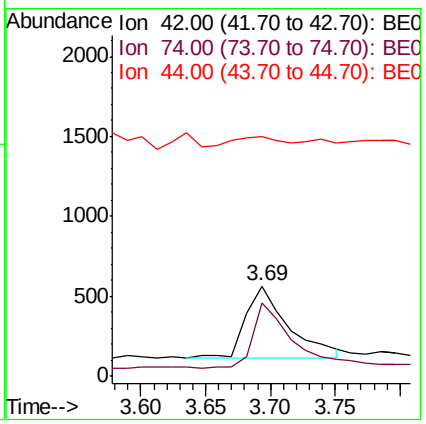


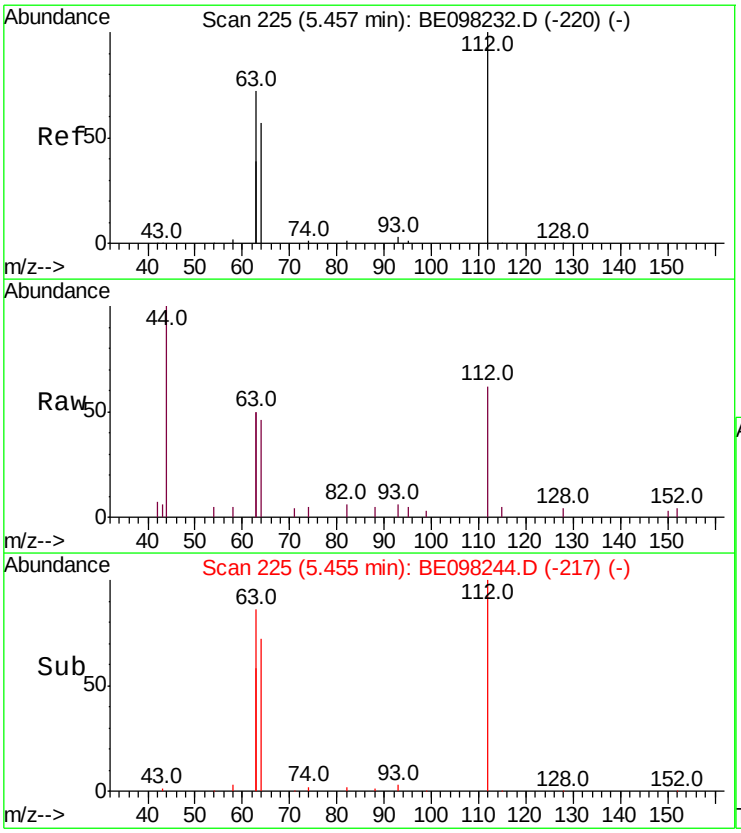

#3
n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion: 42 Resp: 1041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 79.1 | 61.7 | 92.5 |
| 44 | 12.0 | 14.0 | 21.0# |

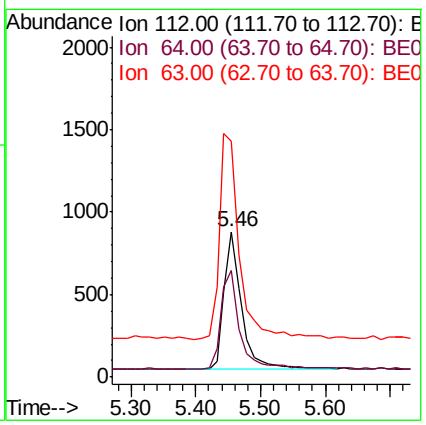


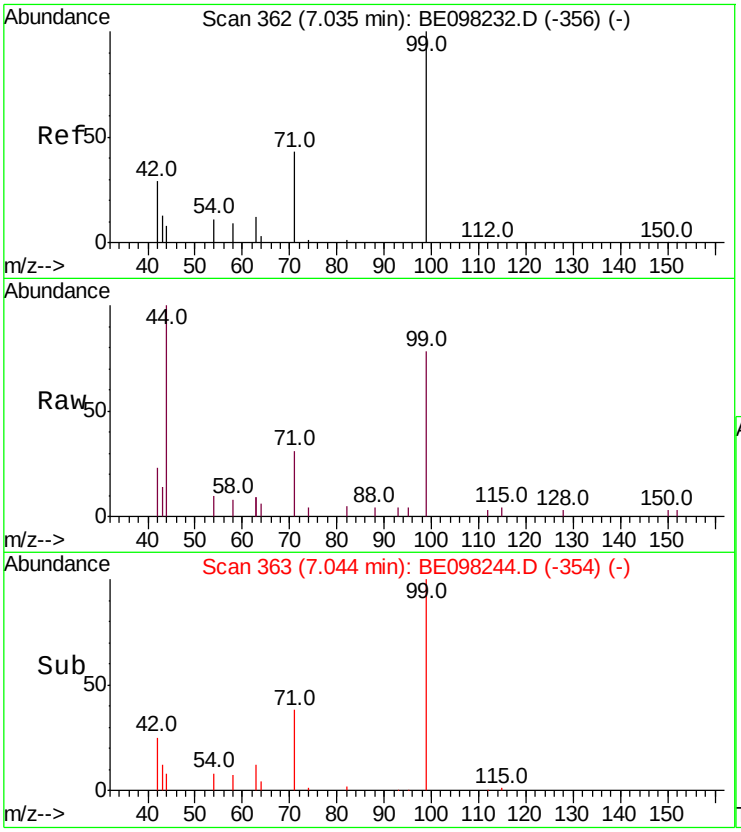




#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:112 Resp: 1598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.6 | 61.7 | 92.5 |
| 63 | 169.4 | 136.2 | 204.2 |



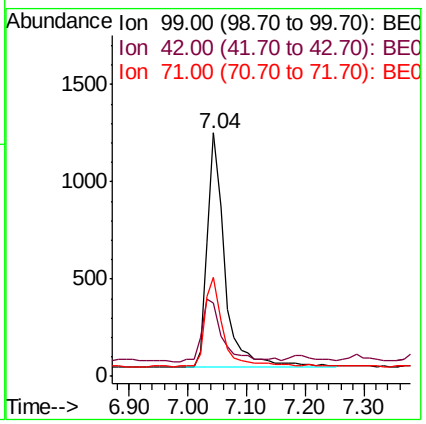


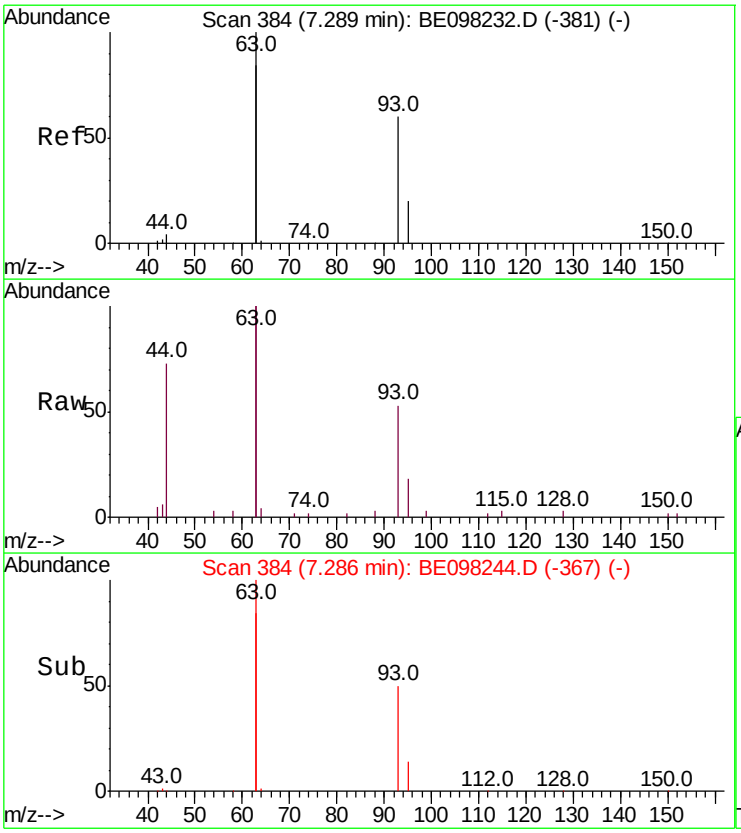

#5
Phenol-d6
Concen: 0.430 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion: 99 Resp: 2526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.1 | 27.1 | 40.7 |
| 71 | 40.0 | 37.0 | 55.6 |

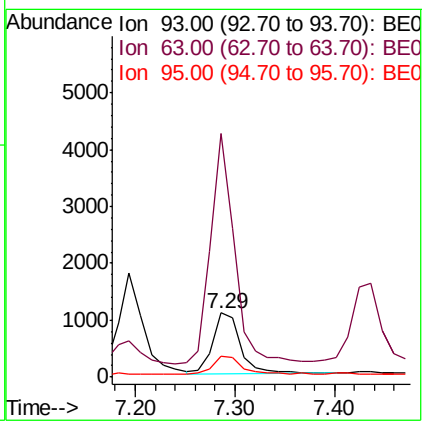


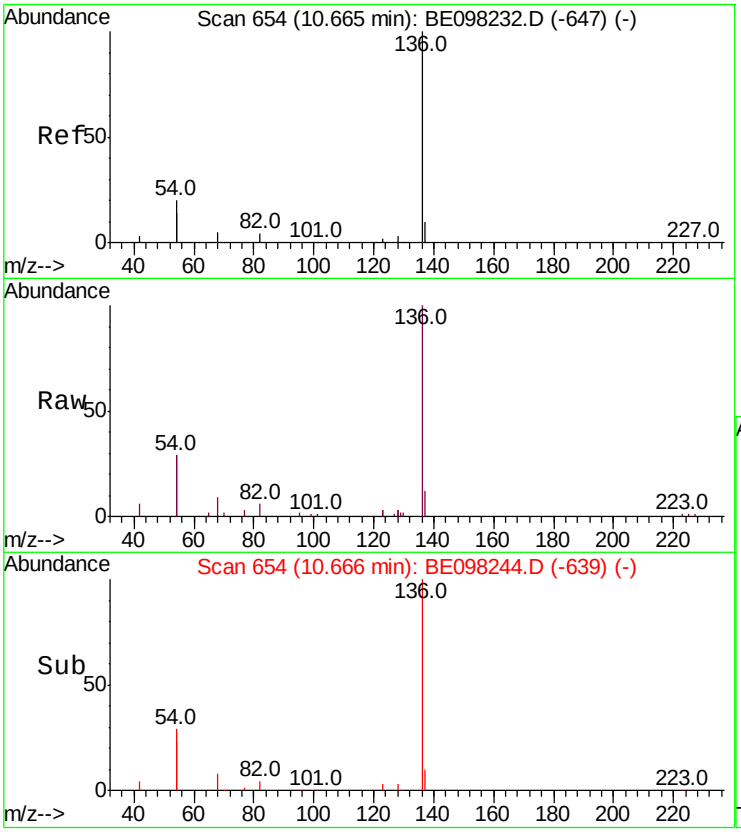




#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion: 93 Resp: 2032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 329.4 | 272.6 | 409.0 |
| 95 | 30.7 | 27.1 | 40.7 |



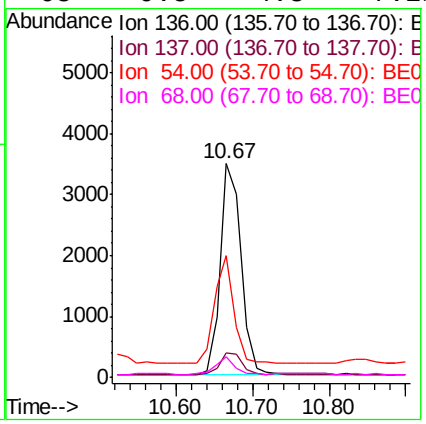


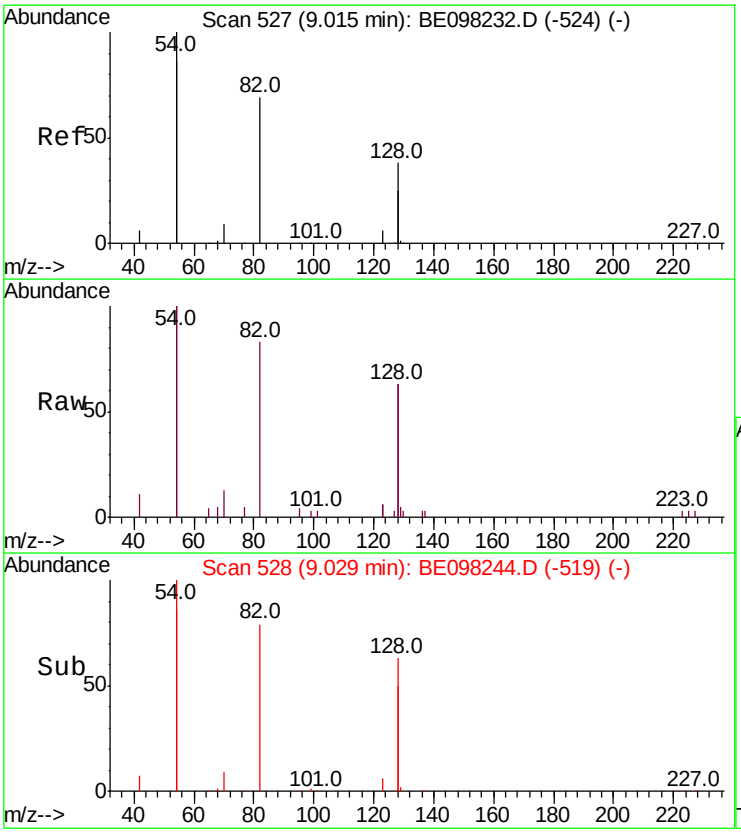

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:136 Resp: 6612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.5 | 14.3 |
| 54 | 57.1 | 31.3 | 46.9# |
| 68 | 9.5 | 4.8 | 7.2# |

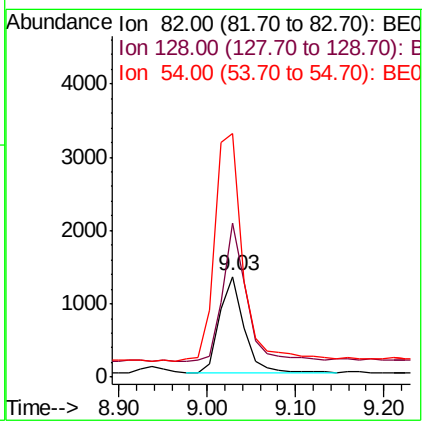


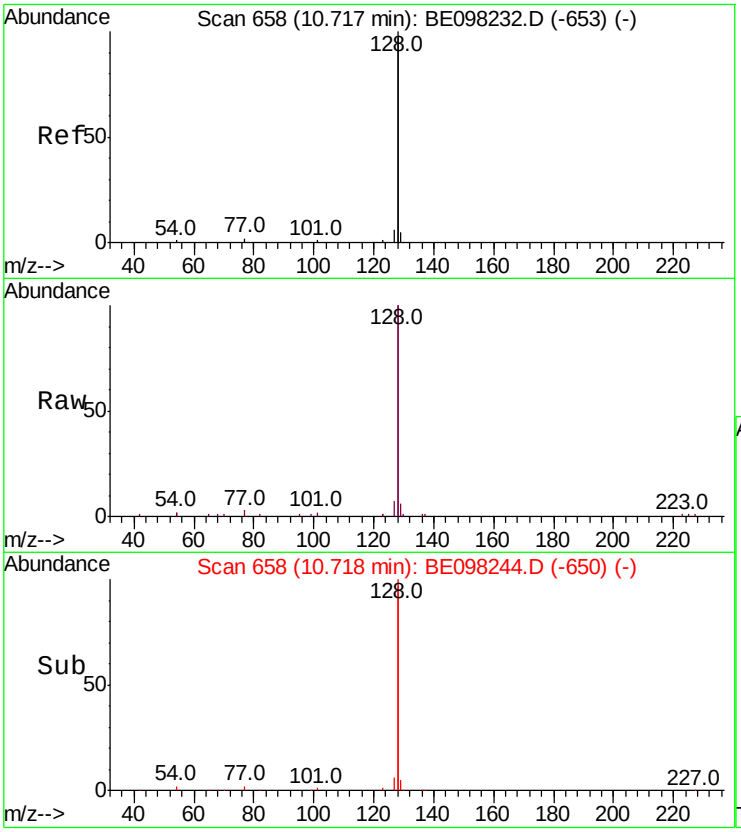




#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion: 82 Resp: 2563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 153.0 | 96.1 | 144.1# |
| 54 | 241.8 | 232.0 | 348.0 |



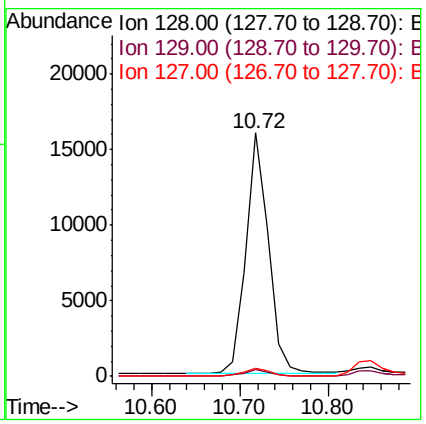


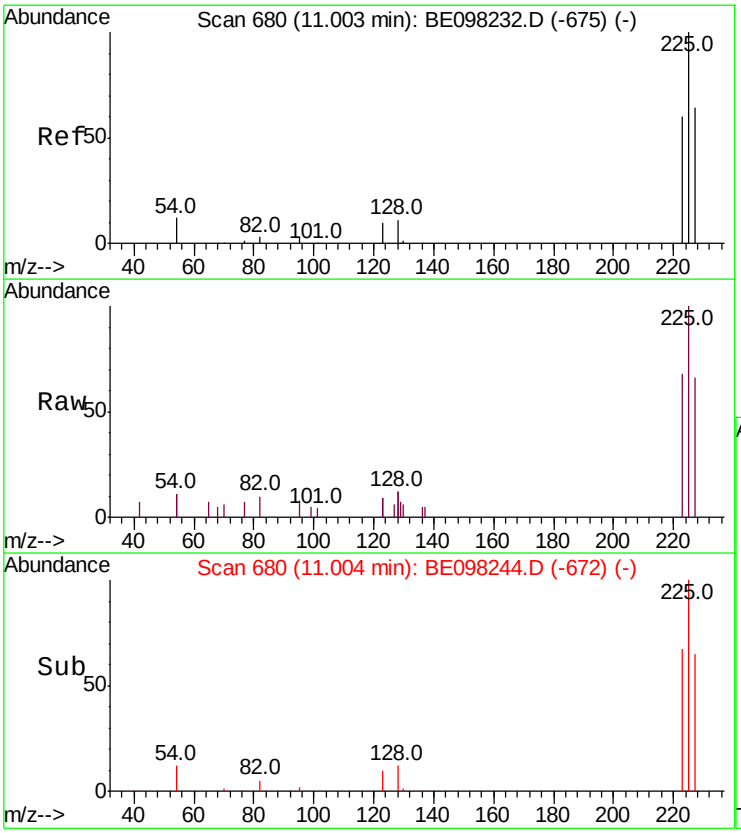

#9
Naphthalene
Concen: 0.414 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:128 Resp: 27860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.0 | 2.6 | 4.0 |
| 127 | 3.5 | 2.8 | 4.2 |

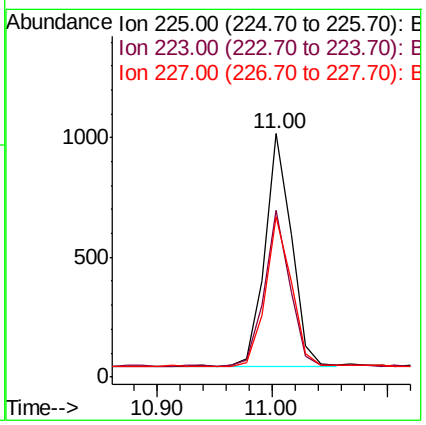


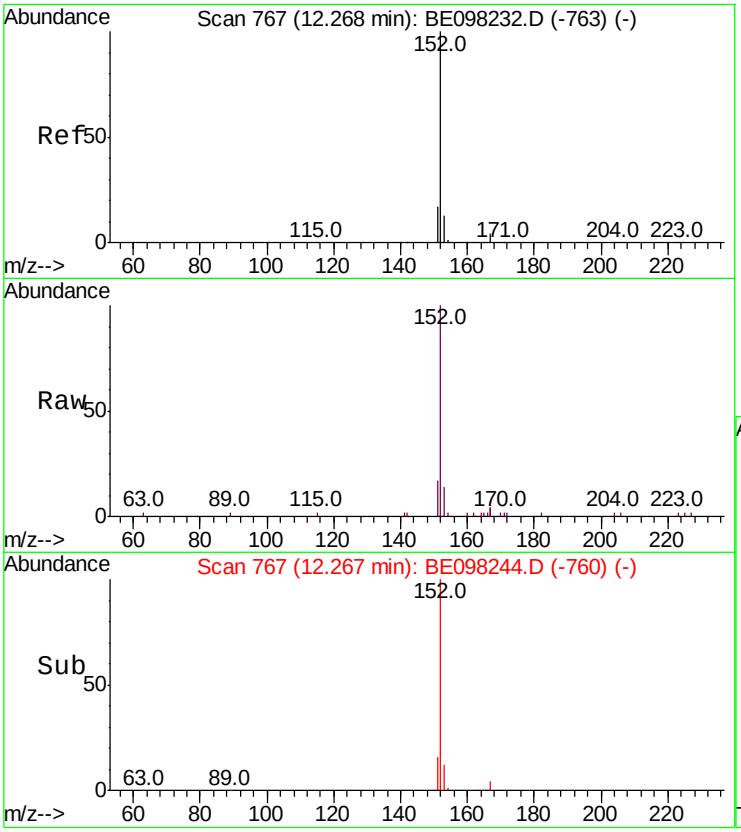




#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:225 Resp: 1581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 50.5 | 75.7 |
| 227 | 63.8 | 50.3 | 75.5 |



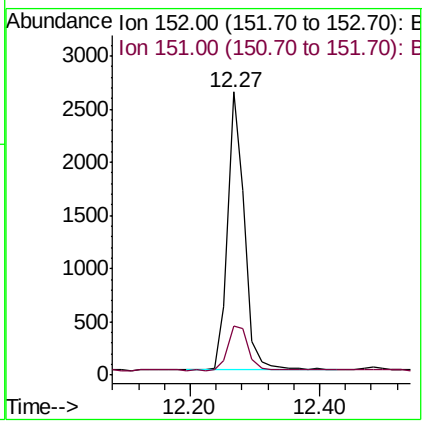


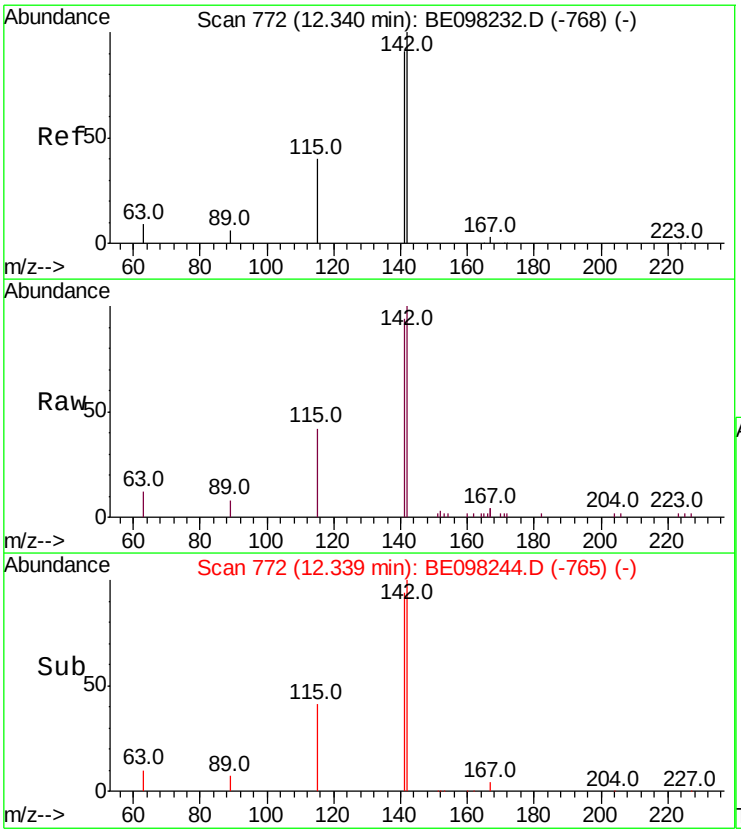

#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:152 Resp: 4668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.4 | 23.2 |

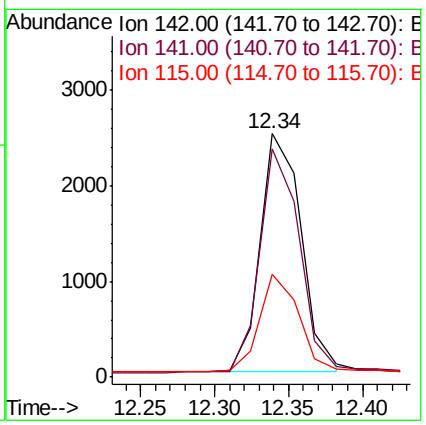


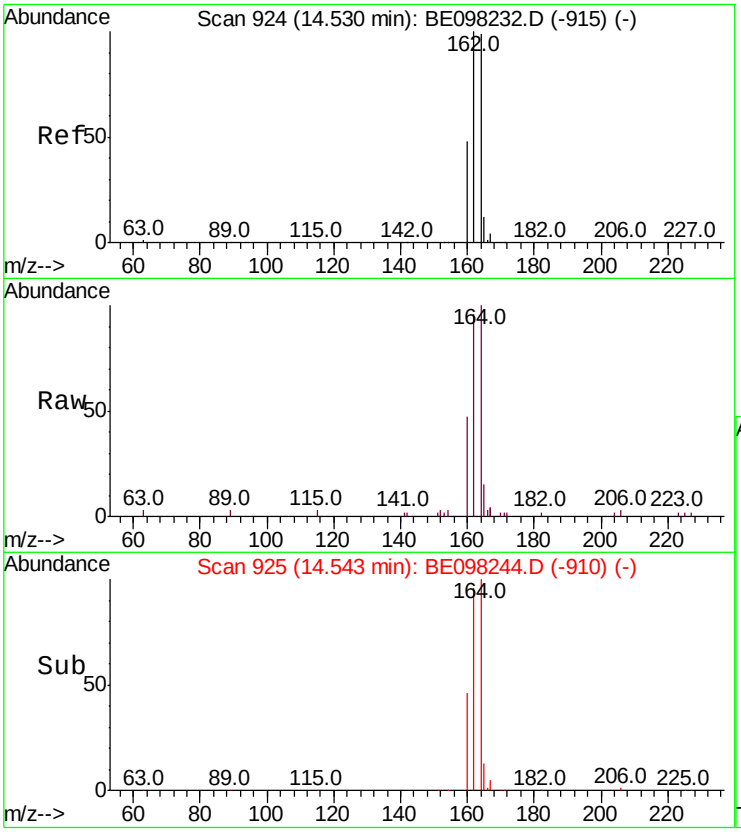




#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:142 Resp: 4782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.7 | 76.3 | 114.5 |
| 115 | 42.3 | 35.8 | 53.8 |



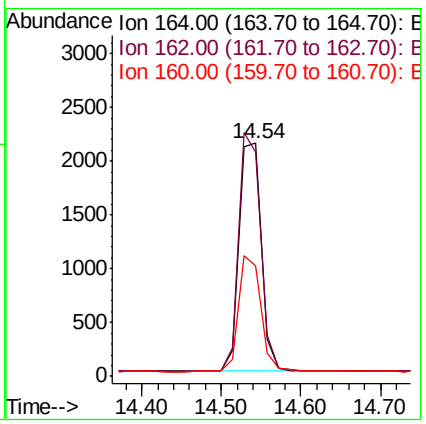


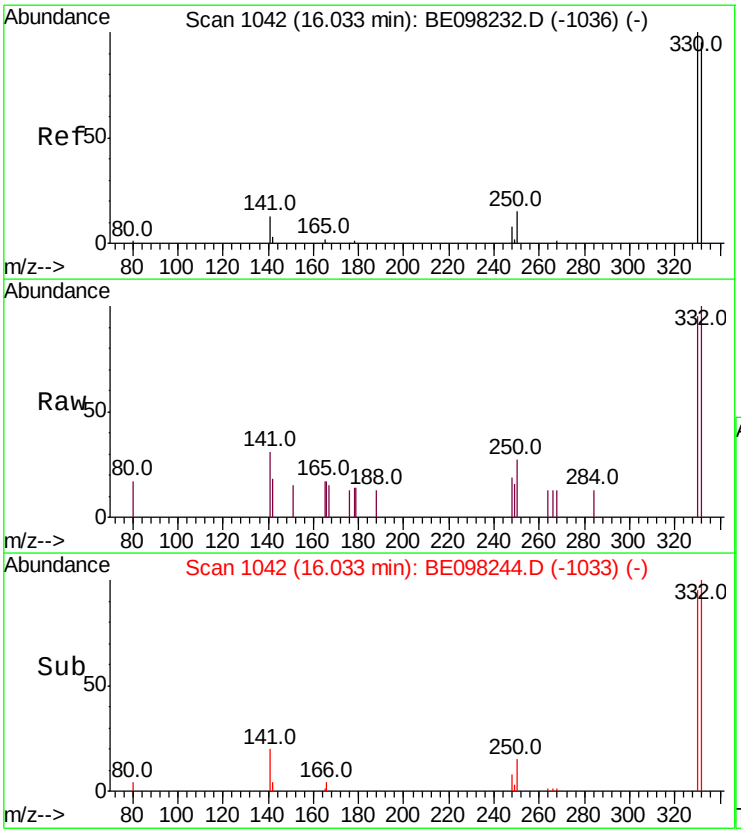

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:164 Resp: 4122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.1 | 81.8 | 122.6 |
| 160 | 47.4 | 39.4 | 59.0 |

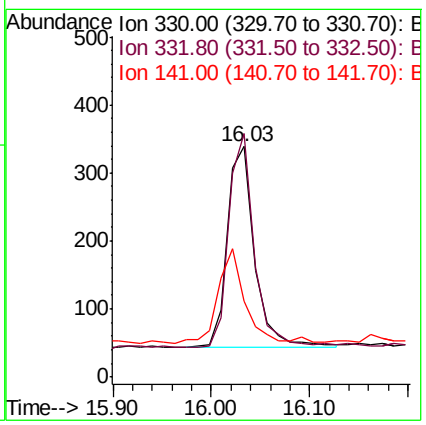


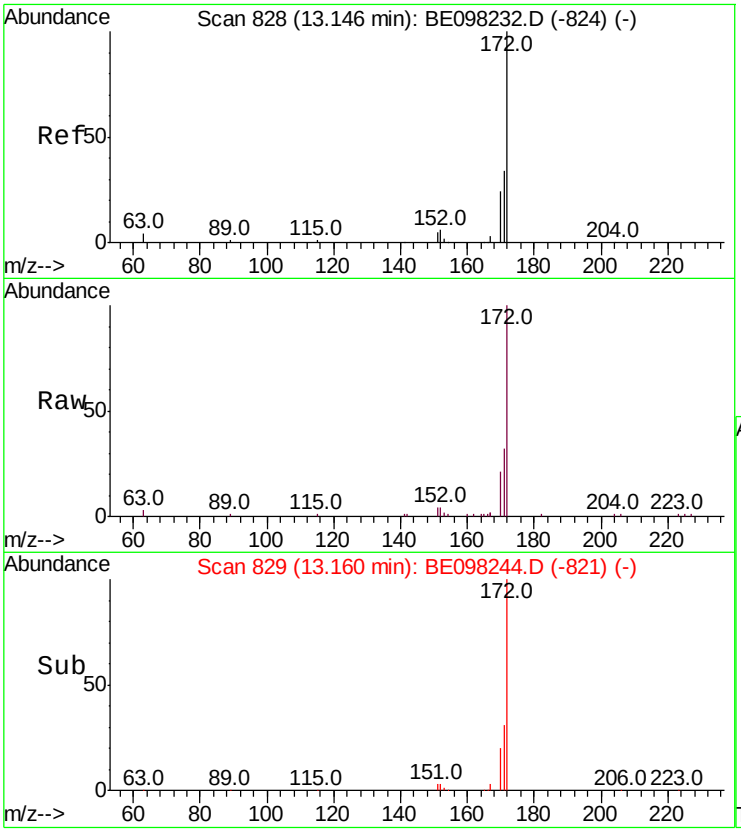




#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:330 Resp: 568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.1 | 77.7 | 116.5 |
| 141 | 44.0 | 33.6 | 50.4 |



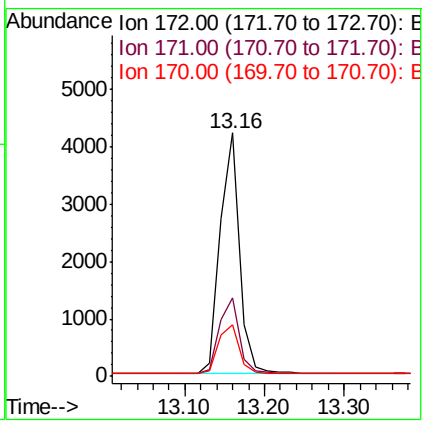


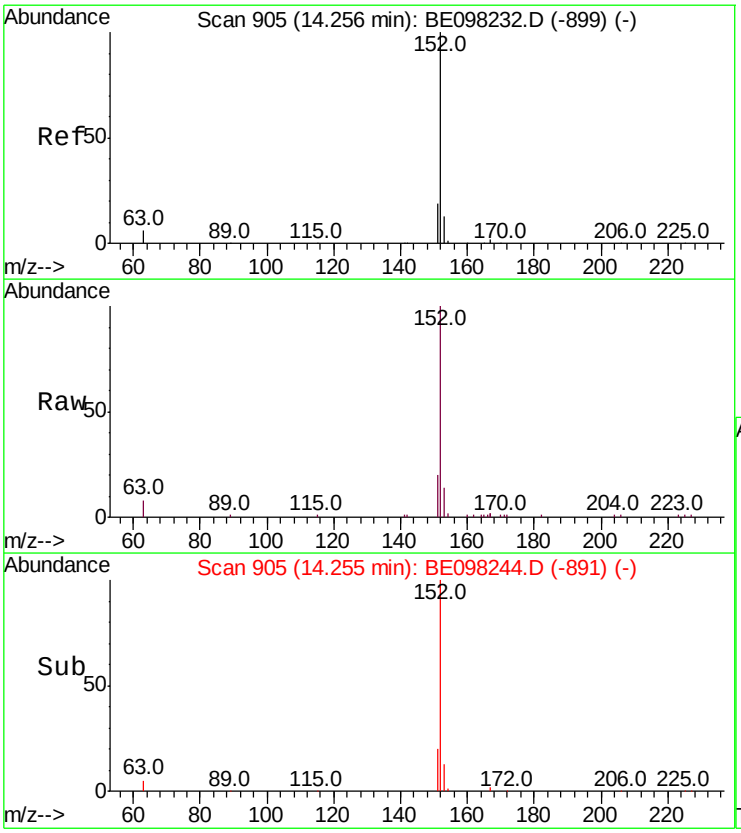

#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:172 Resp: 7103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.1 | 27.3 | 40.9 |
| 170 | 21.2 | 19.4 | 29.0 |

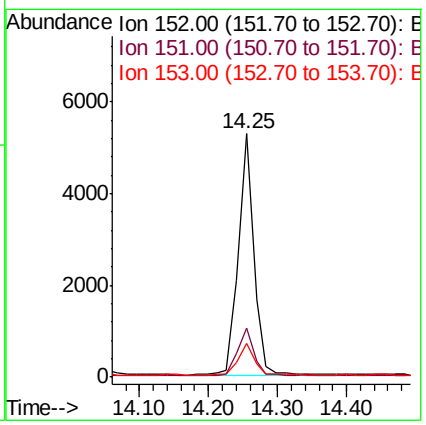


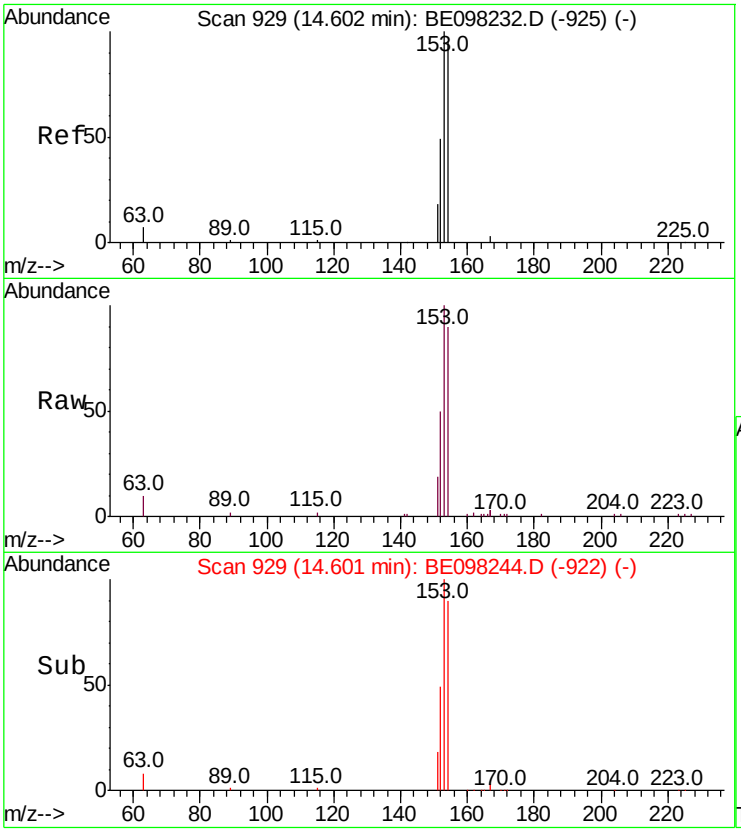




#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:152 Resp: 8136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 16.4 | 24.6 |
| 153 | 13.4 | 10.6 | 15.8 |



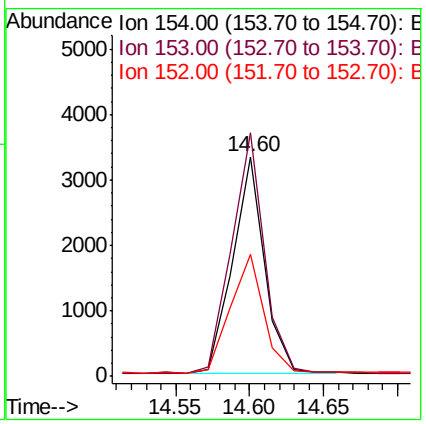


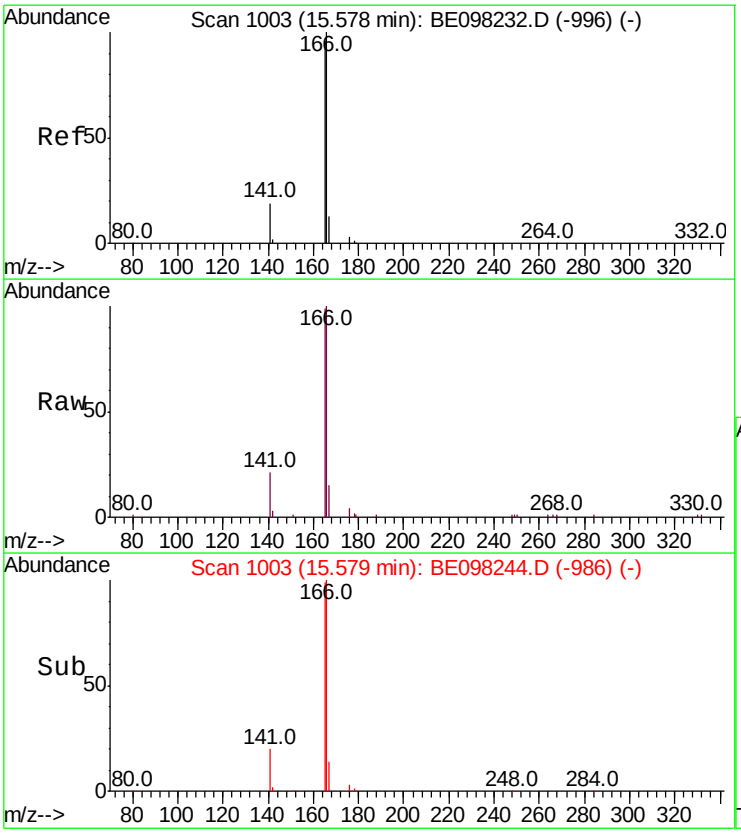

#17
Acenaphthene
Concen: 0.422 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:154 Resp: 4943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.6 | 92.1 | 138.1 |
| 152 | 57.4 | 46.2 | 69.2 |

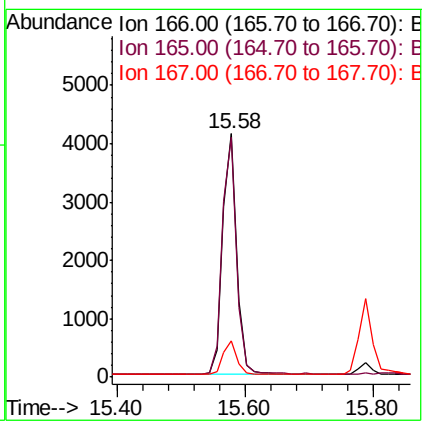


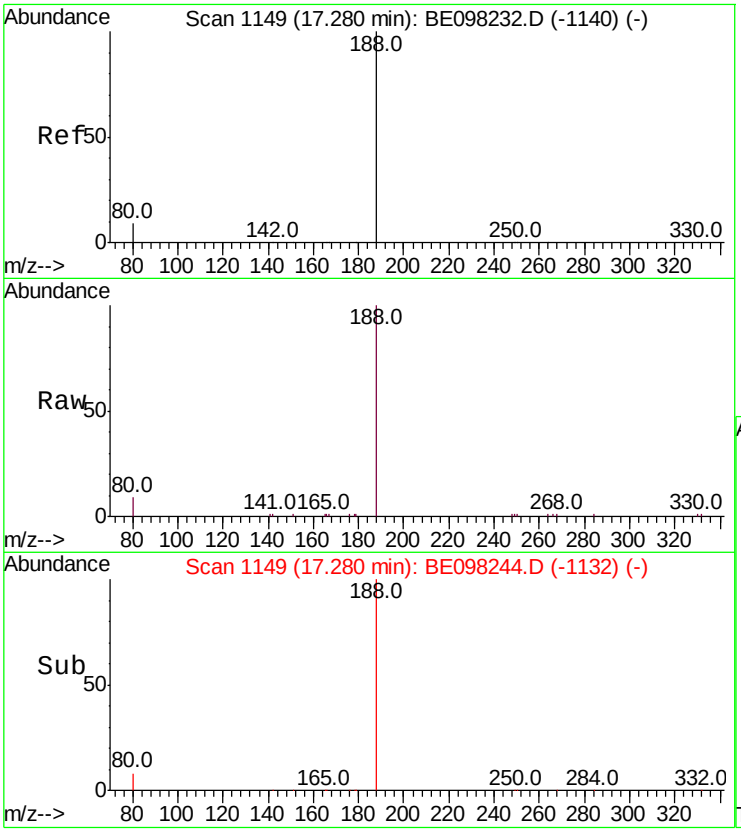




#18
Fluorene
Concen: 0.422 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:166 Resp: 6309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.4 | 80.1 | 120.1 |
| 167 | 13.5 | 10.8 | 16.2 |



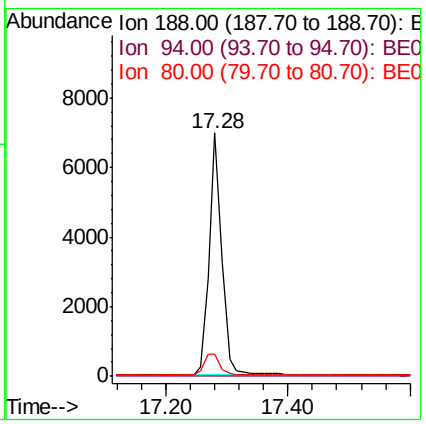


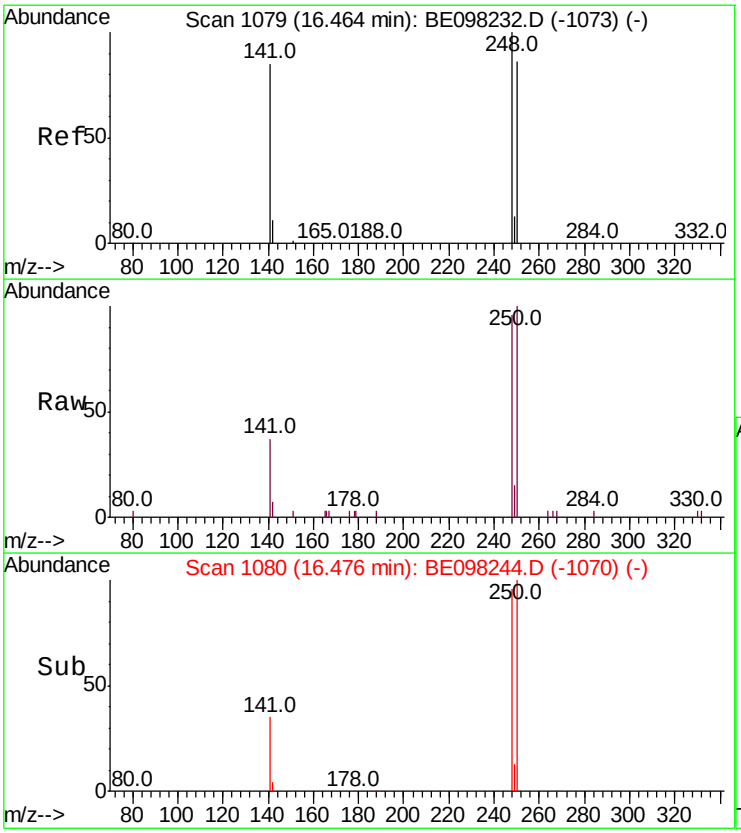

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:188 Resp: 9794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.9 | 6.7 | 10.1 |

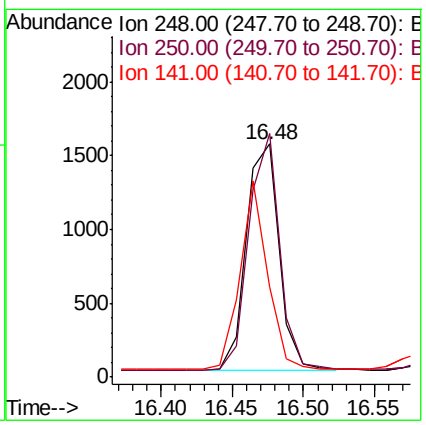


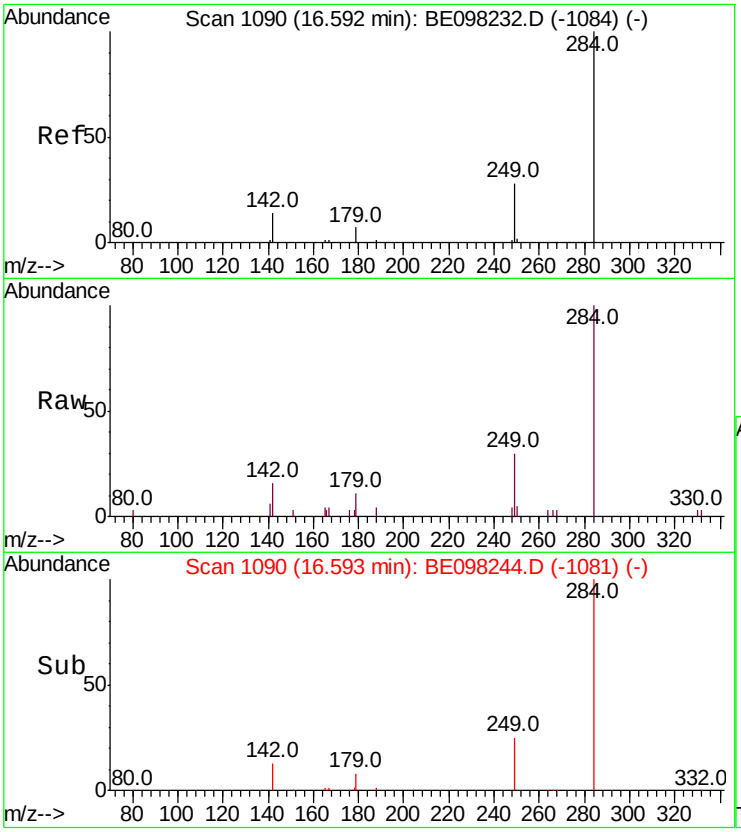




#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:248 Resp: 2460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 104.4 | 77.6 | 116.4 |
| 141 | 38.5 | 65.8 | 98.8# |



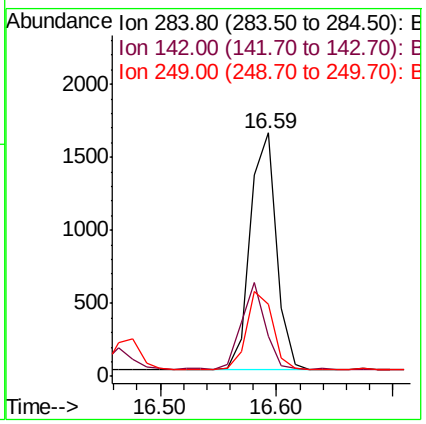


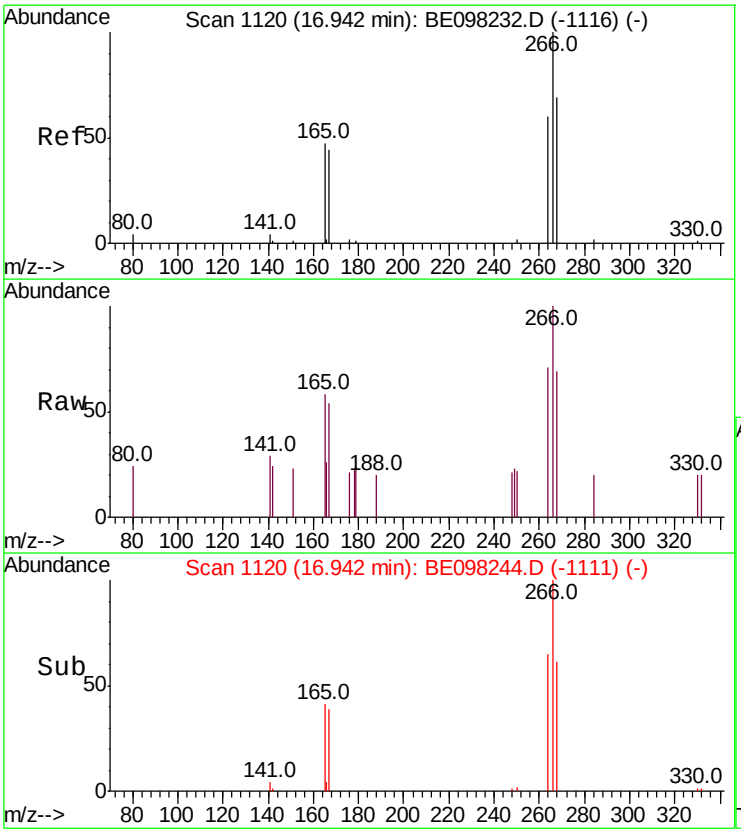

#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:284 Resp: 2557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.8 | 26.5 | 39.7 |
| 249 | 33.3 | 28.4 | 42.6 |

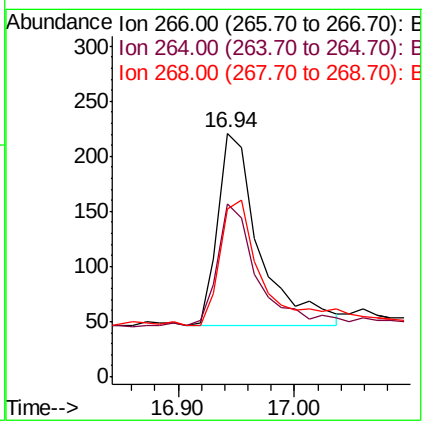


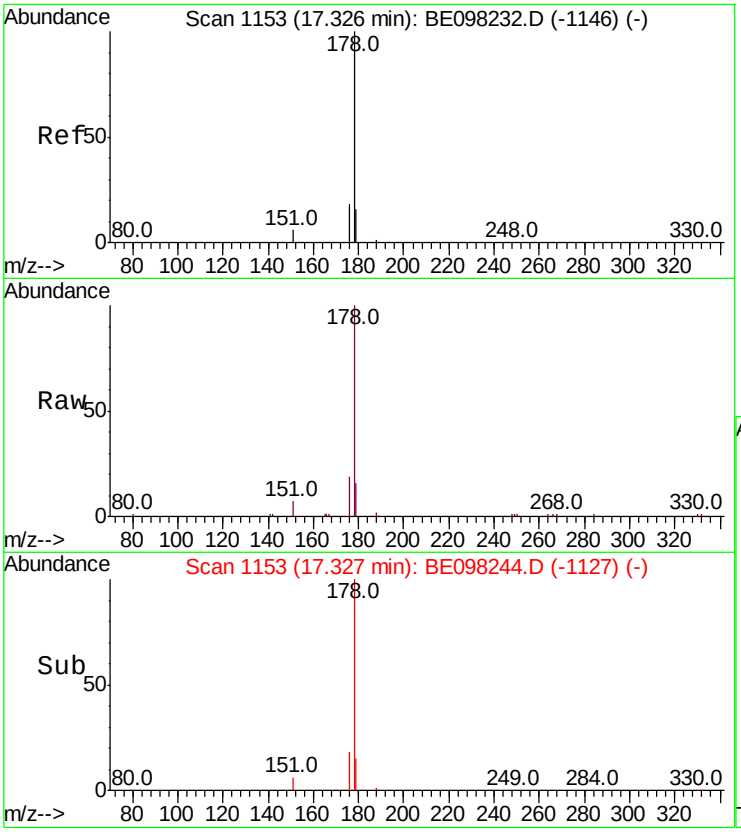




#22
Pentachlorophenol
Concen: 0.459 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:266 Resp: 438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 71.0 | 57.6 | 86.4 |
| 268 | 68.8 | 56.8 | 85.2 |



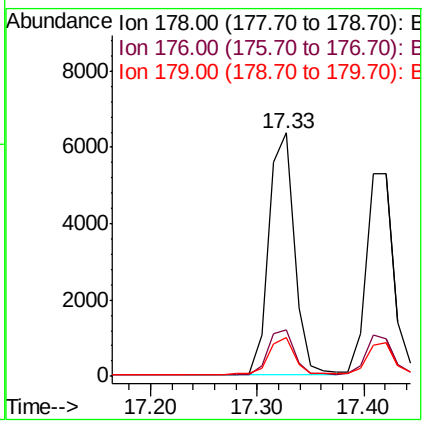


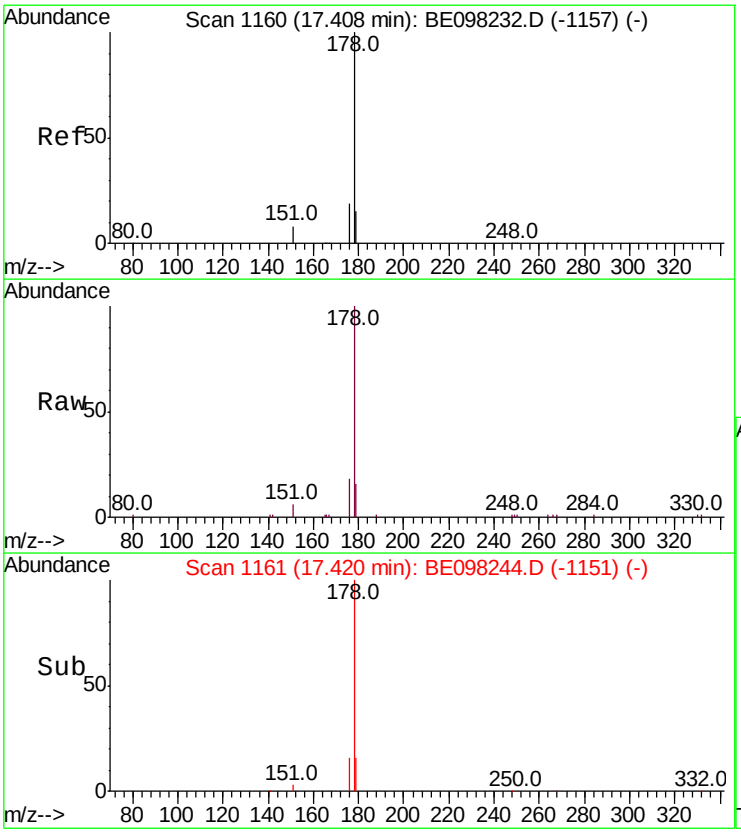

#23
Phenanthrene
Concen: 0.419 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:178 Resp: 10553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.8 | 23.8 |
| 179 | 14.9 | 12.3 | 18.5 |

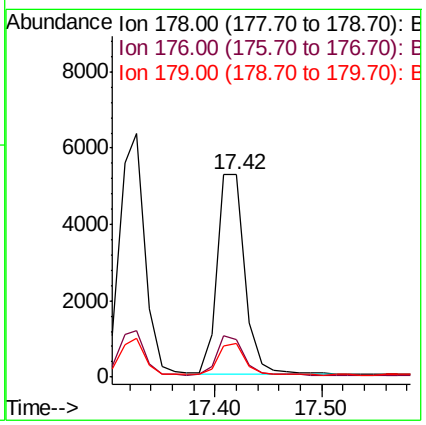


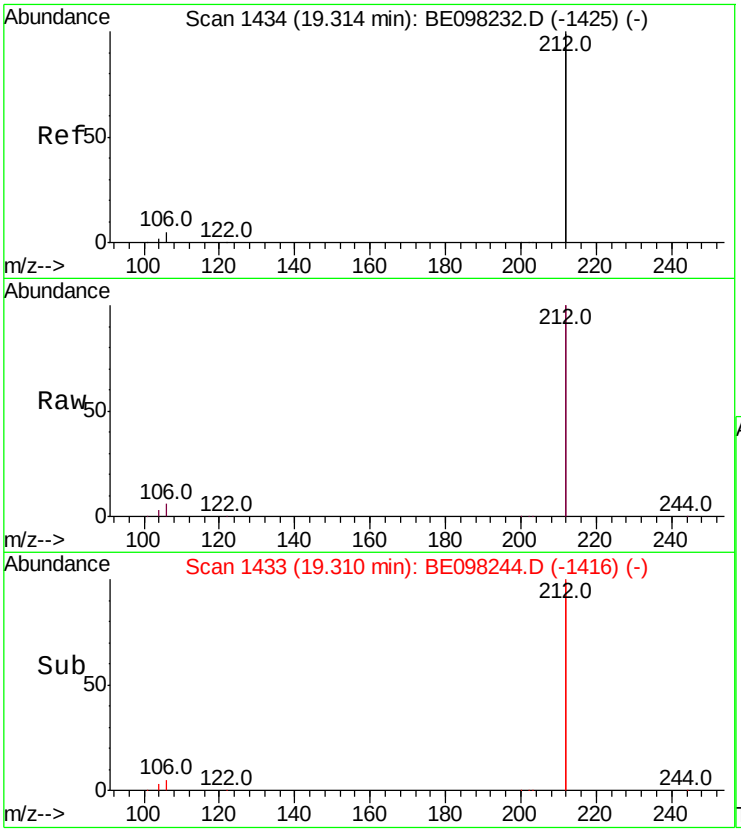




#24
Anthracene
Concen: 0.406 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:178 Resp: 9290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.7 | 23.5 |
| 179 | 15.4 | 12.1 | 18.1 |



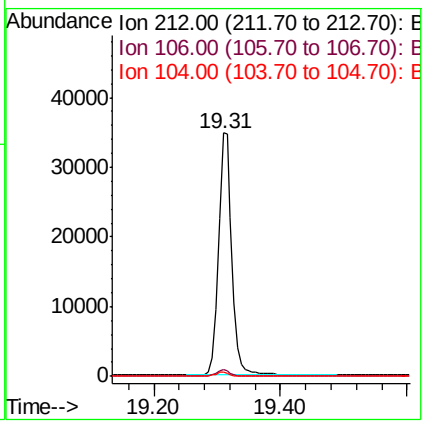


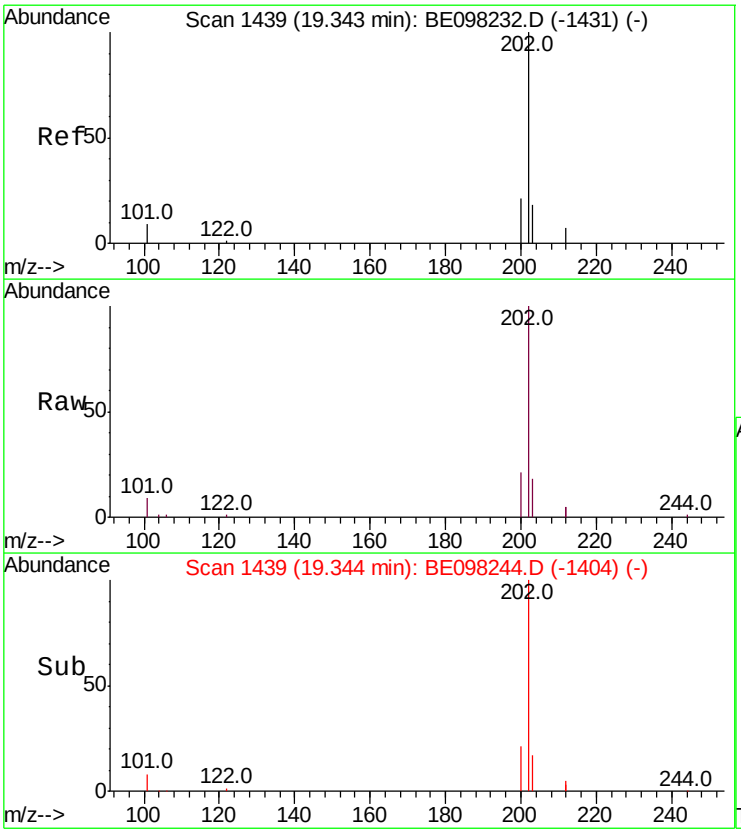

#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:212 Resp: 50757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.7 | 1.8 | 2.8 |
| 104 | 1.5 | 1.1 | 1.7 |

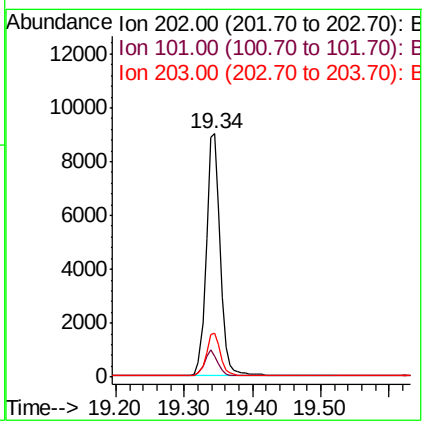


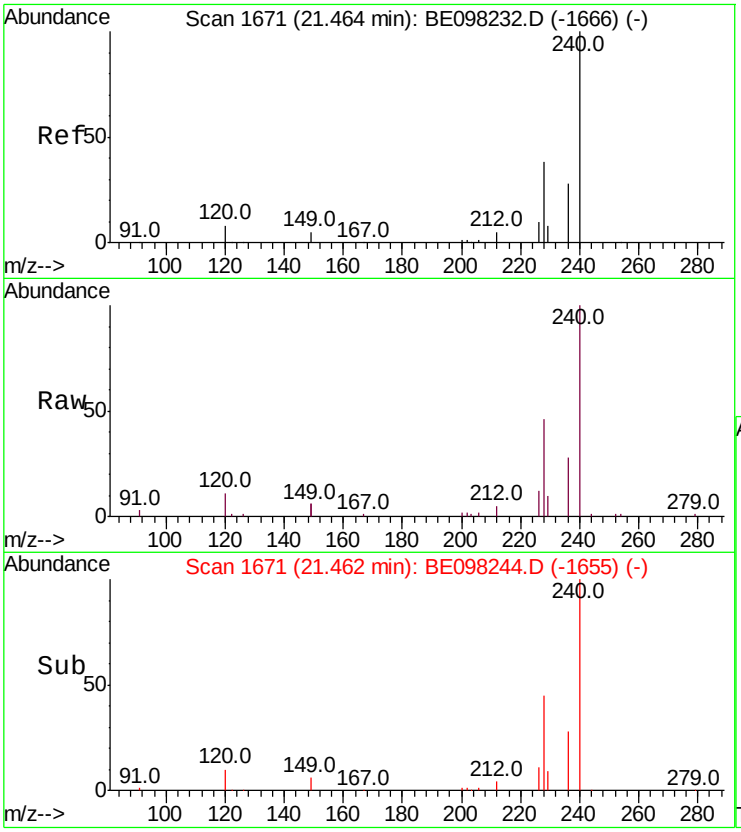




#26
Fluoranthene
Concen: 0.420 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:202 Resp: 12709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 7.0 | 10.6 |
| 203 | 17.4 | 13.7 | 20.5 |



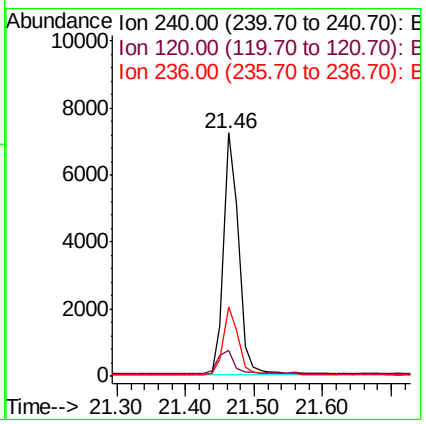


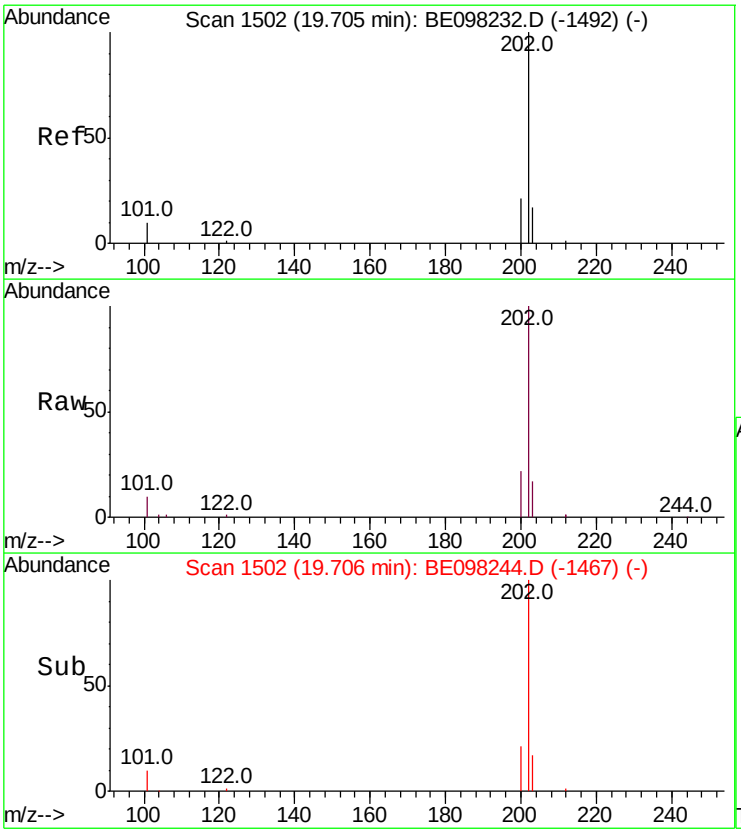

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:240 Resp: 11165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 4.8 | 7.2# |
| 236 | 28.3 | 21.4 | 32.0 |

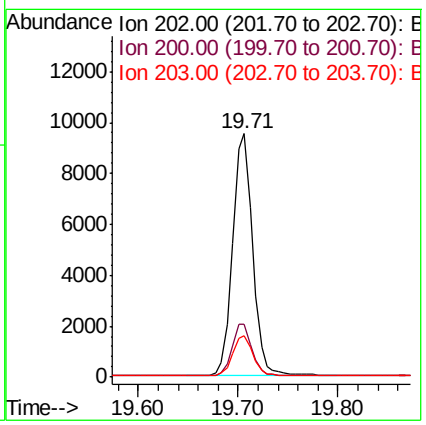


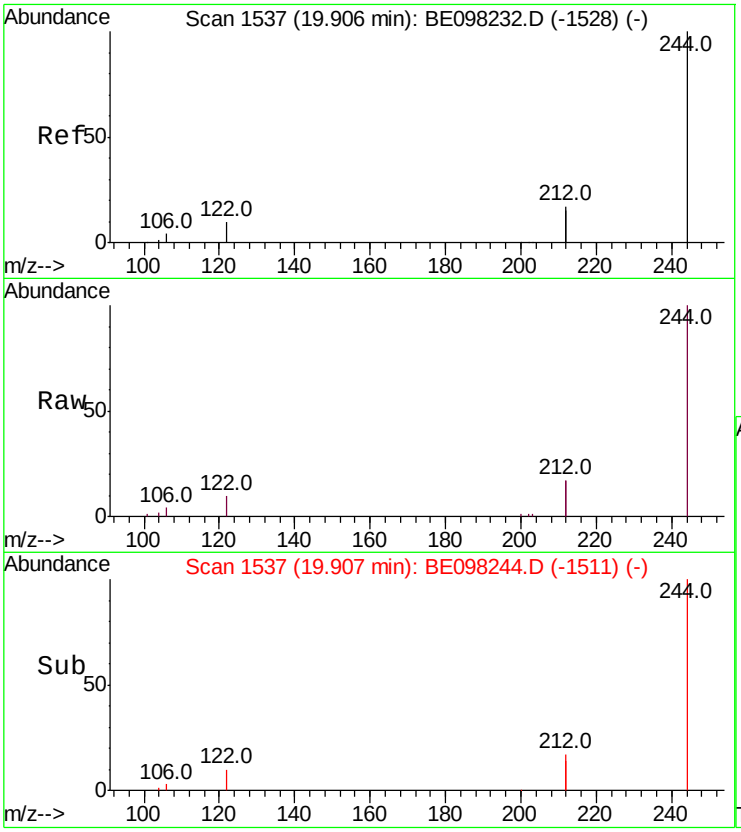




#28
Pyrene
Concen: 0.405 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:202 Resp: 13214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 17.2 | 25.8 |
| 203 | 17.0 | 14.2 | 21.4 |



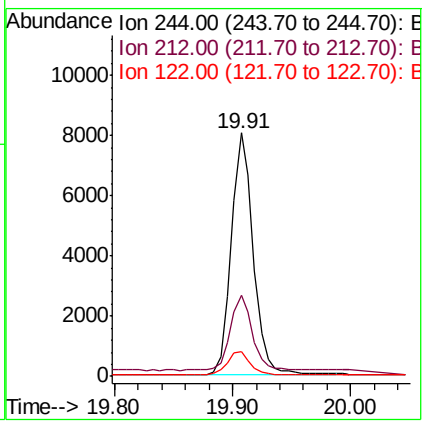


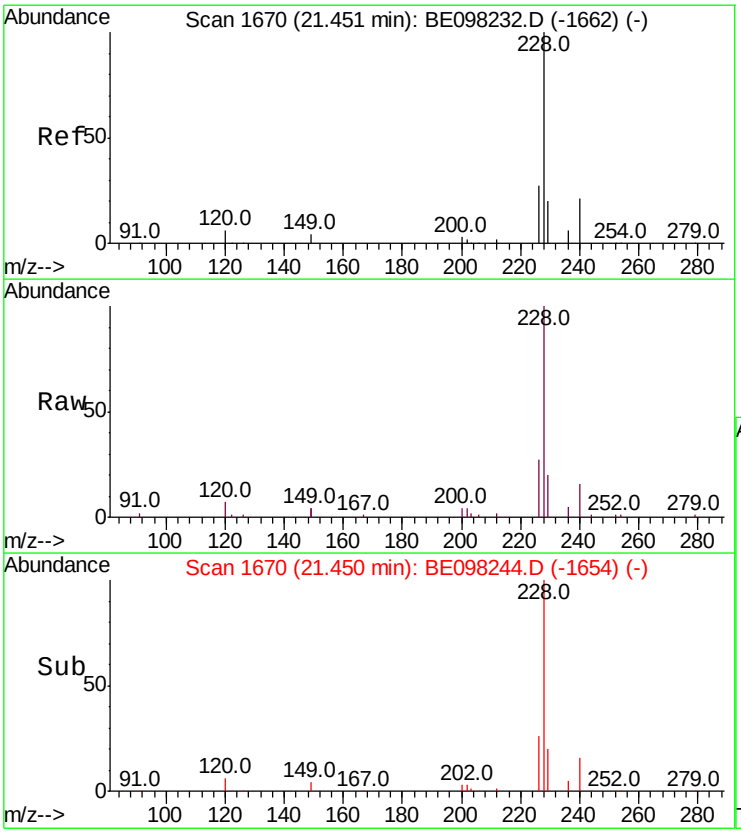

#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:244 Resp: 10350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.3 | 26.8 | 40.2 |
| 122 | 10.2 | 7.0 | 10.6 |

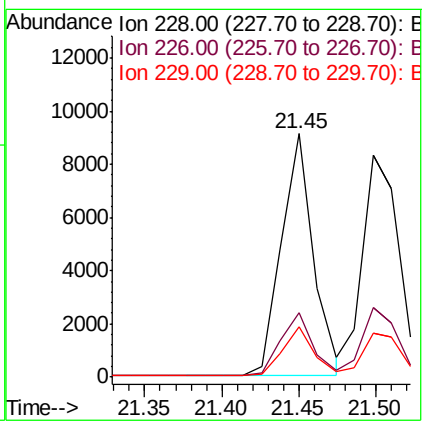


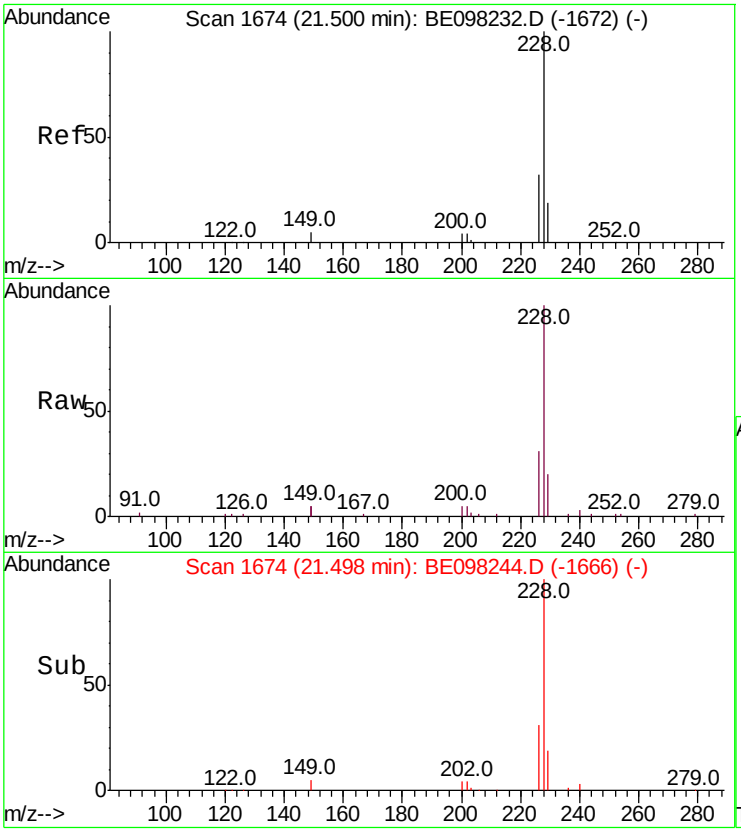




#30
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:228 Resp: 13169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 20.7 | 31.1 |
| 229 | 20.4 | 16.2 | 24.4 |



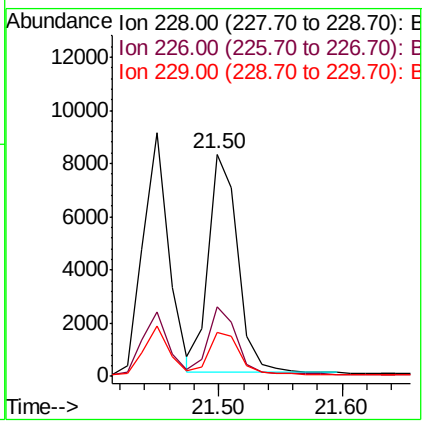


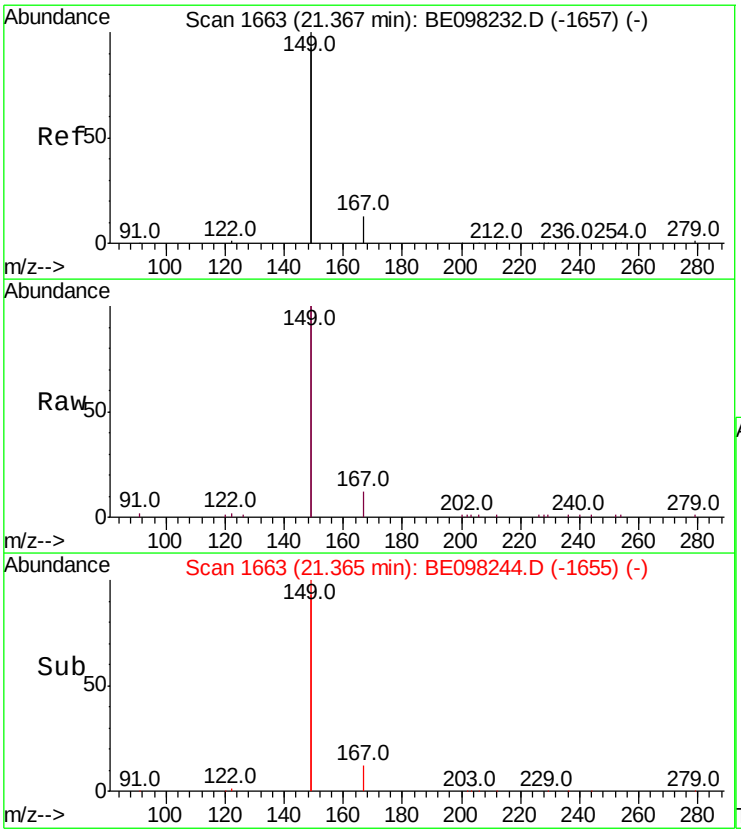

#31
Chrysene
Concen: 0.411 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:228 Resp: 13673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 24.6 | 36.8 |
| 229 | 19.9 | 16.0 | 24.0 |

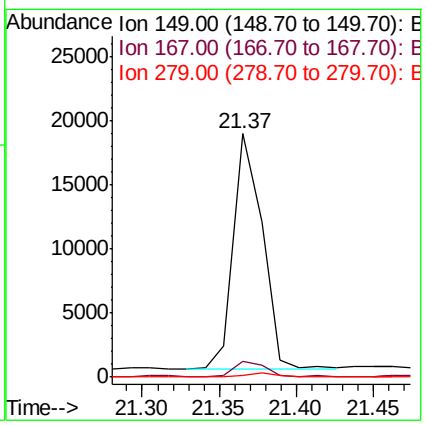


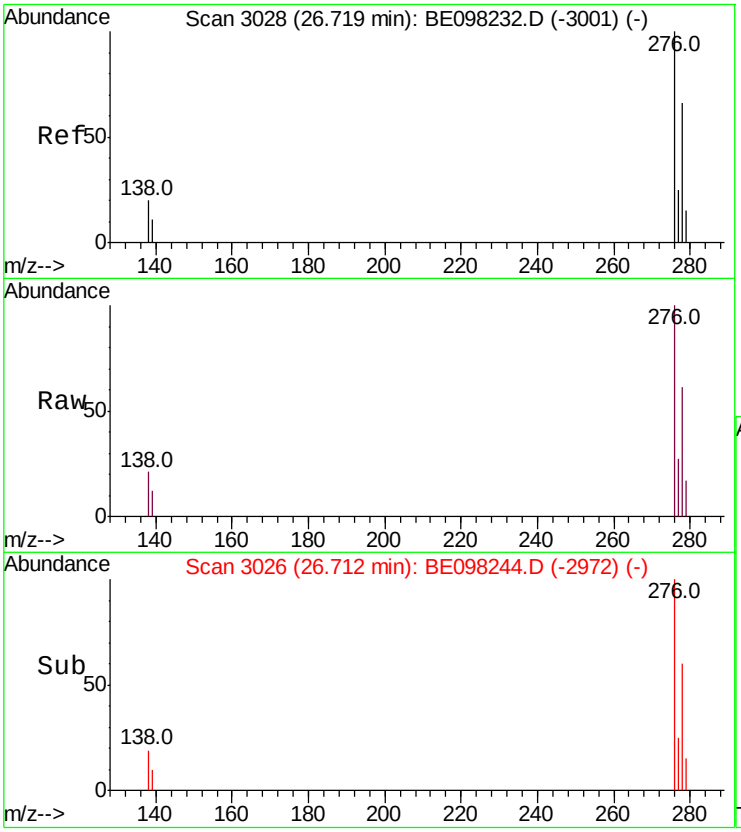




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:149 Resp: 23622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.6 | 8.4 |
| 279 | 1.1 | 0.9 | 1.3 |



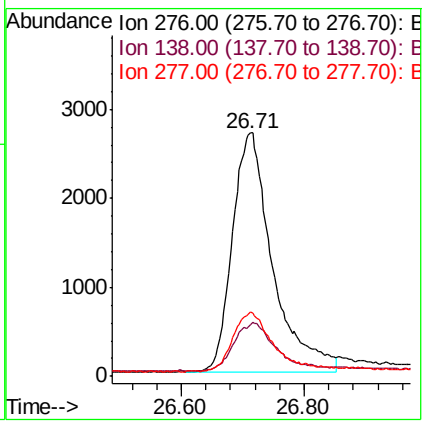


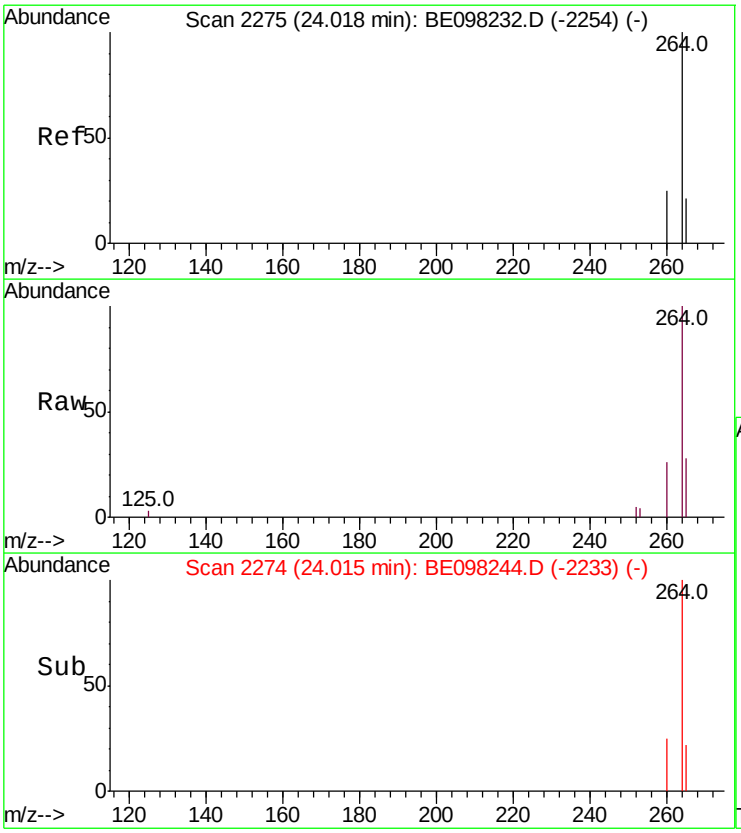

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 26.71 min Scan# 3026
Delta R.T. -0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:276 Resp: 12170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.1 | 6.4 | 9.6# |
| 277 | 23.8 | 18.9 | 28.3 |

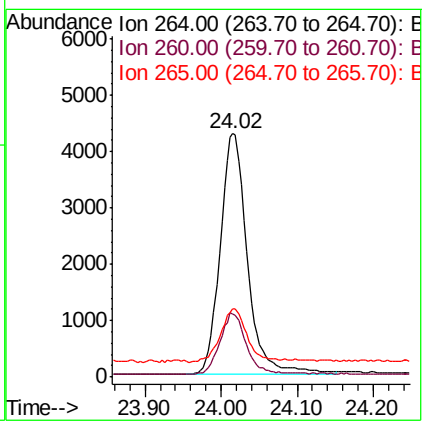


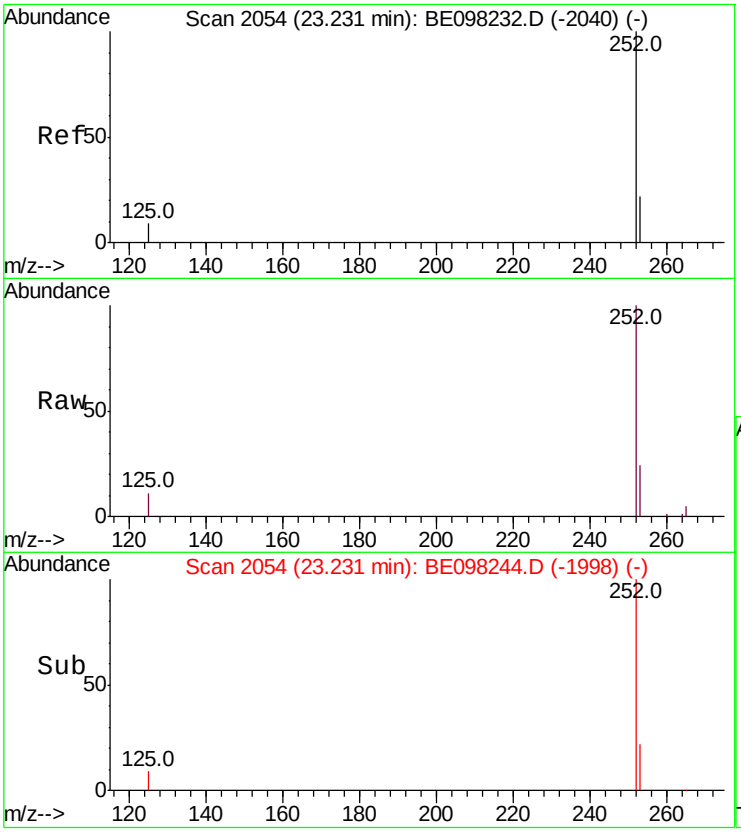




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:264 Resp: 10534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 19.9 | 29.9 |
| 265 | 28.2 | 21.3 | 31.9 |



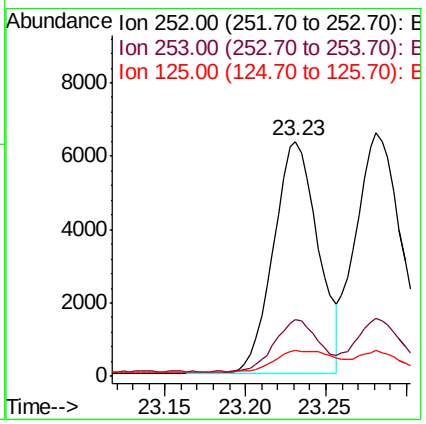


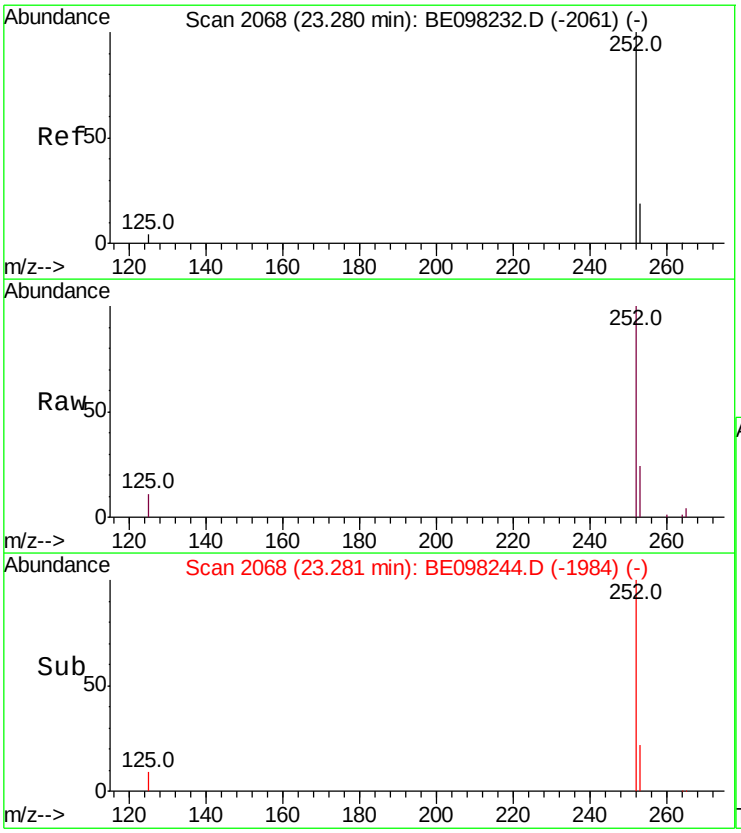

#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:252 Resp: 12232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 19.4 | 29.0 |
| 125 | 11.2 | 8.6 | 12.8 |

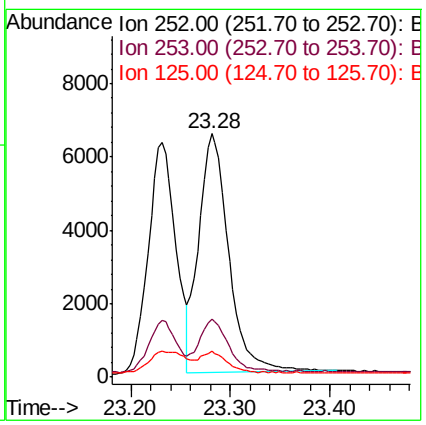


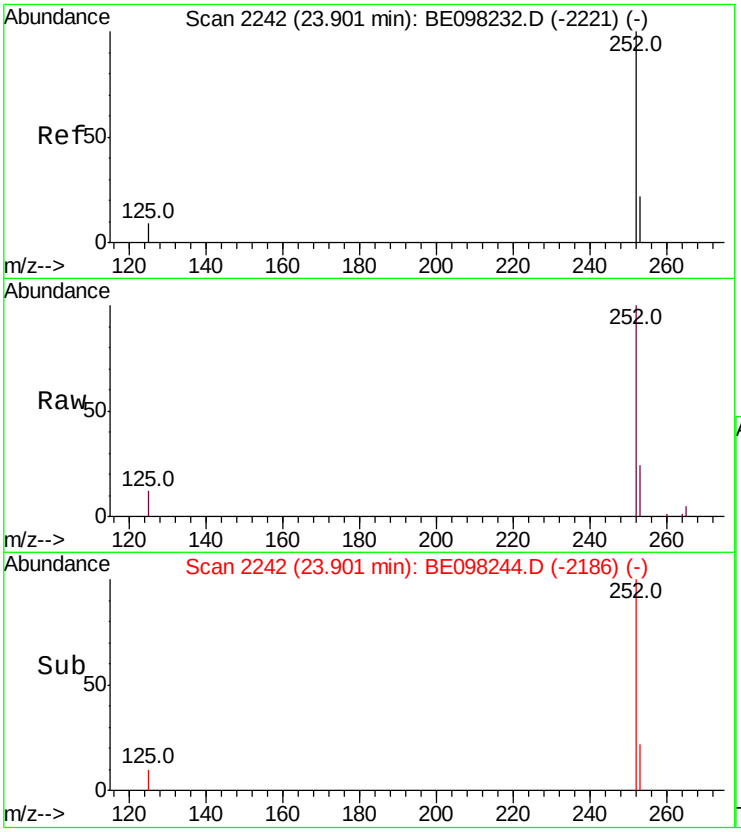




#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:252 Resp: 13617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.6 | 28.0 |
| 125 | 10.5 | 7.4 | 11.0 |



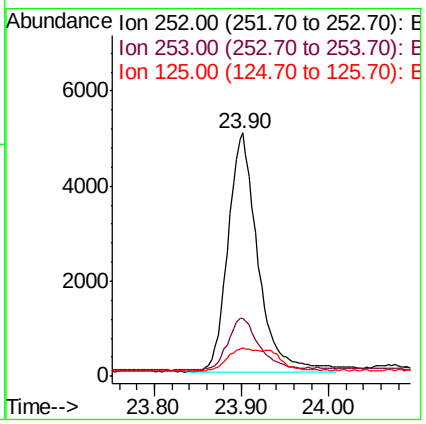


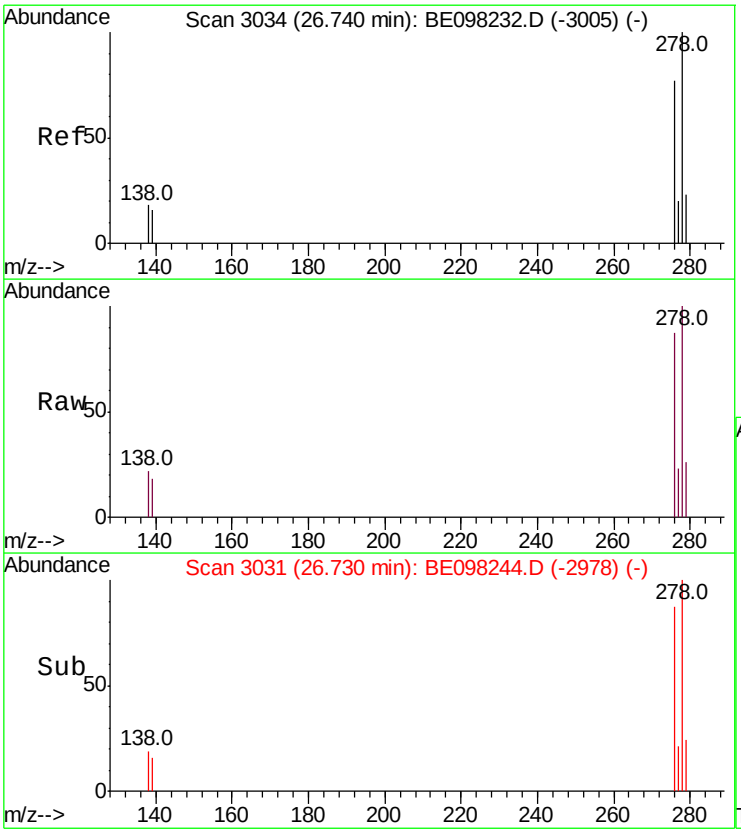

#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:252 Resp: 12019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.6 | 27.8 |
| 125 | 11.7 | 8.0 | 12.0 |

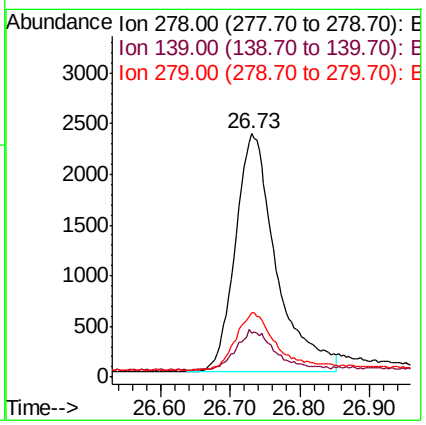


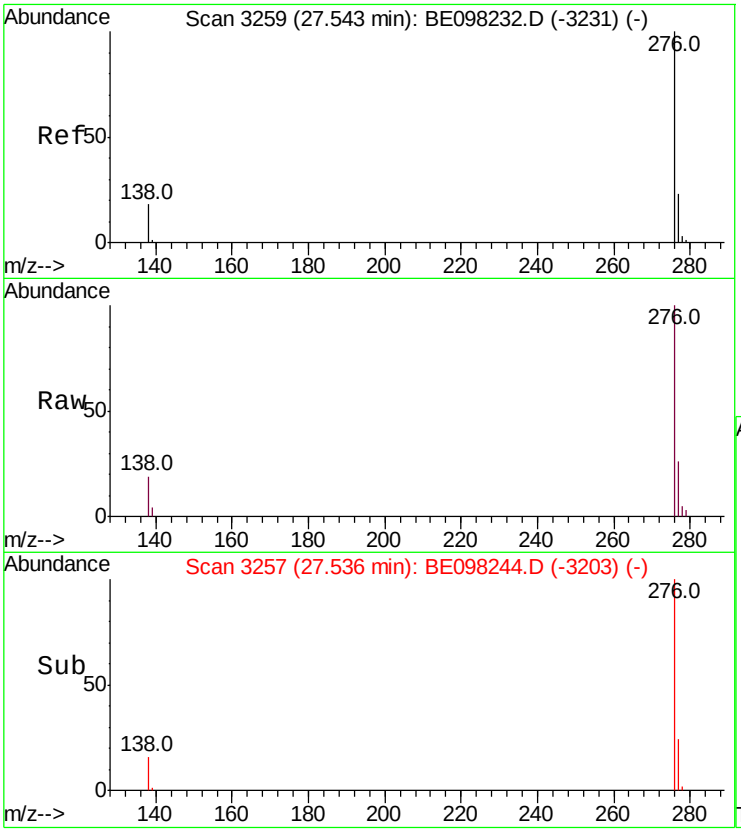




#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.73 min Scan# 3031
Delta R.T. -0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

Tgt Ion:278 Resp: 9603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.1 | 16.4 | 24.6 |
| 279 | 26.4 | 21.3 | 31.9 |






#39
Benzo(g,h,i)perylene
Concen: 0.424 ng
RT: 27.54 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BE098244.D
Acq: 19 Nov 2018 9:13

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:276 Resp: 10680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.1 | 20.4 | 30.6 |
| 138 | 18.6 | 13.2 | 19.8 |