Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101048.D
Acq On : 14 Jan 2020 11:56
Operator : JU
Sample : PB126047BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jan 14 20:41:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 3189 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.50 | 136 | 14841 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.35 | 164 | 9131 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 20845 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 16250 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.69 | 264 | 18628 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 2490 | 0.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 3157 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.87 | 82 | 3188 | 0.30 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 11578 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 711 | 0.28 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.00 | 172 | 14215 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.13 | 212 | 105875 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 16774 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 2983 | 0.382 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 1095 | 0.247 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.16 | 93 | 3352 | 0.310 | ng | | 97 |
| 9) Naphthalene | 10.55 | 128 | 67850 | 0.412 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 2993 | 0.429 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.18 | 142 | 9904 | 0.397 | ng | | 98 |
| 16) Acenaphthylene | 14.08 | 152 | 12783 | 0.344 | ng | | 100 |
| 17) Acenaphthene | 14.43 | 154 | 10725 | 0.403 | ng | | 99 |
| 18) Fluorene | 15.39 | 166 | 13244 | 0.394 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.30 | 248 | 3798 | 0.374 | ng | | 96 |
| 21) Hexachlorobenzene | 16.41 | 284 | 4406 | 0.395 | ng | | 99 |
| 22) Pentachlorophenol | 16.76 | 266 | 579 | 0.398 | ng | | 91 |
| 23) Phenanthrene | 17.13 | 178 | 22169 | 0.389 | ng | | 99 |
| 24) Anthracene | 17.23 | 178 | 19836 | 0.369 | ng | | 99 |
| 26) Fluoranthene | 19.16 | 202 | 25731 | 0.361 | ng | | 99 |
| 28) Pyrene | 19.52 | 202 | 25964 | 0.429 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 15282 | 0.330 | ng | | 97 |
| 31) Chrysene | 21.31 | 228 | 31102 | 0.451 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 25091 | 0.325 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.23 | 276 | 22055 | 0.405 | ng | # | 88 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 16889 | 0.323 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 28339 | 0.374 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.59 | 252 | 18301 | 0.362 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.27 | 278 | 16868 | 0.363 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.01 | 276 | 21423 | 0.375 | ng | | 99 |

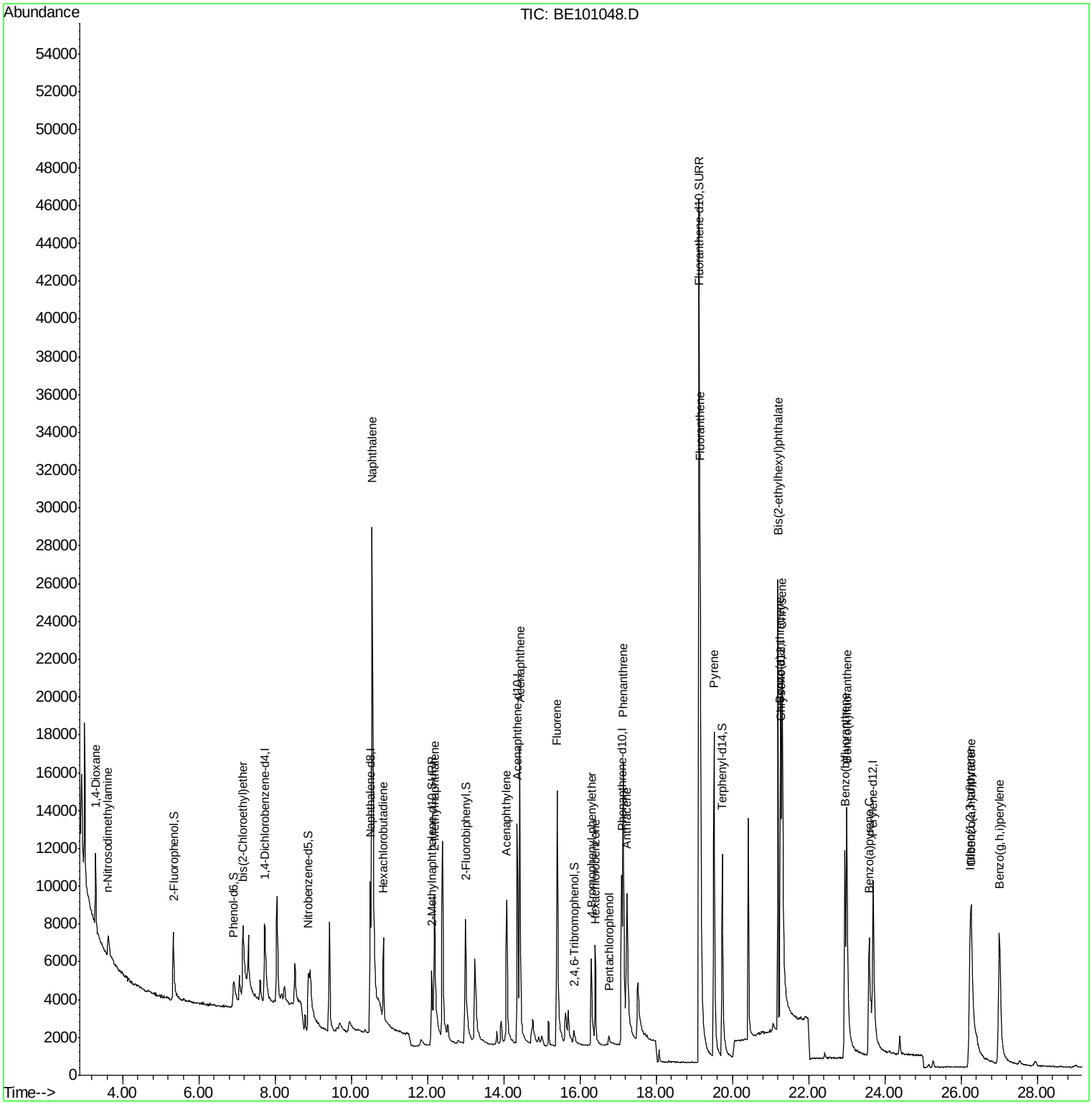
(#) = qualifier out of range (m) = manual integration (+) = signals summed

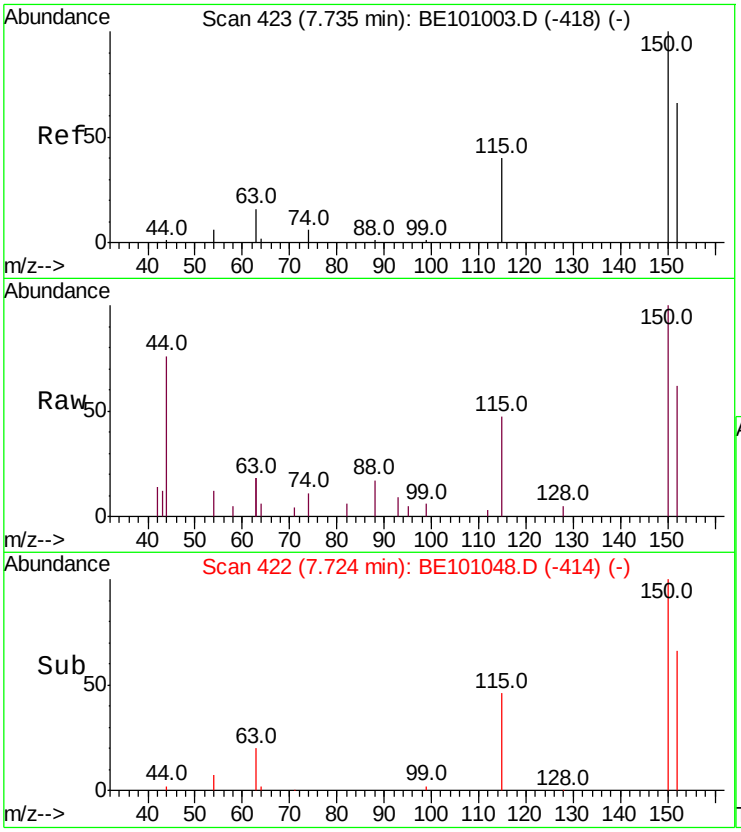
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101048.D
Acq On : 14 Jan 2020 11:56
Operator : JU
Sample : PB126047BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jan 14 20:41:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



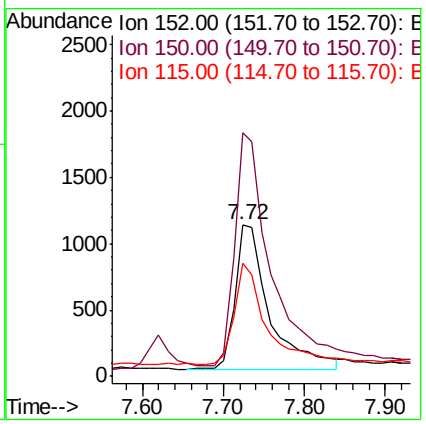


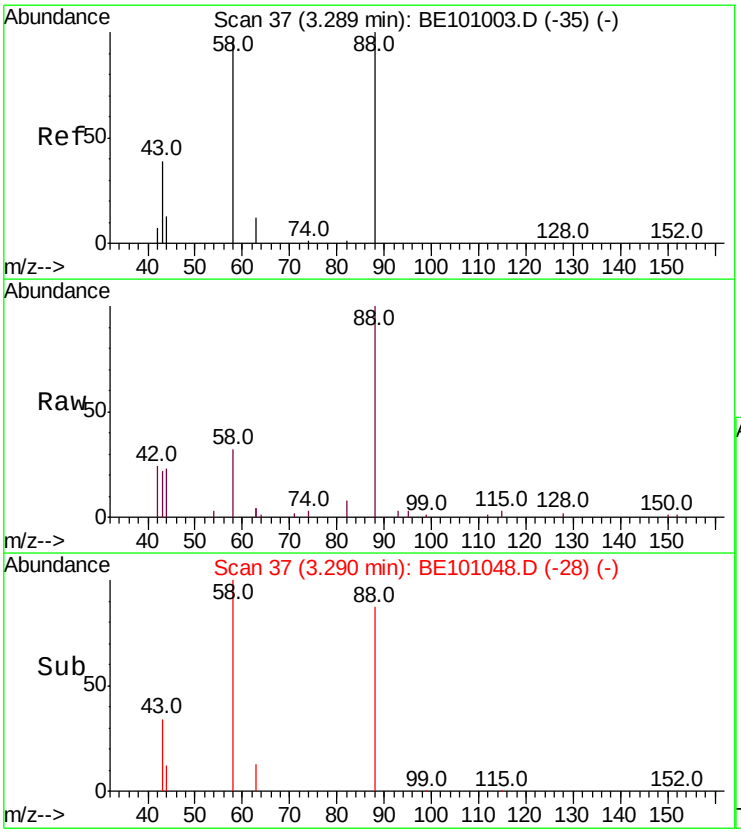

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:152 Resp: 3189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.1 | 120.3 | 180.5 |
| 115 | 74.5 | 51.7 | 77.5 |

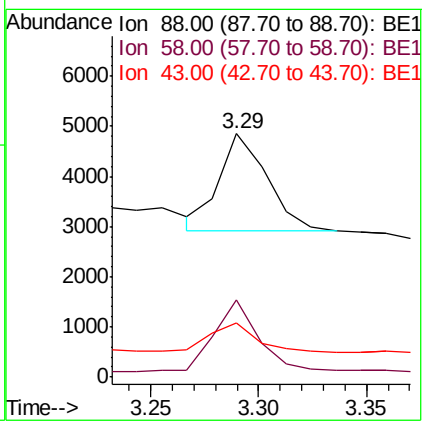


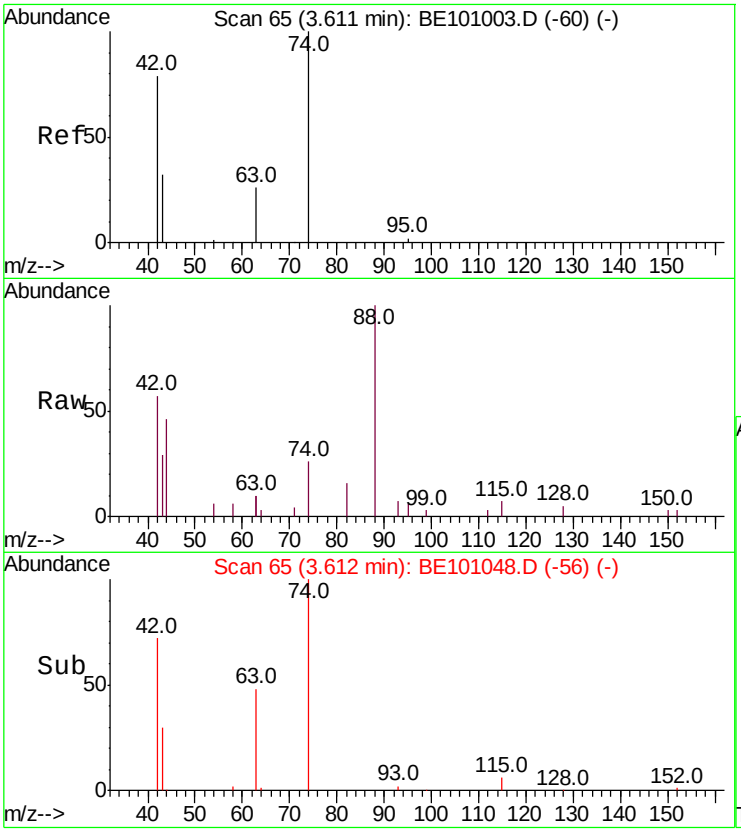




#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion: 88 Resp: 2983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 68.4 | 53.0 | 79.4 |
| 43 | 30.9 | 23.4 | 35.2 |



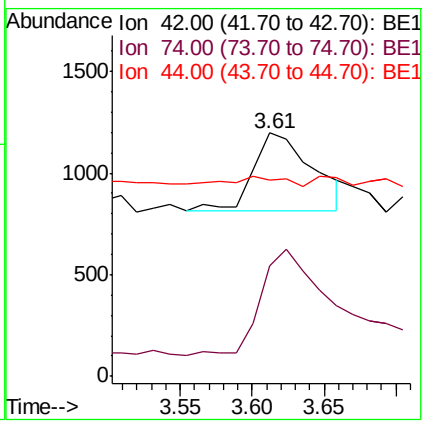


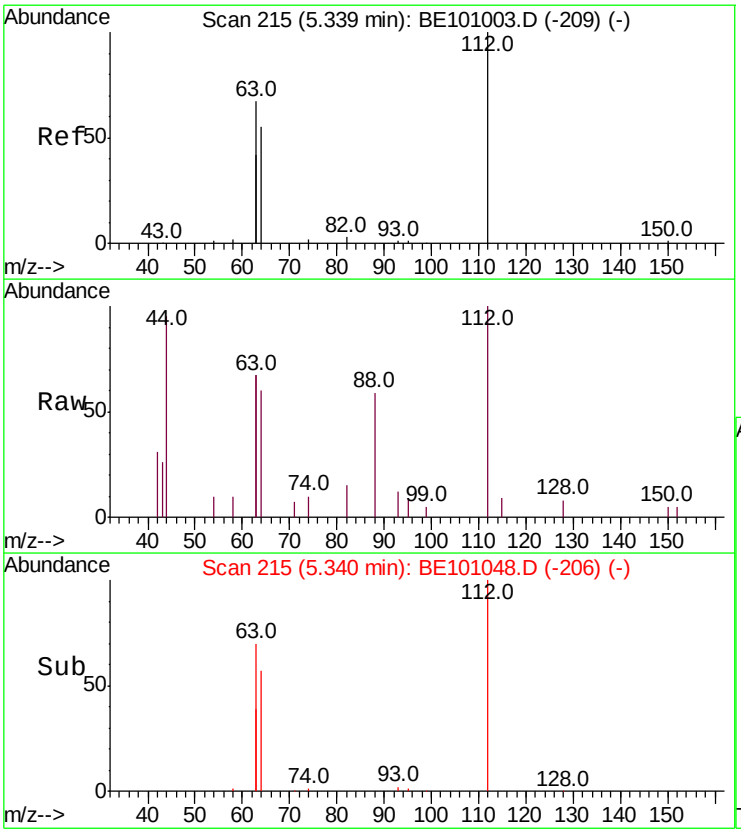

#3
n-Nitrosodimethylamine
Concen: 0.247 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion: 42 Resp: 1095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.5 | 105.7 | 158.5 |
| 44 | 0.0 | 10.0 | 15.0# |

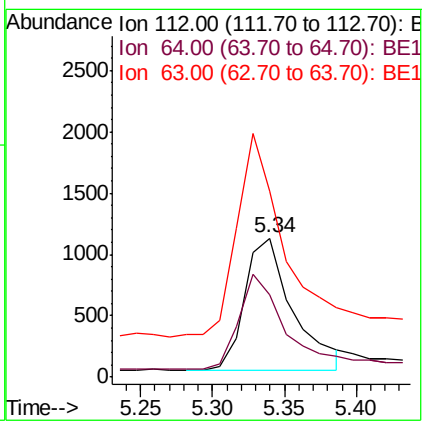


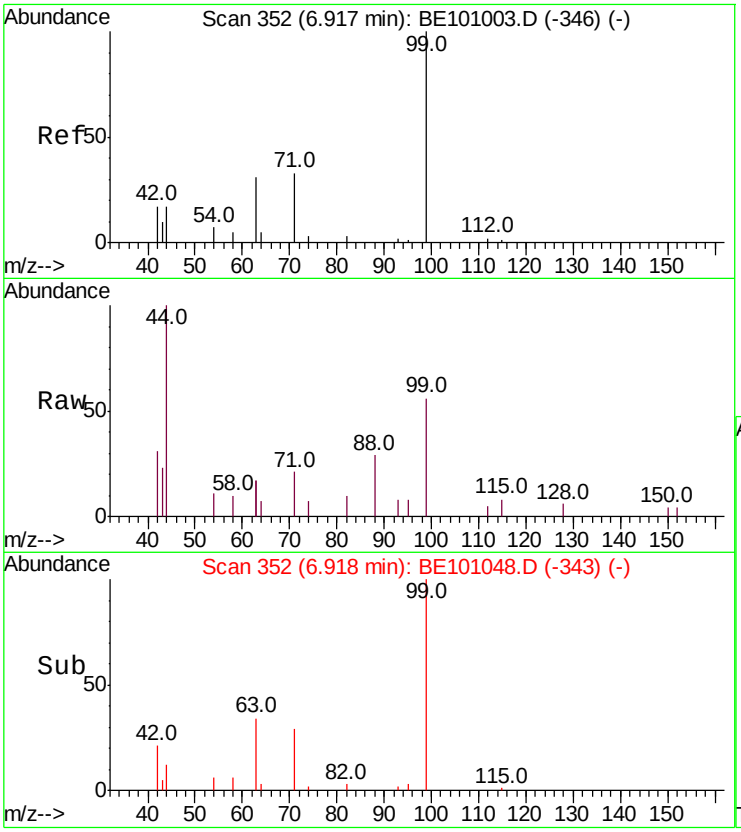




#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:112 Resp: 2490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.4 | 53.6 | 80.4 |
| 63 | 152.2 | 114.6 | 172.0 |



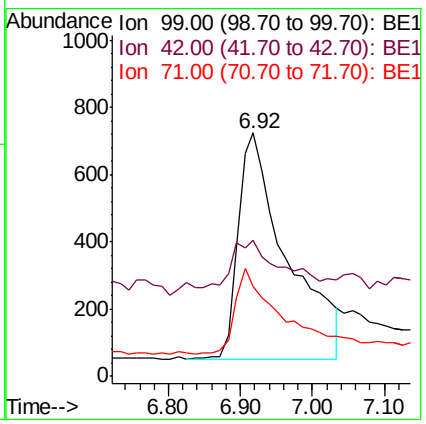


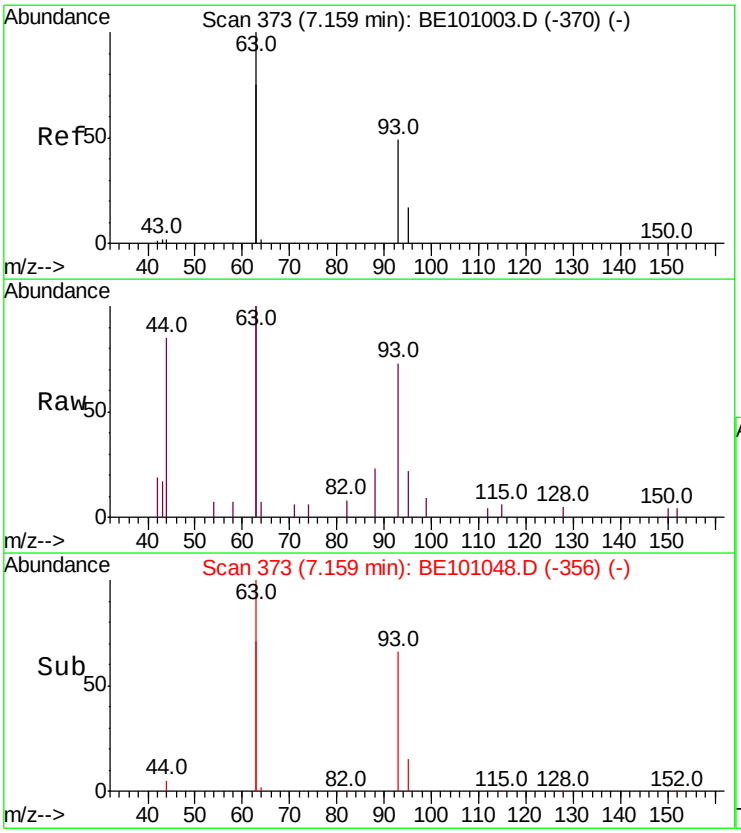

#5
Phenol-d6
Concen: 0.348 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion: 99 Resp: 3157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.4 | 18.3 | 27.5 |
| 71 | 35.6 | 28.0 | 42.0 |

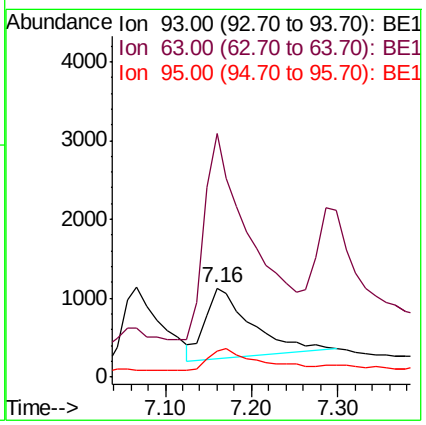


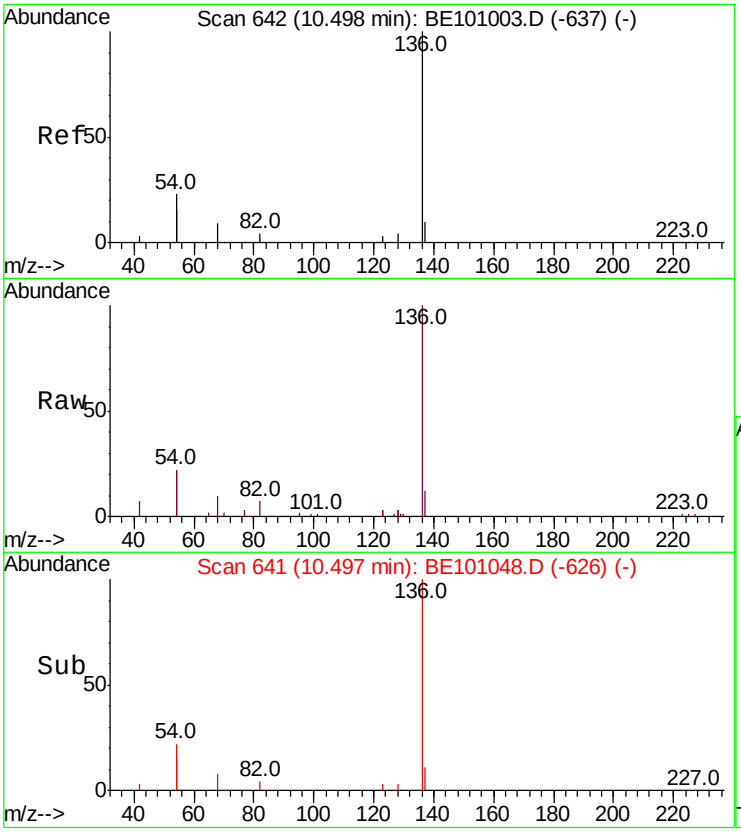




#6
bis(2-Chloroethyl)ether
Concen: 0.310 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion: 93 Resp: 3352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 297.9 | 233.9 | 350.9 |
| 95 | 33.4 | 23.5 | 35.3 |



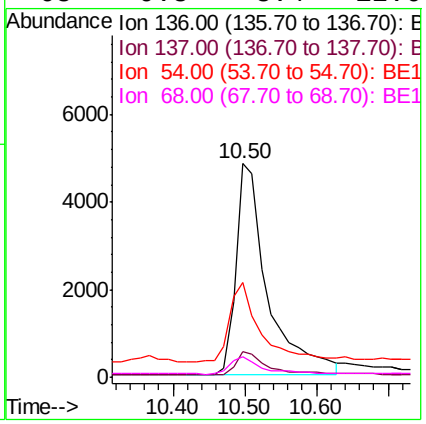


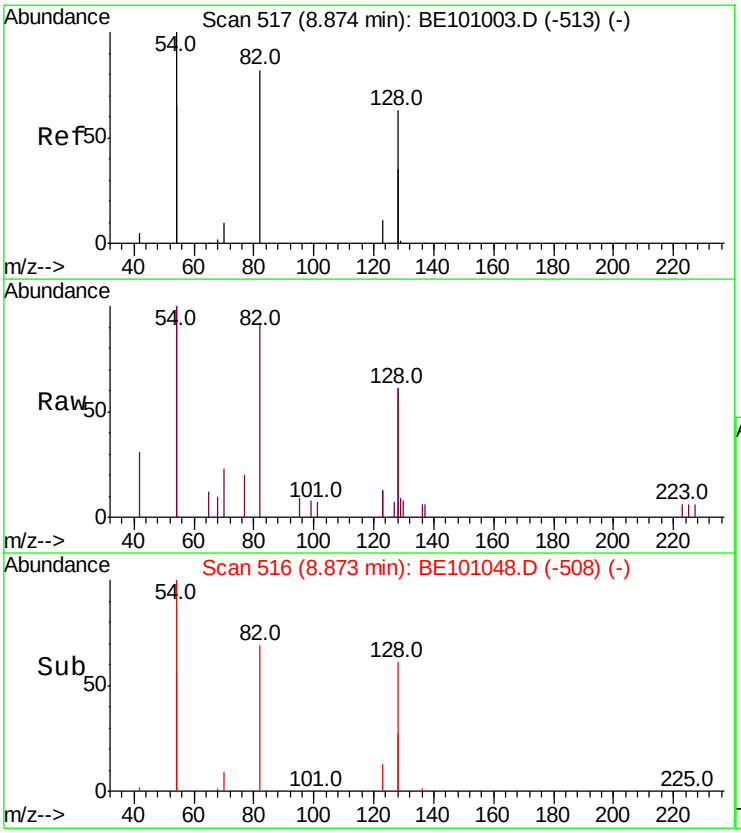

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:136 Resp: 14841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.3 | 13.9 |
| 54 | 44.4 | 36.8 | 55.2 |
| 68 | 9.8 | 8.4 | 12.6 |

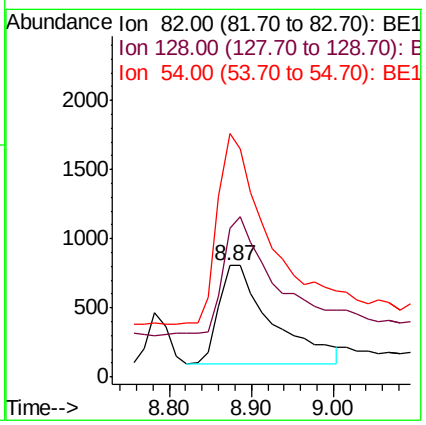


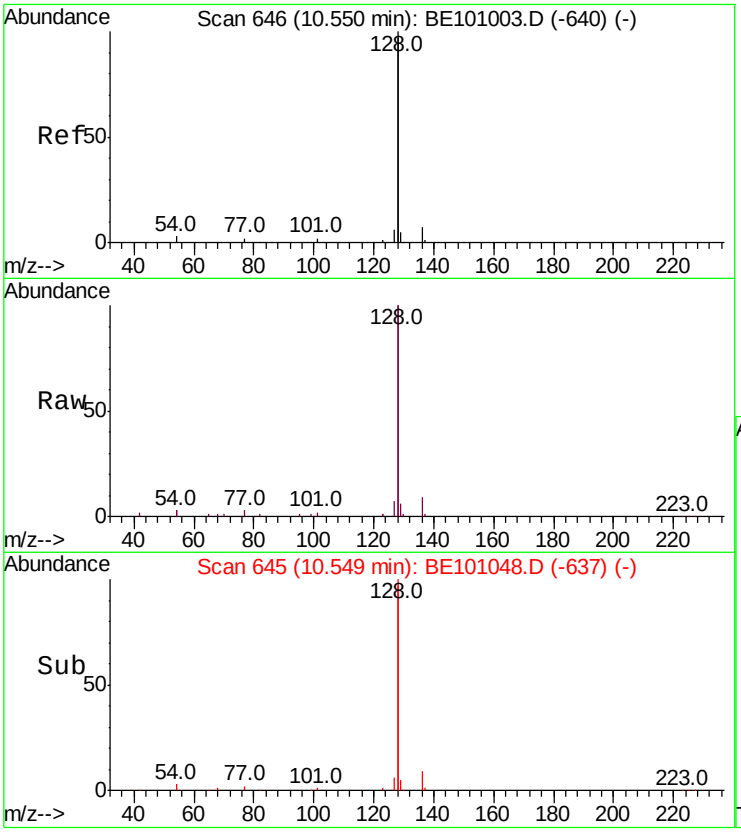




#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion: 82 Resp: 3188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 134.0 | 109.8 | 164.6 |
| 54 | 218.4 | 174.5 | 261.7 |



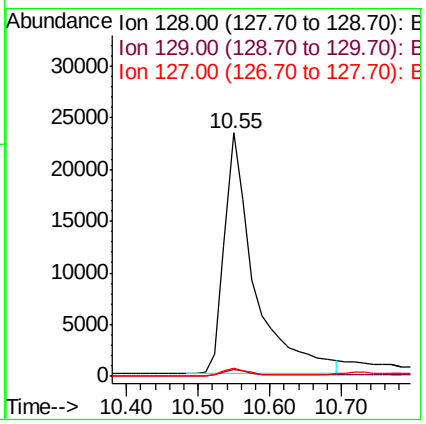


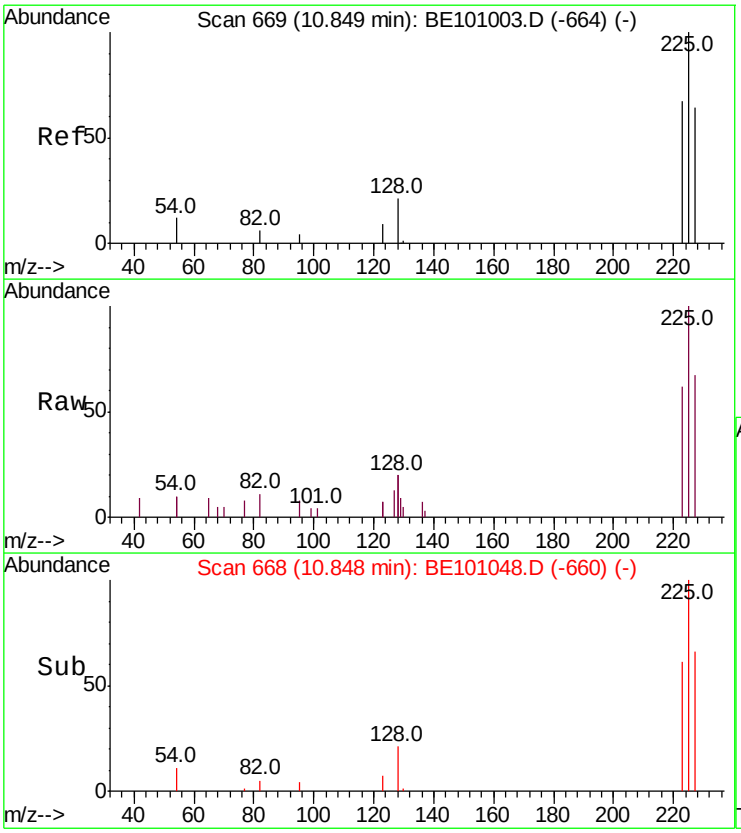

#9
Naphthalene
Concen: 0.412 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:128 Resp: 67850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.0 | 2.3 | 3.5 |
| 127 | 3.4 | 2.7 | 4.1 |

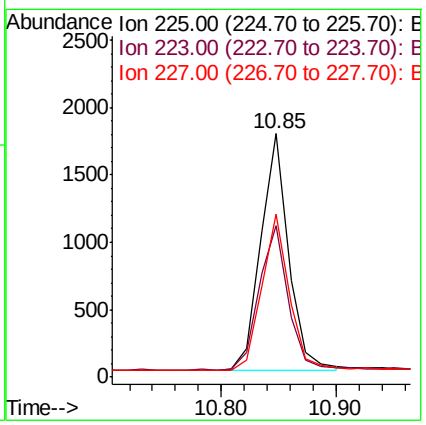


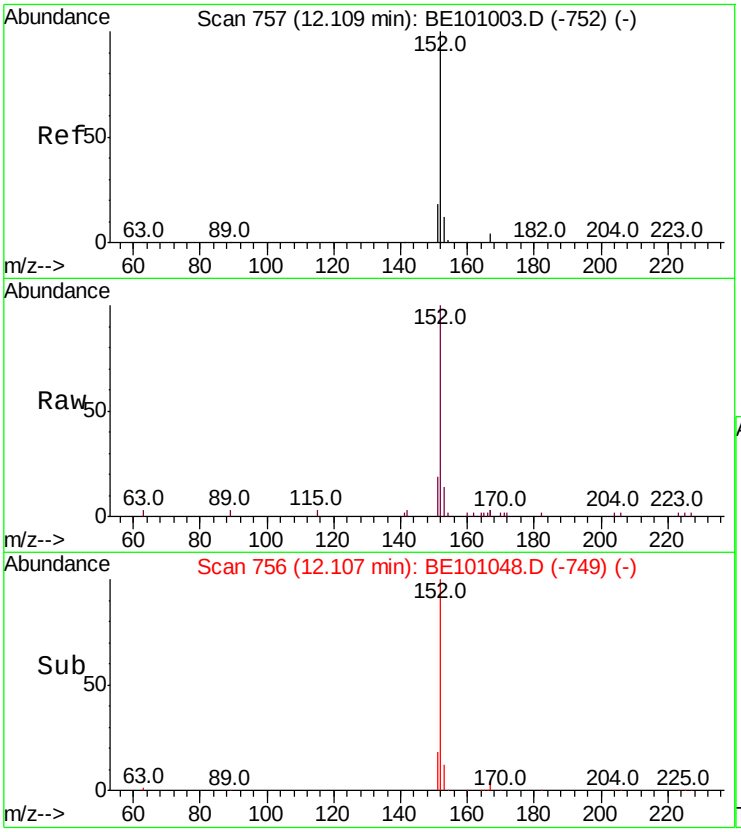




#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:225 Resp: 2993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 52.2 | 78.4 |
| 227 | 65.2 | 49.9 | 74.9 |



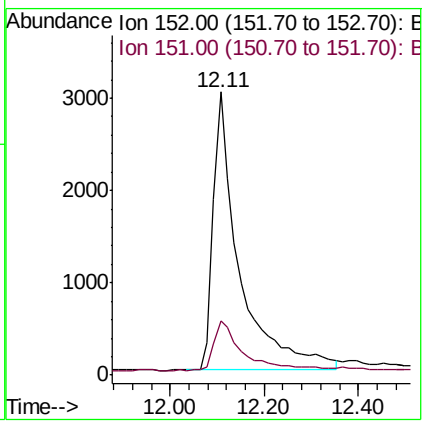


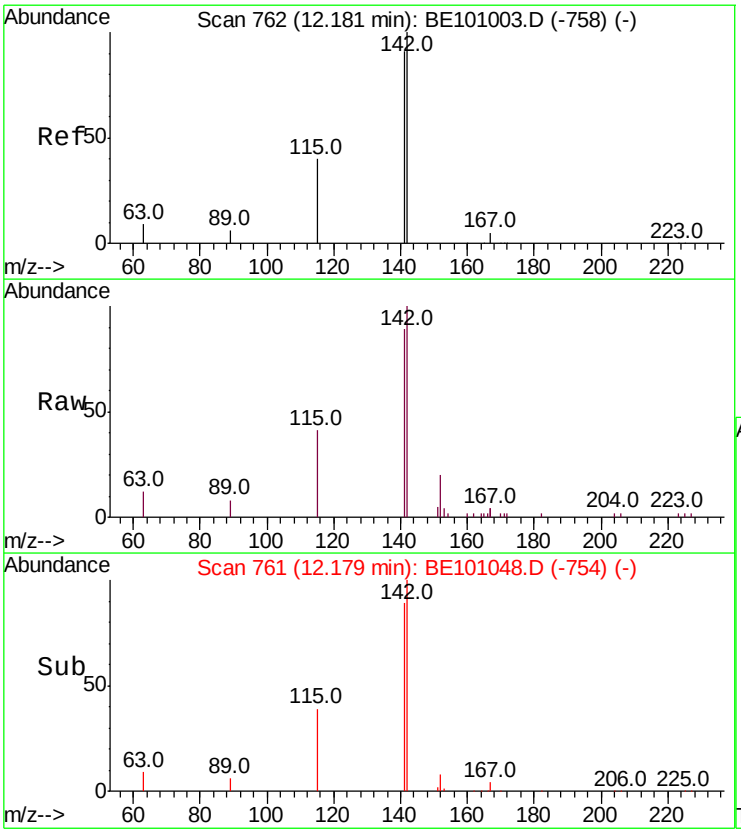

#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:152 Resp: 11578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.0 | 22.6 |

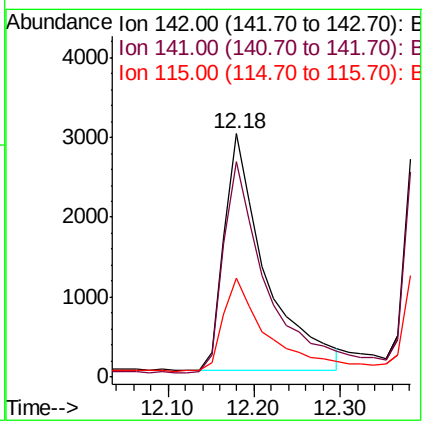


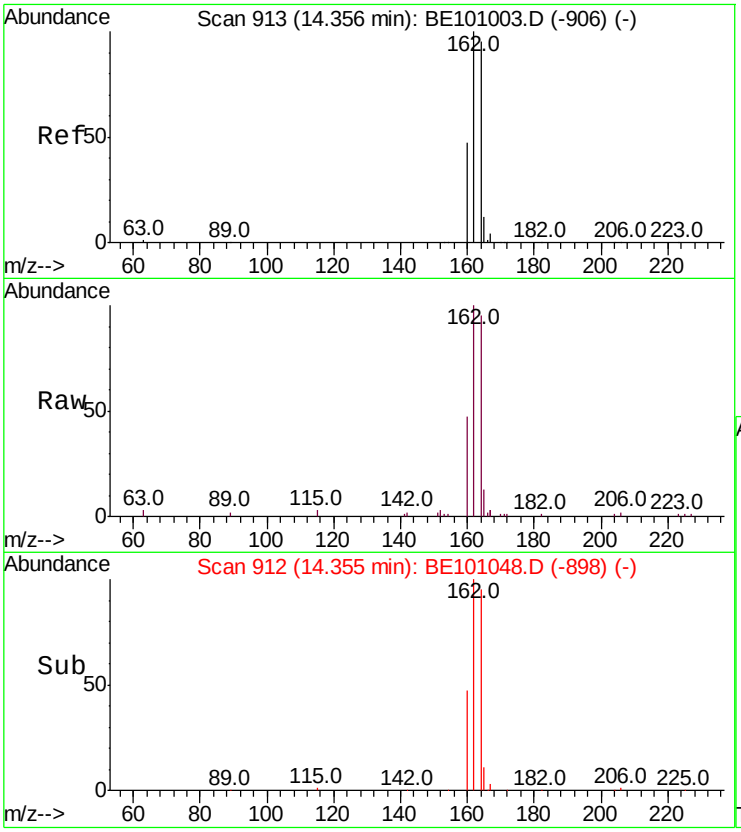




#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:142 Resp: 9904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 72.5 | 108.7 |
| 115 | 40.6 | 33.0 | 49.6 |



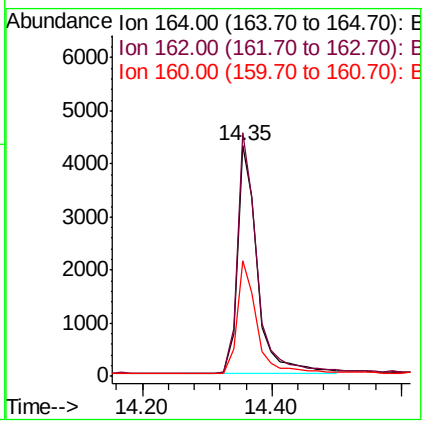


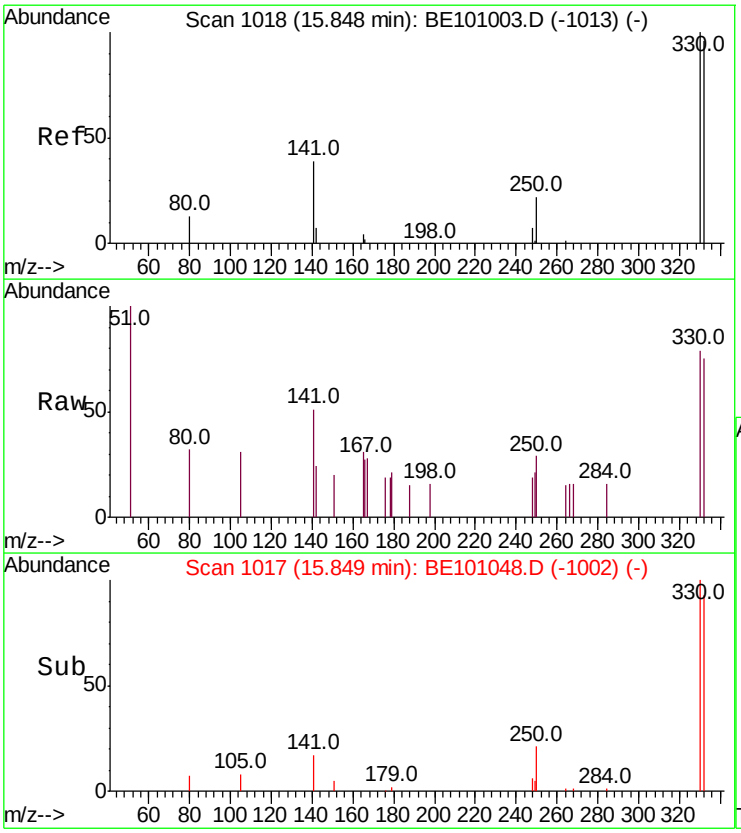

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:164 Resp: 9131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.5 | 84.1 | 126.1 |
| 160 | 50.1 | 40.4 | 60.6 |

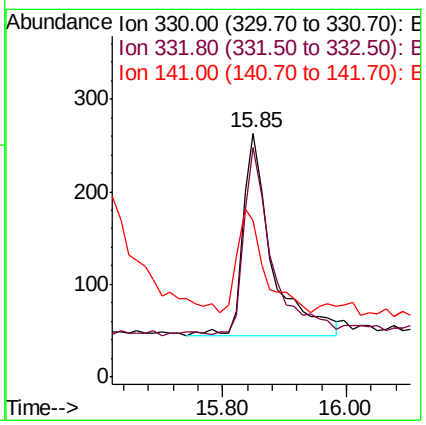


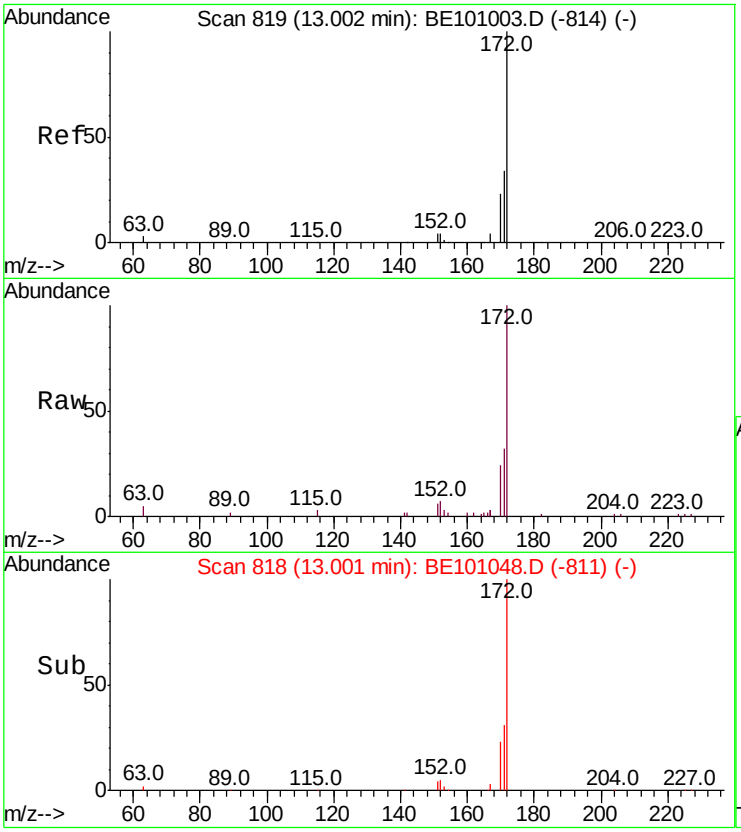




#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:330 Resp: 711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 89.9 | 78.4 | 117.6 |
| 141 | 48.5 | 37.0 | 55.4 |



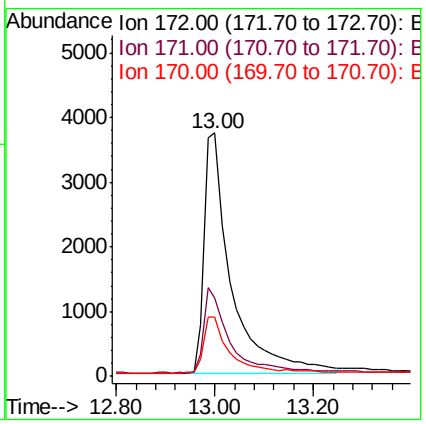


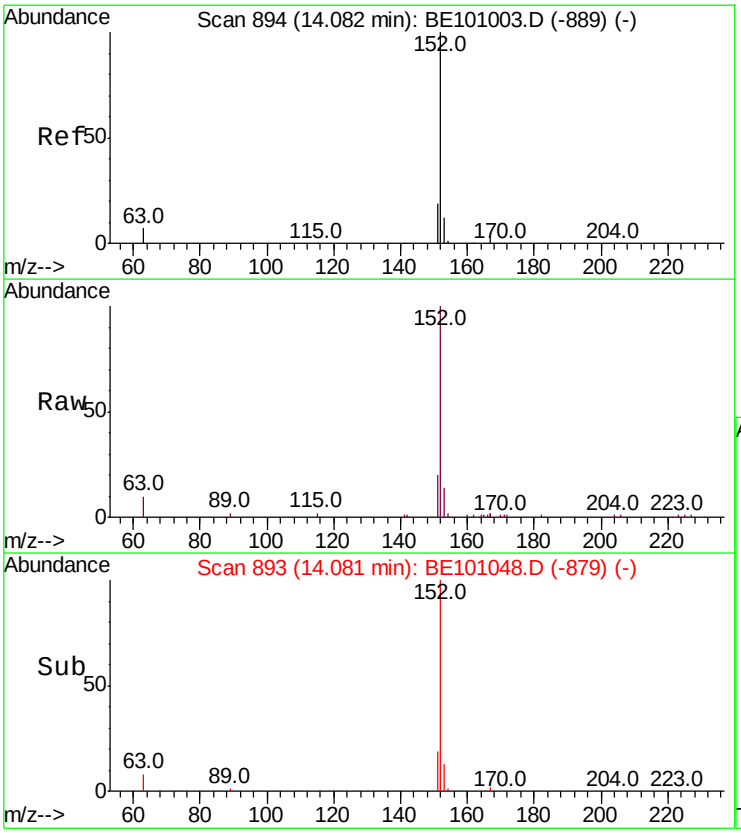

#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:172 Resp: 14215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.2 | 28.2 | 42.2 |
| 170 | 24.2 | 18.9 | 28.3 |

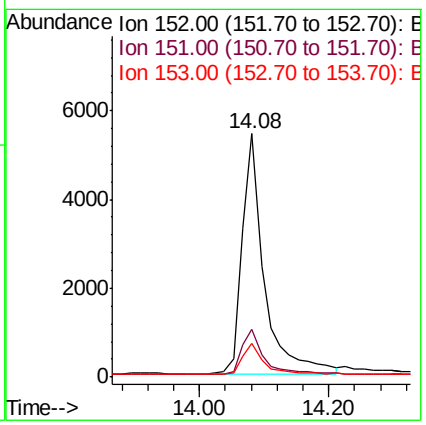


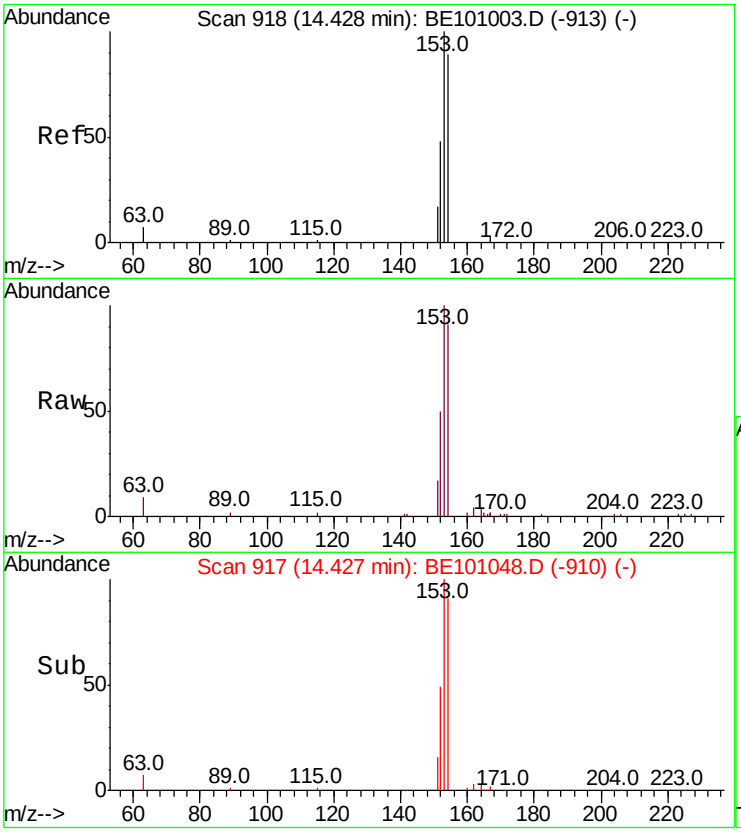




#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:152 Resp: 12783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.5 | 23.3 |
| 153 | 13.1 | 10.4 | 15.6 |



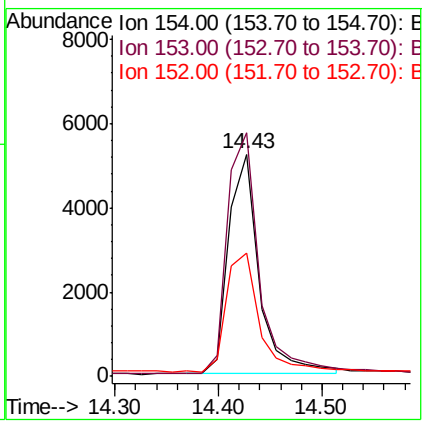


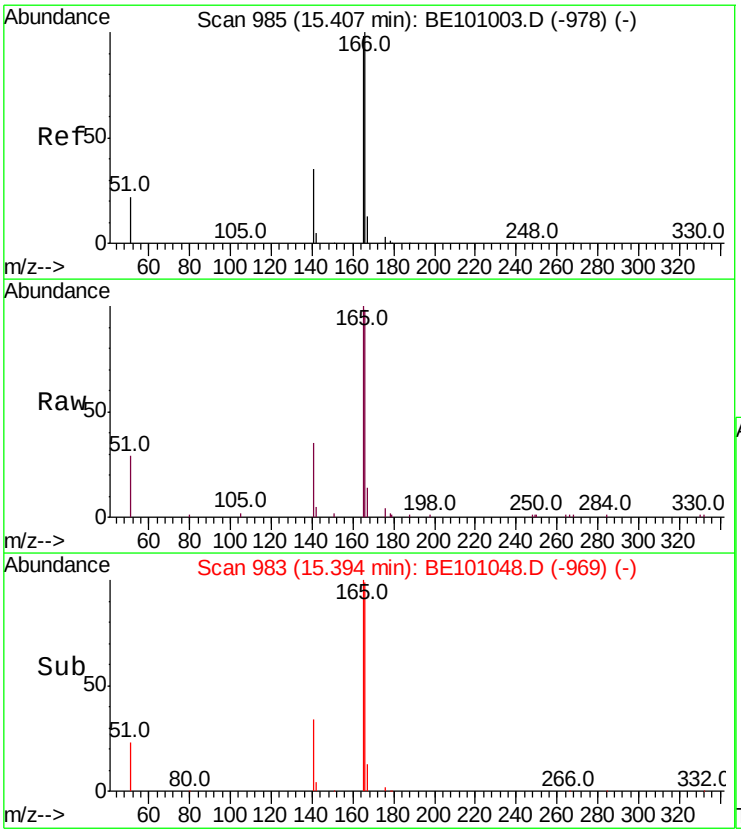

#17
Acenaphthene
Concen: 0.403 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:154 Resp: 10725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.5 | 93.6 | 140.4 |
| 152 | 58.0 | 46.3 | 69.5 |

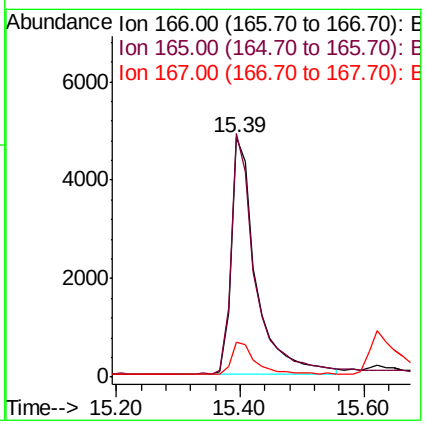


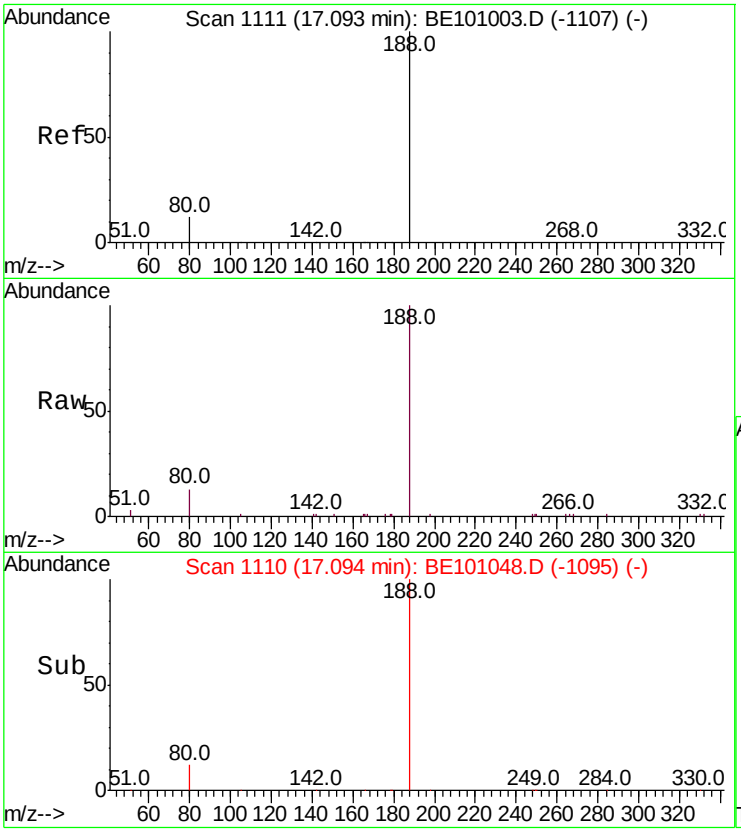




#18
Fluorene
Concen: 0.394 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:166 Resp: 13244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.0 | 79.8 | 119.8 |
| 167 | 13.5 | 11.0 | 16.6 |



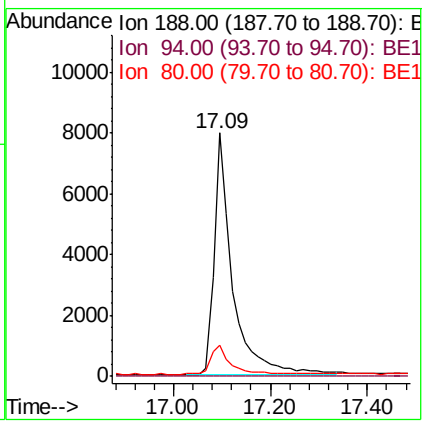


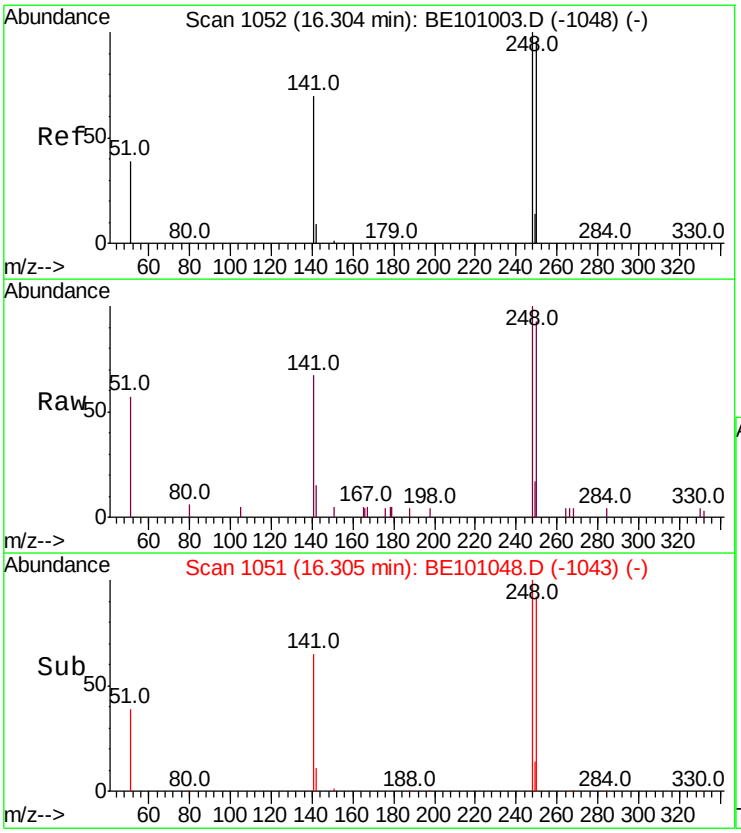

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:188 Resp: 20845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.7 | 10.8 | 16.2 |

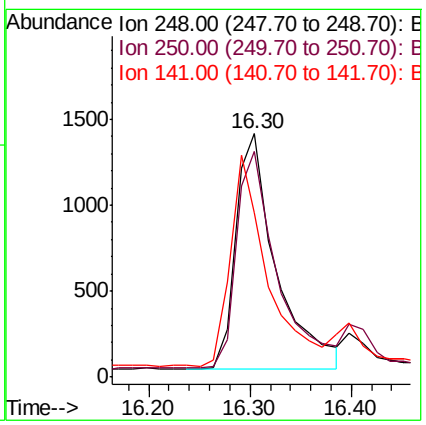


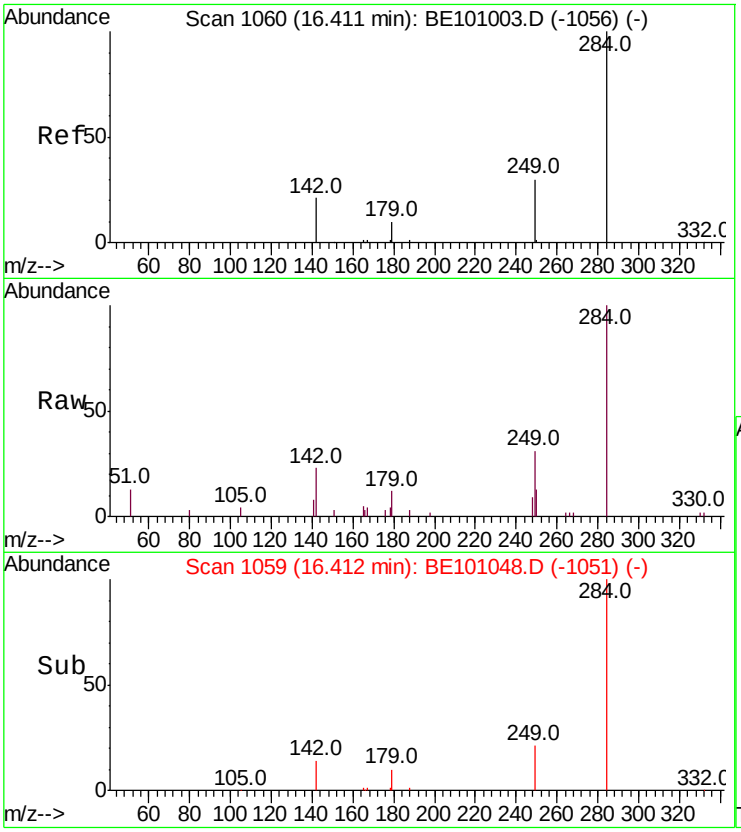




#20
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:248 Resp: 3798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 92.5 | 76.6 | 115.0 |
| 141 | 67.4 | 57.7 | 86.5 |



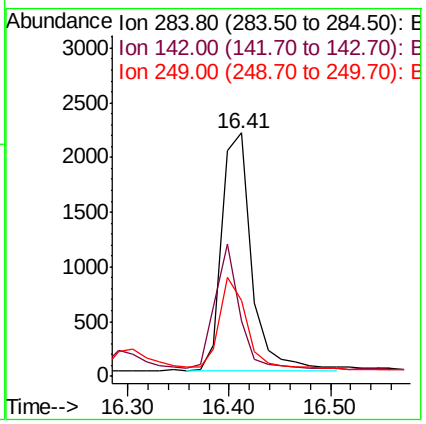


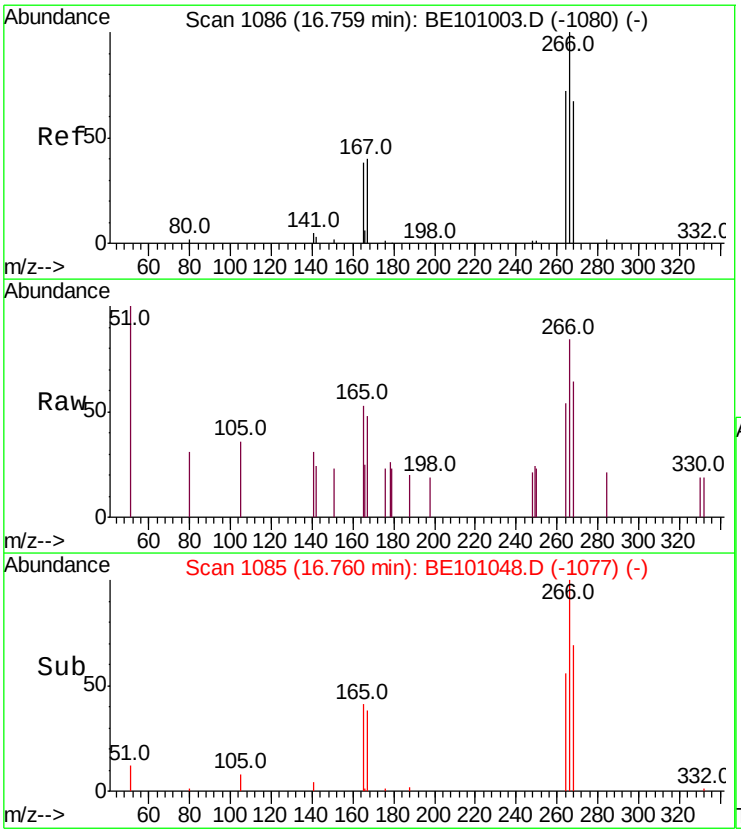

#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:284 Resp: 4406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.9 | 34.0 | 51.0 |
| 249 | 34.5 | 28.2 | 42.4 |

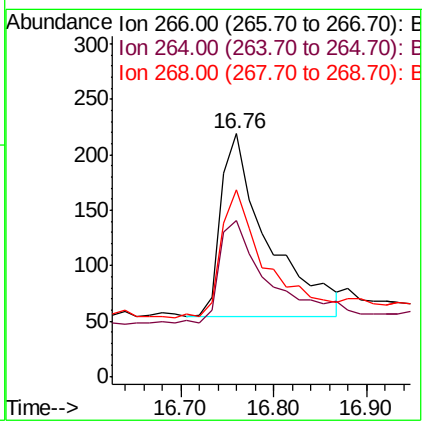


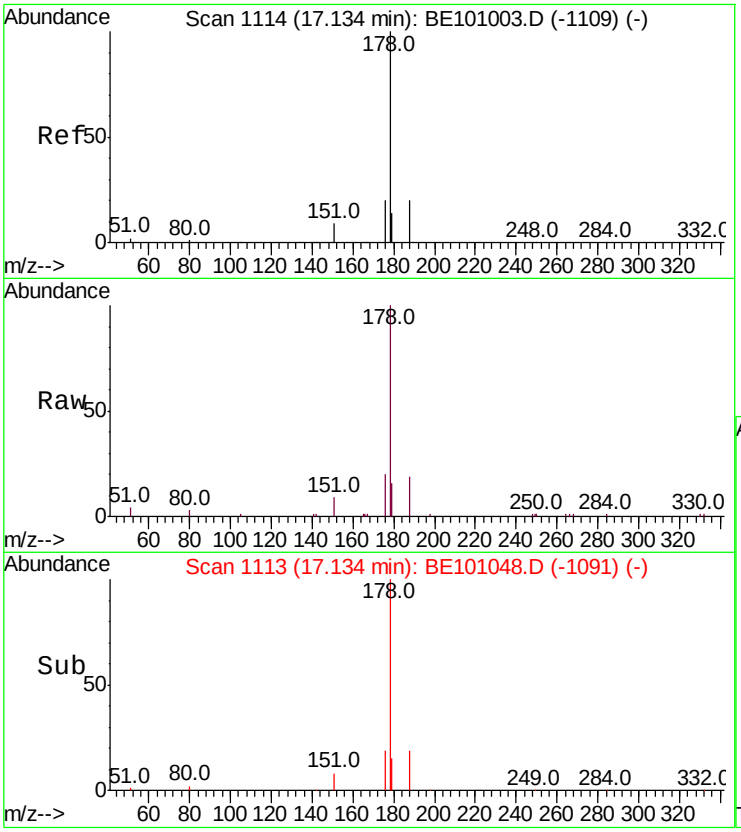




#22
Pentachlorophenol
Concen: 0.398 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:266 Resp: 579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.4 | 61.0 | 91.4 |
| 268 | 76.7 | 58.5 | 87.7 |



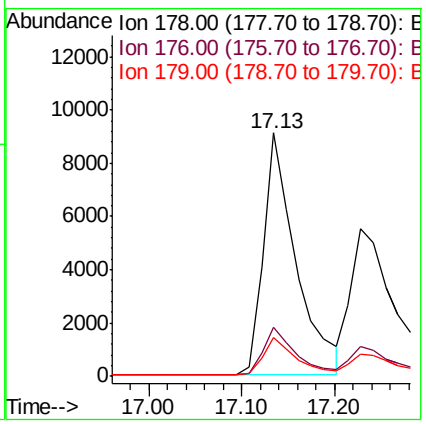


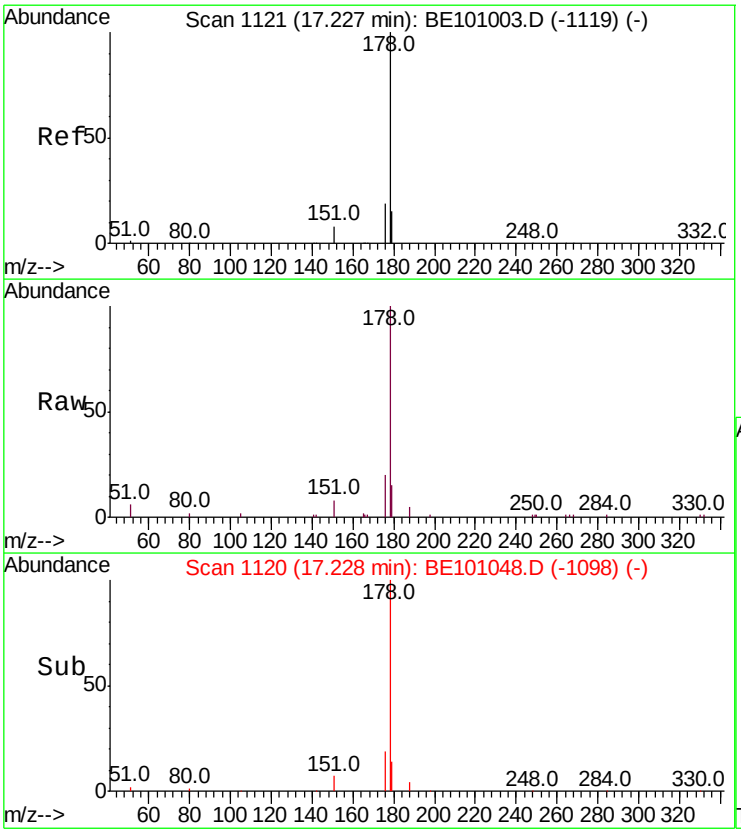

#23
Phenanthrene
Concen: 0.389 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:178 Resp: 22169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.7 | 23.5 |
| 179 | 15.5 | 12.0 | 18.0 |

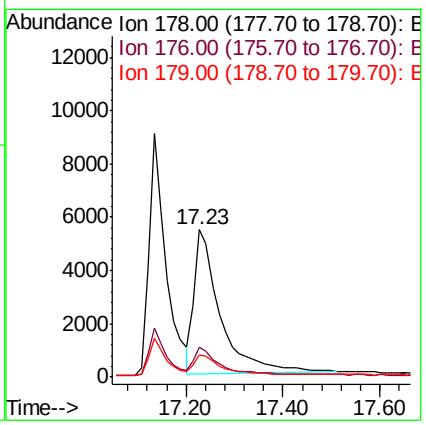


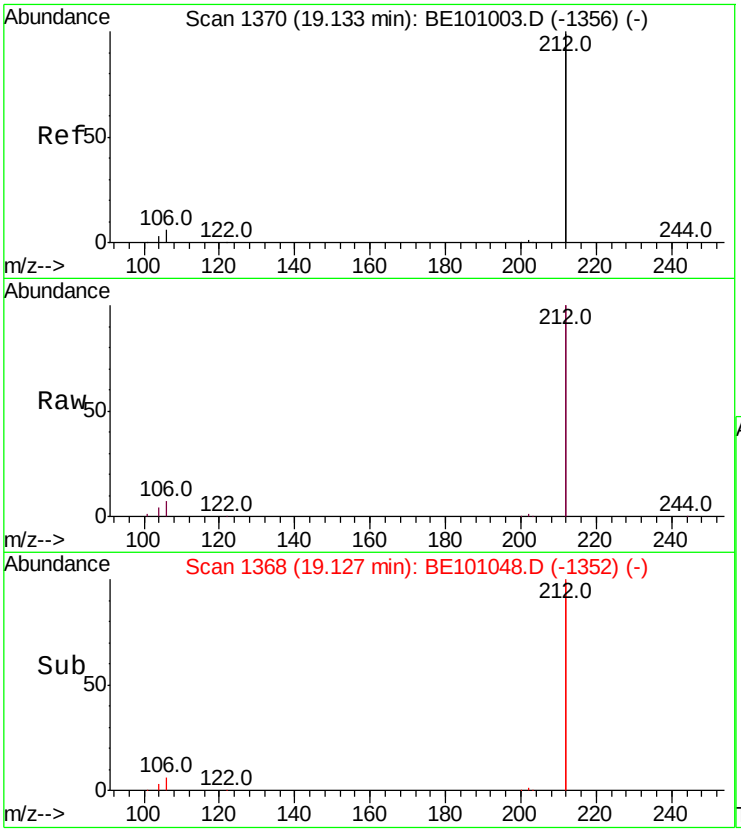




#24
Anthracene
Concen: 0.369 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:178 Resp: 19836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.8 | 22.2 |
| 179 | 14.9 | 12.4 | 18.6 |



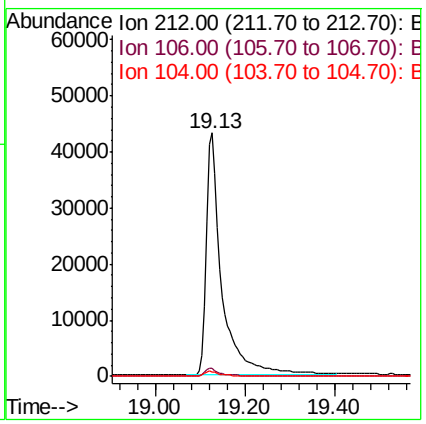


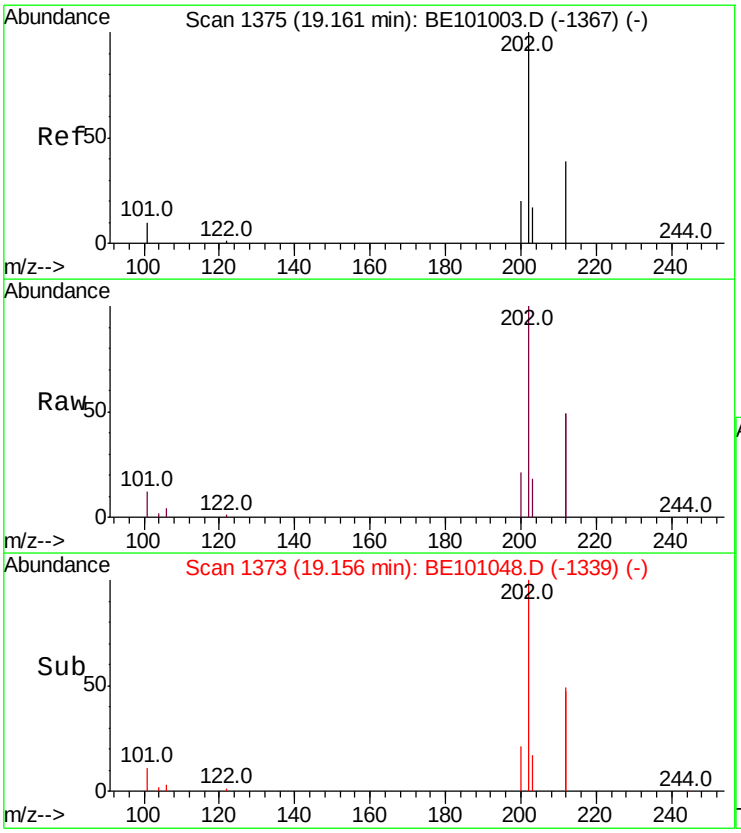

#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:212 Resp: 105875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.2 | 2.6 | 3.8 |
| 104 | 1.8 | 1.4 | 2.0 |

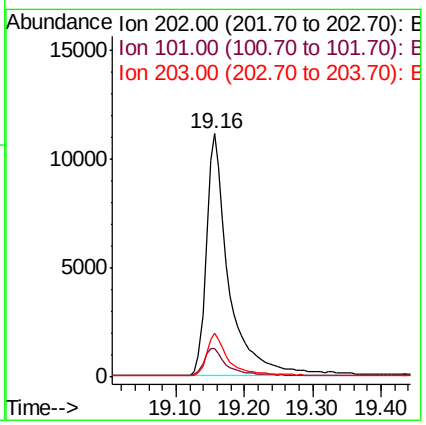


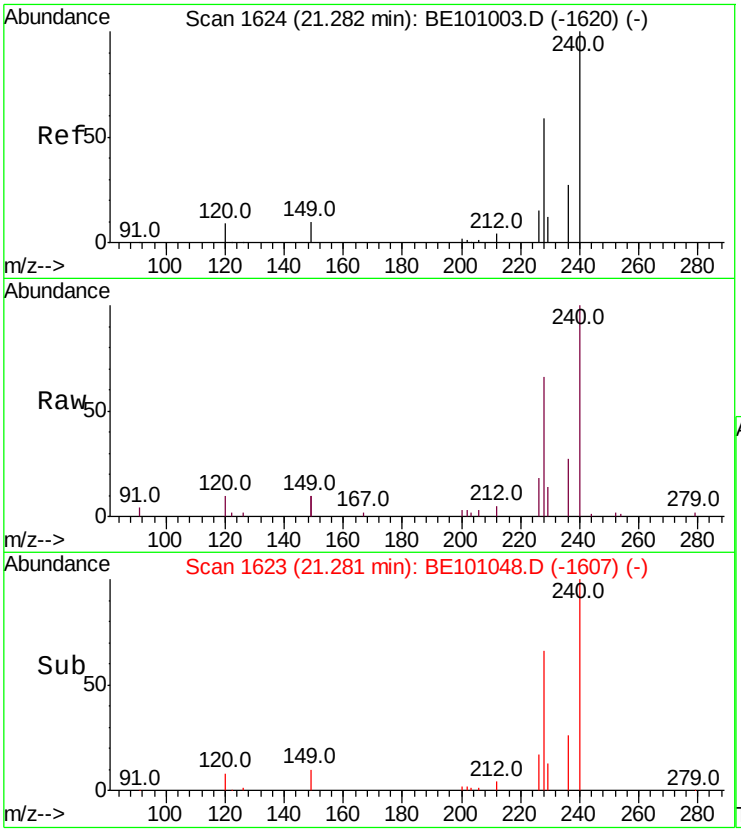




#26
Fluoranthene
Concen: 0.361 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:202 Resp: 25731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 9.6 | 14.4 |
| 203 | 16.9 | 13.8 | 20.6 |



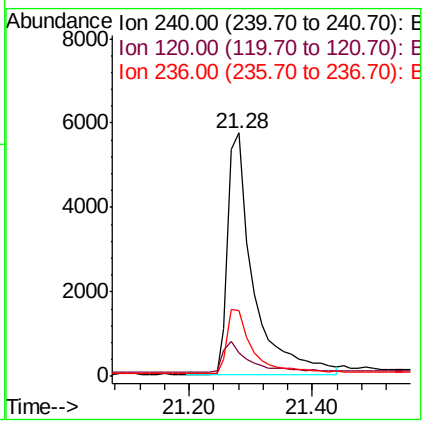


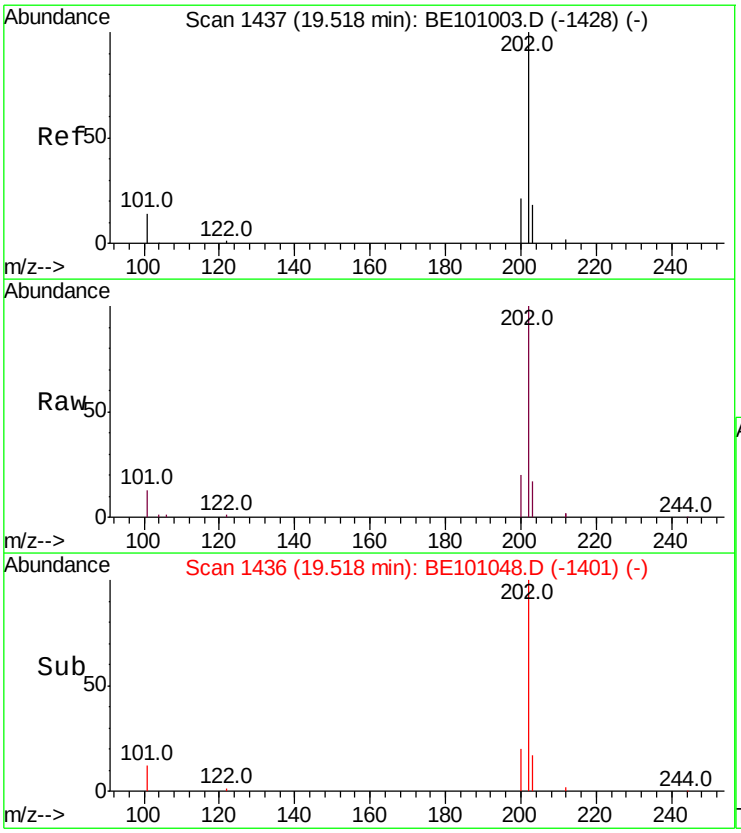

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:240 Resp: 16250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 8.6 | 13.0 |
| 236 | 26.9 | 22.2 | 33.4 |

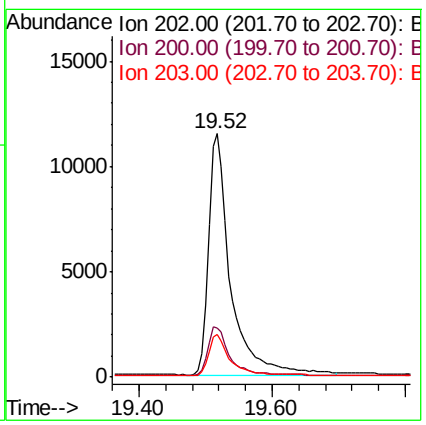


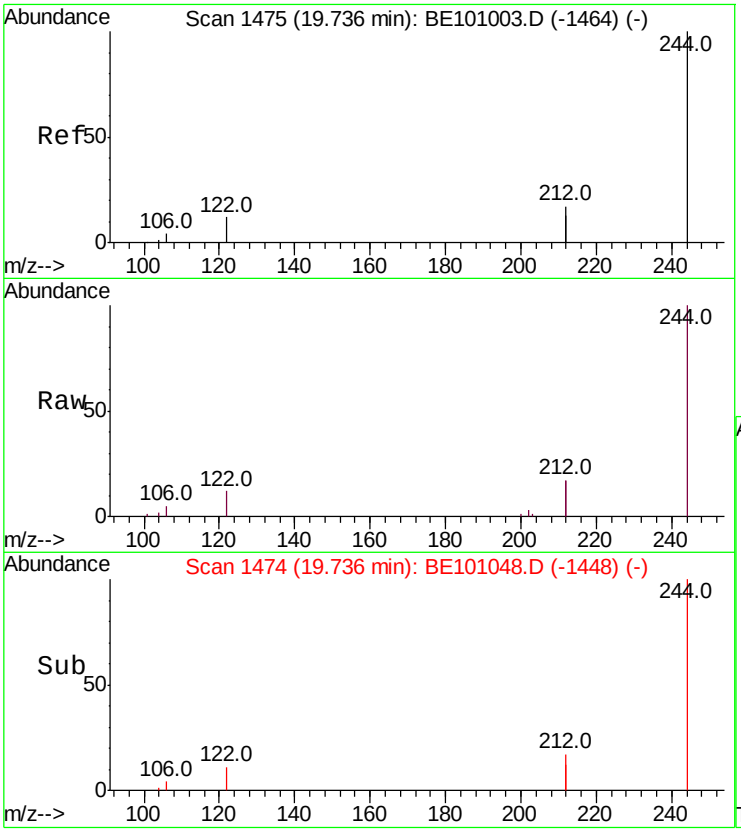




#28
Pyrene
Concen: 0.429 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:202 Resp: 25964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 17.0 | 25.4 |
| 203 | 16.9 | 13.8 | 20.6 |



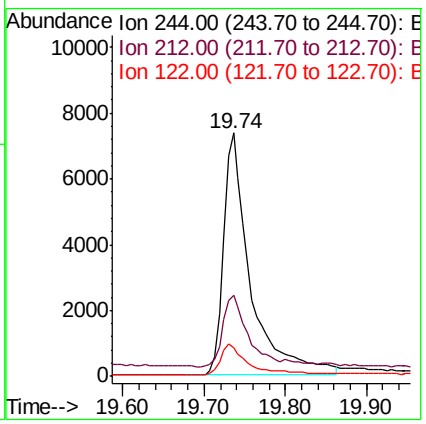


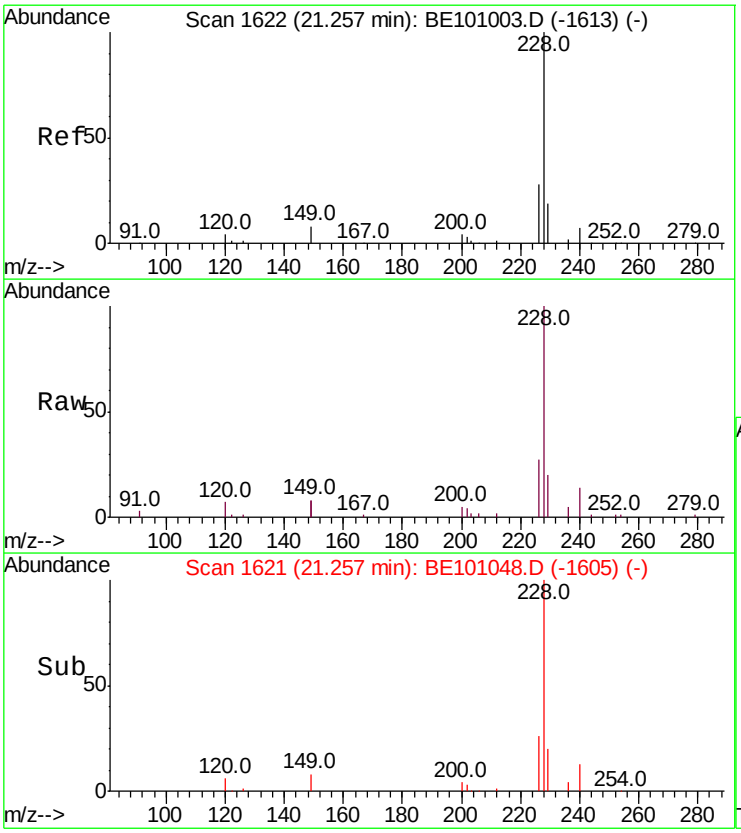

#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.74 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:244 Resp: 16774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.3 | 27.2 | 40.8 |
| 122 | 11.8 | 9.8 | 14.8 |

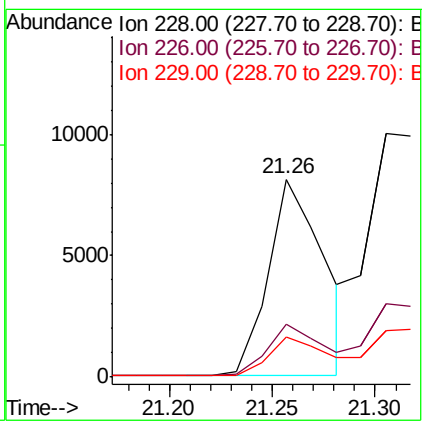


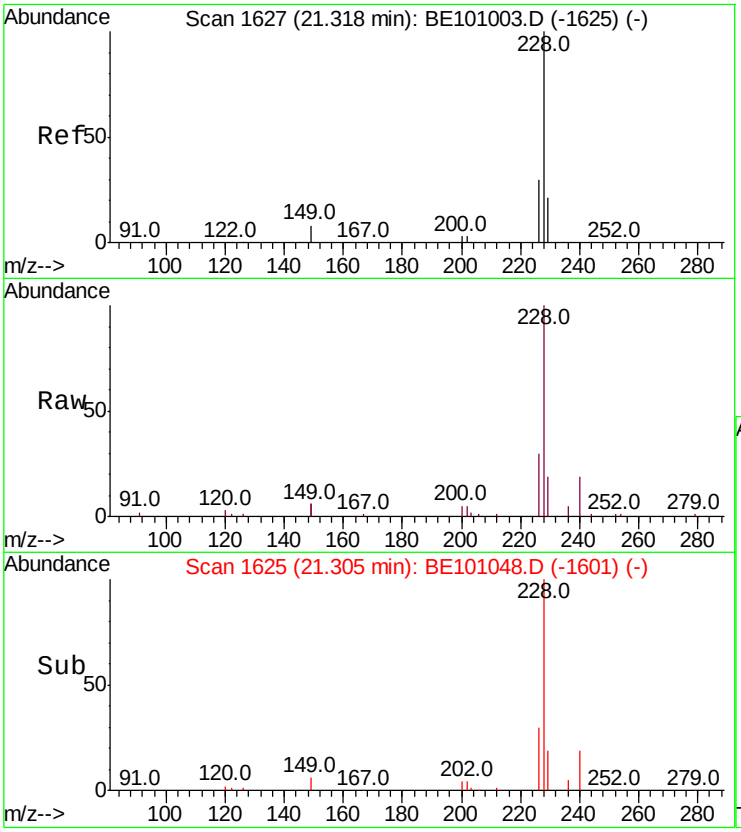




#30
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:228 Resp: 15282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 22.7 | 34.1 |
| 229 | 20.3 | 15.5 | 23.3 |



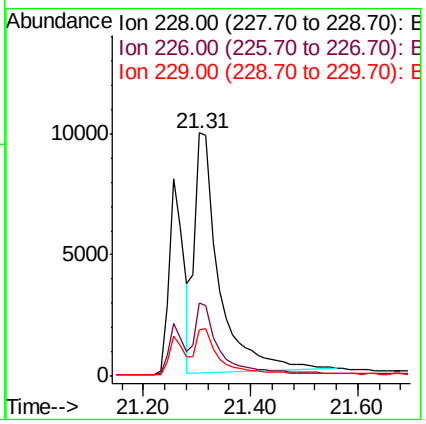


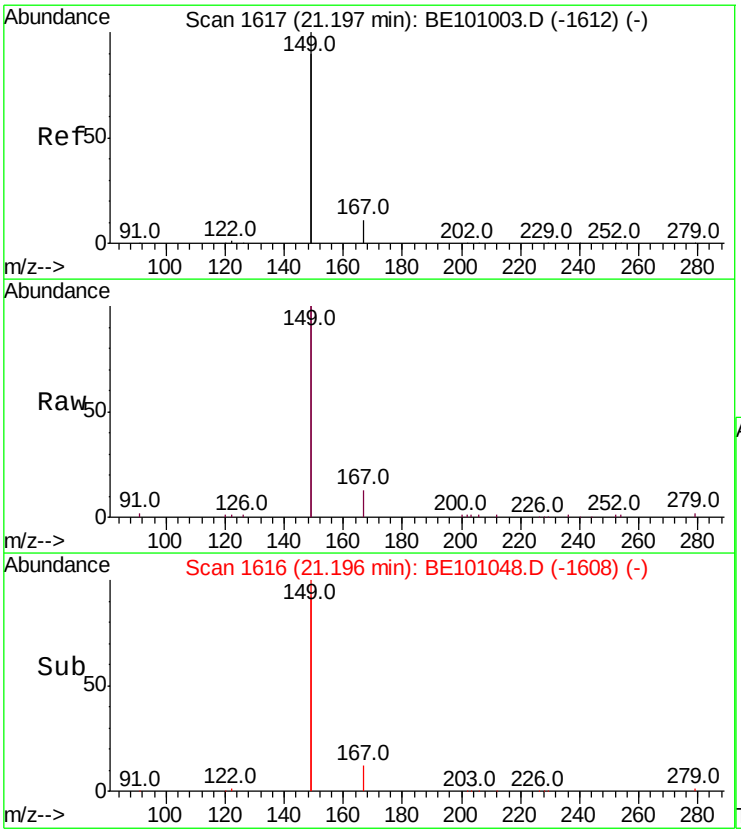

#31
Chrysene
Concen: 0.451 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:228 Resp: 31102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.5 | 35.3 |
| 229 | 19.1 | 16.7 | 25.1 |

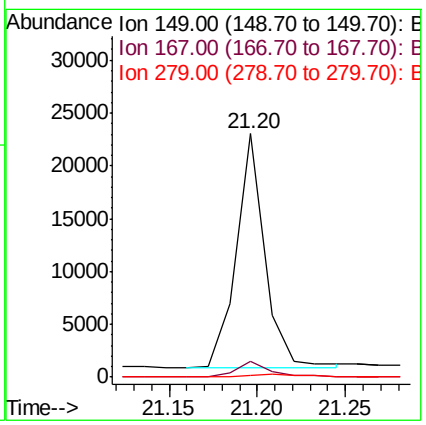


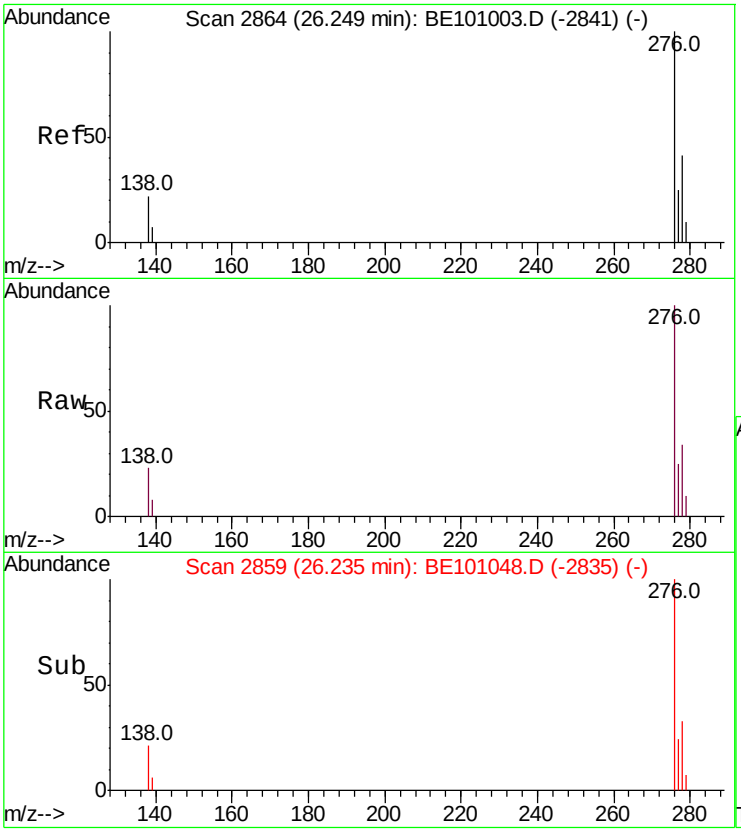




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.325 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:149 Resp: 25091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.3 | 5.2 | 7.8 |
| 279 | 0.9 | 0.8 | 1.2 |



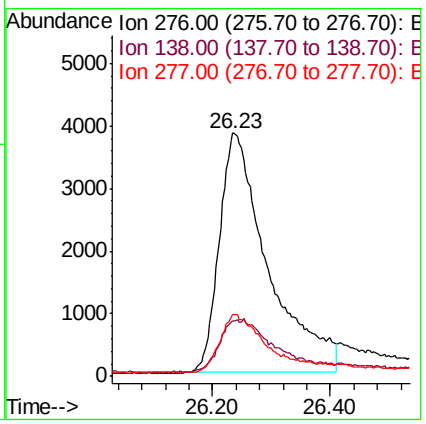


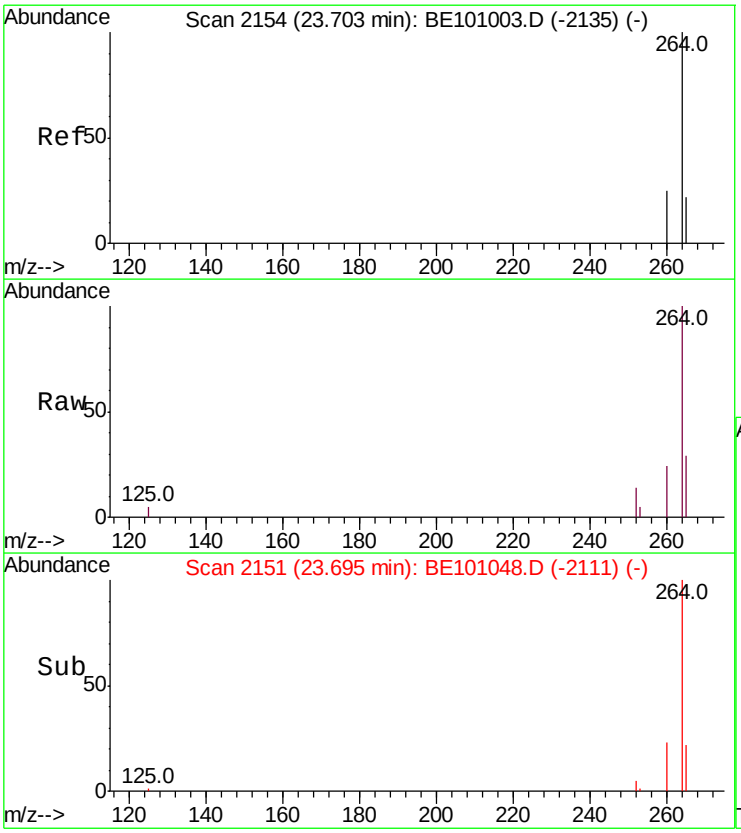

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:276 Resp: 22055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.6 | 16.1 | 24.1# |
| 277 | 23.6 | 18.1 | 27.1 |

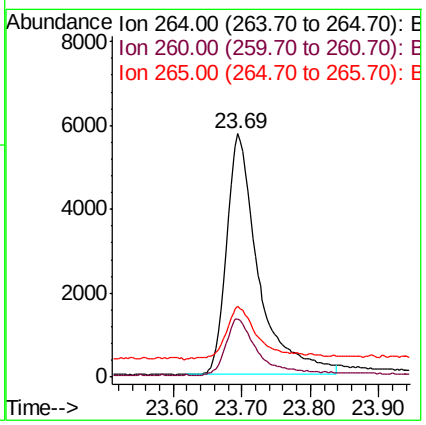


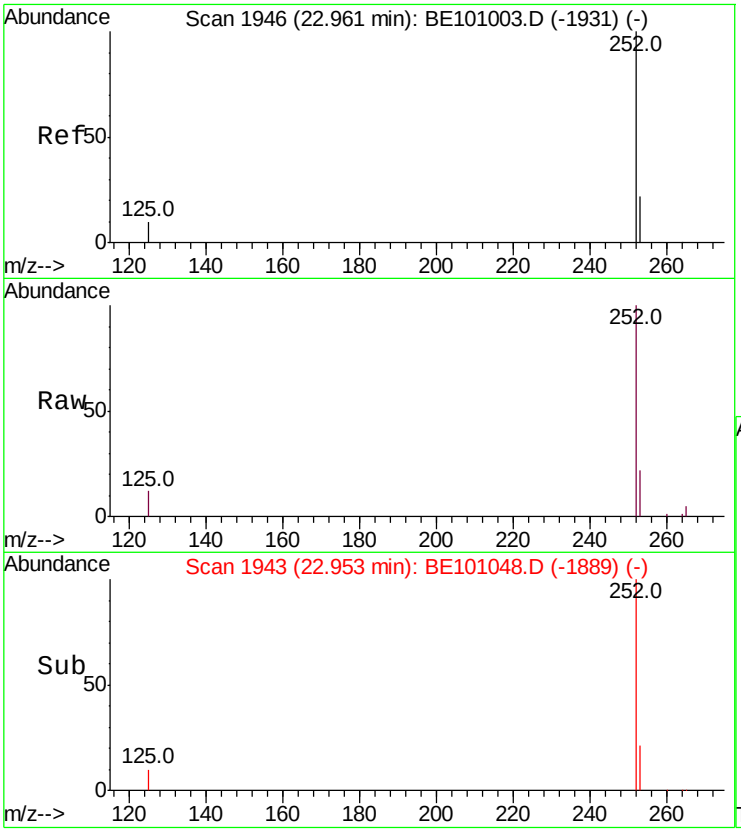




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:264 Resp: 18628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 20.3 | 30.5 |
| 265 | 29.3 | 27.0 | 40.4 |



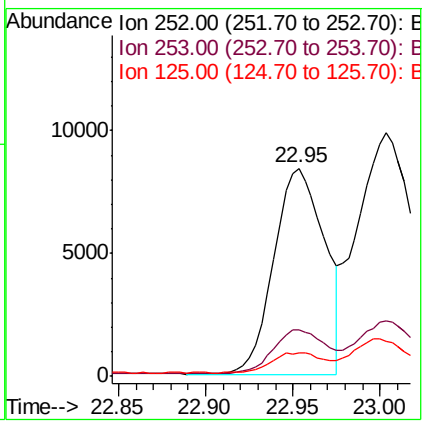


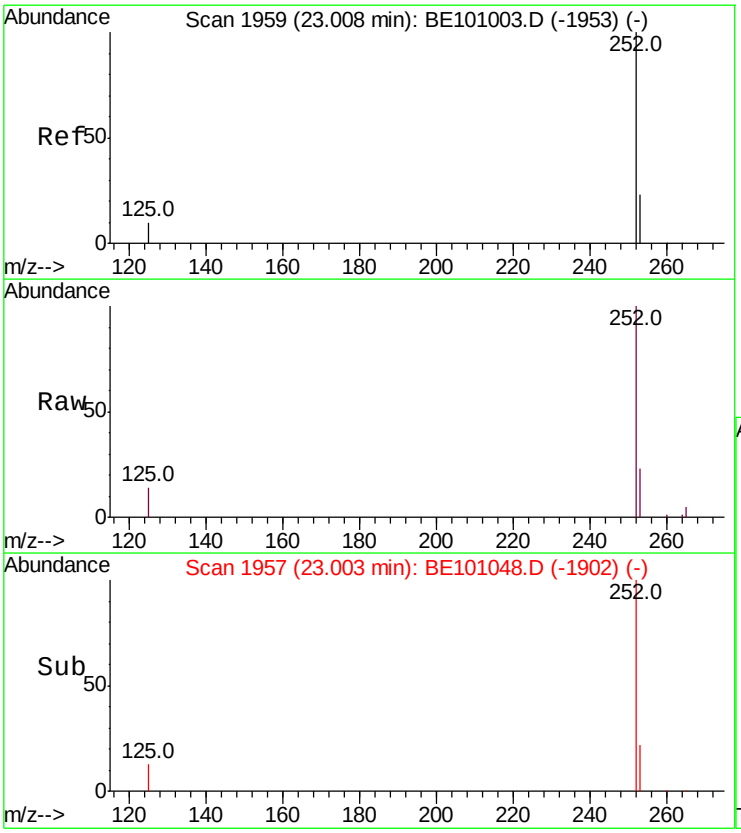

#35
Benzo(b)fluoranthene
Concen: 0.323 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:252 Resp: 16889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.5 | 27.7 |
| 125 | 11.5 | 9.5 | 14.3 |

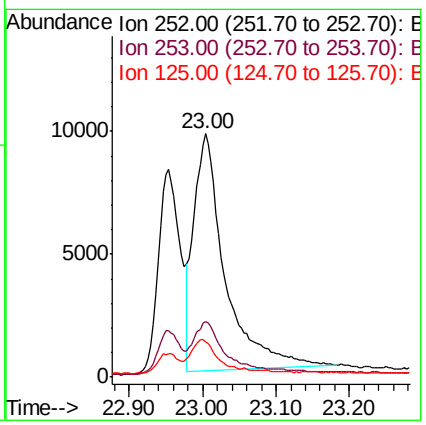


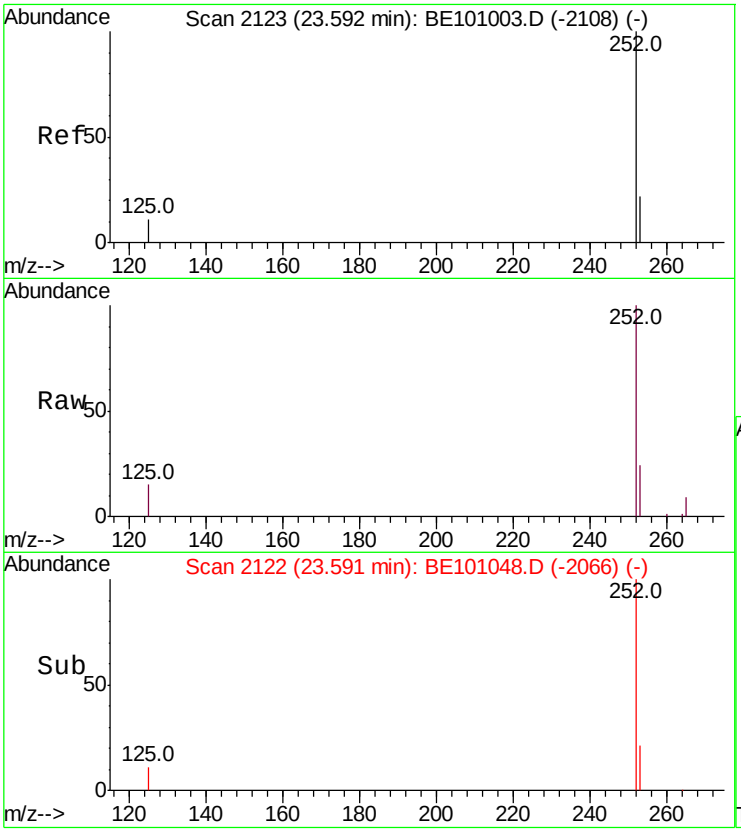




#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:252 Resp: 28339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.9 | 28.3 |
| 125 | 14.5 | 10.1 | 15.1 |



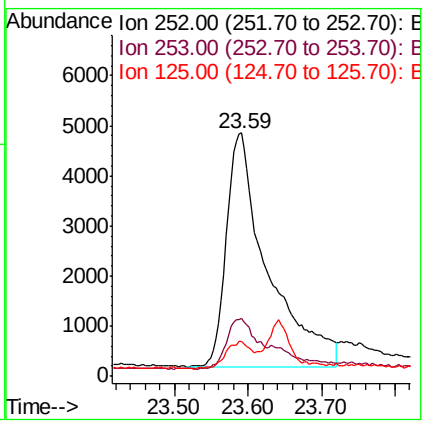


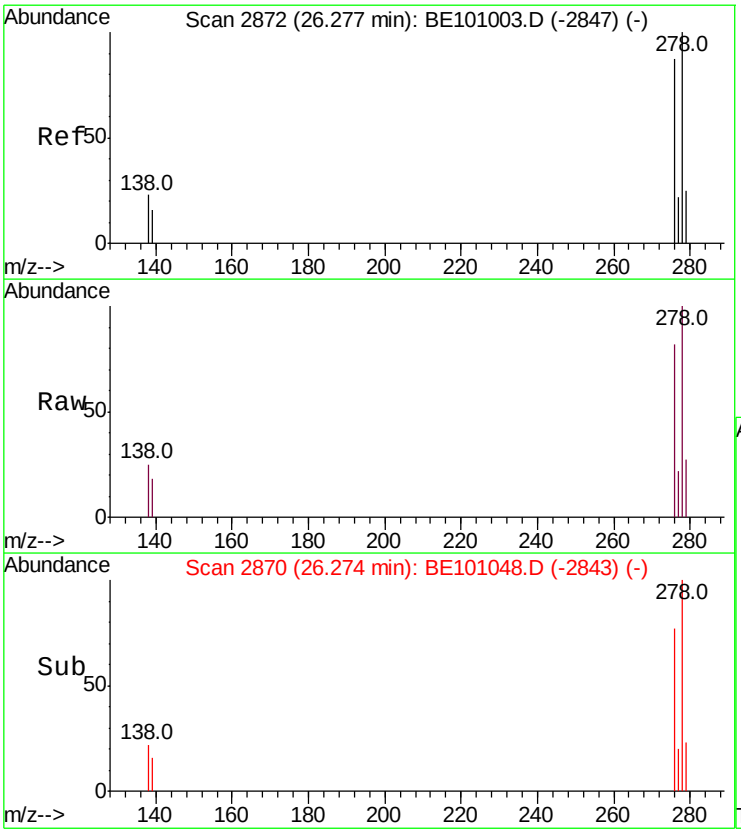

#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.59 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:252 Resp: 18301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 19.4 | 29.2 |
| 125 | 14.5 | 11.8 | 17.6 |

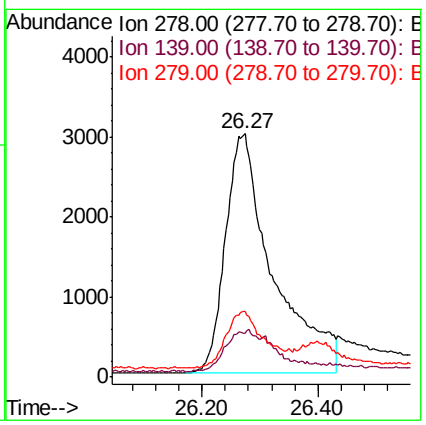


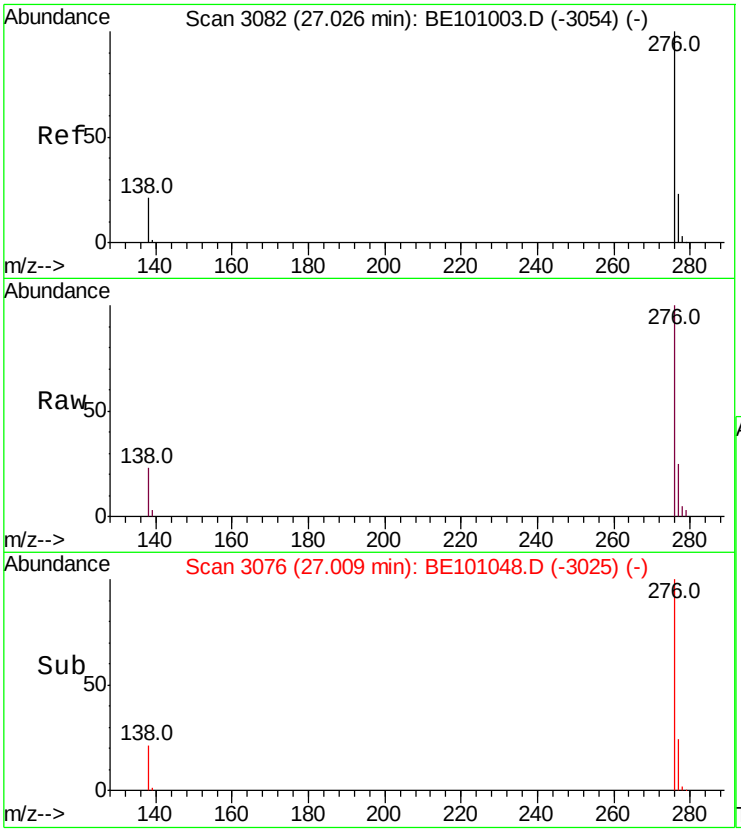




#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.27 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

Tgt Ion:278 Resp: 16868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.1 | 15.0 | 22.4 |
| 279 | 26.9 | 22.6 | 33.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.02 min
Lab File: BE101048.D
Acq: 14 Jan 2020 11:56

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

Tgt Ion:276 Resp: 21423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 19.4 | 29.2 |
| 138 | 22.6 | 17.9 | 26.9 |