Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100111.D
Acq On : 20 Jun 2019 17:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
6/21/2019 8:16:38 AM

Quant Time: Jun 21 02:06:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 430 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.54 | 136 | 1652 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.41 | 164 | 1423 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.16 | 188 | 4761 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.34 | 240 | 7273 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.84 | 264 | 8452 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.29 | 112 | 436 | 0.49 | ng | | -0.01 |
| 5) Phenol-d6 | 6.92 | 99 | 518 | 0.42 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.91 | 82 | 592 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.15 | 152 | 1266 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.92 | 330 | 346 | 0.44 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.05 | 172 | 2205 | 0.39 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.20 | 212 | 28051 | 0.41 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.80 | 244 | 6028 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 313 | 0.454 | ng | | 88 |
| 3) n-Nitrosodimethylamine | 3.58 | 42 | 79 | 0.516 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.17 | 93 | 515m | 0.441 | ng | | |
| 9) Naphthalene | 10.59 | 128 | 7003 | 0.390 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 693 | 0.393 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.22 | 142 | 1204 | 0.408 | ng | | 96 |
| 16) Acenaphthylene | 14.13 | 152 | 2663 | 0.394 | ng | | 98 |
| 17) Acenaphthene | 14.47 | 154 | 1514 | 0.401 | ng | | 99 |
| 18) Fluorene | 15.46 | 166 | 2306 | 0.410 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.36 | 248 | 1143 | 0.404 | ng | # | 95 |
| 21) Hexachlorobenzene | 16.45 | 284 | 1190 | 0.381 | ng | | 97 |
| 22) Pentachlorophenol | 16.84 | 266 | 291 | 0.529 | ng | | 93 |
| 23) Phenanthrene | 17.20 | 178 | 4481 | 0.393 | ng | | 99 |
| 24) Anthracene | 17.29 | 178 | 3770 | 0.392 | ng | | 98 |
| 26) Fluoranthene | 19.22 | 202 | 7526 | 0.411 | ng | | 99 |
| 28) Pyrene | 19.59 | 202 | 7665 | 0.410 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.33 | 228 | 8639 | 0.399 | ng | | 99 |
| 31) Chrysene | 21.38 | 228 | 10315 | 0.410 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 10439 | 0.511 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.47 | 276 | 11644 | 0.412 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 23.07 | 252 | 9052 | 0.365 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.12 | 252 | 10823 | 0.384 | ng | | 100 |
| 37) Benzo(a)pyrene | 23.72 | 252 | 9042 | 0.378 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.50 | 278 | 9290 | 0.379 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 27.28 | 276 | 9785 | 0.384 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100111.D
Acq On : 20 Jun 2019 17:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

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

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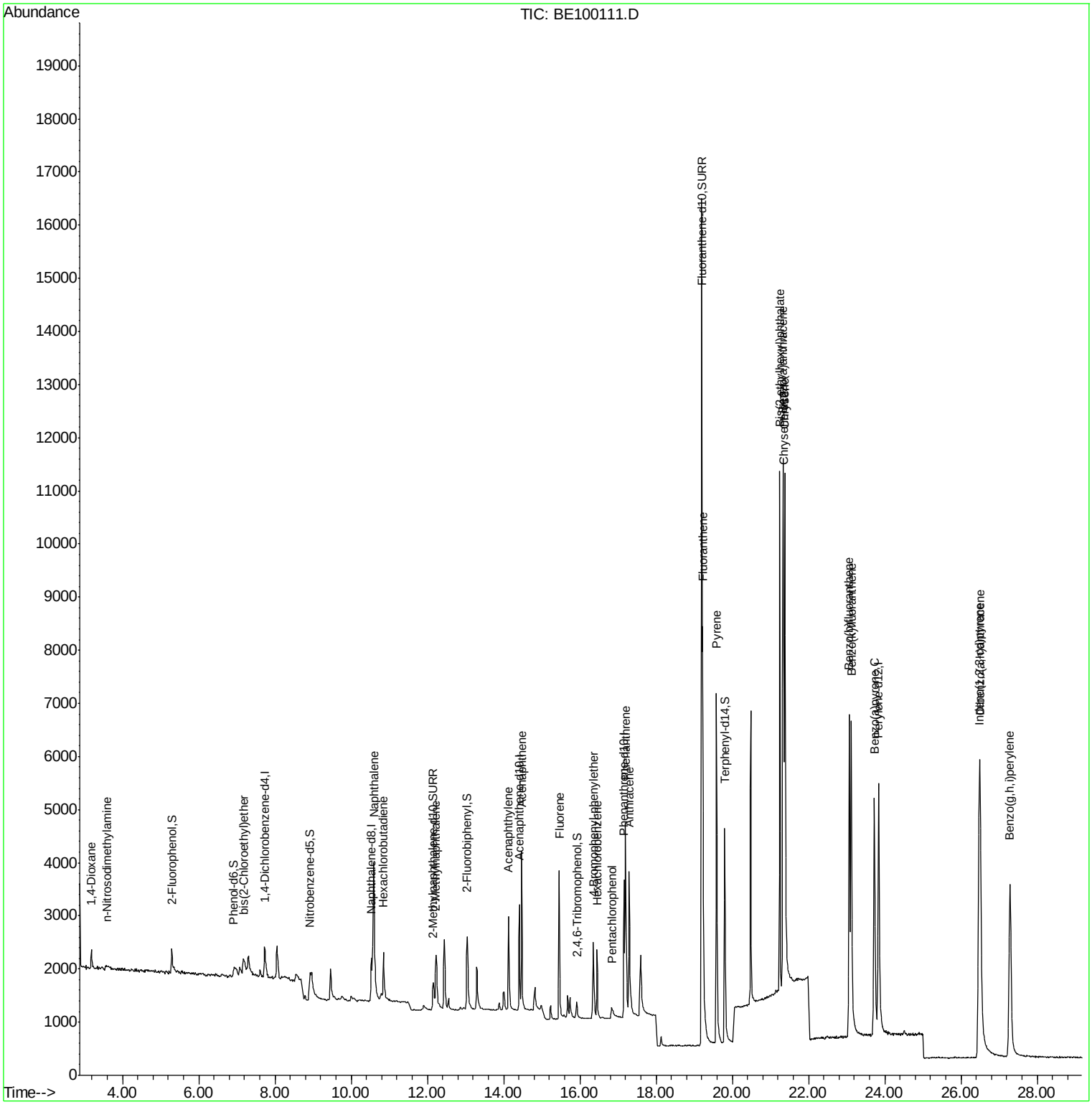
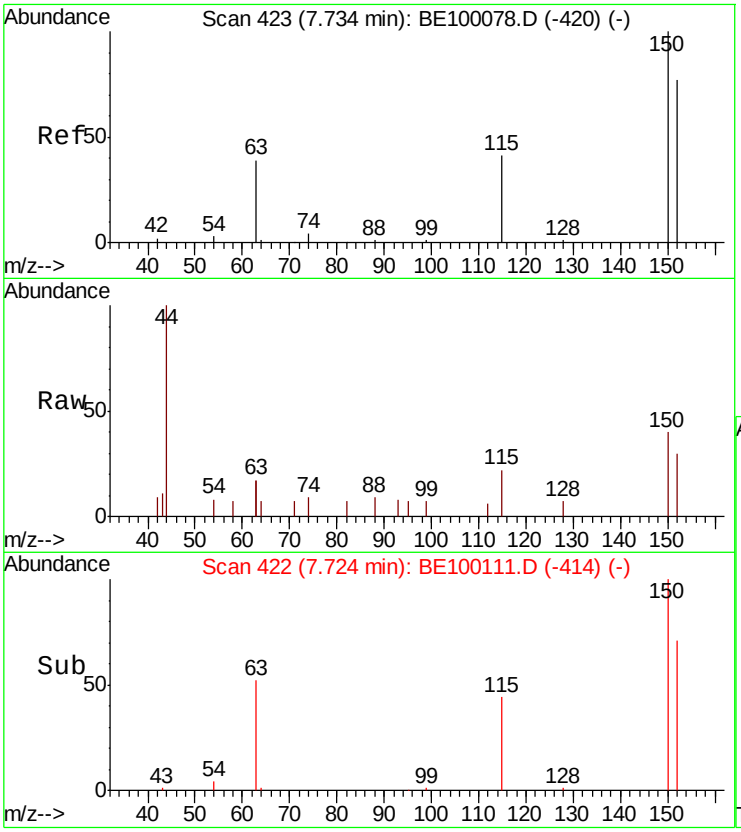
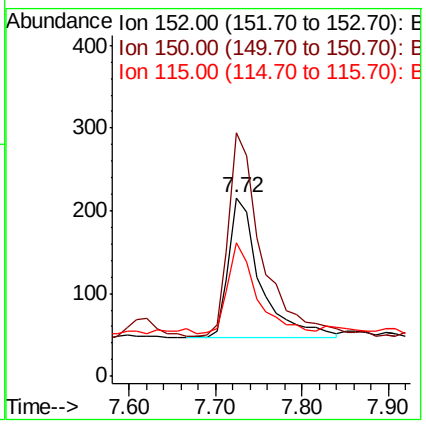





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:152 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 136.1 | 99.8 | 149.8 |
| 115 | 74.5 | 51.3 | 76.9 |




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

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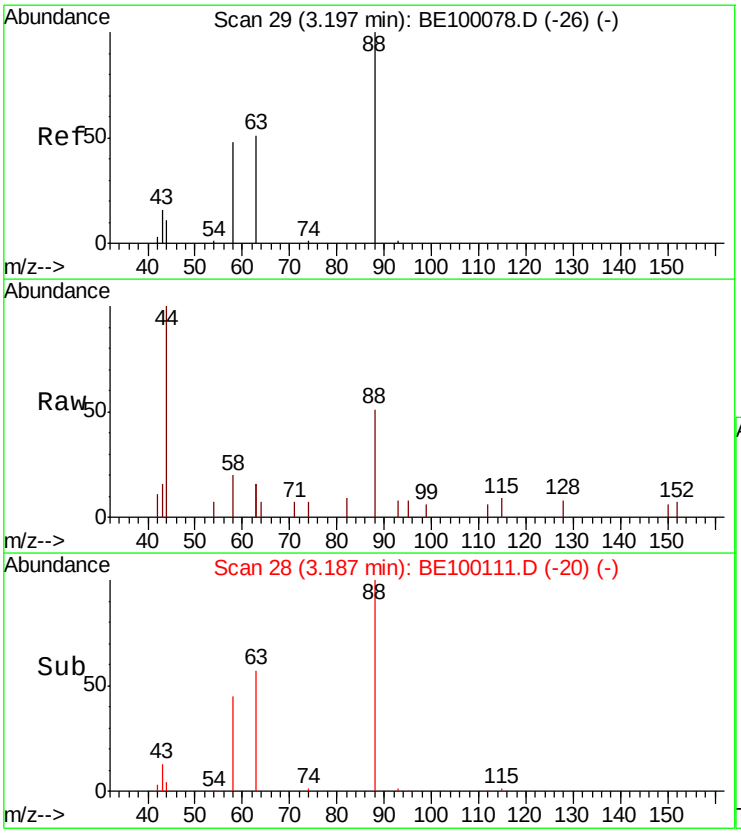
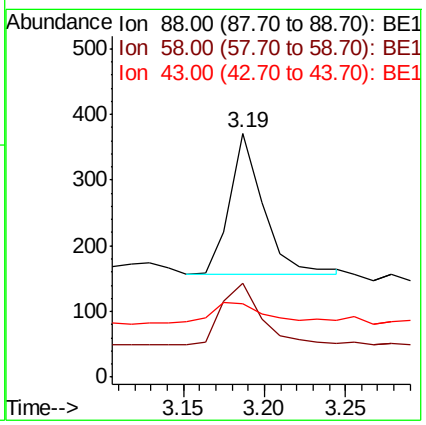
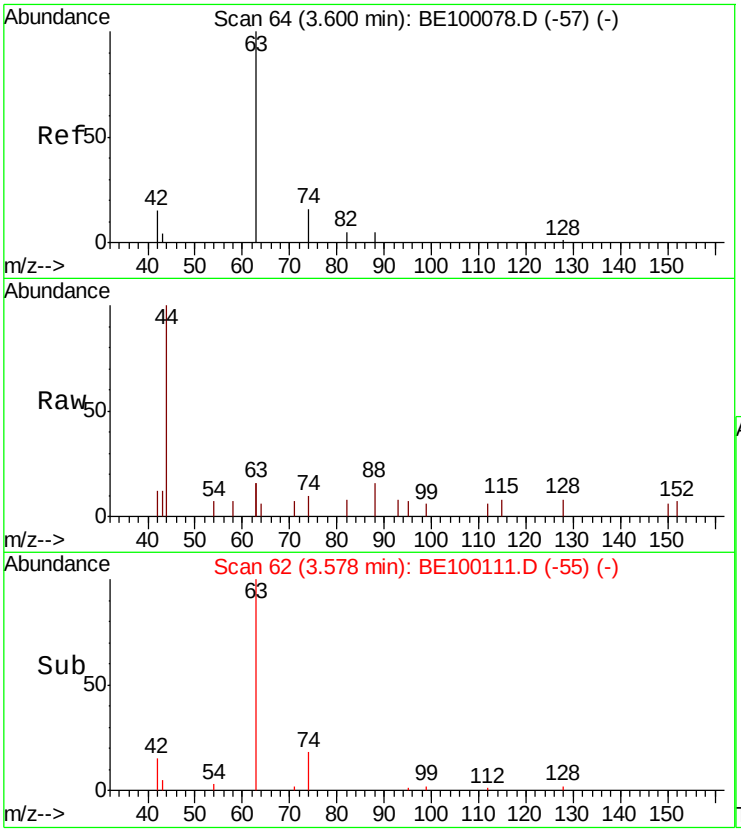



#2
1,4-Dioxane
Concen: 0.454 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 88 Resp: 313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 52.1 | 51.1 | 76.7 |
| 43 | 24.0 | 21.7 | 32.5 |

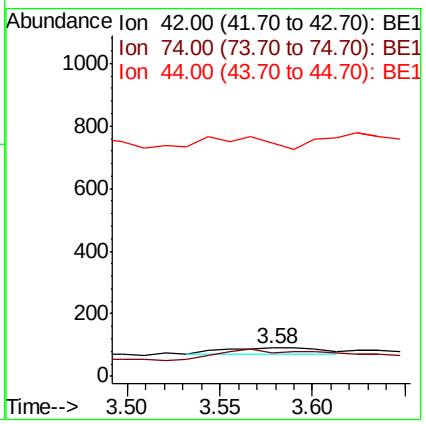





#3
n-Nitrosodimethylamine
Concen: 0.516 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 42 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 226.6 | 0.0 | 0.0# |
| 44 | 0.0 | 0.0 | 0.0 |




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

**Manual Integrations APPROVED**
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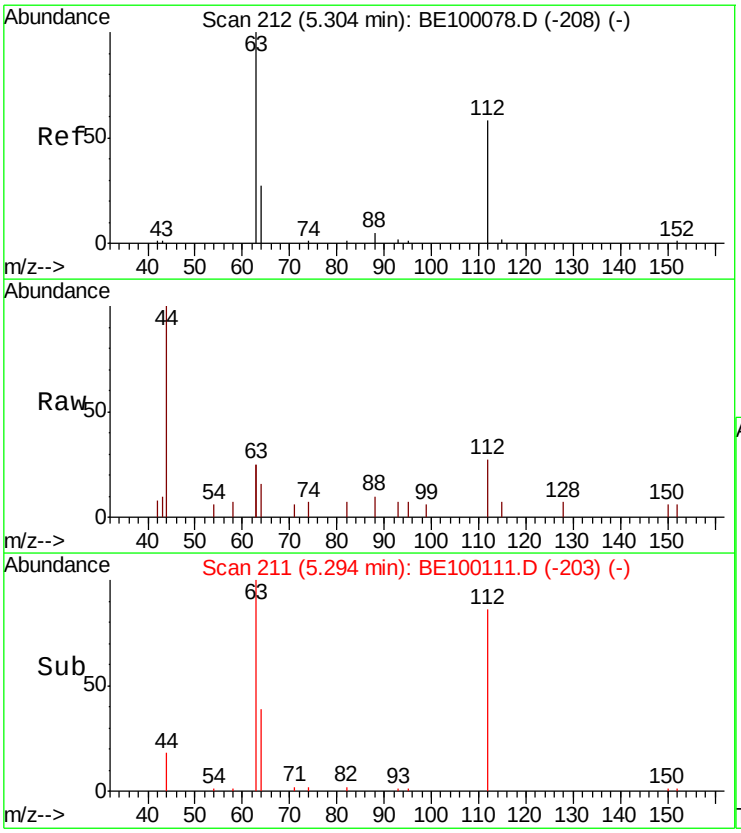
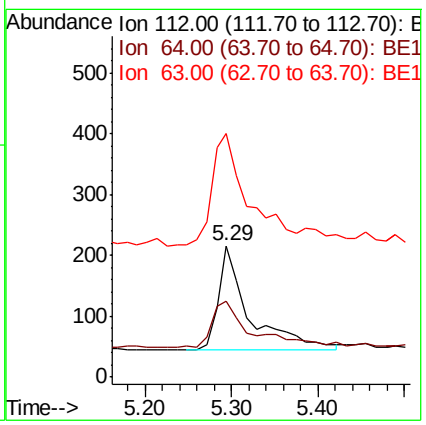
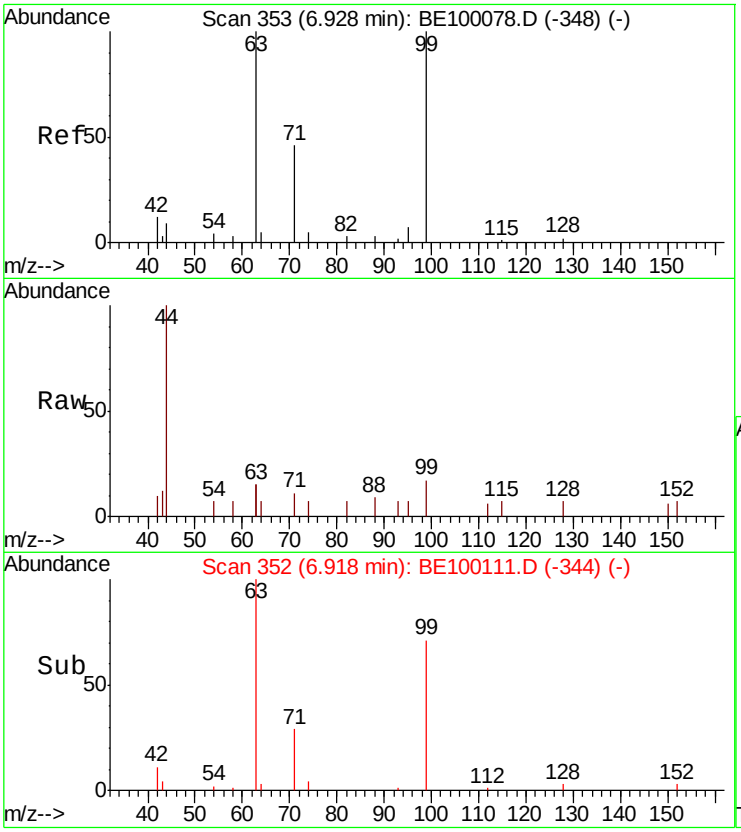



#4
2-Fluorophenol
Concen: 0.489 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:112 Resp: 436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 22.0 | 33.0# |
| 63 | 120.2 | 121.8 | 182.6# |






#5
Phenol-d6
Concen: 0.423 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 99 Resp: 518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.8 | 0.0 | 0.0# |
| 71 | 0.0 | 37.6 | 56.4# |

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

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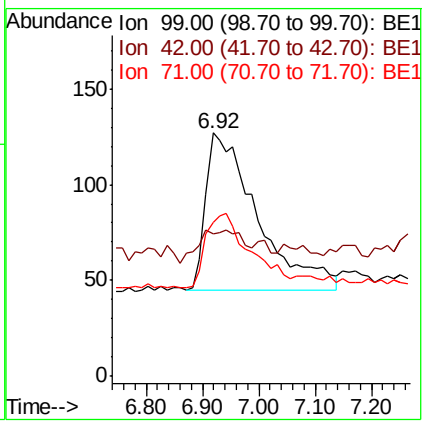
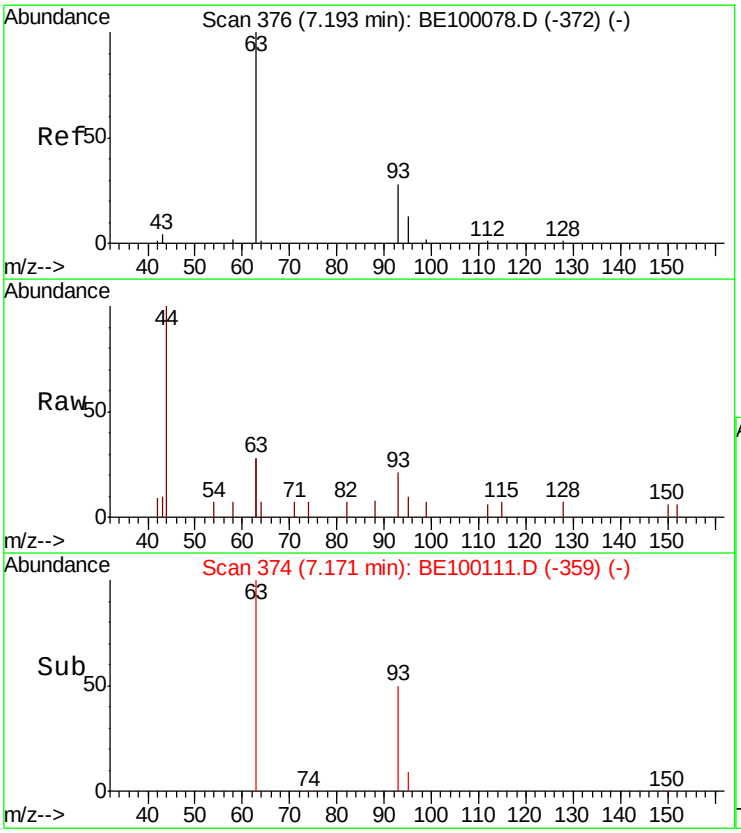
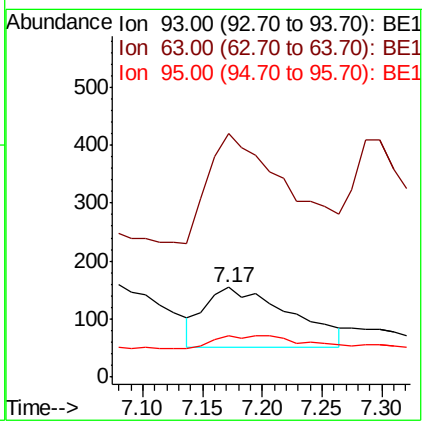


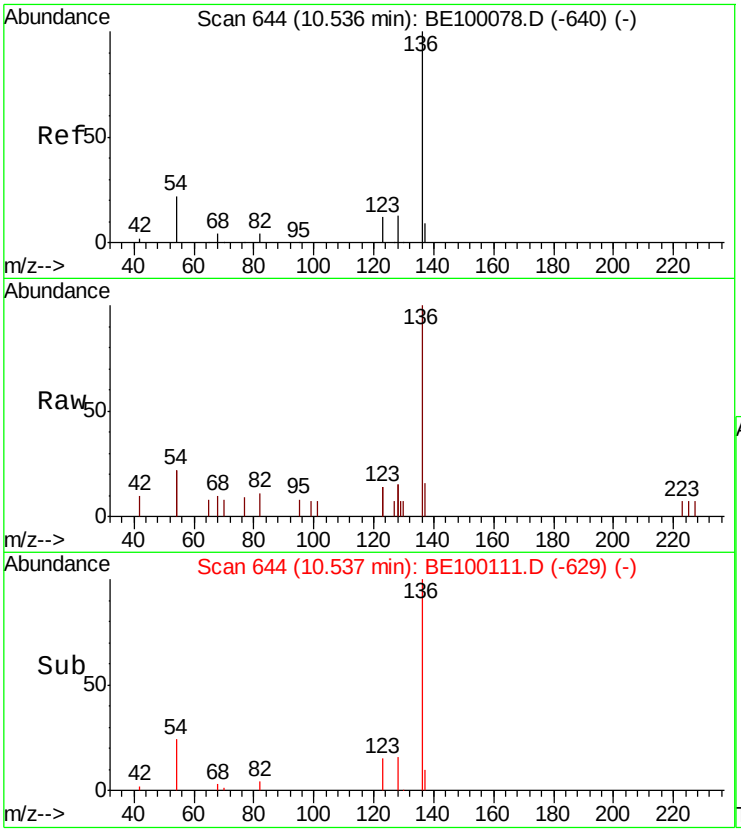




#6
bis(2-Chloroethyl)ether
Concen: 0.441 ng m
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 93 Resp: 515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 162.3 | 200.0 | 300.0# |
| 95 | 21.6 | 24.0 | 36.0# |

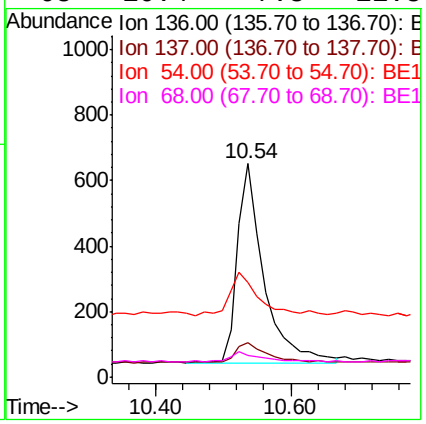





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:136 Resp: 1652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 16.4 | 11.6 | 17.4 |
| 54 | 44.5 | 33.9 | 50.9 |
| 68 | 10.4 | 7.8 | 11.8 |




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

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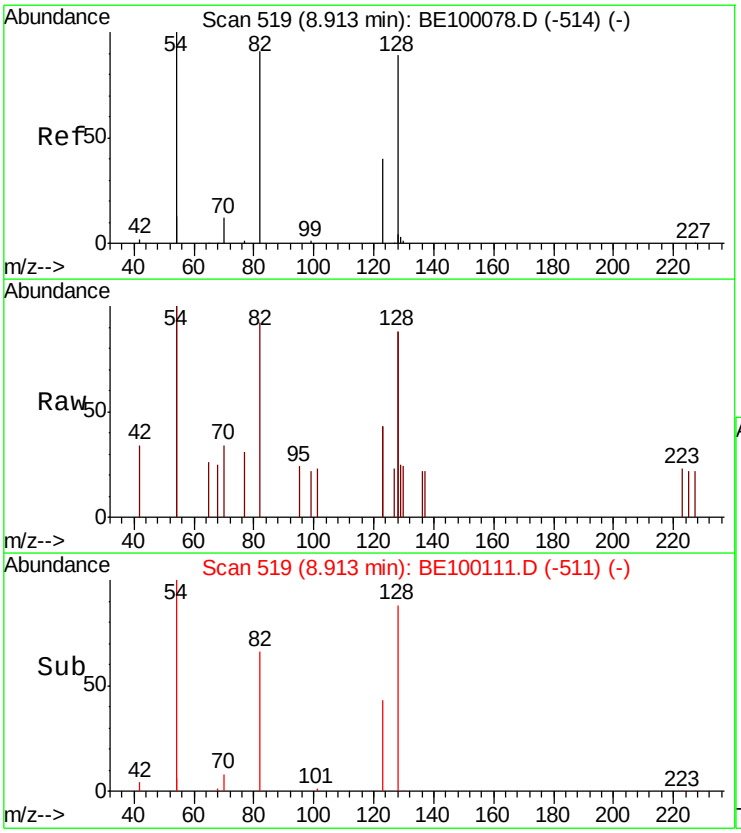
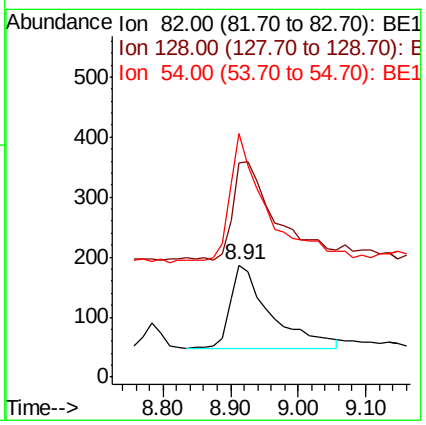
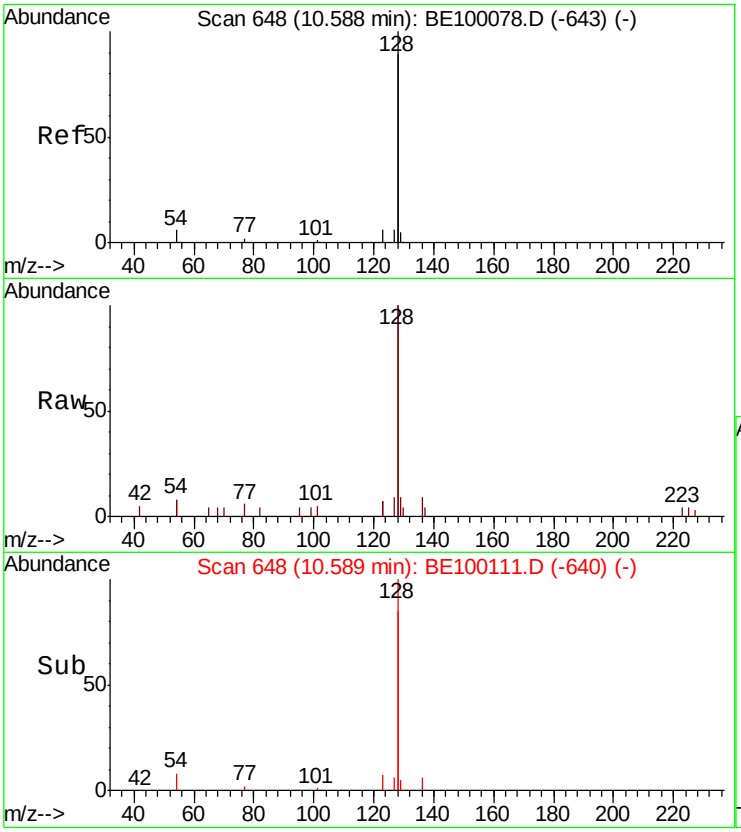



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 82 Resp: 592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 191.4 | 128.0 | 192.0 |
| 54 | 217.1 | 143.4 | 215.0# |

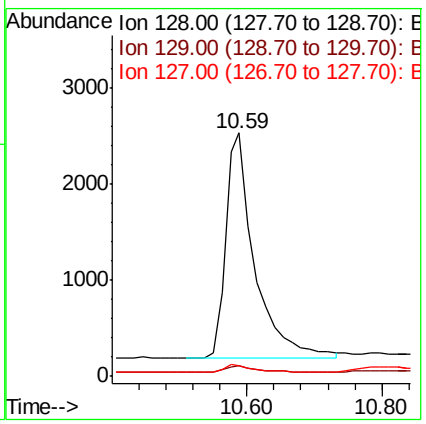





#9
Naphthalene
Concen: 0.390 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:128 Resp: 7003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.4 | 3.1 | 4.7 |
| 127 | 4.6 | 3.4 | 5.2 |




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

**Manual Integrations APPROVED**
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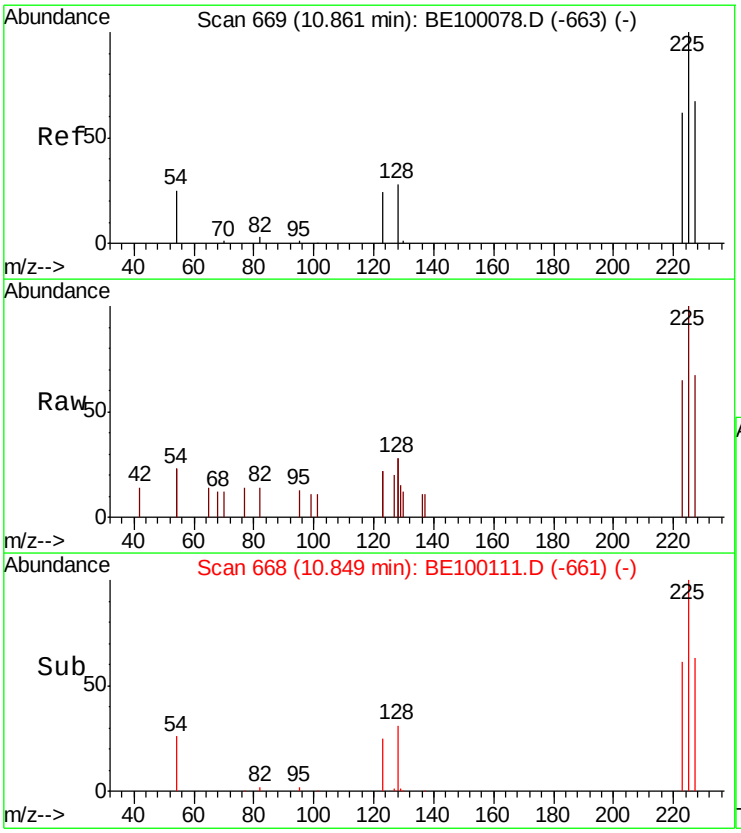
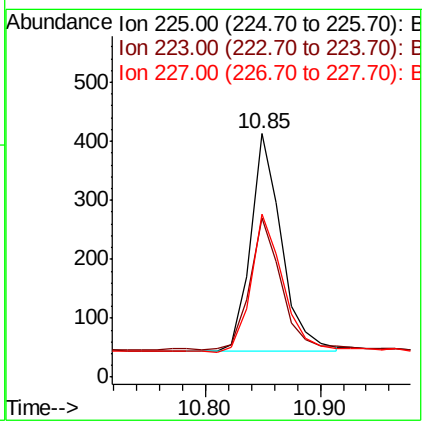
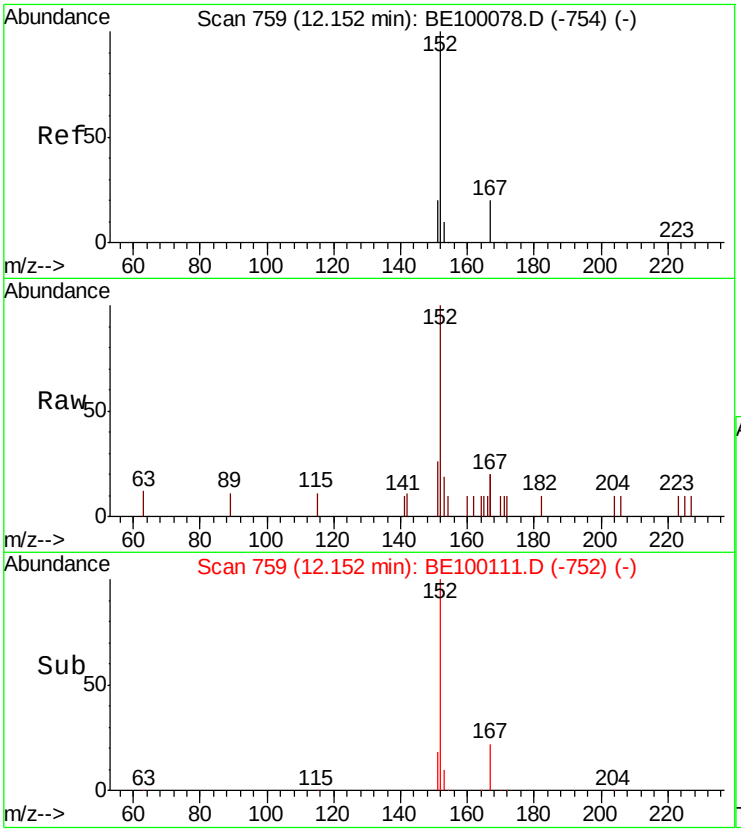



#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:225 Resp: 693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.0 | 52.2 | 78.4 |
| 227 | 64.8 | 53.0 | 79.6 |






#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:152 Resp: 1266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.3 | 24.5 |

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

**Manual Integrations APPROVED**
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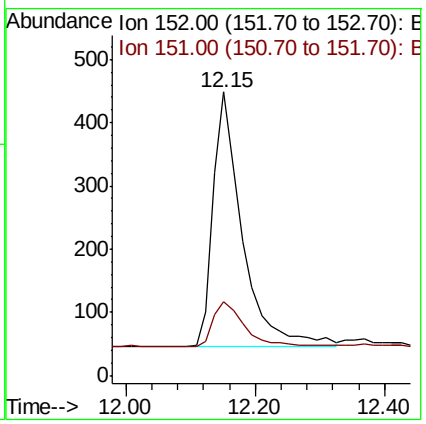
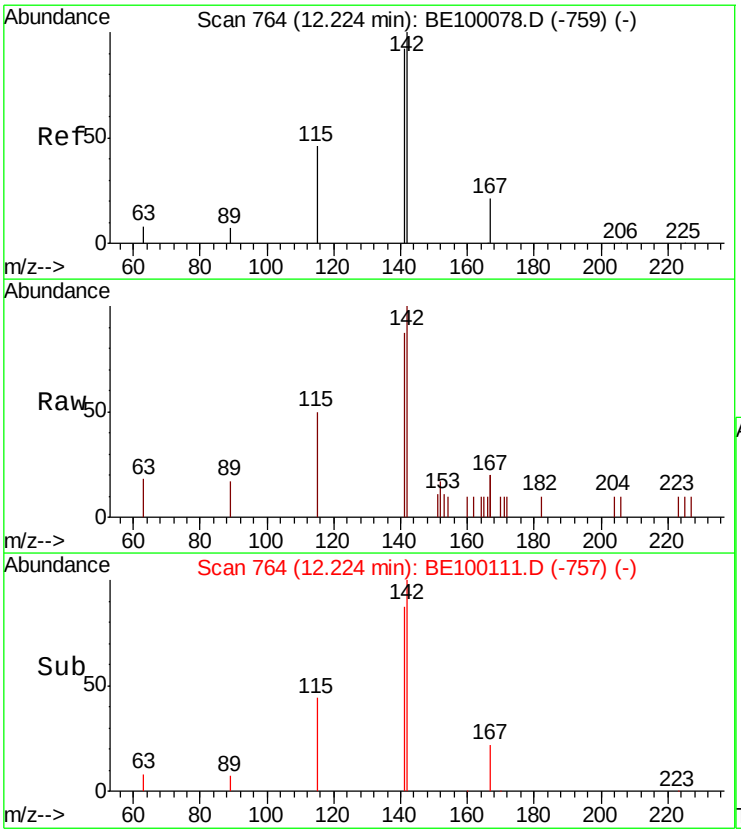
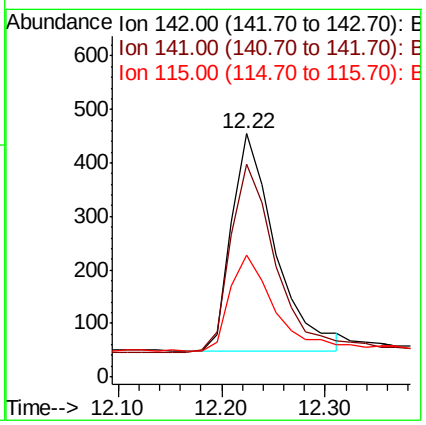


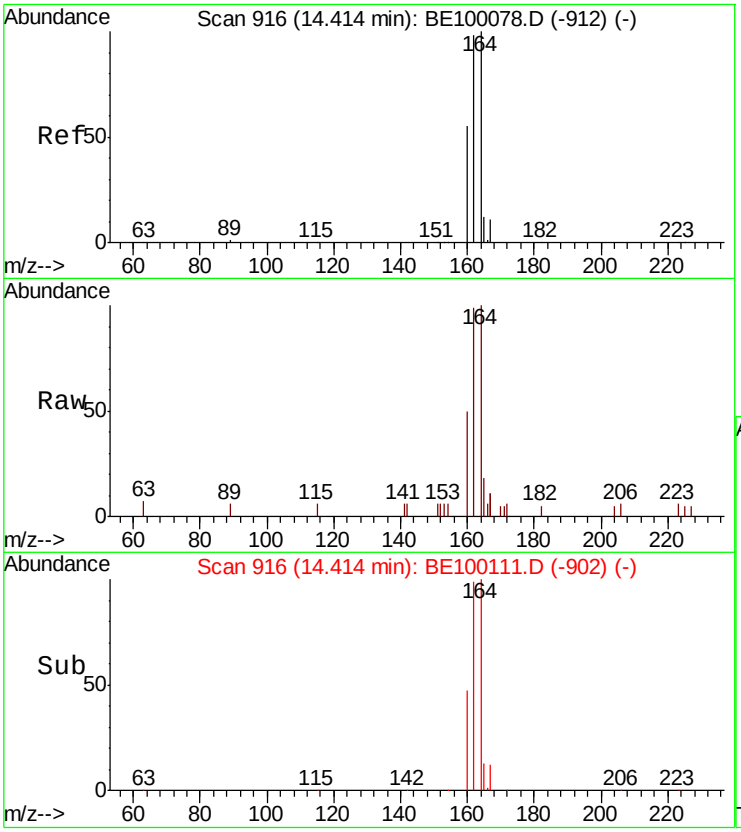




#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:142 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.3 | 74.1 | 111.1 |
| 115 | 49.9 | 40.9 | 61.3 |






#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:164 Resp: 1423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 78.2 | 117.2 |
| 160 | 50.0 | 45.6 | 68.4 |

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

**Manual Integrations APPROVED**
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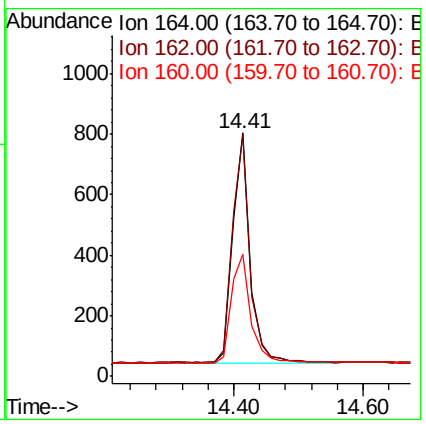
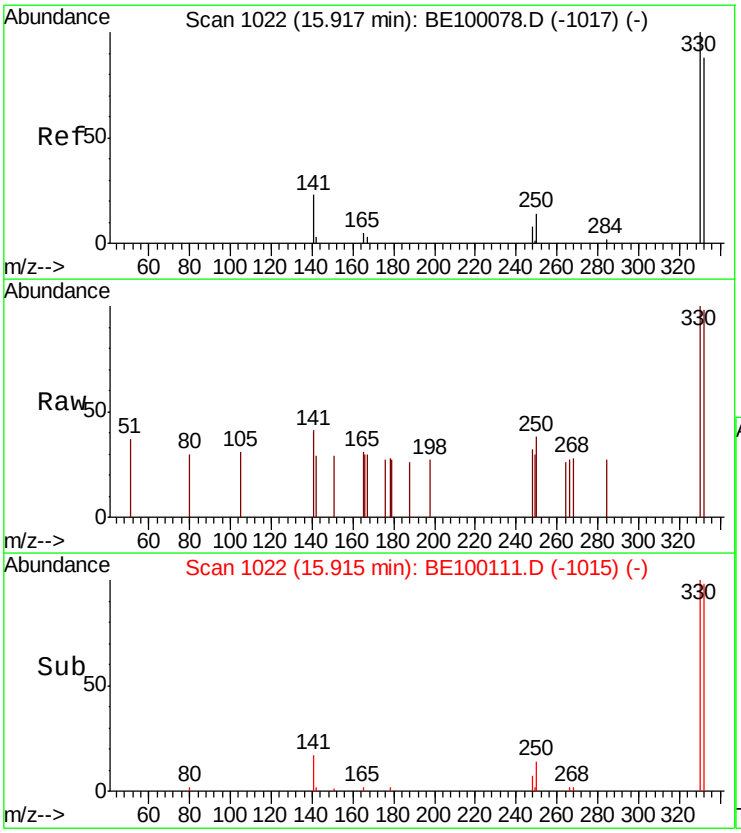
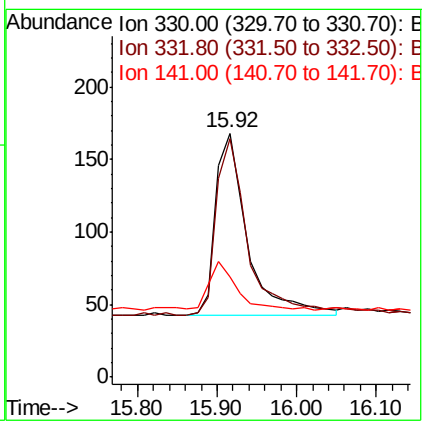


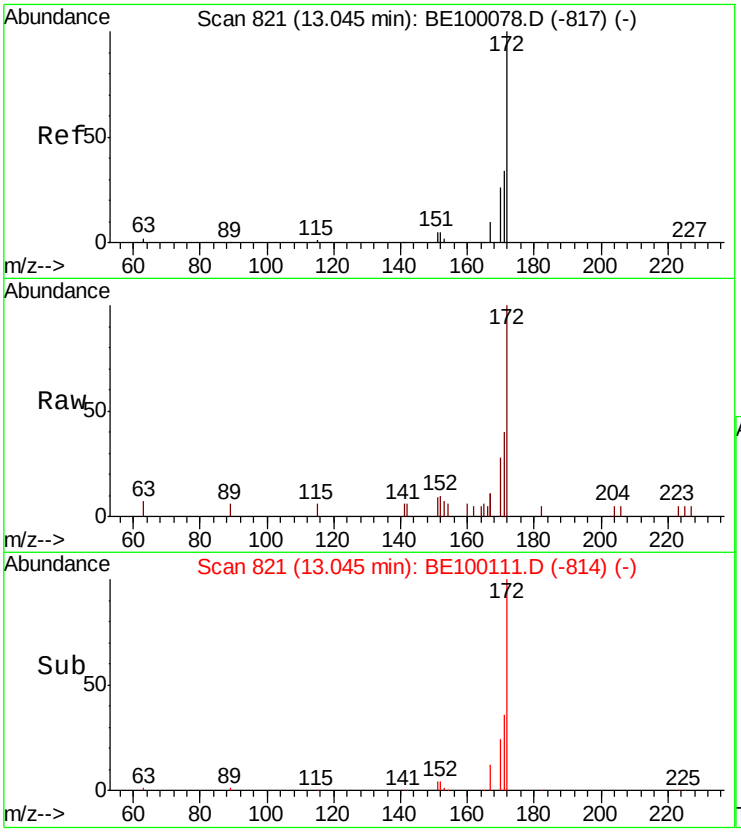




#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:330 Resp: 346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 101.7 | 73.3 | 109.9 |
| 141 | 24.6 | 22.2 | 33.2 |

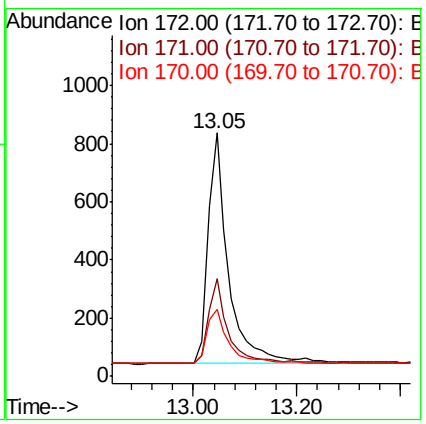





#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.05 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:172 Resp: 2205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.0 | 29.8 | 44.8 |
| 170 | 27.7 | 23.2 | 34.8 |




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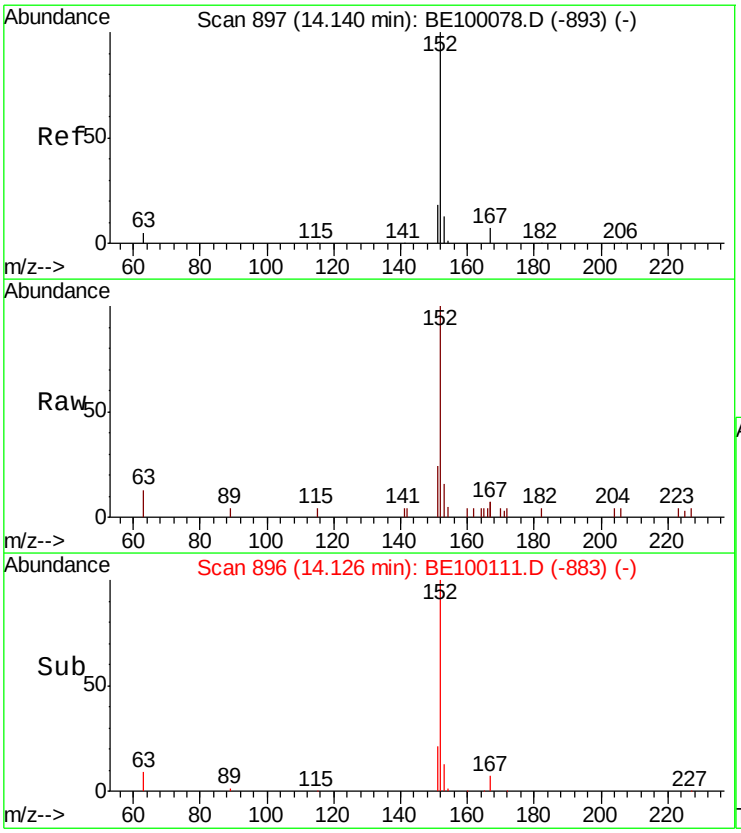
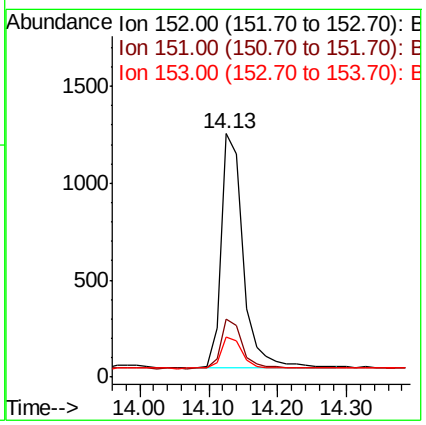
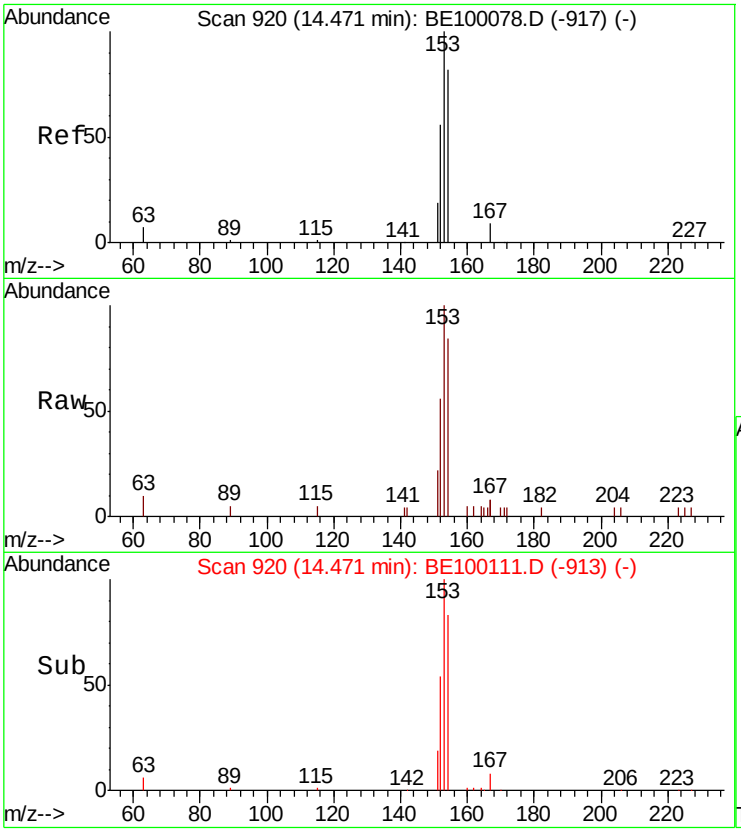



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:152 Resp: 2663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 15.9 | 23.9 |
| 153 | 13.6 | 10.1 | 15.1 |

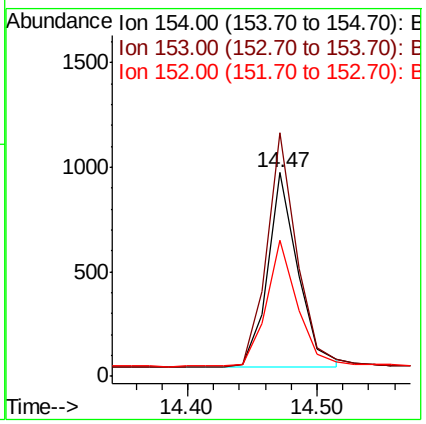





#17
Acenaphthene
Concen: 0.401 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:154 Resp: 1514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 119.2 | 95.5 | 143.3 |
| 152 | 66.2 | 54.9 | 82.3 |




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

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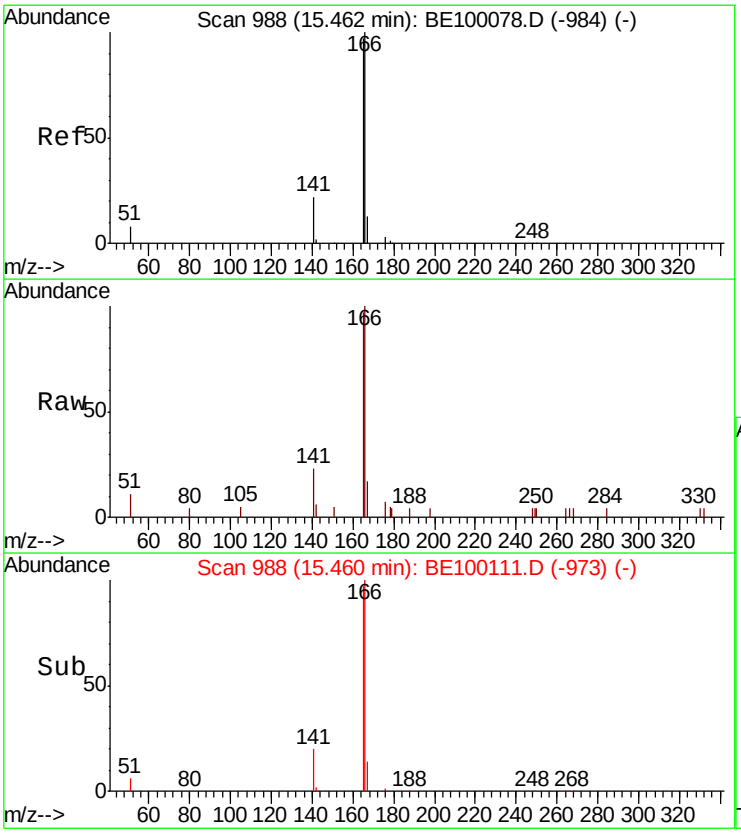
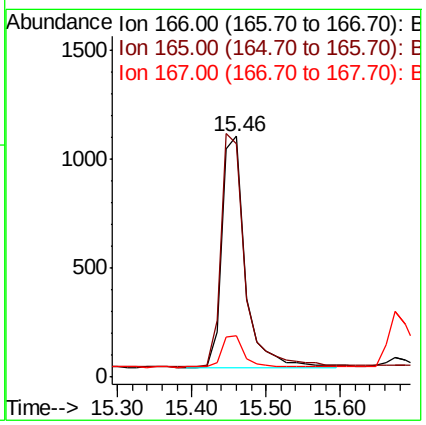
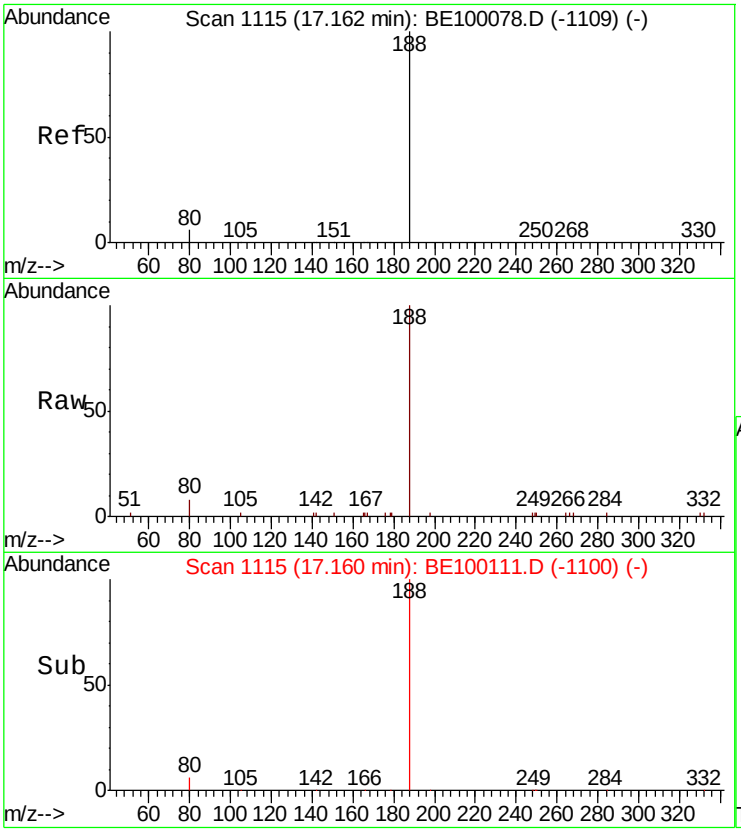



#18
Fluorene
Concen: 0.410 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:166 Resp: 2306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 103.7 | 79.8 | 119.8 |
| 167 | 14.1 | 10.2 | 15.4 |

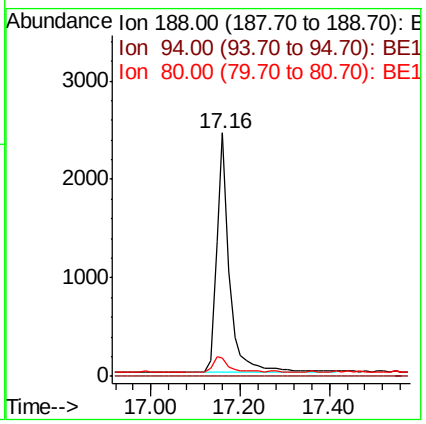





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:188 Resp: 4761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.5 | 6.3 | 9.5 |




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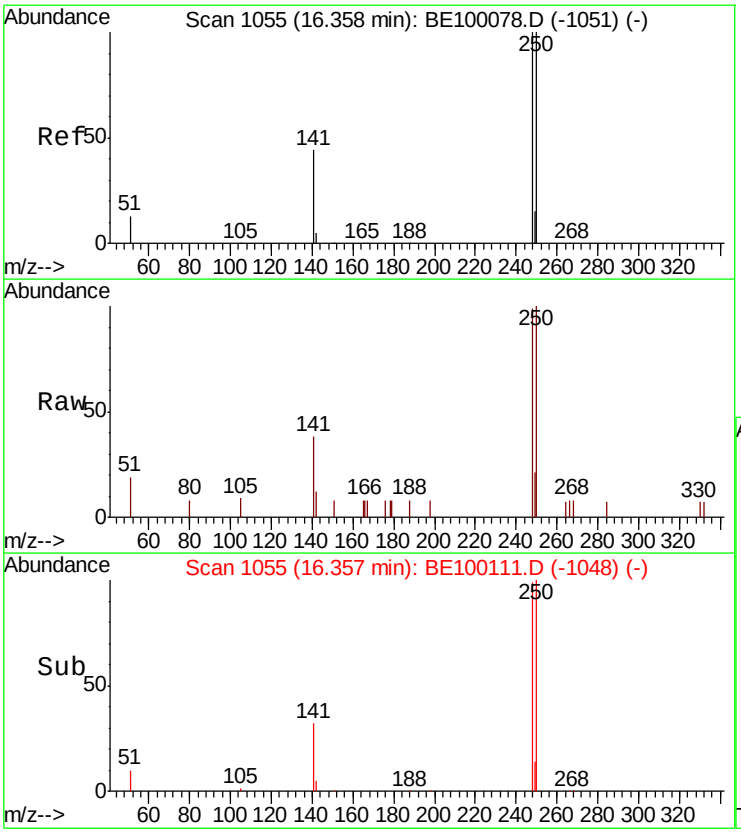
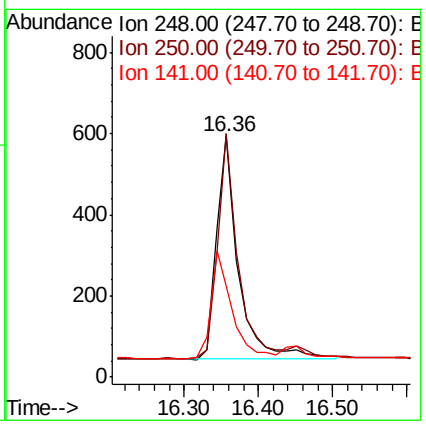
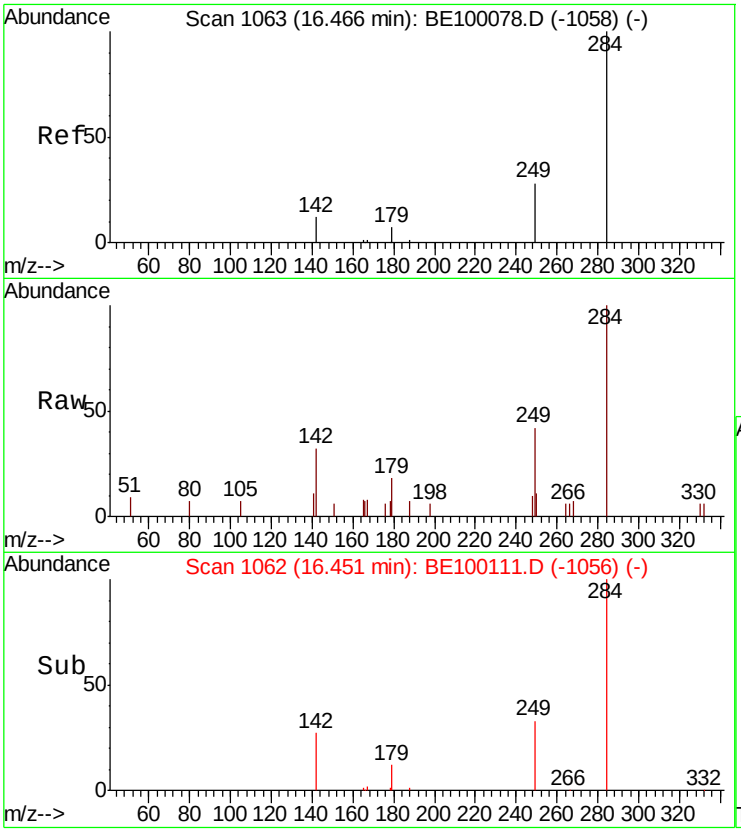



#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:248 Resp: 1143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.2 | 80.6 | 120.8 |
| 141 | 37.9 | 38.8 | 58.2# |

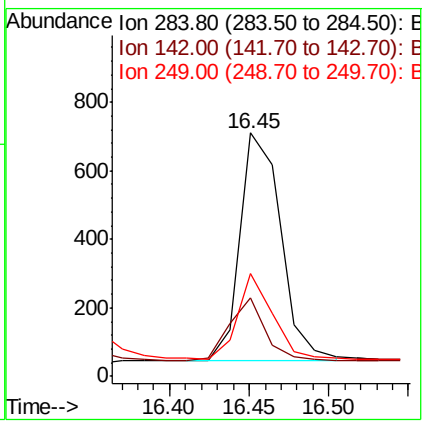





#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:284 Resp: 1190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.8 | 20.7 | 31.1 |
| 249 | 31.3 | 26.6 | 39.8 |




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

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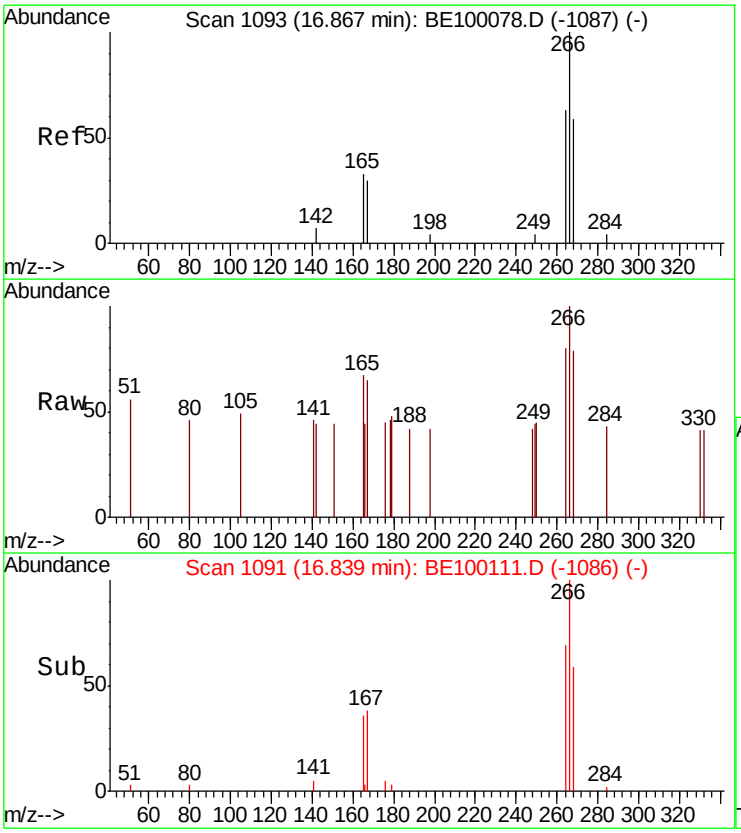
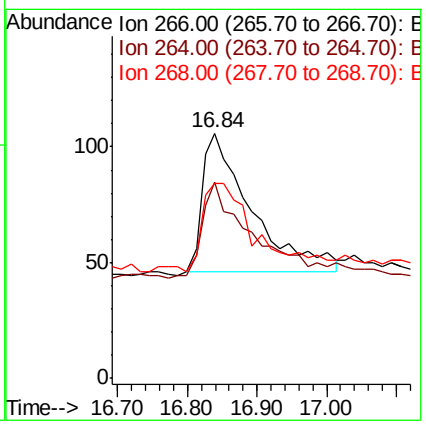
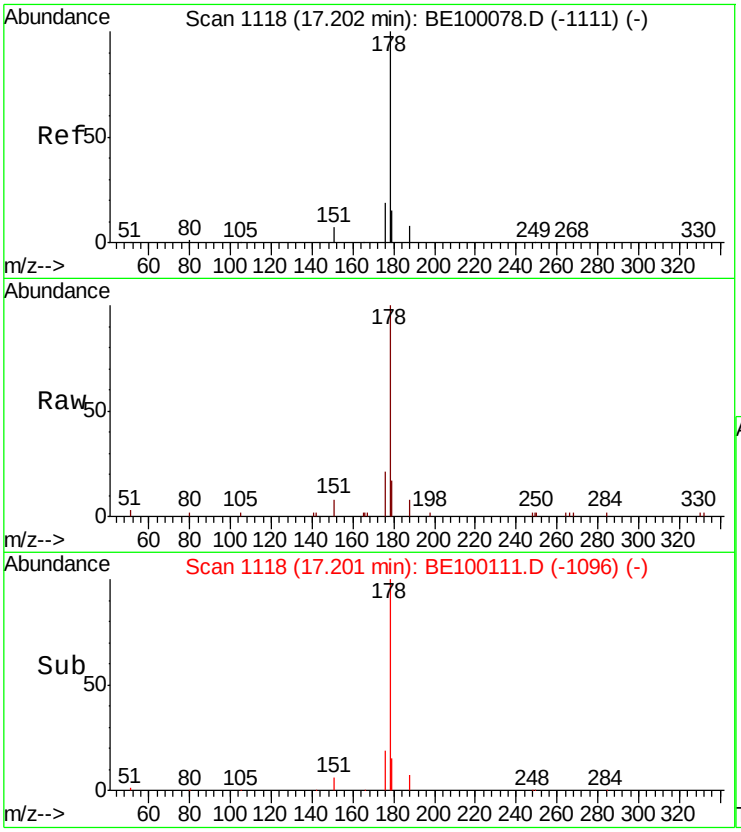



#22
Pentachlorophenol
Concen: 0.529 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:266 Resp: 291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 80.2 | 67.8 | 101.6 |
| 268 | 79.2 | 70.0 | 105.0 |

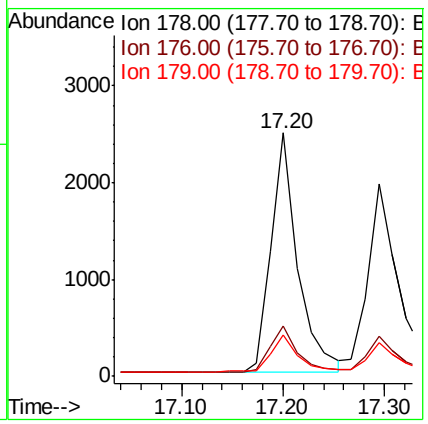





#23
Phenanthrene
Concen: 0.393 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:178 Resp: 4481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.9 | 23.9 |
| 179 | 15.7 | 13.1 | 19.7 |




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

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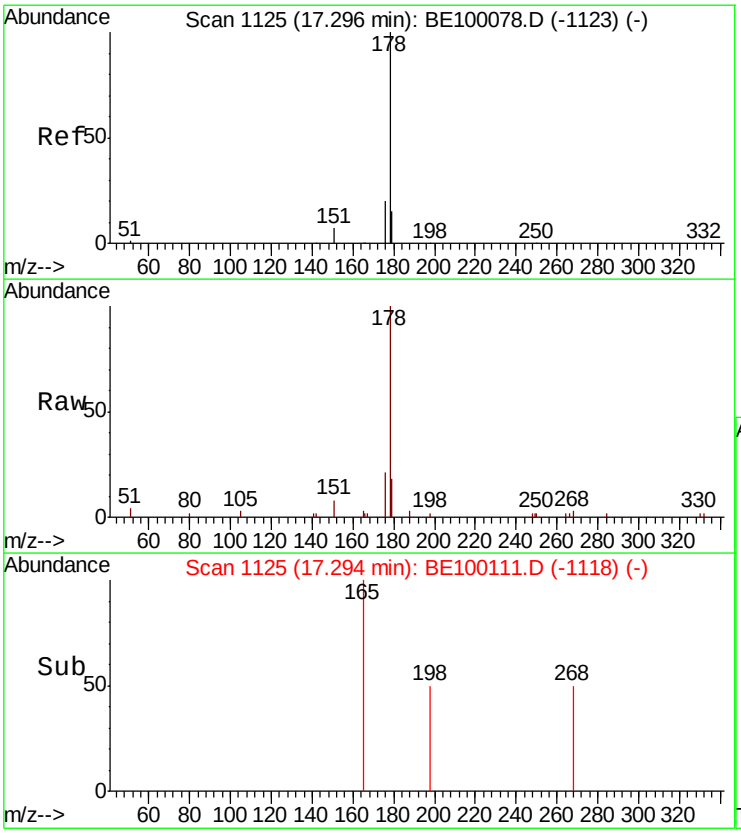
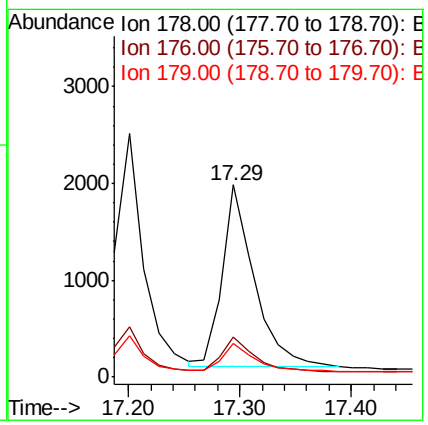
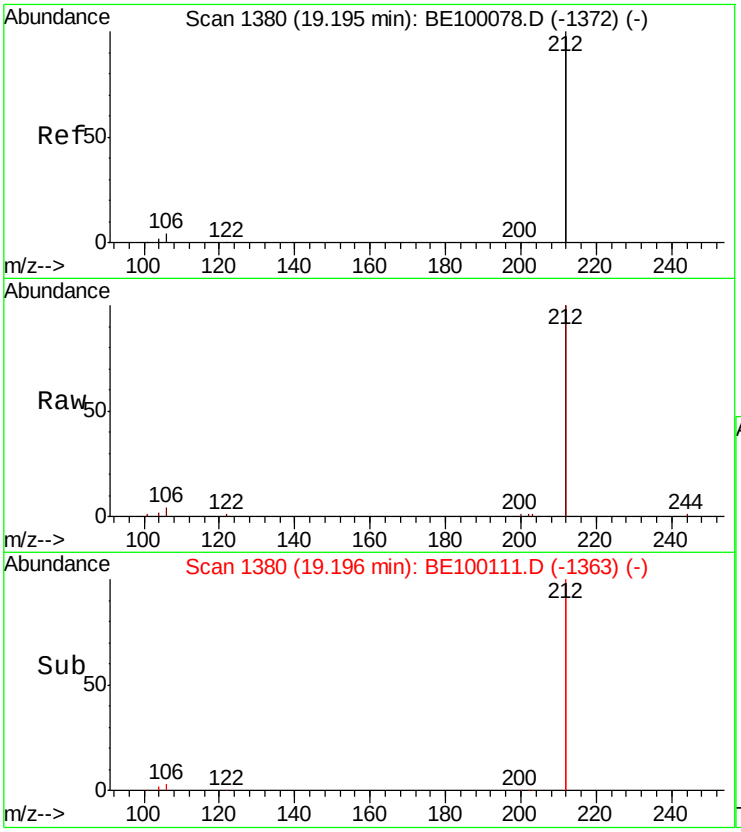



#24
Anthracene
Concen: 0.392 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:178 Resp: 3770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.8 | 23.6 |
| 179 | 15.6 | 12.0 | 18.0 |

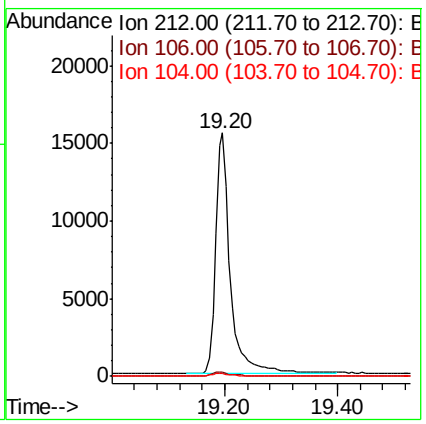





#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:212 Resp: 28051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.6 | 1.4 | 2.0 |
| 104 | 1.0 | 0.8 | 1.2 |




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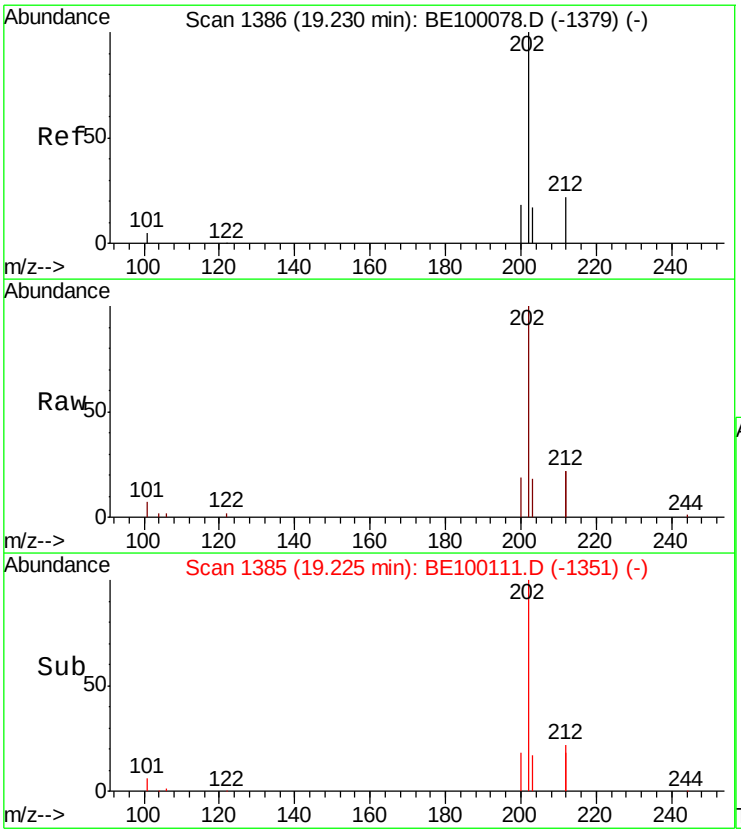
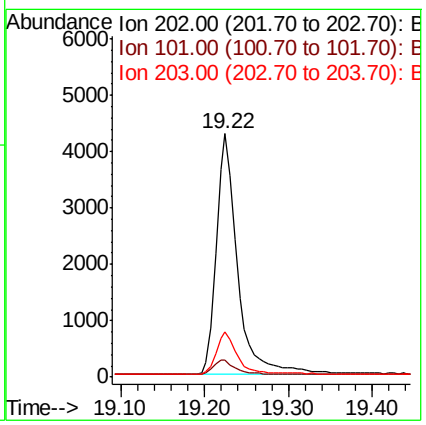
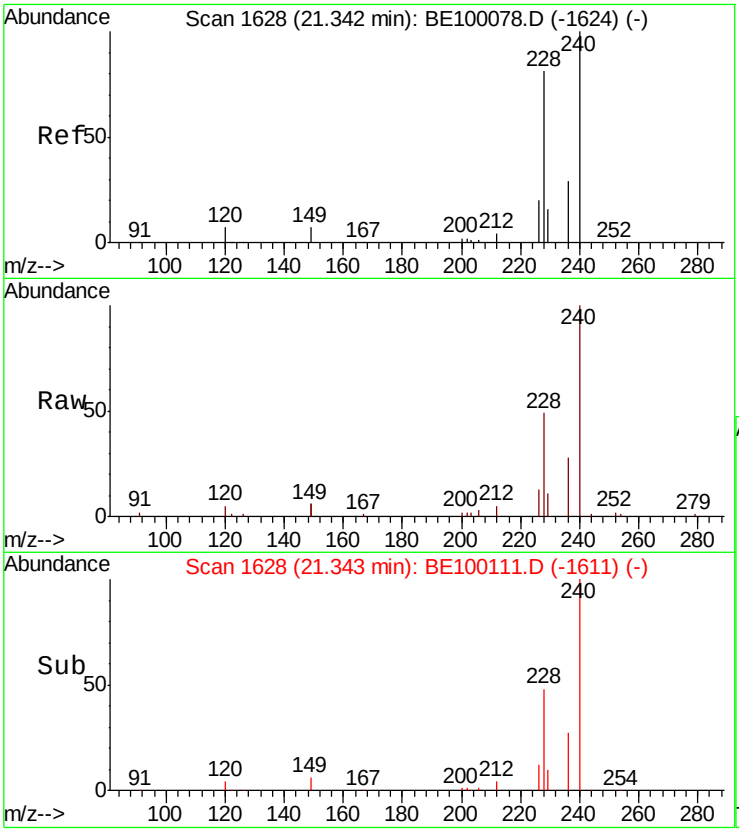



#26
Fluoranthene
Concen: 0.411 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:202 Resp: 7526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 5.0 | 7.4 |
| 203 | 17.2 | 13.7 | 20.5 |






#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:240 Resp: 7273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 6.6 | 10.0# |
| 236 | 28.4 | 23.8 | 35.6 |

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

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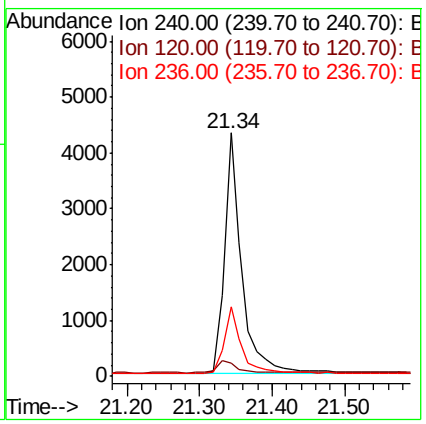
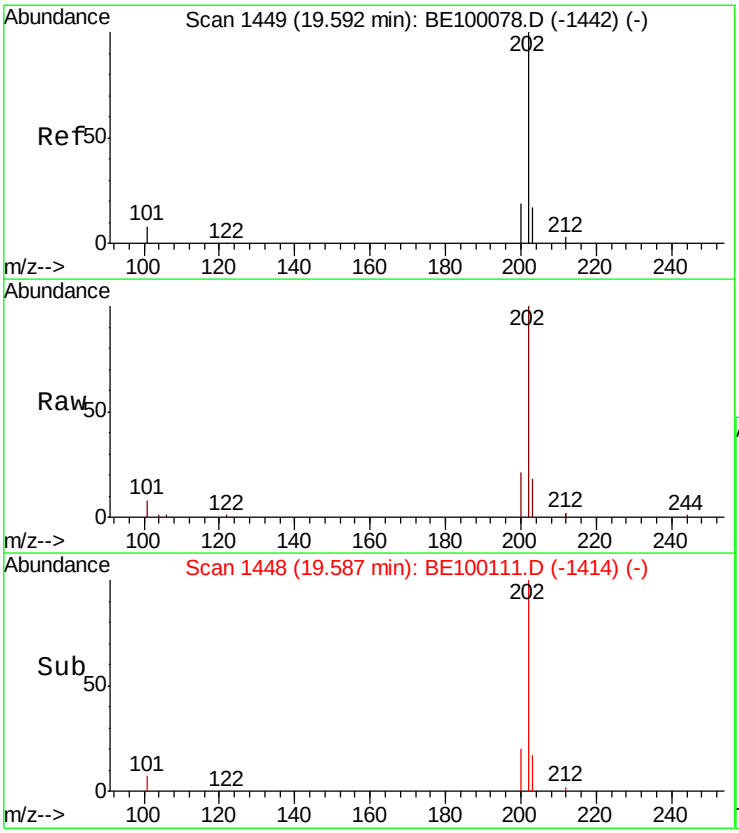
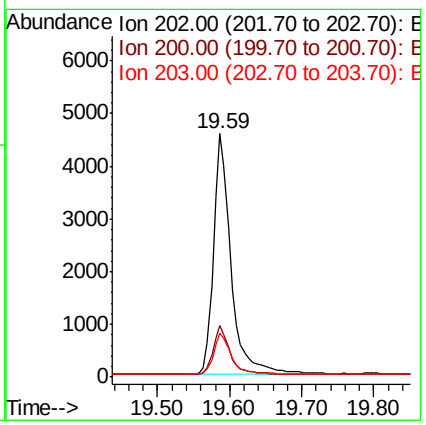


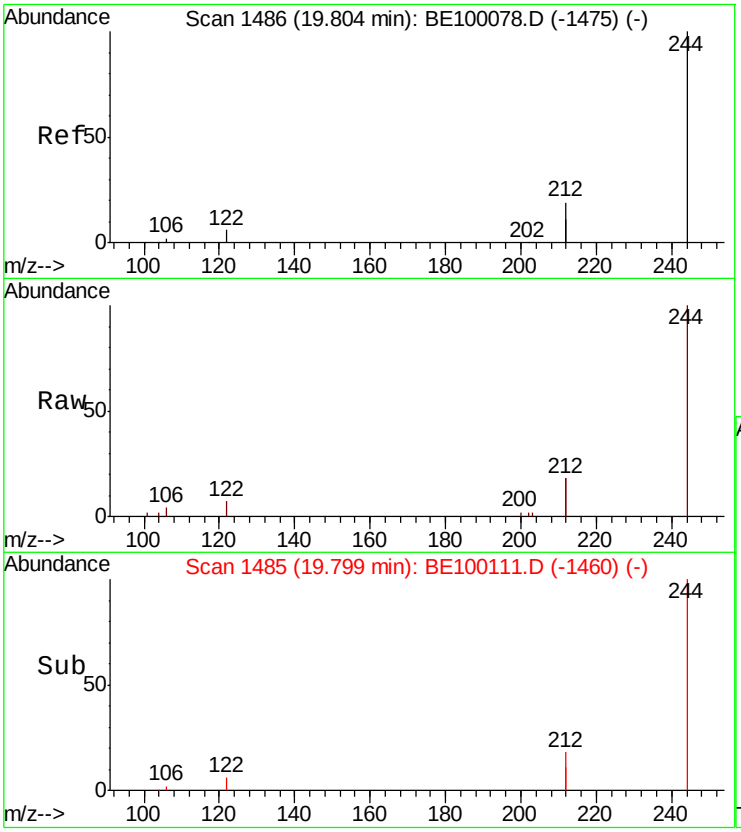




#28
Pyrene
Concen: 0.410 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:202 Resp: 7665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.0 | 15.6 | 23.4 |
| 203 | 17.2 | 13.9 | 20.9 |

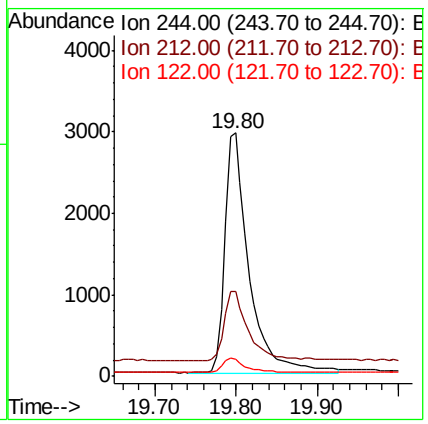





#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.80 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:244 Resp: 6028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 35.0 | 29.8 | 44.8 |
| 122 | 7.1 | 6.1 | 9.1 |




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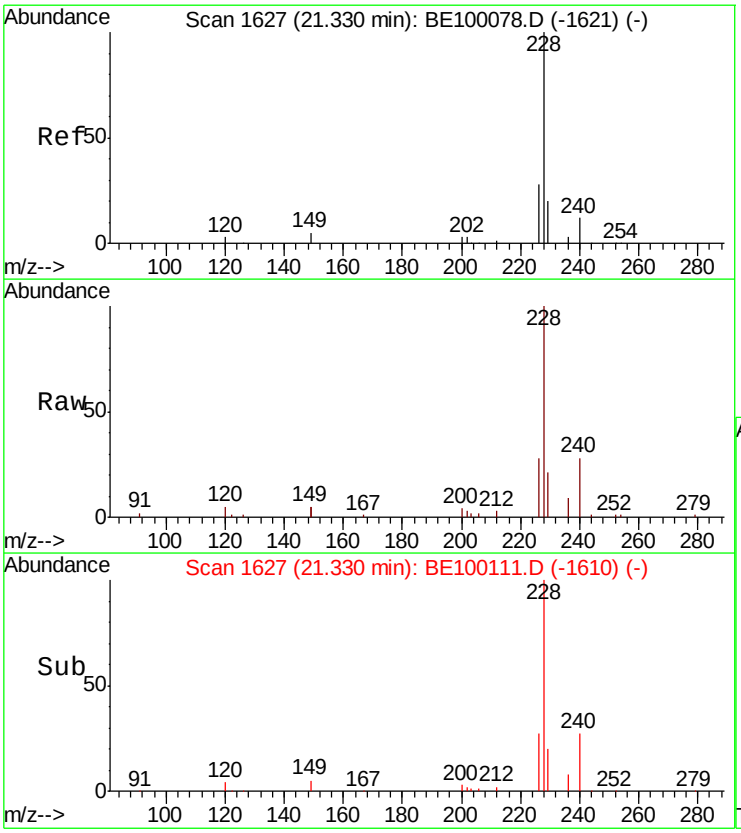
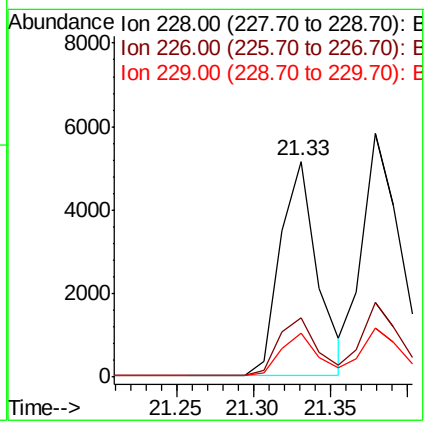
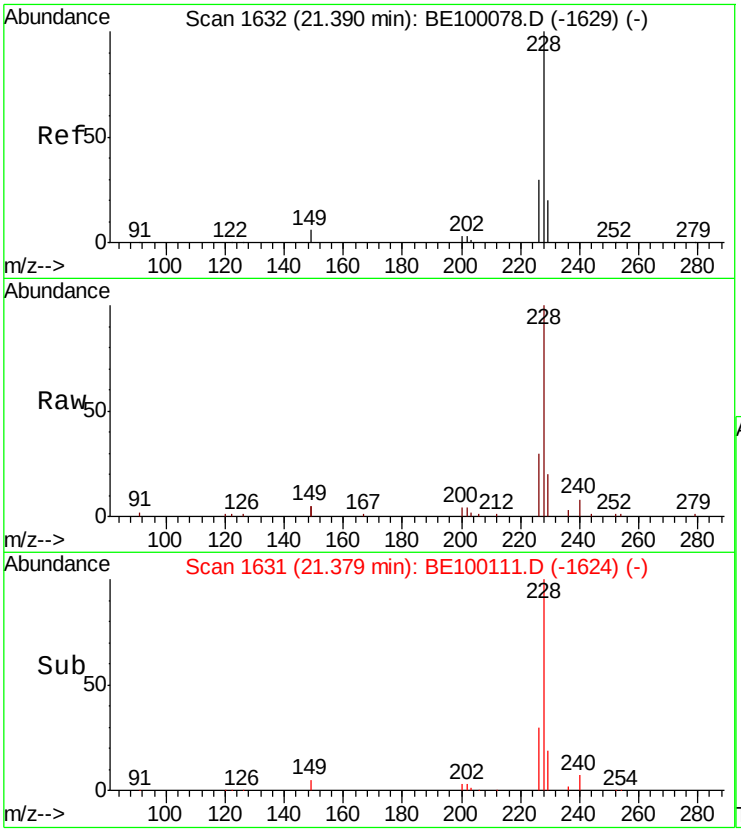



#30
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:228 Resp: 8639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 23.0 | 34.4 |
| 229 | 20.6 | 16.4 | 24.6 |

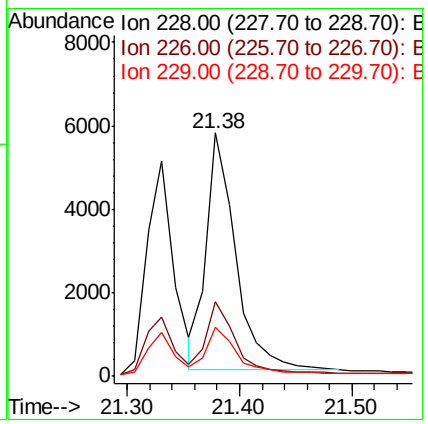





#31
Chrysene
Concen: 0.410 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:228 Resp: 10315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 23.8 | 35.8 |
| 229 | 20.1 | 16.3 | 24.5 |




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

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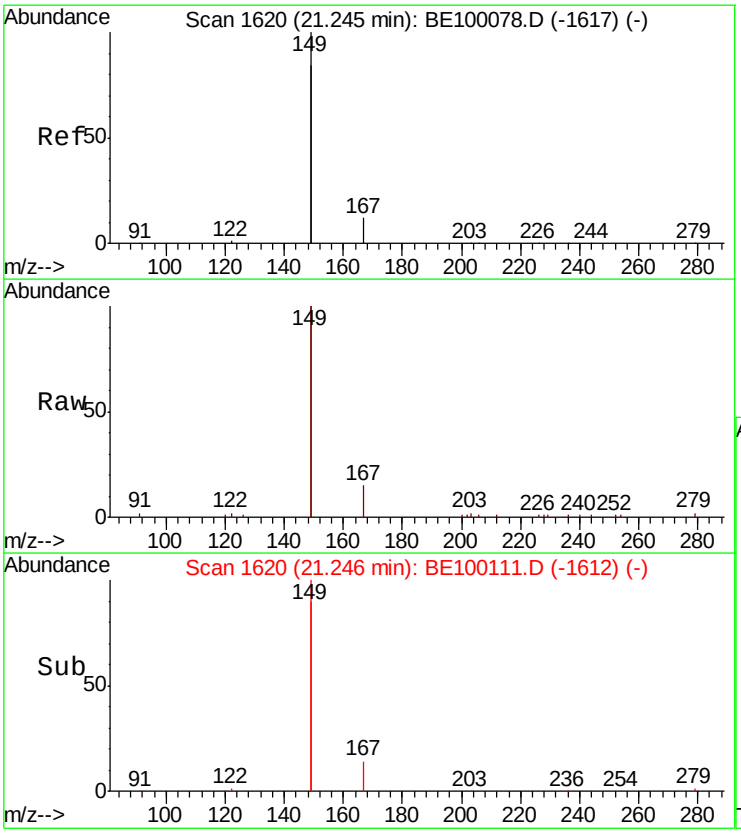
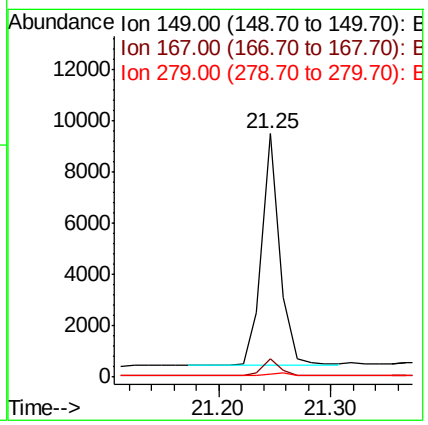
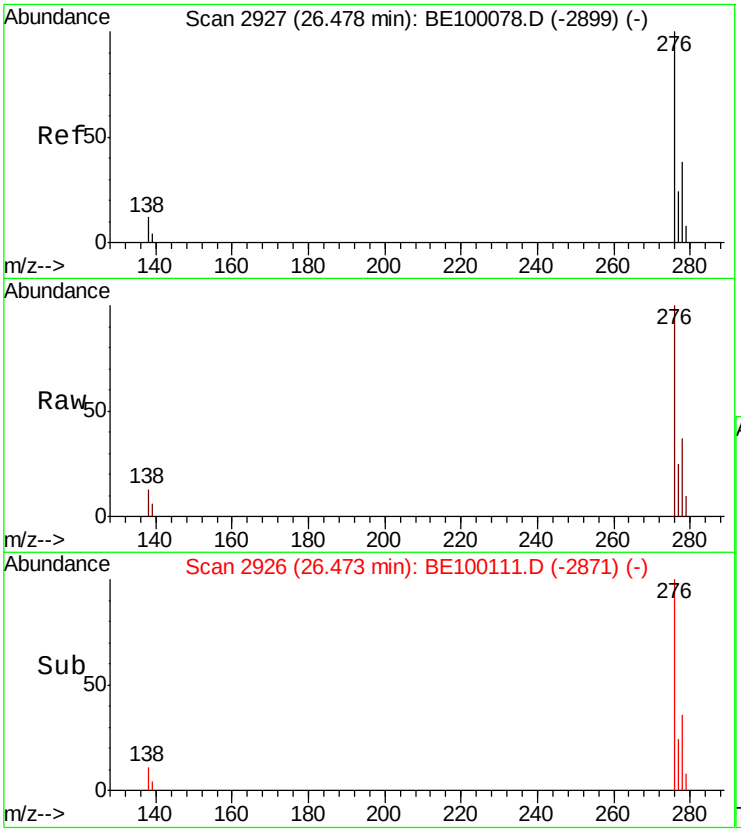



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.511 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:149 Resp: 10439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.2 | 5.8 | 8.6 |
| 279 | 1.5 | 1.1 | 1.7 |

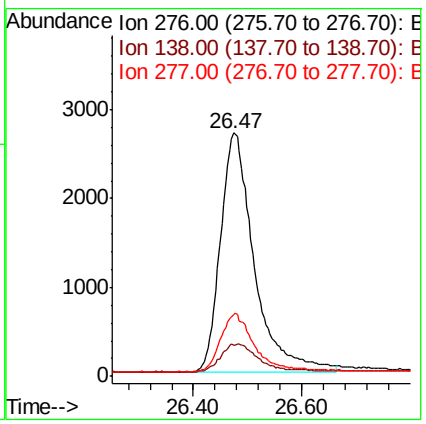





#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:276 Resp: 11644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.8 | 4.3 | 6.5# |
| 277 | 23.8 | 19.4 | 29.0 |




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

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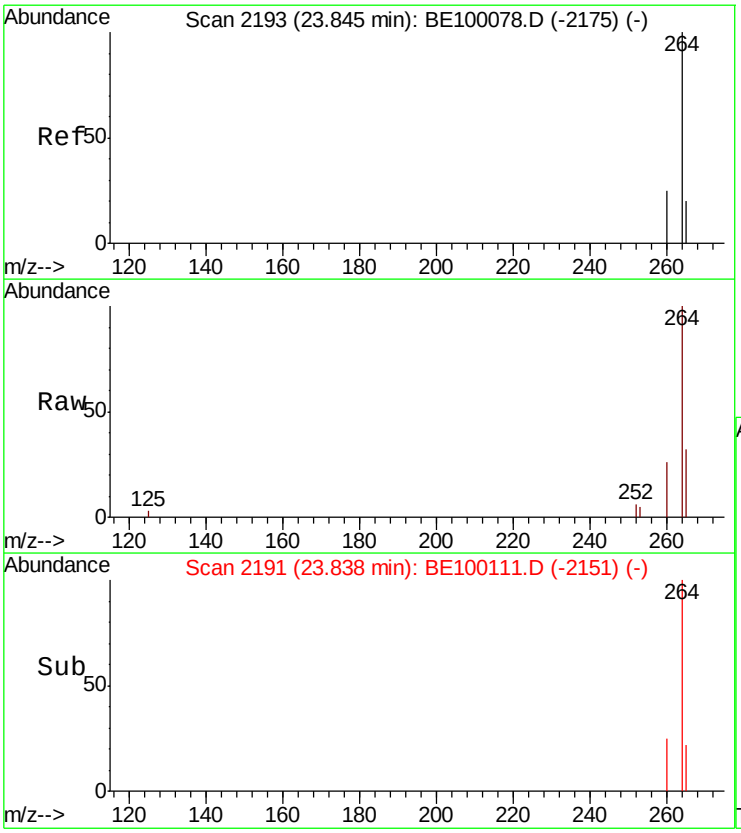
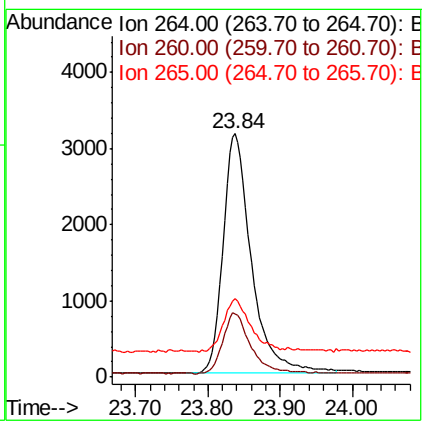
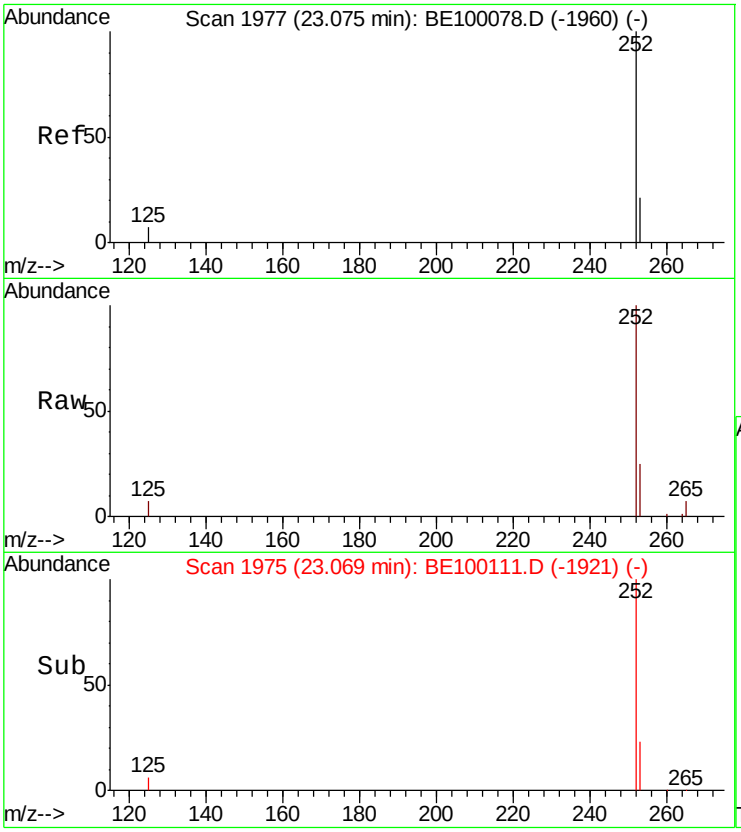



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:264 Resp: 8452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 20.8 | 31.2 |
| 265 | 32.2 | 23.2 | 34.8 |

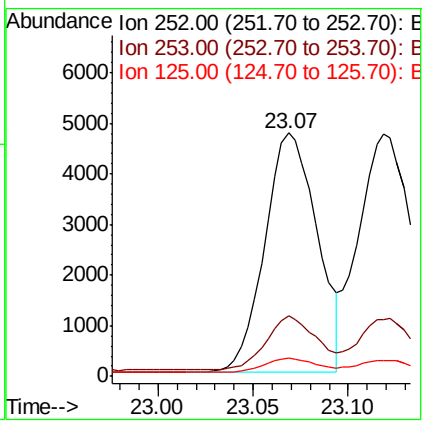





#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:252 Resp: 9052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 18.4 | 27.6 |
| 125 | 7.5 | 6.4 | 9.6 |




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

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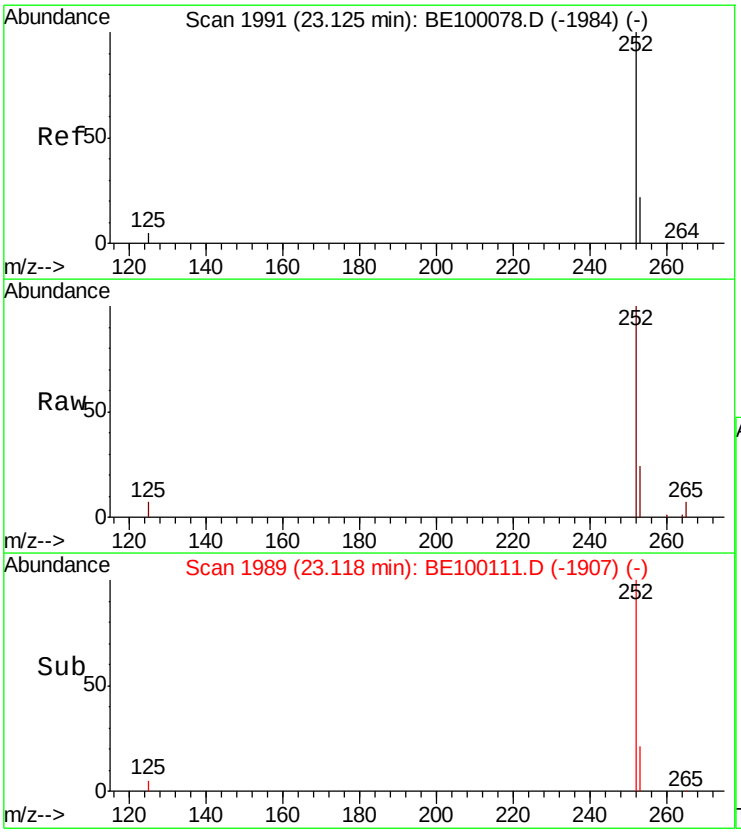
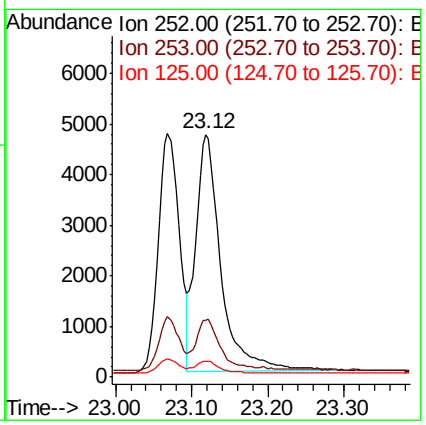
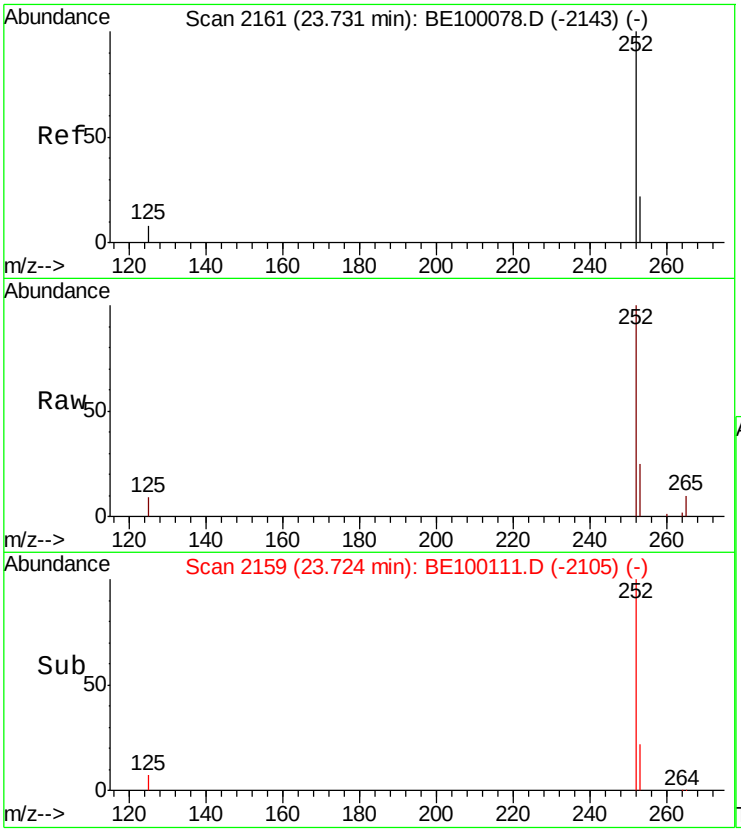



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:252 Resp: 10823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.9 | 28.3 |
| 125 | 6.7 | 5.3 | 7.9 |






#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:252 Resp: 9042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 19.4 | 29.2 |
| 125 | 8.6 | 8.0 | 12.0 |

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

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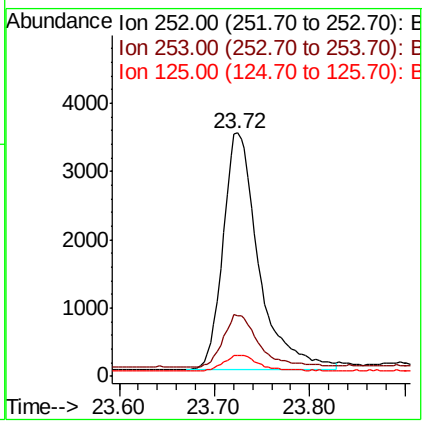
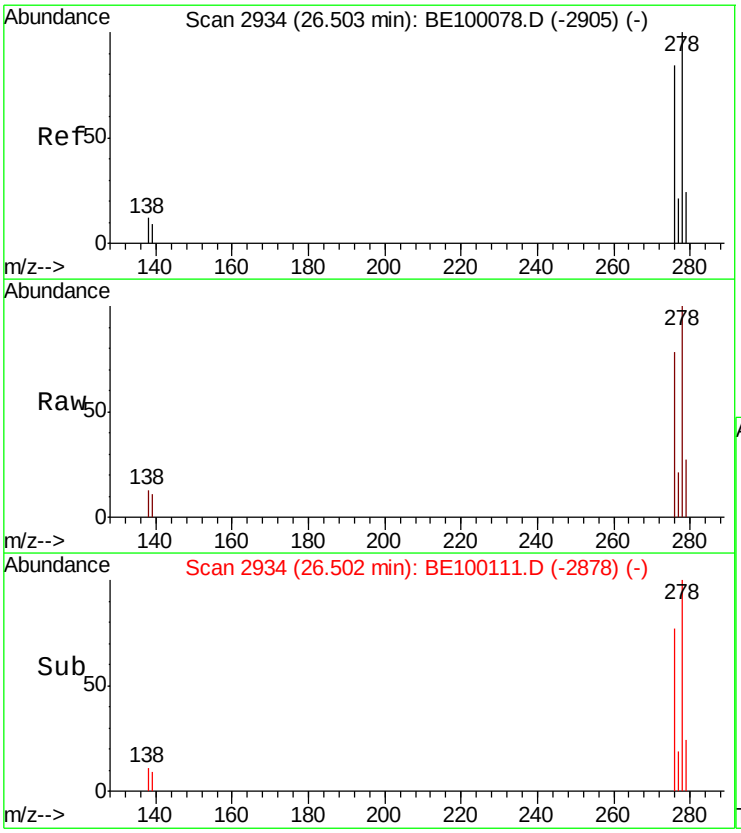
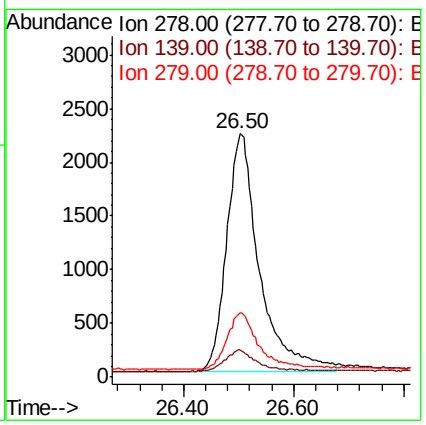


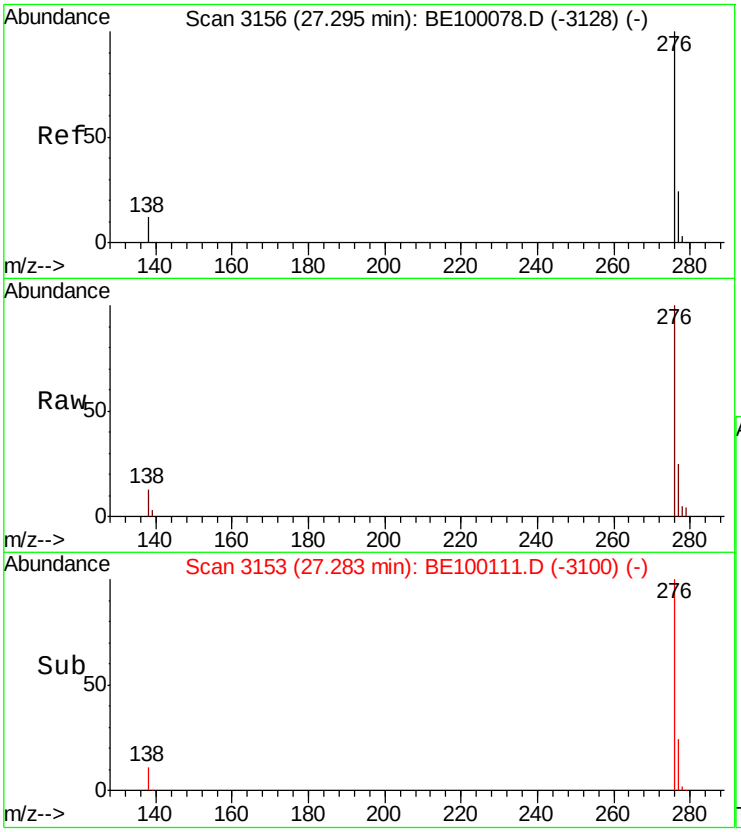




#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:278 Resp: 9290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.2 | 9.0 | 13.6 |
| 279 | 26.6 | 21.4 | 32.0 |

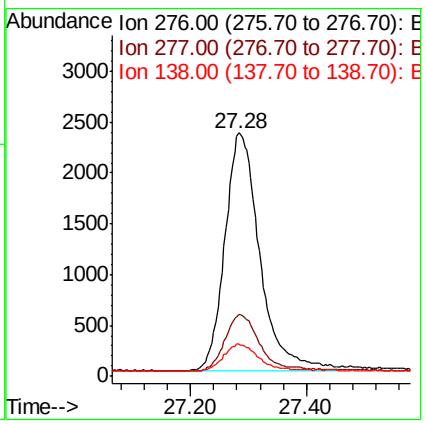





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.28 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:276 Resp: 9785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 20.3 | 30.5 |
| 138 | 13.4 | 11.3 | 16.9 |




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

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mohammad
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