Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099412.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 29 18:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 16:46:21 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 2131 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 8219 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 6513 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.19 | 188 | 19789 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 29402 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.87 | 264 | 30634 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 19085 | 3.67 | ng | | 0.00 |
| 5) Phenol-d6 | 6.96 | 99 | 26780 | 3.60 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 26525 | 4.16 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.20 | 152 | 49747 | 3.43 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.94 | 330 | 14535 | 6.72 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.07 | 172 | 78753 | 3.08 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 858584 | 3.61 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 179238 | 3.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 8954 | 3.001 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.62 | 42 | 6242 | 3.888 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 22013 | 3.175 | ng | | 97 |
| 9) Naphthalene | 10.65 | 128 | 292311 | 3.260 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.93 | 225 | 19656 | 3.453 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.27 | 142 | 52874 | 3.466 | ng | | 96 |
| 16) Acenaphthylene | 14.18 | 152 | 105089 | 3.570 | ng | | 99 |
| 17) Acenaphthene | 14.52 | 154 | 60226 | 3.320 | ng | | 98 |
| 18) Fluorene | 15.49 | 166 | 88570 | 3.398 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.38 | 248 | 37901 | 3.457 | ng | | 95 |
| 21) Hexachlorobenzene | 16.49 | 284 | 36417 | 3.456 | ng | | 99 |
| 22) Pentachlorophenol | 16.84 | 266 | 18759 | 6.603 | ng | | 99 |
| 23) Phenanthrene | 17.23 | 178 | 162443 | 3.100 | ng | | 99 |
| 24) Anthracene | 17.32 | 178 | 164378 | 3.526 | ng | | 100 |
| 26) Fluoranthene | 19.25 | 202 | 247124 | 3.523 | ng | | 100 |
| 28) Pyrene | 19.61 | 202 | 255752 | 2.953 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.35 | 228 | 304088 | 3.518 | ng | | 100 |
| 31) Chrysene | 21.40 | 228 | 293510 | 3.191 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 444170 | 5.647 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.52 | 276 | 343149 | 3.778 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 291591 | 3.109 | ng | # | 98 |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 279895 | 2.994 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.75 | 252 | 274058 | 3.262 | ng | # | 96 |
| 38) Dibenzo(a,h)anthracene | 26.54 | 278 | 282419 | 3.290 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 27.33 | 276 | 279455 | 3.209 | ng | | 98 |

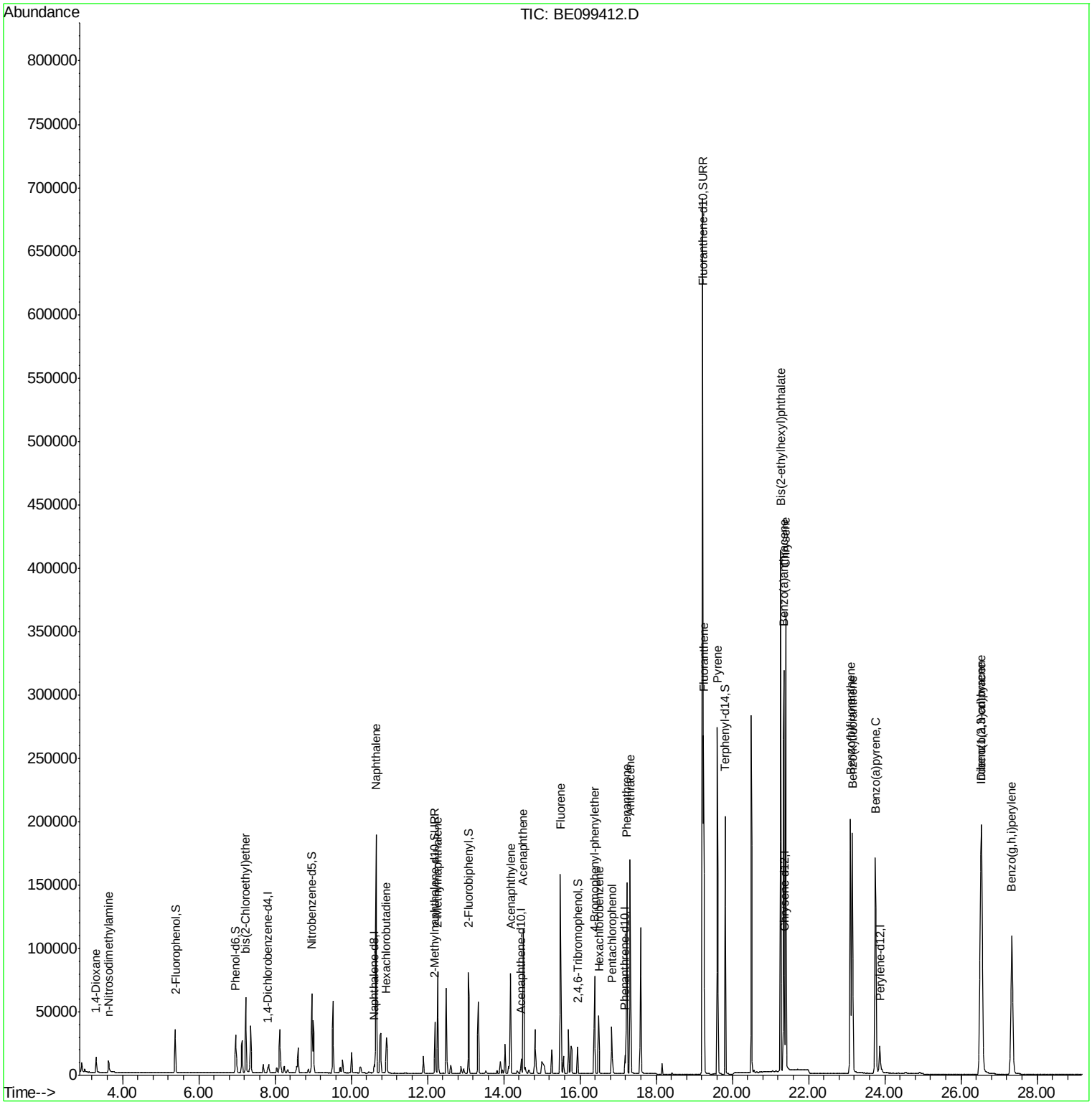
(#) = qualifier out of range (m) = manual integration (+) = signals summed

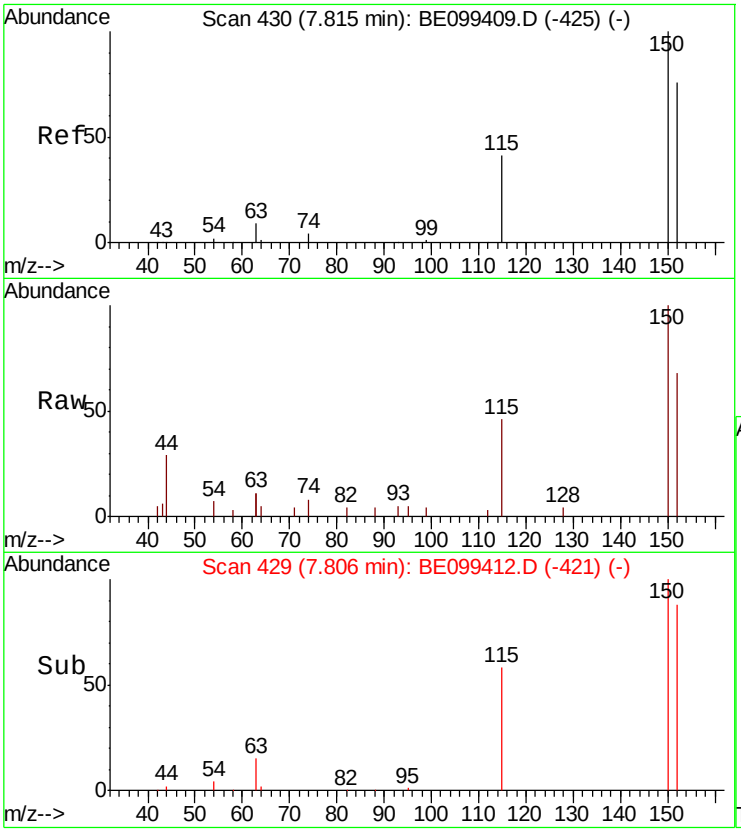
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
Data File : BE099412.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 29 18:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 16:46:21 2019
Response via : Initial Calibration



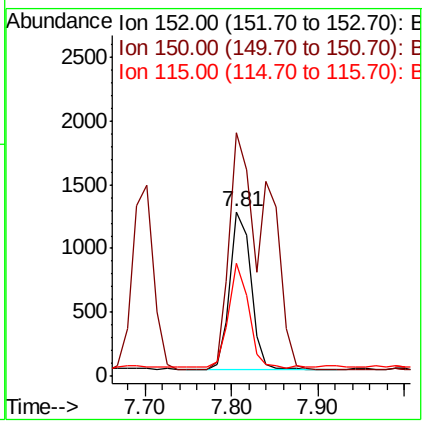


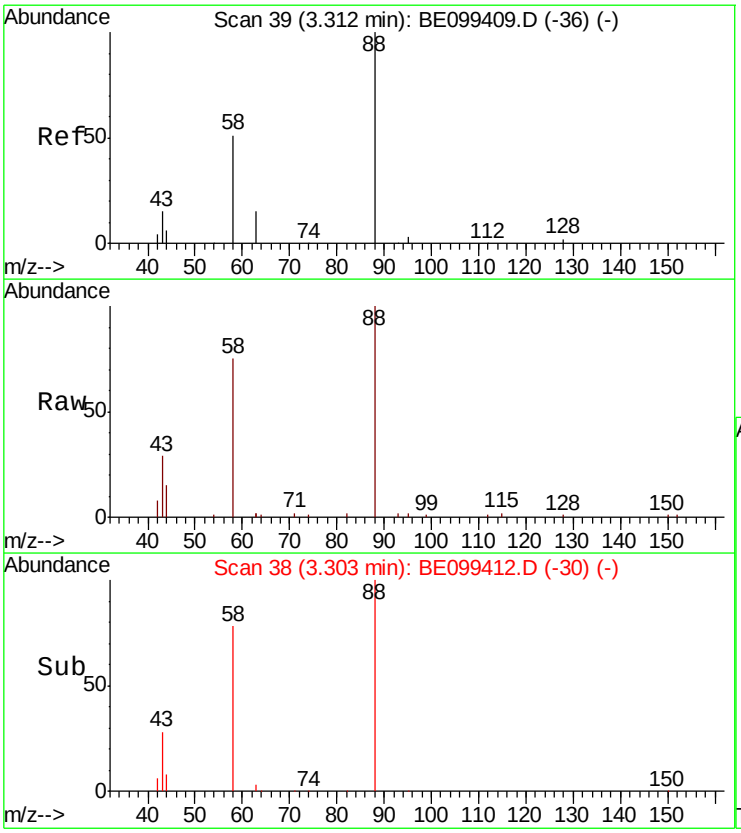

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:152 Resp: 2131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.9 | 104.8 | 157.2 |
| 115 | 68.4 | 46.6 | 69.8 |

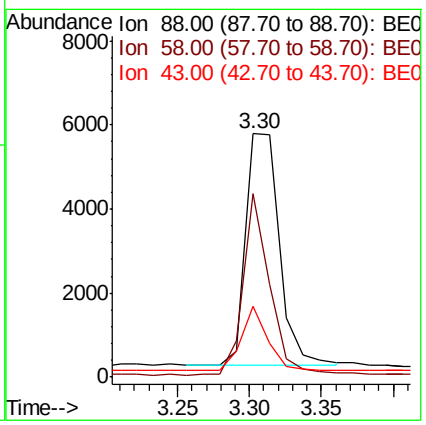


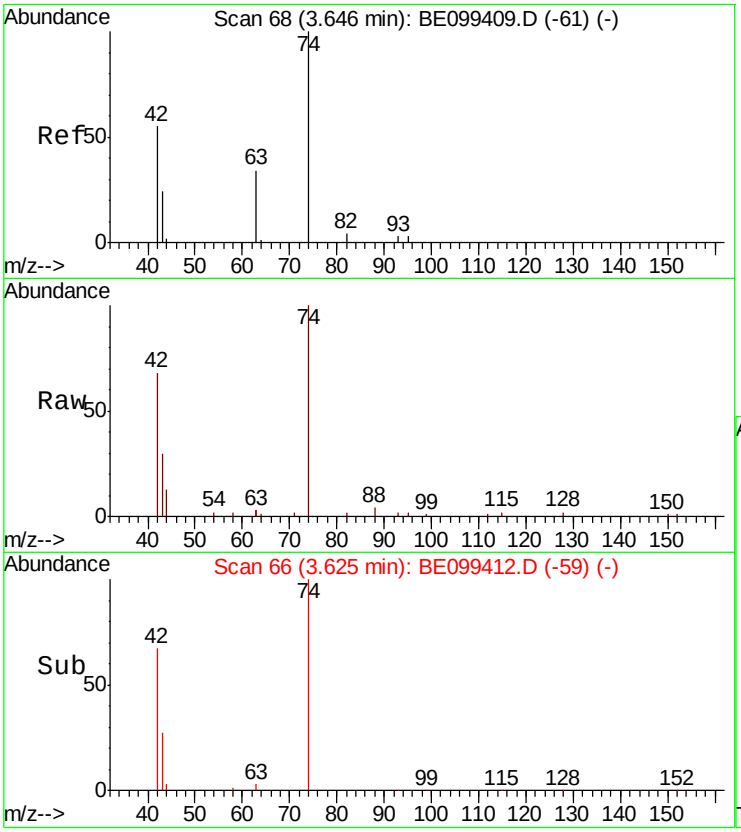




#2
1,4-Dioxane
Concen: 3.001 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 88 Resp: 8954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 61.2 | 51.0 | 76.6 |
| 43 | 22.1 | 20.6 | 30.8 |



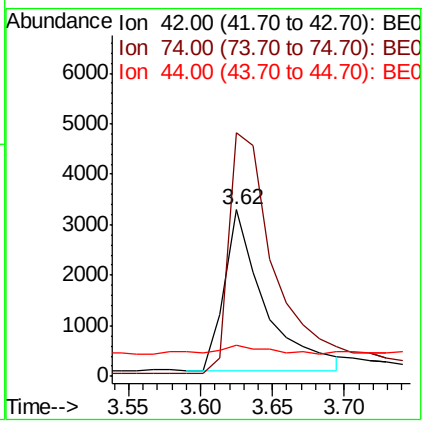


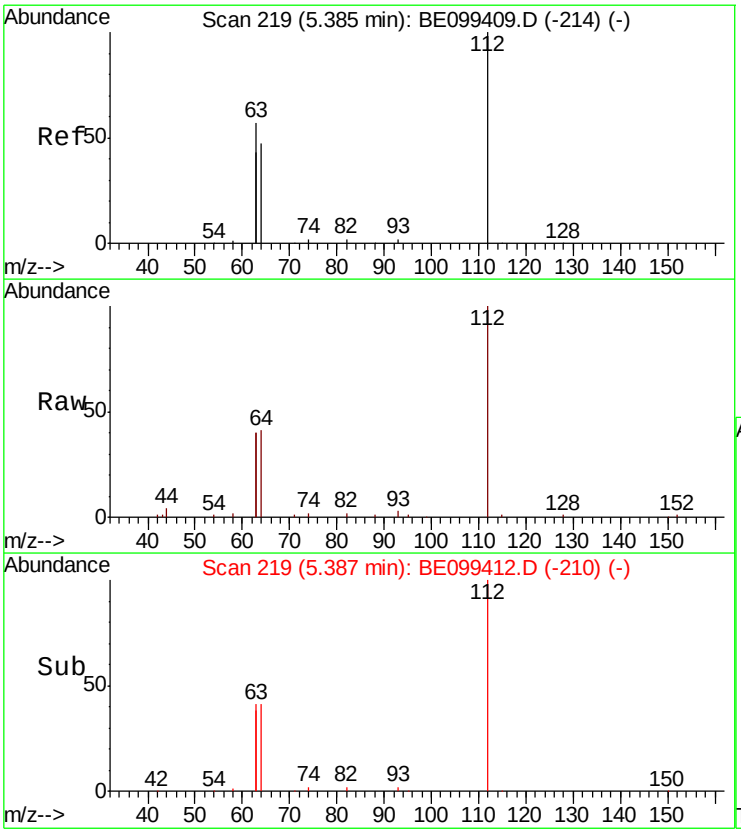

#3
n-Nitrosodimethylamine
Concen: 3.888 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion: 42 Resp: 6242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 170.2 | 141.6 | 212.4 |
| 44 | 7.8 | 0.0 | 0.0# |

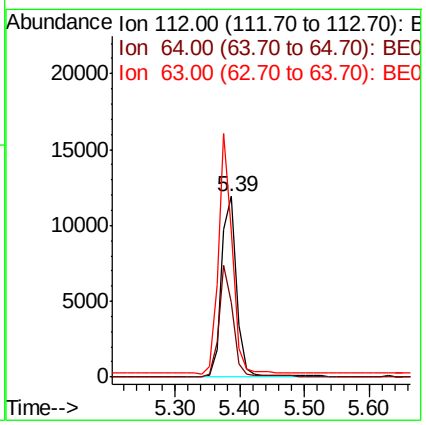


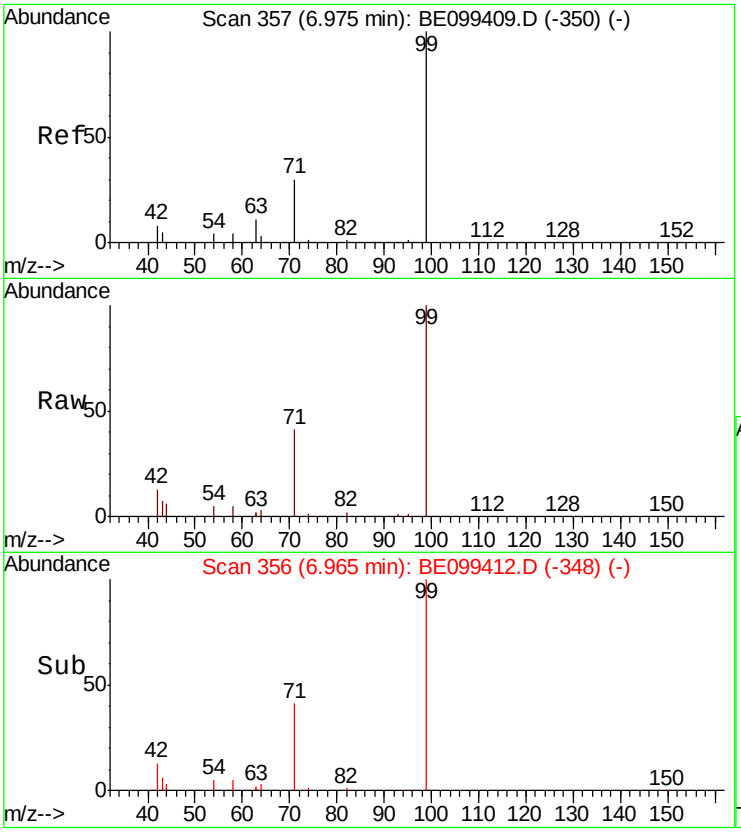




#4
2-Fluorophenol
Concen: 3.665 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:112 Resp: 19085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.3 | 47.4 | 71.0 |
| 63 | 122.2 | 104.3 | 156.5 |



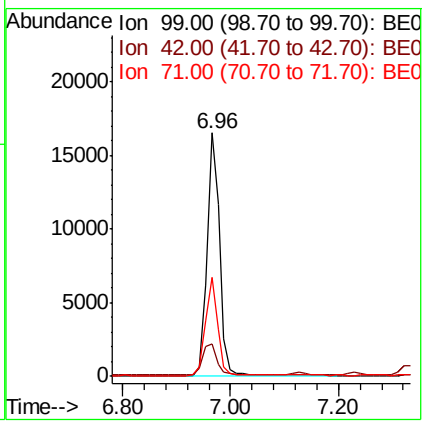


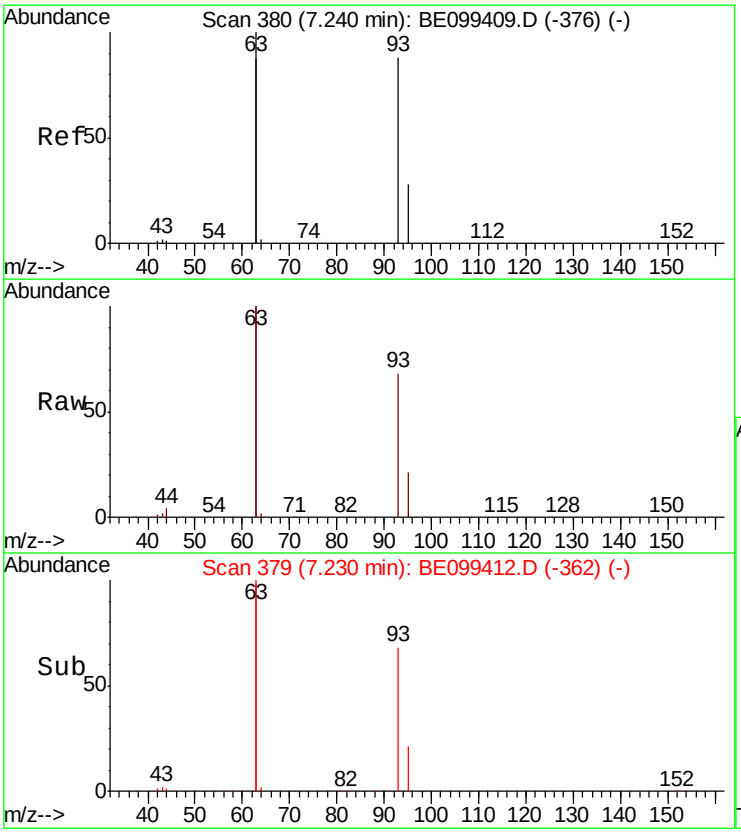

#5
Phenol-d6
Concen: 3.604 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion: 99 Resp: 26780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.0 | 14.9 | 22.3 |
| 71 | 38.5 | 33.0 | 49.6 |

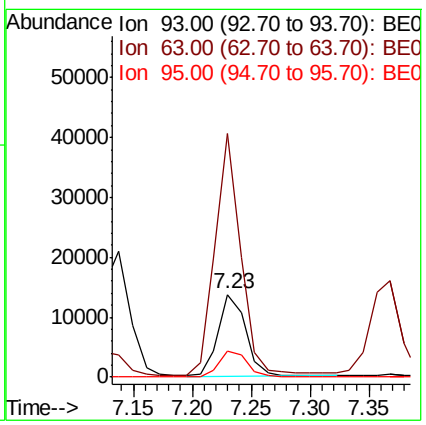


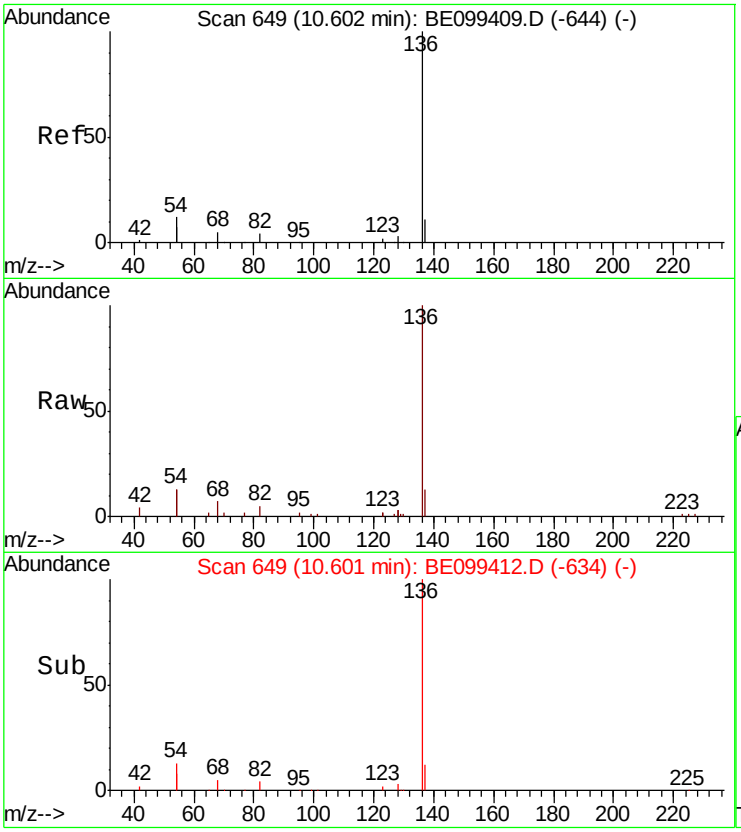




#6
bis(2-Chloroethyl)ether
Concen: 3.175 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 93 Resp: 22013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 274.7 | 215.6 | 323.4 |
| 95 | 32.1 | 26.2 | 39.2 |



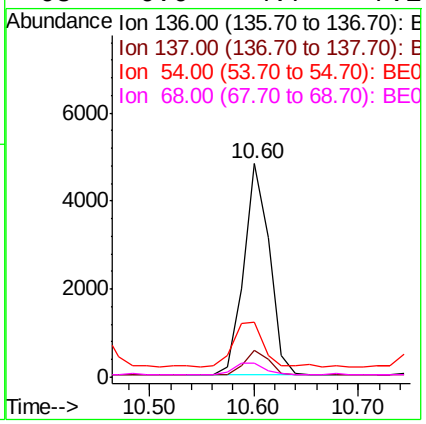


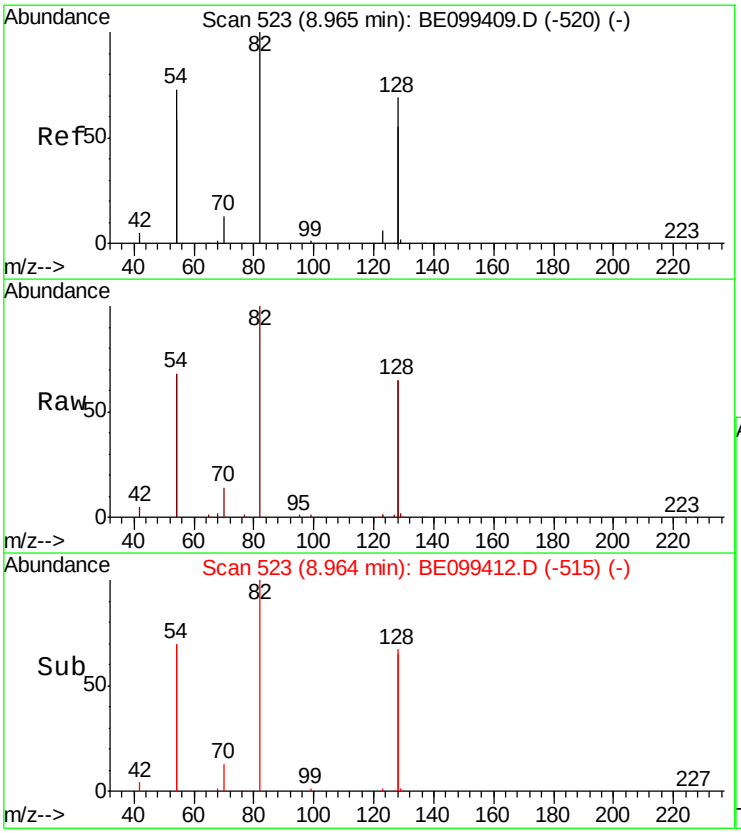

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:136 Resp: 8219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 9.8 | 14.8 |
| 54 | 25.9 | 18.5 | 27.7 |
| 68 | 6.6 | 4.7 | 7.1 |

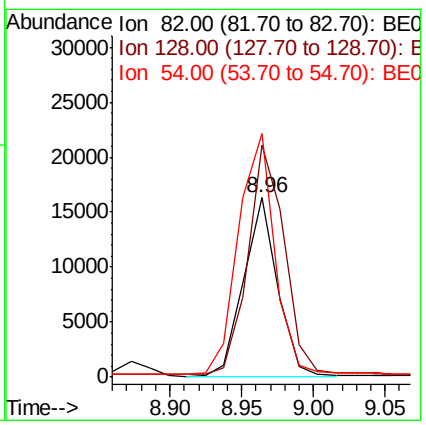


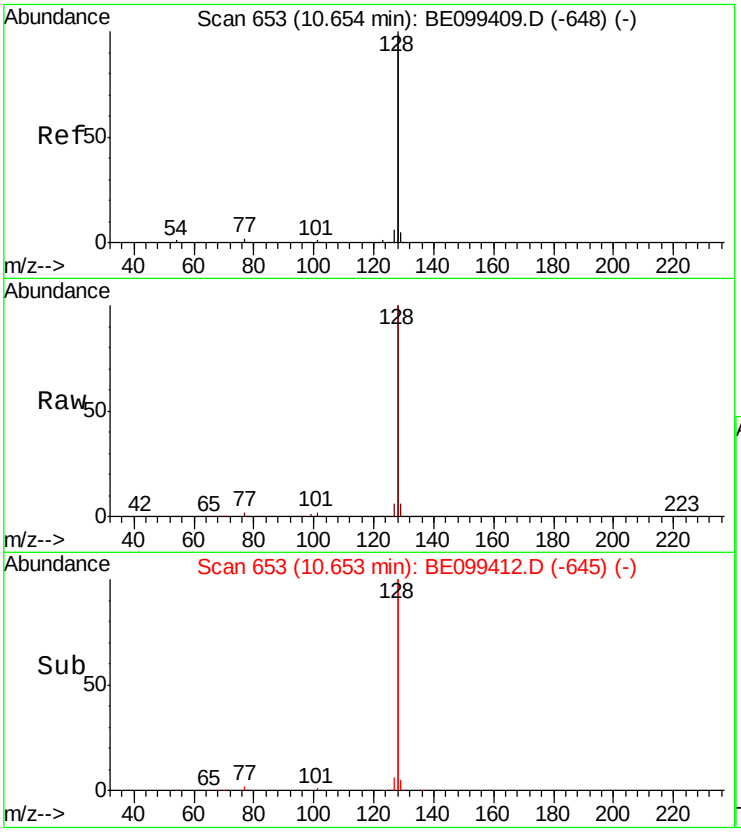




#8
Nitrobenzene-d5
Concen: 4.157 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 82 Resp: 26525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 129.5 | 107.0 | 160.4 |
| 54 | 135.8 | 113.1 | 169.7 |



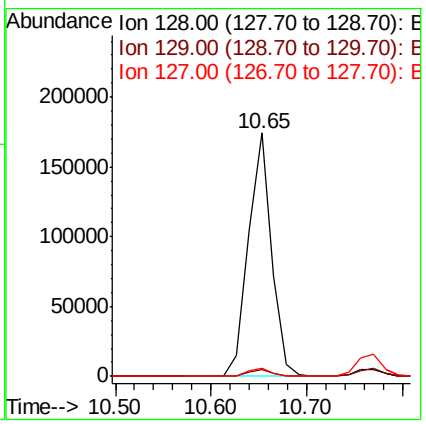


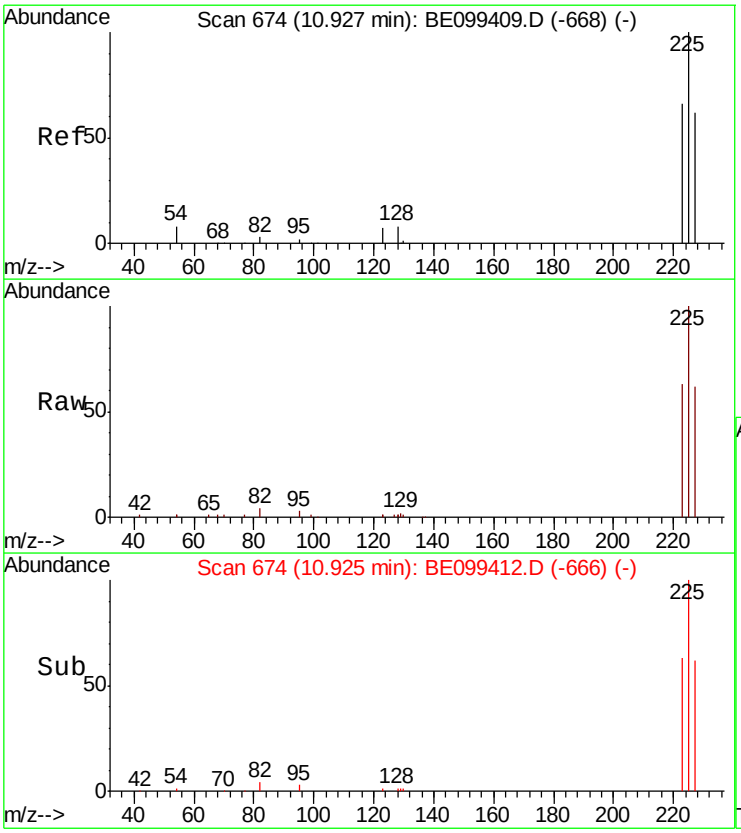

#9
Naphthalene
Concen: 3.260 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:128 Resp: 292311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.4 | 3.6 |
| 127 | 3.2 | 2.8 | 4.2 |

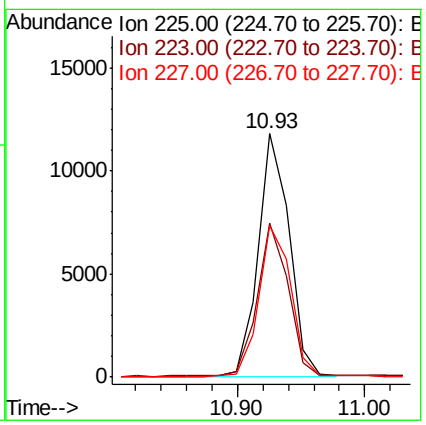


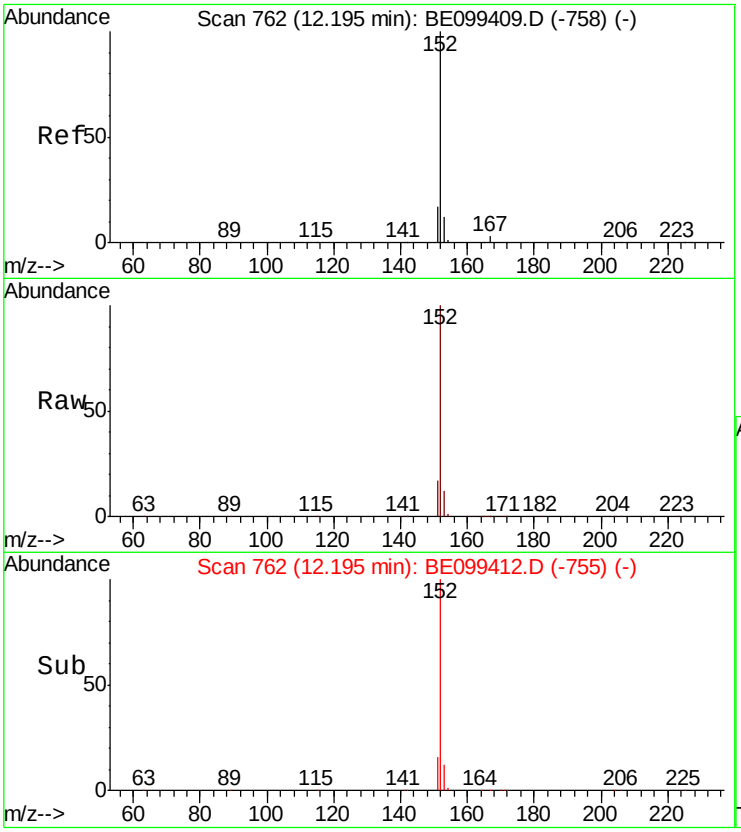




#10
Hexachlorobutadiene
Concen: 3.453 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:225 Resp: 19656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 51.0 | 76.6 |
| 227 | 63.9 | 50.9 | 76.3 |



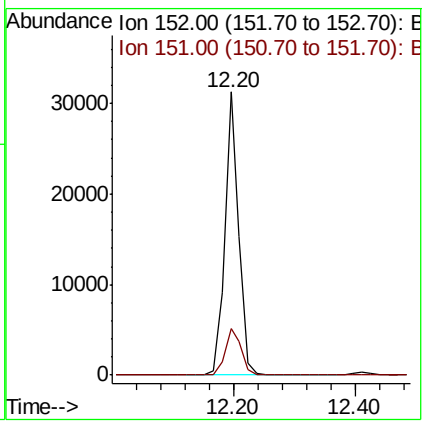


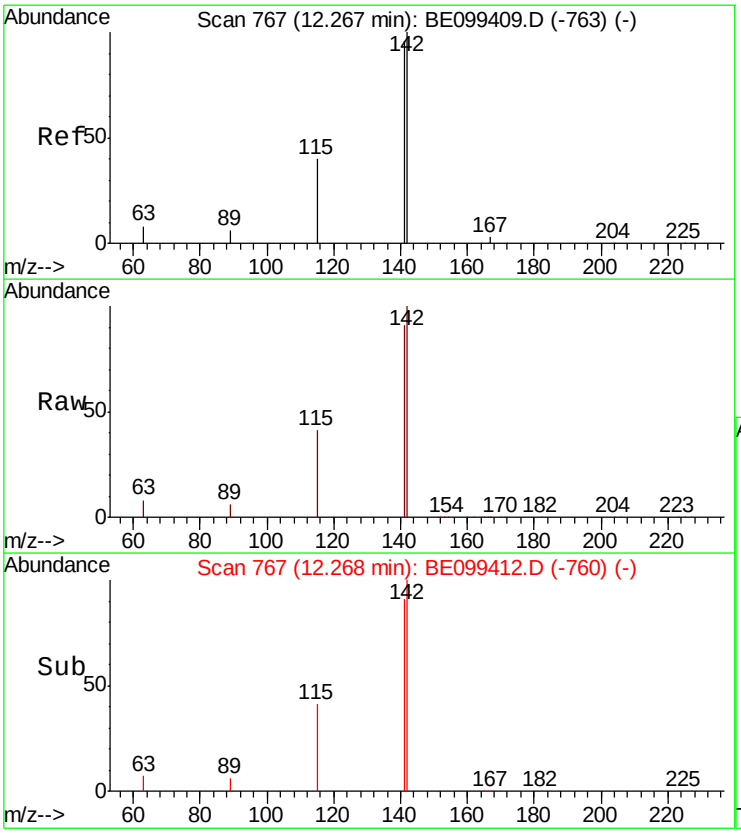

#11
2-Methylnaphthalene-d10
Concen: 3.430 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:152 Resp: 49747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.5 | 23.3 |

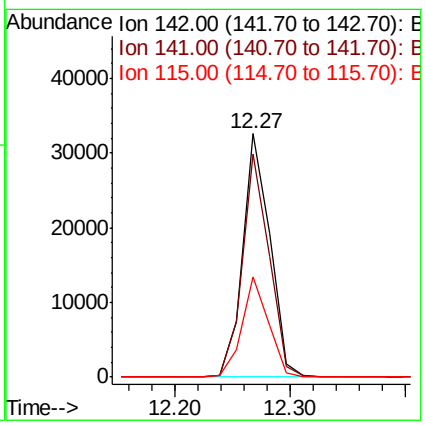


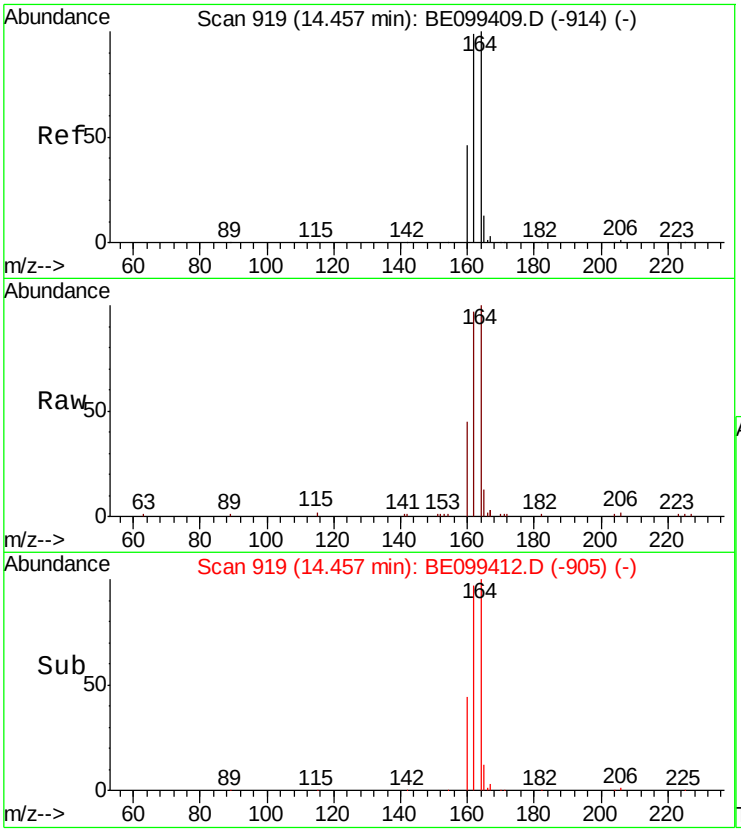




#12
2-Methylnaphthalene
Concen: 3.466 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:142 Resp: 52874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 77.0 | 115.4 |
| 115 | 41.2 | 33.4 | 50.0 |



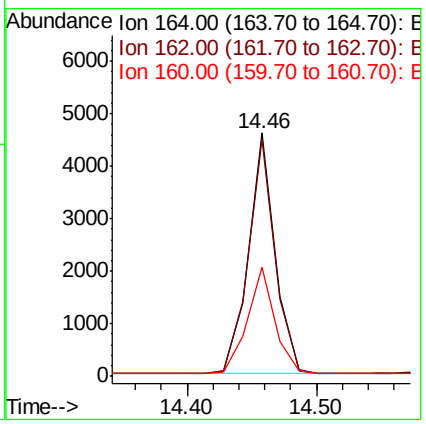


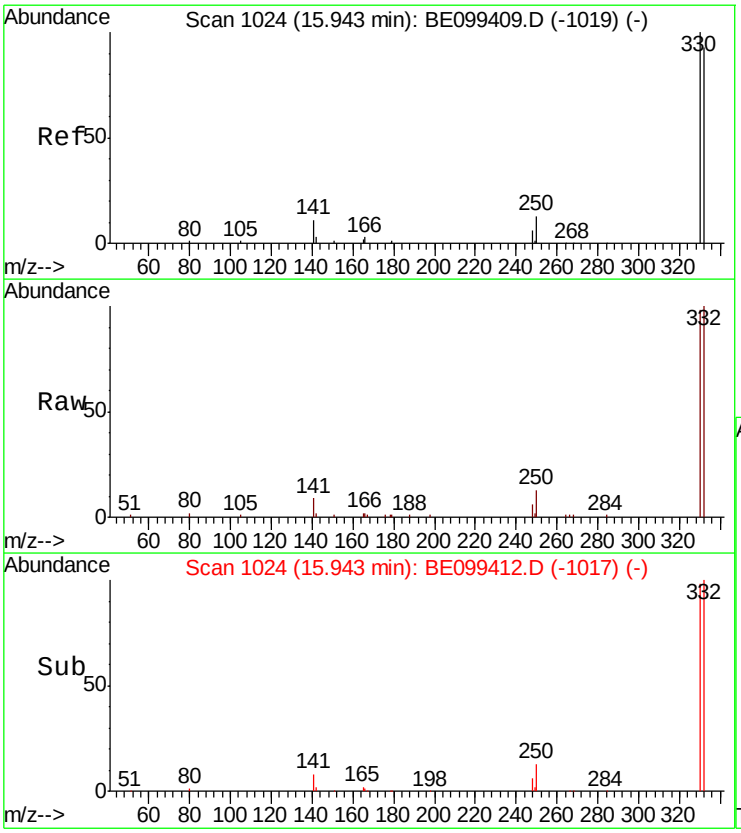

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:164 Resp: 6513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 79.0 | 118.4 |
| 160 | 44.9 | 37.0 | 55.4 |

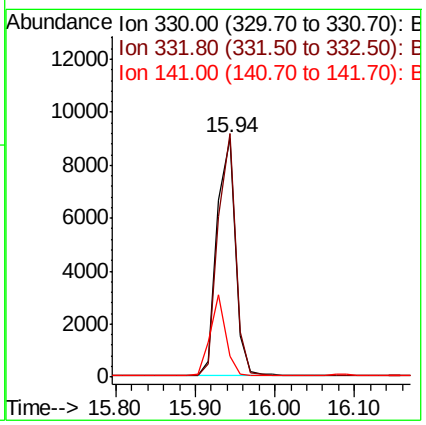


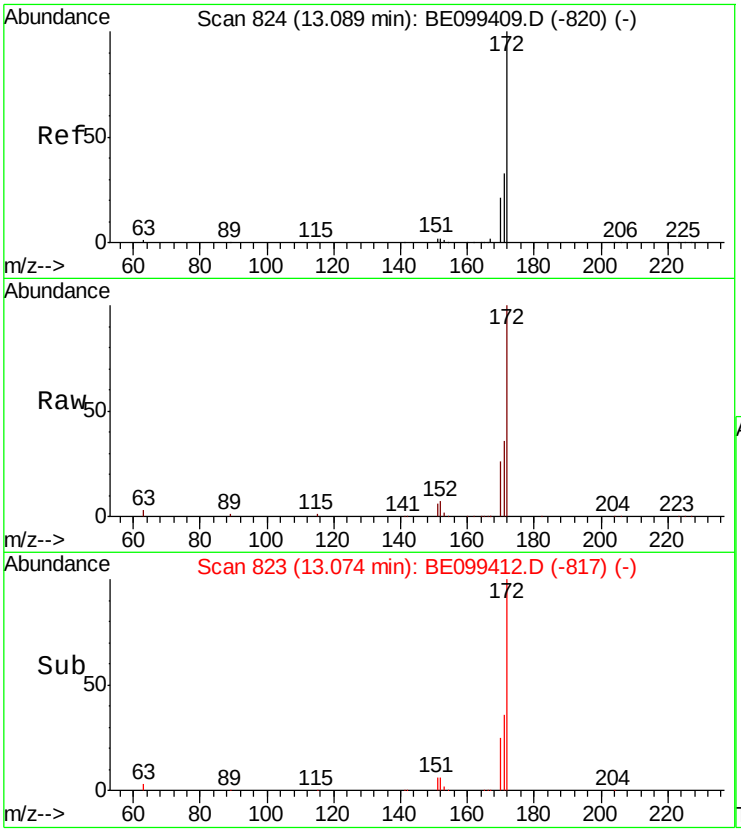




#14
2,4,6-Tribromophenol
Concen: 6.719 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:330 Resp: 14535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 71.5 | 107.3 |
| 141 | 29.0 | 24.0 | 36.0 |



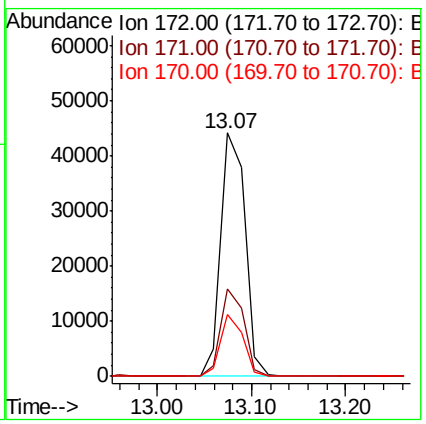


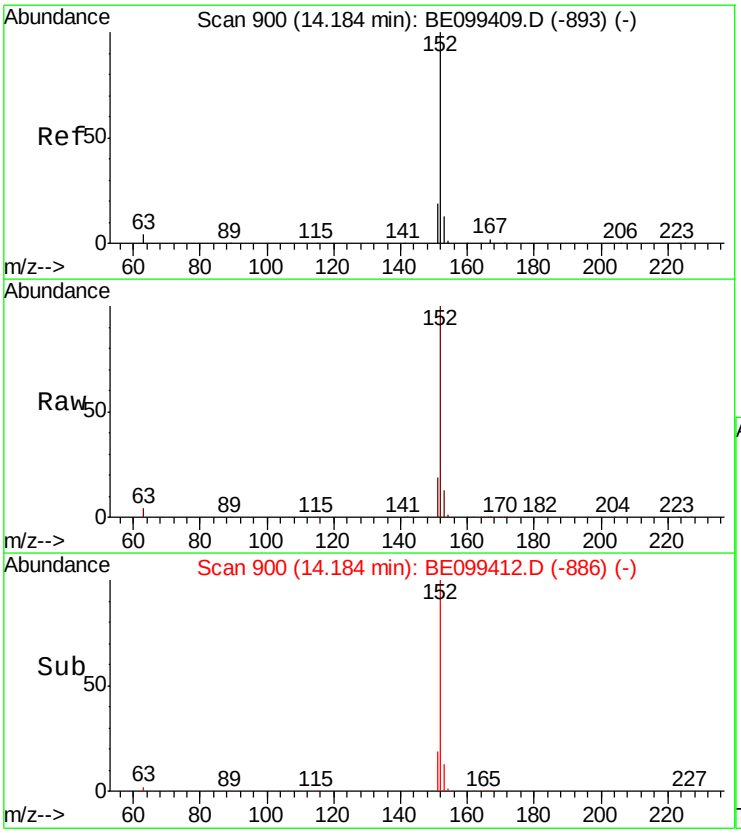

#15
2-Fluorobiphenyl
Concen: 3.076 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:172 Resp: 78753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 26.6 | 39.8 |
| 170 | 25.5 | 17.0 | 25.6 |

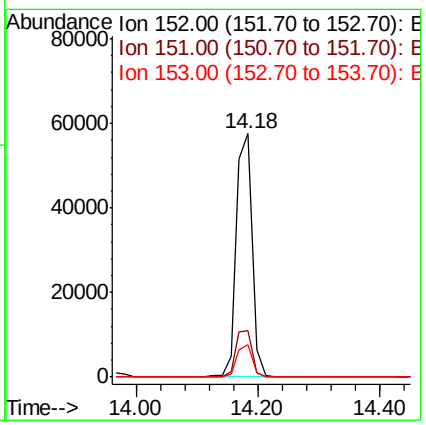


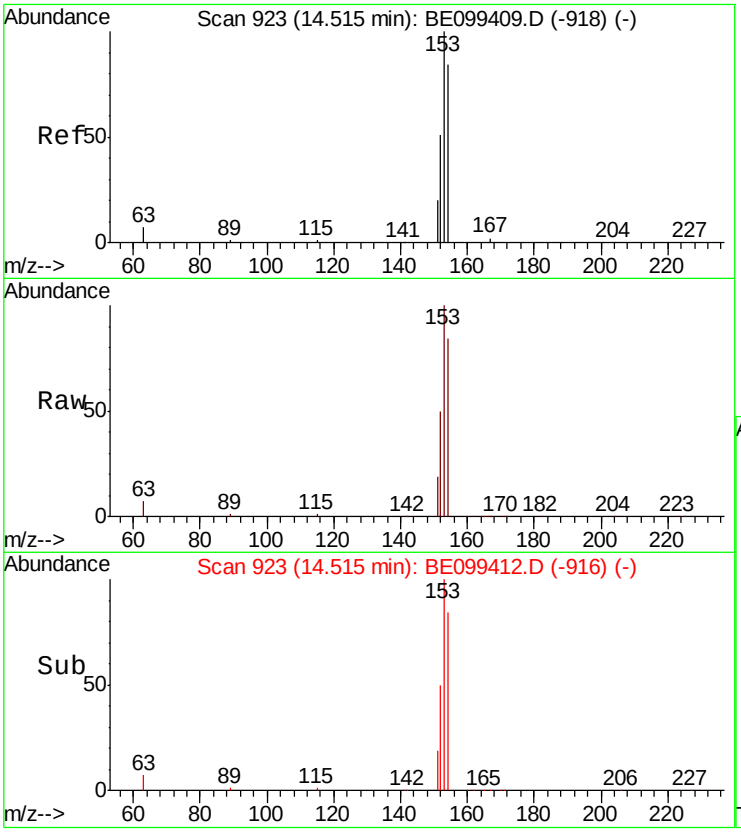




#16
Acenaphthylene
Concen: 3.570 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:152 Resp: 105089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.4 | 23.2 |
| 153 | 13.0 | 9.8 | 14.6 |



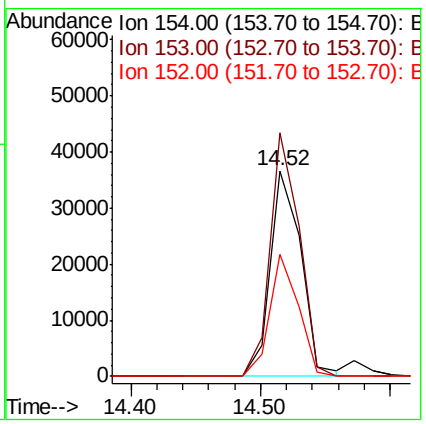


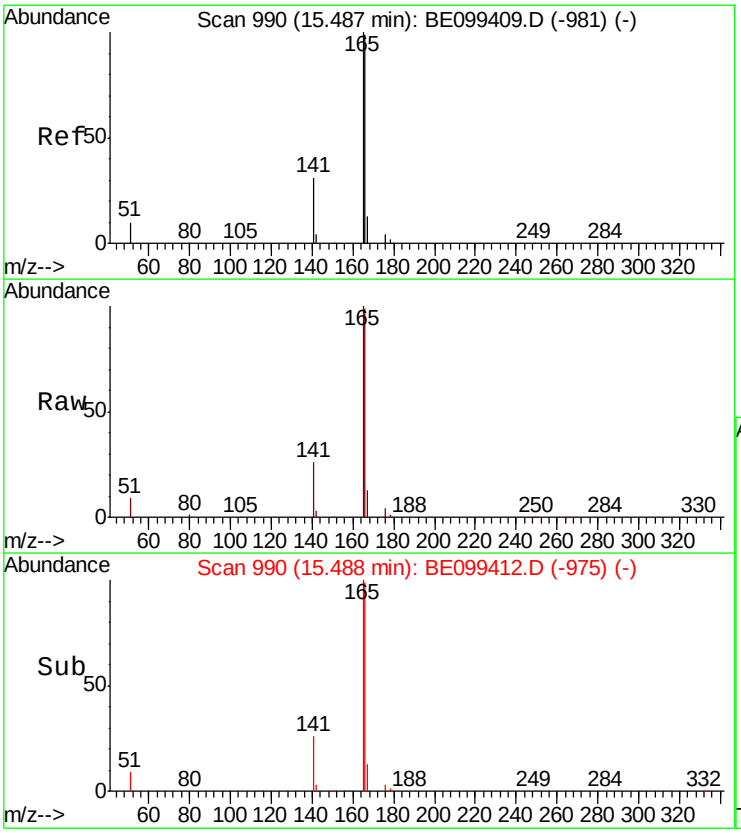

#17
Acenaphthene
Concen: 3.320 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:154 Resp: 60226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 92.6 | 138.8 |
| 152 | 55.9 | 45.8 | 68.8 |

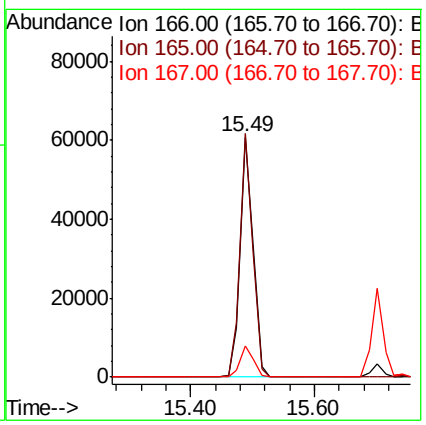


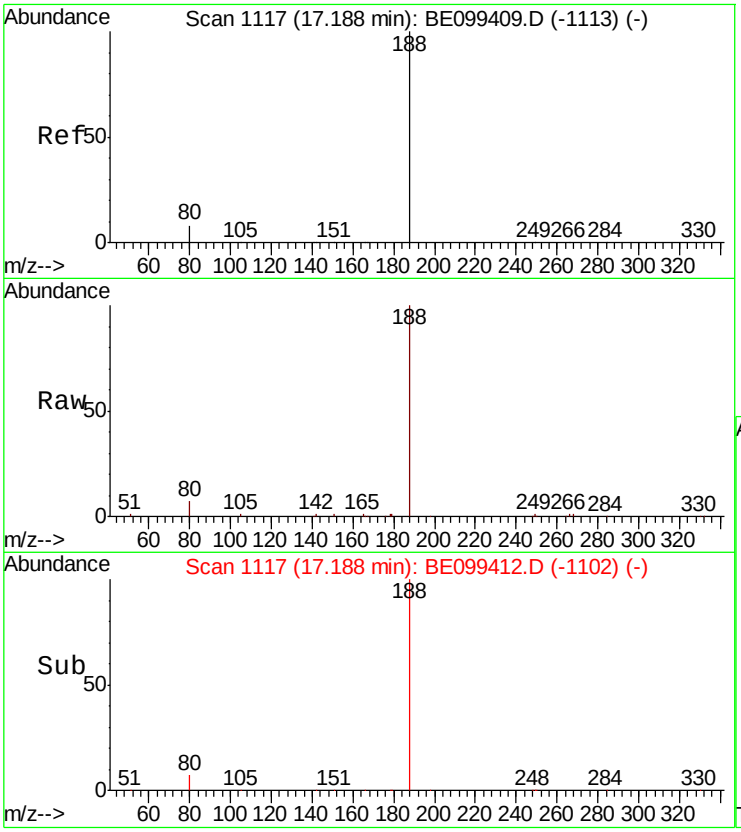




#18
Fluorene
Concen: 3.398 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:166 Resp: 88570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.1 | 80.3 | 120.5 |
| 167 | 13.2 | 10.7 | 16.1 |



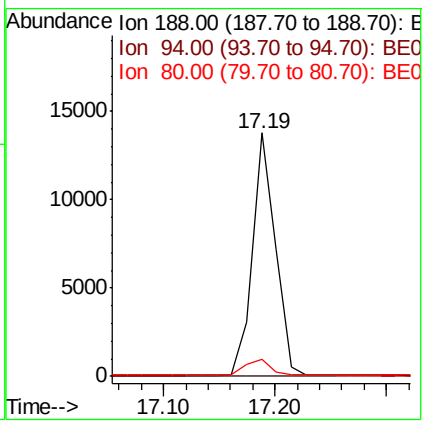


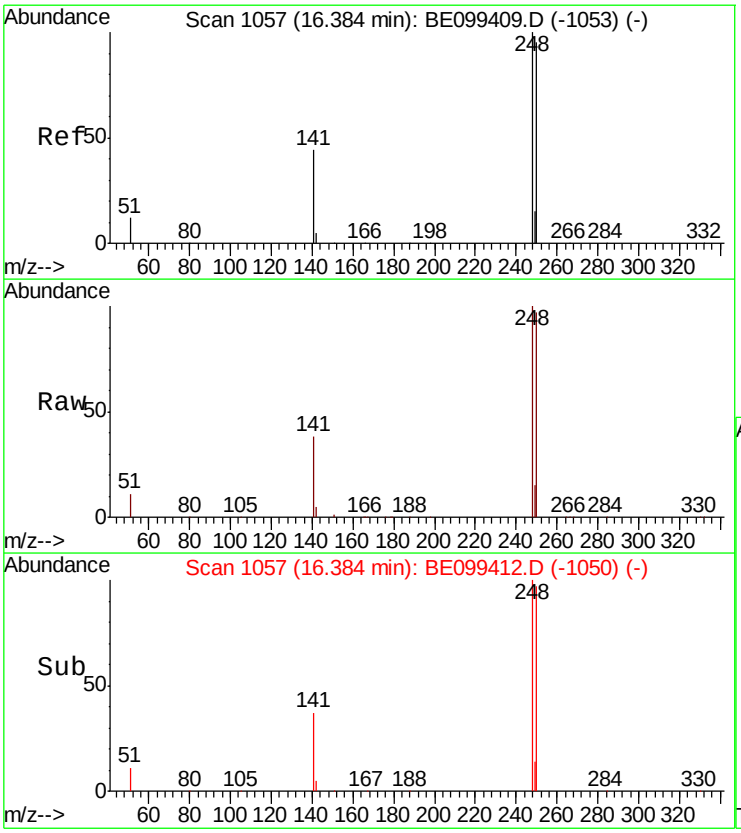

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:188 Resp: 19789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.1 | 6.7 | 10.1 |

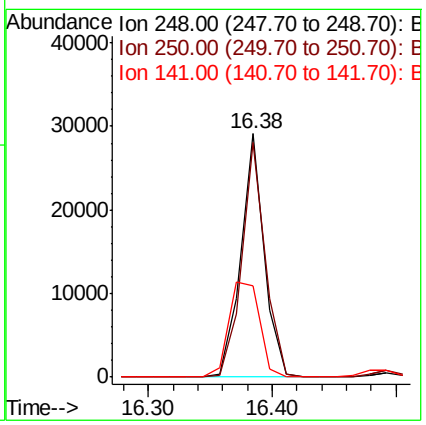


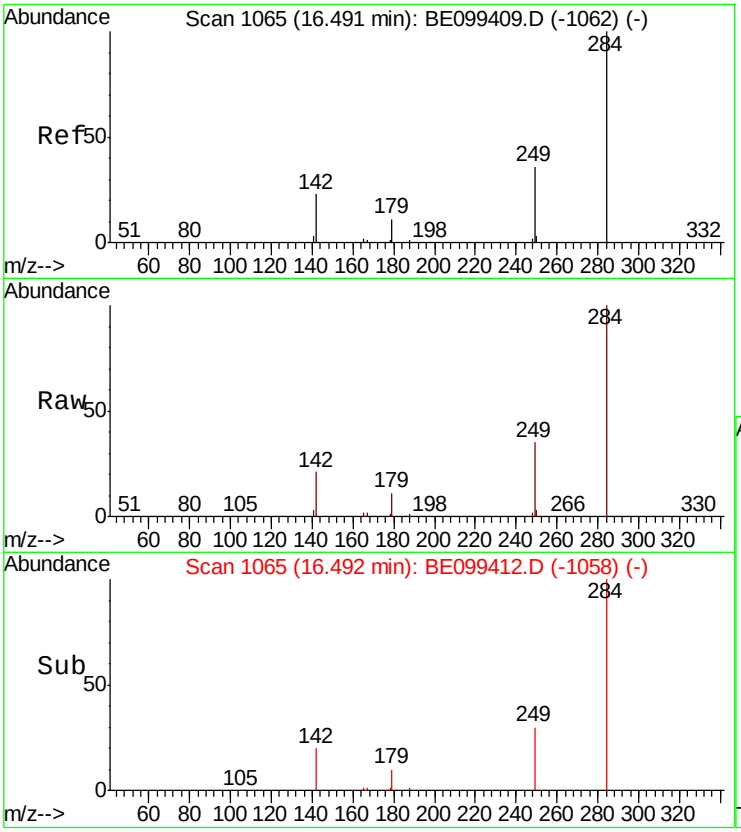




#20
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:248 Resp: 37901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 75.8 | 113.8 |
| 141 | 37.6 | 35.7 | 53.5 |



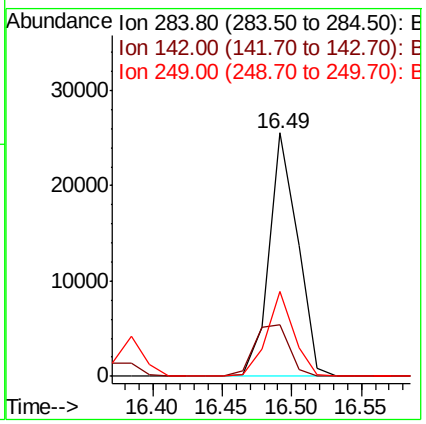


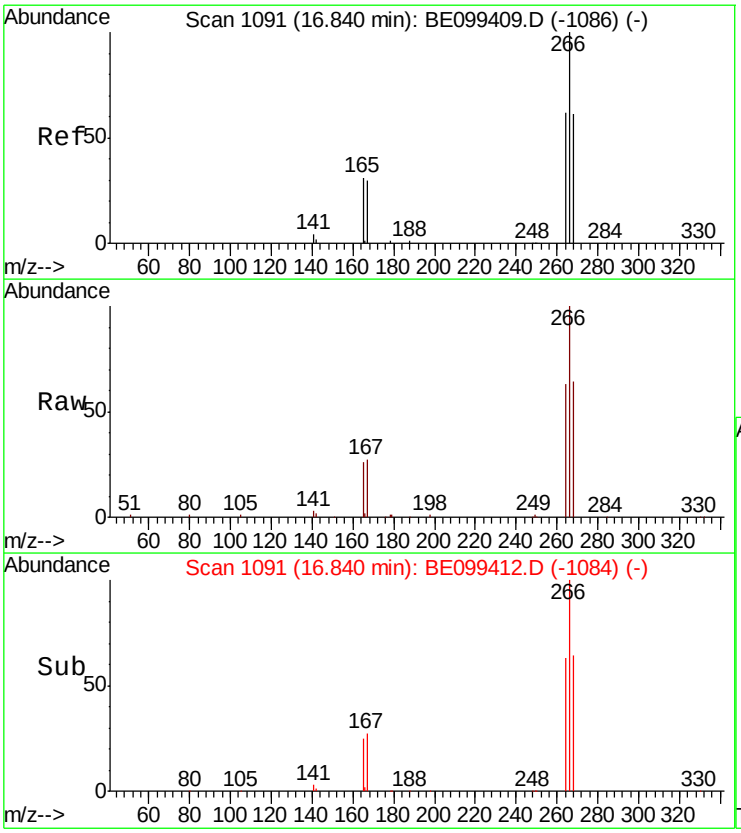

#21
Hexachlorobenzene
Concen: 3.456 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:284 Resp: 36417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 25.6 | 21.0 | 31.6 |
| 249 | 32.9 | 26.7 | 40.1 |

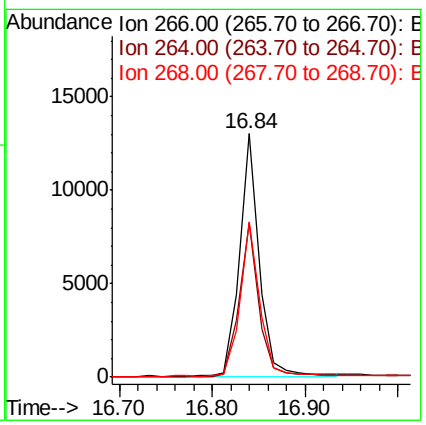


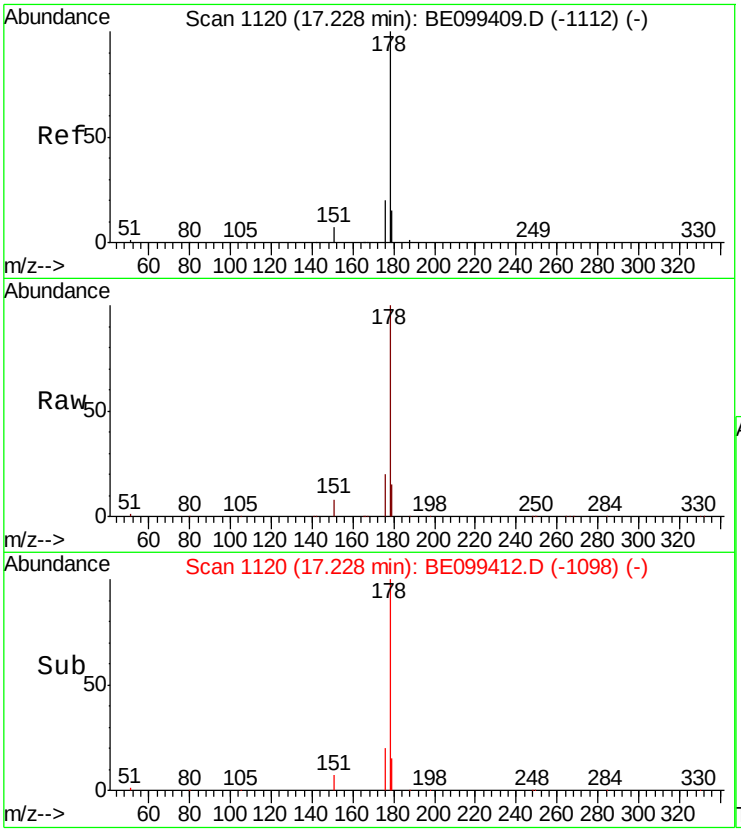




#22
Pentachlorophenol
Concen: 6.603 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:266 Resp: 18759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.2 | 50.8 | 76.2 |
| 268 | 64.0 | 50.5 | 75.7 |



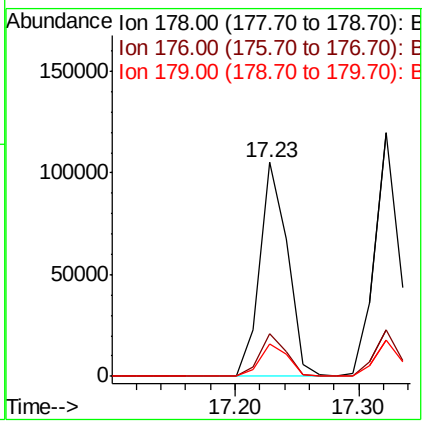


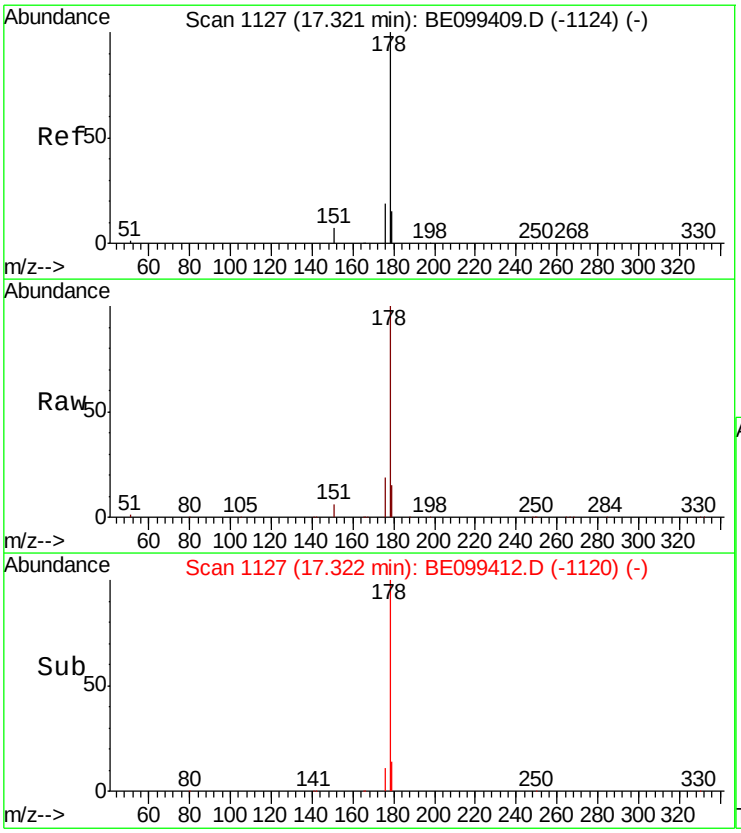

#23
Phenanthrene
Concen: 3.100 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:178 Resp: 162443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 15.4 | 12.0 | 18.0 |

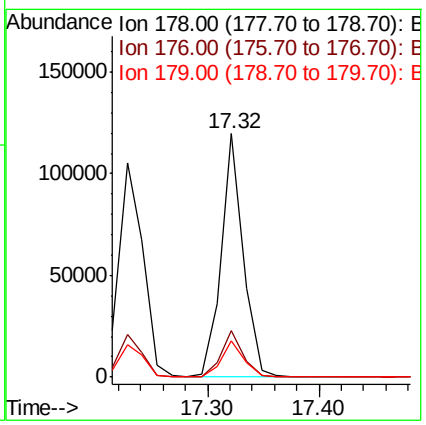


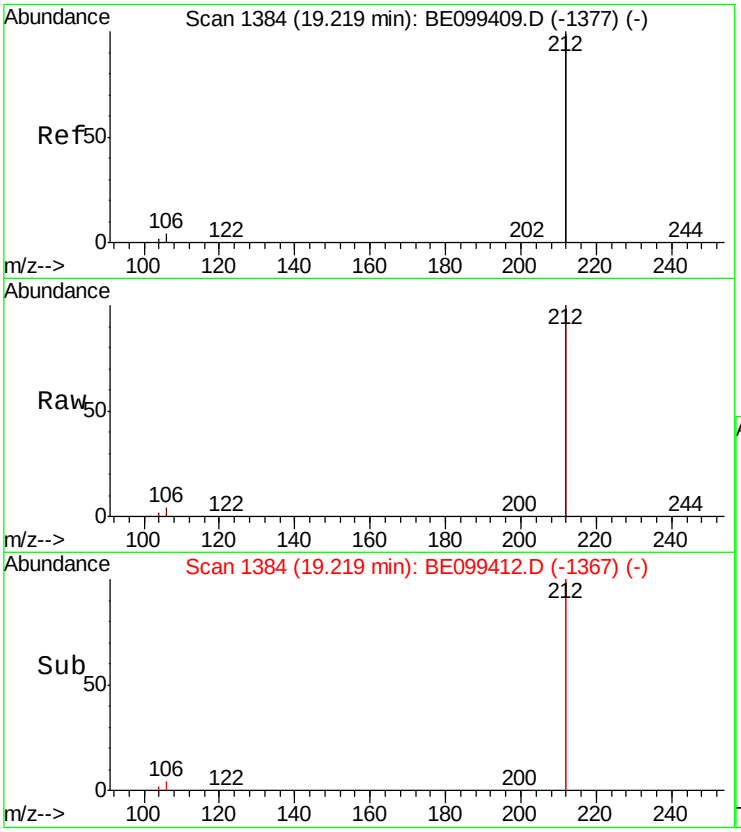




#24
Anthracene
Concen: 3.526 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:178 Resp: 164378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.9 | 22.3 |
| 179 | 15.1 | 11.9 | 17.9 |



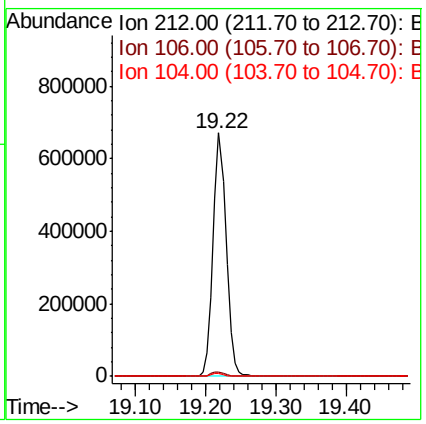


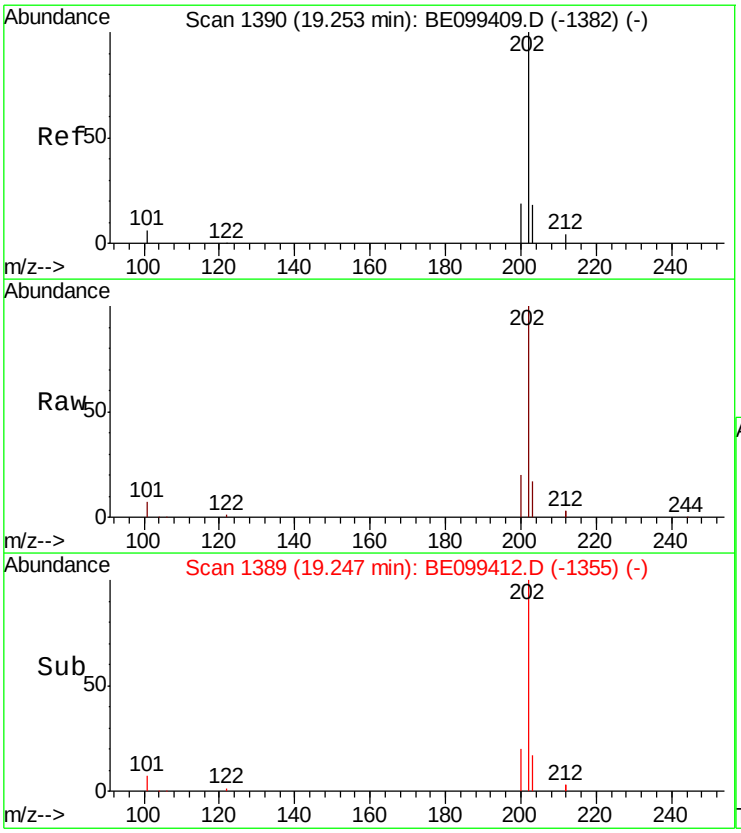

#25
Fluoranthene-d10
Concen: 3.611 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:212 Resp: 858584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.9 | 1.5 | 2.3 |
| 104 | 1.1 | 0.9 | 1.3 |

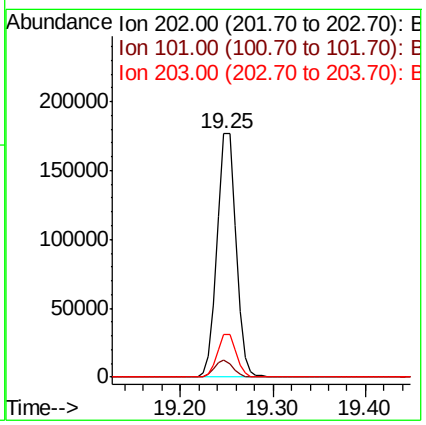


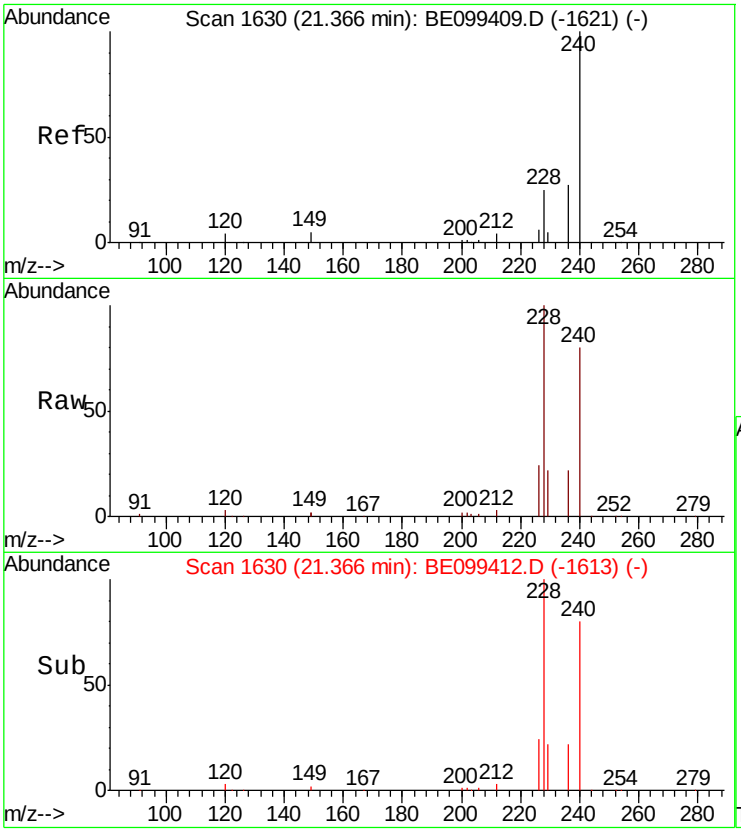




#26
Fluoranthene
Concen: 3.523 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 247124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 5.4 | 8.0 |
| 203 | 17.5 | 13.9 | 20.9 |



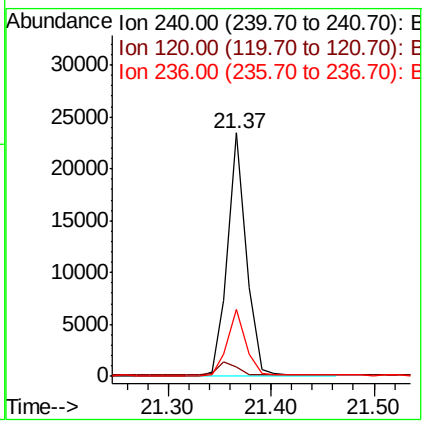


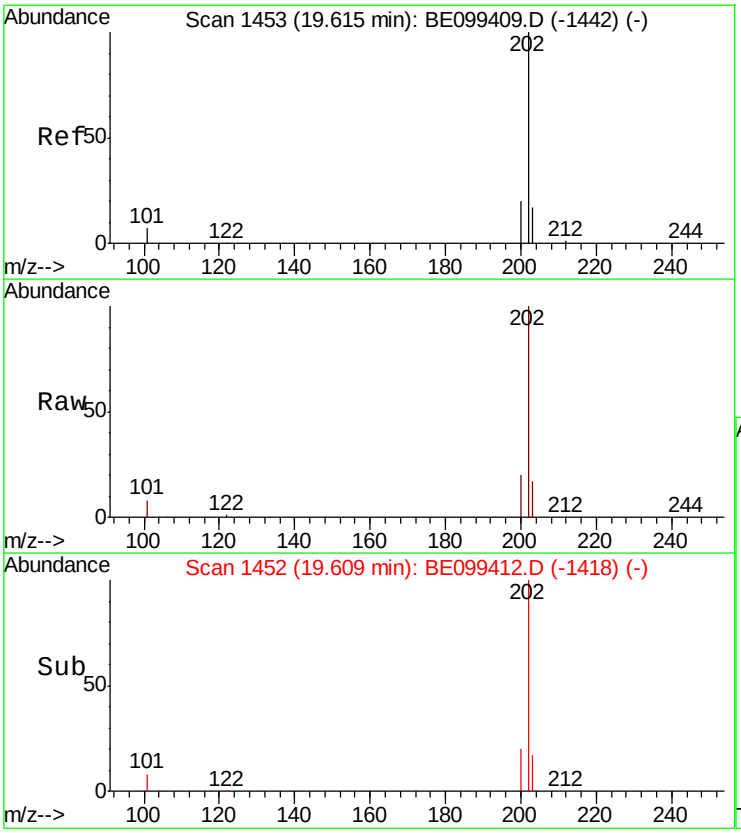

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:240 Resp: 29402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.0 | 4.0 | 6.0 |
| 236 | 27.4 | 22.0 | 33.0 |

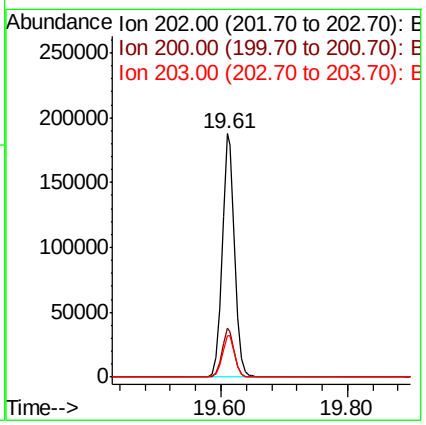


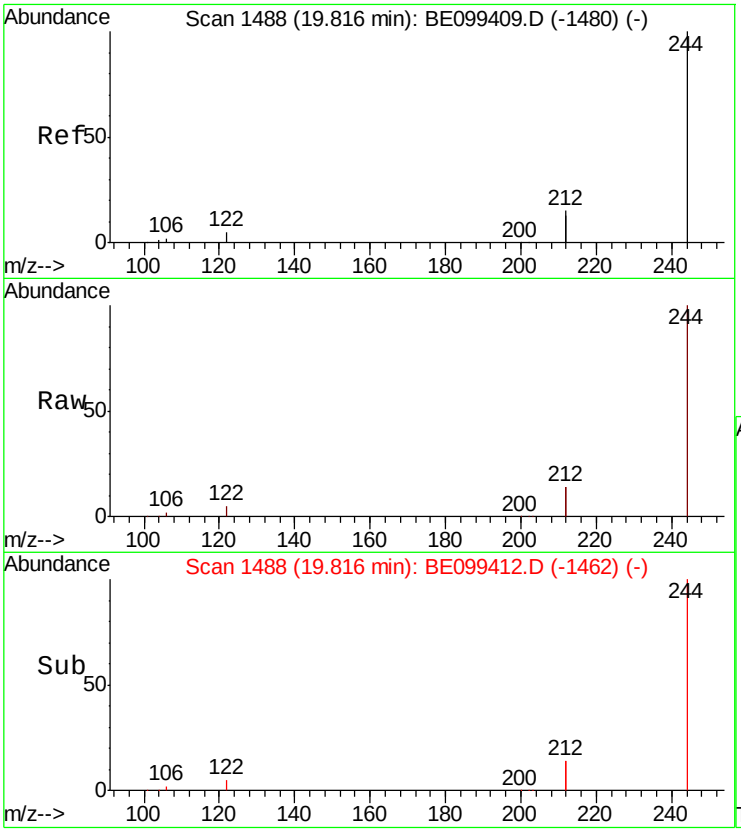




#28
Pyrene
Concen: 2.953 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 255752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.8 | 15.7 | 23.5 |
| 203 | 17.5 | 13.9 | 20.9 |



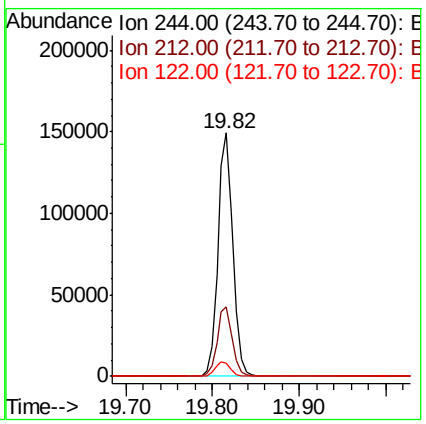


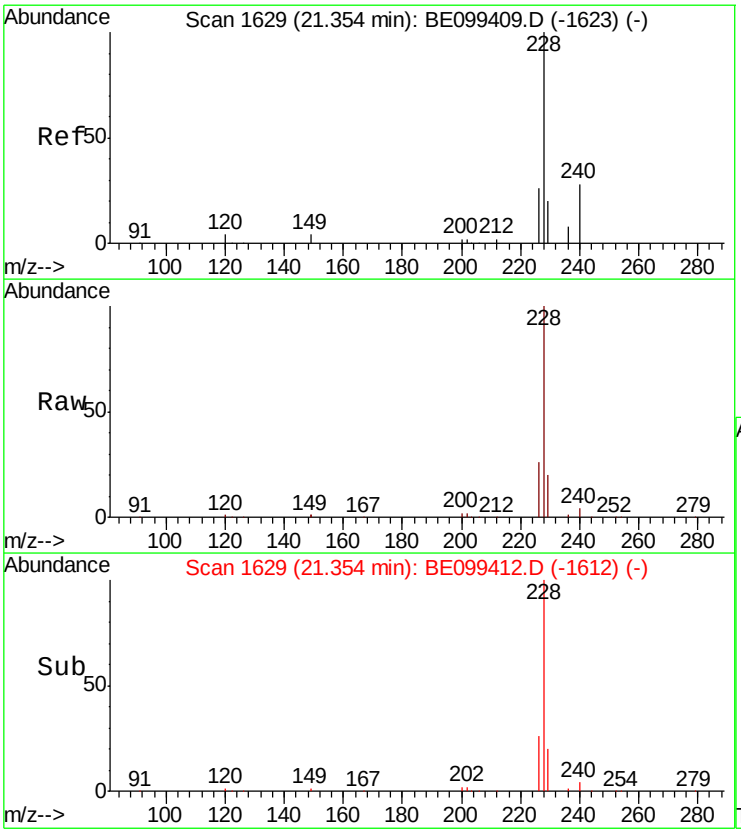

#29
Terphenyl-d14
Concen: 3.097 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:244 Resp: 179238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 28.5 | 23.2 | 34.8 |
| 122 | 5.3 | 4.2 | 6.4 |

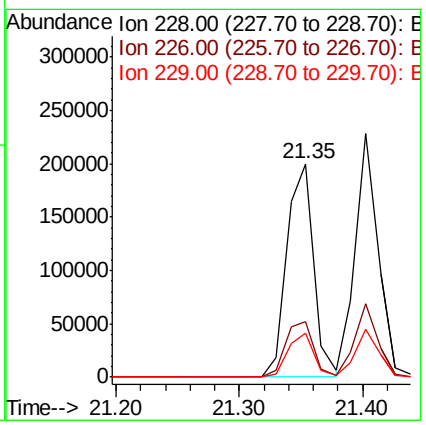


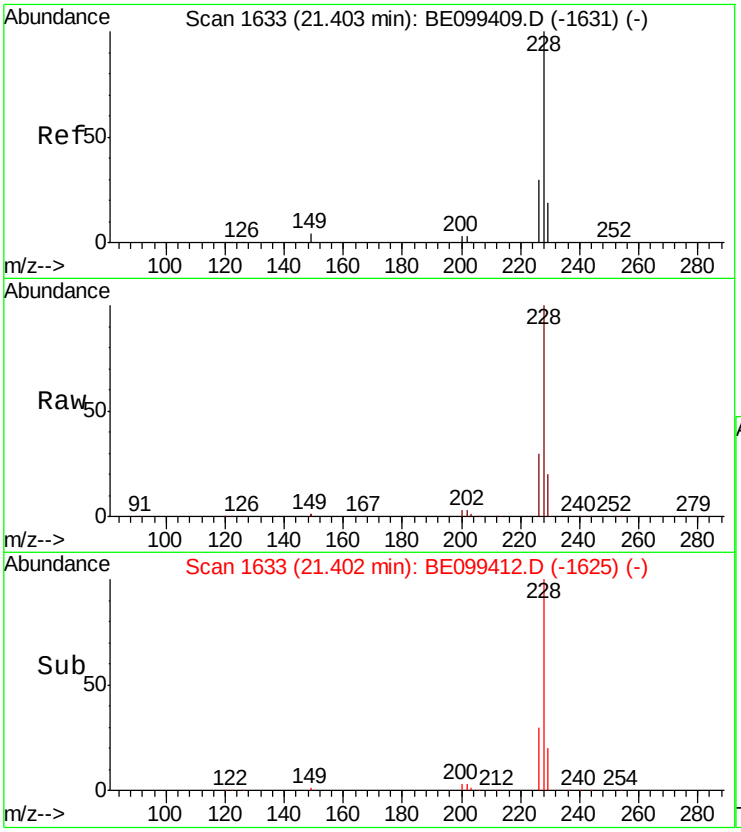




#30
Benzo(a)anthracene
Concen: 3.518 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:228 Resp: 304088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.2 | 21.0 | 31.6 |
| 229 | 20.4 | 16.6 | 25.0 |



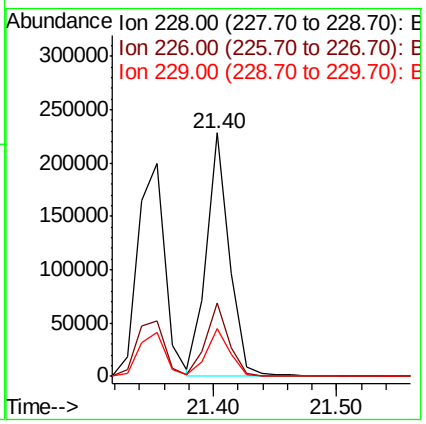


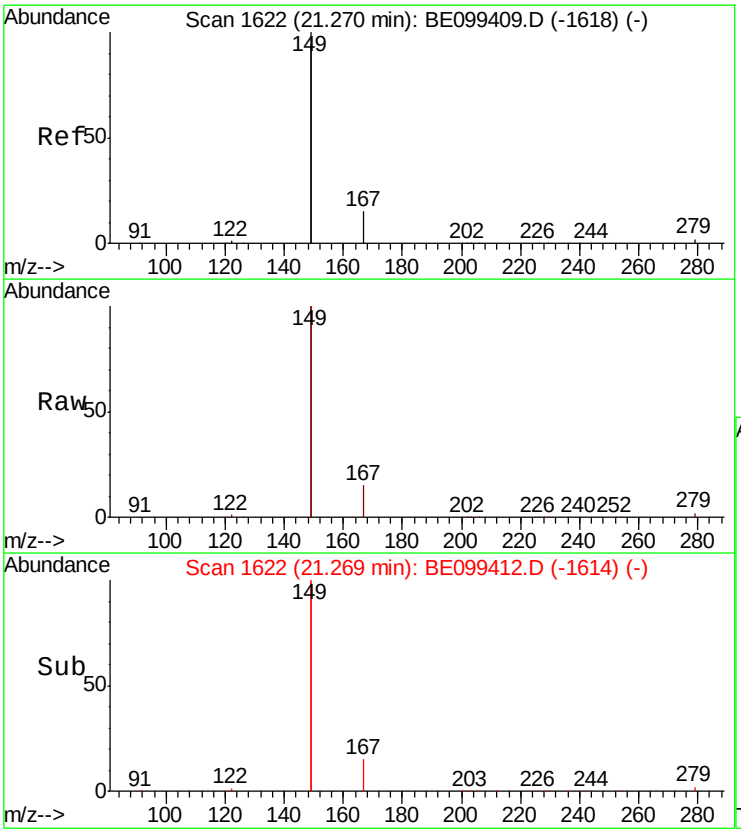

#31
Chrysene
Concen: 3.191 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:228 Resp: 293510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.0 | 36.0 |
| 229 | 19.8 | 15.8 | 23.8 |

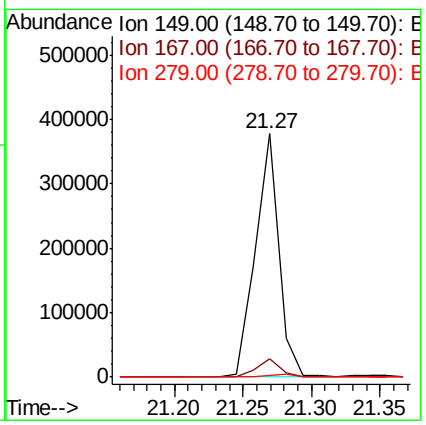


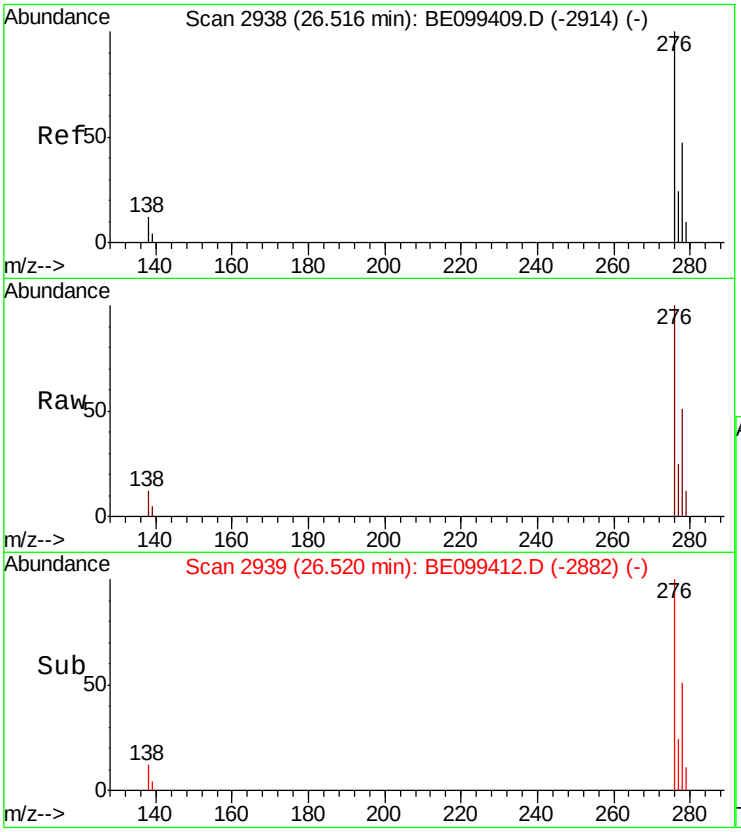




#32
Bis(2-ethylhexyl)phthalate
Concen: 5.647 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:149 Resp: 444170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.5 | 5.8 | 8.6 |
| 279 | 1.3 | 1.0 | 1.6 |



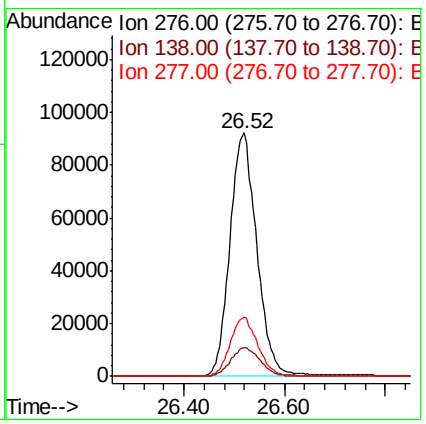


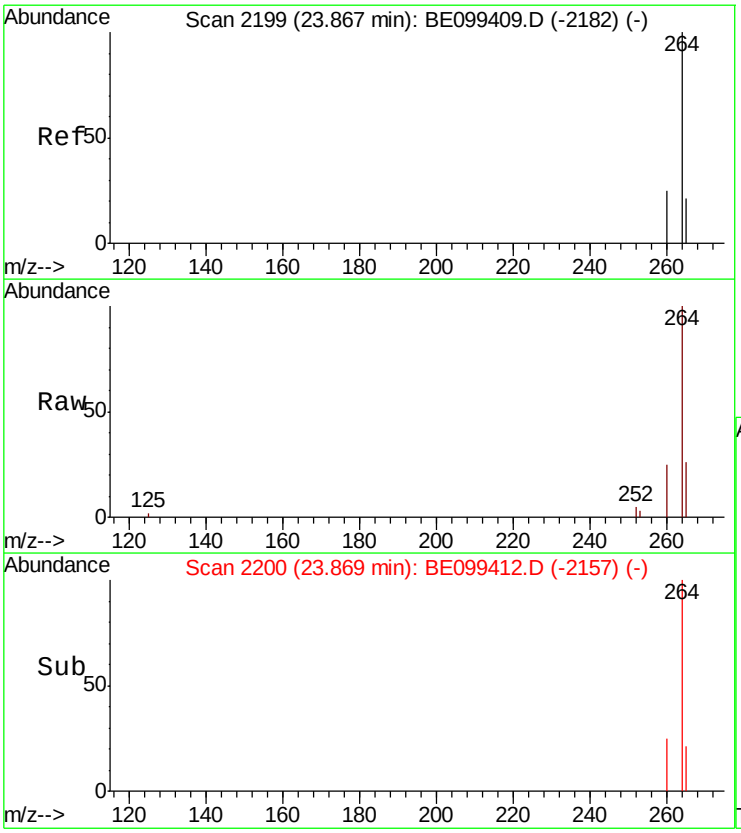

#33
Indeno(1,2,3-cd)pyrene
Concen: 3.778 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:276 Resp: 343149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.6 | 10.2 | 15.2 |
| 277 | 24.7 | 19.2 | 28.8 |

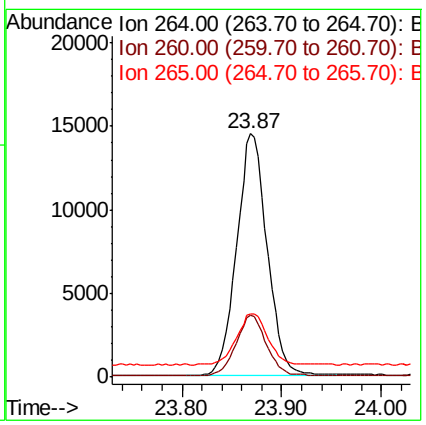


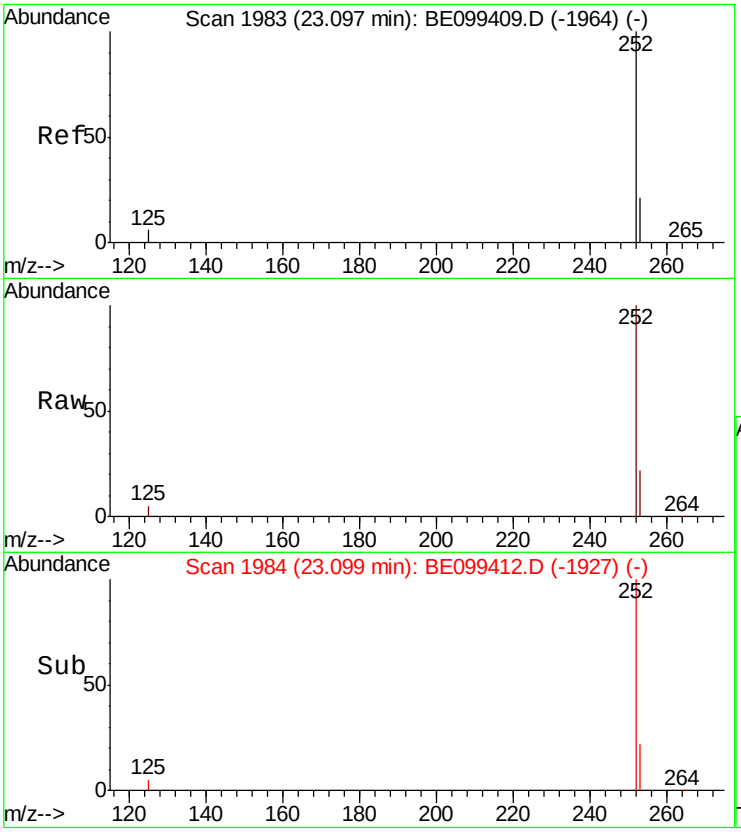




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:264 Resp: 30634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 20.2 | 30.2 |
| 265 | 26.0 | 21.3 | 31.9 |



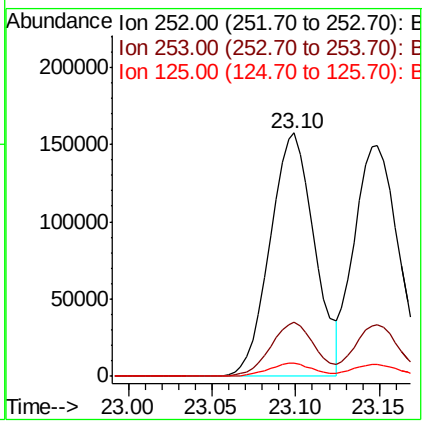


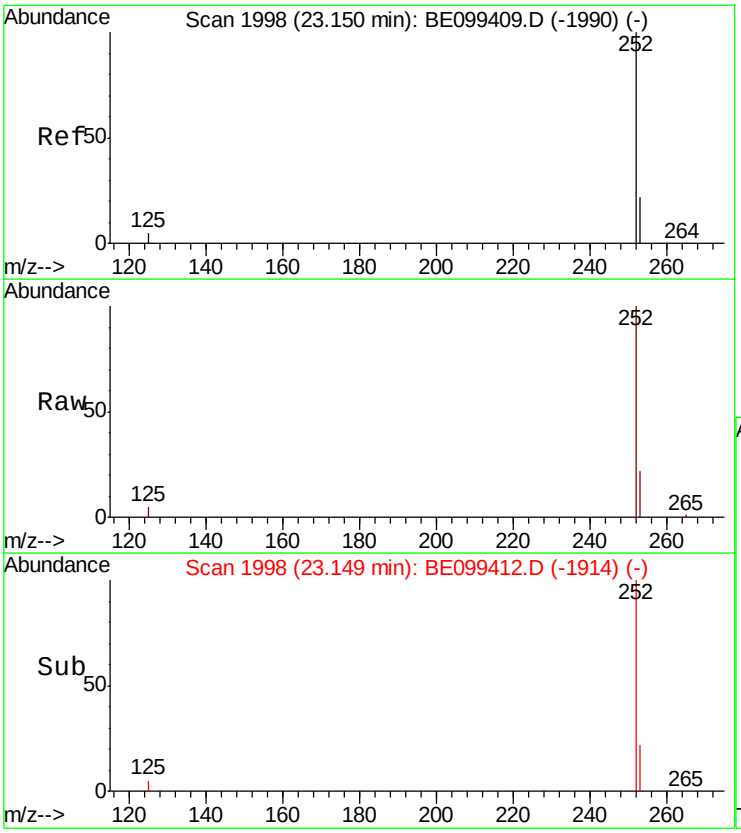

#35
Benzo(b)fluoranthene
Concen: 3.109 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:252 Resp: 291591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.1 | 27.1 |
| 125 | 5.3 | 5.6 | 8.4# |

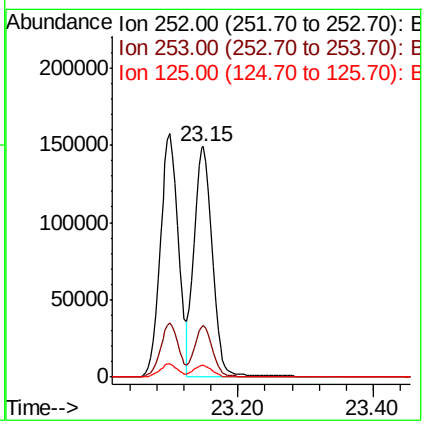


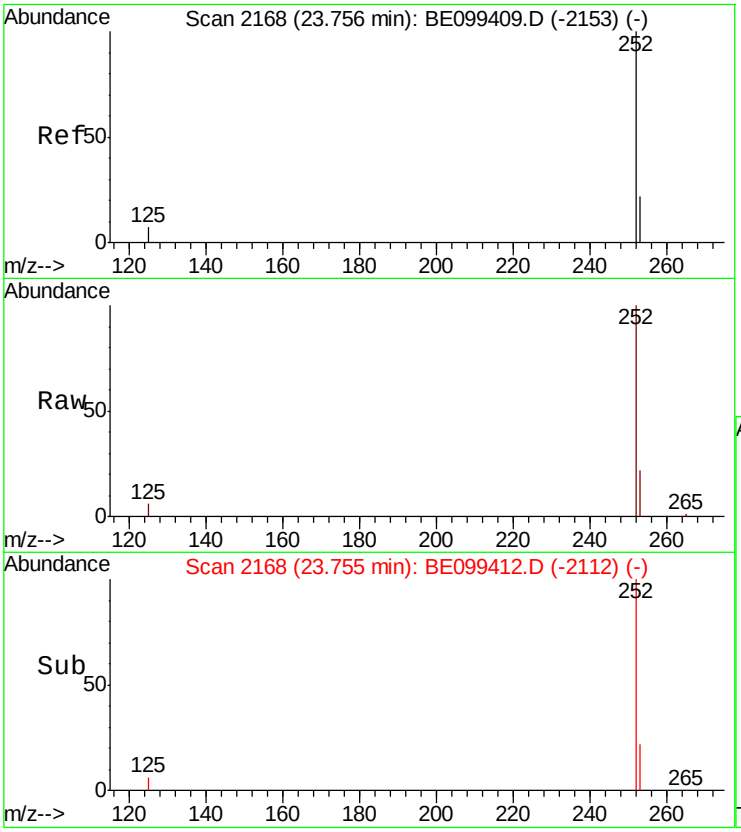




#36
Benzo(k)fluoranthene
Concen: 2.994 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:252 Resp: 279895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.4 | 27.6 |
| 125 | 5.2 | 5.0 | 7.4 |



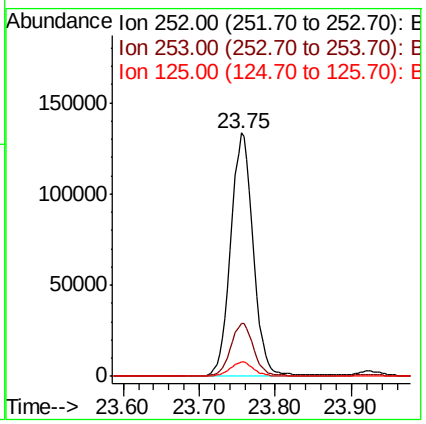


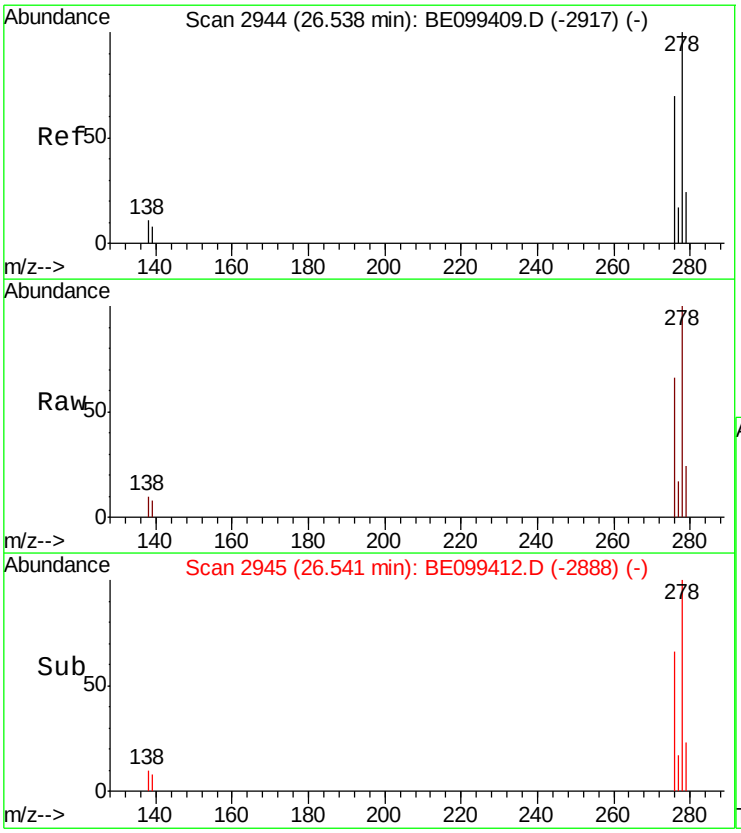

#37
Benzo(a)pyrene
Concen: 3.262 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:252 Resp: 274058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.9 | 28.3 |
| 125 | 5.9 | 6.7 | 10.1# |

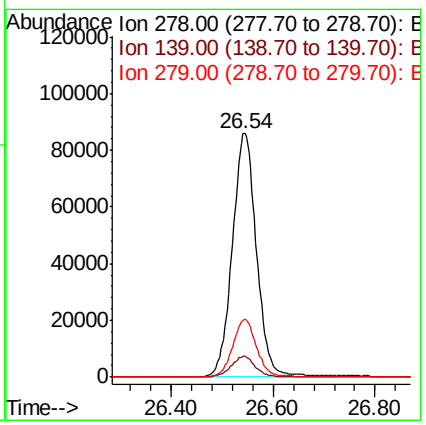


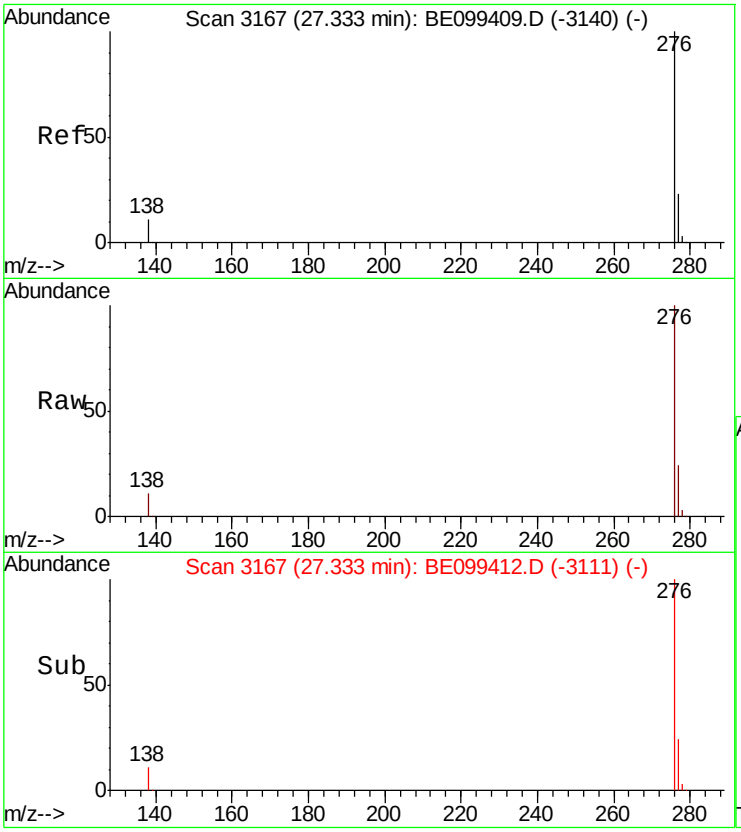




#38
Dibenzo(a,h)anthracene
Concen: 3.290 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:278 Resp: 282419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.4 | 7.7 | 11.5 |
| 279 | 23.6 | 20.2 | 30.2 |






#39
Benzo(g,h,i)perylene
Concen: 3.209 ng
RT: 27.33 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

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

Tgt Ion:276 Resp: 279455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.5 | 29.3 |
| 138 | 10.9 | 9.6 | 14.4 |