Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
Data File : BE098545.D
Acq On : 20 Dec 2018 18:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 05:03:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 934 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.64 | 136 | 4515 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.51 | 164 | 3389 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.26 | 188 | 10460 | 0.40 | ng | | -0.02 |
| 27) Chrysene-d12 | 21.45 | 240 | 15215 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.98 | 264 | 12920 | 0.40 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 862 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.03 | 99 | 1470 | 0.47 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 1531 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 3122 | 0.43 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.01 | 330 | 615 | 0.49 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 5166 | 0.36 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 61555 | 0.46 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.89 | 244 | 13066 | 0.35 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 627 | 0.388 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.69 | 42 | 461 | 0.317 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.28 | 93 | 1028 | 0.349 | ng | | 97 |
| 9) Naphthalene | 10.69 | 128 | 18213 | 0.401 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.98 | 225 | 1223 | 0.423 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.32 | 142 | 3026 | 0.410 | ng | | 97 |
| 16) Acenaphthylene | 14.23 | 152 | 5918 | 0.373 | ng | | 99 |
| 17) Acenaphthene | 14.57 | 154 | 3840 | 0.403 | ng | | 99 |
| 18) Fluorene | 15.55 | 166 | 5315 | 0.416 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1991 | 0.354 | ng | | 90 |
| 21) Hexachlorobenzene | 16.57 | 284 | 2363 | 0.390 | ng | | 96 |
| 22) Pentachlorophenol | 16.92 | 266 | 685 | 0.647 | ng | | 97 |
| 23) Phenanthrene | 17.30 | 178 | 10239 | 0.403 | ng | | 98 |
| 24) Anthracene | 17.40 | 178 | 8440 | 0.372 | ng | | 99 |
| 26) Fluoranthene | 19.32 | 202 | 15293 | 0.455 | ng | | 99 |
| 28) Pyrene | 19.68 | 202 | 16389 | 0.343 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.43 | 228 | 17327 | 0.400 | ng | | 98 |
| 31) Chrysene | 21.49 | 228 | 17162 | 0.378 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.35 | 149 | 34801 | 0.395 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.66 | 276 | 14773 | 0.327 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.20 | 252 | 14759 | 0.418 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.25 | 252 | 16977 | 0.412 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.87 | 252 | 14360 | 0.394 | ng | | 96 |
| 38) Dibenzo(a,h)anthracene | 26.68 | 278 | 12209 | 0.356 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.48 | 276 | 12422 | 0.359 | ng | | 96 |

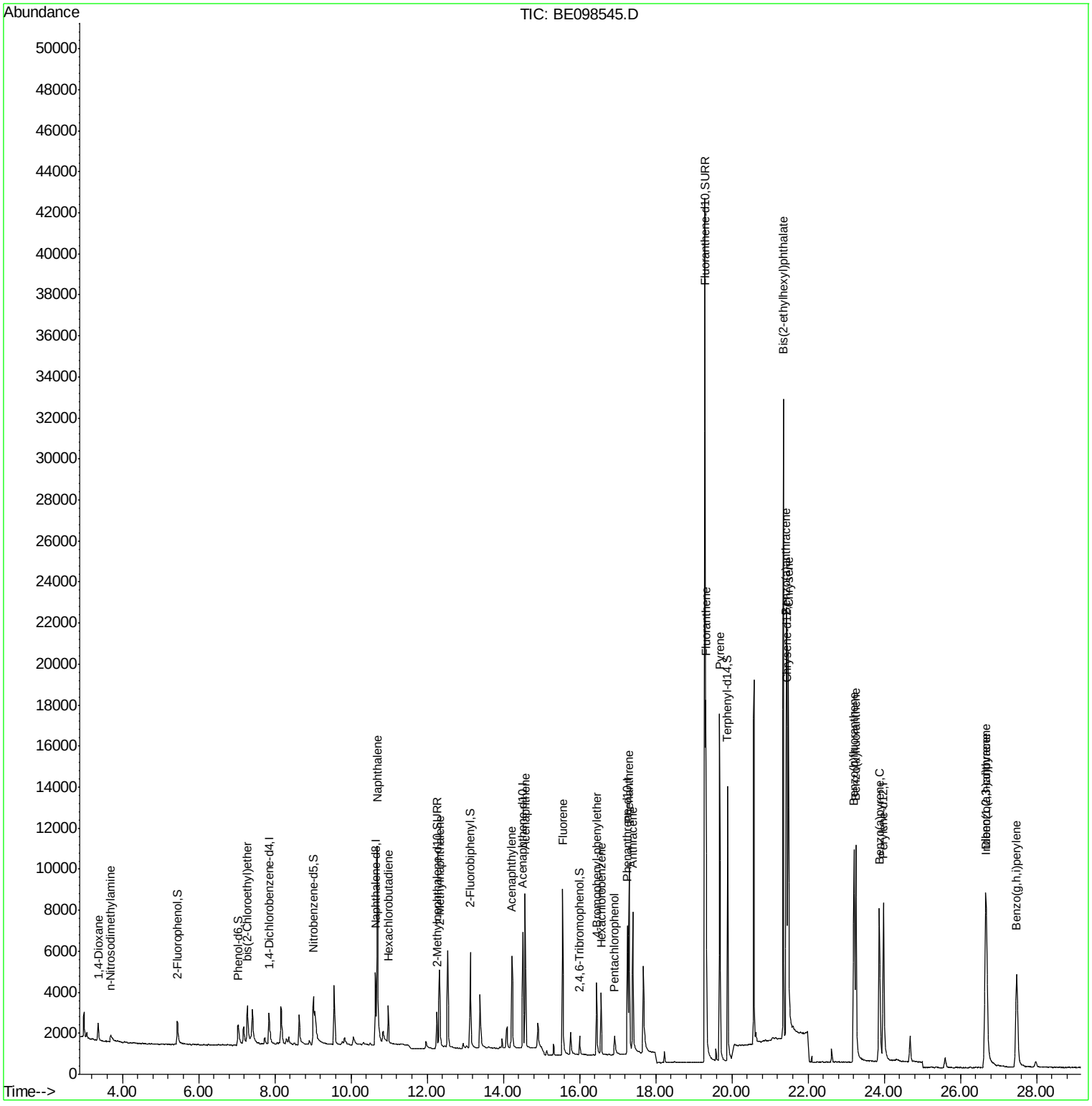
(#) = qualifier out of range (m) = manual integration (+) = signals summed

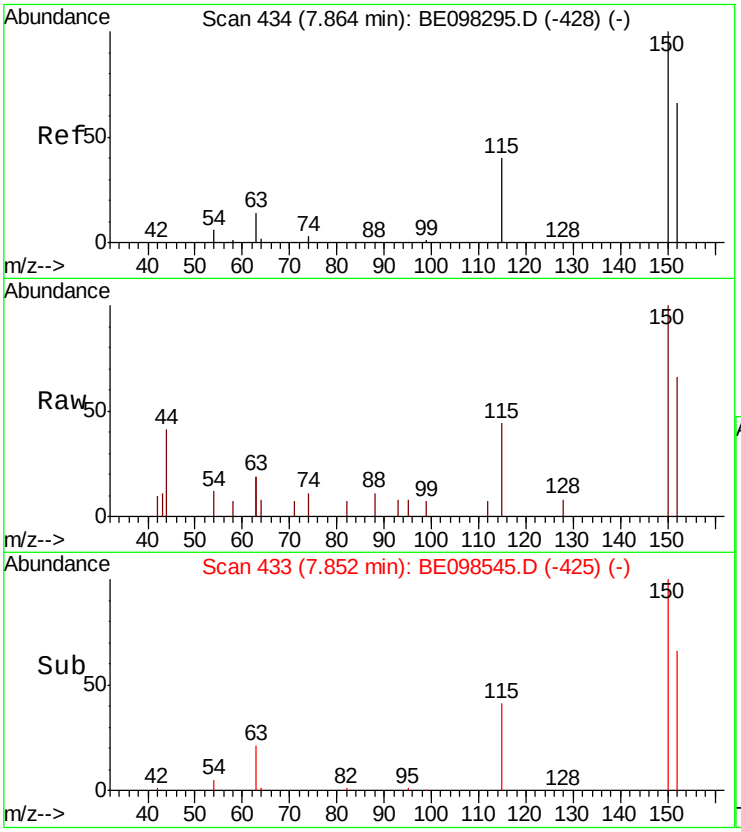
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
Data File : BE098545.D
Acq On : 20 Dec 2018 18:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 05:03:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



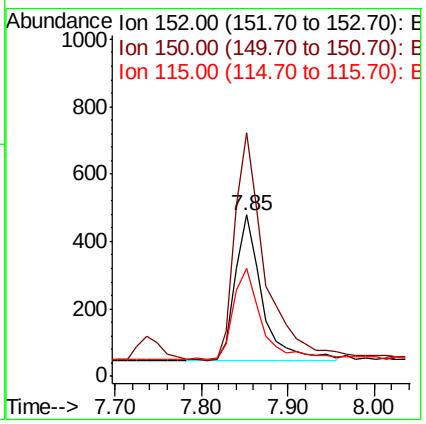


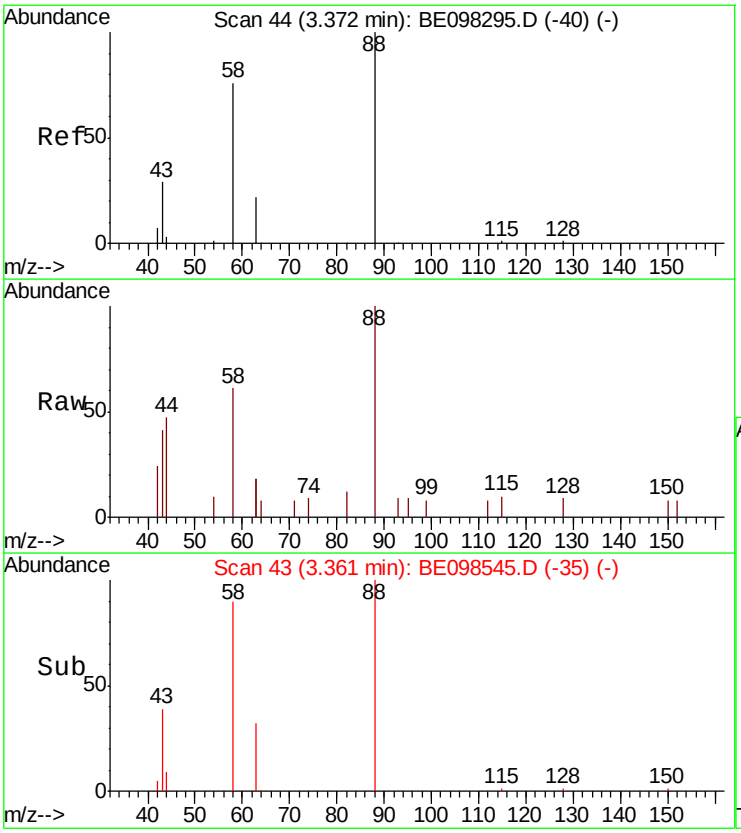

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:152 Resp: 934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.7 | 124.2 | 186.4 |
| 115 | 66.6 | 53.9 | 80.9 |

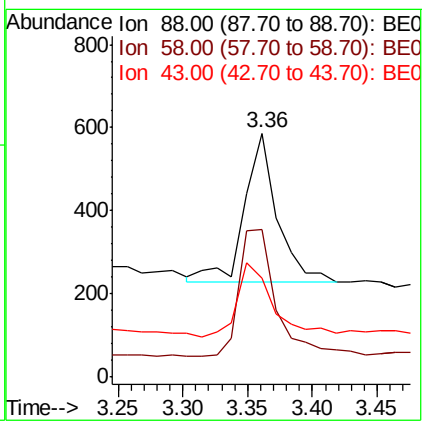


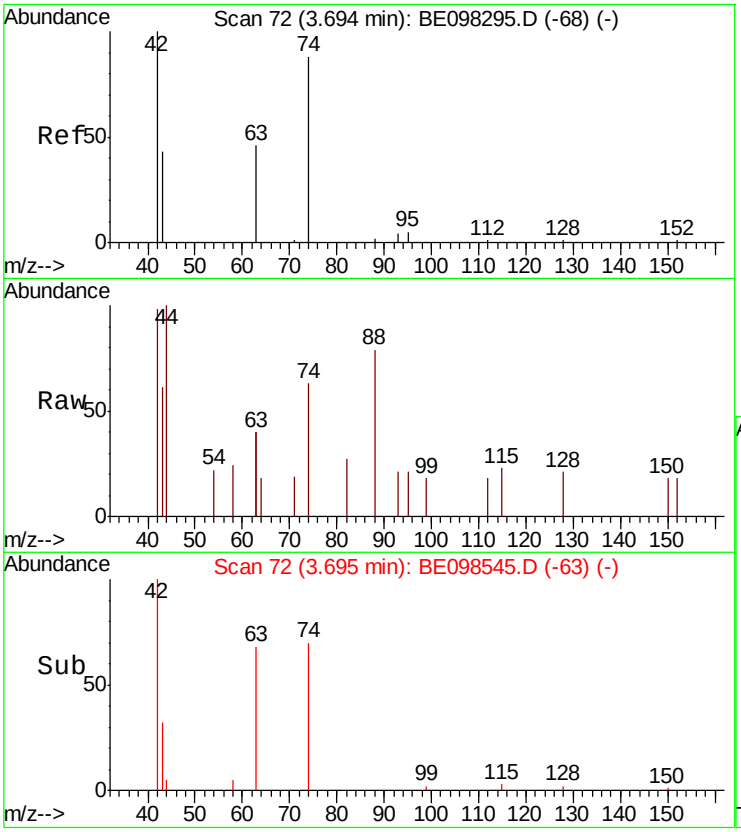




#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 88 Resp: 627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.0 | 75.0 | 112.6 |
| 43 | 54.7 | 38.3 | 57.5 |



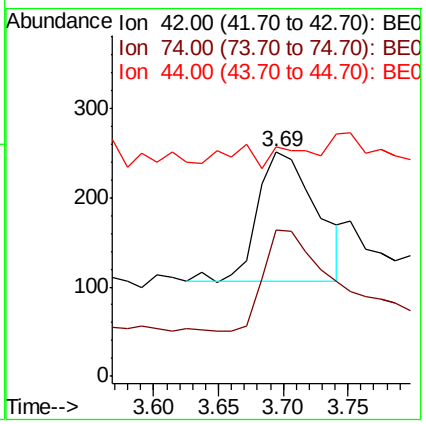


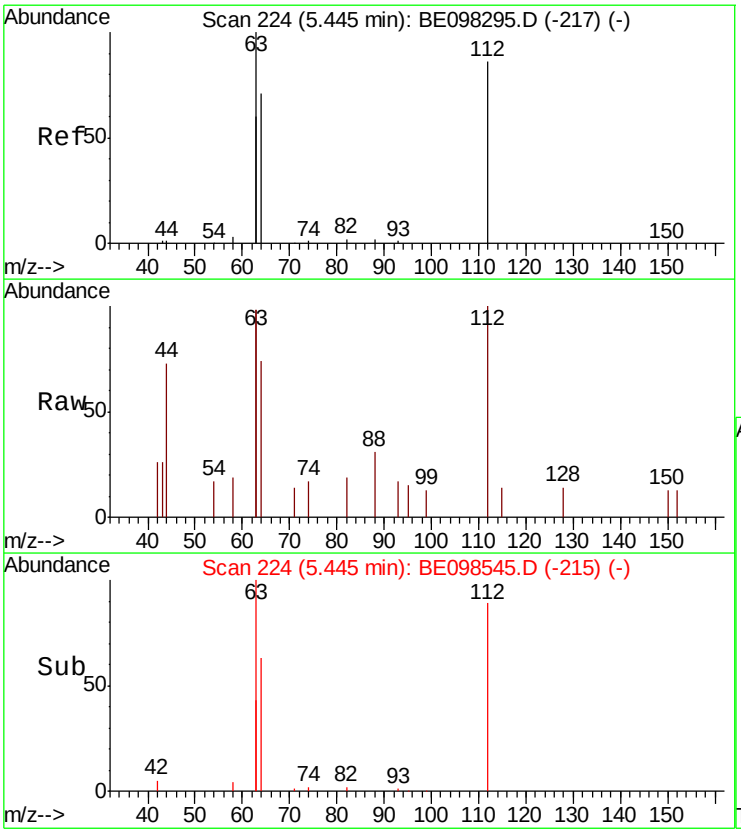

#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion: 42 Resp: 461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 75.7 | 0.0 | 0.0# |
| 44 | 12.1 | 0.0 | 0.0# |

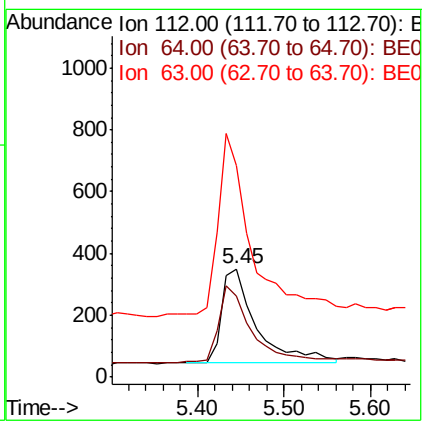


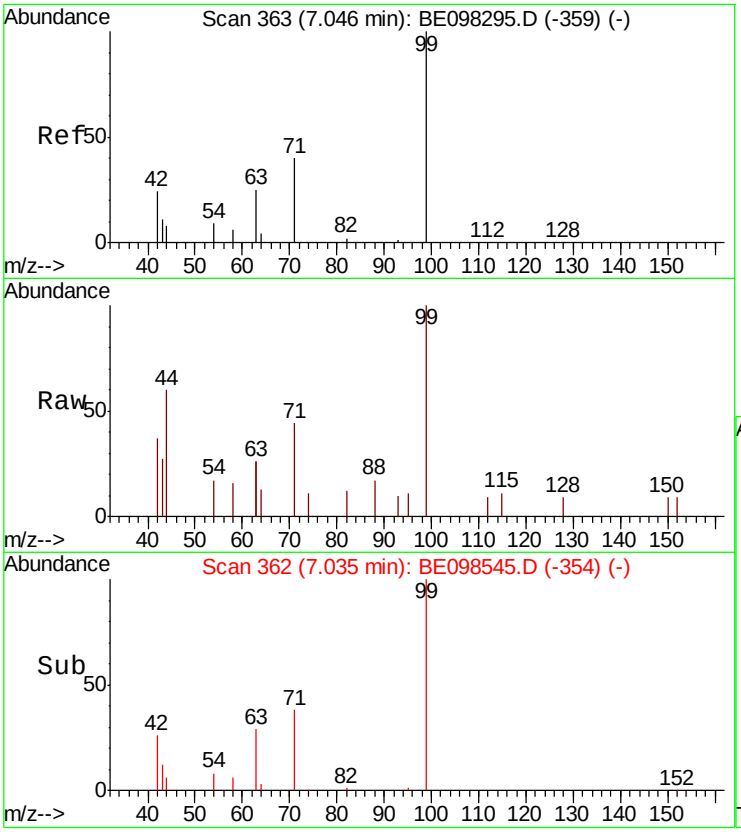




#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:112 Resp: 862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.0 | 59.8 | 89.8 |
| 63 | 182.3 | 133.7 | 200.5 |



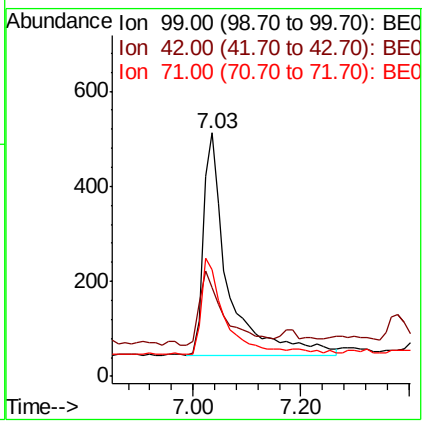


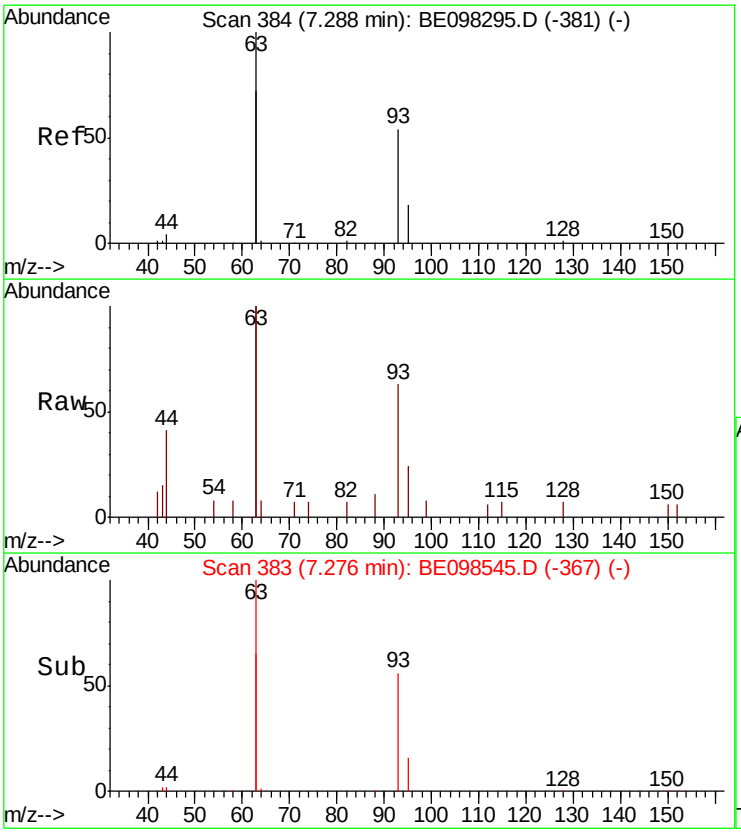

#5
Phenol-d6
Concen: 0.475 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion: 99 Resp: 1470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 33.9 | 26.3 | 39.5 |
| 71 | 41.8 | 33.6 | 50.4 |

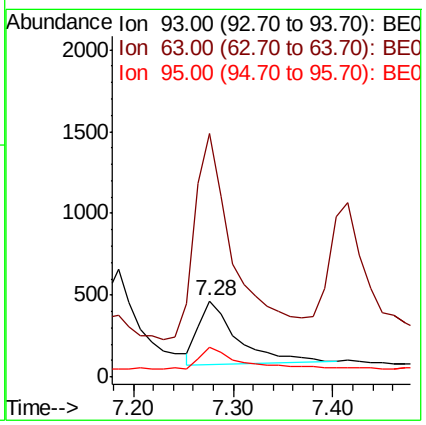


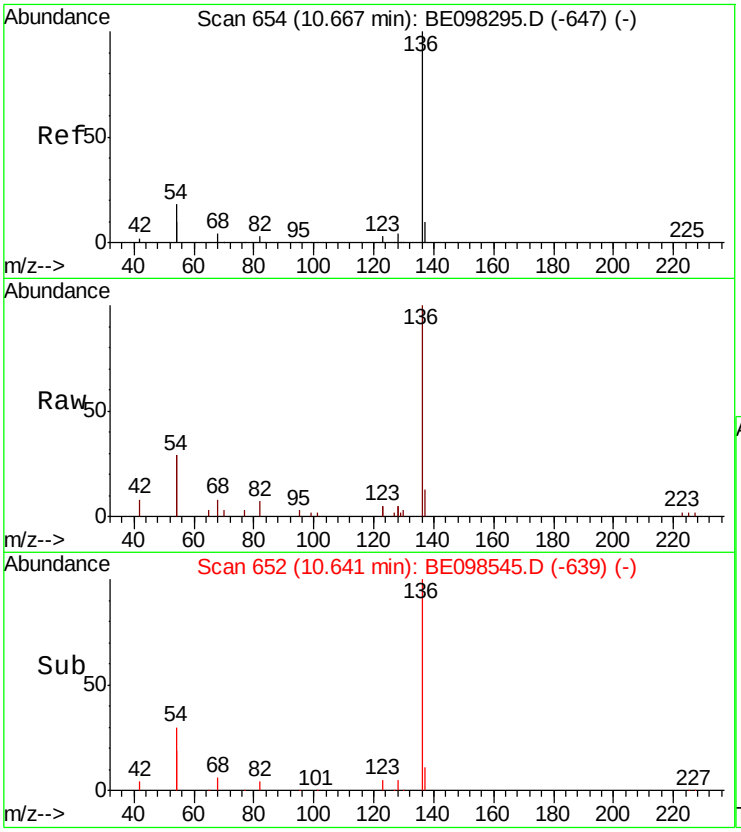




#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 93 Resp: 1028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 335.9 | 264.4 | 396.6 |
| 95 | 35.8 | 26.6 | 40.0 |



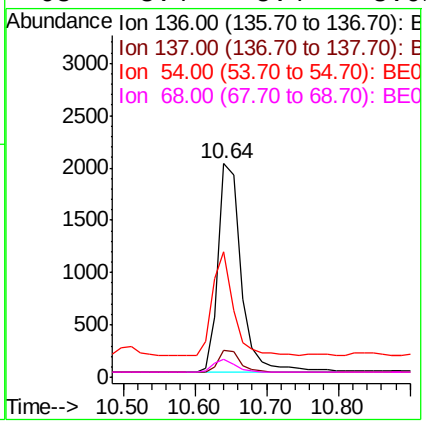


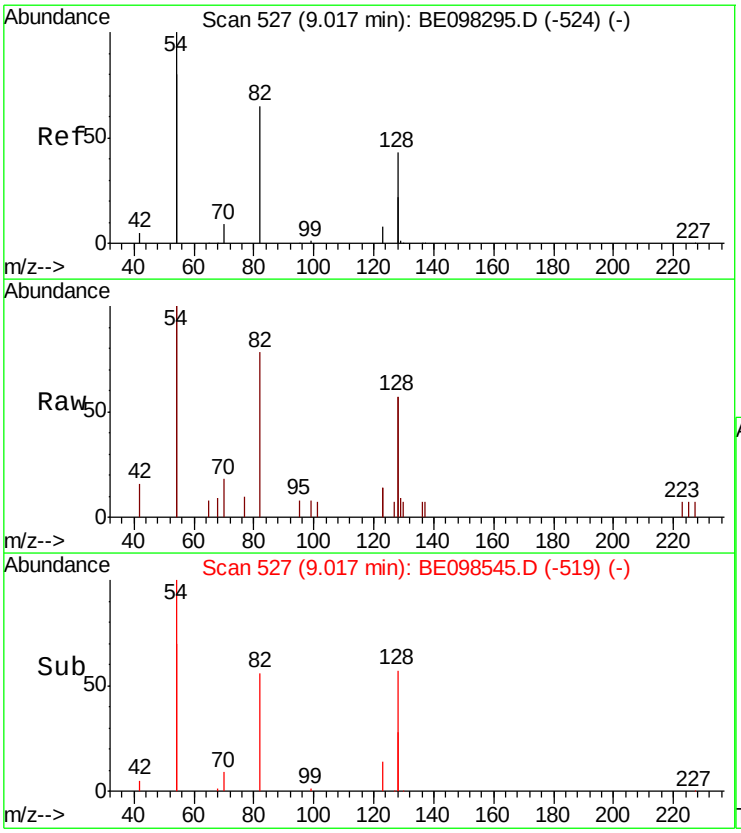

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.03 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:136 Resp: 4515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 9.2 | 13.8 |
| 54 | 58.6 | 28.4 | 42.6# |
| 68 | 8.4 | 5.4 | 8.0# |

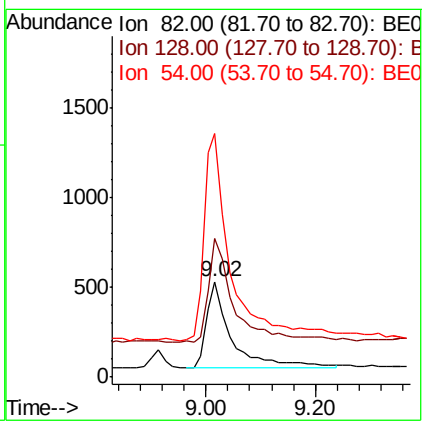


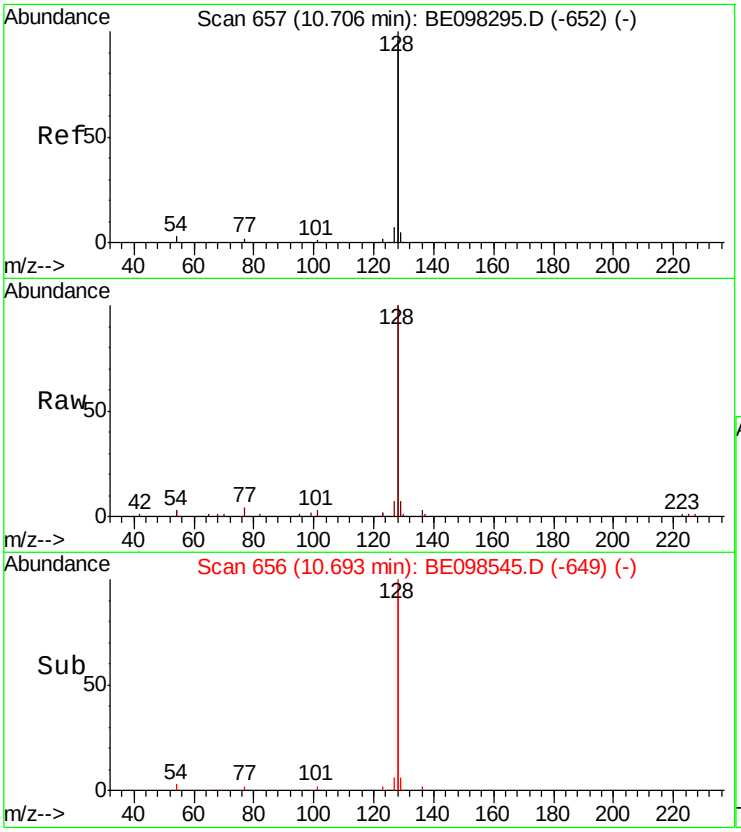




#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 82 Resp: 1531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 145.4 | 102.4 | 153.6 |
| 54 | 255.0 | 221.8 | 332.8 |



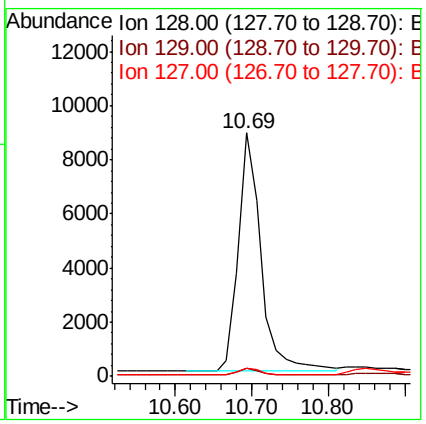


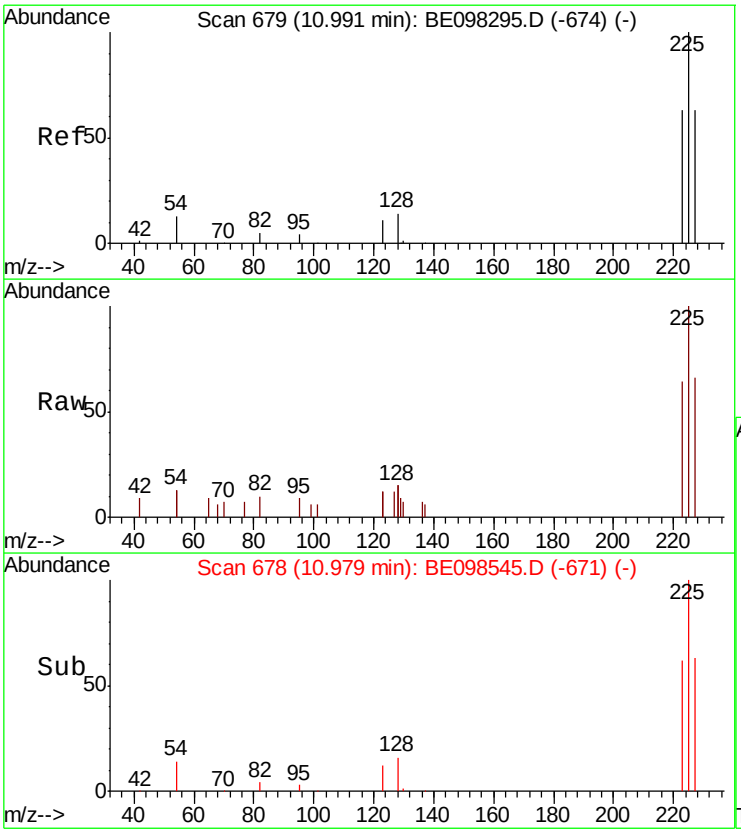

#9
Naphthalene
Concen: 0.401 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:128 Resp: 18213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.4 | 2.5 | 3.7 |
| 127 | 3.5 | 2.7 | 4.1 |

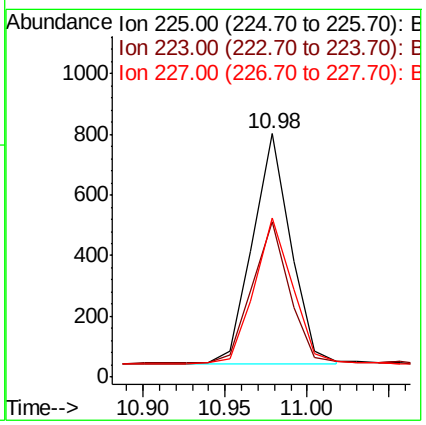


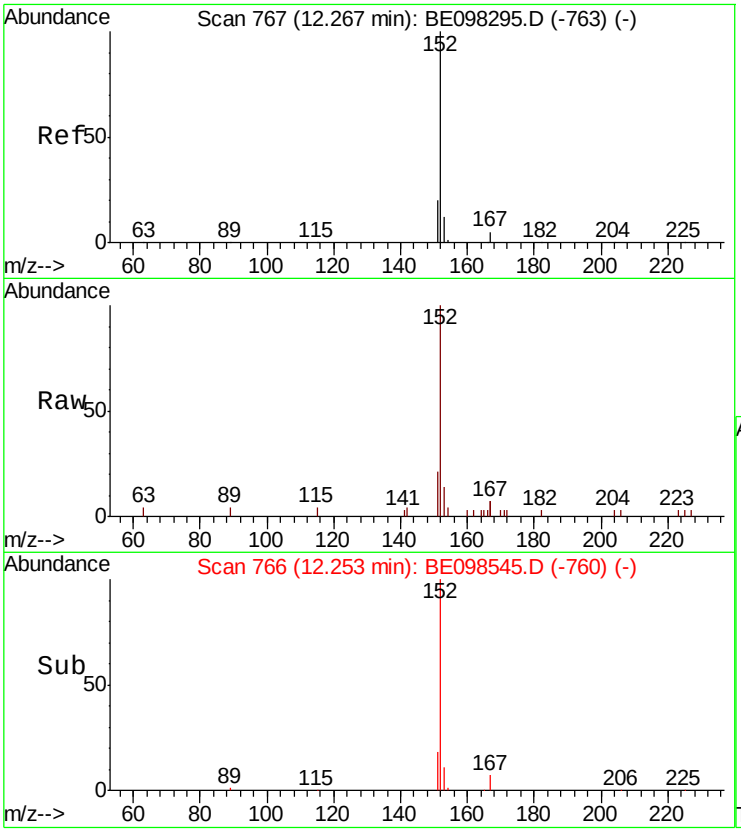




#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:225 Resp: 1223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 49.4 | 74.0 |
| 227 | 63.6 | 52.0 | 78.0 |



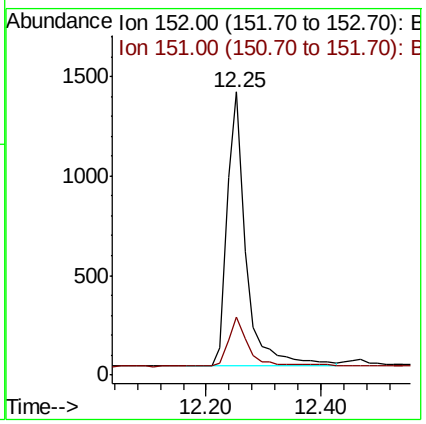


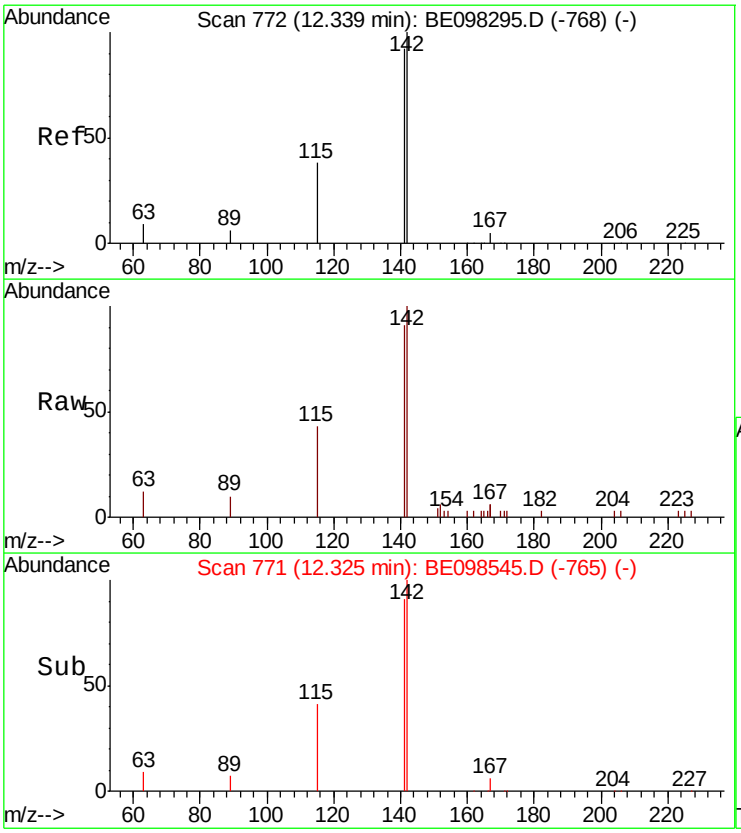

#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:152 Resp: 3122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 16.2 | 24.4 |

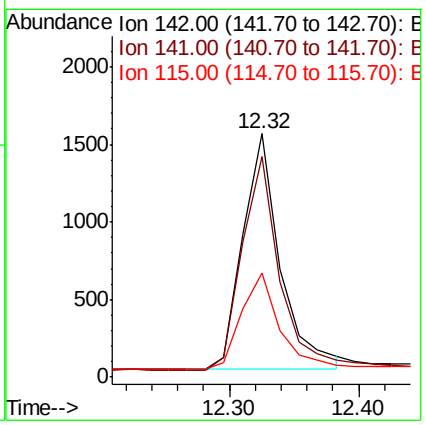


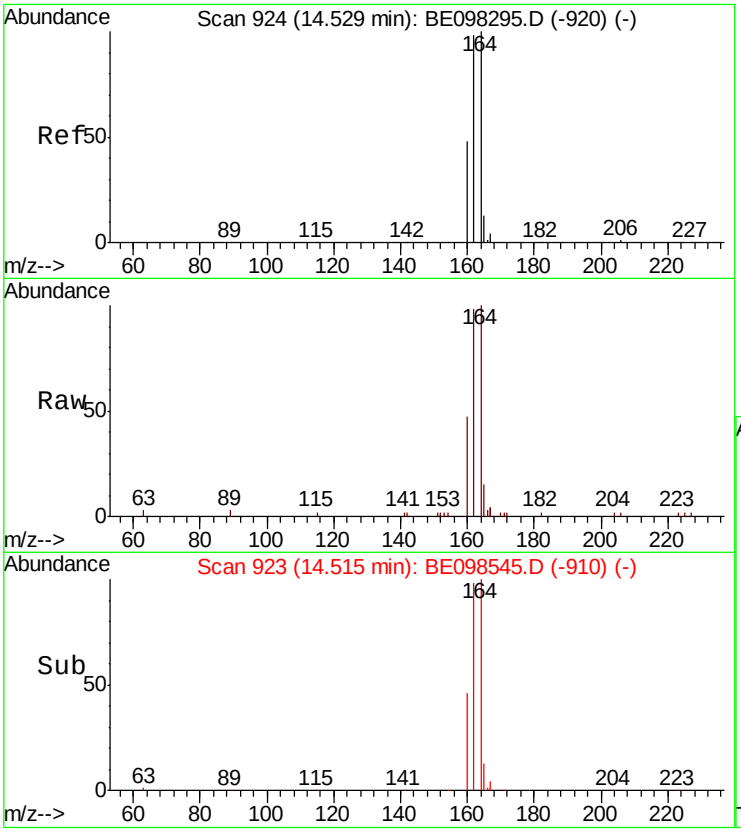




#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:142 Resp: 3026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 71.0 | 106.6 |
| 115 | 42.9 | 32.2 | 48.2 |



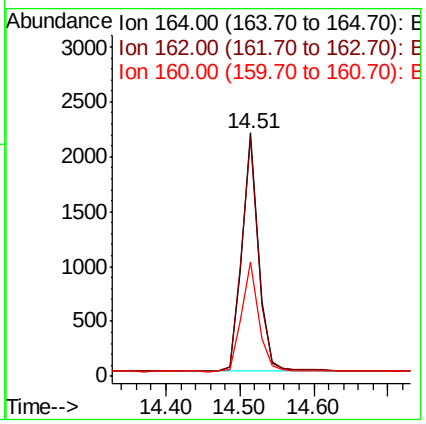


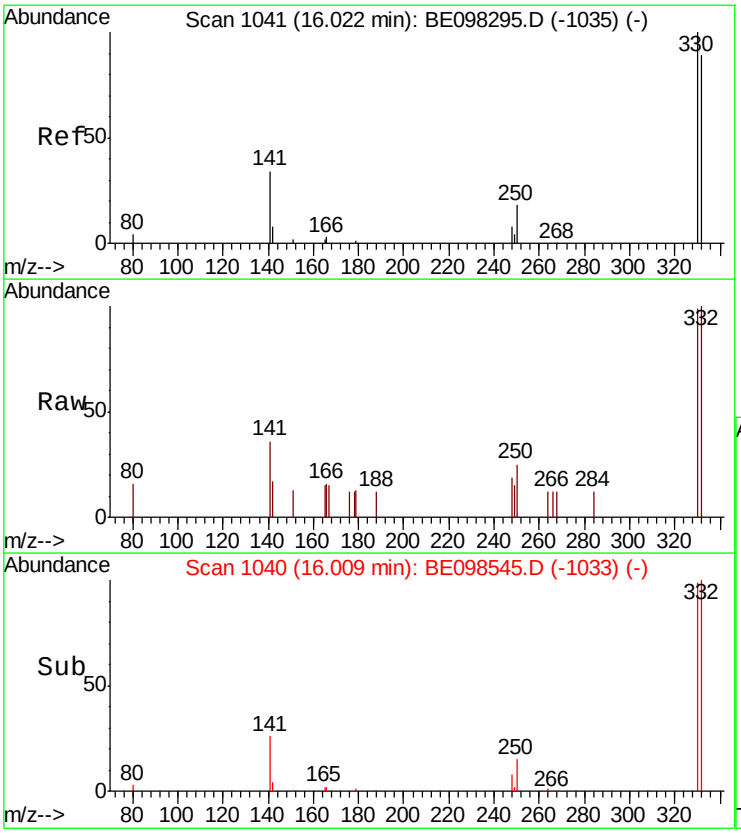

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:164 Resp: 3389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.1 | 77.6 | 116.4 |
| 160 | 47.0 | 36.0 | 54.0 |

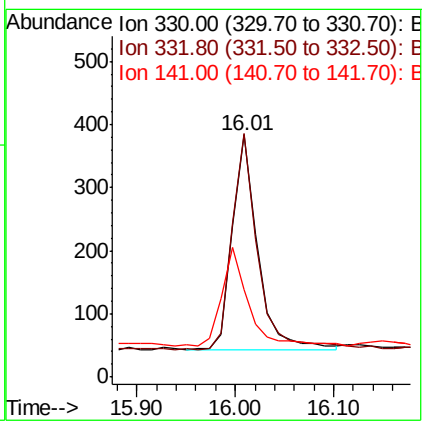


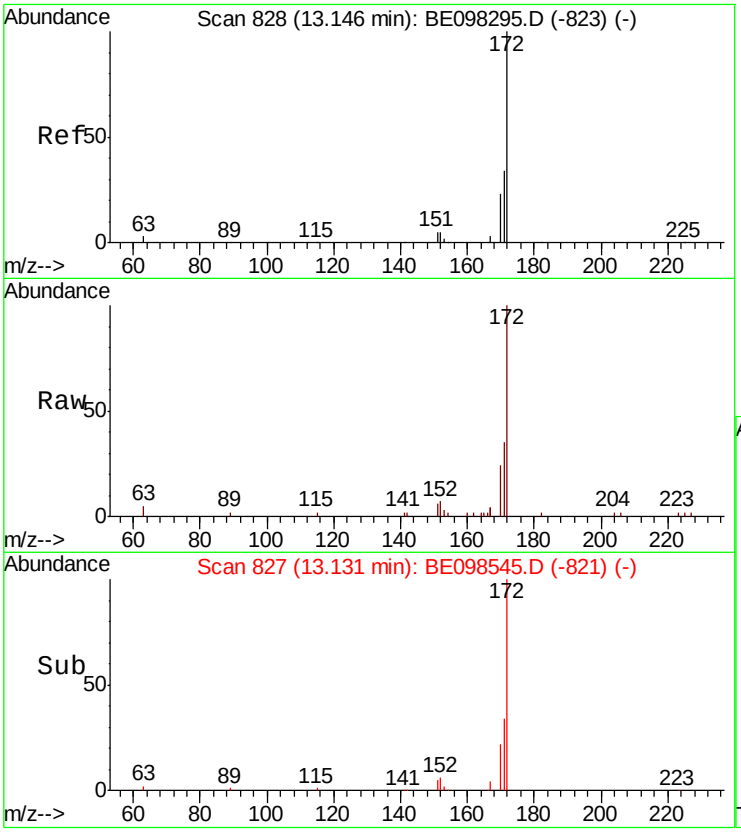




#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:330 Resp: 615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.3 | 76.2 | 114.4 |
| 141 | 47.8 | 39.0 | 58.4 |



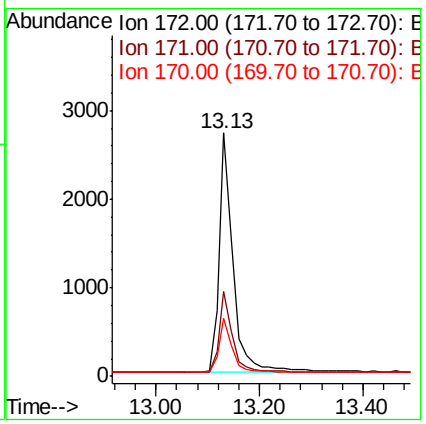


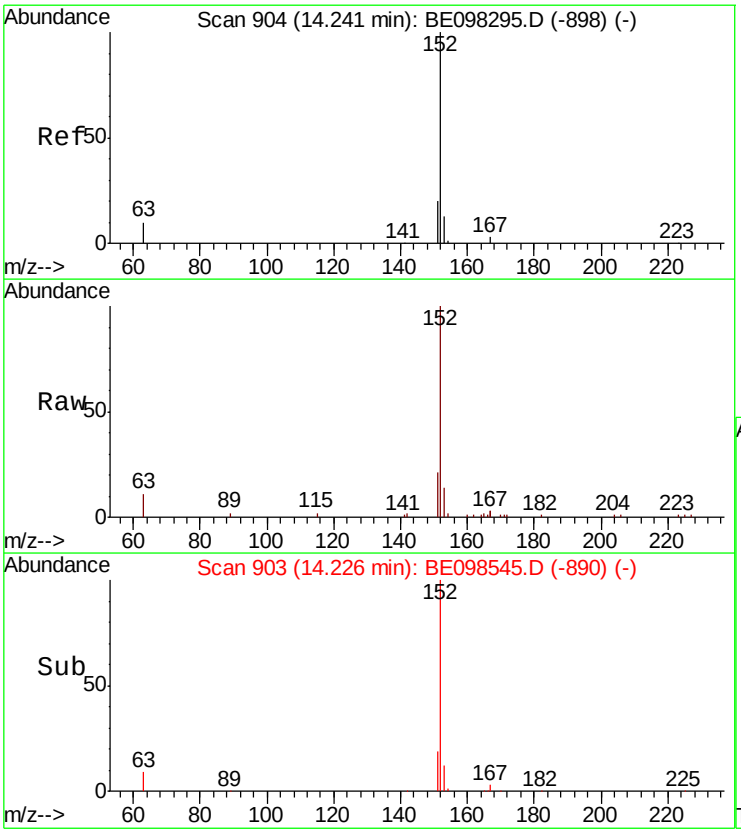

#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:172 Resp: 5166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 27.5 | 41.3 |
| 170 | 23.6 | 19.6 | 29.4 |

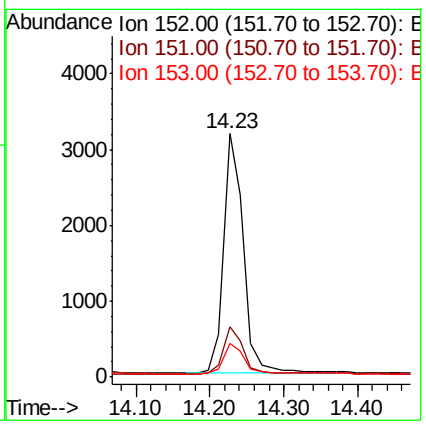


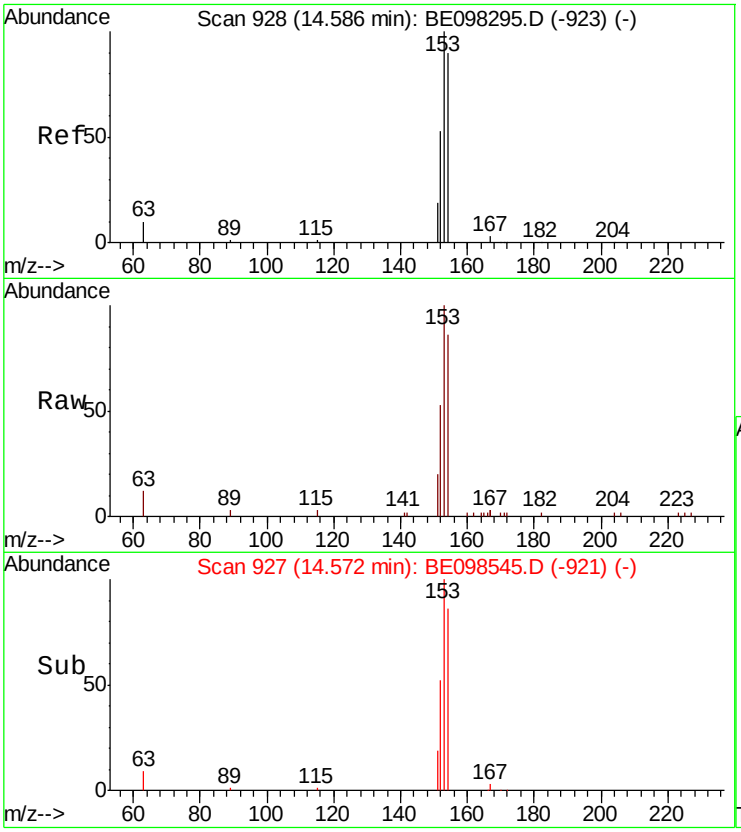




#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:152 Resp: 5918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.5 | 23.3 |
| 153 | 12.9 | 10.6 | 16.0 |



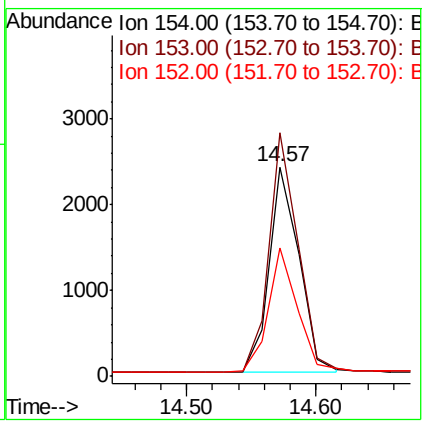


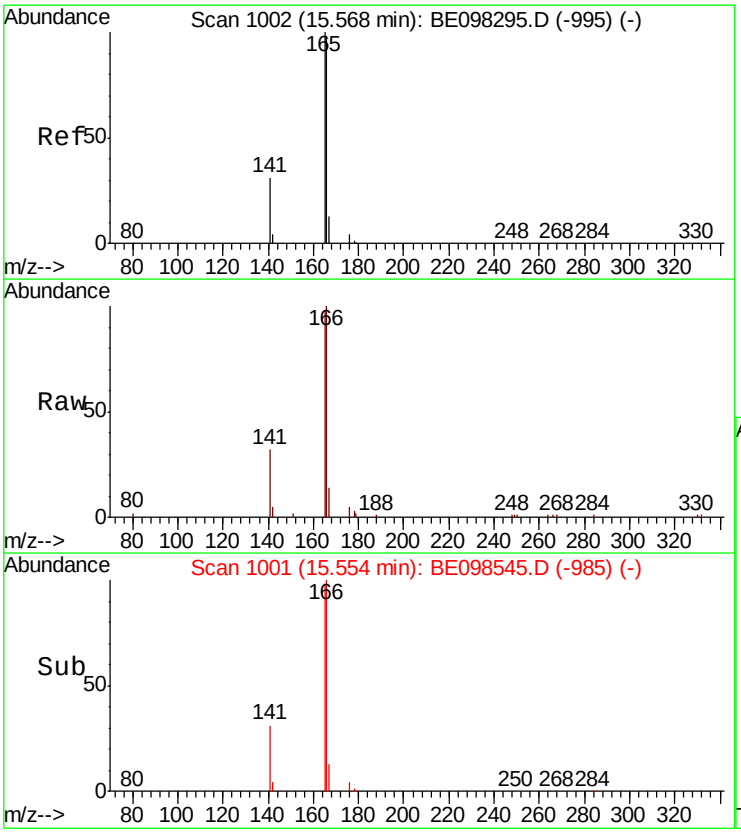

#17
Acenaphthene
Concen: 0.403 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:154 Resp: 3840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 91.8 | 137.6 |
| 152 | 58.8 | 45.5 | 68.3 |

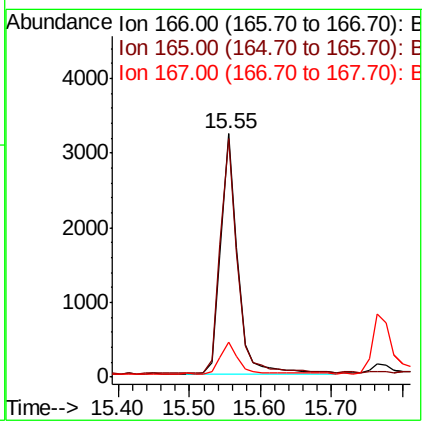


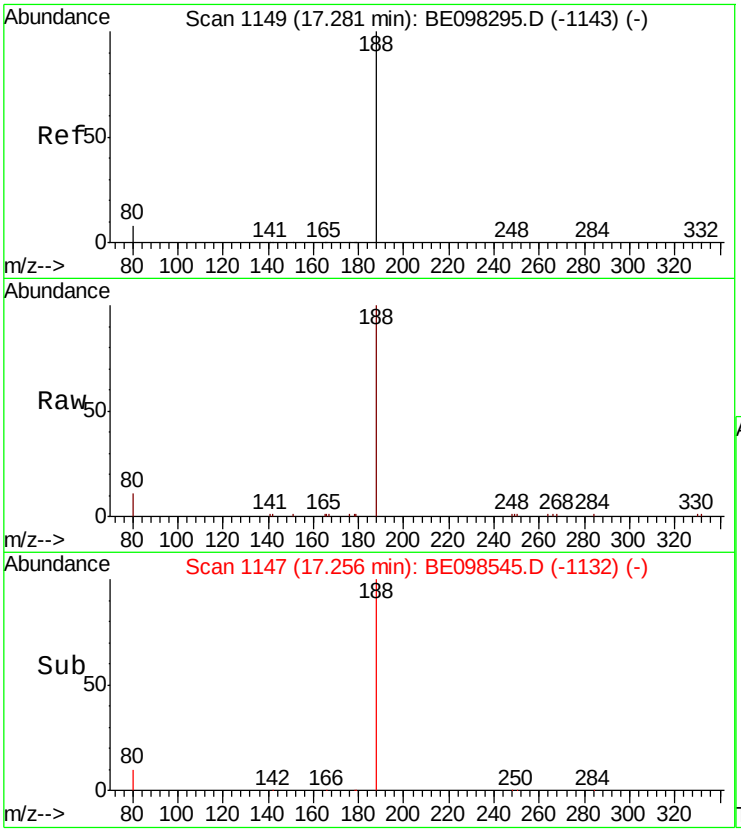




#18
Fluorene
Concen: 0.416 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:166 Resp: 5315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.1 | 79.3 | 118.9 |
| 167 | 14.0 | 11.3 | 16.9 |



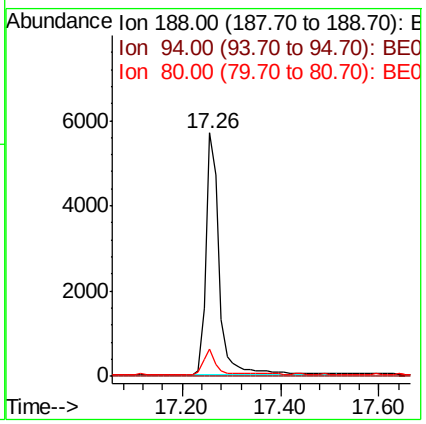


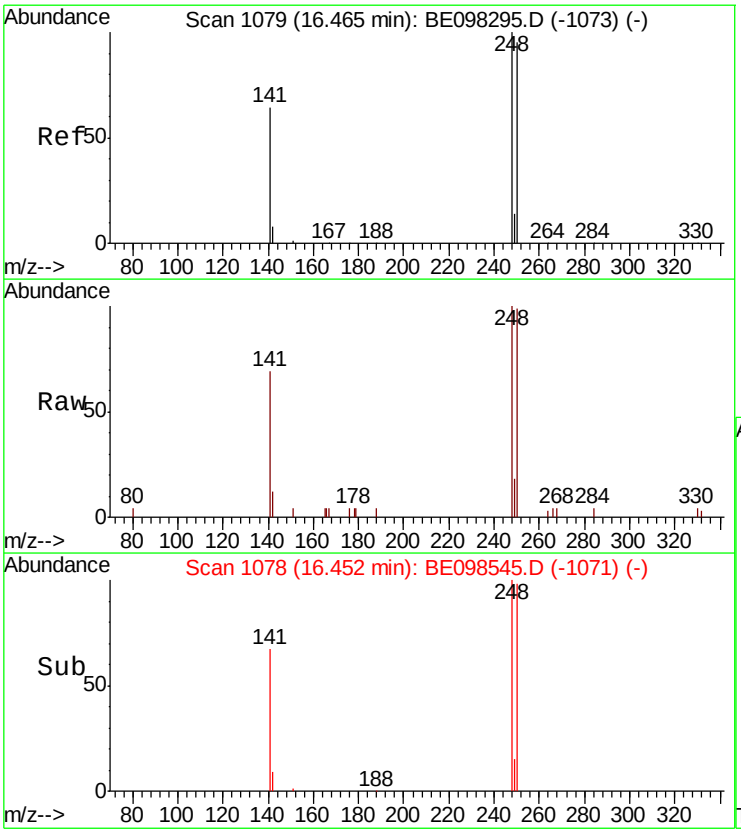

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:188 Resp: 10460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.1 | 7.2 | 10.8# |

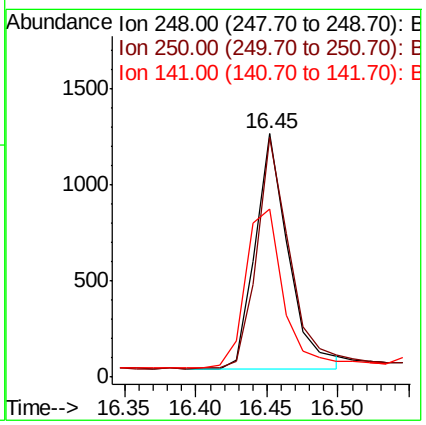


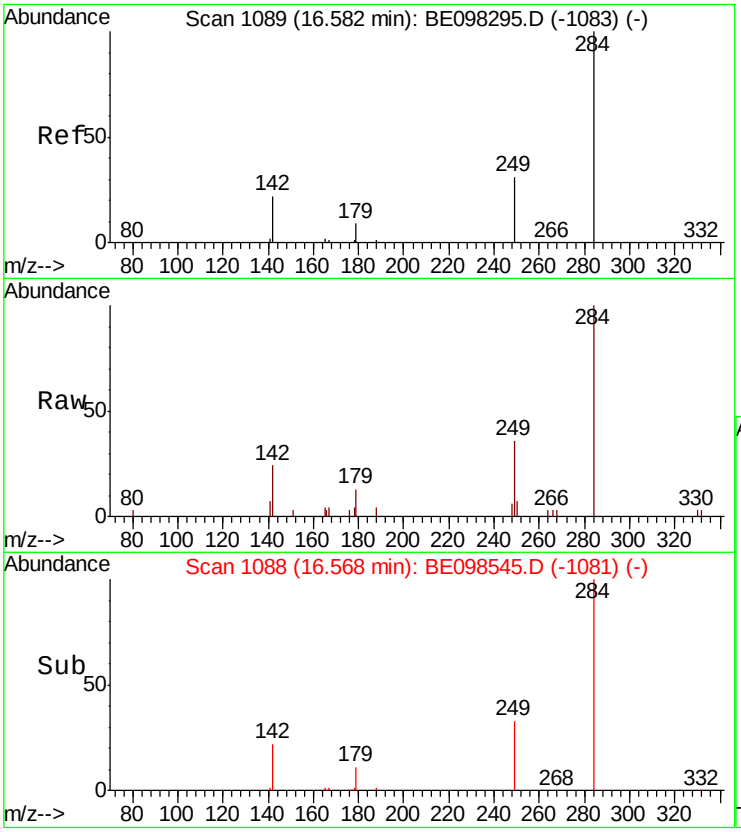




#20
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:248 Resp: 1991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.6 | 71.0 | 106.6 |
| 141 | 68.8 | 62.1 | 93.1 |



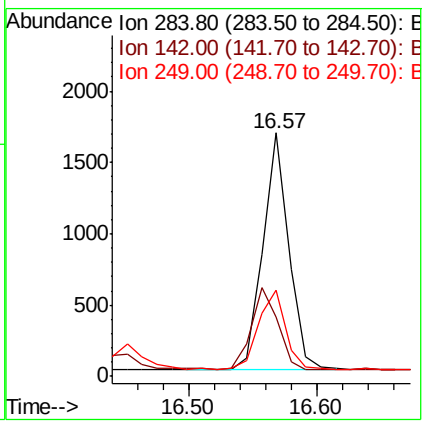


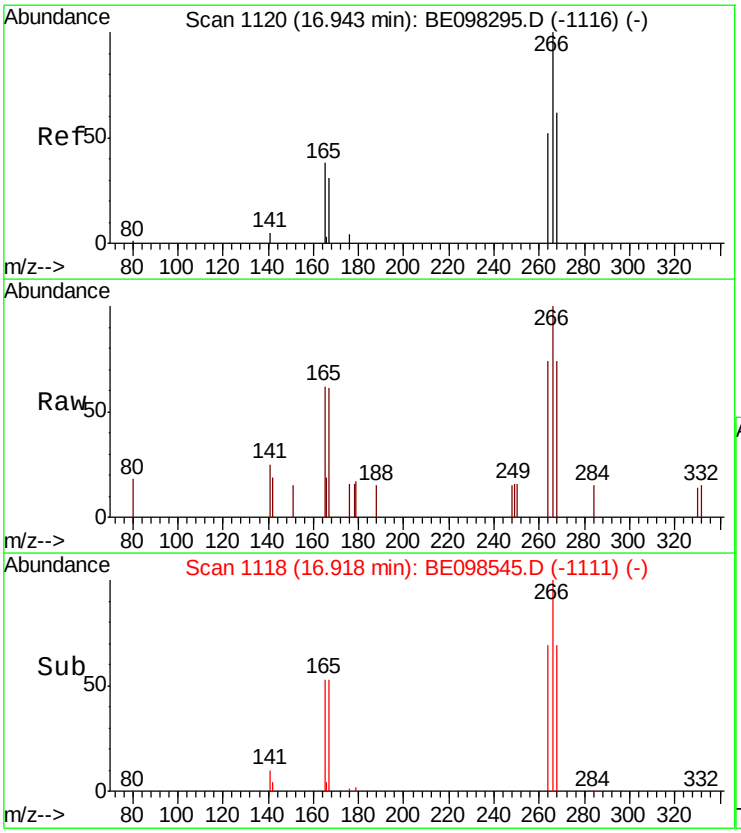

#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:284 Resp: 2363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.3 | 26.3 | 39.5 |
| 249 | 34.3 | 26.0 | 39.0 |

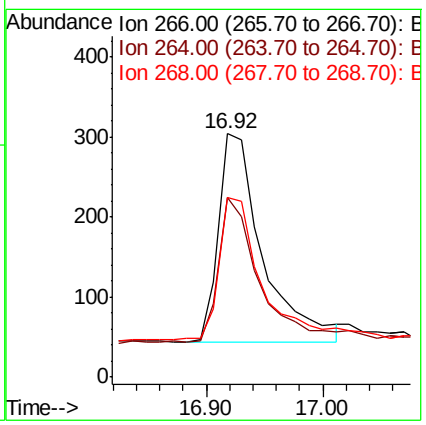


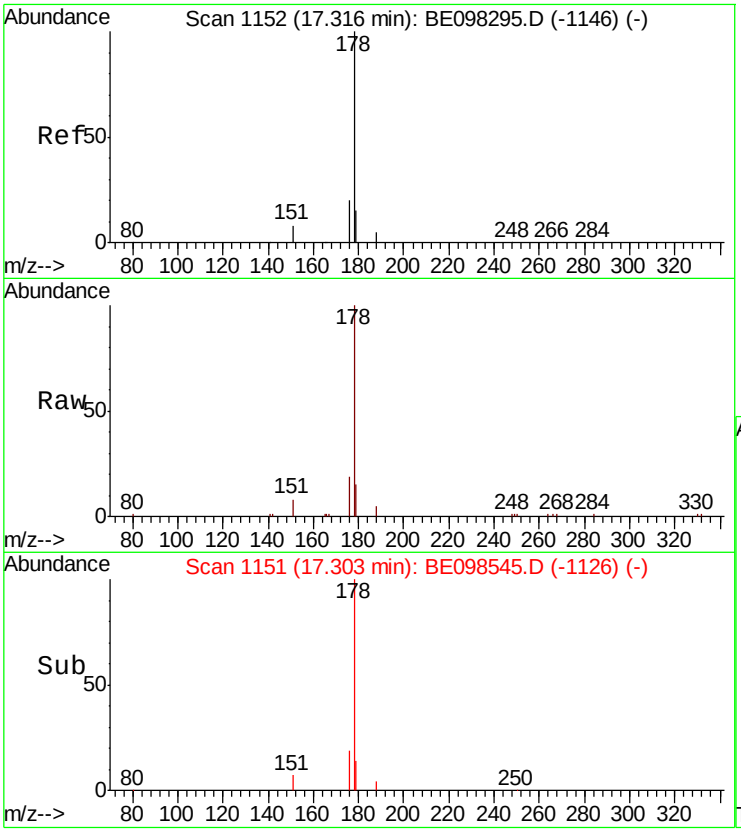




#22
Pentachlorophenol
Concen: 0.647 ng
RT: 16.92 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:266 Resp: 685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 73.7 | 59.0 | 88.4 |
| 268 | 73.7 | 55.1 | 82.7 |



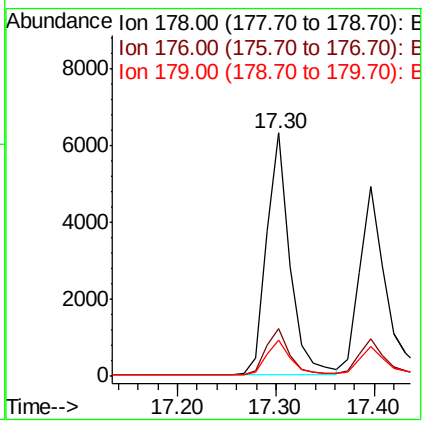


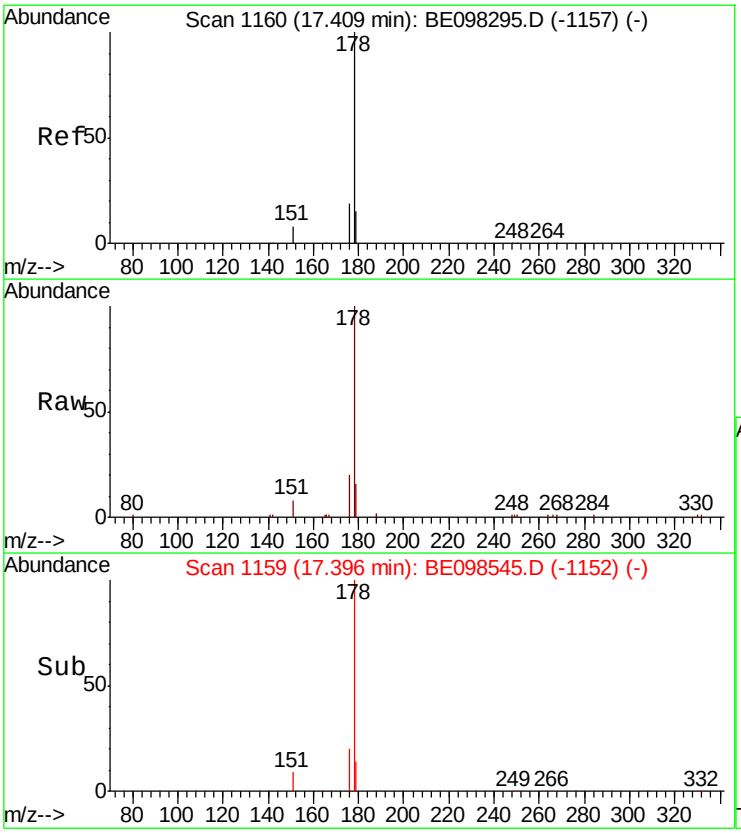

#23
Phenanthrene
Concen: 0.403 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:178 Resp: 10239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.9 | 23.9 |
| 179 | 14.6 | 12.3 | 18.5 |

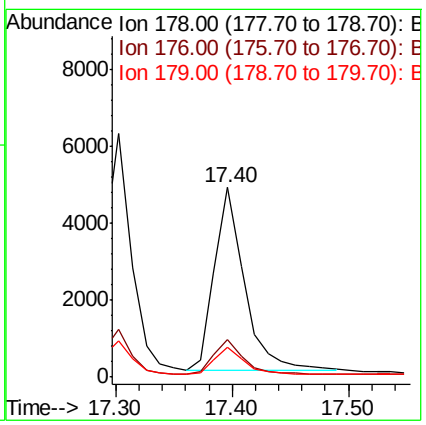


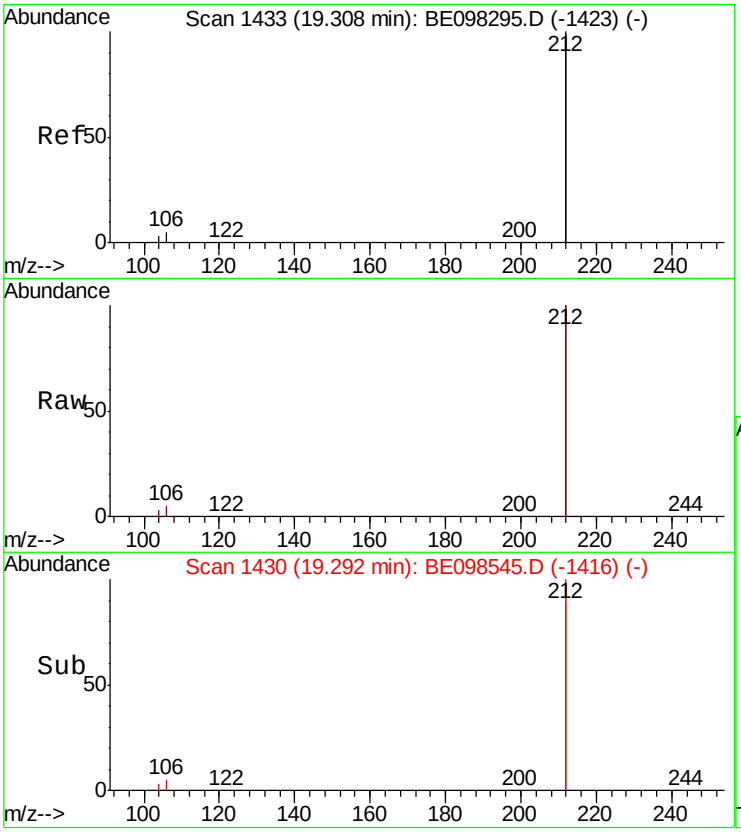




#24
Anthracene
Concen: 0.372 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:178 Resp: 8440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.0 | 12.3 | 18.5 |



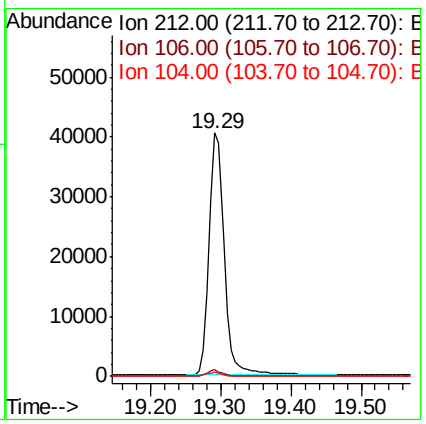


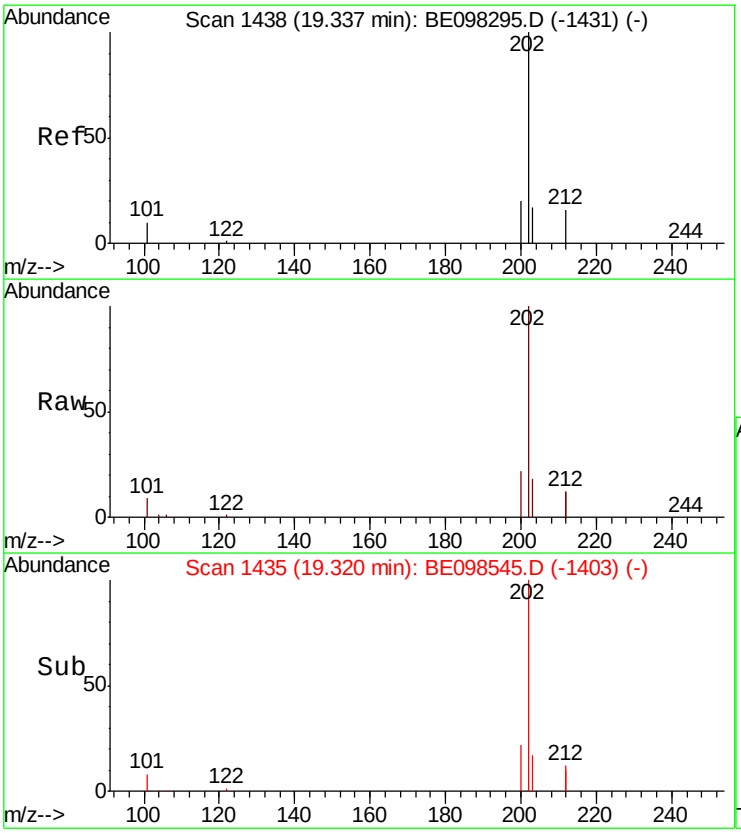

#25
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:212 Resp: 61555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.4 | 2.2 | 3.2 |
| 104 | 1.4 | 1.3 | 1.9 |

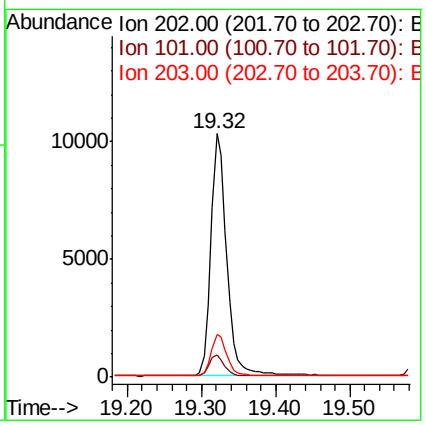


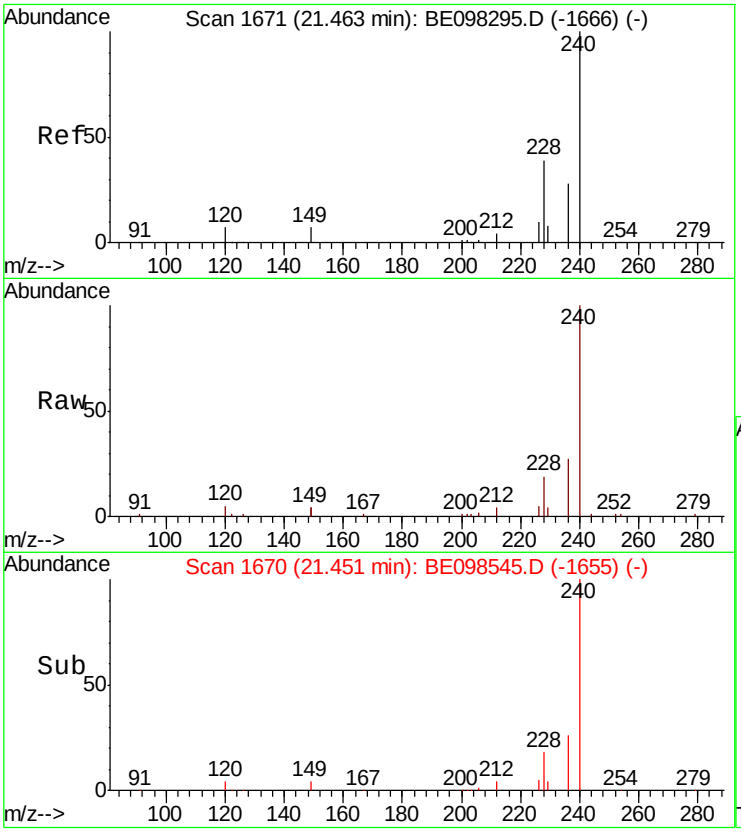




#26
Fluoranthene
Concen: 0.455 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:202 Resp: 15293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.8 | 8.0 | 12.0 |
| 203 | 17.0 | 13.8 | 20.6 |



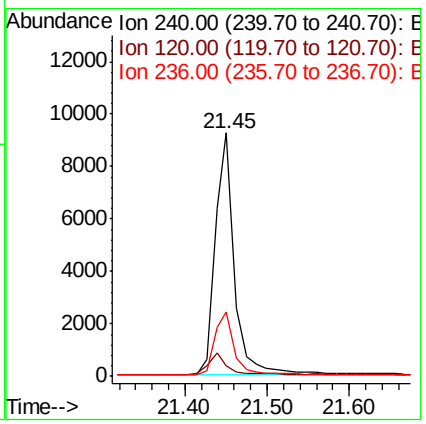


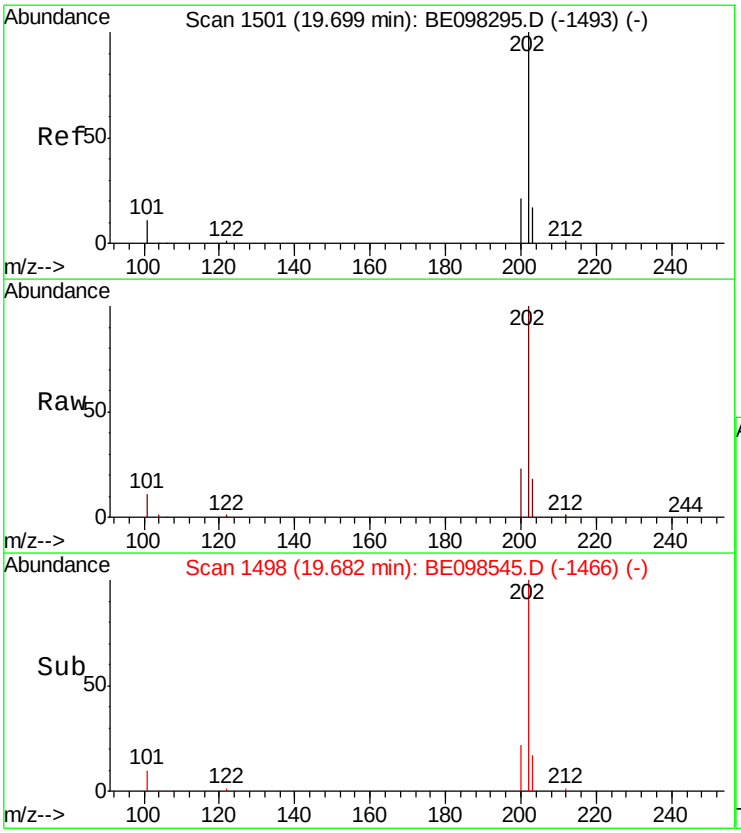

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:240 Resp: 15215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.6 | 9.5 | 14.3# |
| 236 | 26.7 | 22.7 | 34.1 |

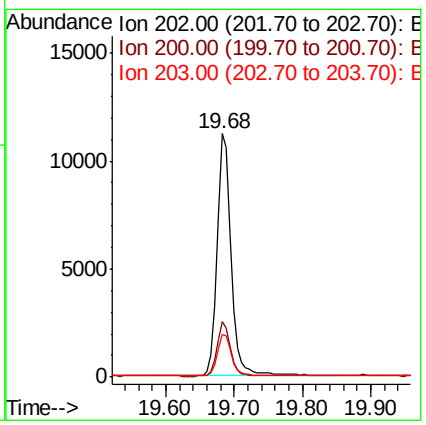


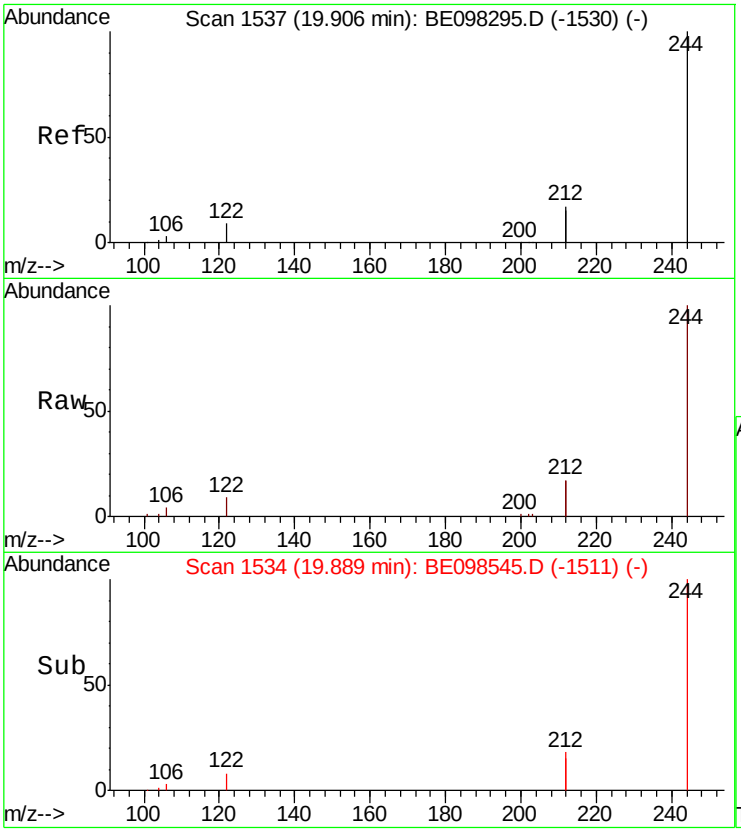




#28
Pyrene
Concen: 0.343 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:202 Resp: 16389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 16.7 | 25.1 |
| 203 | 17.4 | 14.1 | 21.1 |



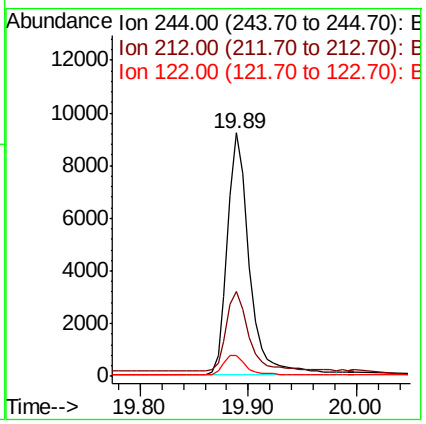


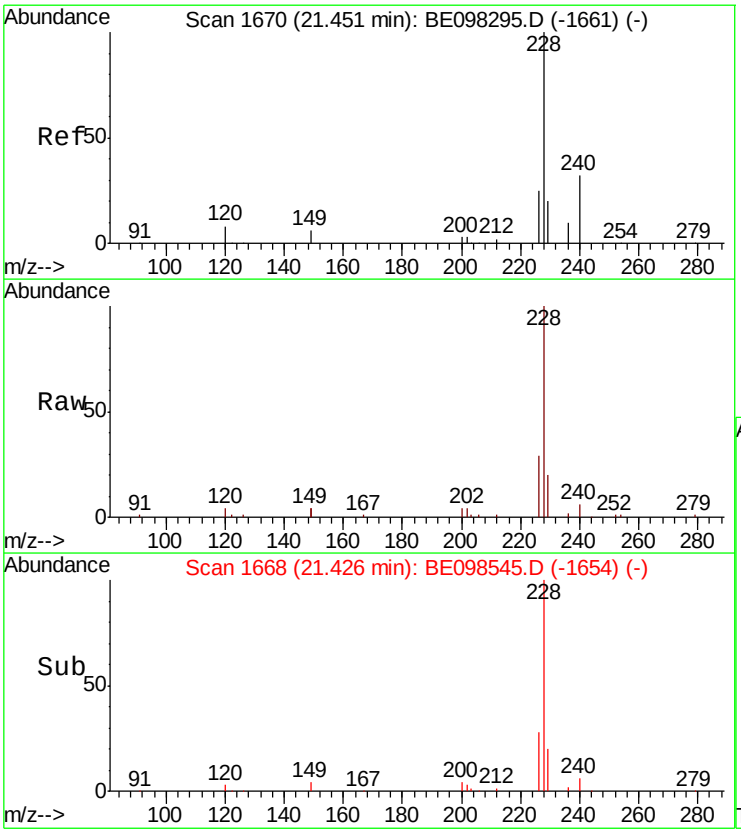

#29
Terphenyl-d14
Concen: 0.353 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:244 Resp: 13066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.9 | 27.4 | 41.0 |
| 122 | 8.8 | 8.3 | 12.5 |

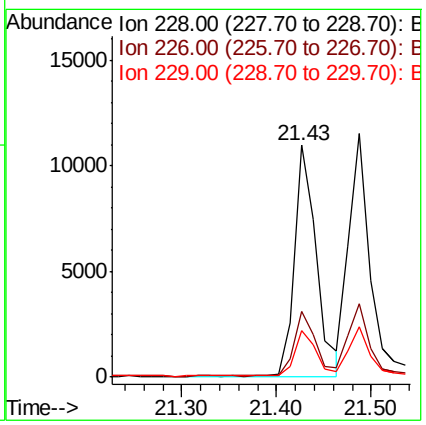


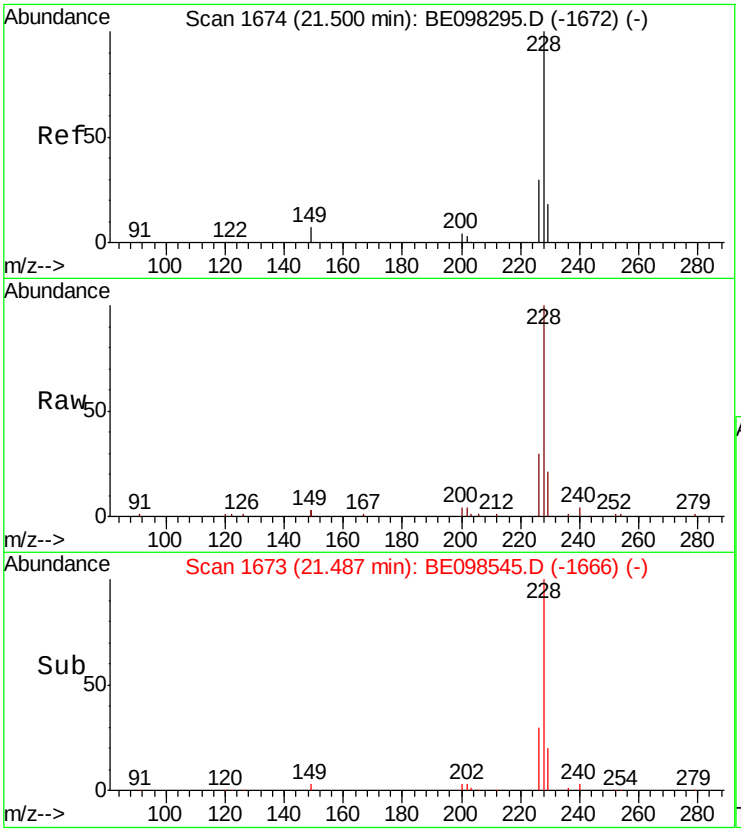




#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.03 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:228 Resp: 17327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 21.8 | 32.8 |
| 229 | 20.0 | 16.3 | 24.5 |



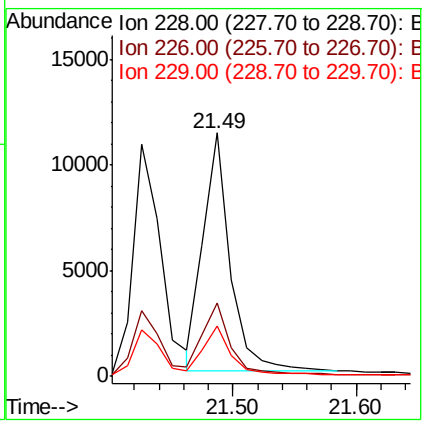


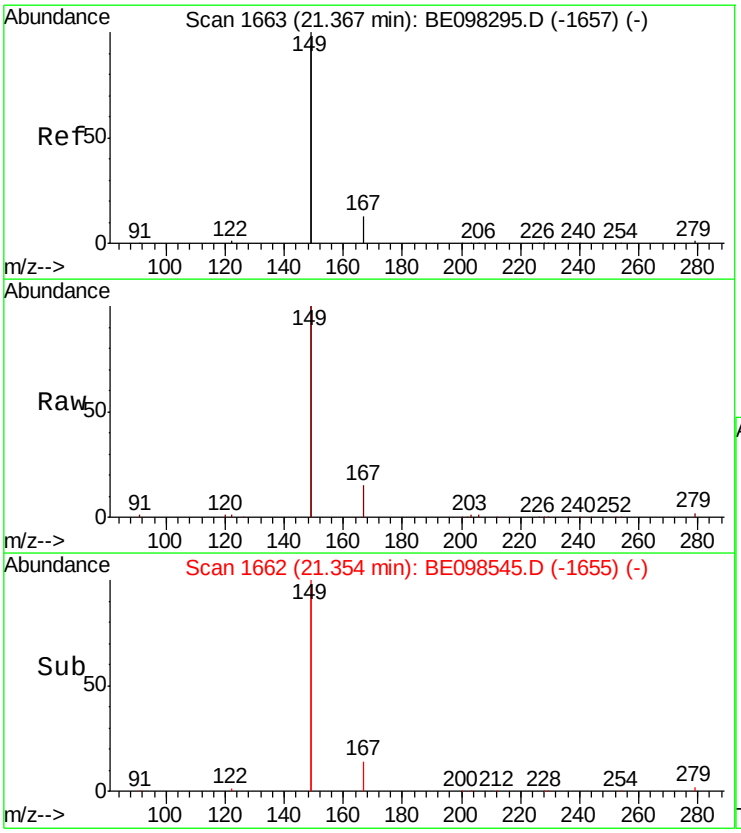

#31
Chrysene
Concen: 0.378 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:228 Resp: 17162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.4 | 35.0 |
| 229 | 20.7 | 16.2 | 24.4 |

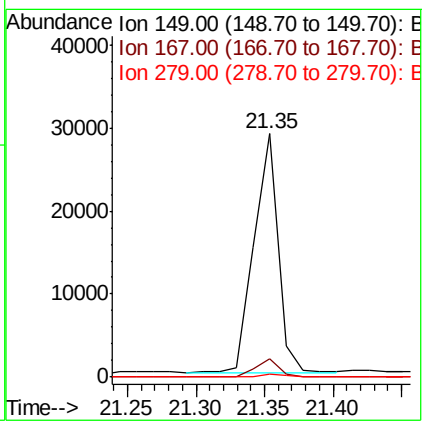


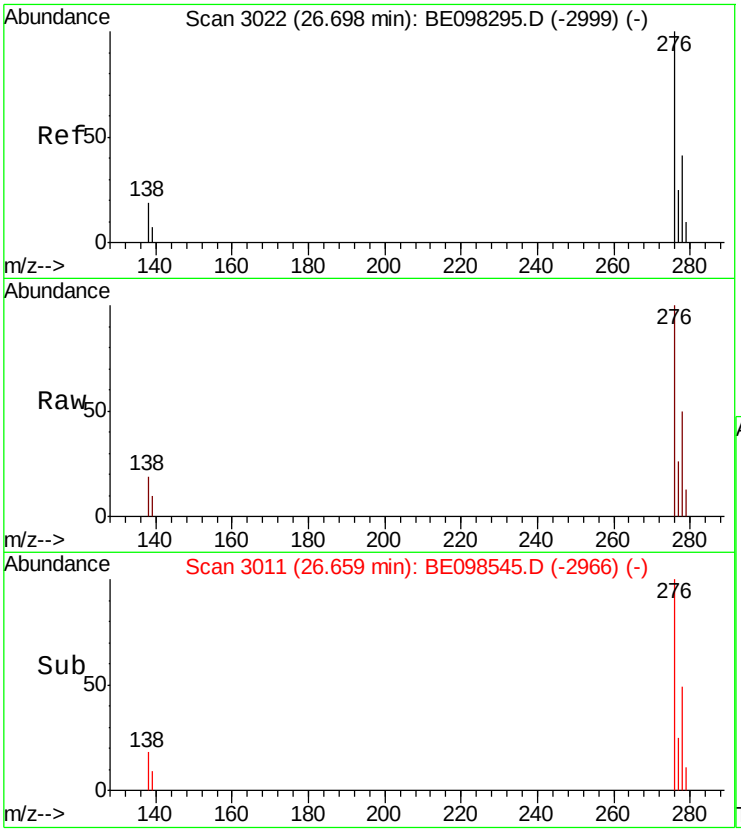




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:149 Resp: 34801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.7 | 8.5 |
| 279 | 1.1 | 1.0 | 1.4 |



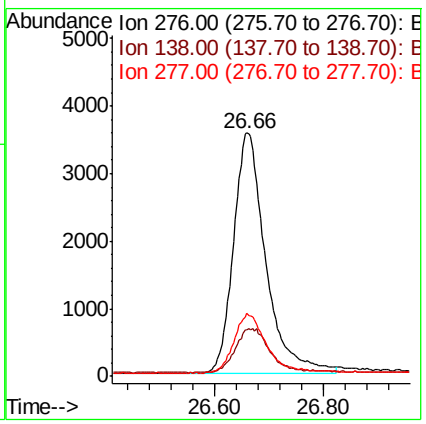


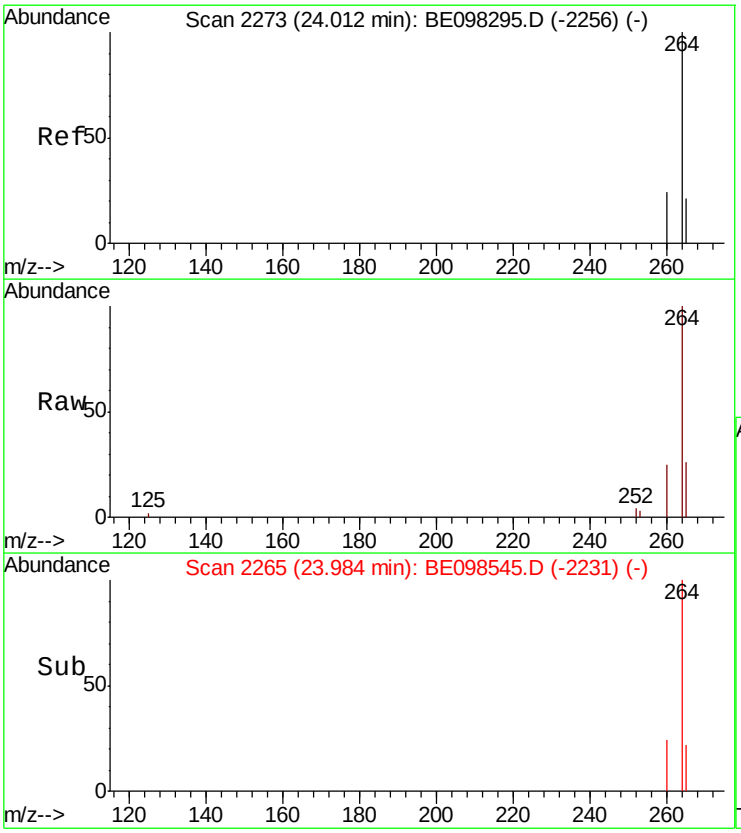

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng
RT: 26.66 min Scan# 3011
Delta R.T. -0.04 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:276 Resp: 14773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.6 | 16.3 | 24.5 |
| 277 | 23.9 | 20.2 | 30.4 |

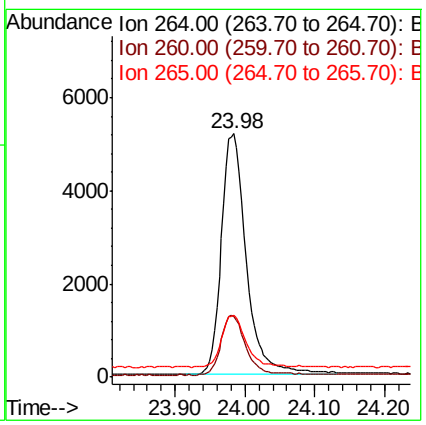


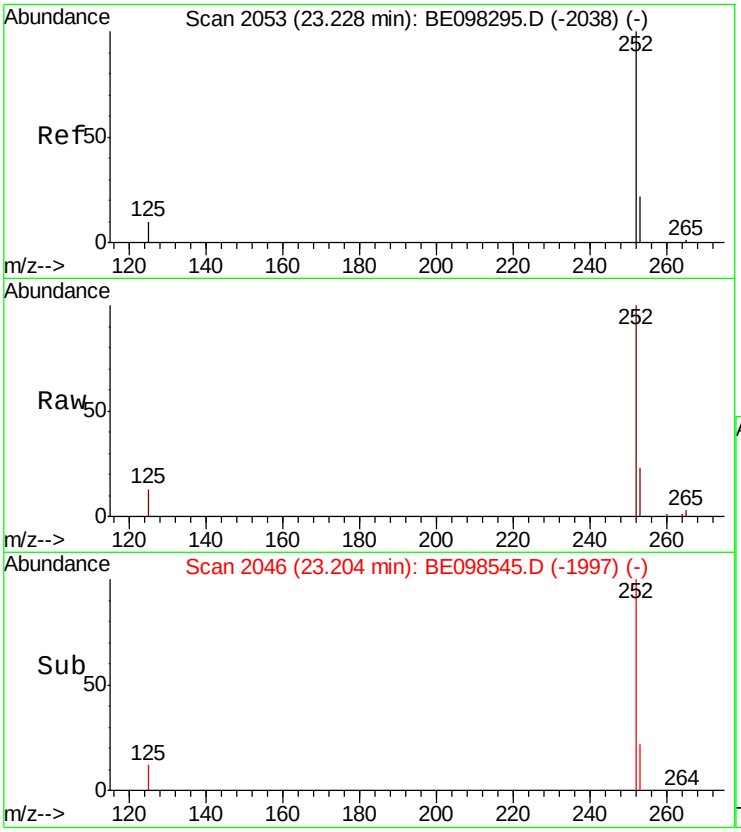




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2265
Delta R.T. -0.03 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:264 Resp: 12920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 20.2 | 30.2 |
| 265 | 25.6 | 25.2 | 37.8 |



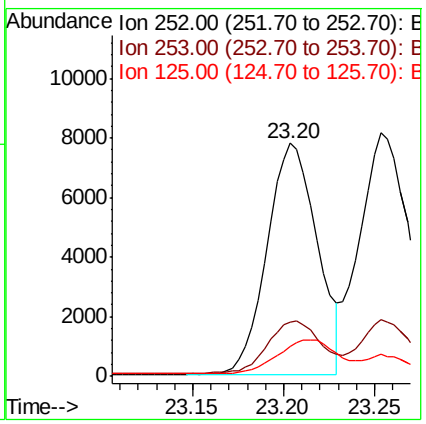


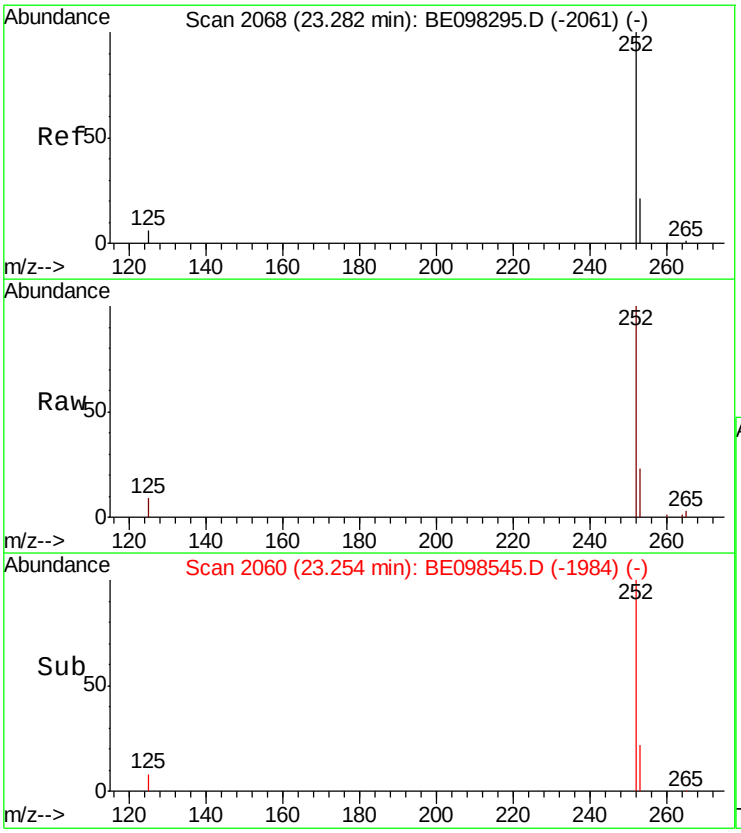

#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.20 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:252 Resp: 14759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 20.0 | 30.0 |
| 125 | 12.6 | 9.6 | 14.4 |

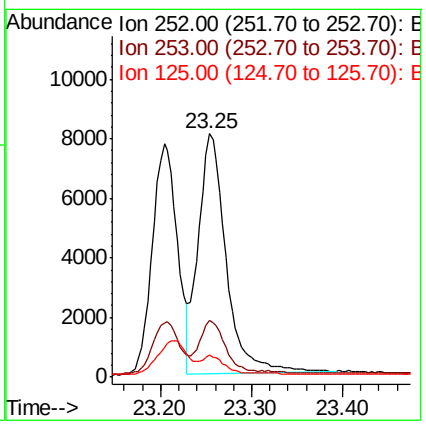


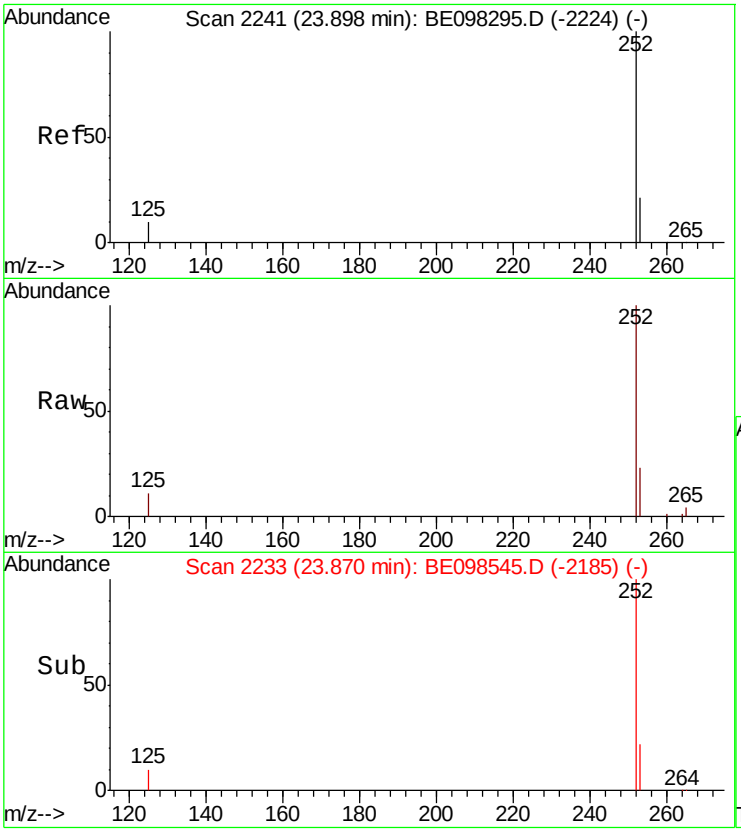




#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:252 Resp: 16977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 19.0 | 28.6 |
| 125 | 9.3 | 9.1 | 13.7 |



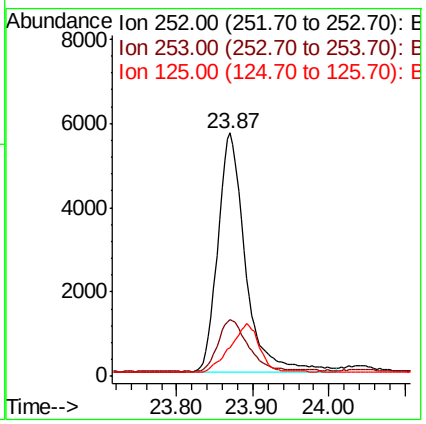


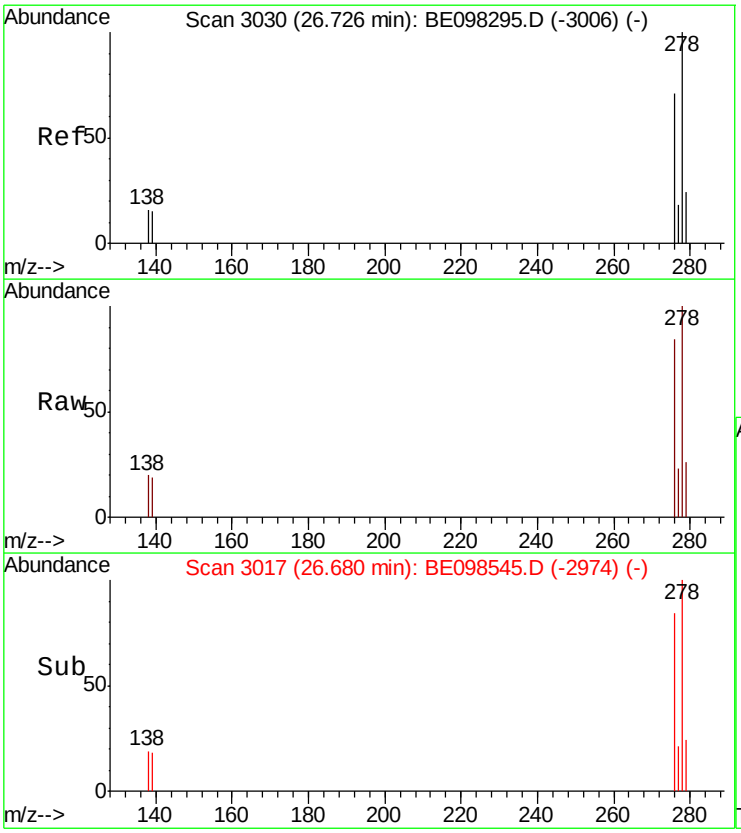

#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.87 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:252 Resp: 14360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 20.6 | 30.8 |
| 125 | 11.5 | 10.5 | 15.7 |

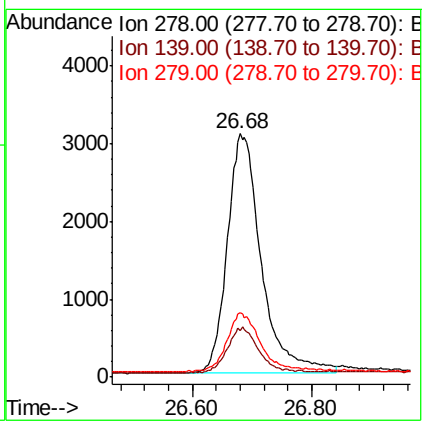


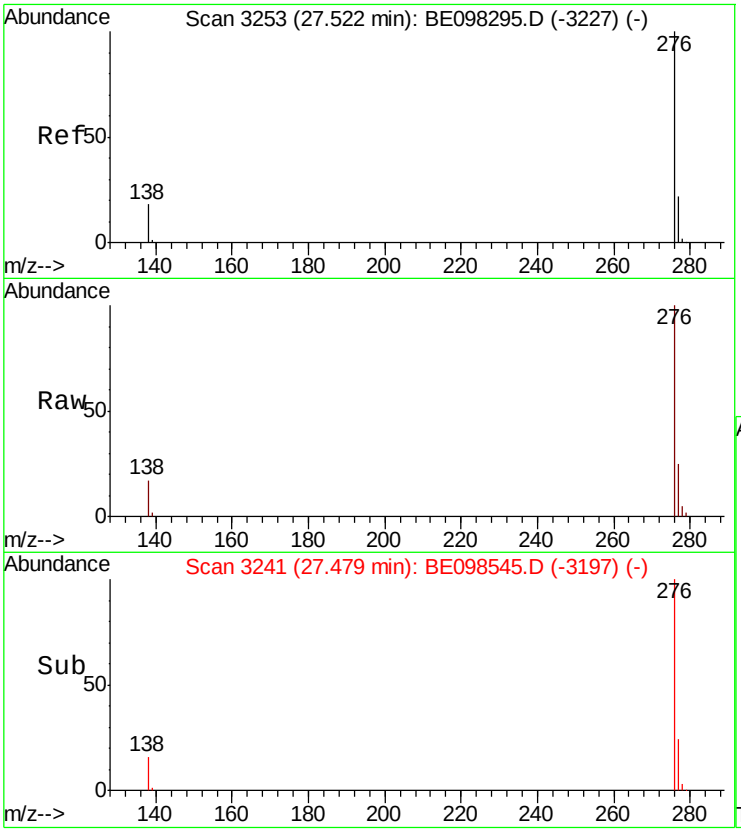




#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.68 min Scan# 3017
Delta R.T. -0.05 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

Tgt Ion:278 Resp: 12209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.2 | 14.5 | 21.7 |
| 279 | 26.5 | 21.8 | 32.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.48 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BE098545.D
Acq: 20 Dec 2018 18:50

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

Tgt Ion:276 Resp: 12422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 20.8 | 31.2 |
| 138 | 17.1 | 15.8 | 23.6 |