Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 09 02:34:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 299859 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.36 | 136 | 1190800 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.23 | 164 | 804306 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 16.99 | 188 | 1761324 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.20 | 240 | 1481143 | 20.00 | ng/ul | -0.01 |
| 85) Perylene-d12 | 23.40 | 264 | 1367926 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.21 | 96 | 3870 | 0.62 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 84885 | 3.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 57707 | 3.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 72844 | 4.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 58784 | 3.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 48444 | 6.61 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 35656 | 4.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 78398 | 4.60 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.48 | 131 | 732582 | 41.71 | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6 | 13.65 | 166 | 252036 | 4.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.92 | 160 | 321362 | 4.48 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4 | 14.45 | 143 | 59895 | 6.50 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.23 | 176 | 227795 | 4.65 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 14292 | 1.80 | ng/ul | -0.02 |
| 70) Anthracene-d10 | 17.08 | 188 | 352787 | 4.78 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 385423 | 5.09 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.26 | 264 | 284689 | 4.76 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.75 | 77 | 55759 | 3.341 | ng/ul# | 1 |
| 14) Acetophenone | 8.38 | 105 | 365446 | 12.403 | ng/ul# | 33 |
| 15) N-Nitroso-di-n-propylamine | 8.35 | 70 | 65137 | 4.133 | ng/ul# | 51 |
| 17) Hexachloroethane | 8.63 | 117 | 11653 | 1.440 | ng/ul# | 6 |
| 20) Nitrobenzene | 8.77 | 77 | 32687 | 1.621 | ng/ul# | 39 |
| 21) Isophorone | 9.29 | 82 | 258101 | 6.463 | ng/ul# | 1 |
| 23) 2-Nitrophenol | 9.49 | 139 | 22696 | 2.696 | ng/ul# | 1 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 26780 | 1.067 | ng/ul# | 1 |
| 28) Naphthalene | 10.36 | 128 | 89394 | 1.615 | ng/ul# | 1 |
| 32) Caprolactam | 11.29 | 113 | 77371 | 15.213 | ng/ul# | 1 |
| 34) 2-Methylnaphthalene | 11.89 | 142 | 92464 | 2.281 | ng/ul# | 15 |
| 40) 1,1'-Biphenyl | 13.06 | 154 | 1839961 | 30.703 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.69 | 163 | 72400 | 1.244 | ng/ul# | 68 |
| 45) 2,6-Dinitrotoluene | 13.85 | 165 | 13697 | 1.364 | ng/ul# | 37 |
| 47) Acenaphthylene | 13.95 | 152 | 895387 | 12.705 | ng/ul# | 75 |
| 49) Acenaphthene | 14.30 | 153 | 3172850 | 65.948 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.60 | 165 | 62618 | 4.324 | ng/ul# | 41 |
| 58) Fluorene | 15.29 | 166 | 2712336 | 50.180 | ng/ul# | 97 |
| 64) N-Nitrosodiphenylamine | 15.37 | 169 | 235893 | 4.893 | ng/ul | 98 |
| 69) Phenanthrene | 17.03 | 178 | 10690869 | 124.632 | ng/ul | 96 |
| 71) Anthracene | 17.12 | 178 | 1995117 | 22.832 | ng/ul | 98 |
| 76) Fluoranthene | 19.06 | 202 | 1749605 | 18.389 | ng/ul# | 95 |
| 79) Pyrene | 19.42 | 202 | 2689272 | 28.199 | ng/ul# | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 09 02:34:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 82) Benzo(a)anthracene | 21.25 | 228 | 869972 | 9.442 | ng/ul | 92 |
| 84) Chrysene | 21.25 | 228 | 863414 | 10.096 | ng/ul | 95 |
| 87) Benzo(b)fluoranthene | 22.76 | 252 | 594690 | 7.734 | ng/ul | 97 |
| 88) Benzo(k)fluoranthene | 22.76 | 252 | 594690 | 8.098 | ng/ul | 96 |
| 90) Benzo(a)pyrene | 23.31 | 252 | 603585 | 8.351 | ng/ul# | 90 |
| 91) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 267585 | 3.349 | ng/ul | 96 |
| 92) Dibenzo(a,h)anthracene | 25.59 | 278 | 81525 | 1.202 | ng/ul# | 77 |
| 93) Benzo(g,h,i)perylene | 26.25 | 276 | 281512 | 4.260 | ng/ul# | 94 |

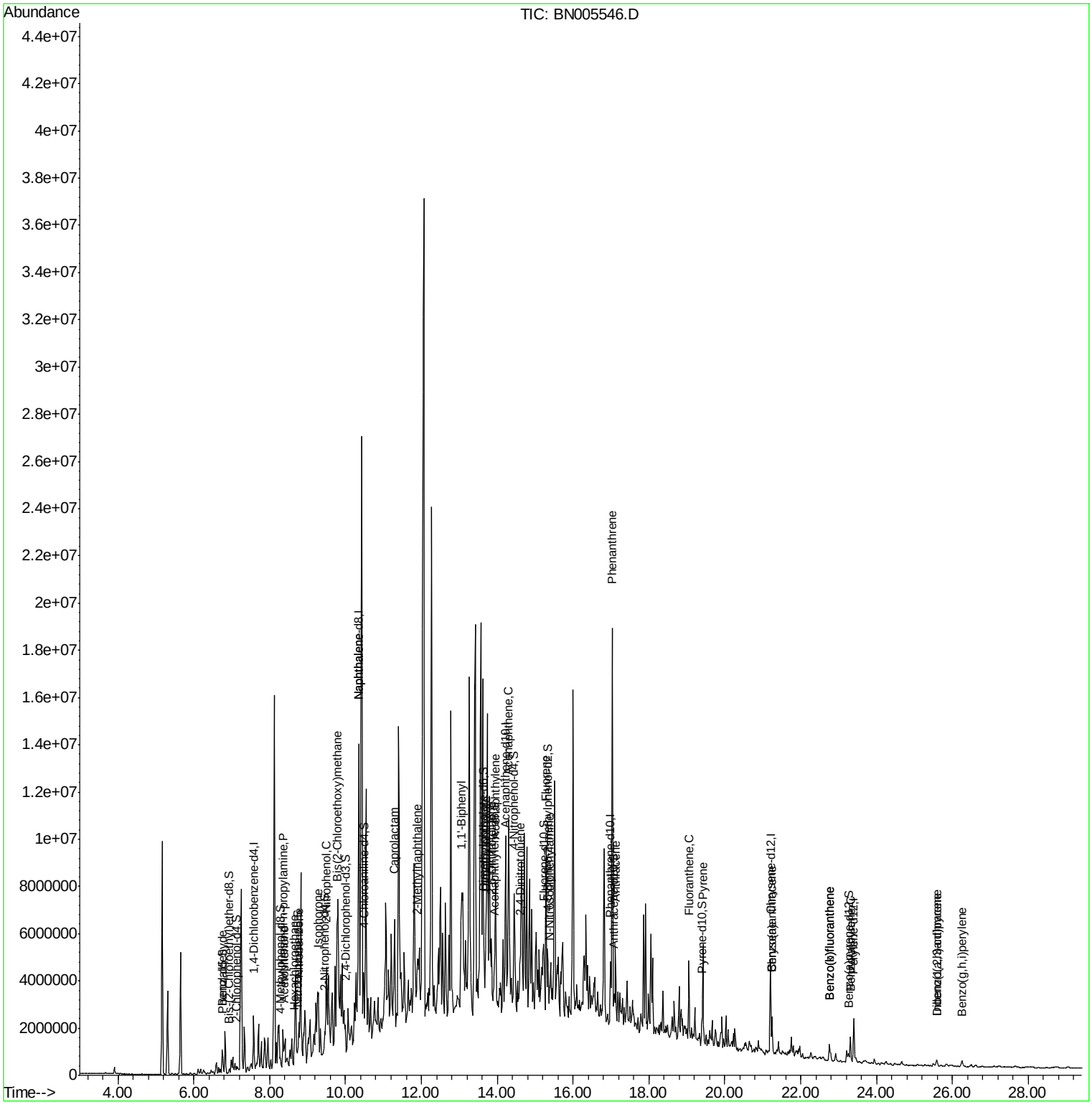
(#) = qualifier out of range (m) = manual integration (+) = signals summed

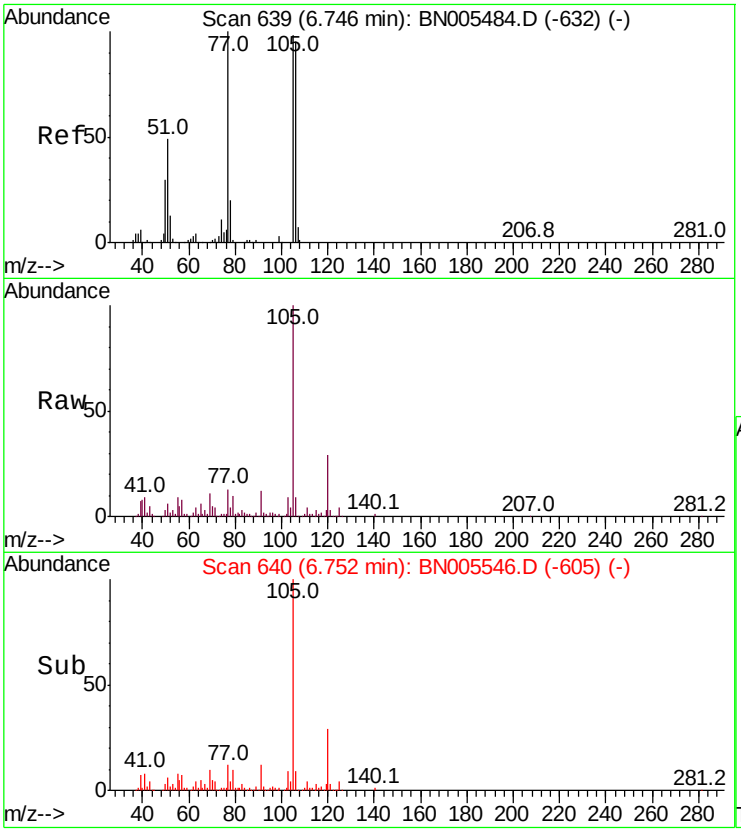
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 09 02:34:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



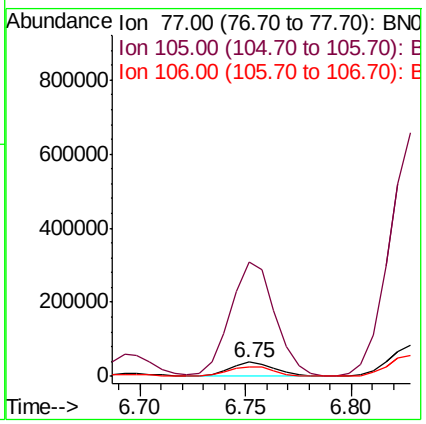


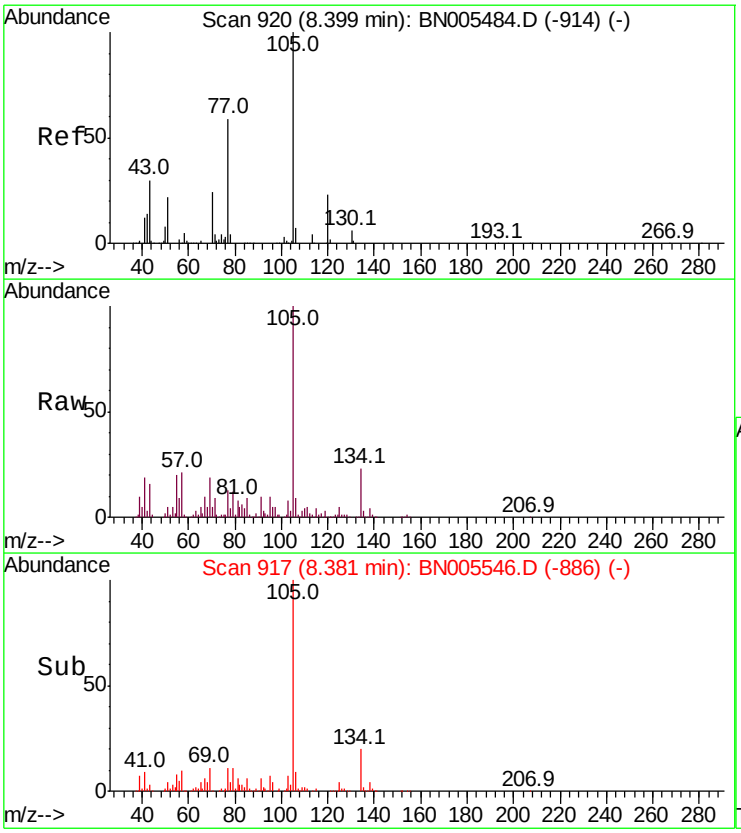

#4
Benzaldehyde
Concen: 3.341 ng/ul
RT: 6.75 min Scan# 640
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion: 77 Resp: 55759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 791.2 | 77.4 | 116.2# |
| 106 | 68.5 | 76.3 | 114.5# |

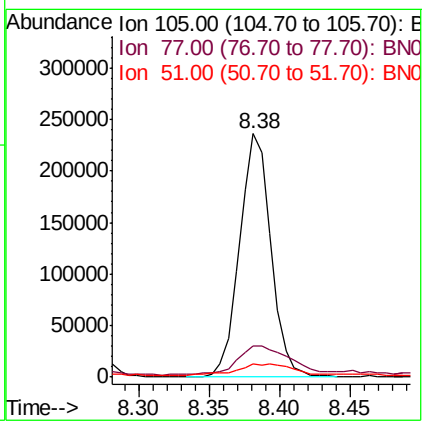


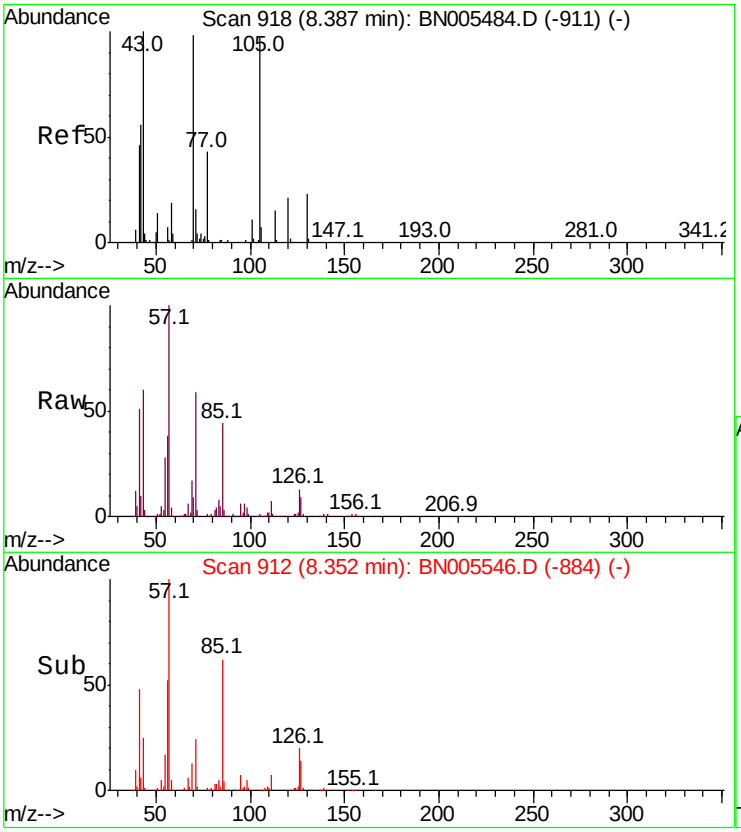




#14
Acetophenone
Concen: 12.403 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. -0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:105 Resp: 365446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 12.9 | 63.4 | 95.0# |
| 51 | 5.3 | 24.2 | 36.4# |



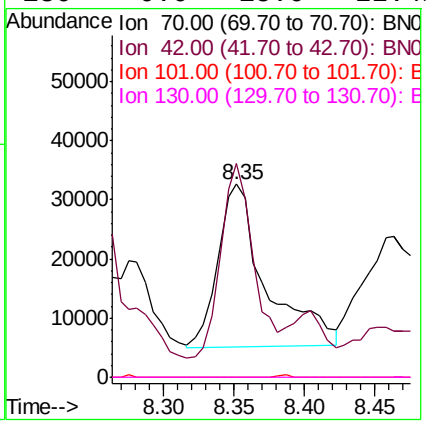


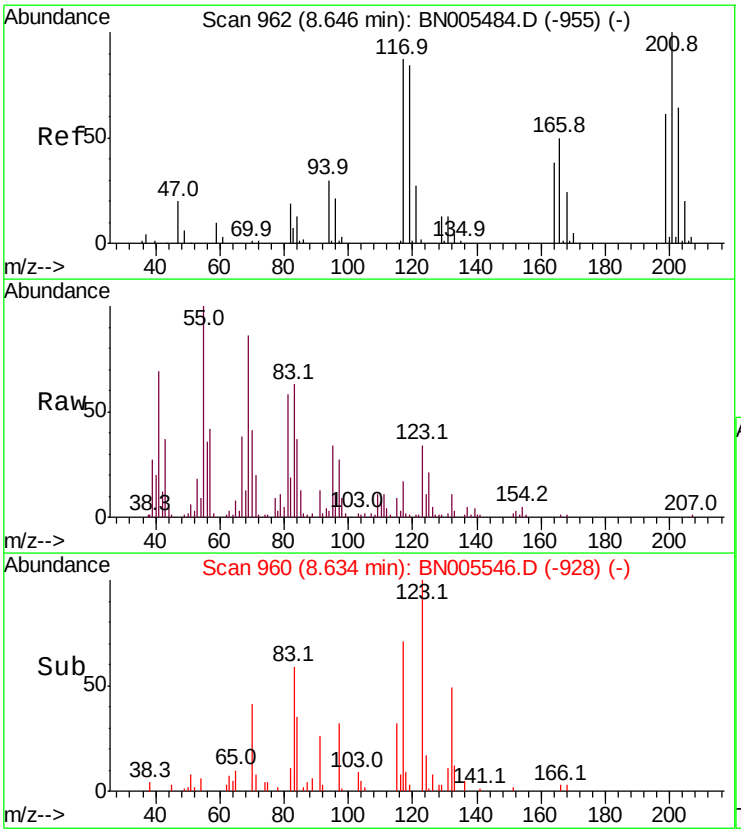

#15
N-Nitroso-di-n-propylamine
Concen: 4.133 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. -0.04 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion: 70 Resp: 65137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 110.8 | 53.8 | 80.8# |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 0.0 | 15.0 | 22.4# |

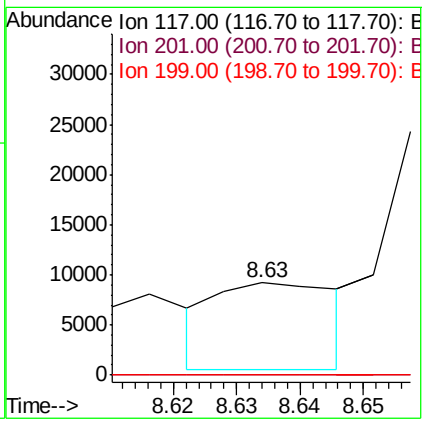


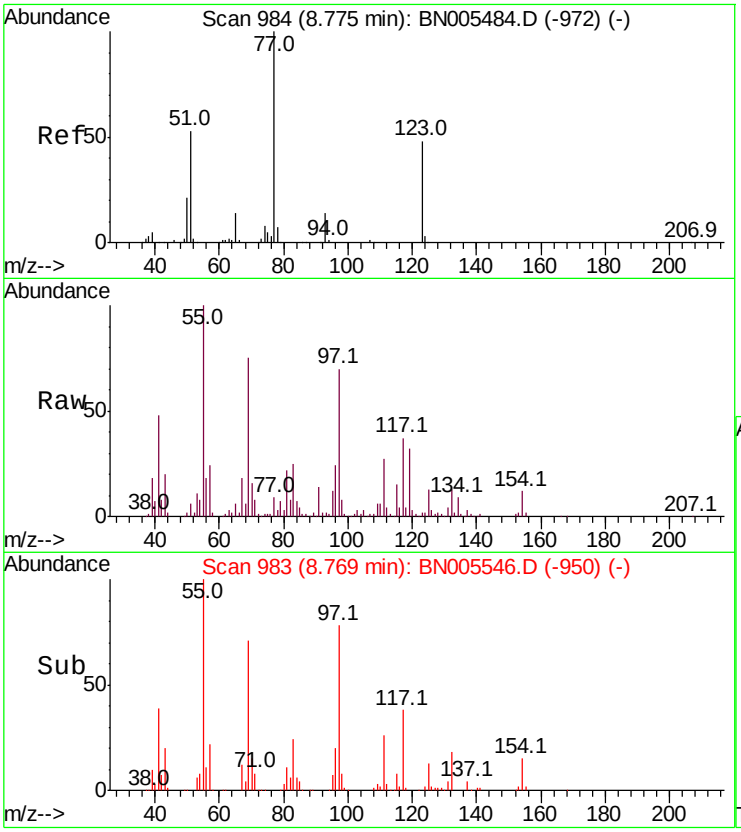




#17
Hexachloroethane
Concen: 1.440 ng/ul
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:117 Resp: 11653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 84.1 | 126.1# |
| 199 | 0.0 | 51.2 | 76.8# |



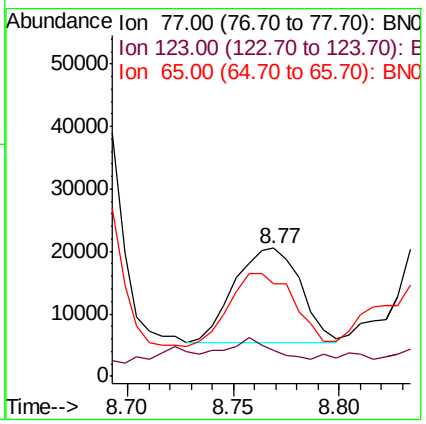


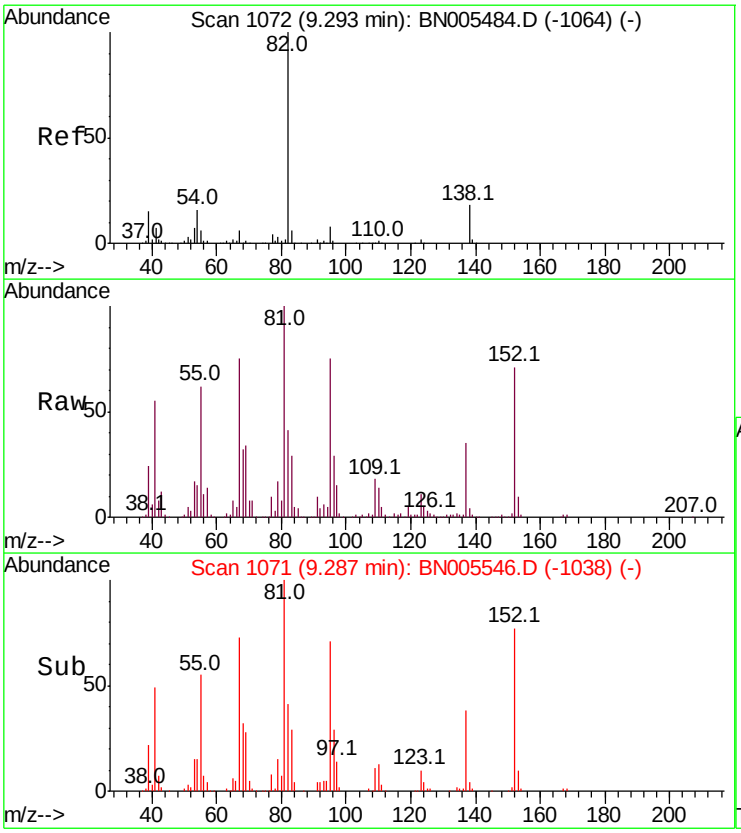

#20
Nitrobenzene
Concen: 1.621 ng/ul
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion: 77 Resp: 32687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 20.6 | 32.6 | 49.0# |
| 65 | 72.2 | 11.6 | 17.4# |

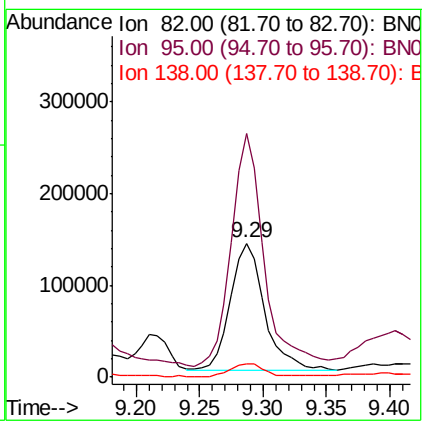


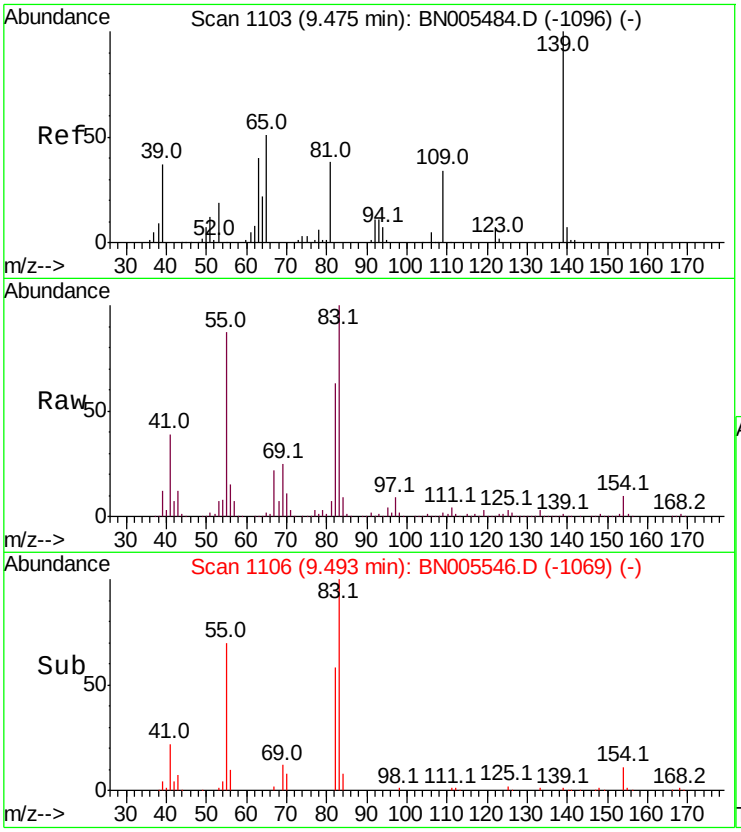




#21
Isophorone
Concen: 6.463 ng/ul
RT: 9.29 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion: 82 Resp: 258101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 181.5 | 6.2 | 9.2# |
| 138 | 9.6 | 13.2 | 19.8# |



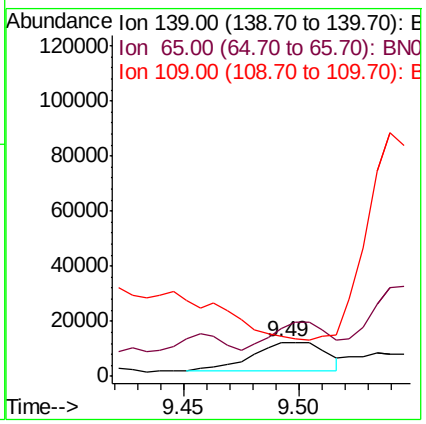


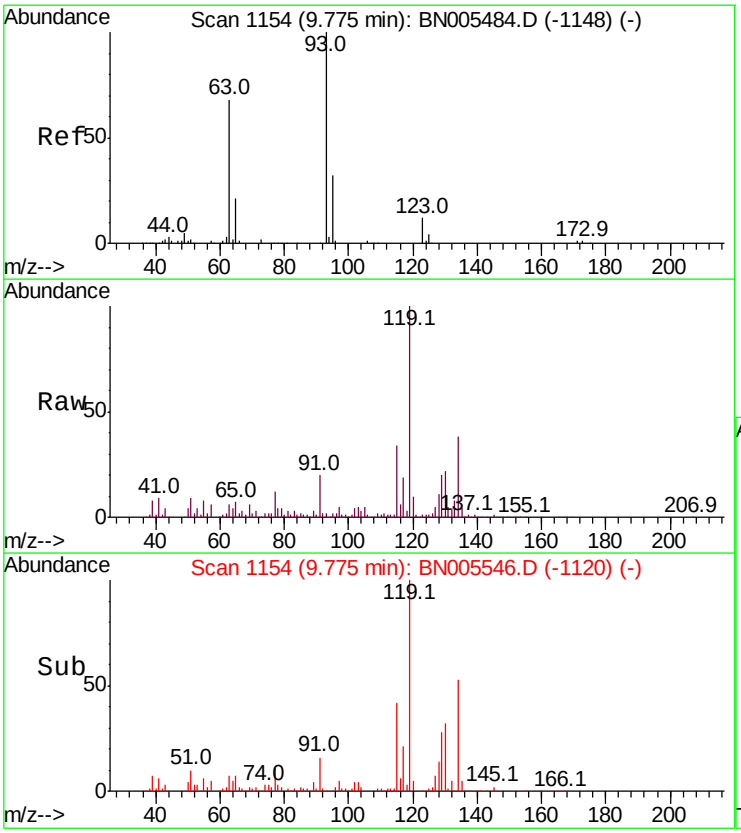

#23
2-Nitrophenol
Concen: 2.696 ng/ul
RT: 9.49 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:139 Resp: 22696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 138.2 | 44.2 | 66.4# |
| 109 | 117.8 | 26.8 | 40.2# |

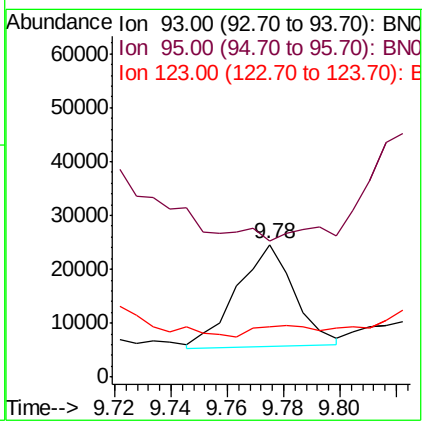


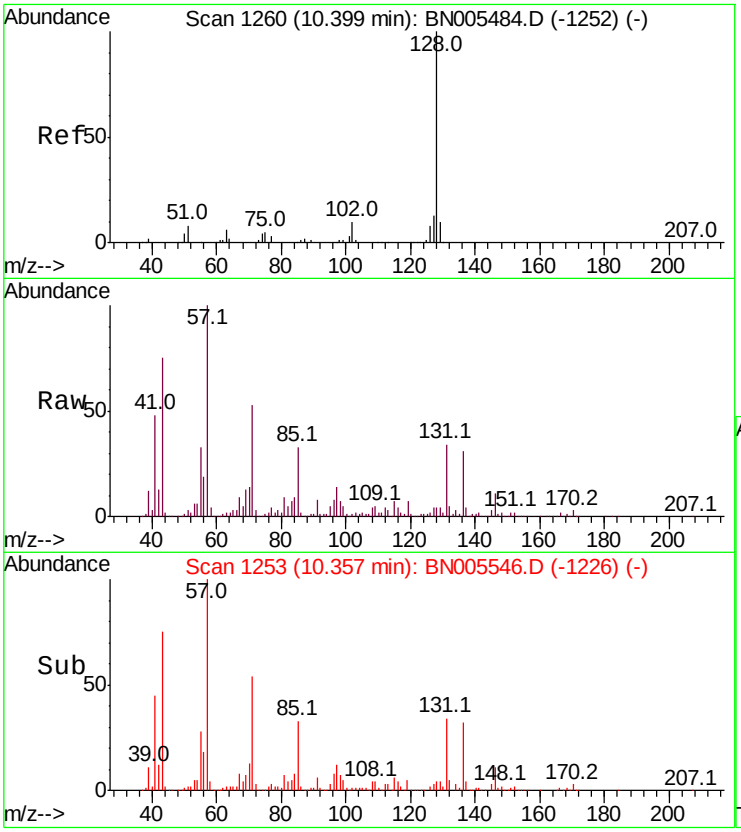




#25
Bis(2-Chloroethoxy)methane
Concen: 1.067 ng/ul
RT: 9.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion: 93 Resp: 26780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 102.4 | 26.6 | 39.8# |
| 123 | 38.0 | 8.9 | 13.3# |



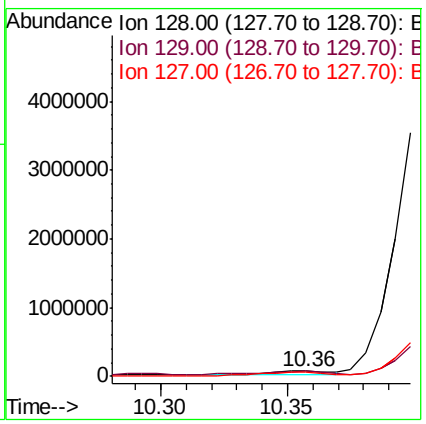


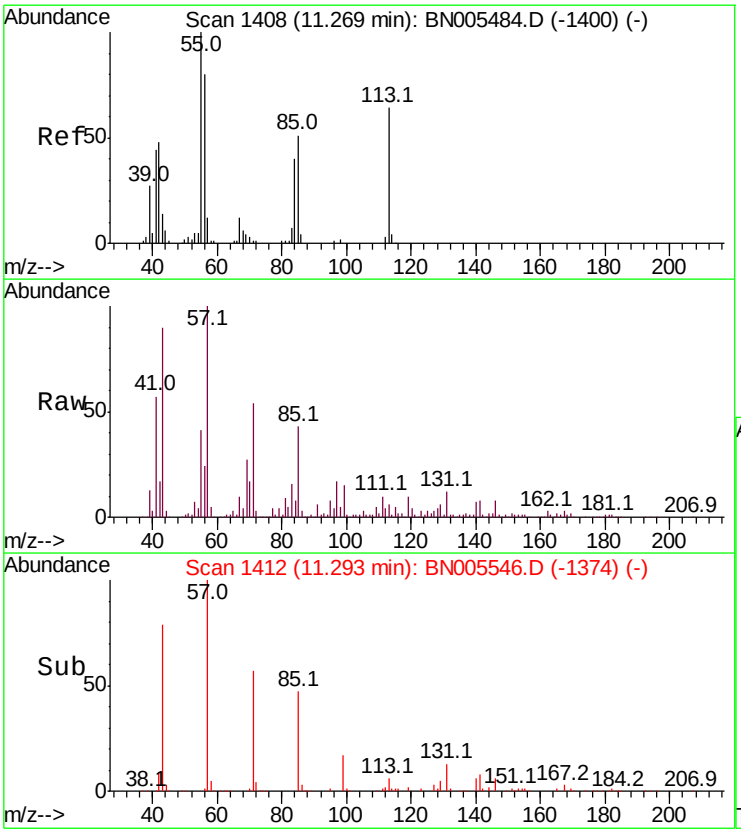

#28
Naphthalene
Concen: 1.615 ng/ul
RT: 10.36 min Scan# 1253
Delta R.T. -0.04 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:128 Resp: 89394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 105.9 | 9.2 | 13.8# |
| 127 | 91.5 | 10.7 | 16.1# |

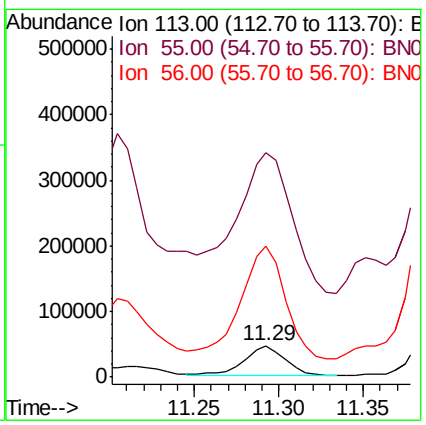


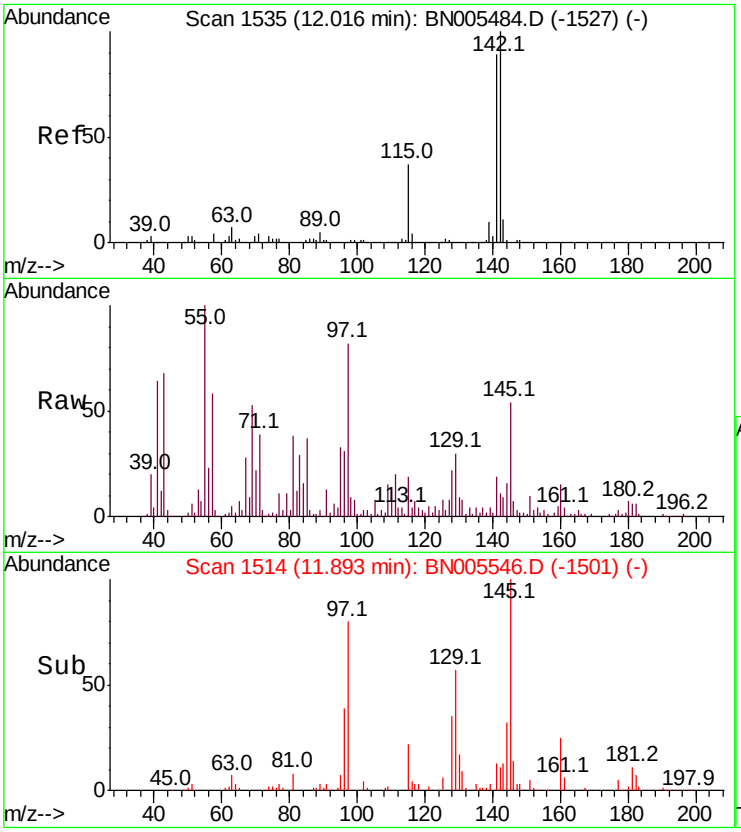




#32
Caprolactam
Concen: 15.213 ng/ul
RT: 11.29 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:113 Resp: 77371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 718.6 | 157.0 | 235.4# |
| 56 | 421.1 | 119.1 | 178.7# |



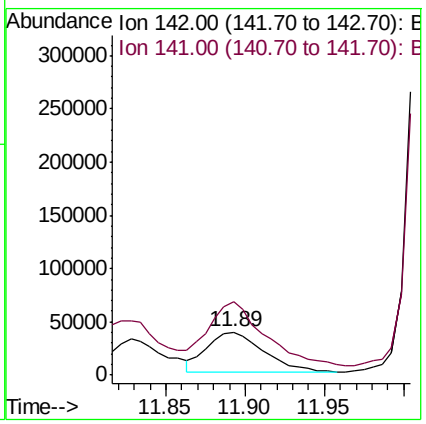


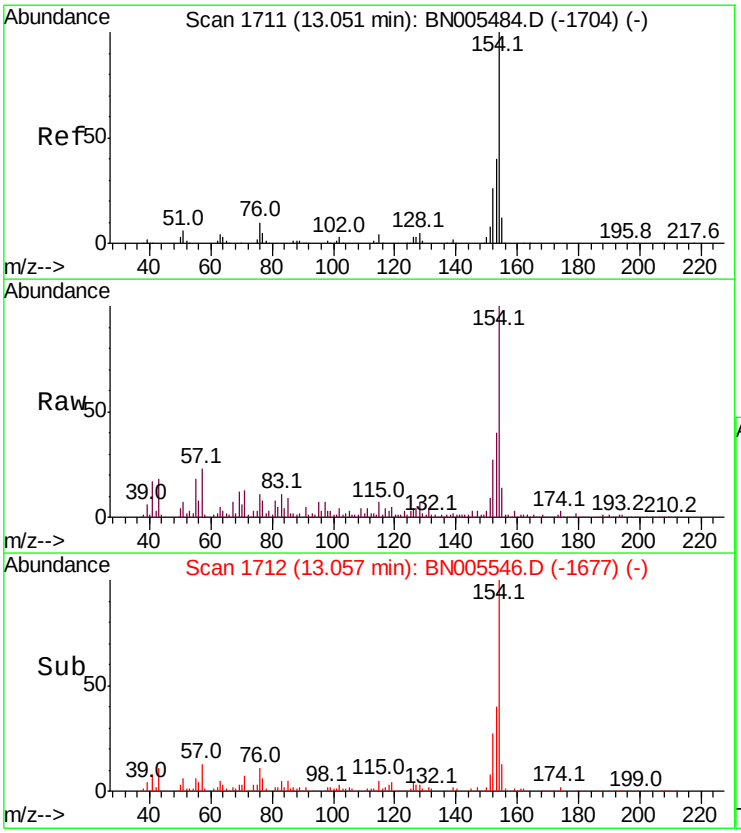

#34
2-Methylnaphthalene
Concen: 2.281 ng/ul
RT: 11.89 min Scan# 1514
Delta R.T. -0.12 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:142 Resp: 92464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 170.0 | 72.0 | 108.0# |

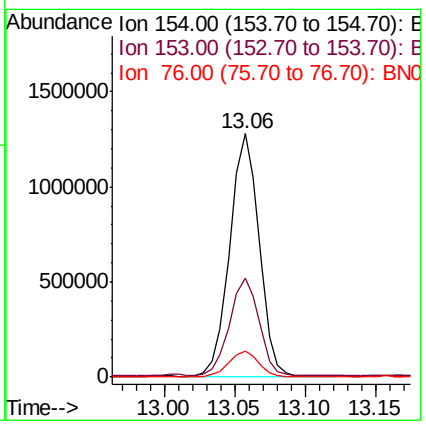


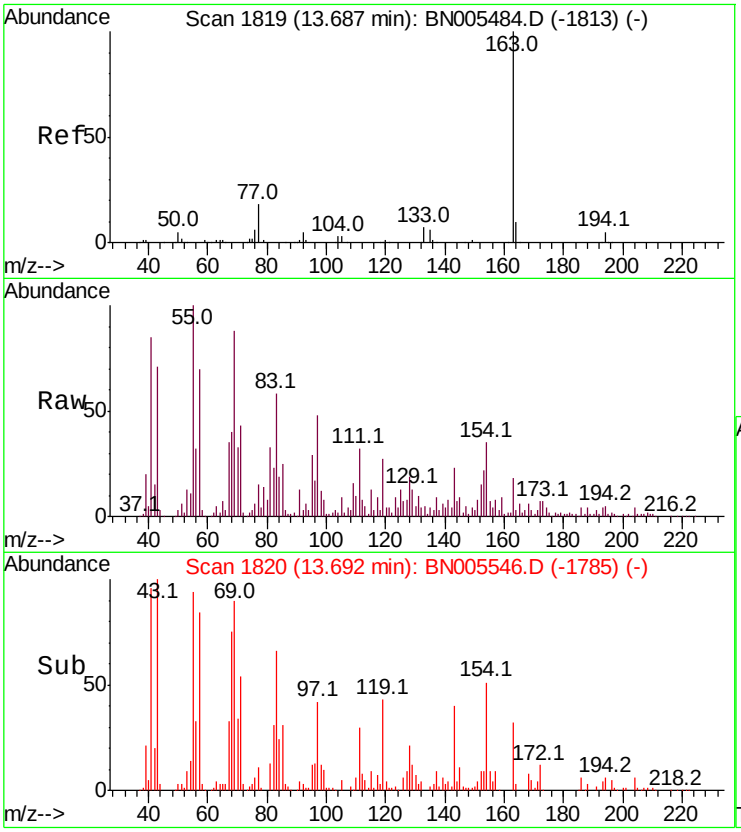




#40
1,1'-Biphenyl
Concen: 30.703 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:154 Resp: 1839961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 32.6 | 49.0 |
| 76 | 10.8 | 10.4 | 15.6 |



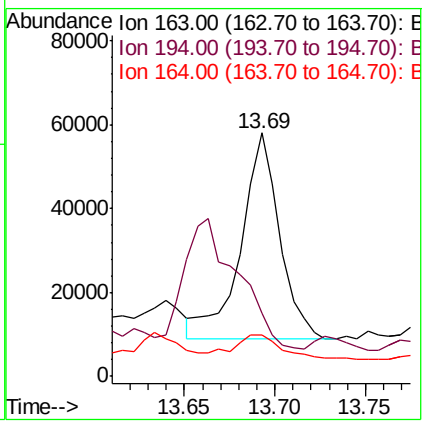


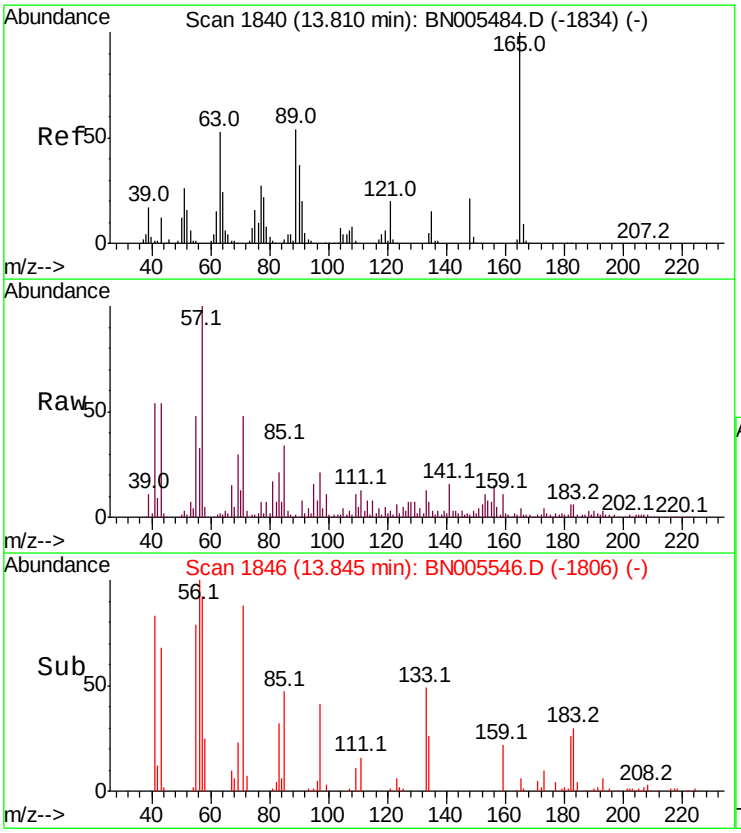

#44
Dimethylphthalate
Concen: 1.244 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:163 Resp: 72400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 25.8 | 3.4 | 5.0# |
| 164 | 17.0 | 8.1 | 12.1# |

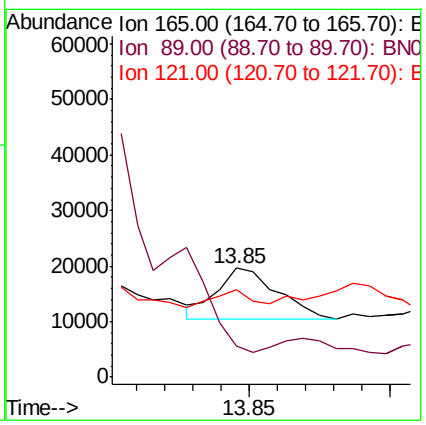


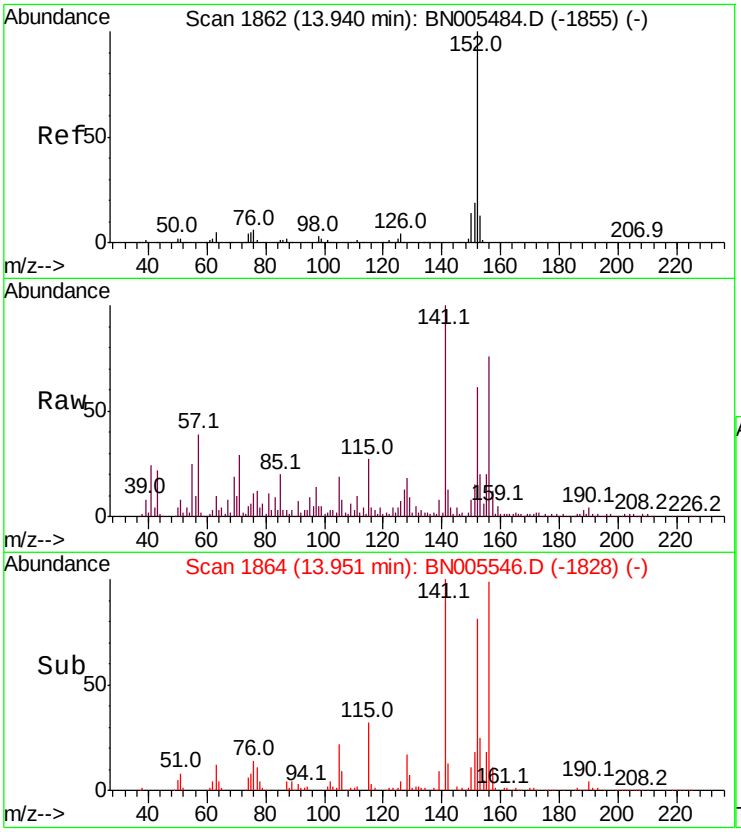




#45
2,6-Dinitrotoluene
Concen: 1.364 ng/ul
RT: 13.85 min Scan# 1846
Delta R.T. 0.04 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:165 Resp: 13697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 28.7 | 50.2 | 75.2# |
| 121 | 80.3 | 19.4 | 29.2# |



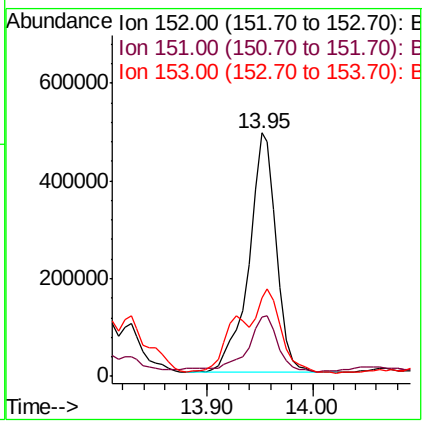


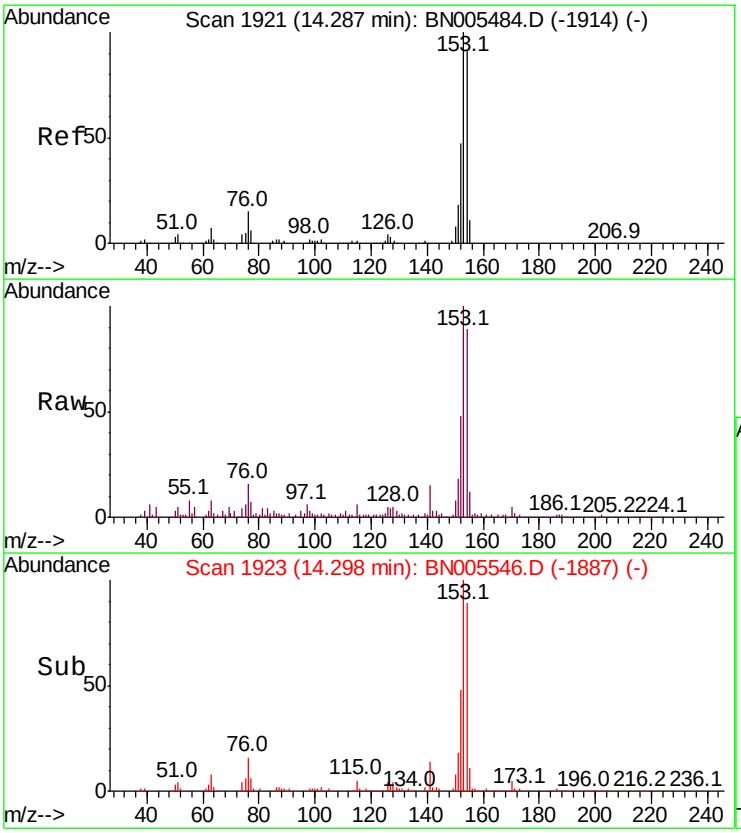

#47
Acenaphthylene
Concen: 12.705 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:152 Resp: 895387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 24.2 | 15.8 | 23.8# |
| 153 | 32.3 | 9.8 | 14.8# |

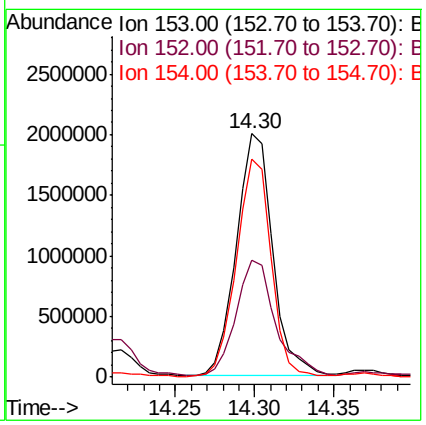


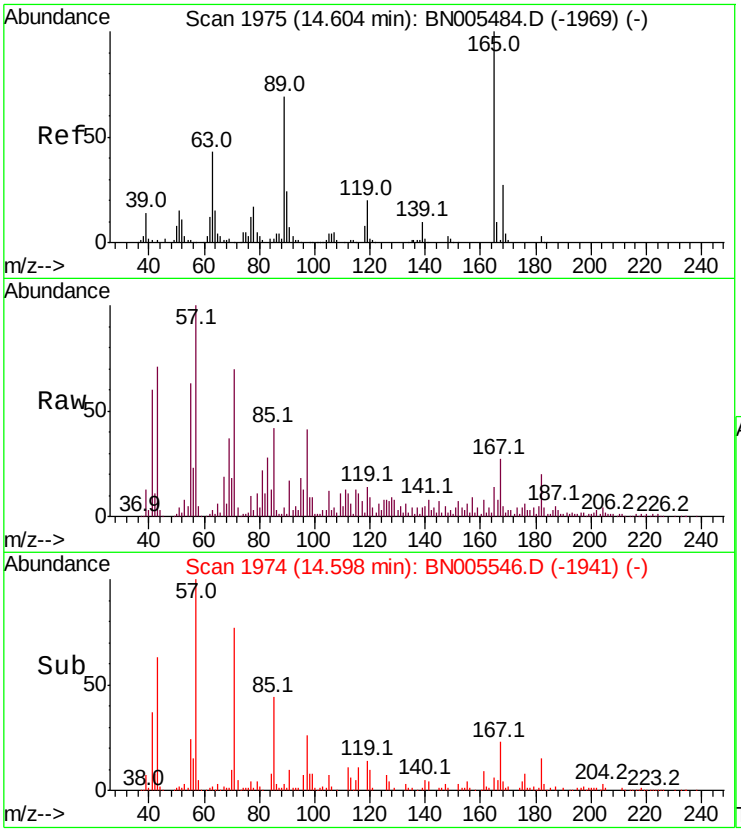




#49
Acenaphthene
Concen: 65.948 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:153 Resp: 3172850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.1 | 37.4 | 56.0 |
| 154 | 89.3 | 71.2 | 106.8 |



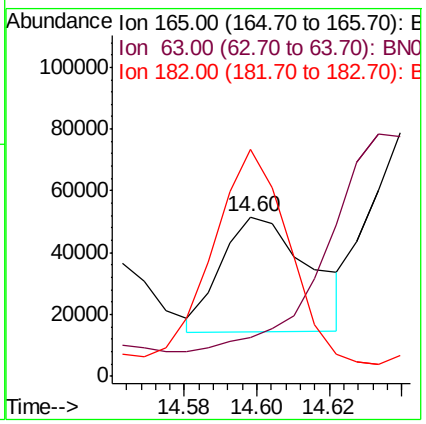


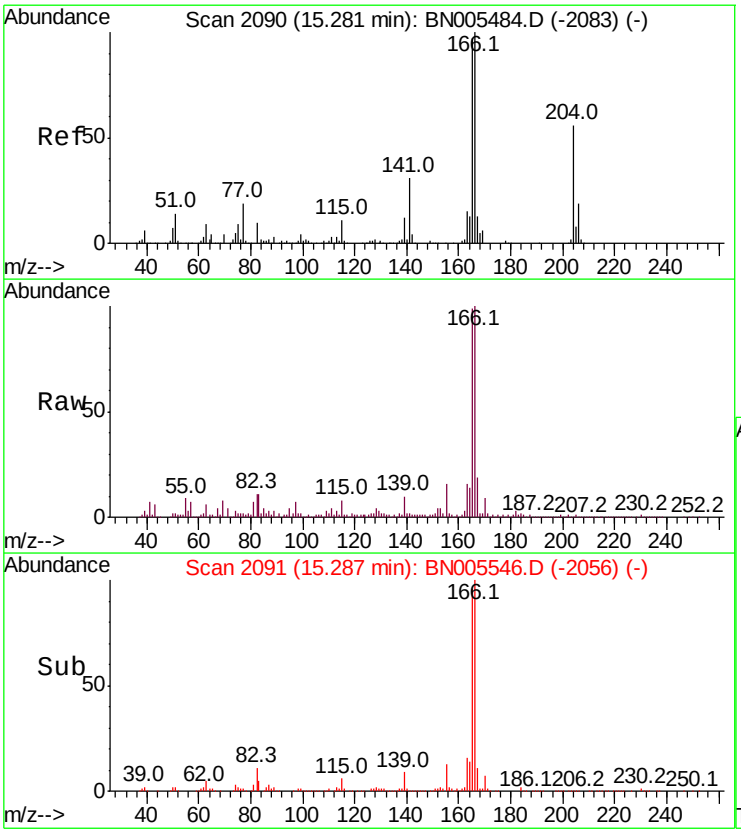

#54
2,4-Dinitrotoluene
Concen: 4.324 ng/ul
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:165 Resp: 62618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 24.7 | 38.9 | 58.3# |
| 182 | 142.2 | 2.6 | 3.8# |

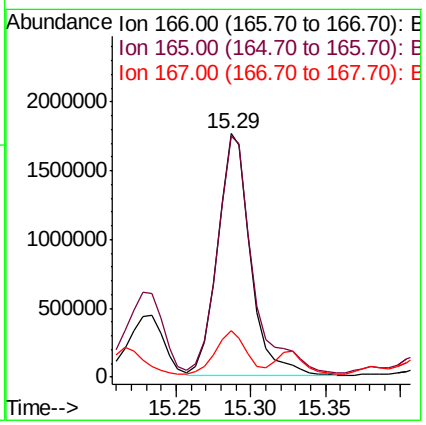


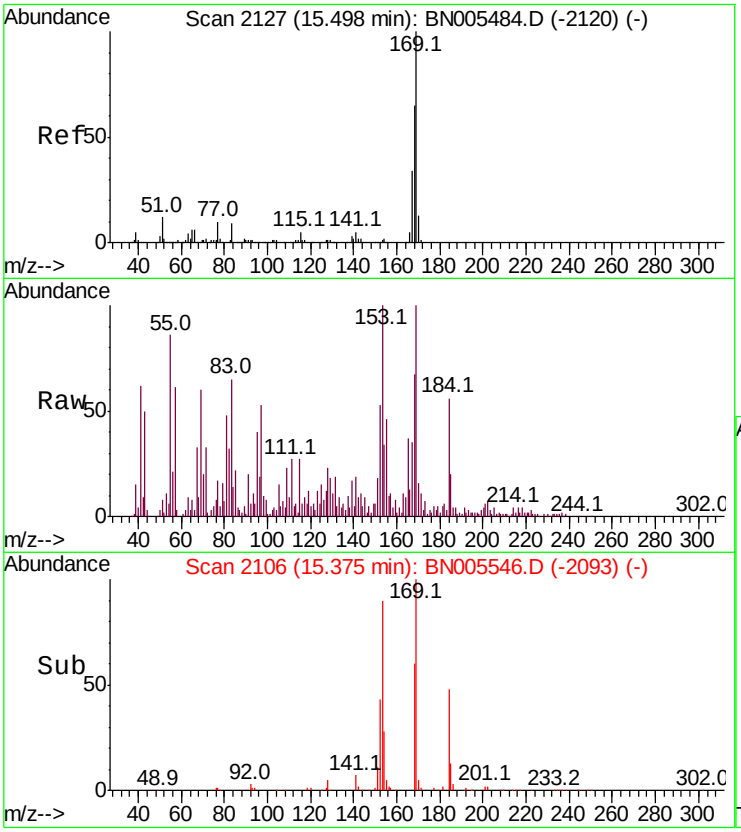




#58
Fluorene
Concen: 50.180 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:166 Resp: 2712336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.0 | 80.0 | 120.0 |
| 167 | 19.4 | 10.7 | 16.1# |



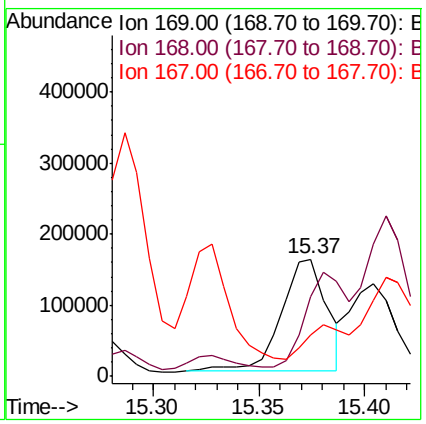


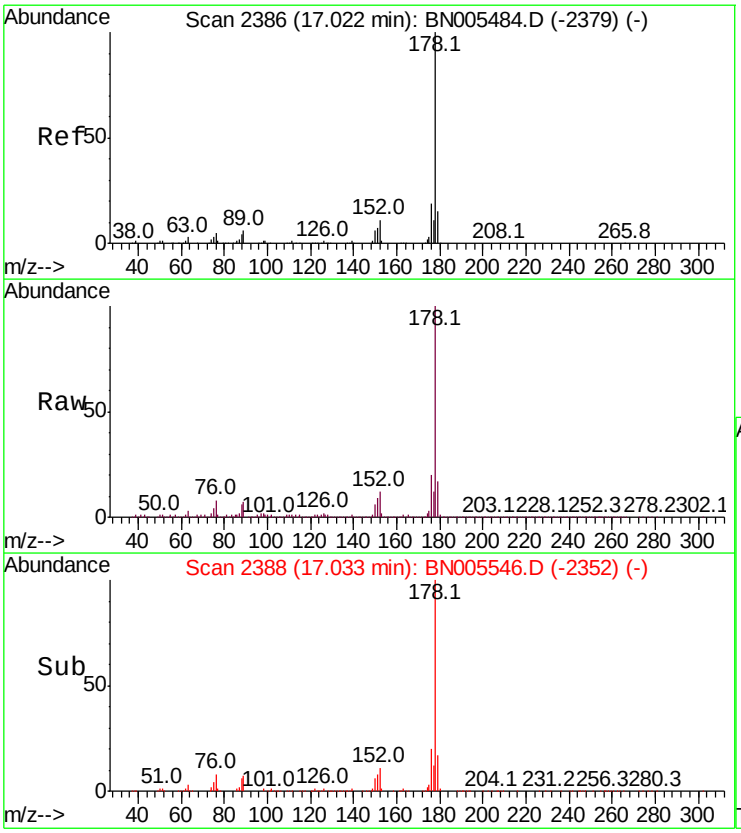

#64
N-Nitrosodiphenylamine
Concen: 4.893 ng/ul
RT: 15.37 min Scan# 2106
Delta R.T. -0.12 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:169 Resp: 235893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 52.2 | 78.2 |
| 167 | 35.3 | 27.7 | 41.5 |

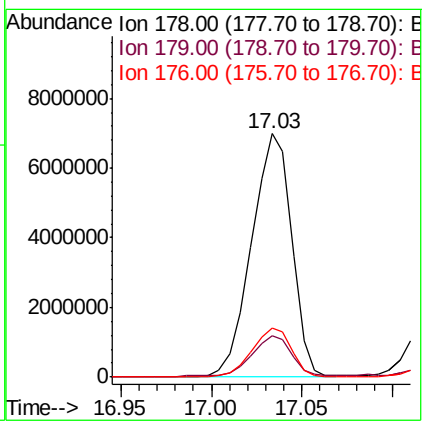


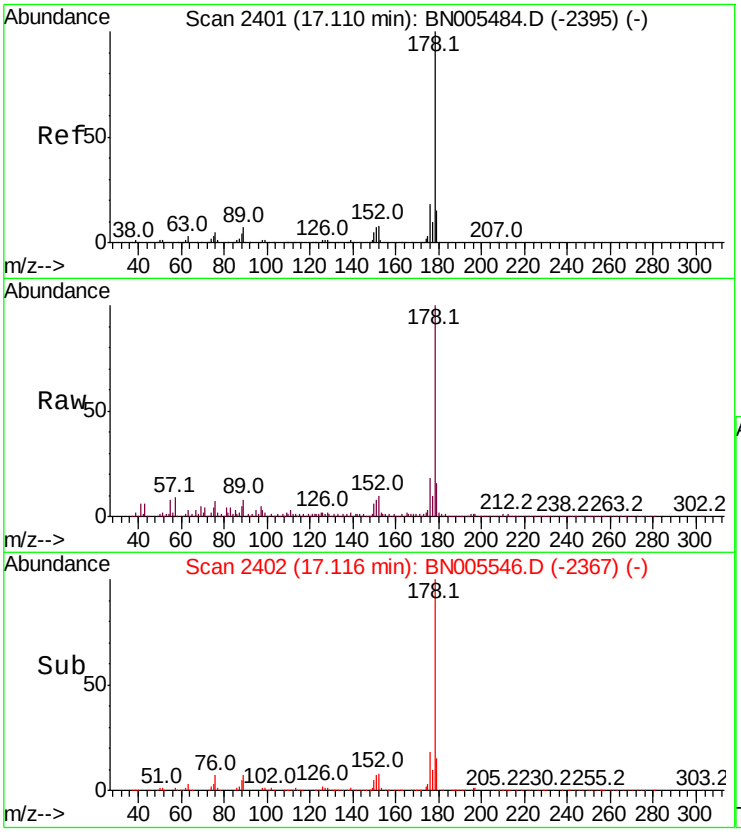




#69
Phenanthrene
Concen: 124.632 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:178 Resp:10690869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 17.2 | 12.2 | 18.4 |
| 176 | 20.4 | 15.1 | 22.7 |



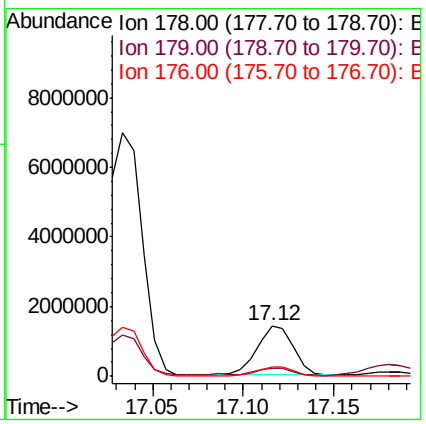


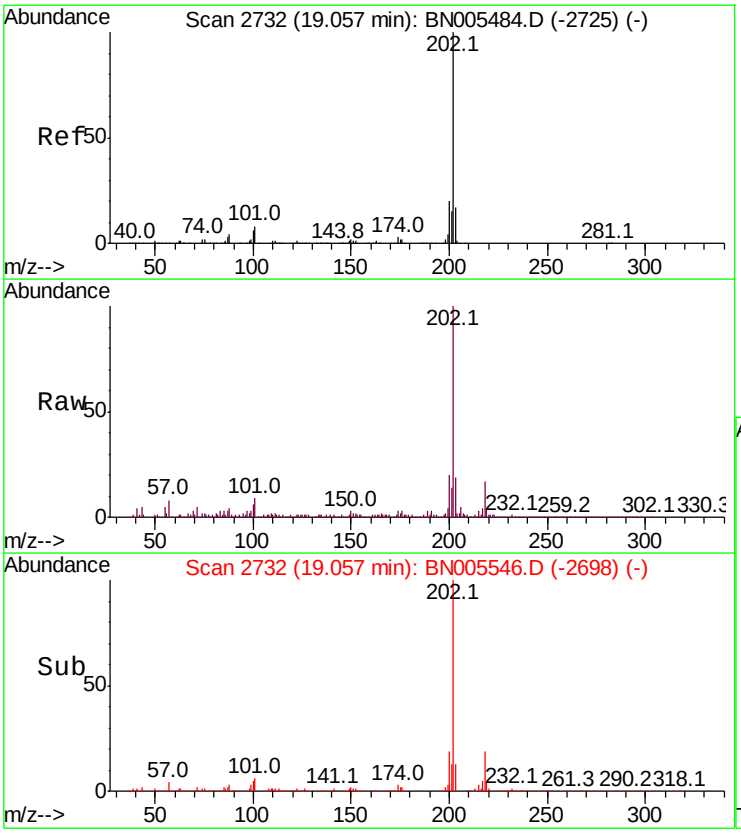

#71
Anthracene
Concen: 22.832 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:178 Resp: 1995117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.5 | 12.3 | 18.5 |
| 176 | 18.3 | 15.1 | 22.7 |

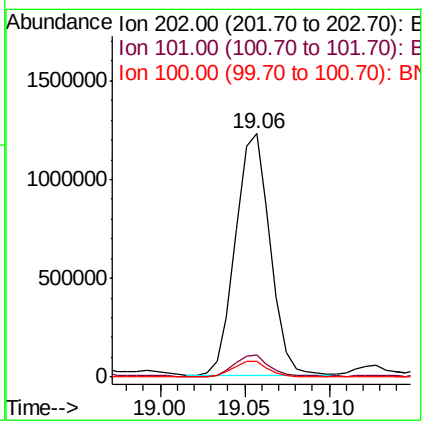


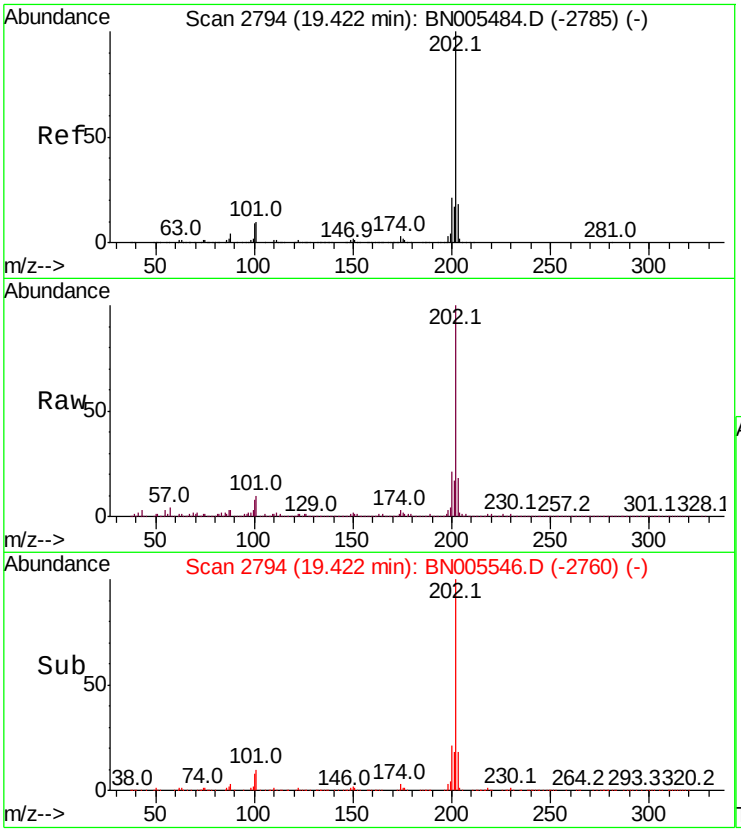




#76
Fluoranthene
Concen: 18.389 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:202 Resp: 1749605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.9 | 8.6 | 12.8 |
| 100 | 6.2 | 6.3 | 9.5# |



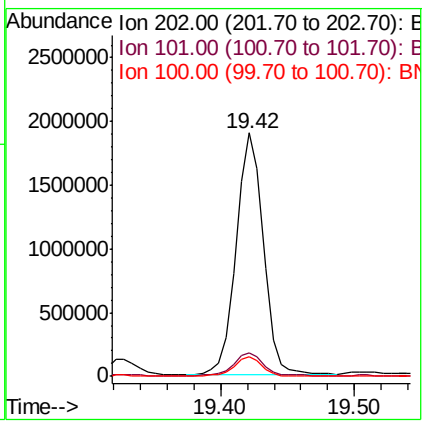


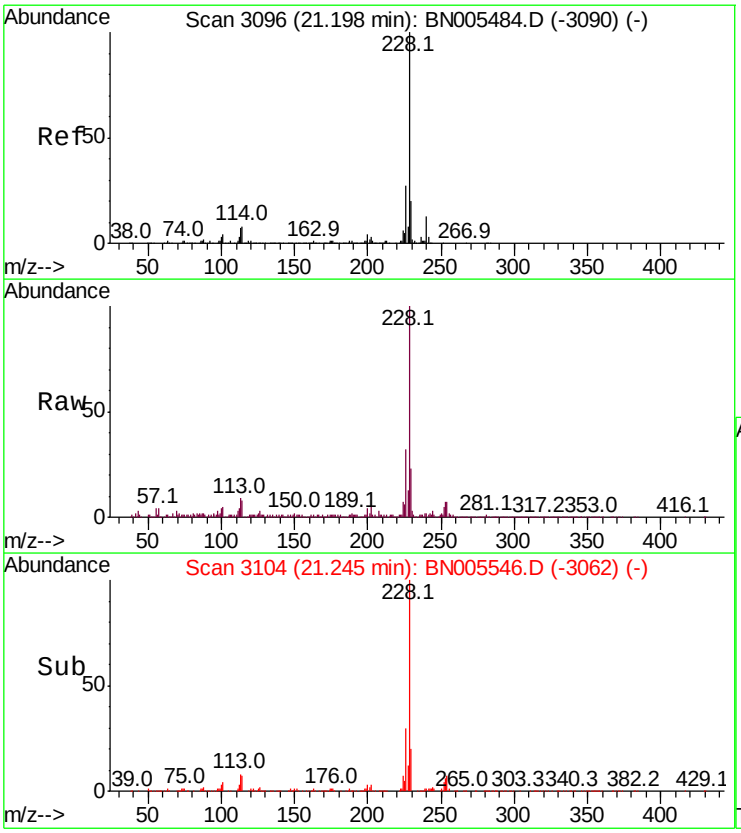

#79
Pyrene
Concen: 28.199 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:202 Resp: 2689272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.7 | 10.3 | 15.5# |
| 100 | 8.1 | 7.9 | 11.9 |

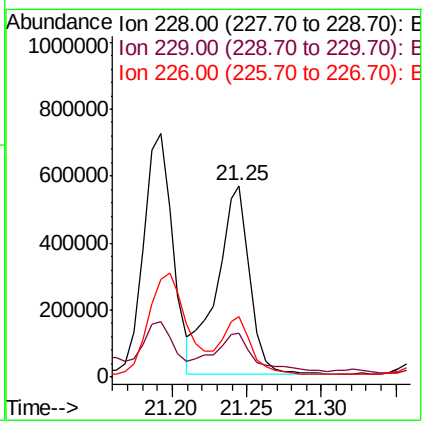


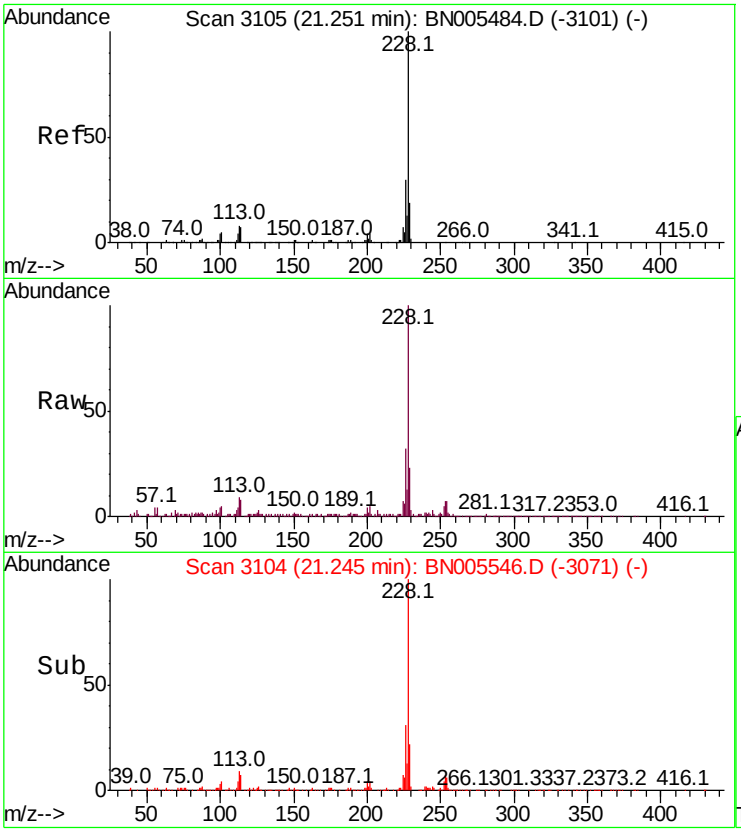




#82
Benzo(a)anthracene
Concen: 9.442 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:228 Resp: 869972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.8 | 15.8 | 23.6 |
| 226 | 31.6 | 21.4 | 32.2 |



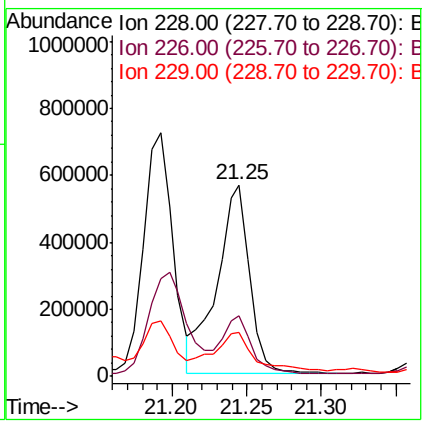


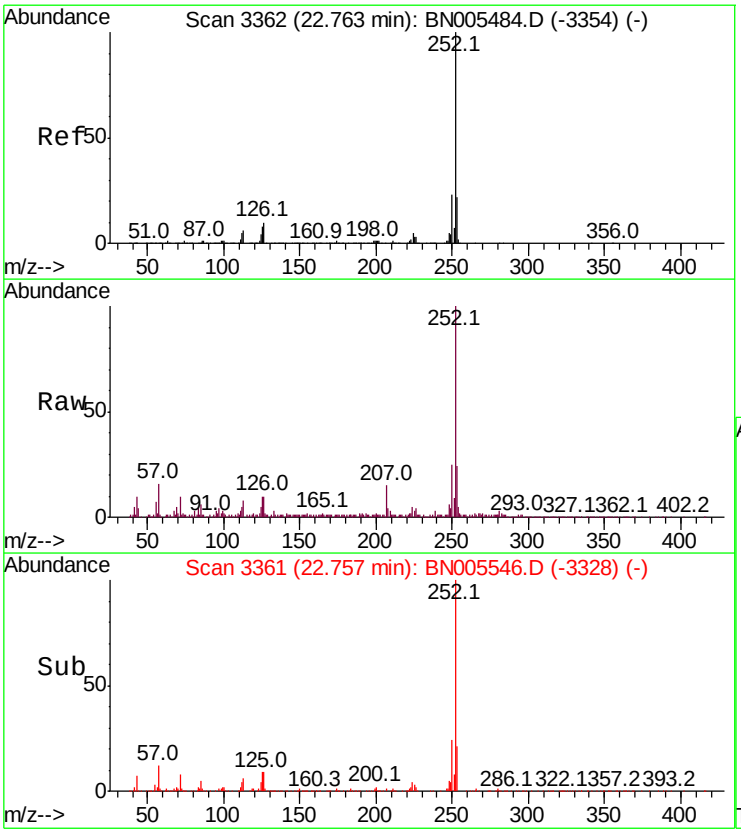

#84
Chrysene
Concen: 10.096 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:228 Resp: 863414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 24.0 | 36.0 |
| 229 | 22.8 | 15.4 | 23.0 |

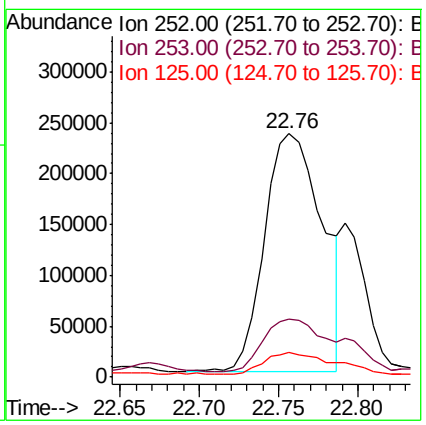


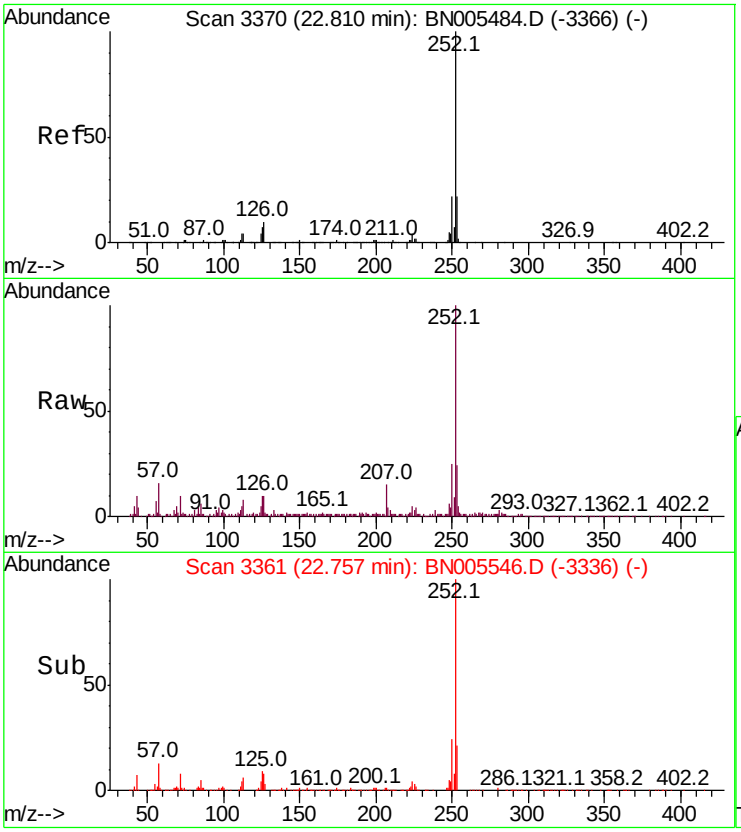




#87
Benzo(b)fluoranthene
Concen: 7.734 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:252 Resp: 594690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.7 | 26.5 |
| 125 | 10.0 | 8.4 | 12.6 |



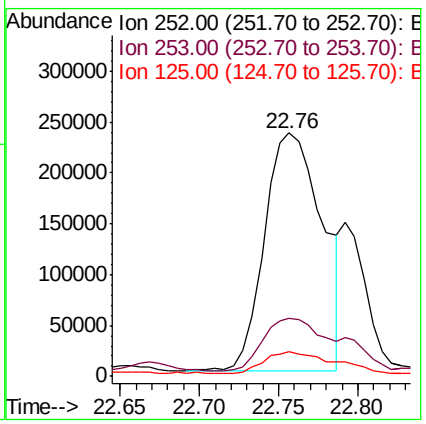


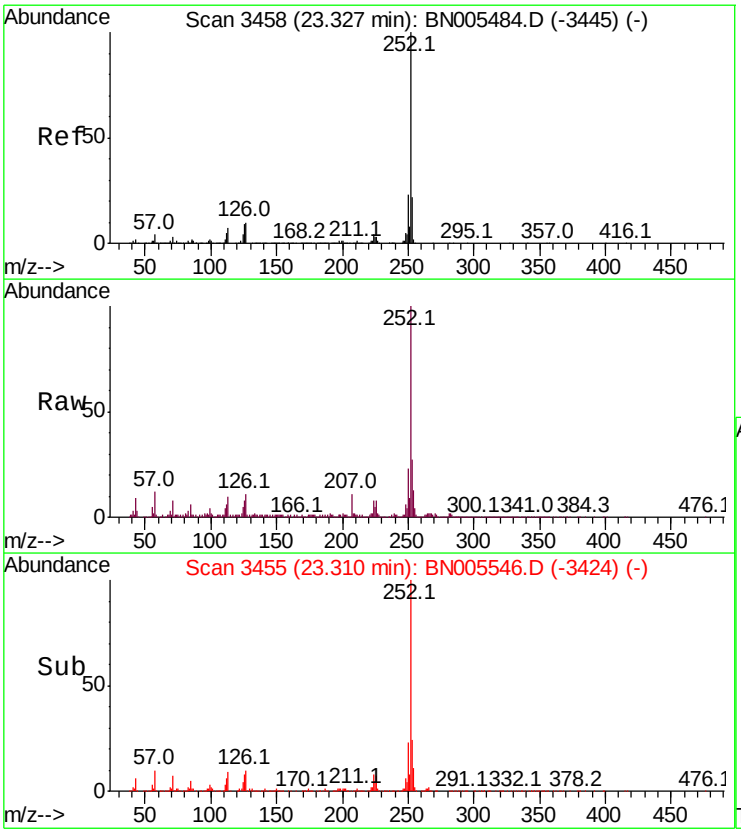

#88
Benzo(k)fluoranthene
Concen: 8.098 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:252 Resp: 594690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.4 | 26.0 |
| 125 | 10.0 | 7.5 | 11.3 |

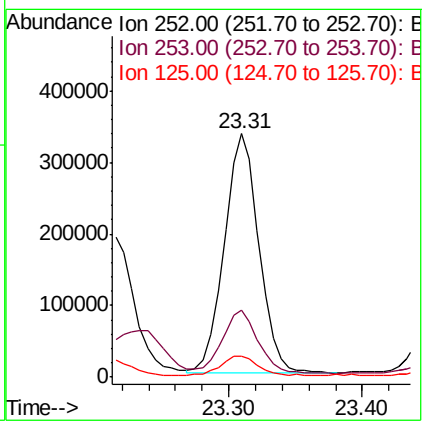


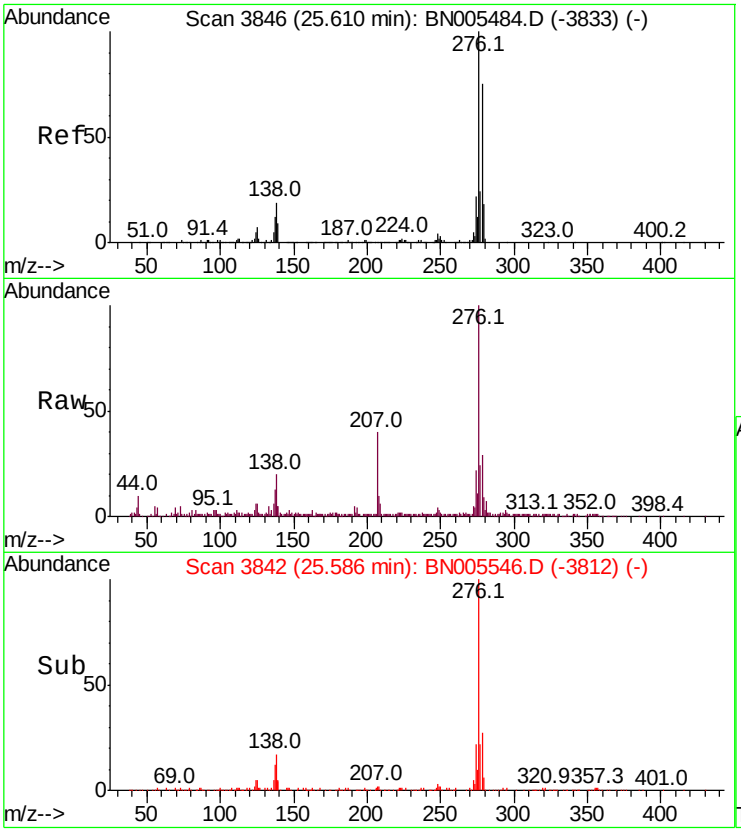




#90
Benzo(a)pyrene
Concen: 8.351 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:252 Resp: 603585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.4 | 17.3 | 25.9# |
| 125 | 8.4 | 8.6 | 13.0# |



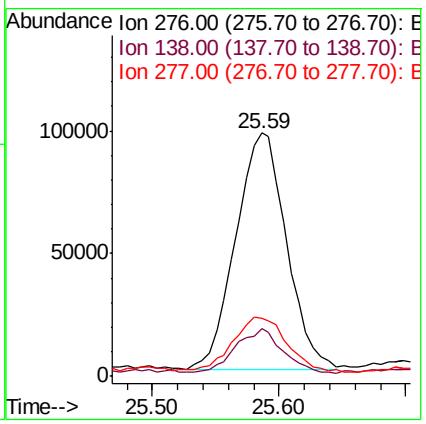


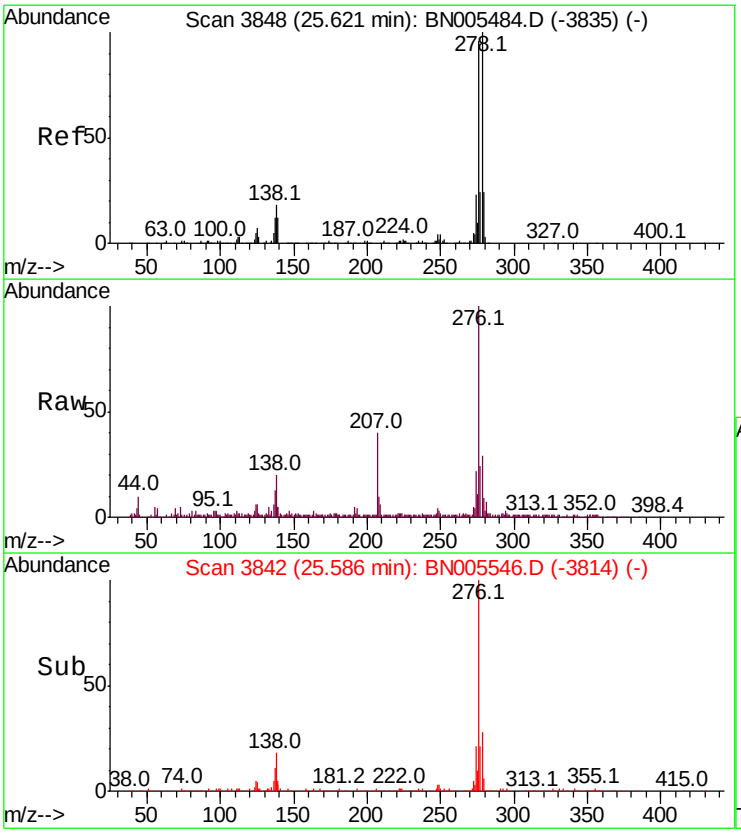

#91
Indeno(1,2,3-cd)pyrene
Concen: 3.349 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:276 Resp: 267585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.6 | 17.9 | 26.9 |
| 277 | 23.7 | 19.7 | 29.5 |

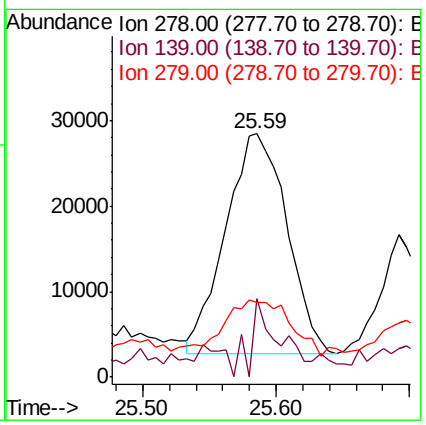


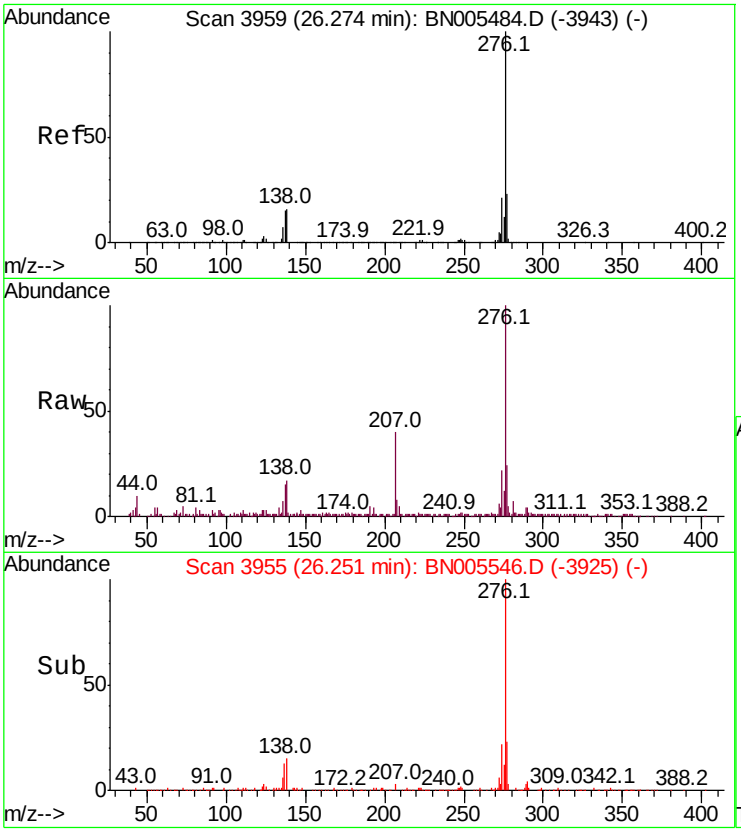




#92
Dibenzo(a,h)anthracene
Concen: 1.202 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

Tgt Ion:278 Resp: 81525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 32.4 | 13.1 | 19.7# |
| 279 | 30.5 | 19.4 | 29.0# |






#93
Benzo(g,h,i)perylene
Concen: 4.260 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.02 min
Lab File: BN005546.D
Acq: 08 May 2019 23:27

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

Tgt Ion:276 Resp: 281512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.7 | 16.7 | 25.1# |
| 277 | 24.2 | 18.2 | 27.2 |