Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002381.D
Acq On : 10 Jun 2020 18:50
Operator : CG/JU
Sample : PB129457BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB129457BL

Quant Time: Jun 11 04:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 199988 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.36 | 136 | 793907 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.24 | 164 | 534400 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.99 | 188 | 1234400 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.10 | 240 | 1339535 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.30 | 264 | 1445604 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 1215983 | 112.51 | ng | | 0.00 |
| 7) Phenol-d6 | 6.78 | 99 | 1568801 | 109.03 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.73 | 82 | 1054928 | 79.35 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 817309 | 159.74 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.86 | 172 | 2517505 | 79.21 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.59 | 244 | 4408552 | 86.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.15 | 88 | 174 | 0.035 | ng | # | 47 |
| 3) Pyridine | 3.55 | 79 | 30 | 0.002 | ng | # | 1 |
| 4) n-Nitrosodimethylamine | 3.44 | 42 | 86 | 0.015 | ng | # | 1 |
| 6) Aniline | 6.93 | 93 | 175 | 0.009 | ng | # | 1 |
| 8) 2-Chlorophenol | 7.08 | 128 | 108 | 0.009 | ng | | 89 |
| 9) Benzaldehyde | 6.70 | 77 | 83 | 0.011 | ng | # | 28 |
| 10) Phenol | 6.78 | 94 | 418 | 0.027 | ng | # | 1 |
| 11) bis(2-Chloroethyl)ether | 6.99 | 93 | 94 | 0.007 | ng | | 78 |
| 12) 1,3-Dichlorobenzene | 7.49 | 146 | 22 | 0.002 | ng | # | 63 |
| 13) 1,4-Dichlorobenzene | 7.63 | 146 | 16 | 0.001 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.97 | 146 | 34 | 0.003 | ng | # | 1 |
| 15) Benzyl Alcohol | 7.91 | 79 | 18180 | 1.630 | ng | # | 46 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 65 | 0.004 | ng | # | 1 |
| 17) 2-Methylphenol | 8.06 | 107 | 99 | 0.009 | ng | # | 3 |
| 18) Hexachloroethane | 8.69 | 117 | 62 | 0.012 | ng | # | 51 |
| 19) n-Nitroso-di-n-propylamine | 8.40 | 70 | 34 | 0.004 | ng | # | 55 |
| 20) 3+4-Methylphenols | 8.38 | 107 | 12 | 0.001 | ng | # | 1 |
| 22) Acetophenone | 8.39 | 105 | 97 | 0.005 | ng | # | 1 |
| 24) Nitrobenzene | 8.79 | 77 | 148 | 0.010 | ng | # | 69 |
| 25) Isophorone | 9.28 | 82 | 202 | 0.007 | ng | # | 68 |
| 26) 2-Nitrophenol | 9.48 | 139 | 23 | 0.004 | ng | # | 1 |
| 27) 2,4-Dimethylphenol | 9.61 | 122 | 6 | 0.001 | ng | | 86 |
| 28) bis(2-Chloroethoxy)methane | 9.79 | 93 | 135 | 0.008 | ng | # | 84 |
| 29) 2,4-Dichlorophenol | 10.04 | 162 | 38 | 0.003 | ng | # | 75 |
| 30) 1,2,4-Trichlorobenzene | 10.23 | 180 | 34 | 0.003 | ng | # | 44 |
| 31) Naphthalene | 10.40 | 128 | 119 | 0.003 | ng | # | 94 |
| 32) Benzoic acid | 9.73 | 122 | 13 | 0.002 | ng | # | 1 |
| 33) 4-Chloroaniline | 10.53 | 127 | 10 | 0.001 | ng | # | 1 |
| 34) Hexachlorobutadiene | 10.72 | 225 | 16 | 0.002 | ng | | 94 |
| 35) Caprolactam | 11.30 | 113 | 15 | 0.004 | ng | # | 1 |
| 36) 4-Chloro-3-methylphenol | 11.68 | 107 | 65 | 0.005 | ng | # | 15 |
| 37) 2-Methylnaphthalene | 12.02 | 142 | 29 | 0.001 | ng | # | 45 |
| 38) 1-Methylnaphthalene | 12.28 | 142 | 17 | 0.001 | ng | # | 28 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 16 | 0.001 | ng | # | 31 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002381.D
Acq On : 10 Jun 2020 18:50
Operator : CG/JU
Sample : PB129457BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB129457BL

Quant Time: Jun 11 04:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.40 | 237 | 11 | 0.001 ng | | 85 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 22 | 0.002 ng | # | 12 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 8 | 0.001 ng | # | 22 |
| 46) 1,1'-Biphenyl | 13.06 | 154 | 6174 | 0.176 ng | | 98 |
| 47) 2-Chloronaphthalene | 13.10 | 162 | 64 | 0.002 ng | # | 80 |
| 48) 2-Nitroaniline | 13.19 | 65 | 36 | 0.004 ng | | 94 |
| 49) Acenaphthylene | 13.96 | 152 | 78 | 0.002 ng | # | 45 |
| 50) Dimethylphthalate | 13.70 | 163 | 25 | 0.001 ng | # | 1 |
| 51) 2,6-Dinitrotoluene | 13.86 | 165 | 77 | 0.010 ng | # | 61 |
| 52) Acenaphthene | 14.23 | 154 | 1942 | 0.072 ng | # | 8 |
| 53) 3-Nitroaniline | 14.17 | 138 | 66 | 0.007 ng | # | 33 |
| 54) 2,4-Dinitrophenol | 14.37 | 184 | 28 | 0.006 ng | | 95 |
| 55) Dibenzofuran | 14.65 | 168 | 218 | 0.005 ng | # | 60 |
| 56) 4-Nitrophenol | 14.35 | 139 | 13 | 0.002 ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.62 | 165 | 94 | 0.009 ng | # | 57 |
| 58) Fluorene | 15.30 | 166 | 78 | 0.002 ng | # | 73 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.90 | 232 | 44 | 0.005 ng | # | 44 |
| 60) Diethylphthalate | 15.10 | 149 | 199 | 0.005 ng | # | 81 |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204 | 86 | 0.005 ng | # | 79 |
| 62) 4-Nitroaniline | 15.19 | 138 | 18 | 0.002 ng | | 93 |
| 63) Azobenzene | 15.60 | 77 | 298 | 0.008 ng | | 70 |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 7 | 0.001 ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 15.73 | 169 | 22228 | 0.705 ng | # | 47 |
| 67) 4-Bromophenyl-phenylether | 16.20 | 248 | 23 | 0.002 ng | # | 1 |
| 68) Hexachlorobenzene | 16.32 | 284 | 15 | 0.001 ng | # | 56 |
| 69) Atrazine | 16.50 | 200 | 38 | 0.004 ng | | 96 |
| 70) Pentachlorophenol | 16.65 | 266 | 16 | 0.002 ng | # | 50 |
| 71) Phenanthrene | 17.03 | 178 | 385 | 0.007 ng | # | 81 |
| 72) Anthracene | 17.14 | 178 | 270 | 0.005 ng | # | 78 |
| 73) Carbazole | 17.39 | 167 | 40 | 0.001 ng | # | 51 |
| 74) Di-n-butylphthalate | 17.99 | 149 | 871 | 0.013 ng | # | 95 |
| 75) Fluoranthene | 19.03 | 202 | 302 | 0.004 ng | | 82 |
| 77) Benzidine | 19.18 | 184 | 37 | 0.001 ng | # | 1 |
| 78) Pyrene | 19.59 | 202 | 15434 | 0.188 ng | # | 69 |
| 80) Butylbenzylphthalate | 20.26 | 149 | 114 | 0.003 ng | # | 85 |
| 81) Benzo(a)anthracene | 21.10 | 228 | 4068 | 0.053 ng | # | 69 |
| 82) 3,3'-Dichlorobenzidine | 21.00 | 252 | 100 | 0.004 ng | # | 38 |
| 83) Chrysene | 21.13 | 228 | 1062 | 0.015 ng | # | 86 |
| 84) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 229 | 0.004 ng | # | 72 |
| 85) Di-n-octyl phthalate | 21.89 | 149 | 393 | 0.004 ng | # | 68 |
| 87) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 1060 | 0.012 ng | # | 58 |
| 88) Benzo(b)fluoranthene | 22.65 | 252 | 1247 | 0.016 ng | # | 30 |
| 89) Benzo(k)fluoranthene | 22.69 | 252 | 1217 | 0.016 ng | # | 1 |
| 90) Benzo(a)pyrene | 23.19 | 252 | 1009 | 0.014 ng | # | 1 |
| 91) Dibenzo(a,h)anthracene | 25.53 | 278 | 552 | 0.008 ng | # | 25 |
| 92) Benzo(g,h,i)perylene | 26.17 | 276 | 787 | 0.010 ng | # | 62 |

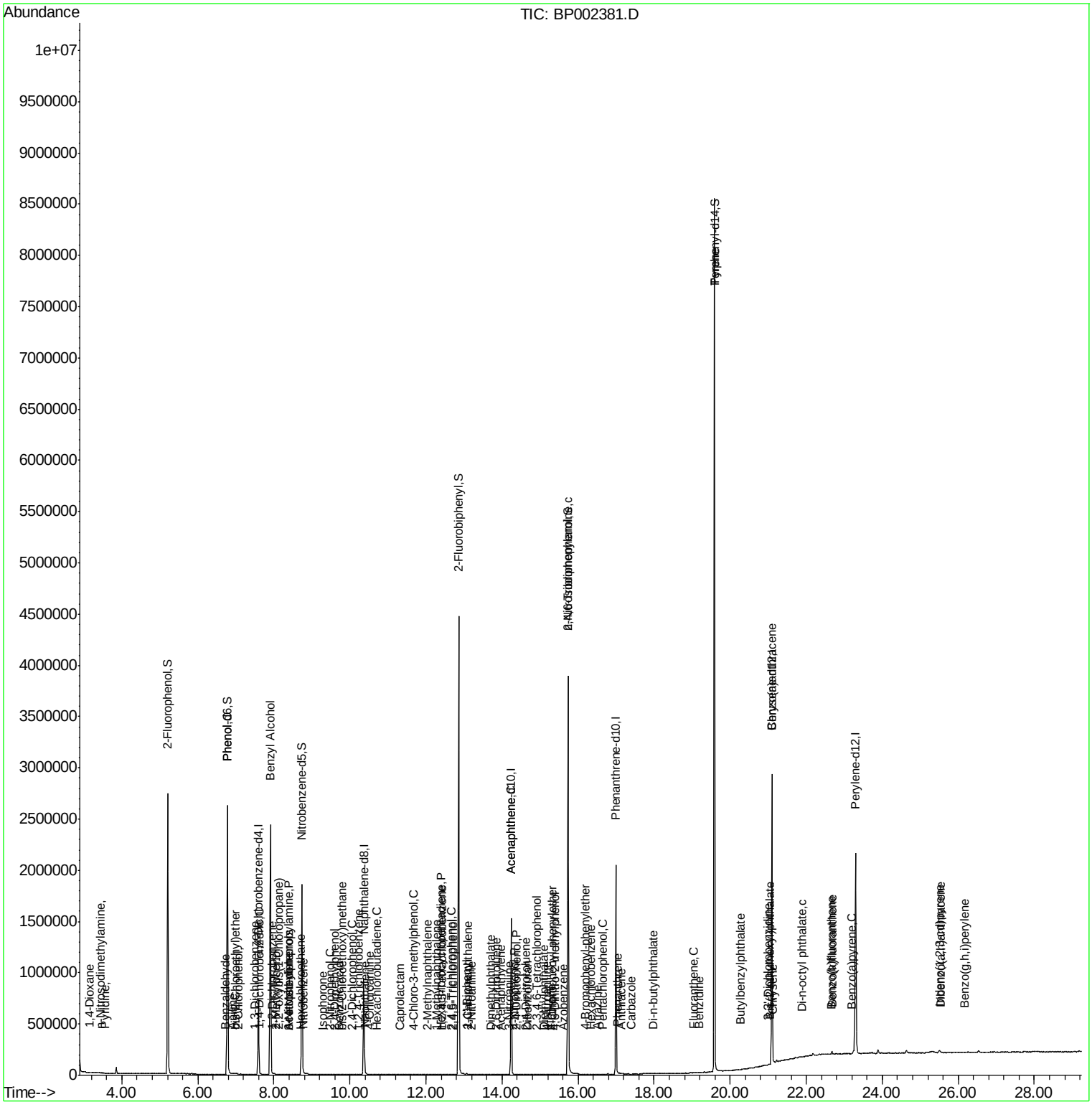
(#) = qualifier out of range (m) = manual integration (+) = signals summed

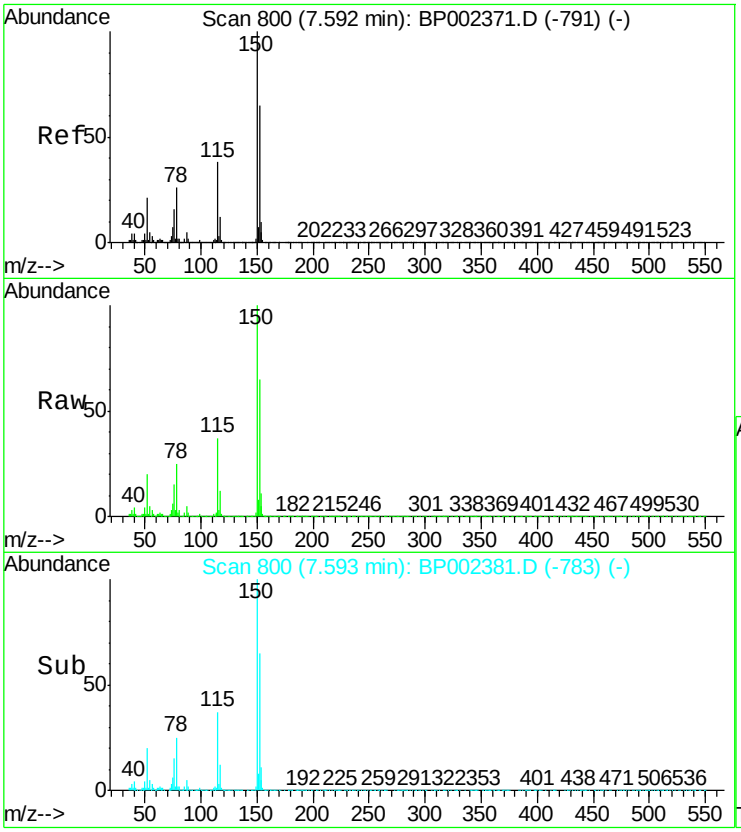
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002381.D
Acq On : 10 Jun 2020 18:50
Operator : CG/JU
Sample : PB129457BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Quant Time: Jun 11 04:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration



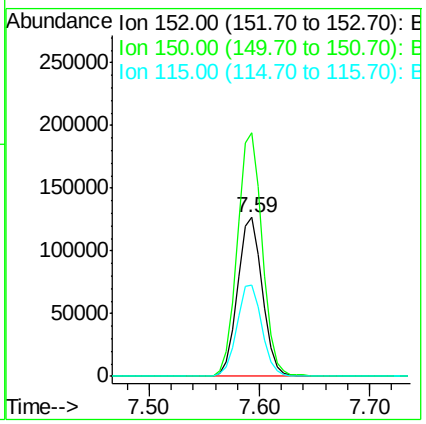


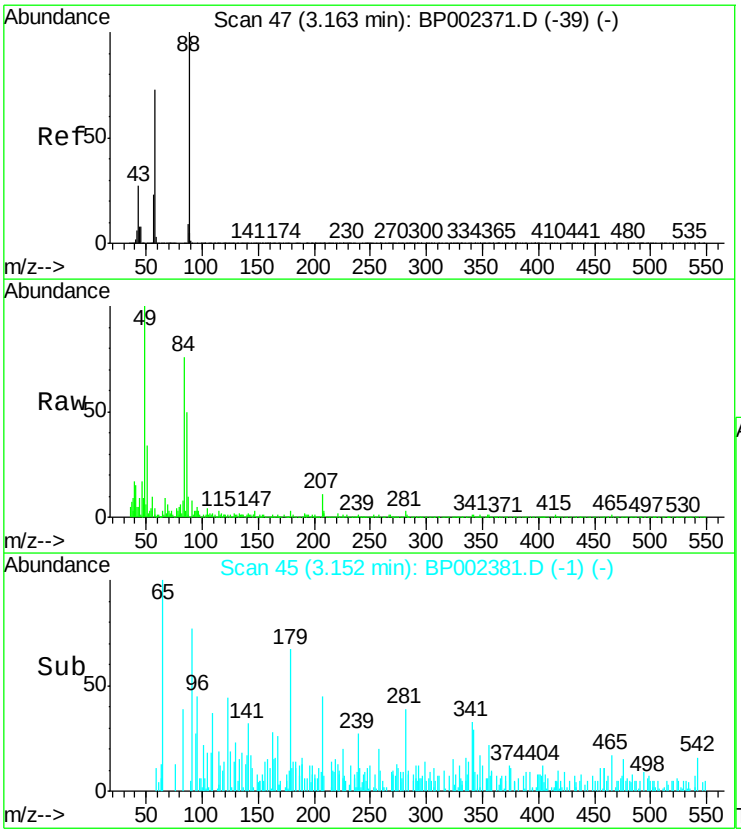

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:152 Resp: 199988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.1 | 124.0 | 186.0 |
| 115 | 57.3 | 47.4 | 71.0 |

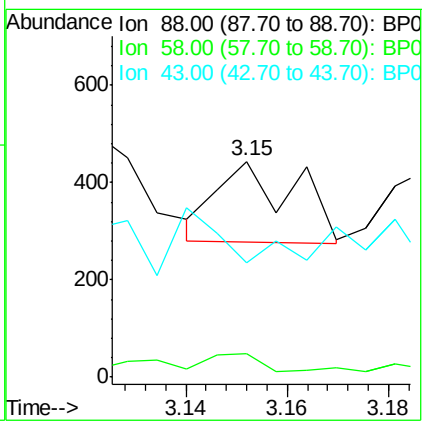


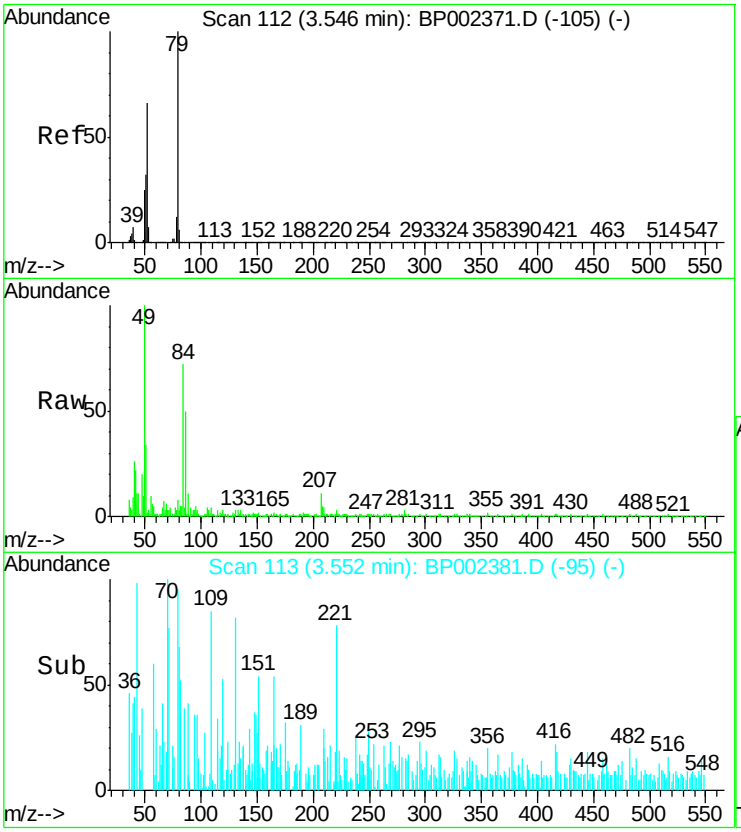




#2
1,4-Dioxane
Concen: 0.035 ng
RT: 3.15 min Scan# 45
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 88 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 28.2 | 58.2 | 87.4# |
| 43 | 0.0 | 21.8 | 32.8# |



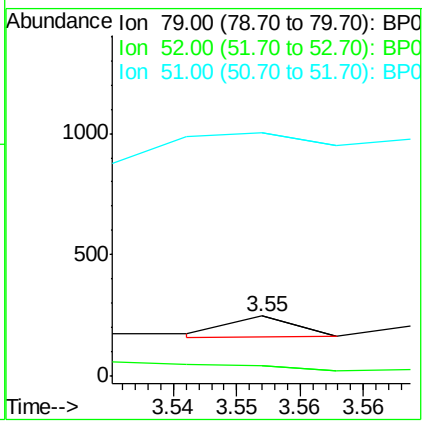


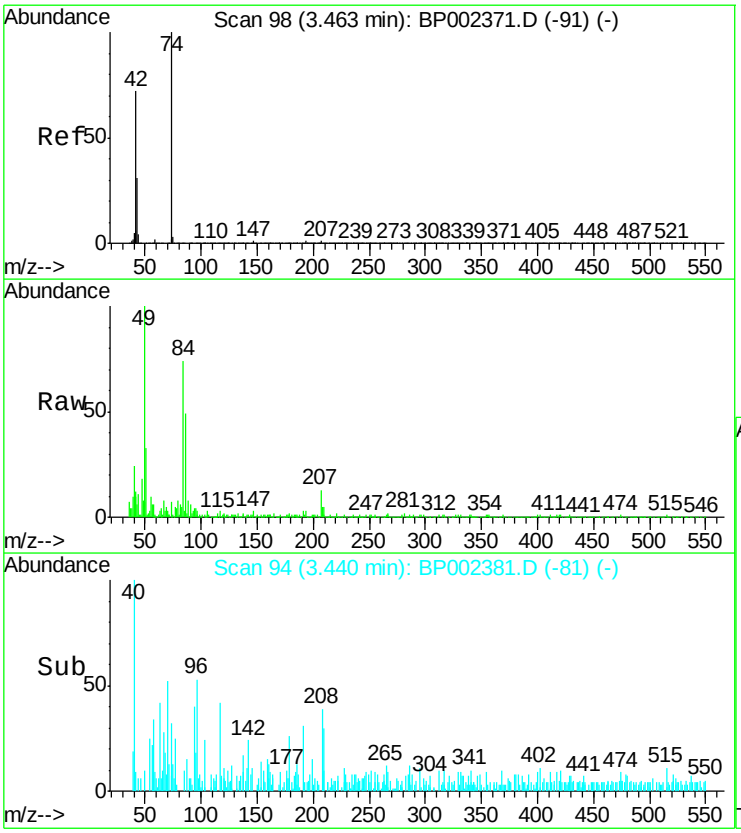

#3
Pyridine
Concen: 0.002 ng
RT: 3.55 min Scan# 113
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 79 Resp: 30

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 18.5 | 52.5 | 78.7# |
| 51 | 404.0 | 26.1 | 39.1# |

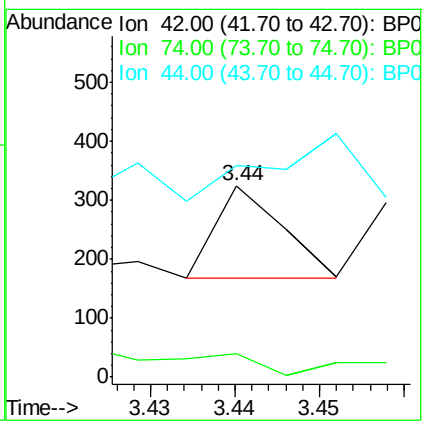


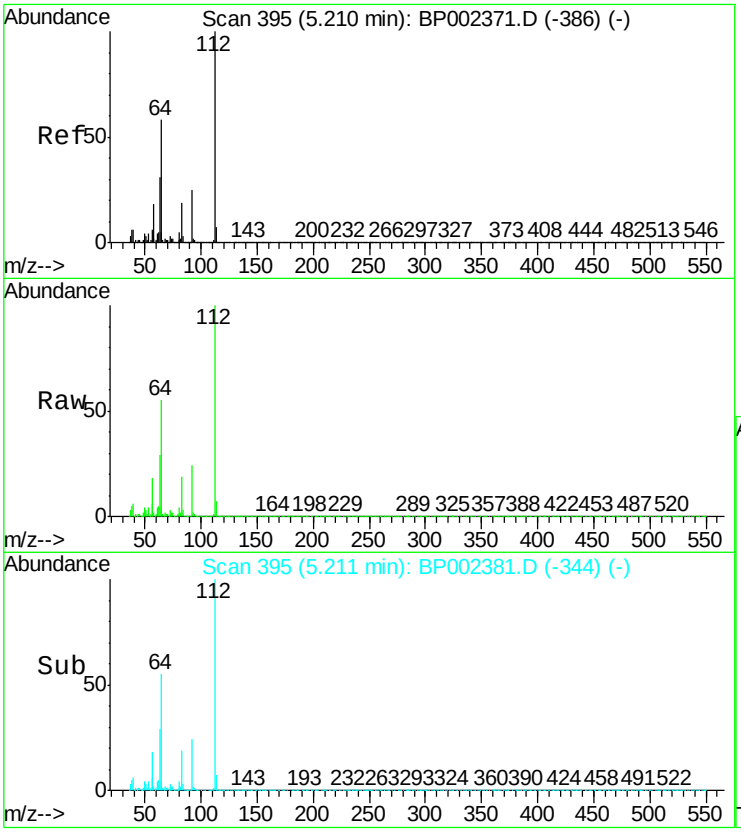




#4
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.44 min Scan# 94
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 42 Resp: 86

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 12.3 | 111.1 | 166.7# |
| 44 | 110.5 | 5.4 | 8.0# |



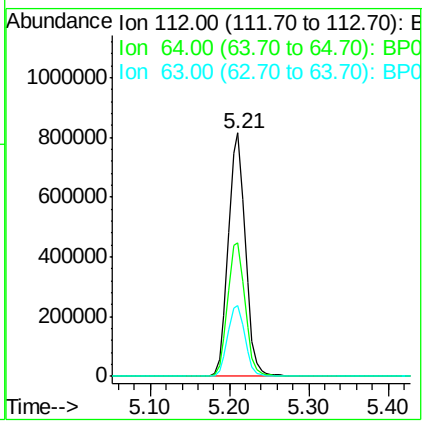


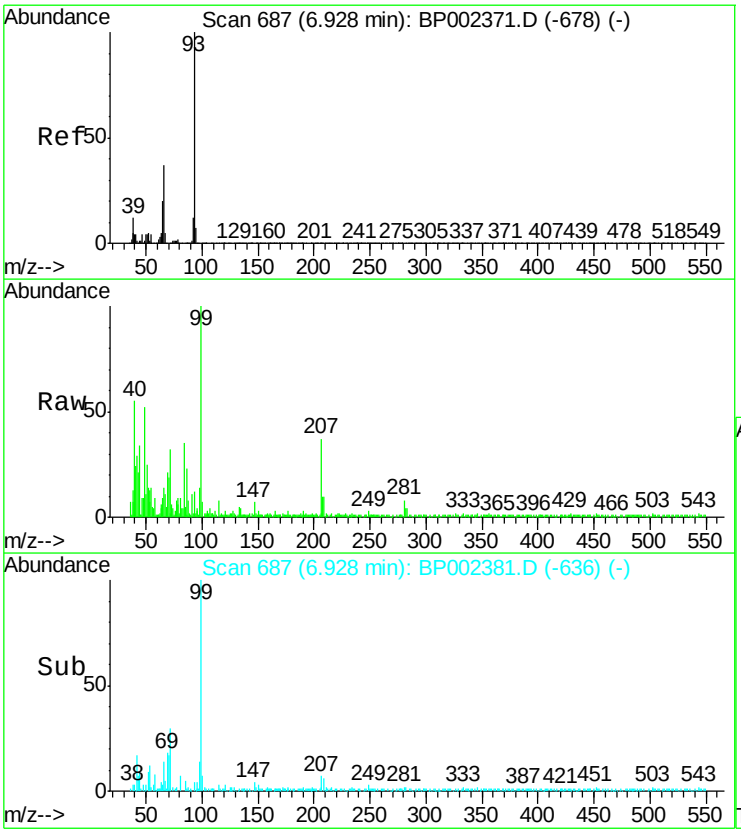

#5
2-Fluorophenol
Concen: 112.510 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:112 Resp: 1215983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.9 | 46.2 | 69.2 |
| 63 | 29.0 | 24.5 | 36.7 |

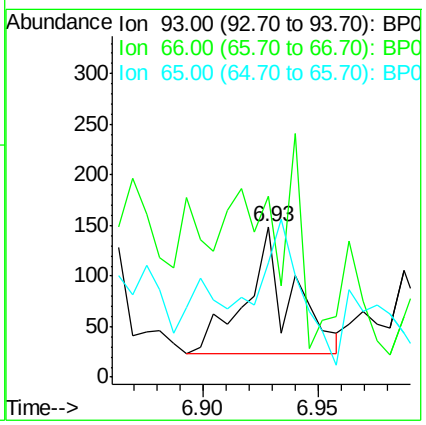


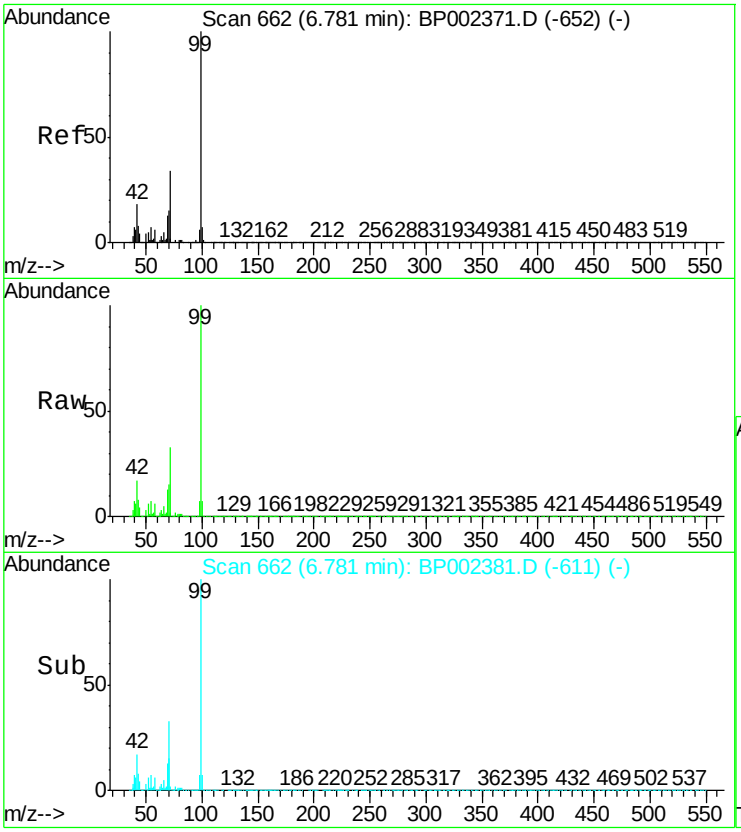

#6
Aniline
Concen: 0.009 ng
RT: 6.93 min Scan# 687
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 93 Resp: 175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 120.1 | 29.8 | 44.6# |
| 65 | 75.8 | 15.7 | 23.5# |



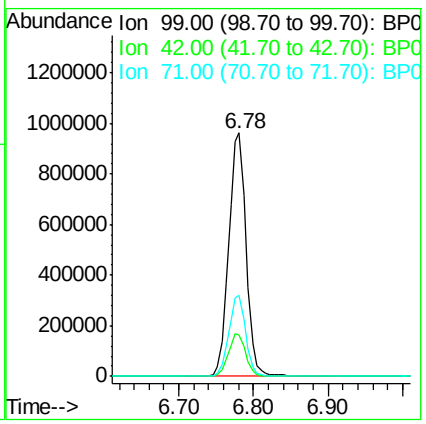
**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

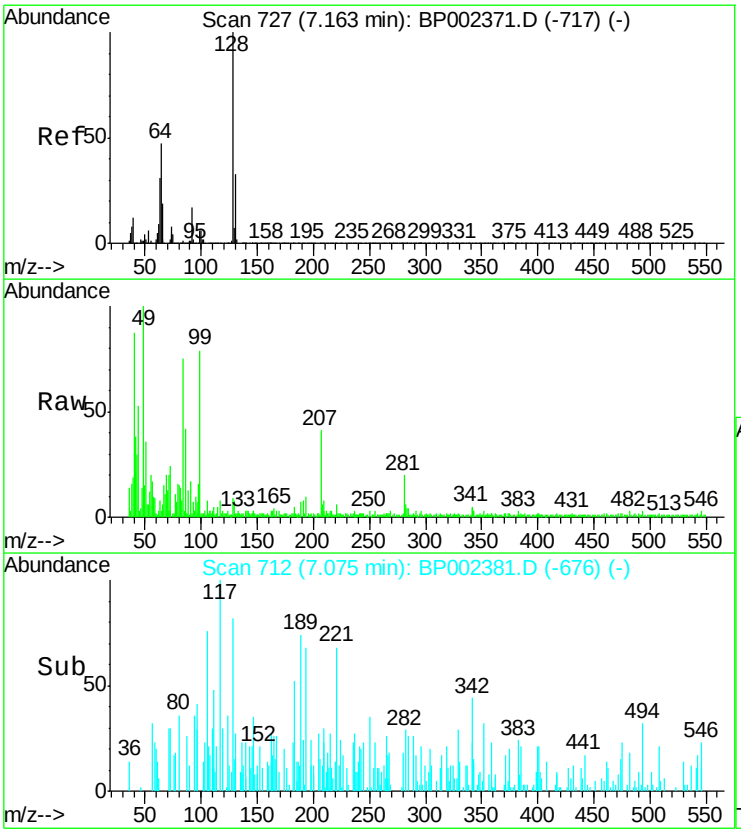



#7
Phenol-d6
Concen: 109.025 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 99 Resp: 1568801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 14.6 | 22.0 |
| 71 | 33.1 | 27.2 | 40.8 |

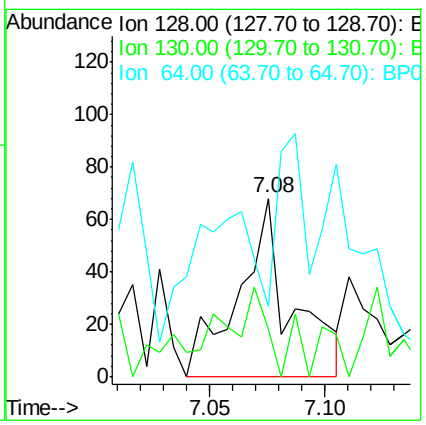


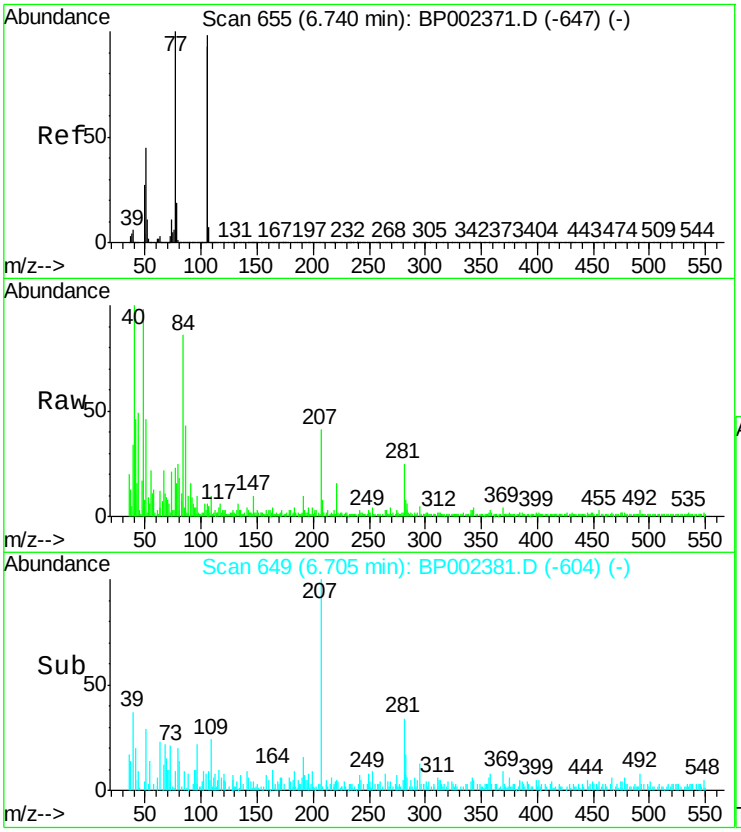




#8
2-Chlorophenol
Concen: 0.009 ng
RT: 7.08 min Scan# 712
Delta R.T. -0.09 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:128 Resp: 108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 26.5 | 12.5 | 52.5 |
| 64 | 39.7 | 27.7 | 67.7 |



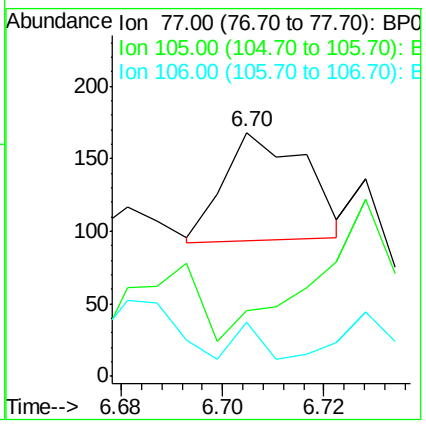


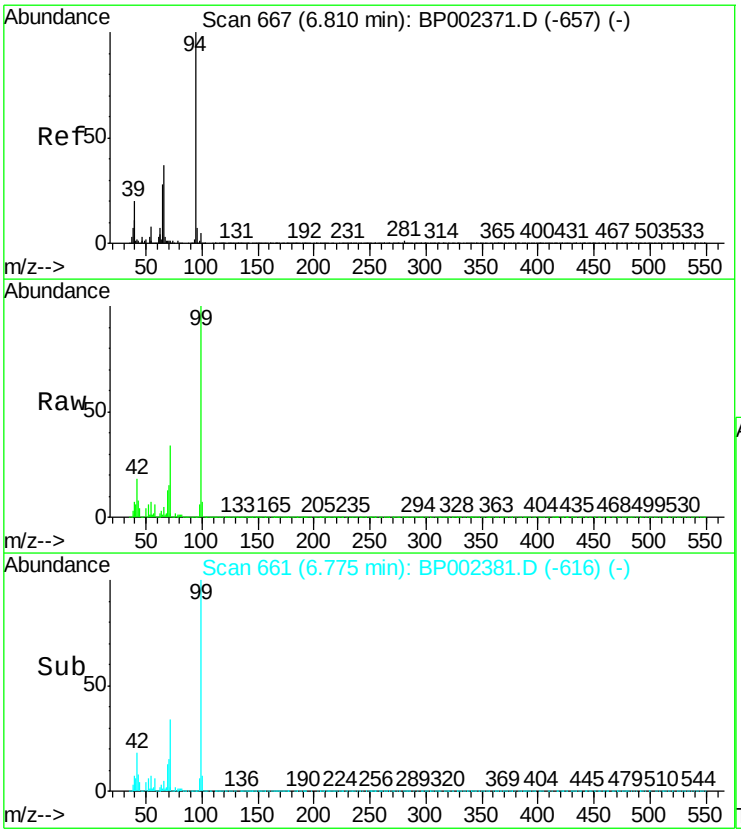

#9
Benzaldehyde
Concen: 0.011 ng
RT: 6.70 min Scan# 649
Delta R.T. -0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 77 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 28.6 | 78.1 | 118.1# |
| 106 | 22.0 | 73.2 | 113.2# |

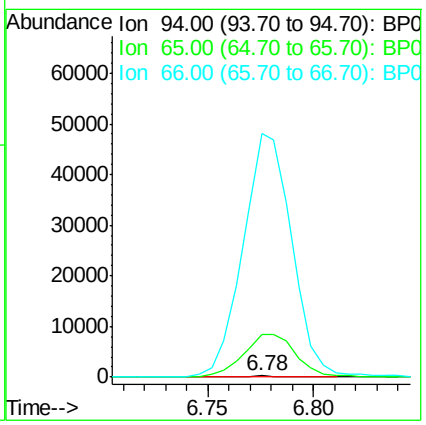


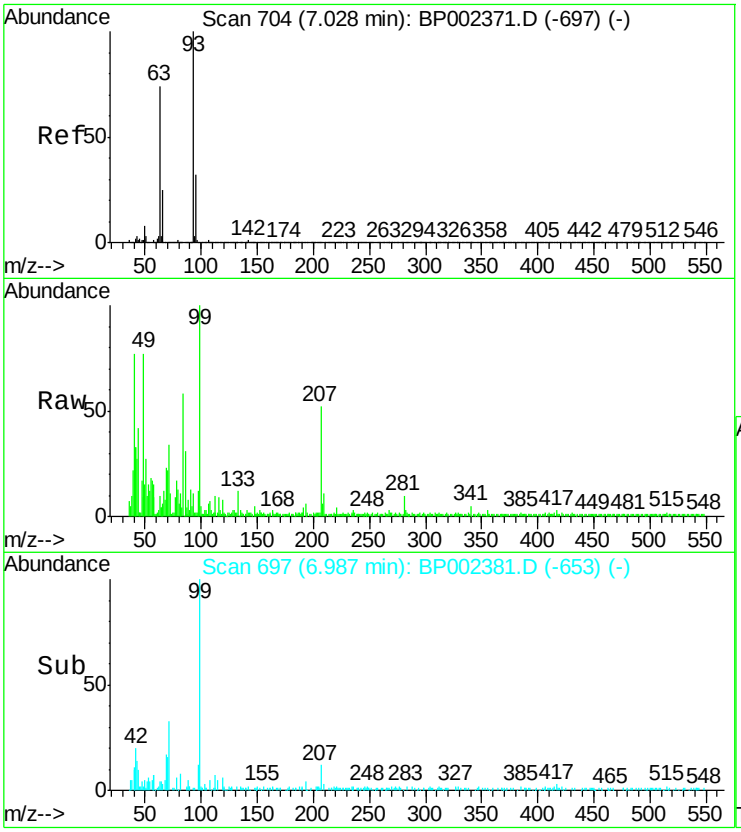




#10
Phenol
Concen: 0.027 ng
RT: 6.78 min Scan# 661
Delta R.T. -0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 94 Resp: 418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 3884.9 | 7.7 | 47.7# |
| 66 | 22058.7 | 16.9 | 56.9# |



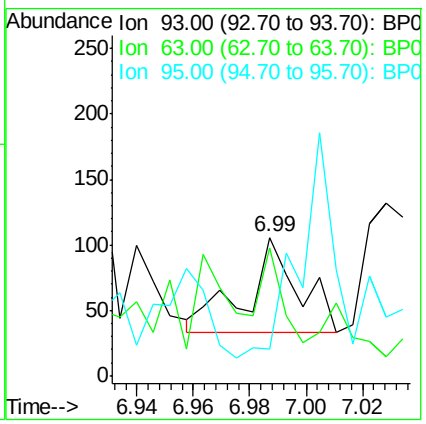


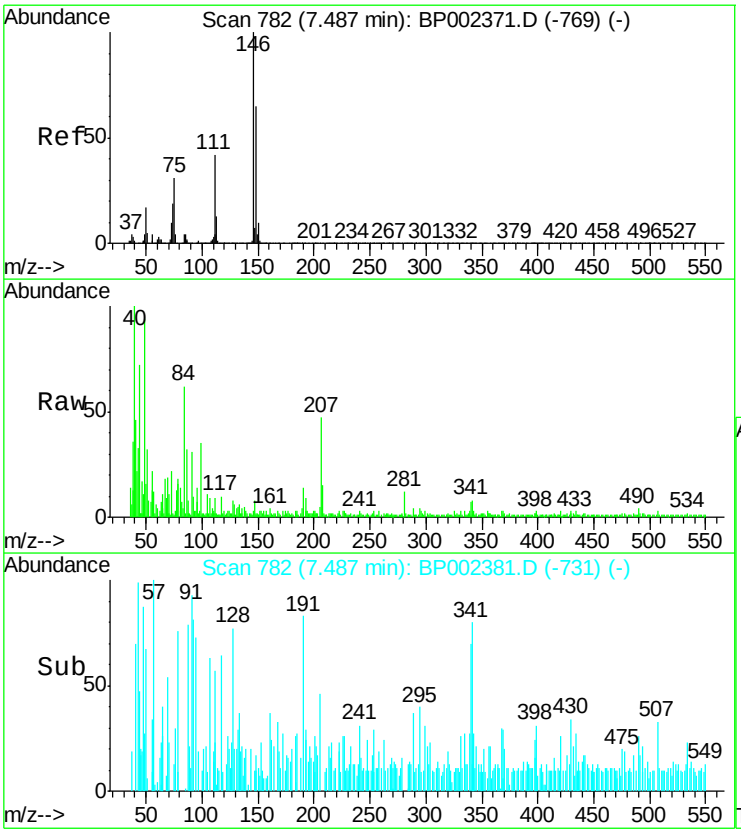

#11
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.04 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 93 Resp: 94

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 92.5 | 54.2 | 94.2 |
| 95 | 18.9 | 11.8 | 51.8 |

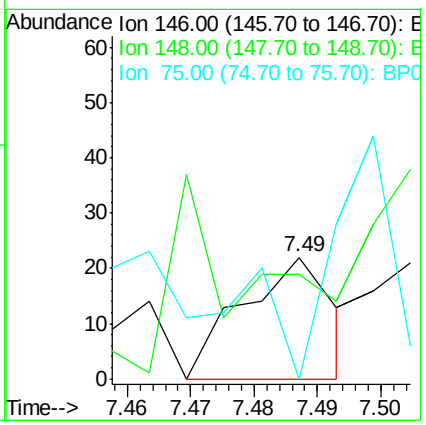


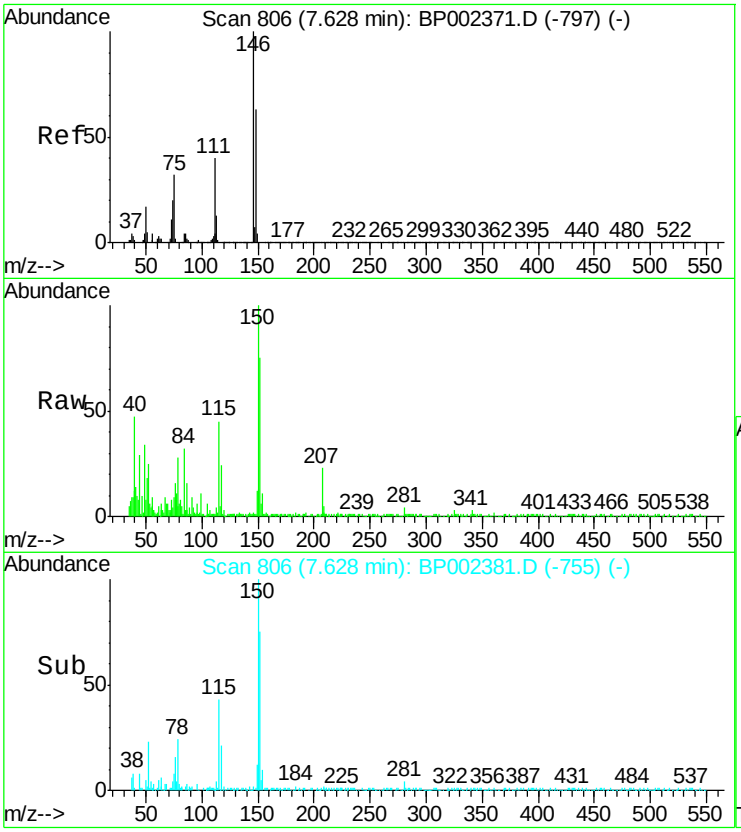




#12
1,3-Dichlorobenzene
Concen: 0.002 ng
RT: 7.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:146 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 86.4 | 51.6 | 77.4# |
| 75 | 0.0 | 25.0 | 37.4# |



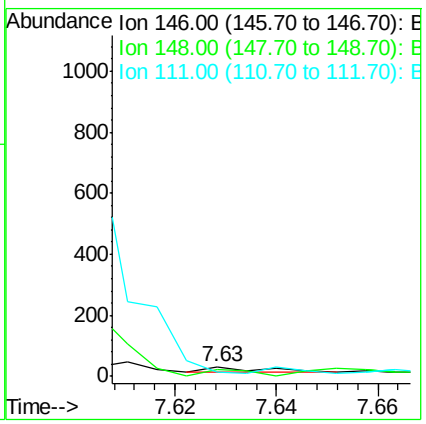


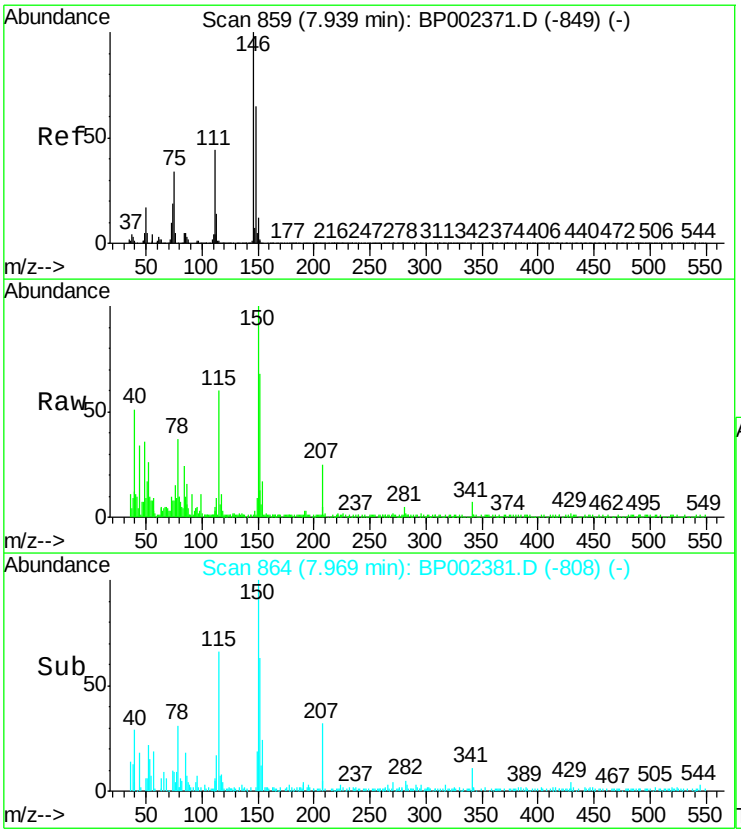

#13
1,4-Dichlorobenzene
Concen: 0.001 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:146 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.8 | 50.7 | 76.1 |
| 111 | 43.8 | 32.2 | 48.2 |

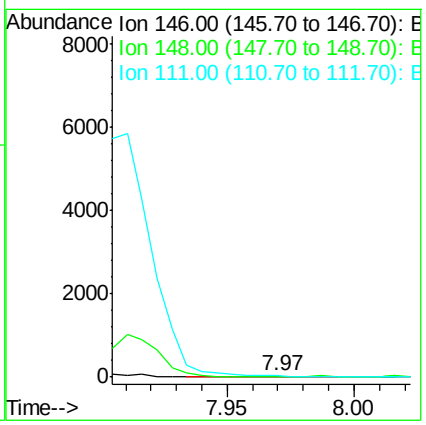


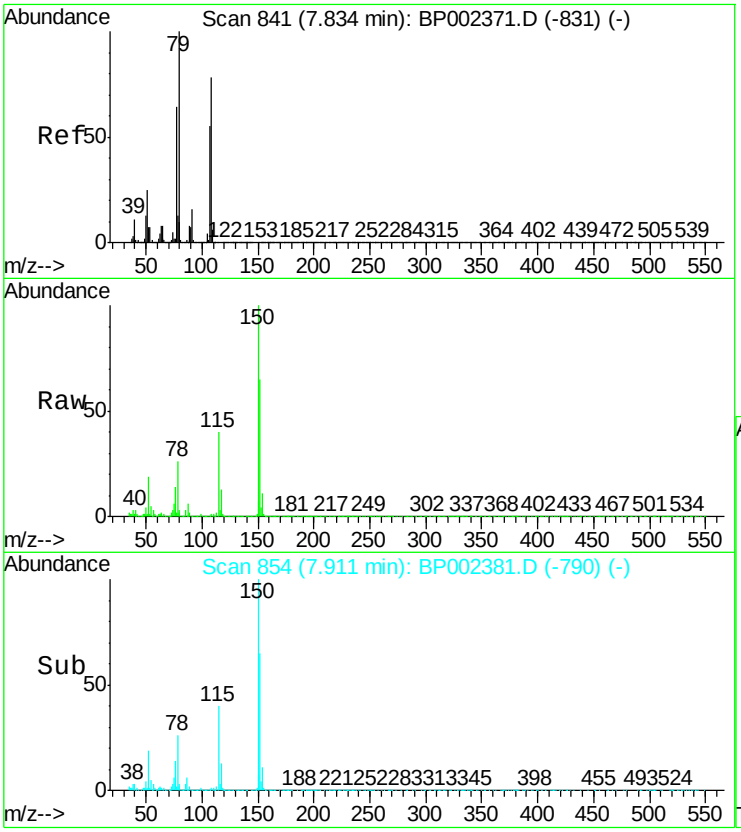




#14
1,2-Dichlorobenzene
Concen: 0.003 ng
RT: 7.97 min Scan# 864
Delta R.T. 0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:146 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 51.8 | 77.6# |
| 111 | 323.5 | 35.4 | 53.2# |



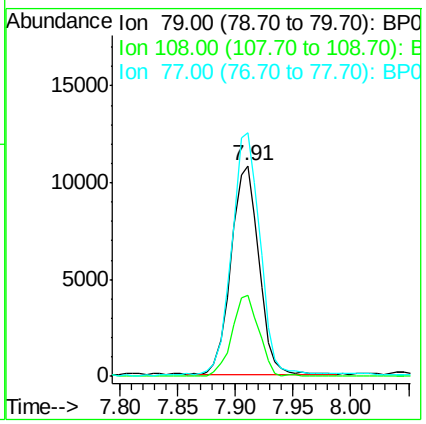


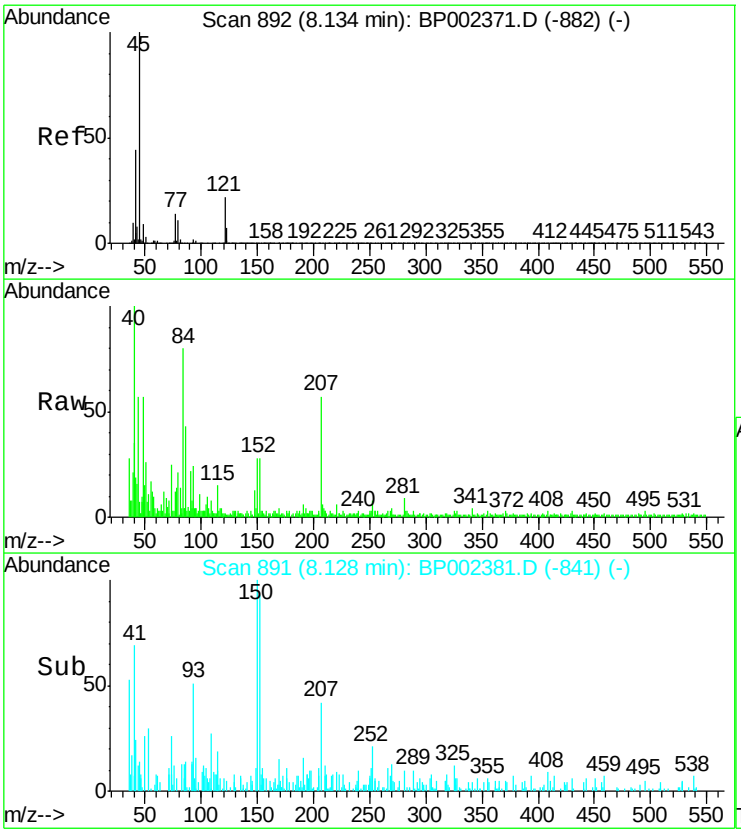

#15
Benzyl Alcohol
Concen: 1.630 ng
RT: 7.91 min Scan# 854
Delta R.T. 0.08 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 79 Resp: 18180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 38.7 | 62.6 | 94.0# |
| 77 | 115.6 | 51.5 | 77.3# |

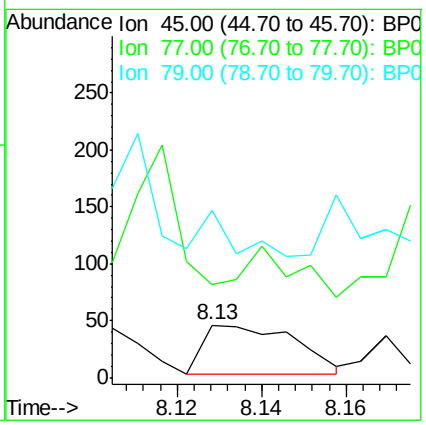


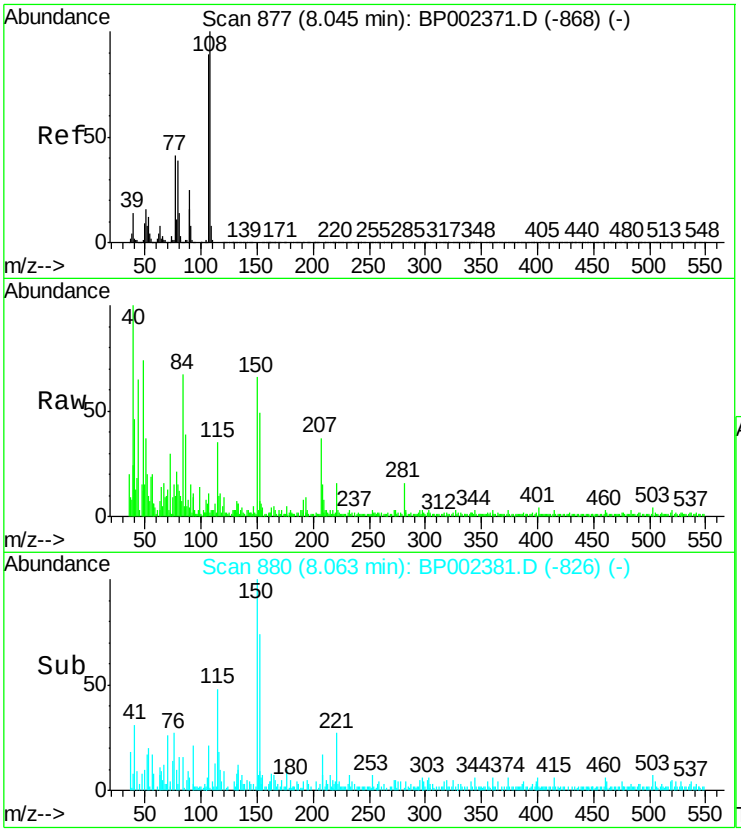




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 45 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 178.3 | 0.0 | 35.0# |
| 79 | 319.6 | 0.0 | 32.0# |



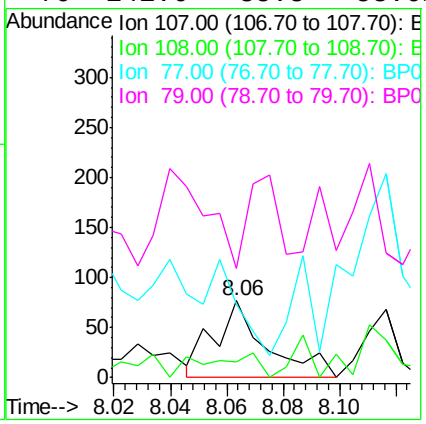


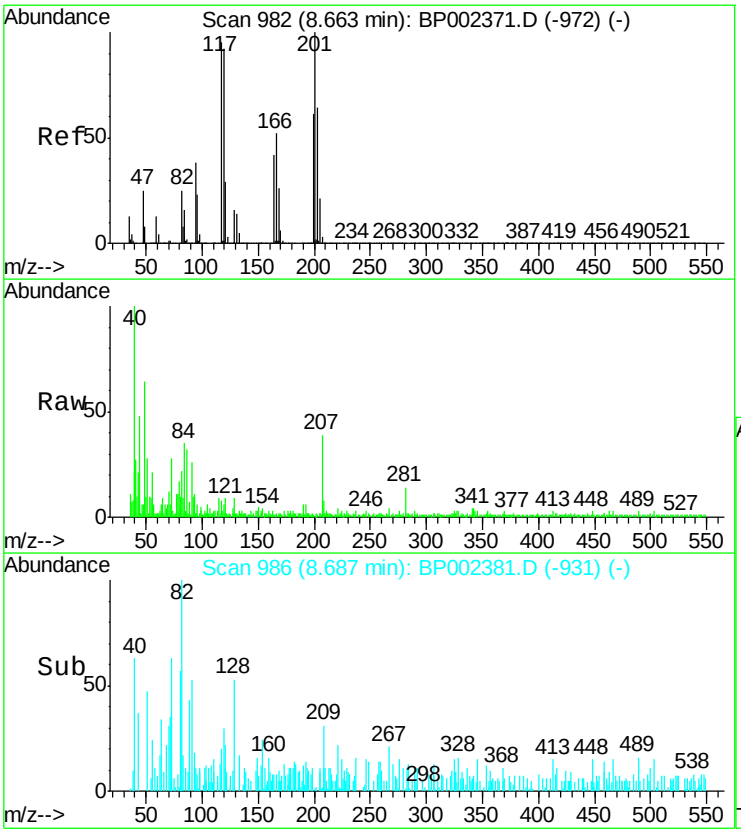

#17
2-Methylphenol
Concen: 0.009 ng
RT: 8.06 min Scan# 880
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:107 Resp: 99

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 20.8 | 90.3 | 135.5# |
| 77 | 96.1 | 37.1 | 55.7# |
| 79 | 141.6 | 35.8 | 53.6# |

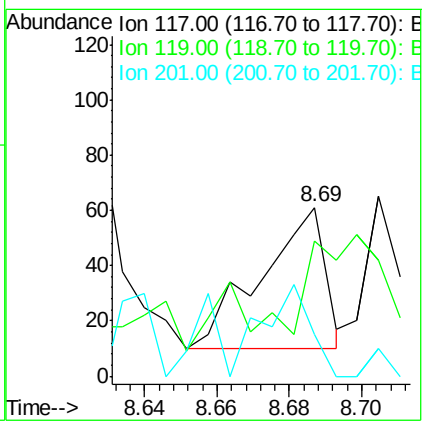


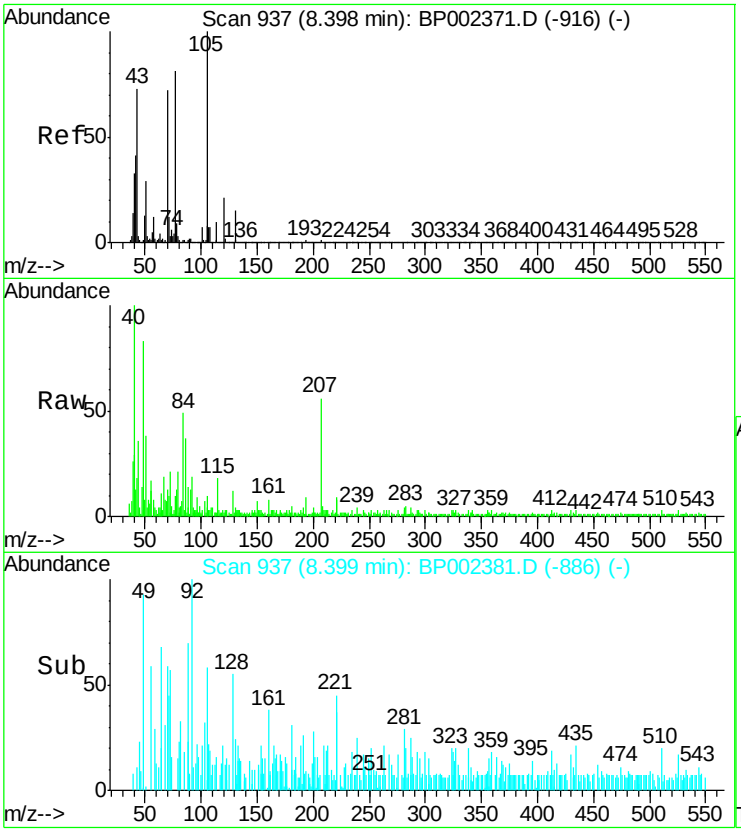




#18
Hexachloroethane
Concen: 0.012 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:117 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 80.3 | 77.8 | 116.8 |
| 201 | 24.6 | 84.2 | 126.4# |



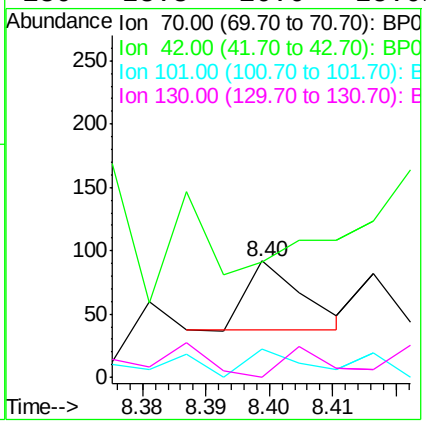


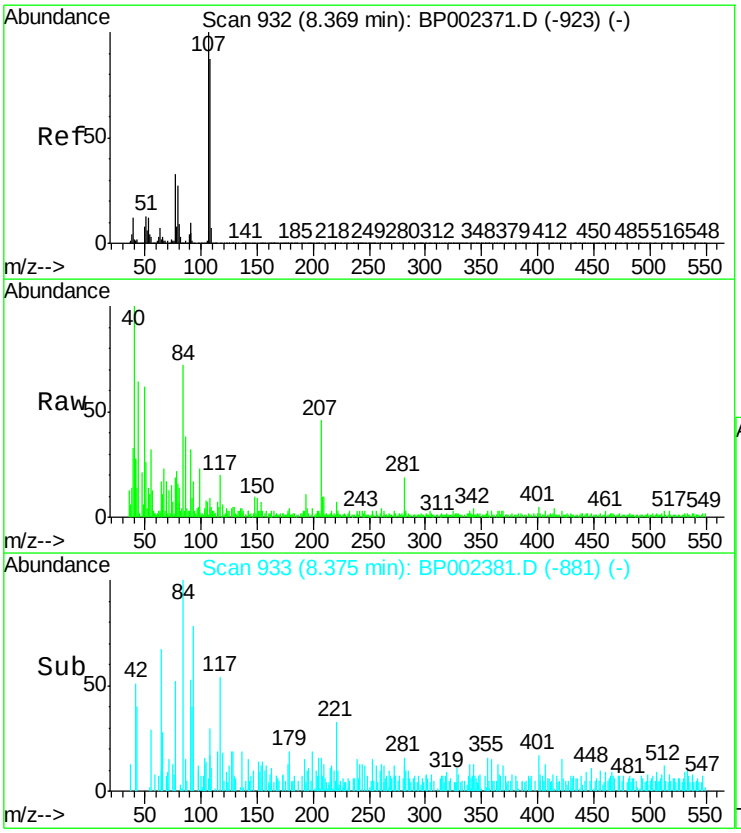

#19
n-Nitroso-di-n-propylamine
Concen: 0.004 ng
RT: 8.40 min Scan# 937
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 70 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 98.9 | 45.7 | 68.5# |
| 101 | 23.9 | 7.5 | 11.3# |
| 130 | 28.3 | 16.6 | 25.0# |

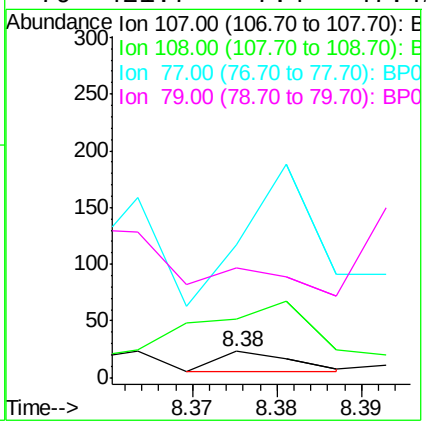


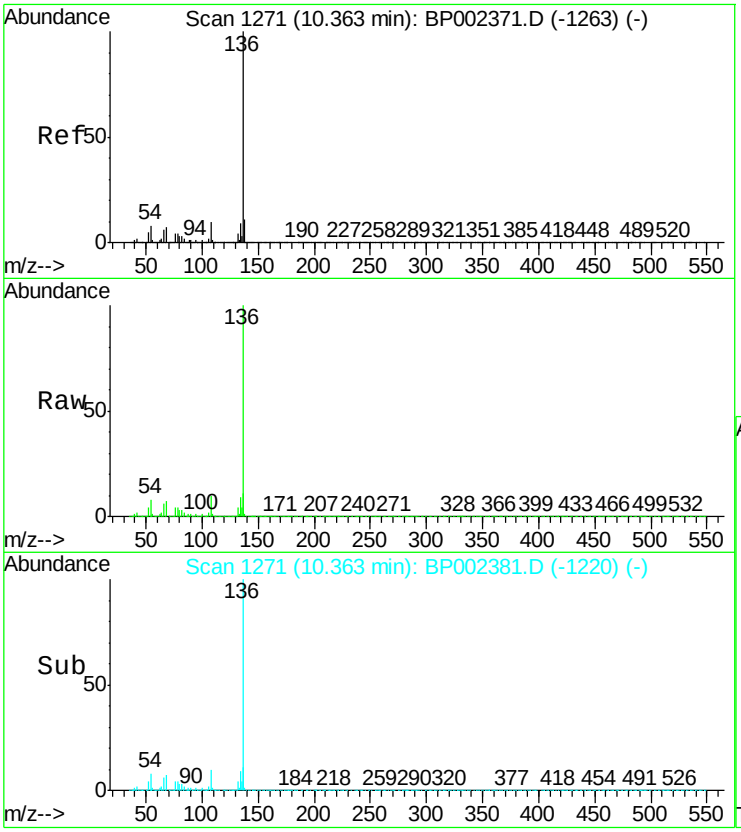




#20
3+4-Methylphenols
Concen: 0.001 ng
RT: 8.38 min Scan# 933
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:107 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 226.1 | 67.5 | 107.5# |
| 77 | 508.7 | 13.5 | 53.5# |
| 79 | 421.7 | 7.4 | 47.4# |



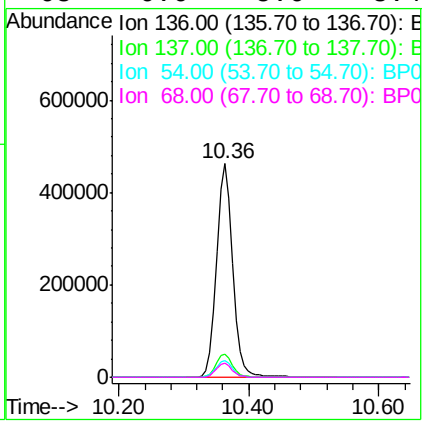


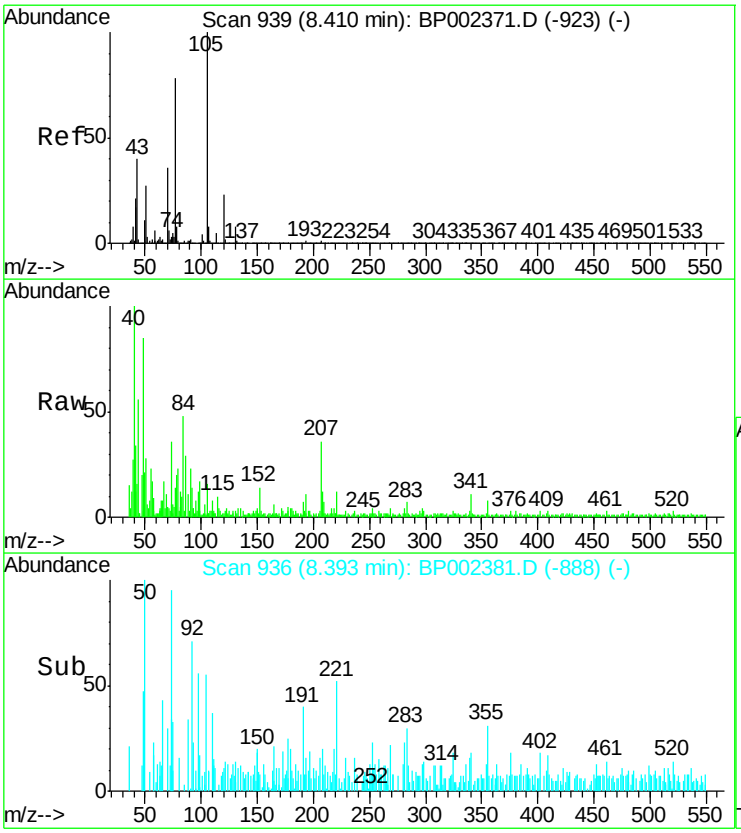

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :** BNA_P
**ClientSampleId :** PB129457BL

Tgt Ion:136 Resp: 793907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 7.8 | 6.4 | 9.6 |
| 68 | 6.6 | 5.6 | 8.4 |

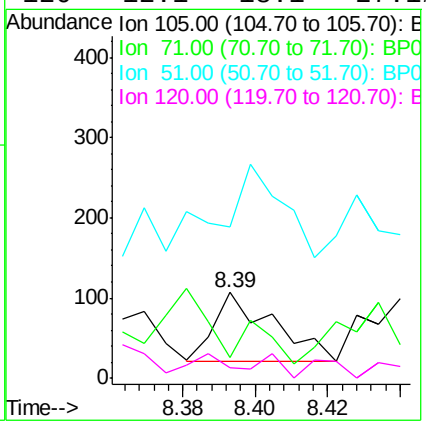


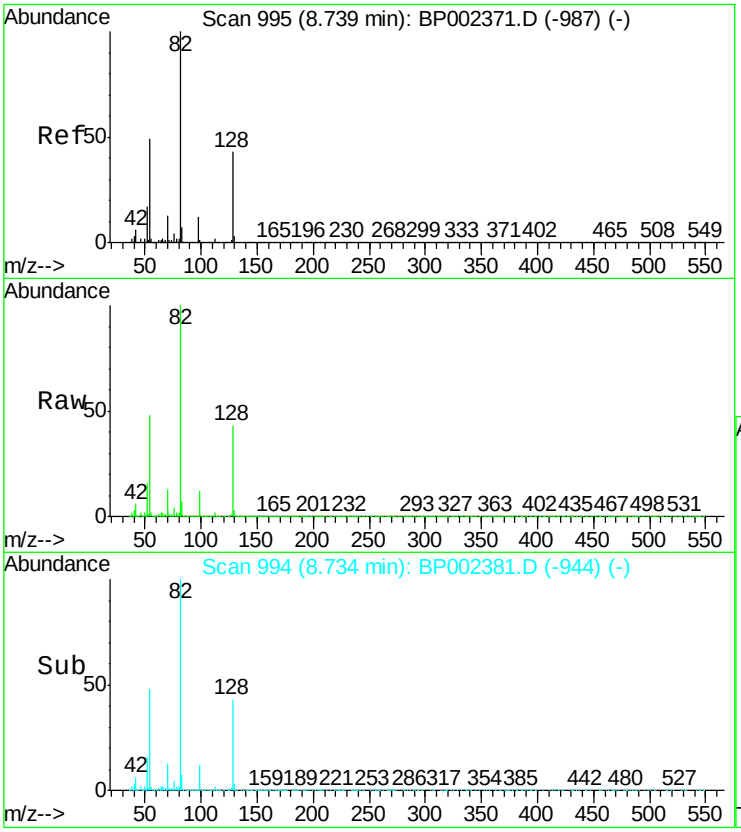




#22
Acetophenone
Concen: 0.005 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:105 Resp: 97

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 24.3 | 4.7 | 7.1# |
| 51 | 176.6 | 21.4 | 32.0# |
| 120 | 12.1 | 18.1 | 27.1# |



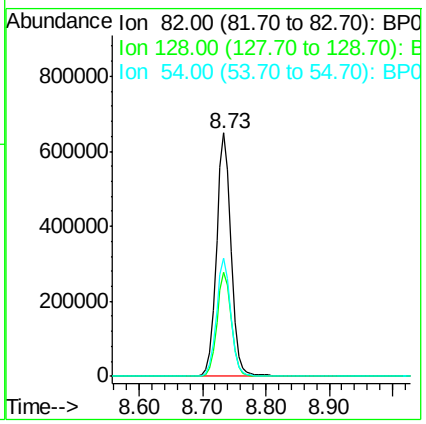


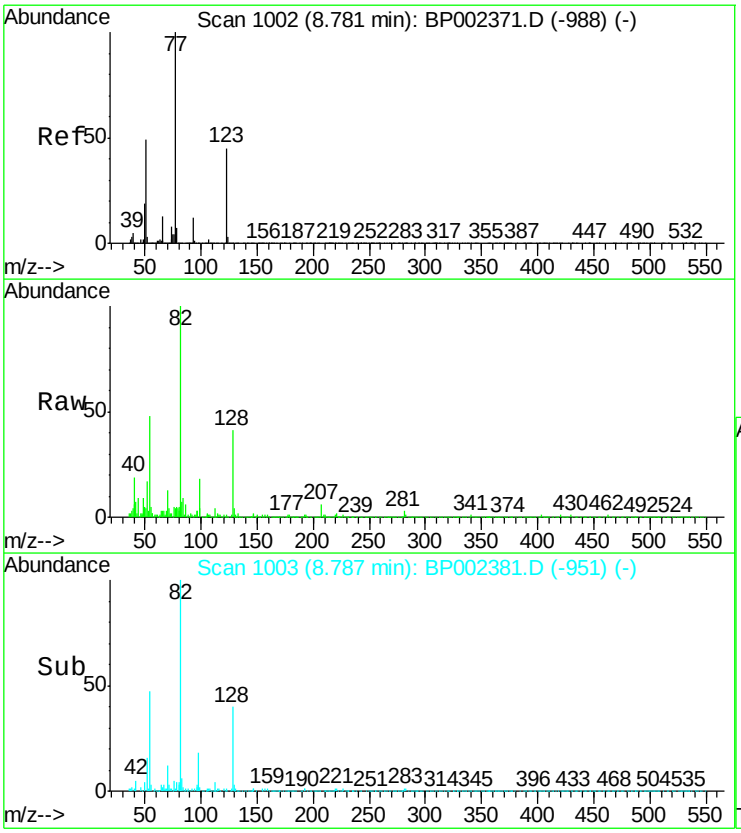

#23
Nitrobenzene-d5
Concen: 79.353 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 82 Resp: 1054928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 34.5 | 51.7 |
| 54 | 48.4 | 39.4 | 59.2 |

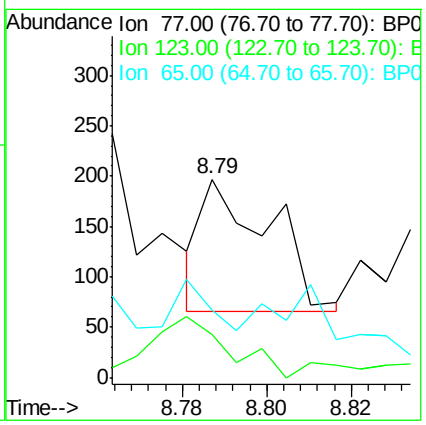


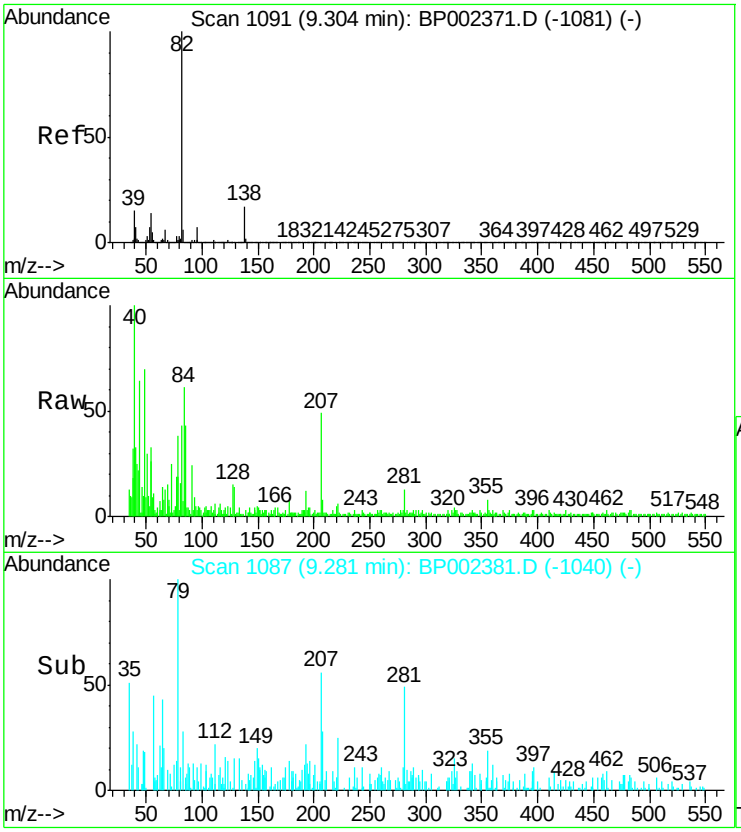




#24
Nitrobenzene
Concen: 0.010 ng
RT: 8.79 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 77 Resp: 148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 28.4 | 35.8 | 53.8# |
| 65 | 34.0 | 10.5 | 15.7# |



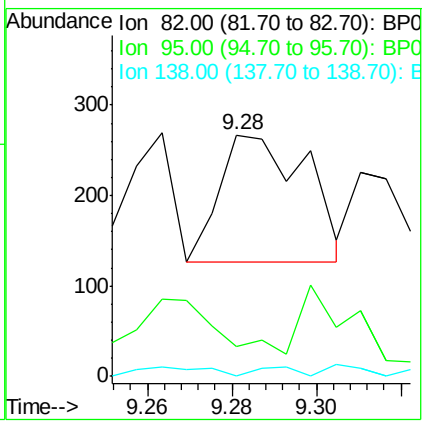


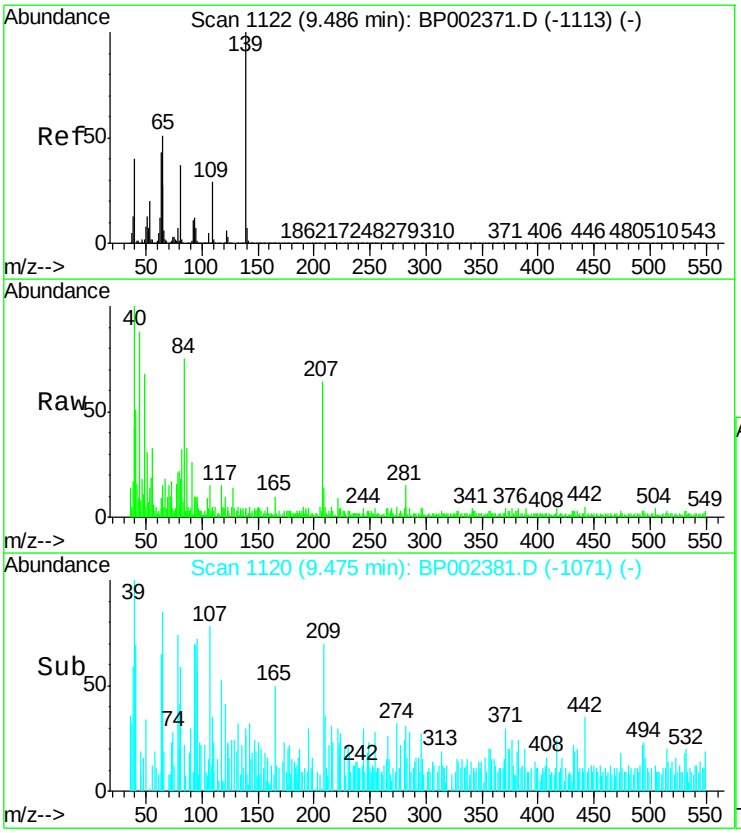

#25
Isophorone
Concen: 0.007 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 82 Resp: 202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 12.4 | 5.4 | 8.2# |
| 138 | 0.0 | 13.4 | 20.0# |

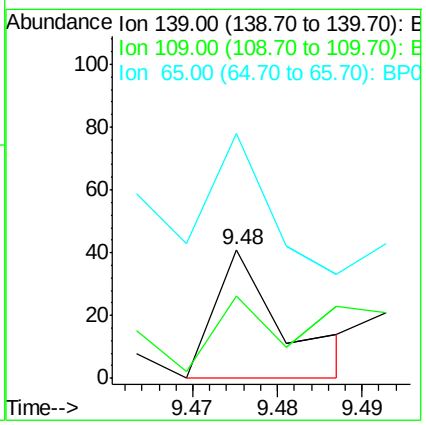


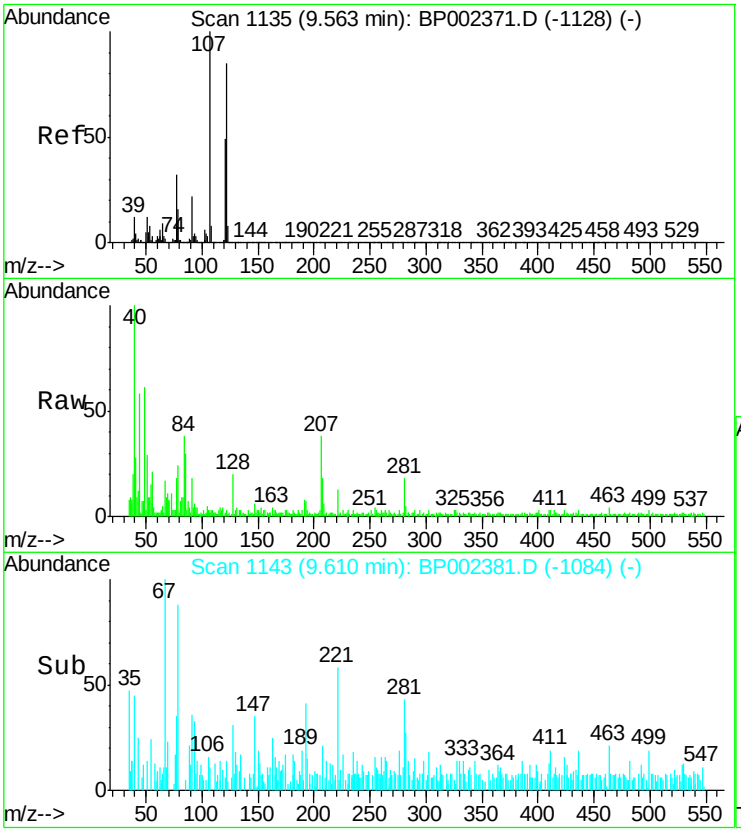




#26
2-Nitrophenol
Concen: 0.004 ng
RT: 9.48 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:139 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.4 | 23.4 | 35.2# |
| 65 | 190.2 | 41.1 | 61.7# |



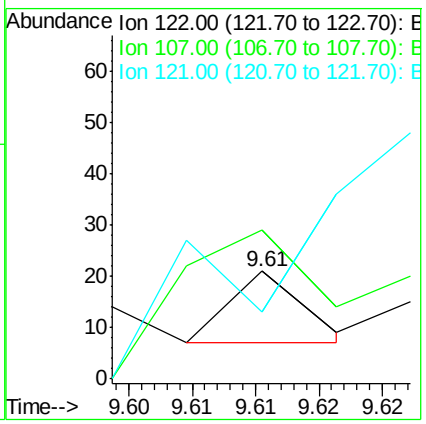


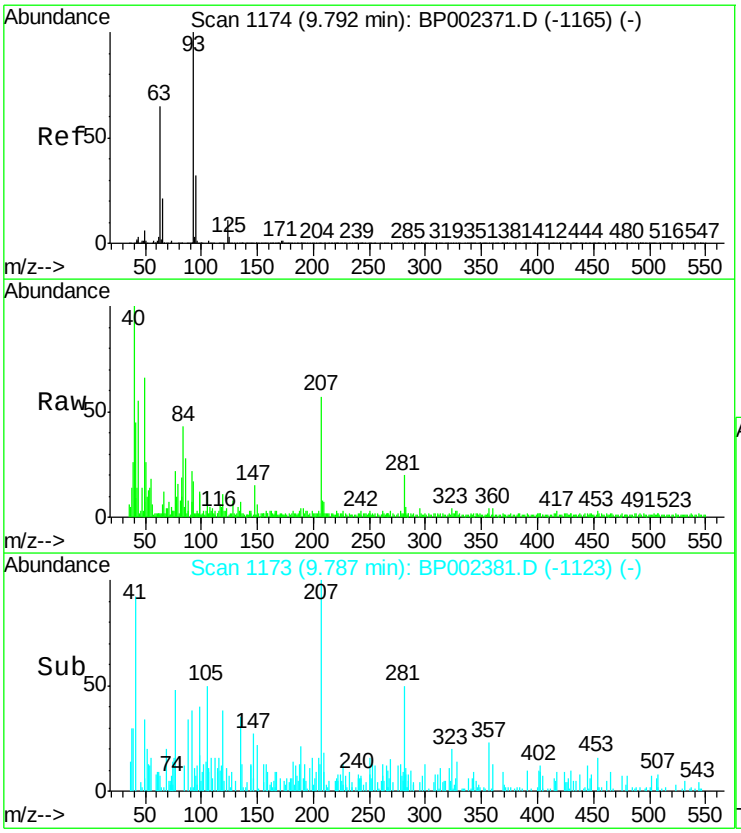

#27
2,4-Dimethylphenol
Concen: 0.001 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.05 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:122 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 138.1 | 94.0 | 141.0 |
| 121 | 61.9 | 46.4 | 69.6 |

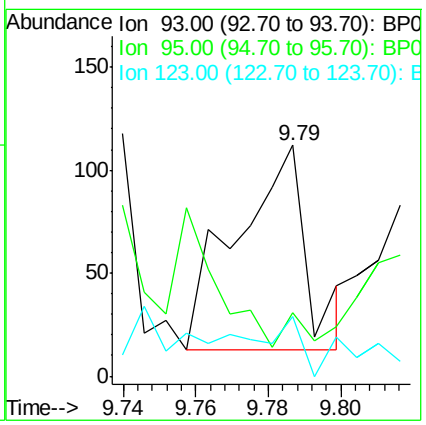


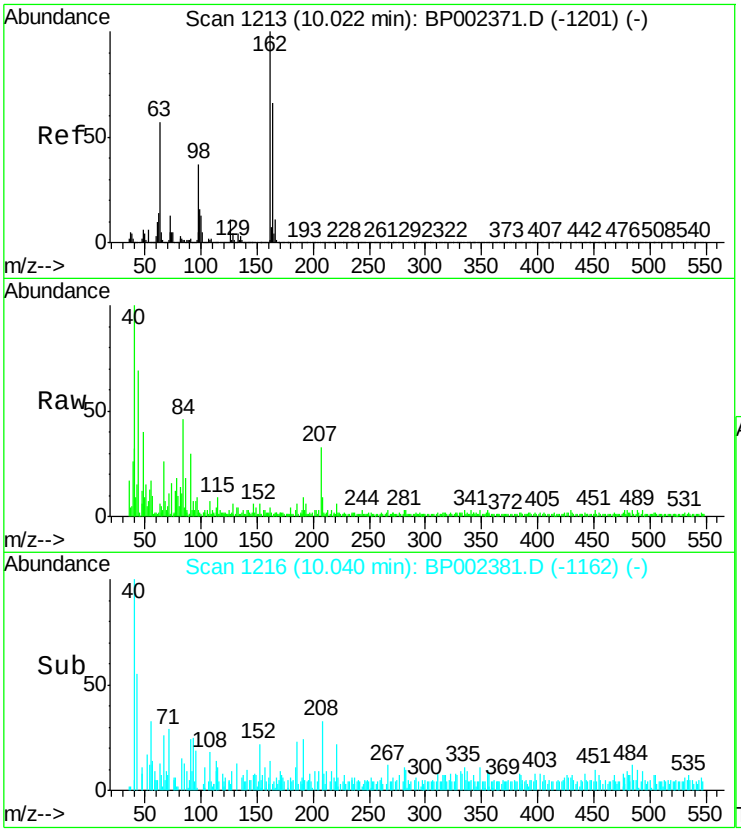




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 93 Resp: 135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 27.7 | 25.8 | 38.8 |
| 123 | 25.9 | 8.7 | 13.1# |



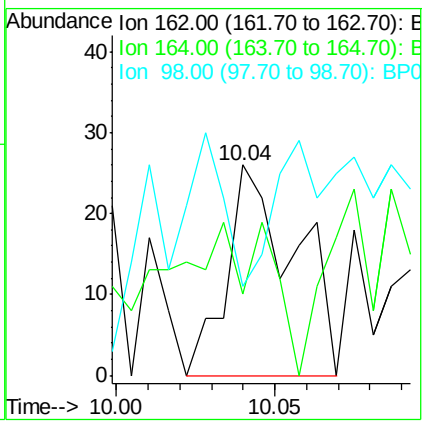


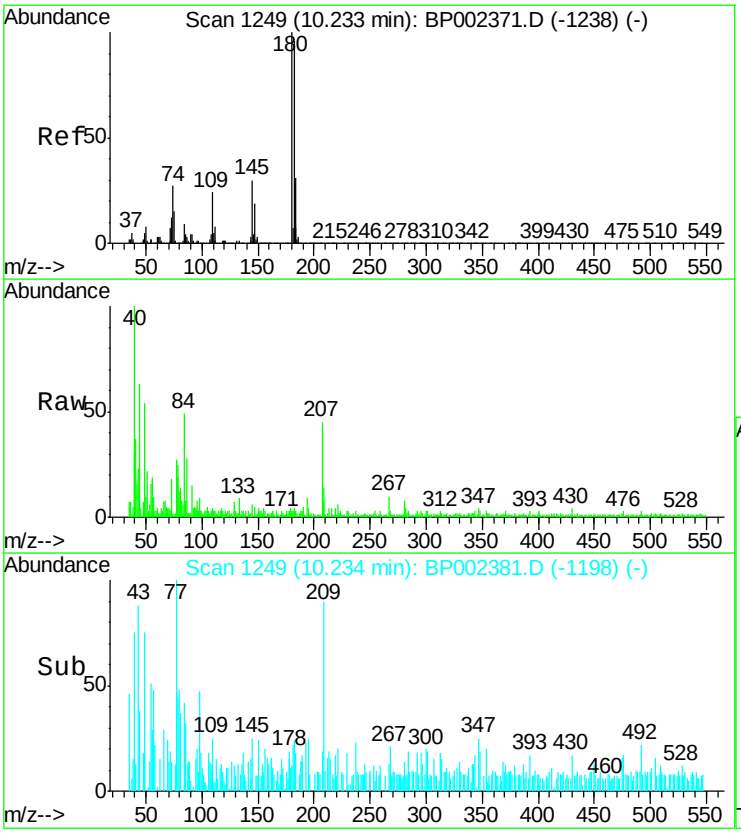

#29
2,4-Dichlorophenol
Concen: 0.003 ng
RT: 10.04 min Scan# 1216
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:162 Resp: 38

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 38.5 | 45.5 | 85.5# |
| 98 | 42.3 | 16.6 | 56.6 |

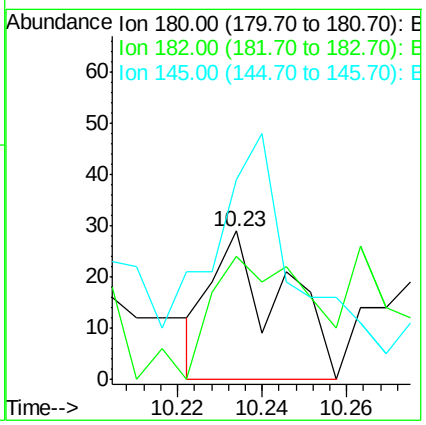


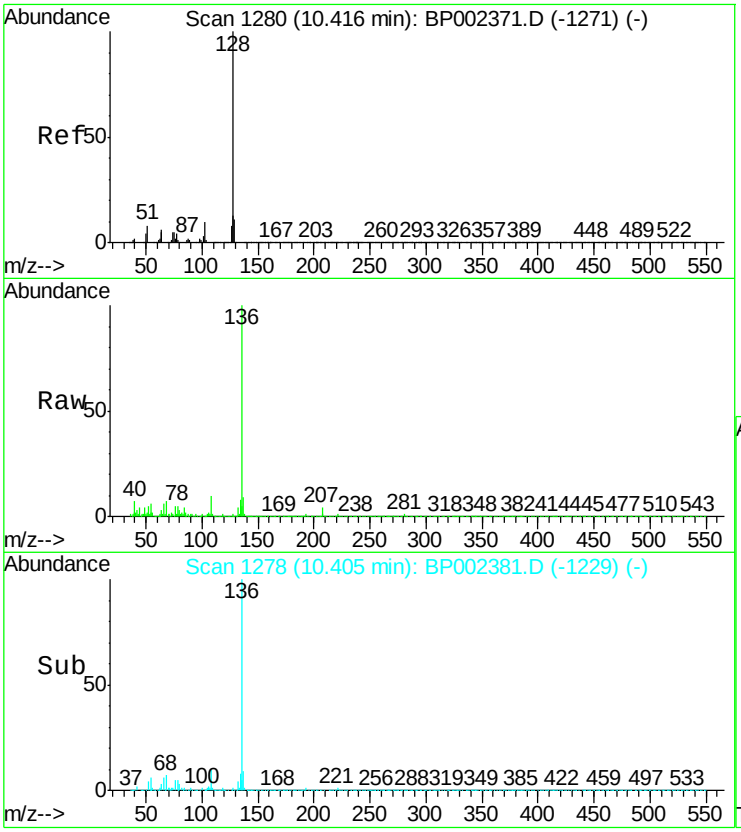




#30
1,2,4-Trichlorobenzene
Concen: 0.003 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:180 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 82.8 | 77.1 | 115.7 |
| 145 | 134.5 | 23.8 | 35.6# |



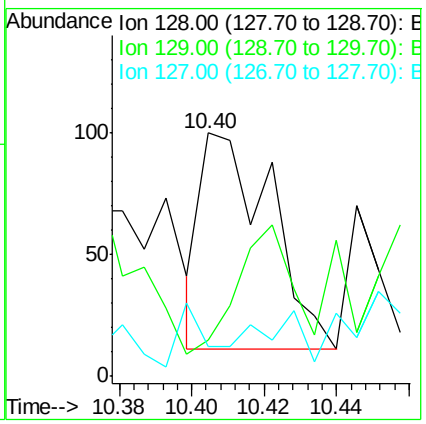


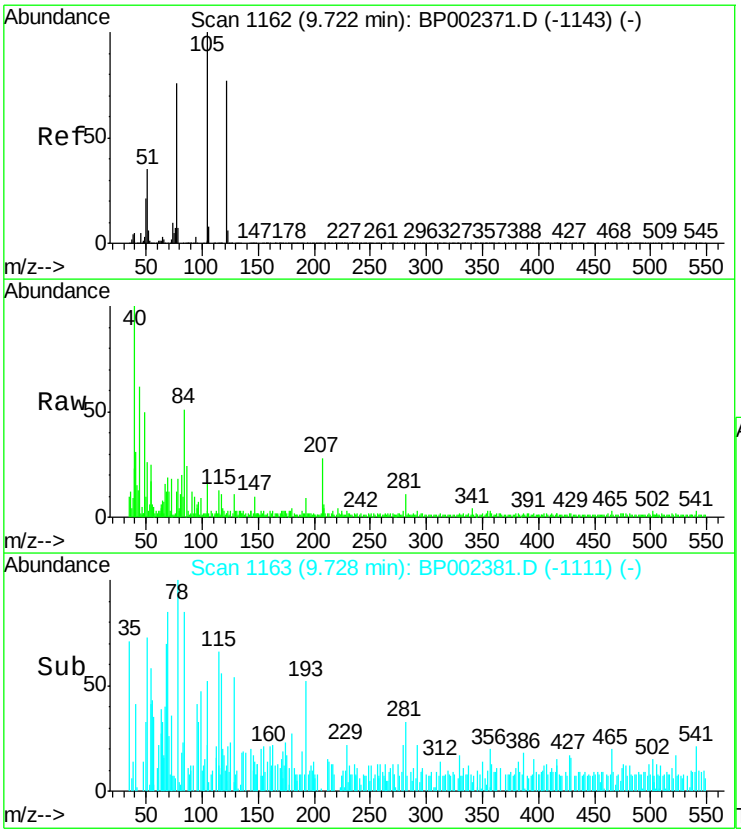

#31
Naphthalene
Concen: 0.003 ng
RT: 10.40 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:128 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 15.0 | 8.7 | 13.1# |
| 127 | 12.0 | 10.3 | 15.5 |

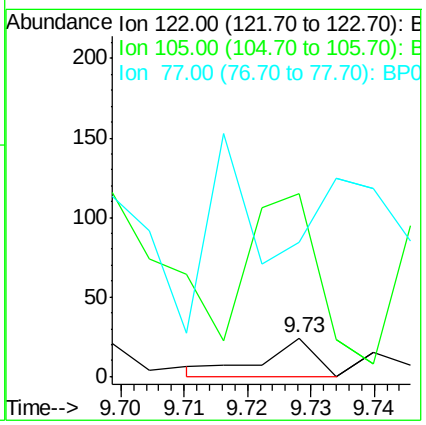


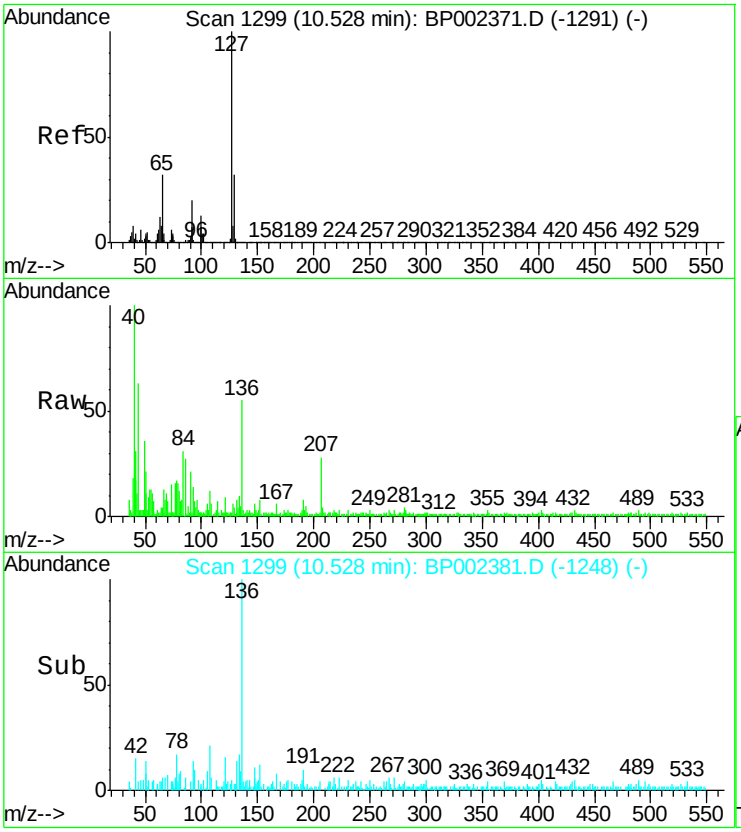




#32
Benzoic acid
Concen: 0.002 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:122 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 479.2 | 106.3 | 146.3# |
| 77 | 350.0 | 77.5 | 117.5# |



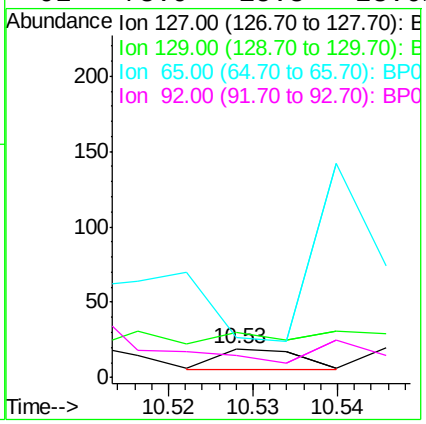


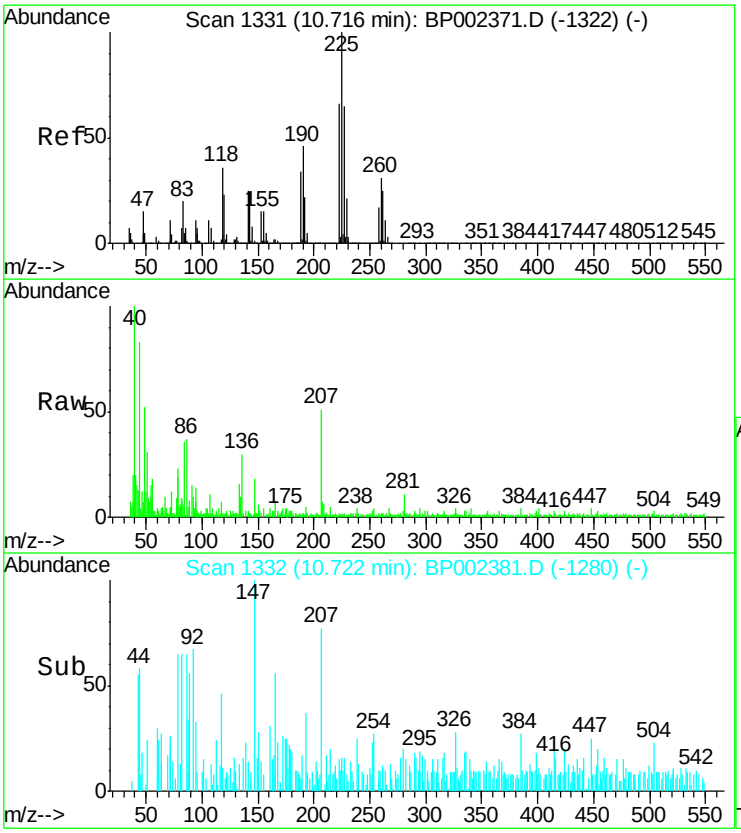

#33
4-Chloroaniline
Concen: 0.001 ng
RT: 10.53 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:127 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 157.9 | 25.4 | 38.2# |
| 65 | 142.1 | 25.3 | 37.9# |
| 92 | 78.9 | 15.8 | 23.6# |

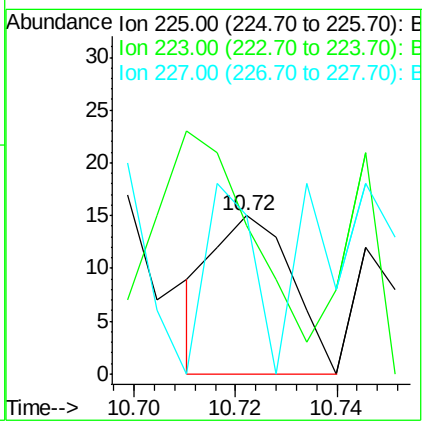


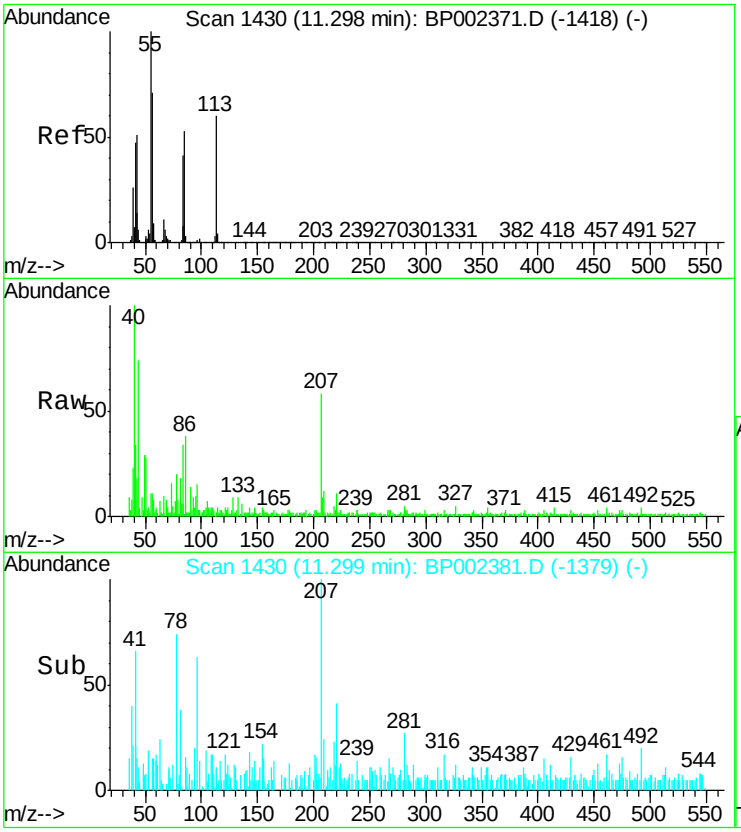




#34
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.72 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:225 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.3 | 52.6 | 78.8 |
| 227 | 62.5 | 52.2 | 78.2 |



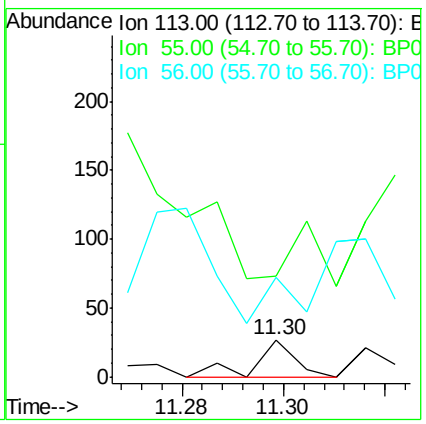


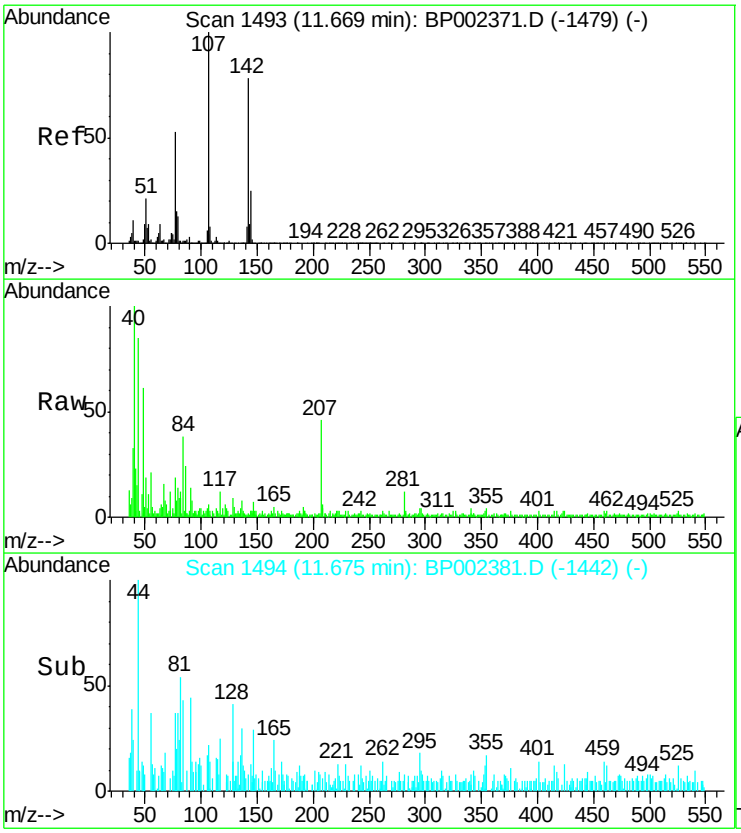

#35
Caprolactam
Concen: 0.004 ng
RT: 11.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:113 Resp: 15

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 270.4 | 147.9 | 187.9# |
| 56 | 266.7 | 99.9 | 139.9# |

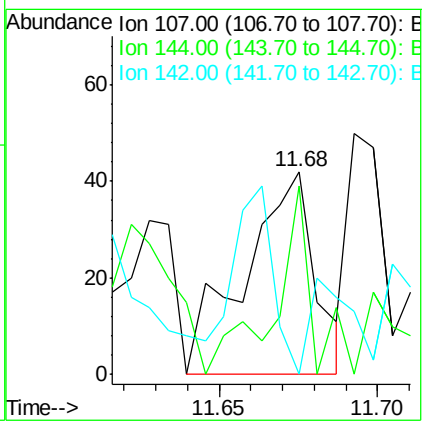


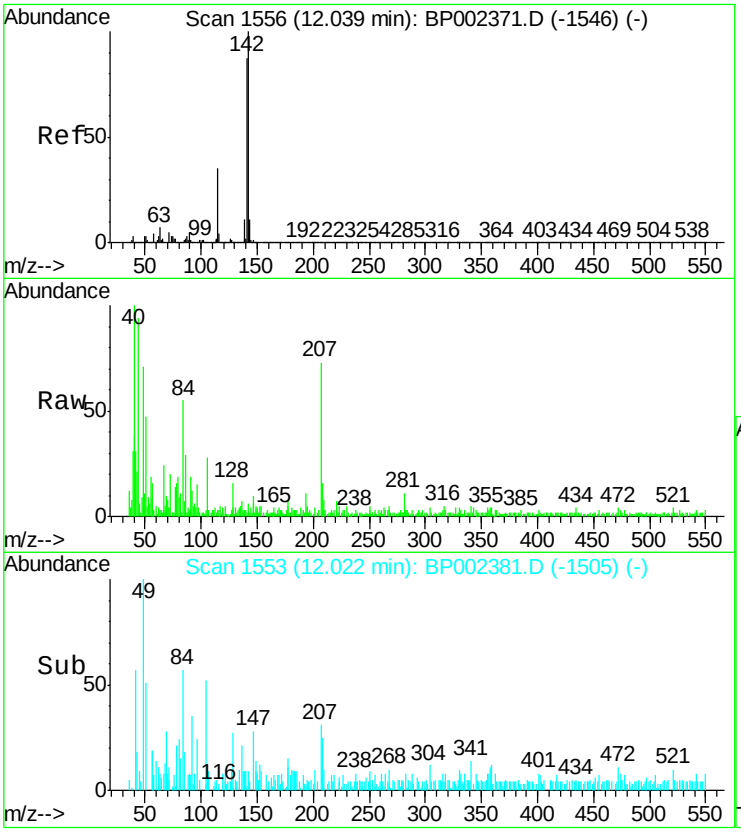




#36
4-Chloro-3-methylphenol
Concen: 0.005 ng
RT: 11.68 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:107 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 61.9 | 20.4 | 30.6# |
| 142 | 0.0 | 62.2 | 93.4# |



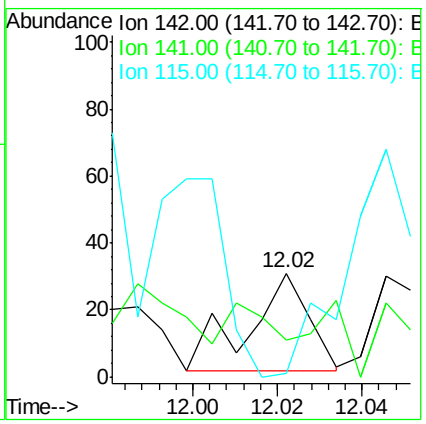


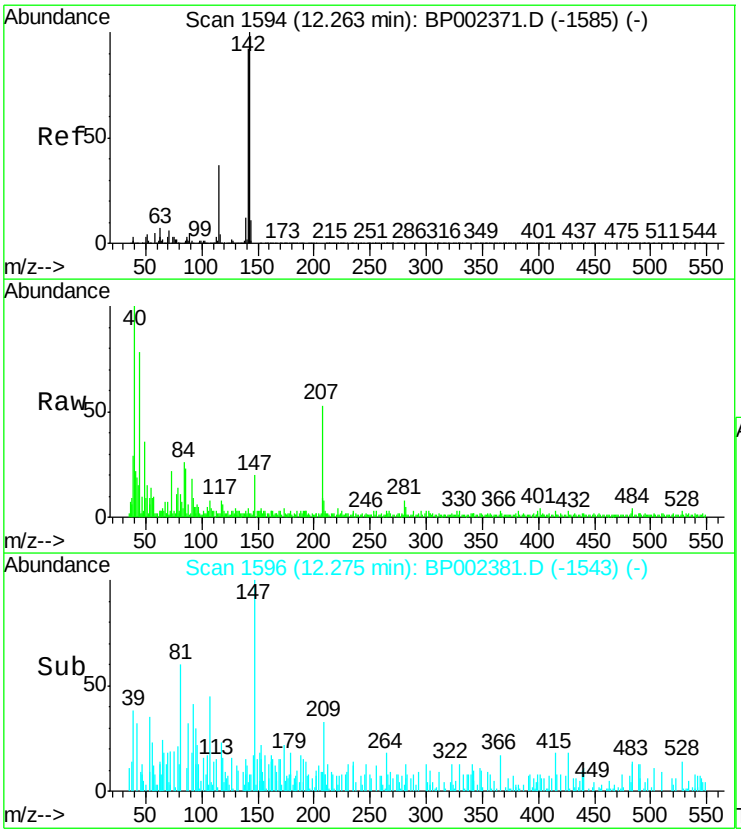

#37
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.02 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:142 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 35.5 | 69.7 | 104.5# |
| 115 | 3.2 | 27.8 | 41.8# |

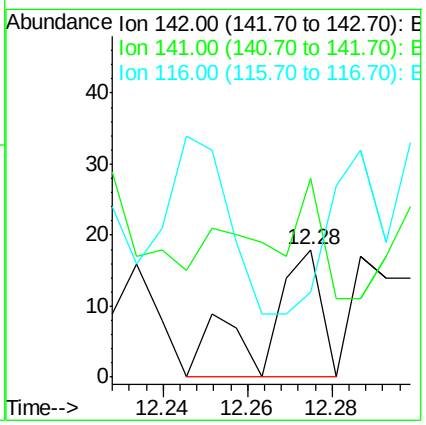


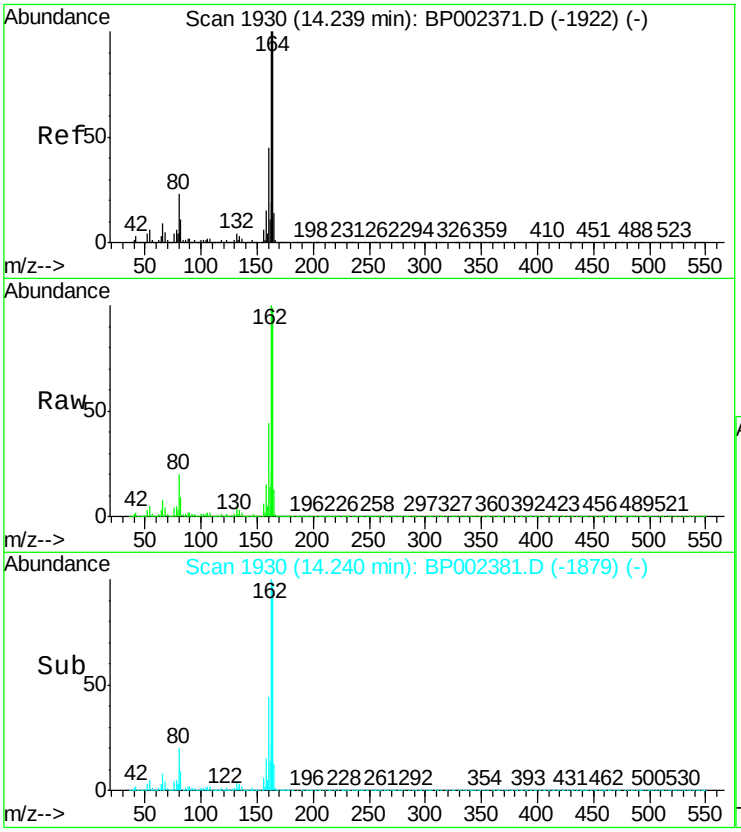




#38
1-Methylnaphthalene
Concen: 0.001 ng
RT: 12.28 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:142 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 155.6 | 73.6 | 110.4# |
| 116 | 66.7 | 3.1 | 4.7# |



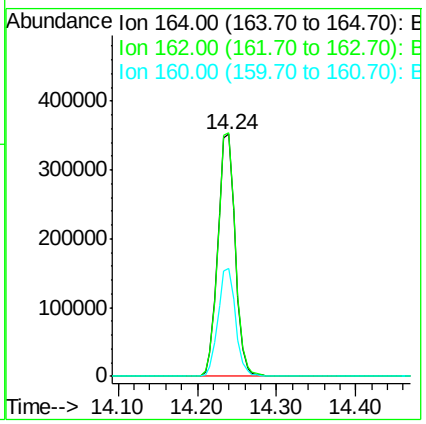


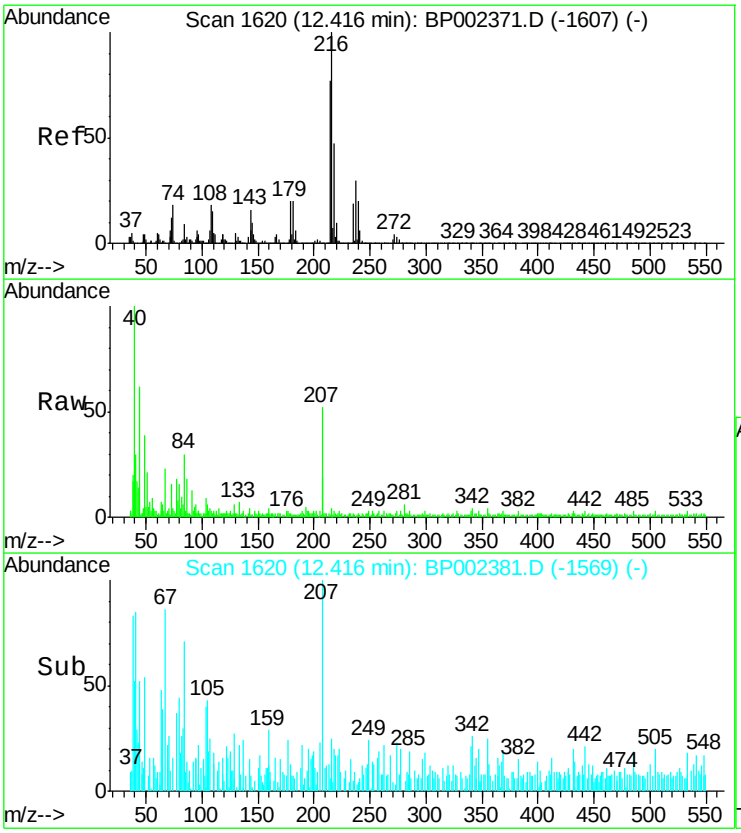

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:164 Resp: 534400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 79.8 | 119.8 |
| 160 | 44.4 | 36.2 | 54.2 |

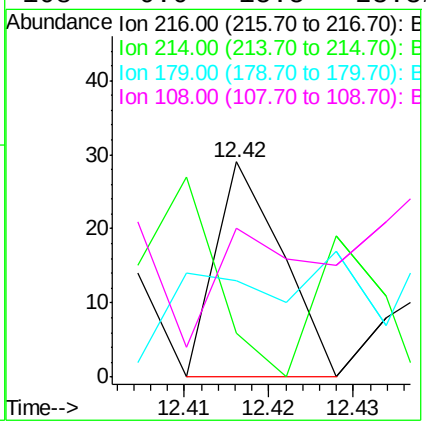


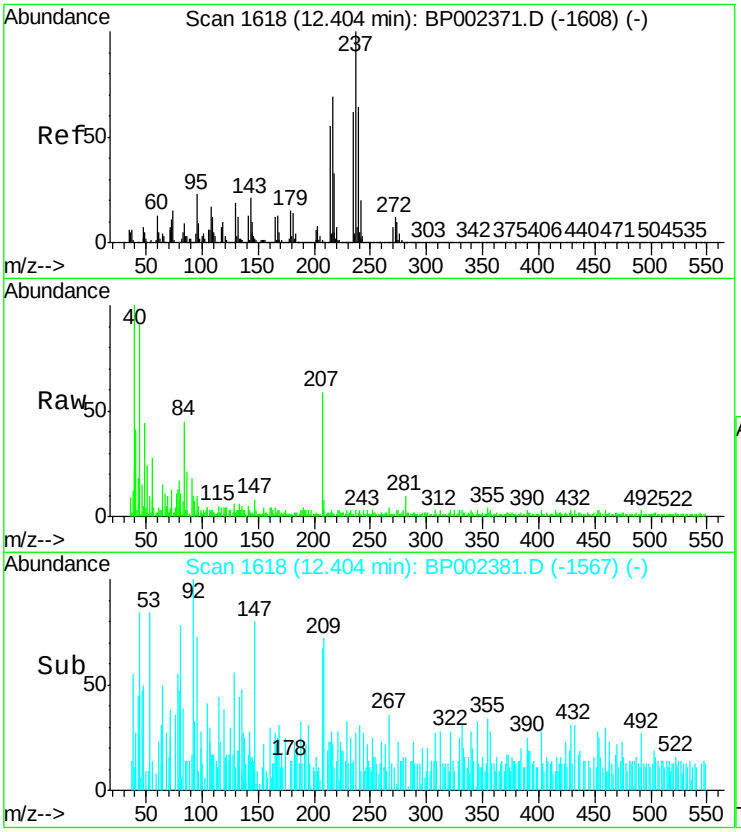




#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.001 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:216 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 150.0 | 62.6 | 94.0# |
| 179 | 0.0 | 16.4 | 24.6# |
| 108 | 0.0 | 15.5 | 23.3# |



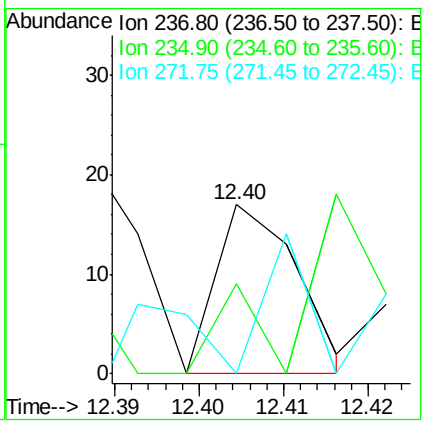


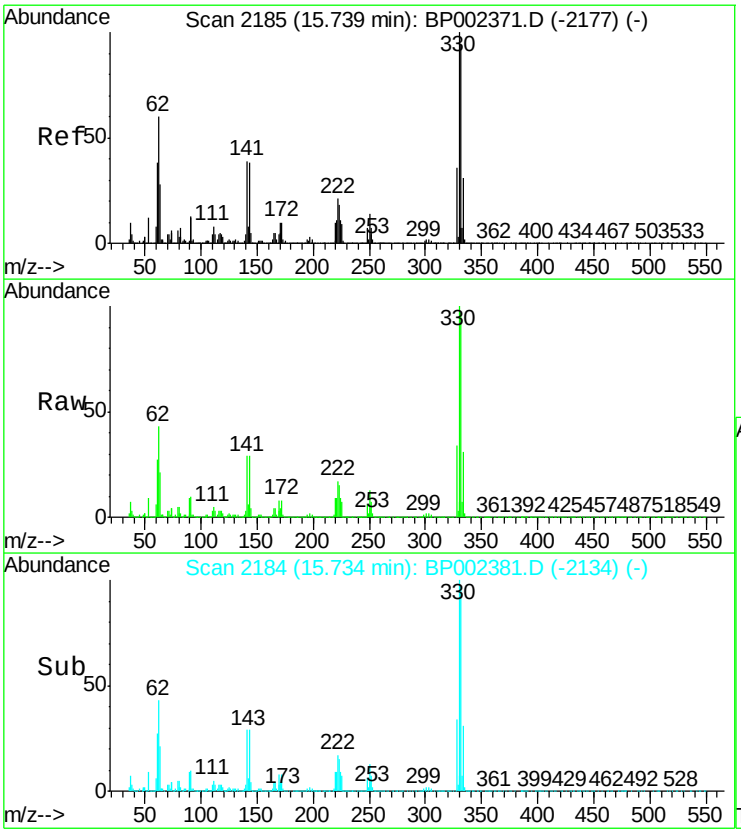

#41
Hexachlorocyclopentadiene
Concen: 0.001 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:237 Resp: 11

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 52.9 | 42.0 | 82.0 |
| 272 | 0.0 | 0.0 | 32.5 |

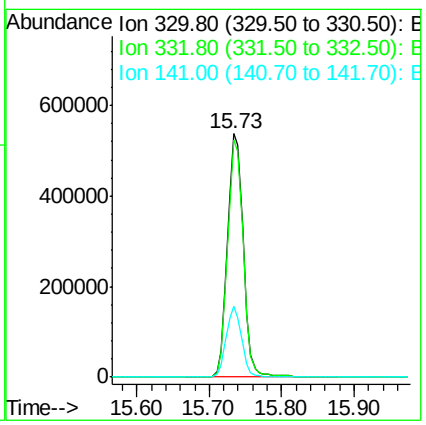


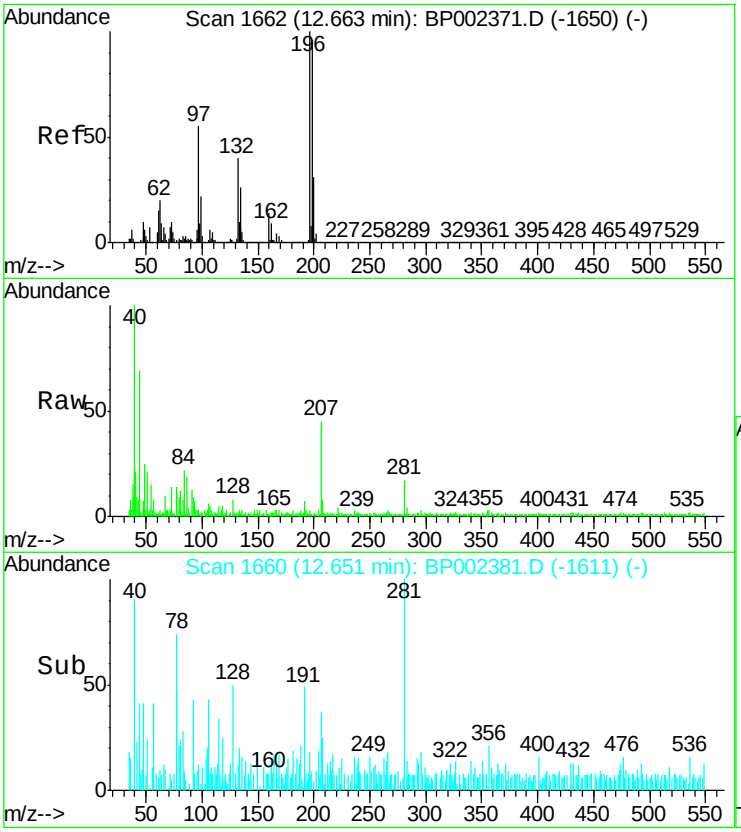




#42
2,4,6-Tribromophenol
Concen: 159.740 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:330 Resp: 817309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.6 | 115.0 |
| 141 | 28.5 | 30.3 | 45.5# |



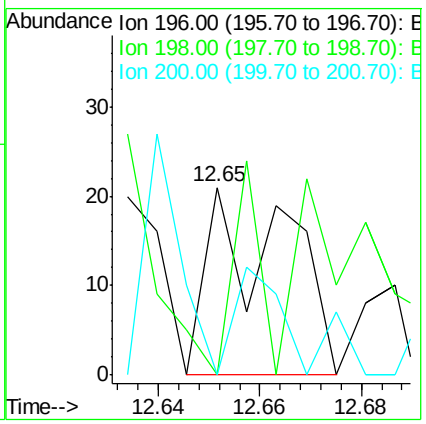


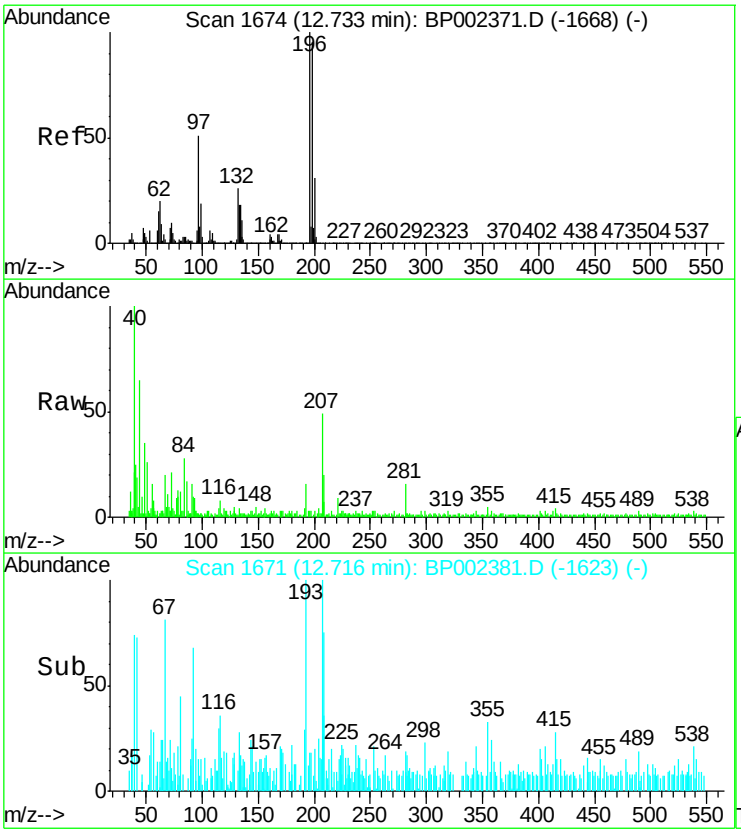

#43
2,4,6-Trichlorophenol
Concen: 0.002 ng
RT: 12.65 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:196 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 76.6 | 115.0# |
| 200 | 0.0 | 24.7 | 37.1# |

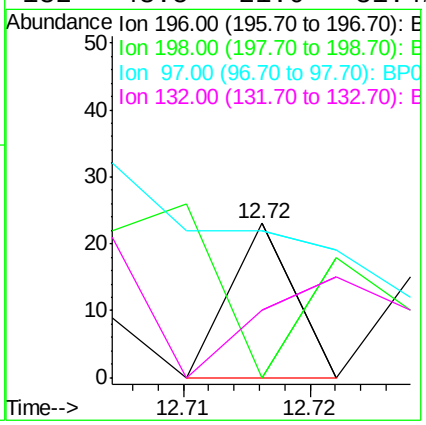


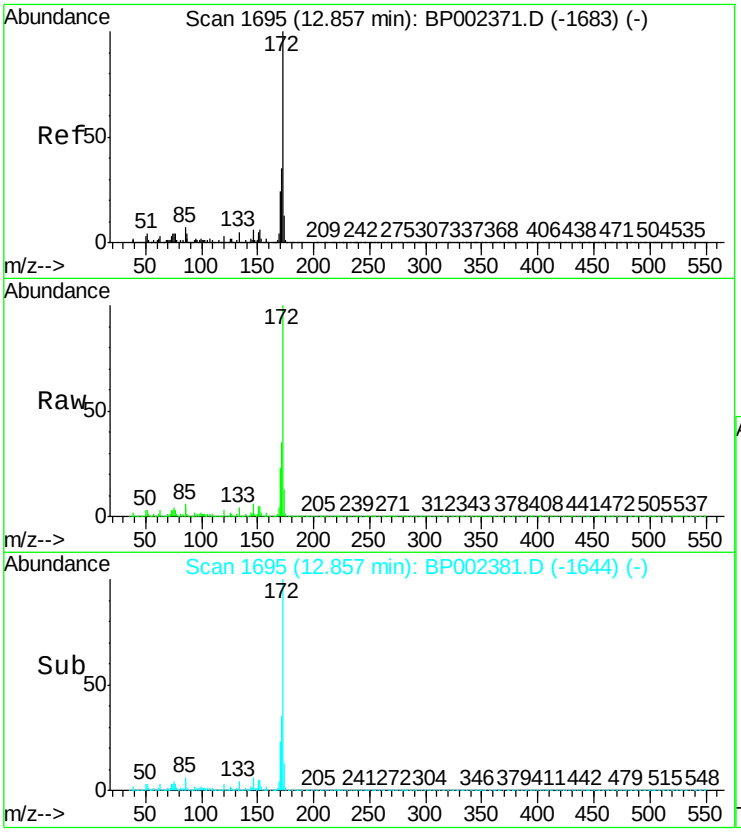




#44
2,4,5-Trichlorophenol
Concen: 0.001 ng
RT: 12.72 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:196 Resp: 8

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 76.2 | 114.2# |
| 97 | 95.7 | 40.6 | 61.0# |
| 132 | 43.5 | 21.0 | 31.4# |



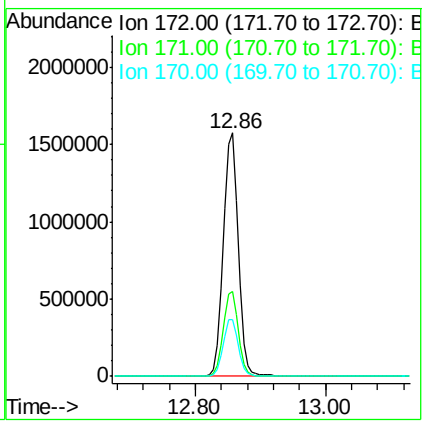


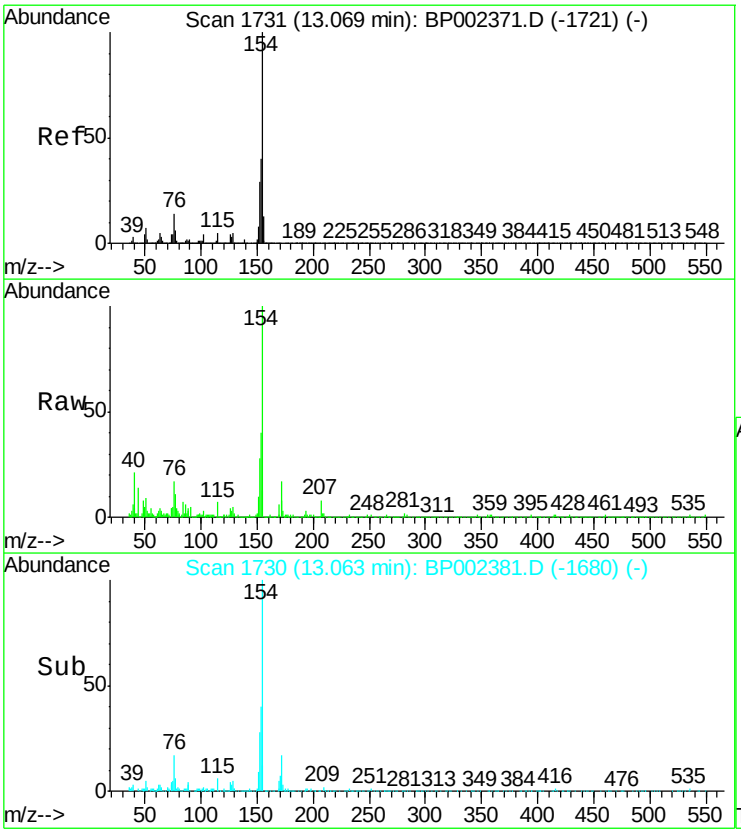

#45
2-Fluorobiphenyl
Concen: 79.210 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:172 Resp: 2517505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 27.8 | 41.8 |
| 170 | 23.5 | 19.0 | 28.6 |

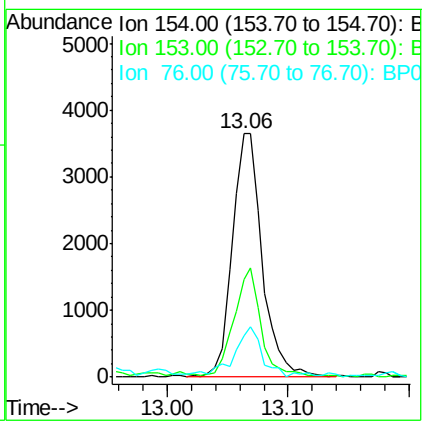


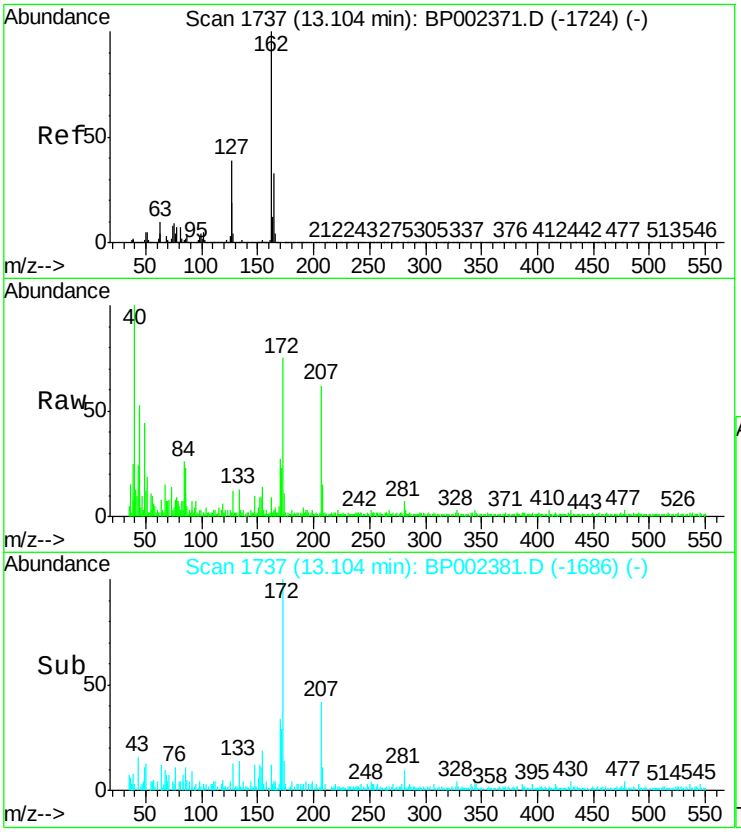




#46
1,1'-Biphenyl
Concen: 0.176 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:154 Resp: 6174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.2 | 60.2 |
| 76 | 17.0 | 0.0 | 34.2 |



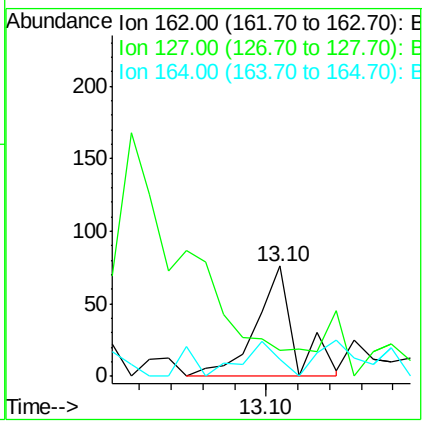


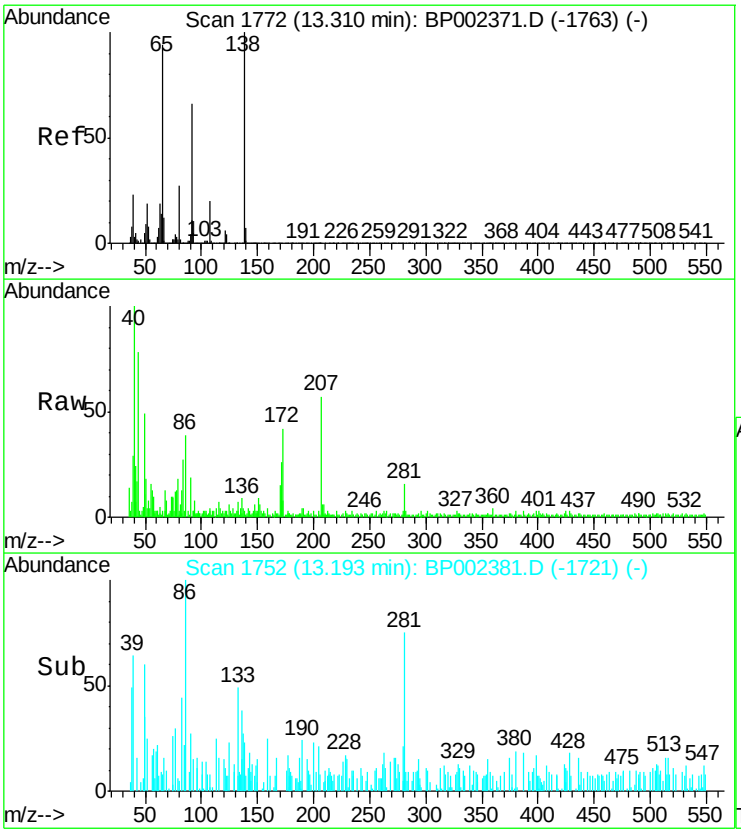

#47
2-Chloronaphthalene
Concen: 0.002 ng
RT: 13.10 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:162 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 23.7 | 31.0 | 46.4# |
| 164 | 42.1 | 26.6 | 40.0# |

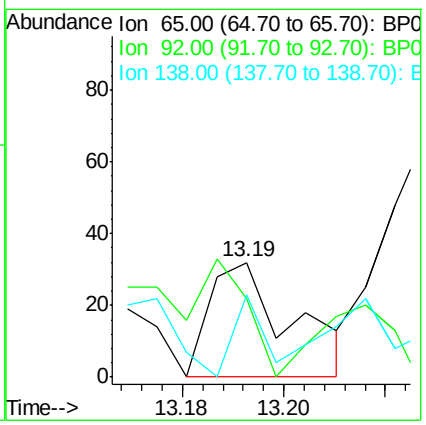


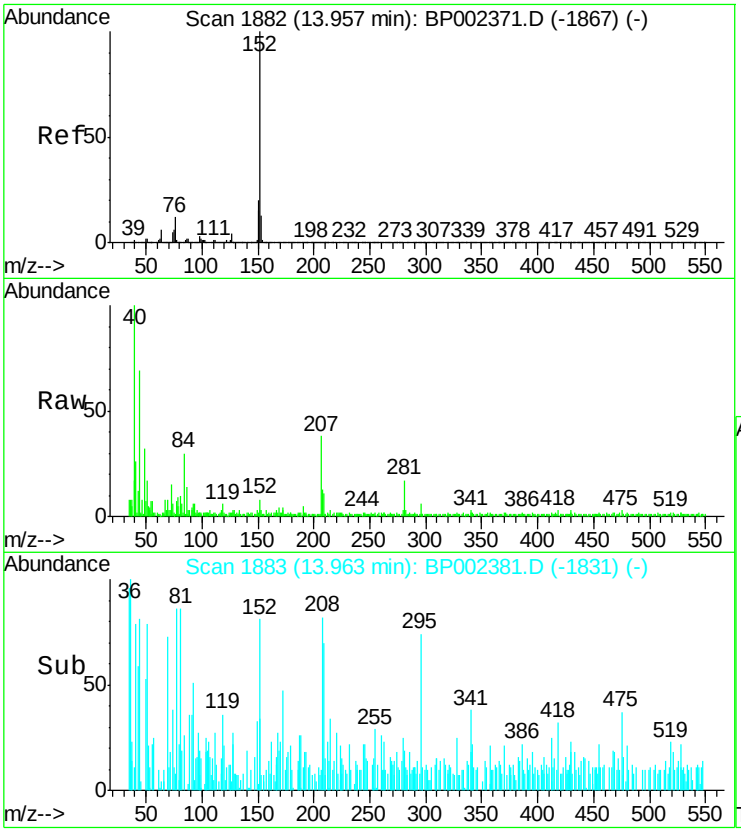




#48
2-Nitroaniline
Concen: 0.004 ng
RT: 13.19 min Scan# 1752
Delta R.T. -0.12 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion: 65 Resp: 36

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.8 | 56.3 | 84.5 |
| 138 | 96.9 | 85.0 | 127.6 |



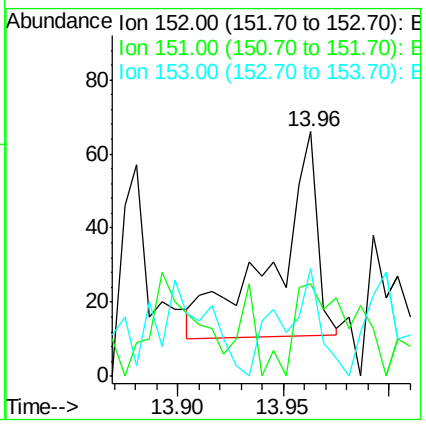


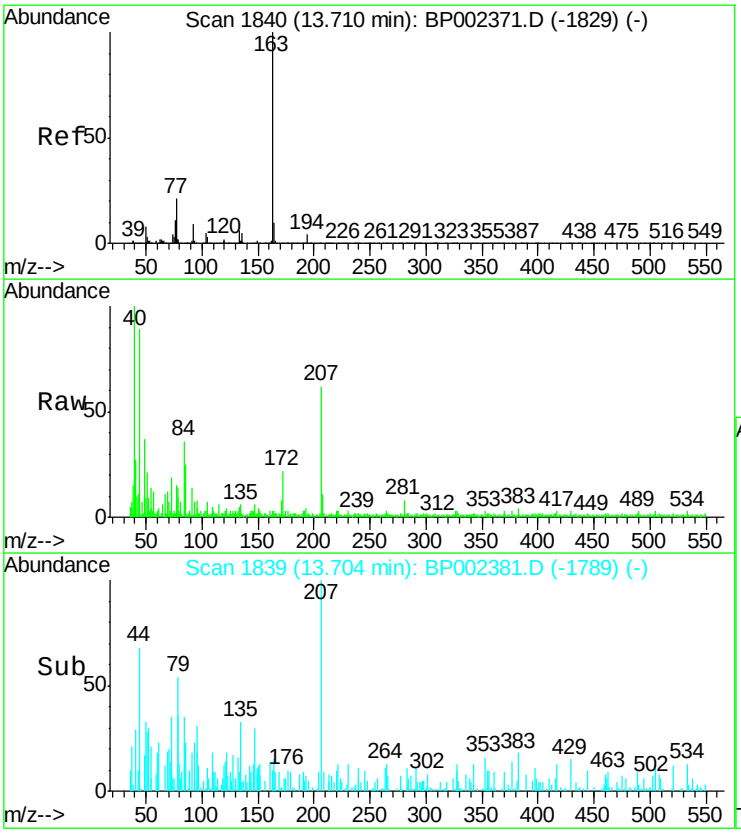

#49
Acenaphthylene
Concen: 0.002 ng
RT: 13.96 min Scan# 1883
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:152 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 37.9 | 15.7 | 23.5# |
| 153 | 43.9 | 10.5 | 15.7# |

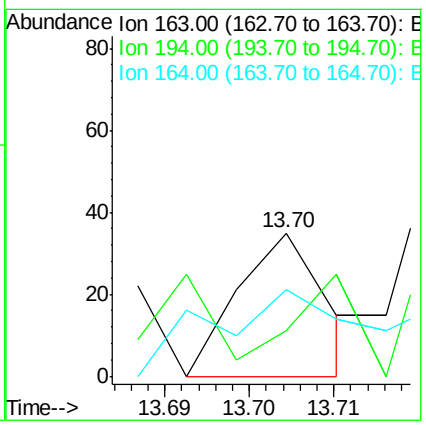


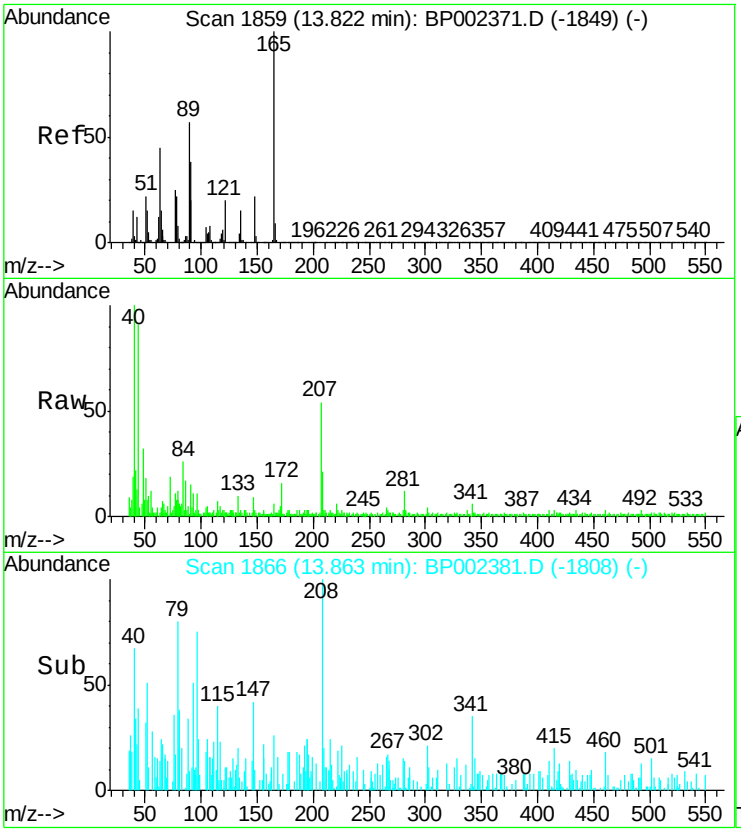




#50
Dimethylphthalate
Concen: 0.001 ng
RT: 13.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:163 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 31.4 | 3.4 | 5.0# |
| 164 | 60.0 | 8.1 | 12.1# |



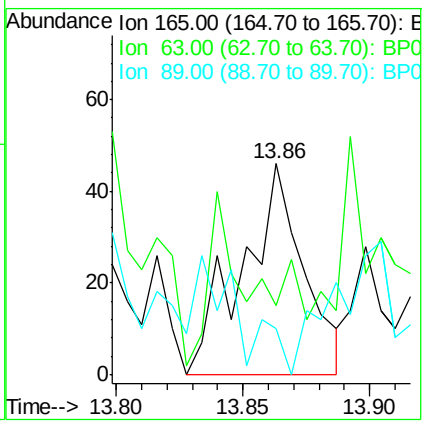


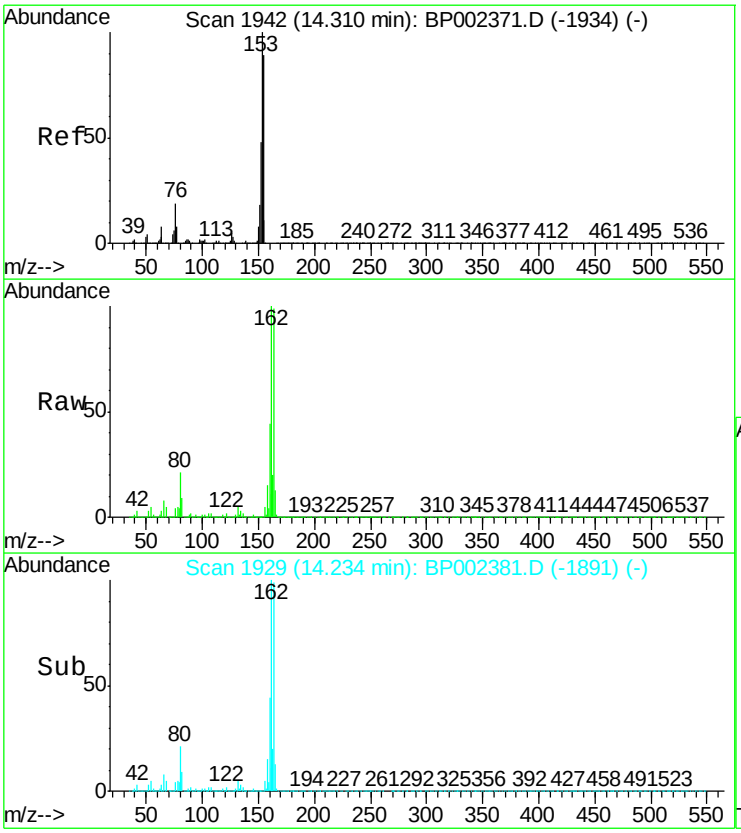

#51
2,6-Dinitrotoluene
Concen: 0.010 ng
RT: 13.86 min Scan# 1866
Delta R.T. 0.04 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:165 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.6 | 43.1 | 64.7# |
| 89 | 21.7 | 45.3 | 67.9# |

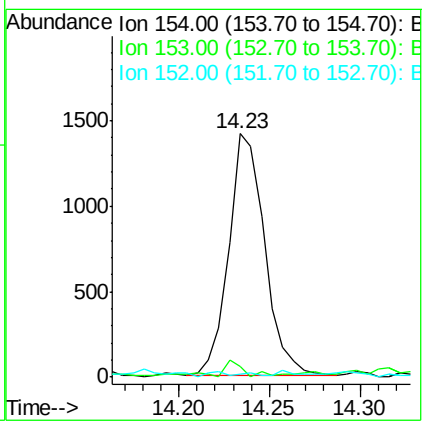


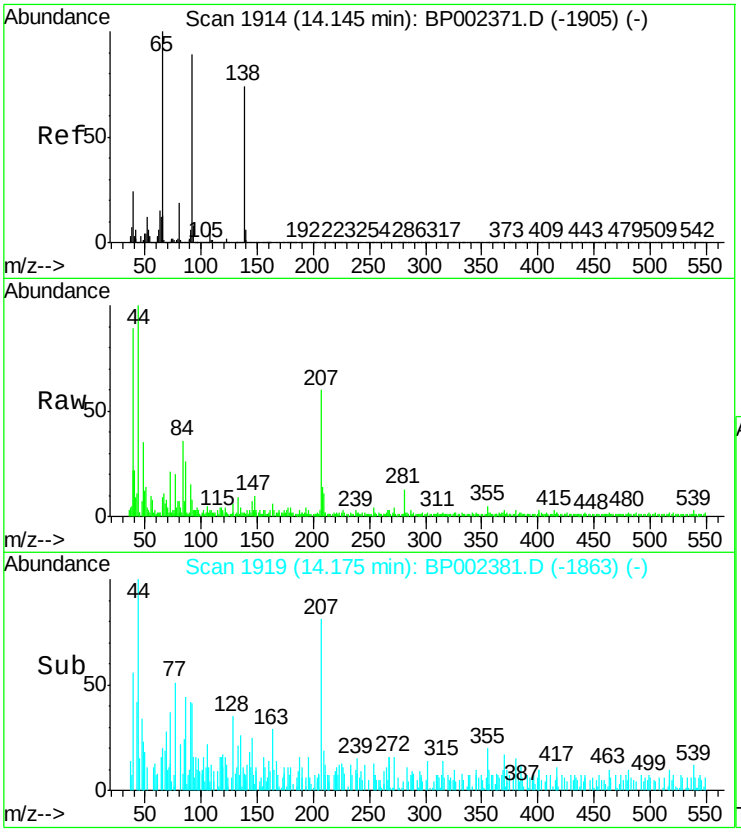




#52
Acenaphthene
Concen: 0.072 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.08 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:154 Resp: 1942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 4.1 | 89.5 | 134.3# |
| 152 | 1.1 | 43.3 | 64.9# |



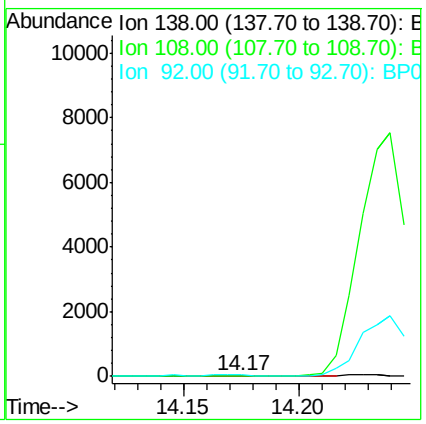


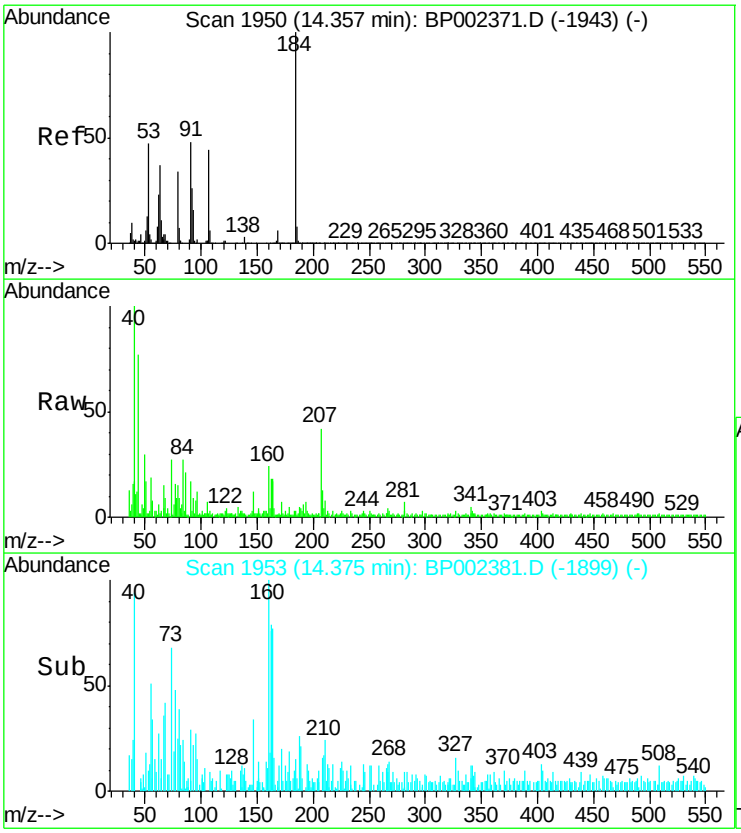

#53
3-Nitroaniline
Concen: 0.007 ng
RT: 14.17 min Scan# 1919
Delta R.T. 0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:138 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 67.7 | 8.0 | 12.0# |
| 92 | 187.1 | 96.2 | 144.2# |

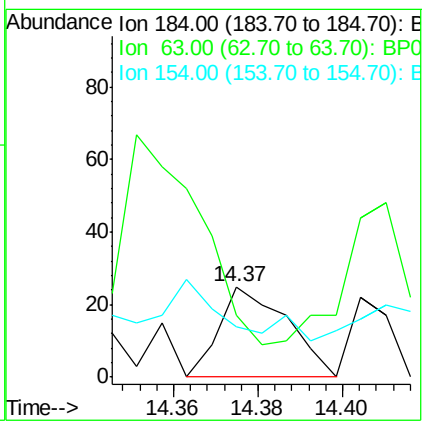


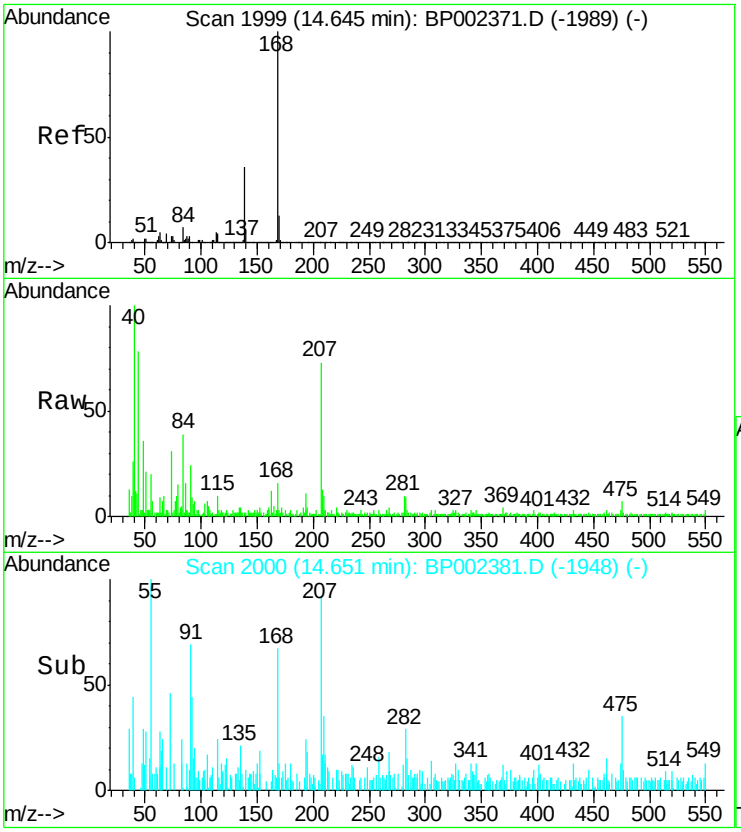




#54
2,4-Dinitrophenol
Concen: 0.006 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:184 Resp: 28

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.0 | 52.3 | 78.5 |
| 154 | 56.0 | 48.6 | 72.8 |



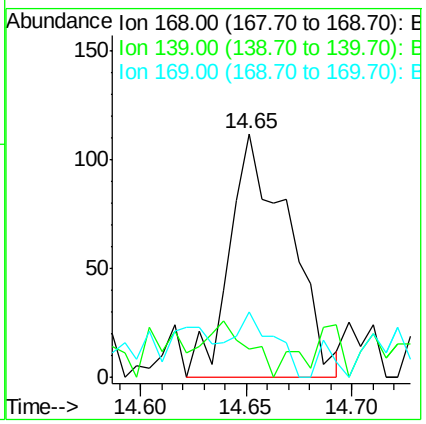


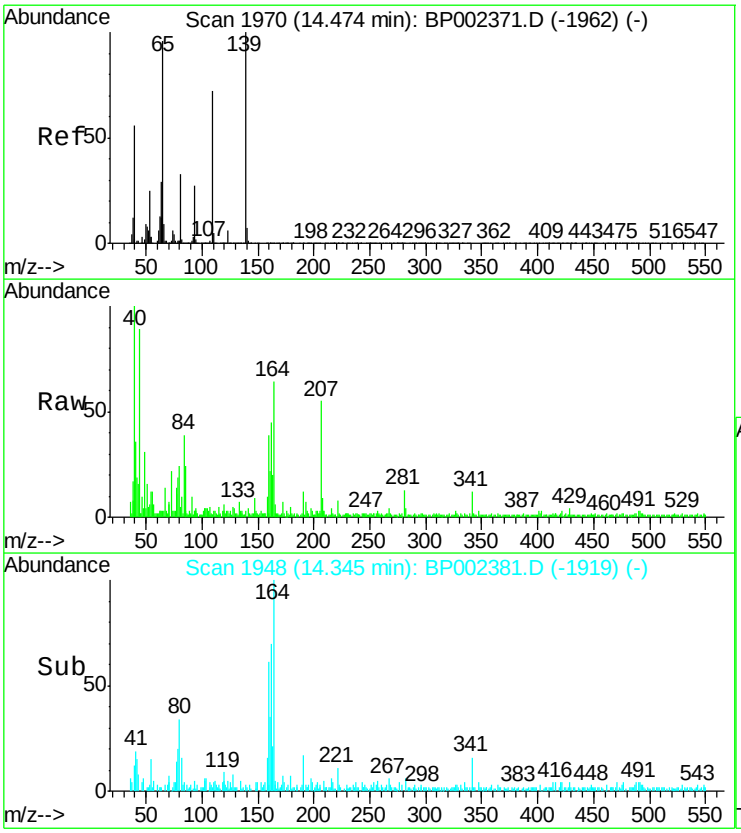

#55
Dibenzofuran
Concen: 0.005 ng
RT: 14.65 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:168 Resp: 218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 11.6 | 28.9 | 43.3# |
| 169 | 26.8 | 10.6 | 15.8# |

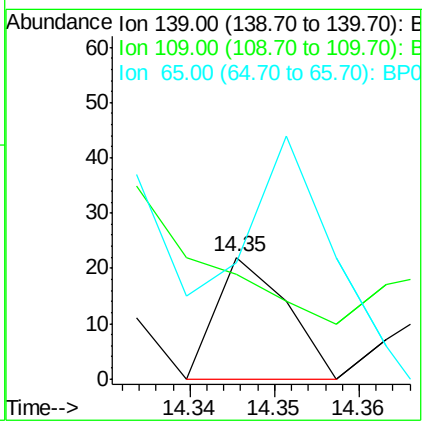


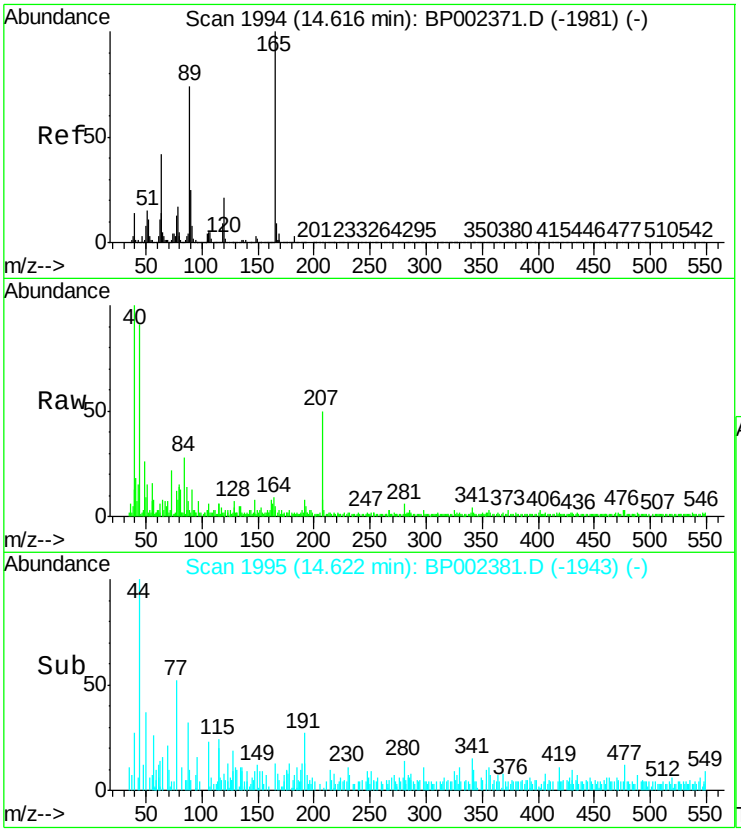




#56
4-Nitrophenol
Concen: 0.002 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.13 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:139 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 86.4 | 52.0 | 92.0 |
| 65 | 95.5 | 76.3 | 116.3 |



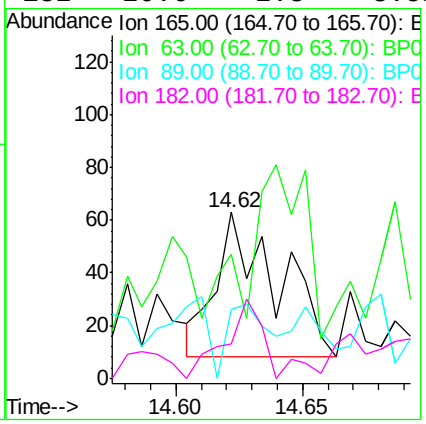


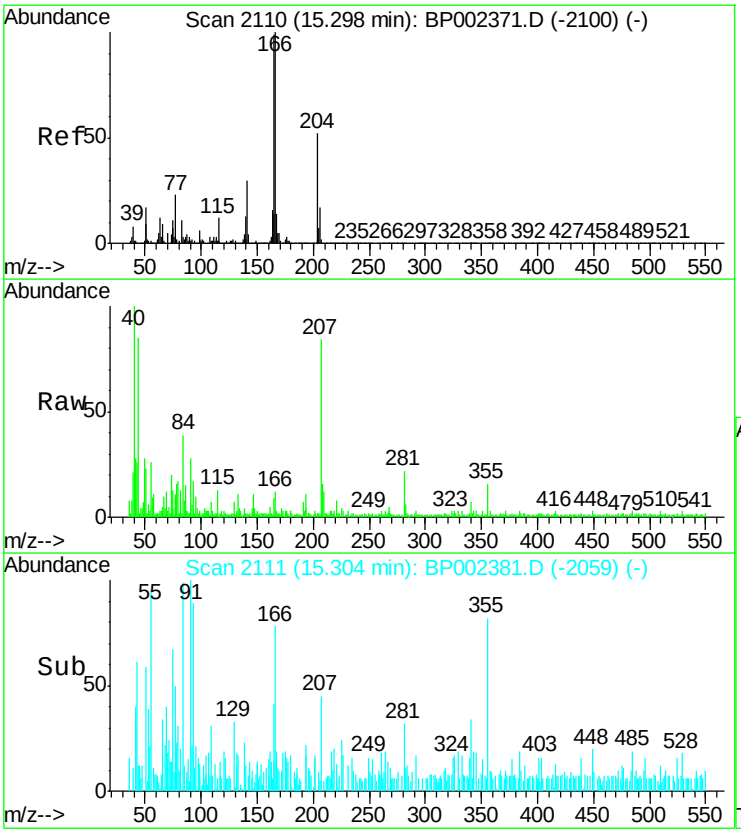

#57
2,4-Dinitrotoluene
Concen: 0.009 ng
RT: 14.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:165 Resp: 94

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 74.6 | 34.2 | 51.2# |
| 89 | 41.3 | 59.3 | 88.9# |
| 182 | 20.6 | 2.3 | 3.5# |

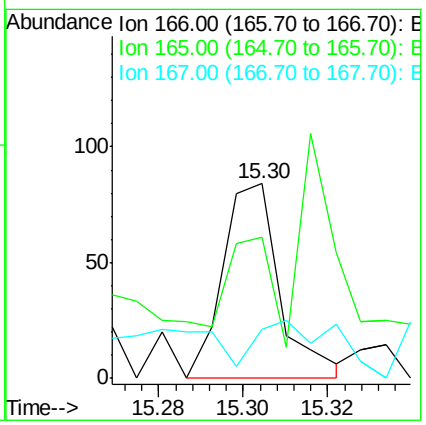


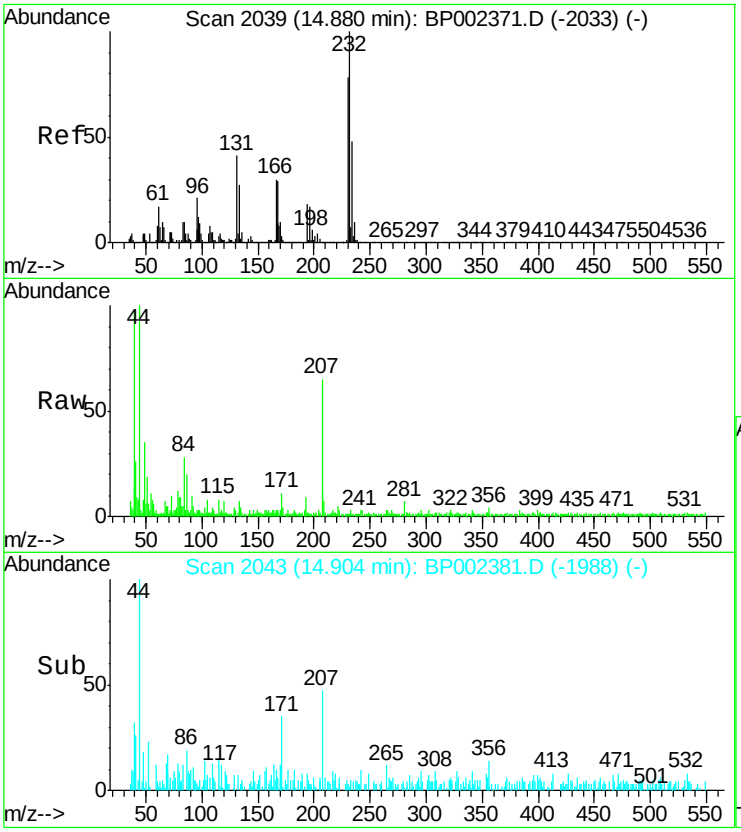




#58
Fluorene
Concen: 0.002 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:166 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 72.6 | 79.1 | 118.7# |
| 167 | 25.0 | 11.0 | 16.4# |



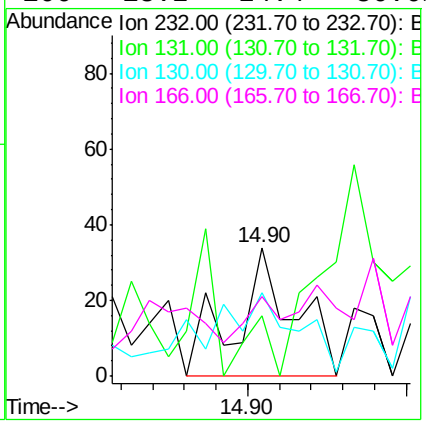


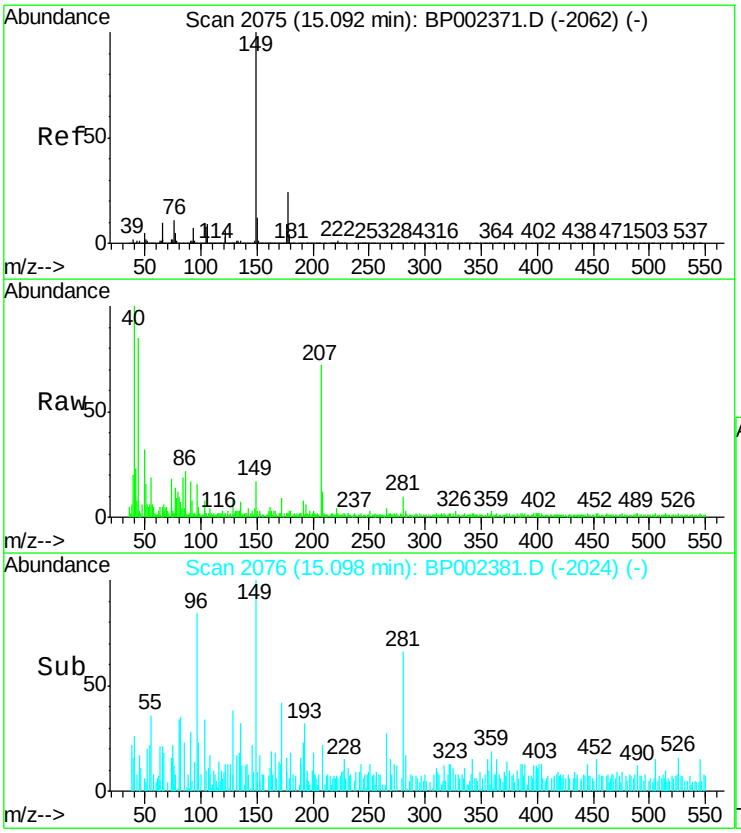

#59
2,3,4,6-Tetrachlorophenol
Concen: 0.005 ng
RT: 14.90 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:232 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 0.0 | 35.1 | 52.7# |
| 130 | 95.5 | 1.8 | 2.8# |
| 166 | 18.2 | 24.4 | 36.6# |

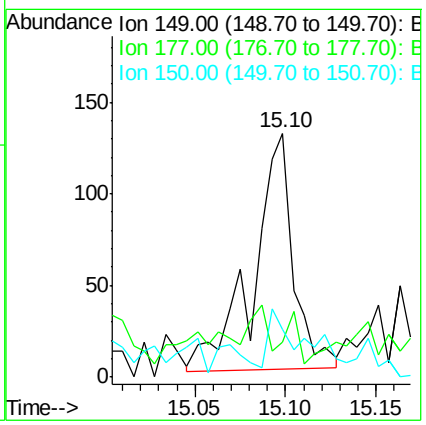


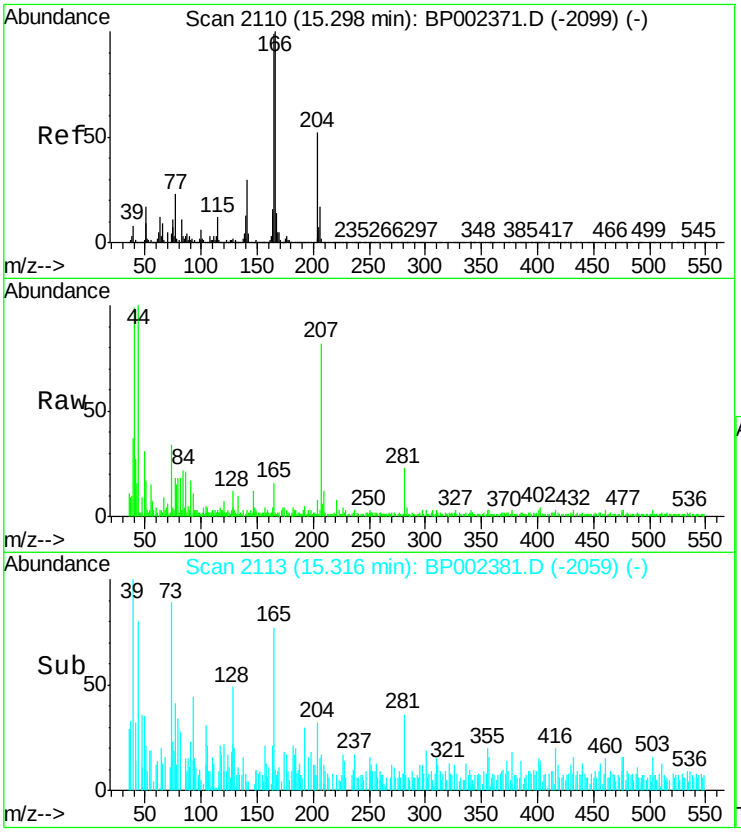




#60
Diethylphthalate
Concen: 0.005 ng
RT: 15.10 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:149 Resp: 199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 13.8 | 18.9 | 28.3# |
| 150 | 18.8 | 9.9 | 14.9# |



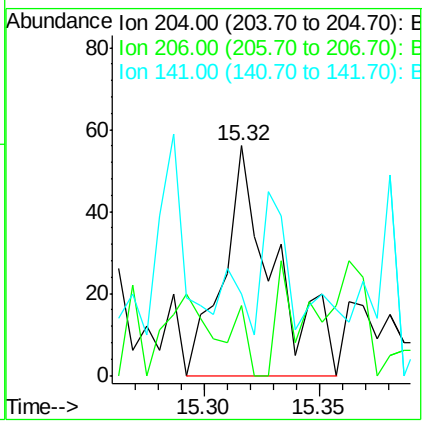


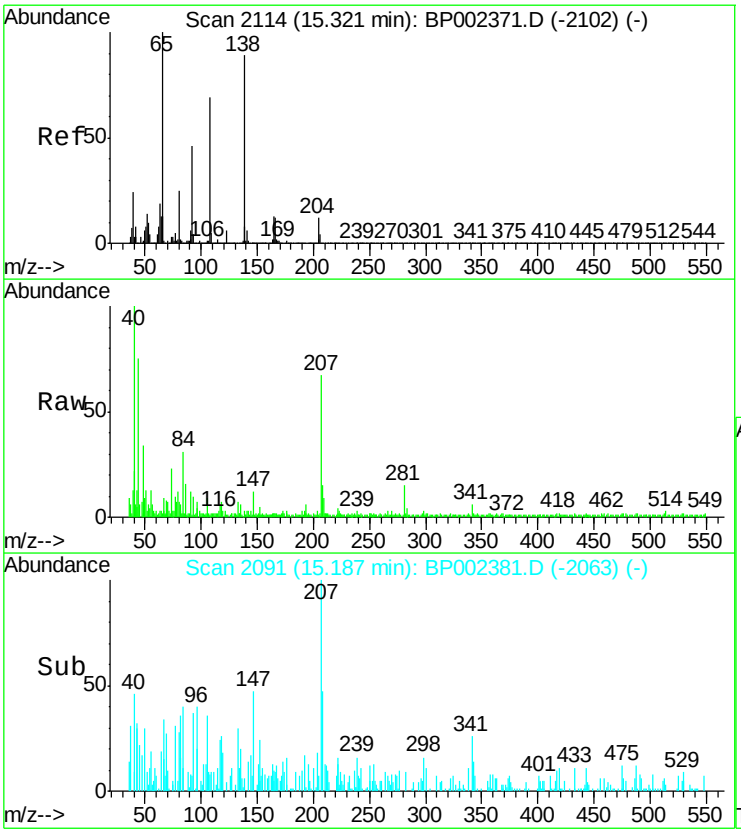

#61
4-Chlorophenyl-phenylether
Concen: 0.005 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:204 Resp: 86

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 30.4 | 26.8 | 40.2 |
| 141 | 35.7 | 46.6 | 69.8# |

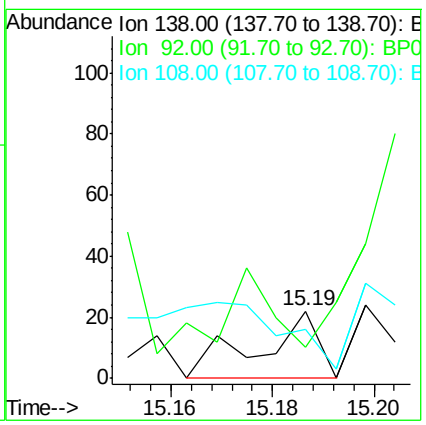


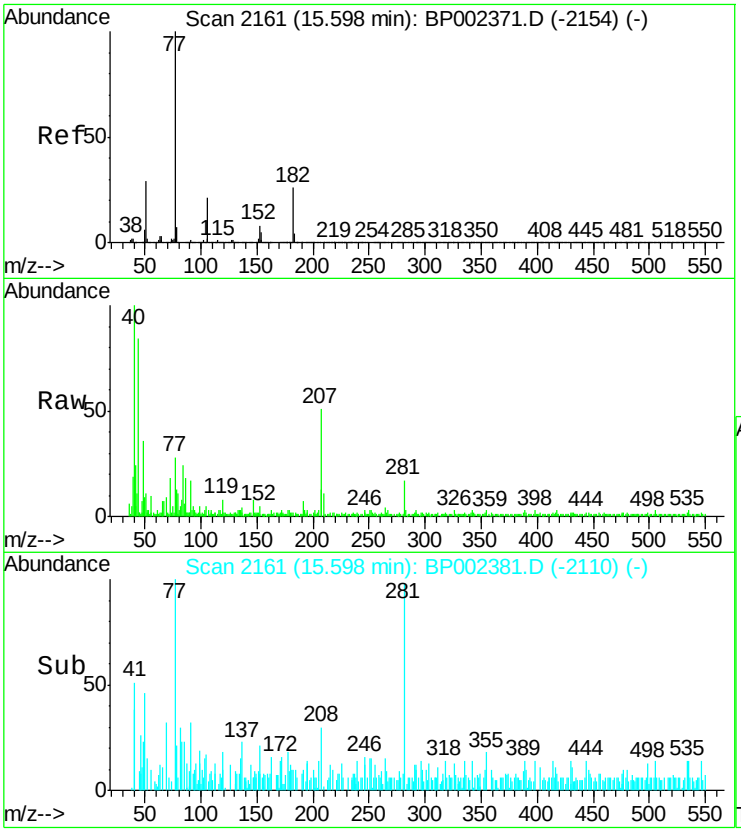




#62
4-Nitroaniline
Concen: 0.002 ng
RT: 15.19 min Scan# 2091
Delta R.T. -0.13 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:138 Resp: 18

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.5 | 31.7 | 71.7 |
| 108 | 72.7 | 57.5 | 97.5 |



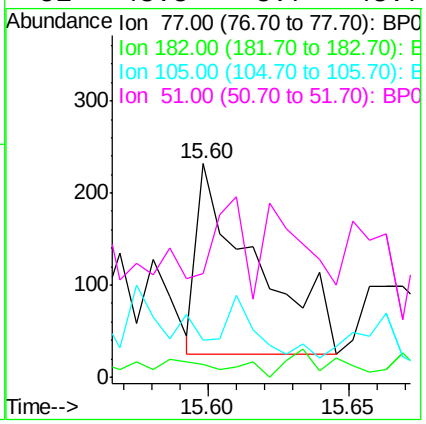


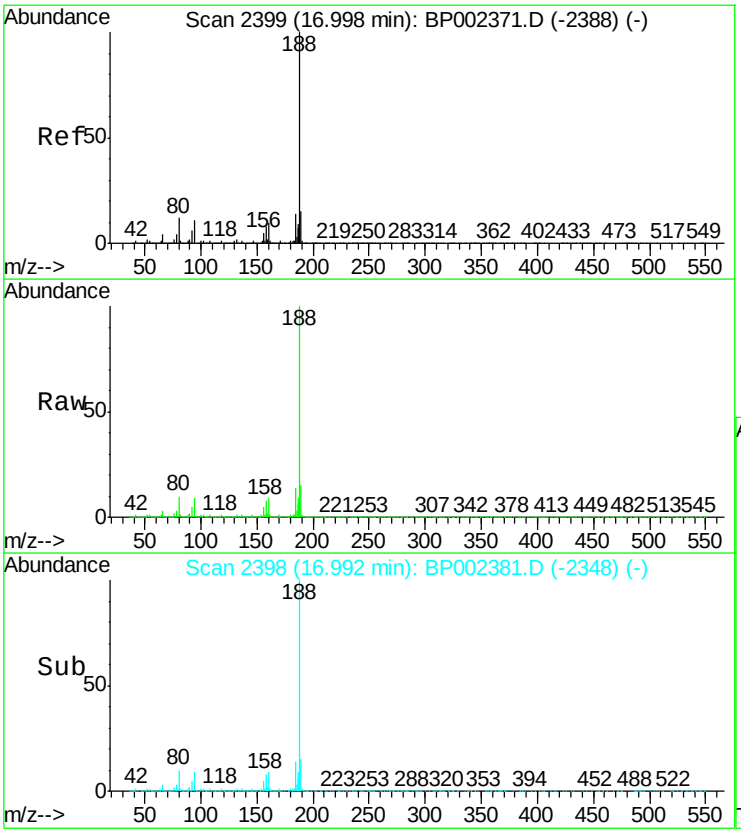

#63
Azobenzene
Concen: 0.008 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion: 77 Resp: 298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 6.0 | 6.0 | 46.0 |
| 105 | 17.2 | 1.3 | 41.3 |
| 51 | 48.3 | 8.7 | 48.7 |

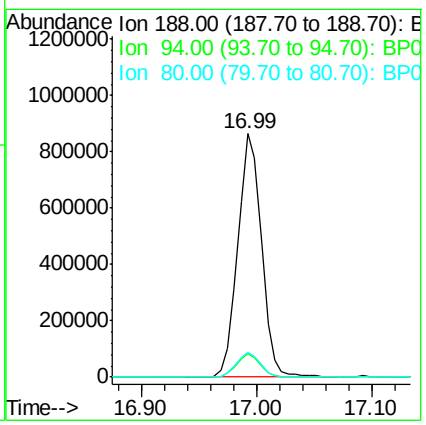


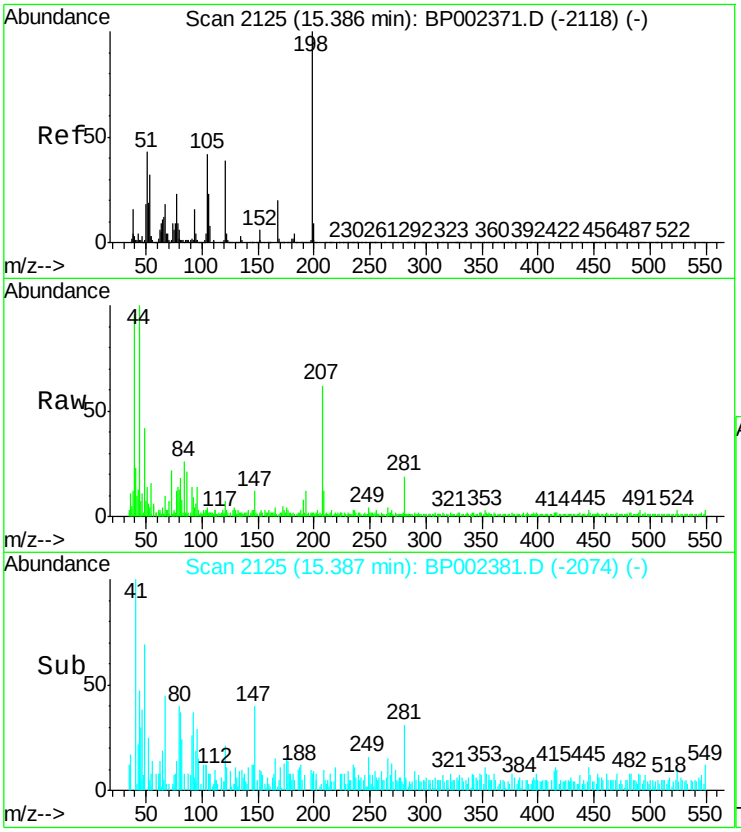




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:188 Resp: 1234400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 8.5 | 12.7 |
| 80 | 10.2 | 9.4 | 14.0 |



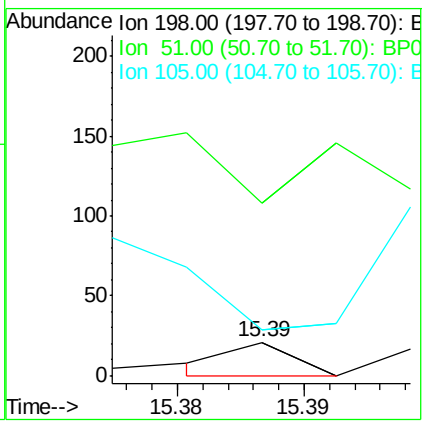


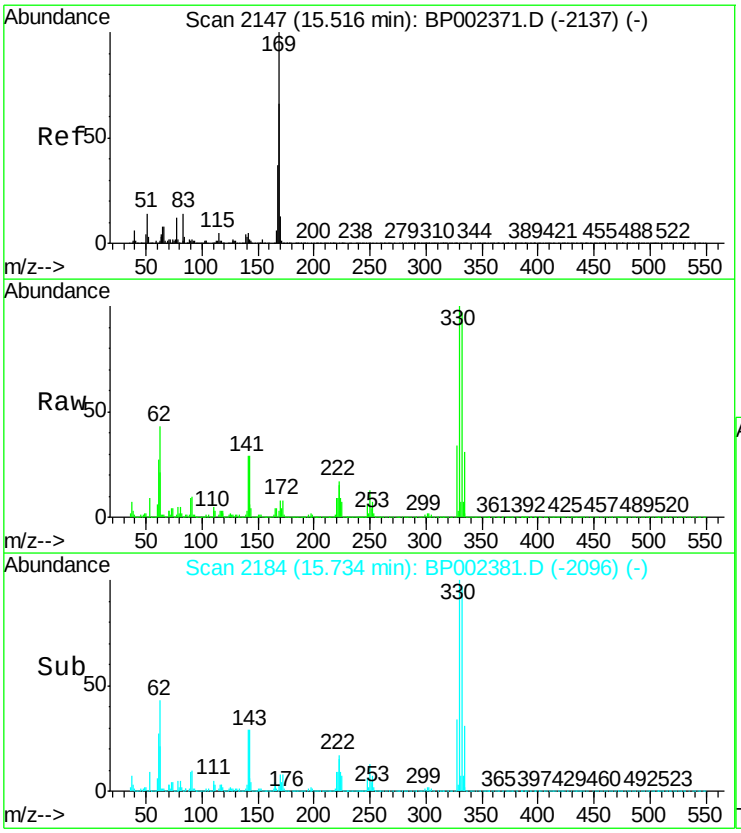

#65
4,6-Dinitro-2-methylphenol
Concen: 0.001 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:198 Resp: 7

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 514.3 | 23.4 | 63.4# |
| 105 | 138.1 | 22.5 | 62.5# |

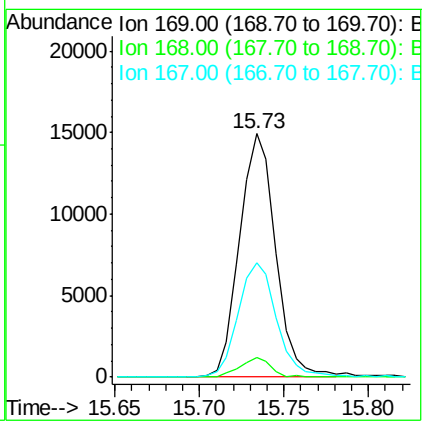


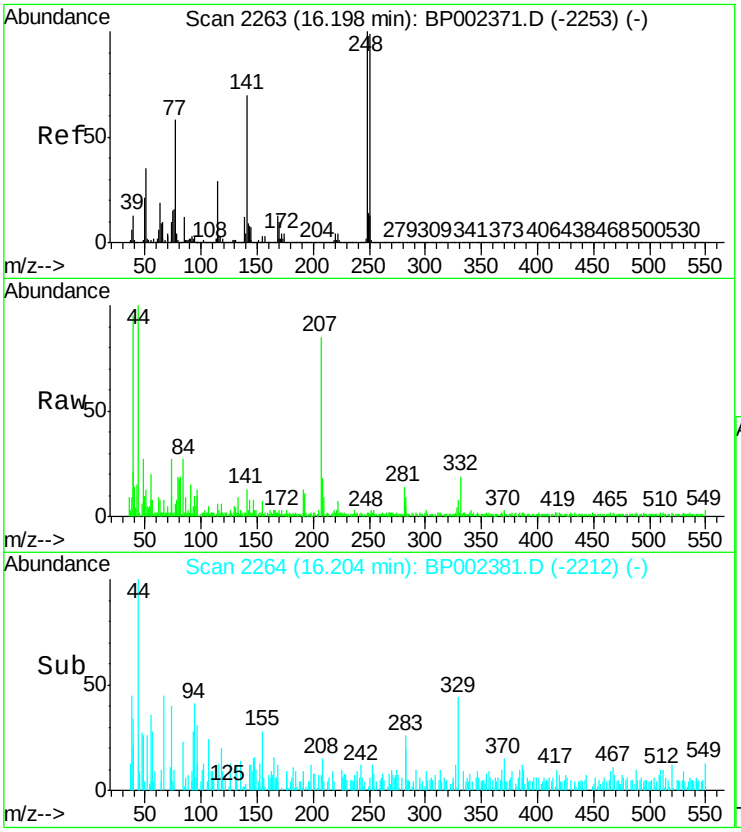




#66
n-Nitrosodiphenylamine
Concen: 0.705 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.22 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:169 Resp: 22228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.9 | 52.8 | 79.2# |
| 167 | 47.0 | 29.4 | 44.0# |



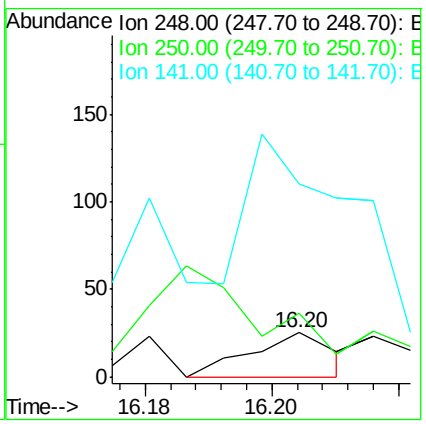


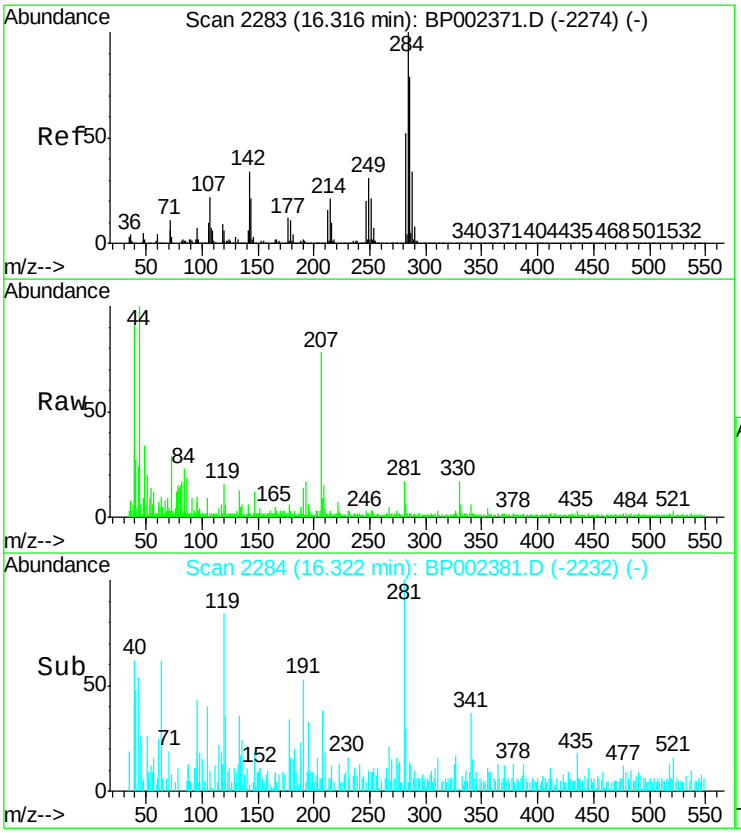

#67
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.20 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:248 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 144.0 | 79.3 | 118.9# |
| 141 | 528.0 | 55.7 | 83.5# |

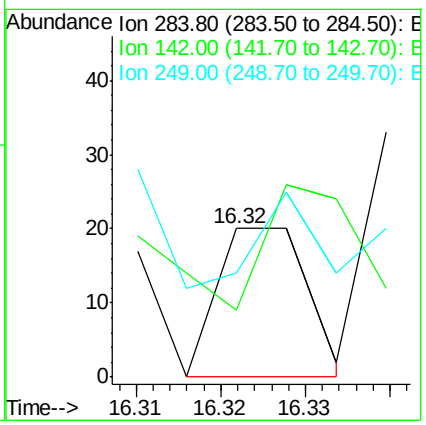


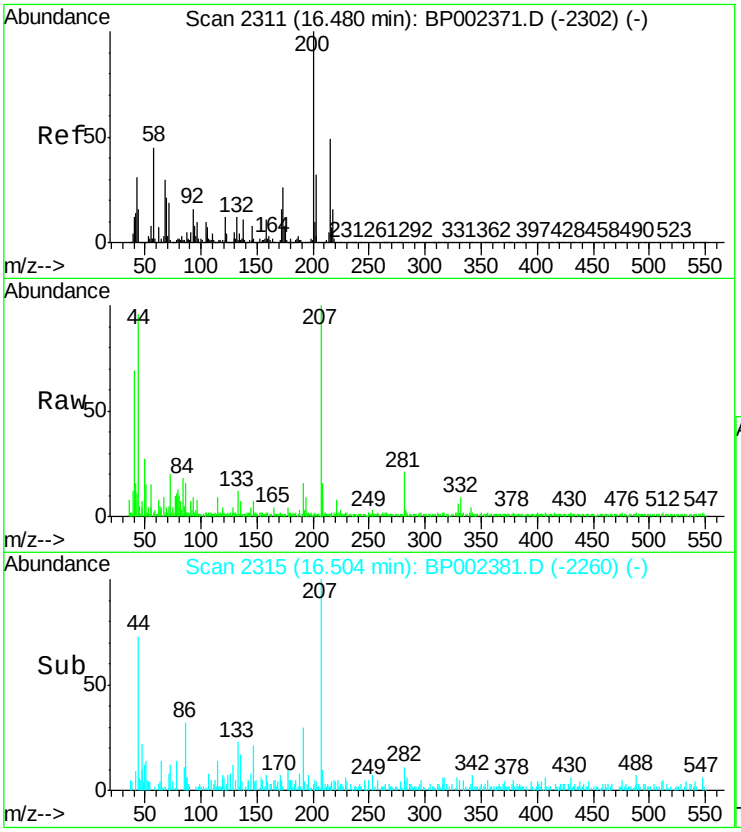




#68
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.32 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:284 Resp: 15

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 45.0 | 27.4 | 41.0# |
| 249 | 70.0 | 24.9 | 37.3# |



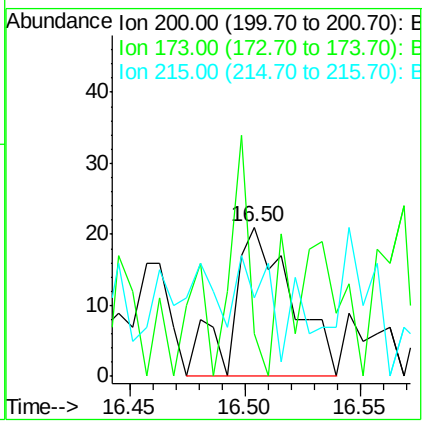


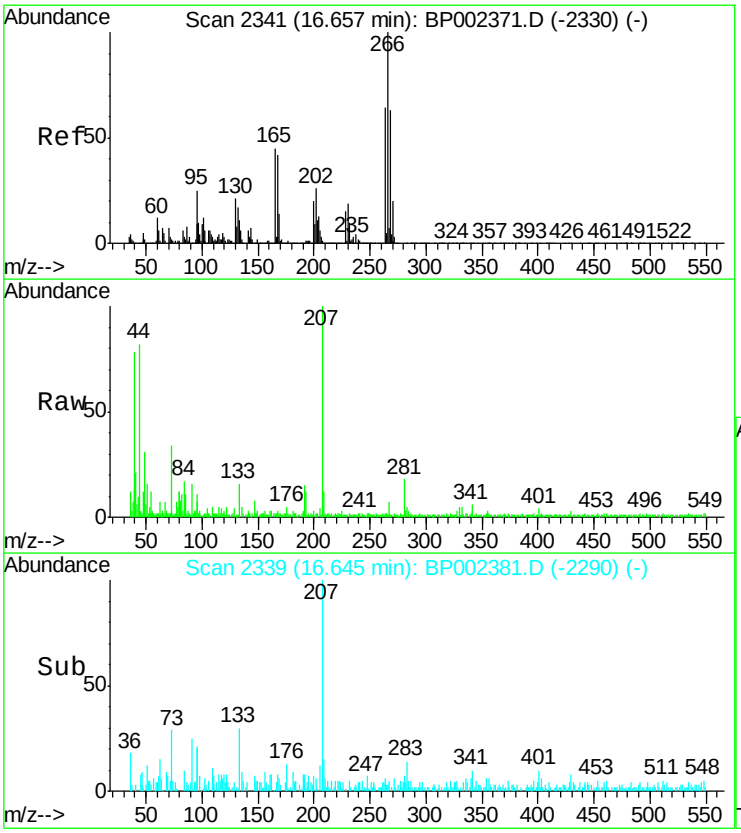

#69
Atrazine
Concen: 0.004 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :** BNA_P
**ClientSampleId :** PB129457BL

Tgt Ion:200 Resp: 38

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.6 | 6.4 | 46.4 |
| 215 | 52.4 | 29.3 | 69.3 |

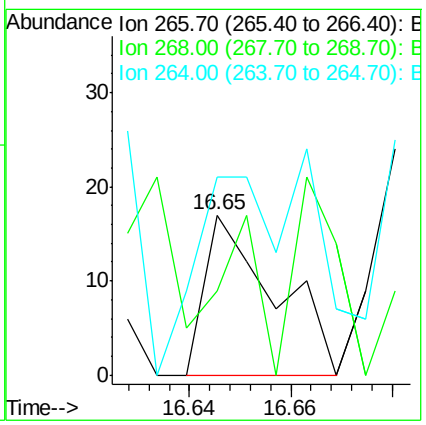


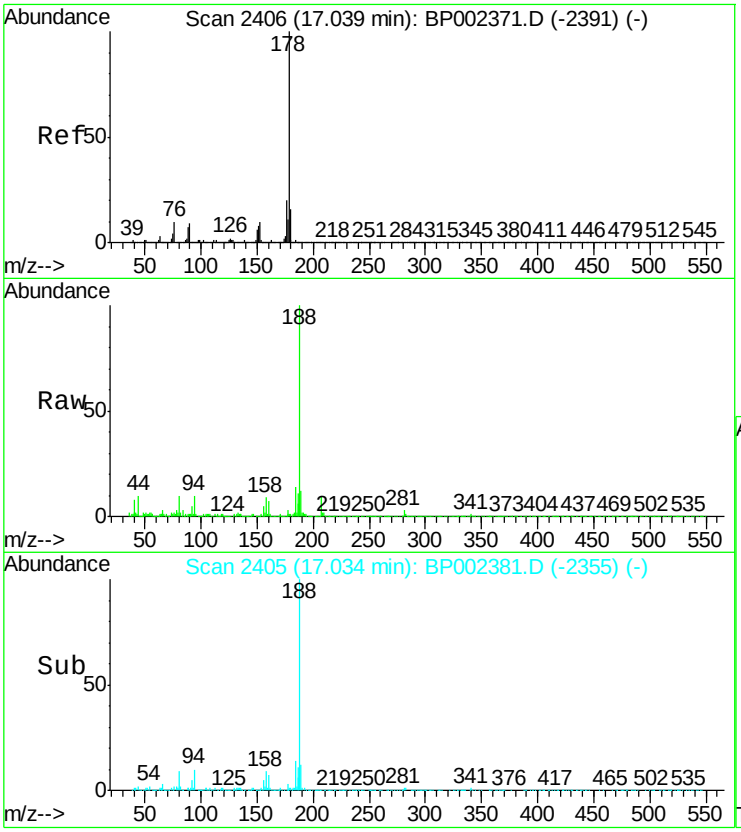




#70
Pentachlorophenol
Concen: 0.002 ng
RT: 16.65 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:266 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 82.4 | 50.5 | 75.7# |
| 264 | 123.5 | 51.4 | 77.0# |



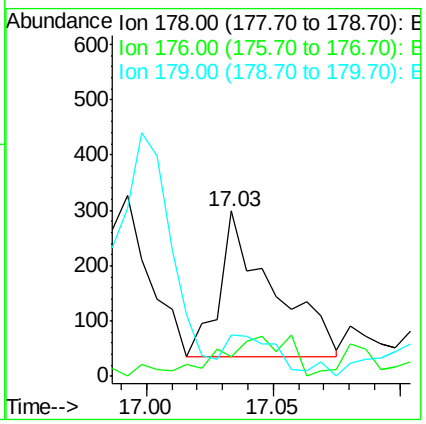


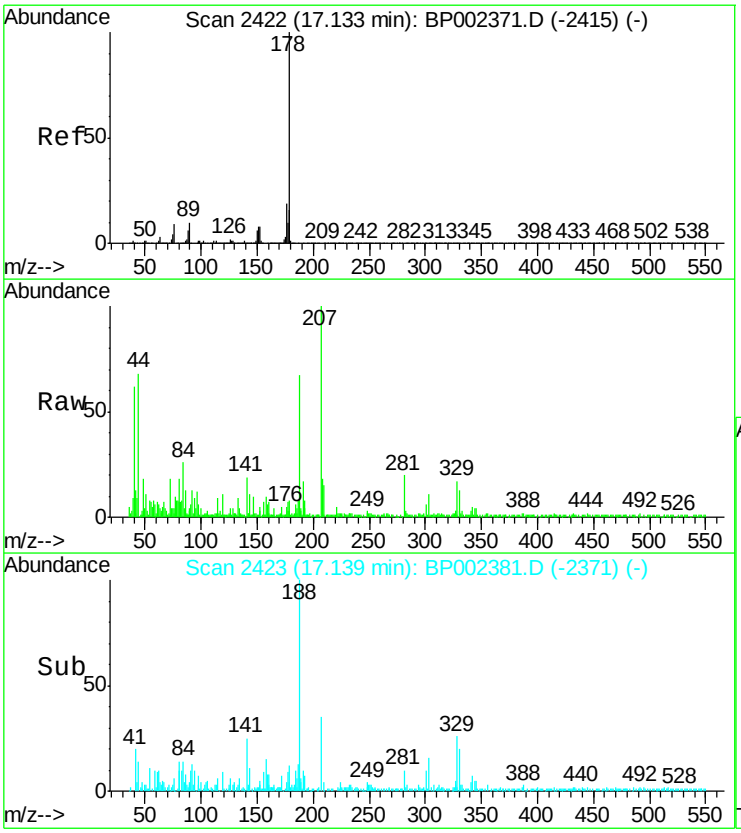

#71
Phenanthrene
Concen: 0.007 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:178 Resp: 385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 11.7 | 15.8 | 23.6# |
| 179 | 24.7 | 12.5 | 18.7# |

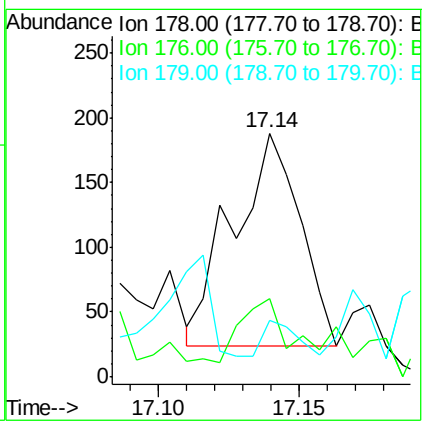


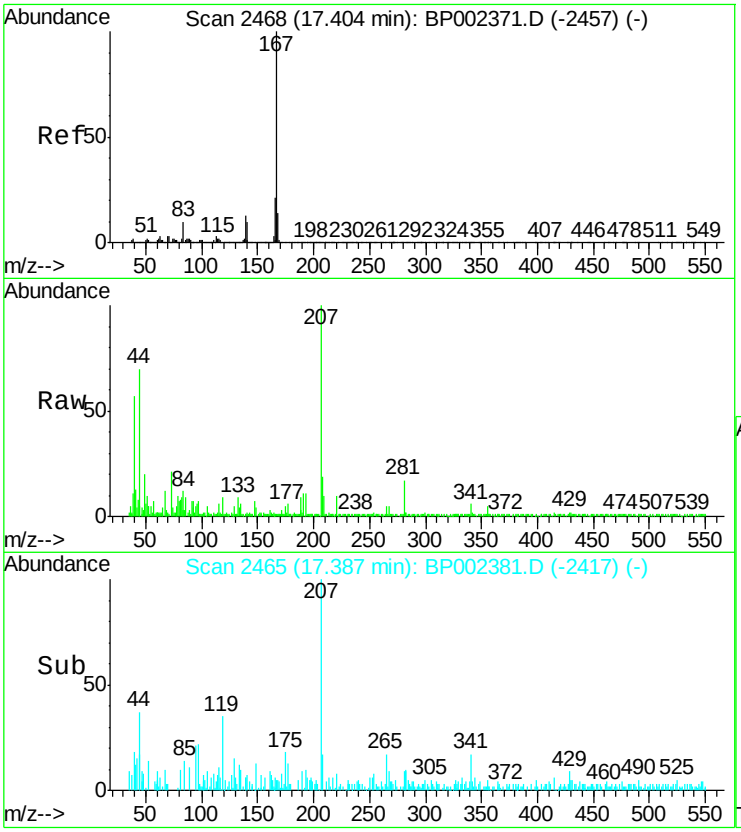




#72
Anthracene
Concen: 0.005 ng
RT: 17.14 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:178 Resp: 270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 31.9 | 15.5 | 23.3# |
| 179 | 22.9 | 13.0 | 19.4# |



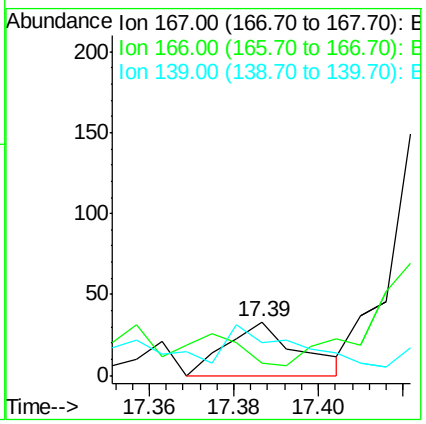


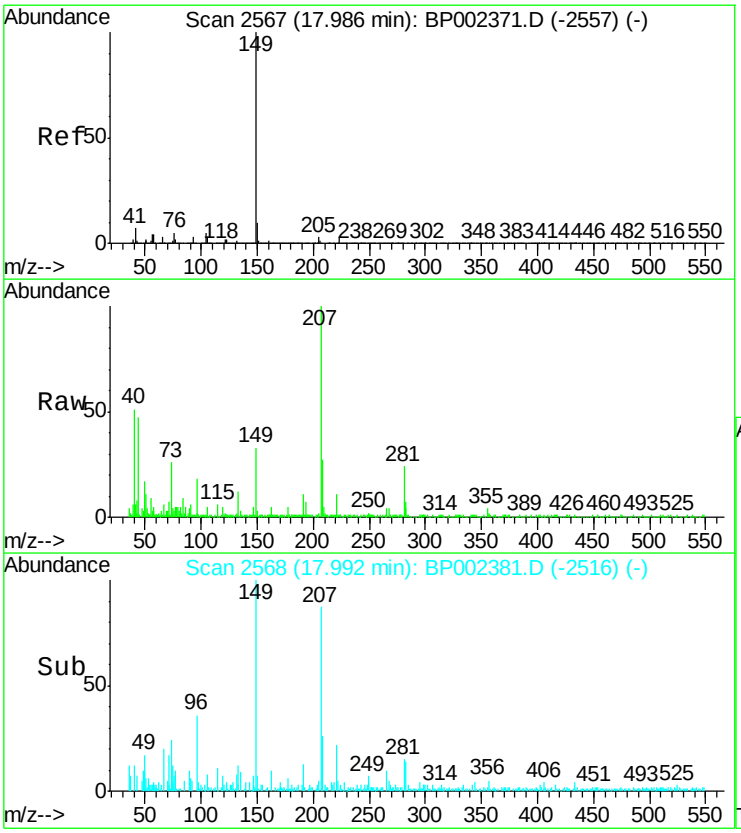

#73
Carbazole
Concen: 0.001 ng
RT: 17.39 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:167 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.2 | 17.1 | 25.7 |
| 139 | 60.6 | 10.3 | 15.5# |

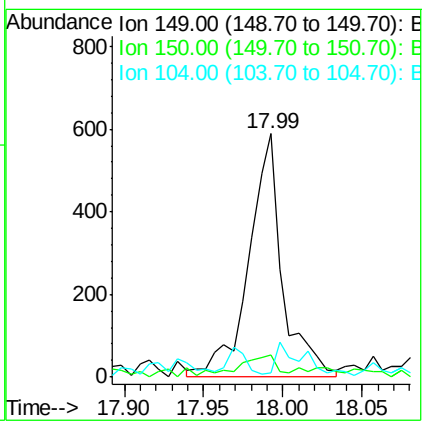


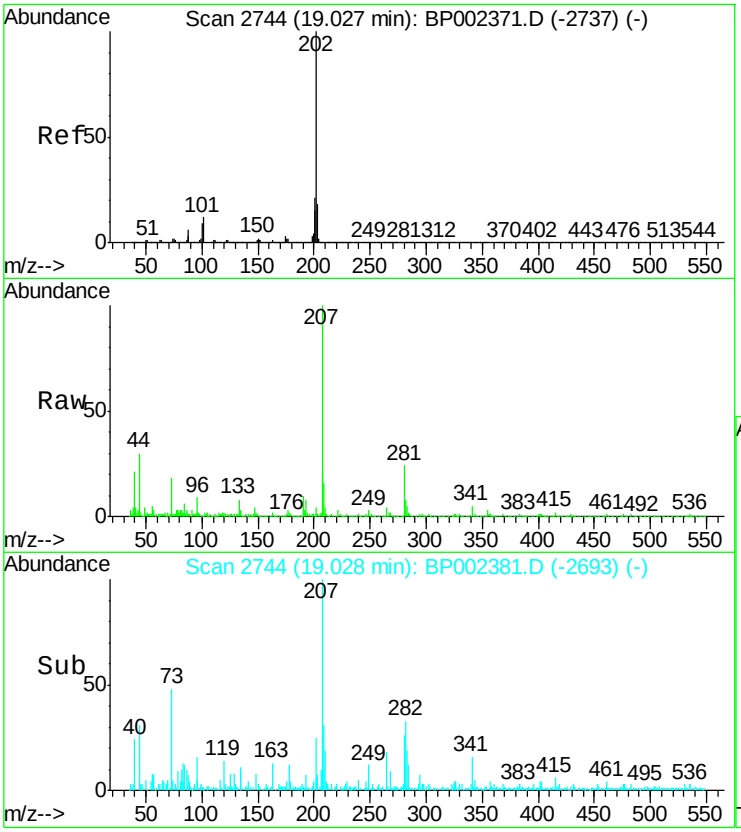




#74
Di-n-butylphthalate
Concen: 0.013 ng
RT: 17.99 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:149 Resp: 871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.7 | 11.5 |
| 104 | 1.7 | 4.3 | 6.5# |



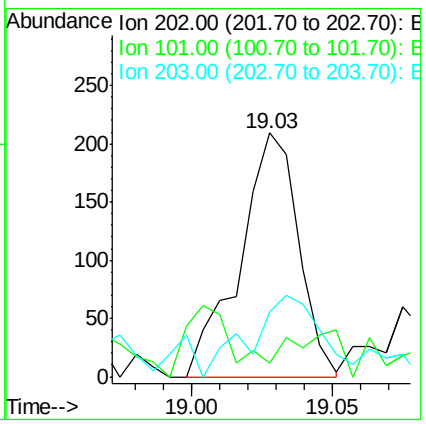


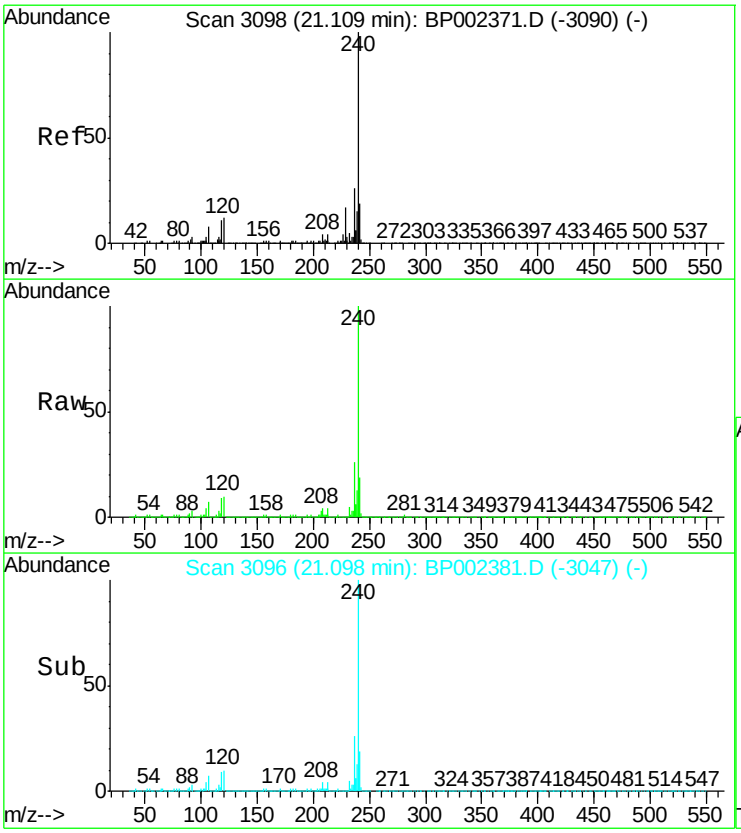

#75
Fluoranthene
Concen: 0.004 ng
RT: 19.03 min Scan# 2744
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:202 Resp: 302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.7 | 0.0 | 31.8 |
| 203 | 26.8 | 0.0 | 38.0 |

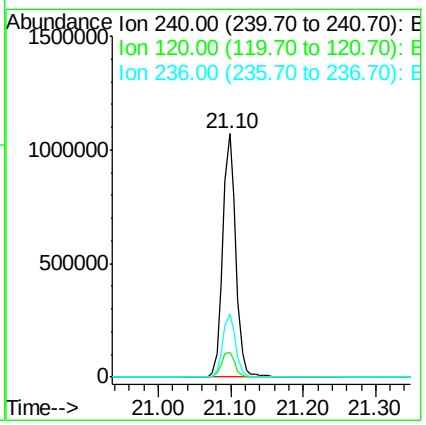


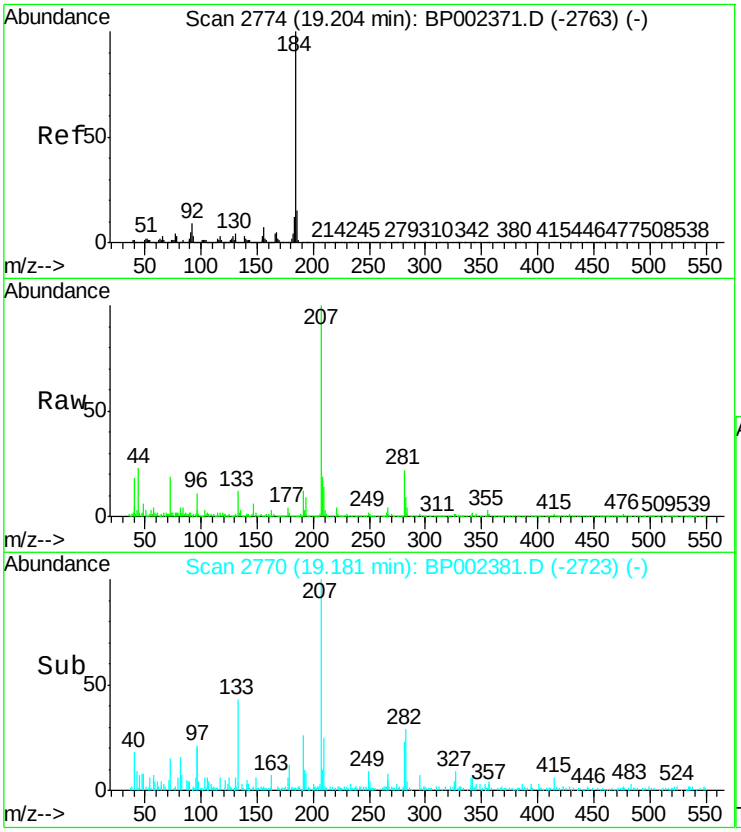




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:240 Resp: 1339535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 9.3 | 13.9 |
| 236 | 25.8 | 21.0 | 31.6 |



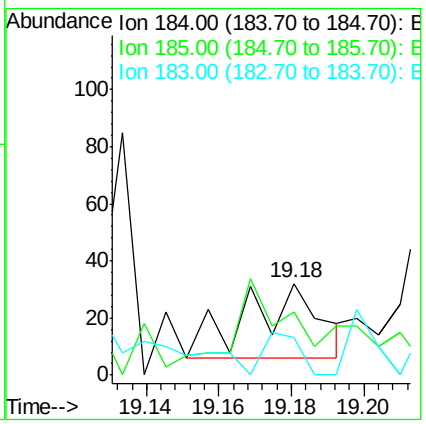


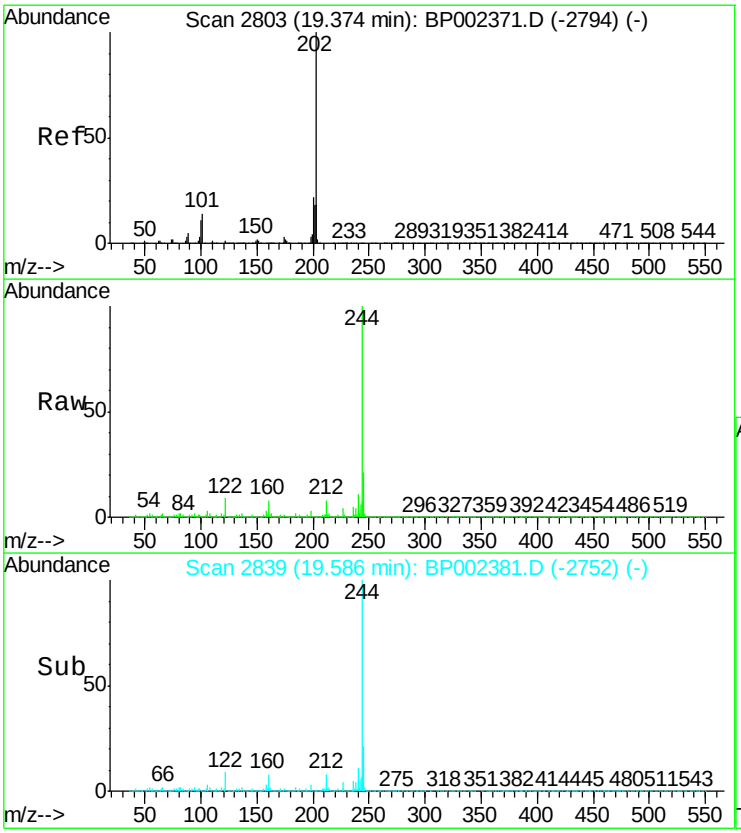

#77
Benzidine
Concen: 0.001 ng
RT: 19.18 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:184 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 68.8 | 11.8 | 17.8# |
| 183 | 40.6 | 9.2 | 13.8# |

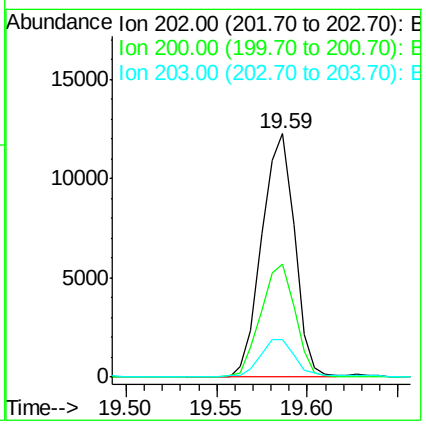


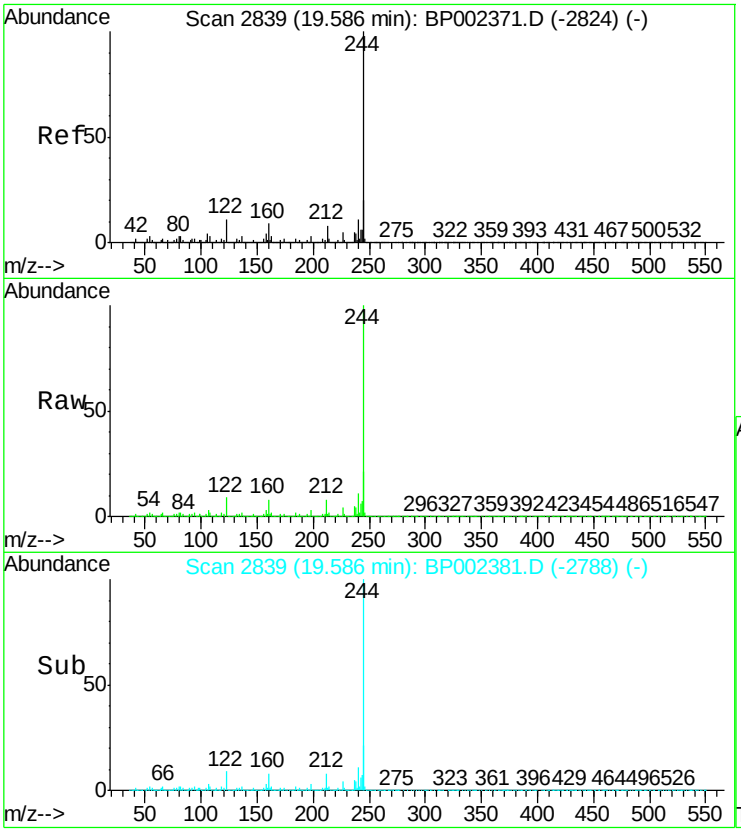




#78
Pyrene
Concen: 0.188 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.21 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:202 Resp: 15434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 46.5 | 17.7 | 26.5# |
| 203 | 15.6 | 14.6 | 22.0 |



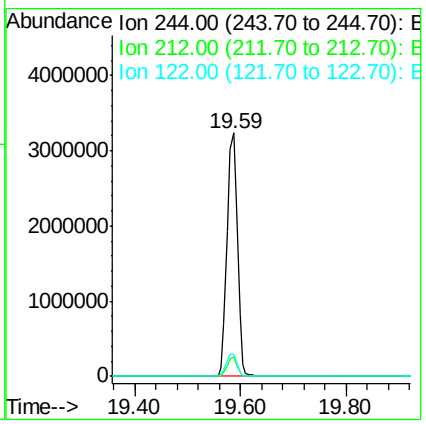


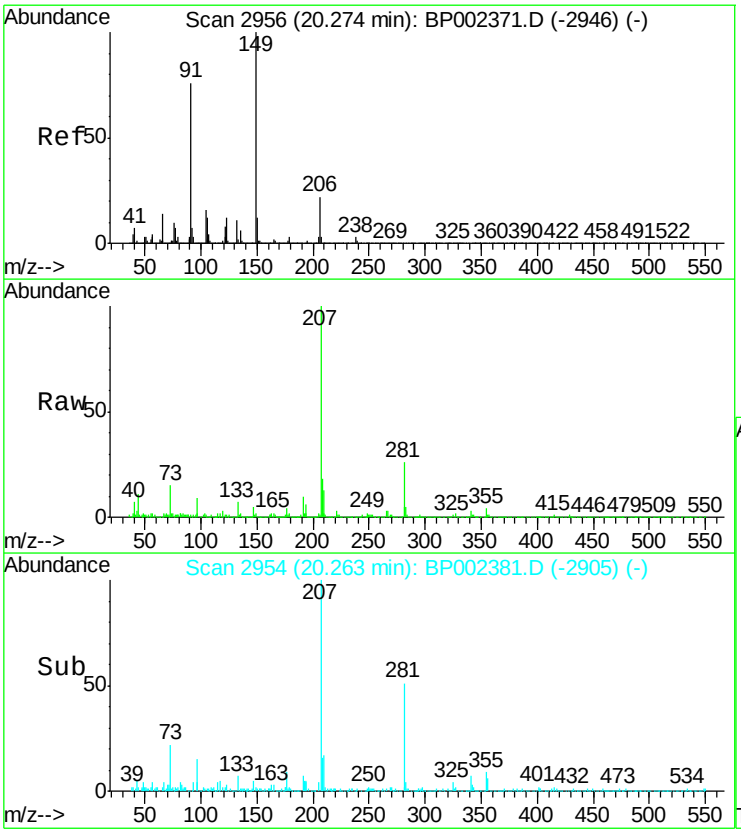

#79
Terphenyl-d14
Concen: 86.234 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:244 Resp: 4408552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.6 | 10.0 |
| 122 | 8.9 | 8.8 | 13.2 |

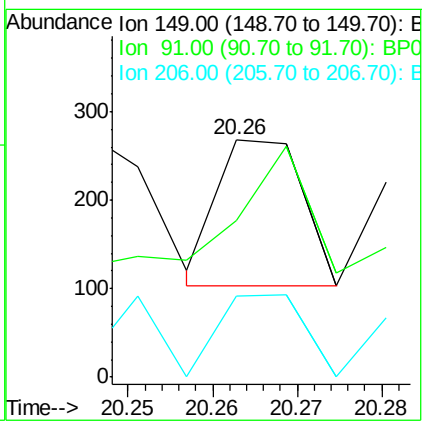


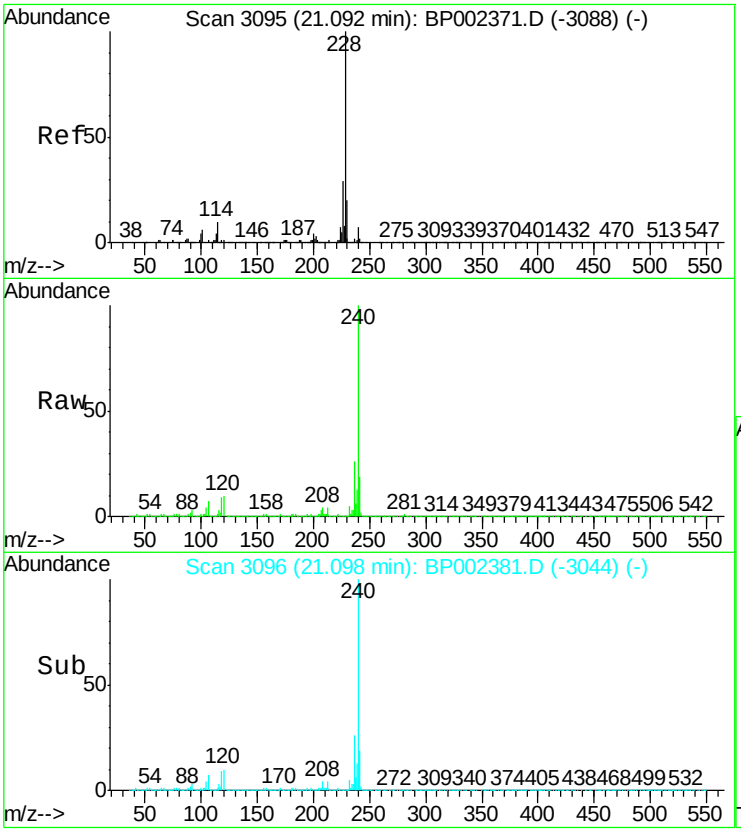




#80
Butylbenzylphthalate
Concen: 0.003 ng
RT: 20.26 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:149 Resp: 114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.0 | 61.2 | 91.8 |
| 206 | 34.3 | 17.8 | 26.6# |



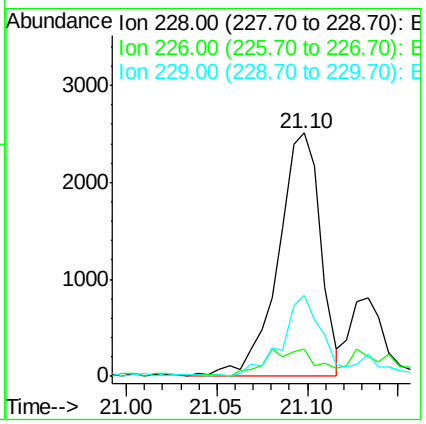


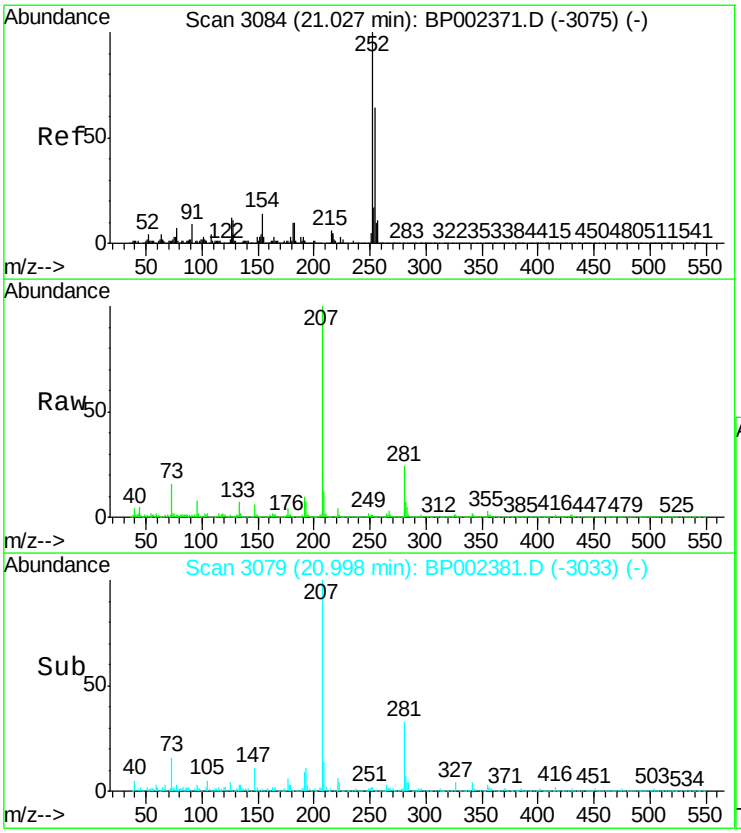

#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:228 Resp: 4068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 11.1 | 22.8 | 34.2# |
| 229 | 33.3 | 16.2 | 24.2# |

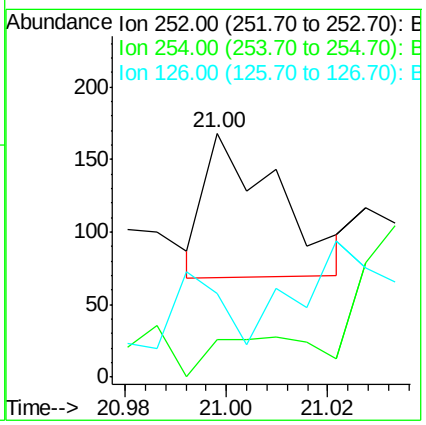


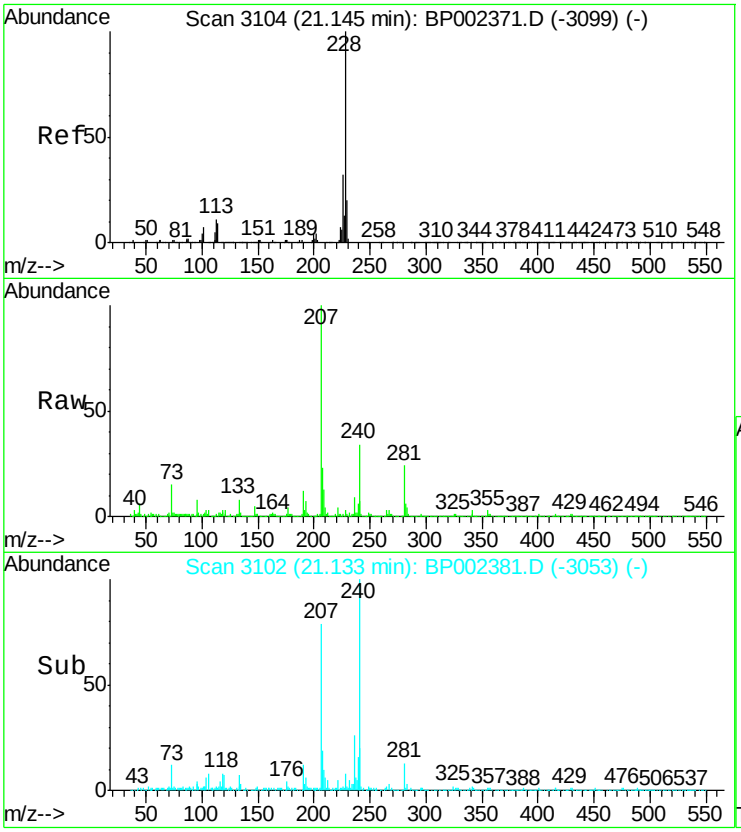




#82
3,3'-Dichlorobenzidine
Concen: 0.004 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:252 Resp: 100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 15.5 | 51.4 | 77.2# |
| 126 | 34.5 | 9.2 | 13.8# |



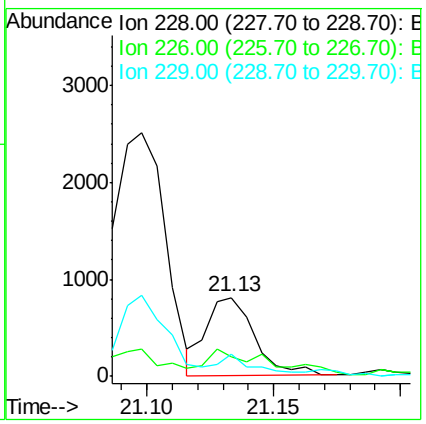


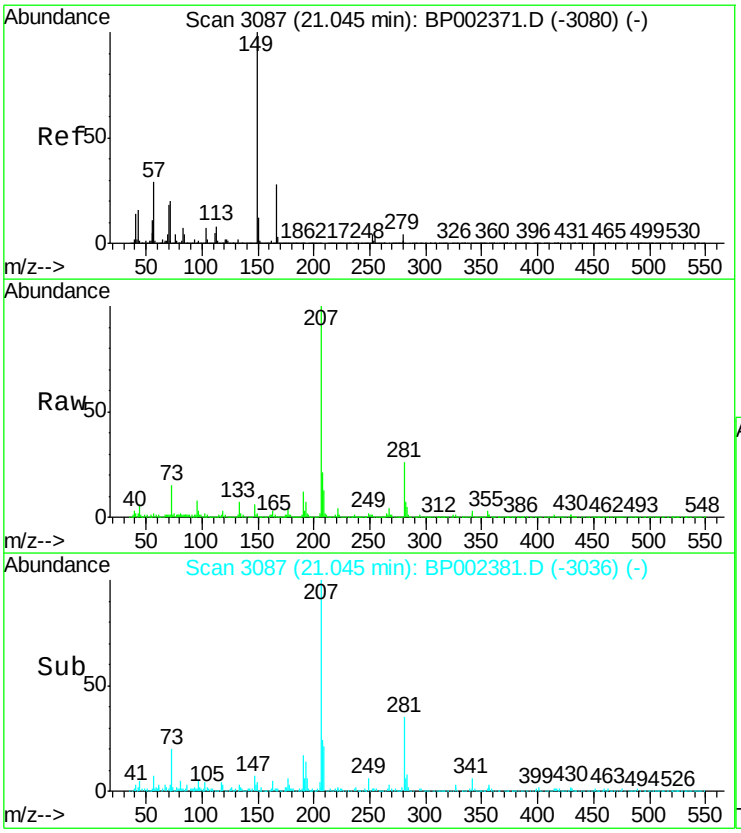

#83
Chrysene
Concen: 0.015 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:228 Resp: 1062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 24.7 | 25.2 | 37.8# |
| 229 | 27.9 | 16.1 | 24.1# |

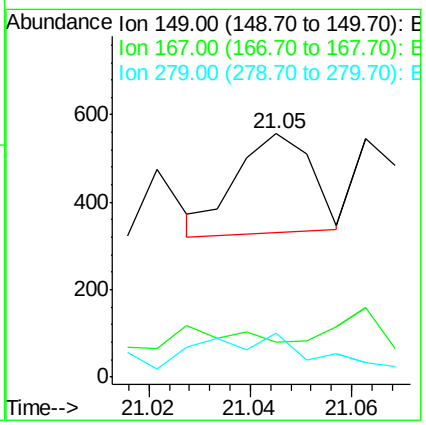


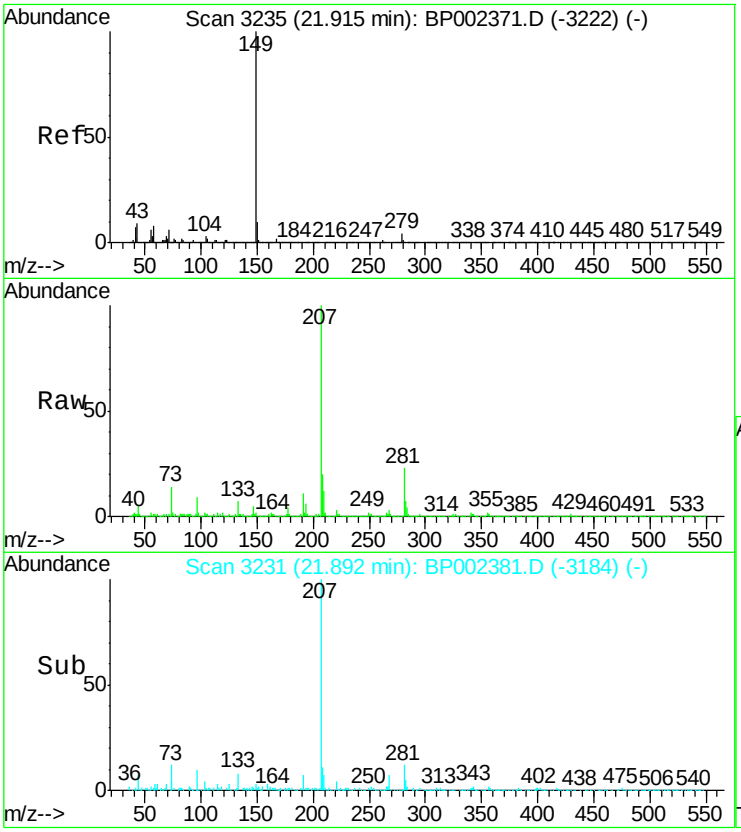




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.004 ng
RT: 21.05 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:149 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 14.4 | 22.3 | 33.5# |
| 279 | 17.8 | 3.2 | 4.8# |



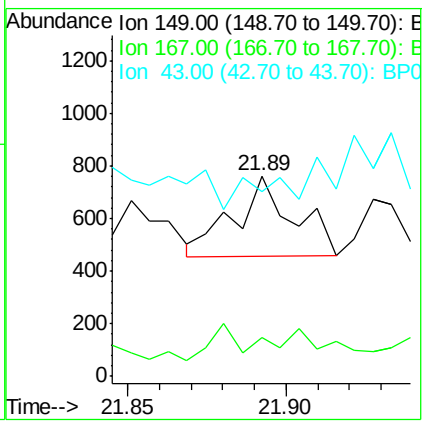


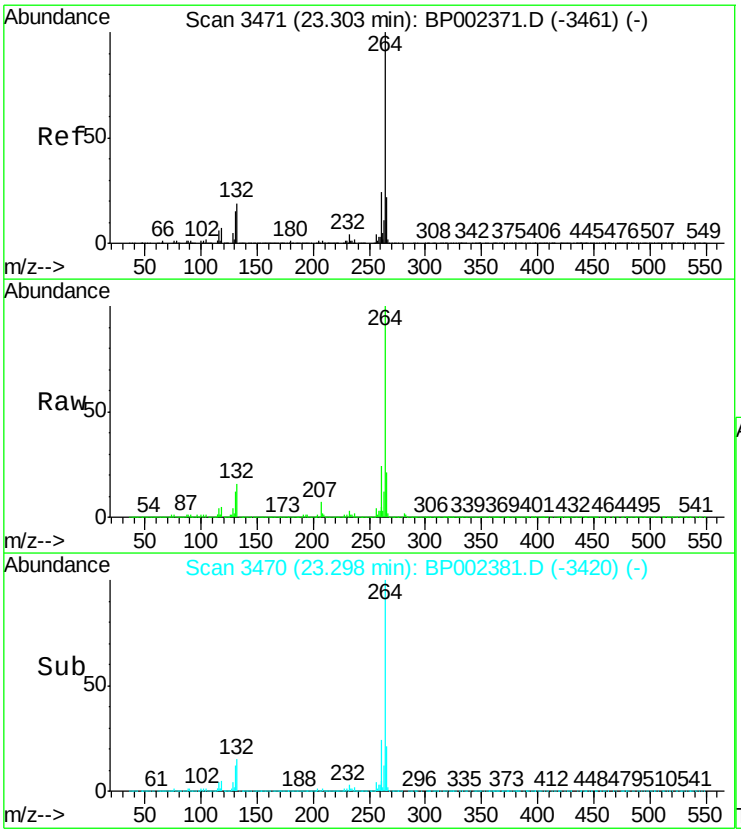

#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 21.89 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:149 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 1.3 | 1.9# |
| 43 | 0.0 | 7.8 | 11.6# |

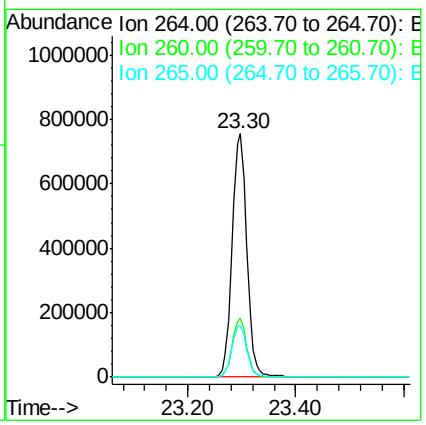


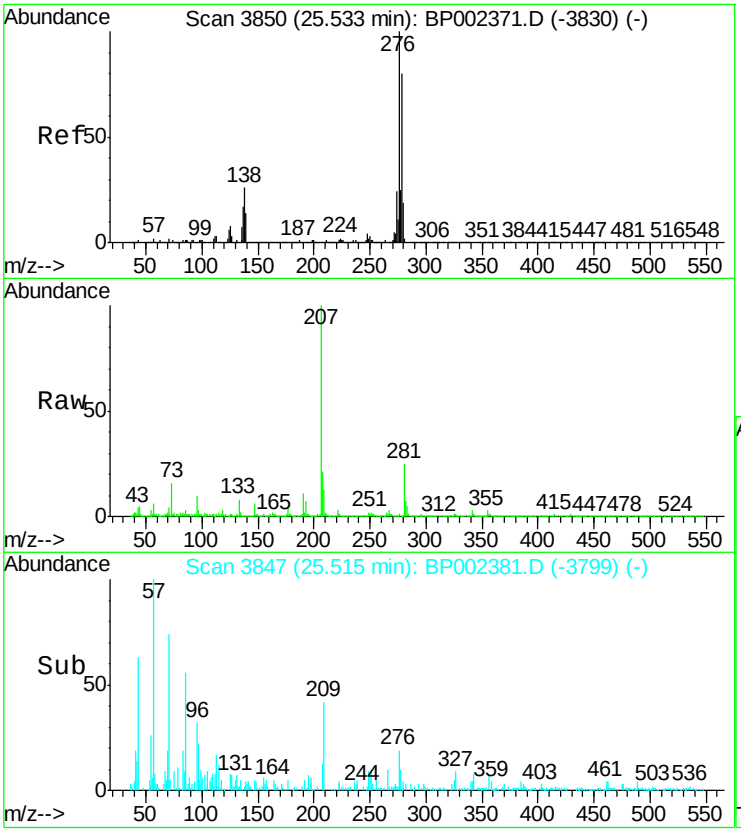




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:264 Resp: 1445604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.4 | 29.0 |
| 265 | 21.4 | 17.4 | 26.2 |



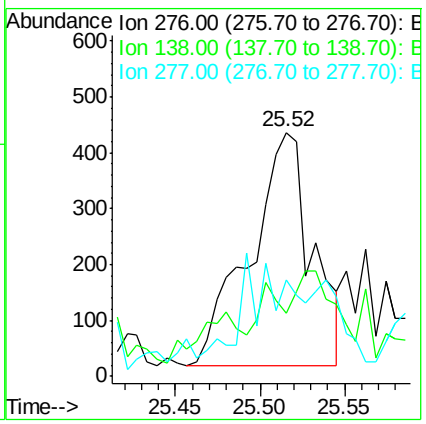


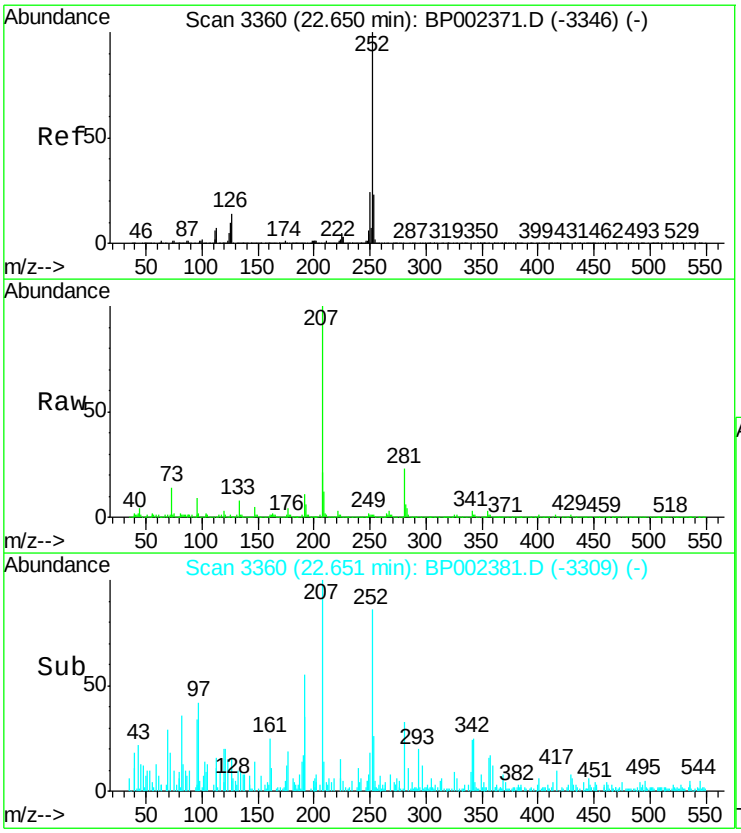

#87
Indeno(1,2,3-cd)pyrene
Concen: 0.012 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:276 Resp: 1060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.0 | 21.2 | 31.8# |
| 277 | 0.0 | 20.3 | 30.5# |

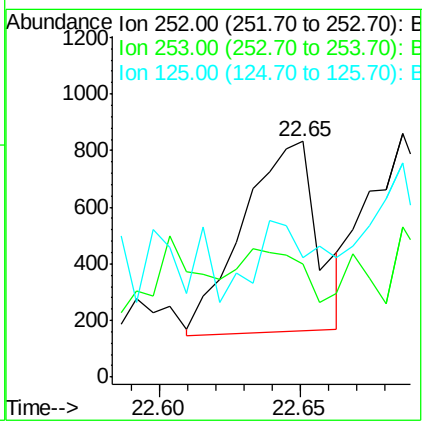


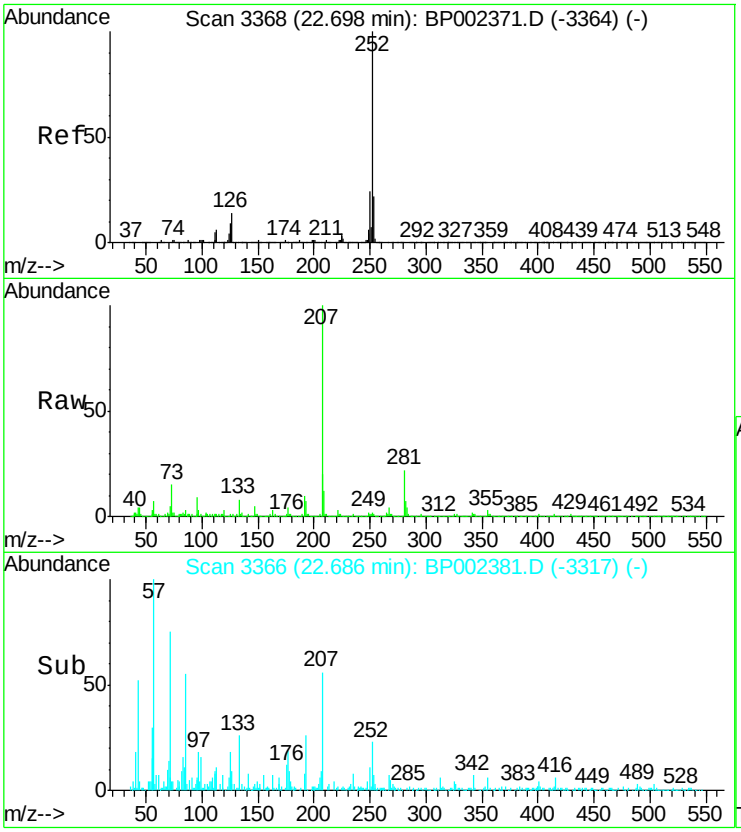




#88
Benzo(b)fluoranthene
Concen: 0.016 ng
RT: 22.65 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:252 Resp: 1247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 48.0 | 18.1 | 27.1# |
| 125 | 50.9 | 8.2 | 12.2# |



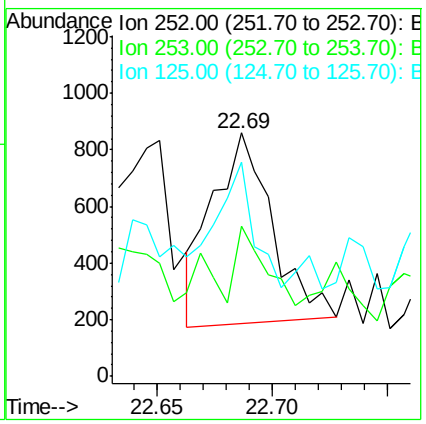


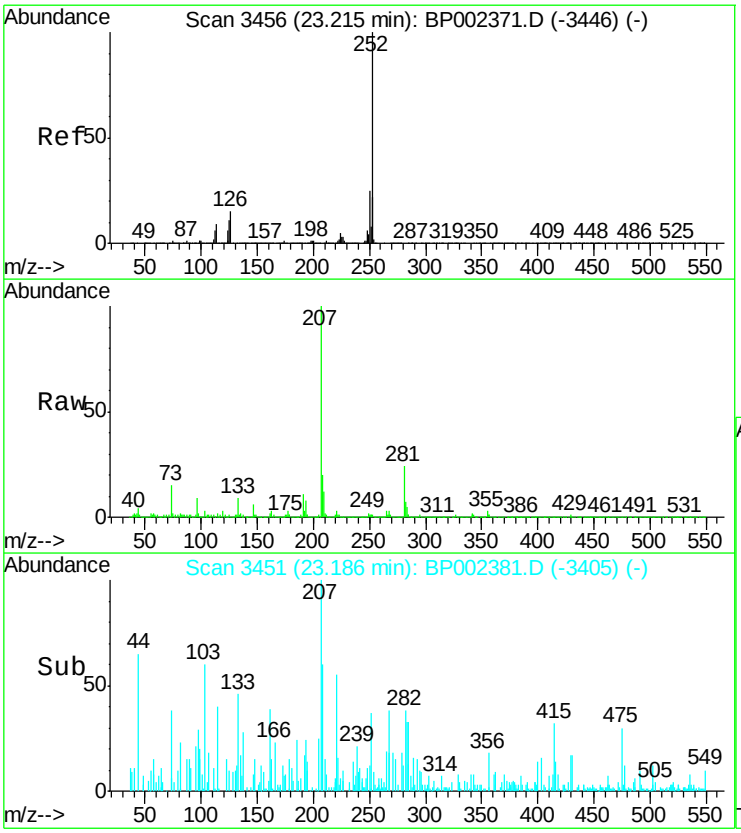

#89
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:252 Resp: 1217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 61.9 | 17.8 | 26.6# |
| 125 | 88.1 | 7.8 | 11.8# |

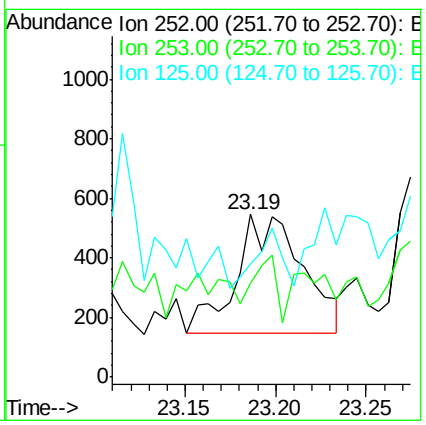


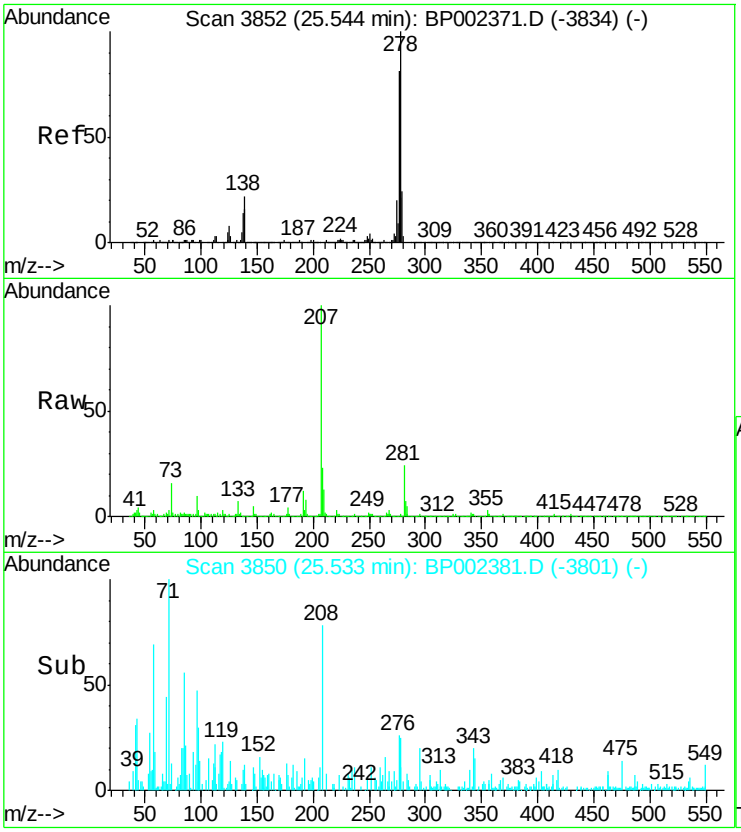




#90
Benzo(a)pyrene
Concen: 0.014 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:252 Resp: 1009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 57.4 | 17.8 | 26.8# |
| 125 | 69.4 | 9.2 | 13.8# |



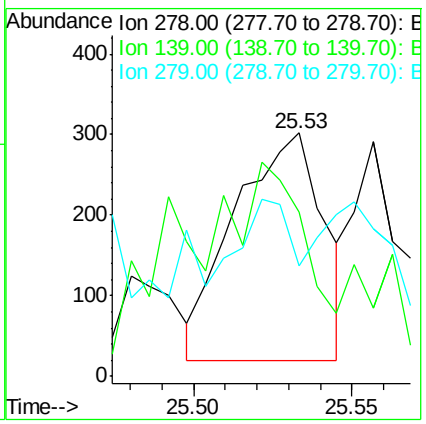


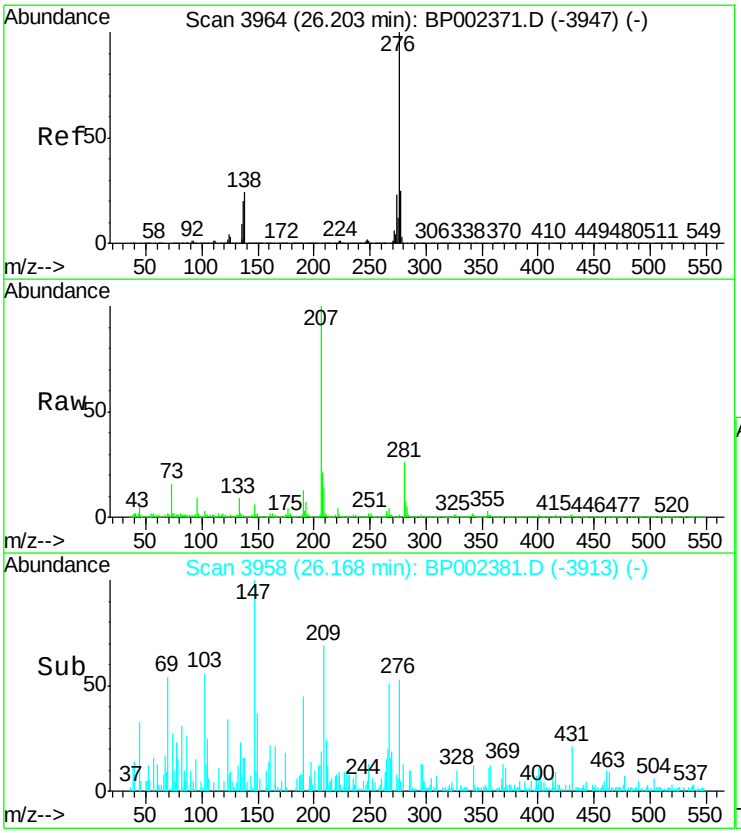

#91
Dibenzo(a,h)anthracene
Concen: 0.008 ng
RT: 25.53 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

**Instrument :**
BNA_P
**ClientSampleId :**
PB129457BL

Tgt Ion:278 Resp: 552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 67.5 | 13.1 | 19.7# |
| 279 | 45.4 | 18.9 | 28.3# |




#92
Benzo(g,h,i)perylene
Concen: 0.010 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.03 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:276 Resp: 787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.6 | 19.8 | 29.6 |
| 138 | 59.9 | 19.2 | 28.8# |