

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\  
 Data File : BN000045.D  
 Acq On : 07 Feb 2018 20:58  
 Operator : JU/SJ  
 Sample : MDL-S-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 08 04:26:33 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 18:24:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.47  | 152  | 337684   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.31 | 136  | 1648612  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.07 | 164  | 1038129  | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.80 | 188  | 2470510  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.92 | 240  | 2744934  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.42 | 264  | 2835739  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.95  | 112 | 3388206 | 163.53 | ng | 0.00 |
| 7) Phenol-d6             | 7.59  | 99  | 4800491 | 152.95 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.65  | 82  | 2420266 | 87.28  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.55 | 330 | 1410865 | 137.30 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.71 | 172 | 6484647 | 88.04  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.36 | 244 | 9729394 | 95.71  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.66  | 88  | 27882  | 3.34  | ng | # 85   |
| 3) Pyridine                    | 4.13  | 79  | 61151  | 2.36  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 4.01  | 42  | 22820  | 3.11  | ng | # 81   |
| 6) Aniline                     | 7.78  | 93  | 120643 | 2.79  | ng | 91     |
| 8) 2-Chlorophenol              | 8.02  | 128 | 99827  | 4.12  | ng | 87     |
| 9) Benzaldehyde                | 7.59  | 77  | 77939  | 3.99  | ng | 98     |
| 10) Phenol                     | 7.62  | 94  | 141080 | 4.26  | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.87  | 93  | 93390  | 3.43  | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 8.36  | 146 | 91127  | 3.31  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.50  | 146 | 93611  | 3.33  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.83  | 146 | 92086  | 3.33  | ng | 98     |
| 15) Benzyl Alcohol             | 8.70  | 79  | 68131  | 3.02  | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.00  | 45  | 95807  | 3.32  | ng | 77     |
| 17) 2-Methylphenol             | 8.90  | 107 | 79606  | 3.38  | ng | 90     |
| 18) Hexachloroethane           | 9.57  | 117 | 29143  | 2.98  | ng | # 80   |
| 19) n-Nitroso-di-n-propylamine | 9.27  | 70  | 55221  | 2.63  | ng | # 84   |
| 20) 3+4-Methylphenols          | 9.22  | 107 | 101320 | 3.08  | ng | 93     |
| 22) Acetophenone               | 9.30  | 105 | 140466 | 3.04  | ng | # 87   |
| 24) Nitrobenzene               | 9.69  | 77  | 113239 | 3.74  | ng | # 91   |
| 25) Isophorone                 | 10.21 | 82  | 163298 | 2.85  | ng | 96     |
| 26) 2-Nitrophenol              | 10.40 | 139 | 23443  | 8.80  | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.45 | 122 | 103258 | 4.16  | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.69 | 93  | 128123 | 3.49  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.94 | 162 | 67540  | 2.94  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 11.16 | 180 | 85423  | 3.23  | ng | 96     |
| 31) Naphthalene                | 11.36 | 128 | 304333 | 3.37  | ng | 99     |
| 32) Benzoic acid               | 10.45 | 122 | 103258 | 14.91 | ng | # 7    |
| 33) 4-Chloroaniline            | 11.46 | 127 | 120441 | 3.03  | ng | 95     |
| 34) Hexachlorobutadiene        | 11.64 | 225 | 41587  | 3.03  | ng | 96     |
| 35) Caprolactam                | 12.17 | 113 | 18630  | 5.72  | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.53 | 107 | 82363  | 2.82  | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.93 | 142 | 212959 | 3.39  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.29 | 216 | 97690  | 3.19  | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 13.27 | 237 | 30927  | 2.42  | ng | 90     |

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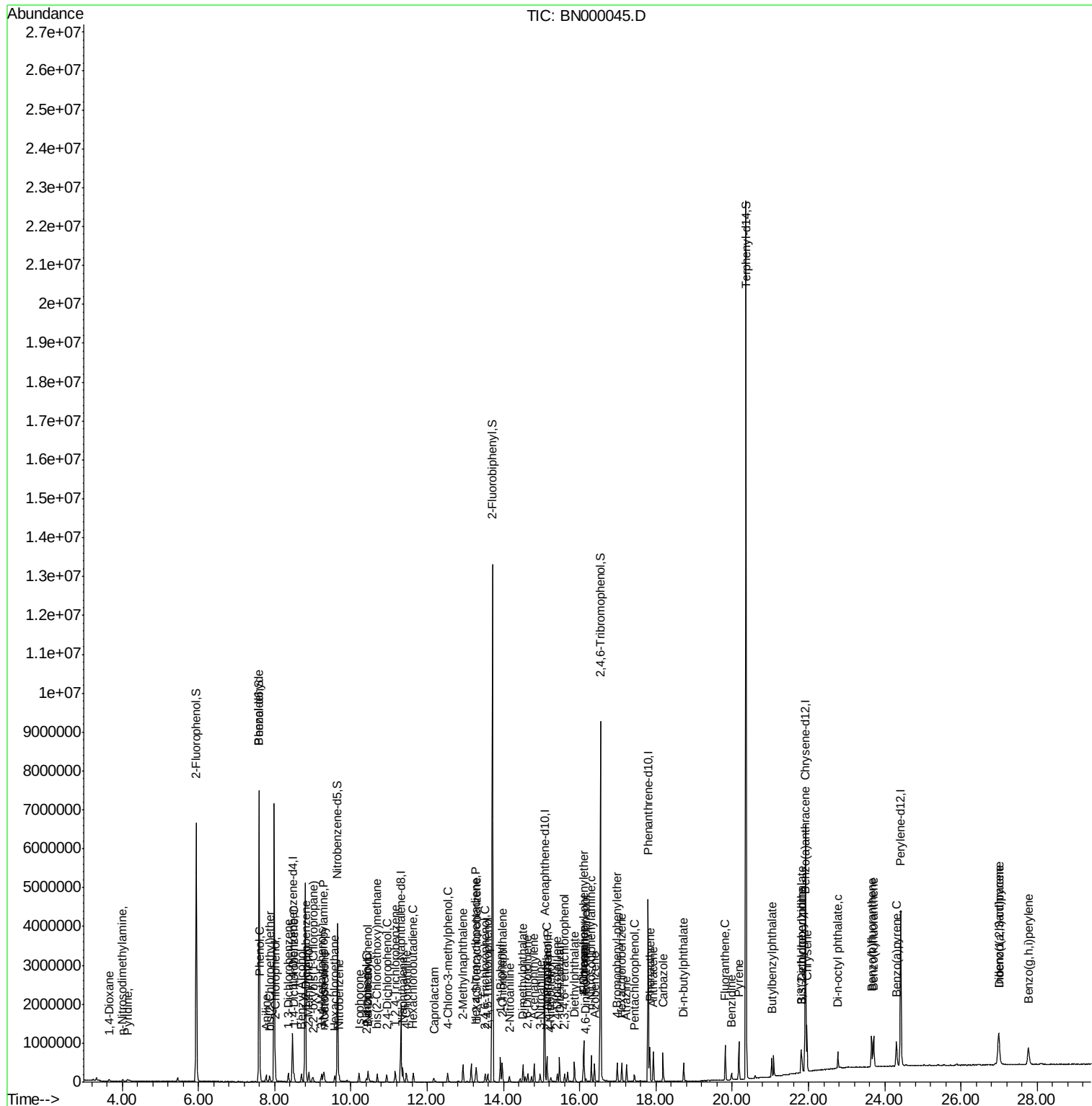
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.52 | 196  | 43552    | 2.37  | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.59 | 196  | 53513    | 2.42  | nq    | # 90     |
| 45) 1,1'-Biphenyl              | 13.92 | 154  | 323964   | 3.54  | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.97 | 162  | 225010   | 3.28  | nq    | 97       |
| 47) 2-Nitroaniline             | 14.16 | 65   | 35928    | 6.48  | nq    | 93       |
| 48) Acenaphthylene             | 14.80 | 152  | 321032   | 2.90  | nq    | 96       |
| 49) Dimethylphthalate          | 14.52 | 163  | 273637   | 3.15  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.63 | 165  | 37651    | 2.10  | nq    | 95       |
| 51) Acenaphthene               | 15.14 | 154  | 232059   | 3.23  | nq    | 97       |
| 52) 3-Nitroaniline             | 14.96 | 138  | 44539    | 2.05  | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 15.16 | 184  | 7661     | 10.29 | nq    | # 51     |
| 54) Dibenzofuran               | 15.47 | 168  | 371416   | 3.65  | nq    | 96       |
| 55) 4-Nitrophenol              | 15.24 | 139  | 28632    | 6.48  | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 15.41 | 165  | 44118    | 5.75  | nq    | # 95     |
| 57) Fluorene                   | 16.11 | 166  | 292044   | 3.51  | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.60 | 232  | 37134    | 2.13  | nq    | 91       |
| 59) Diethylphthalate           | 15.86 | 149  | 274786   | 3.12  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 16.10 | 204  | 136196   | 3.59  | nq    | 92       |
| 61) 4-Nitroaniline             | 16.11 | 138  | 47660    | 2.13  | nq    | 97       |
| 62) Azobenzene                 | 16.39 | 77   | 269482   | 3.07  | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 16.16 | 198  | 12682    | 9.59  | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.30 | 169  | 245057   | 3.05  | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.99 | 248  | 72702    | 3.09  | nq    | # 88     |
| 67) Hexachlorobenzene          | 17.10 | 284  | 84476    | 3.08  | nq    | # 86     |
| 68) Atrazine                   | 17.23 | 200  | 62094    | 2.37  | nq    | 93       |
| 69) Pentachlorophenol          | 17.43 | 266  | 27564    | 7.18  | nq    | 91       |
| 70) Phenanthrene               | 17.84 | 178  | 512209   | 3.51  | nq    | 97       |
| 71) Anthracene                 | 17.93 | 178  | 448471   | 3.17  | nq    | 97       |
| 72) Carbazole                  | 18.19 | 167  | 434636   | 3.05  | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.72 | 149  | 341477   | 2.17  | nq    | 98       |
| 74) Fluoranthene               | 19.82 | 202  | 503683   | 3.29  | nq    | 94       |
| 76) Benzidine                  | 19.98 | 184  | 101703   | 1.16  | nq    | 98       |
| 77) Pyrene                     | 20.17 | 202  | 549511   | 3.15  | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.03 | 149  | 120642   | 6.67  | nq    | # 92     |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 557156   | 3.30  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.83 | 252  | 139164   | 2.25  | nq    | # 96     |
| 82) Chrysene                   | 21.96 | 228  | 587572   | 3.49  | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.80 | 149  | 183456   | 4.31  | nq    | # 91     |
| 84) Di-n-octyl phthalate       | 22.77 | 149  | 271547   | 7.72  | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.99 | 276  | 607022   | 2.94  | nq    | # 86     |
| 87) Benzo(b)fluoranthene       | 23.66 | 252  | 518849   | 3.13  | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 23.71 | 252  | 563748   | 3.37  | nq    | # 95     |
| 89) Benzo(a)pyrene             | 24.31 | 252  | 482594   | 3.03  | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 27.00 | 278  | 515224   | 3.10  | nq    | # 89     |
| 91) Benzo(g,h,i)perylene       | 27.77 | 276  | 510599   | 3.03  | nq    | # 89     |

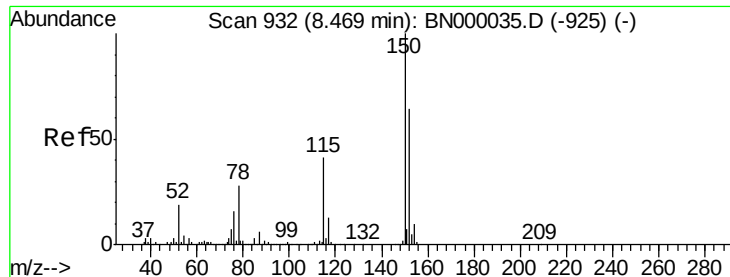
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.47 min Scan# 932

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

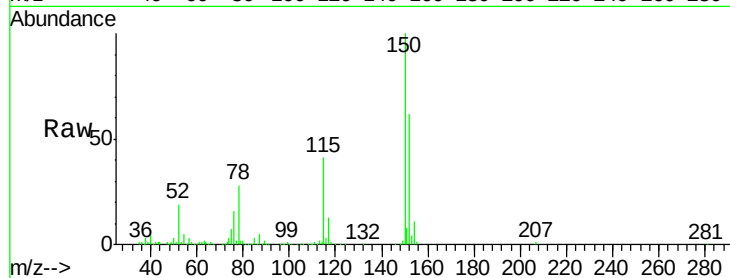
Tot Ion:152 Resp: 337684

Ion Ratio Lower Upper

152 100

150 160.0 126.6 189.8

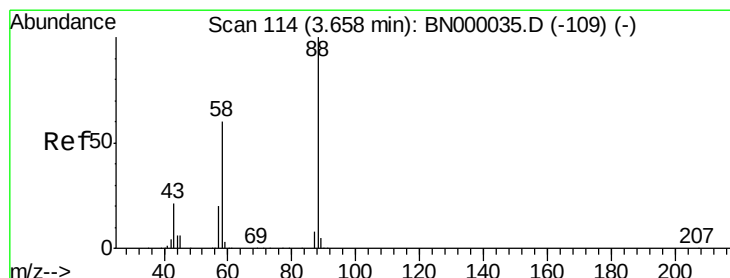
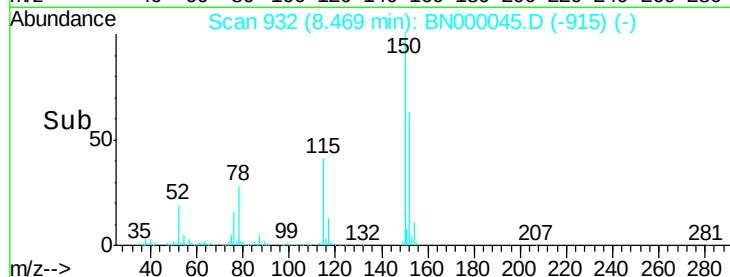
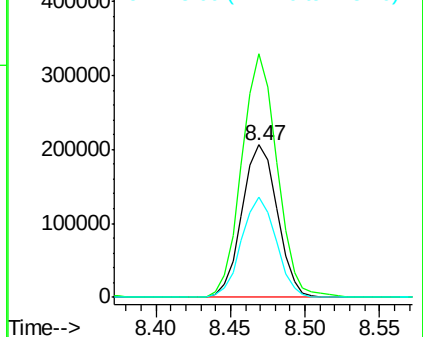
115 65.6 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.34 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

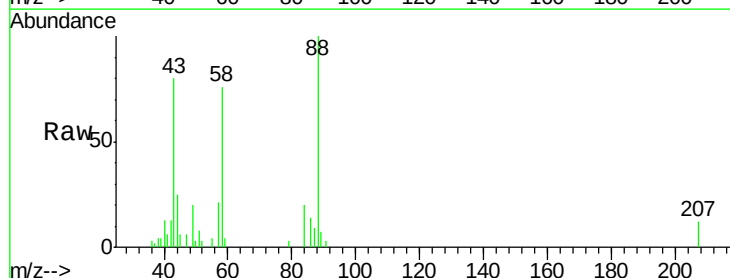
Tgt Ion: 88 Resp: 27882

Ion Ratio Lower Upper

88 100

58 49.8 52.0 78.0#

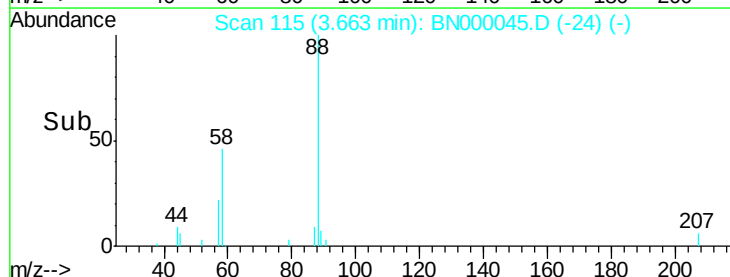
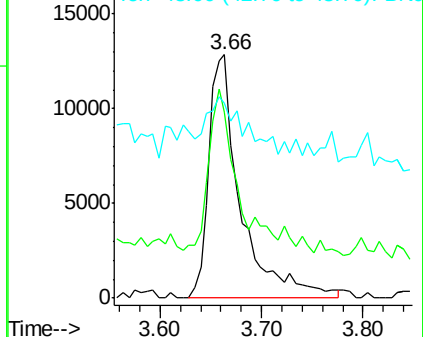
43 27.4 20.0 30.0

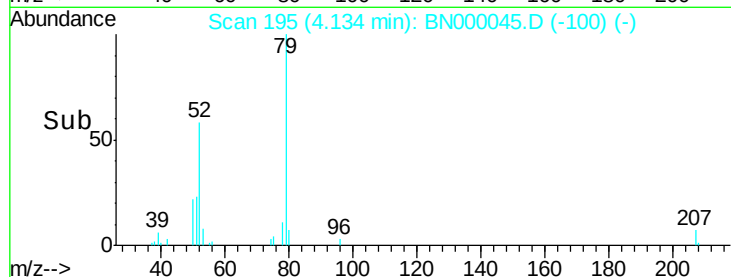
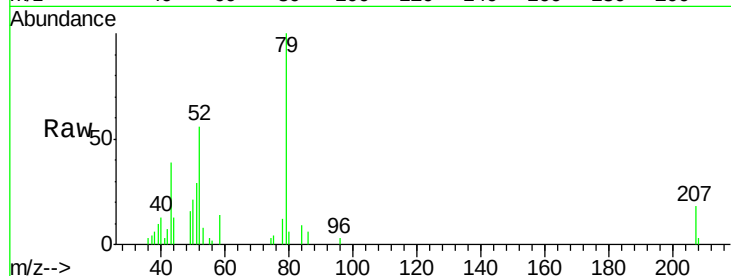
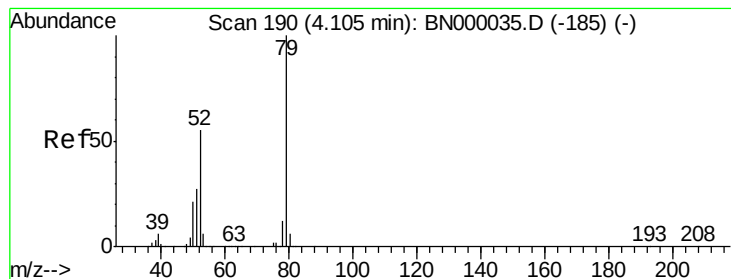


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 2.36 ng

RT: 4.13 min Scan# 195

Delta R.T. 0.03 min

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BNA\_N

ClientSampleId :

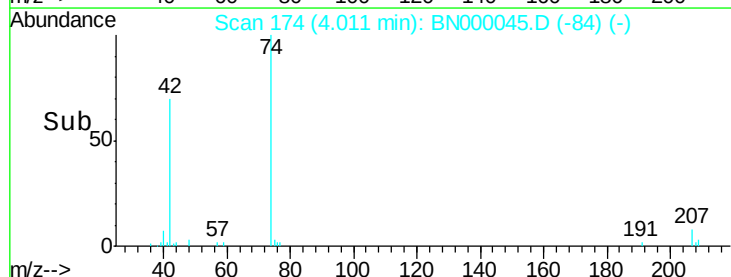
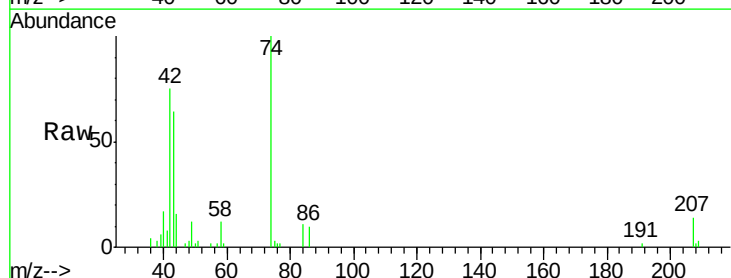
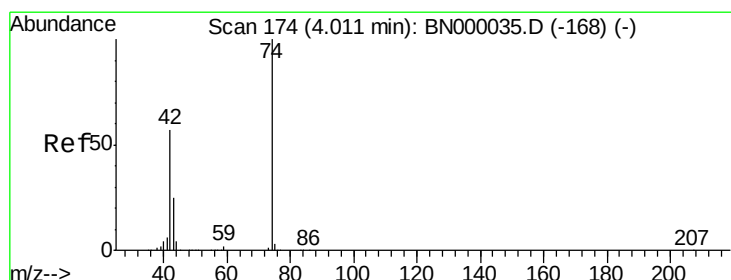
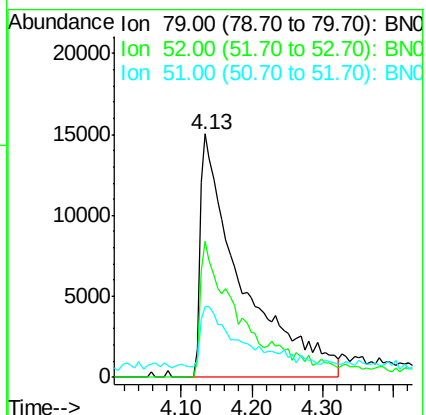
Tot Ion: 79 Resp: 61151

Ion Ratio Lower Upper

79 100

52 55.8 44.0 66.0

51 29.2 24.0 36.0



#4

n-Nitrosodimethylamine

Concen: 3.11 ng

RT: 4.01 min Scan# 174

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

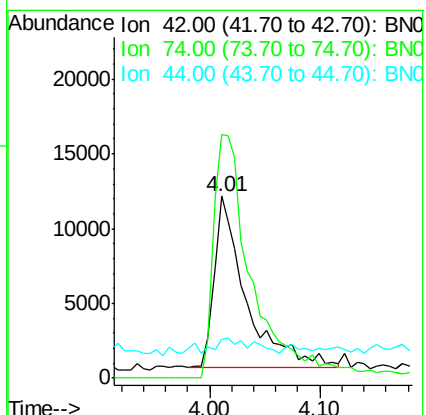
Tgt Ion: 42 Resp: 22820

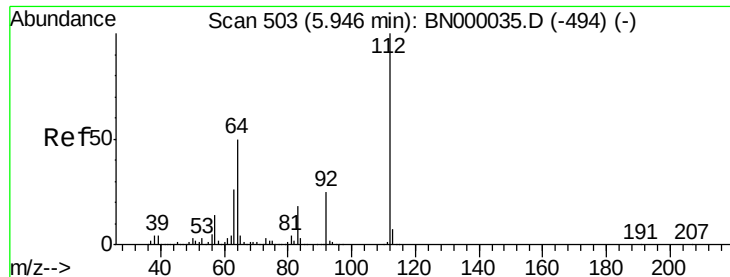
Ion Ratio Lower Upper

42 100

74 133.8 128.0 192.0

44 21.4 12.0 18.0#





#5

2-Fluorophenol

Concen: 163.53 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

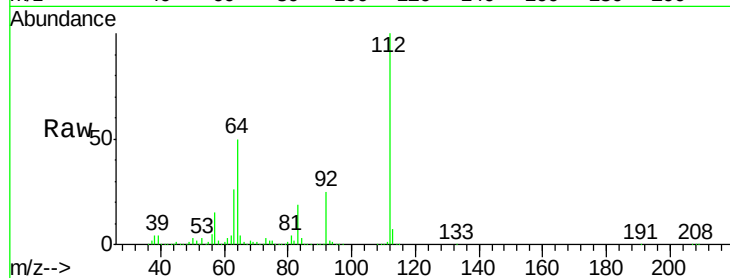
Tot Ion:112 Resp: 3388206

Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

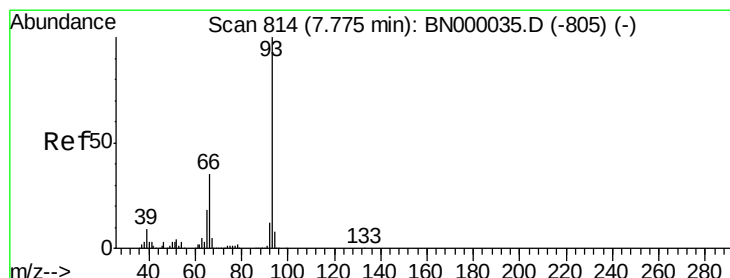
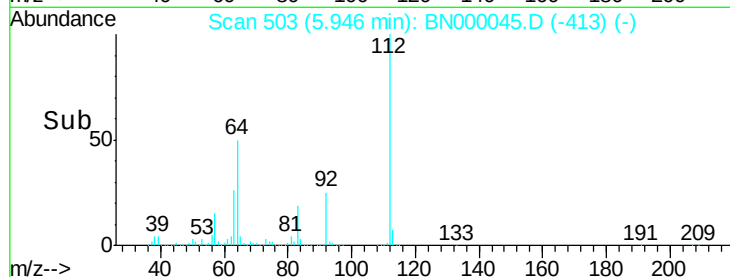
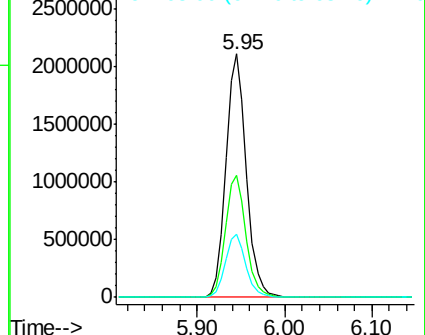
63 25.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 2.79 ng

RT: 7.78 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

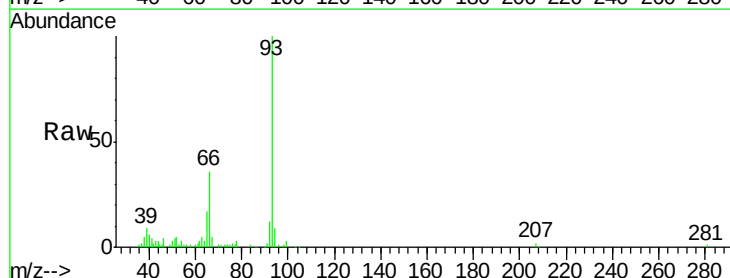
Tgt Ion: 93 Resp: 120643

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

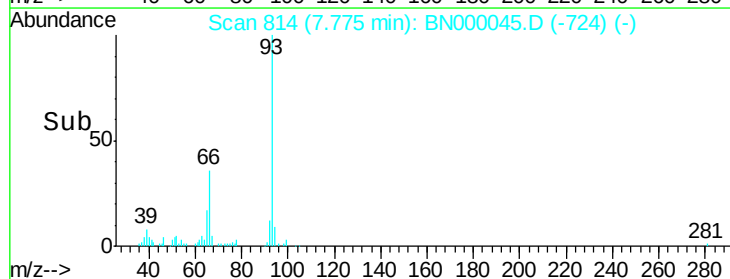
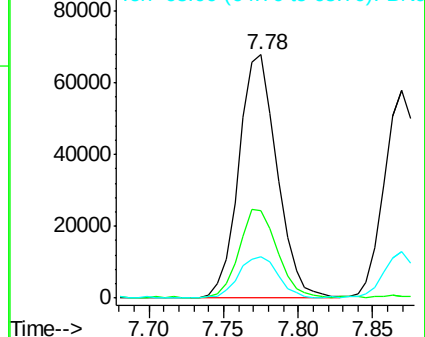
65 17.0 16.1 24.1

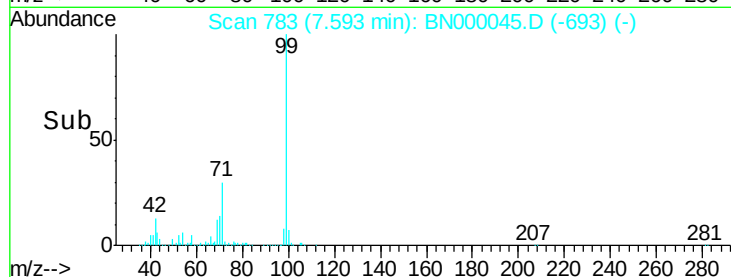
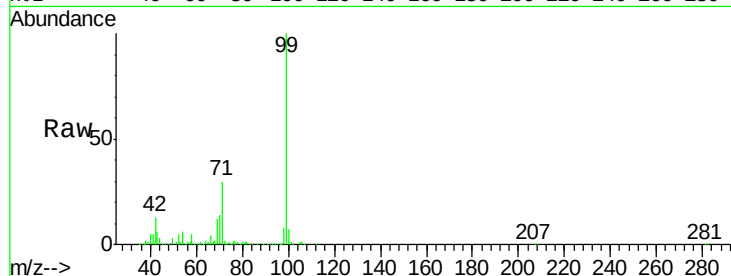
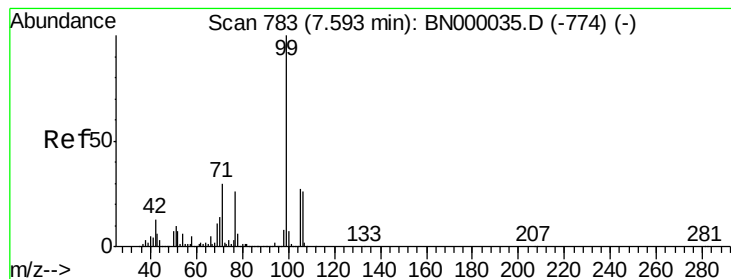


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 152.95 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

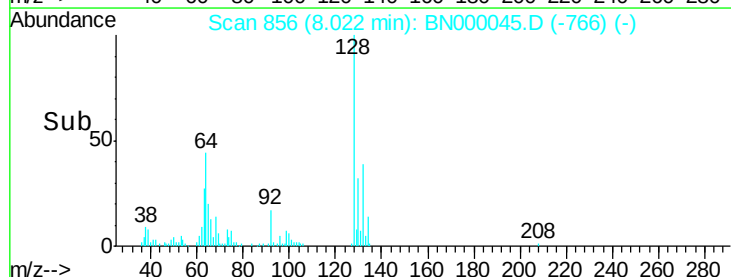
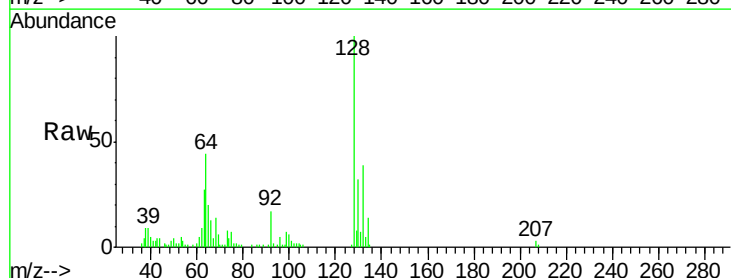
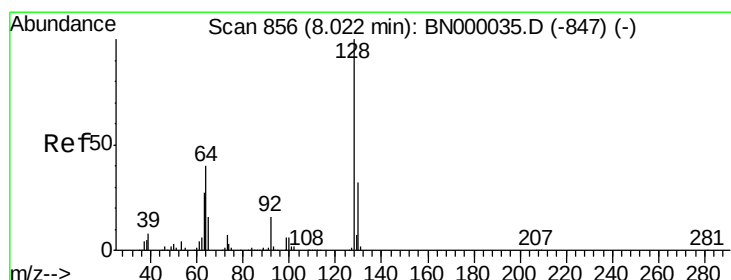
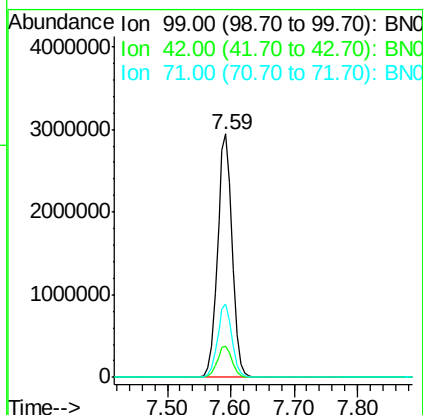
Tot Ion: 99 Resp: 4800491

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 30.0 26.1 39.1



#8

2-Chlorophenol

Concen: 4.12 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

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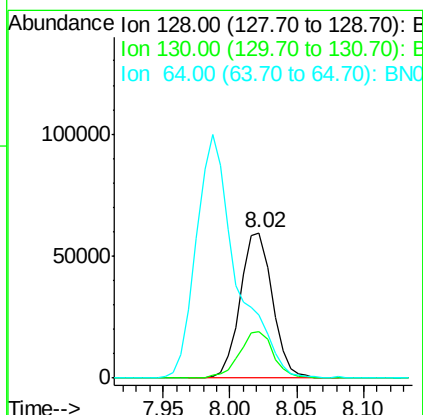
Tgt Ion: 128 Resp: 99827

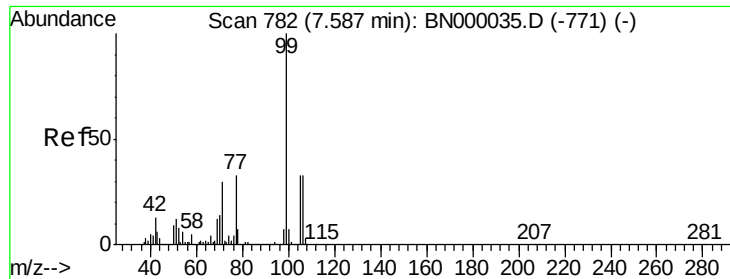
Ion Ratio Lower Upper

128 100

130 32.4 14.0 54.0

64 43.7 37.7 77.7





#9

Benzaldehyde

Concen: 3.99 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

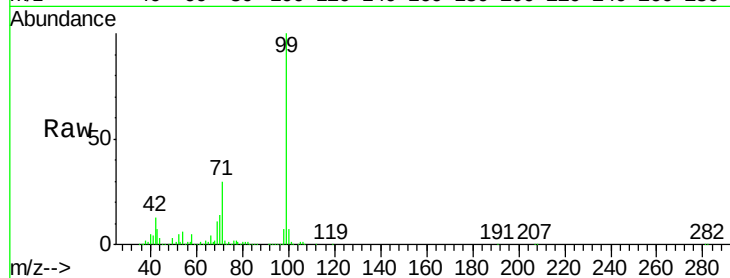
Tot Ion: 77 Resp: 77939

Ion Ratio Lower Upper

77 100

105 91.9 71.3 111.3

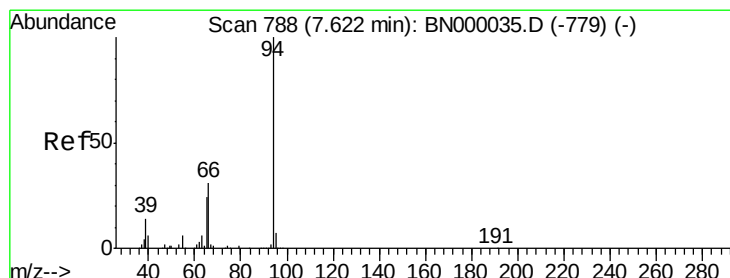
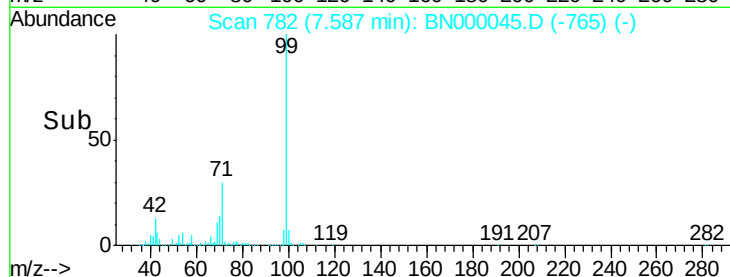
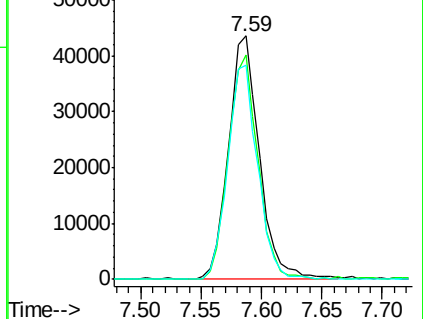
106 87.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 4.26 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

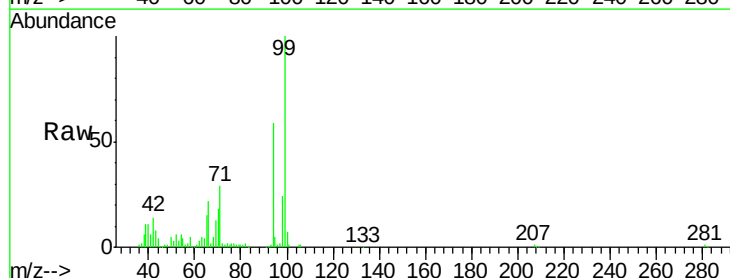
Tgt Ion: 94 Resp: 141080

Ion Ratio Lower Upper

94 100

65 26.2 11.9 51.9

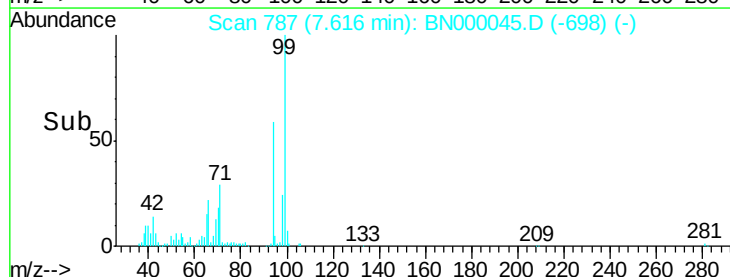
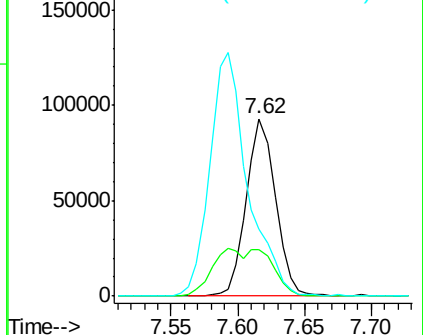
66 37.7 22.2 62.2



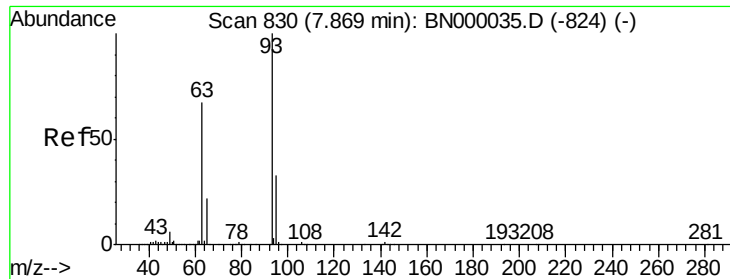
Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



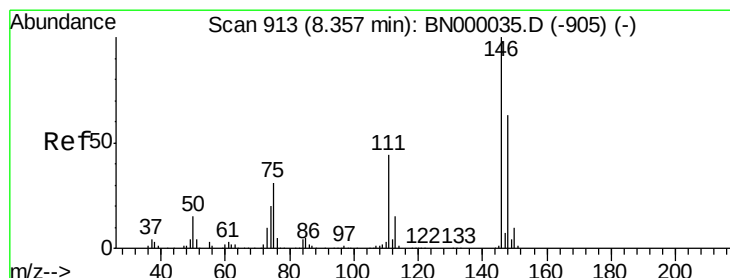
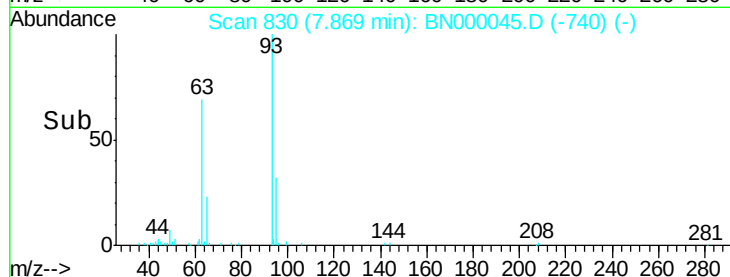
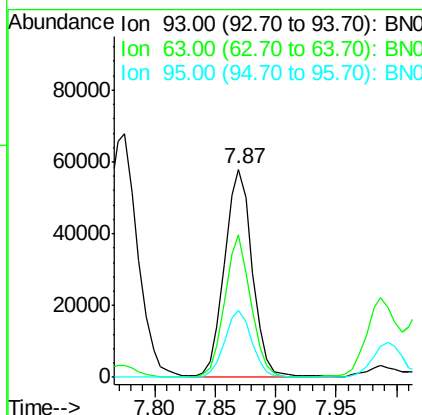
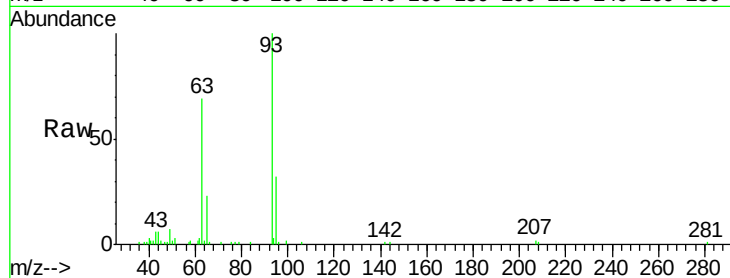




#11  
bis(2-Chloroethyl)ether  
Concen: 3.43 ng  
RT: 7.87 min Scan# 830  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

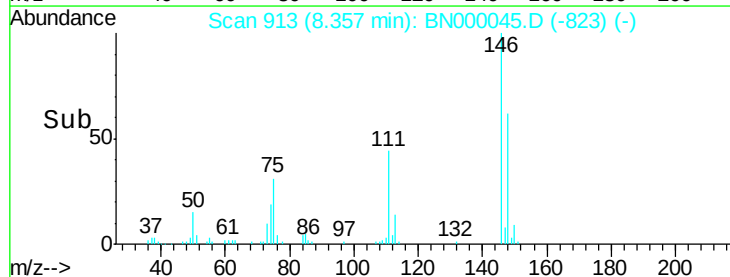
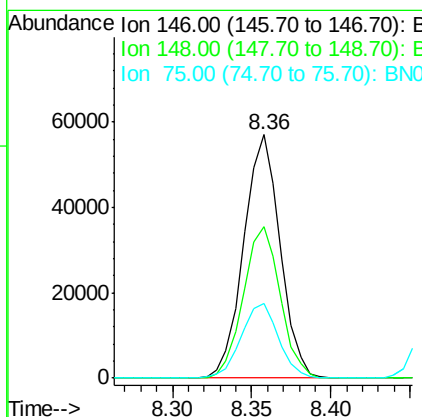
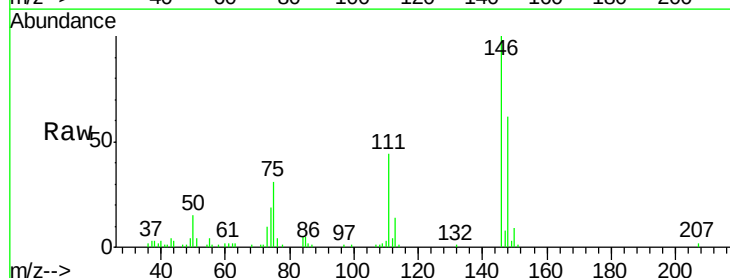
Instrument :  
BNA\_N  
ClientSampleId :

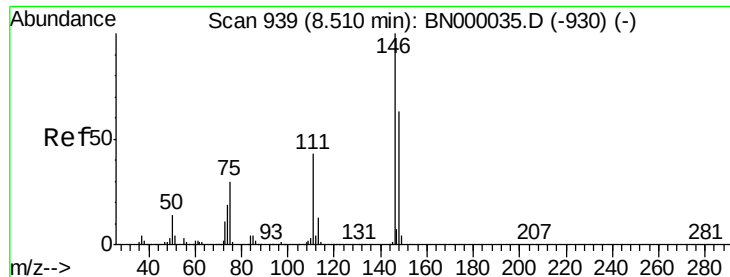
| Tot Ion | 93    | Resp  | 93390 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 93      | 100   |       |       |
| 63      | 68.7  | 67.1  | 107.1 |
| 95      | 32.5  | 11.5  | 51.5  |



#12  
1,3-Dichlorobenzene  
Concen: 3.31 ng  
RT: 8.36 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | 146   | Resp  | 91127 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 146     | 100   |       |       |
| 148     | 62.1  | 51.4  | 77.2  |
| 75      | 30.7  | 26.6  | 39.8  |

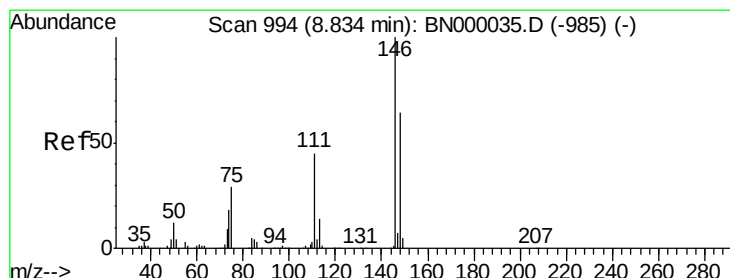
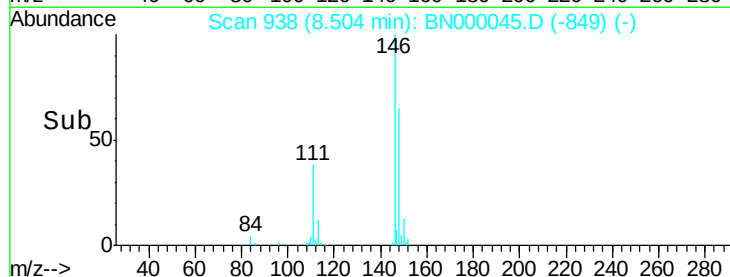
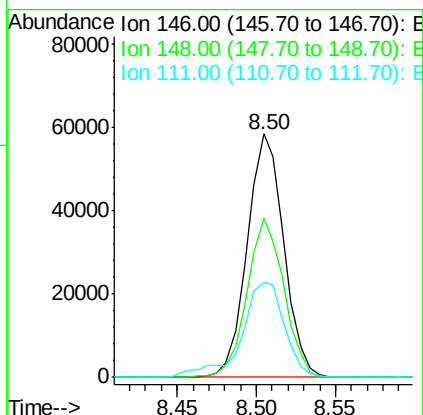
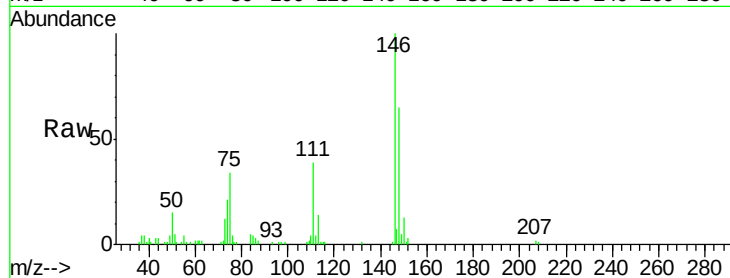




#13  
 1,4-Dichlorobenzene  
 Concen: 3.33 ng  
 RT: 8.50 min Scan# 938  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

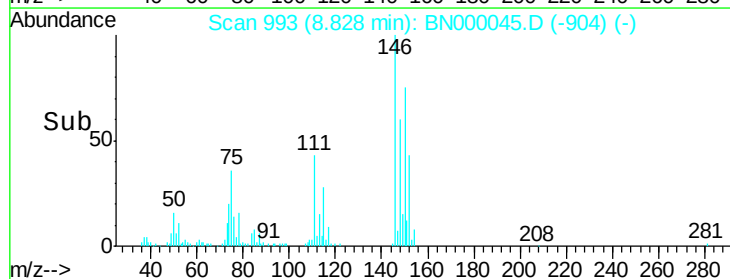
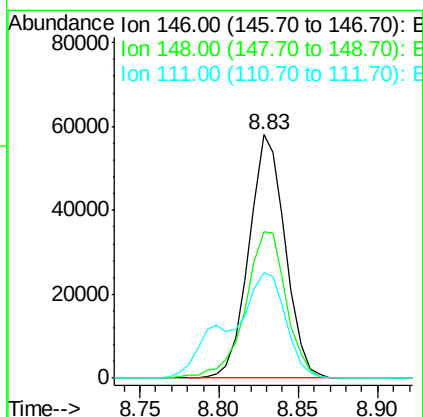
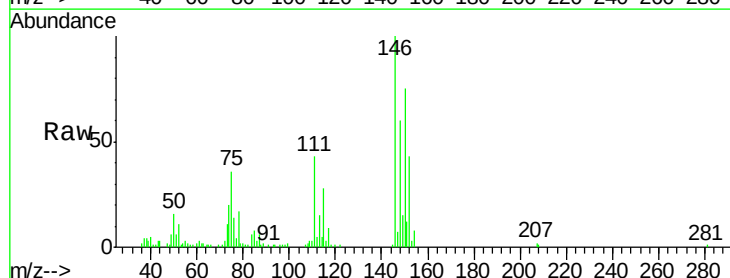
Instrument :  
 BNA\_N  
 ClientSampleId :

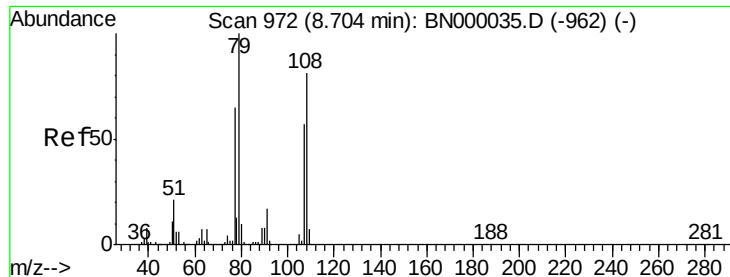
Tot Ion:146 Resp: 93611  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 53.7 80.5  
 111 39.0 35.2 52.8



#14  
 1,2-Dichlorobenzene  
 Concen: 3.33 ng  
 RT: 8.83 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:146 Resp: 92086  
 Ion Ratio Lower Upper  
 146 100  
 148 60.0 49.3 73.9  
 111 43.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 3.02 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

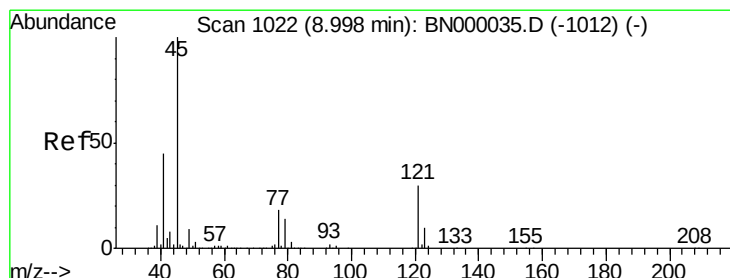
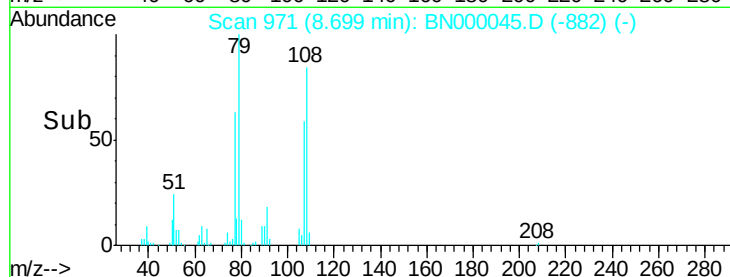
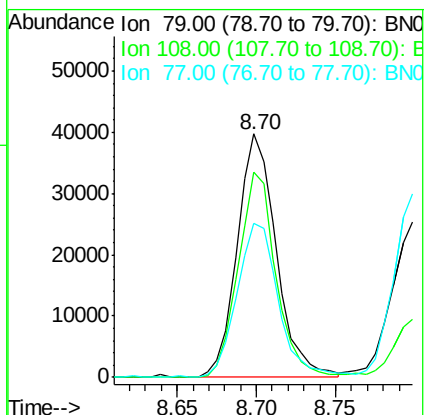
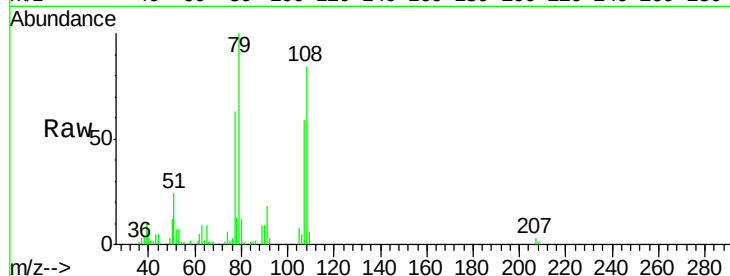
Tot Ion: 79 Resp: 68131

Ion Ratio Lower Upper

79 100

108 84.1 57.2 85.8

77 63.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.32 ng

RT: 9.00 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

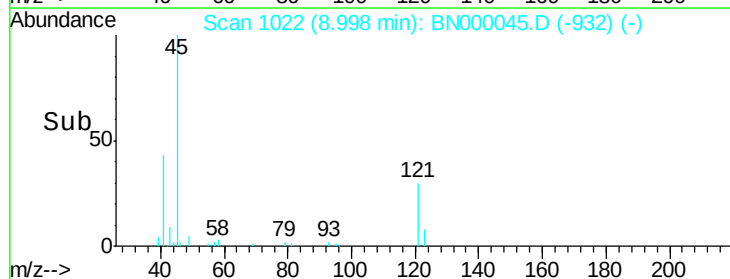
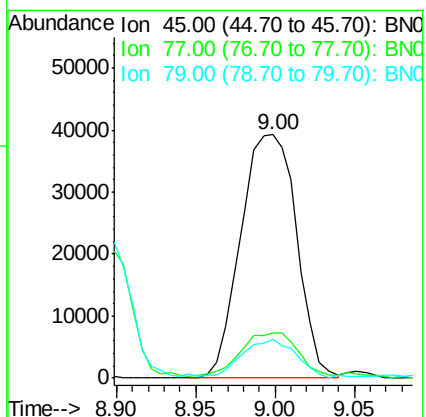
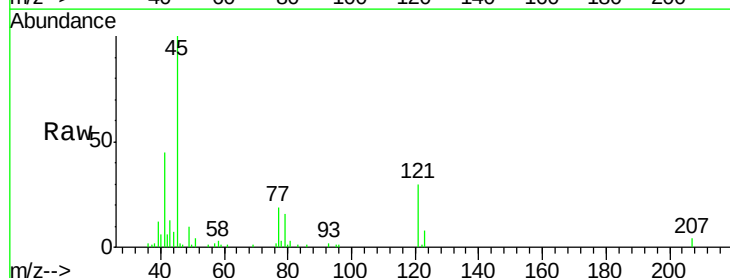
Tgt Ion: 45 Resp: 95807

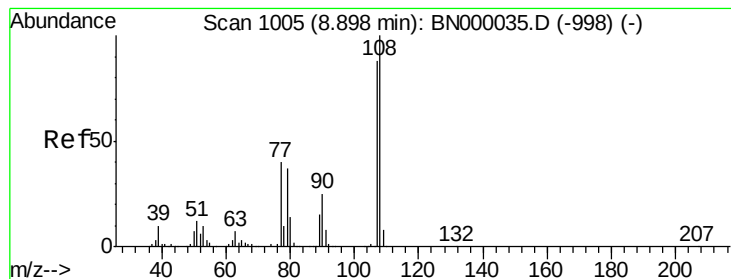
Ion Ratio Lower Upper

45 100

77 18.7 0.0 30.2

79 16.0 0.0 27.9

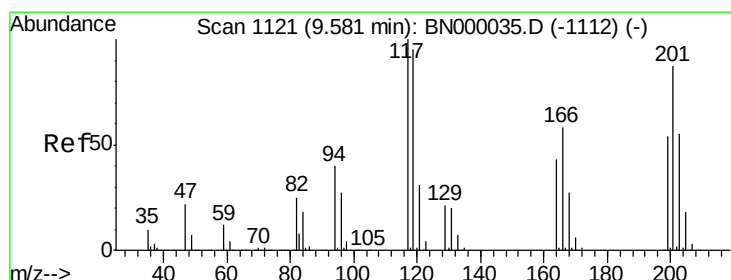
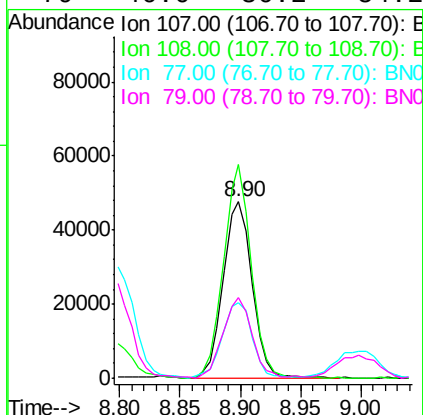
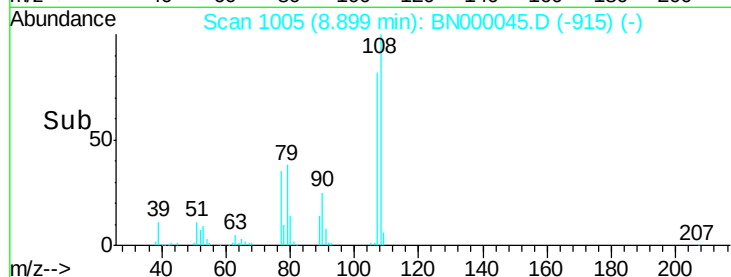
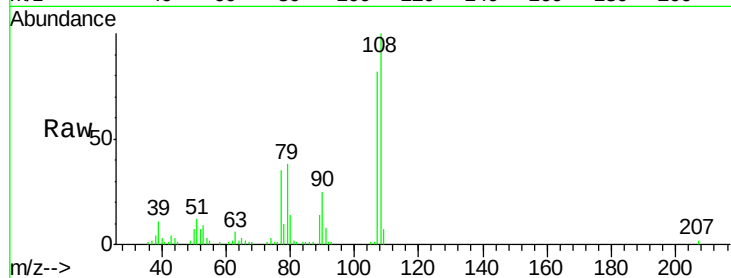




#17  
2-Methylphenol  
Concen: 3.38 ng  
RT: 8.90 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

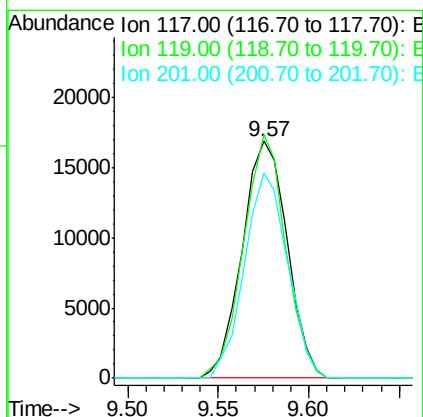
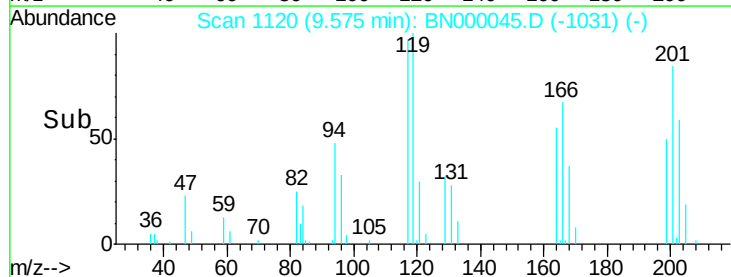
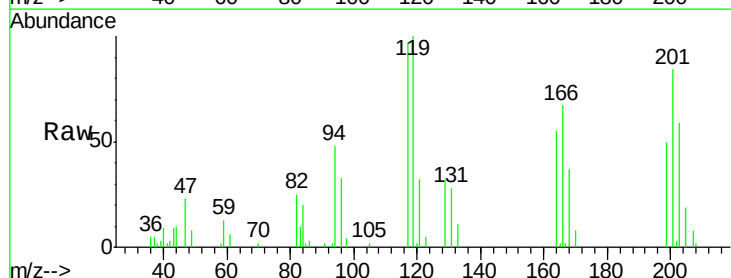
Instrument :  
BNA\_N  
ClientSampled :

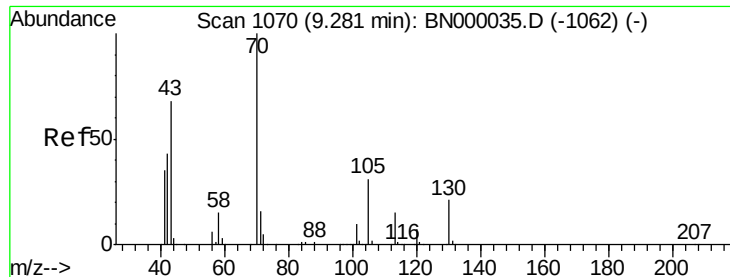
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 121.3 | 83.9  | 125.9 |
| 77      | 43.0  | 37.2  | 55.8  |
| 79      | 46.0  | 36.2  | 54.2  |



#18  
Hexachloroethane  
Concen: 2.98 ng  
RT: 9.57 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 102.7 | 76.7  | 115.1  |
| 201     | 86.6  | 95.7  | 143.5# |

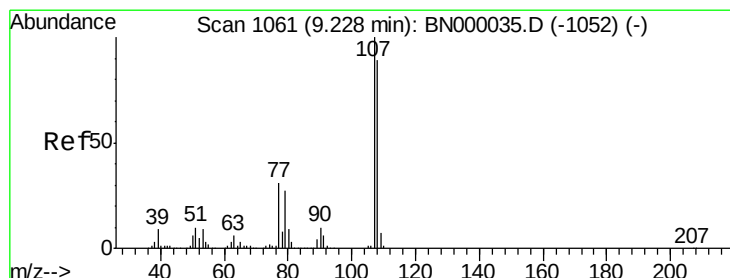
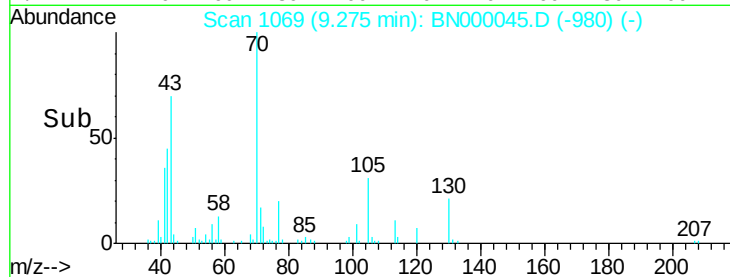
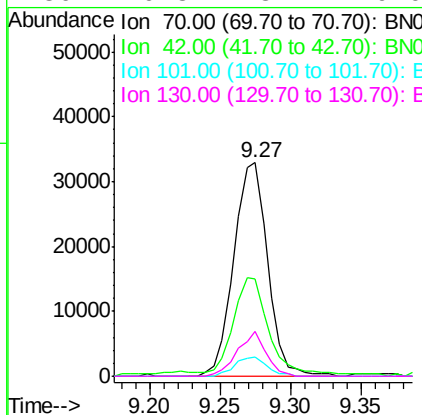
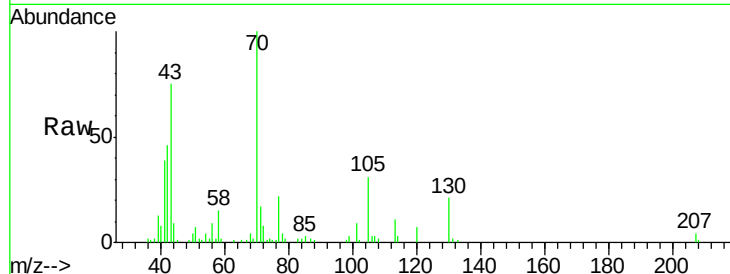




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.63 ng  
RT: 9.27 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

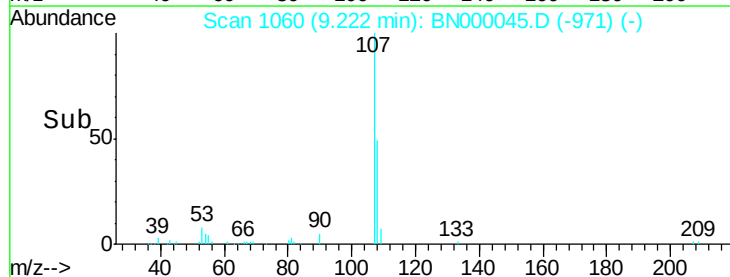
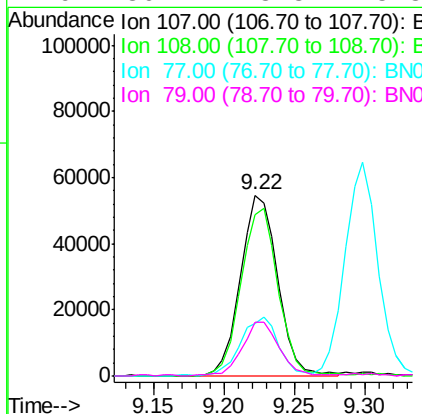
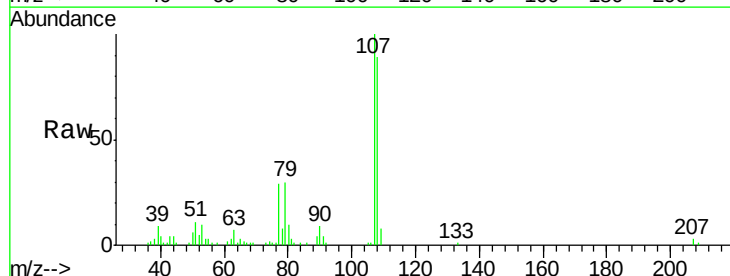
Instrument :  
BNA\_N  
ClientSampleId :

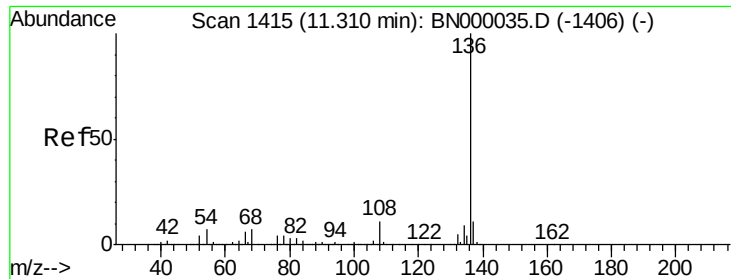
Tot Ion: 70 Resp: 55221  
Ion Ratio Lower Upper  
70 100  
42 45.7 49.1 73.7#  
101 9.0 8.5 12.7  
130 20.8 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 3.08 ng  
RT: 9.22 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:107 Resp: 101320  
Ion Ratio Lower Upper  
107 100  
108 89.5 61.6 101.6  
77 29.4 13.9 53.9  
79 30.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

Tot Ion:136 Resp: 1648612

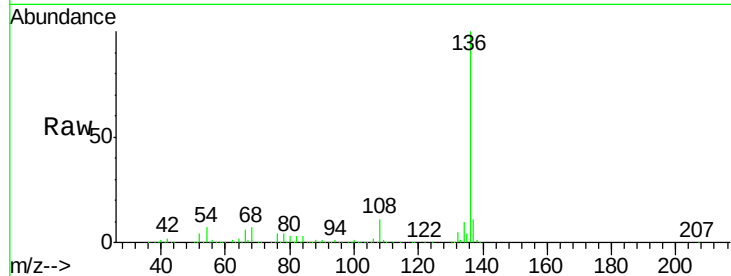
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.1 10.3 15.5#

68 6.6 4.5 6.7

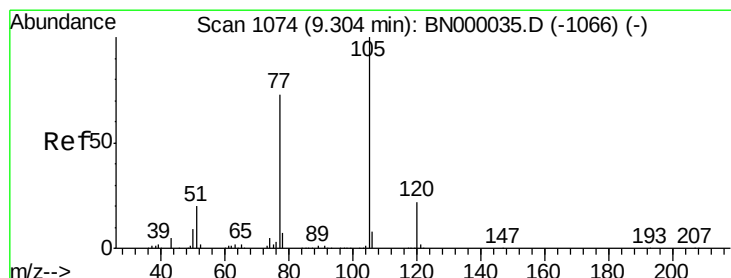
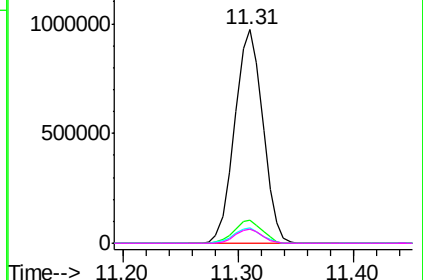
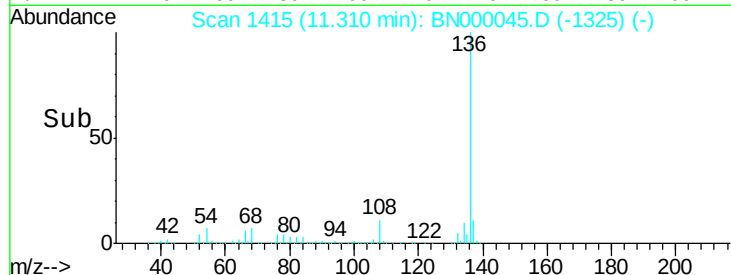


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 3.04 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:105 Resp: 140466

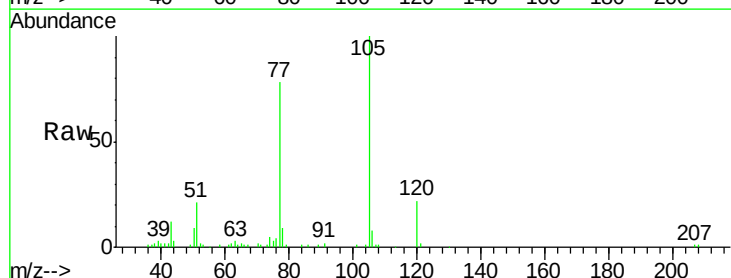
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 20.9 26.1 39.1#

120 22.2 17.4 26.2

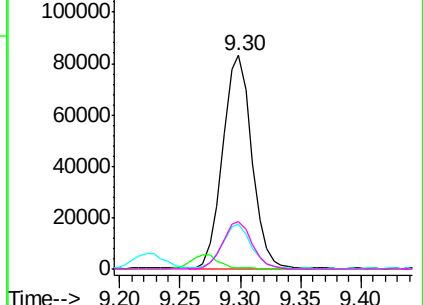
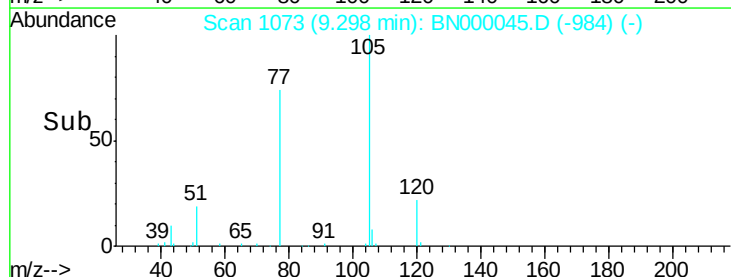


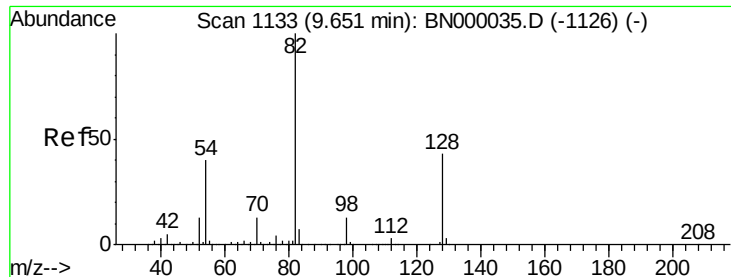
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

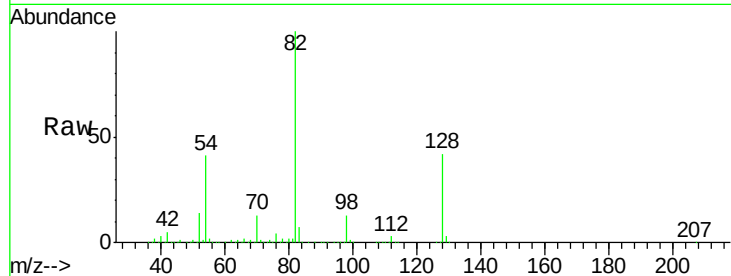




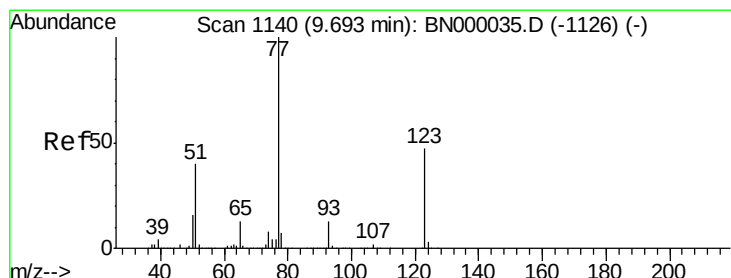
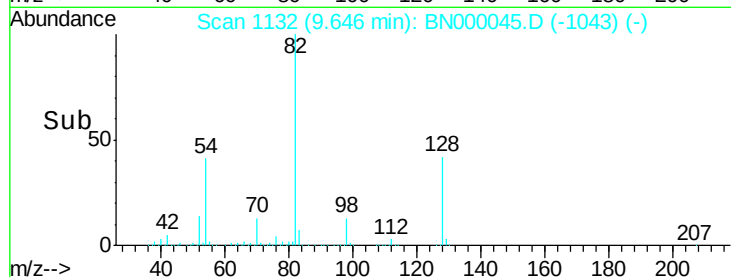
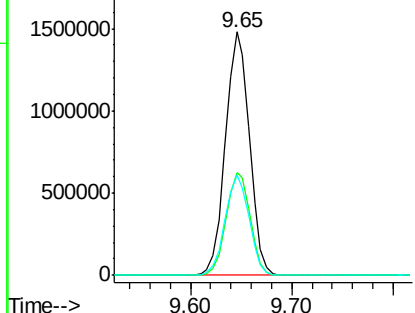
#23  
Nitrobenzene-d5  
Concen: 87.28 ng  
RT: 9.65 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion: 82 Resp: 2420266  
Ion Ratio Lower Upper  
82 100  
128 42.3 29.7 44.5  
54 41.3 43.1 64.7#

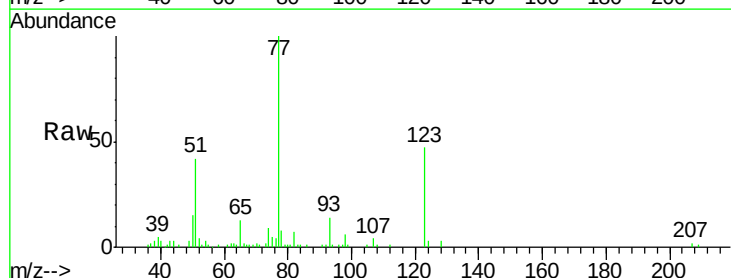


Abundance Ion 82.00 (81.70 to 82.70): BN0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BN0

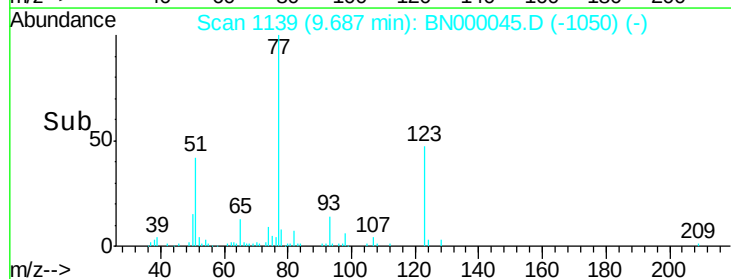
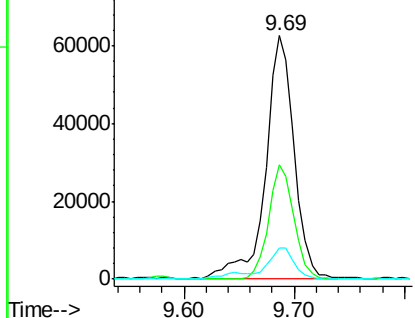


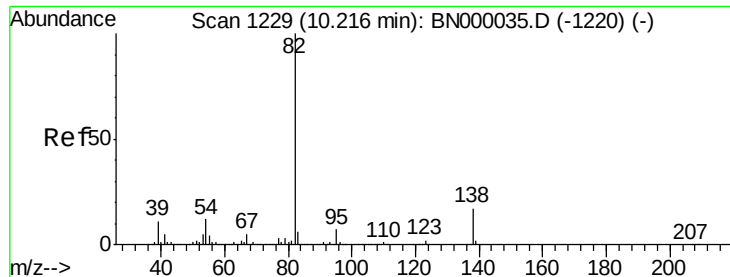
#24  
Nitrobenzene  
Concen: 3.74 ng  
RT: 9.69 min Scan# 1139  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion: 77 Resp: 113239  
Ion Ratio Lower Upper  
77 100  
123 47.2 33.0 49.6  
65 12.8 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 2.85 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

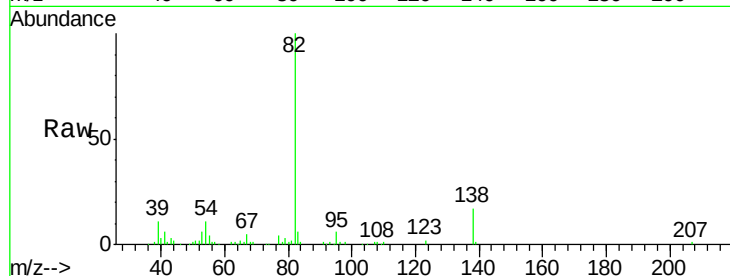
Tot Ion: 82 Resp: 163298

Ion Ratio Lower Upper

82 100

95 6.2 6.2 9.2

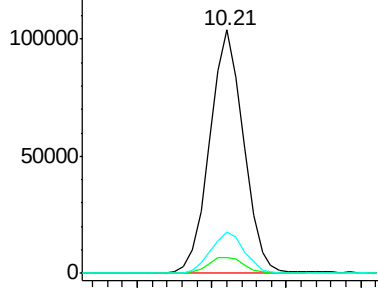
138 16.9 12.1 18.1



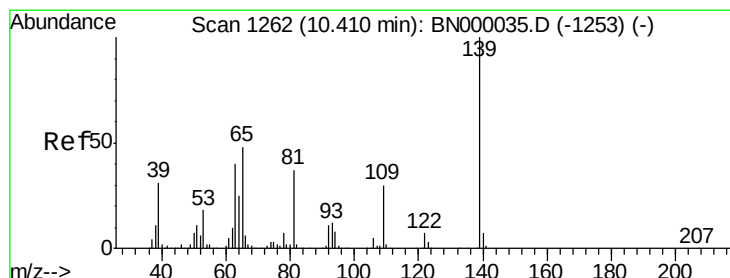
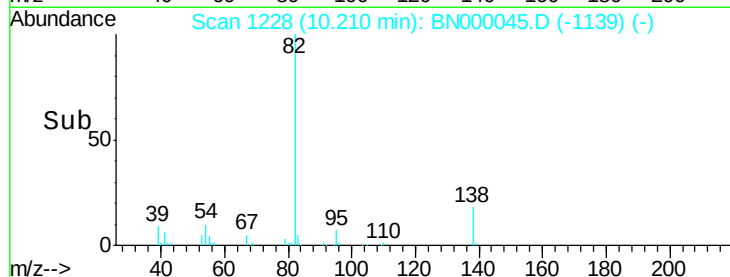
Abundance Ion 82.00 (81.70 to 82.70): BN000035.D (-1220) (-)

Ion 95.00 (94.70 to 95.70): BN000035.D (-1220) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1220) (-)



Time-->



#26

2-Nitrophenol

Concen: 8.80 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

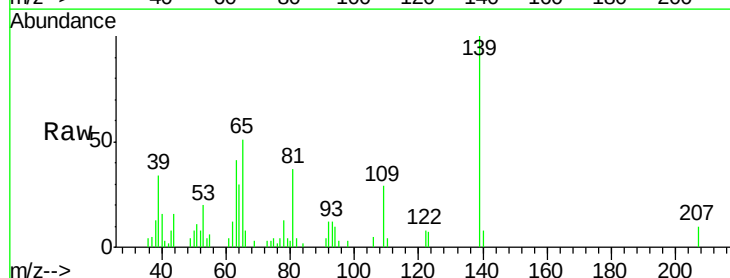
Tgt Ion: 139 Resp: 23443

Ion Ratio Lower Upper

139 100

109 29.5 24.2 36.2

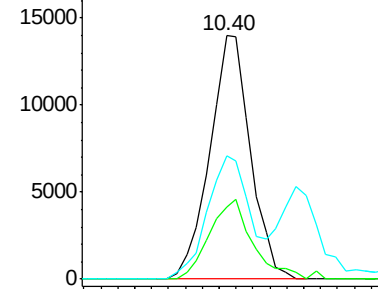
65 50.7 47.4 71.0



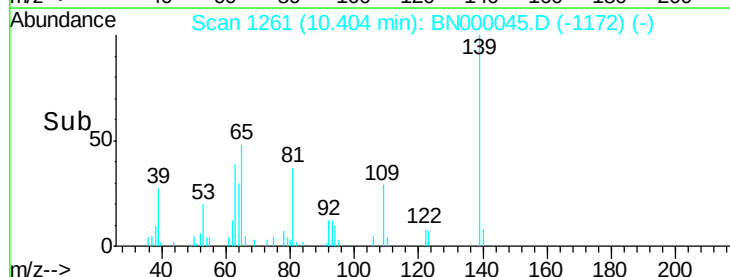
Abundance Ion 139.00 (138.70 to 139.70): BN000035.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000035.D (-1253) (-)

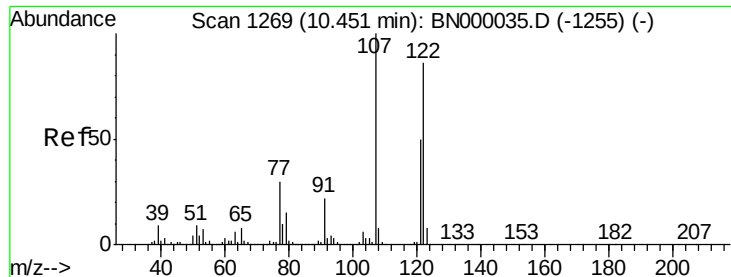
Ion 65.00 (64.70 to 65.70): BN000035.D (-1253) (-)



Time-->



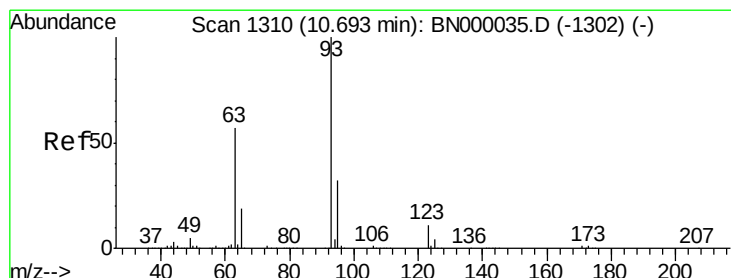
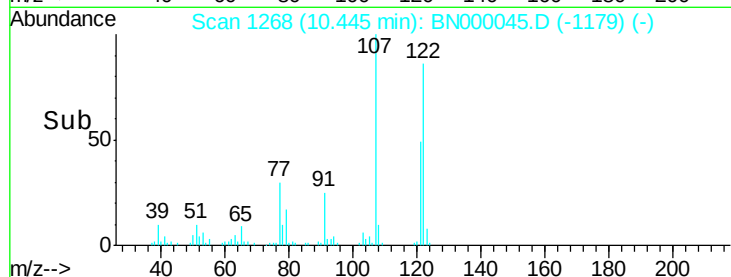
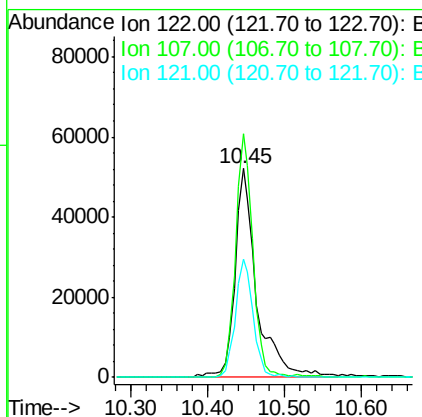
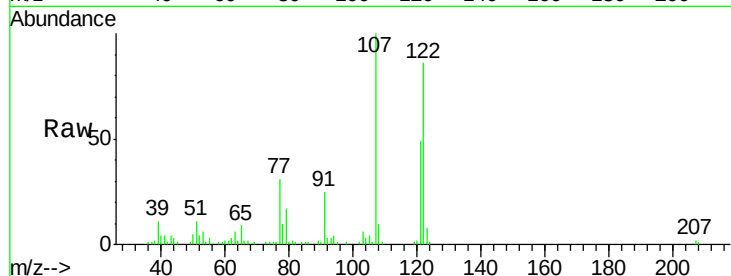




#27  
2,4-Dimethylphenol  
Concen: 4.16 ng  
RT: 10.45 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

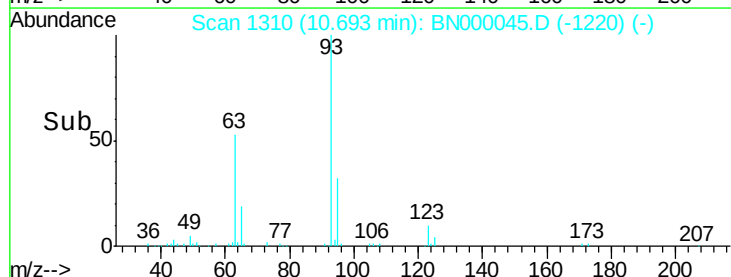
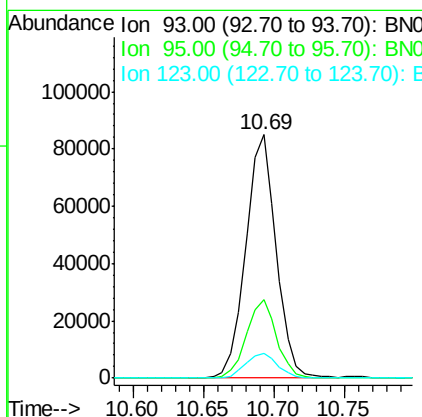
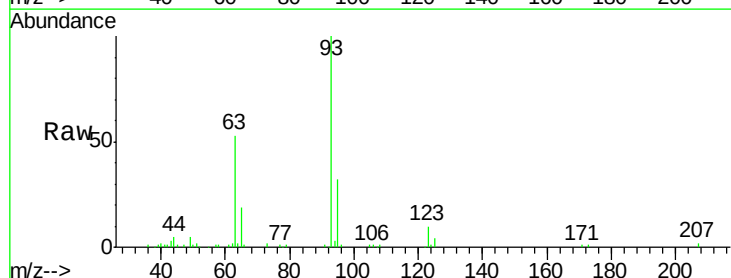
Instrument :  
BNA\_N  
ClientSampled :

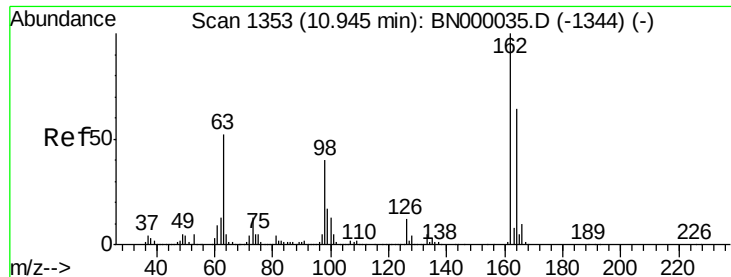
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.7 | 100.2 | 150.2 |
| 121     | 56.8  | 44.4  | 66.6  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 3.49 ng  
RT: 10.69 min Scan# 1310  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 24.3  | 36.5  |
| 123     | 10.3  | 8.4   | 12.6  |

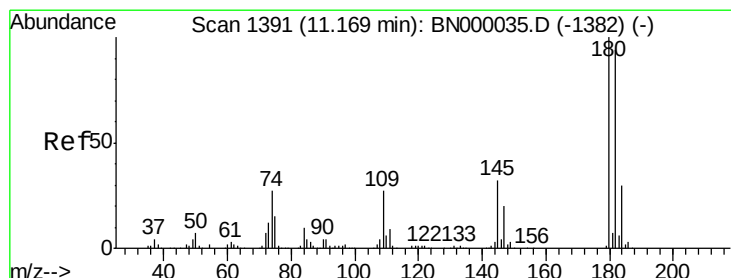
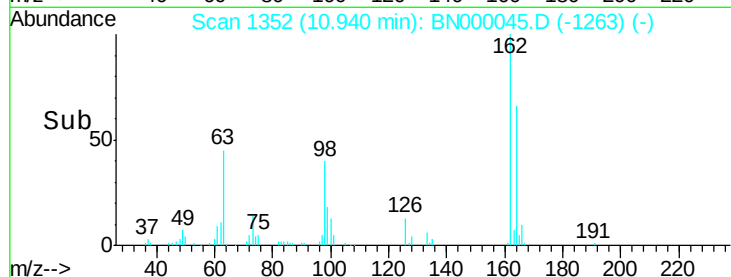
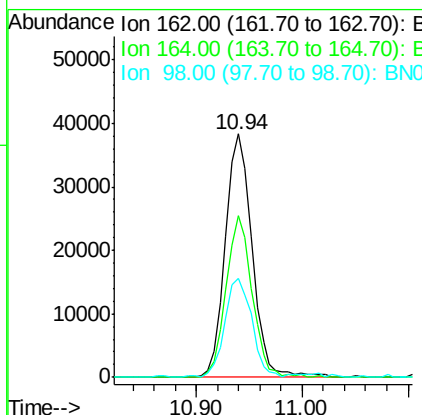
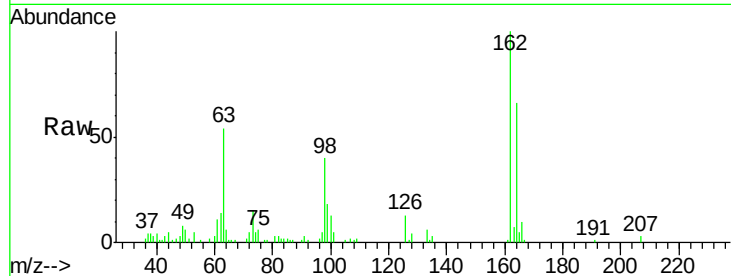




#29  
 2,4-Dichlorophenol  
 Concen: 2.94 ng  
 RT: 10.94 min Scan# 1352  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

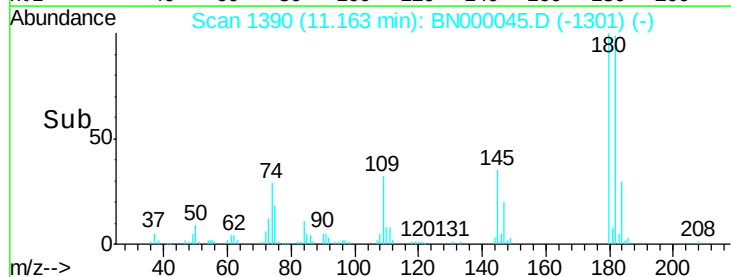
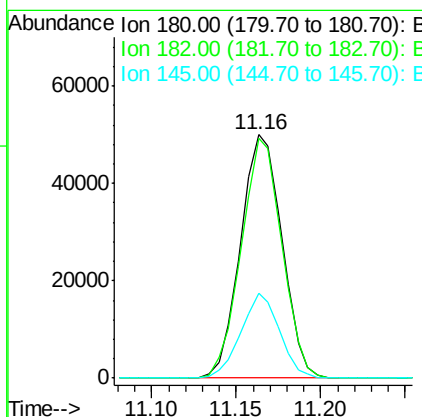
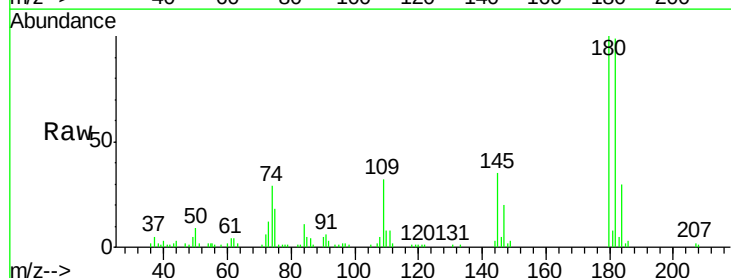
Instrument :  
 BNA\_N  
 ClientSampleId :

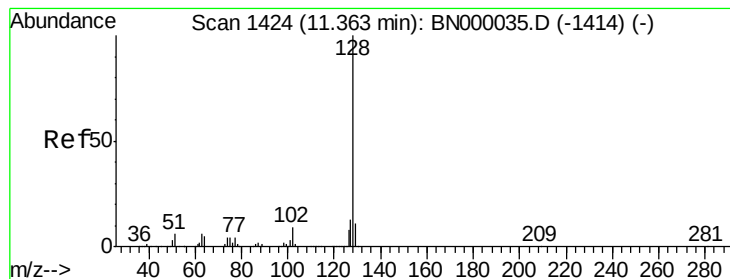
Tot Ion:162 Resp: 67540  
 Ion Ratio Lower Upper  
 162 100  
 164 66.3 48.0 88.0  
 98 40.4 21.1 61.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 3.23 ng  
 RT: 11.16 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:180 Resp: 85423  
 Ion Ratio Lower Upper  
 180 100  
 182 98.6 77.5 116.3  
 145 35.1 23.4 35.2





#31

Naphthalene

Concen: 3.37 ng

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

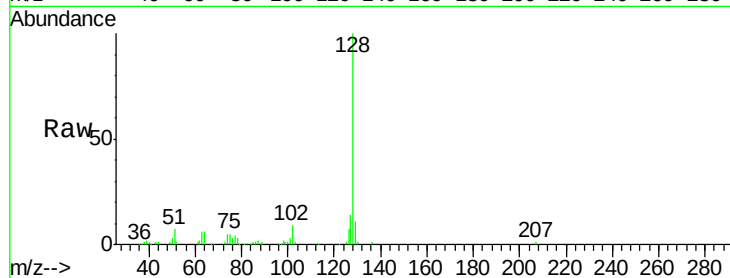
Tot Ion:128 Resp: 304333

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

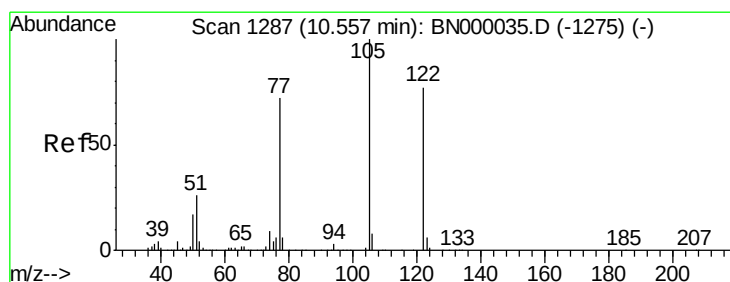
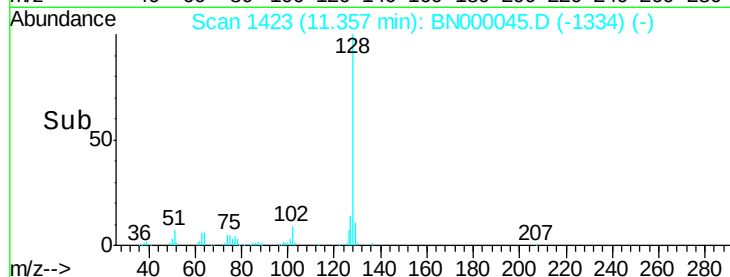
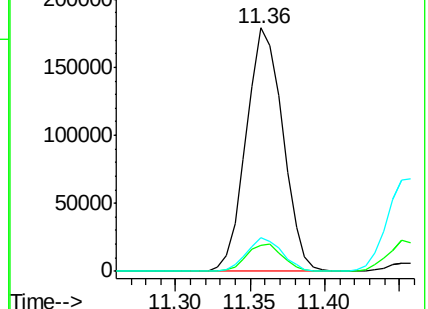
127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.91 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.11 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

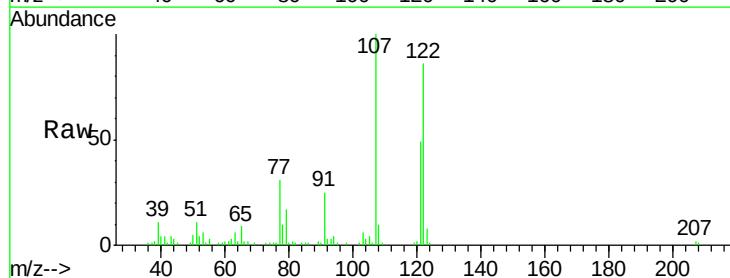
Tgt Ion:122 Resp: 103258

Ion Ratio Lower Upper

122 100

105 4.2 123.5 163.5#

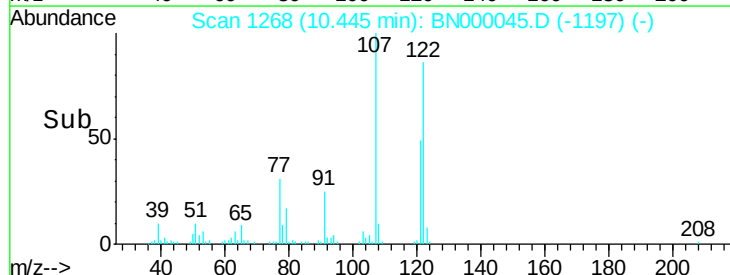
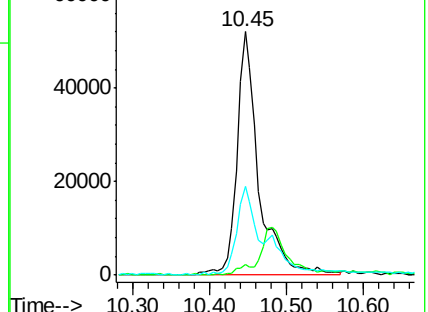
77 36.4 85.7 125.7#

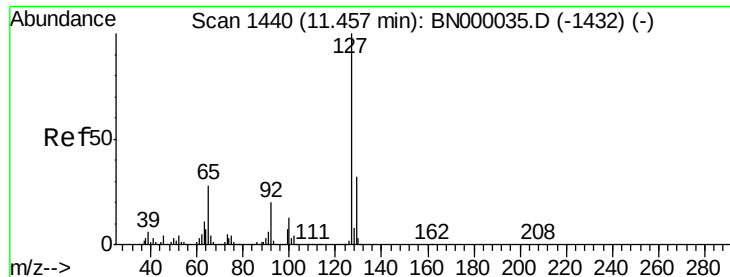


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

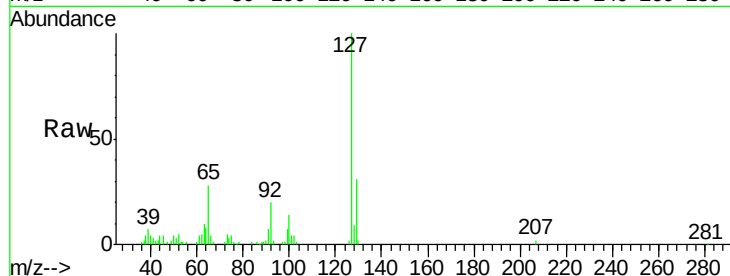




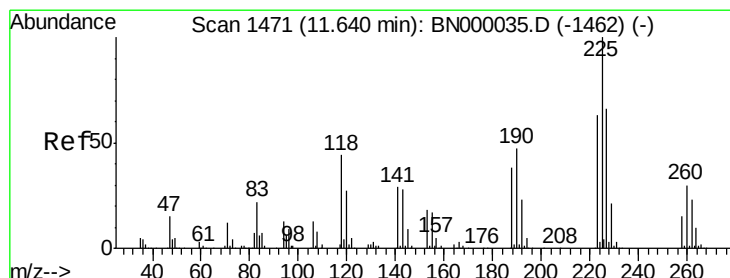
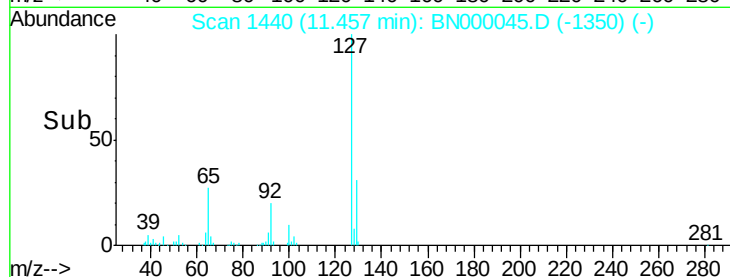
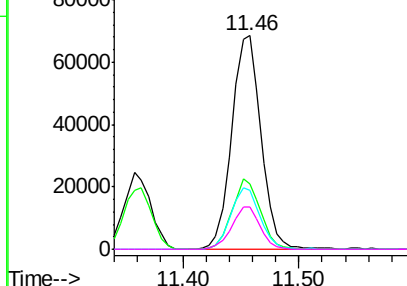
#33  
4-Chloroaniline  
Concen: 3.03 ng  
RT: 11.46 min Scan# 1440  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 120441 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.7  | 24.0  | 36.0   |
| 65       | 27.8  | 27.0  | 40.4   |
| 92       | 19.7  | 16.6  | 25.0   |

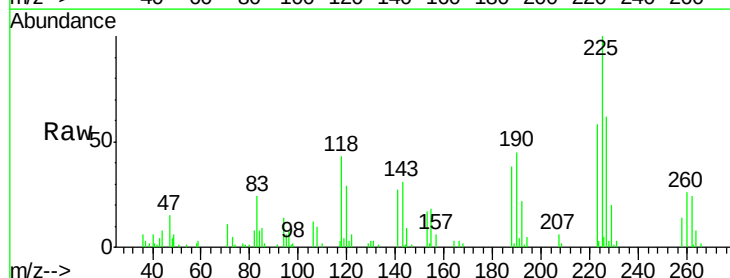


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

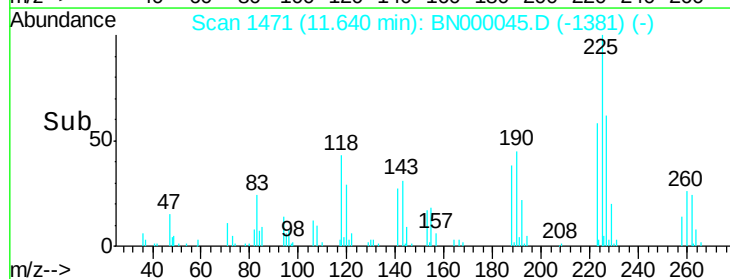
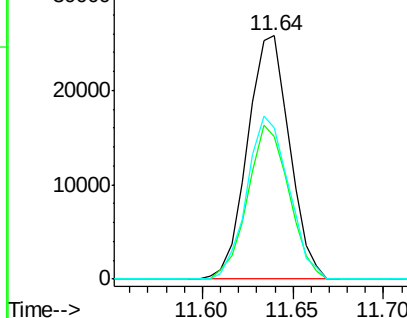


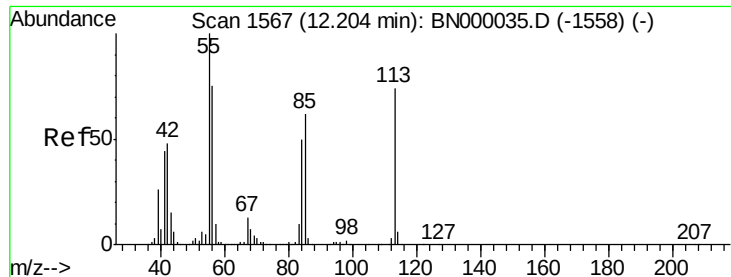
#34  
Hexachlorobutadiene  
Concen: 3.03 ng  
RT: 11.64 min Scan# 1471  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 41587 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.5  | 49.7  | 74.5  |
| 227      | 62.1  | 48.1  | 72.1  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

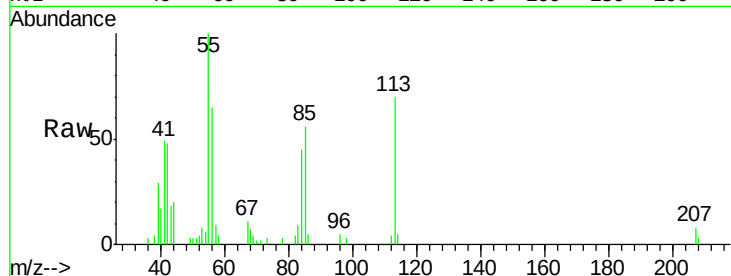




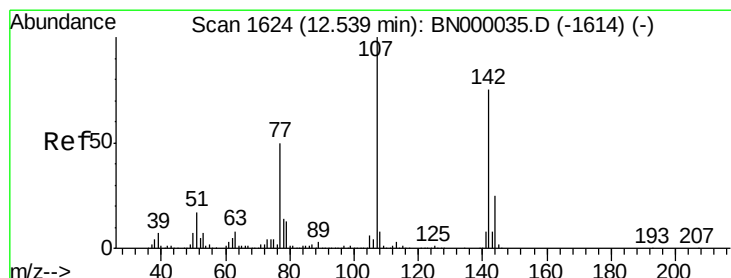
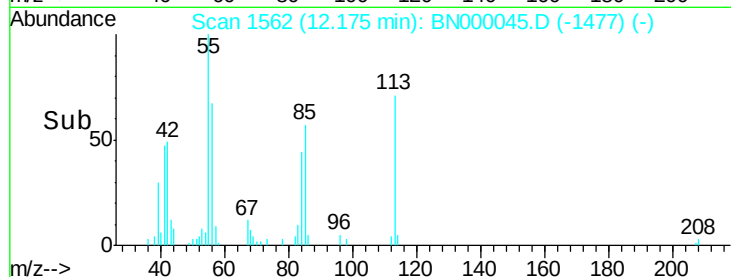
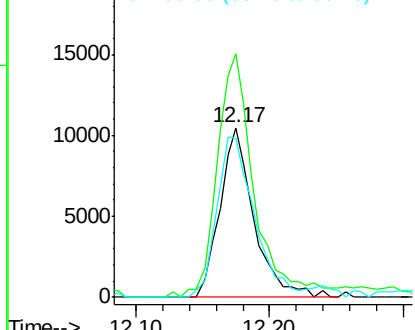
#35  
 Caprolactam  
 Concen: 5.72 ng  
 RT: 12.17 min Scan# 1562  
 Delta R.T. -0.03 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 18630  
 Ion Ratio Lower Upper  
 113 100  
 55 143.5 120.0 160.0  
 56 93.9 90.0 130.0

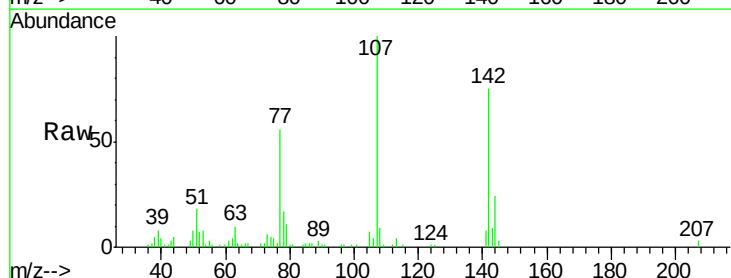


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BNO  
 Ion 56.00 (55.70 to 56.70): BNO

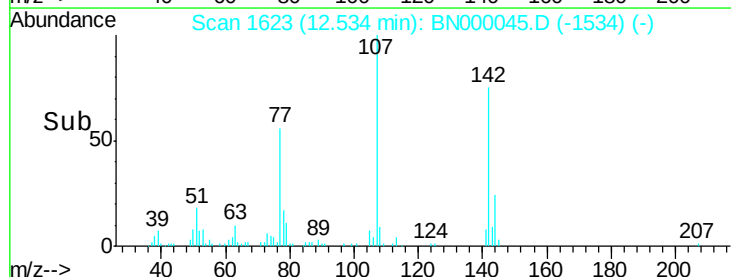
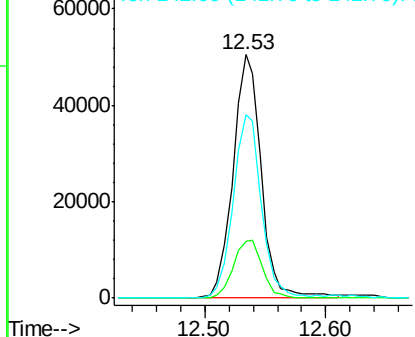


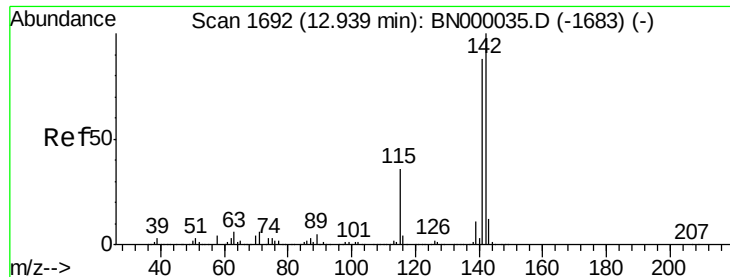
#36  
 4-Chloro-3-methylphenol  
 Concen: 2.82 ng  
 RT: 12.53 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:107 Resp: 82363  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 18.2 27.4  
 142 75.3 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

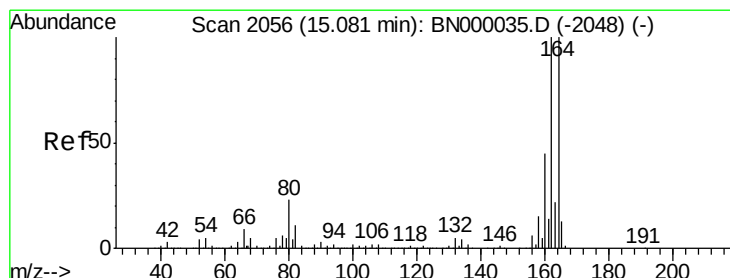
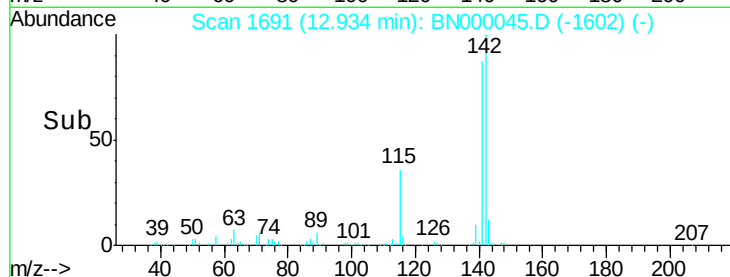
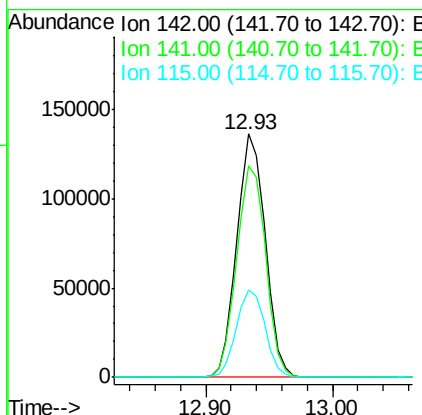
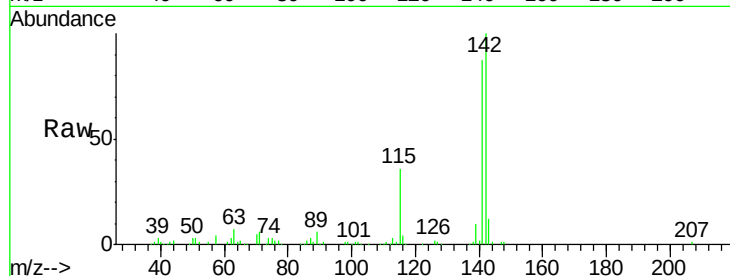




#37  
2-Methylnaphthalene  
Concen: 3.39 ng  
RT: 12.93 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

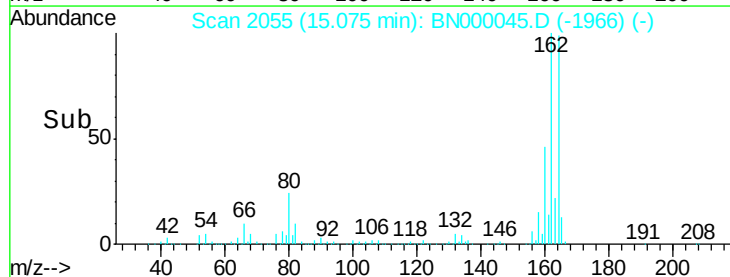
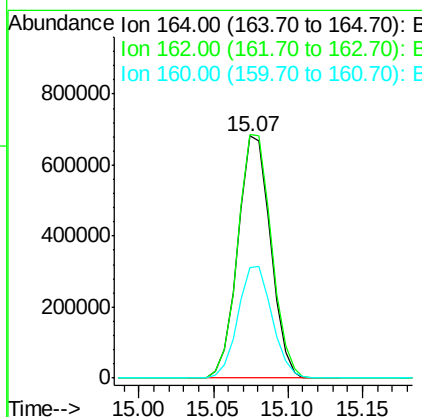
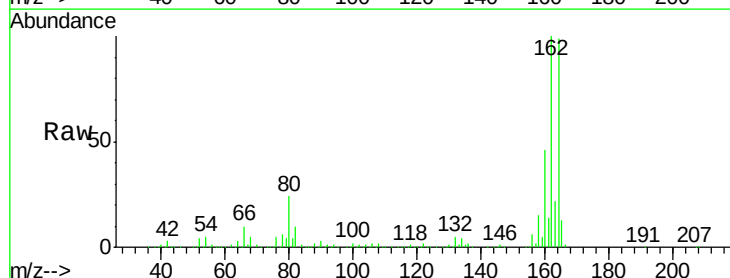
Instrument :  
BNA\_N  
ClientSampleId :

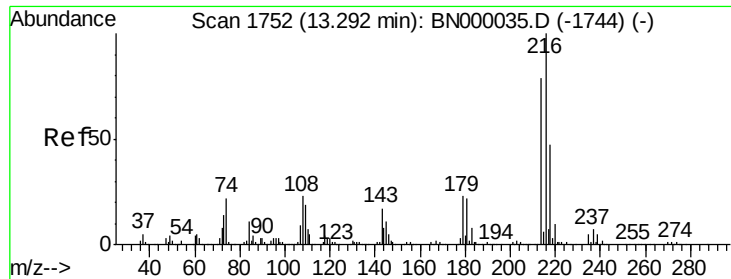
Tot Ion:142 Resp: 212959  
Ion Ratio Lower Upper  
142 100  
141 87.1 67.1 100.7  
115 36.0 30.7 46.1



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.07 min Scan# 2055  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:164 Resp: 1038129  
Ion Ratio Lower Upper  
164 100  
162 100.6 78.8 118.2  
160 45.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.19 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000045.D

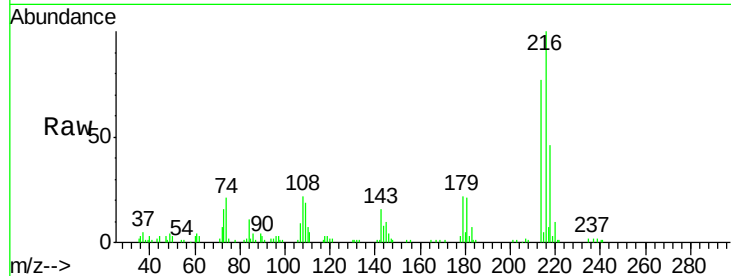
Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 97690 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 79.2  | 63.0  | 94.4  |
| 179      | 22.9  | 17.0  | 25.6  |
| 108      | 23.7  | 12.8  | 19.2# |

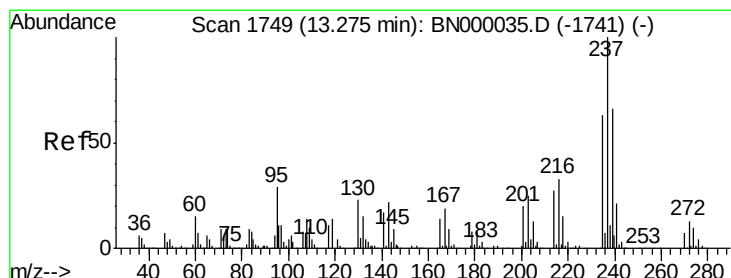
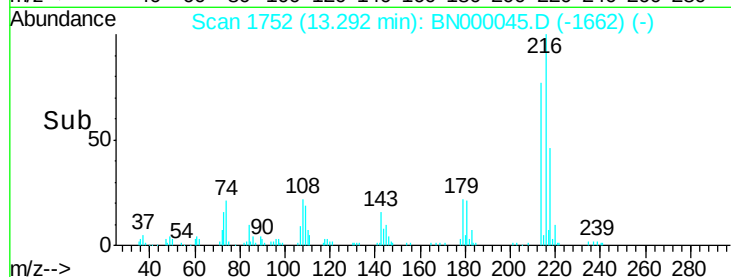
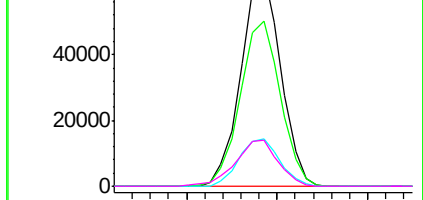


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.42 ng

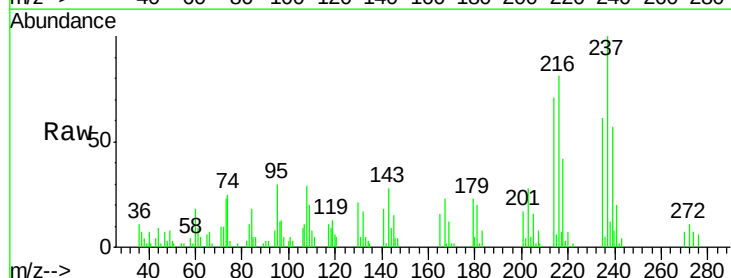
RT: 13.27 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

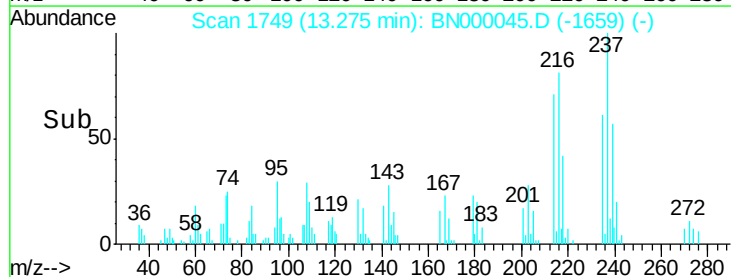
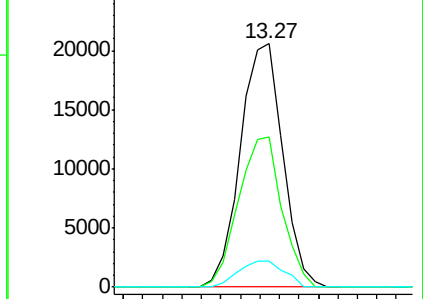
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 30927 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.4  | 50.4  | 90.4  |
| 272      | 10.7  | 0.0   | 31.8  |

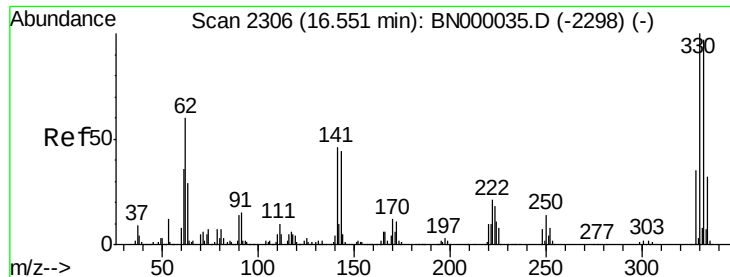


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

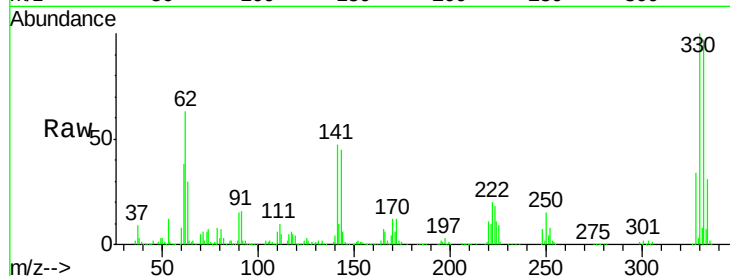




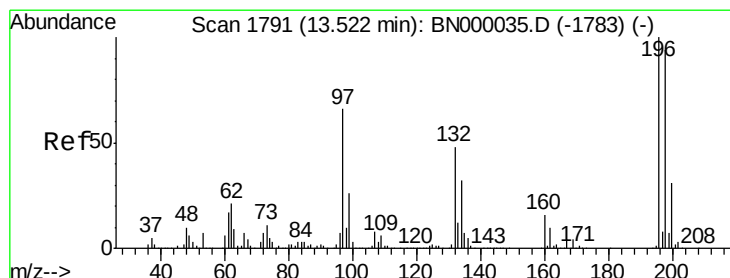
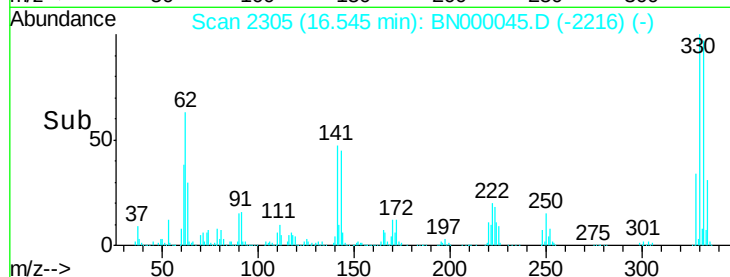
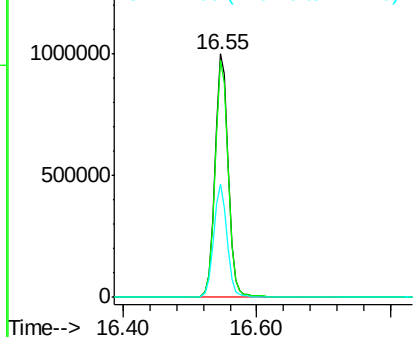
#41  
 2,4,6-Tribromophenol  
 Concen: 137.30 ng  
 RT: 16.55 min Scan# 2305  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:330 Resp: 1410865  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.0 115.6  
 141 47.1 25.2 37.8#

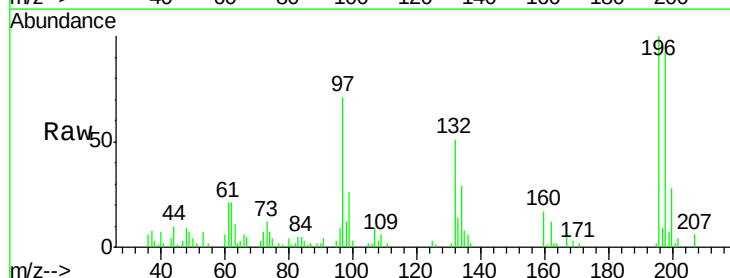


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

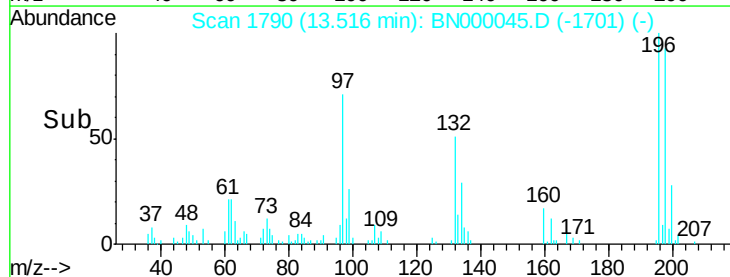
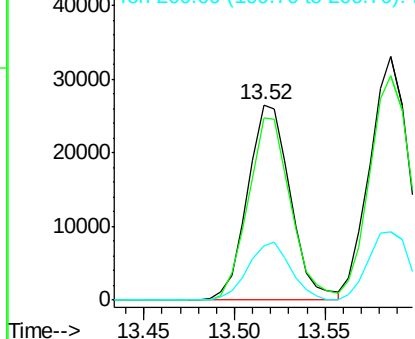


#42  
 2,4,6-Trichlorophenol  
 Concen: 2.37 ng  
 RT: 13.52 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

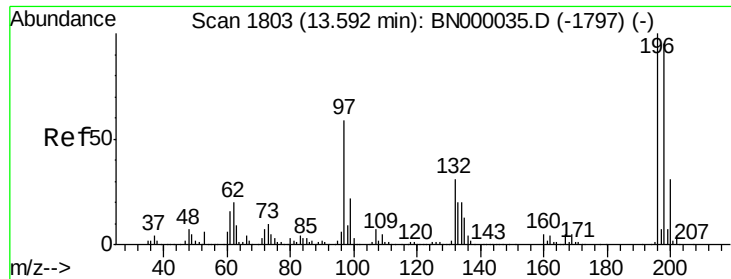
Tgt Ion:196 Resp: 43552  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 78.2 117.2  
 200 27.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



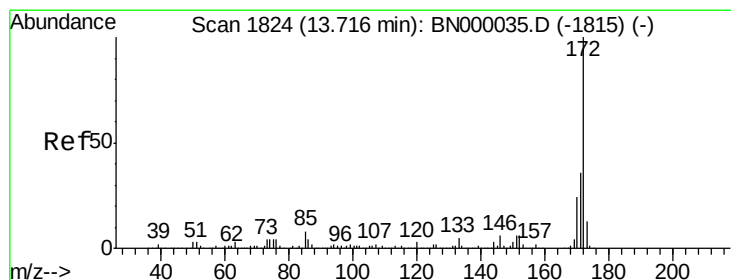
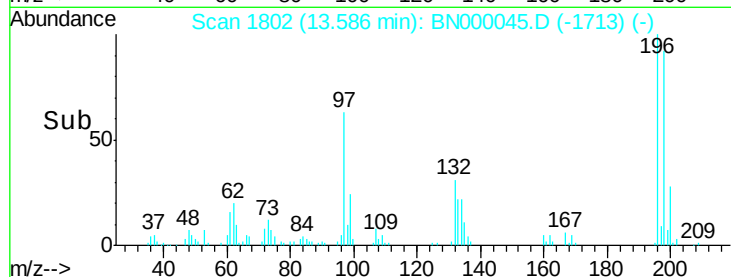
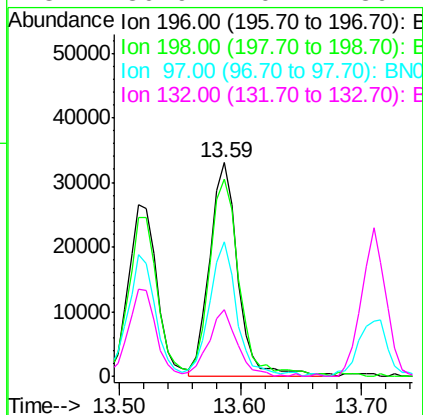
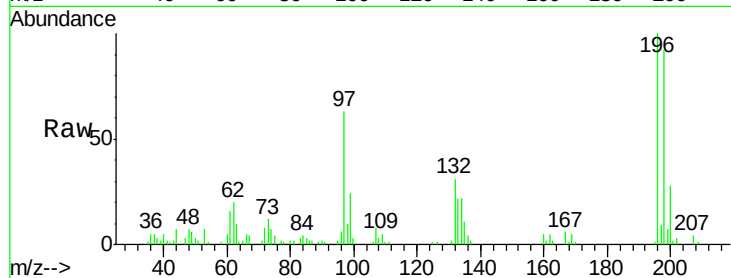




#43  
 2,4,5-Trichlorophenol  
 Concen: 2.42 ng  
 RT: 13.59 min Scan# 1802  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

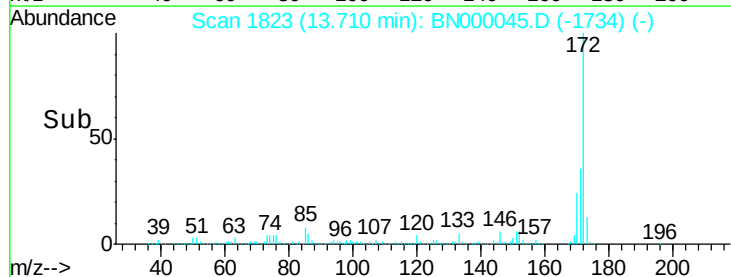
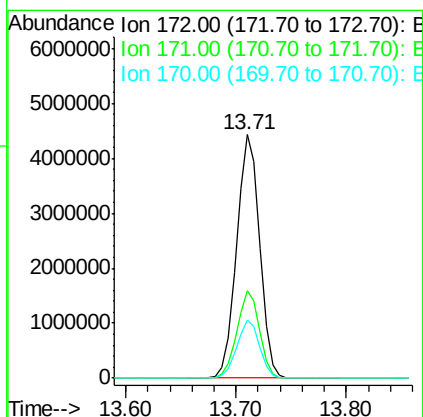
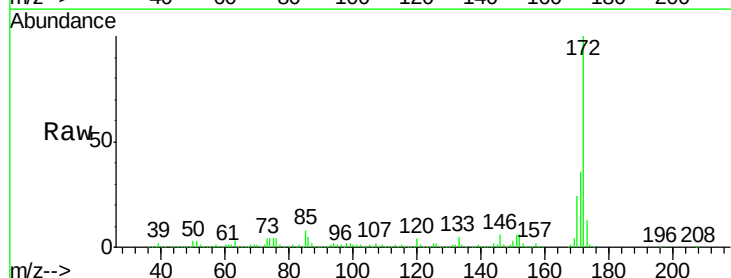
Instrument :  
 BNA\_N  
 ClientSampled :

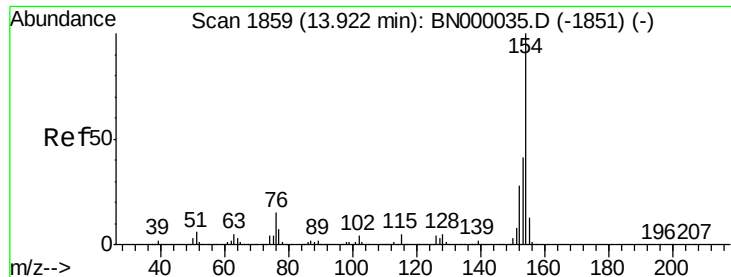
Tot Ion:196 Resp: 53513  
 Ion Ratio Lower Upper  
 196 100  
 198 92.4 76.2 114.4  
 97 63.0 38.7 58.1#  
 132 30.9 20.2 30.2#



#44  
 2-Fluorobiphenyl  
 Concen: 88.04 ng  
 RT: 13.71 min Scan# 1823  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:172 Resp: 6484647  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 30.0 45.0  
 170 23.9 19.5 29.3

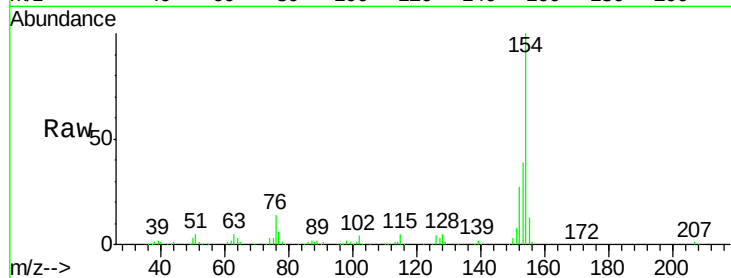




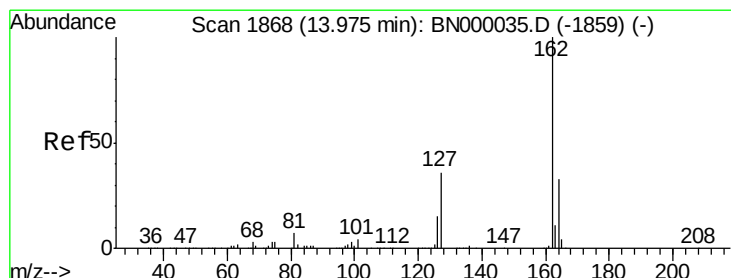
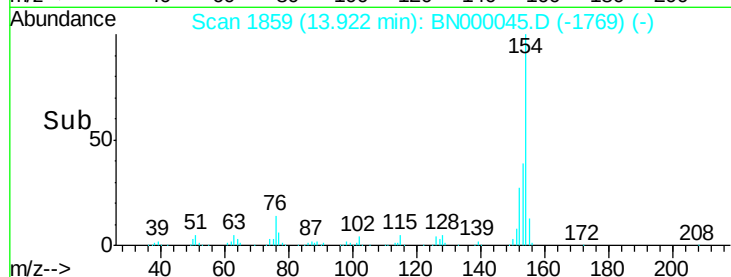
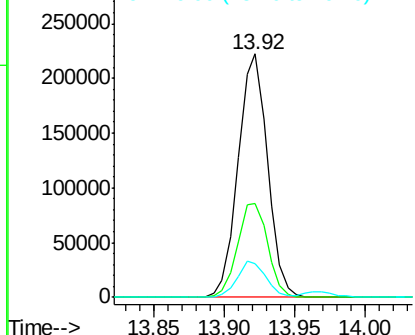
#45  
1,1'-Biphenyl  
Concen: 3.54 ng  
RT: 13.92 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.6  | 19.8  | 59.8  |
| 76      | 13.9  | 0.0   | 31.9  |

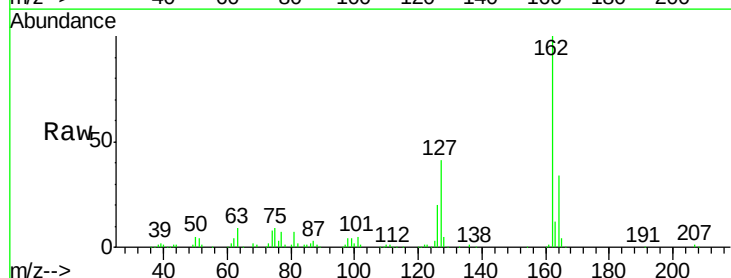


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BNC

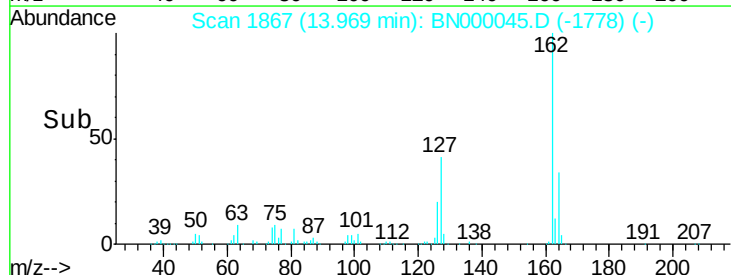
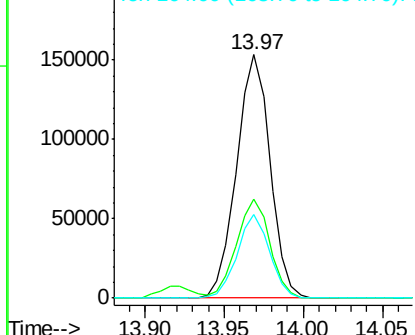


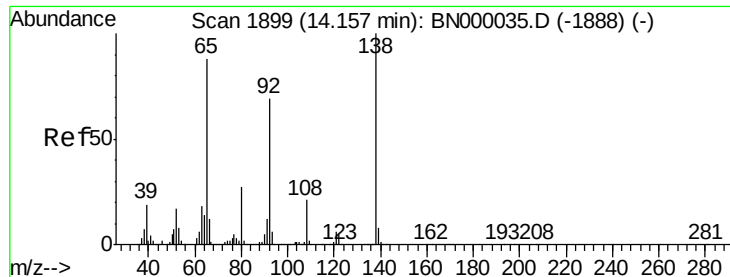
#46  
2-Chloronaphthalene  
Concen: 3.28 ng  
RT: 13.97 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 30.7  | 46.1  |
| 164     | 34.1  | 26.0  | 39.0  |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

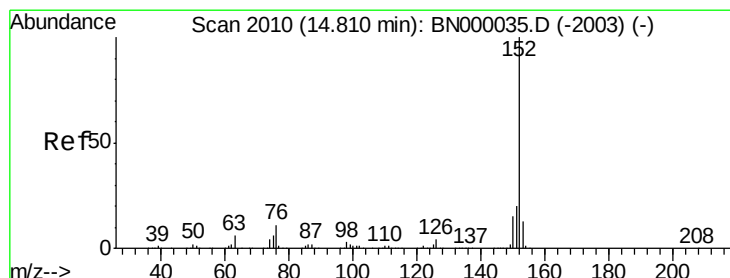
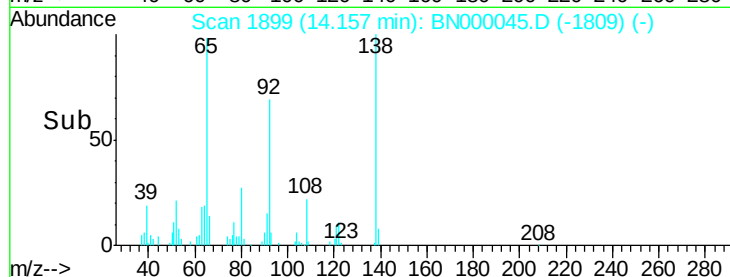
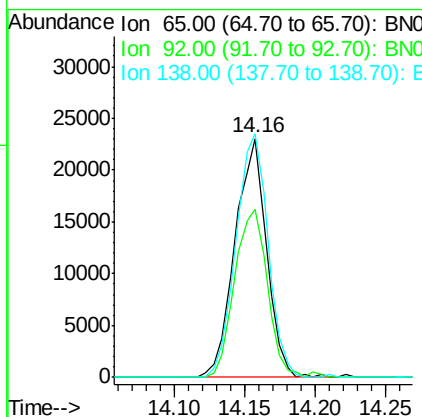
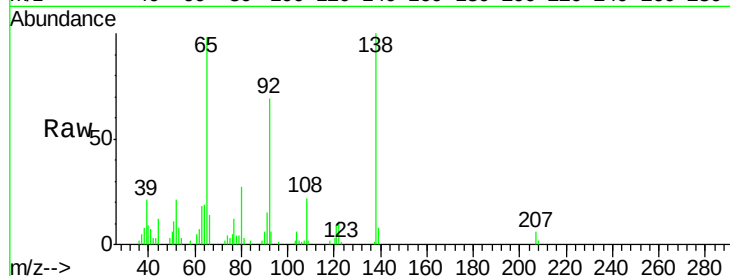




#47  
2-Nitroaniline  
Concen: 6.48 ng  
RT: 14.16 min Scan# 1899  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

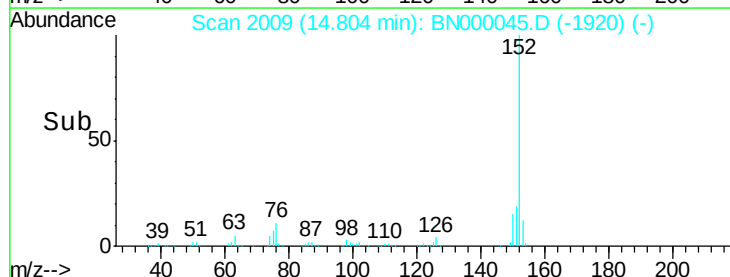
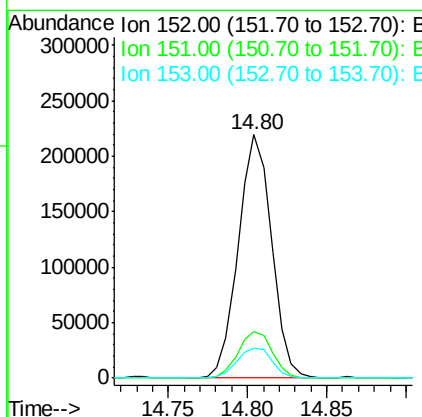
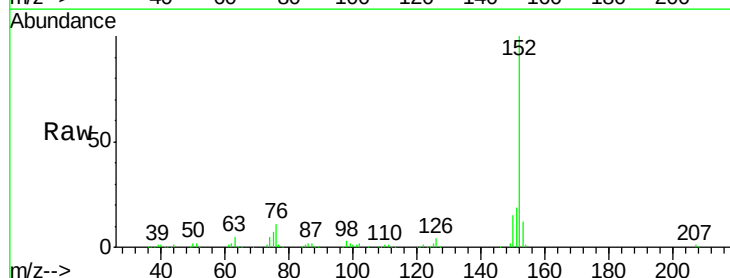
Instrument :  
BNA\_N  
ClientSampled :

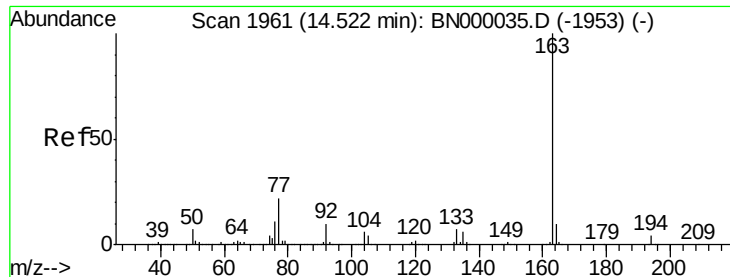
Tot Ion: 65 Resp: 35928  
Ion Ratio Lower Upper  
65 100  
92 70.1 54.6 82.0  
138 101.9 72.9 109.3



#48  
Acenaphthylene  
Concen: 2.90 ng  
RT: 14.80 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion: 152 Resp: 321032  
Ion Ratio Lower Upper  
152 100  
151 19.0 17.2 25.8  
153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 3.15 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

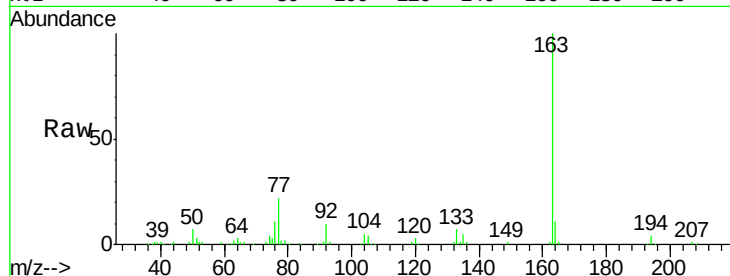
Tot Ion:163 Resp: 273637

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

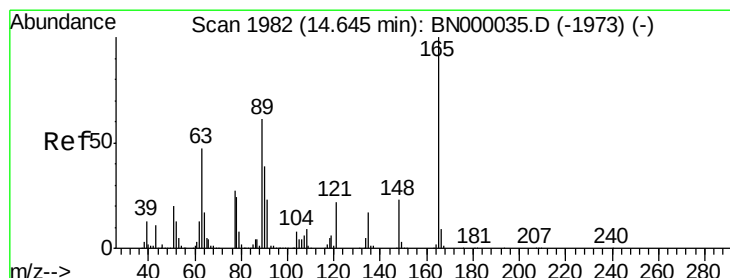
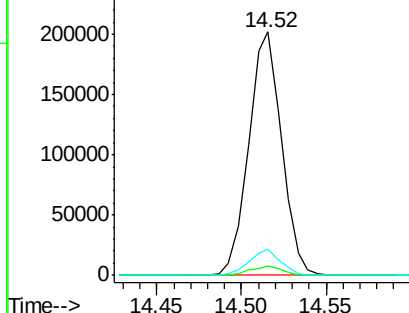
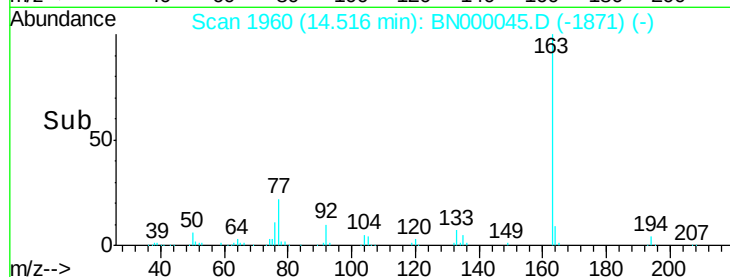
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.10 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

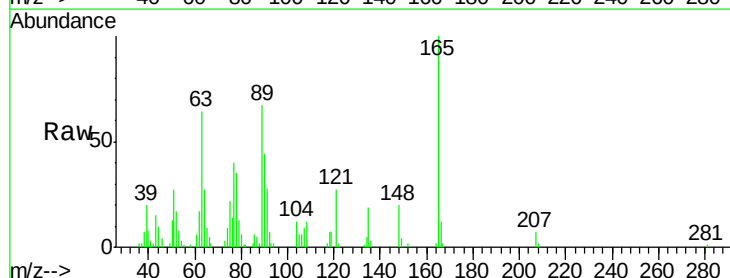
Tgt Ion:165 Resp: 37651

Ion Ratio Lower Upper

165 100

63 64.0 52.7 79.1

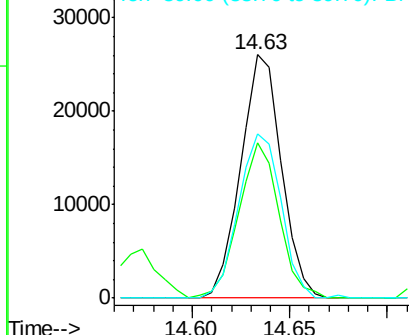
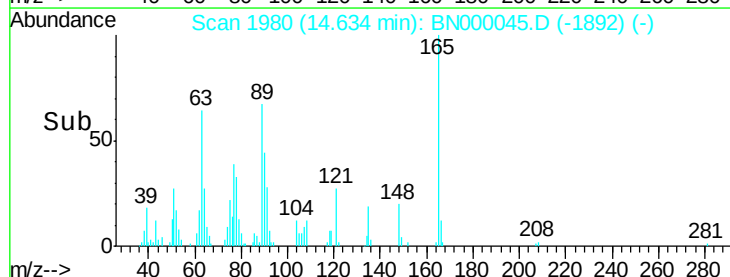
89 67.3 49.2 73.8

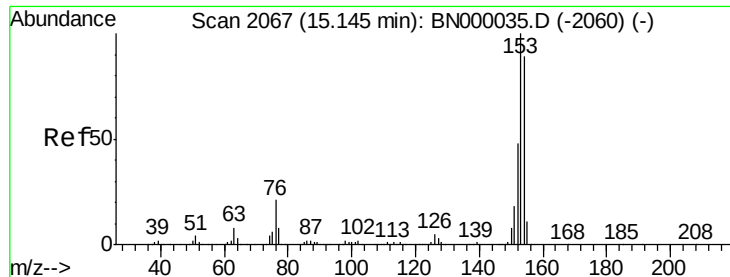


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 3.23 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

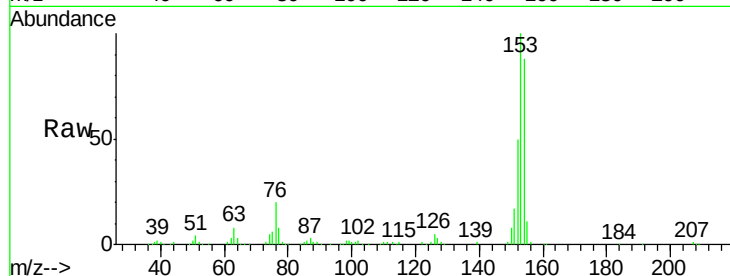
Tot Ion:154 Resp: 232059

Ion Ratio Lower Upper

154 100

153 114.2 90.4 135.6

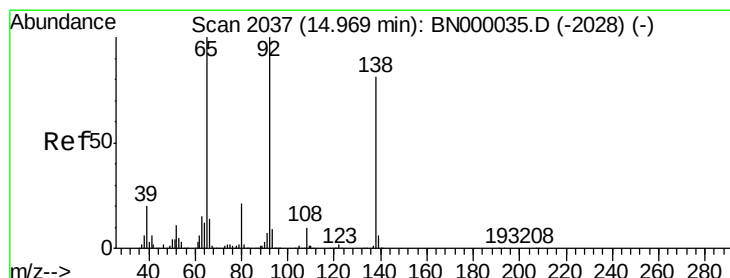
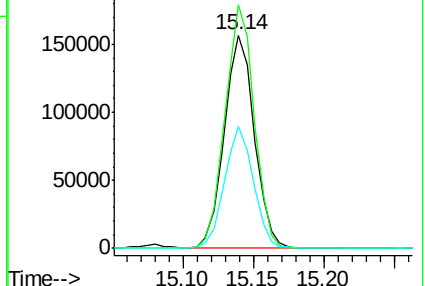
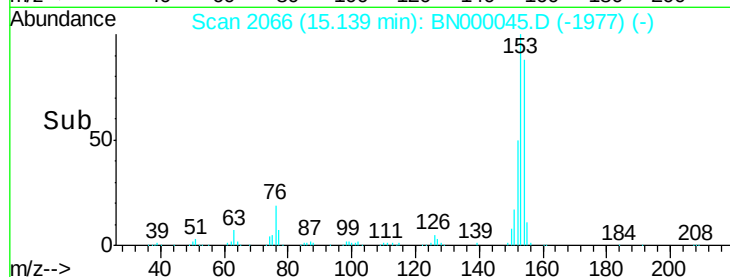
152 57.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.05 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

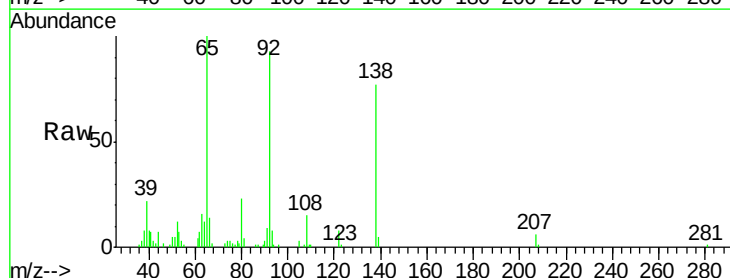
Tgt Ion:138 Resp: 44539

Ion Ratio Lower Upper

138 100

108 19.1 17.5 26.3

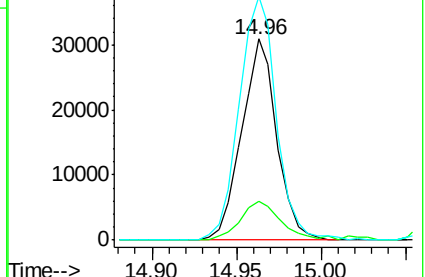
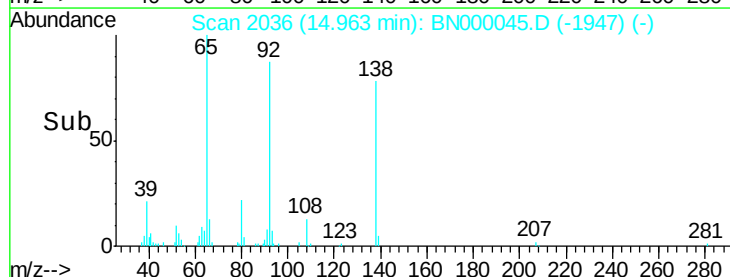
92 121.0 105.8 158.8

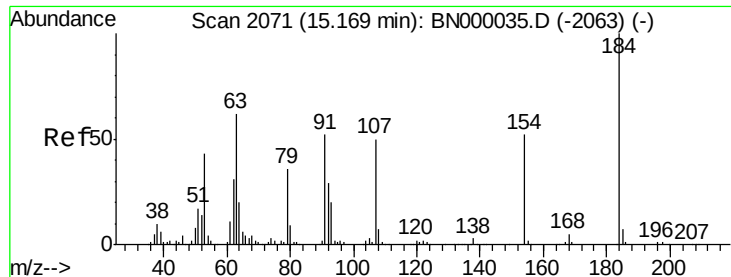


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

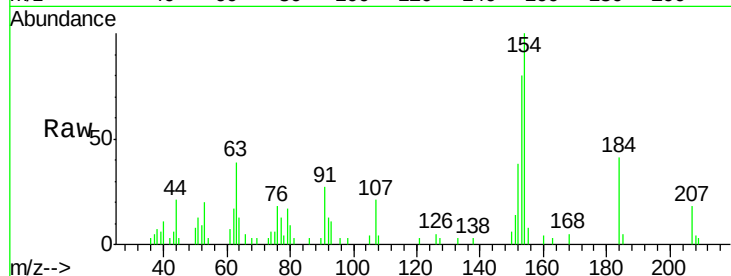




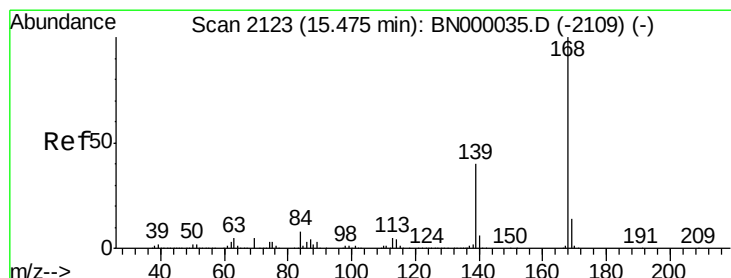
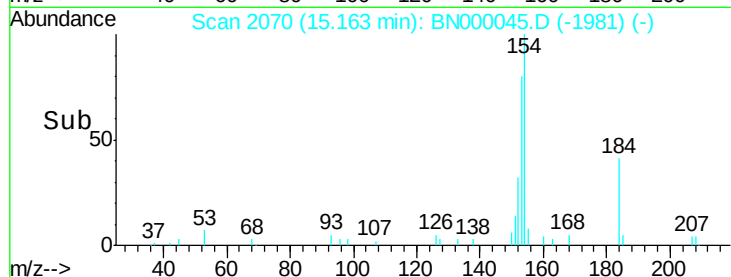
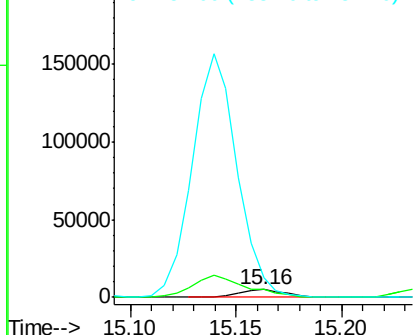
#53  
2,4-Dinitrophenol  
Concen: 10.29 ng  
RT: 15.16 min Scan# 2070  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:184 Resp: 7661  
Ion Ratio Lower Upper  
184 100  
63 96.1 80.0 120.0  
154 245.6 308.0 462.0#

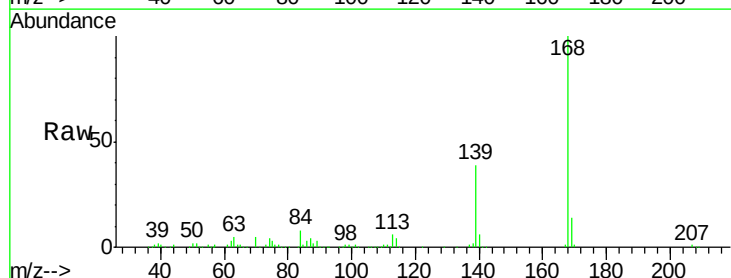


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 154.00 (153.70 to 154.70): E

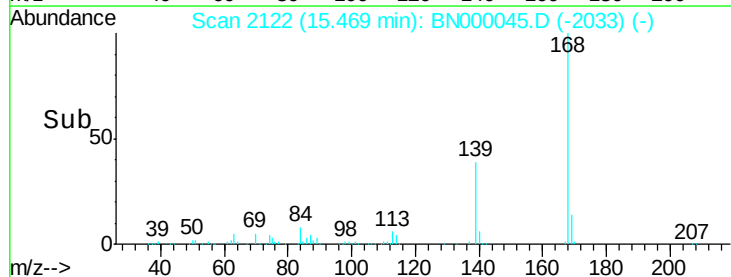
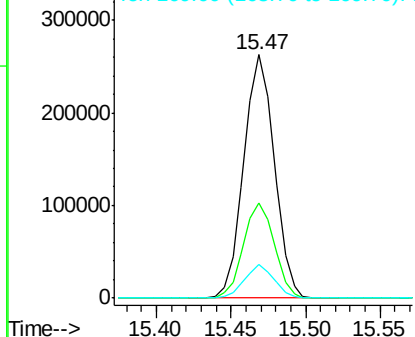


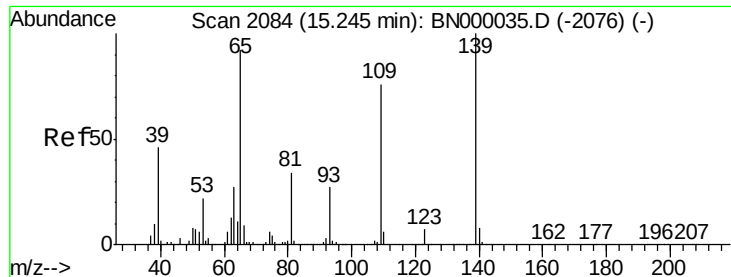
#54  
Dibenzofuran  
Concen: 3.65 ng  
RT: 15.47 min Scan# 2122  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:168 Resp: 371416  
Ion Ratio Lower Upper  
168 100  
139 38.9 28.6 43.0  
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

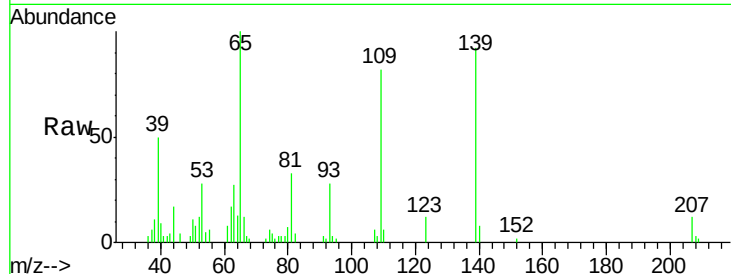




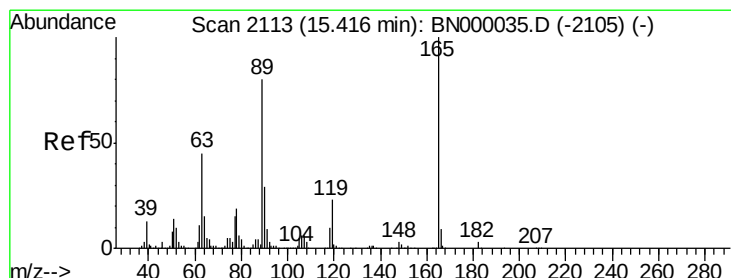
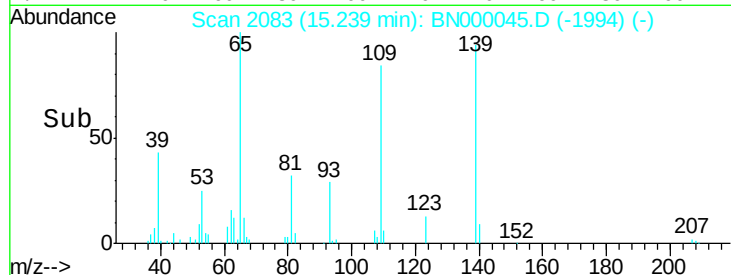
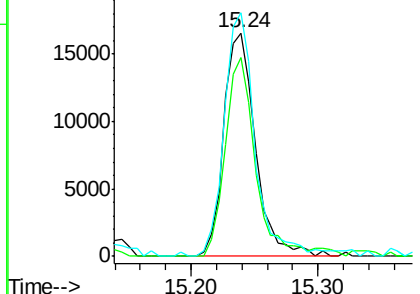
#55  
4-Nitrophenol  
Concen: 6.48 ng  
RT: 15.24 min Scan# 2083  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:139 Resp: 28632  
Ion Ratio Lower Upper  
139 100  
109 89.1 62.2 102.2  
65 108.9 97.2 137.2

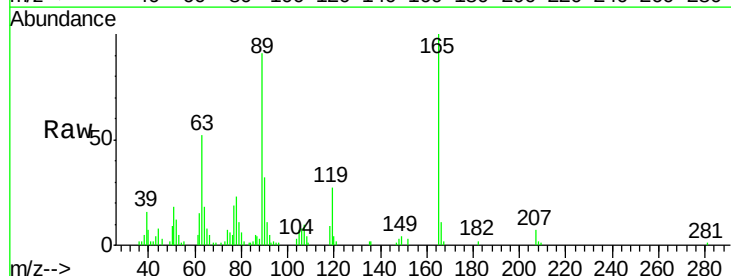


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BNC

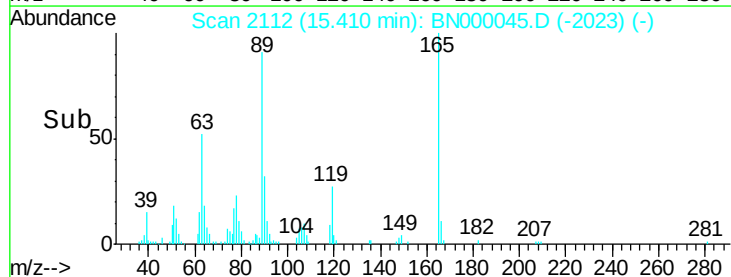
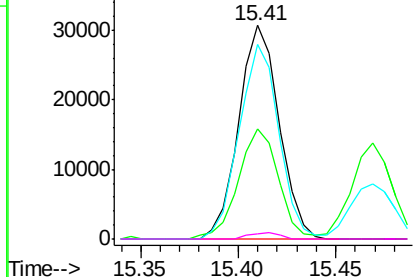


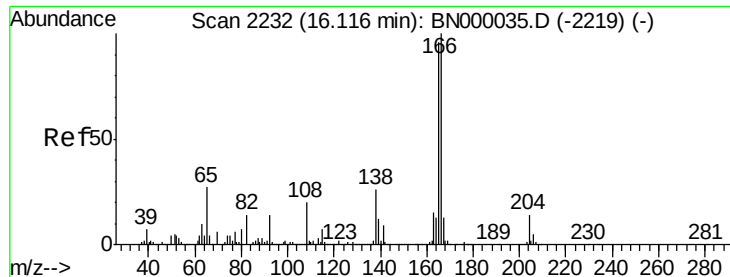
#56  
2,4-Dinitrotoluene  
Concen: 5.75 ng  
RT: 15.41 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:165 Resp: 44118  
Ion Ratio Lower Upper  
165 100  
63 51.5 42.0 63.0  
89 90.9 66.9 100.3  
182 2.3 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BNC  
Ion 89.00 (88.70 to 89.70): BNC  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.51 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

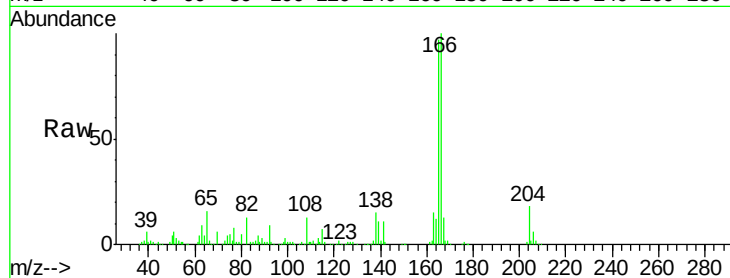
Tot Ion:166 Resp: 292044

Ion Ratio Lower Upper

166 100

165 96.8 80.6 121.0

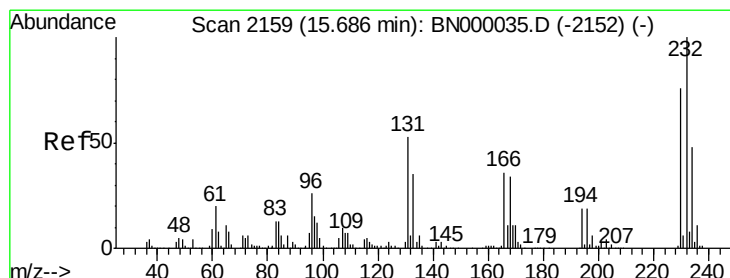
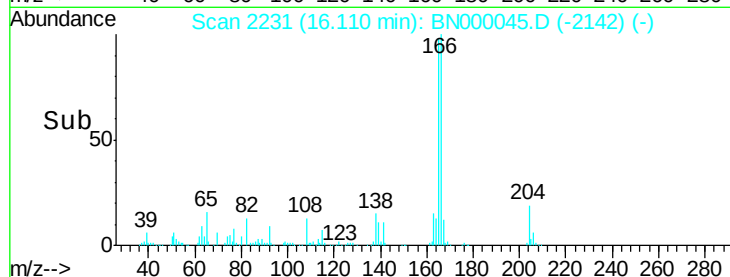
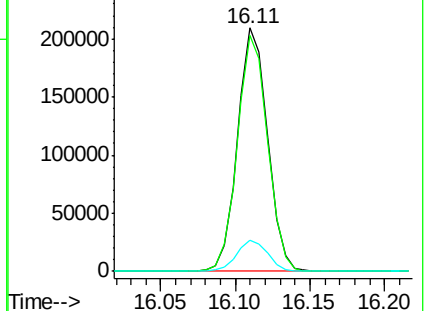
167 12.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.13 ng

RT: 15.60 min Scan# 2145

Delta R.T. -0.08 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Tgt Ion:232 Resp: 37134

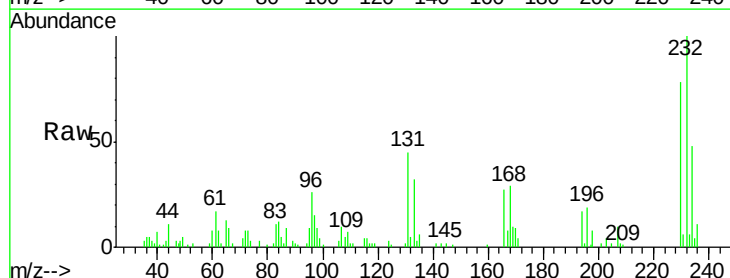
Ion Ratio Lower Upper

232 100

131 50.2 33.5 50.3

130 2.6 2.2 3.2

166 29.3 24.8 37.2

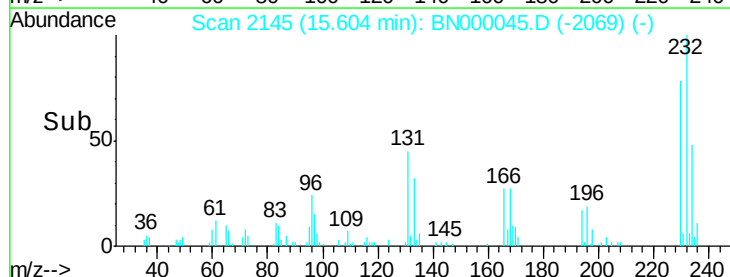
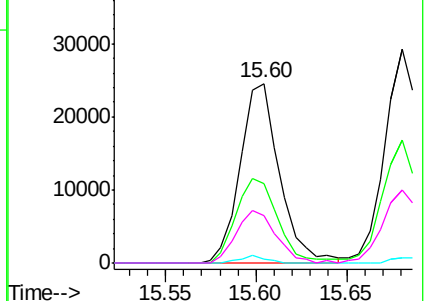


Abundance Ion 232.00 (231.70 to 232.70): E

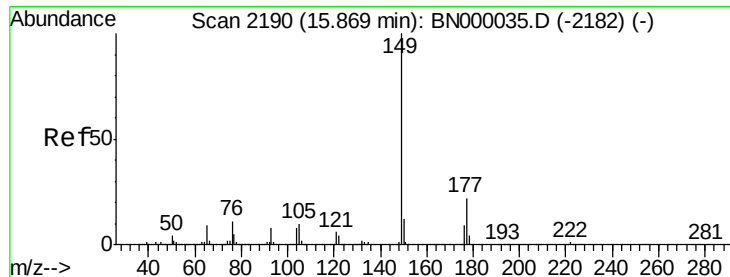
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 3.12 ng

RT: 15.86 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

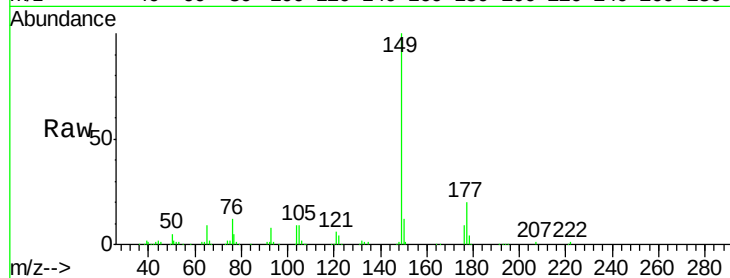
Tot Ion:149 Resp: 274786

Ion Ratio Lower Upper

149 100

177 20.2 18.5 27.7

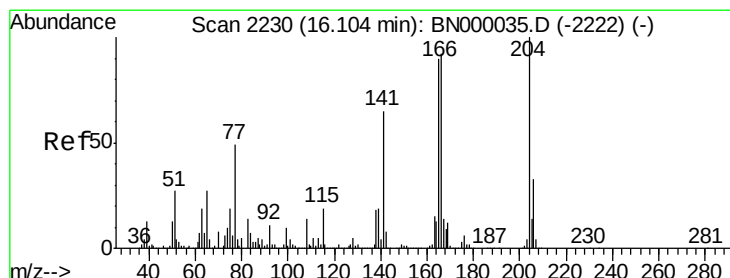
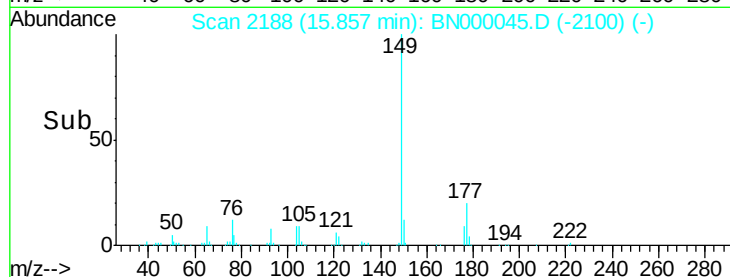
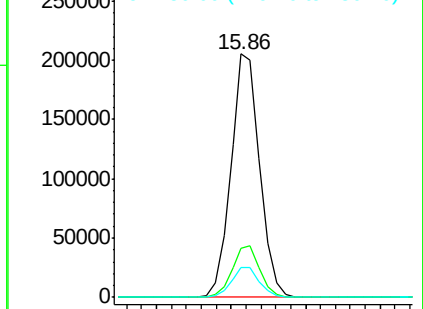
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.59 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

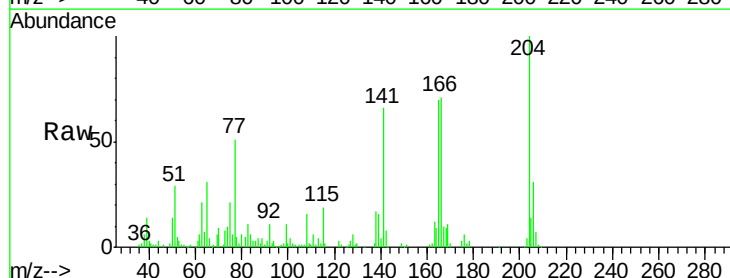
Tgt Ion:204 Resp: 136196

Ion Ratio Lower Upper

204 100

206 31.3 26.2 39.2

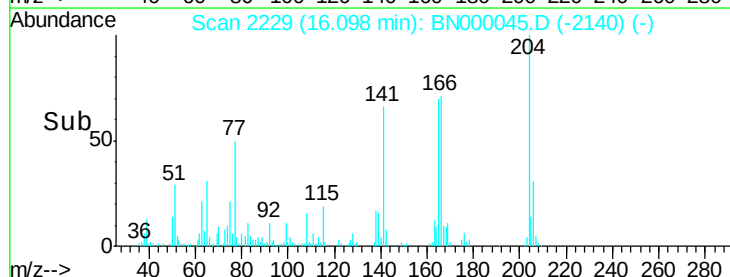
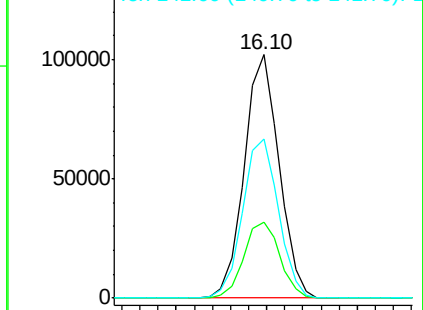
141 65.6 45.8 68.6

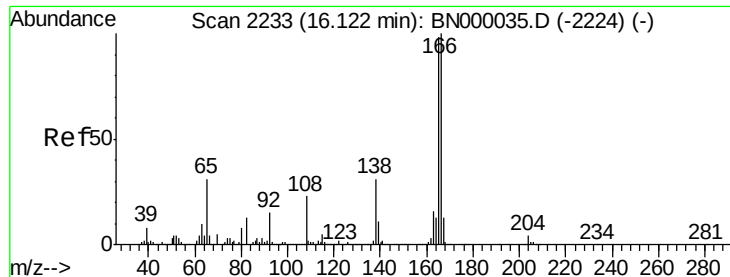


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

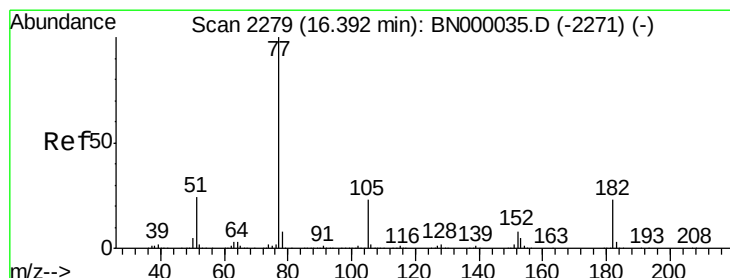
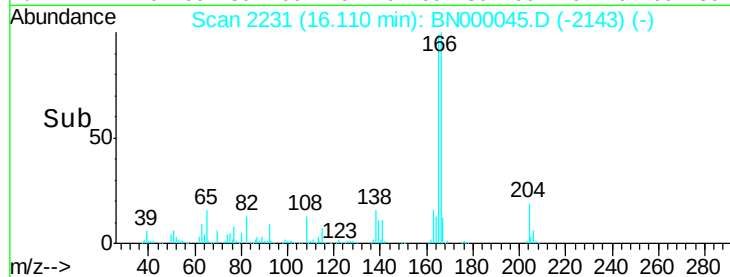
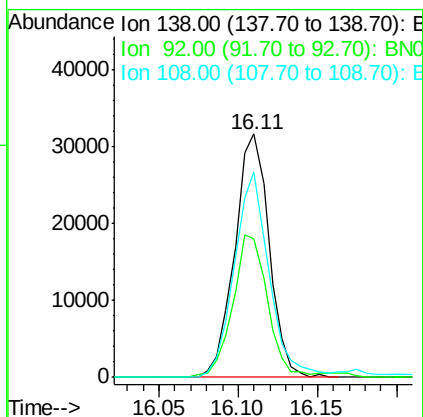
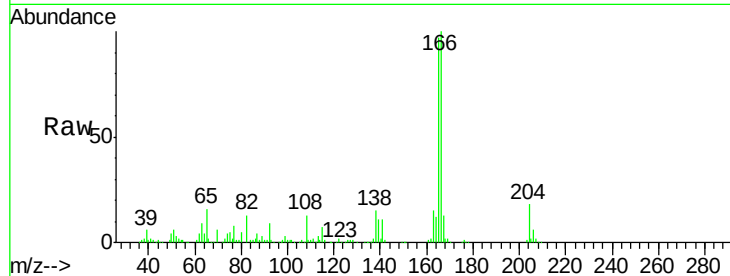




#61  
4-Nitroaniline  
Concen: 2.13 ng  
RT: 16.11 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

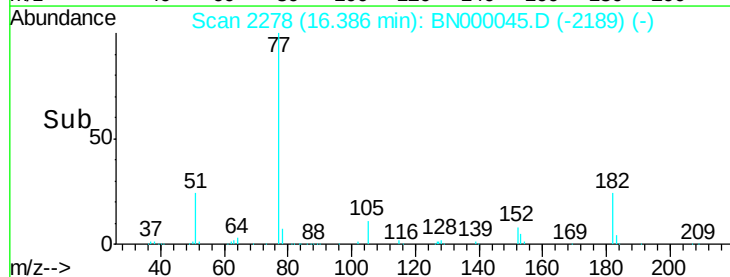
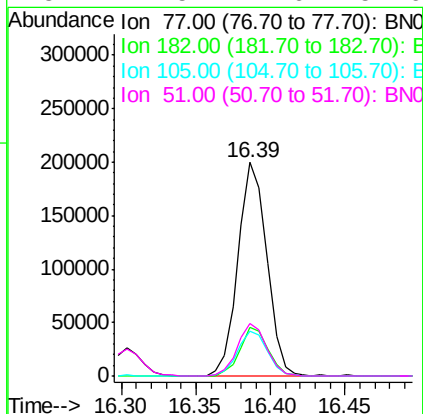
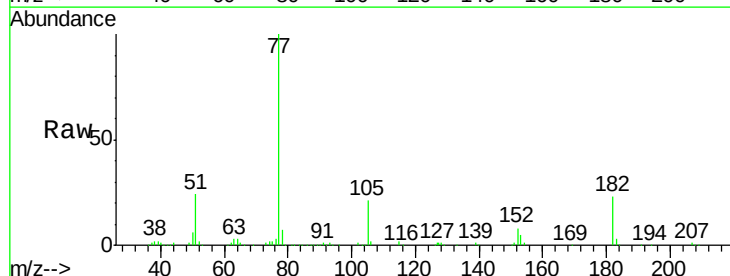
Instrument :  
BNA\_N  
ClientSampleId :

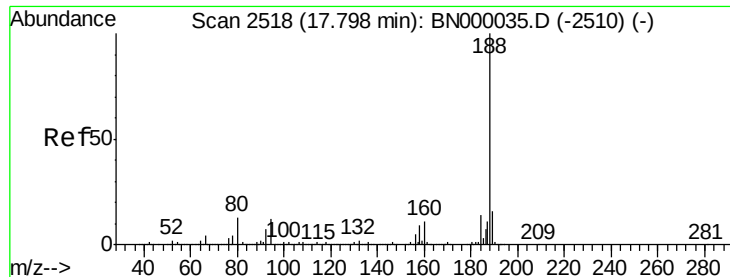
Tot Ion:138 Resp: 47660  
Ion Ratio Lower Upper  
138 100  
92 56.8 40.1 80.1  
108 84.1 65.4 105.4



#62  
Azobenzene  
Concen: 3.07 ng  
RT: 16.39 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion: 77 Resp: 269482  
Ion Ratio Lower Upper  
77 100  
182 23.1 7.4 47.4  
105 21.3 0.3 40.3  
51 24.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.80 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

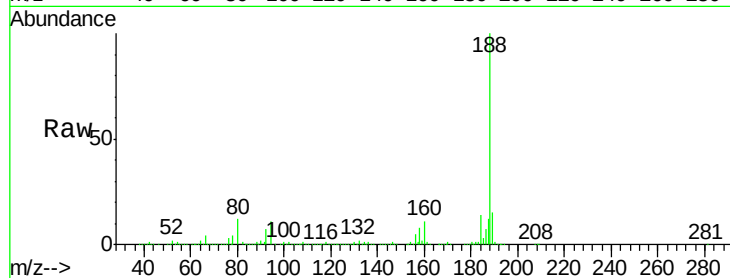
Tot Ion:188 Resp: 2470510

Ion Ratio Lower Upper

188 100

94 11.4 6.9 10.3#

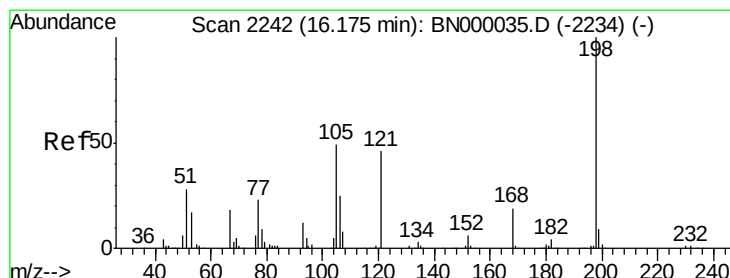
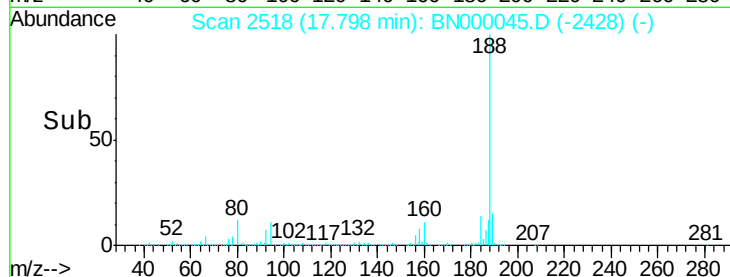
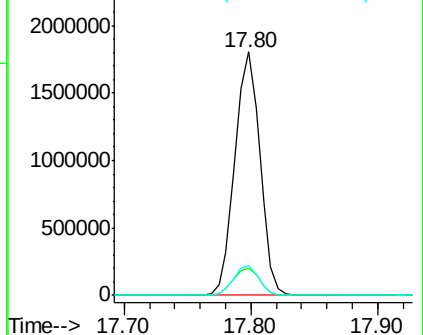
80 12.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.59 ng

RT: 16.16 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

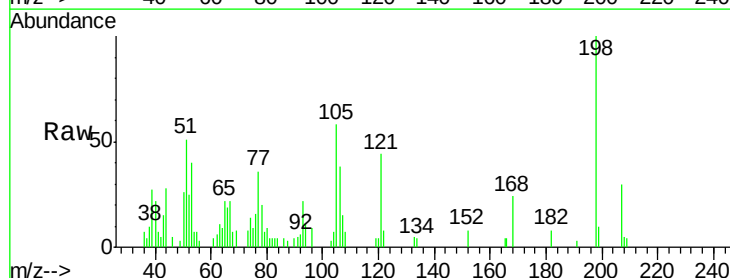
Tgt Ion:198 Resp: 12682

Ion Ratio Lower Upper

198 100

51 50.6 30.6 70.6

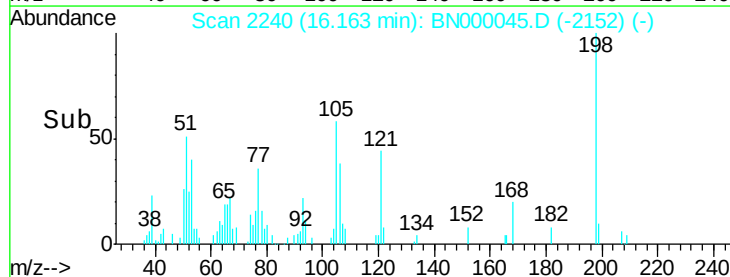
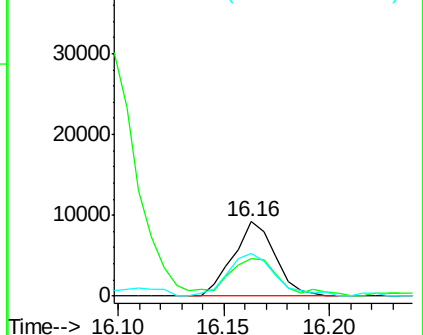
105 57.5 23.8 63.8

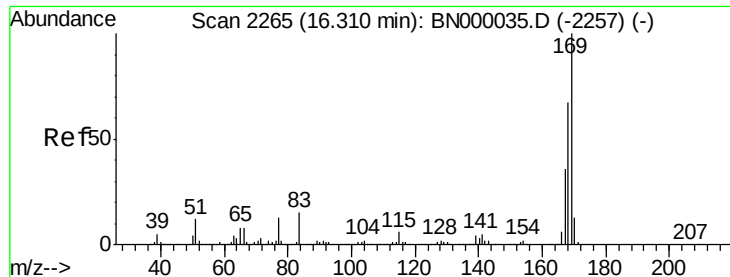


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

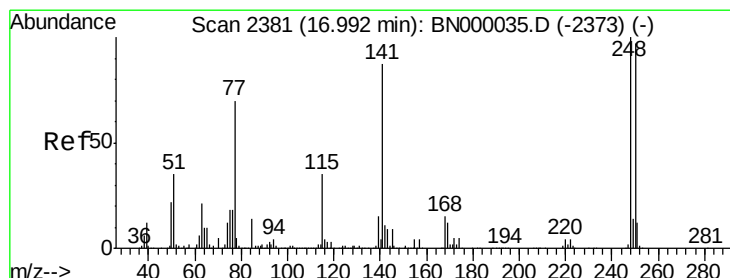
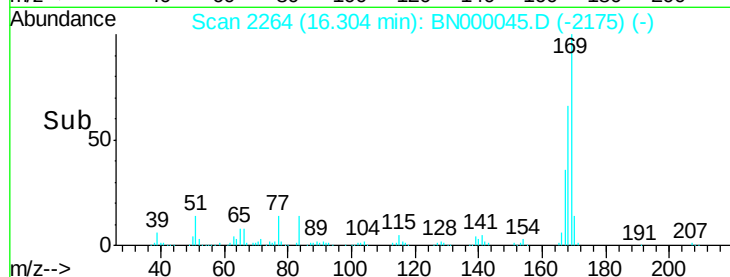
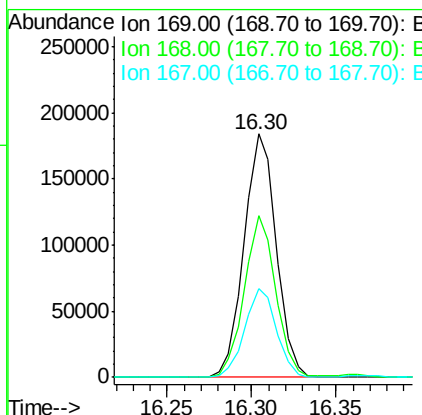
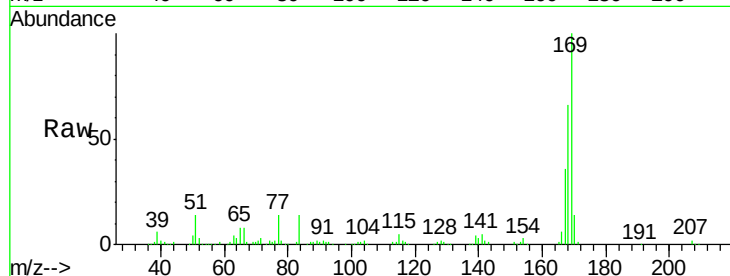




#65  
n-Nitrosodiphenylamine  
Concen: 3.05 ng  
RT: 16.30 min Scan# 2264  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

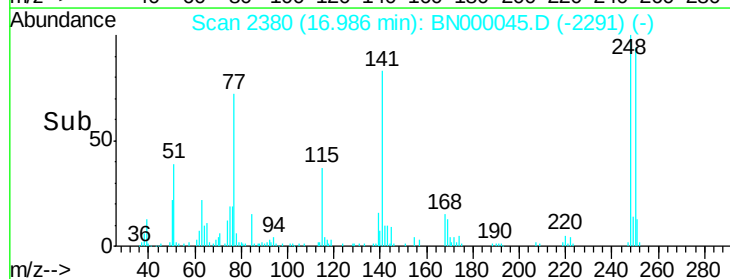
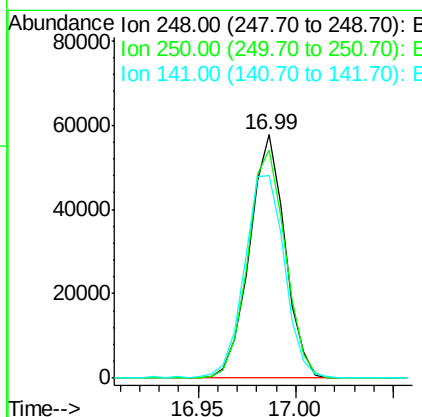
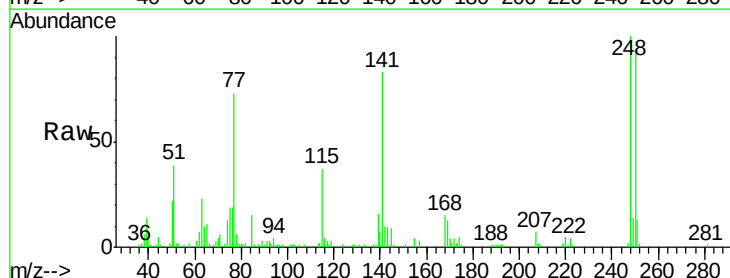
Instrument :  
BNA\_N  
ClientSampled :

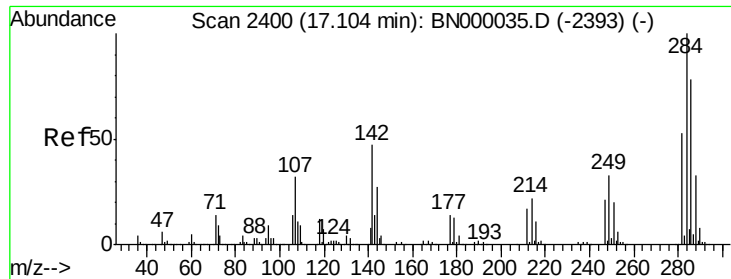
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.2  | 55.7  | 83.5  |
| 167     | 36.3  | 30.1  | 45.1  |



#66  
4-Bromophenyl-phenylether  
Concen: 3.09 ng  
RT: 16.99 min Scan# 2380  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.8  | 77.1  | 115.7 |
| 141     | 83.4  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 3.08 ng

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

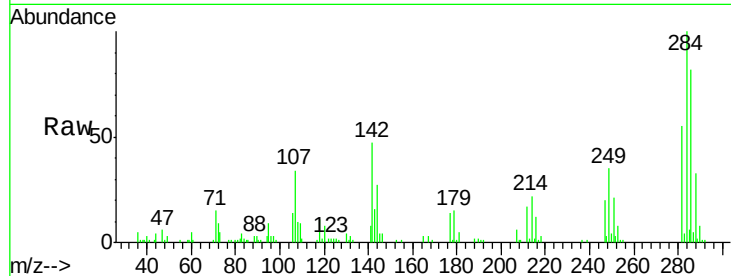
Tot Ion:284 Resp: 84476

Ion Ratio Lower Upper

284 100

142 46.9 26.8 40.2#

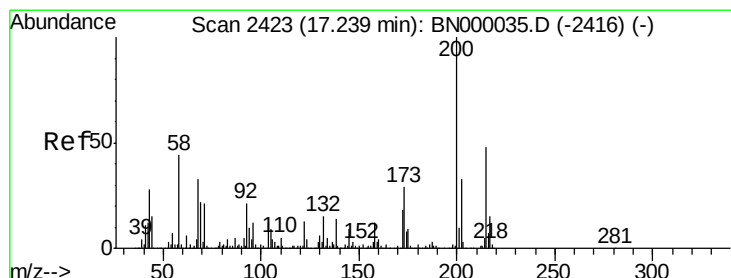
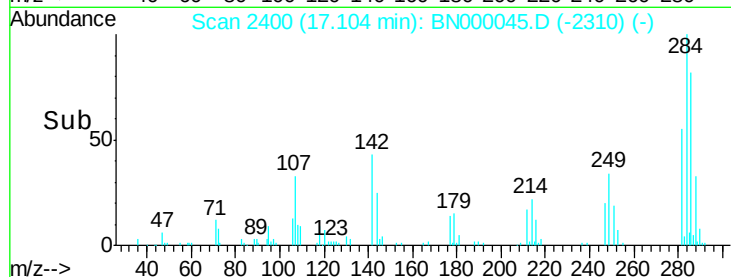
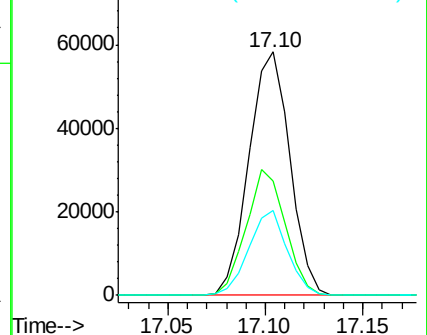
249 35.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.37 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

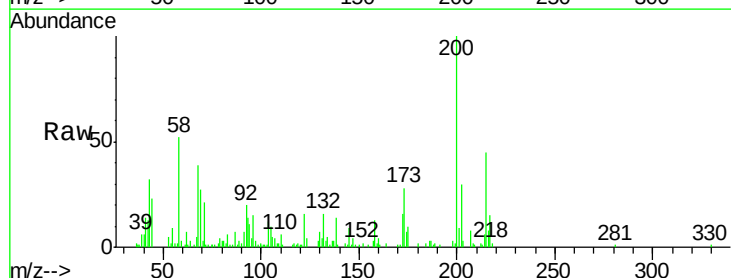
Tgt Ion:200 Resp: 62094

Ion Ratio Lower Upper

200 100

173 28.4 5.2 45.2

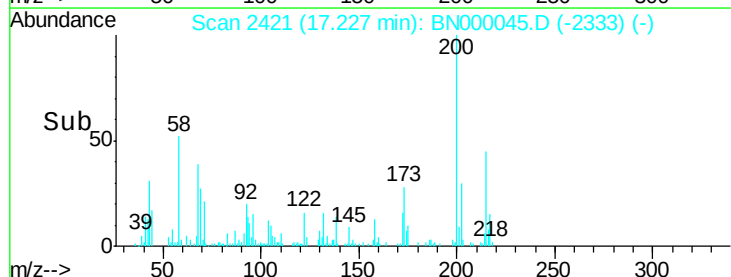
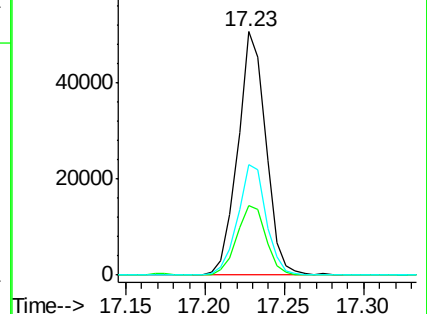
215 45.3 30.4 70.4

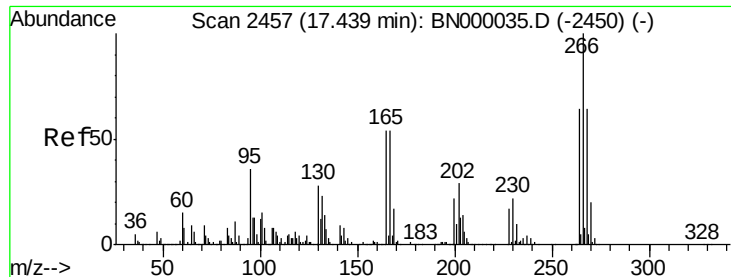


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 7.18 ng

RT: 17.43 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

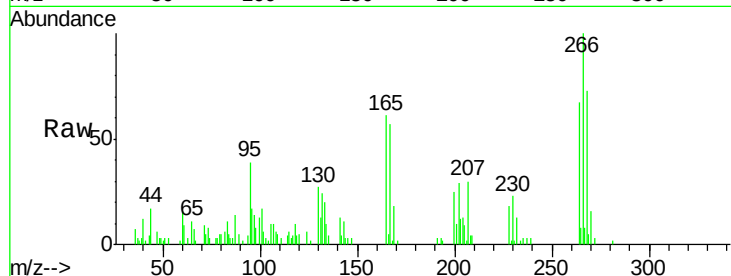
Tot Ion:266 Resp: 27564

Ion Ratio Lower Upper

266 100

268 72.8 51.1 76.7

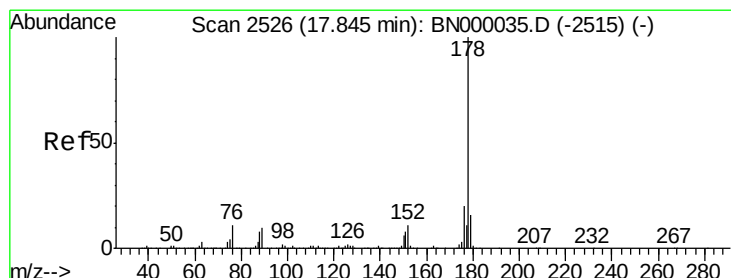
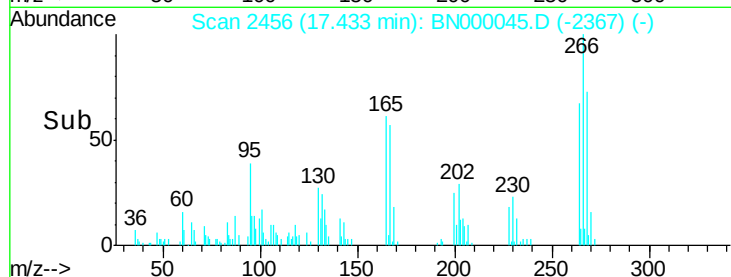
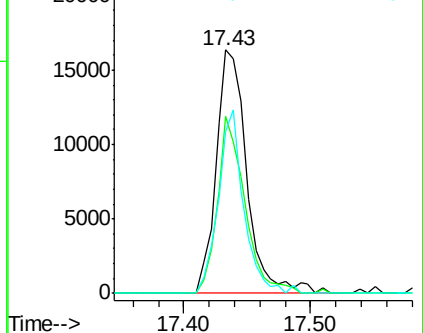
264 66.6 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.51 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

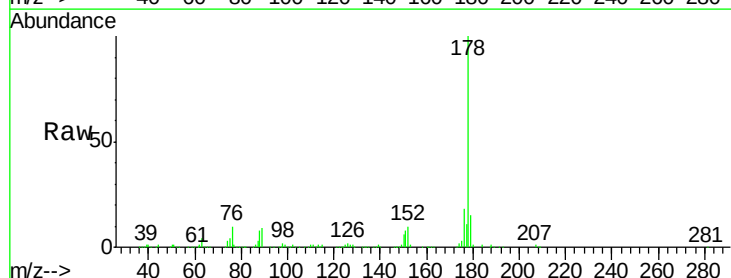
Tgt Ion:178 Resp: 512209

Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

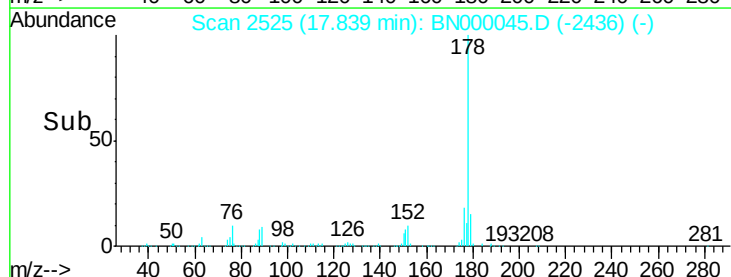
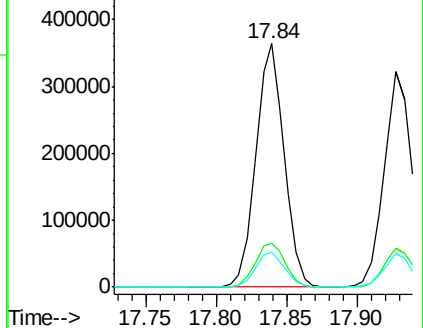
179 14.6 12.5 18.7

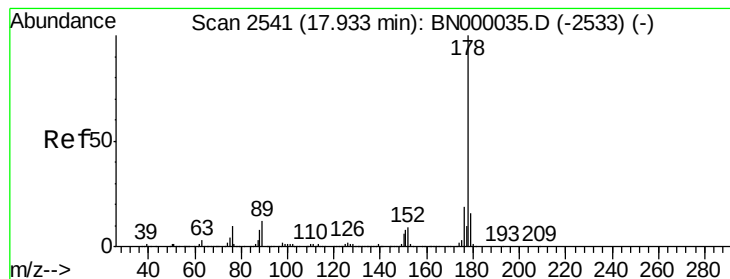


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.17 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

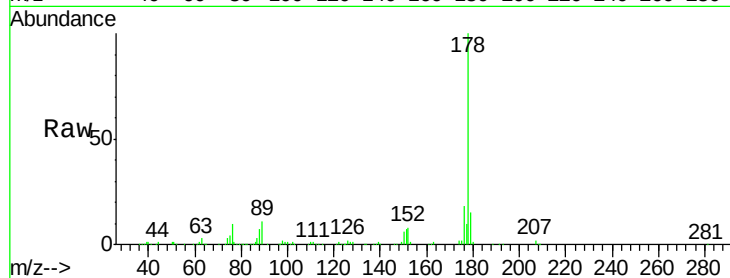
Tot Ion:178 Resp: 448471

Ion Ratio Lower Upper

178 100

176 17.8 16.0 24.0

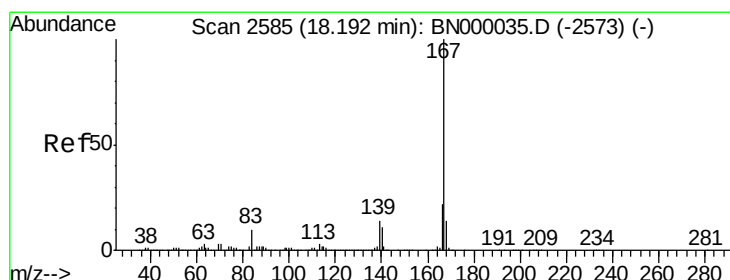
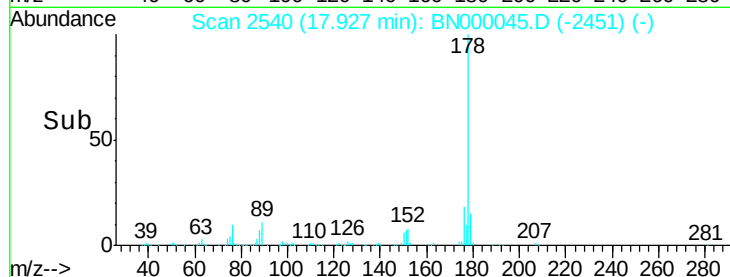
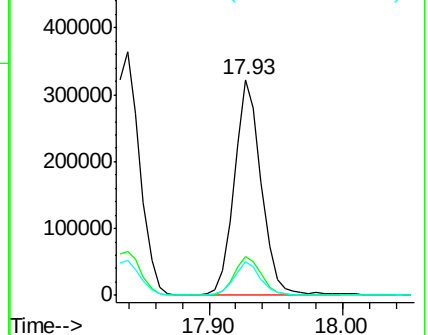
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.05 ng

RT: 18.19 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

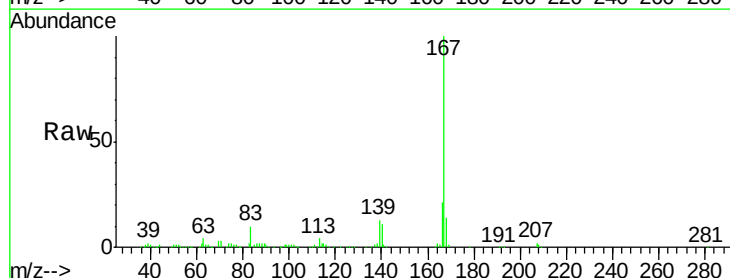
Tgt Ion:167 Resp: 434636

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.4

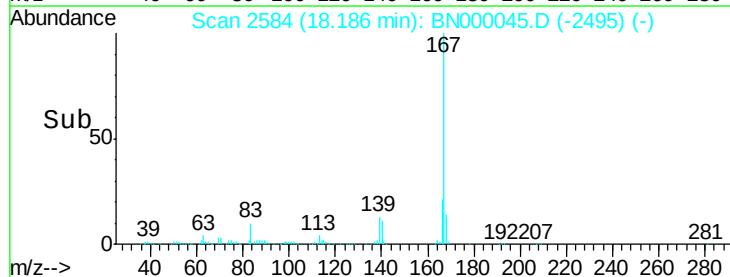
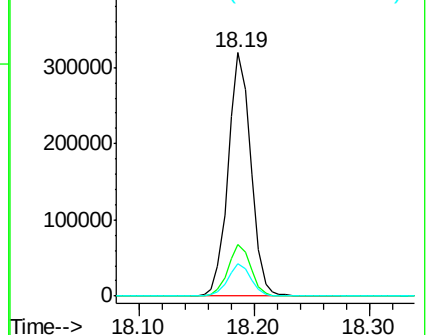
139 13.3 9.4 14.2

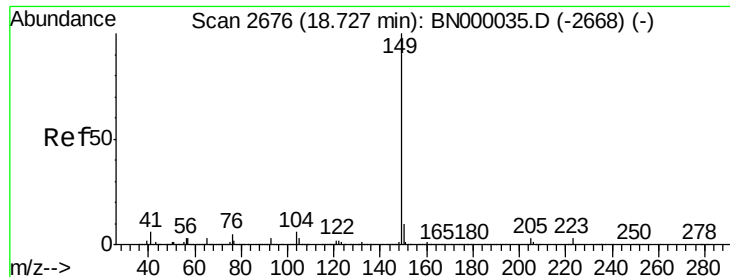


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.17 ng

RT: 18.72 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

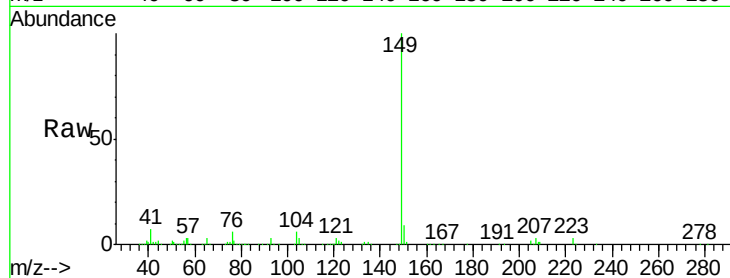
Tot Ion:149 Resp: 341477

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

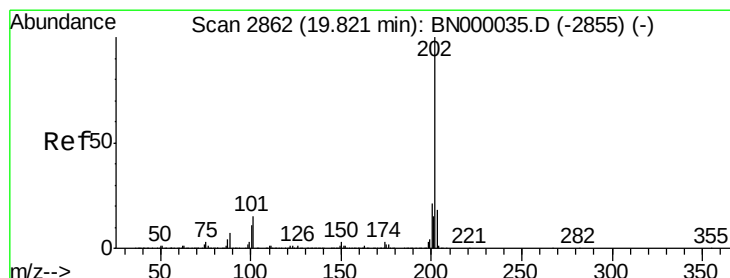
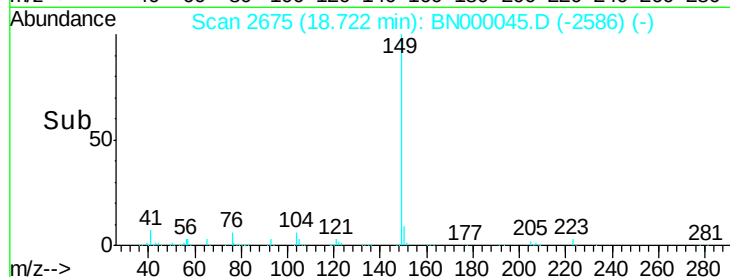
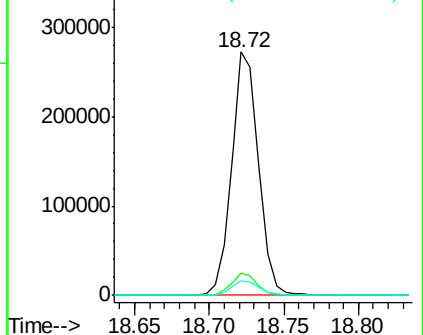
104 5.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.29 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

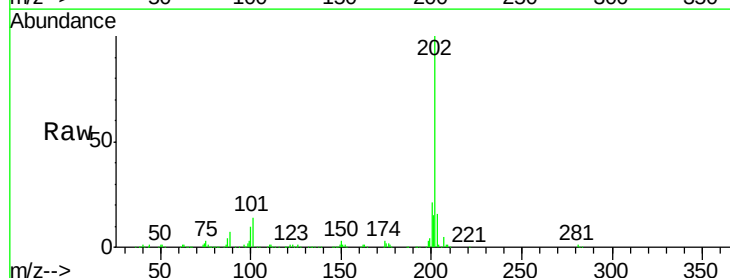
Tgt Ion:202 Resp: 503683

Ion Ratio Lower Upper

202 100

101 13.7 0.0 28.9

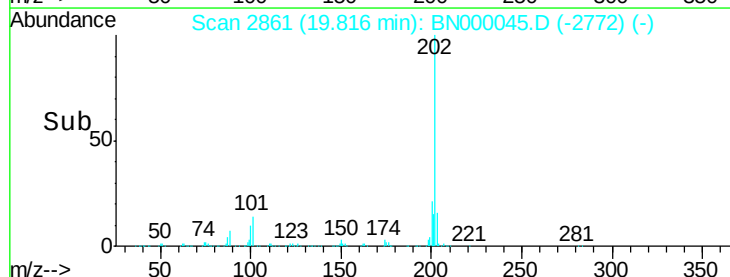
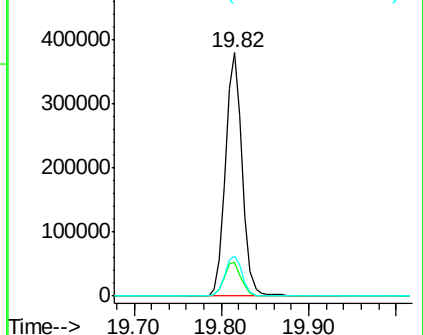
203 16.4 0.0 37.5



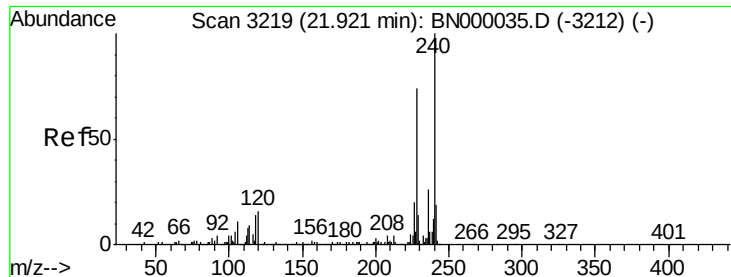
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



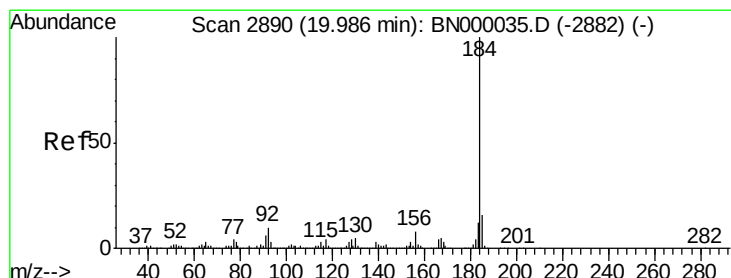
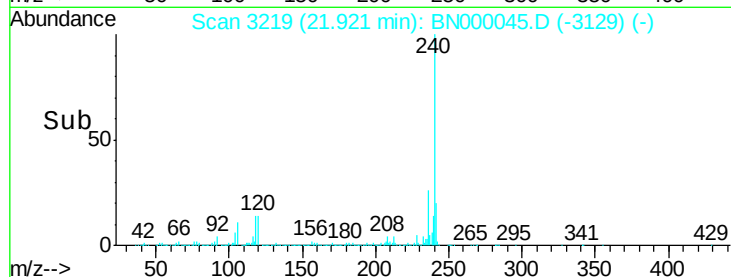
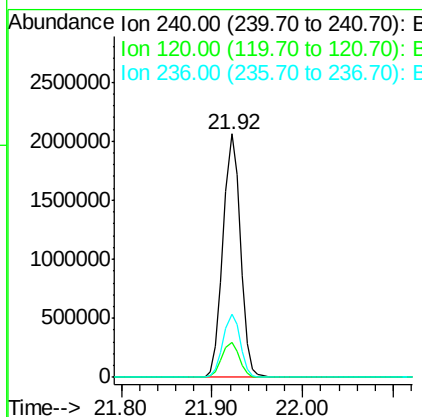
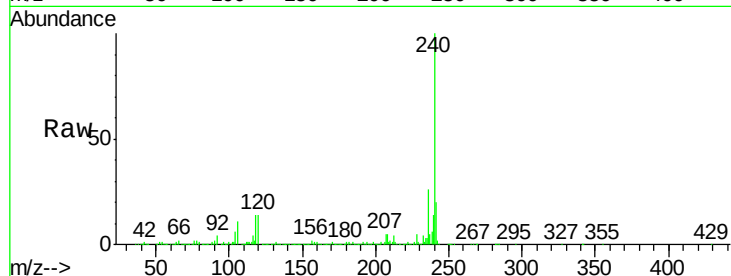




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.92 min Scan# 3219  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

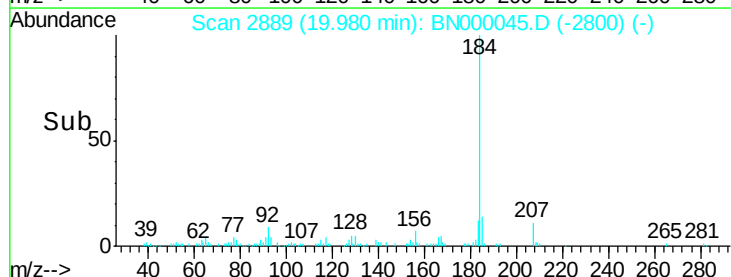
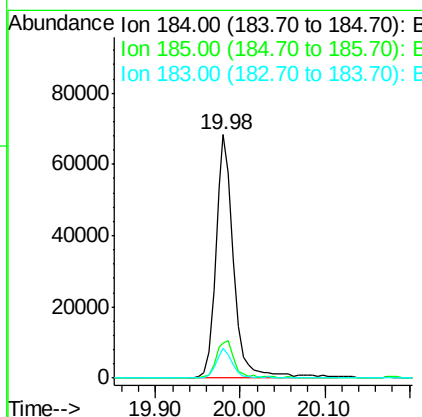
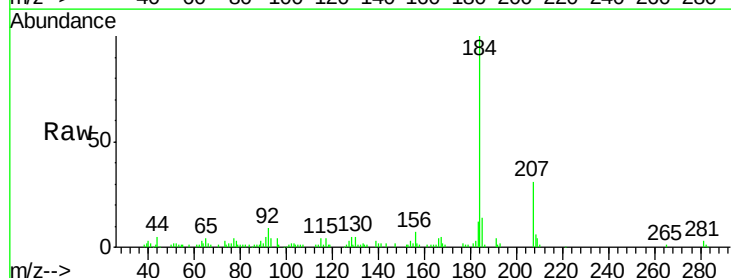
Instrument :  
BNA\_N  
ClientSampleId :

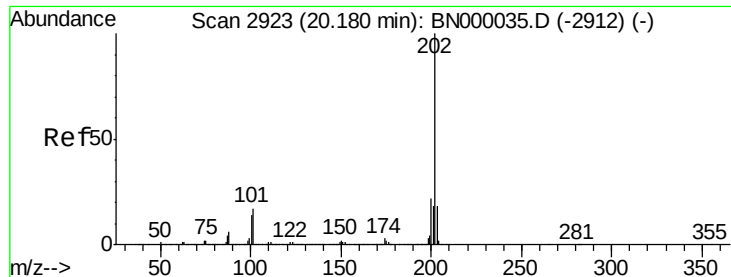
Tot Ion:240 Resp: 2744934  
Ion Ratio Lower Upper  
240 100  
120 14.1 6.8 10.2#  
236 25.7 20.9 31.3



#76  
Benzidine  
Concen: 1.16 ng  
RT: 19.98 min Scan# 2889  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:184 Resp: 101703  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.1 16.7  
183 12.3 10.6 16.0





#77

Pvrene

Concen: 3.15 ng

RT: 20.17 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampled :

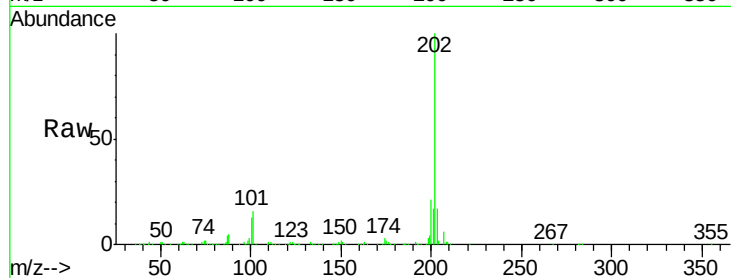
Tot Ion:202 Resp: 549511

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

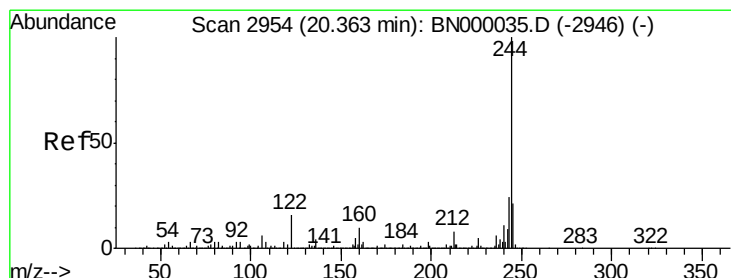
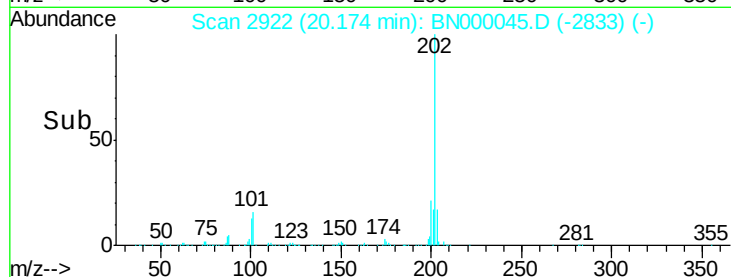
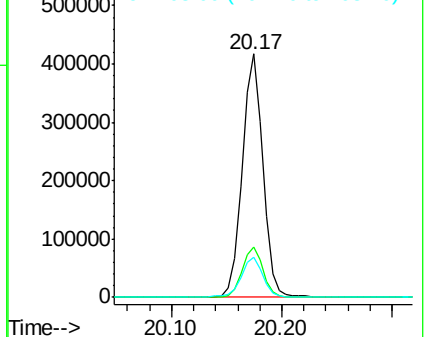
203 16.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.71 ng

RT: 20.36 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

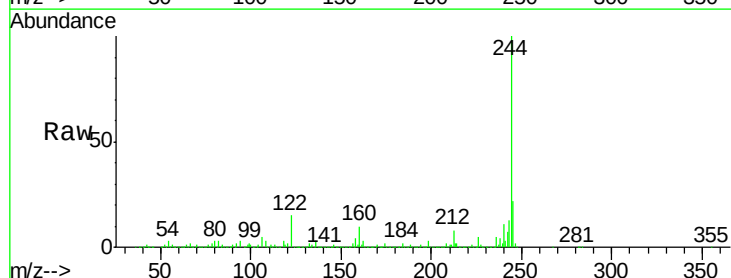
Tgt Ion:244 Resp: 9729394

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

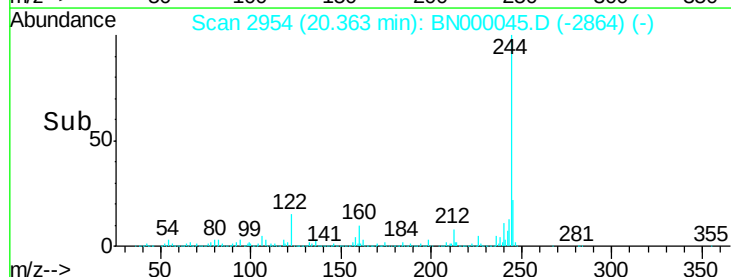
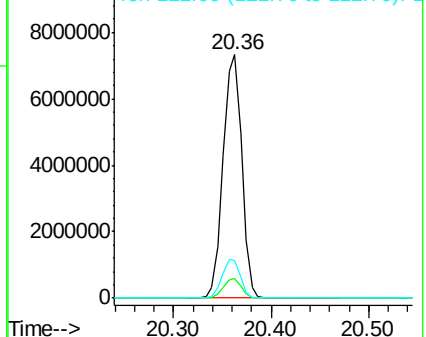
122 15.4 7.0 10.4#

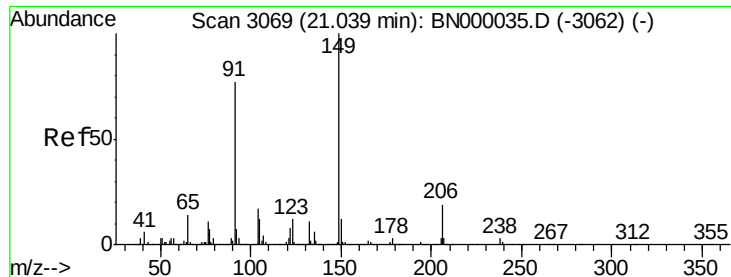


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

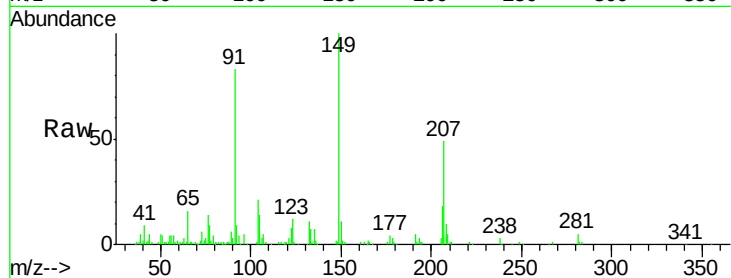




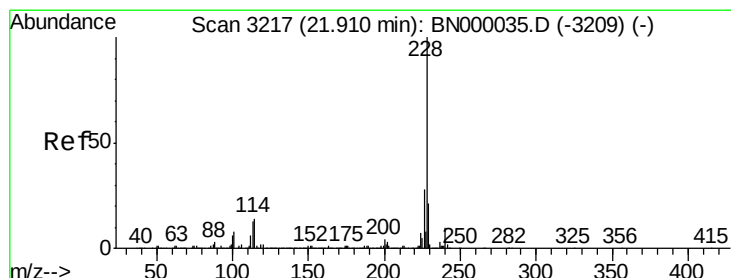
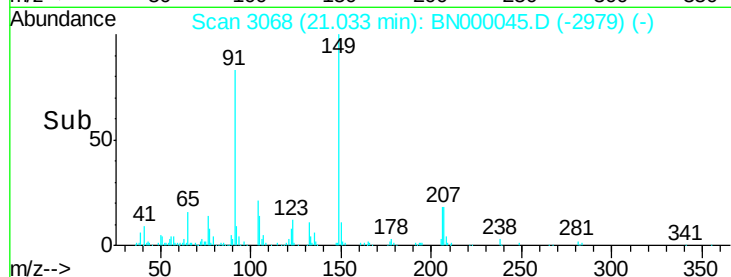
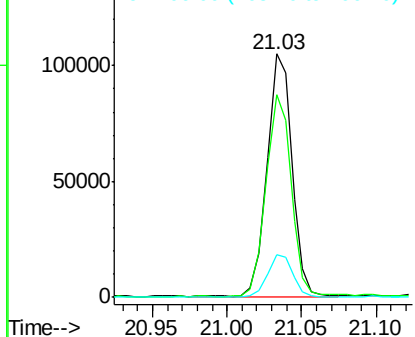
#79  
Butylbenzylphthalate  
Concen: 6.67 ng  
RT: 21.03 min Scan# 3068  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:149 Resp: 120642  
Ion Ratio Lower Upper  
149 100  
91 83.4 62.2 93.2  
206 17.7 18.6 27.8#

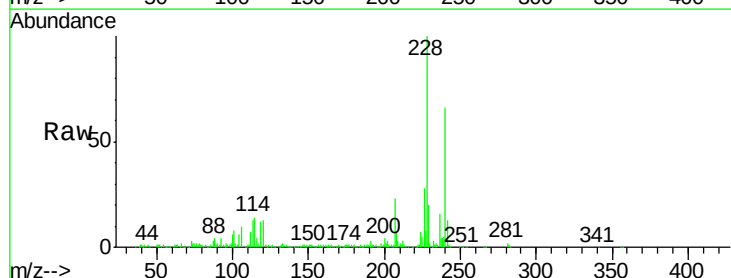


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BNO  
Ion 206.00 (205.70 to 206.70): E

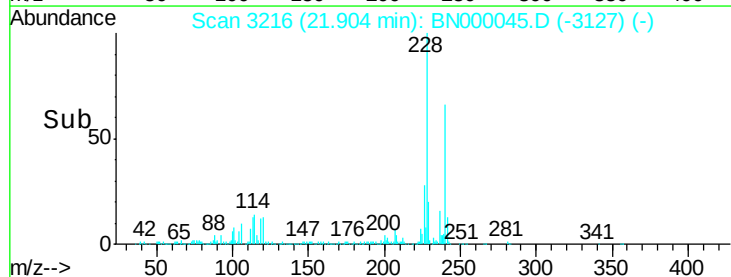
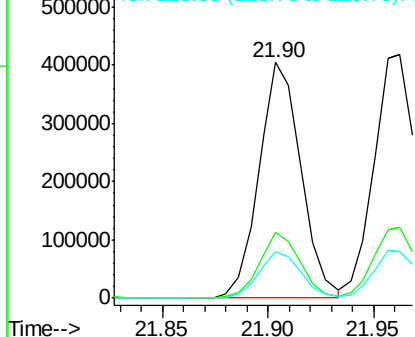


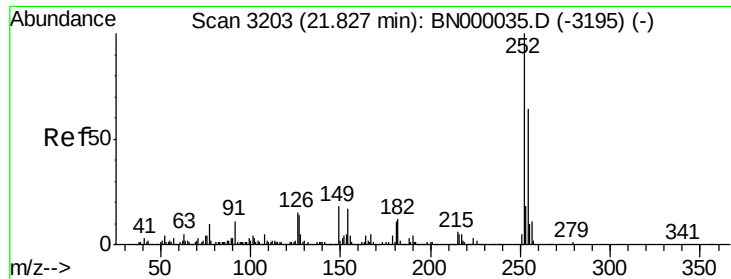
#80  
Benzo(a)anthracene  
Concen: 3.30 ng  
RT: 21.90 min Scan# 3216  
Delta R.T. -0.01 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

Tgt Ion:228 Resp: 557156  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.7 34.1  
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

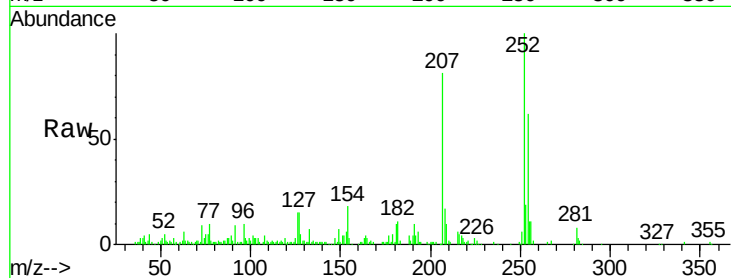




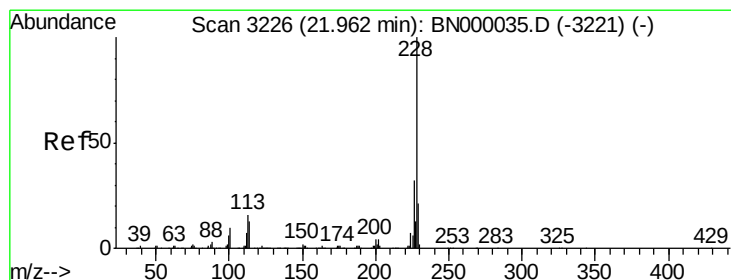
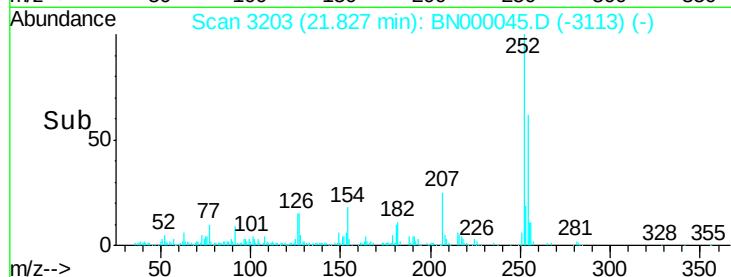
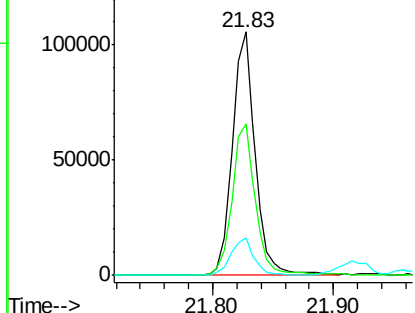
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.25 ng  
 RT: 21.83 min Scan# 3203  
 Delta R.T. 0.00 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:252 Resp: 139164  
 Ion Ratio Lower Upper  
 252 100  
 254 62.2 50.8 76.2  
 126 15.4 7.4 11.2#

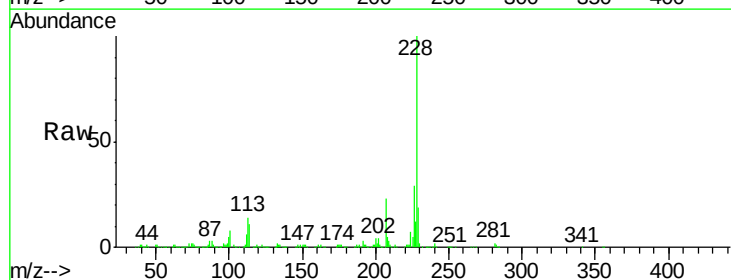


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

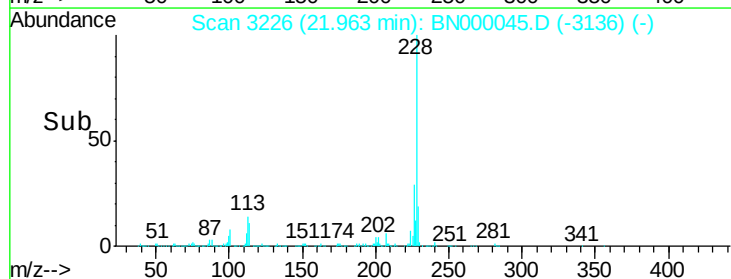
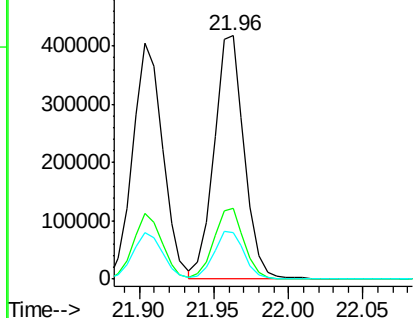


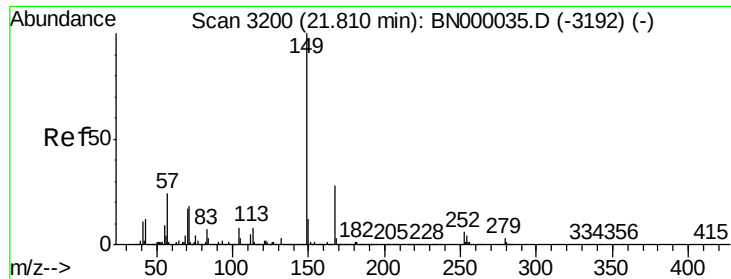
#82  
 Chrysene  
 Concen: 3.49 ng  
 RT: 21.96 min Scan# 3226  
 Delta R.T. 0.00 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:228 Resp: 587572  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 24.9 37.3  
 229 19.2 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

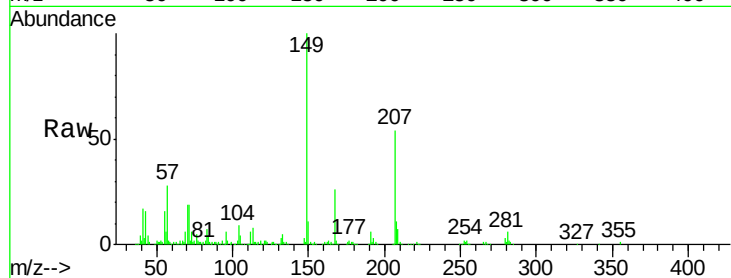




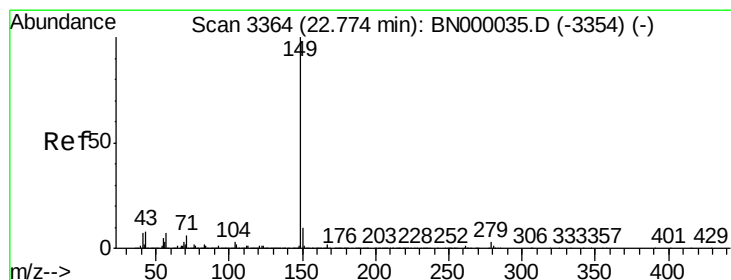
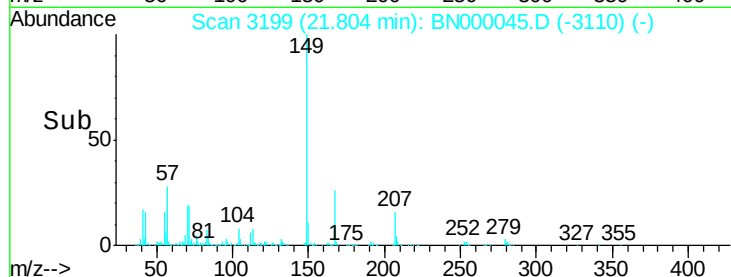
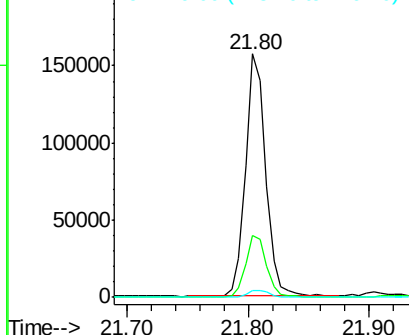
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.31 ng  
 RT: 21.80 min Scan# 3199  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.5  | 24.3  | 36.5  |
| 279     | 2.7   | 4.0   | 6.0   |

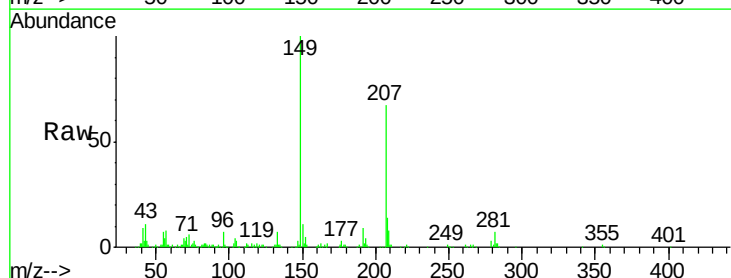


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

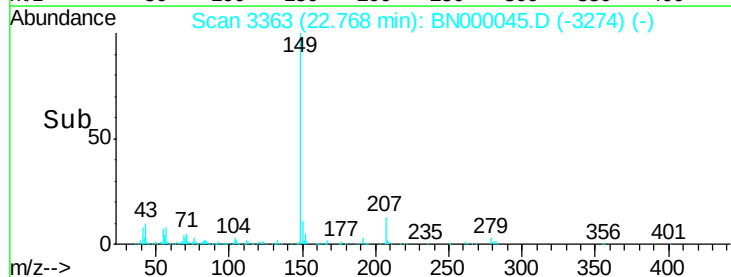
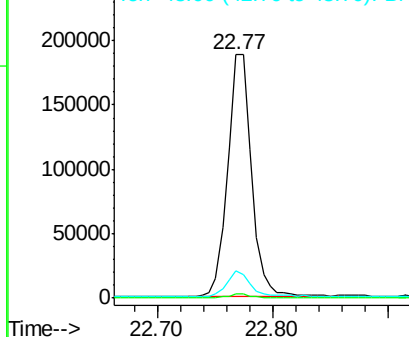


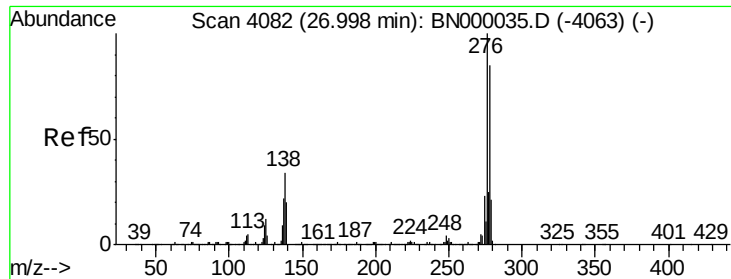
#84  
 Di-n-octyl phthalate  
 Concen: 7.72 ng  
 RT: 22.77 min Scan# 3363  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.4   | 2.0   |
| 43      | 10.4  | 8.9   | 13.3  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BNC

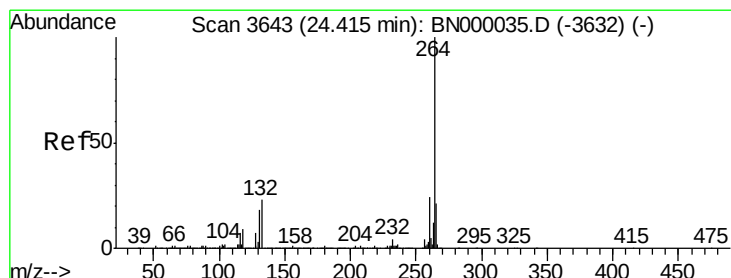
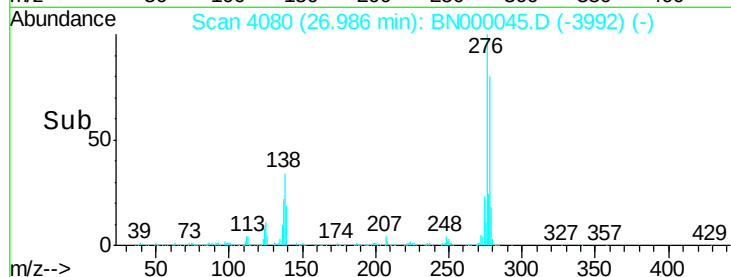
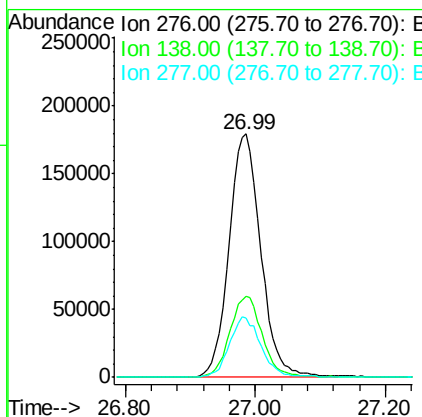
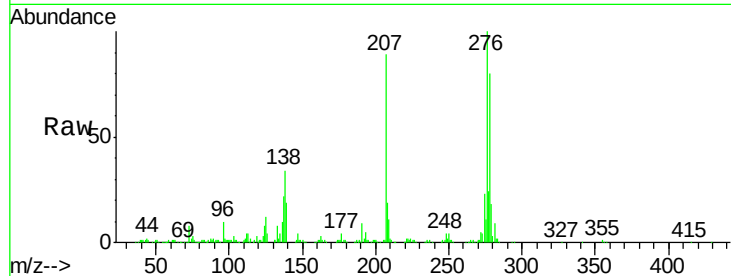




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.94 ng  
 RT: 26.99 min Scan# 4080  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

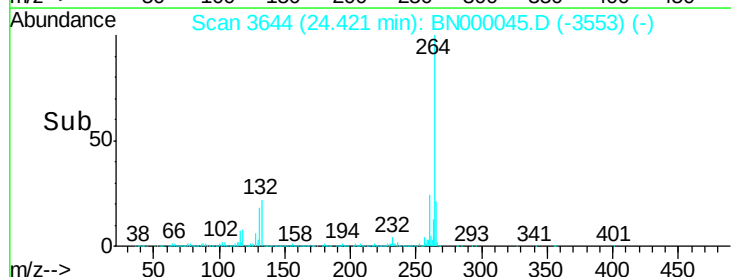
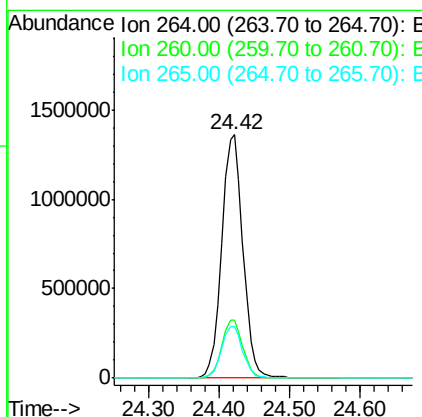
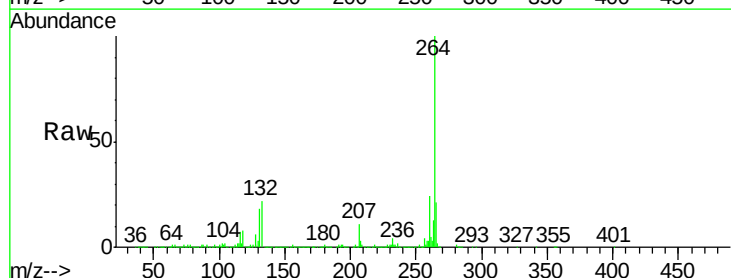
Instrument :  
 BNA\_N  
 ClientSampled :

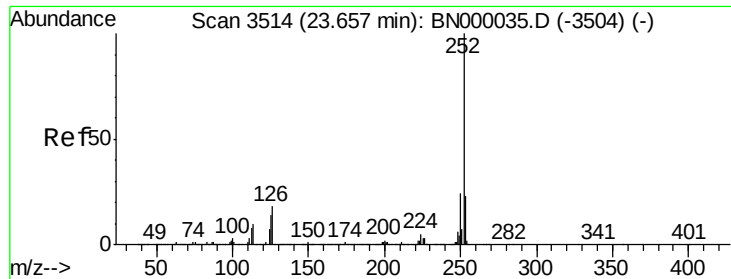
Tot Ion:276 Resp: 607022  
 Ion Ratio Lower Upper  
 276 100  
 138 34.2 16.0 24.0#  
 277 24.4 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.42 min Scan# 3644  
 Delta R.T. 0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Tgt Ion:264 Resp: 2835739  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 17.4 26.0  
 265 21.3 17.7 26.5

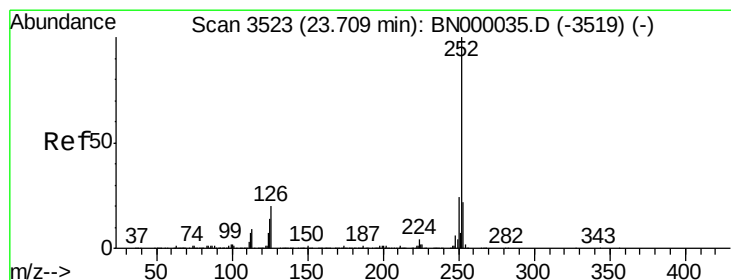
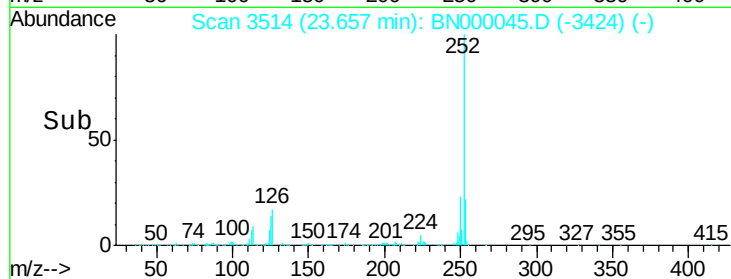
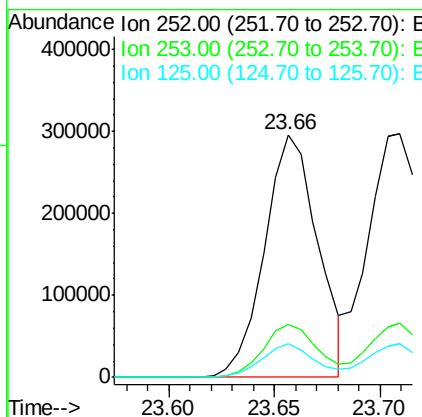
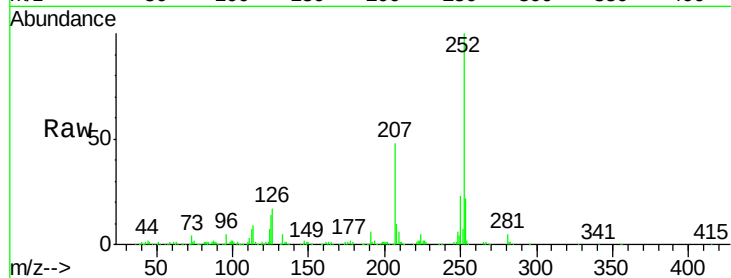




#87  
Benzo(b)fluoranthene  
Concen: 3.13 ng  
RT: 23.66 min Scan# 3514  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

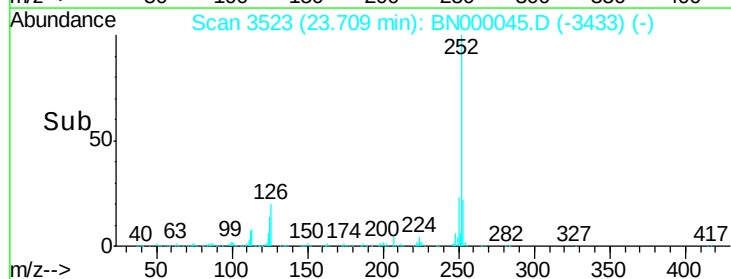
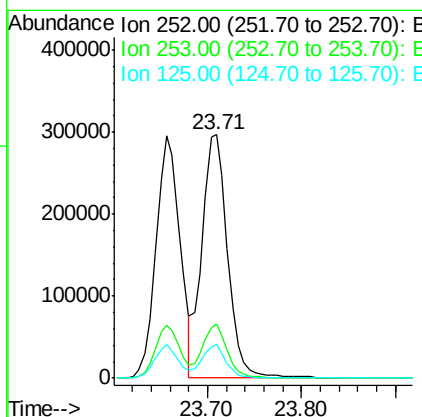
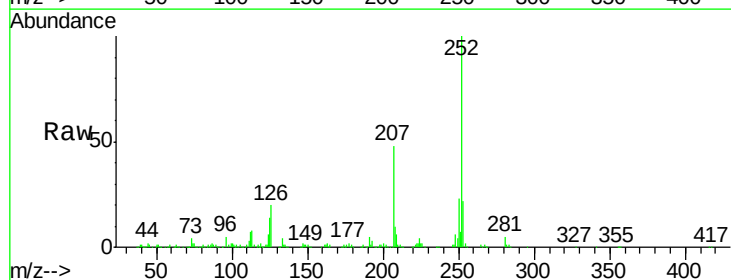
Instrument :  
BNA\_N  
ClientSampleId :

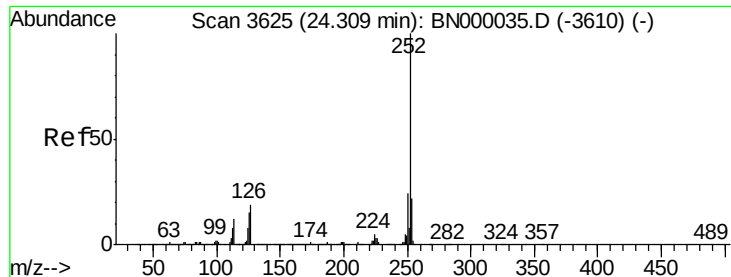
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.2  | 27.4  |
| 125     | 13.9  | 7.2   | 10.8  |



#88  
Benzo(k)fluoranthene  
Concen: 3.37 ng  
RT: 23.71 min Scan# 3523  
Delta R.T. 0.00 min  
Lab File: BN000045.D  
Acq: 07 Feb 2018 20:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.2  |
| 125     | 14.0  | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 3.03 ng

RT: 24.31 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

Instrument :

BNA\_N

ClientSampleId :

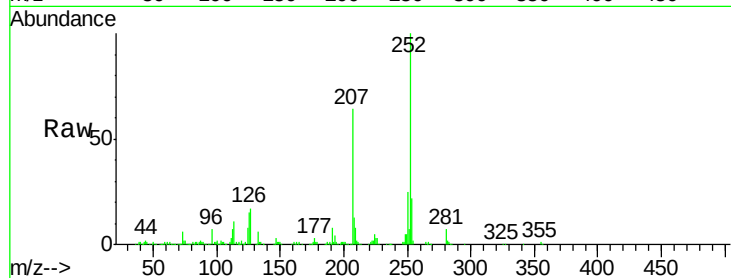
Tot Ion:252 Resp: 482594

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

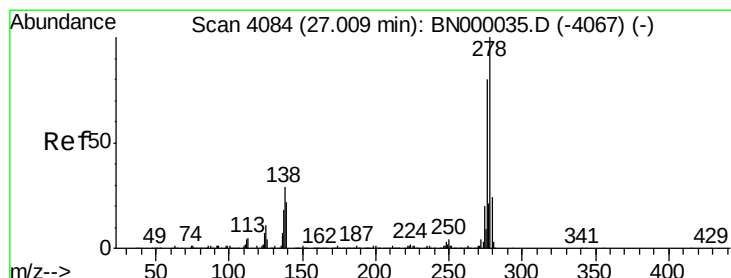
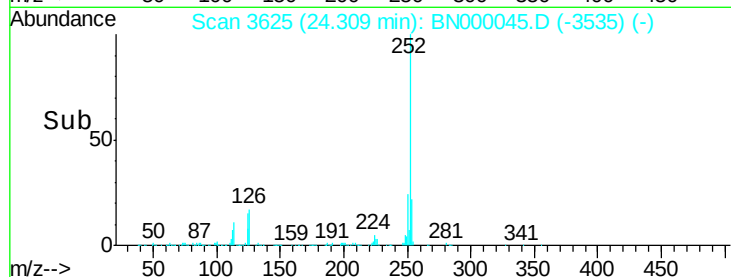
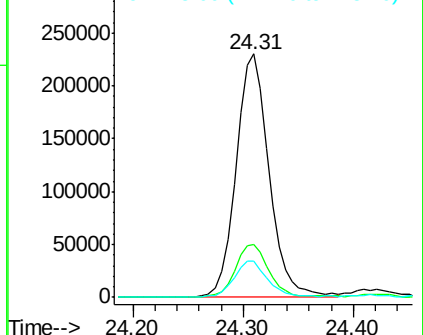
125 15.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.10 ng

RT: 27.00 min Scan# 4082

Delta R.T. -0.01 min

Lab File: BN000045.D

Acq: 07 Feb 2018 20:58

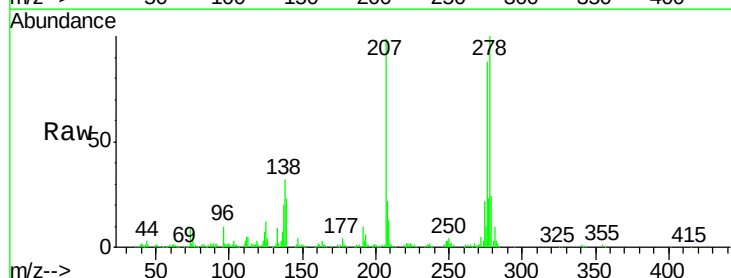
Tgt Ion:278 Resp: 515224

Ion Ratio Lower Upper

278 100

139 23.2 9.8 14.6#

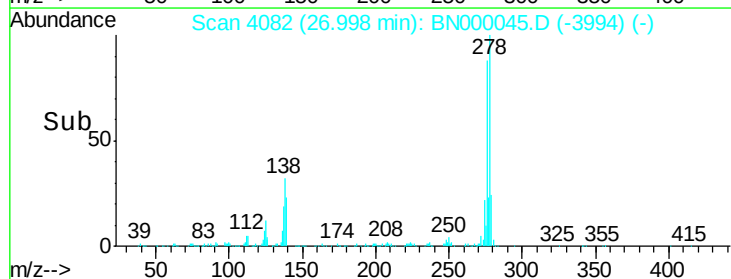
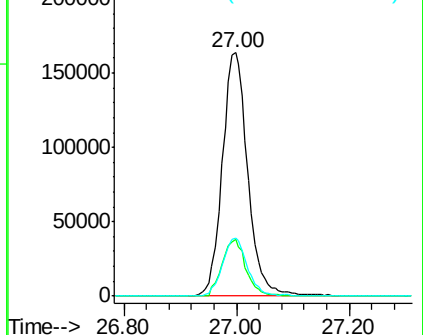
279 23.9 18.4 27.6



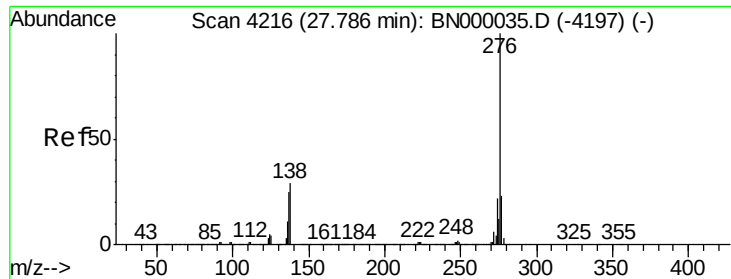
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



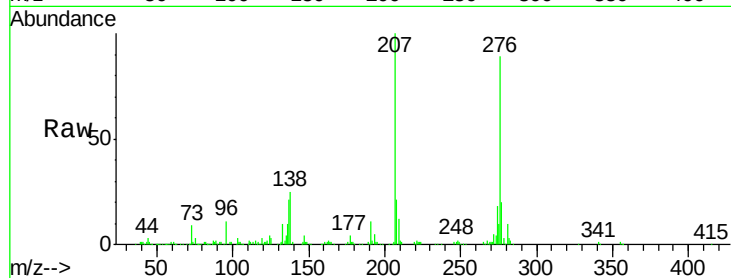




#91  
 Benzo(a,h,i)perylene  
 Concen: 3.03 ng  
 RT: 27.77 min Scan# 4214  
 Delta R.T. -0.01 min  
 Lab File: BN000045.D  
 Acq: 07 Feb 2018 20:58

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.3  | 27.5  |
| 138     | 27.9  | 13.9  | 20.9  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

