

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\  
 Data File : BN000543.D  
 Acq On : 22 Mar 2018 16:46  
 Operator : JU/SJ  
 Sample : J1905-17DL 10X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 23 02:25:11 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 23 02:22:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.42  | 152  | 176143   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.26 | 136  | 739788   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.04 | 164  | 407663   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.78 | 188  | 860958   | 20.00 | ng/ul | 0.02     |
| 75) Chrysene-d12          | 21.90 | 240  | 880845   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.38 | 264  | 887771   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 1279   | 0.26 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.59  | 99  | 22461  | 1.37 | ng/ul | 0.03  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.72  | 67  | 38038  | 4.01 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.95  | 132 | 37003  | 2.98 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.14  | 113 | 31412  | 2.45 | ng/ul | 0.01  |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 22032  | 3.67 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.33 | 143 | 21198  | 3.41 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.88 | 165 | 39012  | 3.50 | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 11.35 | 131 | 61883  | 5.40 | ng/ul | -0.03 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 112819 | 3.50 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.74 | 160 | 146315 | 3.44 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.22 | 143 | 19211  | 3.21 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 16.02 | 176 | 97969  | 3.57 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 16.15 | 200 | 33635  | 6.82 | ng/ul | 0.02  |
| 70) Anthracene-d10             | 17.88 | 188 | 142644 | 3.45 | ng/ul | 0.02  |
| 76) Pyrene-d10                 | 20.12 | 212 | 156227 | 3.21 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 24.22 | 264 | 136104 | 3.25 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 4) Benzaldehyde                | 7.54  | 77  | 46453   | 6.933   | ng/ul# | 1   |
| 14) Acetophenone               | 9.37  | 105 | 59293   | 3.116   | ng/ul  | 91  |
| 15) N-Nitroso-di-n-propylamine | 9.21  | 70  | 10292   | 1.034   | ng/ul# | 23  |
| 17) Hexachloroethane           | 9.53  | 117 | 70194   | 13.261  | ng/ul# | 1   |
| 20) Nitrobenzene               | 9.63  | 77  | 16149   | 1.089   | ng/ul# | 24  |
| 21) Isophorone                 | 10.17 | 82  | 1169419 | 41.361  | ng/ul# | 95  |
| 24) 2,4-Dimethylphenol         | 10.45 | 107 | 25438   | 1.764   | ng/ul# | 60  |
| 25) Bis(2-Chloroethoxy)methane | 10.67 | 93  | 34632   | 1.939   | ng/ul# | 65  |
| 27) 2,4-Dichlorophenol         | 10.91 | 162 | 22566   | 2.084   | ng/ul# | 70  |
| 28) Naphthalene                | 11.31 | 128 | 254124  | 6.541   | ng/ul# | 93  |
| 32) Caprolactam                | 12.18 | 113 | 5305    | 1.340   | ng/ul# | 1   |
| 33) 4-Chloro-3-methylphenol    | 12.53 | 107 | 34826   | 2.736   | ng/ul# | 24  |
| 34) 2-Methylnaphthalene        | 12.89 | 142 | 435178  | 16.778  | ng/ul  | 100 |
| 38) 2,4,6-Trichlorophenol      | 13.49 | 196 | 30429   | 3.663   | ng/ul  | 98  |
| 39) 2,4,5-Trichlorophenol      | 13.57 | 196 | 14556   | 1.680   | ng/ul  | 99  |
| 40) 1,1'-Biphenyl              | 13.87 | 154 | 43974   | 1.267   | ng/ul# | 82  |
| 42) 2-Nitroaniline             | 14.08 | 65  | 15449   | 1.906   | ng/ul# | 1   |
| 45) 2,6-Dinitrotoluene         | 14.66 | 165 | 21208   | 3.304   | ng/ul# | 33  |
| 49) Acenaphthene               | 15.10 | 153 | 36081   | 1.271   | ng/ul# | 87  |
| 50) 2,4-Dinitrophenol          | 15.15 | 184 | 23805   | 7.860   | ng/ul# | 1   |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.68 | 232 | 2767138 | 418.330 | ng/ul# | 82  |
| 58) Fluorene                   | 16.08 | 166 | 54776   | 1.788   | ng/ul# | 84  |
| 63) 4,6-Dinitro-2-methylphenol | 16.16 | 198 | 84104   | 16.157  | ng/ul# | 93  |

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Sample : J1905-17DL 10X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

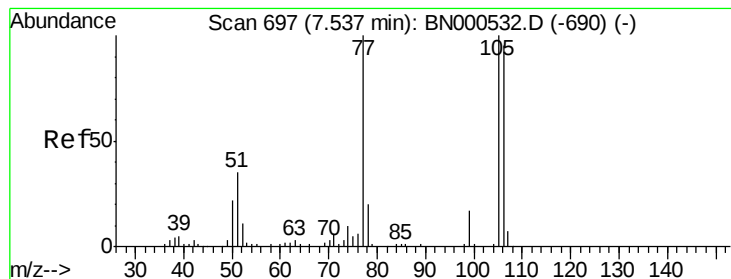
Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Mar 23 02:25:11 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 23 02:22:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|----------------------------|-------|------|----------|----------|--------|----------|
| 64) N-Nitrosodiphenylamine | 16.27 | 169  | 57943    | 2.043    | ng/ul# | 42       |
| 68) Pentachlorophenol      | 17.47 | 266  | 7435036  | 1519.864 | ng/ul  | 95       |
| 69) Phenanthrene           | 17.82 | 178  | 258657   | 5.215    | ng/ul# | 95       |
| 71) Anthracene             | 17.82 | 178  | 258657   | 5.086    | ng/ul  | 96       |
| 74) Fluoranthene           | 19.79 | 202  | 138899   | 2.818    | ng/ul# | 73       |
| 77) Pyrene                 | 20.15 | 202  | 125751   | 1.955    | ng/ul# | 69       |

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





#4

Benzaldehyde

Concen: 6.933 ng/ul

RT: 7.54 min Scan# 697

Delta R.T. 0.00 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA\_N

ClientSampled :

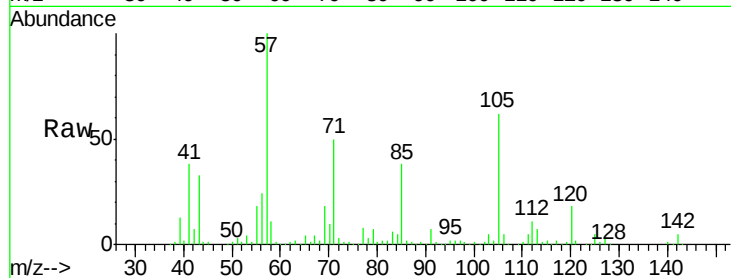
Tot Ion: 77 Resp: 46453

Ion Ratio Lower Upper

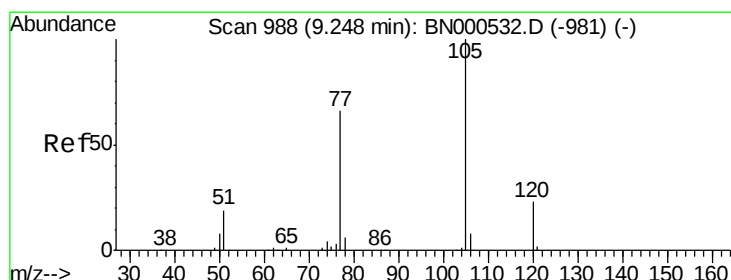
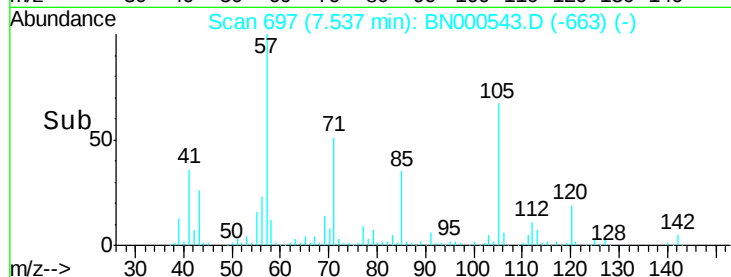
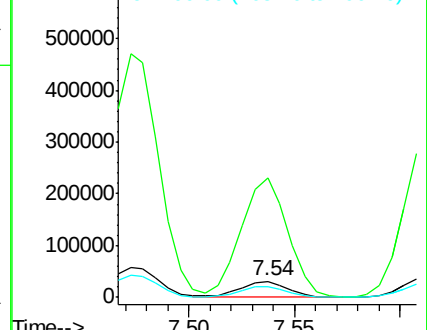
77 100

105 754.7 71.0 106.6#

106 67.2 69.5 104.3#



Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 105.00 (104.70 to 105.70): BNC  
Ion 106.00 (105.70 to 106.70): BNC



#14

Acetophenone

Concen: 3.116 ng/ul

RT: 9.37 min Scan# 1009

Delta R.T. 0.12 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

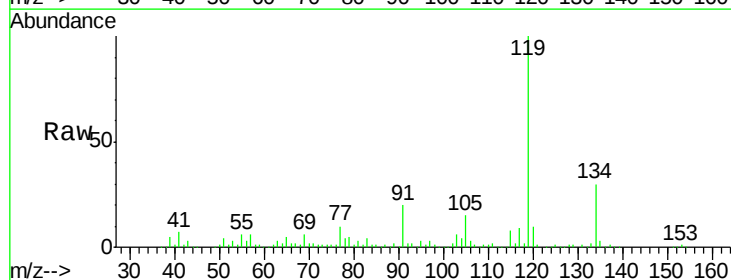
Tgt Ion: 105 Resp: 59293

Ion Ratio Lower Upper

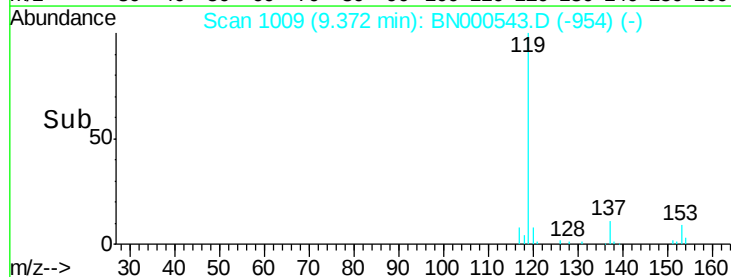
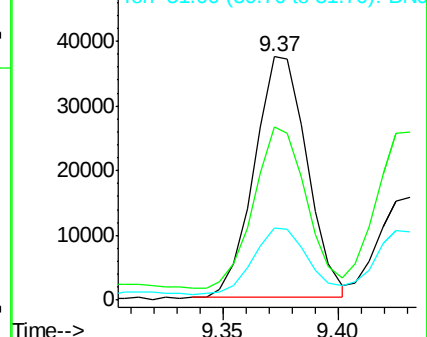
105 100

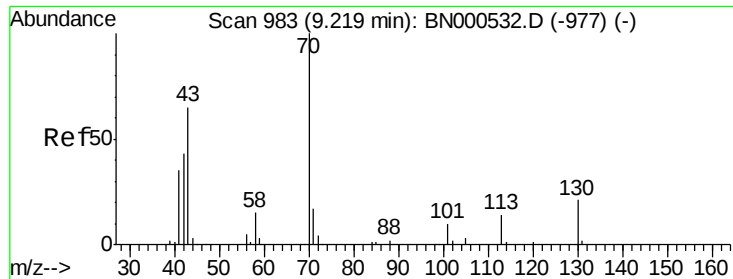
77 71.4 63.2 94.8

51 29.6 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): BNC  
Ion 77.00 (76.70 to 77.70): BNC  
Ion 51.00 (50.70 to 51.70): BNC

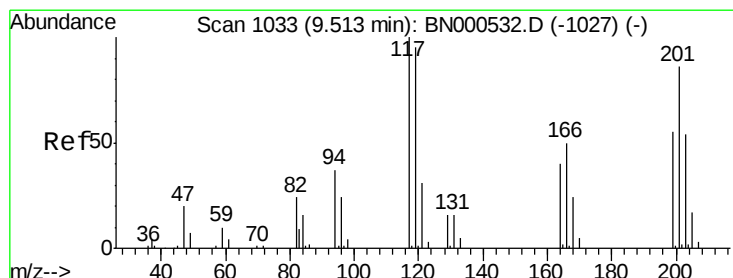
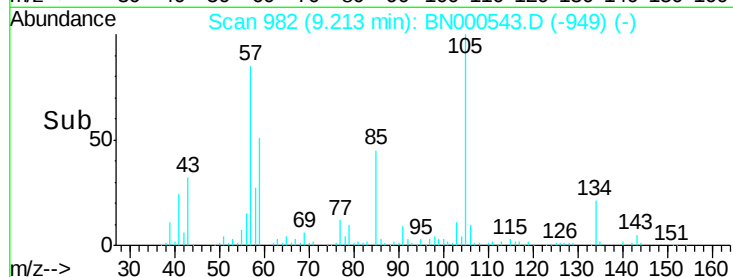
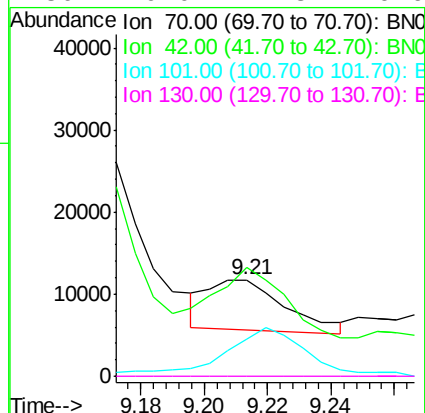
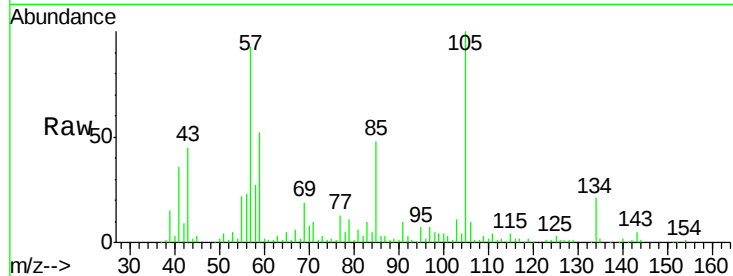




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.034 ng/ul  
RT: 9.21 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

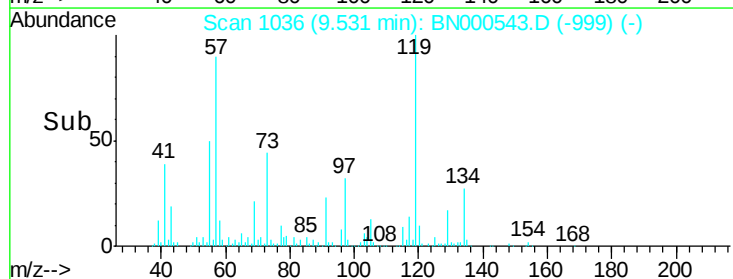
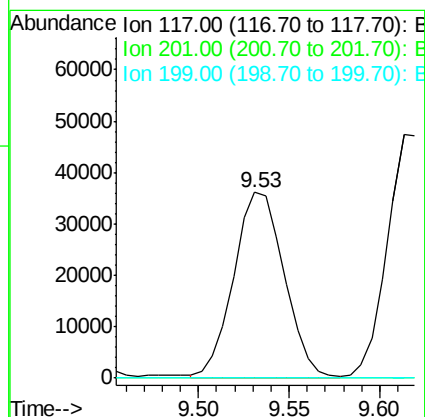
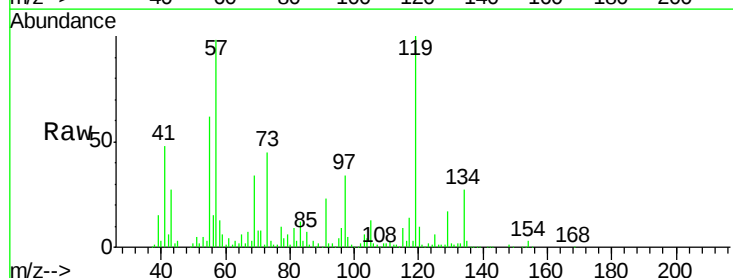
Instrument :  
BNA\_N  
ClientSampleId :

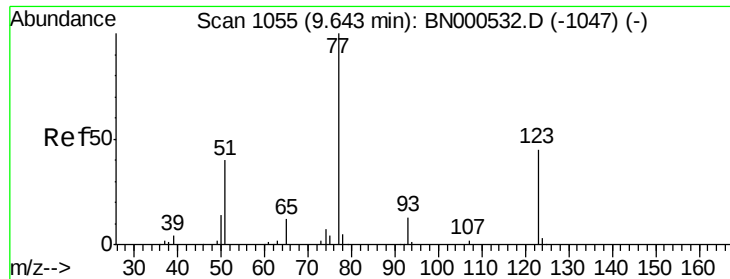
Tot Ion: 70 Resp: 10292  
Ion Ratio Lower Upper  
70 100  
42 113.0 40.2 60.4#  
101 39.0 7.7 11.5#  
130 0.0 17.8 26.6#



#17  
Hexachloroethane  
Concen: 13.261 ng/ul  
RT: 9.53 min Scan# 1036  
Delta R.T. 0.02 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

Tgt Ion: 117 Resp: 70194  
Ion Ratio Lower Upper  
117 100  
201 0.0 96.1 144.1#  
199 0.0 59.7 89.5#

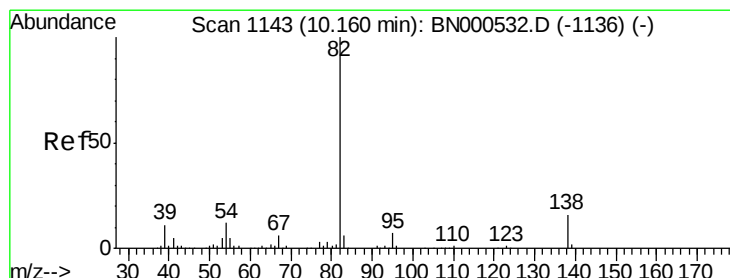
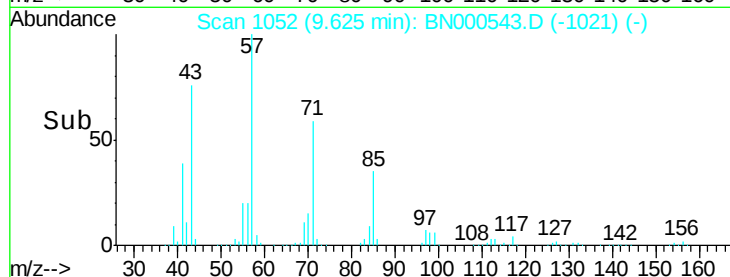
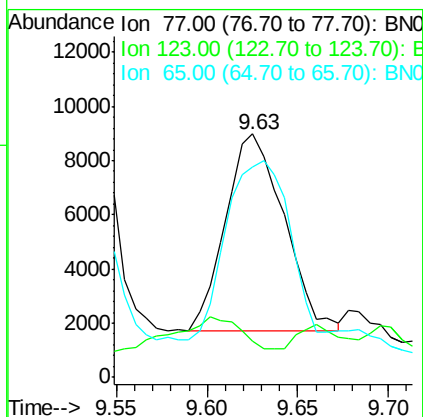
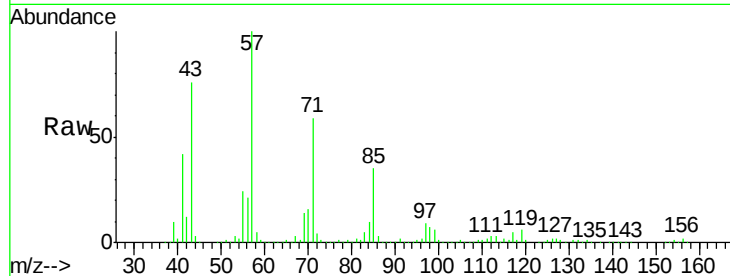




#20  
Nitrobenzene  
Concen: 1.089 ng/ul  
RT: 9.63 min Scan# 1052  
Delta R.T. -0.02 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

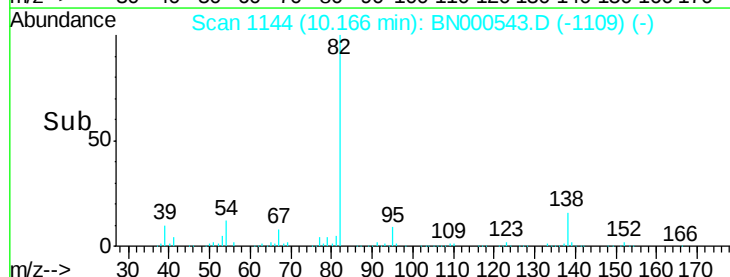
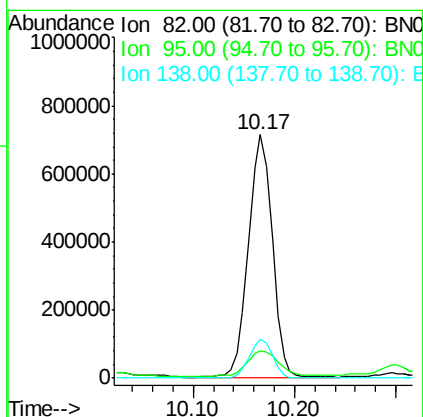
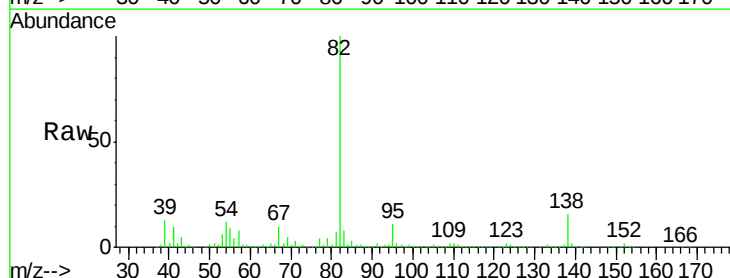
Instrument :  
BNA\_N  
ClientSampled :

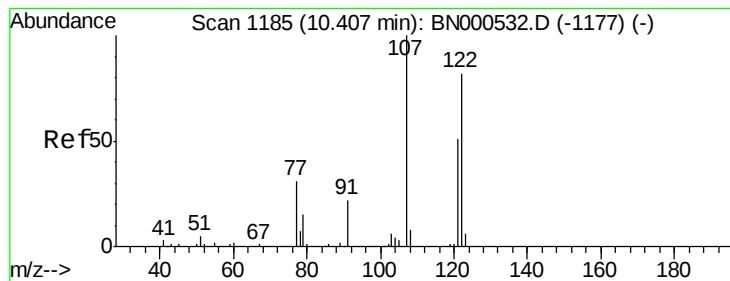
Tot Ion: 77 Resp: 16149  
Ion Ratio Lower Upper  
77 100  
123 14.7 31.8 47.8#  
65 86.3 10.6 16.0#



#21  
Isophorone  
Concen: 41.361 ng/ul  
RT: 10.17 min Scan# 1144  
Delta R.T. 0.01 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

Tgt Ion: 82 Resp: 1169419  
Ion Ratio Lower Upper  
82 100  
95 11.4 6.1 9.1#  
138 16.2 13.5 20.3





#24

2,4-Dimethylphenol

Concen: 1.764 ng/ul

RT: 10.45 min Scan# 1193

Delta R.T. 0.05 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA\_N

ClientSampled :

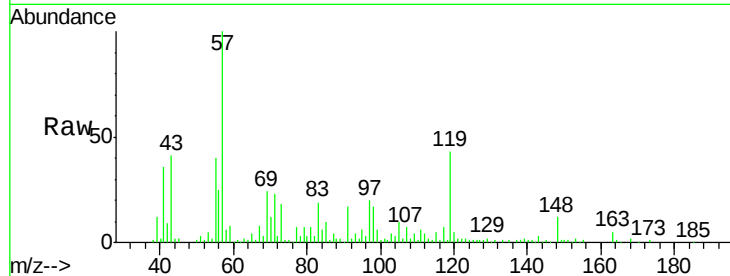
Tot Ion:107 Resp: 25438

Ion Ratio Lower Upper

107 100

121 33.1 38.1 57.1#

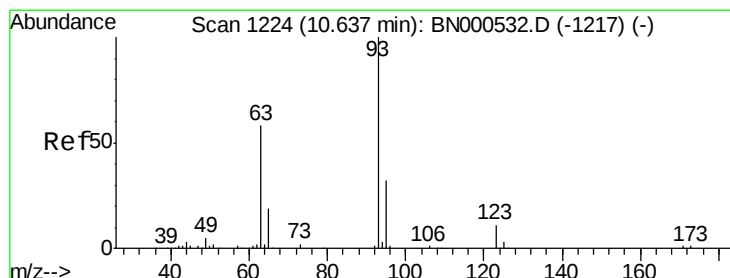
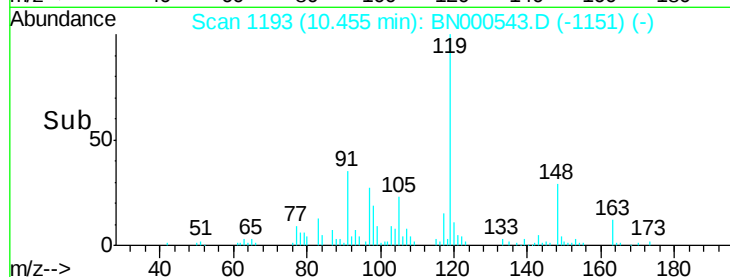
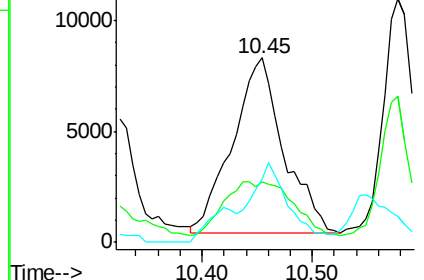
122 34.4 63.8 95.8#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 1.939 ng/ul

RT: 10.67 min Scan# 1229

Delta R.T. 0.03 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

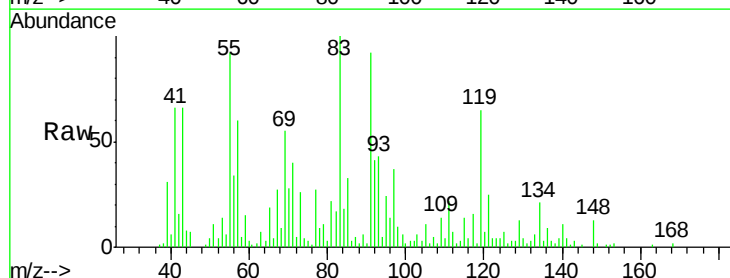
Tgt Ion: 93 Resp: 34632

Ion Ratio Lower Upper

93 100

95 56.0 24.7 37.1#

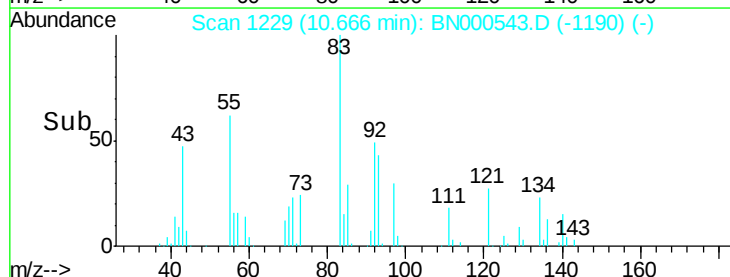
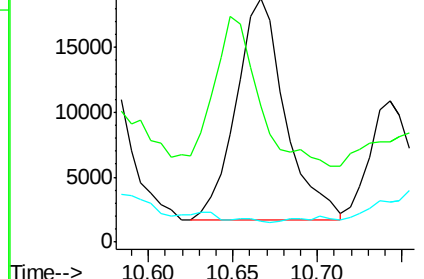
123 8.6 8.2 12.2

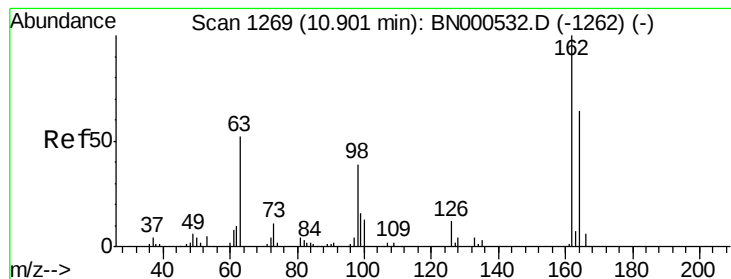


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 2.084 ng/ul

RT: 10.91 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA\_N

ClientSampleId :

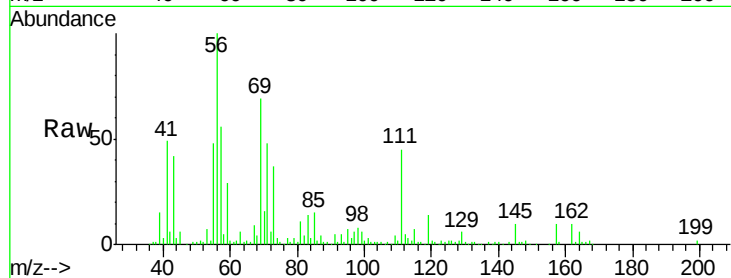
Tot Ion:162 Resp: 22566

Ion Ratio Lower Upper

162 100

164 62.7 52.0 78.0

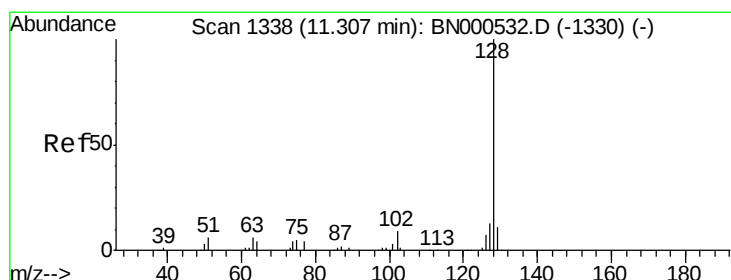
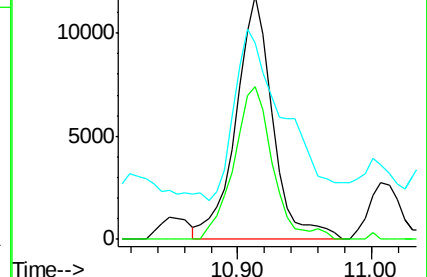
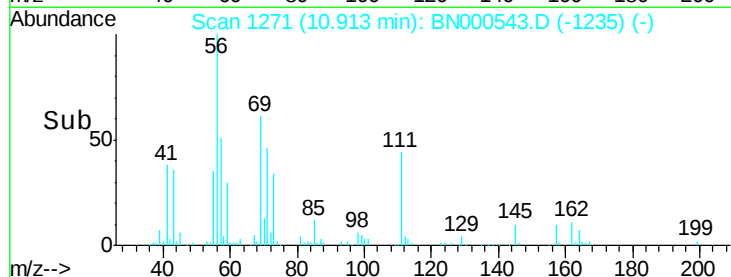
98 80.8 26.6 39.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 6.541 ng/ul

RT: 11.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

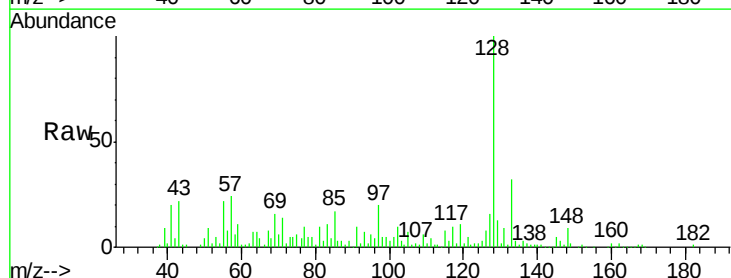
Tgt Ion:128 Resp: 254124

Ion Ratio Lower Upper

128 100

129 13.4 8.3 12.5#

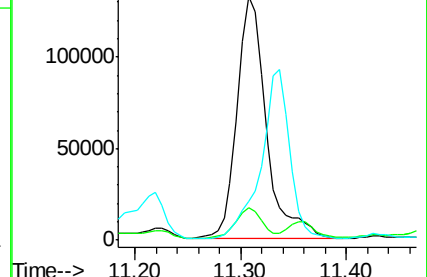
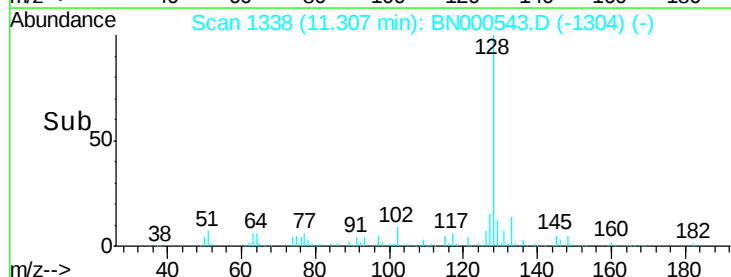
127 15.7 10.8 16.2

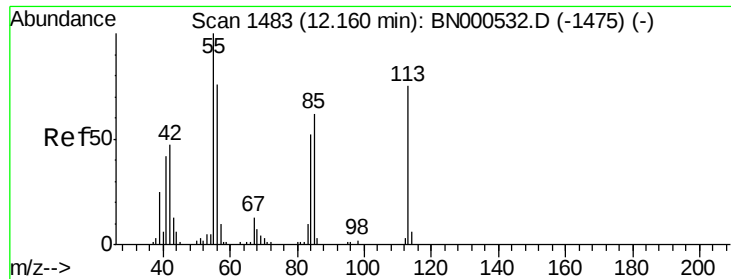


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 1.340 ng/ul

RT: 12.18 min Scan# 1486

Delta R.T. 0.02 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA\_N

ClientSampled :

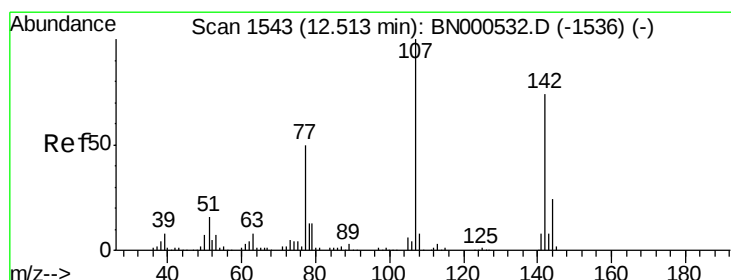
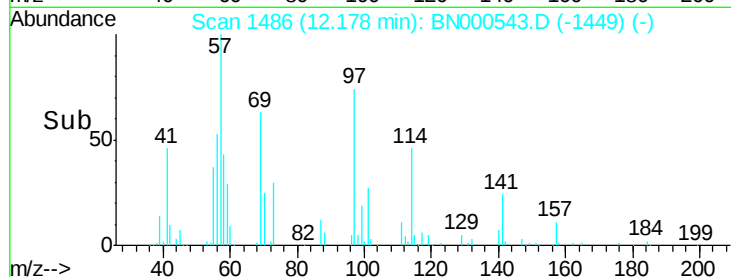
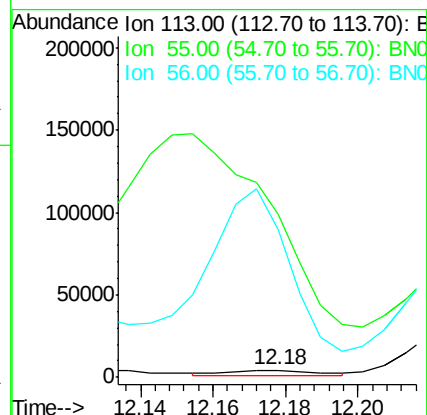
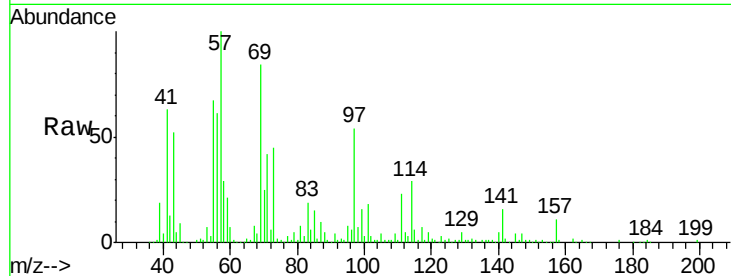
Tot Ion:113 Resp: 5305

Ion Ratio Lower Upper

113 100

55 2345.0 131.7 197.5#

56 2128.8 92.7 139.1#



#33

4-Chloro-3-methylphenol

Concen: 2.736 ng/ul

RT: 12.53 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

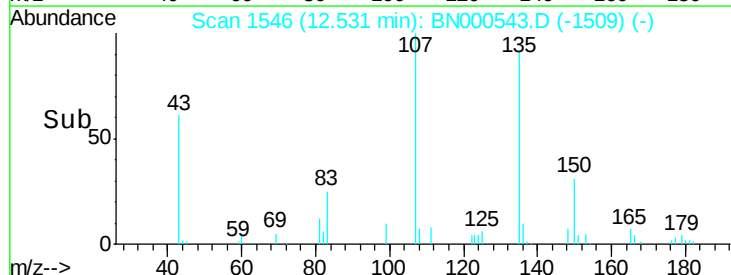
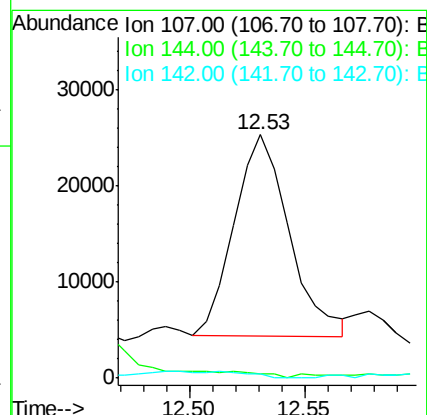
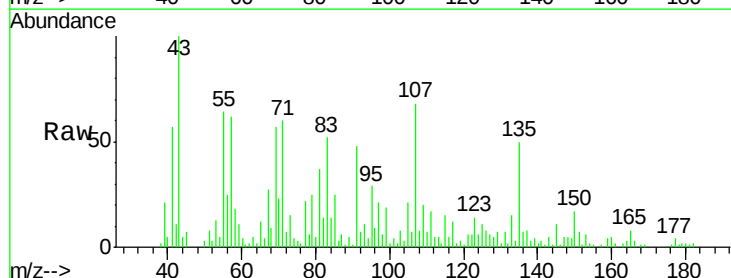
Tgt Ion:107 Resp: 34826

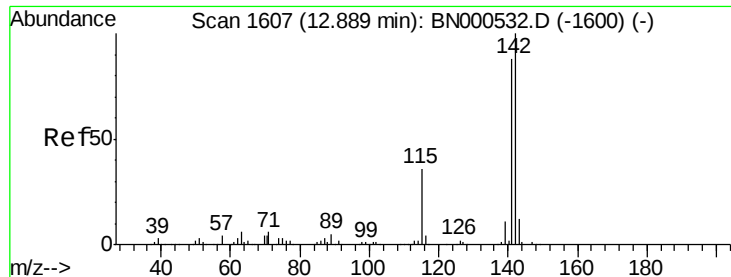
Ion Ratio Lower Upper

107 100

144 1.8 21.1 31.7#

142 1.5 60.1 90.1#

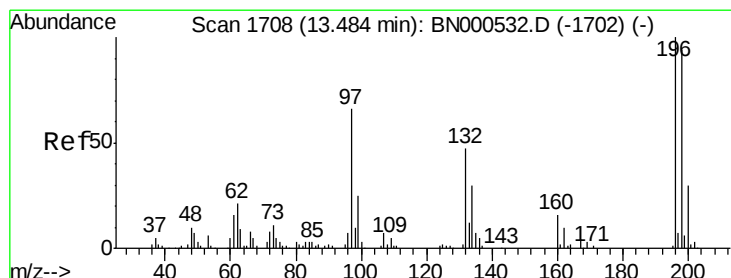
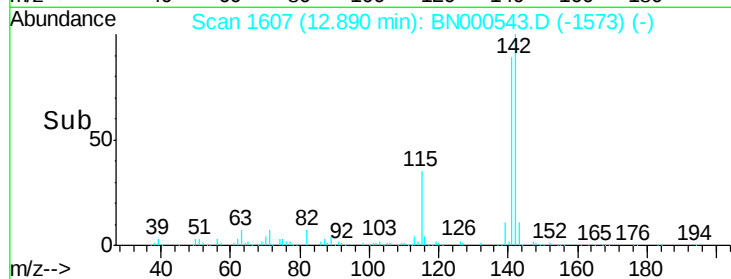
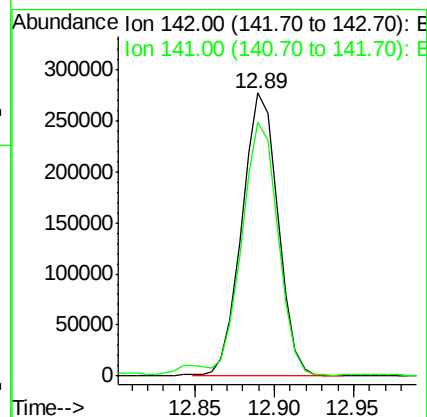
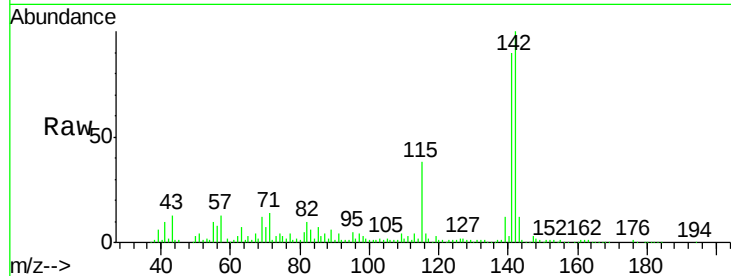




#34  
 2-Methylnaphthalene  
 Concen: 16.778 ng/ul  
 RT: 12.89 min Scan# 1607  
 Delta R.T. 0.00 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

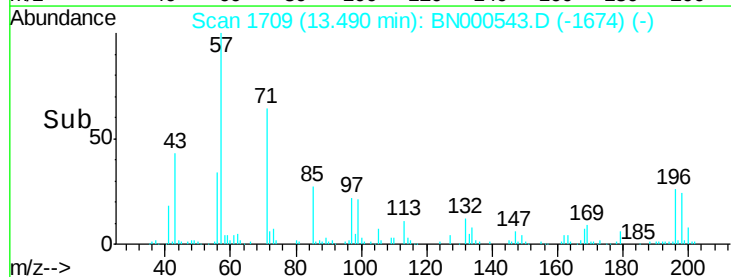
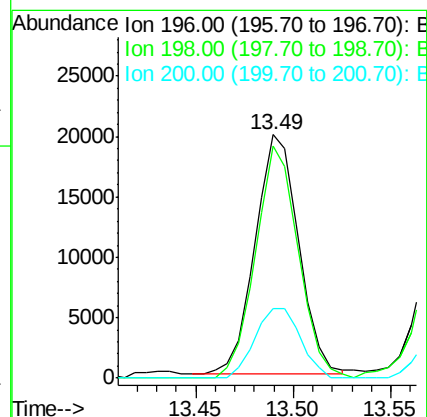
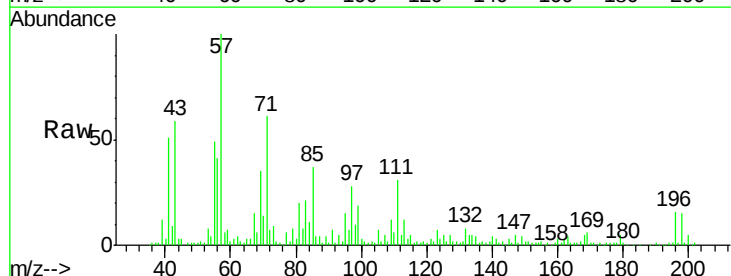
Instrument :  
 BNA\_N  
 ClientSampleId :

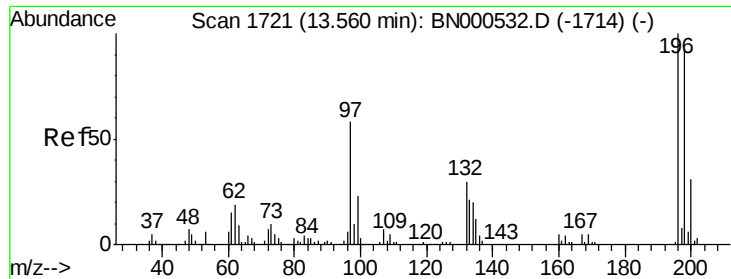
Tot Ion:142 Resp: 435178  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 71.4 107.2



#38  
 2,4,6-Trichlorophenol  
 Concen: 3.663 ng/ul  
 RT: 13.49 min Scan# 1709  
 Delta R.T. 0.01 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:196 Resp: 30429  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 75.9 113.9  
 200 28.7 25.8 38.6

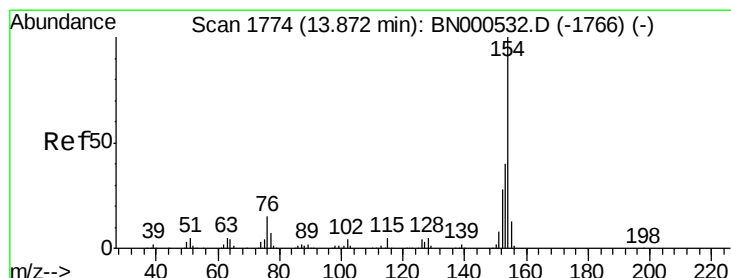
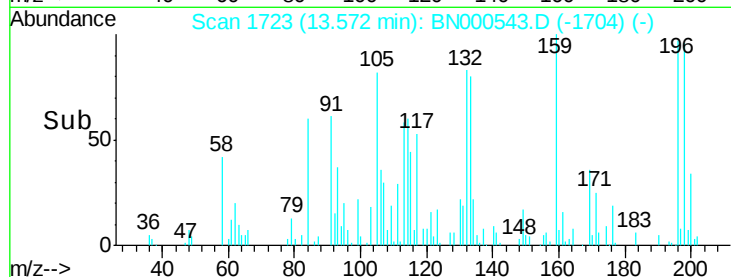
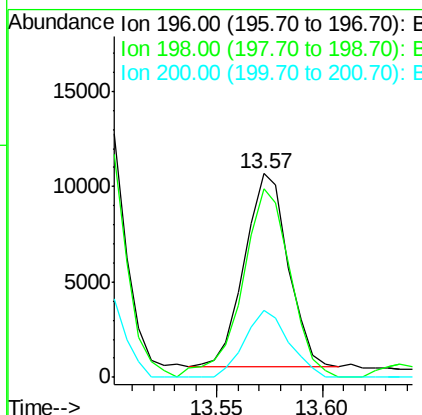
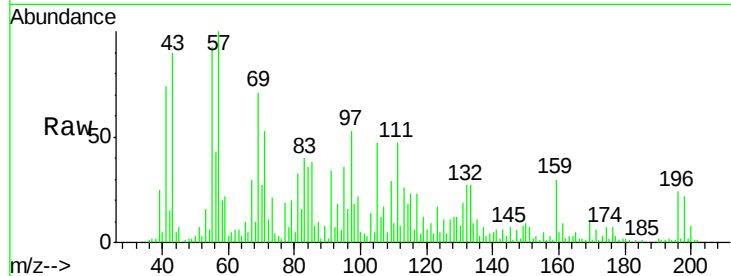




#39  
 2,4,5-Trichlorophenol  
 Concen: 1.680 ng/ul  
 RT: 13.57 min Scan# 1723  
 Delta R.T. 0.01 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

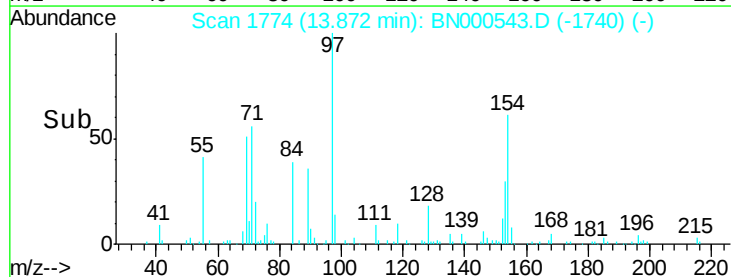
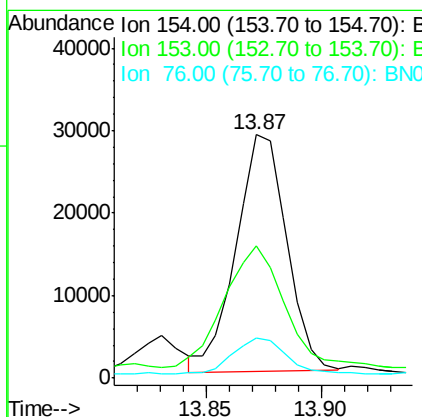
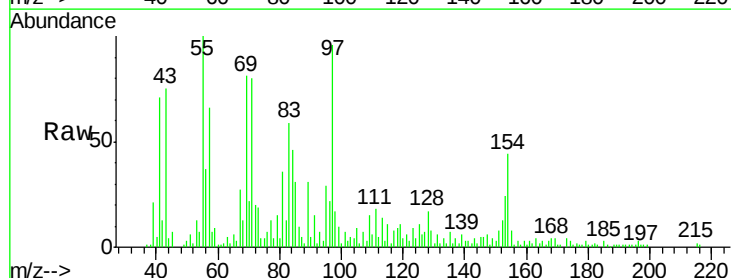
Instrument :  
 BNA\_N  
 ClientSampled :

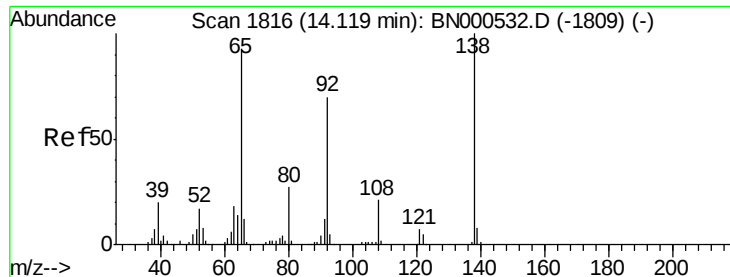
Tot Ion:196 Resp: 14556  
 Ion Ratio Lower Upper  
 196 100  
 198 92.5 74.7 112.1  
 200 32.9 25.4 38.0



#40  
 1,1'-Biphenyl  
 Concen: 1.267 ng/ul  
 RT: 13.87 min Scan# 1774  
 Delta R.T. 0.00 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:154 Resp: 43974  
 Ion Ratio Lower Upper  
 154 100  
 153 54.3 34.0 51.0#  
 76 16.6 8.4 12.6#

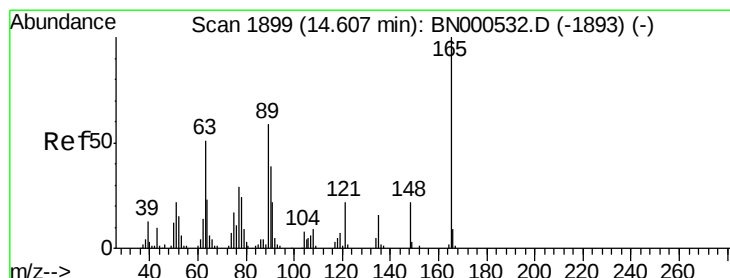
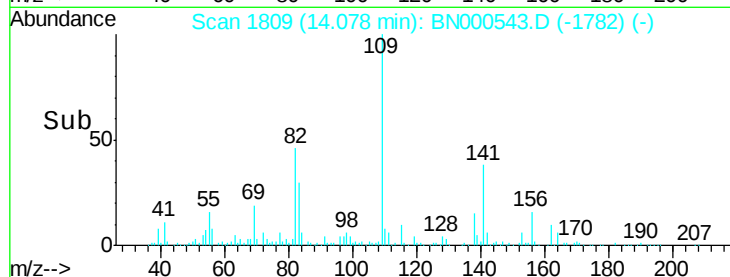
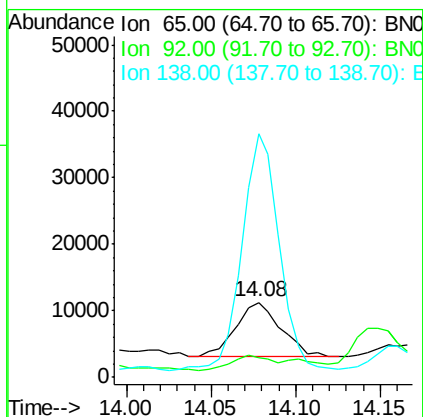
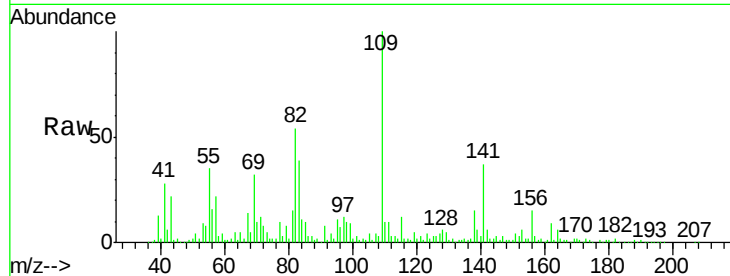




#42  
2-Nitroaniline  
Concen: 1.906 ng/ul  
RT: 14.08 min Scan# 1809  
Delta R.T. -0.04 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

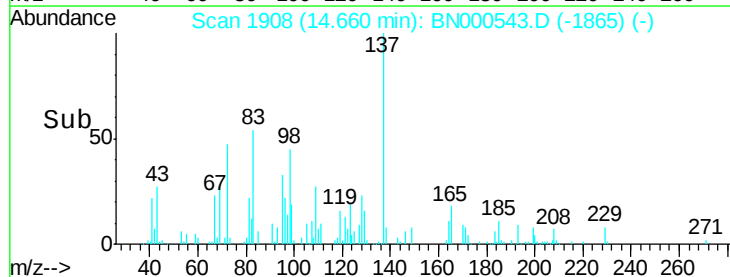
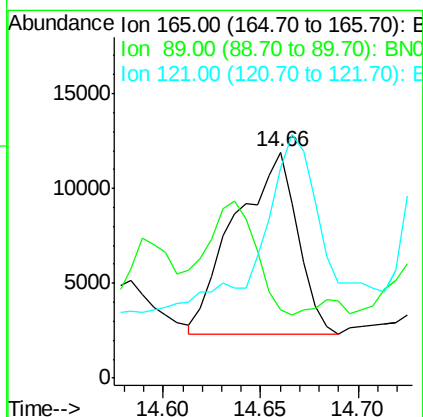
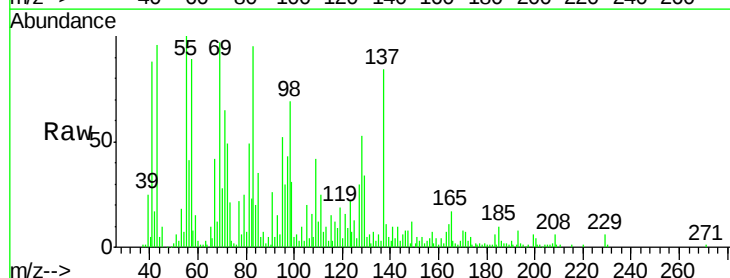
Instrument :  
BNA\_N  
ClientSampleId :

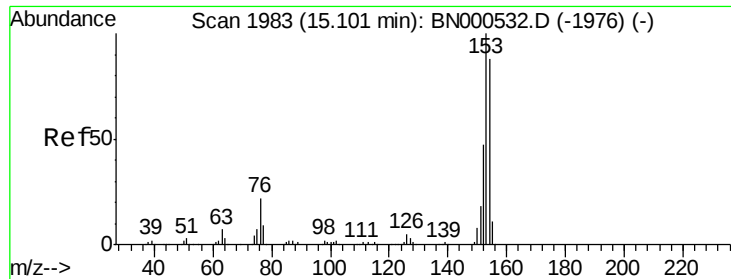
Tot Ion: 65 Resp: 15449  
Ion Ratio Lower Upper  
65 100  
92 26.9 57.0 85.4#  
138 324.4 87.2 130.8#



#45  
2,6-Dinitrotoluene  
Concen: 3.304 ng/ul  
RT: 14.66 min Scan# 1908  
Delta R.T. 0.05 min  
Lab File: BN000543.D  
Acq: 22 Mar 2018 16:46

Tgt Ion:165 Resp: 21208  
Ion Ratio Lower Upper  
165 100  
89 30.4 43.8 65.8#  
121 93.2 17.8 26.6#





#49

Acenaphthene

Concen: 1.271 ng/ul

RT: 15.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA\_N

ClientSampled :

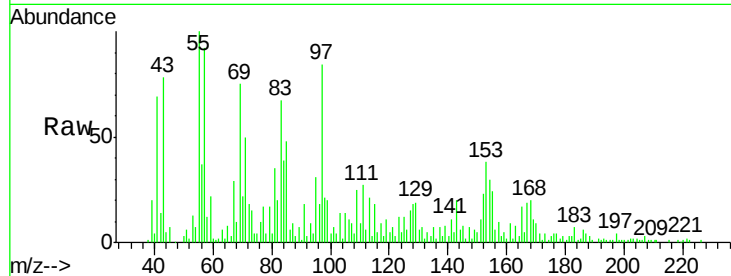
Tot Ion:153 Resp: 36081

Ion Ratio Lower Upper

153 100

152 60.2 37.9 56.9#

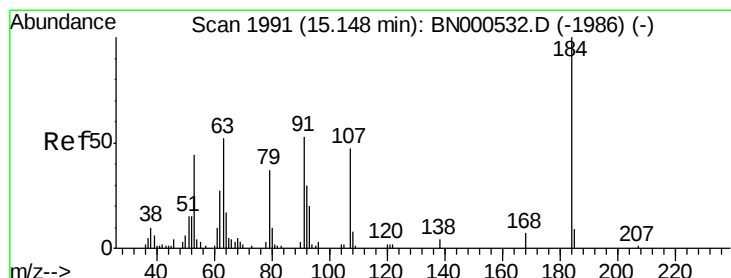
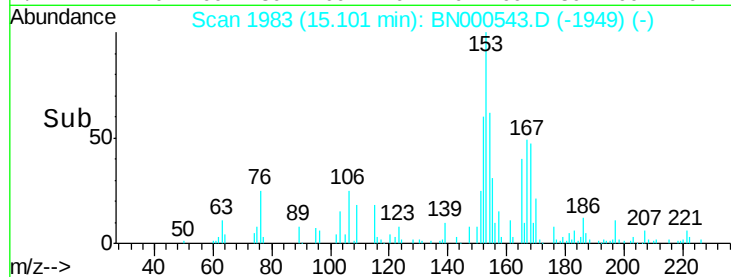
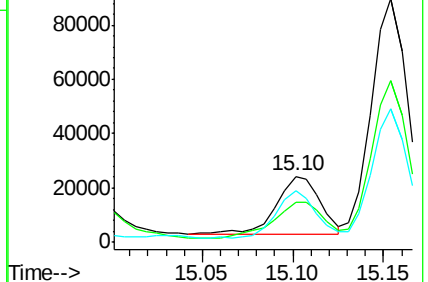
154 78.3 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 7.860 ng/ul

RT: 15.15 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

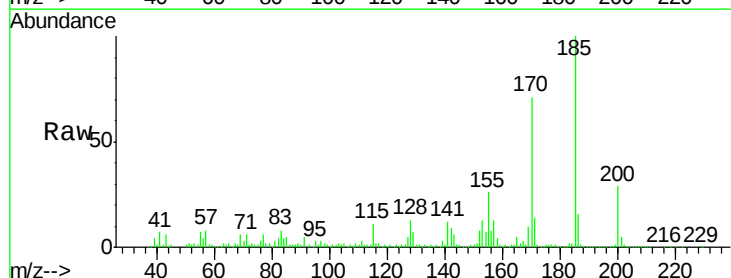
Tgt Ion:184 Resp: 23805

Ion Ratio Lower Upper

184 100

63 93.4 39.7 59.5#

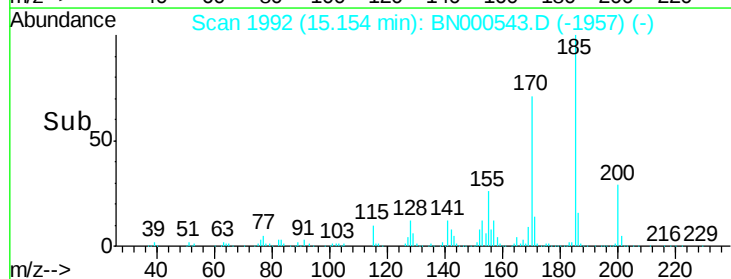
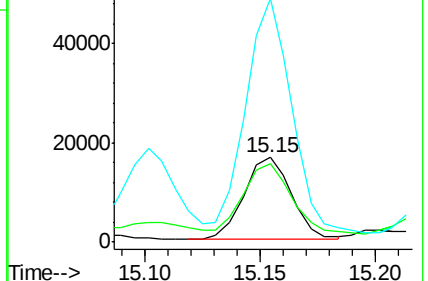
154 288.4 45.0 67.6#

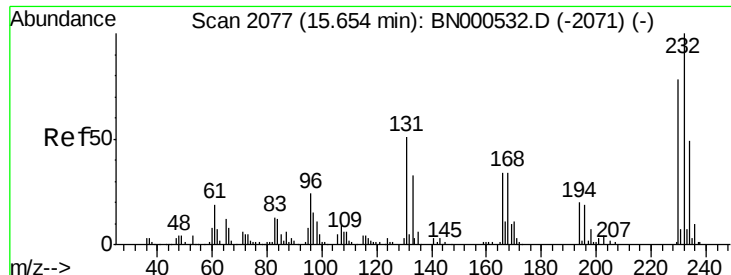


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E

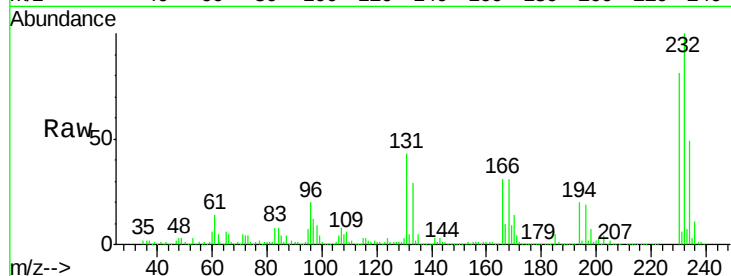




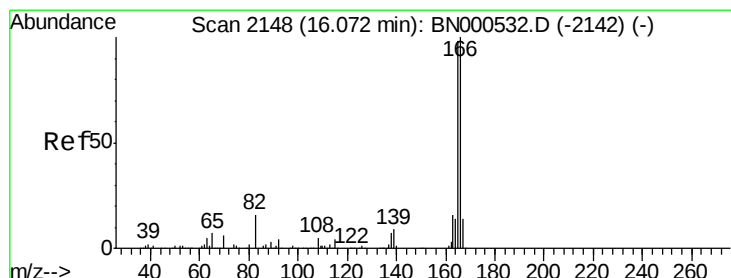
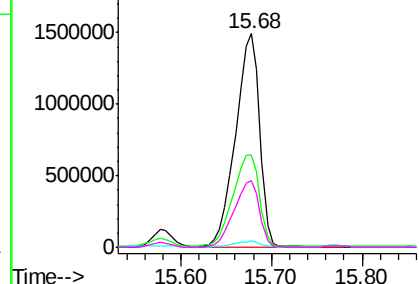
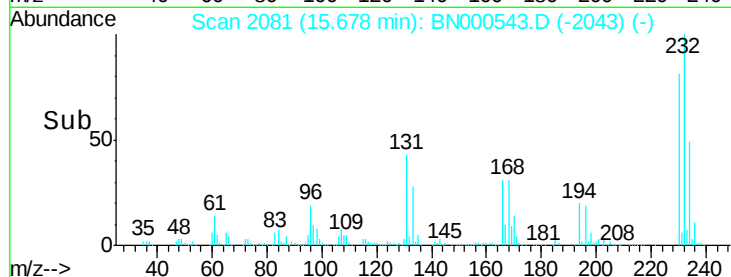
#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 418.330 ng/ul  
 RT: 15.68 min Scan# 2081  
 Delta R.T. 0.02 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:232 Resp: 2767138  
 Ion Ratio Lower Upper  
 232 100  
 131 43.4 48.0 72.0#  
 130 2.8 4.0 6.0#  
 166 31.3 32.0 48.0#

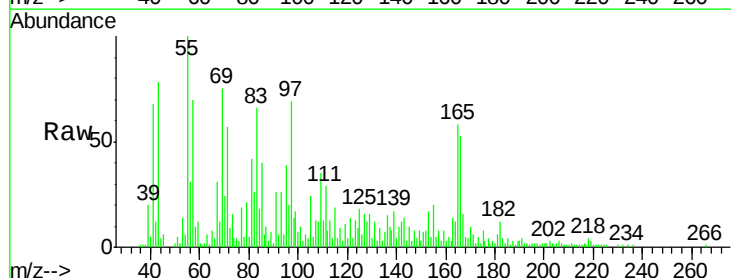


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

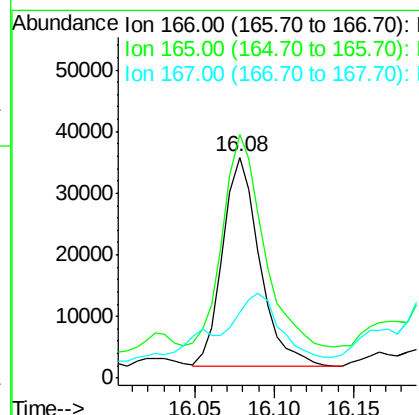
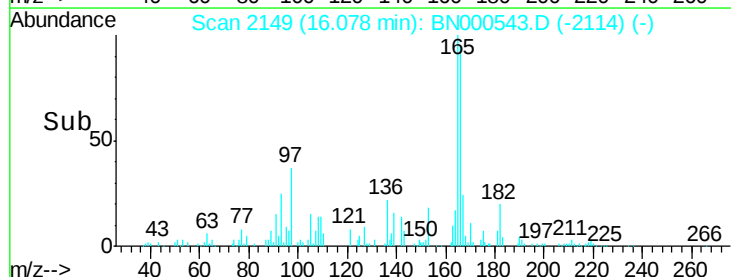


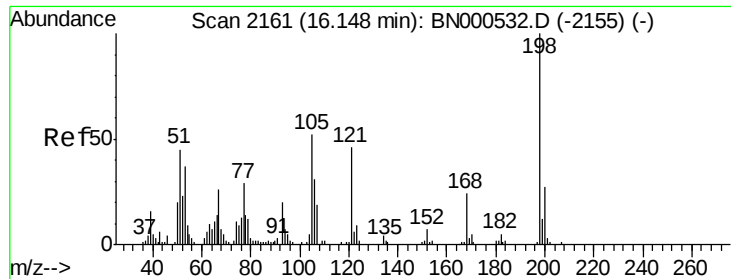
#58  
 Fluorene  
 Concen: 1.788 ng/ul  
 RT: 16.08 min Scan# 2149  
 Delta R.T. 0.01 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:166 Resp: 54776  
 Ion Ratio Lower Upper  
 166 100  
 165 110.2 78.4 117.6  
 167 29.8 11.1 16.7#



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

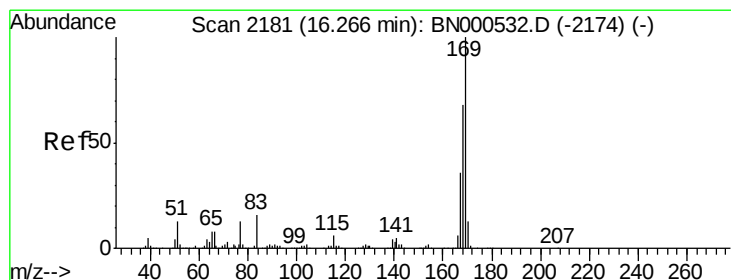
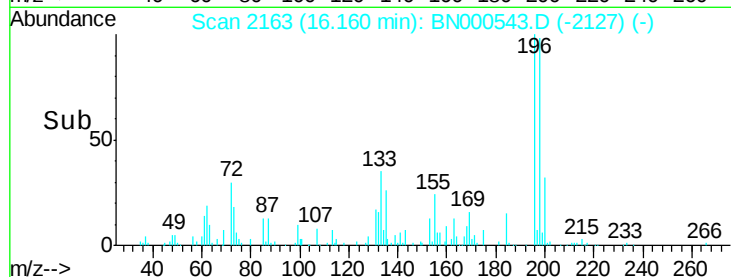
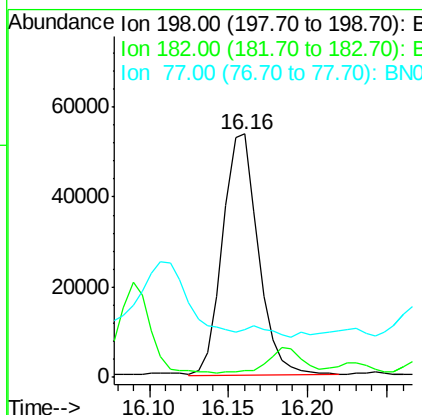
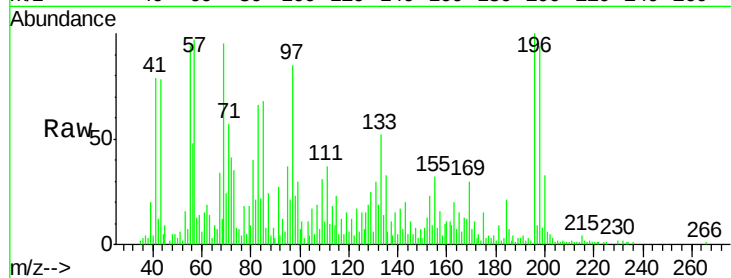




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 16.157 ng/ul  
 RT: 16.16 min Scan# 2163  
 Delta R.T. 0.01 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

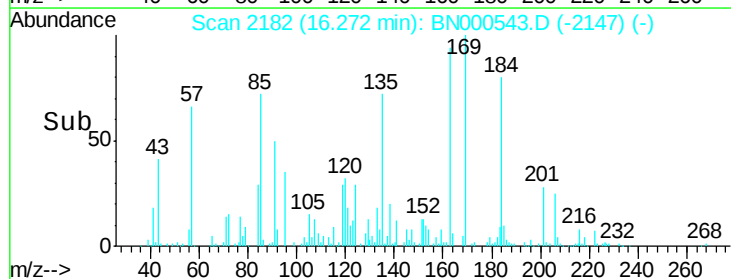
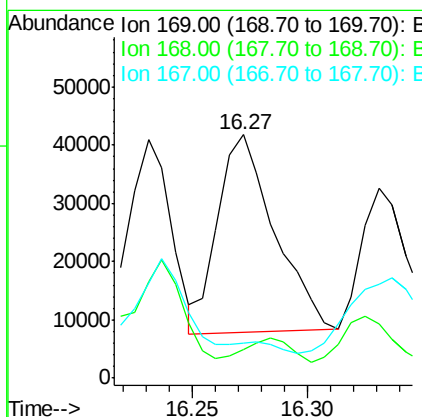
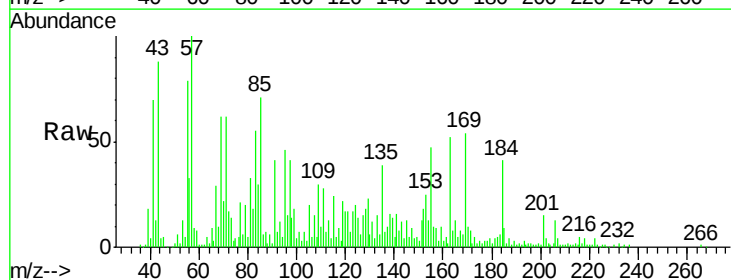
Instrument :  
 BNA\_N  
 ClientSampleId :

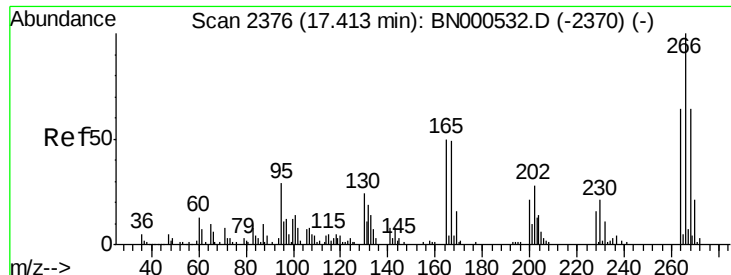
Tot Ion:198 Resp: 84104  
 Ion Ratio Lower Upper  
 198 100  
 182 2.6 3.5 5.3#  
 77 19.4 18.2 27.4



#64  
 N-Nitrosodiphenylamine  
 Concen: 2.043 ng/ul  
 RT: 16.27 min Scan# 2182  
 Delta R.T. 0.01 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:169 Resp: 57943  
 Ion Ratio Lower Upper  
 169 100  
 168 11.5 53.8 80.8#  
 167 14.4 29.5 44.3#

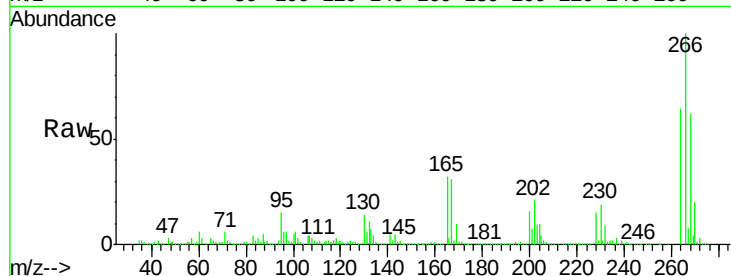




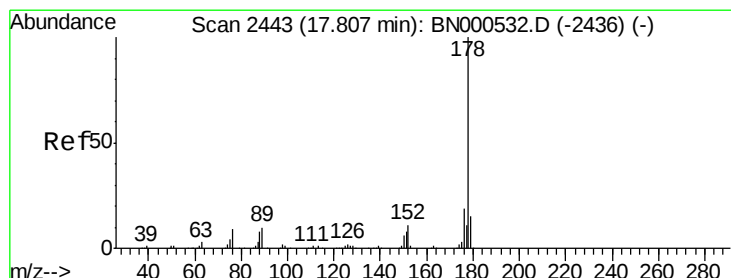
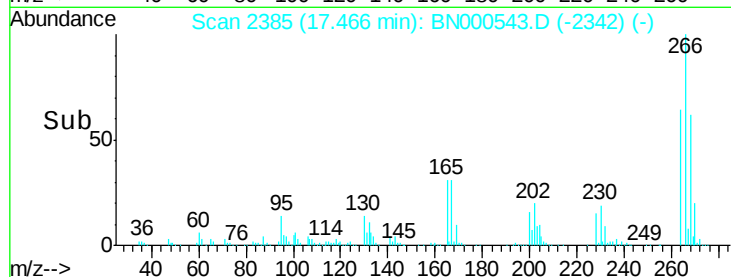
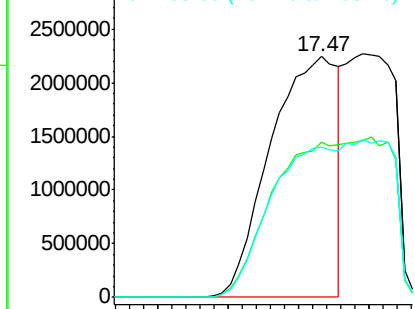
#68  
 Pentachlorophenol  
 Concen: 1519.864 ng/ul  
 RT: 17.47 min Scan# 2385  
 Delta R.T. 0.05 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:266 Resp: 7435036  
 Ion Ratio Lower Upper  
 266 100  
 264 64.3 48.2 72.4  
 268 62.2 52.3 78.5

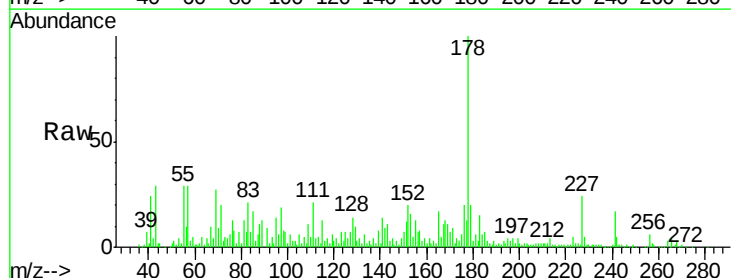


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

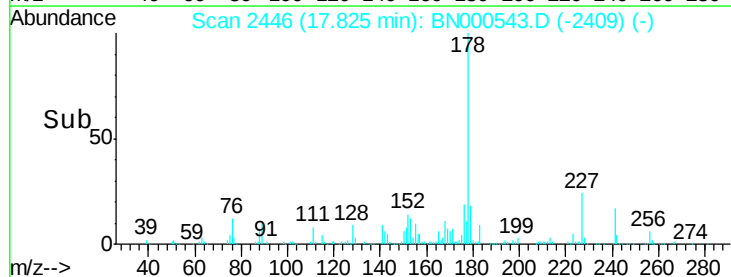
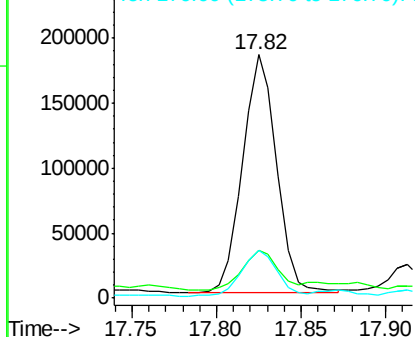


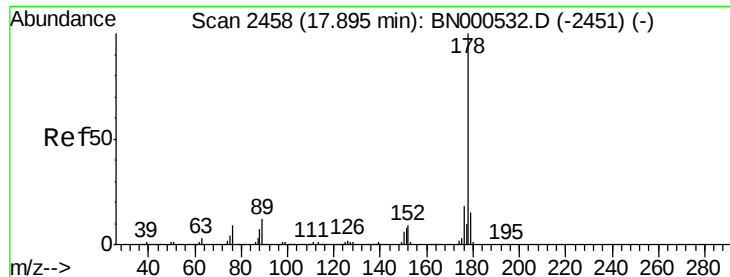
#69  
 Phenanthrene  
 Concen: 5.215 ng/ul  
 RT: 17.82 min Scan# 2446  
 Delta R.T. 0.02 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:178 Resp: 258657  
 Ion Ratio Lower Upper  
 178 100  
 179 19.8 12.3 18.5#  
 176 19.7 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E

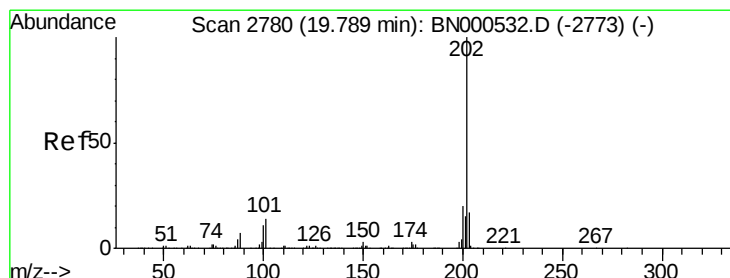
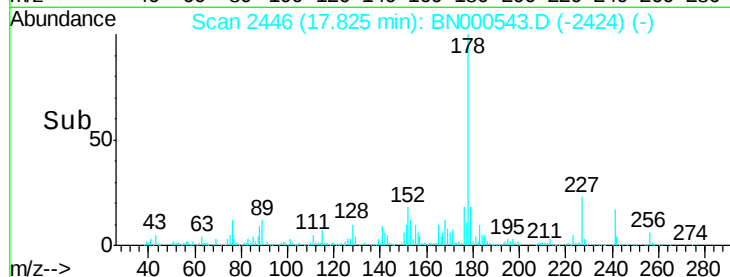
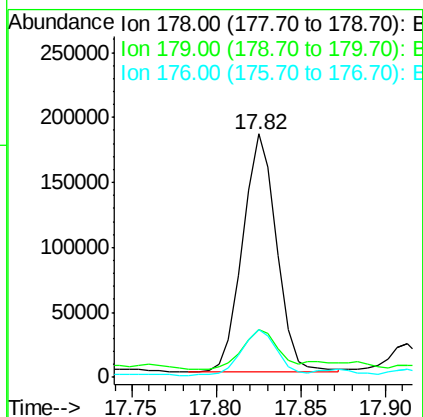
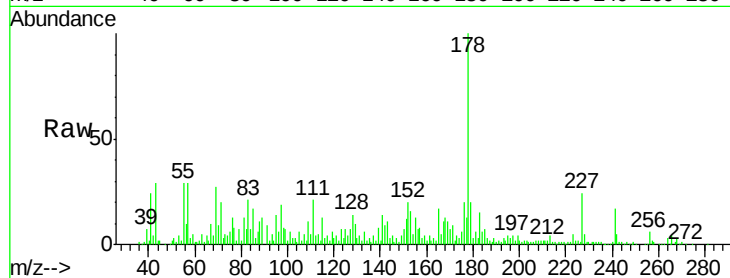




#71  
 Anthracene  
 Concen: 5.086 ng/ul  
 RT: 17.82 min Scan# 2446  
 Delta R.T. -0.07 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

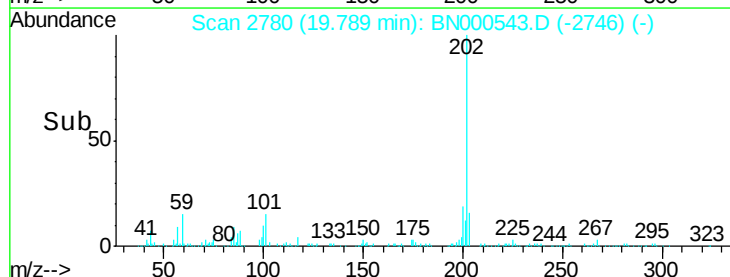
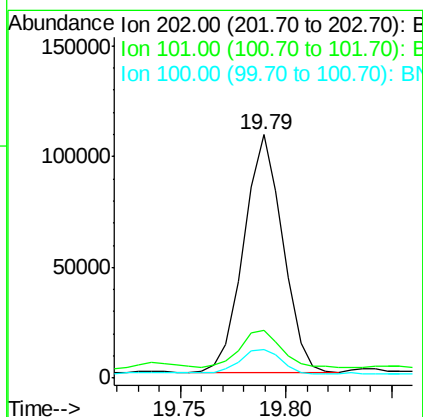
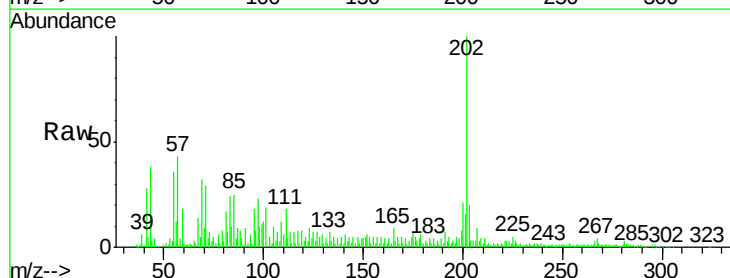
Instrument :  
 BNA\_N  
 ClientSampleId :

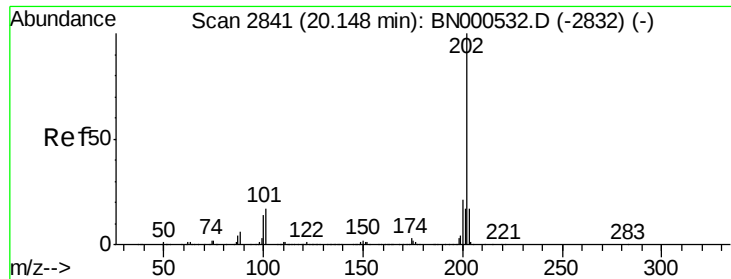
Tot Ion:178 Resp: 258657  
 Ion Ratio Lower Upper  
 178 100  
 179 19.8 13.4 20.2  
 176 19.7 15.4 23.0



#74  
 Fluoranthene  
 Concen: 2.818 ng/ul  
 RT: 19.79 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Tgt Ion:202 Resp: 138899  
 Ion Ratio Lower Upper  
 202 100  
 101 19.5 6.1 9.1#  
 100 11.6 4.6 7.0#





#77  
 Pvrene  
 Concen: 1.955 ng/ul  
 RT: 20.15 min Scan# 2841  
 Delta R.T. 0.00 min  
 Lab File: BN000543.D  
 Acq: 22 Mar 2018 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 21.8  | 6.9   | 10.3# |
| 100     | 15.3  | 5.6   | 8.4#  |

