

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\  
 Data File : BF102407.D  
 Acq On : 24 Jan 2018 23:14  
 Operator : SJ/JU  
 Sample : J1236-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 25 00:12:44 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 00:43:41 2018  
 Response via : Initial Calibration

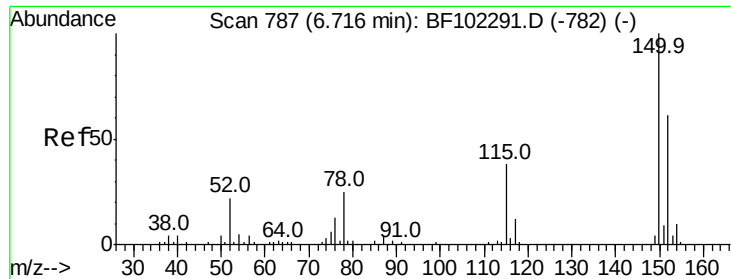
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 105351   | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 8.01  | 136  | 443493   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 228959   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.23 | 188  | 352045   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.87 | 240  | 235908   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.30 | 264  | 242216   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.34  | 112 | 427838 | 61.58  | ng | 0.02 |
| 7) Phenol-d6                | 6.37  | 99  | 947703 | 113.14 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.29  | 82  | 554044 | 71.79  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330 | 185248 | 81.66  | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.07  | 172 | 960939 | 61.71  | ng | 0.00 |
| 78) Terphenyl-d14           | 12.82 | 244 | 679419 | 64.93  | ng | 0.00 |

|                                |       |     |         |         |    |      |
|--------------------------------|-------|-----|---------|---------|----|------|
| Target Compounds               |       |     |         | Qvalue  |    |      |
| 4) n-Nitrosodimethylamine      | 3.08  | 42  | 8782    | 2.597   | ng | # 1  |
| 9) Benzaldehyde                | 6.28  | 77  | 83670   | 14.861  | ng | # 1  |
| 10) Phenol                     | 6.38  | 94  | 49763   | 5.442   | ng | # 87 |
| 12) 1,3-Dichlorobenzene        | 6.90  | 146 | 35784   | 4.131   | ng | # 96 |
| 14) 1,2-Dichlorobenzene        | 6.90  | 146 | 35784   | 4.509   | ng | # 44 |
| 15) Benzyl Alcohol             | 6.88  | 79  | 34746   | 5.879   | ng | # 44 |
| 17) 2-Methylphenol             | 6.99  | 107 | 95174   | 15.046  | ng | # 82 |
| 18) Hexachloroethane           | 7.22  | 117 | 58777   | 19.439  | ng | # 1  |
| 19) n-Nitroso-di-n-propylamine | 7.15  | 70  | 93792   | 18.297  | ng | # 64 |
| 20) 3+4-Methylphenols          | 7.14  | 107 | 142236  | 19.119  | ng | # 90 |
| 22) Acetophenone               | 7.12  | 105 | 453185  | 42.866  | ng | # 39 |
| 24) Nitrobenzene               | 7.30  | 77  | 43330   | 5.486   | ng | # 37 |
| 25) Isophorone                 | 7.54  | 82  | 153154  | 11.132  | ng | # 1  |
| 26) 2-Nitrophenol              | 7.63  | 139 | 21247   | 5.112   | ng | # 1  |
| 27) 2,4-Dimethylphenol         | 7.67  | 122 | 45490   | 7.537   | ng | # 54 |
| 29) 2,4-Dichlorophenol         | 7.85  | 162 | 16300   | 2.651   | ng | # 20 |
| 31) Naphthalene                | 8.03  | 128 | 1407161 | 63.549  | ng | # 99 |
| 32) Benzoic acid               | 7.80  | 122 | 27945   | 5.526   | ng | # 64 |
| 37) 2-Methylnaphthalene        | 8.71  | 142 | 299620  | 20.318  | ng | # 98 |
| 49) Dimethylphthalate          | 9.47  | 163 | 171940  | 9.085   | ng | # 99 |
| 52) 3-Nitroaniline             | 9.95  | 138 | 128479  | 26.618  | ng | # 46 |
| 53) 2,4-Dinitrophenol          | 10.00 | 184 | 248     | 3.825   | ng | # 1  |
| 66) 4-Bromophenyl-phenylether  | 10.54 | 248 | 12608   | 3.327   | ng | # 1  |
| 69) Pentachlorophenol          | 11.05 | 266 | 9699    | 4.356   | ng | # 95 |
| 73) Di-n-butylphthalate        | 11.82 | 149 | 4417874 | 173.019 | ng | # 99 |
| 79) Butylbenzylphthalate       | 13.25 | 149 | 50732   | 5.589   | ng | # 30 |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149 | 79739   | 6.537   | ng | # 98 |

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



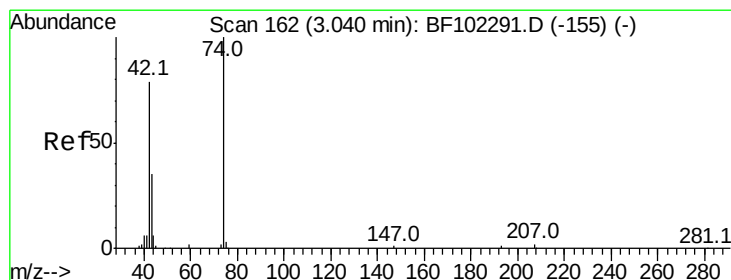
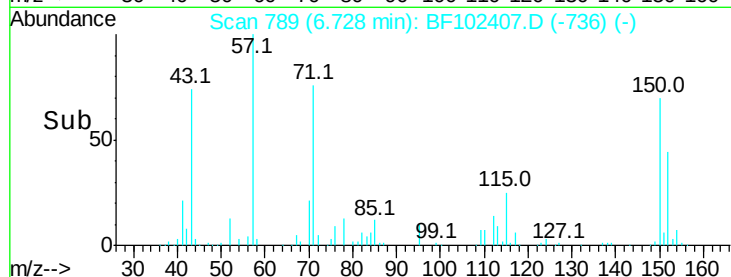
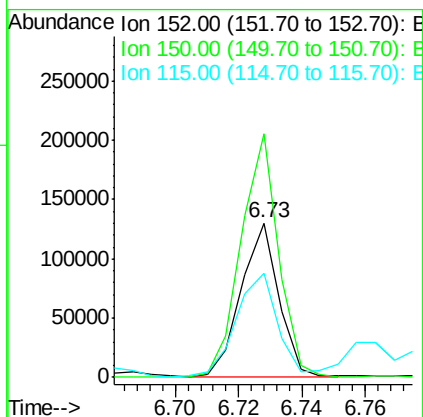
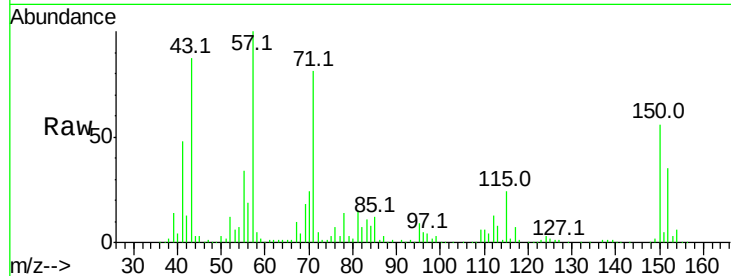


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 789  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampleId :

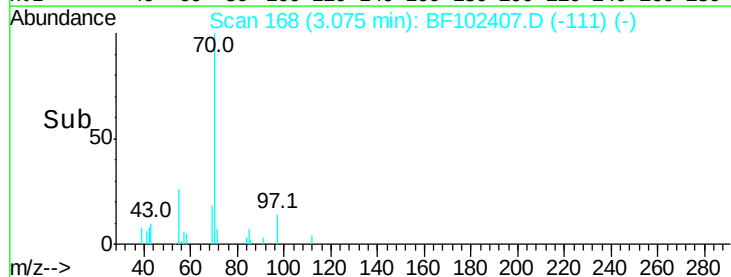
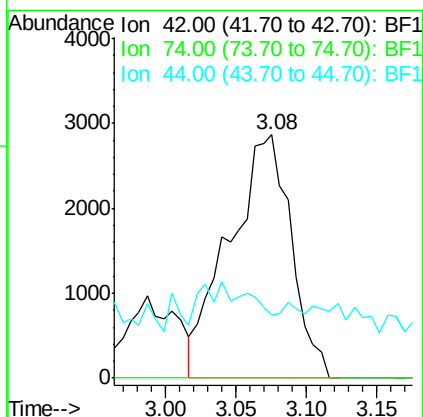
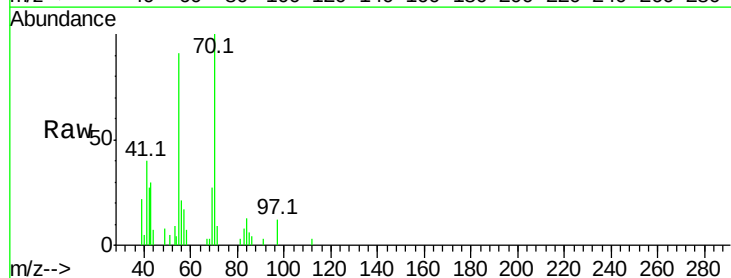
Tot Ion:152 Resp: 105351  
Ion Ratio Lower Upper  
152 100  
150 158.1 124.6 186.8  
115 67.8 50.1 75.1

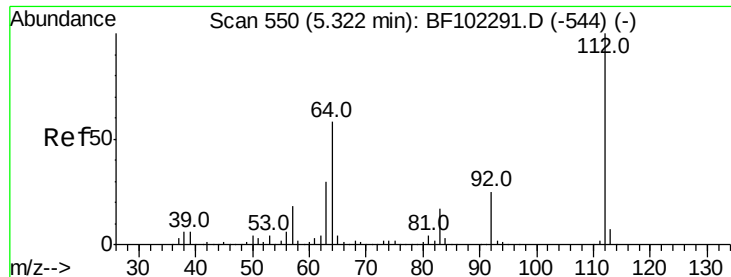


#4

n-Nitrosodimethylamine  
Concen: 2.597 ng  
RT: 3.08 min Scan# 168  
Delta R.T. 0.04 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion: 42 Resp: 8782  
Ion Ratio Lower Upper  
42 100  
74 0.0 104.9 157.3#  
44 25.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 61.576 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :

BNA\_F

ClientSampled :

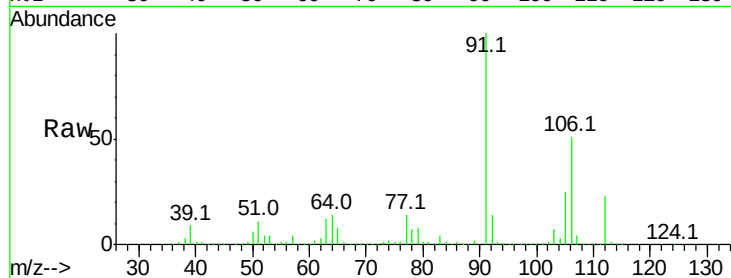
Tot Ion:112 Resp: 427838

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

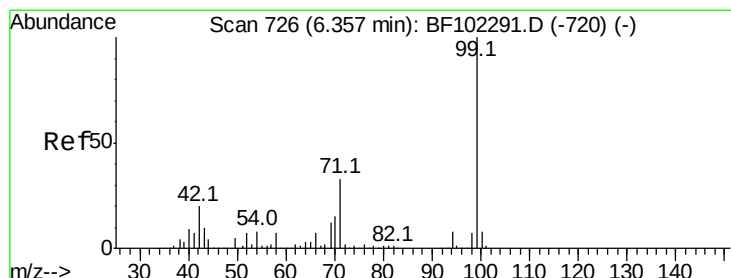
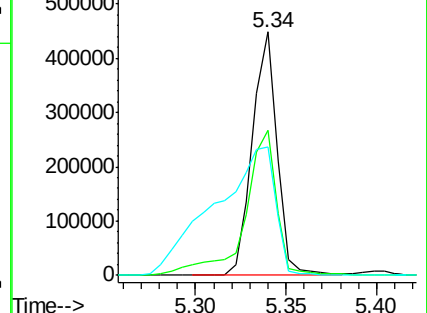
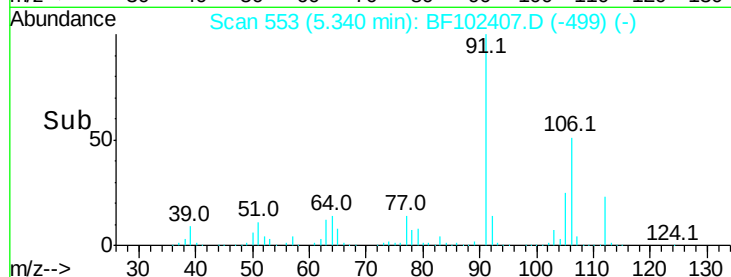
63 52.7 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 113.138 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

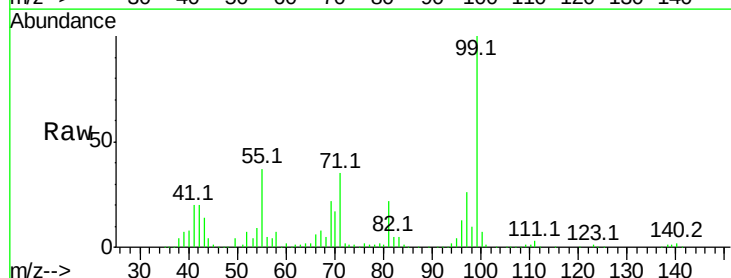
Tgt Ion: 99 Resp: 947703

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

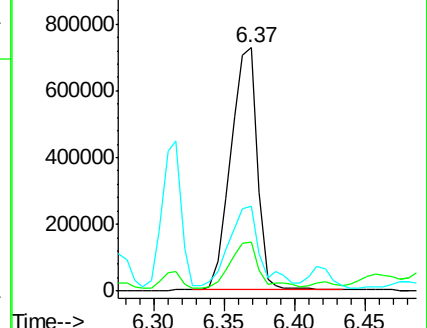
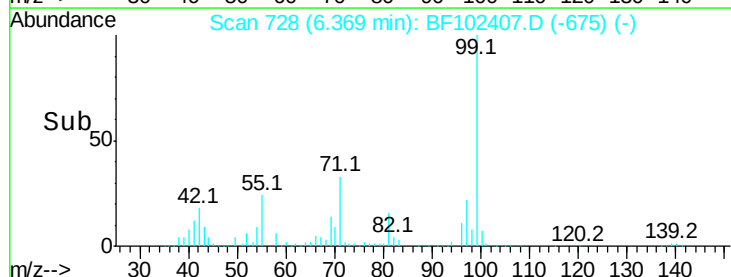
71 34.9 25.4 38.0

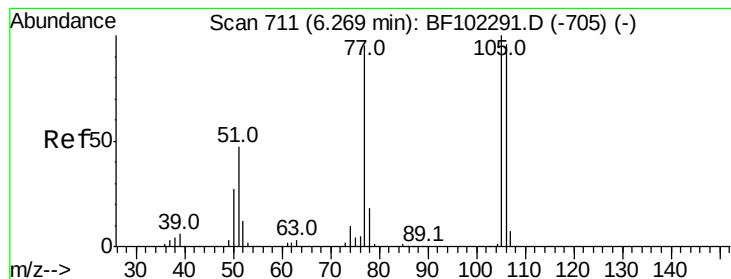


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 14.861 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :

BNA\_F

ClientSampled :

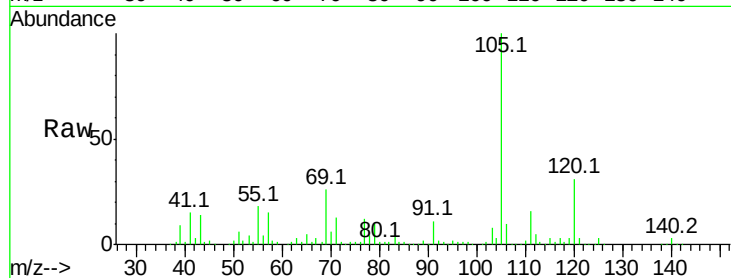
Tot Ion: 77 Resp: 83670

Ion Ratio Lower Upper

77 100

105 838.2 81.1 121.1#

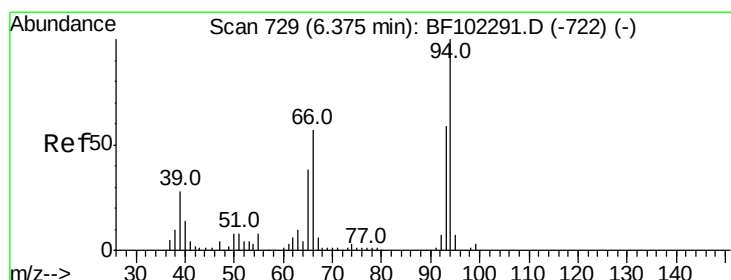
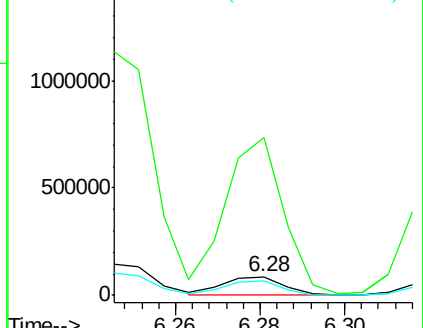
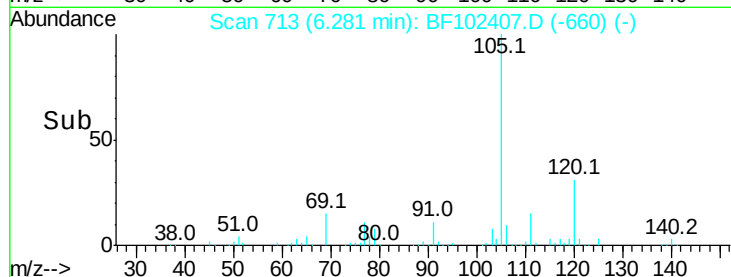
106 79.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 5.442 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

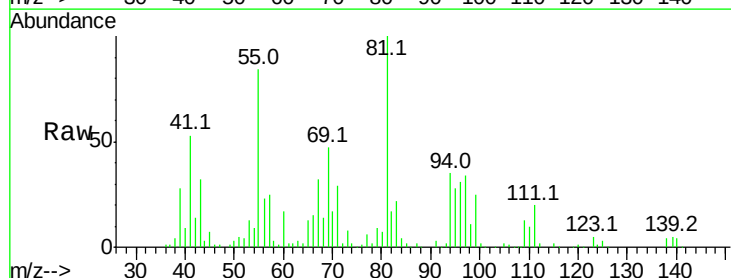
Tgt Ion: 94 Resp: 49763

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

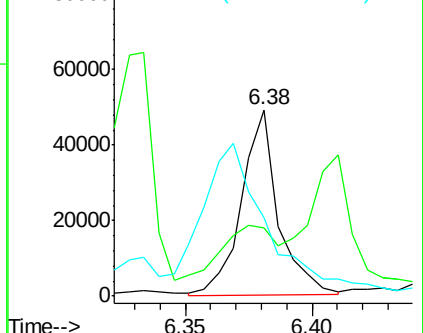
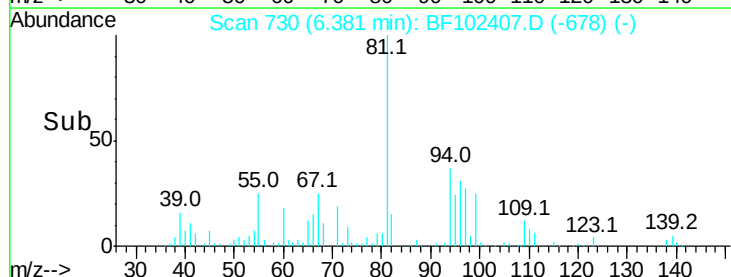
66 42.0 16.2 56.2

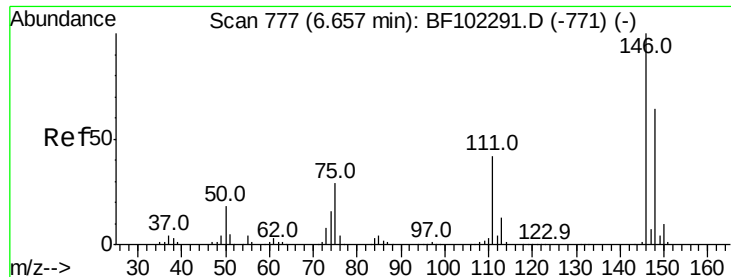


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#12

1,3-Dichlorobenzene

Concen: 4.131 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.24 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :

BNA\_F

ClientSampled :

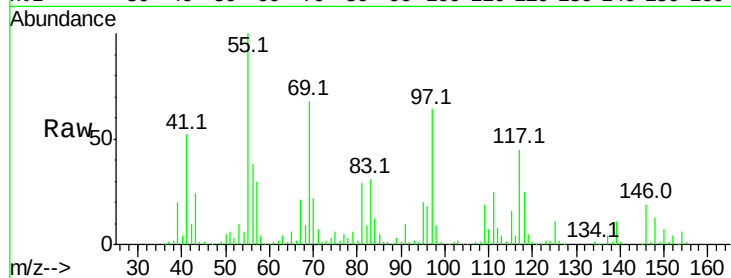
Tot Ion:146 Resp: 35784

Ion Ratio Lower Upper

146 100

148 67.6 51.8 77.8

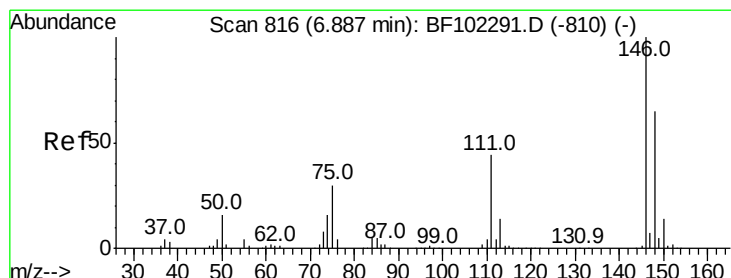
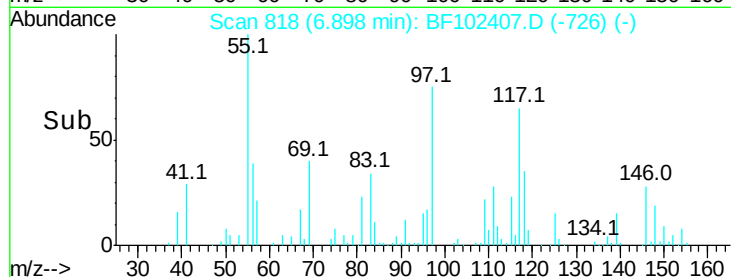
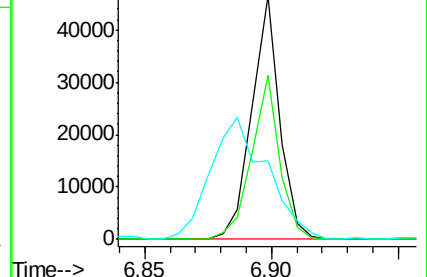
75 32.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#14

1,2-Dichlorobenzene

Concen: 4.509 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

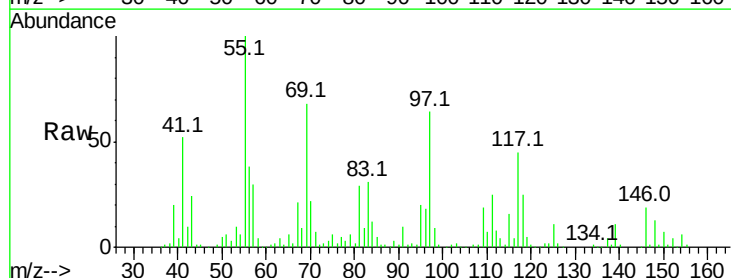
Tgt Ion:146 Resp: 35784

Ion Ratio Lower Upper

146 100

148 67.6 50.6 75.8

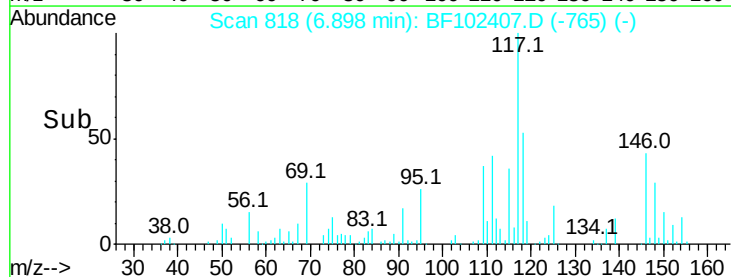
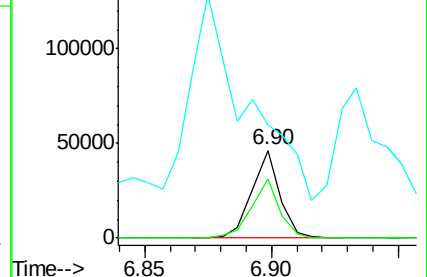
111 128.3 36.0 54.0#

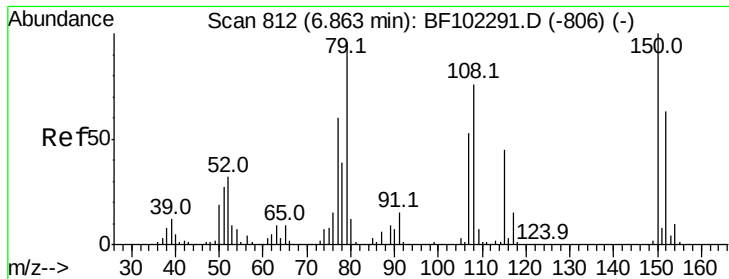


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

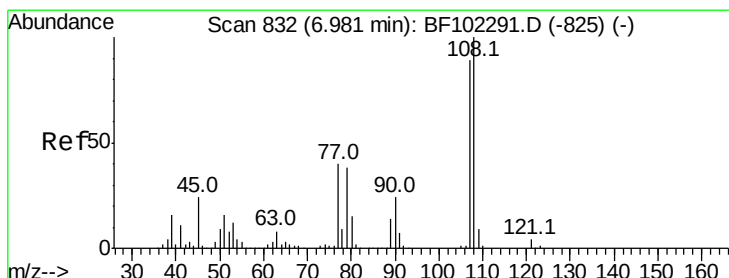
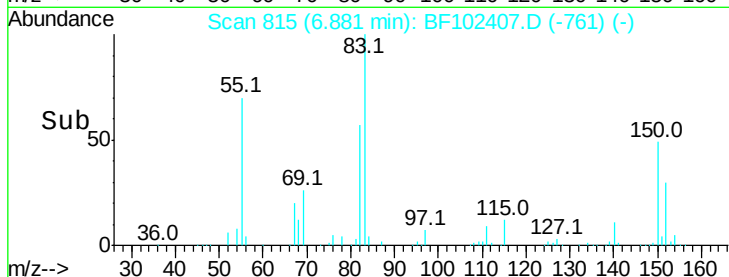
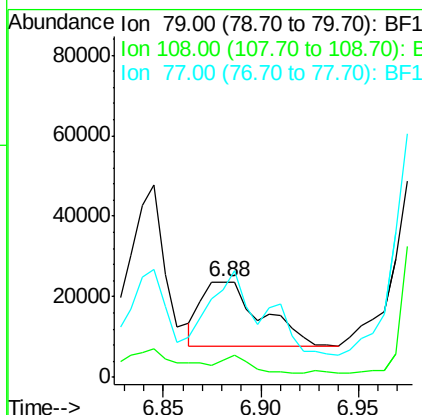
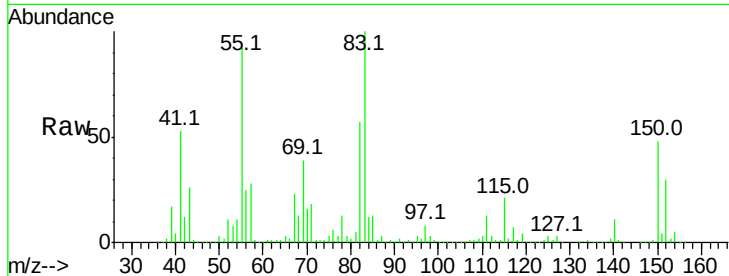




#15  
Benzyl Alcohol  
Concen: 5.879 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.02 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

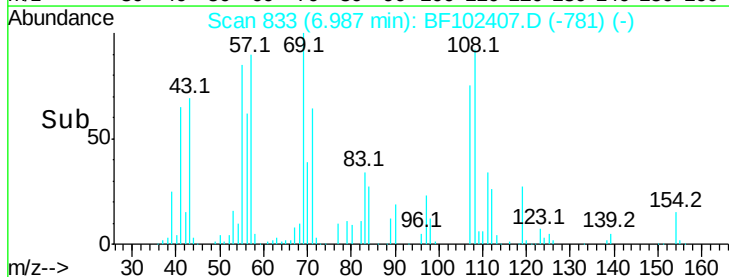
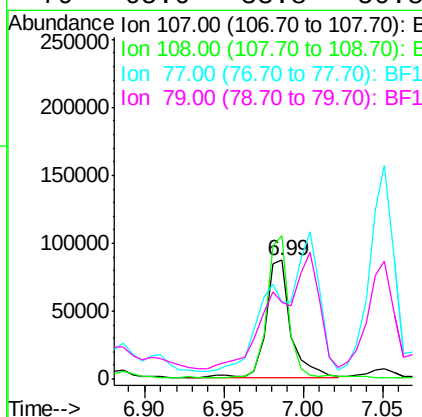
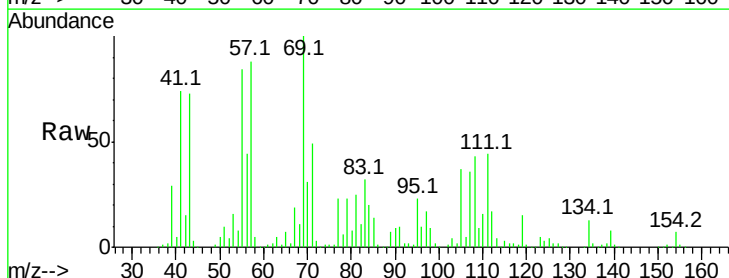
Instrument :  
BNA\_F  
ClientSampled :

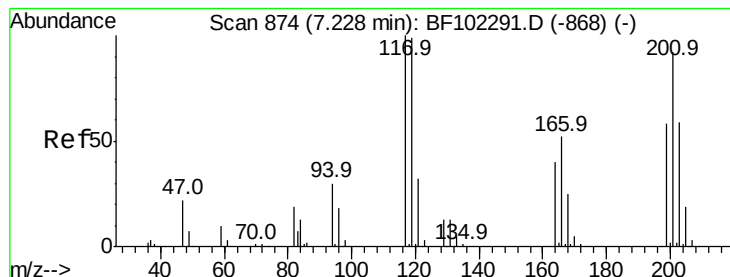
Tot Ion: 79 Resp: 34746  
Ion Ratio Lower Upper  
79 100  
108 17.9 65.1 97.7#  
77 92.1 50.6 75.8#



#17  
2-Methylphenol  
Concen: 15.046 ng  
RT: 6.99 min Scan# 833  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion: 107 Resp: 95174  
Ion Ratio Lower Upper  
107 100  
108 120.4 91.7 137.5  
77 64.6 33.8 50.8#  
79 65.0 33.8 50.8#





#18

Hexachloroethane

Concen: 19.439 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :

BNA\_F

ClientSampleId :

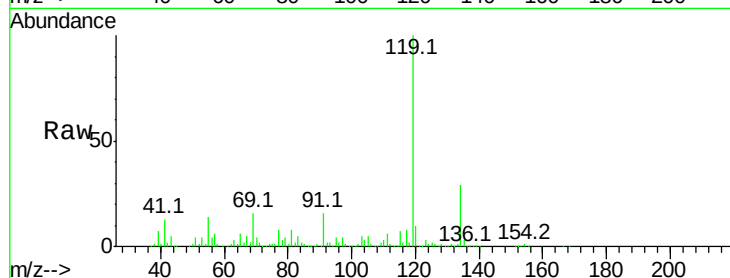
Tot Ion:117 Resp: 58777

Ion Ratio Lower Upper

117 100

119 1240.5 75.8 113.8#

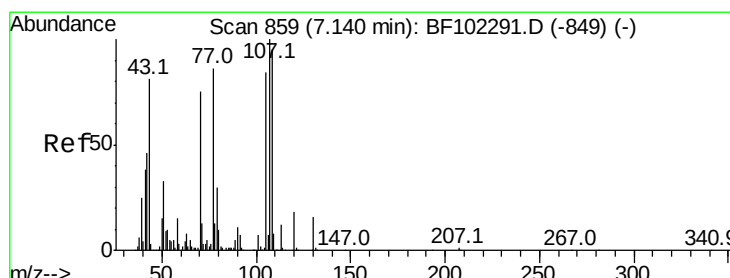
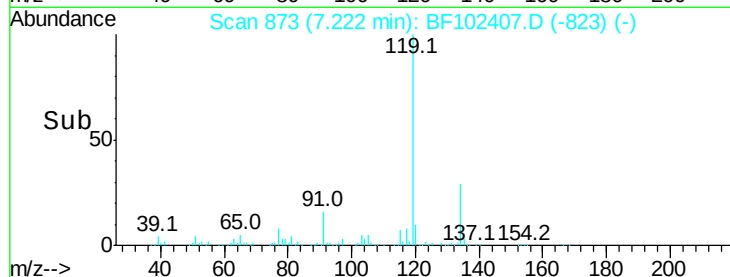
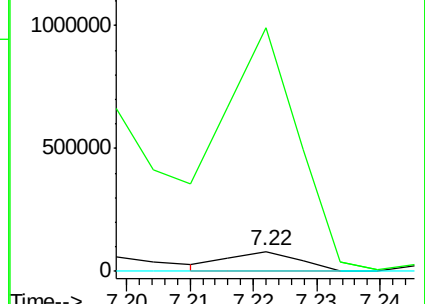
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 18.297 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Tgt Ion: 70 Resp: 93792

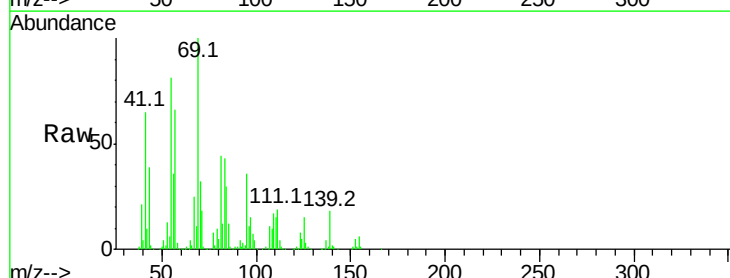
Ion Ratio Lower Upper

70 100

42 33.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

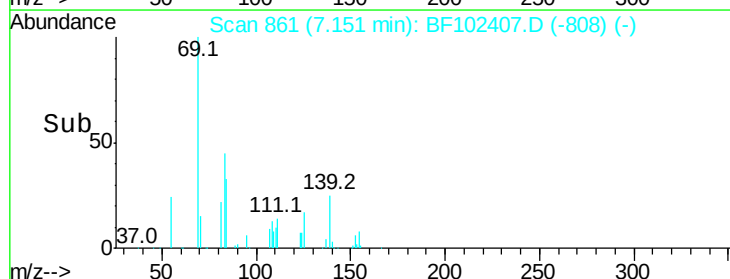
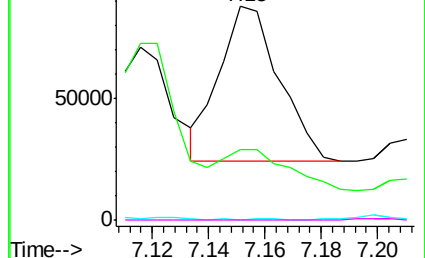


Abundance Ion 70.00 (69.70 to 70.70): BF1

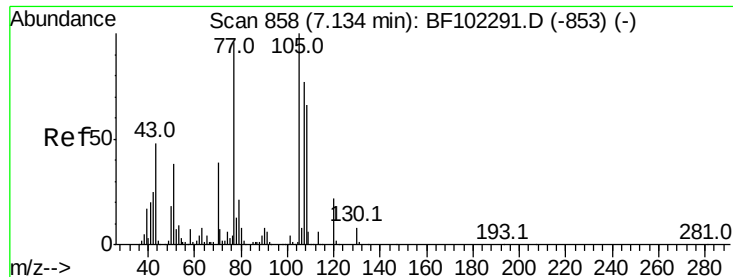
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



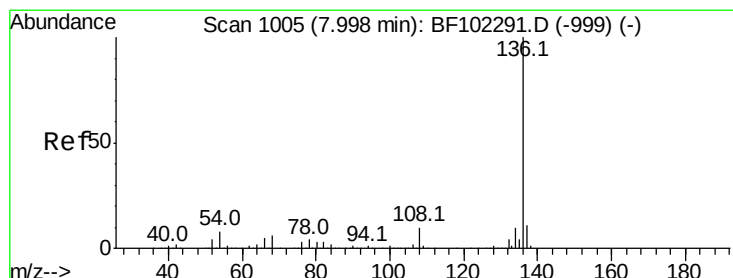
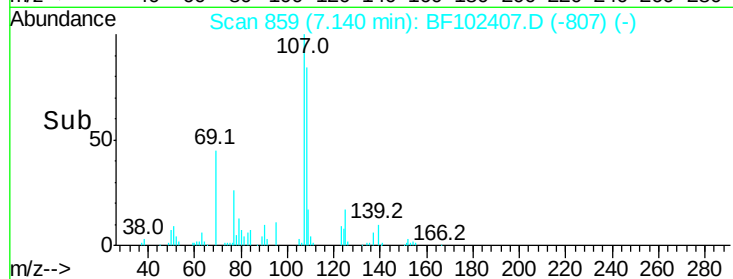
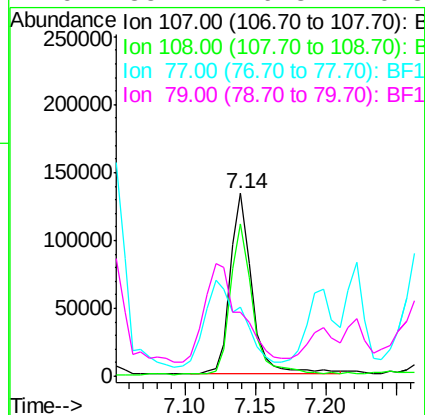
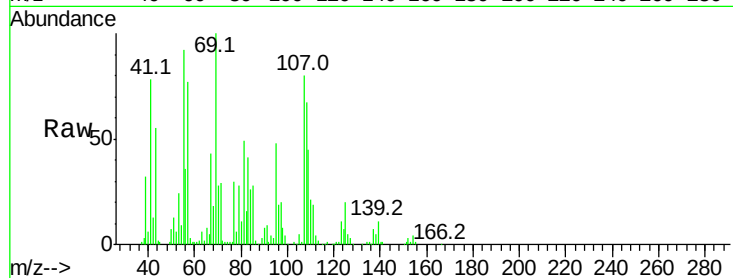




#20  
3+4-Methylphenols  
Concen: 19.119 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

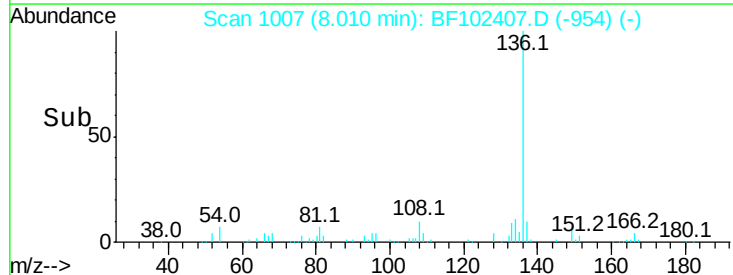
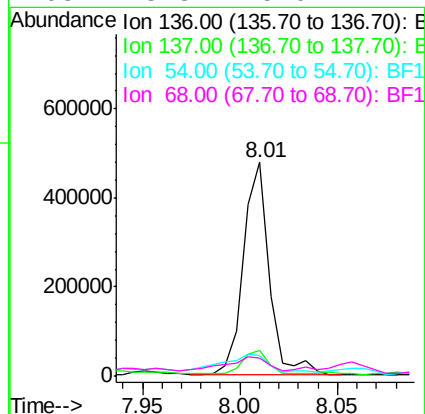
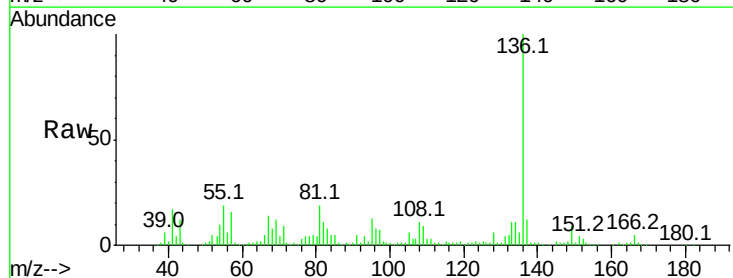
Instrument :  
BNA\_F  
ClientSampled :

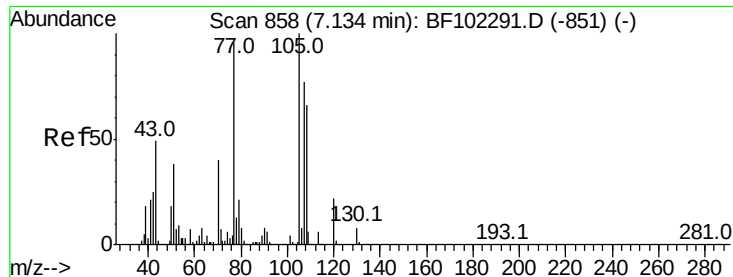
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 142236 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.4  | 68.2  | 108.2  |
| 77       | 37.6  | 26.7  | 66.7   |
| 79       | 35.2  | 6.3   | 46.3   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 443493 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.9  | 8.9   | 13.3   |
| 54       | 9.8   | 6.6   | 9.8    |
| 68       | 8.3   | 5.0   | 7.4#   |





#22

Acetophenone

Concen: 42.866 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:105 Resp: 453185

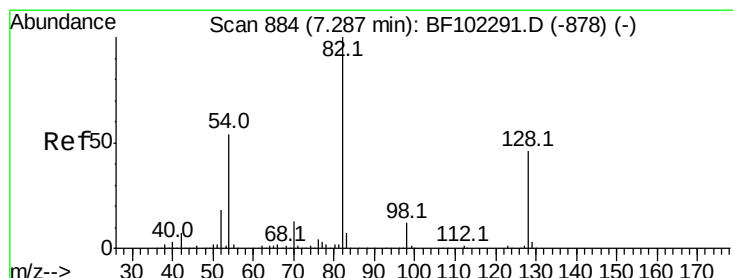
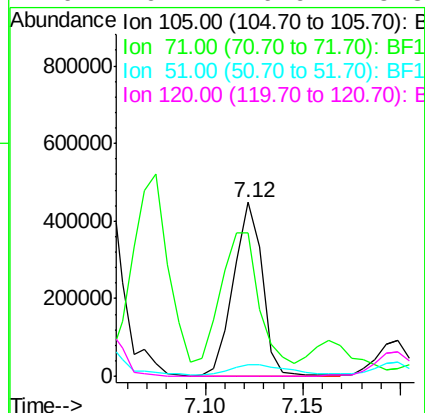
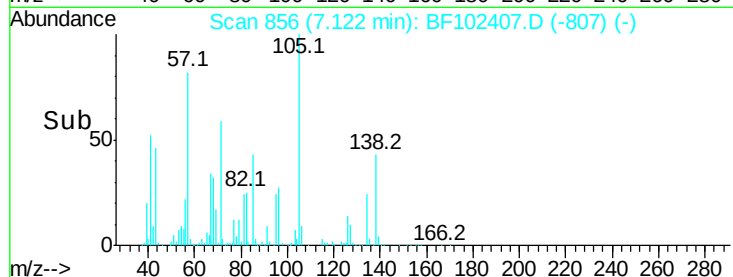
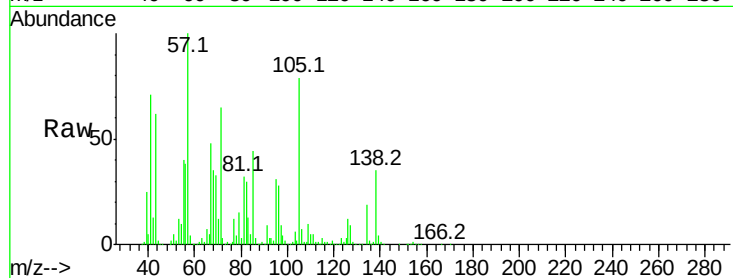
Ion Ratio Lower Upper

105 100

71 82.4 4.4 6.6#

51 6.9 22.3 33.5#

120 0.2 16.9 25.3#



#23

Nitrobenzene-d5

Concen: 71.792 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

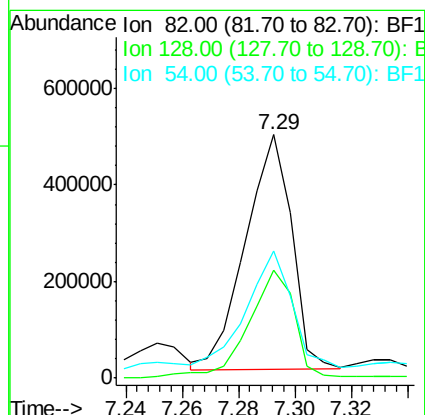
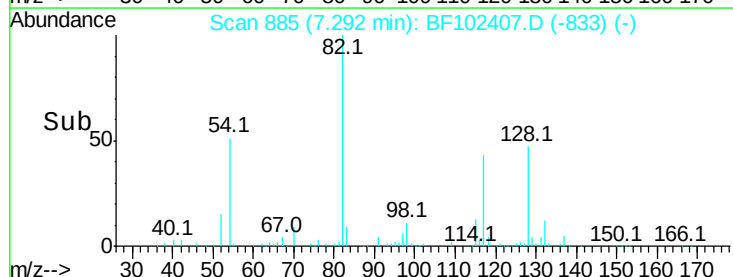
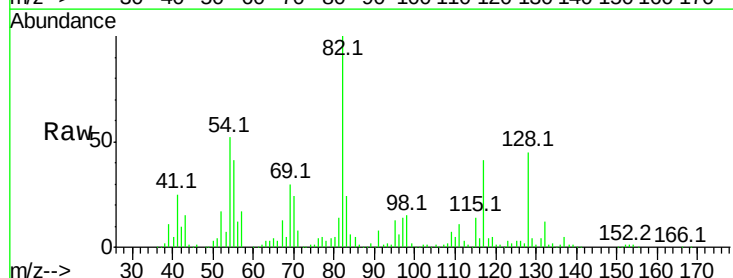
Tgt Ion: 82 Resp: 554044

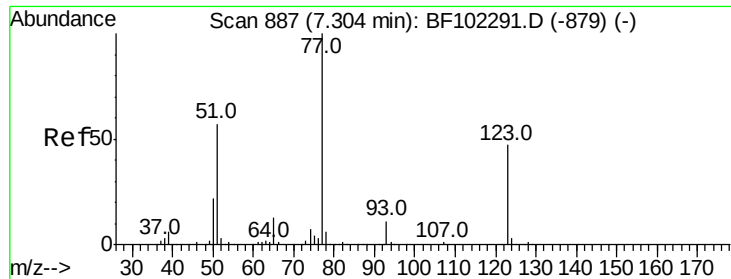
Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

54 52.1 41.4 62.2

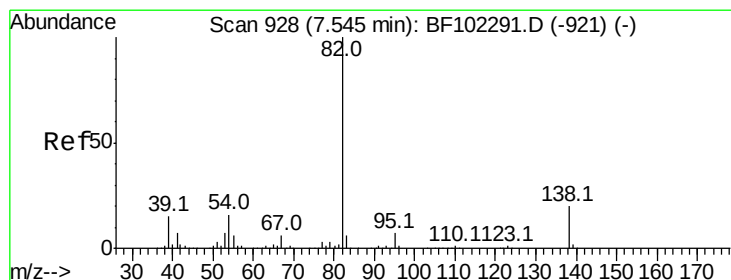
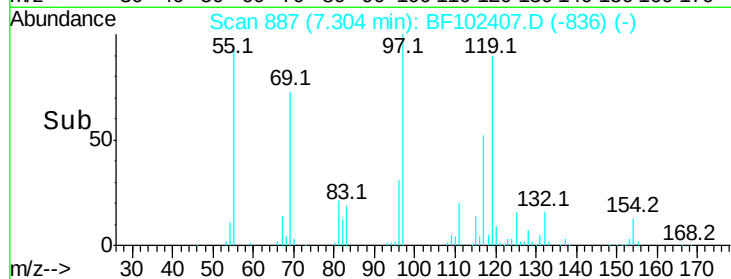
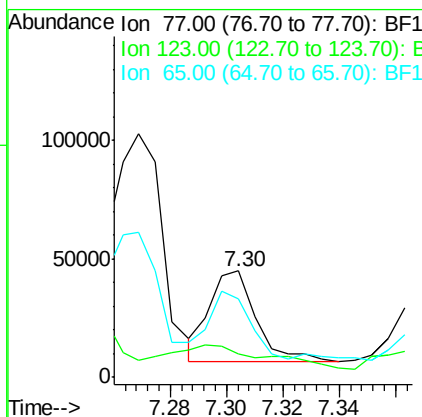
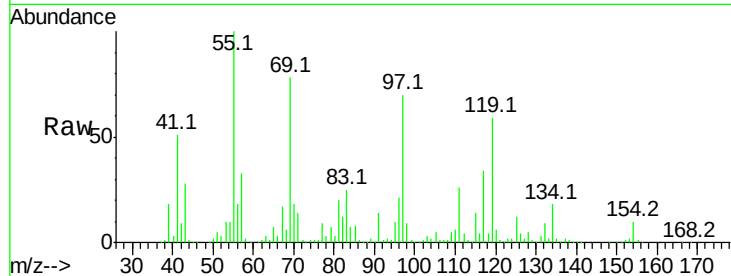




#24  
 Nitrobenzene  
 Concen: 5.486 ng  
 RT: 7.30 min Scan# 887  
 Delta R.T. -0.00 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

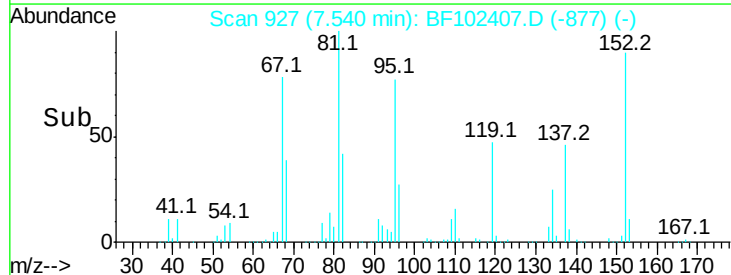
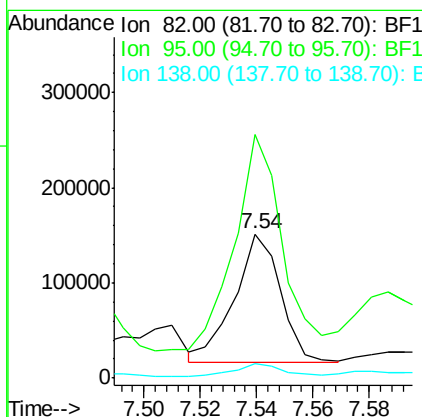
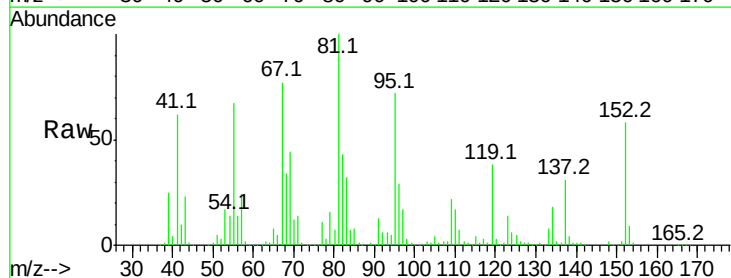
Instrument :  
 BNA\_F  
 ClientSampleId :

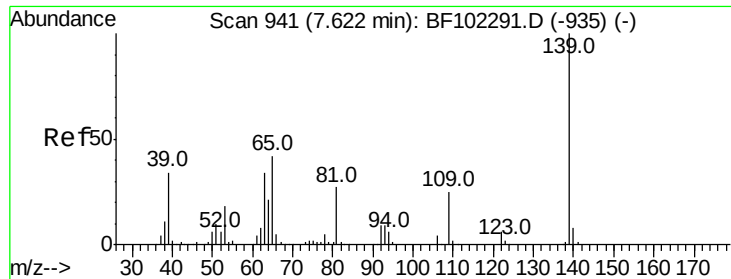
Tot Ion: 77 Resp: 43330  
 Ion Ratio Lower Upper  
 77 100  
 123 22.1 37.9 56.9#  
 65 74.4 11.0 16.4#



#25  
 Isophorone  
 Concen: 11.132 ng  
 RT: 7.54 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Tgt Ion: 82 Resp: 153154  
 Ion Ratio Lower Upper  
 82 100  
 95 169.2 5.2 7.8#  
 138 9.8 14.9 22.3#

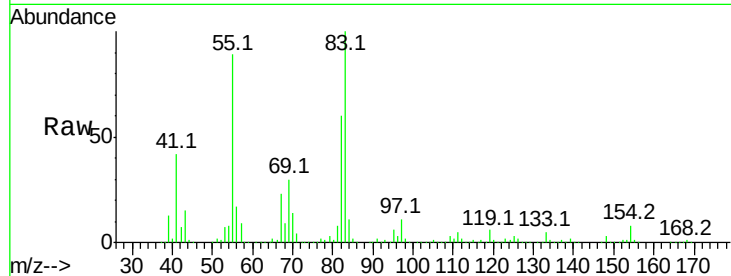




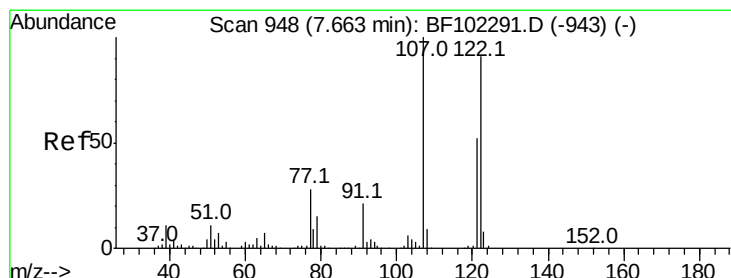
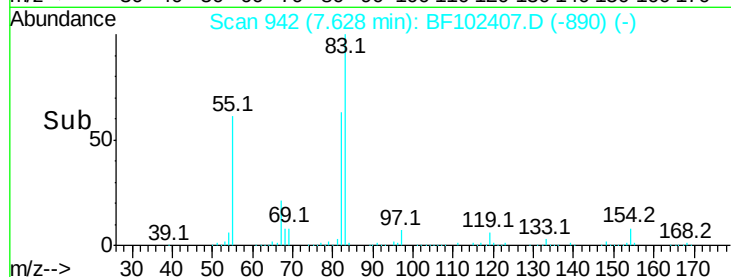
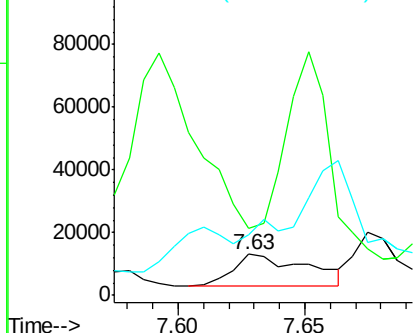
#26  
2-Nitrophenol  
Concen: 5.112 ng  
RT: 7.63 min Scan# 942  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:139 Resp: 21247  
Ion Ratio Lower Upper  
139 100  
109 164.9 22.7 34.1#  
65 147.0 40.5 60.7#

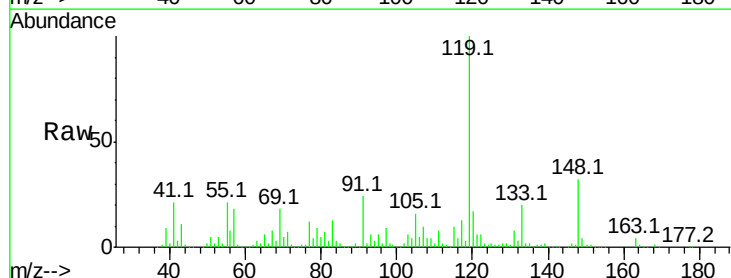


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

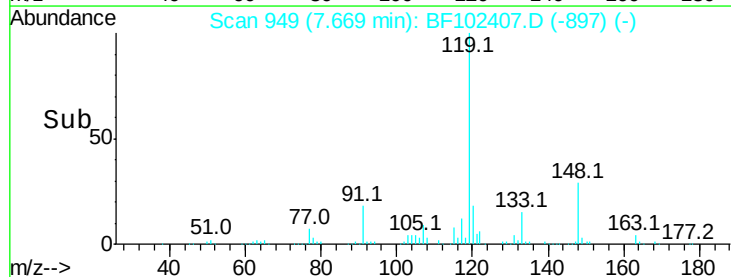
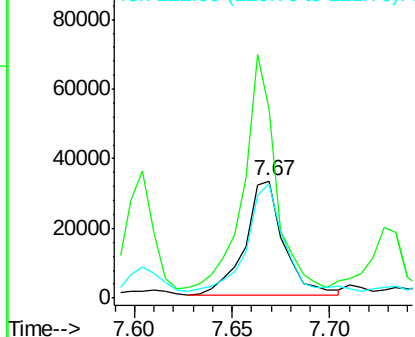


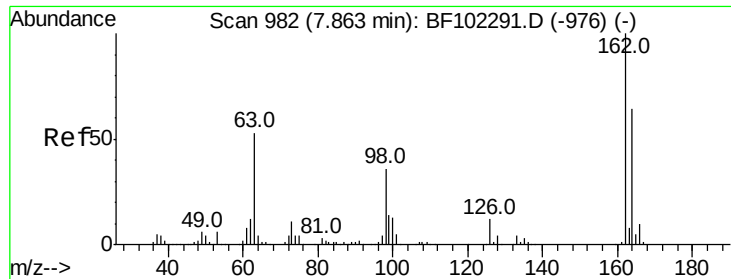
#27  
2,4-Dimethylphenol  
Concen: 7.537 ng  
RT: 7.67 min Scan# 949  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion:122 Resp: 45490  
Ion Ratio Lower Upper  
122 100  
107 161.6 91.2 136.8#  
121 97.2 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

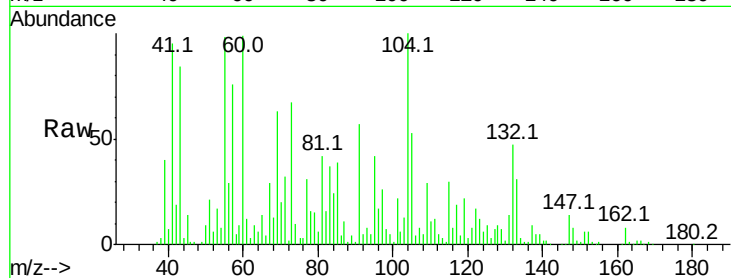




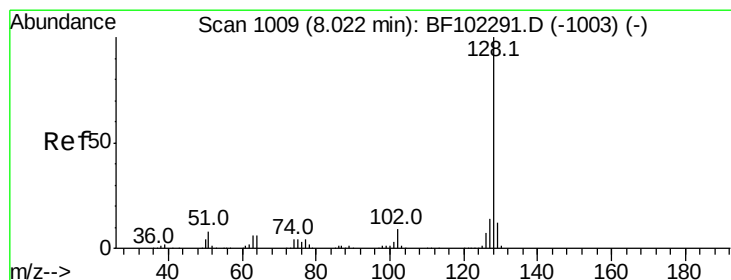
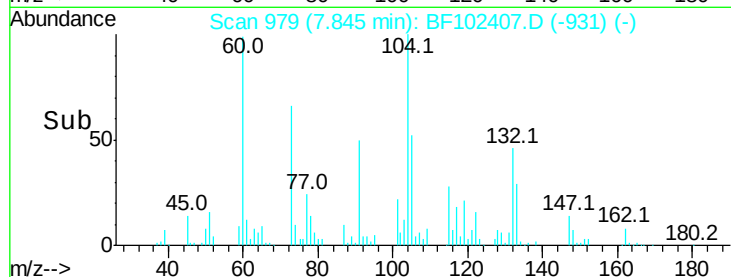
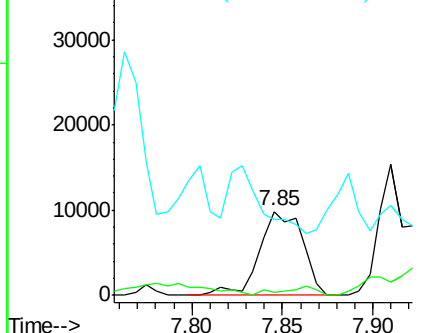
#29  
2,4-Dichlorophenol  
Concen: 2.651 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.02 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 16300  
Ion Ratio Lower Upper  
162 100  
164 3.9 42.7 82.7#  
98 90.8 18.1 58.1#

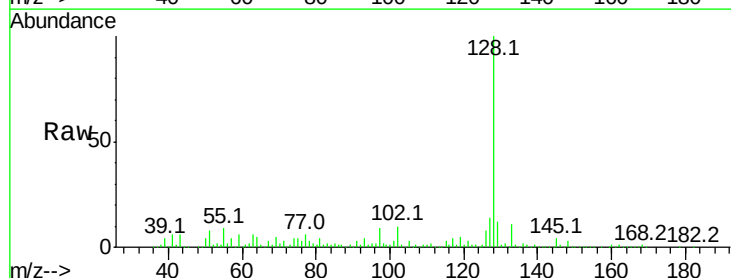


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

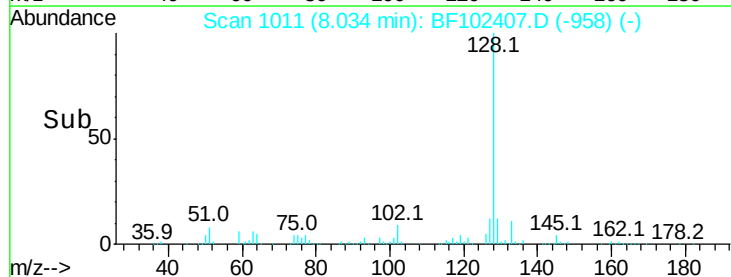
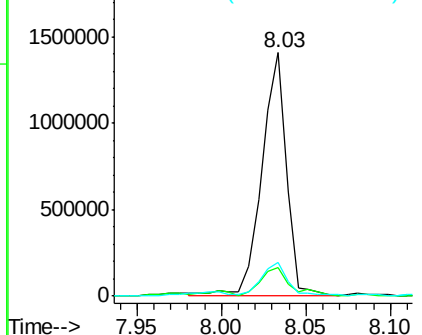


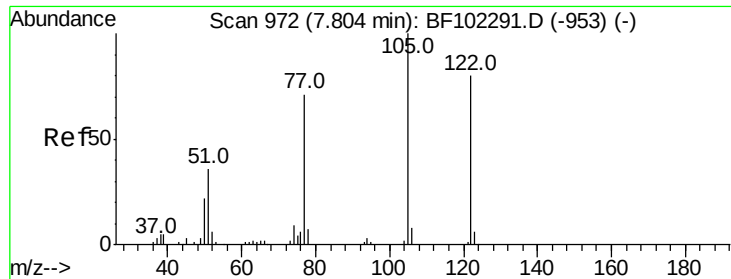
#31  
Naphthalene  
Concen: 63.549 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion:128 Resp: 1407161  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.8 13.2  
127 13.8 10.9 16.3



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

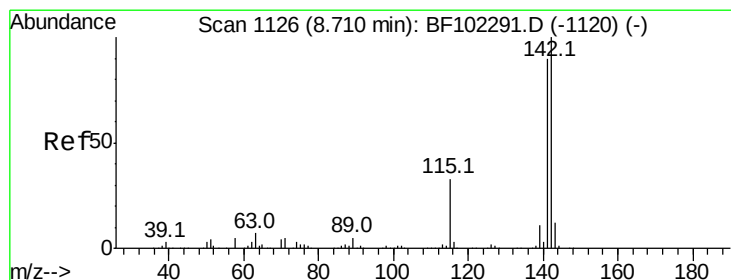
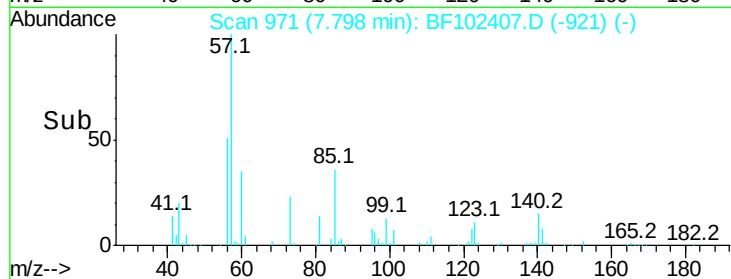
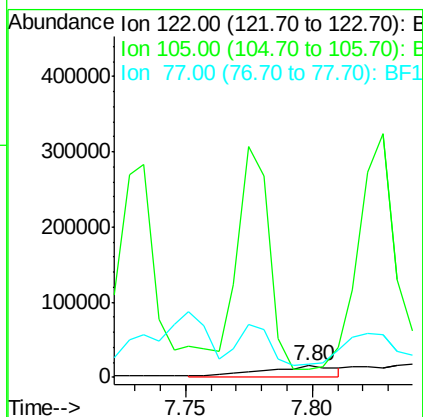
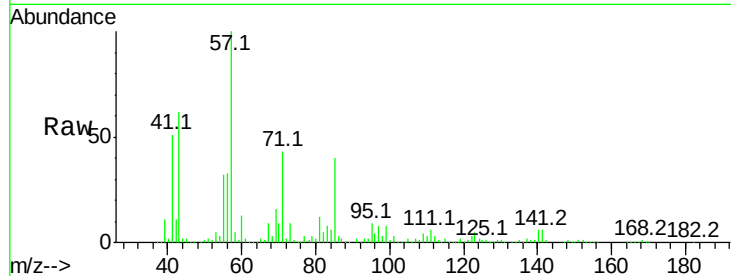




#32  
Benzoic acid  
Concen: 5.526 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

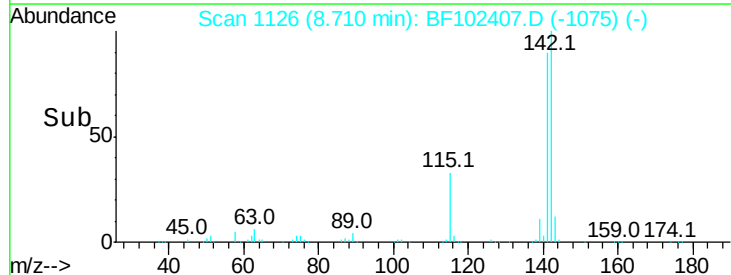
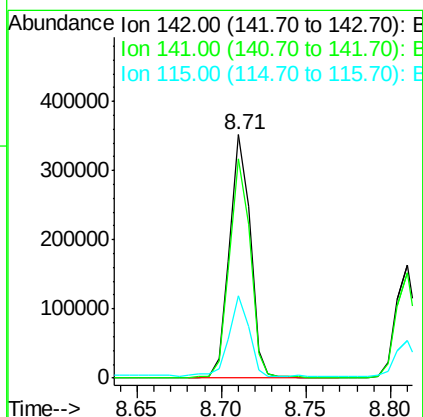
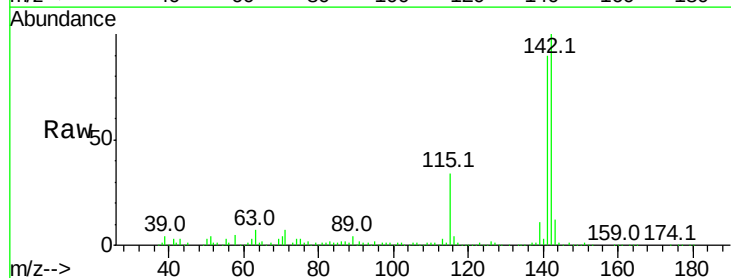
Instrument :  
BNA\_F  
ClientSampleId :

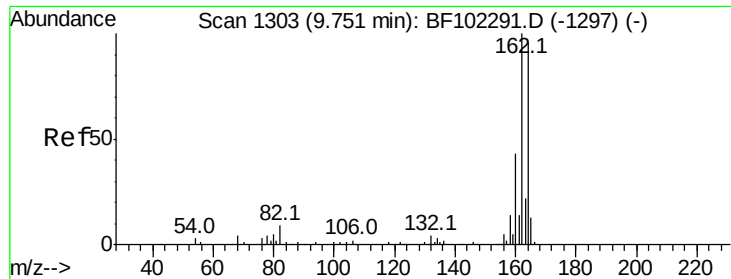
Tot Ion:122 Resp: 27945  
Ion Ratio Lower Upper  
122 100  
105 66.6 101.1 141.1#  
77 109.0 70.7 110.7



#37  
2-Methylnaphthalene  
Concen: 20.318 ng  
RT: 8.71 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion:142 Resp: 299620  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.8 106.2  
115 33.7 26.1 39.1

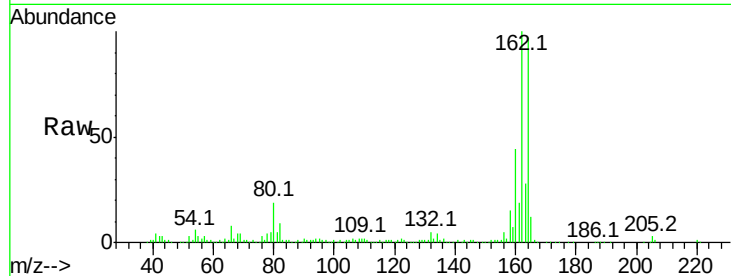




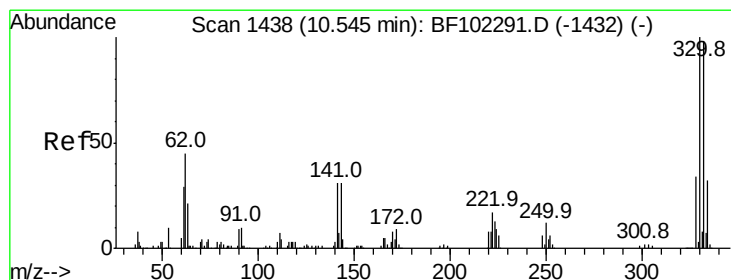
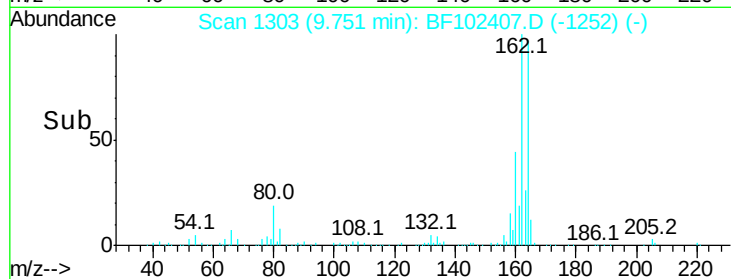
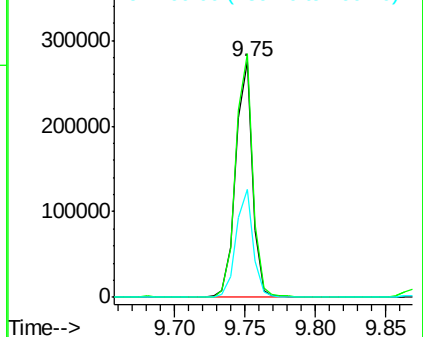
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.75 min Scan# 1303  
 Delta R.T. -0.00 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:164 Resp: 228959  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 86.1 129.1  
 160 45.8 38.3 57.5

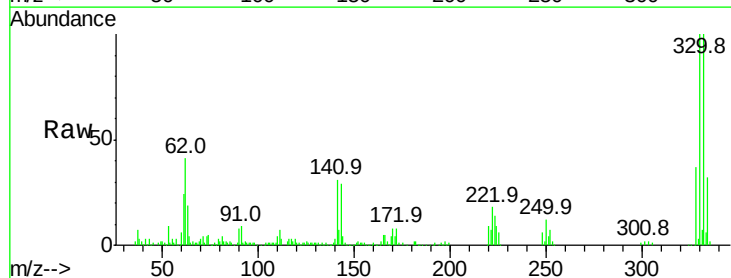


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

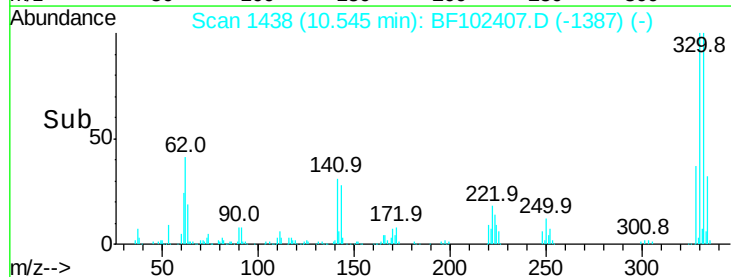
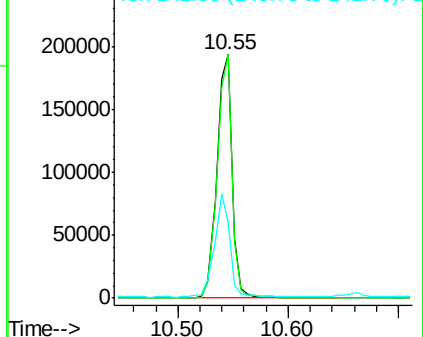


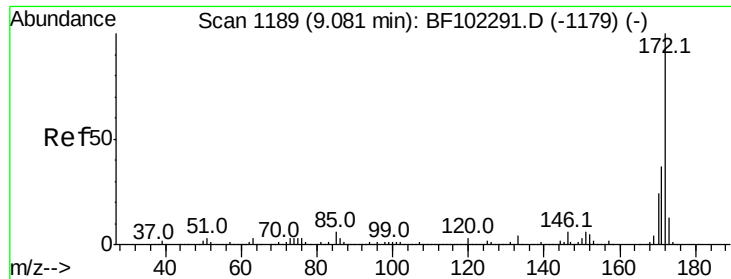
#41  
 2,4,6-Tribromophenol  
 Concen: 81.655 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. -0.00 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Tgt Ion:330 Resp: 185248  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 77.0 115.6  
 141 42.6 29.9 44.9



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

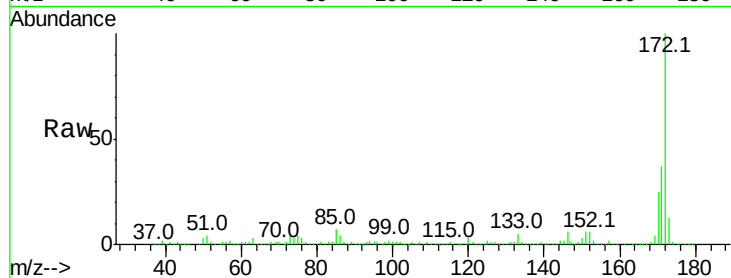




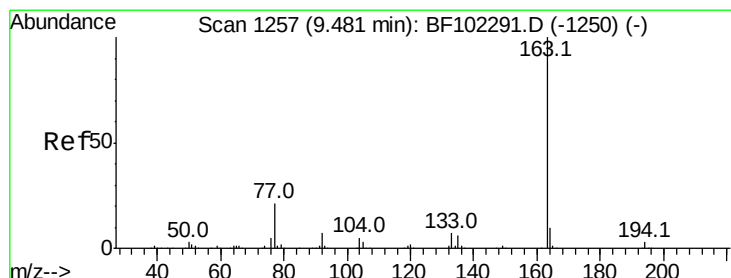
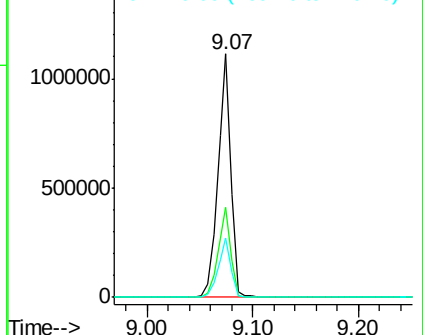
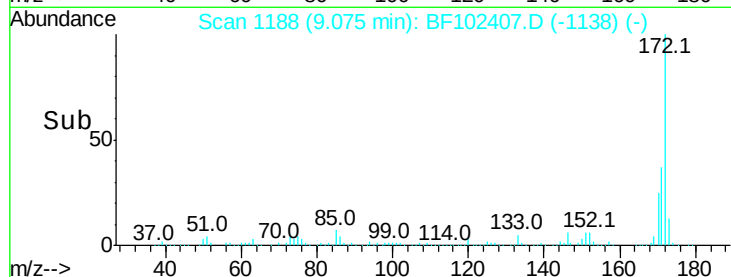
#44  
2-Fluorobiphenyl  
Concen: 61.711 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:172 Resp: 960939  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.7 44.5  
170 24.6 19.6 29.4

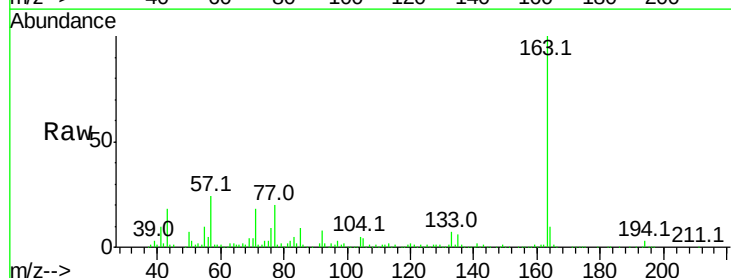


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

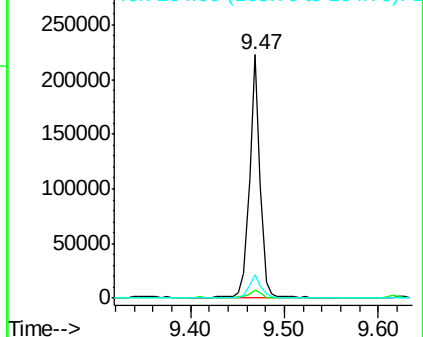
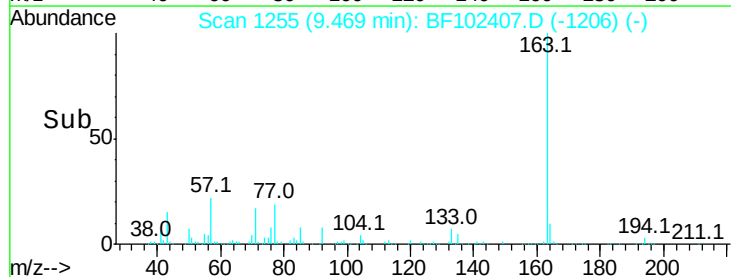


#49  
Dimethylphthalate  
Concen: 9.085 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

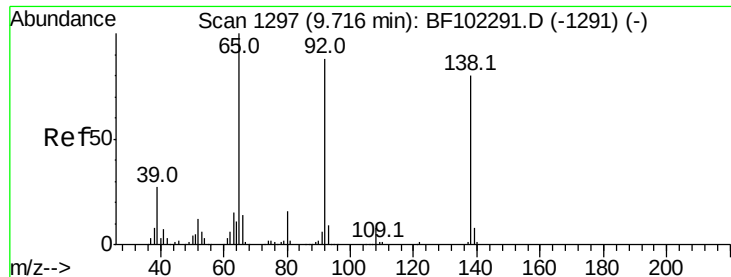
Tgt Ion:163 Resp: 171940  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.7 4.1  
164 9.8 8.2 12.2



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



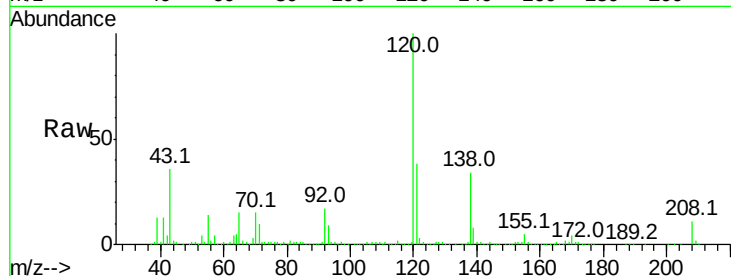




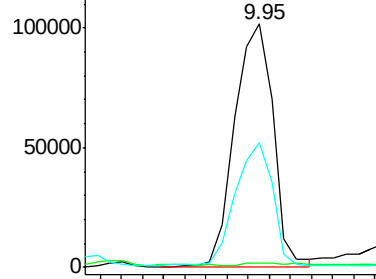
#52  
3-Nitroaniline  
Concen: 26.618 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.23 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Instrument :  
BNA\_F  
ClientSampleId :

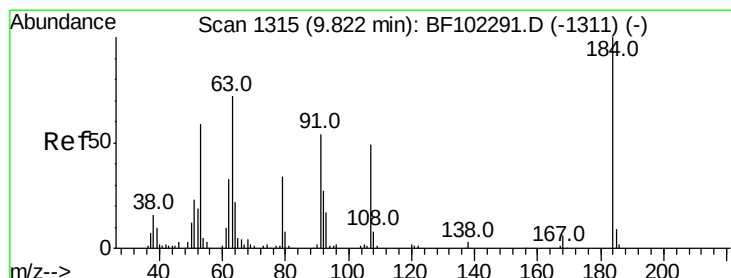
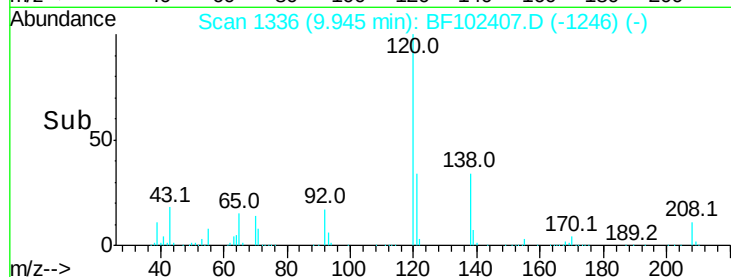
Tot Ion:138 Resp: 128479  
Ion Ratio Lower Upper  
138 100  
108 1.7 9.4 14.0#  
92 51.1 89.4 134.2#



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): BF1

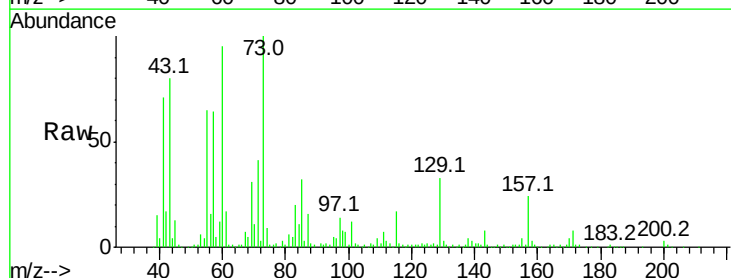


Time-->

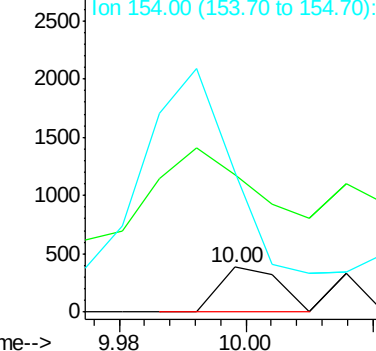


#53  
2,4-Dinitrophenol  
Concen: 3.825 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. 0.18 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

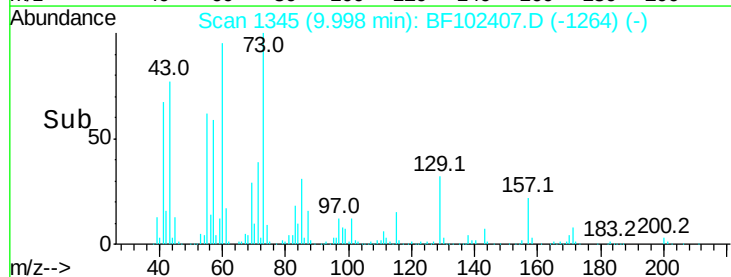
Tgt Ion:184 Resp: 248  
Ion Ratio Lower Upper  
184 100  
63 307.8 54.2 81.2#  
154 313.6 184.0 276.0#

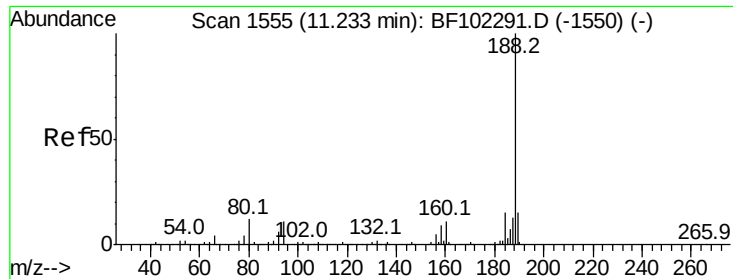


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E



Time-->

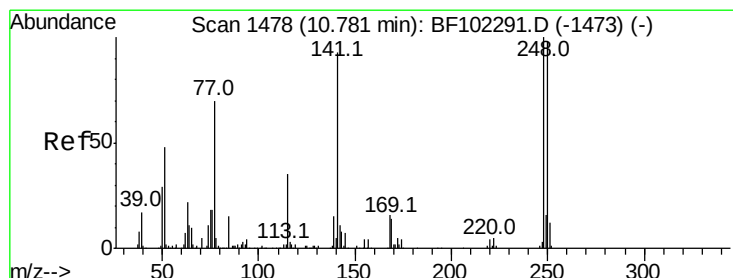
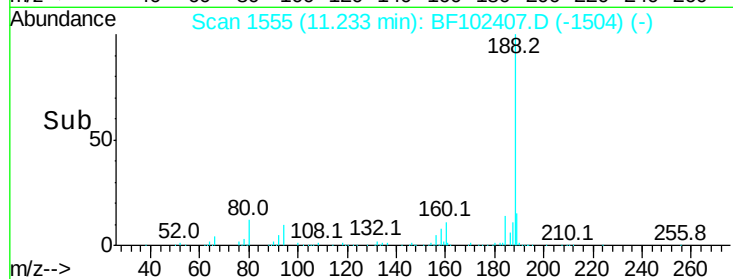
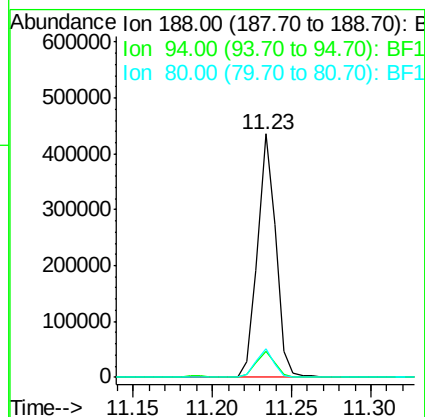
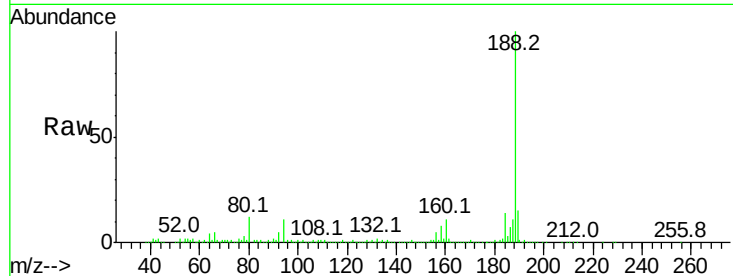




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

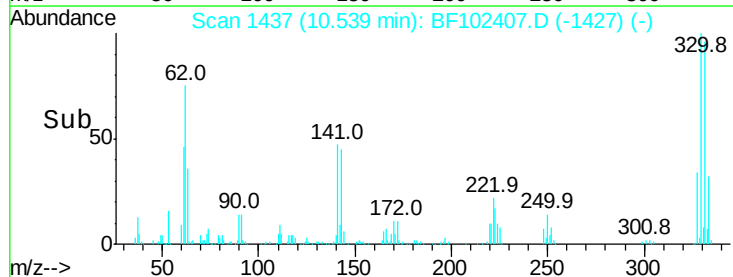
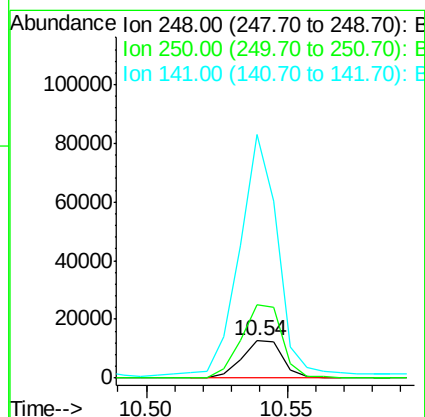
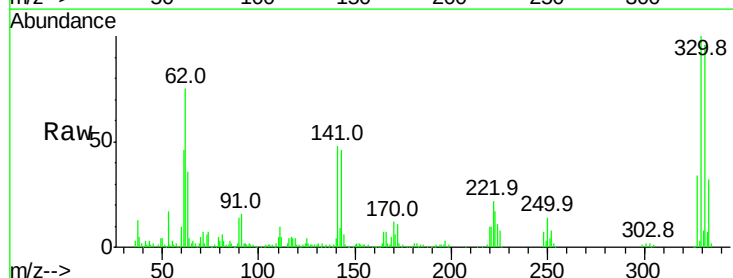
Instrument :  
BNA\_F  
ClientSampleId :

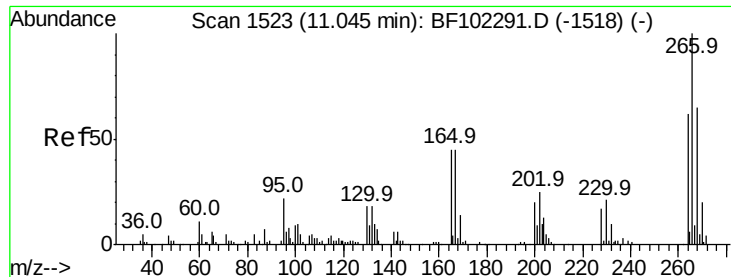
Tot Ion:188 Resp: 352045  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.5 12.7  
80 11.9 9.2 13.8



#66  
4-Bromophenyl-phenylether  
Concen: 3.327 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. -0.24 min  
Lab File: BF102407.D  
Acq: 24 Jan 2018 23:14

Tgt Ion:248 Resp: 12608  
Ion Ratio Lower Upper  
248 100  
250 198.9 76.9 115.3#  
141 655.9 74.4 111.6#

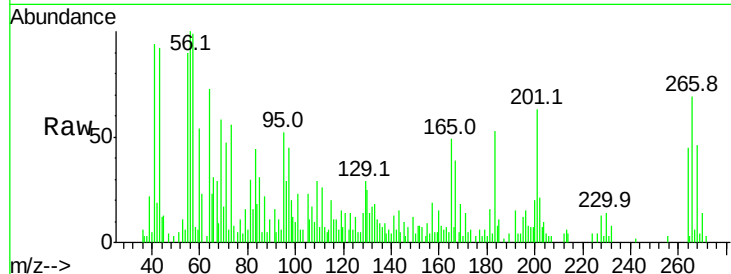




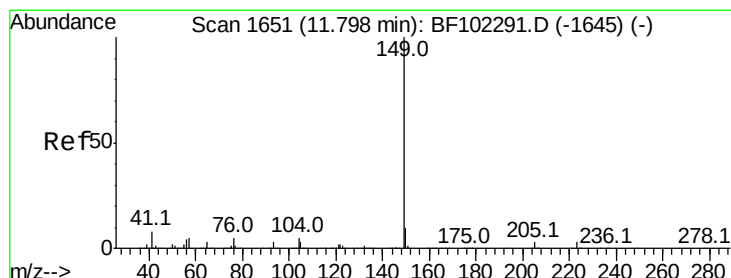
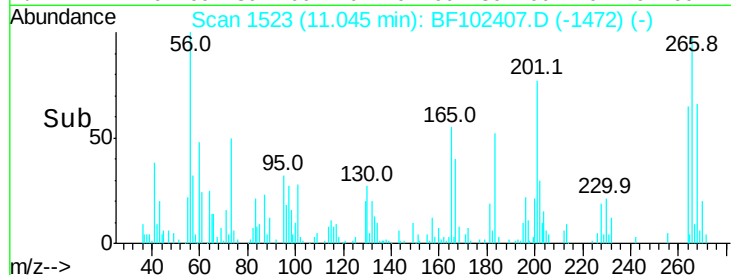
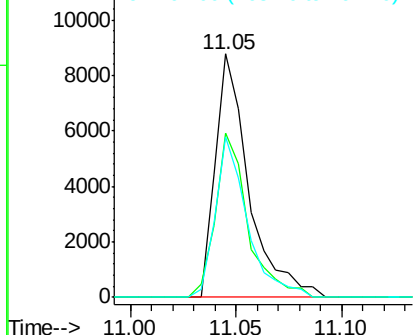
#69  
 Pentachlorophenol  
 Concen: 4.356 ng  
 RT: 11.05 min Scan# 1523  
 Delta R.T. -0.00 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:266 Resp: 9699  
 Ion Ratio Lower Upper  
 266 100  
 268 67.4 51.1 76.7  
 264 66.0 49.5 74.3

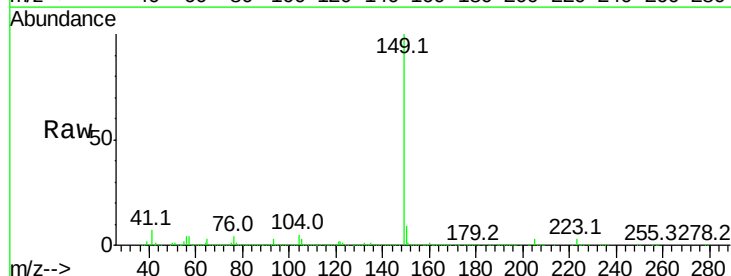


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

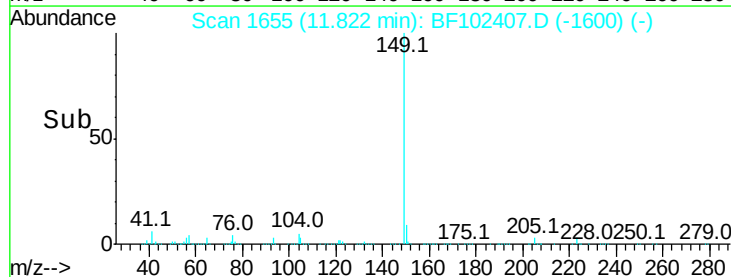
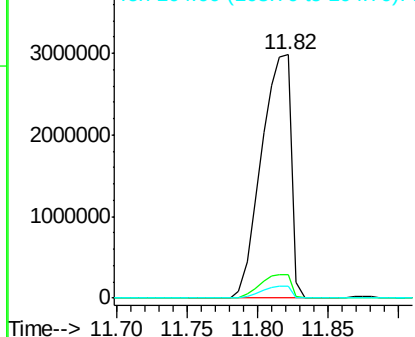


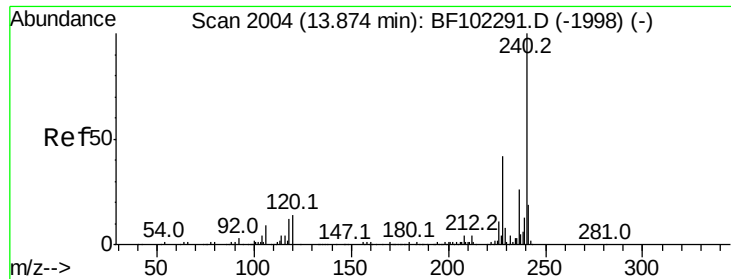
#73  
 Di-n-butylphthalate  
 Concen: 173.019 ng  
 RT: 11.82 min Scan# 1655  
 Delta R.T. 0.02 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Tgt Ion:149 Resp: 4417874  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.6  
 104 4.8 3.8 5.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

Instrument :

BNA\_F

ClientSampleId :

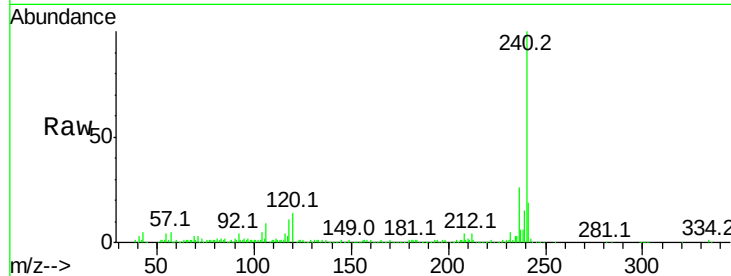
Tot Ion:240 Resp: 235908

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

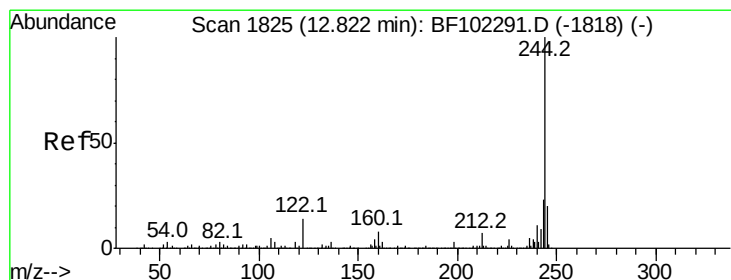
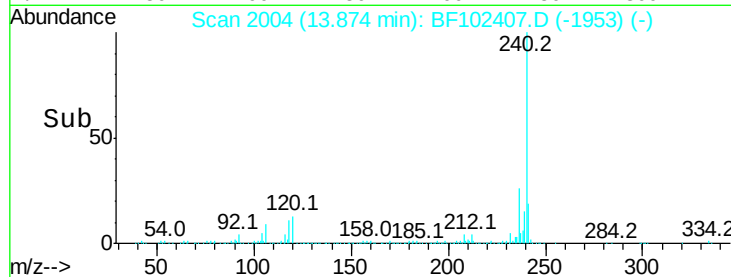
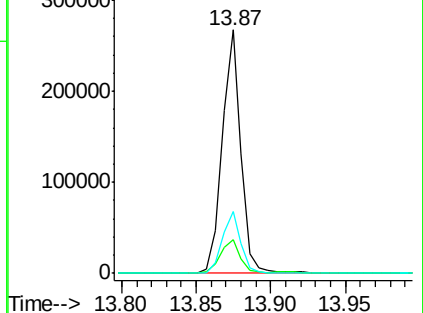
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.926 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102407.D

Acq: 24 Jan 2018 23:14

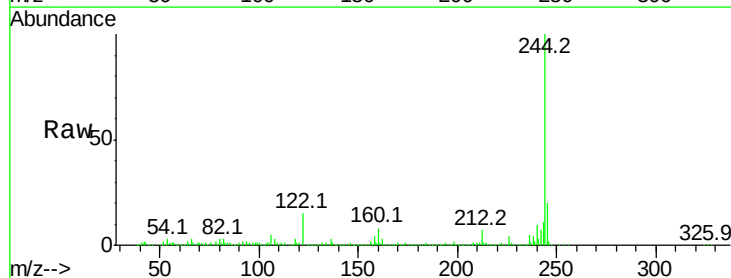
Tgt Ion:244 Resp: 679419

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

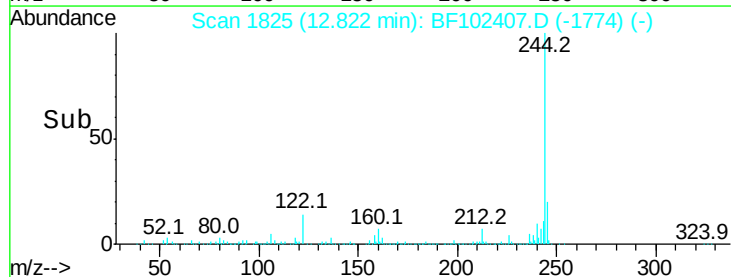
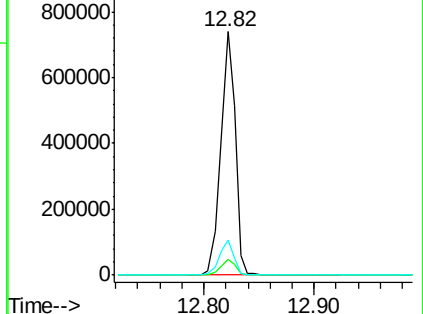
122 14.6 11.0 16.4

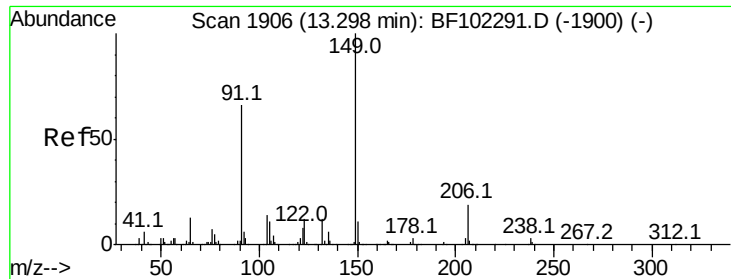


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

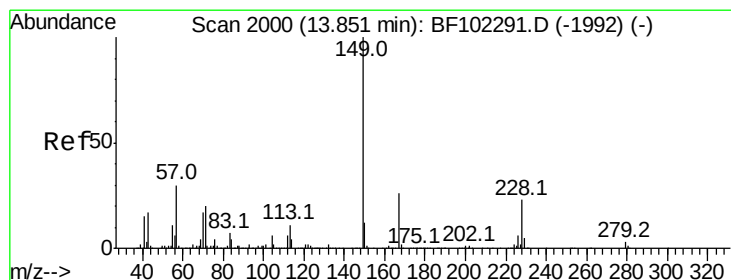
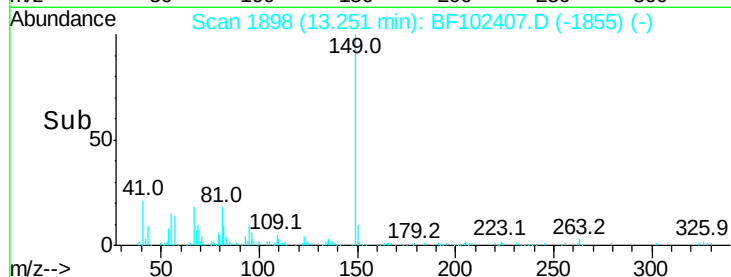
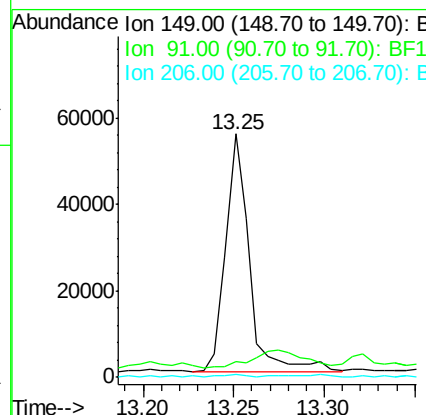
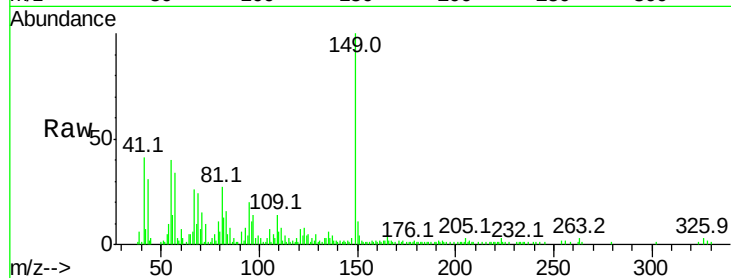




#79  
 Butylbenzylphthalate  
 Concen: 5.589 ng  
 RT: 13.25 min Scan# 1898  
 Delta R.T. -0.05 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

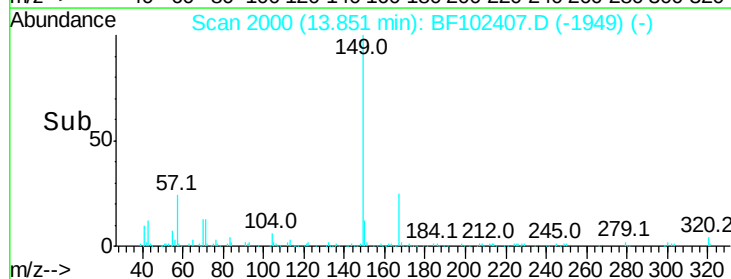
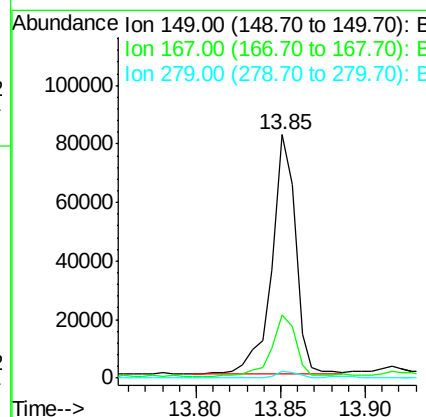
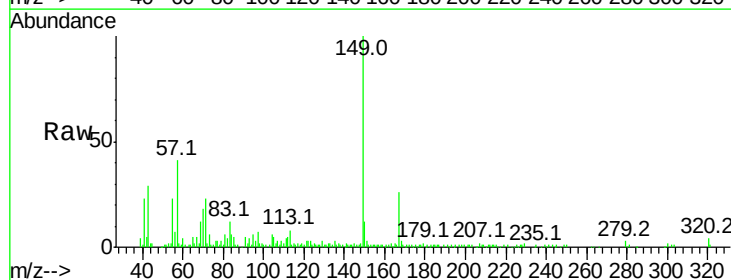
Instrument :  
 BNA\_F  
 ClientSampleId :

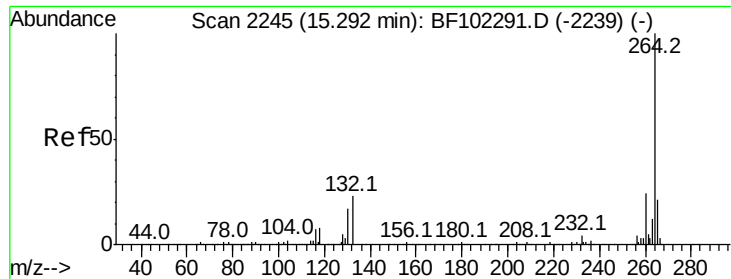
Tot Ion:149 Resp: 50732  
 Ion Ratio Lower Upper  
 149 100  
 91 6.3 56.8 85.2#  
 206 1.0 14.1 21.1#



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.537 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Tgt Ion:149 Resp: 79739  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.3 31.9  
 279 2.7 3.0 4.4#

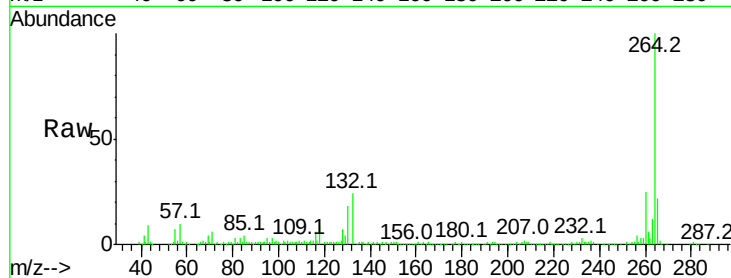




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2246  
 Delta R.T. 0.01 min  
 Lab File: BF102407.D  
 Acq: 24 Jan 2018 23:14

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

