

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\  
 Data File : BF081319.D  
 Acq On : 1 Sep 2015 23:11  
 Operator : UM/IZ  
 Sample : G3479-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 02 00:53:52 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 01 17:35:35 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.39  | 152  | 58947    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.68  | 136  | 229030   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.42  | 164  | 109118   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.88 | 188  | 205974   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.49 | 240  | 154070   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 14.80 | 264  | 127605   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 4.95  | 112 | 550880 | 144.99 | ng | 0.02 |
| 7) Phenol-d6                | 6.06  | 99  | 738353 | 146.82 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 6.97  | 82  | 488587 | 102.92 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.20 | 330 | 144198 | 148.41 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 8.76  | 172 | 747228 | 87.75  | ng | 0.00 |
| 78) Terphenyl-d14           | 12.47 | 244 | 515276 | 77.85  | ng | 0.00 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 6) Aniline                     | 6.16  | 93  | 951    | 0.13  | ng | # 1    |
| 9) Benzaldehyde                | 6.06  | 77  | 944    | 0.30  | ng | # 1    |
| 10) Phenol                     | 6.07  | 94  | 368    | 0.06  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.16  | 93  | 951    | 0.23  | ng | # 1    |
| 15) Benzyl Alcohol             | 6.55  | 79  | 7745   | 1.88  | ng | # 28   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.62  | 45  | 212    | 0.03  | ng | # 79   |
| 19) n-Nitroso-di-n-propylamine | 6.97  | 70  | 64722  | 18.91 | ng | # 56   |
| 24) Nitrobenzene               | 6.97  | 77  | 1306   | 0.26  | ng | # 13   |
| 31) Naphthalene                | 7.83  | 128 | 499    | 0.04  | ng | # 1    |
| 45) 1,1'-Biphenyl              | 8.76  | 154 | 1229   | 0.12  | ng | # 1    |
| 47) 2-Nitroaniline             | 9.16  | 65  | 1403   | 0.47  | ng | # 1    |
| 49) Dimethylphthalate          | 9.16  | 163 | 125248 | 14.77 | ng | # 96   |
| 50) 2,6-Dinitrotoluene         | 9.16  | 165 | 1271   | 0.66  | ng | # 1    |
| 51) Acenaphthene               | 9.42  | 154 | 310    | 0.04  | ng | # 9    |
| 56) 2,4-Dinitrotoluene         | 9.42  | 165 | 13835  | 5.65  | ng | # 31   |
| 57) Fluorene                   | 10.19 | 166 | 5466   | 0.67  | ng | # 82   |
| 59) Diethylphthalate           | 9.86  | 149 | 21301  | 2.39  | ng | # 95   |
| 62) Azobenzene                 | 10.19 | 77  | 643    | 0.06  | ng | # 21   |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198 | 208    | 0.18  | ng | # 6    |
| 65) n-Nitrosodiphenylamine     | 10.19 | 169 | 5889   | 0.79  | ng | # 45   |
| 66) 4-Bromophenyl-phenylether  | 10.20 | 248 | 10029  | 4.82  | ng | # 1    |
| 73) Di-n-butylphthalate        | 11.47 | 149 | 4943   | 0.38  | ng | # 92   |
| 77) Pyrene                     | 12.47 | 202 | 1946   | 0.17  | ng | # 70   |
| 79) Butylbenzylphthalate       | 12.95 | 149 | 240    | 0.05  | ng | # 37   |
| 80) Benzo(a)anthracene         | 13.49 | 228 | 307    | 0.03  | ng | # 53   |
| 82) Chrysene                   | 13.49 | 228 | 307    | 0.03  | ng | # 52   |
| 83) Bis(2-ethylhexyl)phthalate | 13.52 | 149 | 1075   | 0.16  | ng | # 84   |
| 89) Benzo(a)pyrene             | 14.80 | 252 | 337    | 0.04  | ng | # 54   |

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



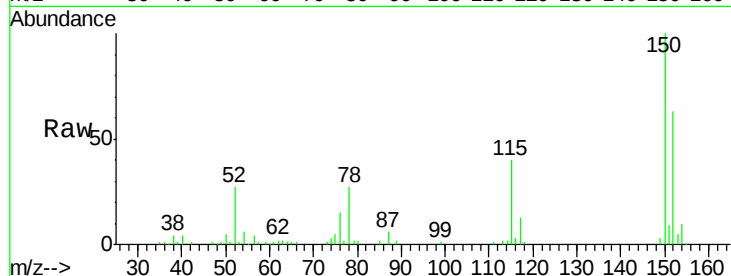


#1

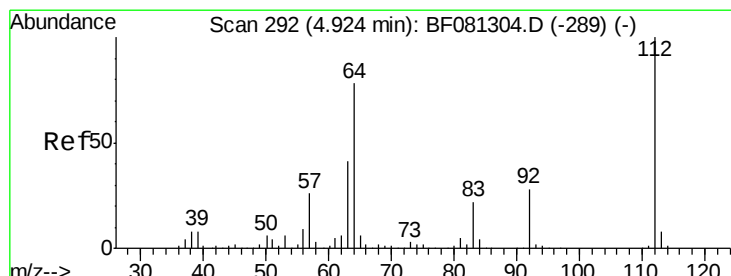
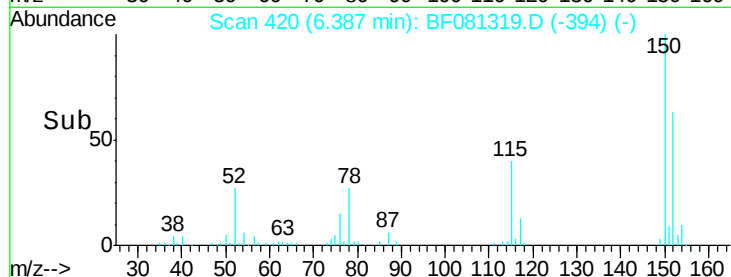
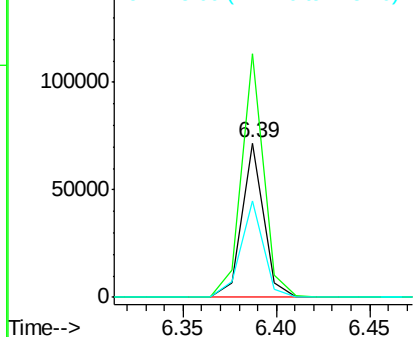
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.39 min Scan# 420  
Delta R.T. 0.00 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 58947  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.7 187.1  
115 62.7 39.0 58.4#



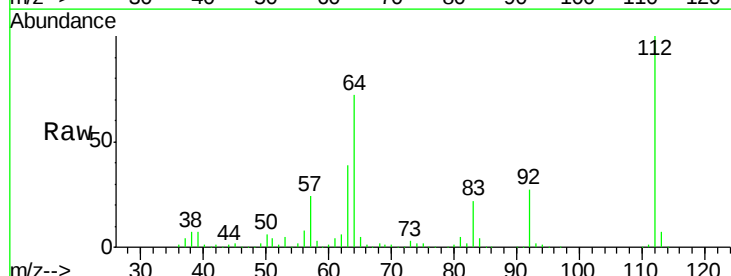
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



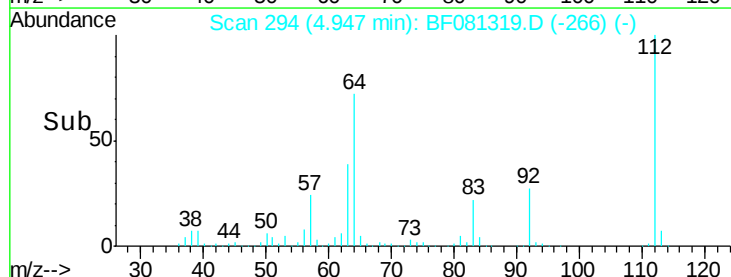
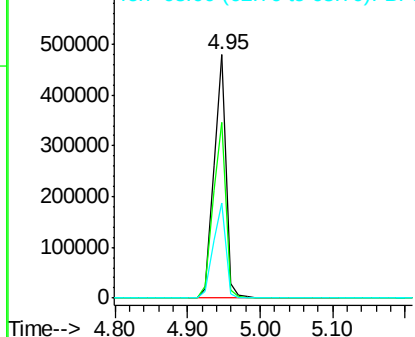
#5

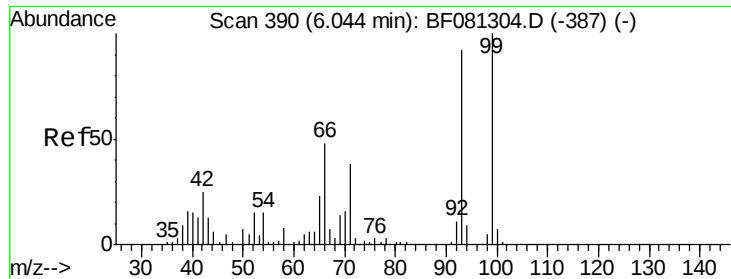
2-Fluorophenol  
Concen: 144.99 ng  
RT: 4.95 min Scan# 294  
Delta R.T. 0.02 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:112 Resp: 550880  
Ion Ratio Lower Upper  
112 100  
64 72.2 39.7 59.5#  
63 38.9 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.13 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.11 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampled :

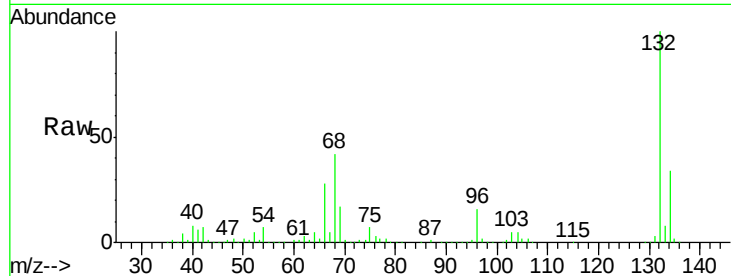
Tot Ion: 93 Resp: 951

Ion Ratio Lower Upper

93 100

66 17893.4 27.2 40.8#

65 1580.3 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0

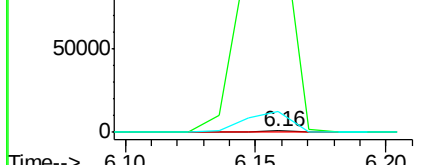
200000

150000

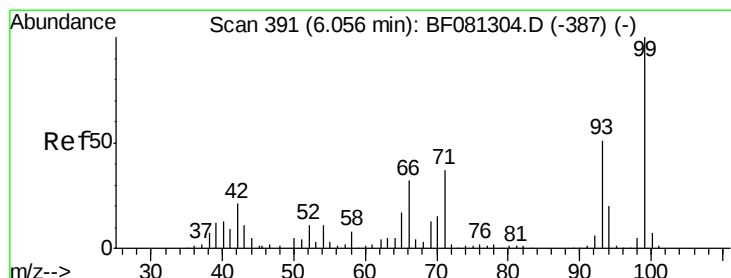
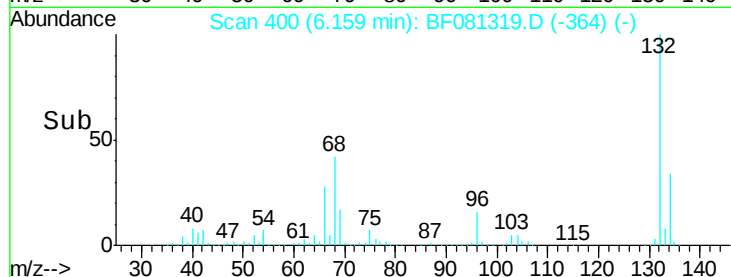
100000

50000

0



Time--> 6.10 6.15 6.20



#7

Phenol-d6

Concen: 146.82 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

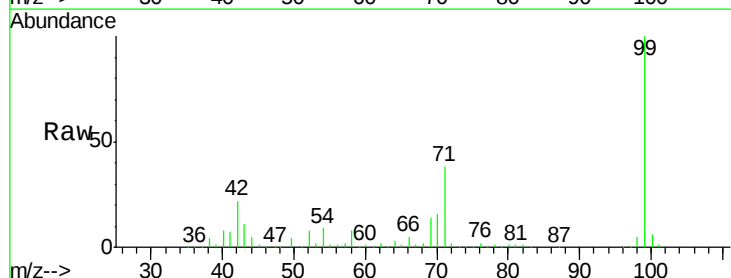
Tgt Ion: 99 Resp: 738353

Ion Ratio Lower Upper

99 100

42 21.7 13.7 20.5#

71 38.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0

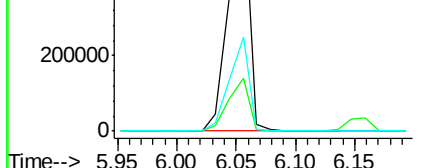
800000

600000

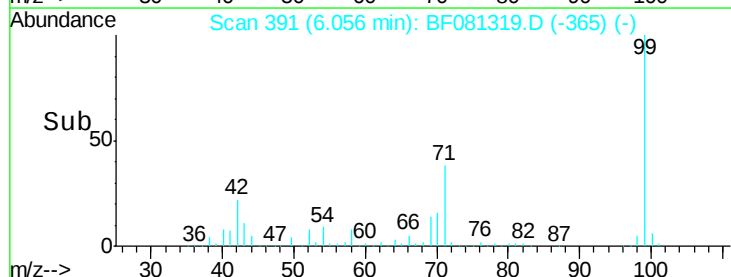
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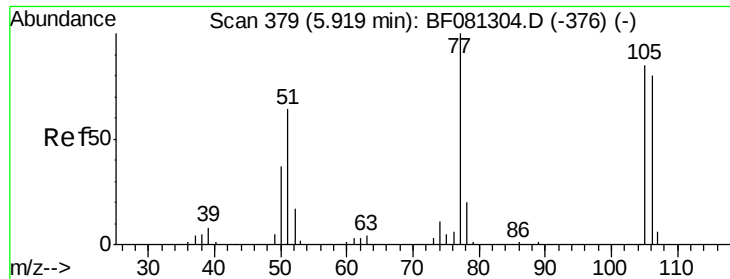
200000

0



Time--> 5.95 6.00 6.05 6.10 6.15





#9

Benzaldehyd

Concen: 0.30 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.14 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

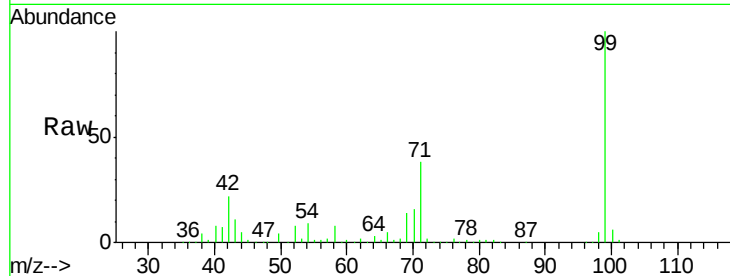
Tot Ion: 77 Resp: 944

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

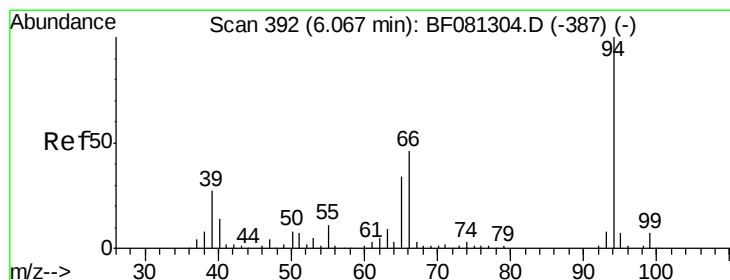
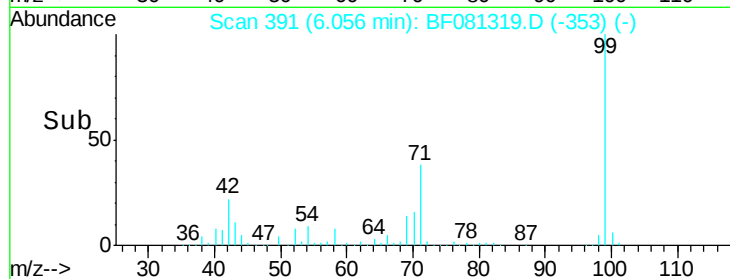
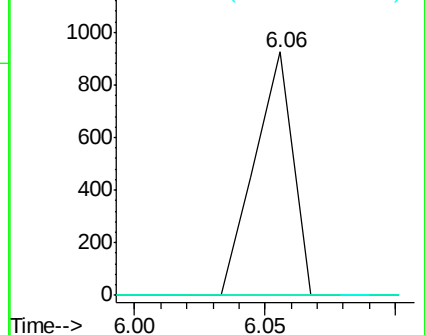
106 0.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.06 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

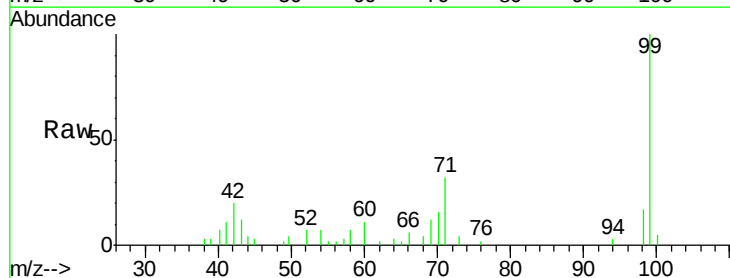
Tgt Ion: 94 Resp: 368

Ion Ratio Lower Upper

94 100

65 73.6 0.7 40.7#

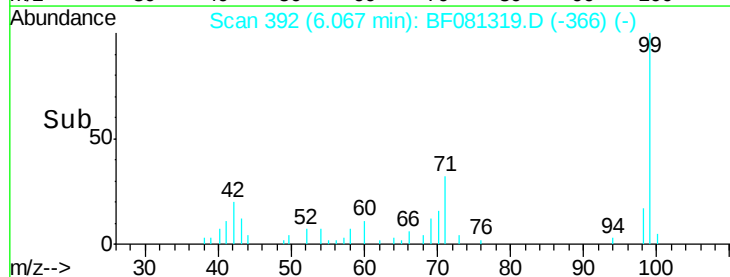
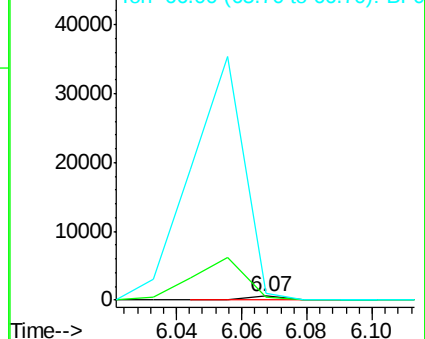
66 181.6 0.8 40.8#

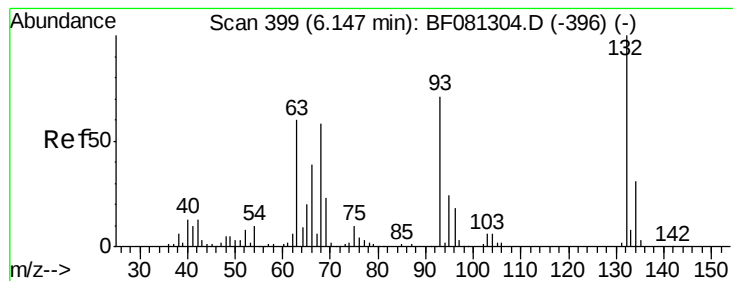


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

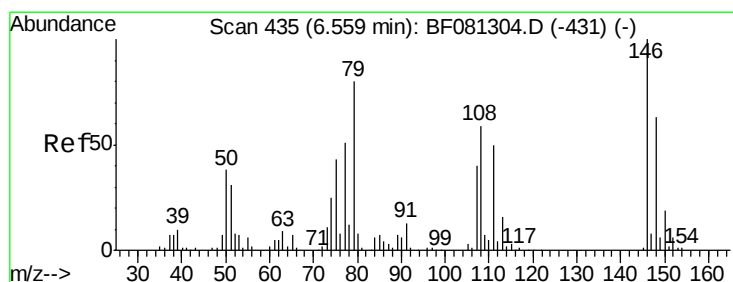
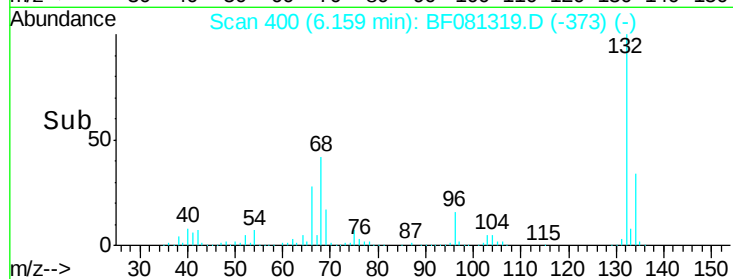
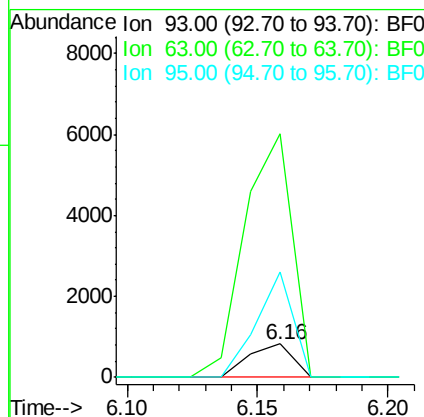
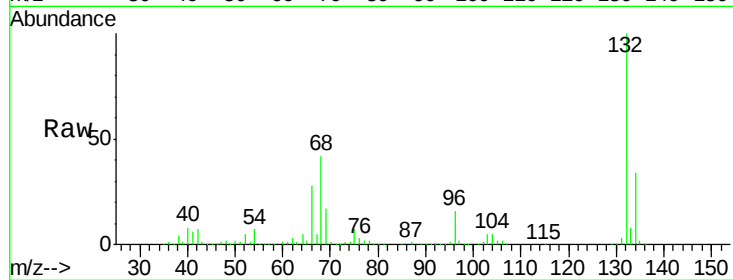




#11  
bis(2-Chloroethyl)ether  
Concen: 0.23 ng  
RT: 6.16 min Scan# 400  
Delta R.T. 0.01 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

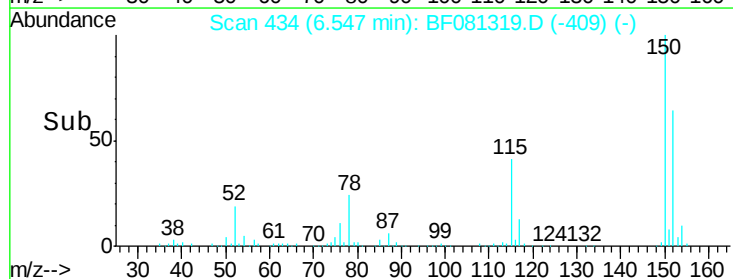
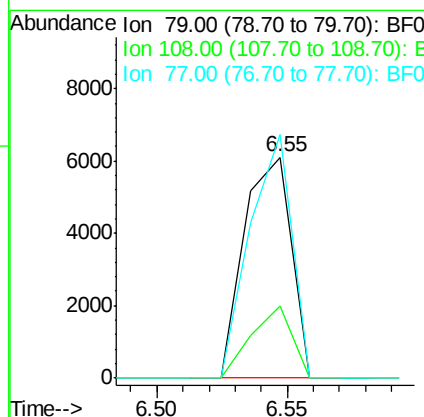
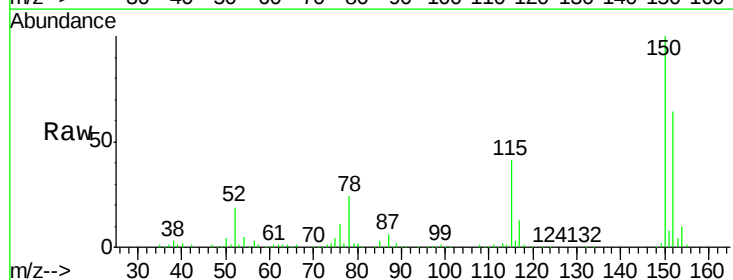
Instrument :  
BNA\_F  
ClientSampleId :

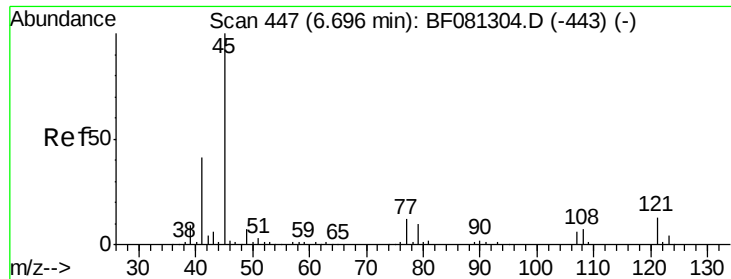
Tot Ion: 93 Resp: 951  
Ion Ratio Lower Upper  
93 100  
63 735.6 65.6 105.6#  
95 318.2 13.6 53.6#



#15  
Benzyl Alcohol  
Concen: 1.88 ng  
RT: 6.55 min Scan# 434  
Delta R.T. -0.01 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion: 79 Resp: 7745  
Ion Ratio Lower Upper  
79 100  
108 32.6 88.6 132.8#  
77 110.2 47.0 70.4#

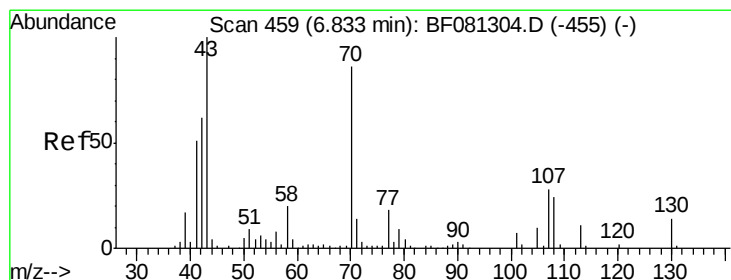
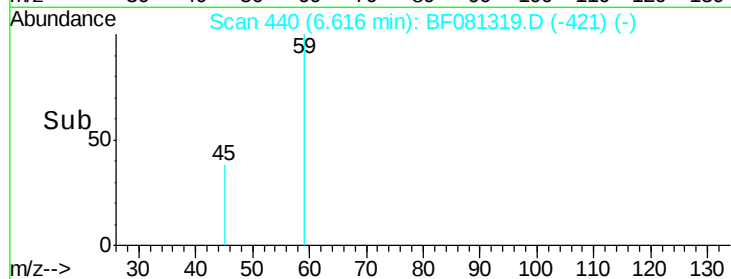
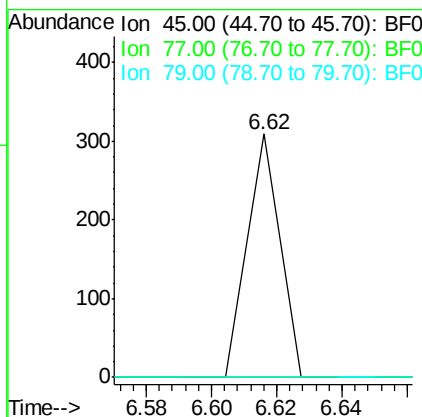
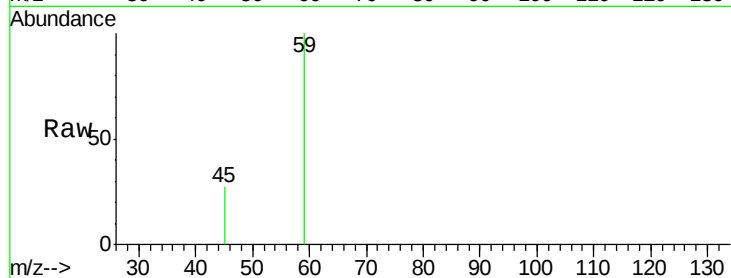




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.03 ng  
RT: 6.62 min Scan# 440  
Delta R.T. -0.08 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

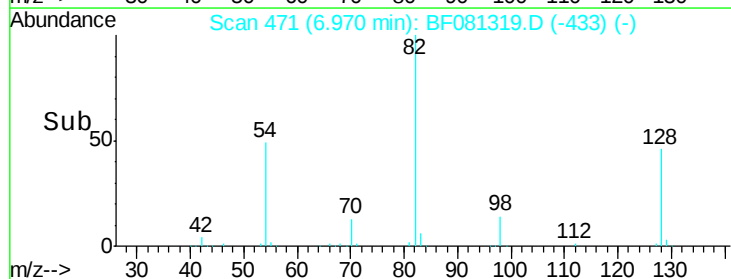
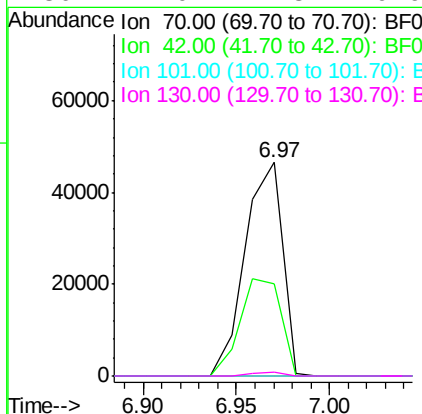
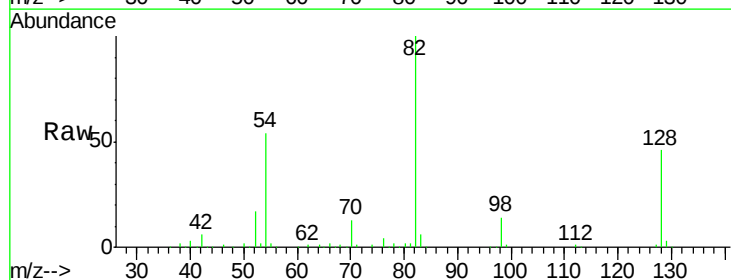
Instrument :  
BNA\_F  
ClientSampleId :

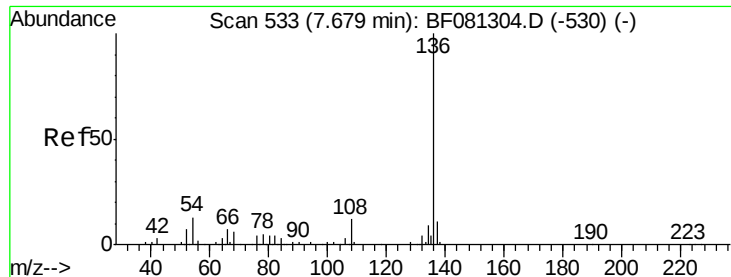
Tot Ion: 45 Resp: 212  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 28.1  
79 0.0 0.0 26.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.91 ng  
RT: 6.97 min Scan# 471  
Delta R.T. 0.14 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion: 70 Resp: 64722  
Ion Ratio Lower Upper  
70 100  
42 43.2 63.8 95.6#  
101 0.0 9.2 13.8#  
130 2.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

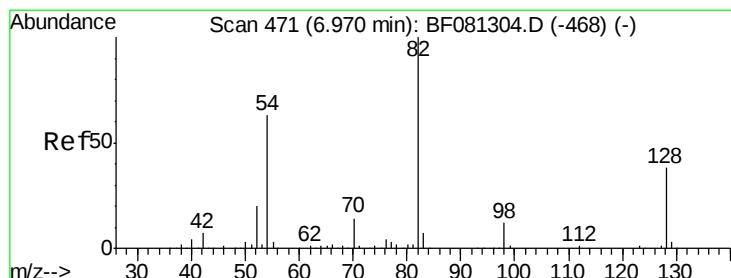
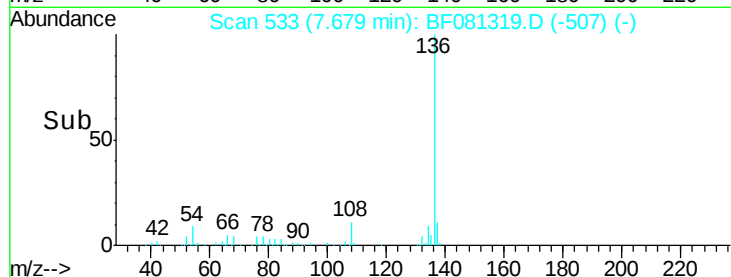
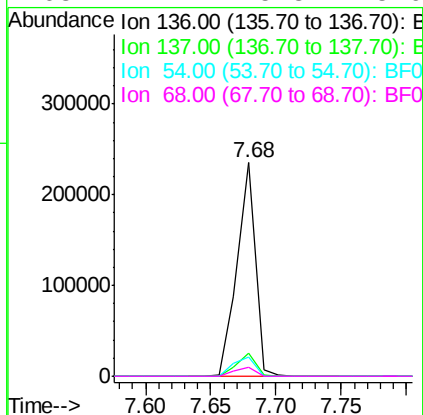
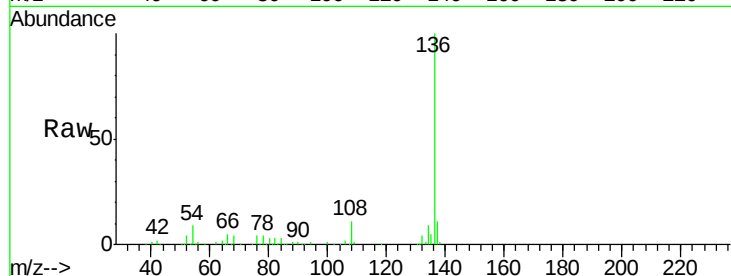
Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 229030   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.6  | 9.0 13.6 |
| 54          | 8.8   | 8.2 12.2 |
| 68          | 4.2   | 5.8 8.6# |



#23

Nitrobenzene-d5

Concen: 102.92 ng

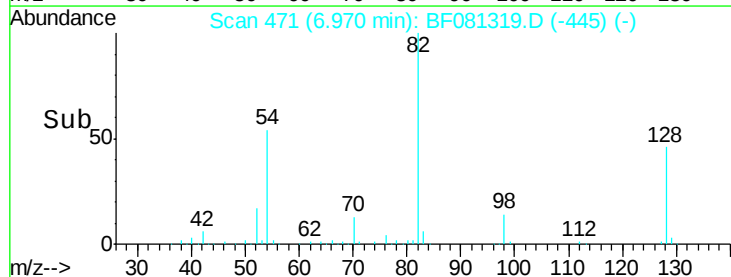
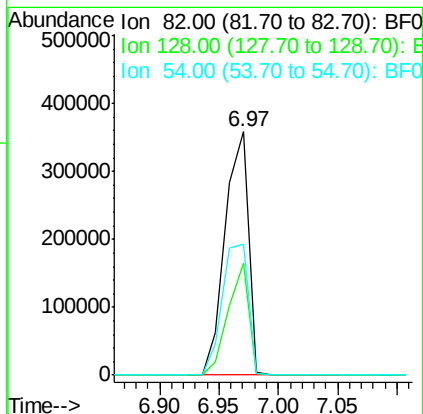
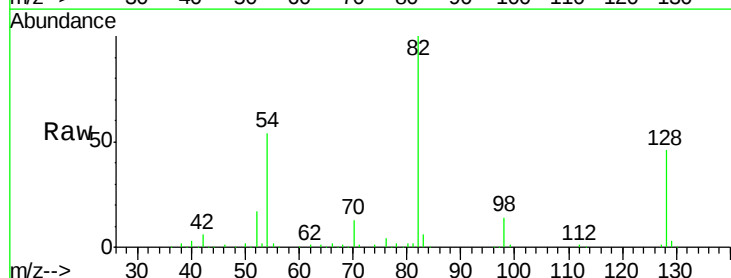
RT: 6.97 min Scan# 471

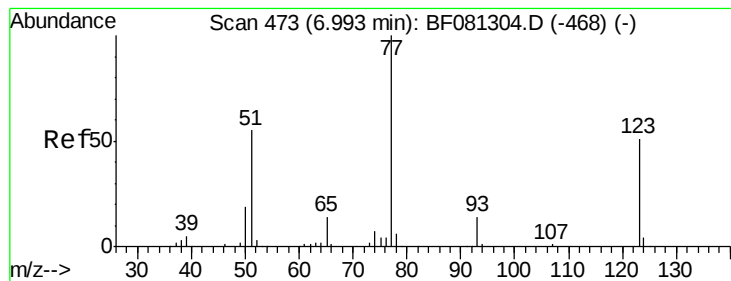
Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 488587     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 45.8  | 51.0 76.6# |
| 54          | 53.7  | 47.5 71.3  |





#24

Nitrobenzene

Concen: 0.26 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

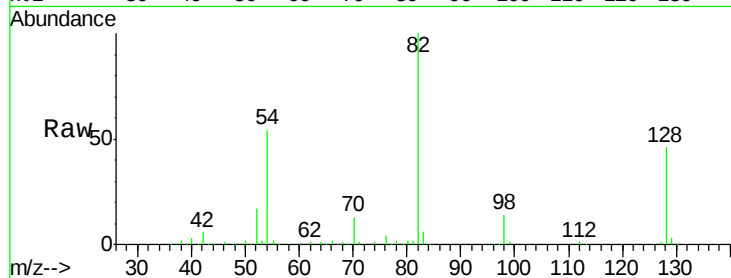
Tot Ion: 77 Resp: 1306

Ion Ratio Lower Upper

77 100

123 0.0 59.8 89.8#

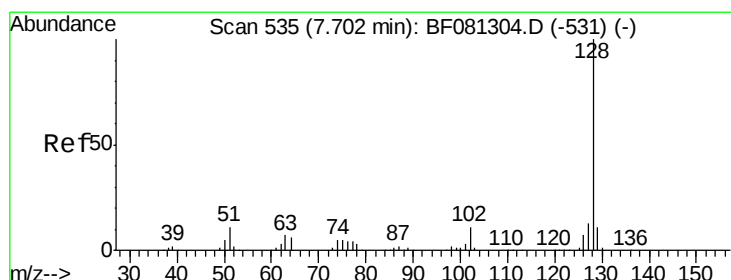
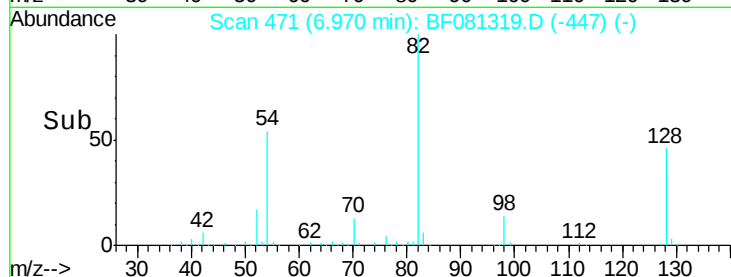
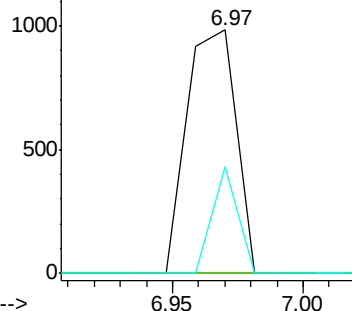
65 43.9 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 0.04 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.13 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

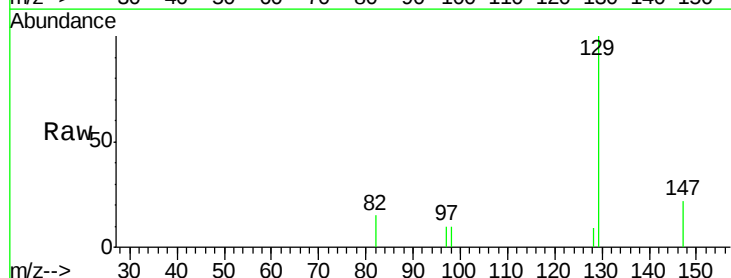
Tgt Ion: 128 Resp: 499

Ion Ratio Lower Upper

128 100

129 1064.6 8.4 12.6#

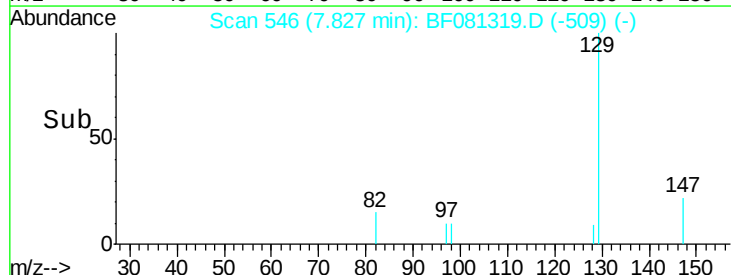
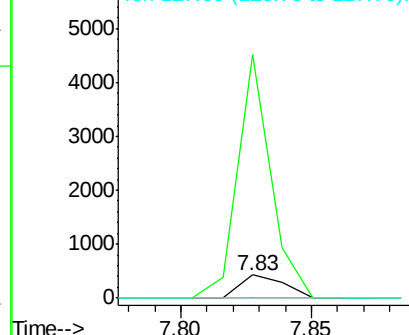
127 0.0 9.9 14.9#

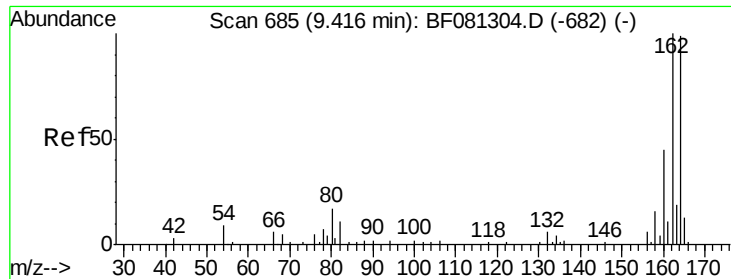


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

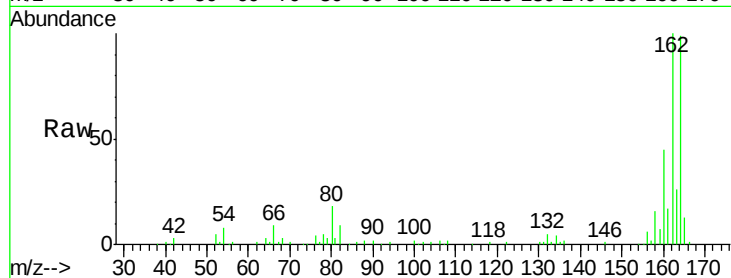
Tot Ion:164 Resp: 109118

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

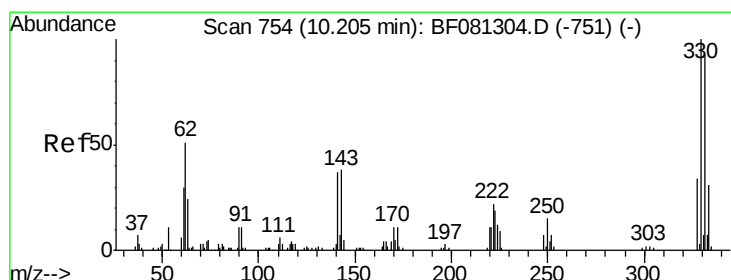
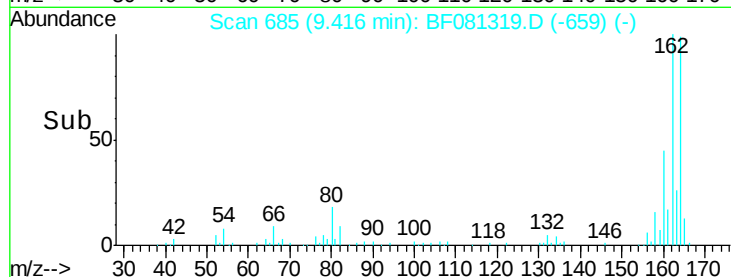
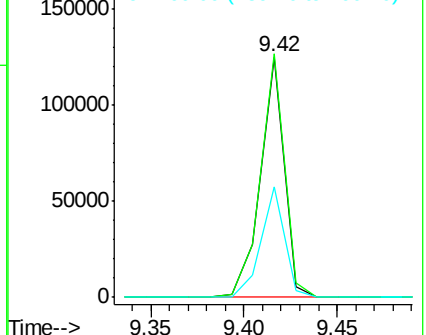
160 46.1 31.5 47.3



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: 148.41 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

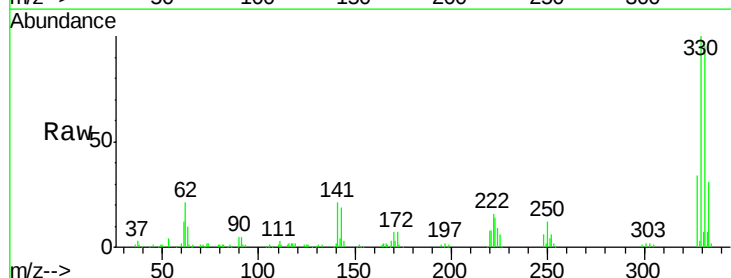
Tgt Ion:330 Resp: 144198

Ion Ratio Lower Upper

330 100

332 94.7 76.6 114.8

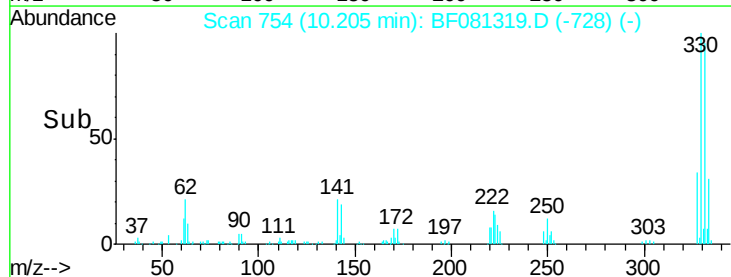
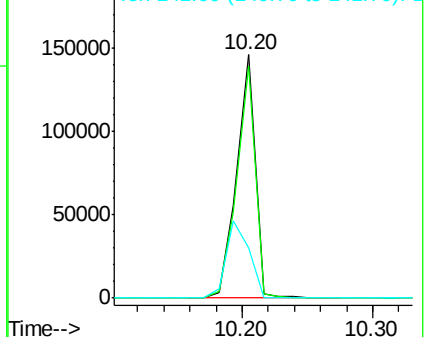
141 39.8 29.7 44.5

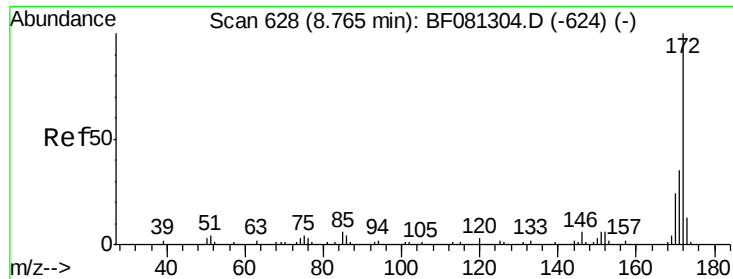


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

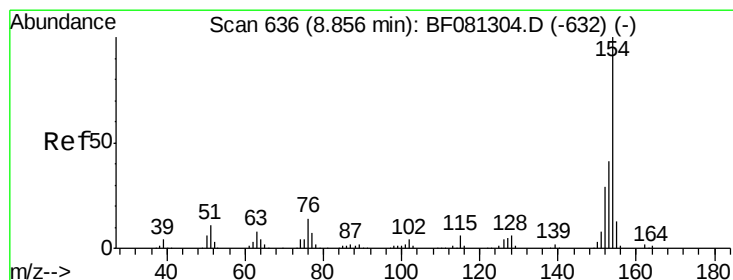
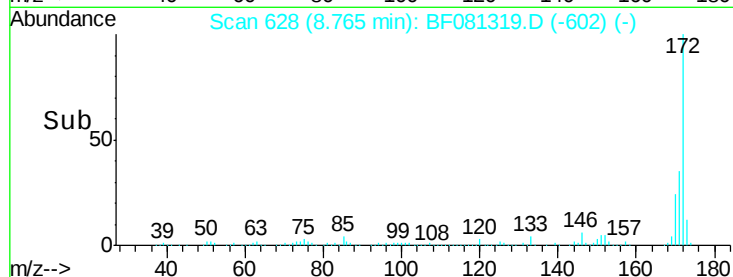
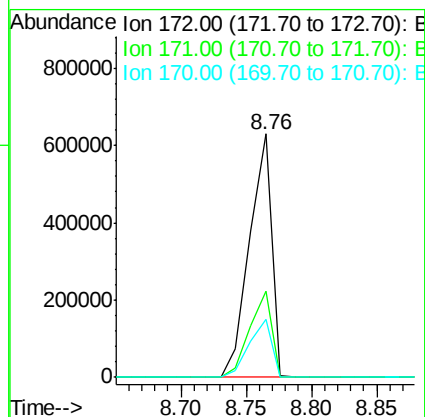
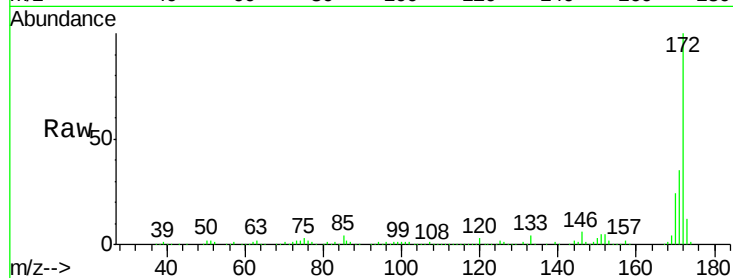




#44  
 2-Fluorobiphenyl  
 Concen: 87.75 ng  
 RT: 8.76 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF081319.D  
 Acq: 1 Sep 2015 23:11

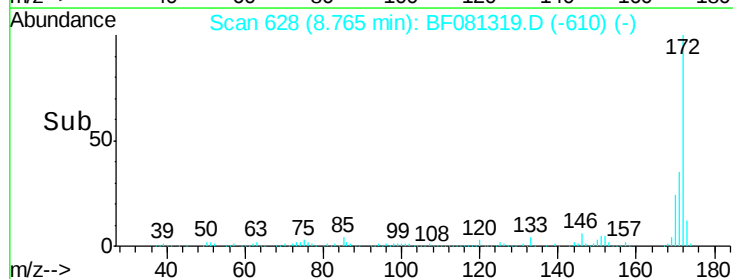
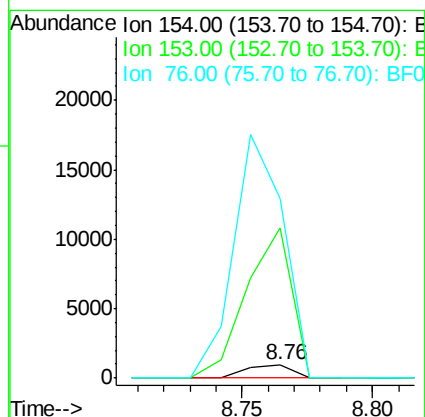
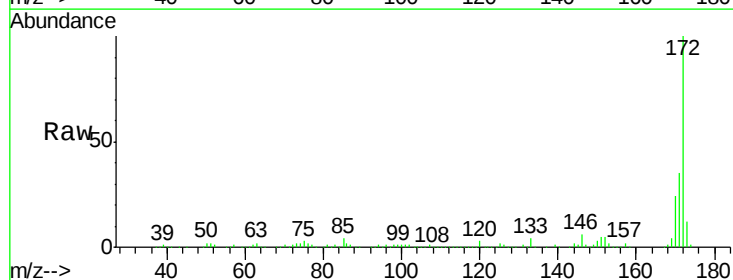
Instrument :  
 BNA\_F  
 ClientSampleId :

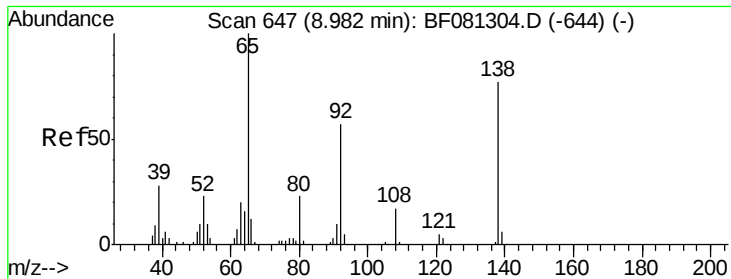
Tot Ion:172 Resp: 747228  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 26.1 39.1  
 170 23.6 17.4 26.2



#45  
 1,1'-Biphenyl  
 Concen: 0.12 ng  
 RT: 8.76 min Scan# 628  
 Delta R.T. -0.09 min  
 Lab File: BF081319.D  
 Acq: 1 Sep 2015 23:11

Tgt Ion:154 Resp: 1229  
 Ion Ratio Lower Upper  
 154 100  
 153 1084.9 17.1 57.1#  
 76 1298.5 0.0 31.6#

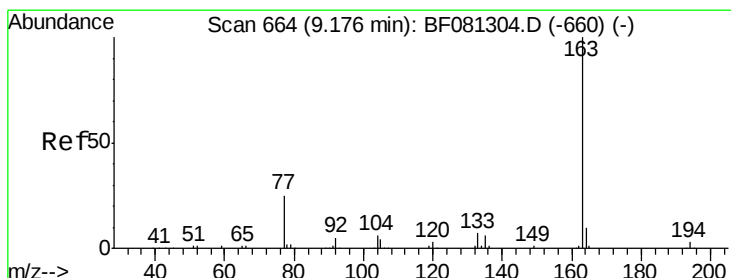
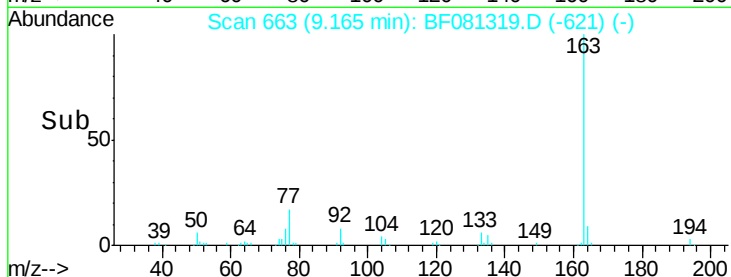
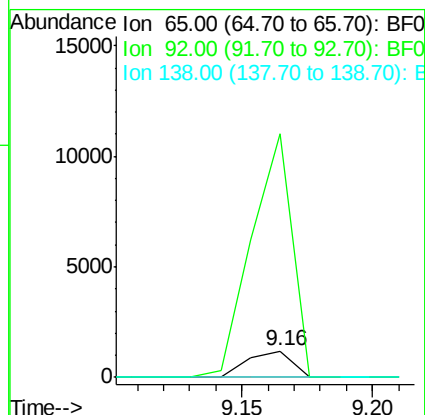
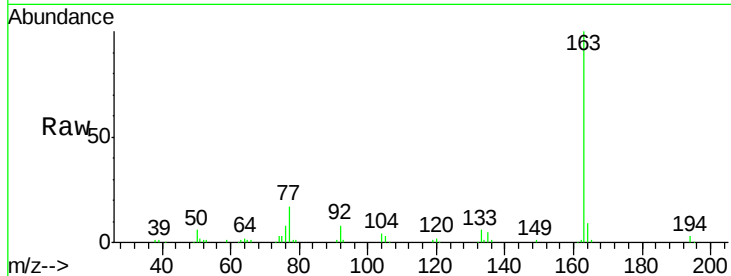




#47  
2-Nitroaniline  
Concen: 0.47 ng  
RT: 9.16 min Scan# 663  
Delta R.T. 0.18 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

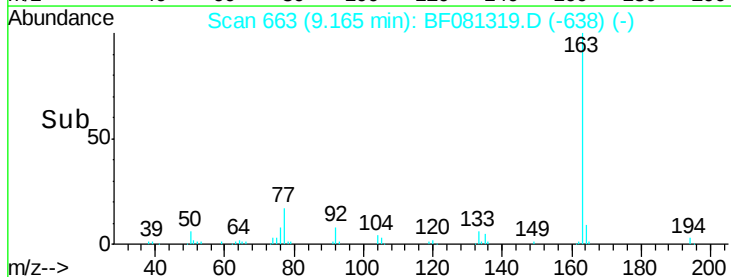
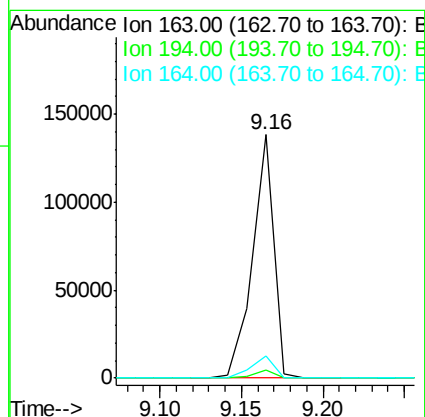
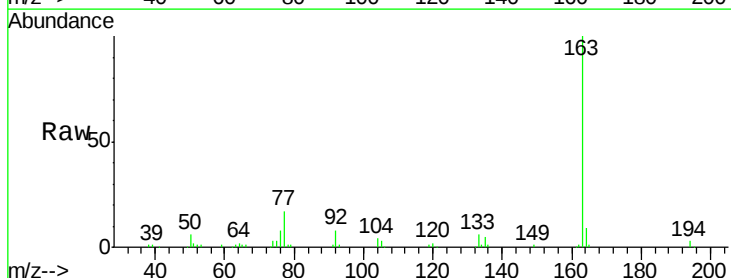
Instrument :  
BNA\_F  
ClientSampleId :

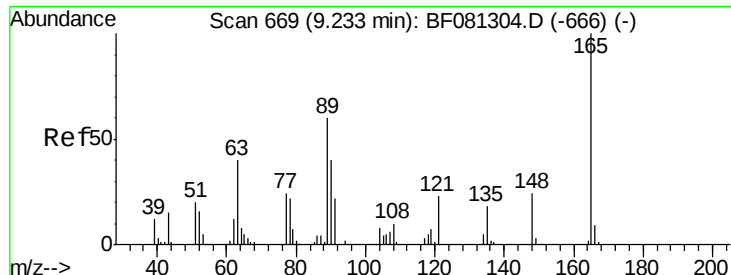
Tot Ion: 65 Resp: 1403  
Ion Ratio Lower Upper  
65 100  
92 928.7 55.4 83.0#  
138 0.0 115.5 173.3#



#49  
Dimethylphthalate  
Concen: 14.77 ng  
RT: 9.16 min Scan# 663  
Delta R.T. -0.01 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:163 Resp: 125248  
Ion Ratio Lower Upper  
163 100  
194 3.3 4.4 6.6#  
164 9.2 8.3 12.5

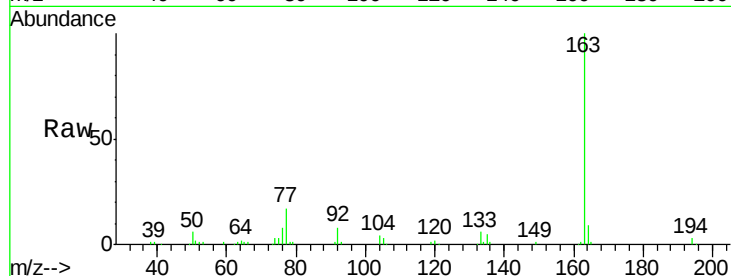




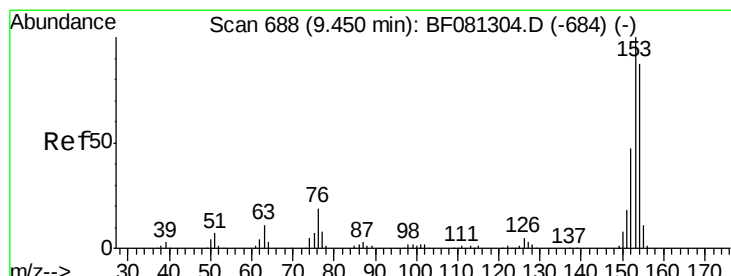
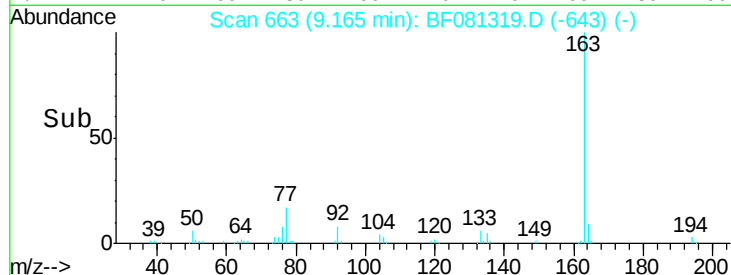
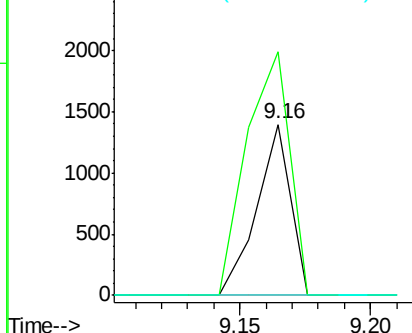
#50  
2,6-Dinitrotoluene  
Concen: 0.66 ng  
RT: 9.16 min Scan# 663  
Delta R.T. -0.07 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 1271  
Ion Ratio Lower Upper  
165 100  
63 142.4 32.3 48.5#  
89 0.0 28.6 43.0#

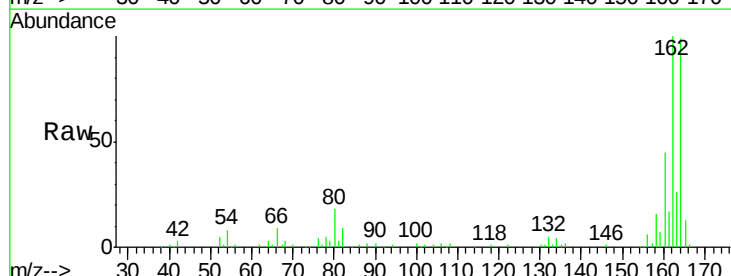


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0

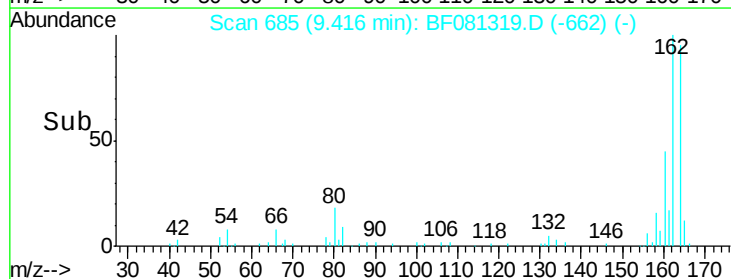
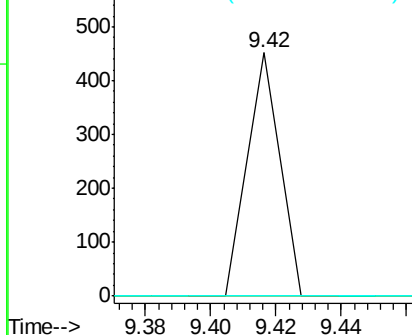


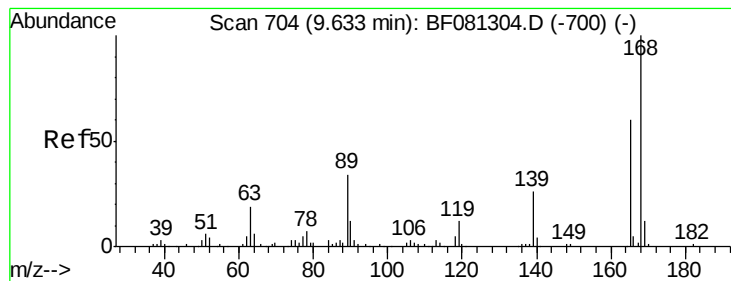
#51  
Acenaphthene  
Concen: 0.04 ng  
RT: 9.42 min Scan# 685  
Delta R.T. -0.03 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:154 Resp: 310  
Ion Ratio Lower Upper  
154 100  
153 0.0 82.1 123.1#  
152 0.0 37.9 56.9#



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





#56

2,4-Dinitrotoluene

Concen: 5.65 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.22 min

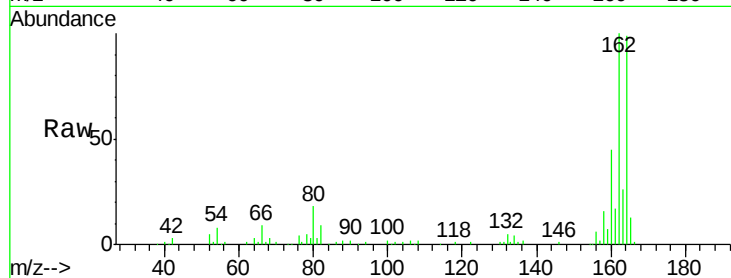
Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :



Tot Ion:165 Resp: 13835

Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

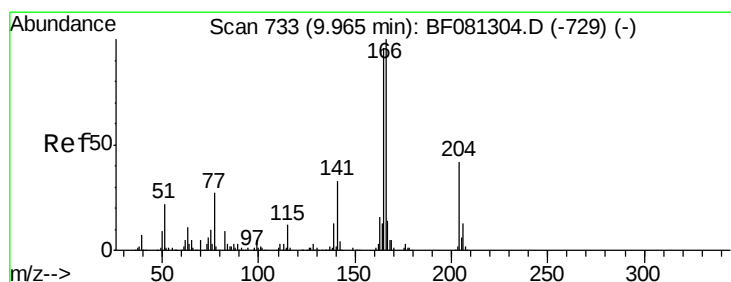
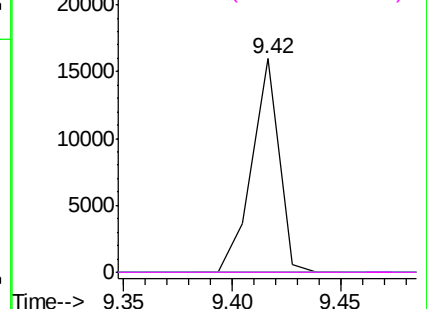
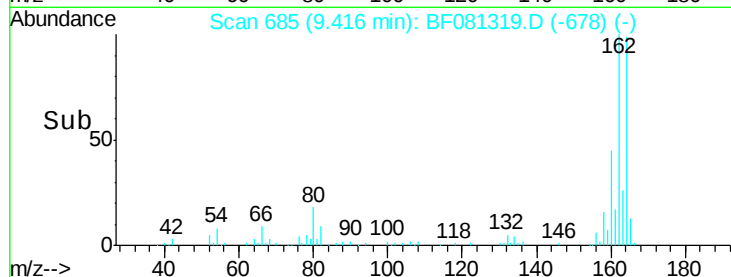
182 0.0 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.67 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.23 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

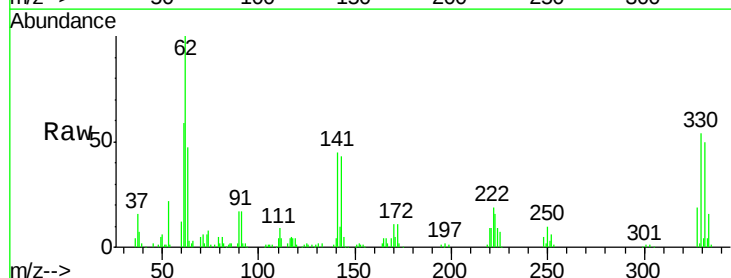
Tgt Ion:166 Resp: 5466

Ion Ratio Lower Upper

166 100

165 101.2 72.6 109.0

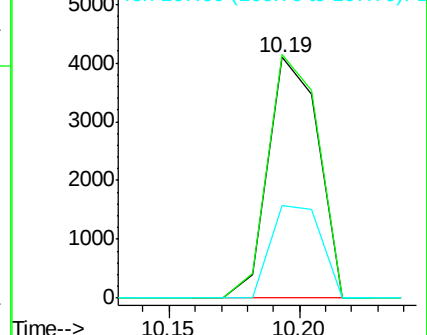
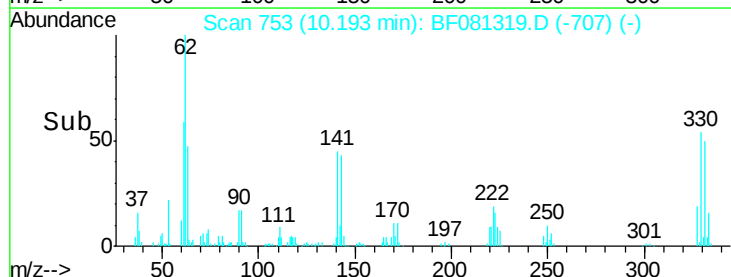
167 38.3 10.6 16.0#

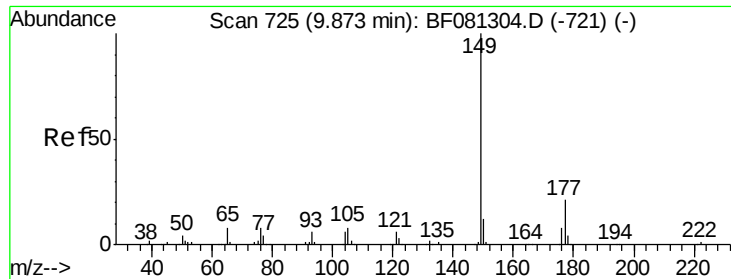


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

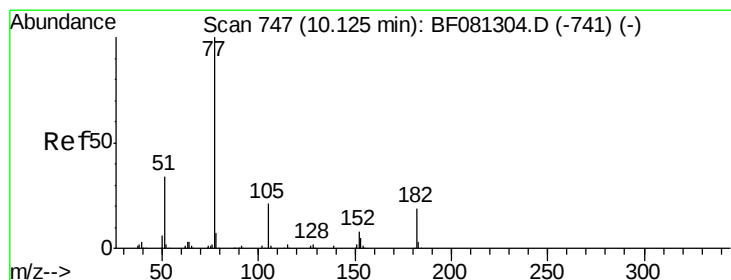
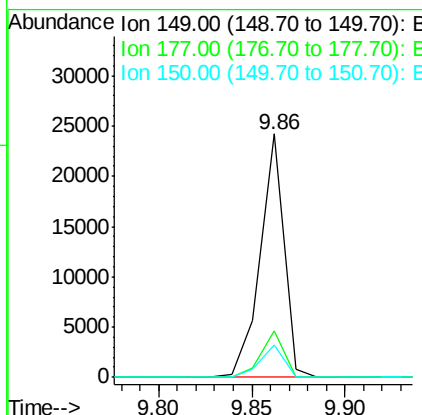
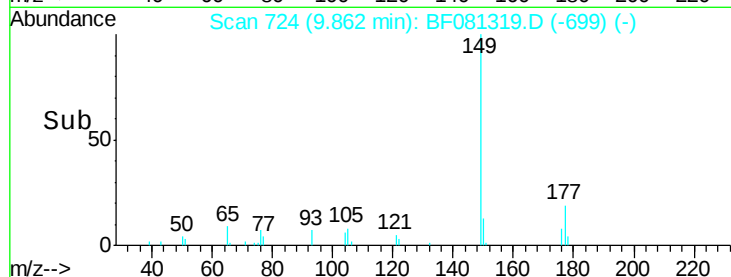
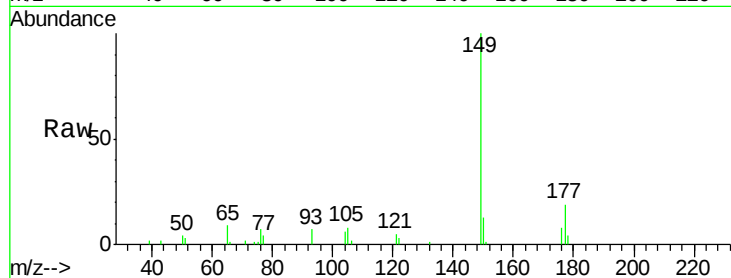




#59  
Diethylphthalate  
Concen: 2.39 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

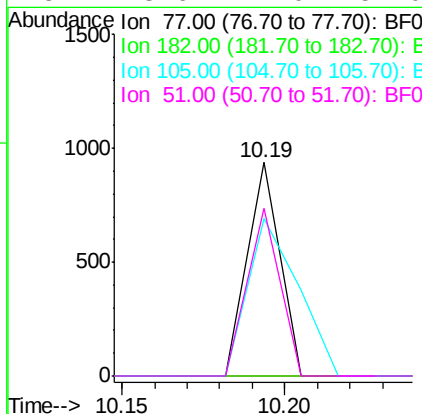
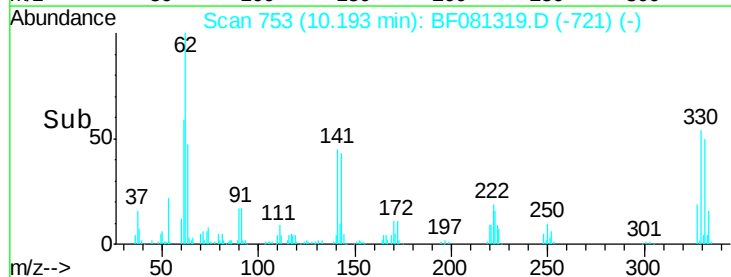
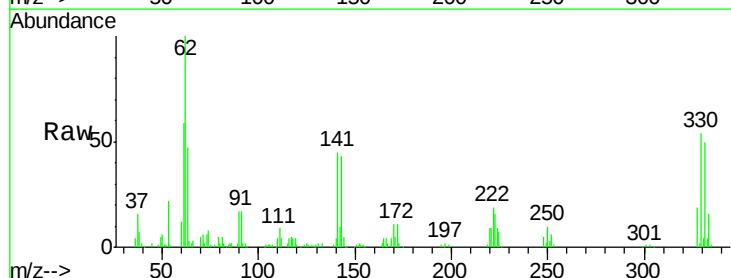
Instrument :  
BNA\_F  
ClientSampleId :

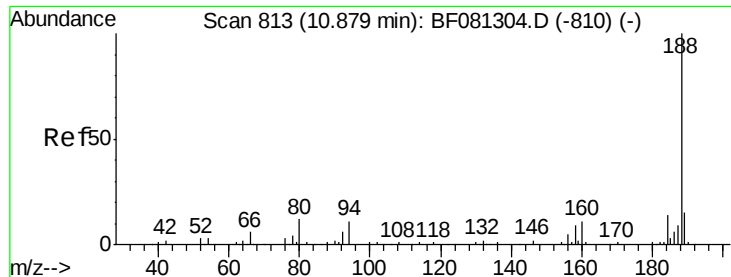
Tot Ion:149 Resp: 21301  
Ion Ratio Lower Upper  
149 100  
177 19.1 17.5 26.3  
150 13.2 9.4 14.2



#62  
Azobenzene  
Concen: 0.06 ng  
RT: 10.19 min Scan# 753  
Delta R.T. 0.07 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion: 77 Resp: 643  
Ion Ratio Lower Upper  
77 100  
182 0.0 15.1 55.1#  
105 73.5 3.4 43.4#  
51 78.6 12.0 52.0#

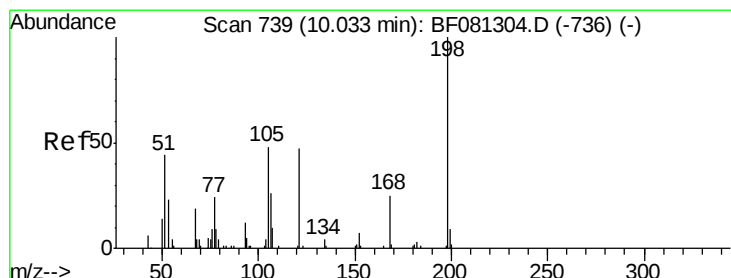
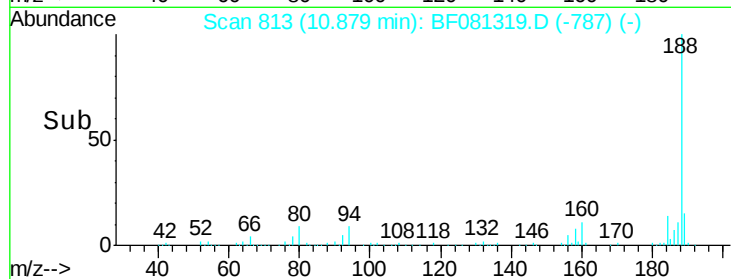
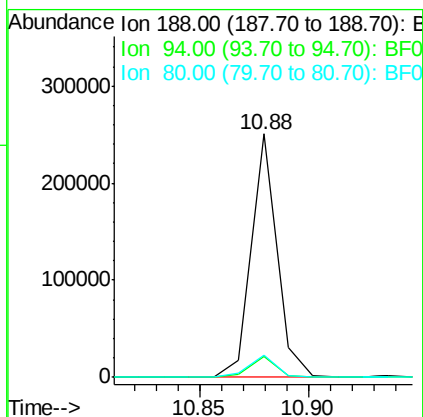
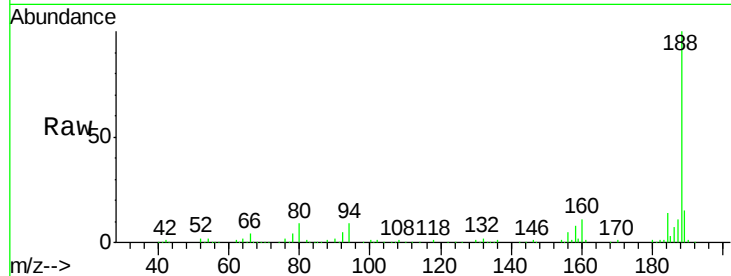




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.88 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

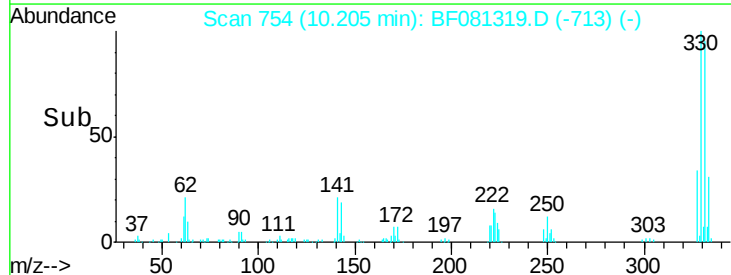
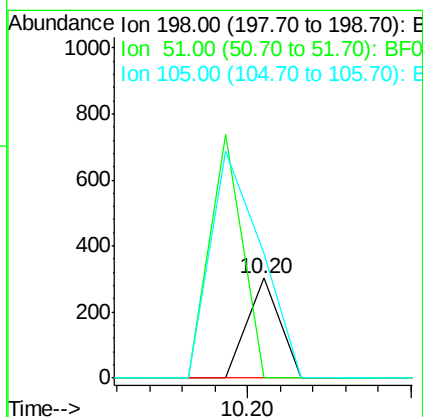
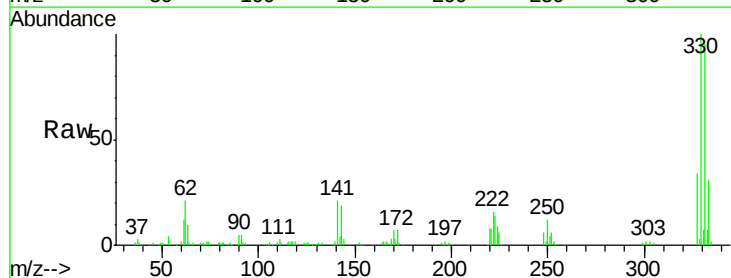
Instrument :  
BNA\_F  
ClientSampleId :

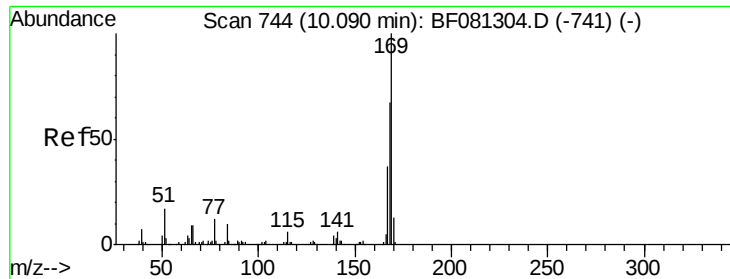
Tot Ion:188 Resp: 205974  
Ion Ratio Lower Upper  
188 100  
94 8.6 11.1 16.7#  
80 9.3 11.0 16.4#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.18 ng  
RT: 10.20 min Scan# 754  
Delta R.T. 0.17 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:198 Resp: 208  
Ion Ratio Lower Upper  
198 100  
51 0.0 39.6 79.6#  
105 124.4 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 0.79 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.10 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

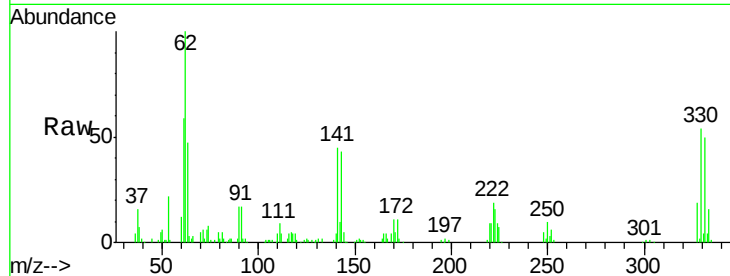
Tot Ion:169 Resp: 5889

Ion Ratio Lower Upper

169 100

168 0.0 48.9 73.3#

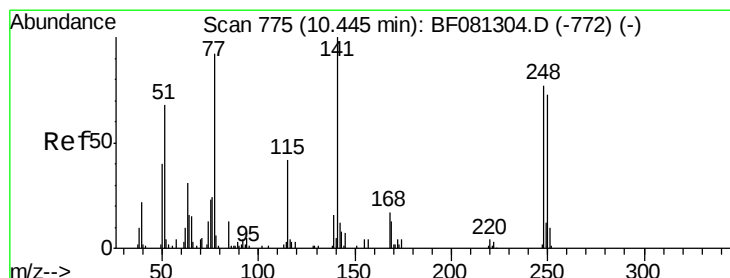
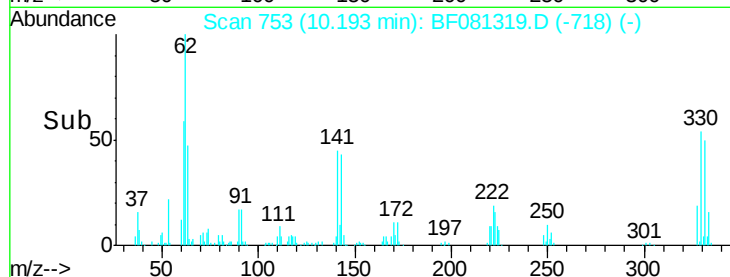
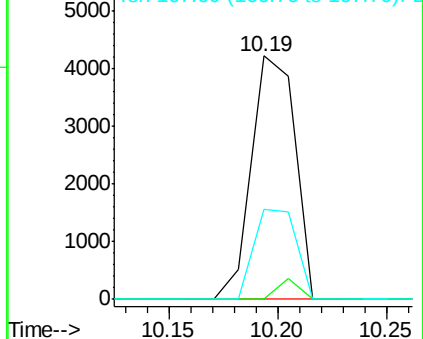
167 37.2 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.82 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.24 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

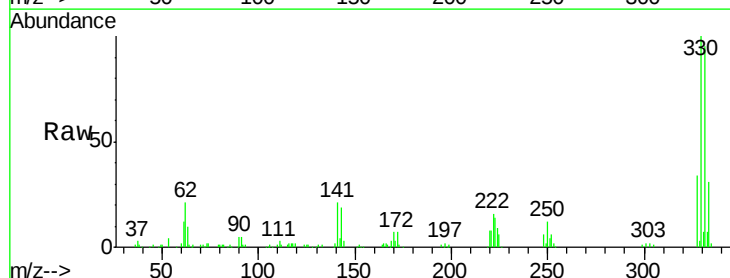
Tgt Ion:248 Resp: 10029

Ion Ratio Lower Upper

248 100

250 197.8 78.5 117.7#

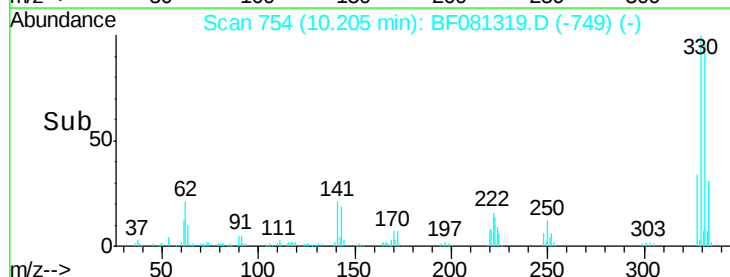
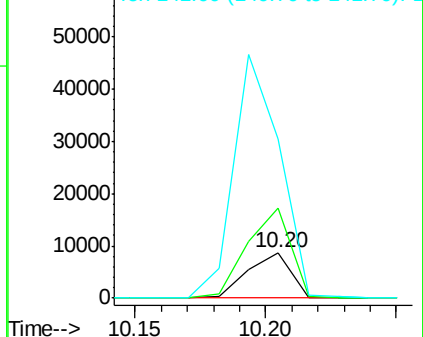
141 350.8 59.0 88.6#

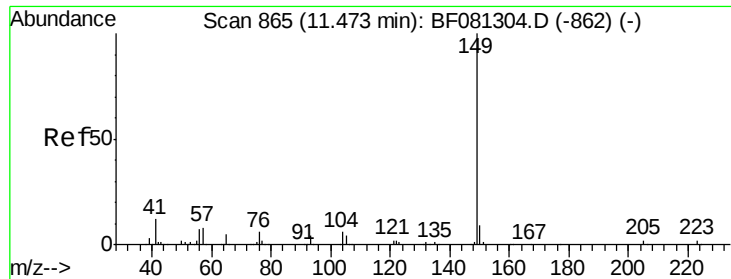


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.38 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

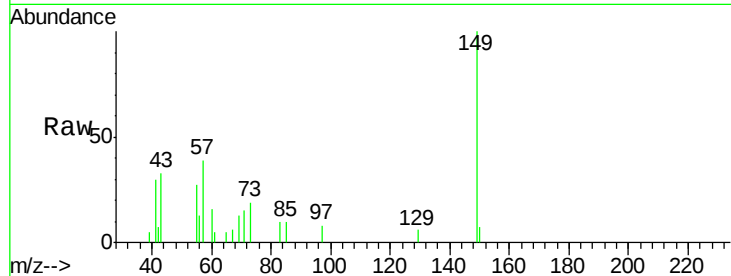
Tot Ion:149 Resp: 4943

Ion Ratio Lower Upper

149 100

150 6.5 7.4 11.2#

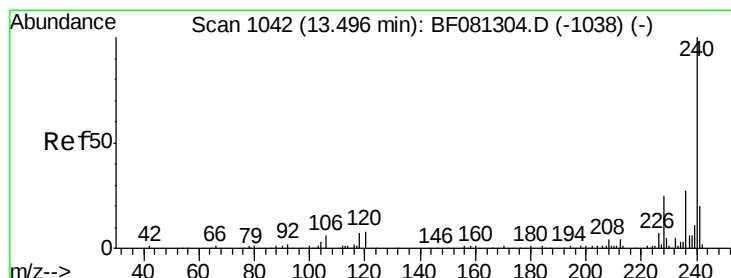
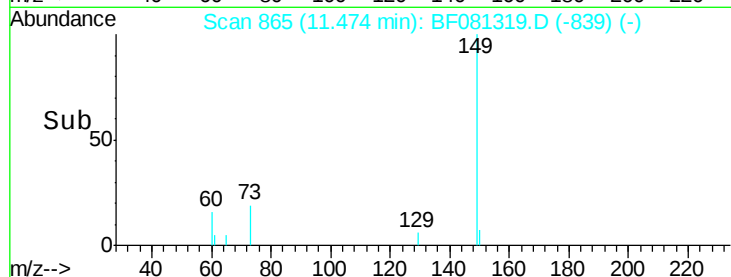
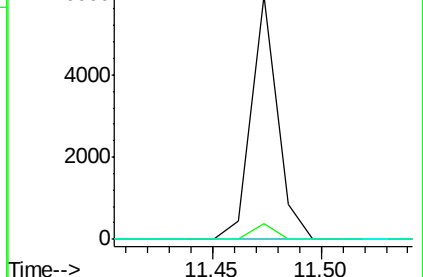
104 0.0 2.4 3.6#



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: 20.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

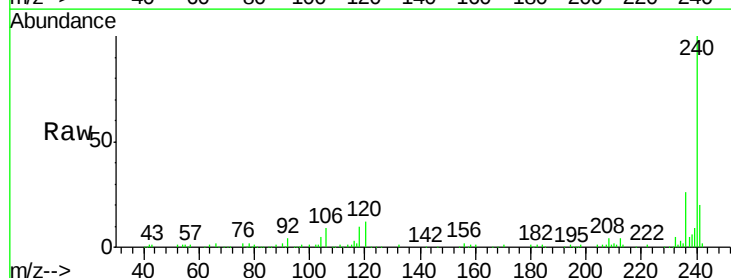
Tgt Ion:240 Resp: 154070

Ion Ratio Lower Upper

240 100

120 11.7 16.2 24.2#

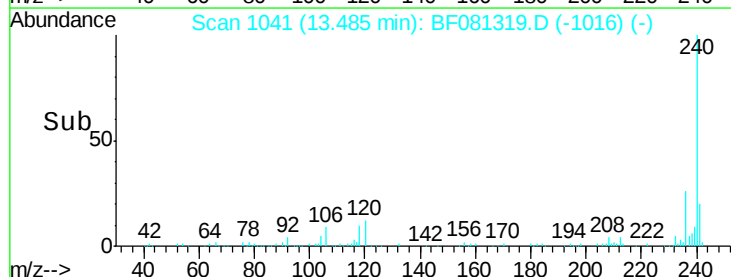
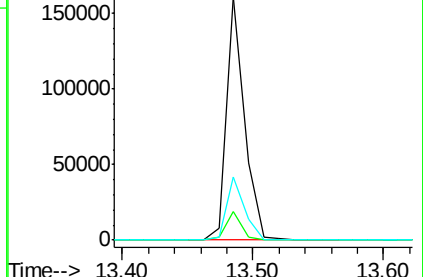
236 25.8 18.4 27.6

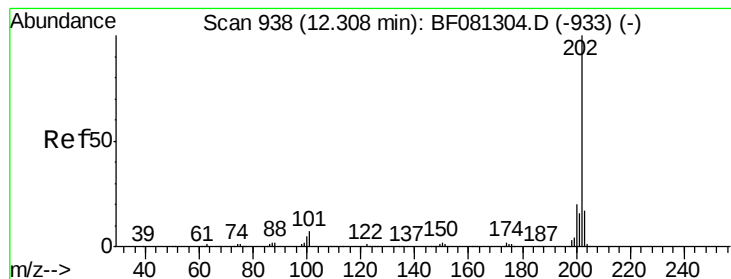


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.17 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.16 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampled :

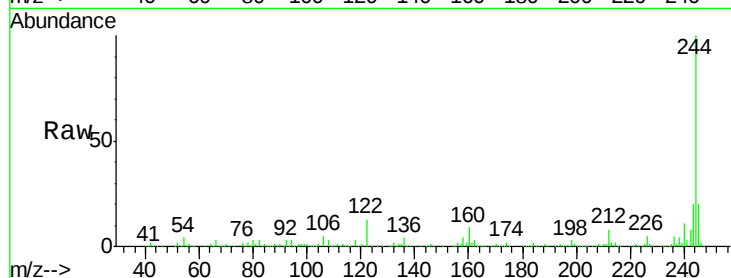
Tot Ion:202 Resp: 1946

Ion Ratio Lower Upper

202 100

200 40.7 15.0 22.4#

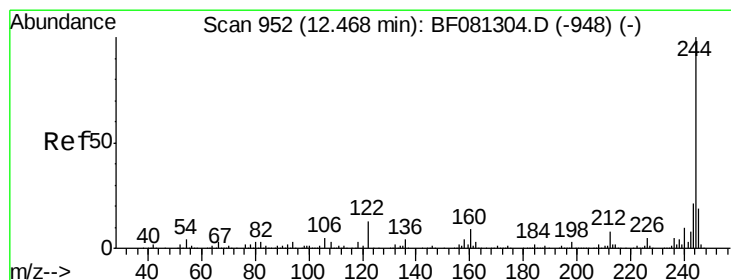
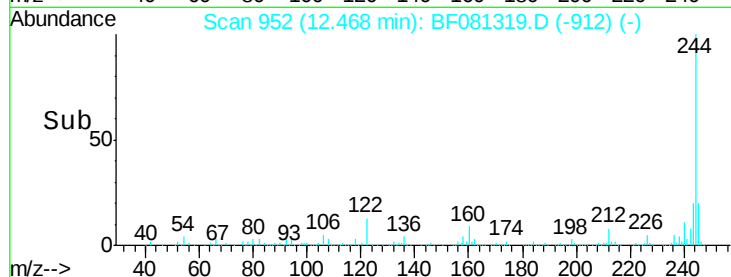
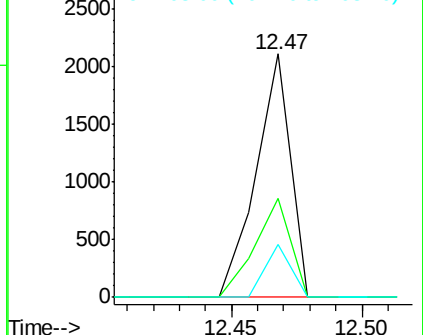
203 21.5 14.1 21.1#



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: 77.85 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

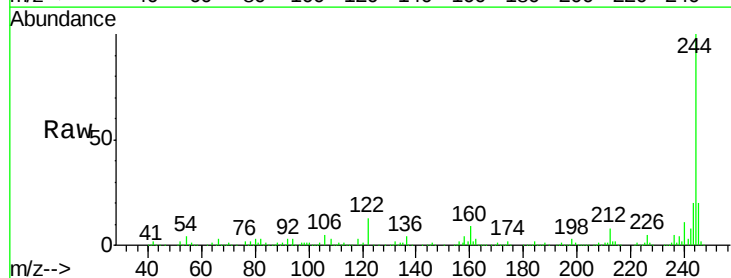
Tgt Ion:244 Resp: 515276

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

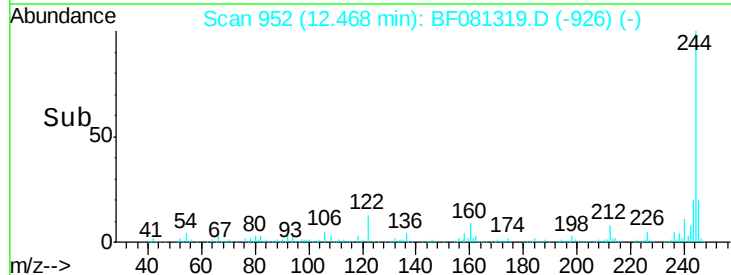
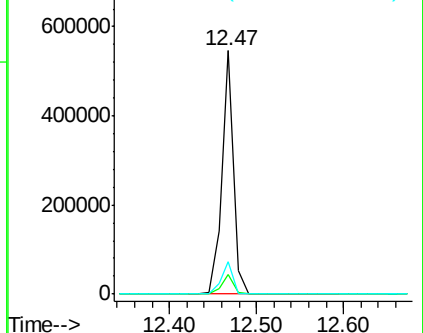
122 13.3 17.4 26.2#

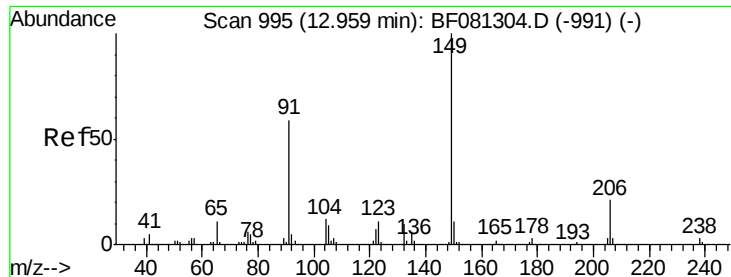


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

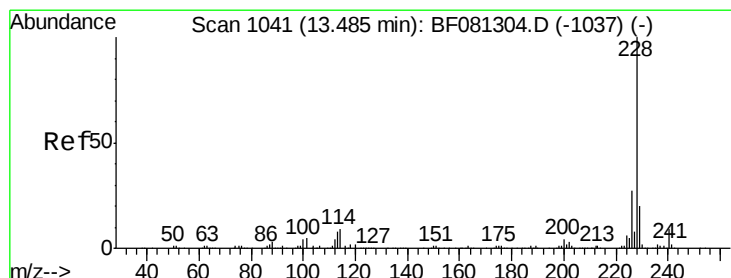
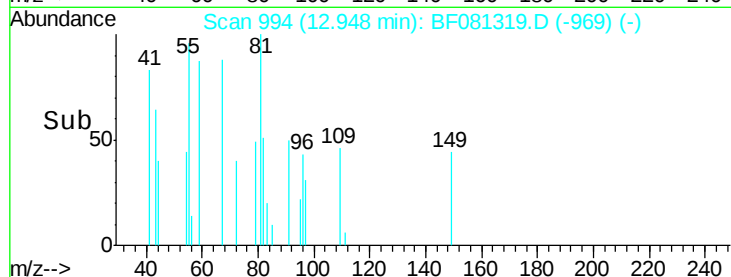
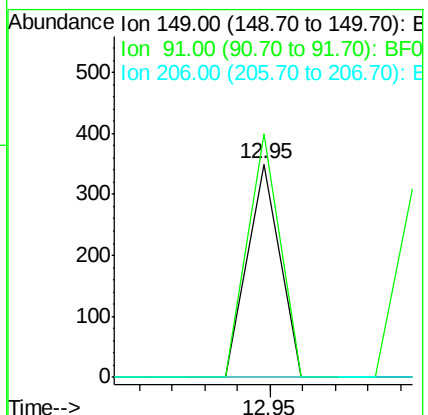
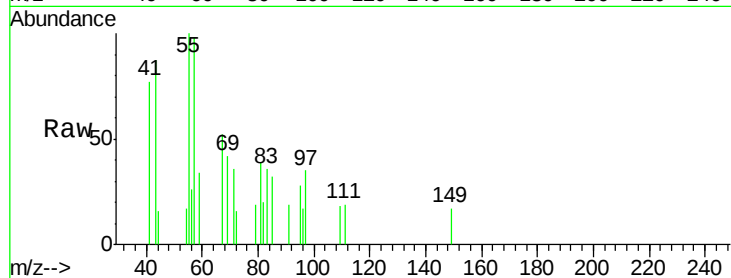




#79  
Butylbenzylphthalate  
Concen: 0.05 ng  
RT: 12.95 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

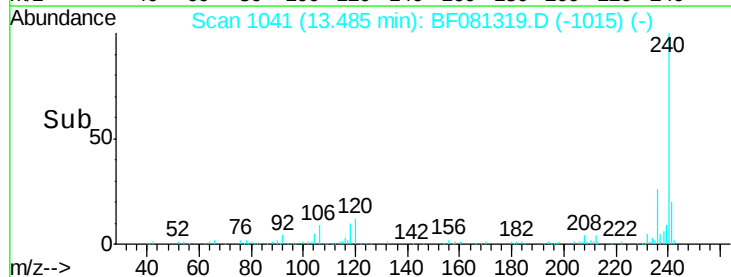
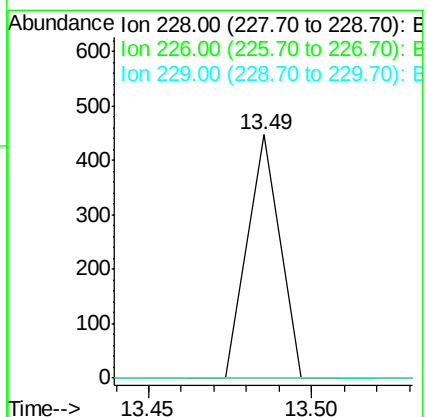
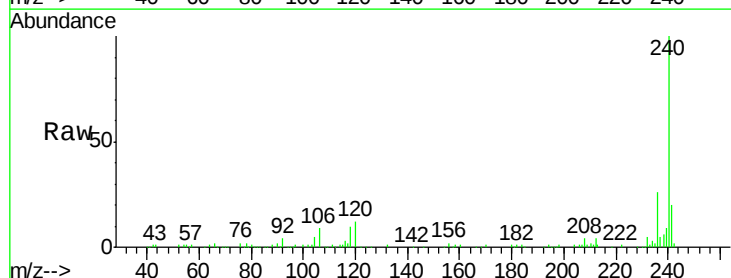
Instrument :  
BNA\_F  
ClientSampled :

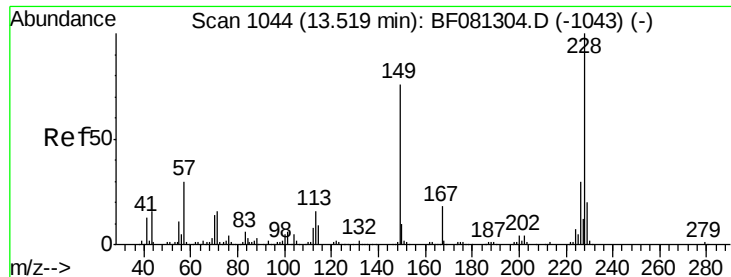
Tot Ion:149 Resp: 240  
Ion Ratio Lower Upper  
149 100  
91 114.0 48.6 72.8#  
206 0.0 14.9 22.3#



#80  
Benzo(a)anthracene  
Concen: 0.03 ng  
RT: 13.49 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:228 Resp: 307  
Ion Ratio Lower Upper  
228 100  
226 0.0 20.0 30.0#  
229 0.0 15.4 23.2#





#82

Chrysene

Concen: 0.03 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

Instrument :

BNA\_F

ClientSampleId :

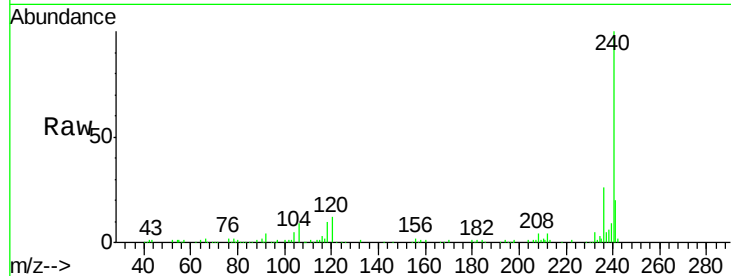
Tot Ion:228 Resp: 307

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

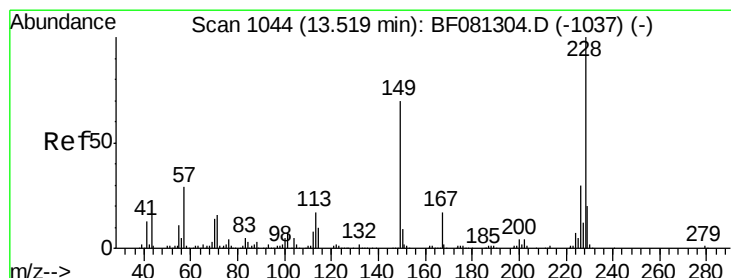
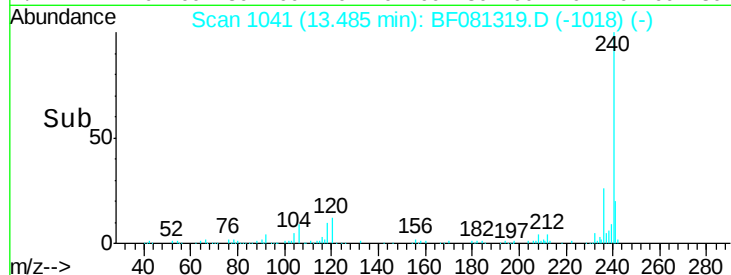
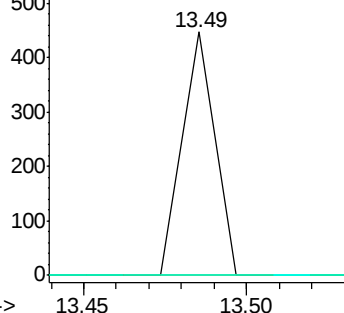
229 0.0 15.6 23.4#



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: 0.16 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081319.D

Acq: 1 Sep 2015 23:11

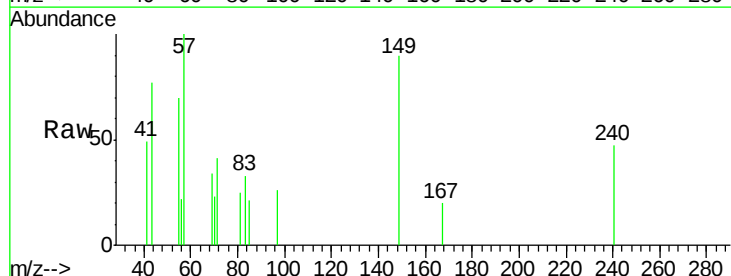
Tgt Ion:149 Resp: 1075

Ion Ratio Lower Upper

149 100

167 21.6 24.2 36.2#

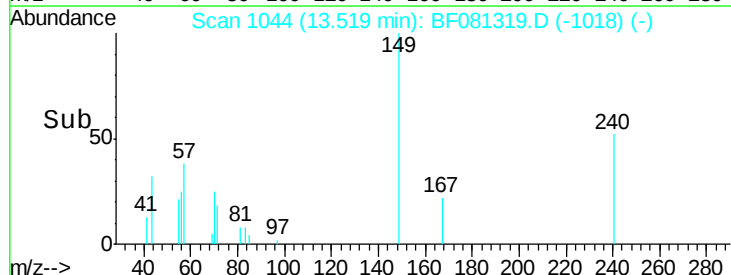
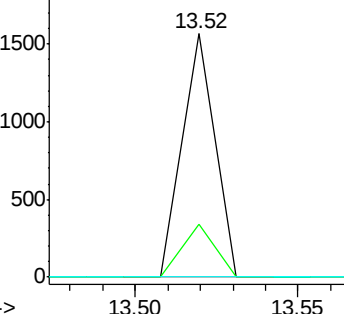
279 0.0 3.8 5.6#

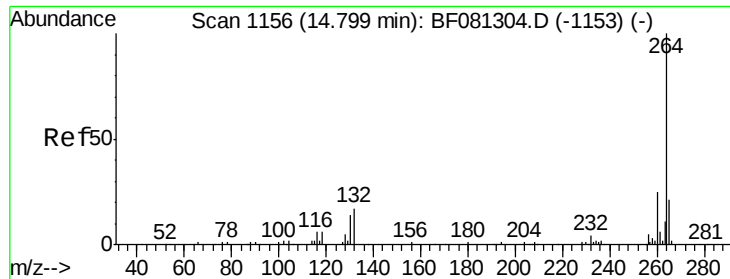


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

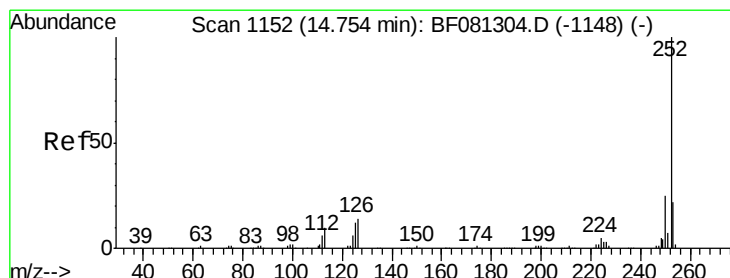
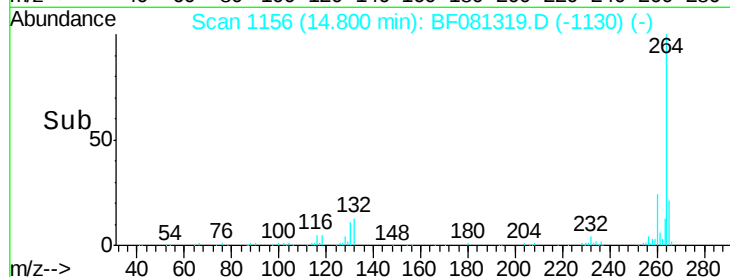
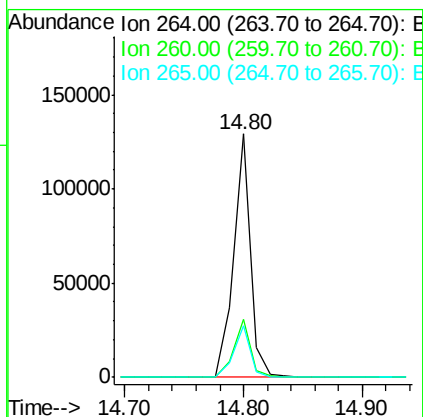
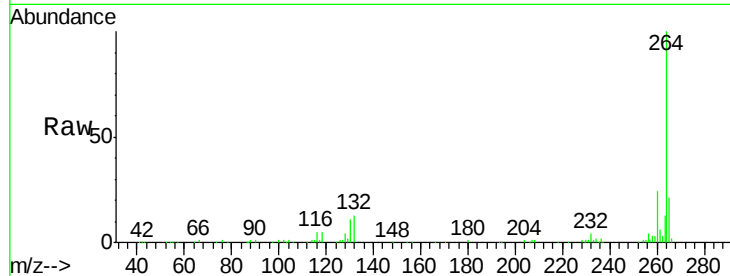




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 14.80 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 127605  
Ion Ratio Lower Upper  
264 100  
260 24.0 16.7 25.1  
265 21.3 17.2 25.8



#89  
Benzo(a)pyrene  
Concen: 0.04 ng  
RT: 14.80 min Scan# 1156  
Delta R.T. 0.05 min  
Lab File: BF081319.D  
Acq: 1 Sep 2015 23:11

Tgt Ion:252 Resp: 337  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.2 25.8#  
125 0.0 18.0 27.0#

