

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086040.D
 Acq On : 4 Apr 2016 16:10
 Operator : UM/SJ
 Sample : PB89461BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BL

Quant Time: Apr 05 00:55:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	114879	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	457106	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	211815	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	417570	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	392315	20.00	ng	-0.01
86) Perylene-d12	15.32	264	336071	20.00	ng	-0.01

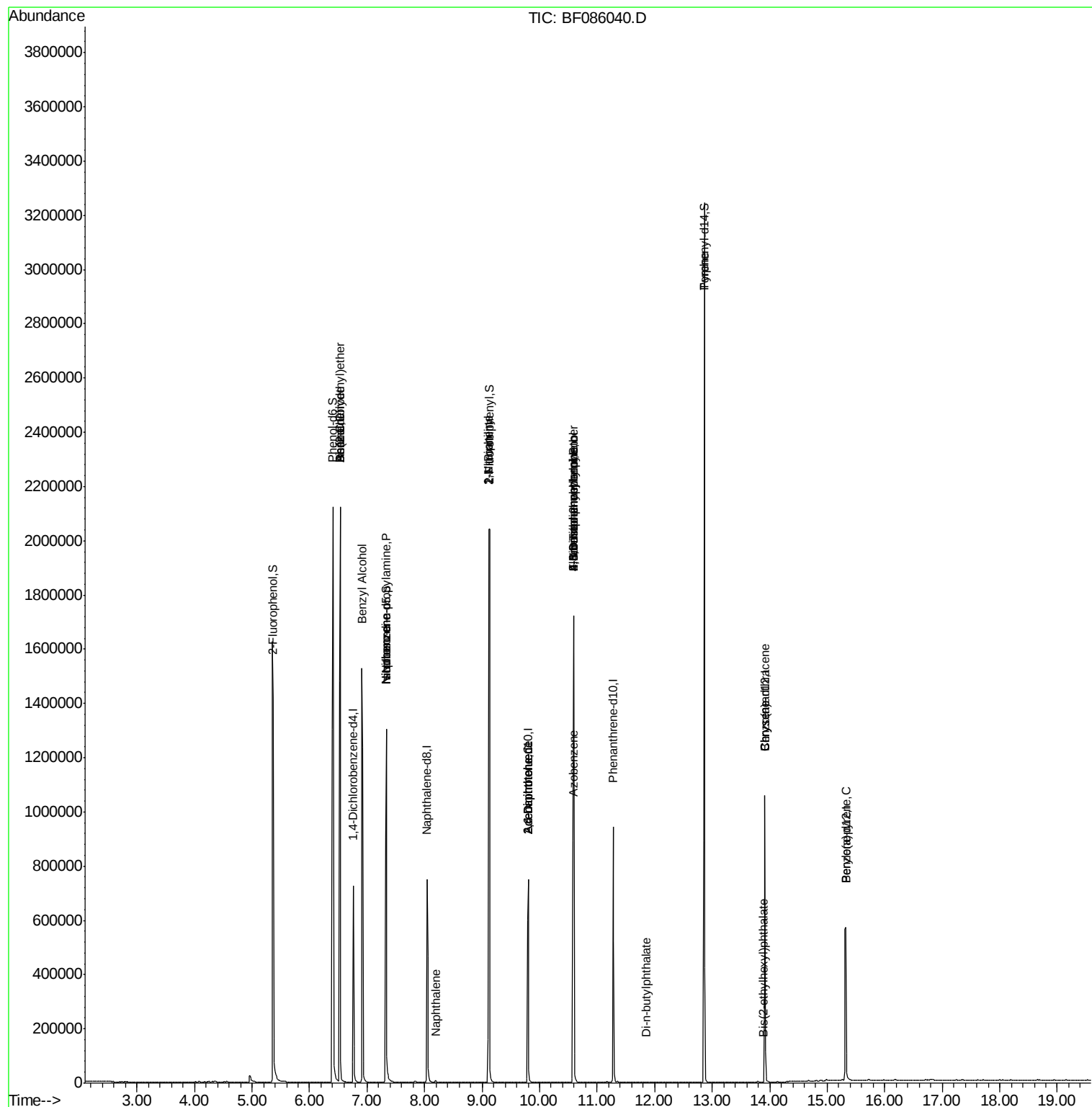
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	755882	112.47	ng	0.00
7) Phenol-d6	6.41	99	1010073	118.32	ng	-0.01
23) Nitrobenzene-d5	7.33	82	598188	77.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	261975	131.77	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1030157	80.86	ng	-0.01
78) Terphenyl-d14	12.86	244	1049483	62.88	ng	-0.01

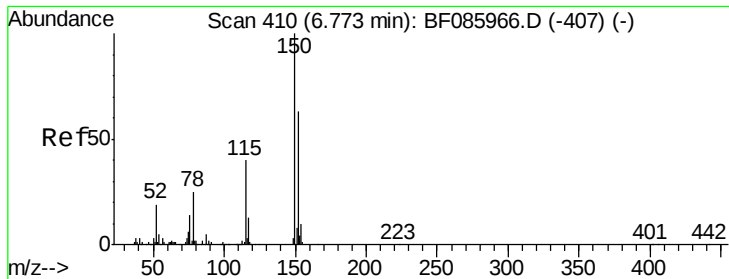
Target Compounds						Qvalue
6) Aniline	6.53	93	1046	0.09	ng	# 1
9) Benzaldehyde	6.53	77	16561	3.61	ng	# 88
10) Phenol	6.53	94	1373	0.14	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	1046	0.14	ng	# 1
15) Benzyl Alcohol	6.91	79	9630	1.74	ng	# 49
19) n-Nitroso-di-n-propylamine	7.33	70	76340	14.43	ng	# 75
24) Nitrobenzene	7.33	77	1497	0.18	ng	# 38
25) Isophorone	7.33	82	597169	39.03	ng	# 68
31) Naphthalene	8.19	128	212	0.01	ng	# 1
45) 1,1'-Biphenyl	9.12	154	1849	0.10	ng	# 1
47) 2-Nitroaniline	9.12	65	1355	0.35	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	25821	7.77	ng	# 18
51) Acenaphthene	9.80	154	774	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.80	165	25821	6.15	ng	# 36
57) Fluorene	10.59	166	11345	0.80	ng	# 94
62) Azobenzene	10.58	77	1095	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.59	198	628	0.25	ng	# 27
65) n-Nitrosodiphenylamine	10.59	169	7634	0.58	ng	# 43
66) 4-Bromophenyl-phenylether	10.59	248	17186	4.03	ng	# 1
73) Di-n-butylphthalate	11.85	149	1892	0.07	ng	# 78
77) Pyrene	12.86	202	3754	0.14	ng	# 64
80) Benzo(a)anthracene	13.92	228	1019	0.04	ng	# 57
82) Chrysene	13.92	228	1019	0.05	ng	# 53
83) Bis(2-ethylhexyl)phthalate	13.89	149	225	0.01	ng	# 54
89) Benzo(a)pyrene	15.32	252	929	0.05	ng	# 59

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

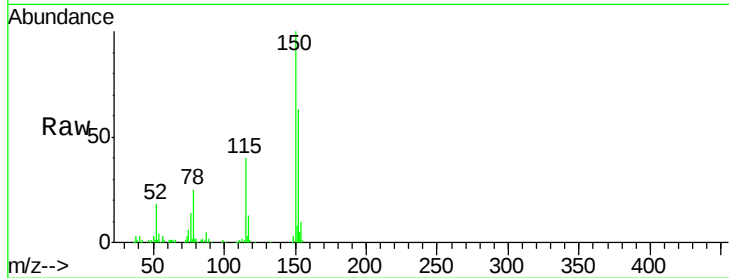
Tgt Ion:152 Resp: 114879

Ion Ratio Lower Upper

152 100

150 158.9 124.2 186.2

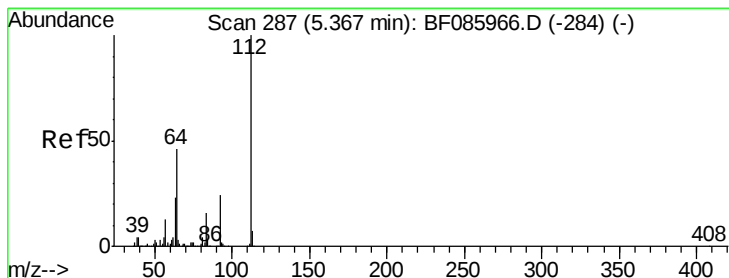
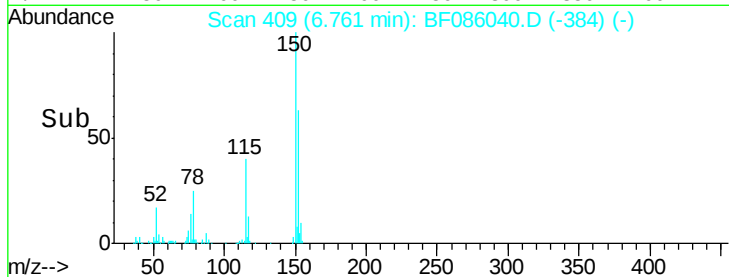
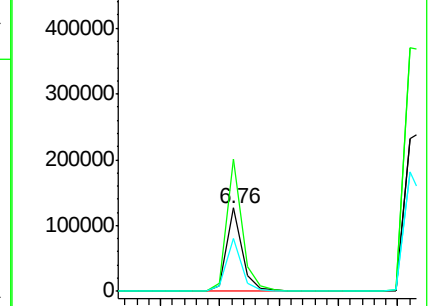
115 63.1 47.0 70.6



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: 112.47 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

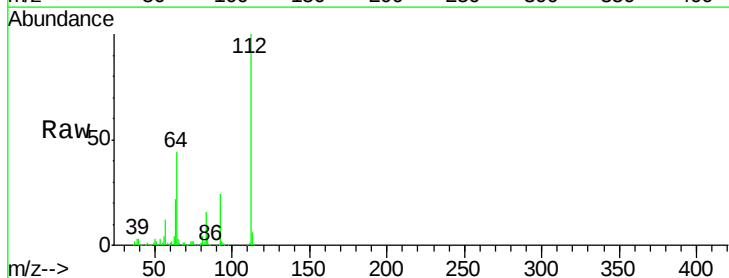
Tgt Ion:112 Resp: 755882

Ion Ratio Lower Upper

112 100

64 43.5 39.9 59.9

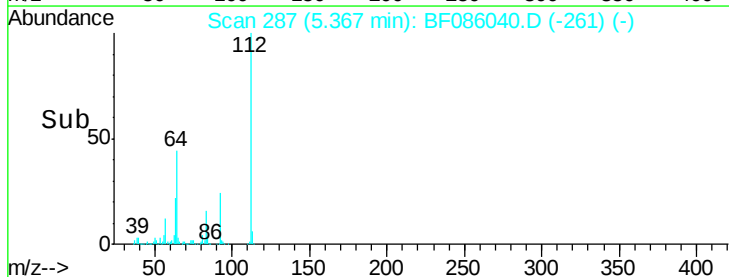
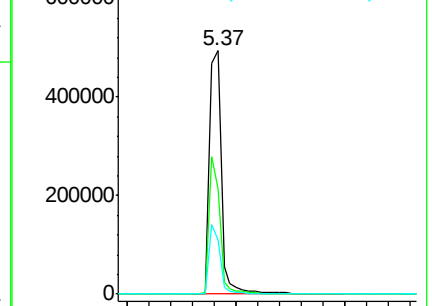
63 22.3 20.2 30.2

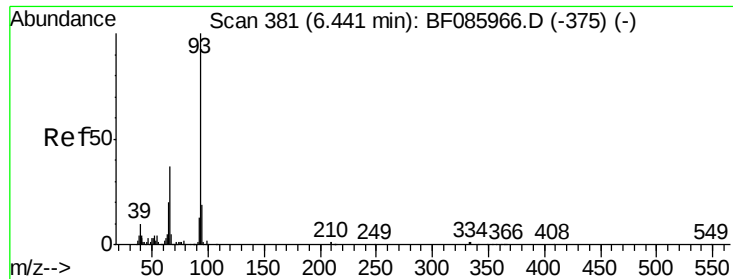


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.09 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.09 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

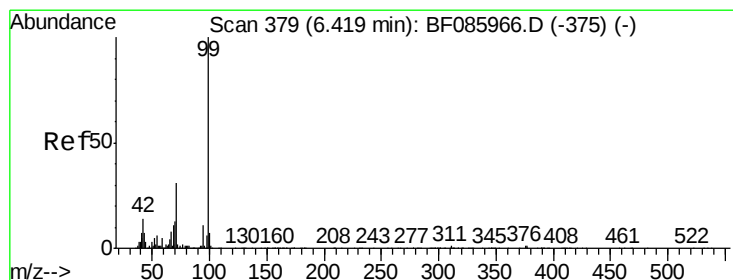
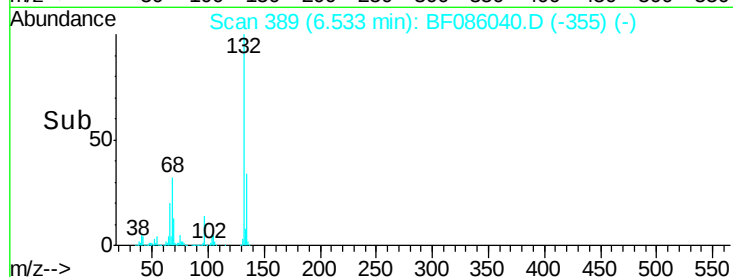
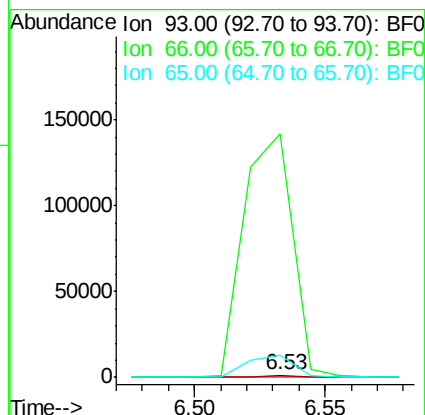
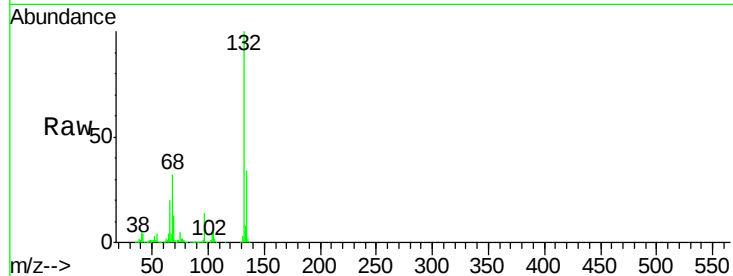
Tgt Ion: 93 Resp: 1046

Ion Ratio Lower Upper

93 100

66 14673.0 31.4 47.2#

65 1331.9 15.7 23.5#



#7

Phenol-d6

Concen: 118.32 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

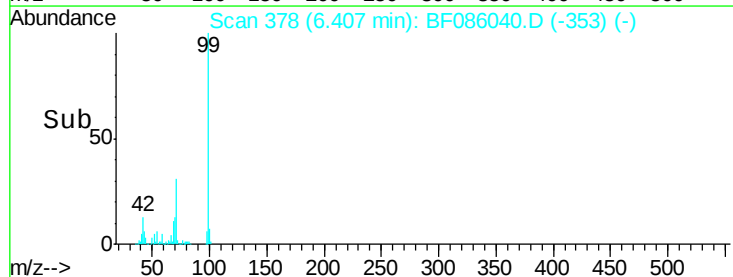
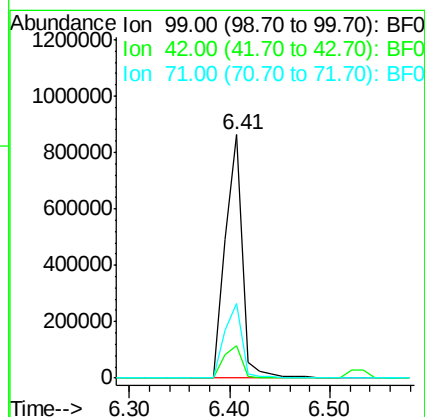
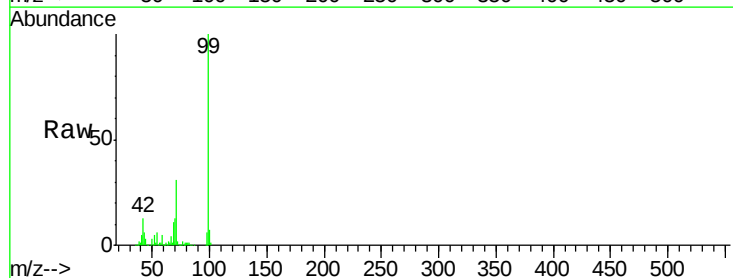
Tgt Ion: 99 Resp: 1010073

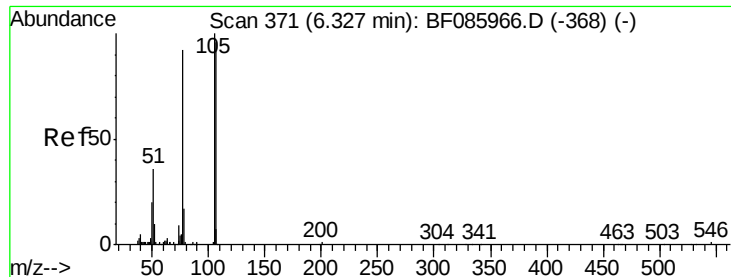
Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

71 30.8 24.9 37.3





#9

Benzaldehyde

Concen: 3.61 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

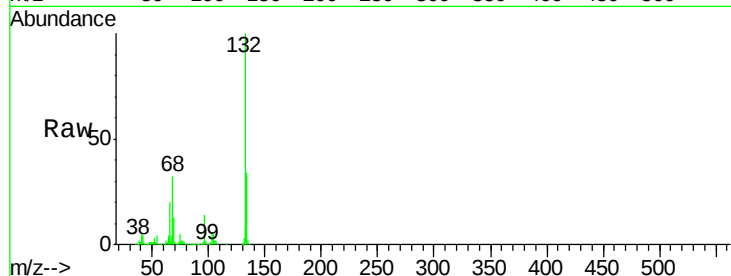
Tgt Ion: 77 Resp: 16561

Ion Ratio Lower Upper

77 100

105 91.5 80.1 120.1

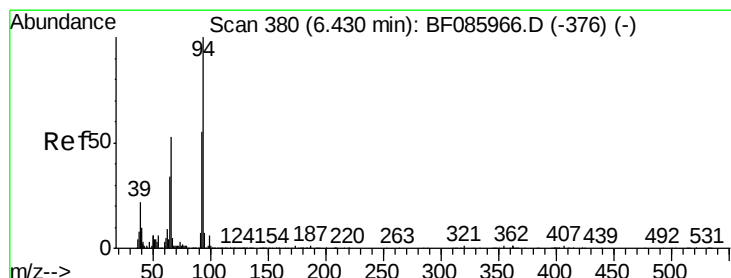
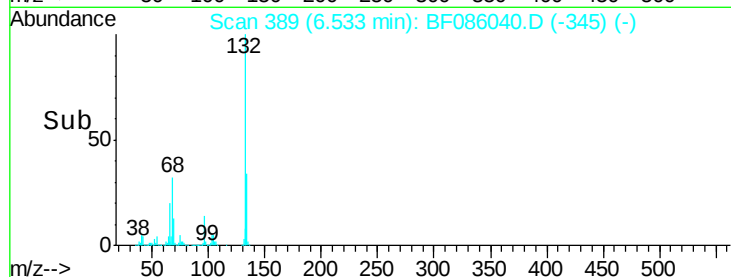
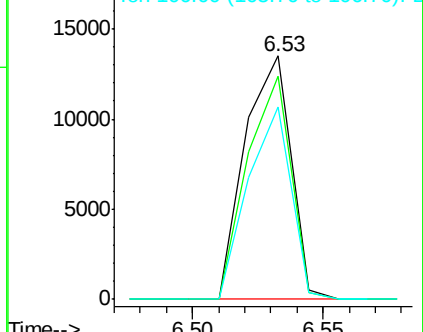
106 79.3 75.0 115.0



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: 0.14 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.10 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

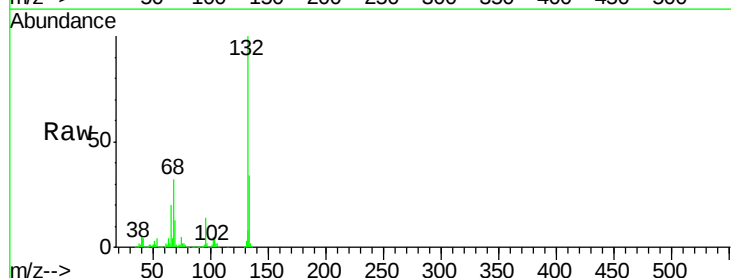
Tgt Ion: 94 Resp: 1373

Ion Ratio Lower Upper

94 100

65 1067.0 8.6 48.6#

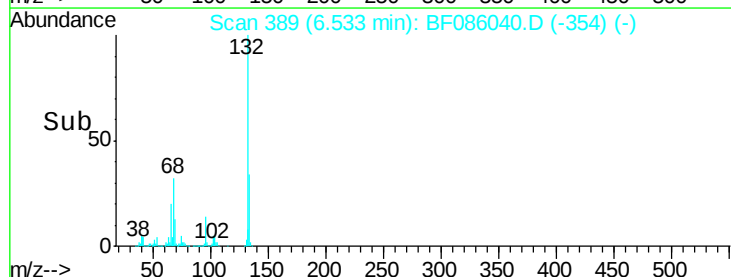
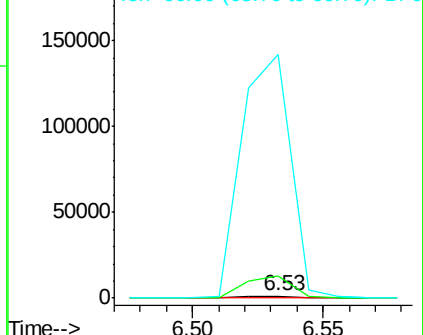
66 11755.4 20.0 60.0#

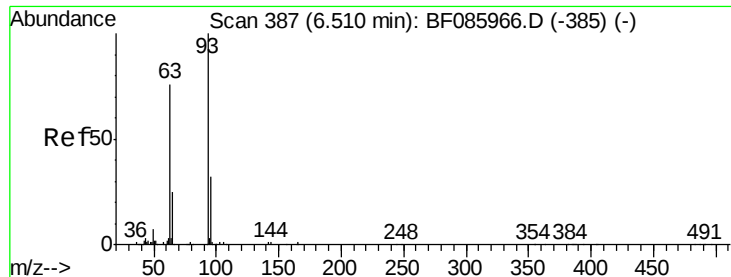


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

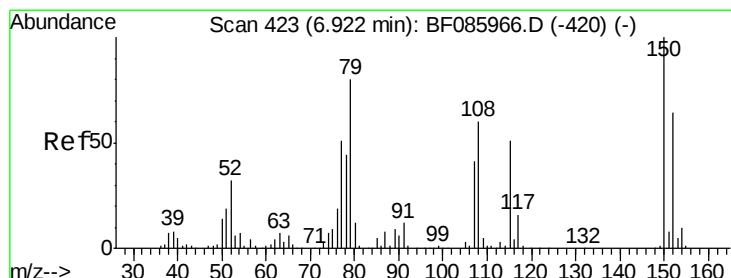
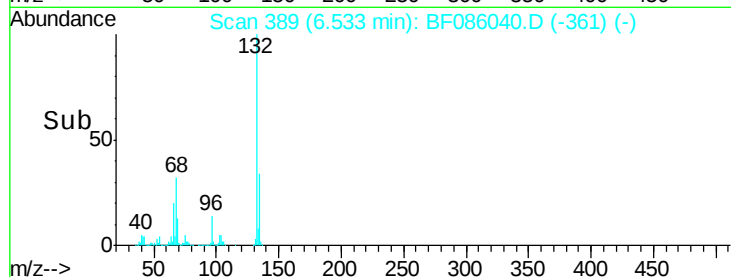
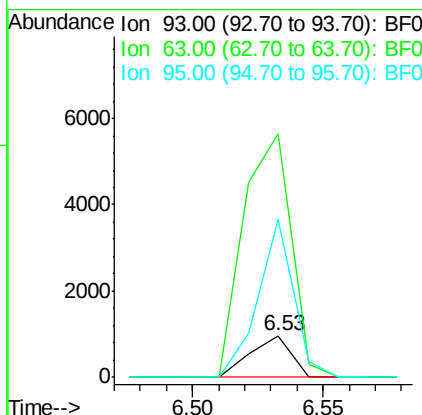
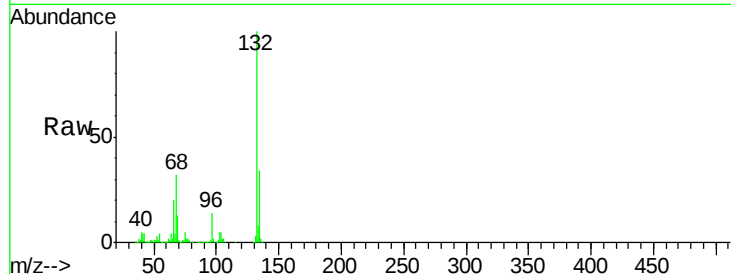




#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

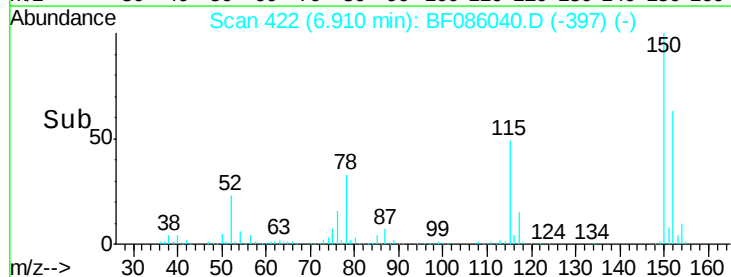
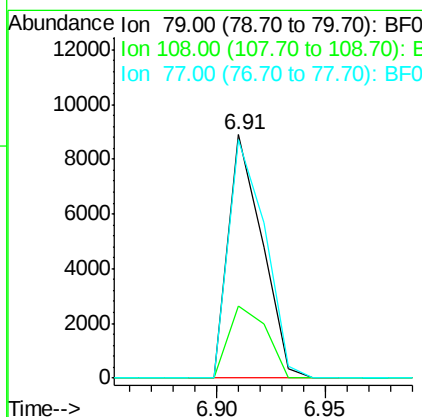
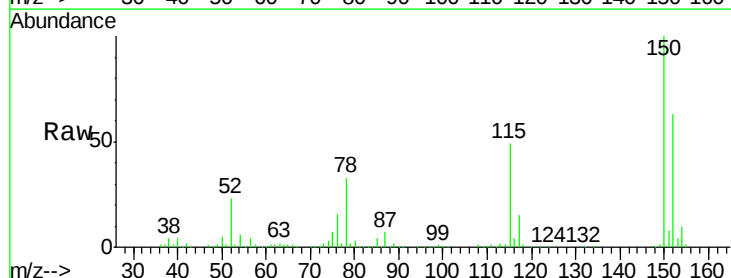
Instrument :
BNA_F
ClientSampleId :
PB89461BL

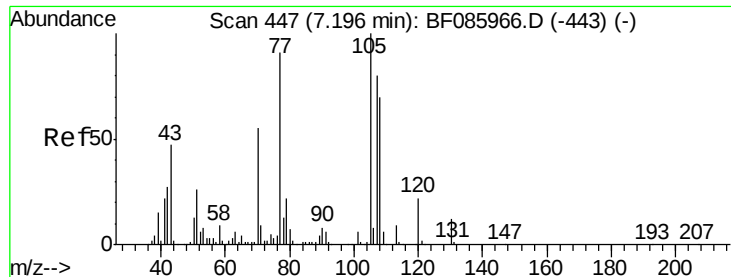
Tgt Ion: 93 Resp: 1046
Ion Ratio Lower Upper
93 100
63 583.5 50.9 90.9#
95 377.1 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.74 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion: 79 Resp: 9630
Ion Ratio Lower Upper
79 100
108 29.8 61.8 92.6#
77 98.1 49.6 74.4#

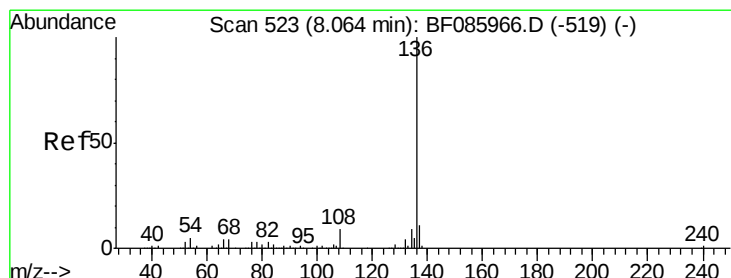
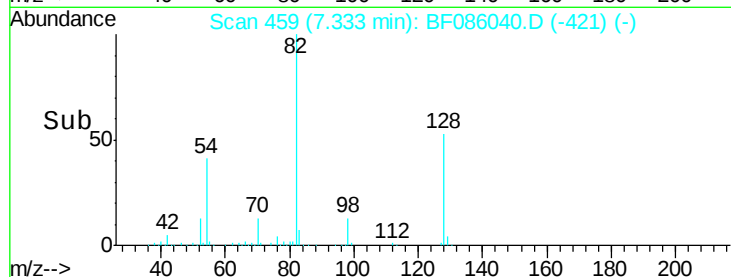
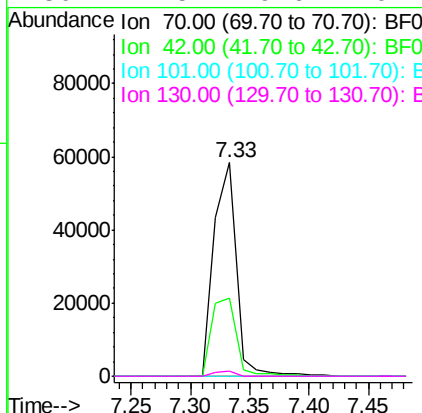
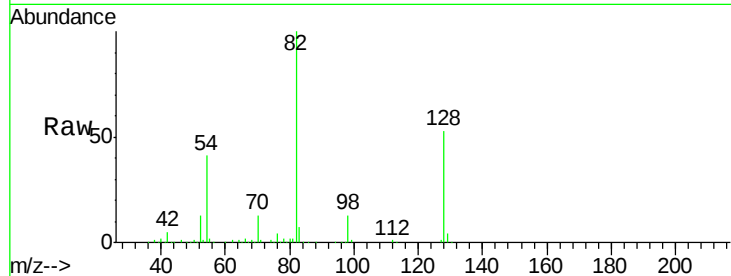




#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

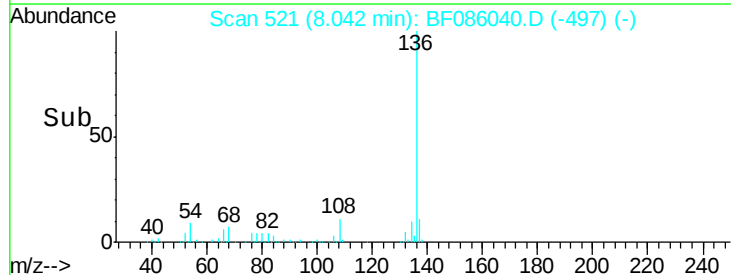
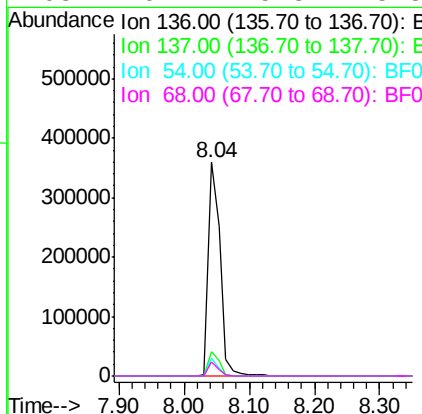
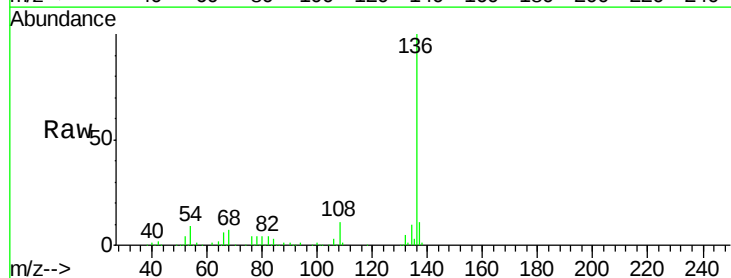
Instrument :
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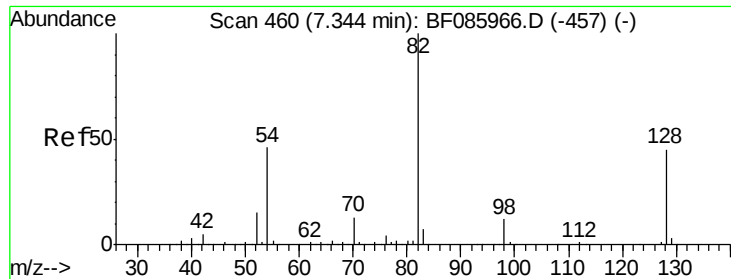
Tgt Ion: 70 Resp: 76340
Ion Ratio Lower Upper
70 100
42 36.6 37.1 55.7#
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion: 136 Resp: 457106
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.6 7.4 11.0
68 6.7 5.8 8.8

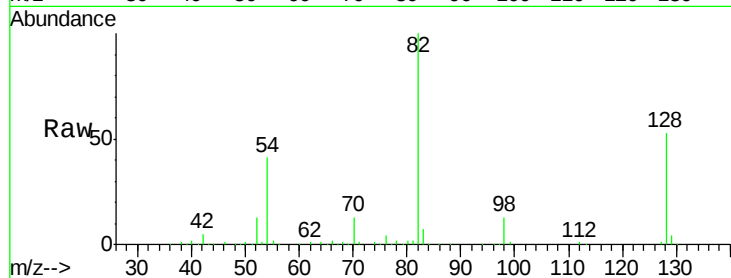




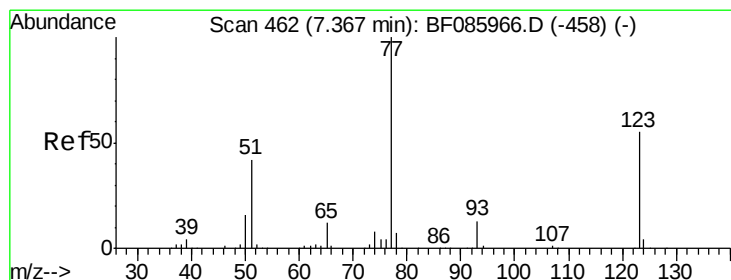
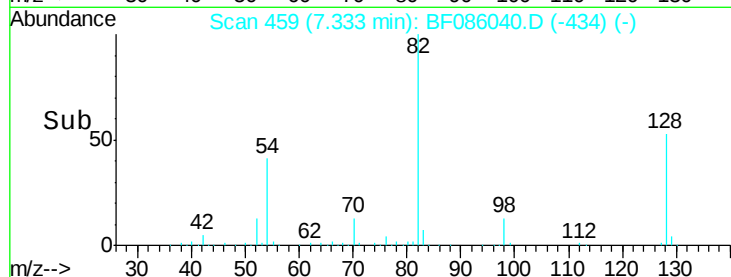
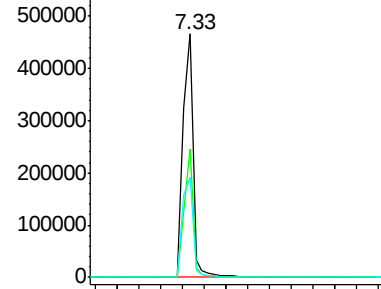
#23
 Nitrobenzene-d5
 Concen: 77.17 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BL

Tgt Ion: 82 Resp: 598188
 Ion Ratio Lower Upper
 82 100
 128 52.7 41.8 62.8
 54 41.2 33.4 50.0

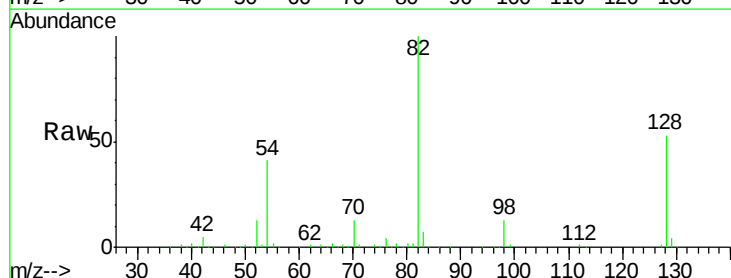


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

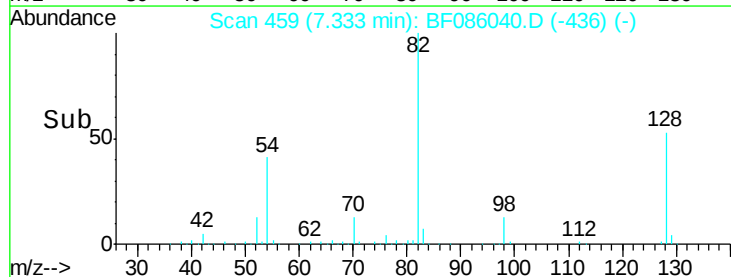
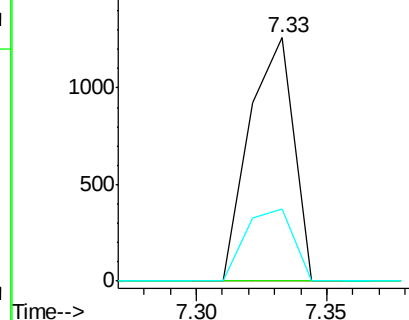


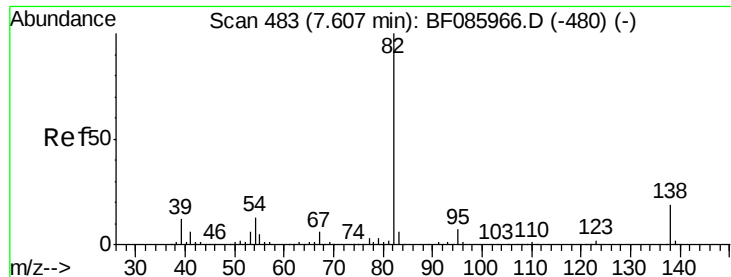
#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

Tgt Ion: 77 Resp: 1497
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.4#
 65 29.7 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.03 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

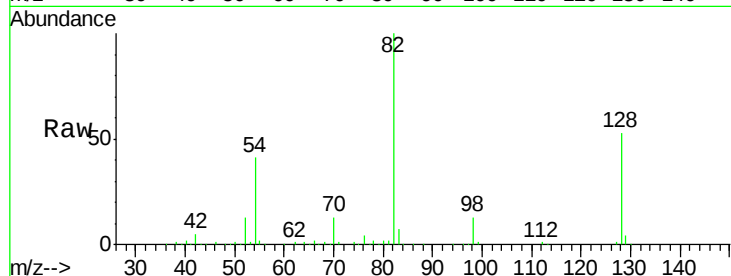
Tgt Ion: 82 Resp: 597169

Ion Ratio Lower Upper

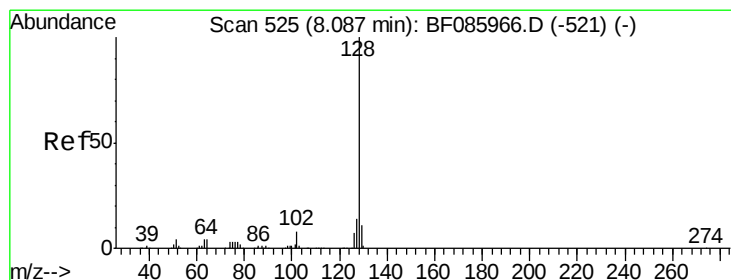
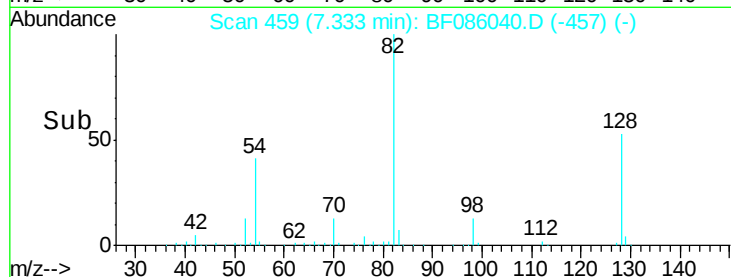
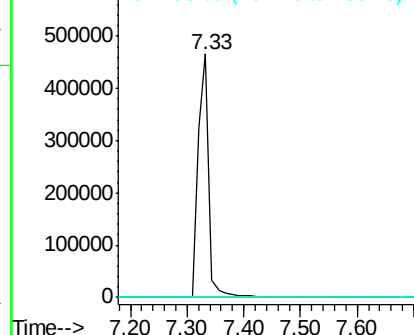
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 0.01 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.10 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

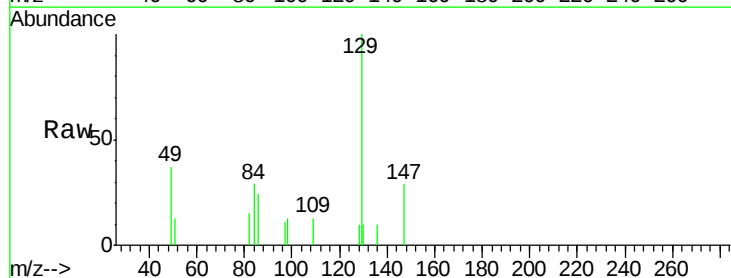
Tgt Ion: 128 Resp: 212

Ion Ratio Lower Upper

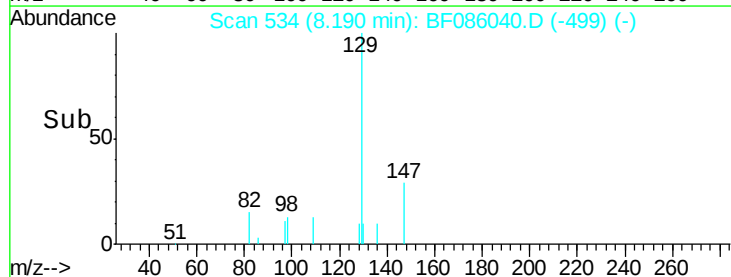
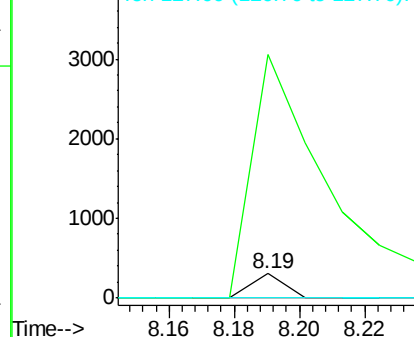
128 100

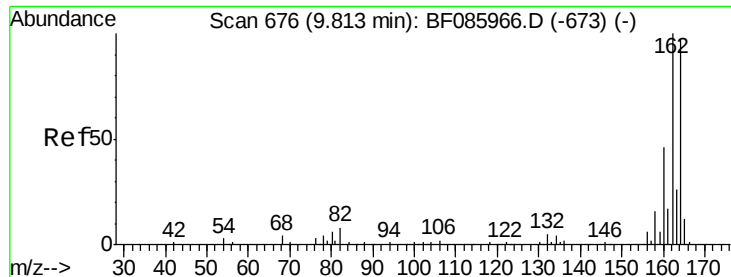
129 988.7 9.4 14.0#

127 0.0 11.0 16.6#



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

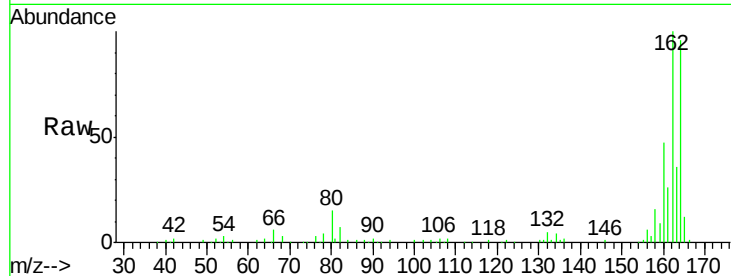
Tgt Ion:164 Resp: 211815

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

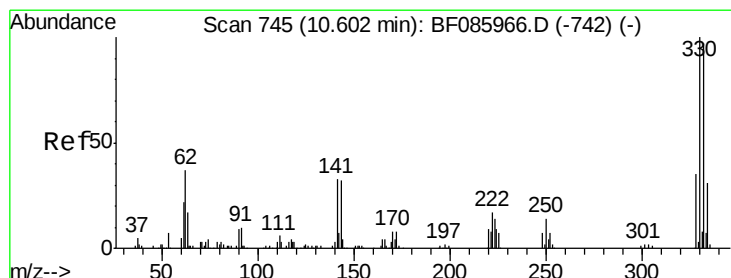
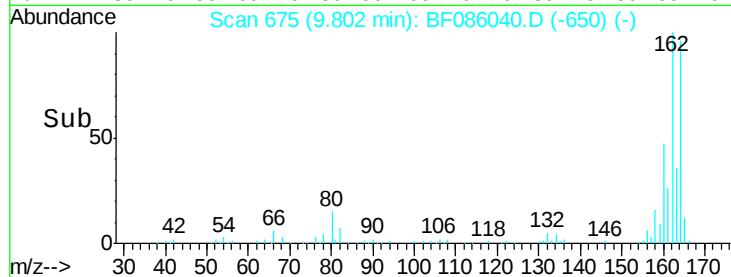
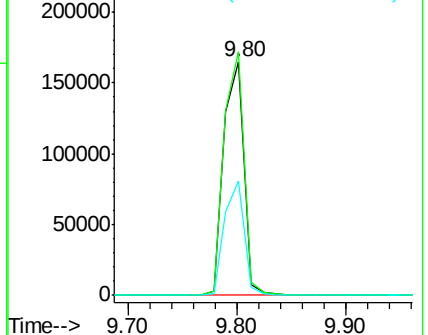
160 49.1 37.4 56.2



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: 131.77 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

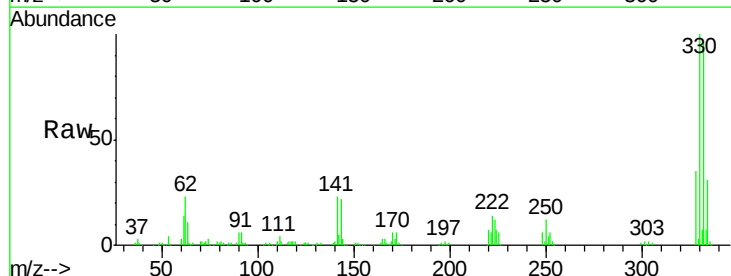
Tgt Ion:330 Resp: 261975

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

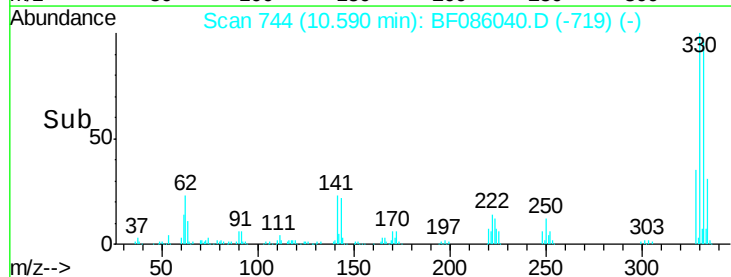
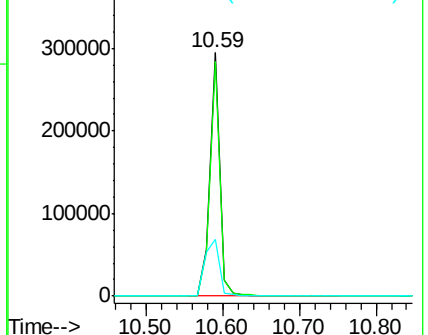
141 34.2 31.5 47.3

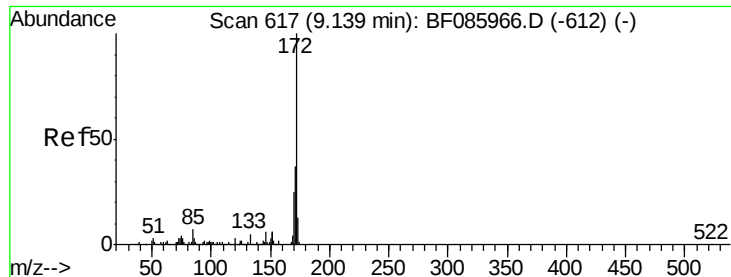


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 80.86 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

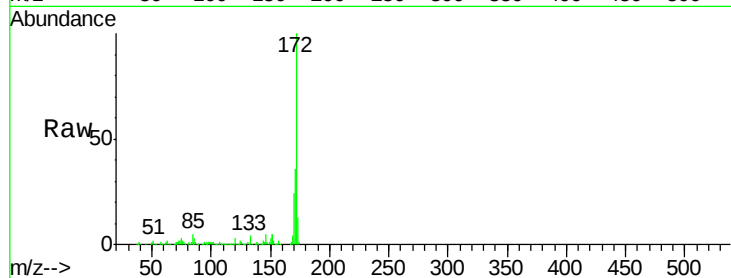
Tgt Ion:172 Resp: 1030157

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.2

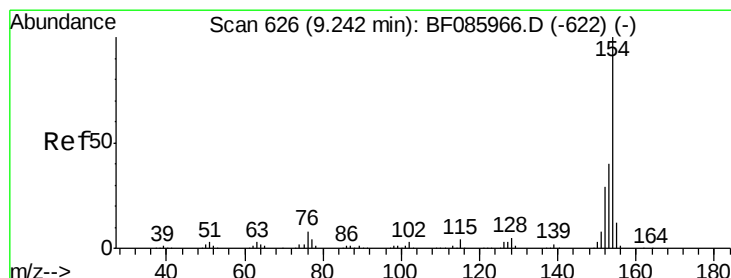
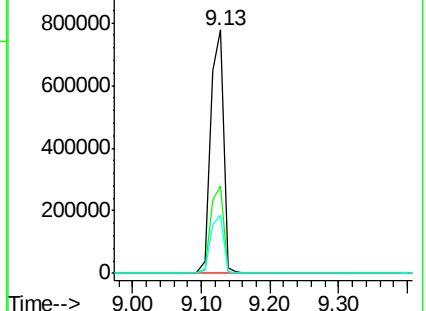
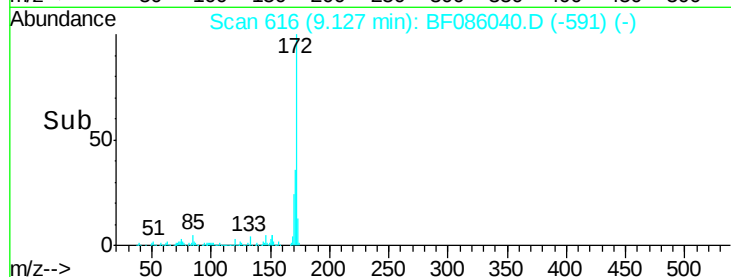
170 23.9 19.8 29.6



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



#45

1,1'-Biphenyl

Concen: 0.10 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.13 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

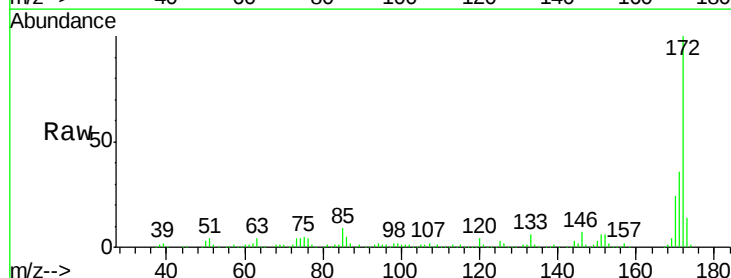
Tgt Ion:154 Resp: 1849

Ion Ratio Lower Upper

154 100

153 936.4 20.8 60.8#

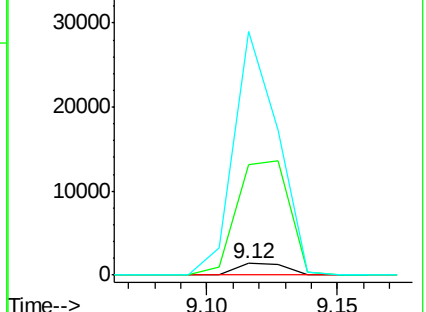
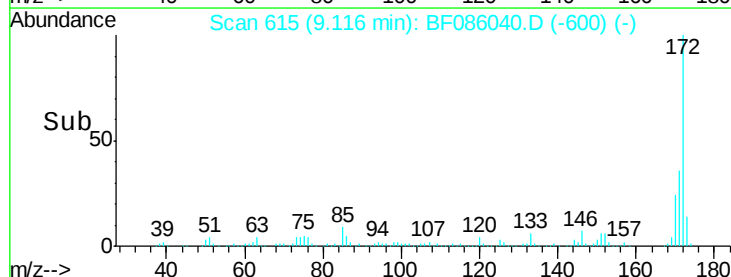
76 2053.3 0.0 36.7#

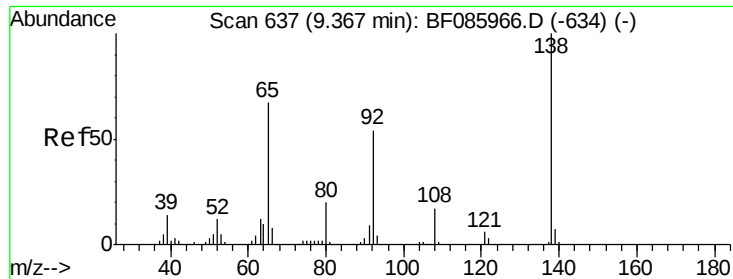


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 0.35 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.25 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

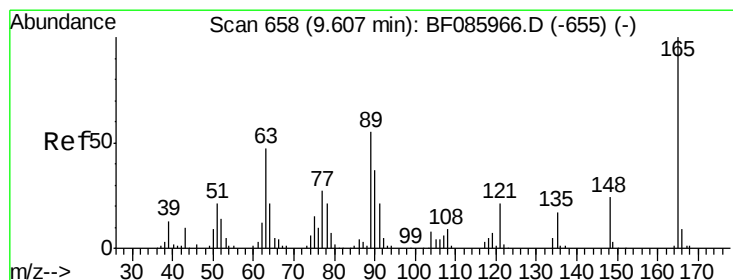
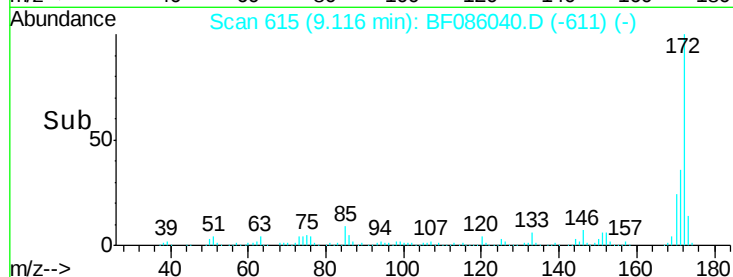
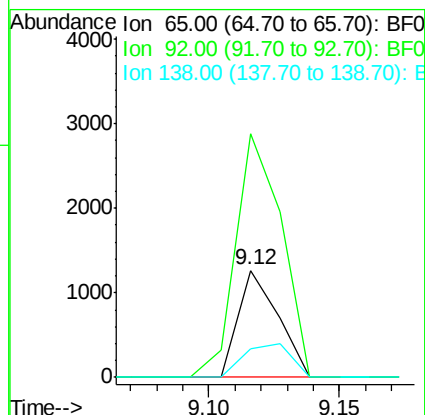
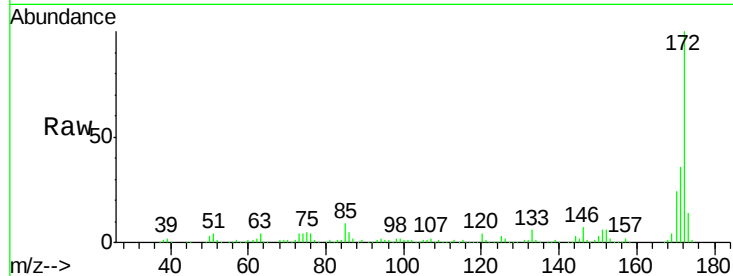
Tgt Ion: 65 Resp: 1355

Ion Ratio Lower Upper

65 100

92 227.4 59.7 89.5#

138 26.9 91.4 137.0#



#50

2,6-Dinitrotoluene

Concen: 7.77 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

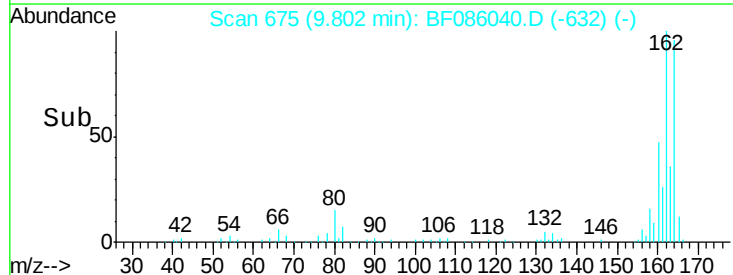
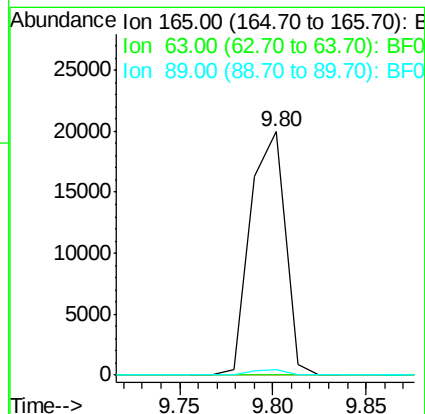
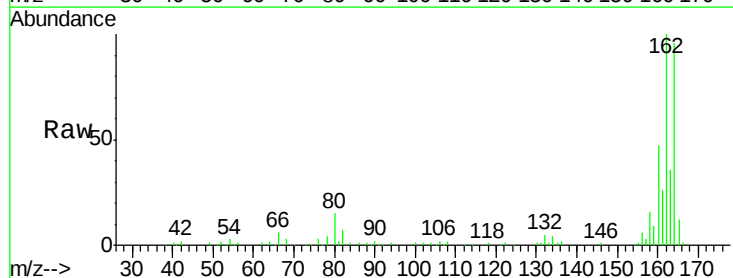
Tgt Ion: 165 Resp: 25821

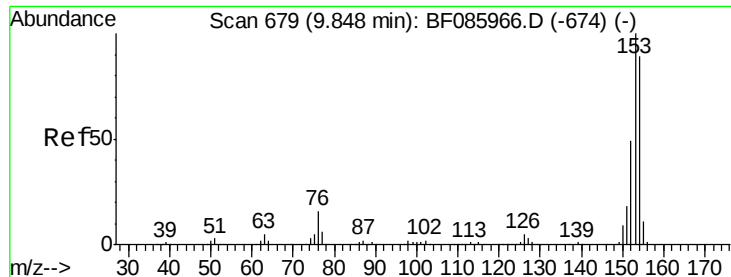
Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

89 2.0 53.7 80.5#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

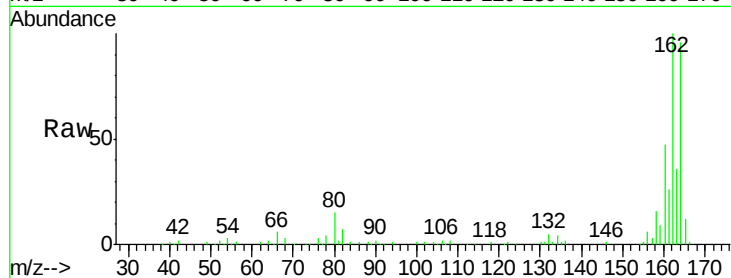
Tgt Ion:154 Resp: 774

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

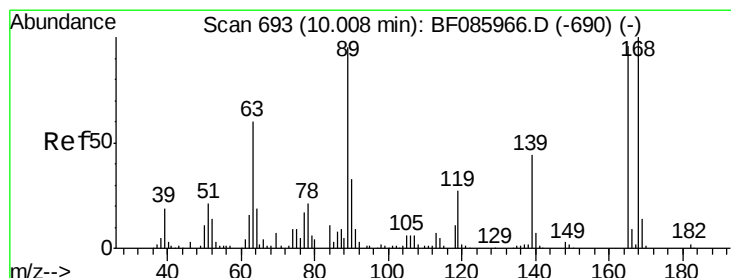
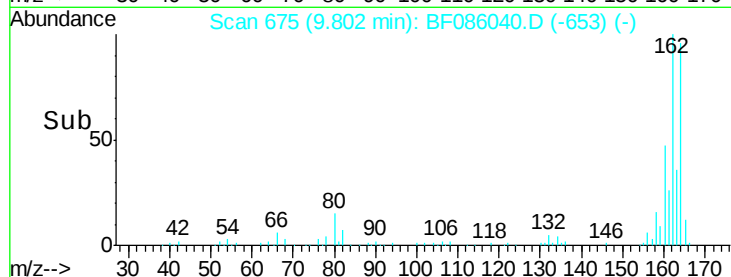
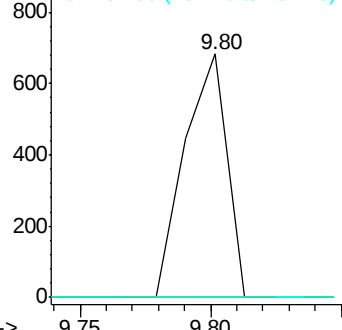
152 0.0 44.2 66.2#



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: 6.15 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Tgt Ion:165 Resp: 25821

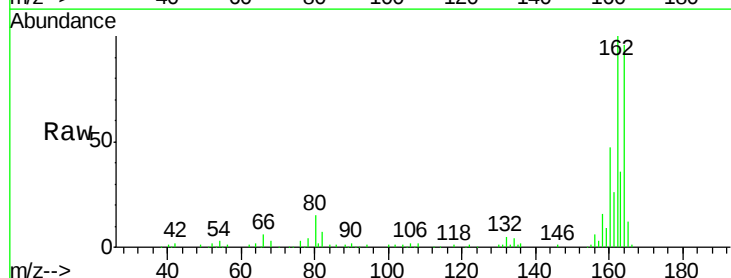
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 2.0 41.0 61.6#

182 0.0 2.1 3.1#

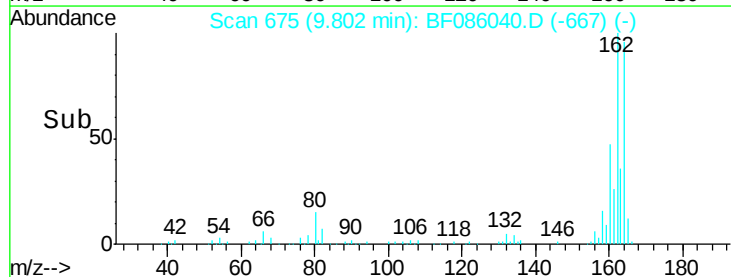
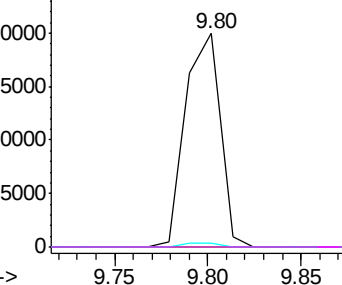


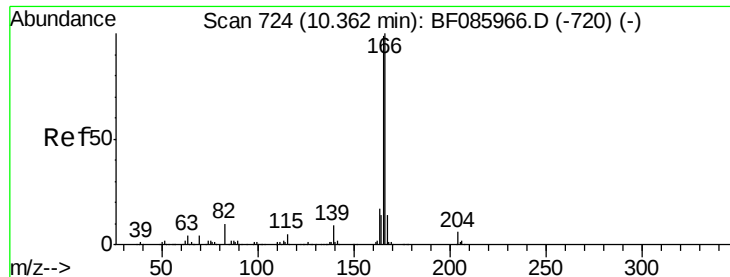
Abundance Ion 165.00 (164.70 to 165.70): E

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

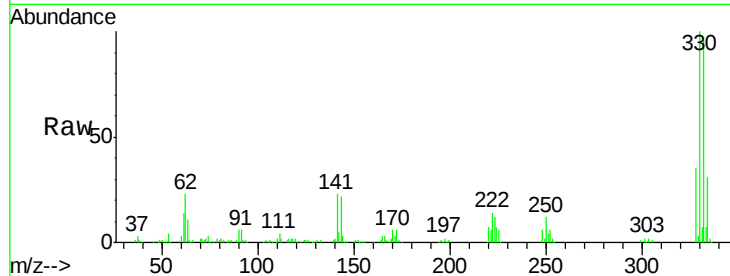




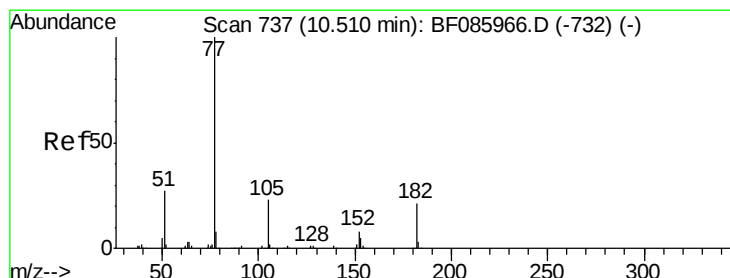
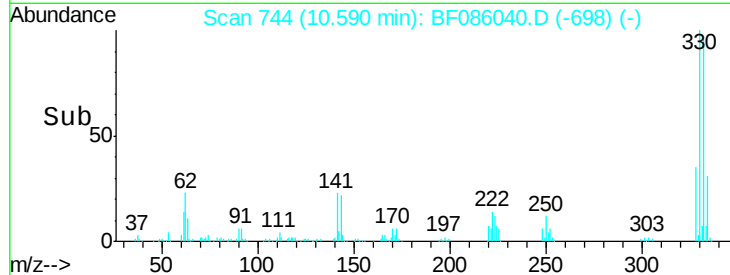
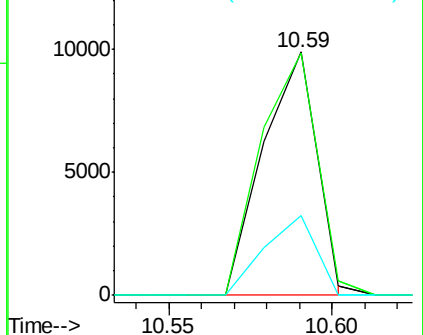
#57
Fluorene
 Concen: 0.80 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.23 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BL

Tgt Ion:166 Resp: 11345
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.4 119.0
 167 32.7 11.0 16.4#

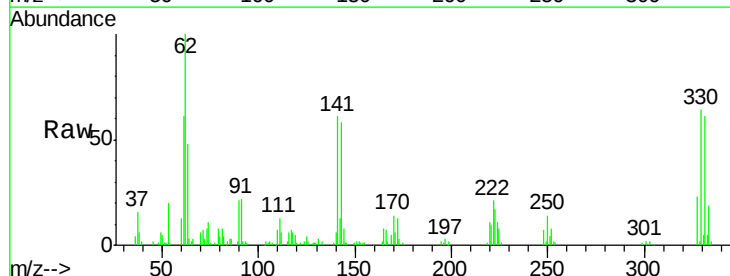


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

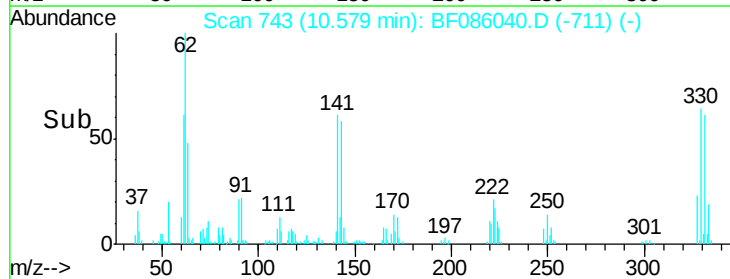
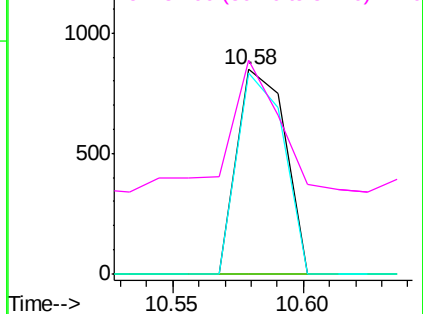


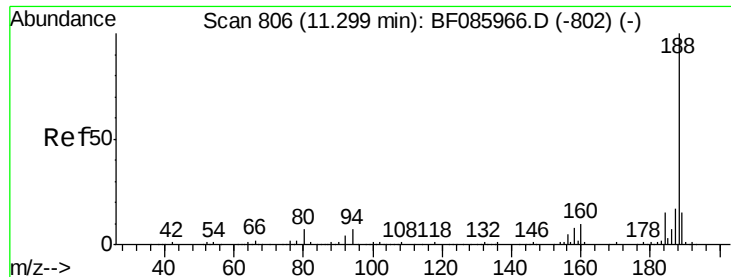
#62
Azobenzene
 Concen: 0.07 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.07 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

Tgt Ion: 77 Resp: 1095
 Ion Ratio Lower Upper
 77 100
 182 0.0 1.9 41.9#
 105 98.1 3.5 43.5#
 51 104.5 6.3 46.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0

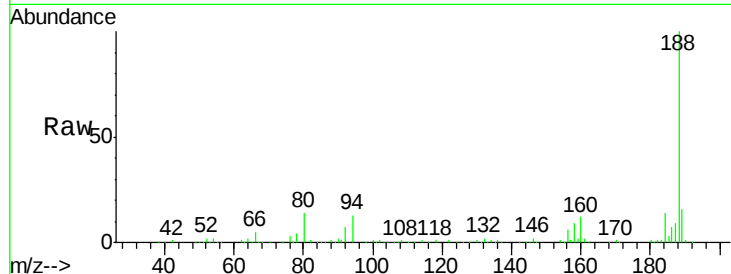




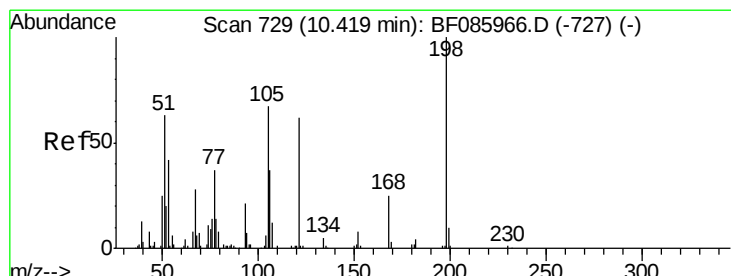
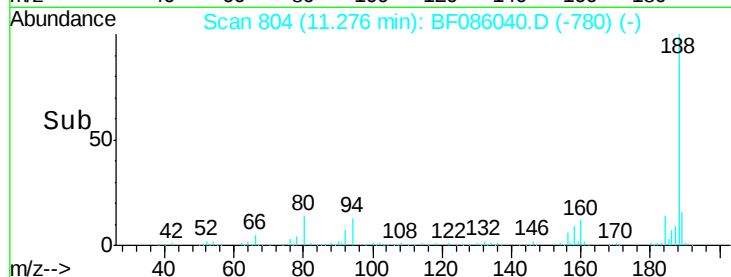
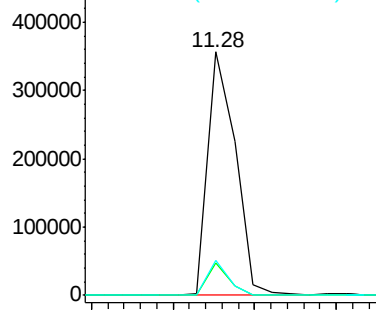
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:188 Resp: 417570
Ion Ratio Lower Upper
188 100
94 13.1 5.4 8.0#
80 14.4 5.5 8.3#

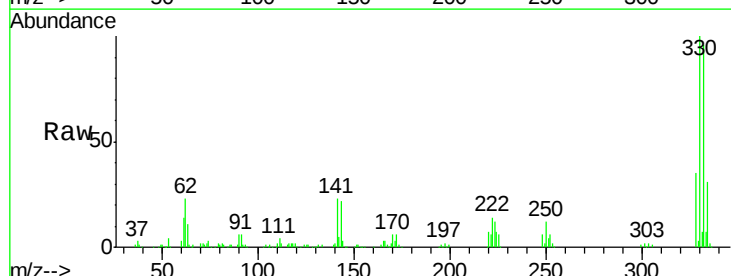


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

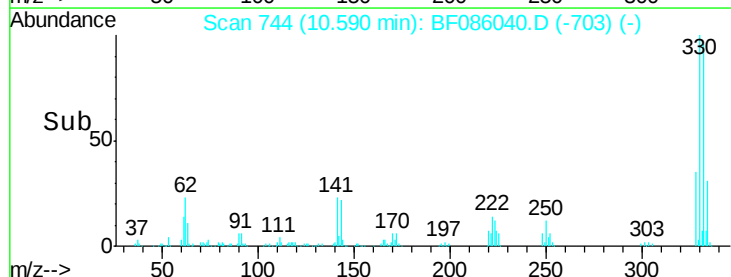
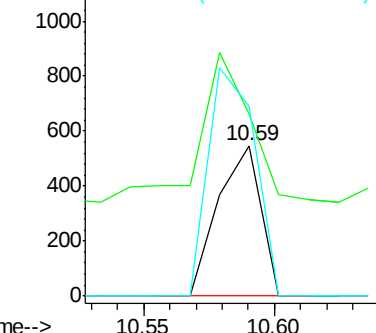


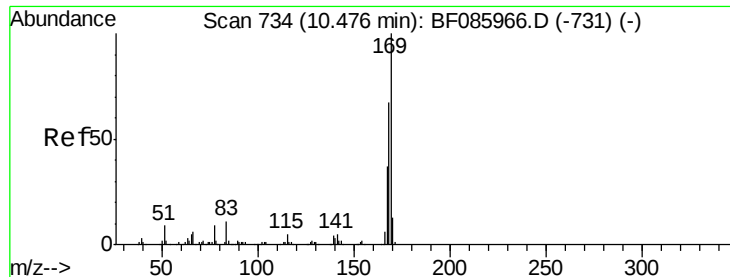
#64
4,6-Dinitro-2-methylphenol
Concen: 0.25 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.17 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:198 Resp: 628
Ion Ratio Lower Upper
198 100
51 120.6 45.4 85.4#
105 125.9 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

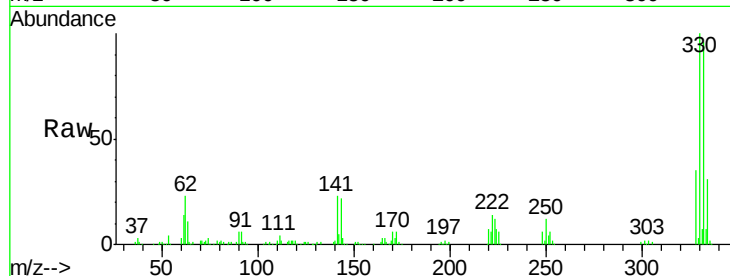




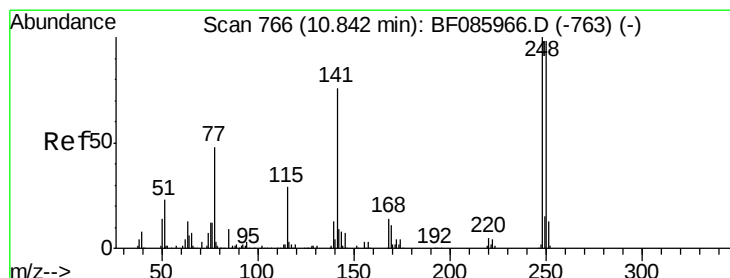
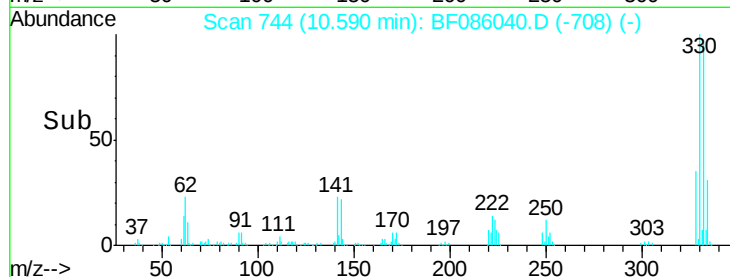
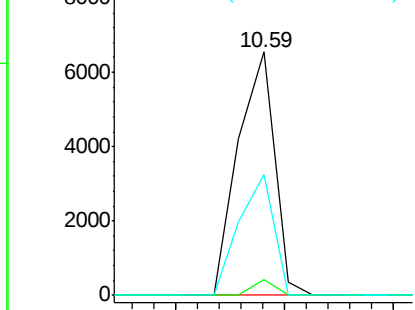
#65
n-Nitrosodiphenylamine
Concen: 0.58 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.11 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB89461BL

Tgt Ion:169 Resp: 7634
Ion Ratio Lower Upper
169 100
168 6.4 54.4 81.6#
167 49.4 29.4 44.0#

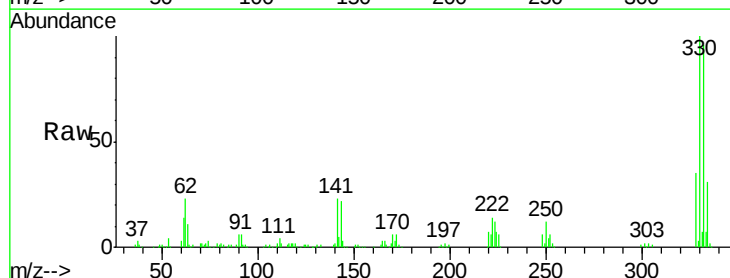


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

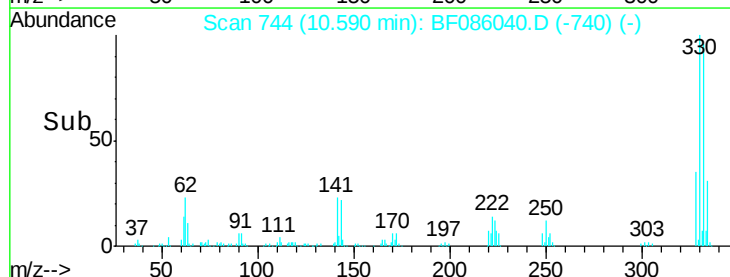
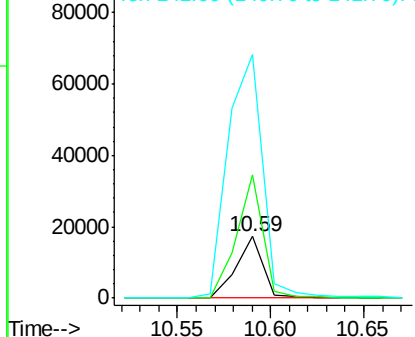


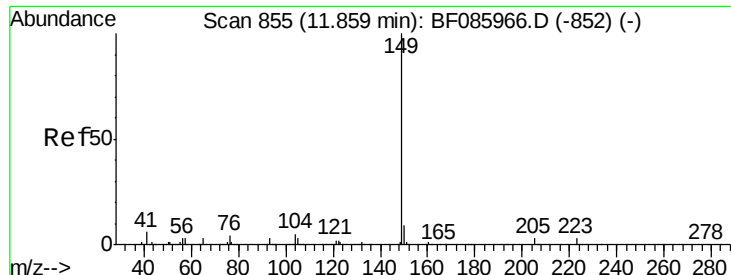
#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086040.D
Acq: 4 Apr 2016 16:10

Tgt Ion:248 Resp: 17186
Ion Ratio Lower Upper
248 100
250 200.6 77.4 116.0#
141 394.1 63.6 95.4#



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: 0.07 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

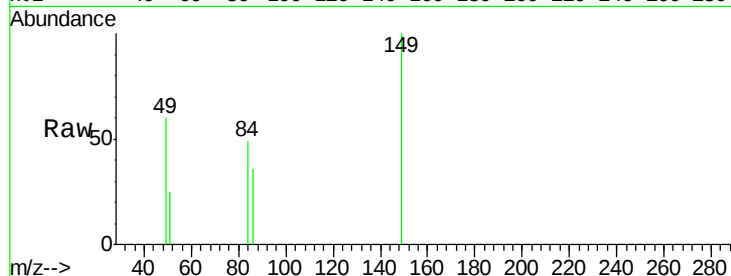
Tgt Ion:149 Resp: 1892

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

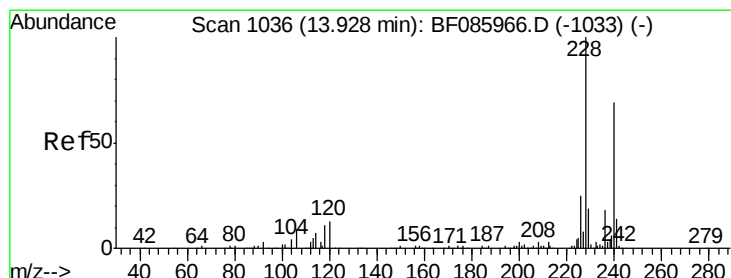
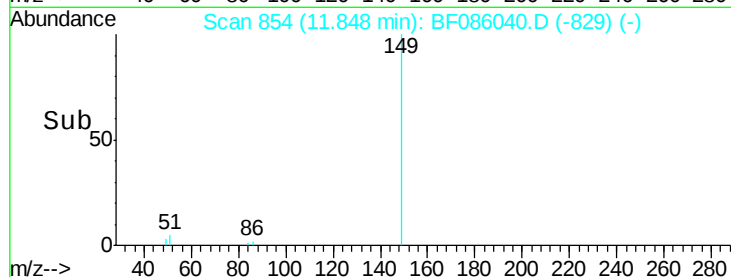
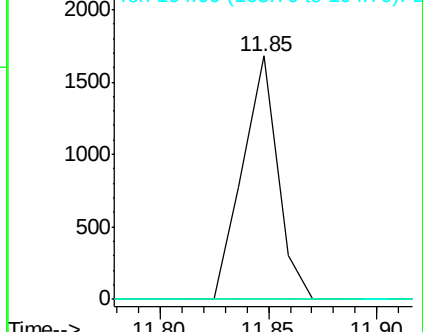
104 0.0 3.8 5.8#



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: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

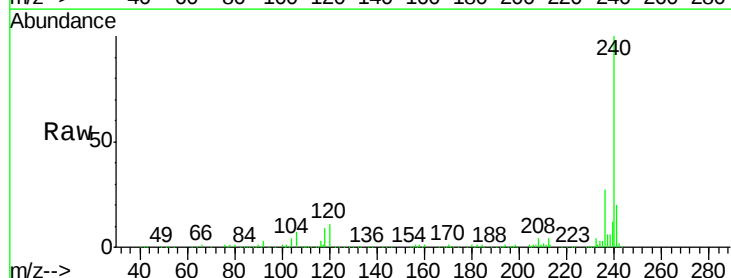
Tgt Ion:240 Resp: 392315

Ion Ratio Lower Upper

240 100

120 10.6 13.8 20.8#

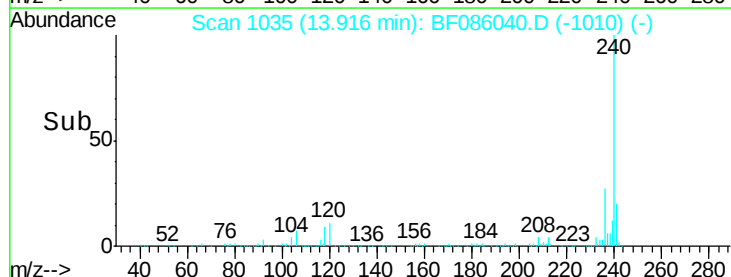
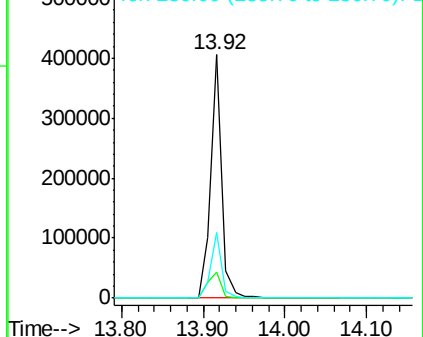
236 26.7 20.6 30.8

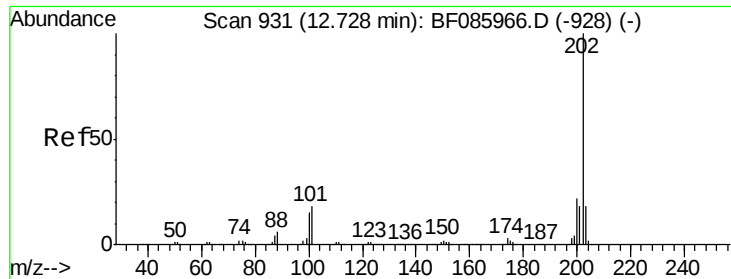


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.14 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.14 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

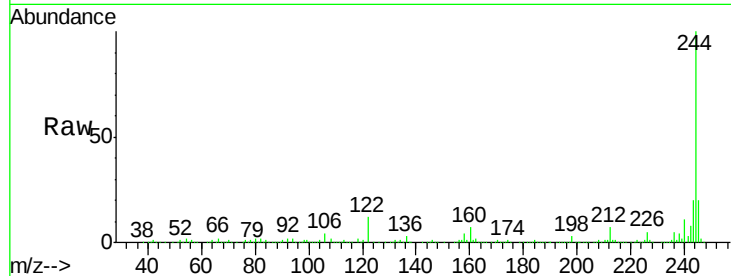
Tgt Ion:202 Resp: 3754

Ion Ratio Lower Upper

202 100

200 51.6 17.6 26.4#

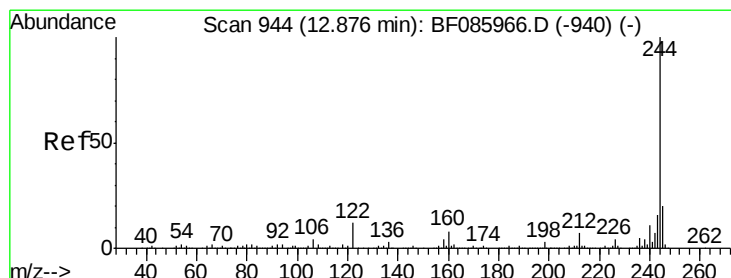
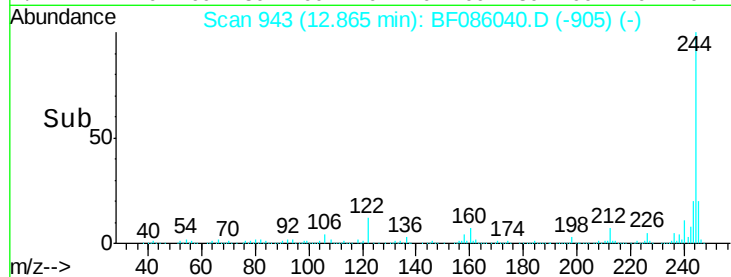
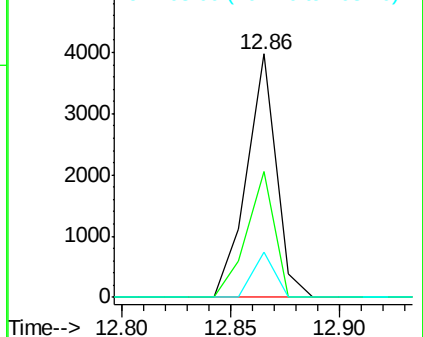
203 18.8 14.0 21.0



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: 62.88 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

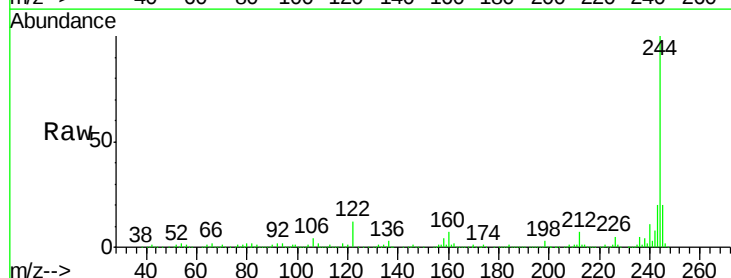
Tgt Ion:244 Resp: 1049483

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

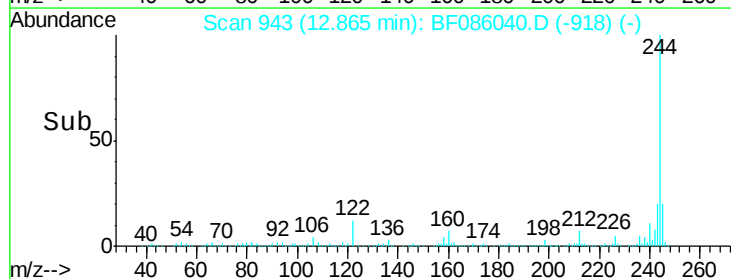
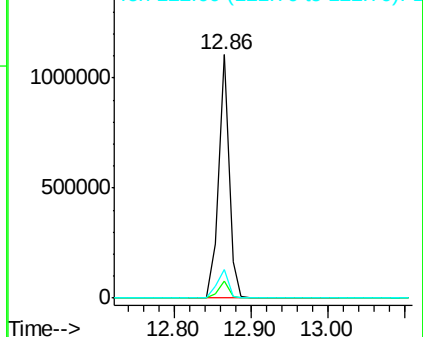
122 11.9 10.2 15.4

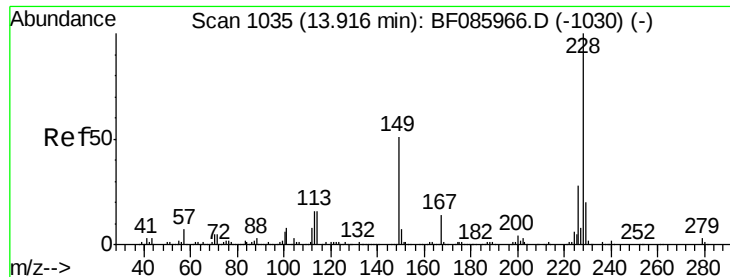


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL

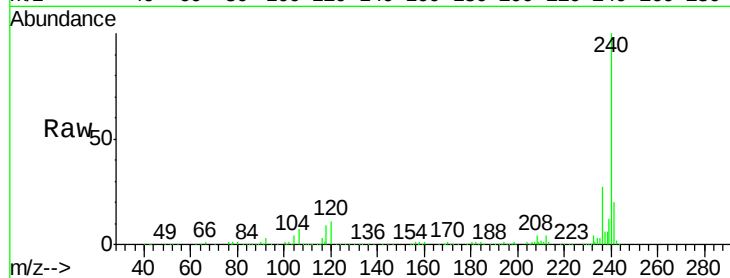
Tgt Ion:228 Resp: 1019

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

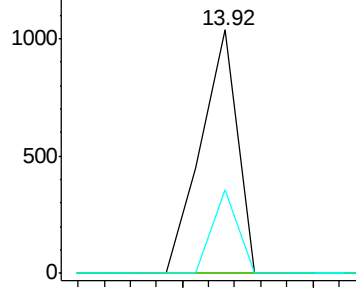
229 34.2 16.2 24.4#



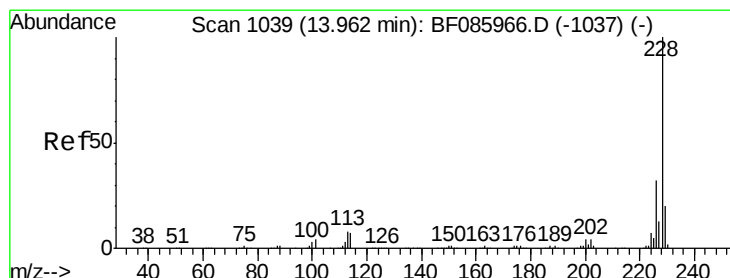
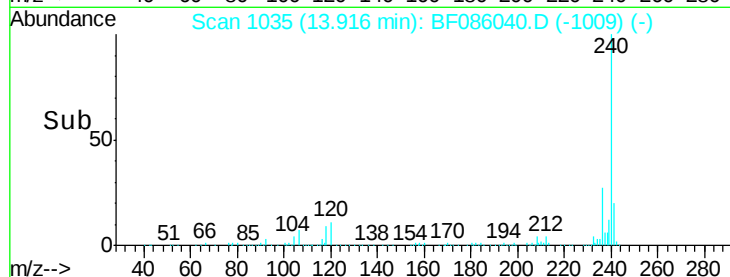
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.05 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086040.D

Acq: 4 Apr 2016 16:10

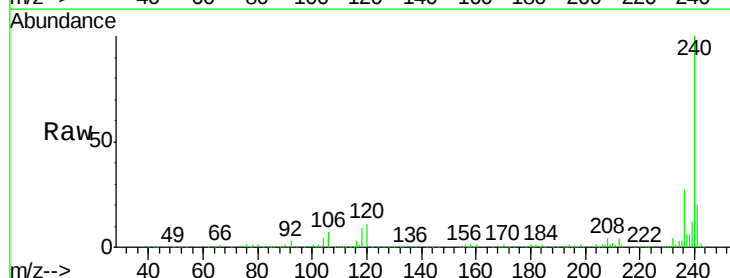
Tgt Ion:228 Resp: 1019

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

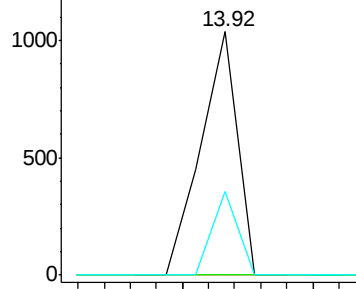
229 34.2 15.7 23.5#



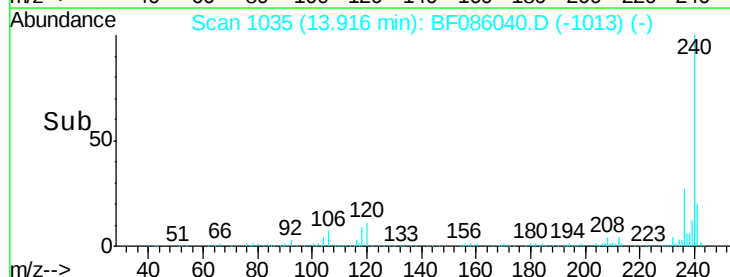
Abundance Ion 228.00 (227.70 to 228.70): E

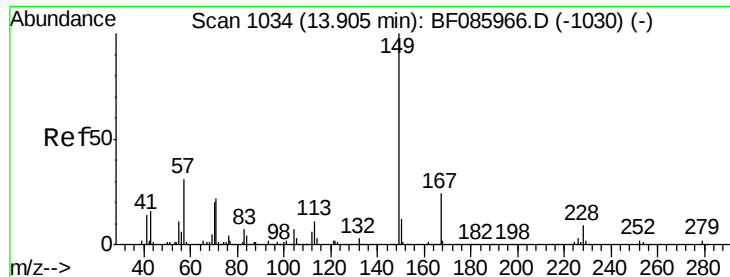
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

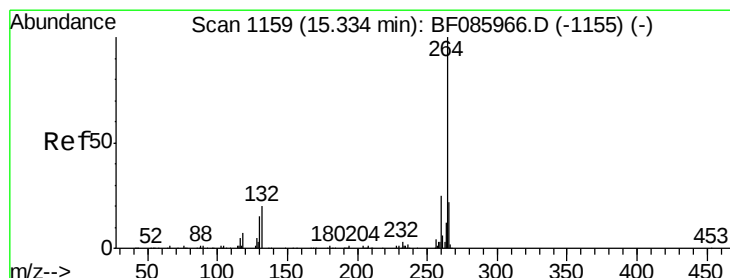
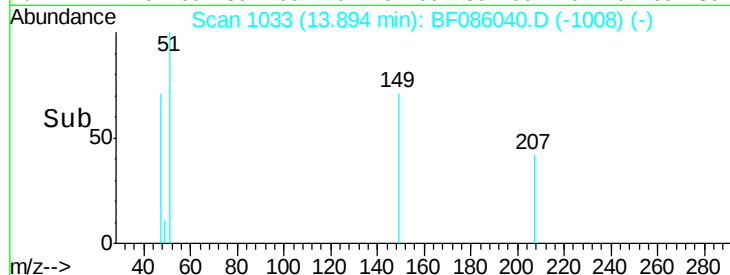
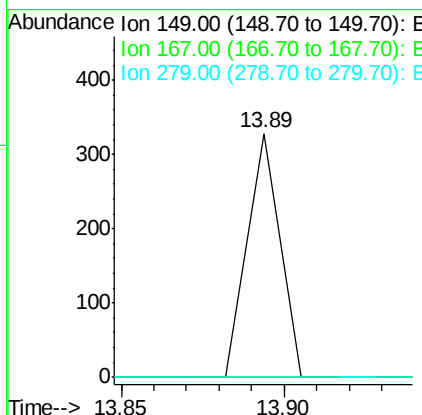
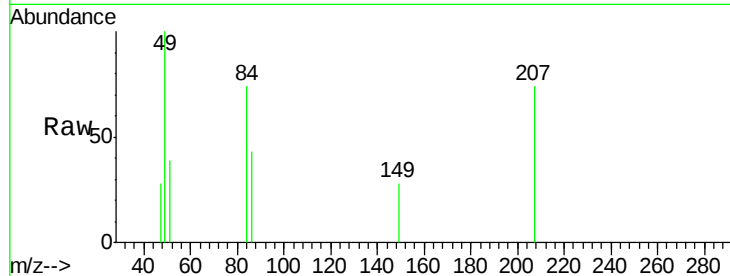




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

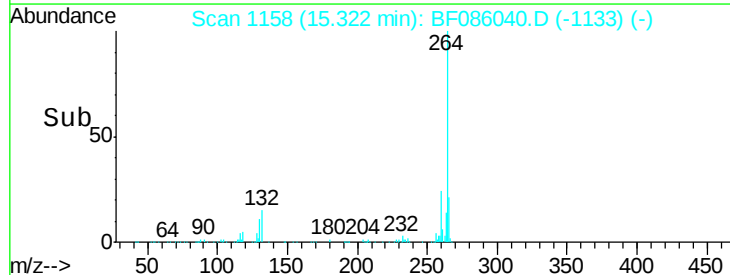
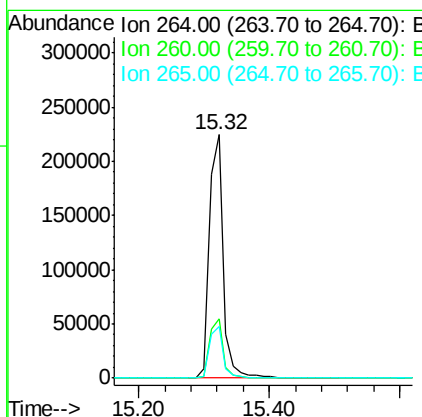
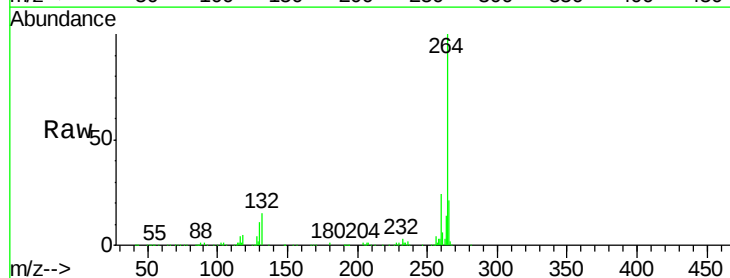
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BL

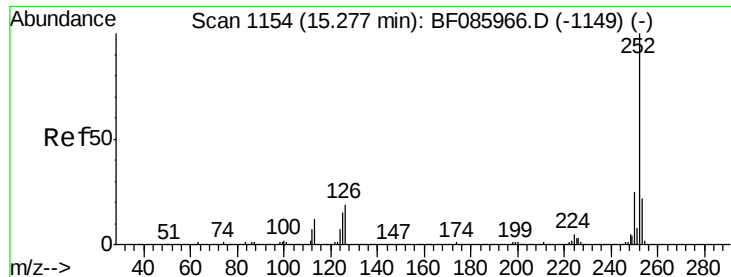
Tgt Ion: 149 Resp: 225
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.4 29.2#
 279 0.0 1.5 2.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086040.D
 Acq: 4 Apr 2016 16:10

Tgt Ion: 264 Resp: 336071
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.1 17.2 25.8





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.05 min

Lab File: BF086040.D

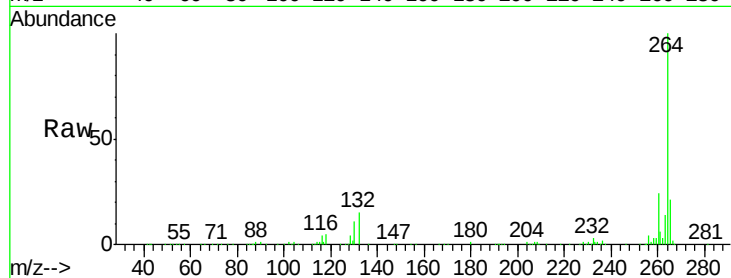
Acq: 4 Apr 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB89461BL



Tgt Ion:	252	Resp:	929
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	10.3	15.5#

