

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085989.D
 Acq On : 2 Apr 2016 4:30
 Operator : UM/SJ
 Sample : PB89385BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BL

Quant Time: Apr 02 04:56:57 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	6.77	152	105357	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426495	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	185873	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394326	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346965	20.00	ng	0.00
86) Perylene-d12	15.33	264	172681	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	487402	79.08	ng	0.00
7) Phenol-d6	6.41	99	591925	75.61	ng	-0.01
23) Nitrobenzene-d5	7.33	82	533783	73.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	145953	83.66	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	951449	85.11	ng	-0.01
78) Terphenyl-d14	12.88	244	1055961	71.54	ng	0.00

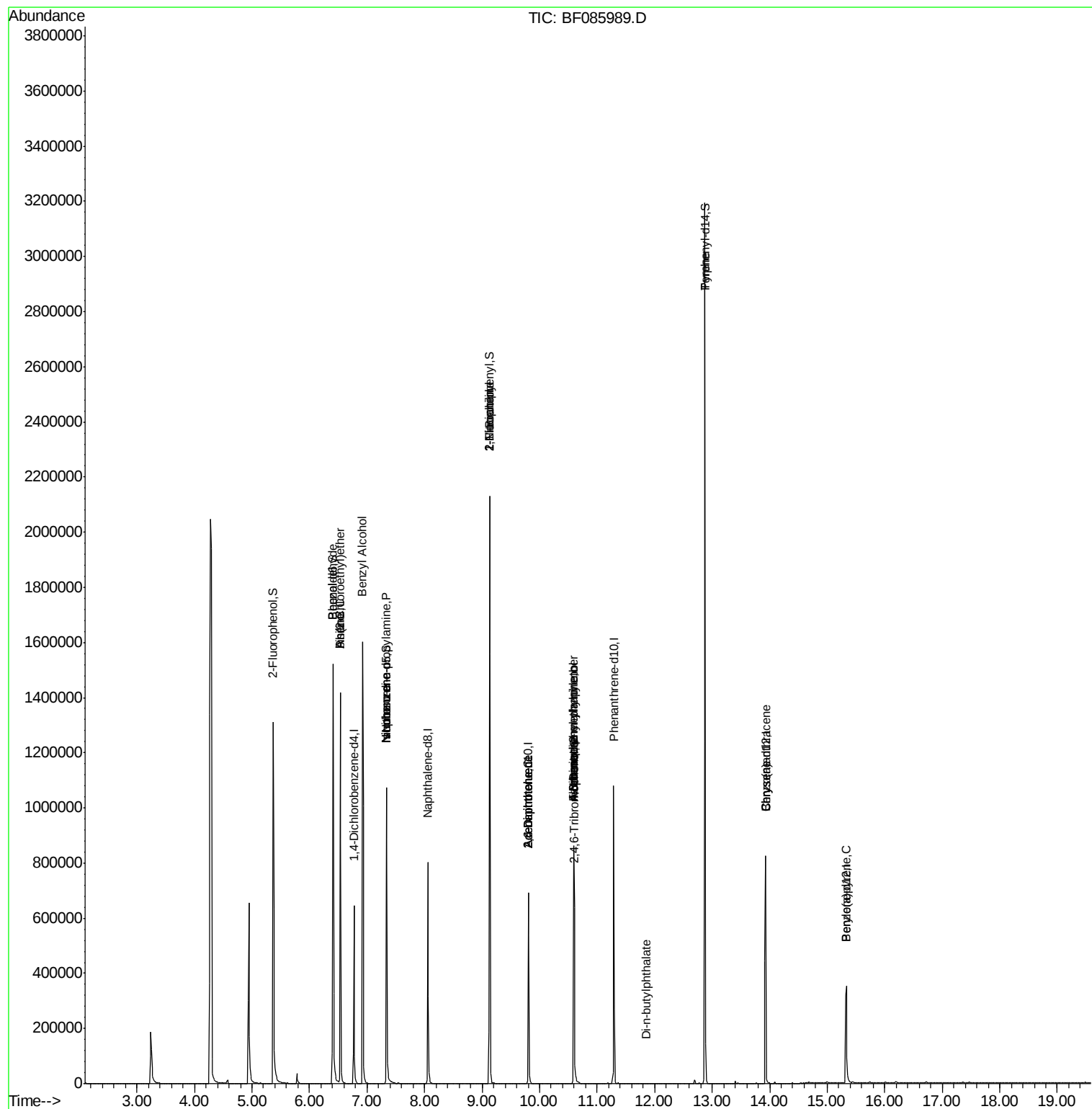
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.53	93	677	0.07	ng	# 1
9) Benzaldehyde	6.41	77	534	0.13	ng	# 1
10) Phenol	6.53	94	1024	0.11	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	677	0.10	ng	# 1
15) Benzyl Alcohol	6.92	79	8214	1.62	ng	# 47
19) n-Nitroso-di-n-propylamine	7.33	70	66673	13.74	ng	# 81
24) Nitrobenzene	7.33	77	1247	0.16	ng	# 34
25) Isophorone	7.33	82	531141	37.20	ng	# 68
45) 1,1'-Biphenyl	9.13	154	1863	0.12	ng	# 1
47) 2-Nitroaniline	9.13	65	1264	0.37	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	23615	8.10	ng	# 18
51) Acenaphthene	9.80	154	665	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.80	165	23616	6.41	ng	# 36
57) Fluorene	10.59	166	6217	0.50	ng	# 93
62) Azobenzene	10.59	77	560	0.04	ng	# 4
64) 4,6-Dinitro-2-methylphenol	10.59	198	222	0.09	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	4557	0.37	ng	# 40
66) 4-Bromophenyl-phenylether	10.59	248	9049	2.25	ng	# 1
73) Di-n-butylphthalate	11.86	149	540	0.02	ng	# 78
77) Pvrene	12.88	202	3618	0.15	ng	# 67
80) Benzo(a)anthracene	13.93	228	948	0.05	ng	# 48
82) Chrysene	13.93	228	948	0.05	ng	# 44
89) Benzo(a)pyrene	15.33	252	580	0.06	ng	# 6

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

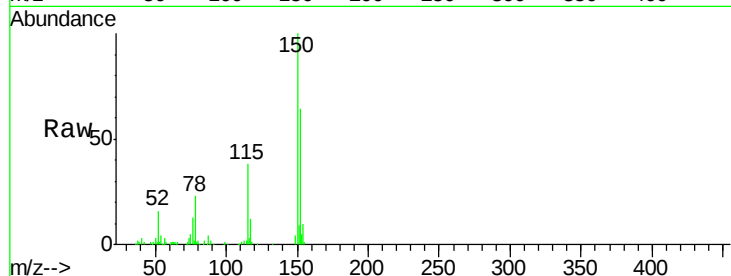
Tot Ion:152 Resp: 105357

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

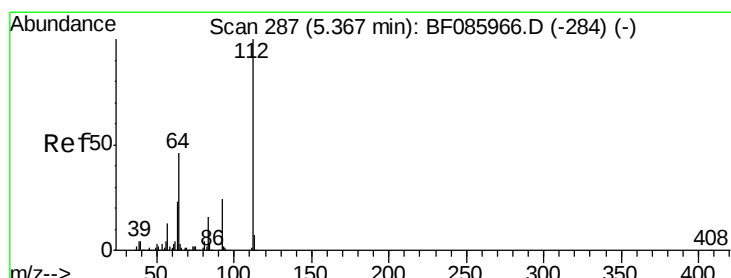
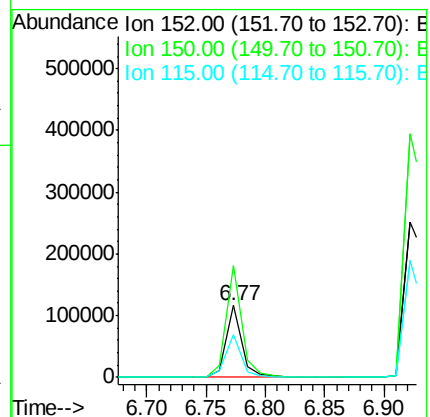
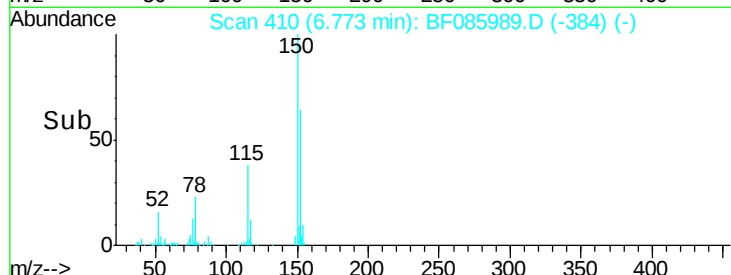
115 59.5 47.0 70.6



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: 79.08 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

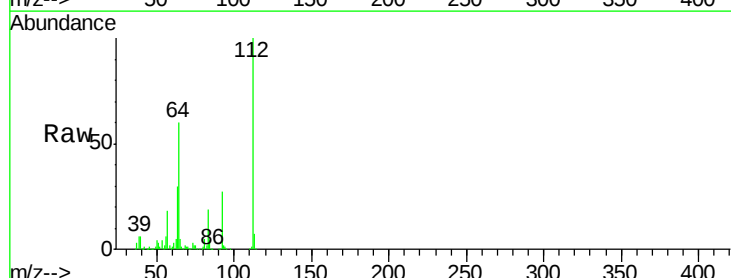
Tgt Ion:112 Resp: 487402

Ion Ratio Lower Upper

112 100

64 59.7 39.9 59.9

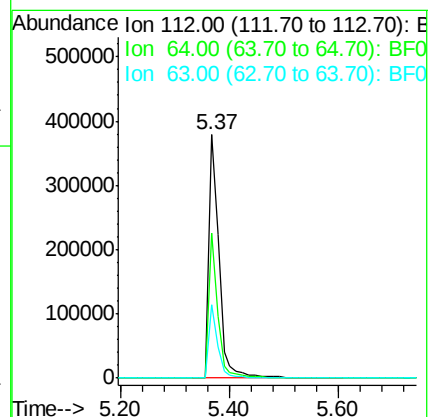
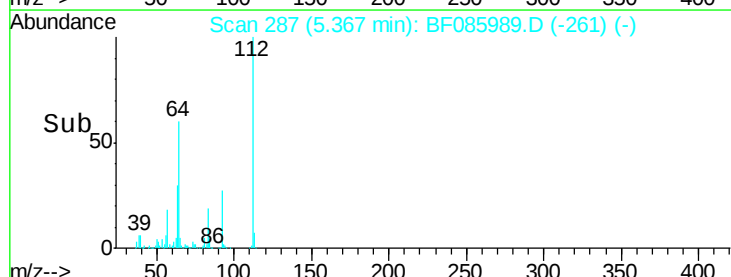
63 30.1 20.2 30.2

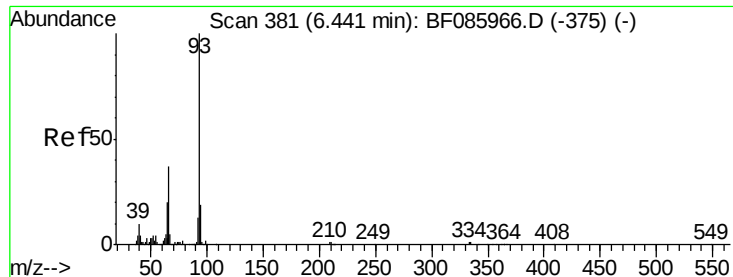


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.09 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

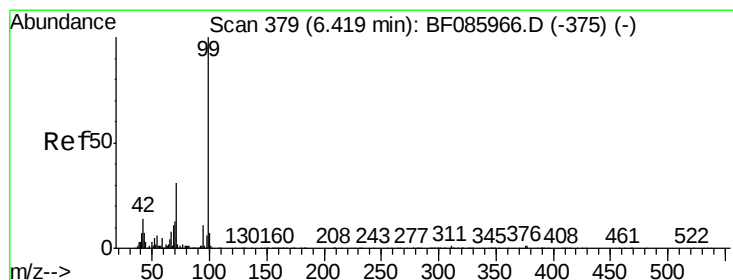
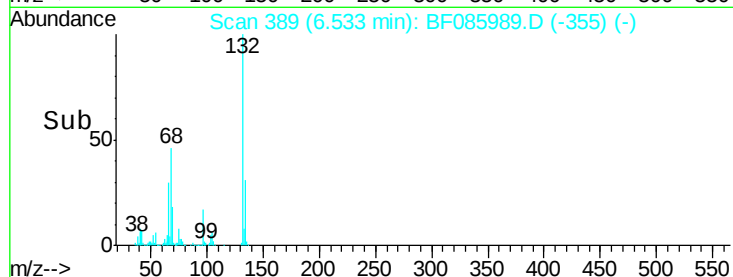
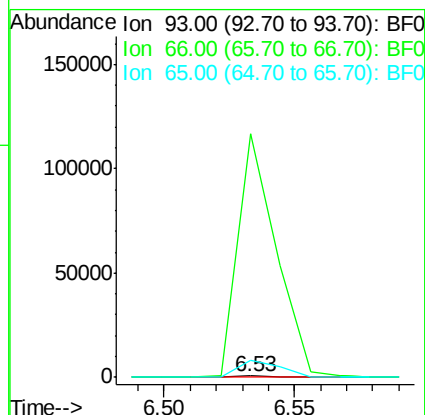
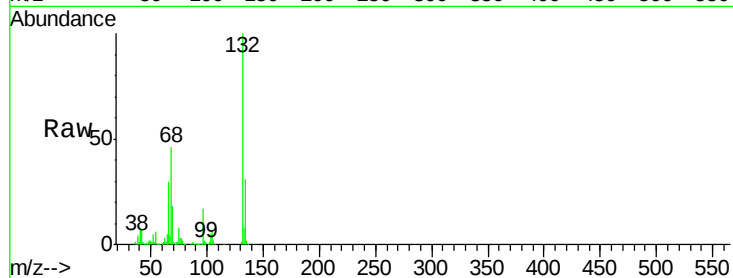
Tot Ion: 93 Resp: 677

Ion Ratio Lower Upper

93 100

66 20478.6 31.4 47.2#

65 1485.6 15.7 23.5#



#7

Phenol-d6

Concen: 75.61 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

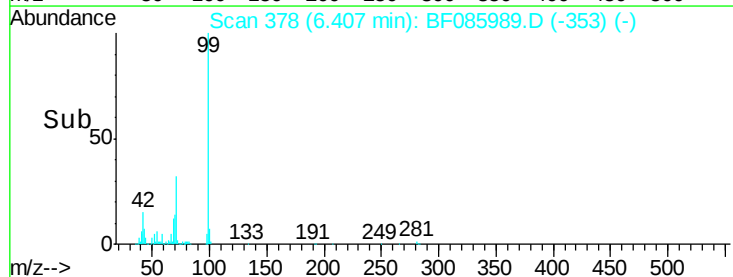
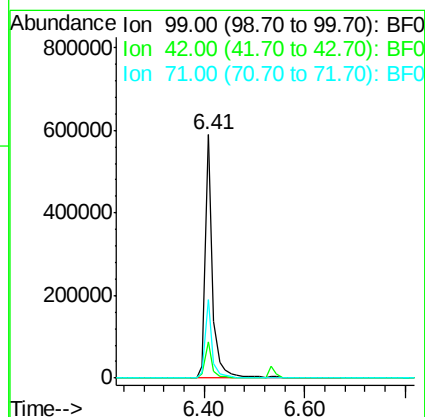
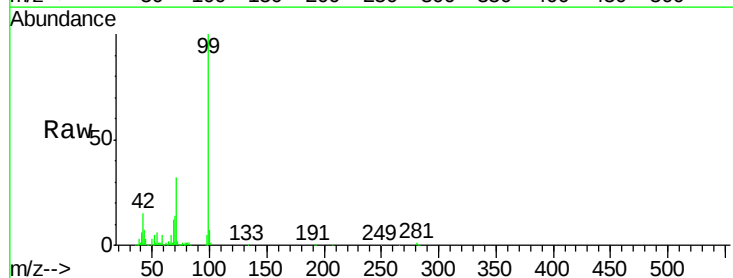
Tgt Ion: 99 Resp: 591925

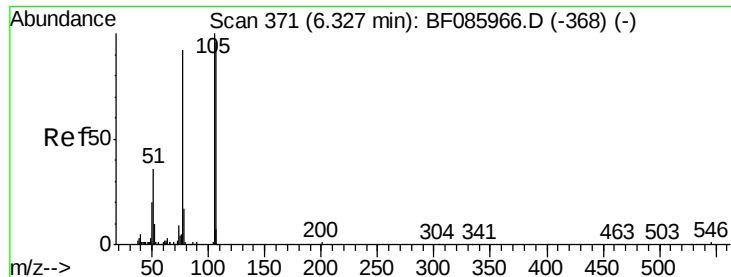
Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 32.3 24.9 37.3





#9

Benzaldehyde

Concen: 0.13 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.08 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

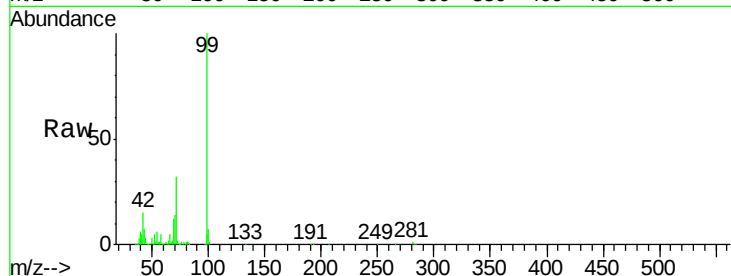
Tot Ion: 77 Resp: 534

Ion Ratio Lower Upper

77 100

105 0.0 80.1 120.1#

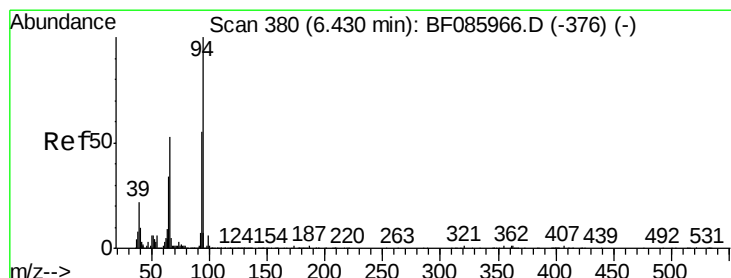
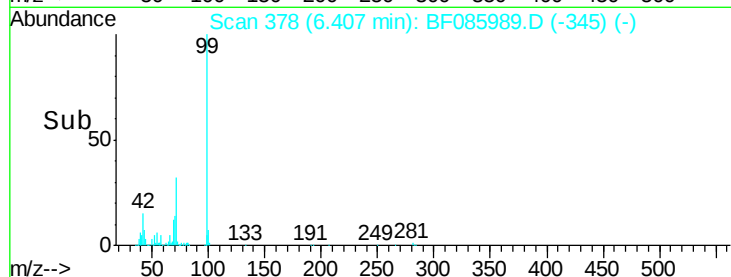
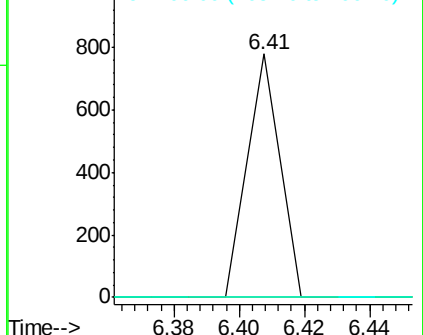
106 0.0 75.0 115.0#



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: 0.11 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.10 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

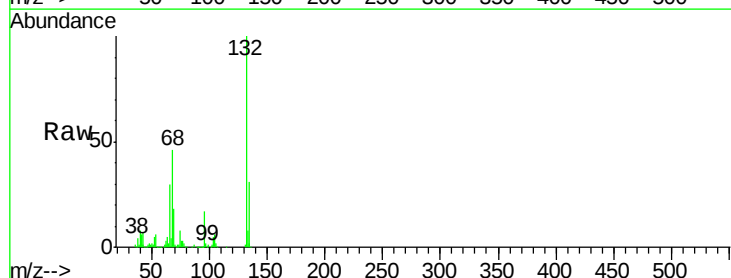
Tgt Ion: 94 Resp: 1024

Ion Ratio Lower Upper

94 100

65 939.8 8.6 48.6#

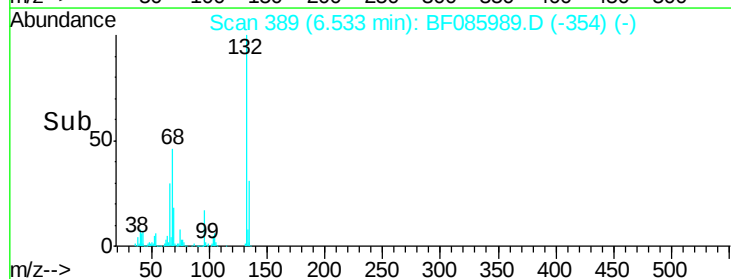
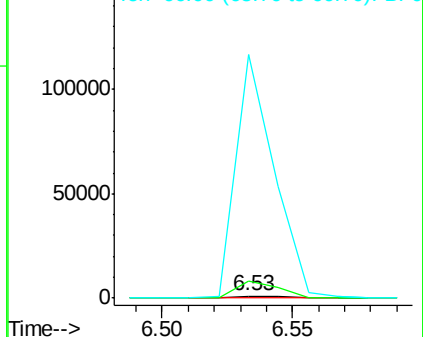
66 12955.4 20.0 60.0#

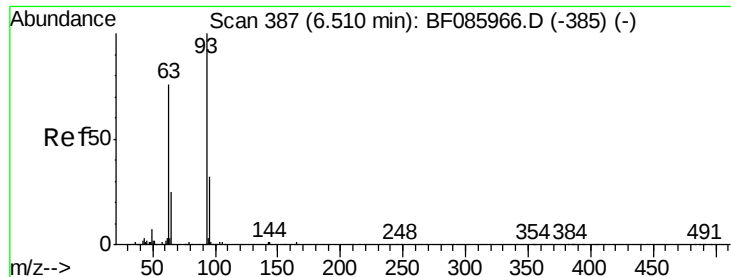


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

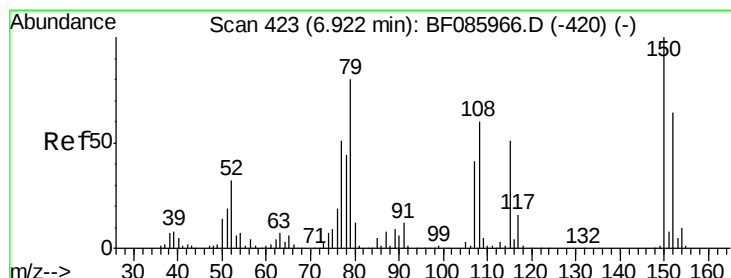
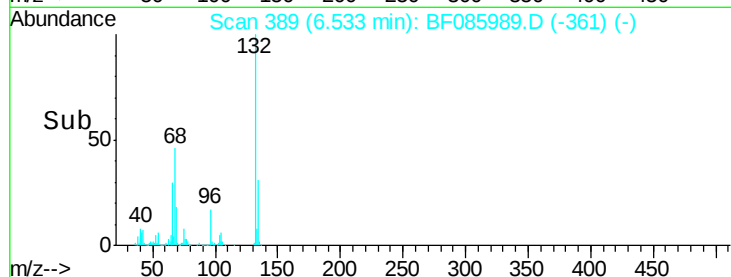
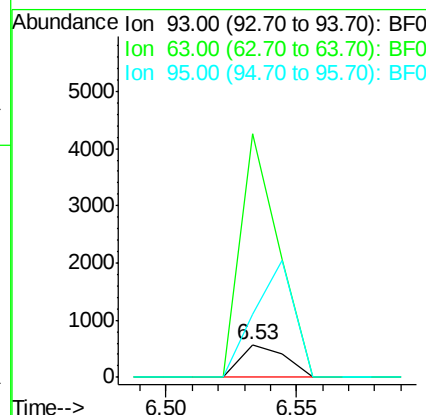
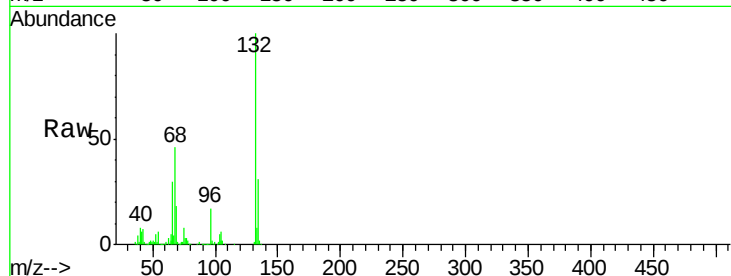




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

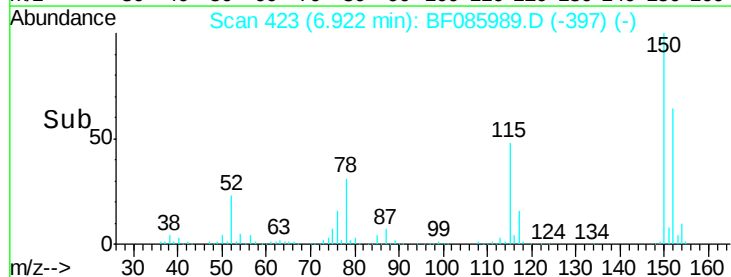
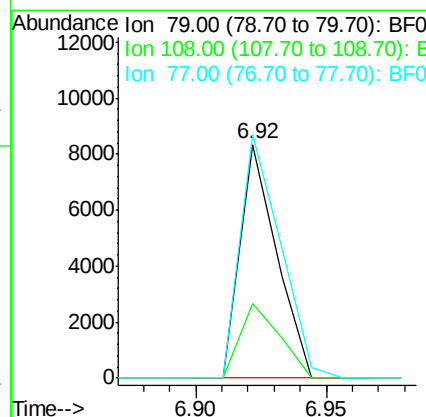
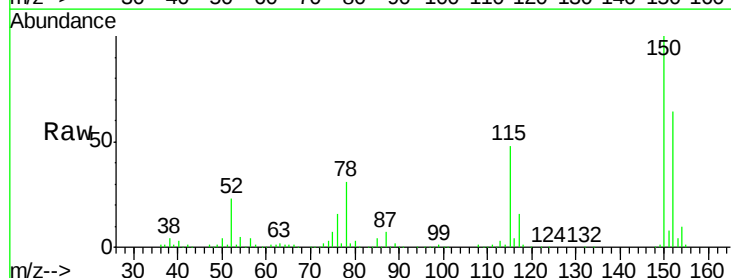
Instrument :
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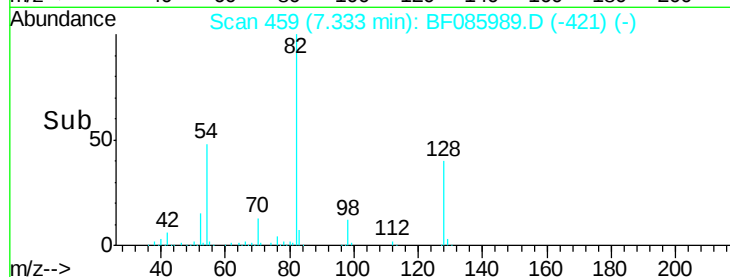
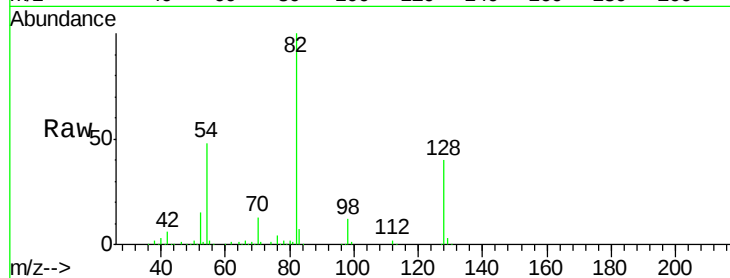
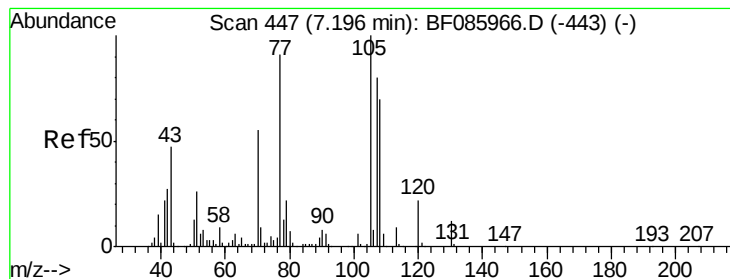
Tot Ion: 93 Resp: 677
Ion Ratio Lower Upper
93 100
63 747.0 50.9 90.9#
95 195.3 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.62 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

Tgt Ion: 79 Resp: 8214
Ion Ratio Lower Upper
79 100
108 32.2 61.8 92.6#
77 104.3 49.6 74.4#





#19

n-Nitroso-di-n-propylamine

Concen: 13.74 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleID :

PB89385BL

Tot Ion: 70 Resp: 66673

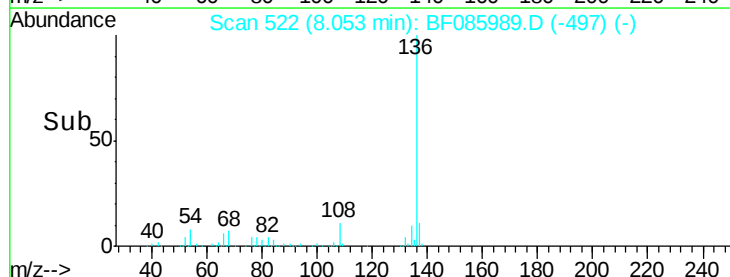
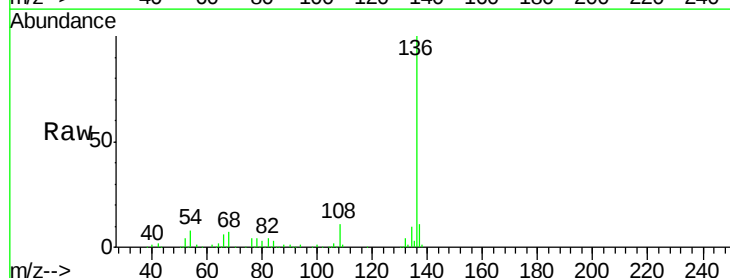
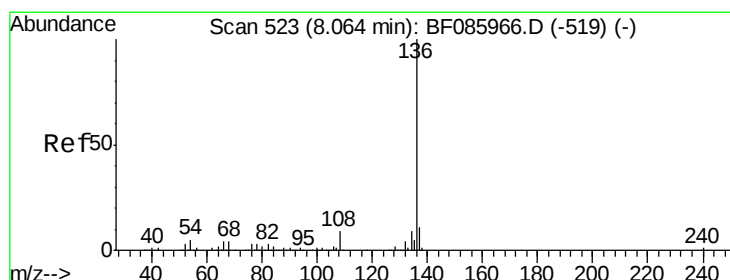
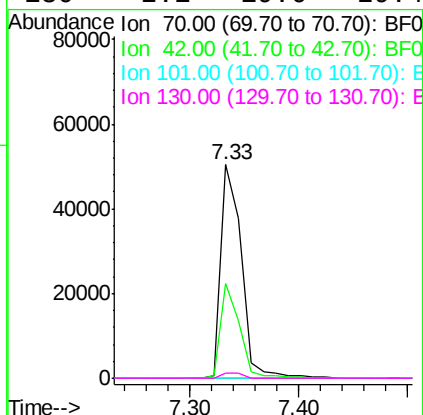
Ion Ratio Lower Upper

70 100

42 44.6 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Tgt Ion: 136 Resp: 426495

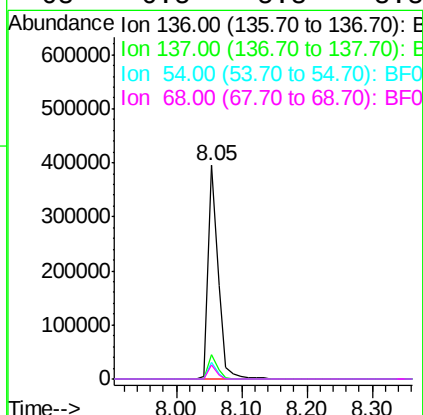
Ion Ratio Lower Upper

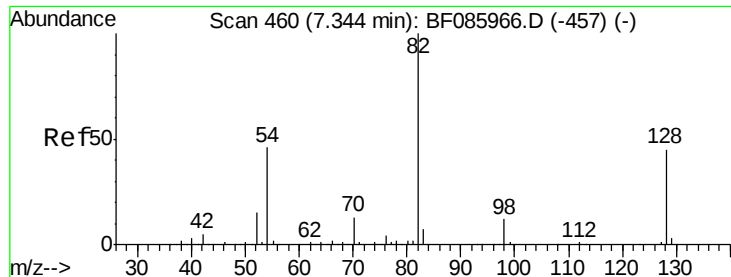
136 100

137 11.3 9.1 13.7

54 7.8 7.4 11.0

68 6.5 5.8 8.8

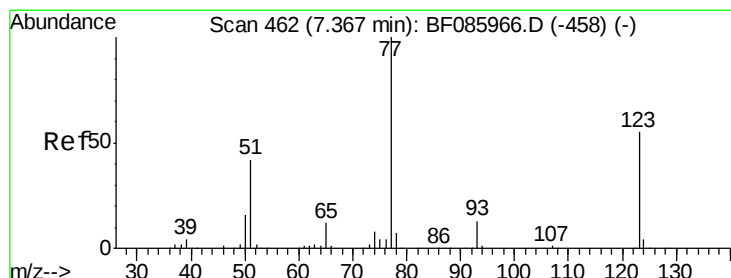
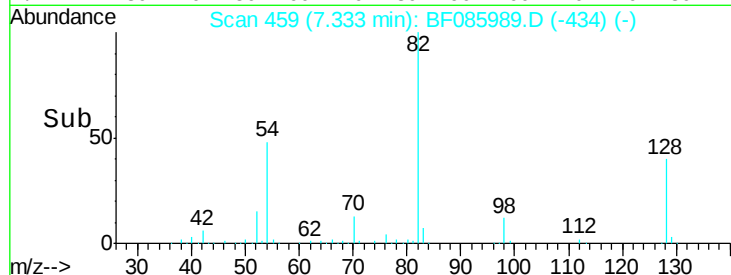
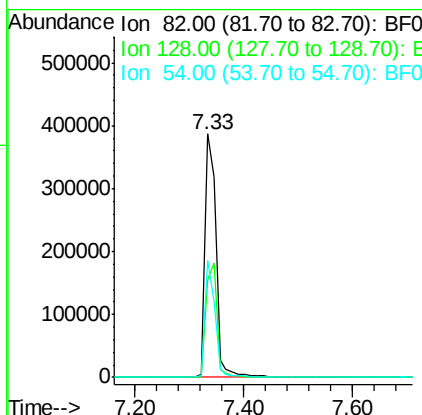
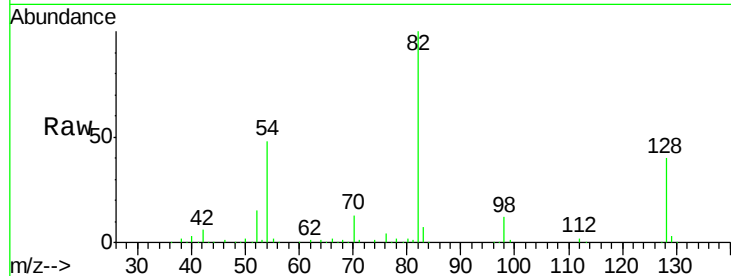




#23
 Nitrobenzene-d5
 Concen: 73.81 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

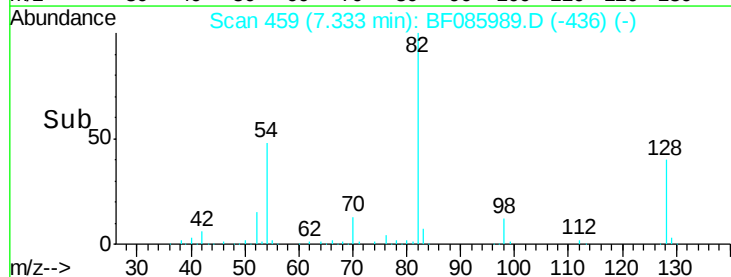
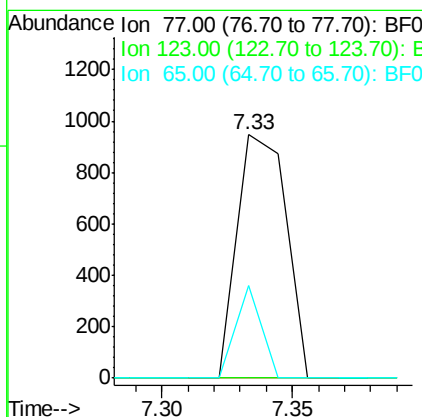
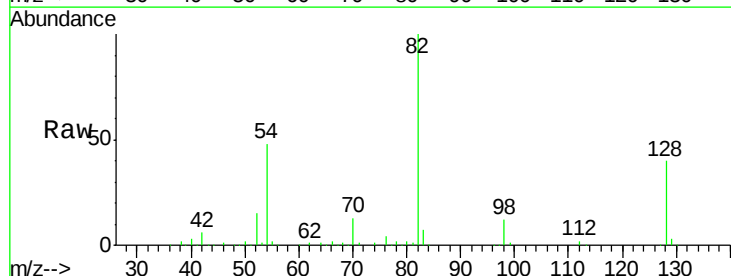
Instrument :
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 PB89385BL

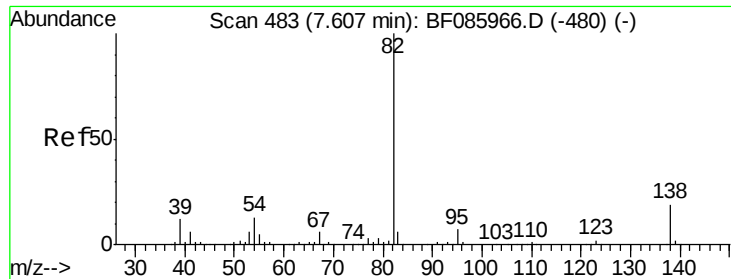
Tot Ion: 82 Resp: 533783
 Ion Ratio Lower Upper
 82 100
 128 39.9 41.8 62.8#
 54 47.8 33.4 50.0



#24
 Nitrobenzene
 Concen: 0.16 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Tgt Ion: 77 Resp: 1247
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.4#
 65 37.9 10.6 16.0#





#25

Isophorone

Concen: 37.20 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

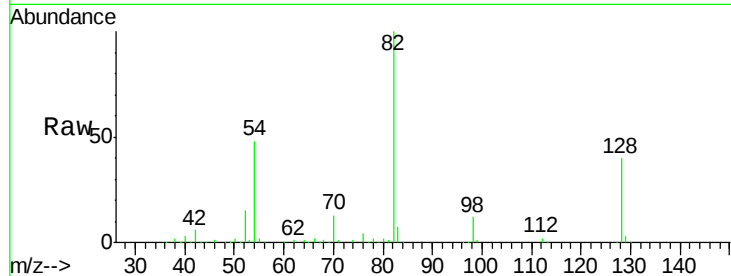
Tot Ion: 82 Resp: 531141

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

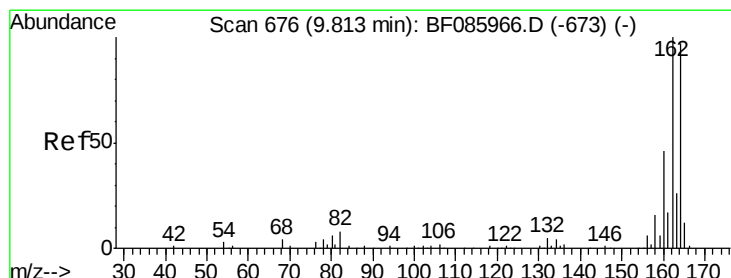
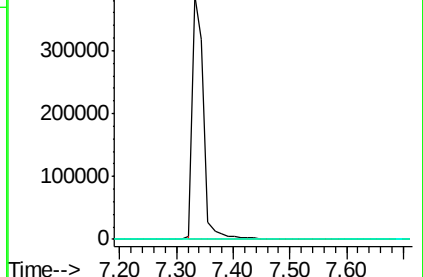
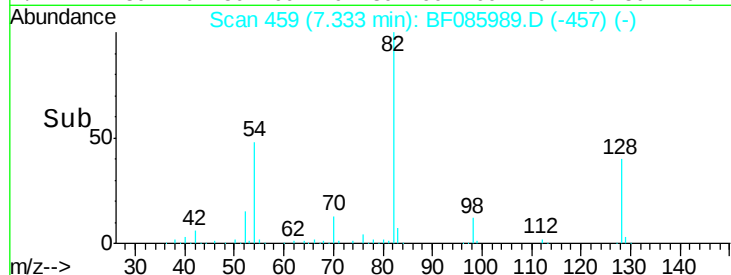
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF085989.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF085989.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF085989.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

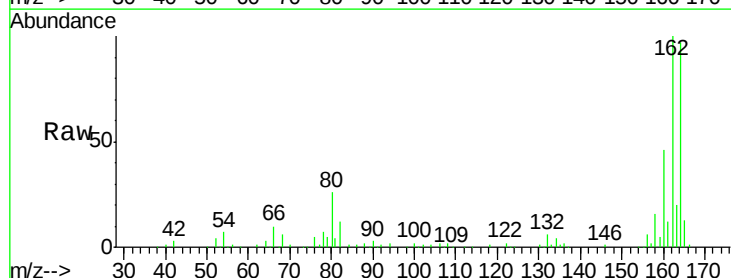
Tgt Ion: 164 Resp: 185873

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

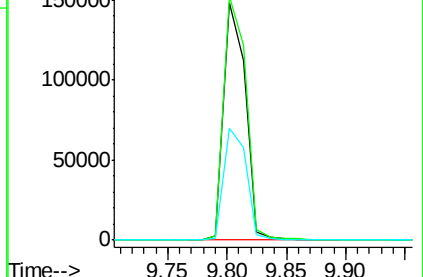
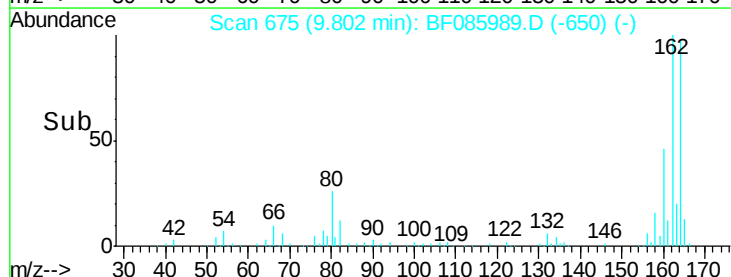
160 47.0 37.4 56.2

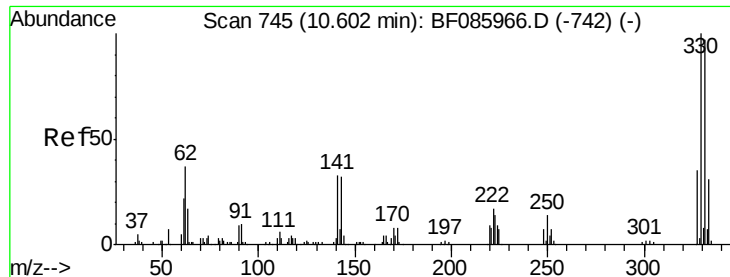


Abundance Ion 164.00 (163.70 to 164.70): BF085989.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF085989.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF085989.D (-650) (-)

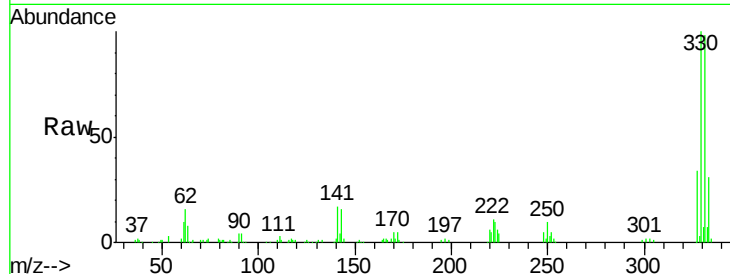




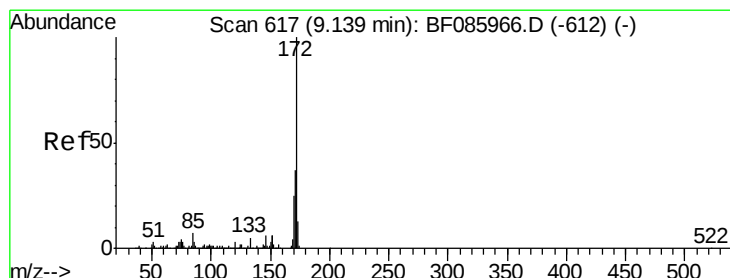
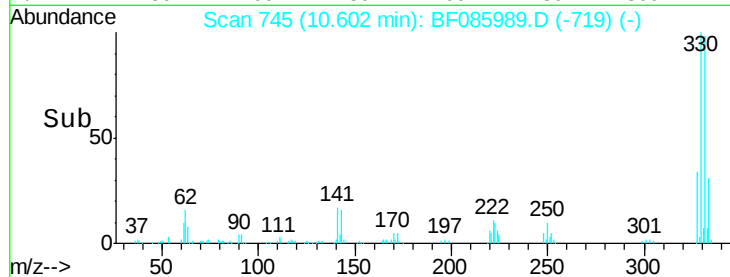
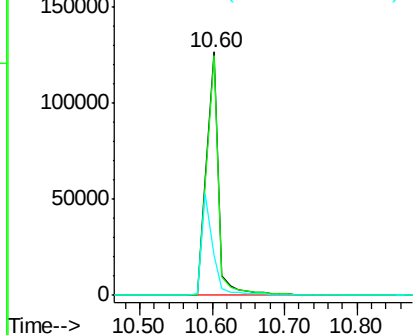
#41
 2,4,6-Tribromophenol
 Concen: 83.66 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BL

Tot Ion:330 Resp: 145953
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 39.1 31.5 47.3

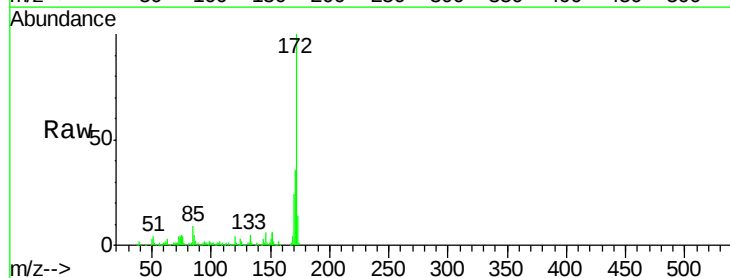


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

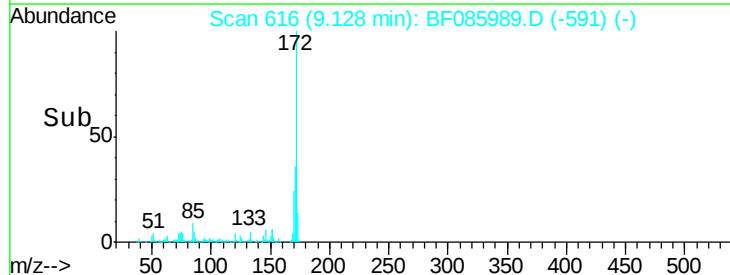
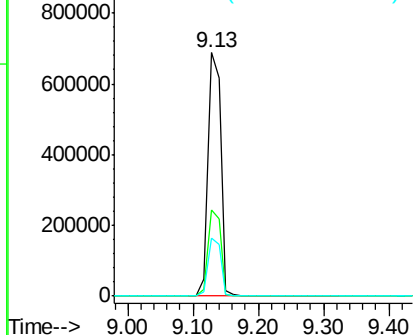


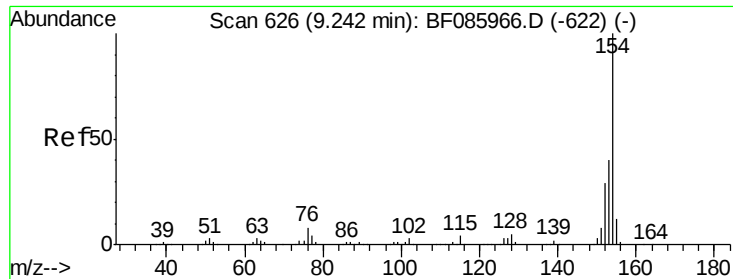
#44
 2-Fluorobiphenyl
 Concen: 85.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Tgt Ion:172 Resp: 951449
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.1 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: 0.12 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.11 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

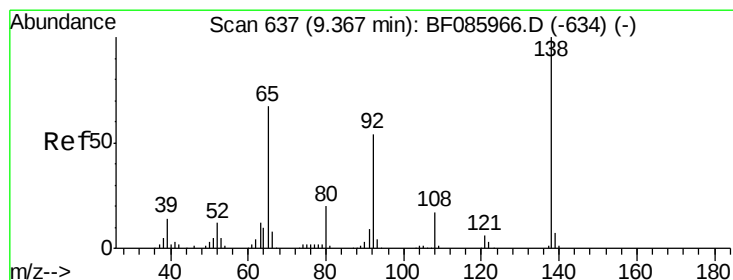
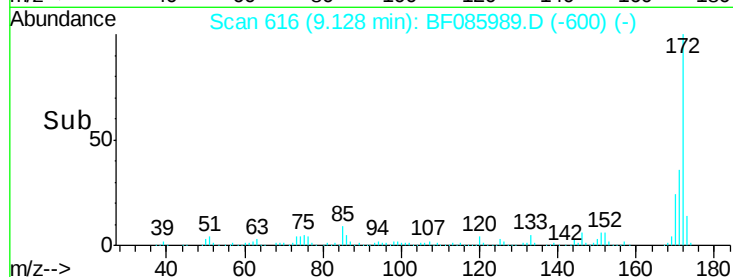
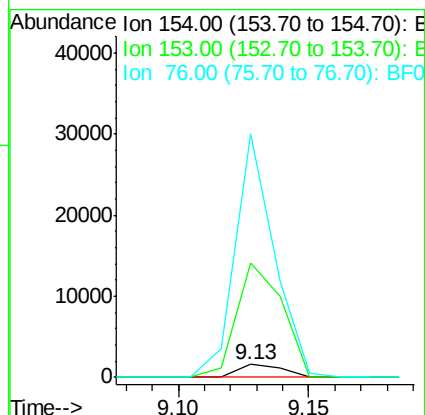
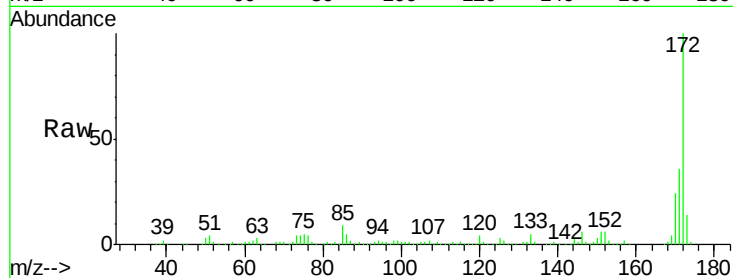
Tot Ion:154 Resp: 1863

Ion Ratio Lower Upper

154 100

153 904.9 20.8 60.8#

76 1921.2 0.0 36.7#



#47

2-Nitroaniline

Concen: 0.37 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.24 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

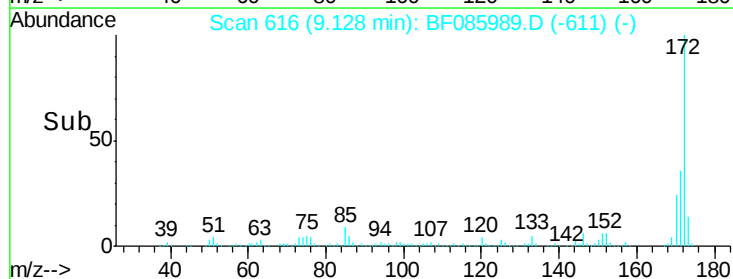
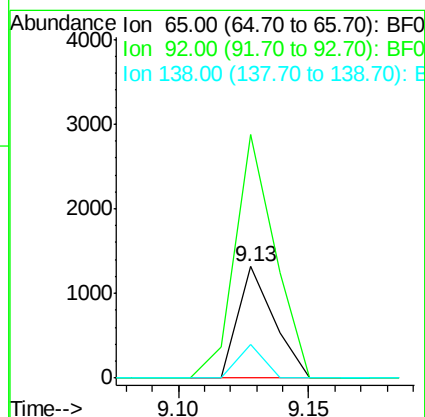
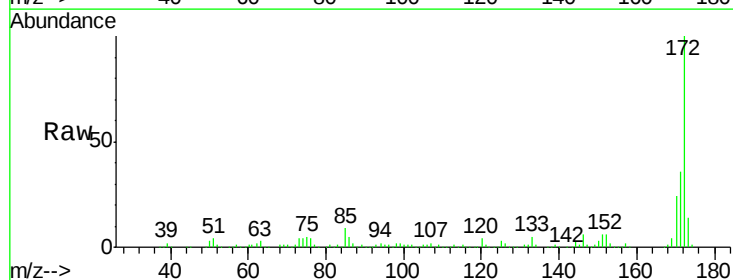
Tgt Ion: 65 Resp: 1264

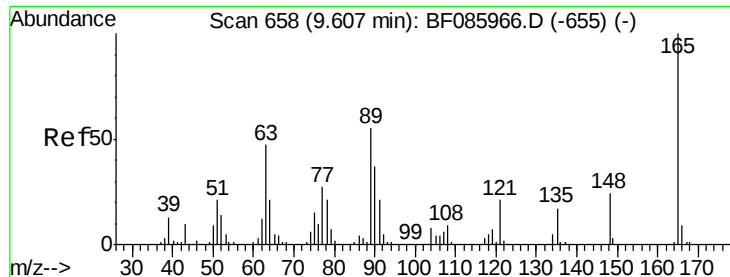
Ion Ratio Lower Upper

65 100

92 218.6 59.7 89.5#

138 30.3 91.4 137.0#

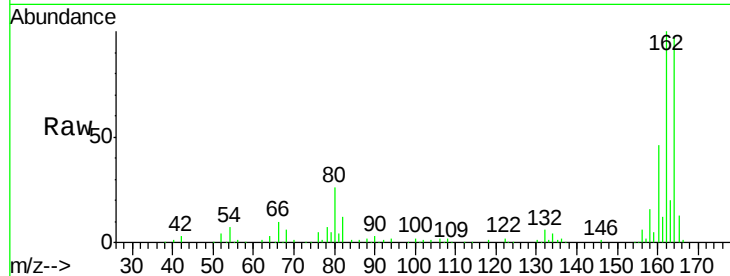




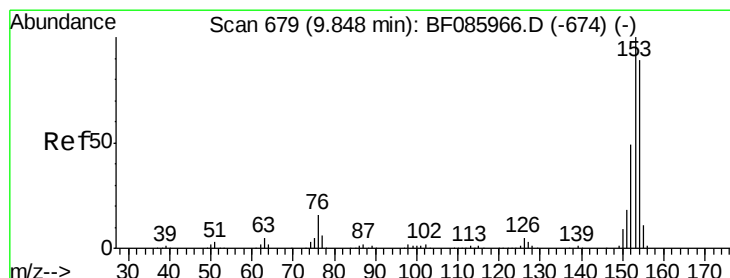
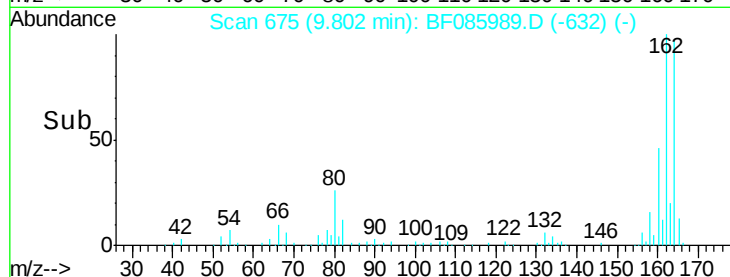
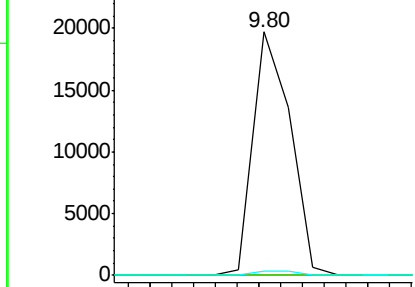
#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.5	53.7	80.5#

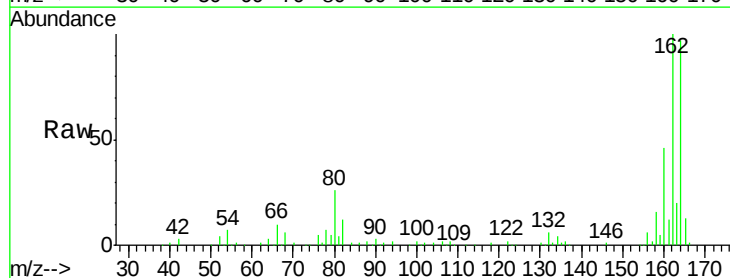


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

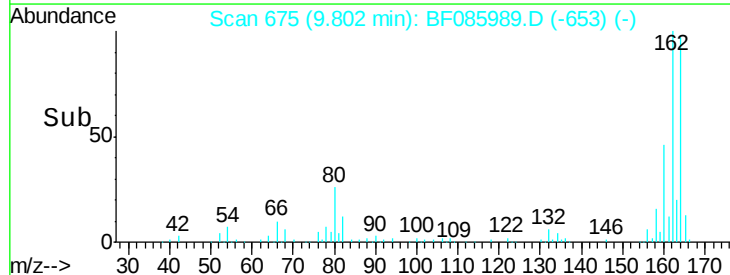
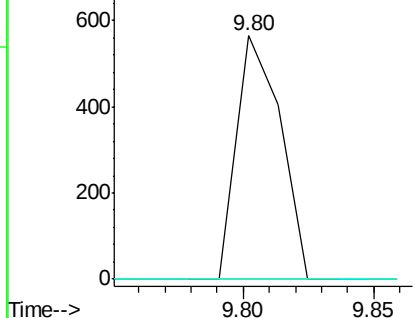


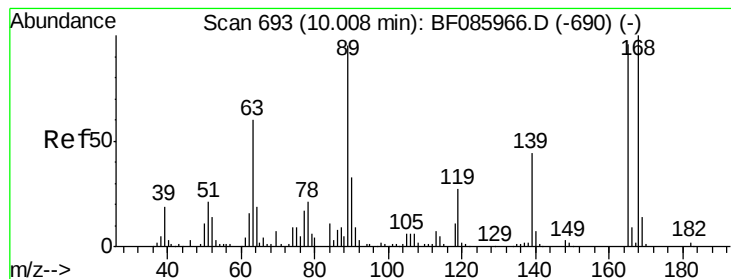
#51
 Acenaphthene
 Concen: 0.06 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF085989.D
 Acq: 2 Apr 2016 4:30

Tgt 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: 6.41 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

Tot Ion:165 Resp: 23616

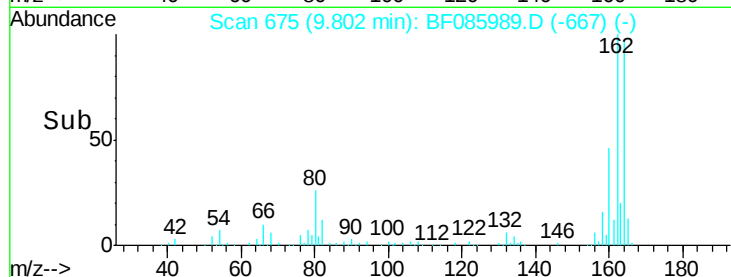
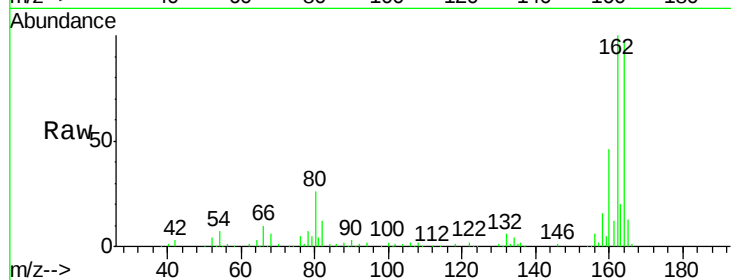
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

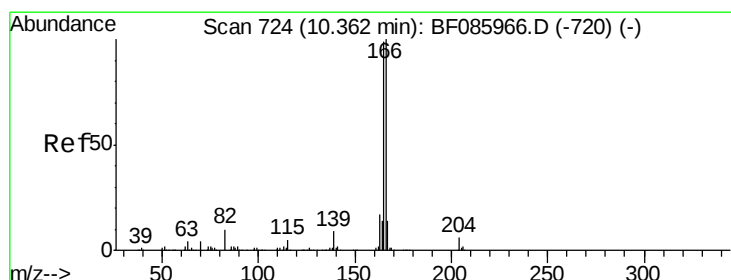
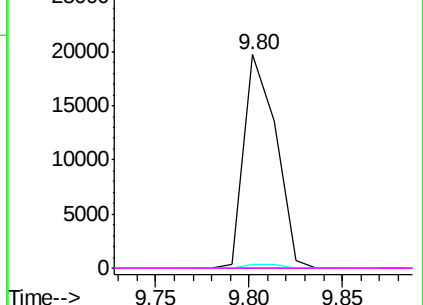


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.50 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.23 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

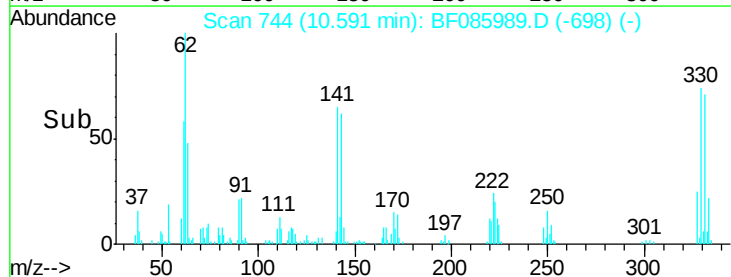
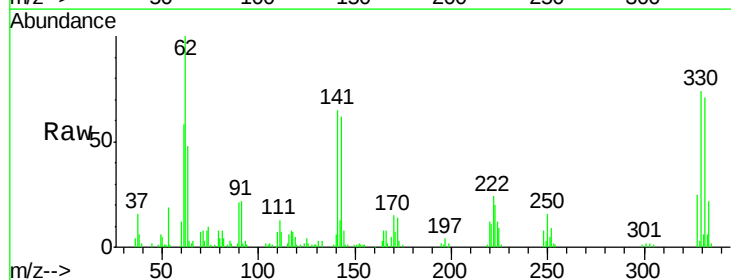
Tgt Ion:166 Resp: 6217

Ion Ratio Lower Upper

166 100

165 96.8 79.4 119.0

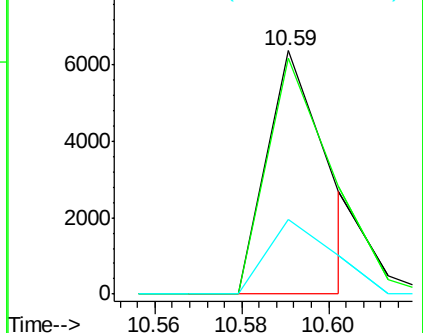
167 30.5 11.0 16.4#

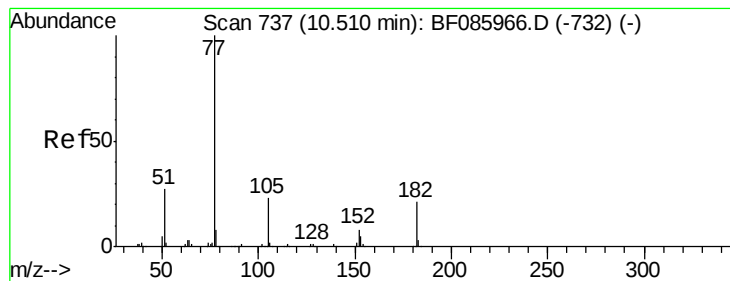


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.04 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

Tot Ion: 77 Resp: 560

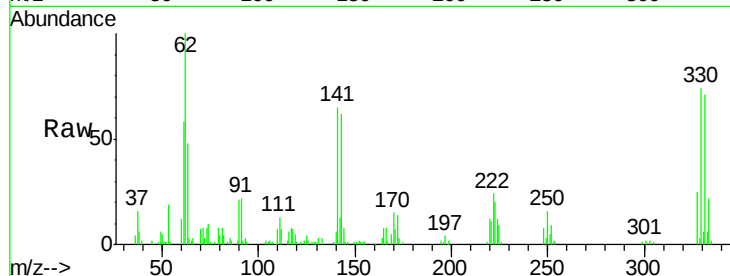
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 91.7 3.5 43.5#

51 77.0 6.3 46.3#

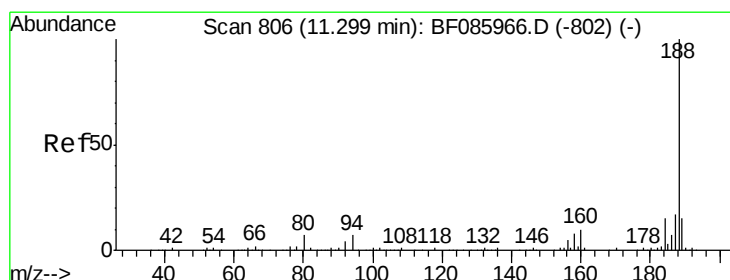
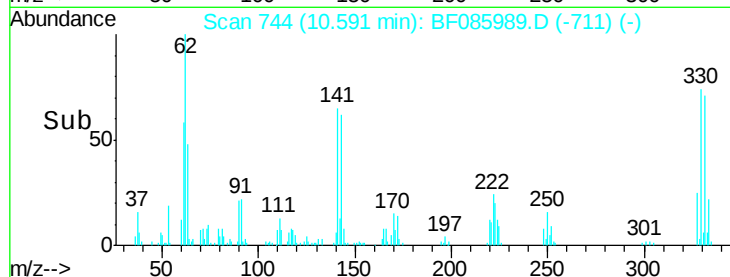
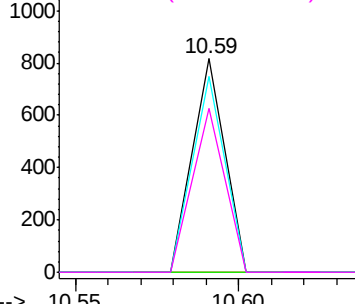


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

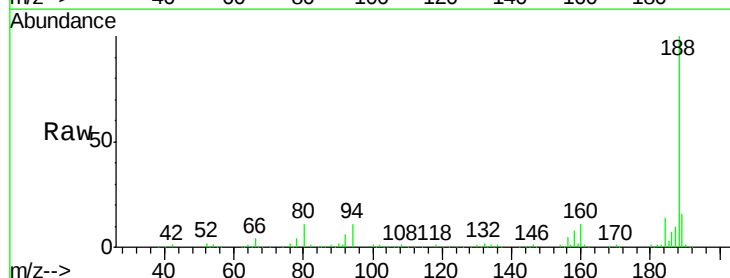
Tgt Ion: 188 Resp: 394326

Ion Ratio Lower Upper

188 100

94 11.1 5.4 8.0#

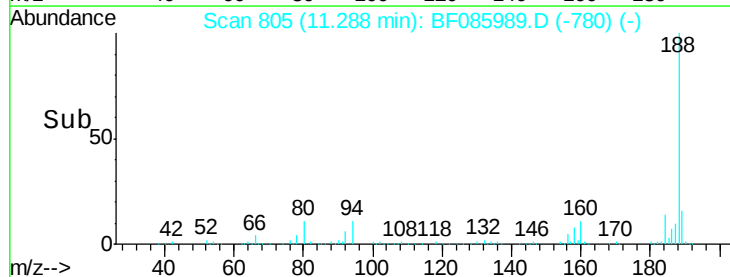
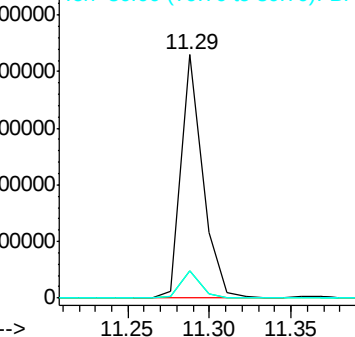
80 11.3 5.5 8.3#

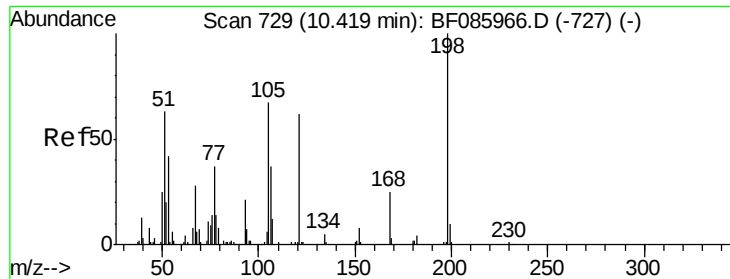


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

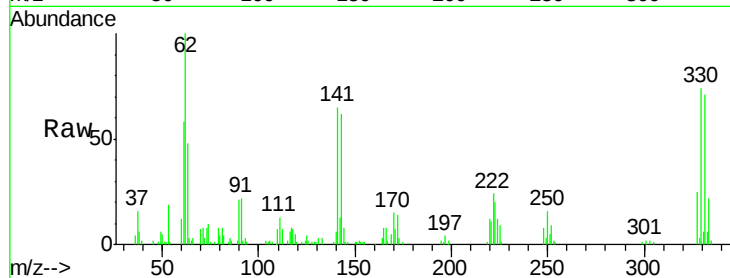




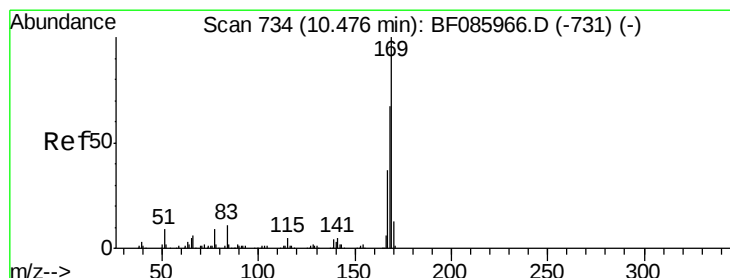
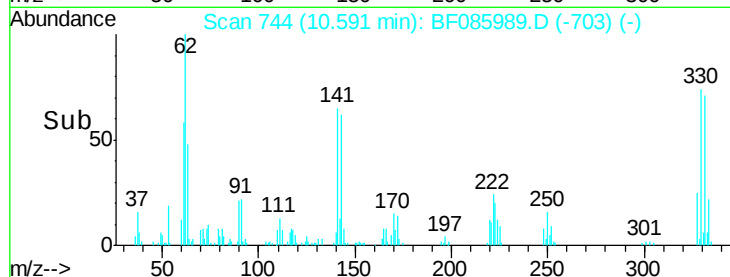
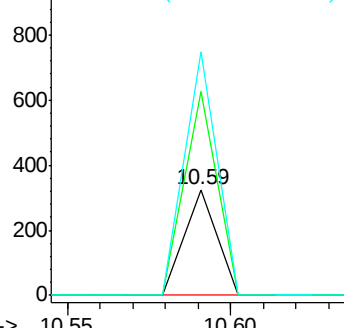
#64
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.17 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB89385BL

Tot Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
51 193.8 45.4 85.4#
105 230.9 45.9 85.9#

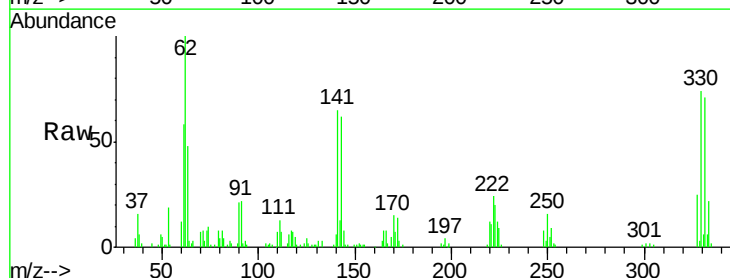


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

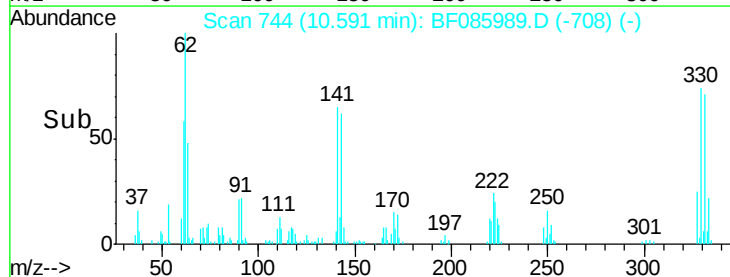
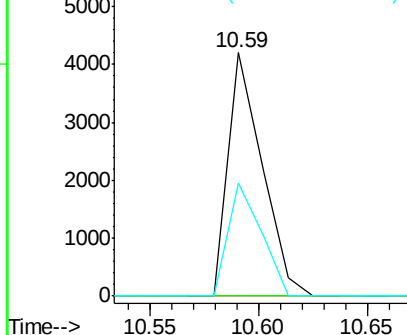


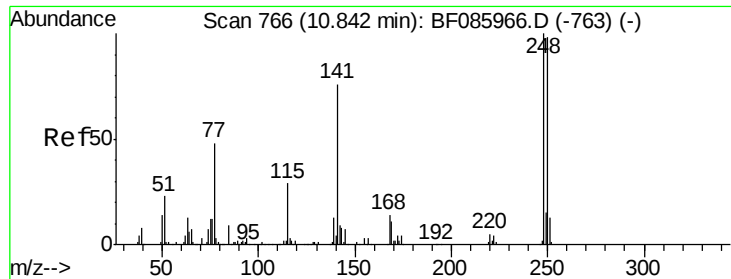
#65
n-Nitrosodiphenylamine
Concen: 0.37 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.11 min
Lab File: BF085989.D
Acq: 2 Apr 2016 4:30

Tgt Ion:169 Resp: 4557
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 46.3 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: 2.25 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

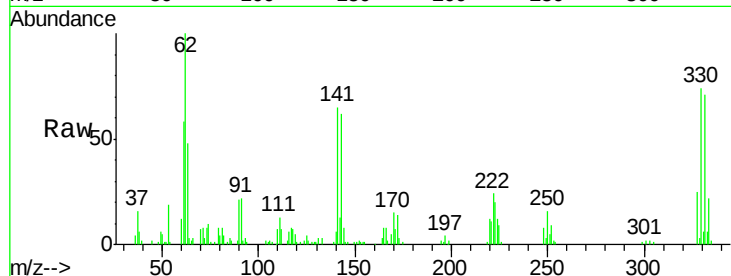
Tot Ion:248 Resp: 9049

Ion Ratio Lower Upper

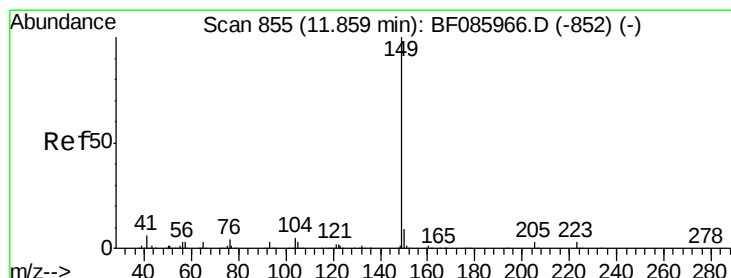
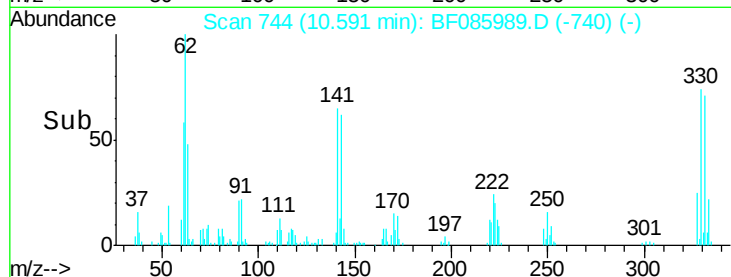
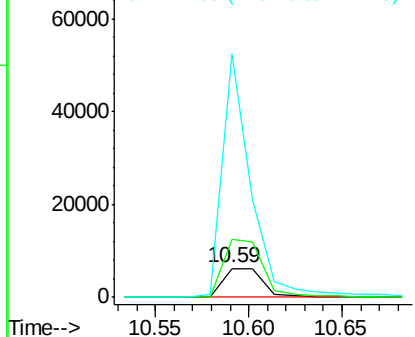
248 100

250 200.6 77.4 116.0#

141 834.6 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: 0.02 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

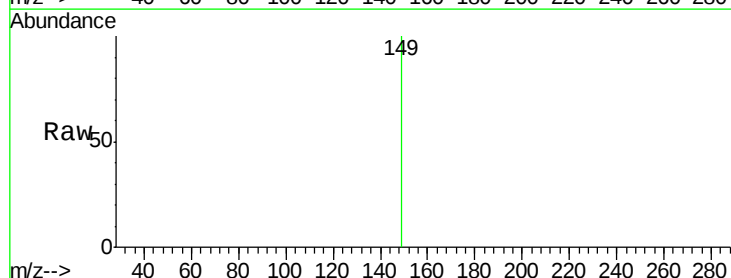
Tgt Ion:149 Resp: 540

Ion Ratio Lower Upper

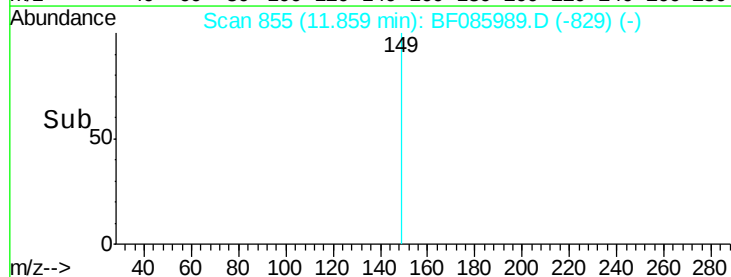
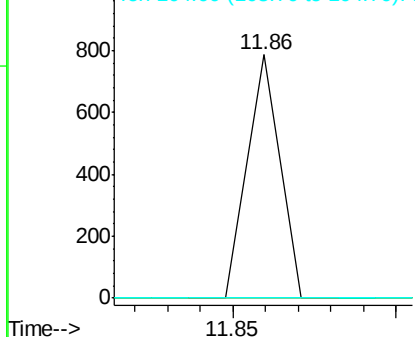
149 100

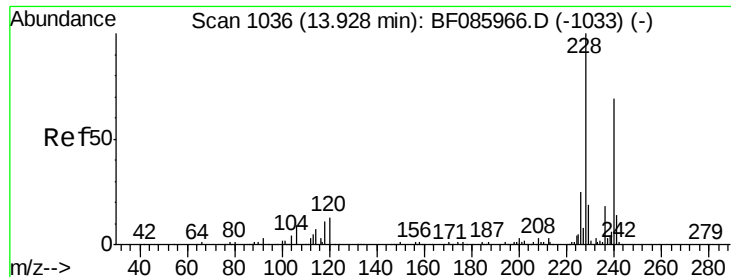
150 0.0 7.6 11.4#

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

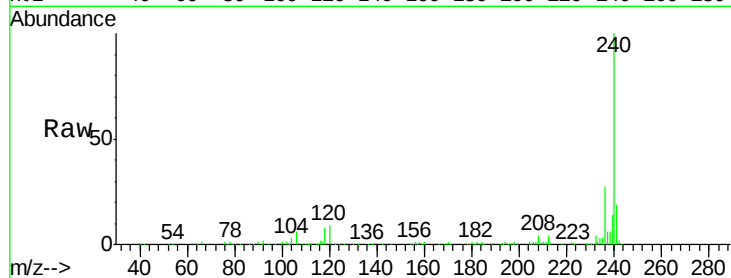
Tot Ion:240 Resp: 346965

Ion Ratio Lower Upper

240 100

120 8.6 13.8 20.8#

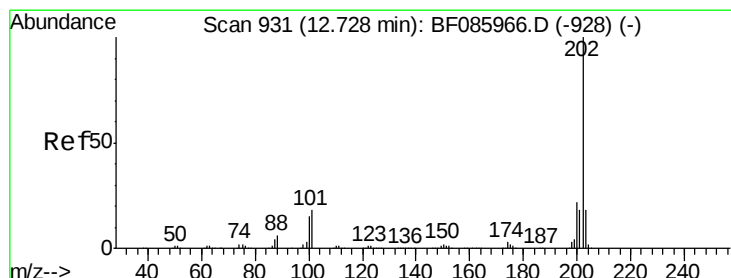
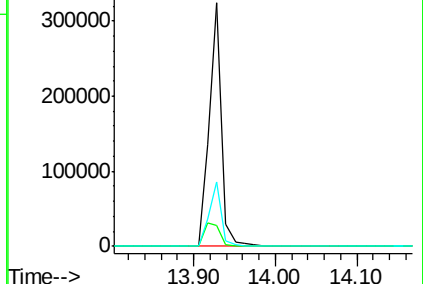
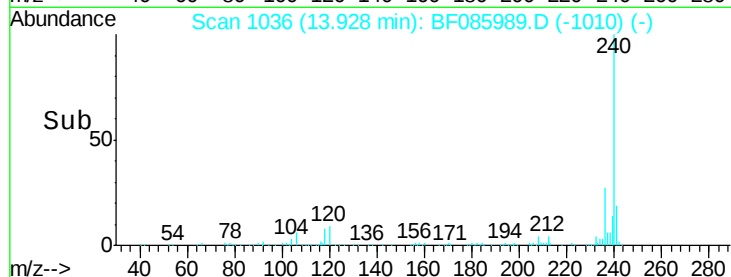
236 26.5 20.6 30.8



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: 0.15 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.15 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

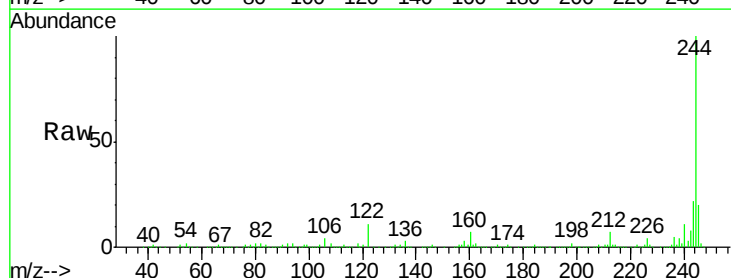
Tgt Ion:202 Resp: 3618

Ion Ratio Lower Upper

202 100

200 50.1 17.6 26.4#

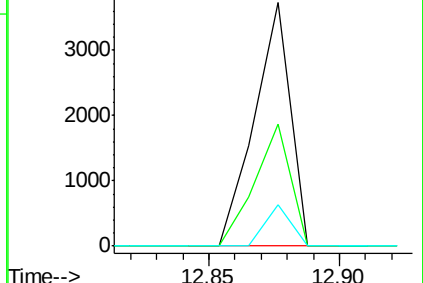
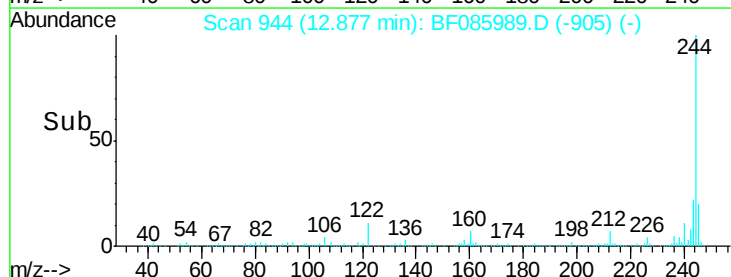
203 17.2 14.0 21.0

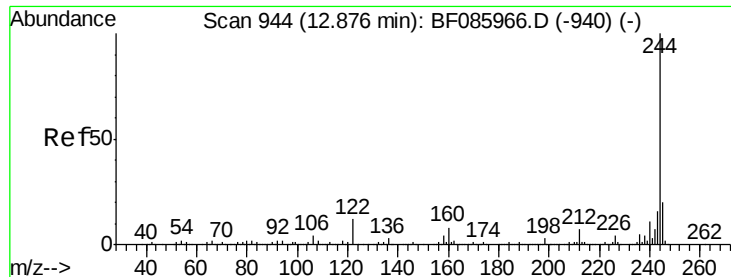


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.54 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL

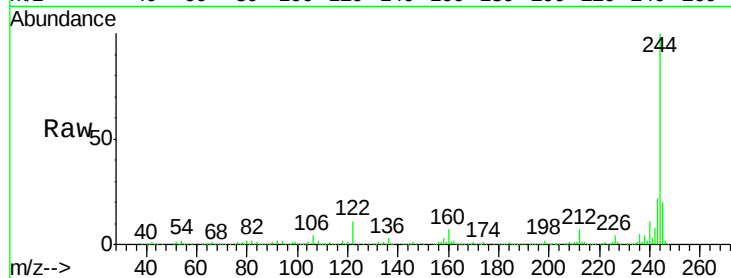
Tot Ion:244 Resp: 1055961

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

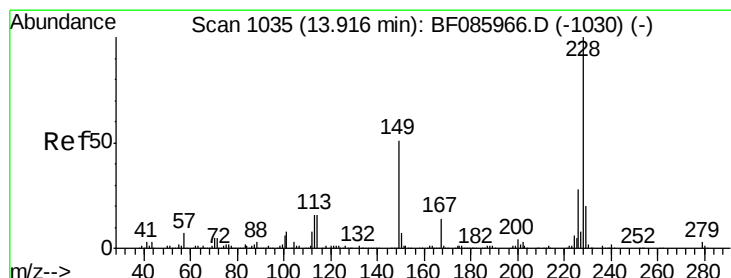
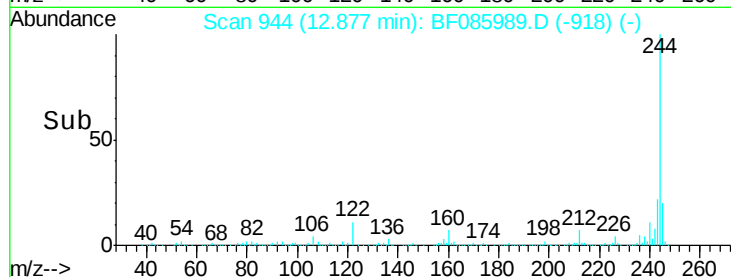
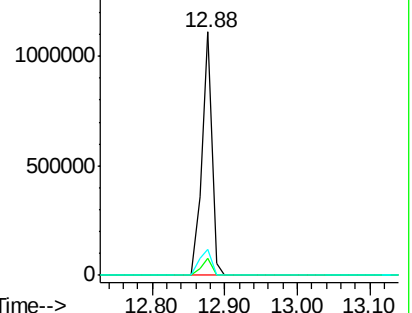
122 10.7 10.2 15.4



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: 0.05 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

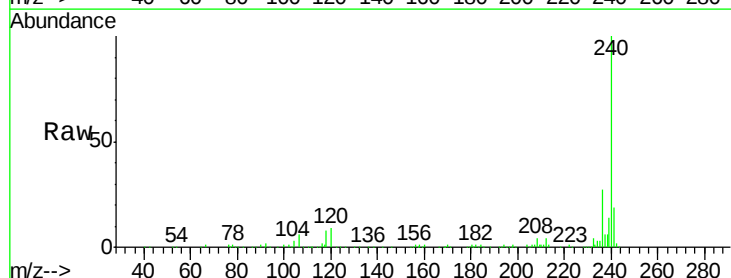
Tgt Ion:228 Resp: 948

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

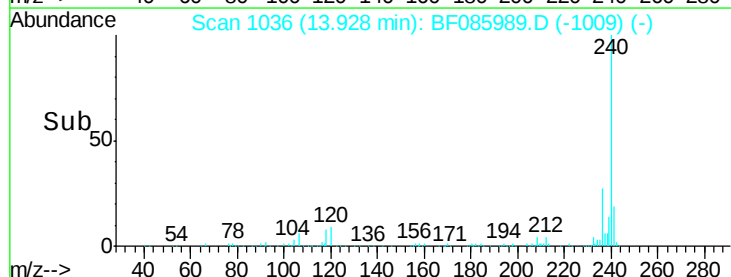
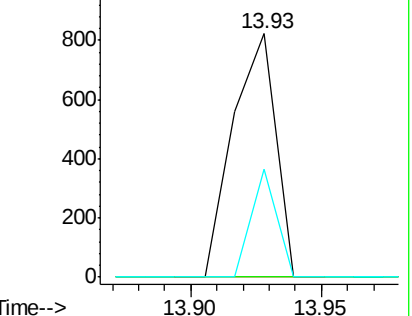
229 44.3 16.2 24.4#

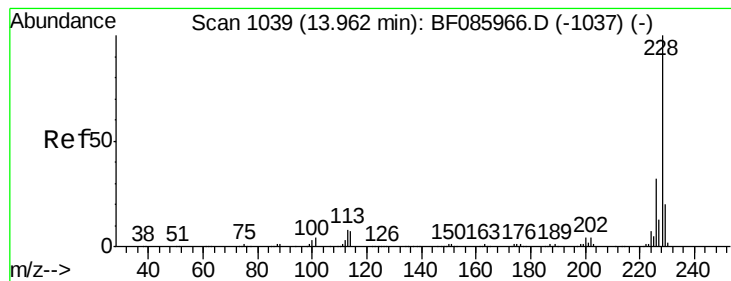


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.05 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleID :

PB89385BL

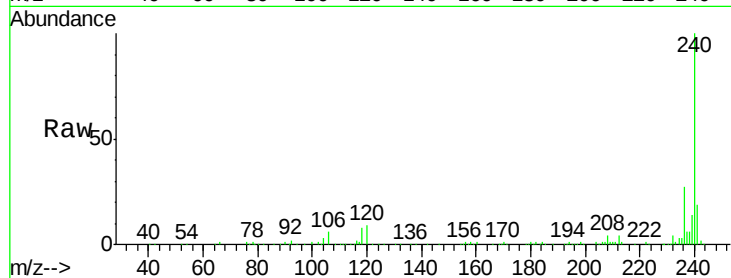
Tot Ion:228 Resp: 948

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

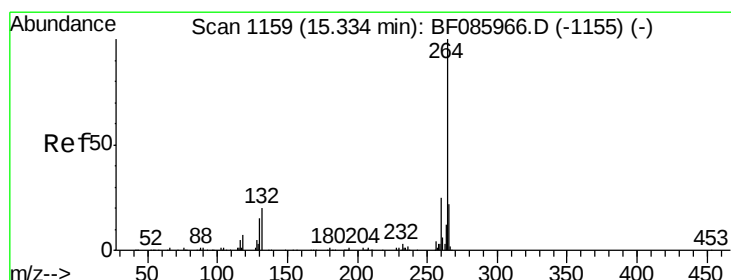
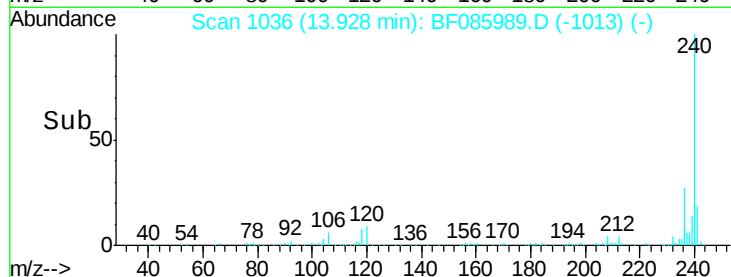
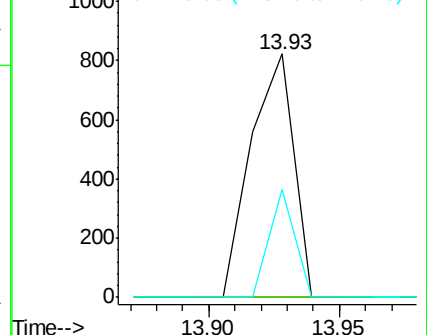
229 44.3 15.7 23.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085989.D

Acq: 2 Apr 2016 4:30

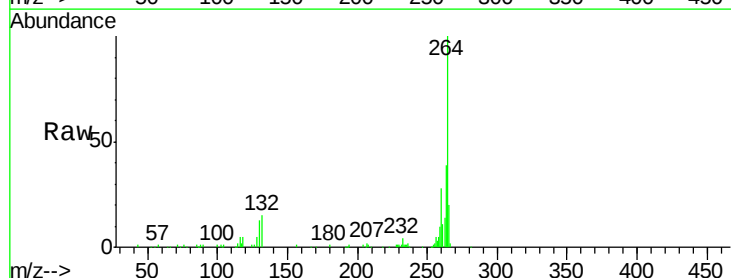
Tgt Ion:264 Resp: 172681

Ion Ratio Lower Upper

264 100

260 28.1 19.4 29.2

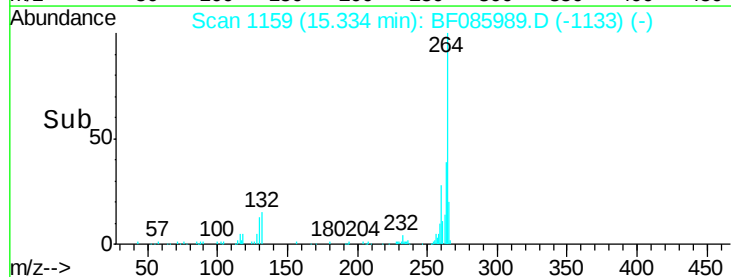
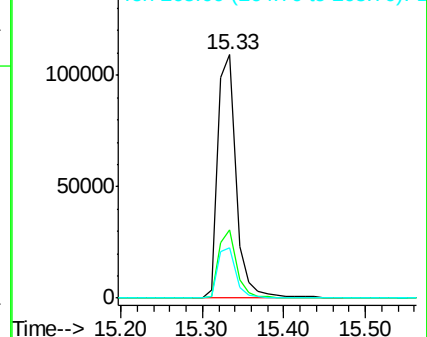
265 20.5 17.2 25.8

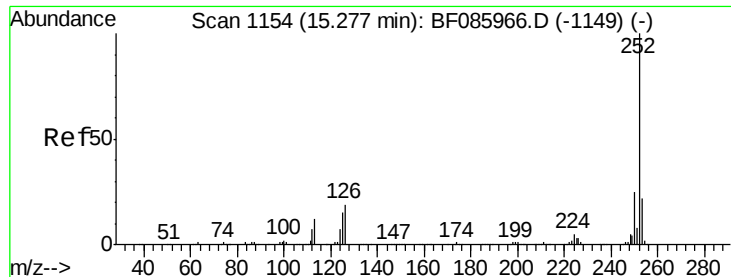


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.06 min

Lab File: BF085989.D

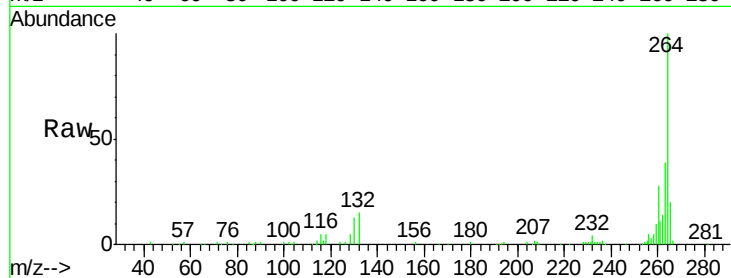
Acq: 2 Apr 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB89385BL



Tot Ion:	252	Resp:	580
Ion	Ratio	Lower	Upper
252	100		
253	83.8	17.4	26.0#
125	0.0	10.3	15.5#

