

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086863.D
 Acq On : 10 May 2016 16:50
 Operator : UM/SJ
 Sample : PB90444BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

Quant Time: May 11 03:42:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

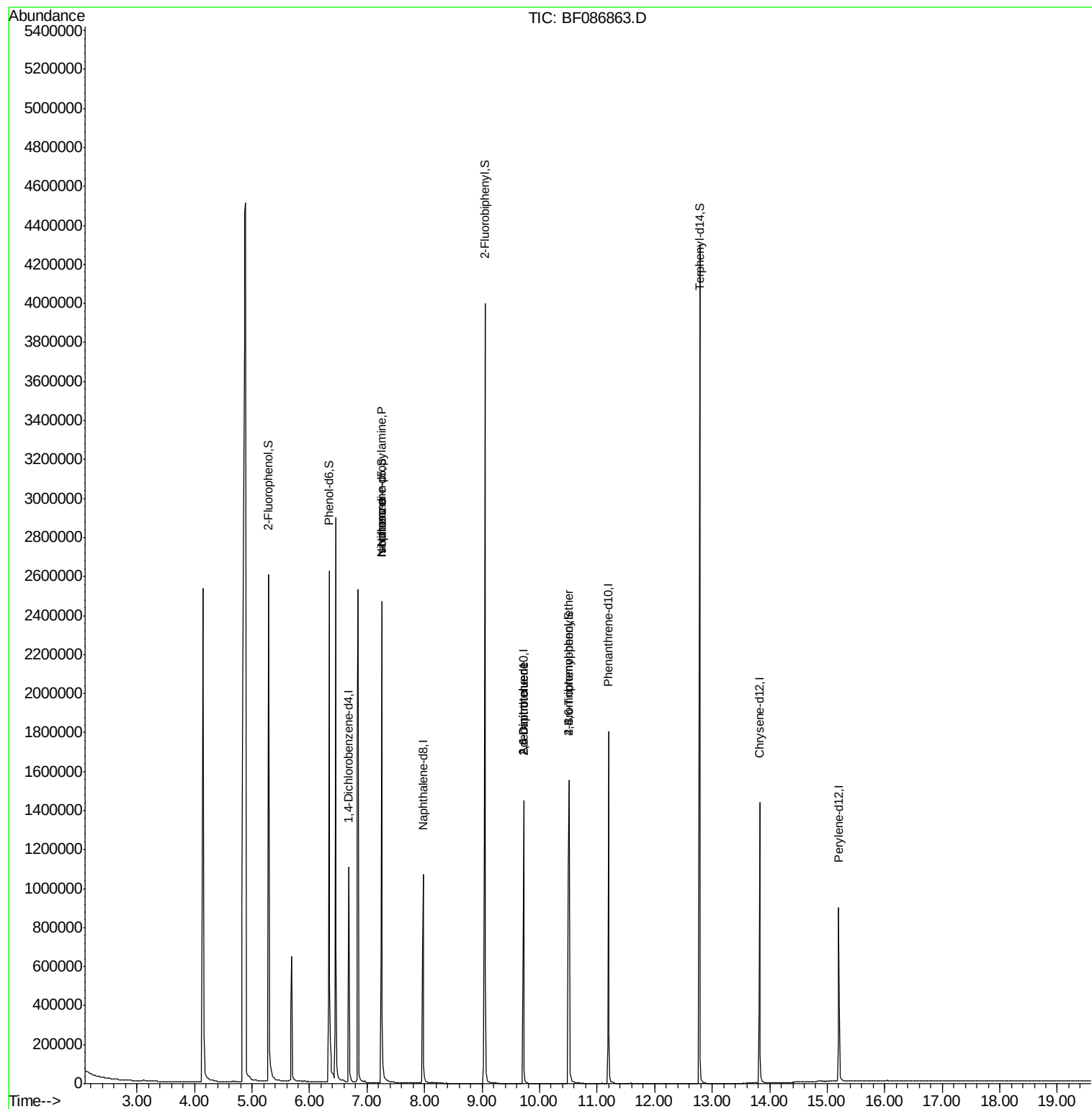
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152011	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	629280	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	314311	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	620096	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	505924	20.00	ng	-0.01
86) Perylene-d12	15.20	264	393857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	657233	73.22	ng	0.00
7) Phenol-d6	6.34	99	871680	72.66	ng	-0.02
23) Nitrobenzene-d5	7.25	82	792112	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	242126	72.76	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1300662	69.55	ng	-0.01
78) Terphenyl-d14	12.78	244	1404599	58.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	109775	13.09	ng	# 72
25) Isophorone	7.25	82	644019	27.70	ng	# 68
50) 2,6-Dinitrotoluene	9.72	165	39695	7.87	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	39697	6.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	14485	2.30	ng	# 1

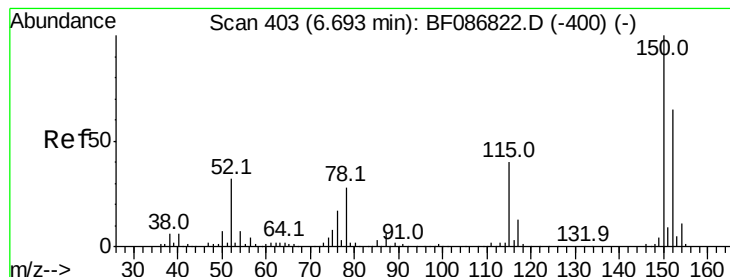
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

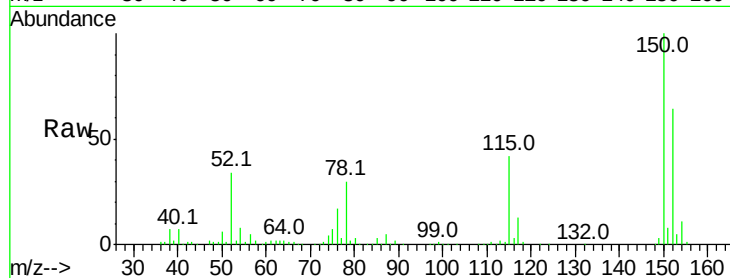
Tot Ion:152 Resp: 152011

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

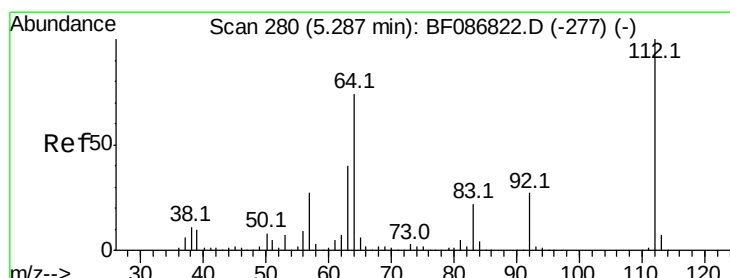
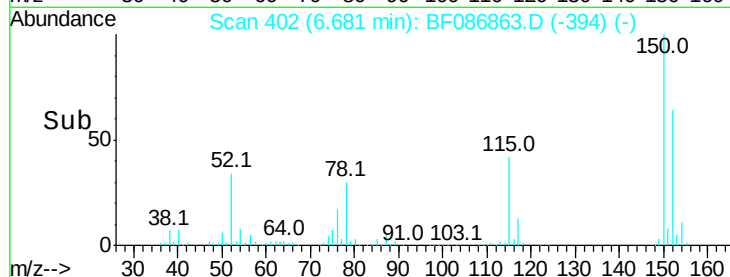
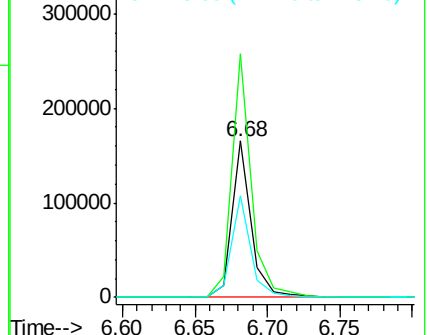
115 64.7 51.5 77.3



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: 73.22 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

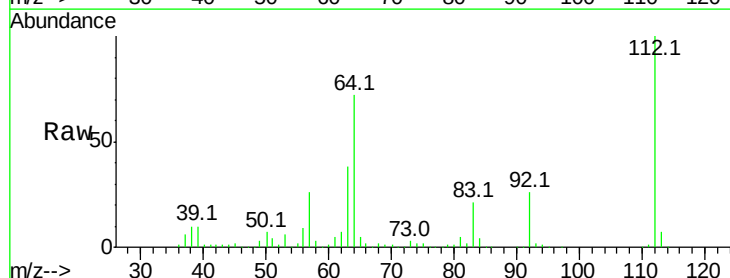
Tgt Ion:112 Resp: 657233

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

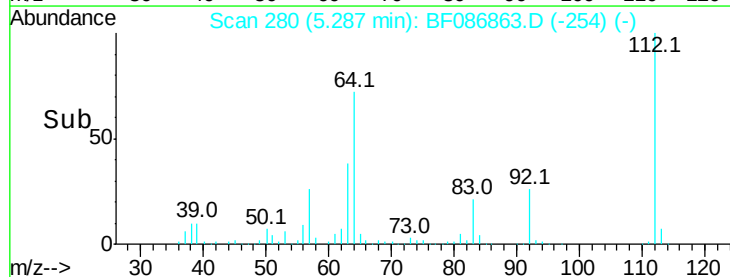
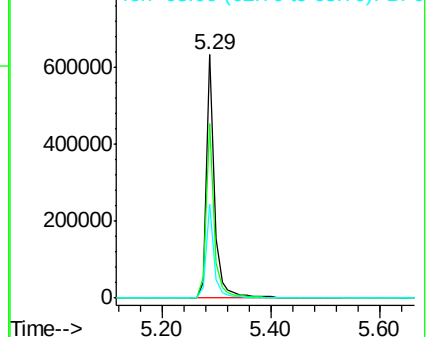
63 38.5 25.7 38.5

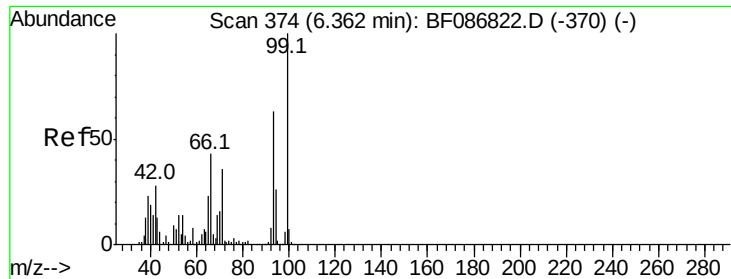


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

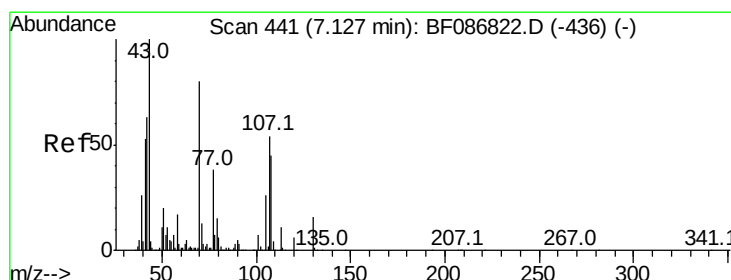
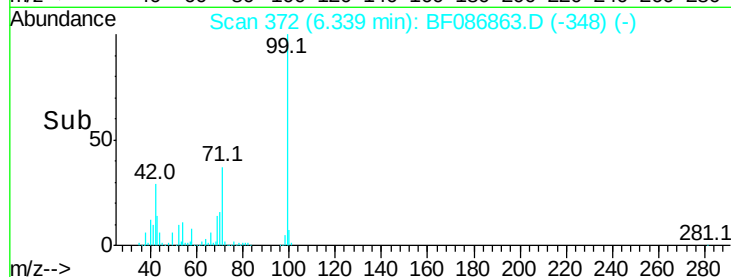
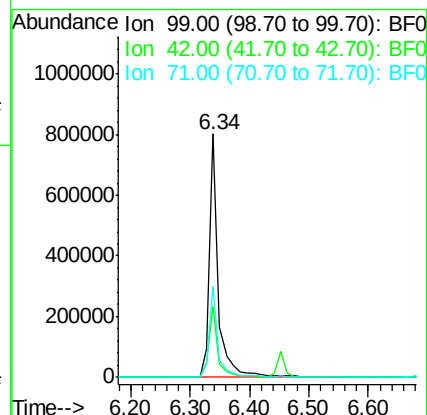
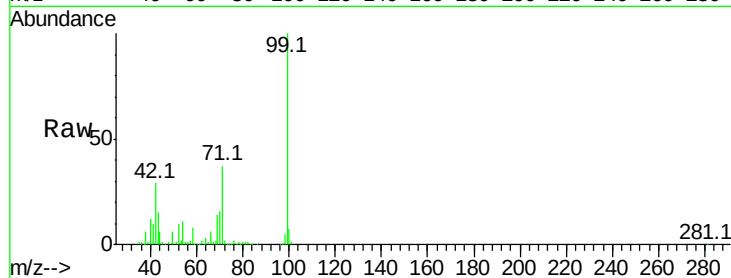
Tot Ion: 99 Resp: 871680

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

71 37.4 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.09 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.13 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Tgt Ion: 70 Resp: 109775

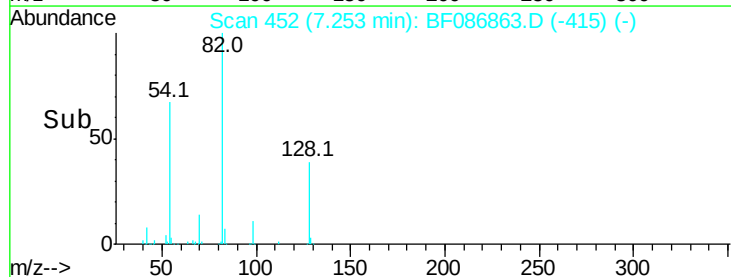
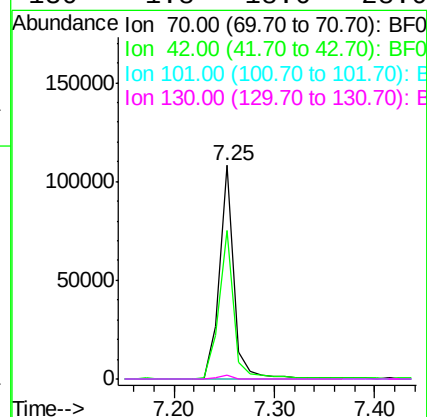
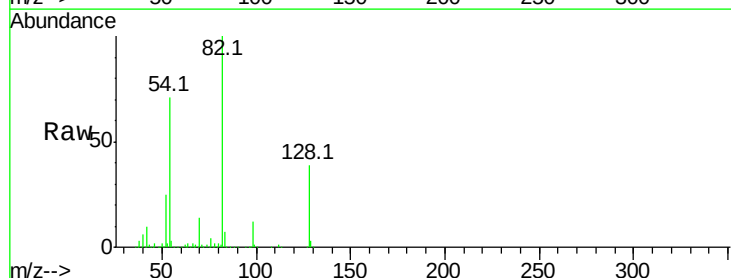
Ion Ratio Lower Upper

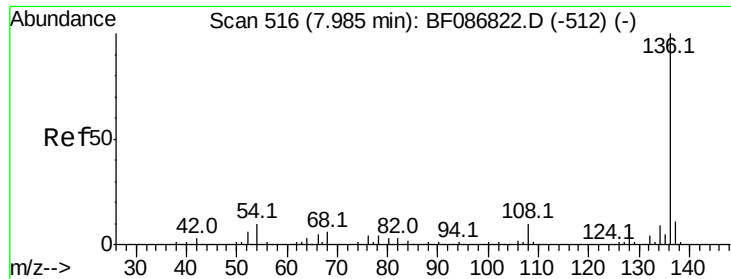
70 100

42 69.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

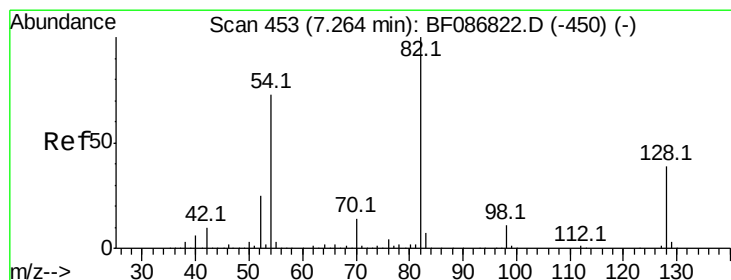
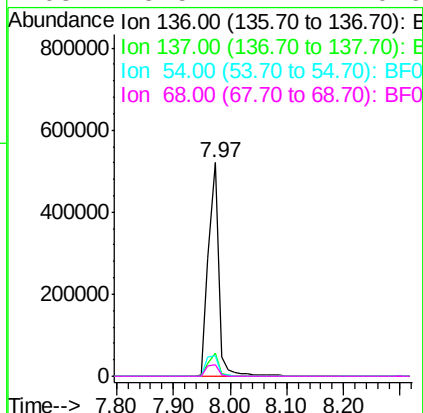
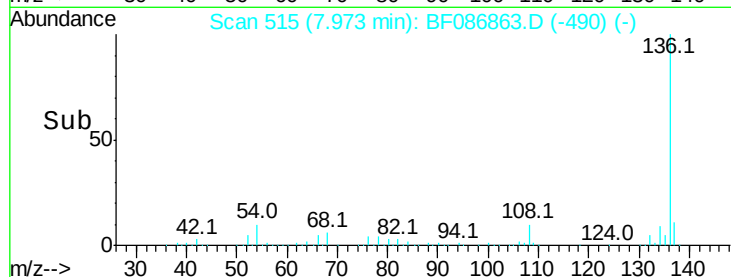
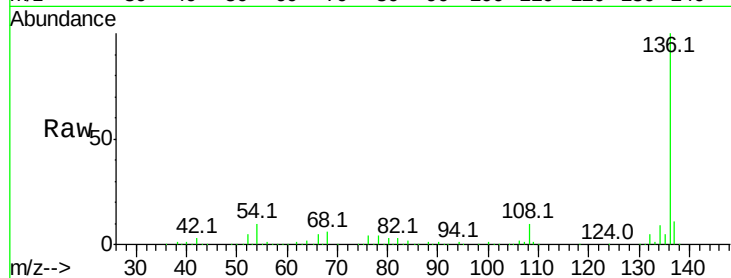




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086863.D
Acq: 10 May 2016 16:50

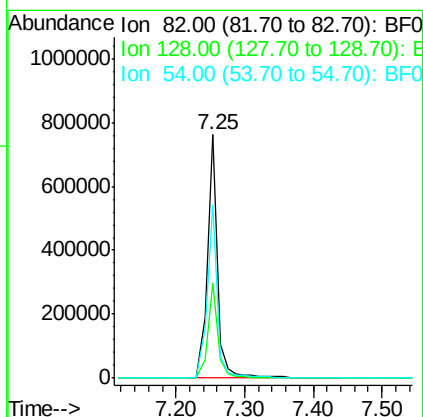
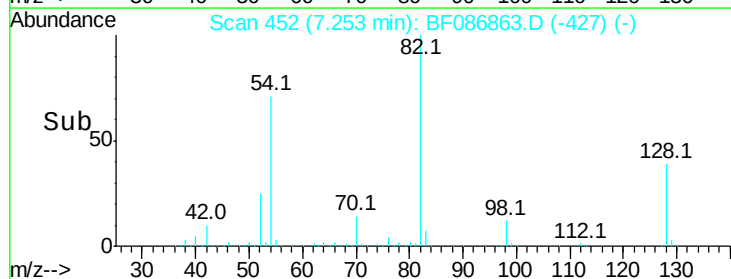
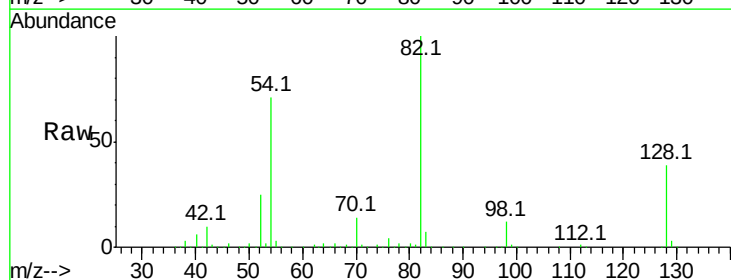
Instrument :
BNA_F
ClientSampleId :
PB90444BL

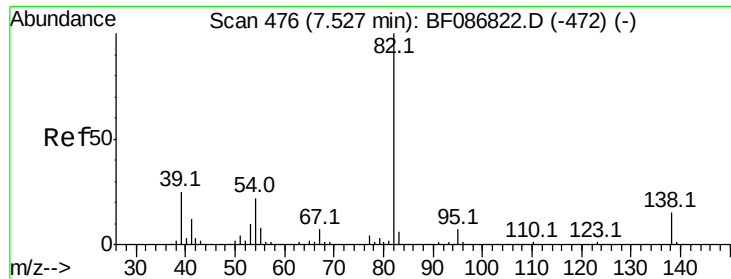
Tot Ion:	136	Resp:	629280
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.7	5.0	7.4#
68	5.5	4.4	6.6



#23
Nitrobenzene-d5
Concen: 63.21 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086863.D
Acq: 10 May 2016 16:50

Tgt Ion:	82	Resp:	792112
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	71.3	38.1	57.1#





#25

Isophorone

Concen: 27.70 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

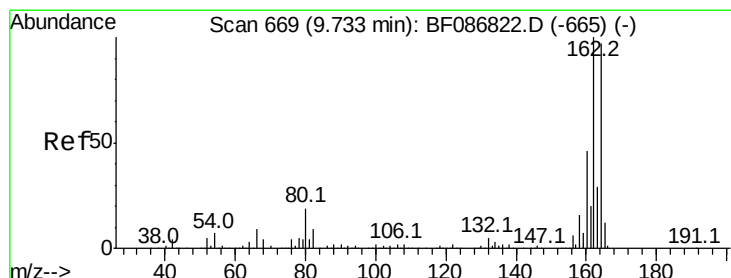
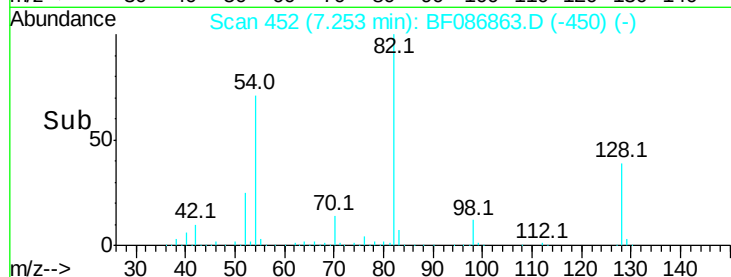
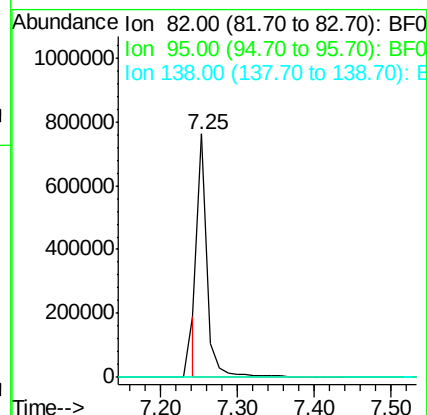
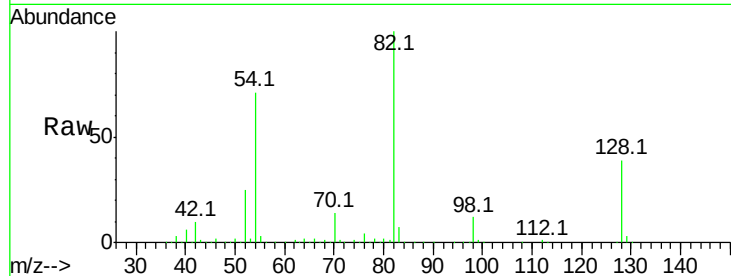
Tot Ion: 82 Resp: 644019

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

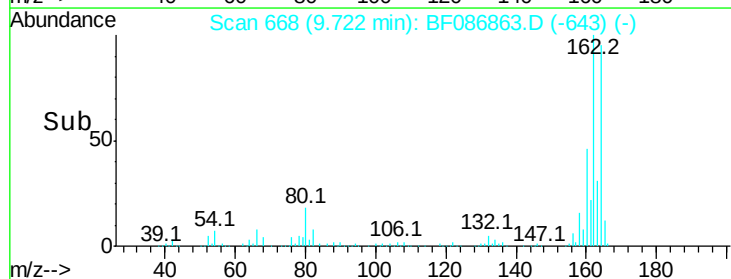
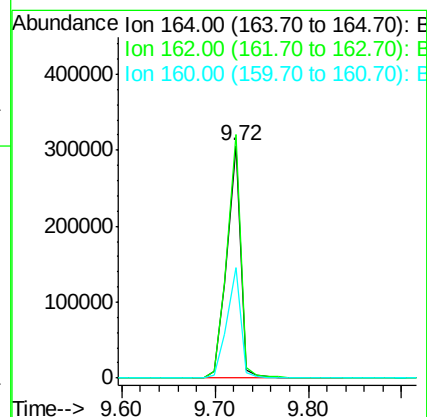
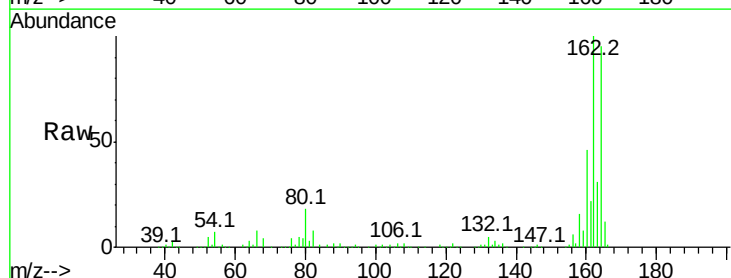
Tgt Ion:164 Resp: 314311

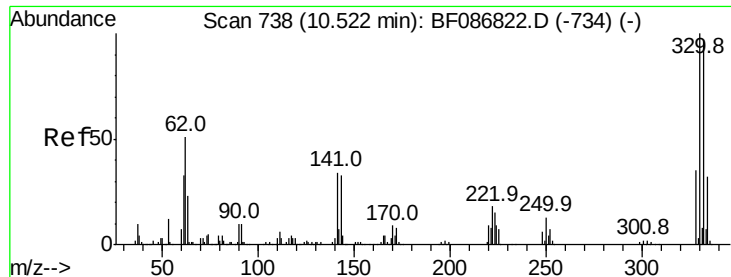
Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

160 47.8 36.9 55.3

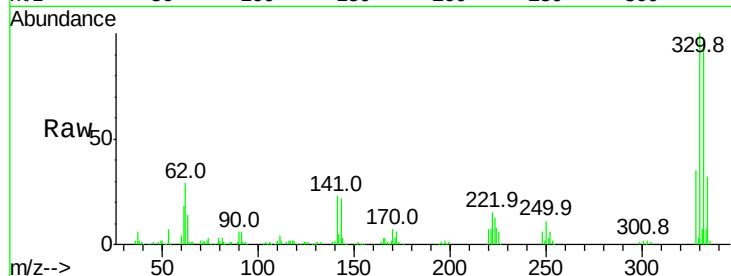




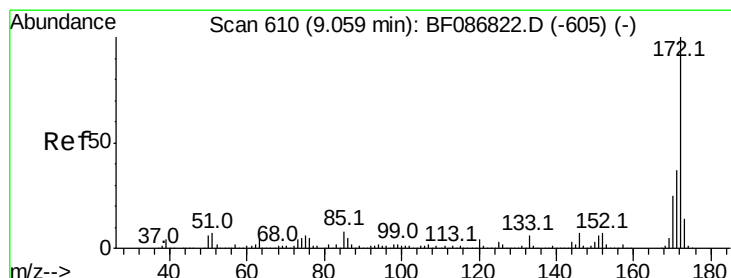
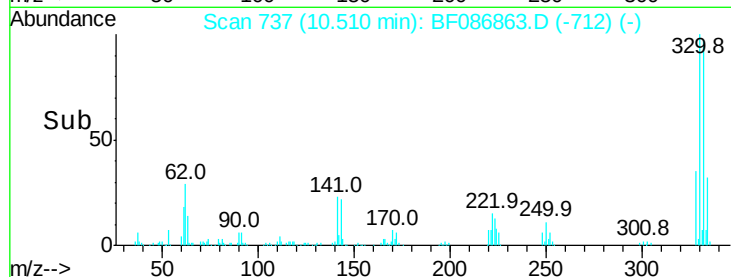
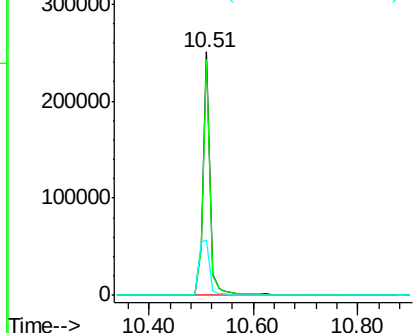
#41
 2,4,6-Tribromophenol
 Concen: 72.76 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	35.5	31.2	46.8

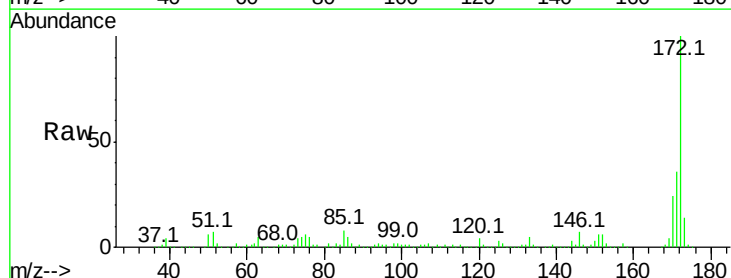


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

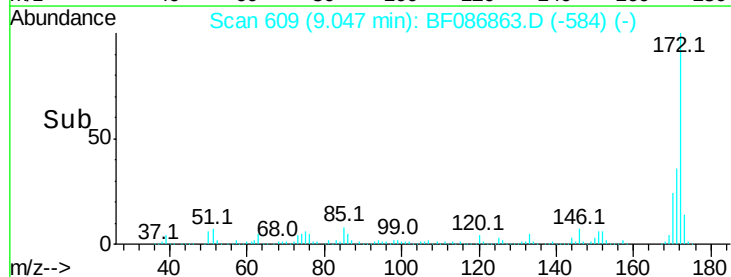
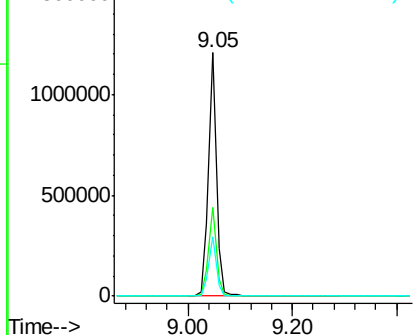


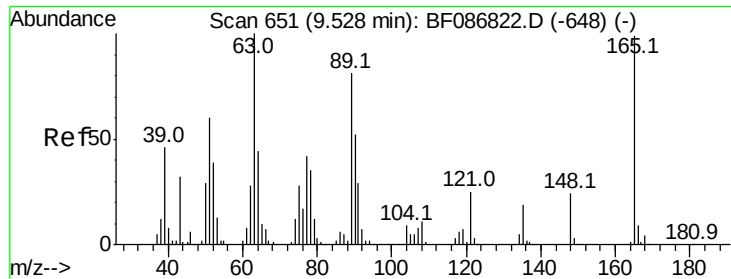
#44
 2-Fluorobiphenyl
 Concen: 69.55 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	19.8	29.8



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

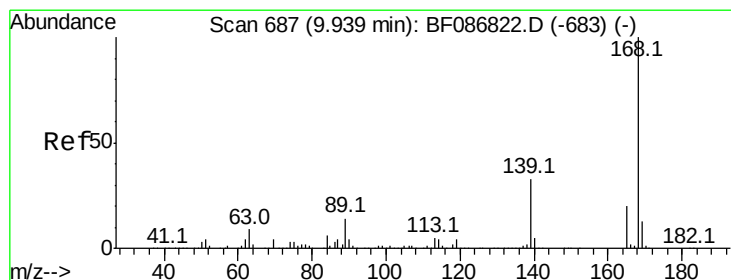
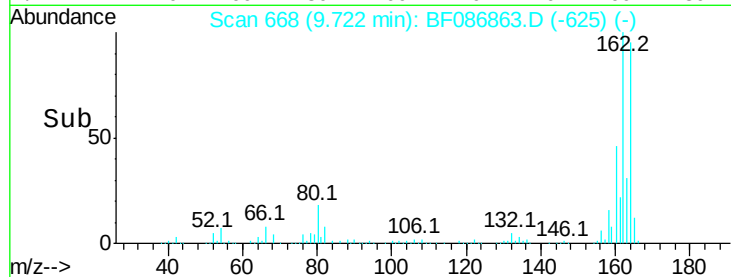
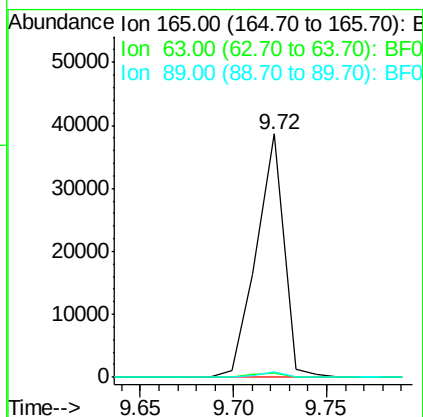
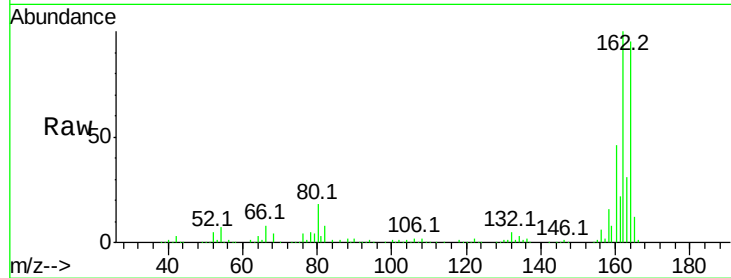




#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

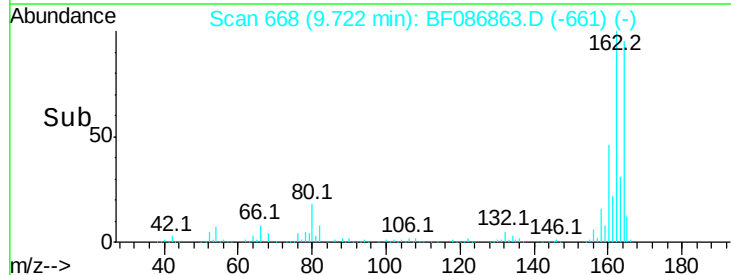
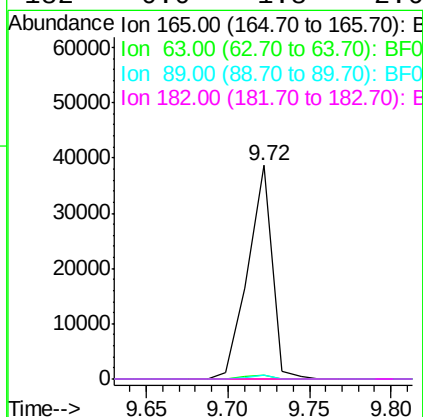
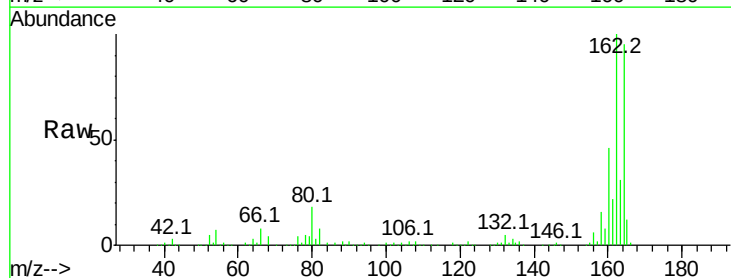
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 PB90444BL

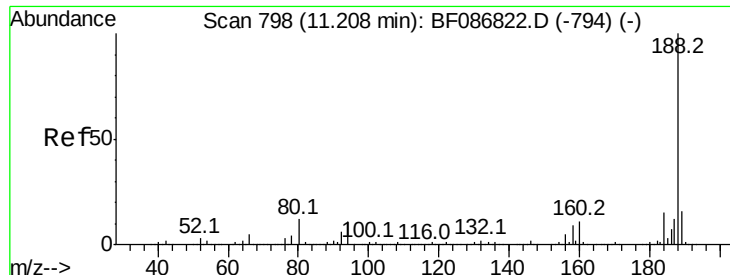
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.1	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.22 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

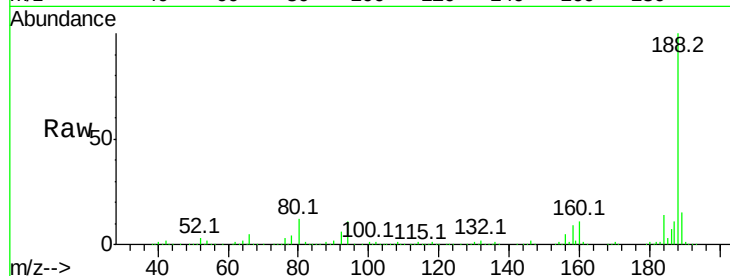




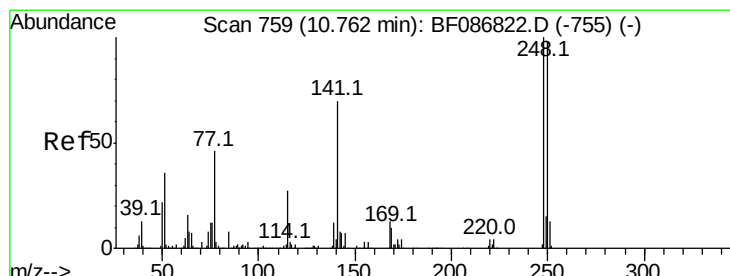
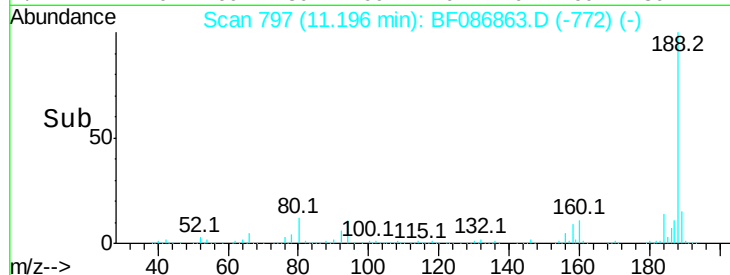
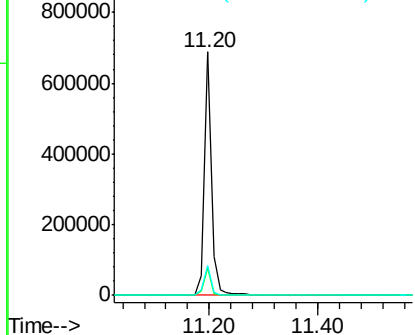
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

Tot Ion:188 Resp: 620096
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.8 10.2#
 80 12.4 7.1 10.7#

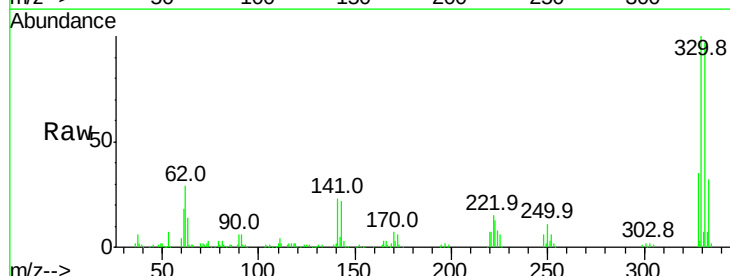


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

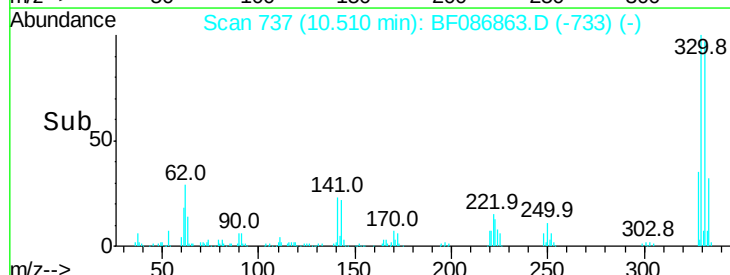
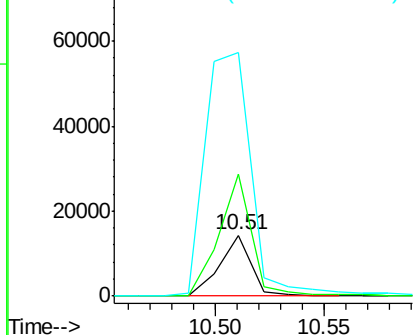


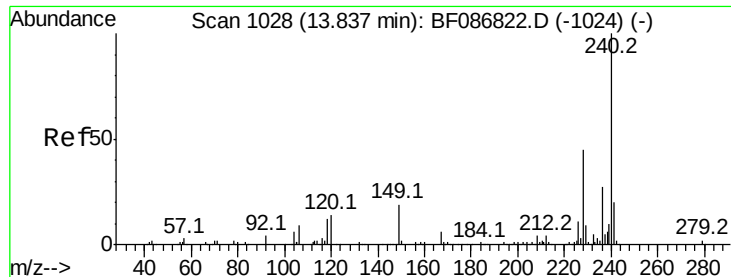
#66
 4-Bromophenyl-phenylether
 Concen: 2.30 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Tgt Ion:248 Resp: 14485
 Ion Ratio Lower Upper
 248 100
 250 200.3 78.6 117.8#
 141 399.4 76.0 114.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

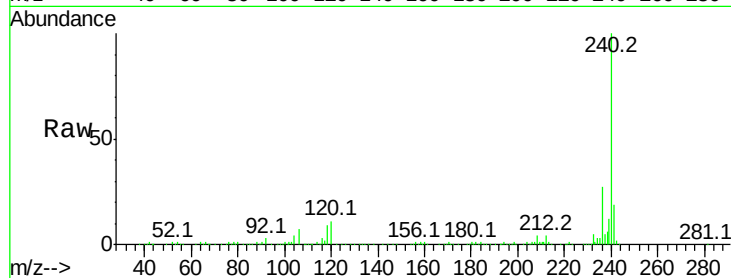
Tot Ion:240 Resp: 505924

Ion Ratio Lower Upper

240 100

120 10.8 11.2 16.8#

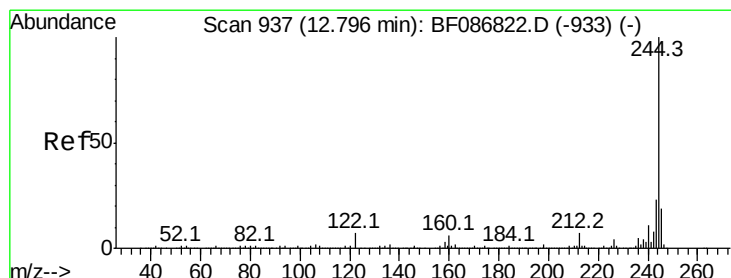
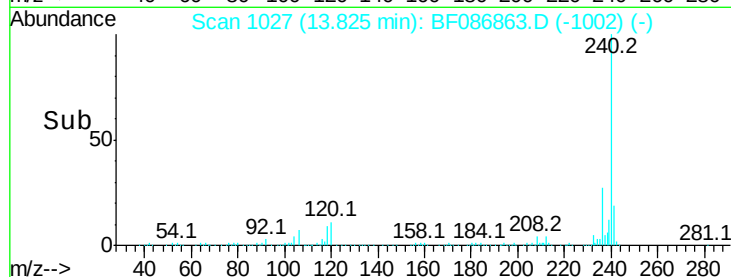
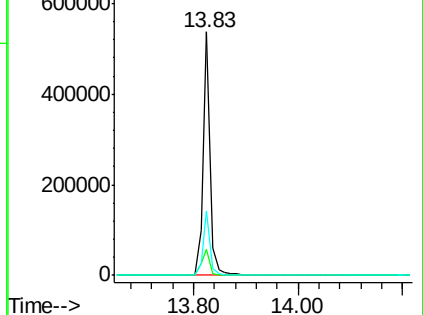
236 26.6 21.2 31.8



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



#78

Terphenyl-d14

Concen: 58.91 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

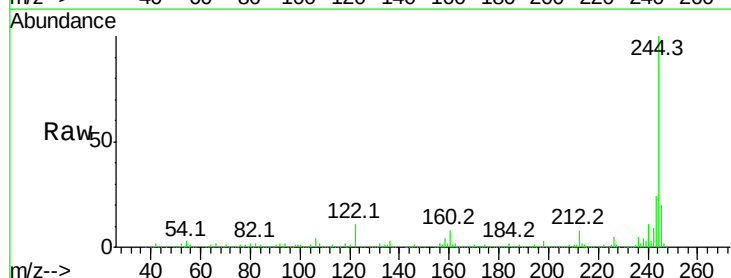
Tgt Ion:244 Resp: 1404599

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

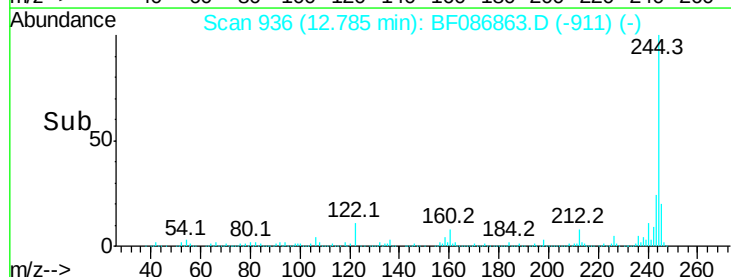
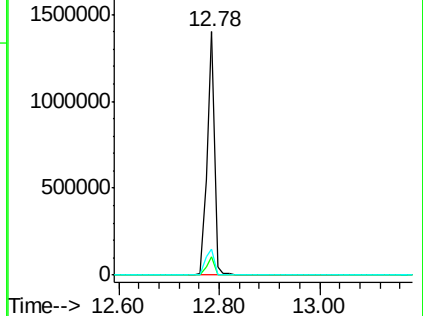
122 10.9 12.0 18.0#

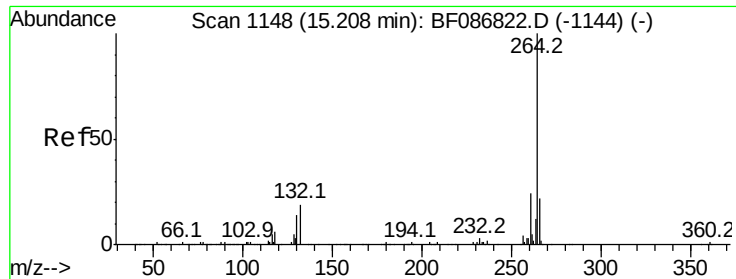


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.3	25.9

