

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088359.D
 Acq On : 25 Jun 2016 5:19
 Operator : UM/SJ
 Sample : PB91593TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Quant Time: Jun 27 01:49:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

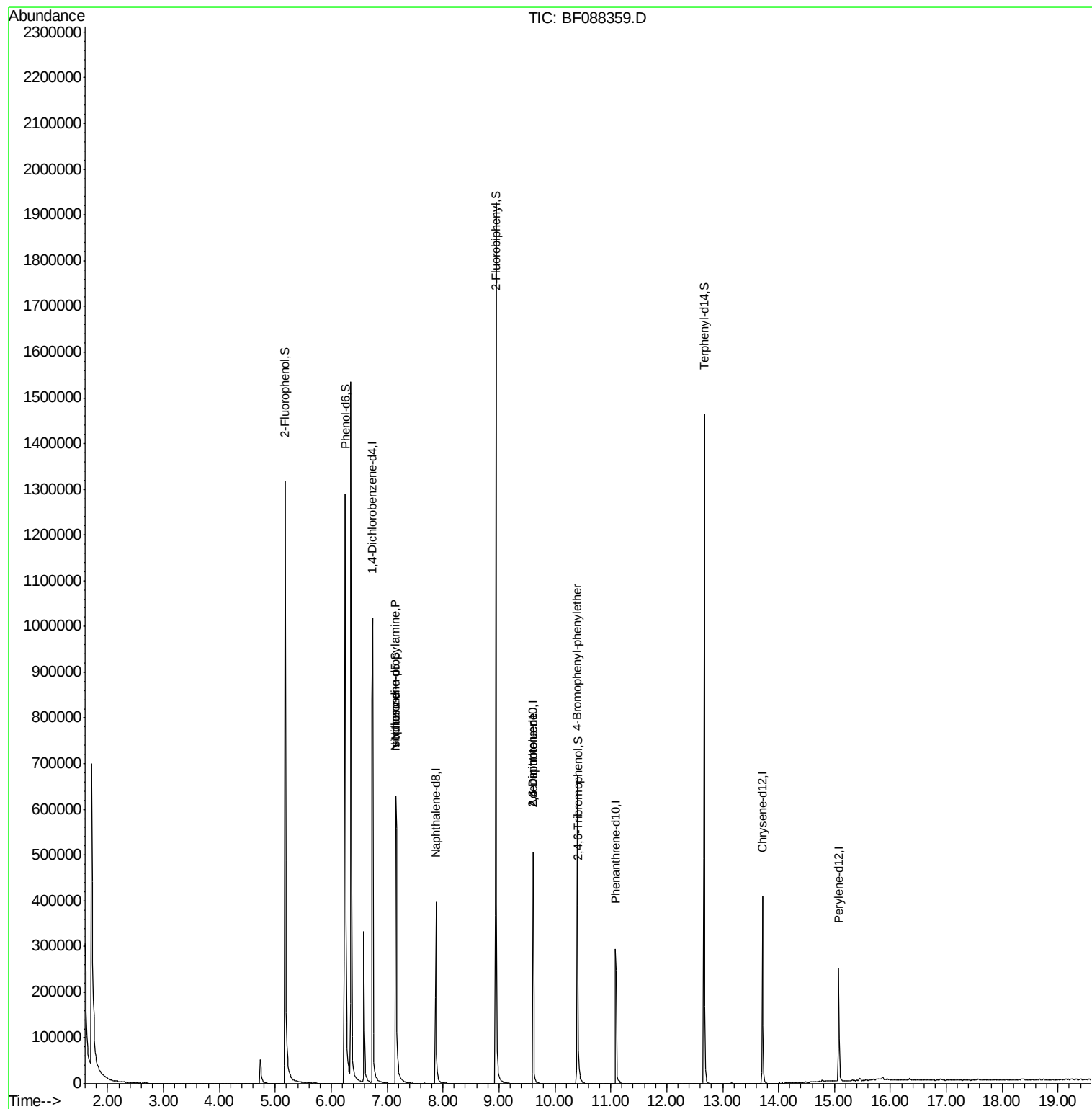
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	262226	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	278216	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	118964	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	184813	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	154609	20.00	ng	-0.03
86) Perylene-d12	15.07	264	115235	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	528335	34.44	ng	0.00
7) Phenol-d6	6.25	99	647724	34.84	ng	-0.01
23) Nitrobenzene-d5	7.15	82	384258	80.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	115496	91.95	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	703139	93.40	ng	-0.02
78) Terphenyl-d14	12.67	244	505578	74.41	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	831	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	47654	4.01 ng	#	72
25) Isophorone	7.15	82	387509	43.91 ng	#	65
45) 1,1'-Biphenyl	8.95	154	926	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.61	165	14841	7.52 ng	#	37
56) 2,4-Dinitrotoluene	9.61	165	14842	5.85 ng	#	36
57) Fluorene	10.40	166	4918	Below Cal	#	92
66) 4-Bromophenyl-phenylether	10.40	248	6920	3.49 ng	#	1

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

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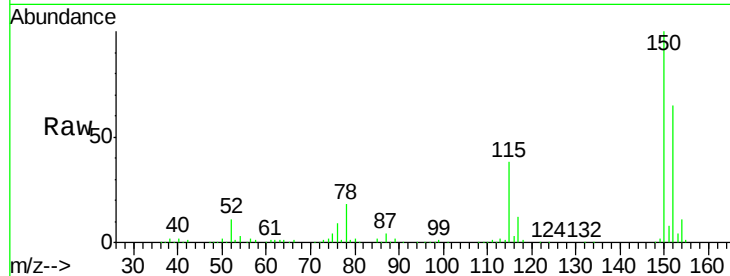




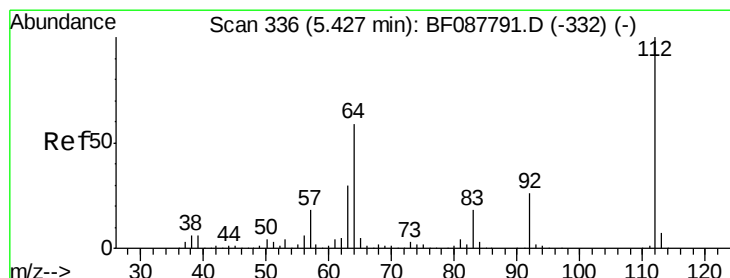
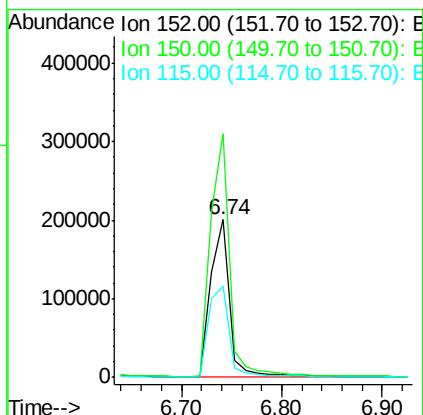
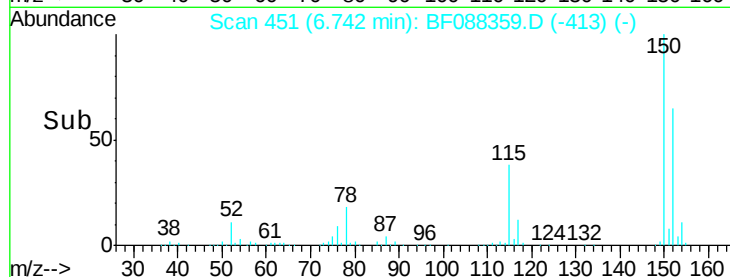
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.14 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Tgt Ion:152 Resp: 262226
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.6
 115 58.3 39.6 59.4

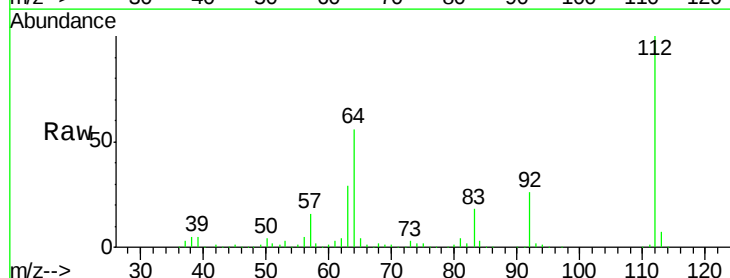


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

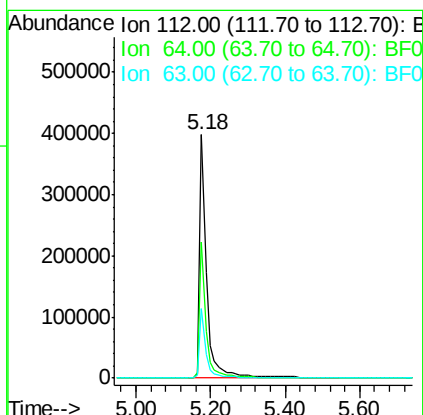
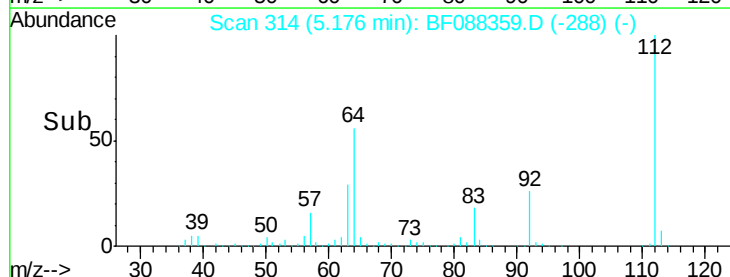


#5
 2-Fluorophenol
 Concen: 34.44 ng
 RT: 5.18 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Tgt Ion:112 Resp: 528335
 Ion Ratio Lower Upper
 112 100
 64 55.9 42.2 63.2
 63 28.6 21.8 32.8



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: 34.84 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

Instrument :

BNA_F

ClientSampleId :

PB91593TB

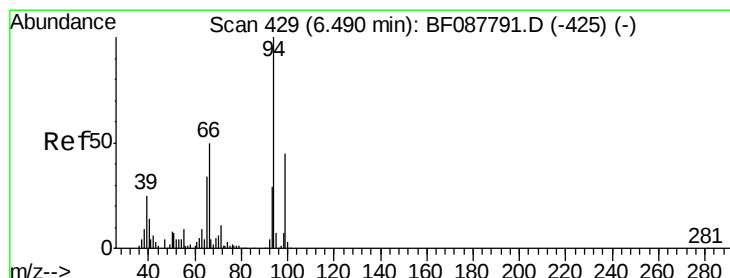
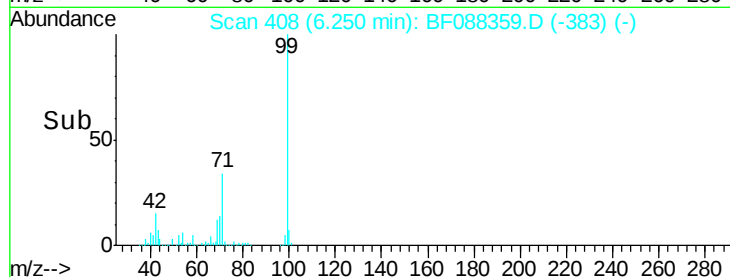
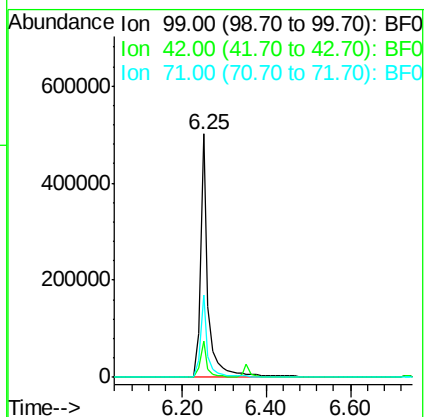
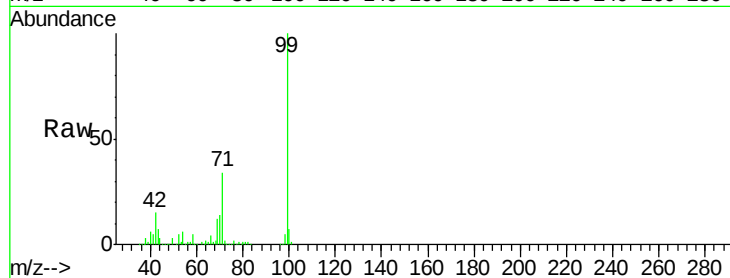
Tgt Ion: 99 Resp: 647724

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 33.6 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

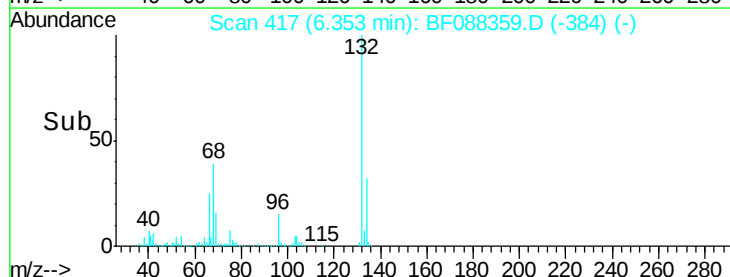
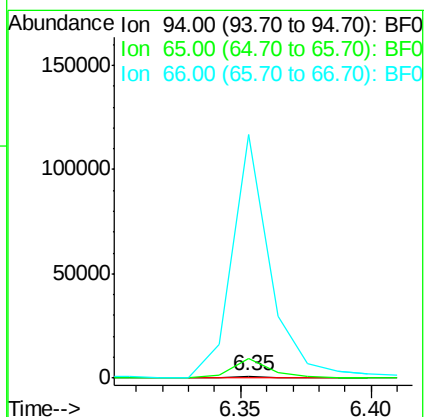
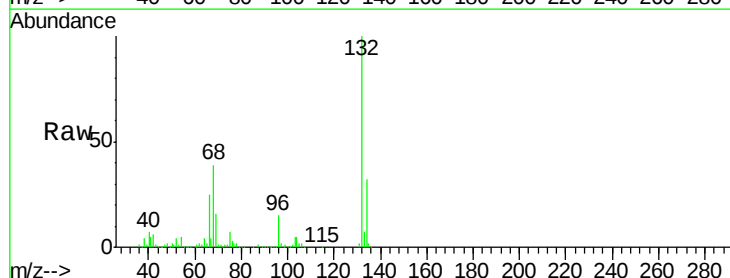
Tgt Ion: 94 Resp: 831

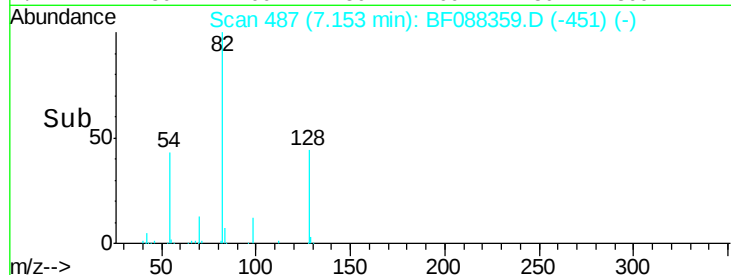
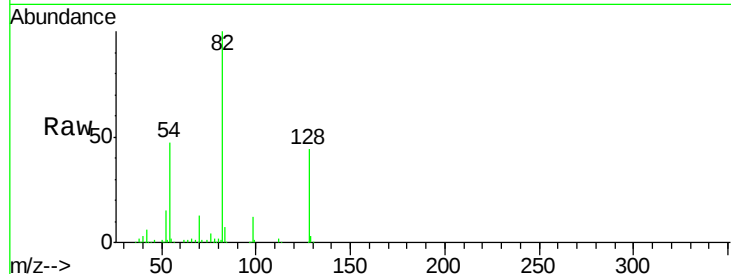
Ion Ratio Lower Upper

94 100

65 1012.7 5.9 45.9#

66 12874.1 14.0 54.0#

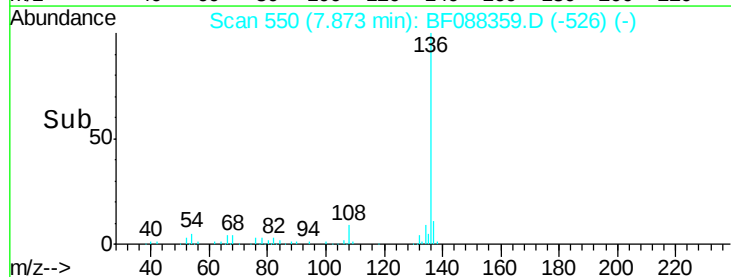
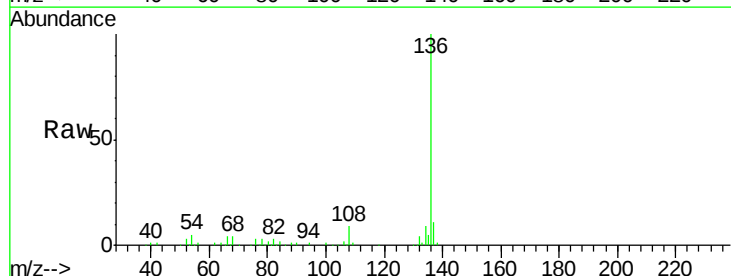
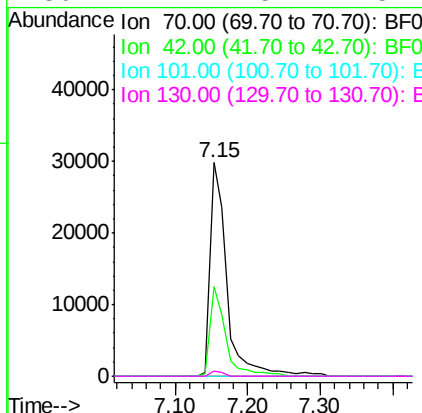




#19
n-Nitroso-di-n-propylamine
Concen: 4.01 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088359.D
Acq: 25 Jun 2016 5:19

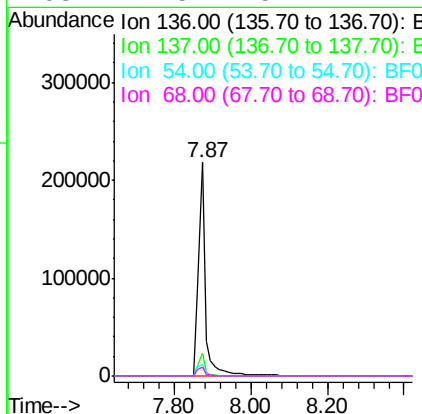
Instrument :
BNA_F
ClientSampleId :
PB91593TB

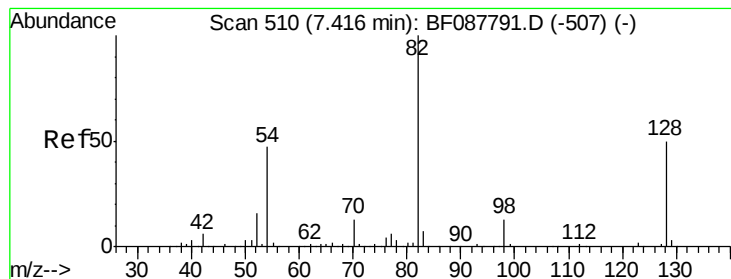
Tgt Ion: 70 Resp: 47654
Ion Ratio Lower Upper
70 100
42 42.2 49.6 74.4#
101 0.0 7.1 10.7#
130 2.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088359.D
Acq: 25 Jun 2016 5:19

Tgt Ion: 136 Resp: 278216
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.3 6.6 10.0#
68 4.5 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 80.65 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

Instrument :

BNA_F

ClientSampleId :

PB91593TB

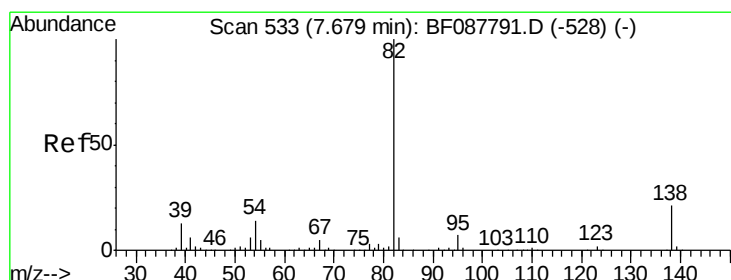
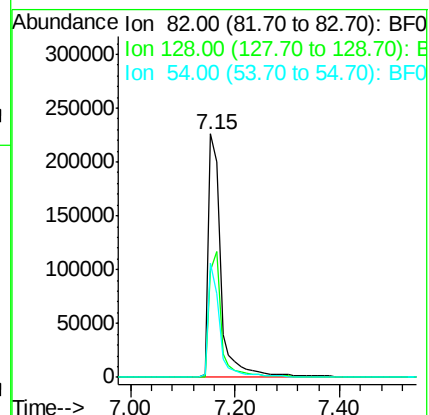
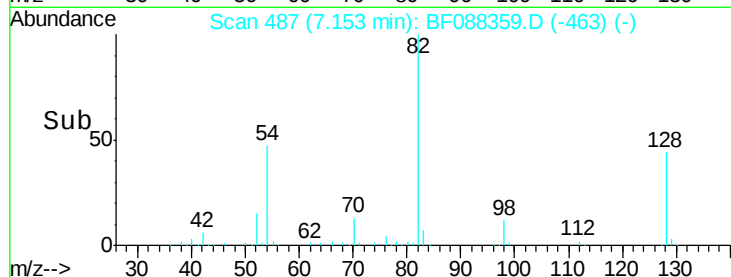
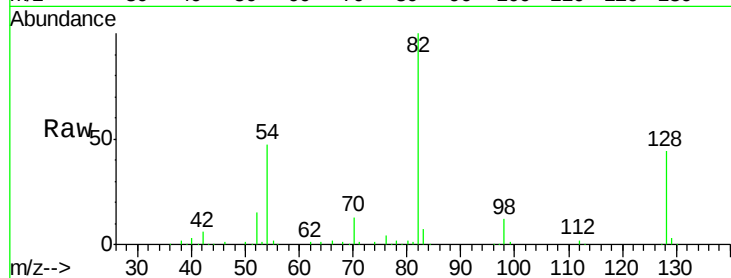
Tgt Ion: 82 Resp: 384258

Ion Ratio Lower Upper

82 100

128 44.0 35.9 53.9

54 47.0 40.9 61.3



#25

Isophorone

Concen: 43.91 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

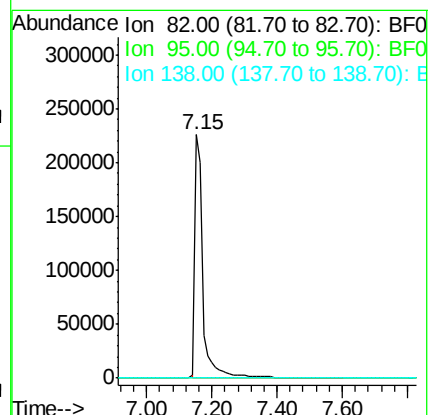
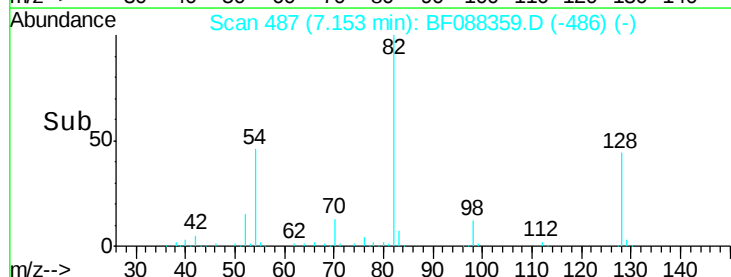
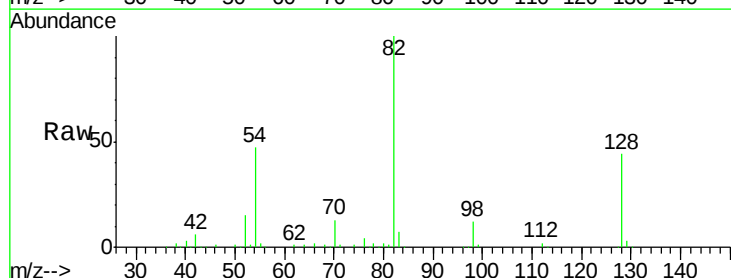
Tgt Ion: 82 Resp: 387509

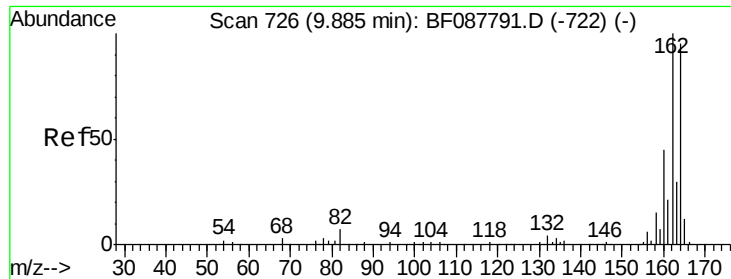
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

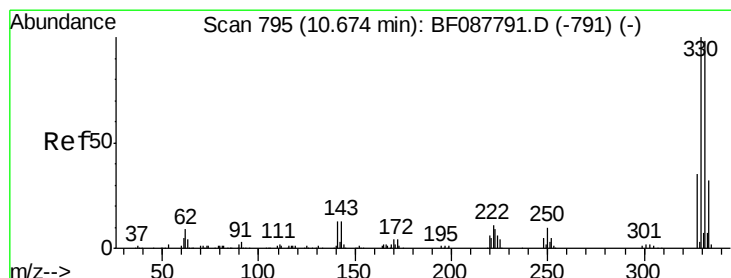
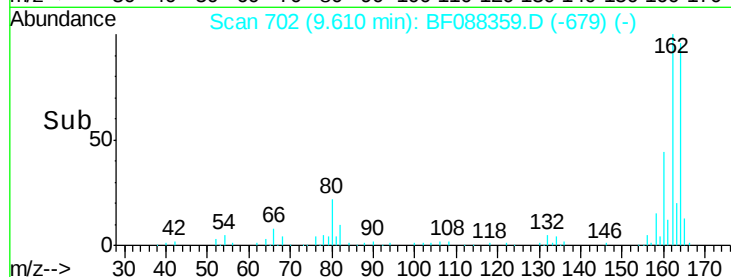
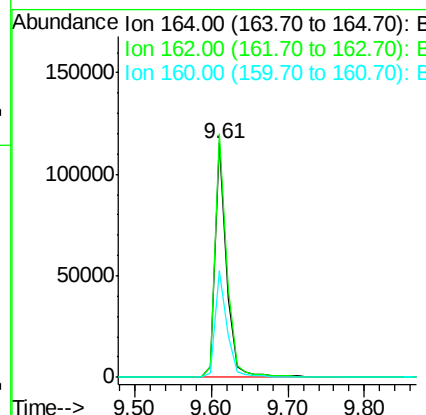
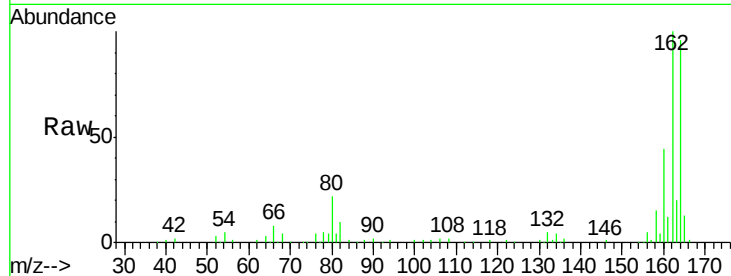




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

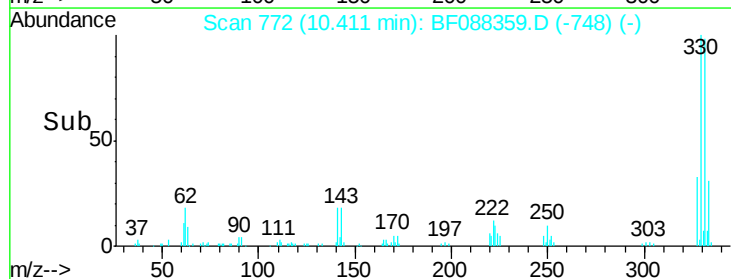
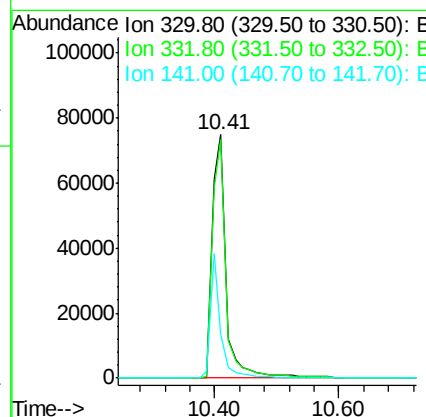
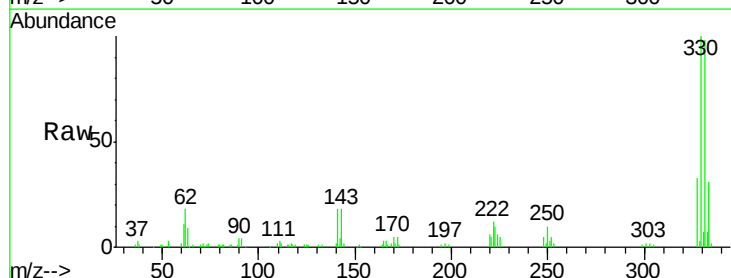
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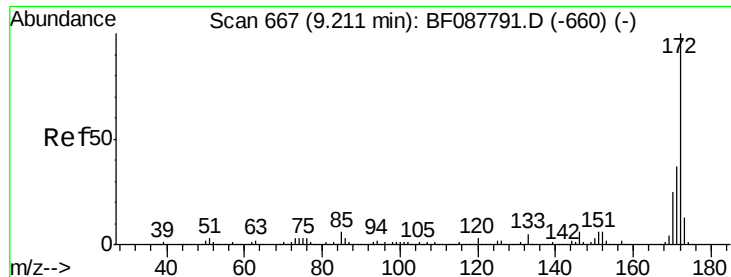
Tgt Ion:164 Resp: 118964
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 45.7 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 91.95 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Tgt Ion:330 Resp: 115496
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.4 0.0 0.0#

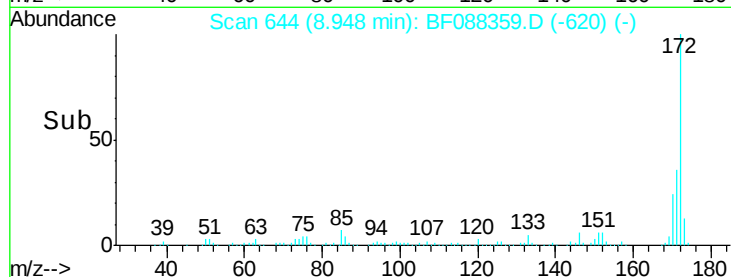
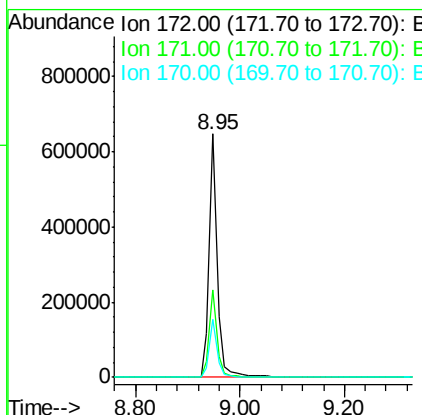
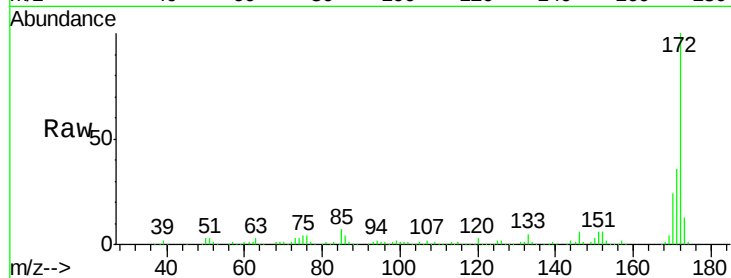




#44
 2-Fluorobiphenyl
 Concen: 93.40 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

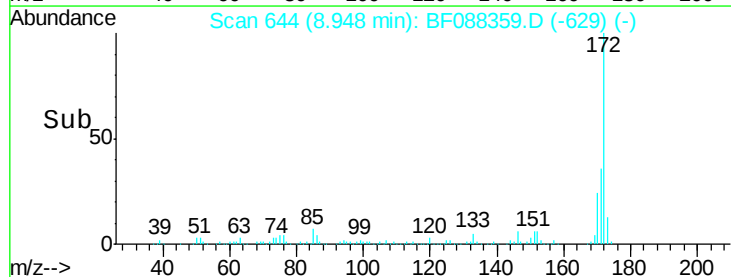
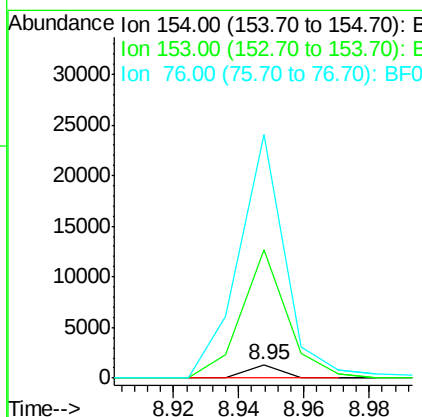
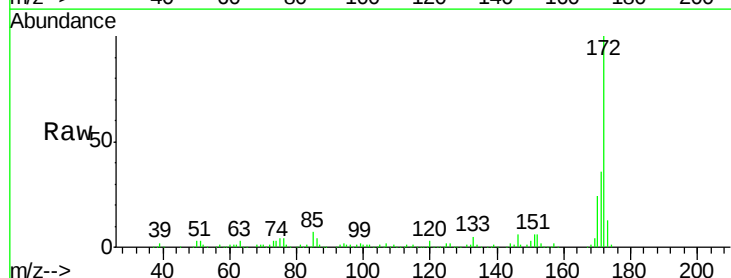
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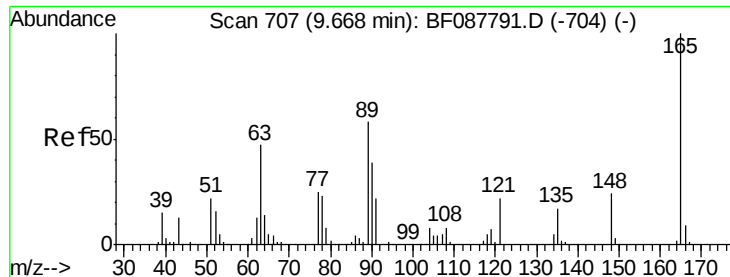
Tgt Ion:172 Resp: 703139
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.9 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.95 min Scan# 644
 Delta R.T. -0.13 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Tgt Ion:154 Resp: 926
 Ion Ratio Lower Upper
 154 100
 153 939.6 20.6 60.6#
 76 1780.7 0.0 35.1#

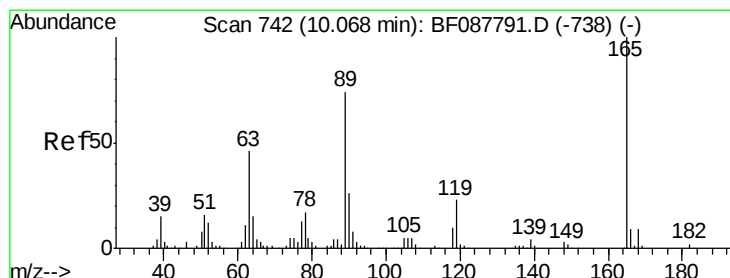
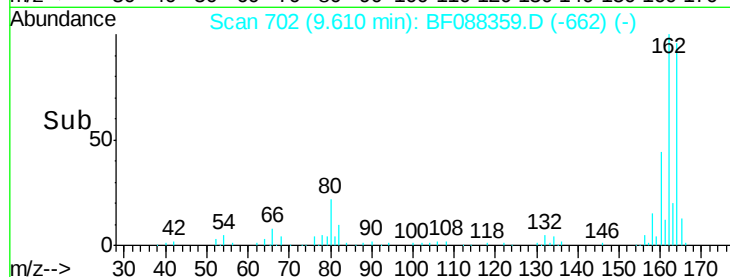
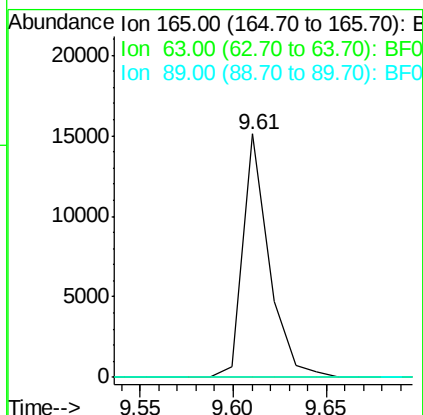
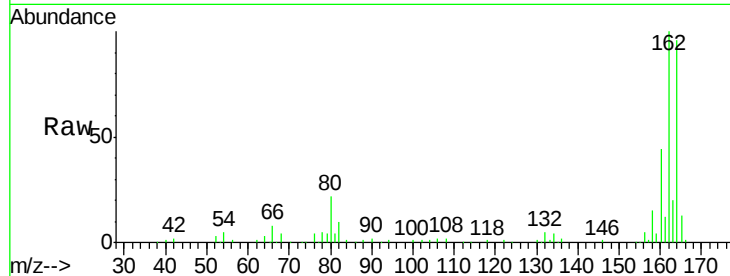




#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.16 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

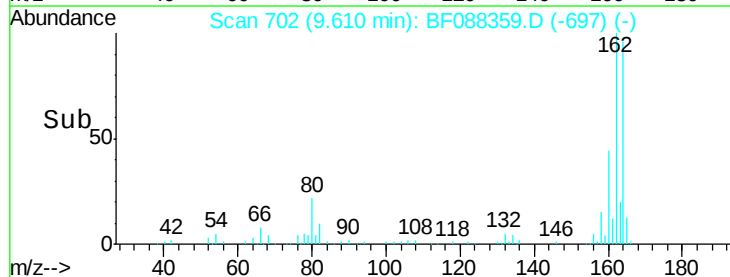
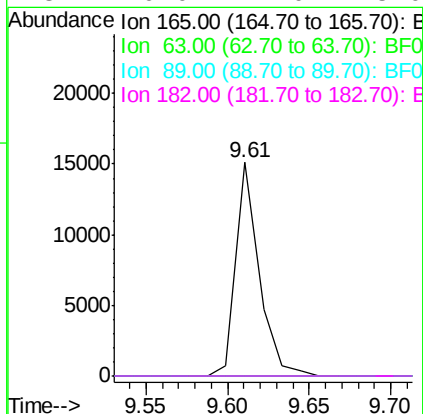
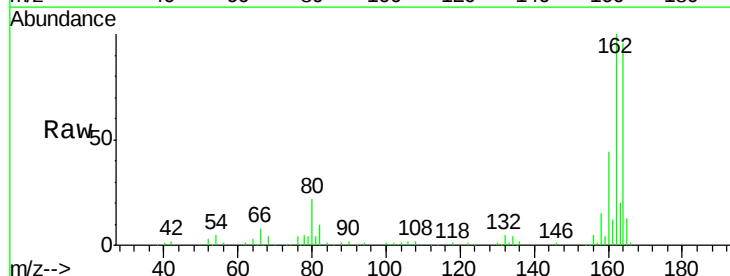
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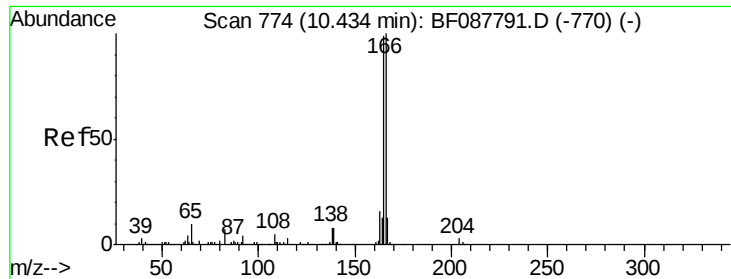
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.24 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

Instrument :

BNA_F

ClientSampleId :

PB91593TB

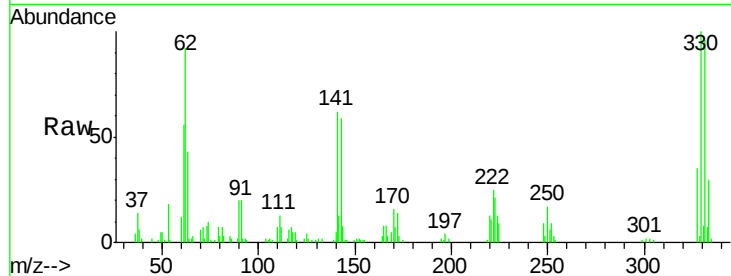
Tgt Ion:166 Resp: 4918

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

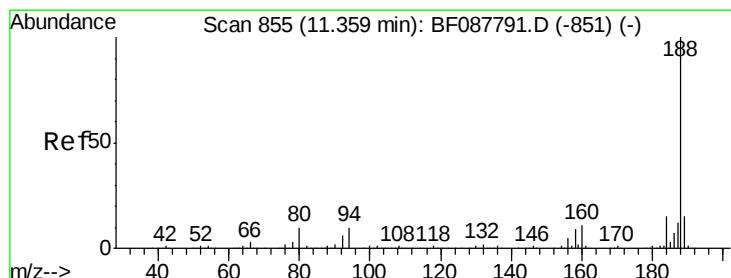
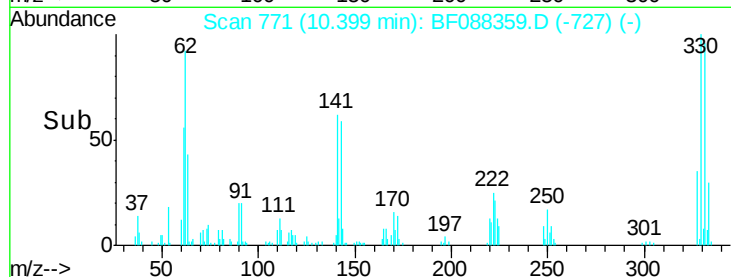
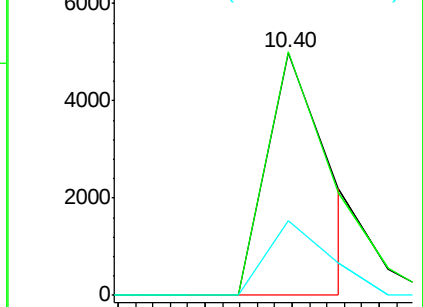
167 30.7 11.2 16.8#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF088359.D

Acq: 25 Jun 2016 5:19

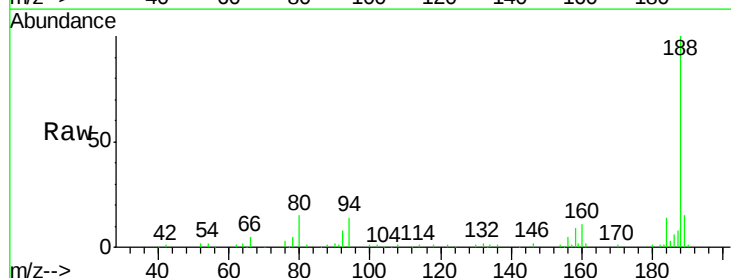
Tgt Ion:188 Resp: 184813

Ion Ratio Lower Upper

188 100

94 13.9 9.0 13.6#

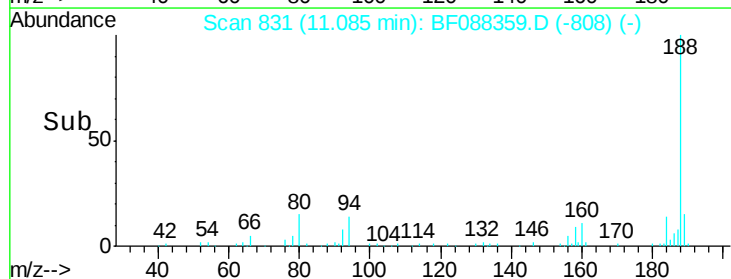
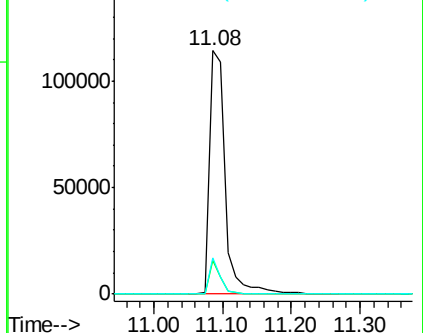
80 15.1 10.0 15.0#

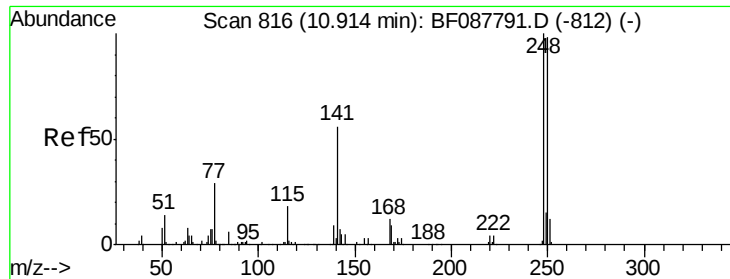


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

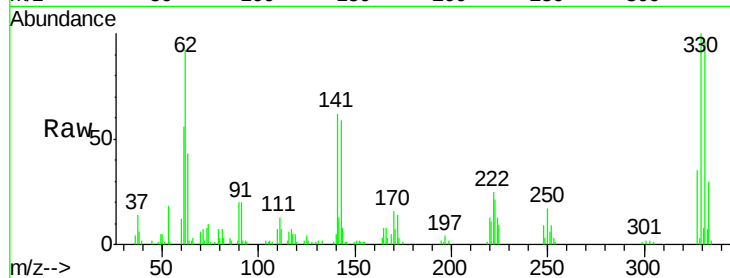




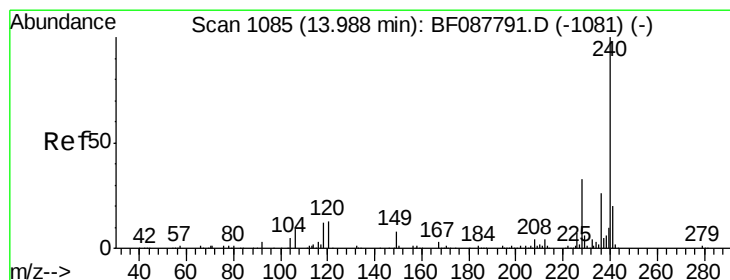
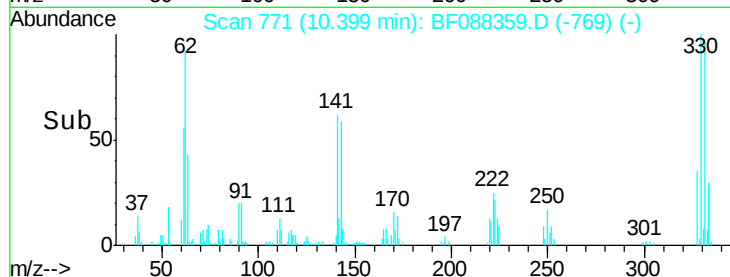
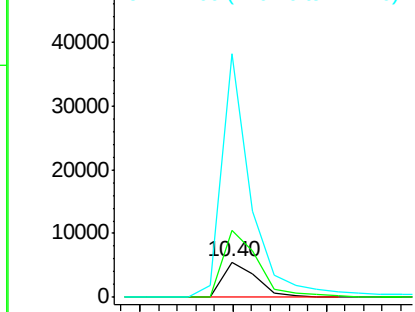
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF088359.D
Acq: 25 Jun 2016 5:19

Instrument :
BNA_F
ClientSampleId :
PB91593TB

Tgt Ion:248 Resp: 6920
Ion Ratio Lower Upper
248 100
250 189.8 77.1 115.7#
141 695.6 50.6 76.0#

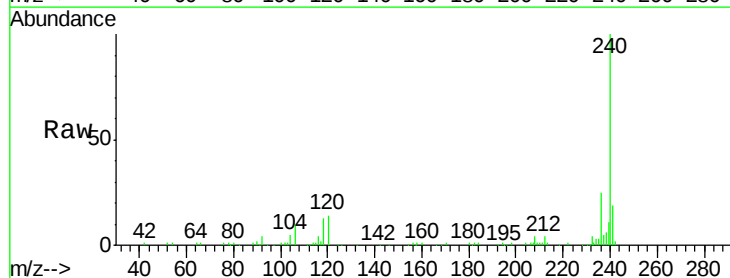


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

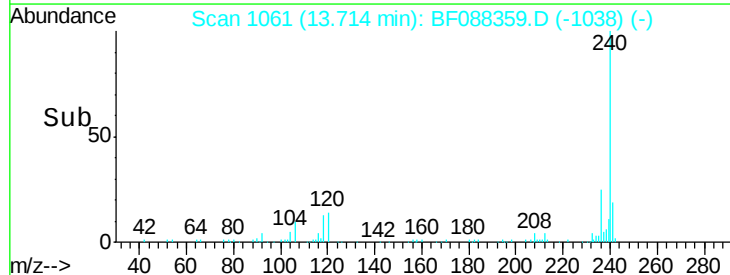
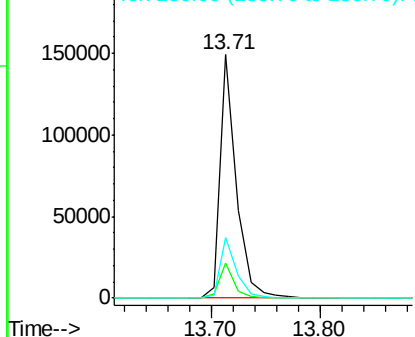


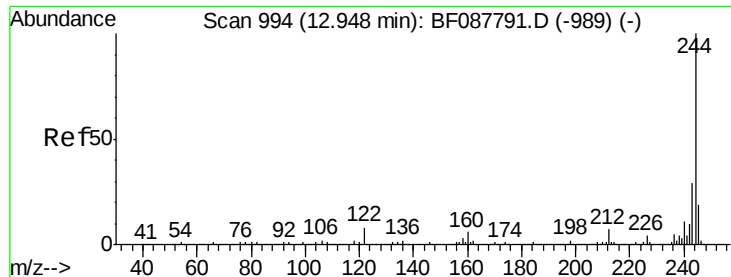
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088359.D
Acq: 25 Jun 2016 5:19

Tgt Ion:240 Resp: 154609
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 24.9 20.2 30.2



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

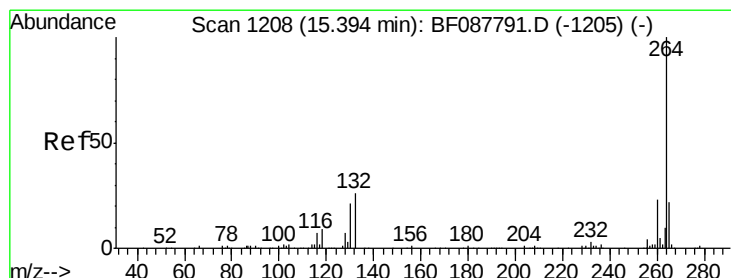
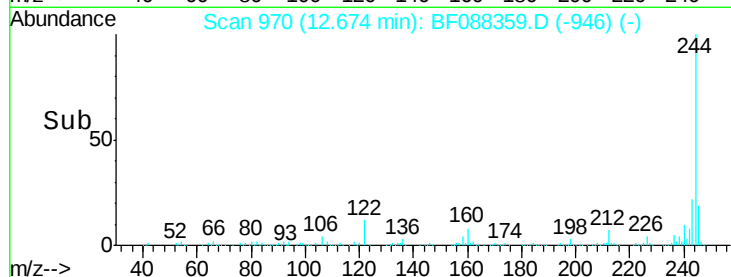
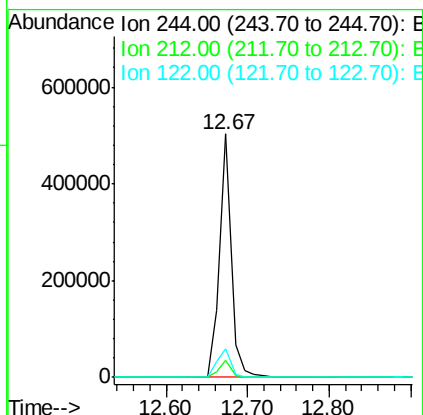
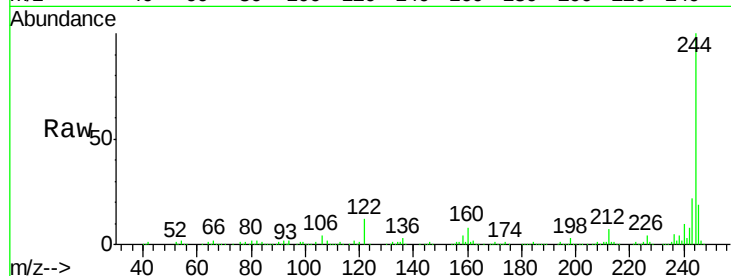




#78
 Terphenyl-d14
 Concen: 74.41 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB91593TB

Tgt Ion:244 Resp: 505578
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF088359.D
 Acq: 25 Jun 2016 5:19

Tgt Ion:264 Resp: 115235
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 16.9 25.3

