

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088151.D
 Acq On : 18 Jun 2016 23:55
 Operator : UM/SJ
 Sample : PB91406BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Quant Time: Jun 19 07:52:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

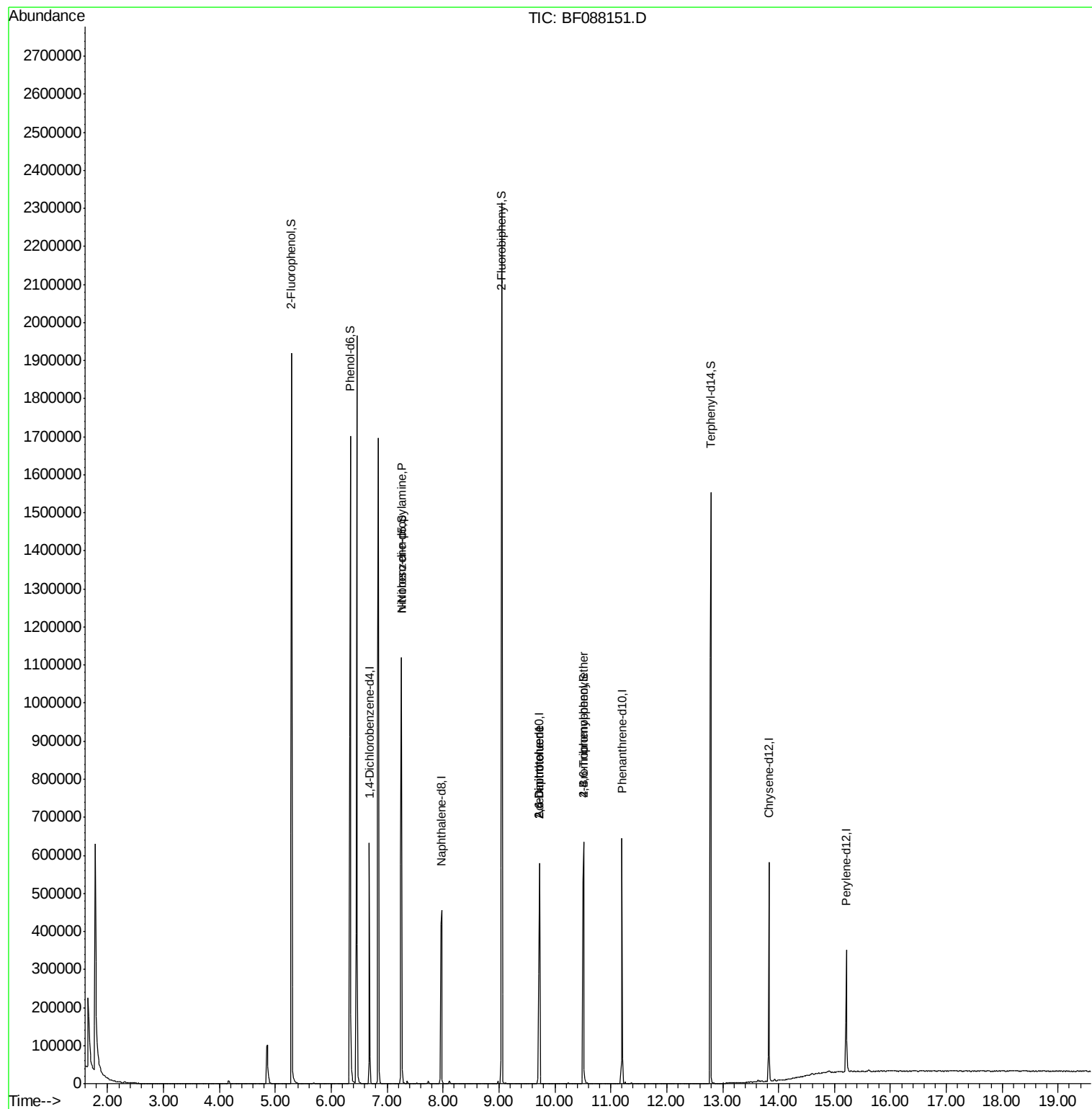
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92499	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	326275	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	135640	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	221109	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	181484	20.00	ng	-0.02
86) Perylene-d12	15.21	264	138021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	617397	114.11	ng	0.01
7) Phenol-d6	6.34	99	696117	106.16	ng	-0.01
23) Nitrobenzene-d5	7.26	82	432149	77.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	115489	80.64	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	748649	86.82	ng	-0.02
78) Terphenyl-d14	12.79	244	638214	80.02	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	788	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	55614	13.26	ng	# 70
45) 1,1'-Biphenyl	9.05	154	1372	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.72	165	17207	7.65	ng	# 37
56) 2,4-Dinitrotoluene	9.72	165	17207	5.95	ng	# 36
57) Fluorene	10.50	166	5441	Below Cal	#	86
66) 4-Bromophenyl-phenylether	10.51	248	7223	3.04	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# 446

Delta R.T. -0.01 min

Lab File: BF088151.D

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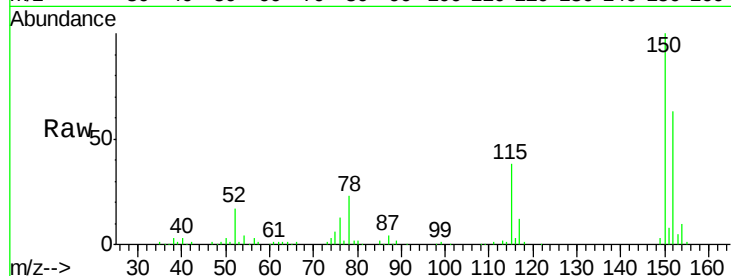
Tgt Ion:152 Resp: 92499

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

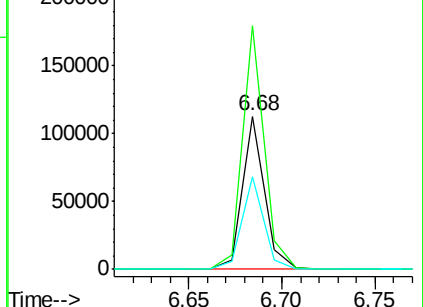
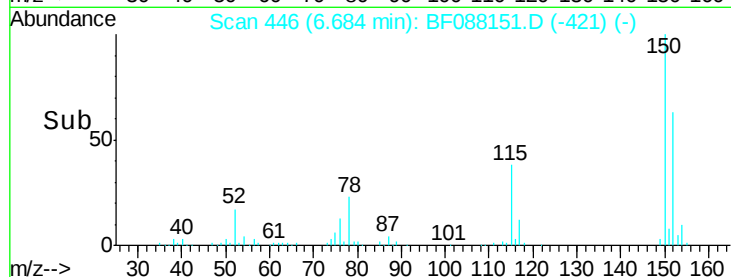
115 60.9 39.6 59.4#



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: 114.11 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

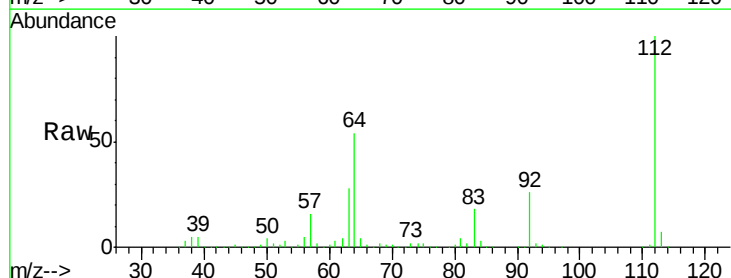
Tgt Ion:112 Resp: 617397

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

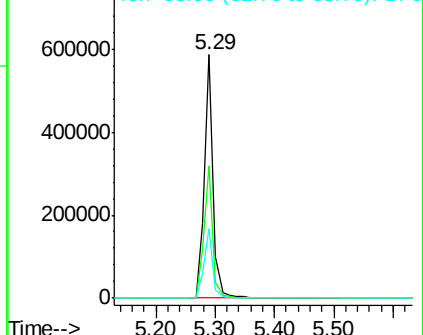
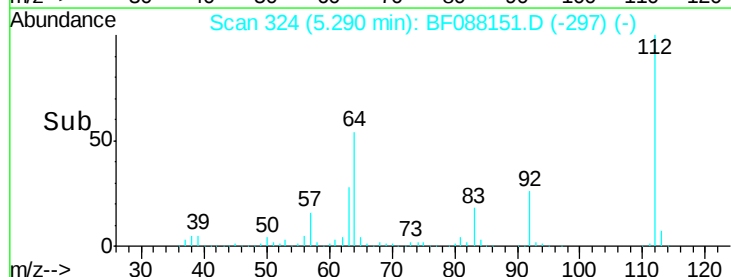
63 28.3 21.8 32.8

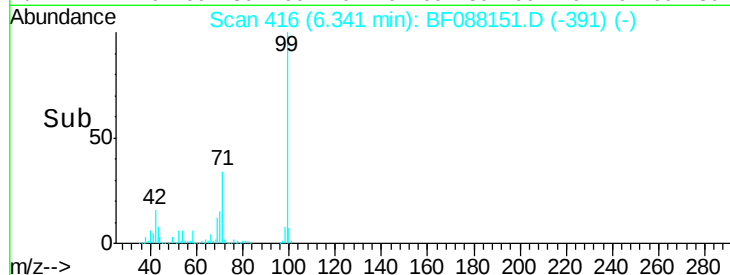
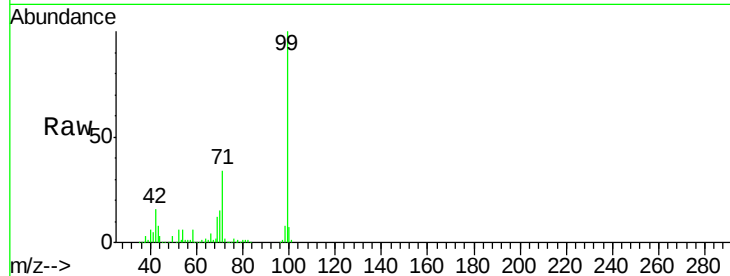


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.16 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

PB91406BL

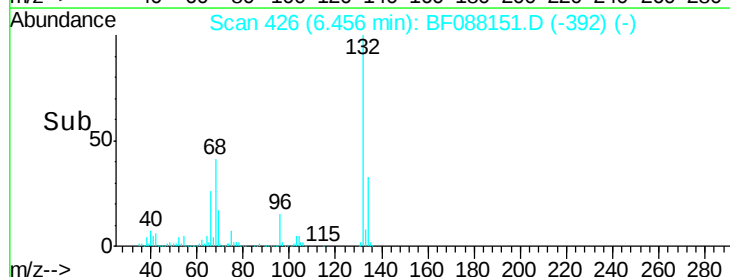
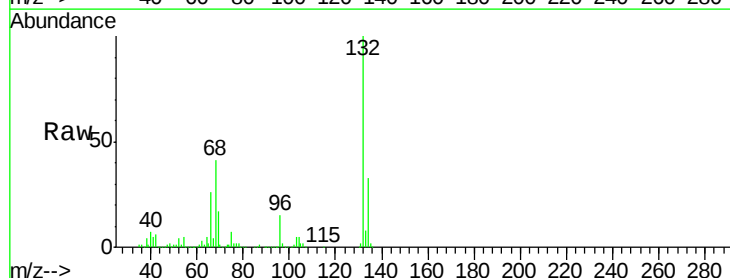
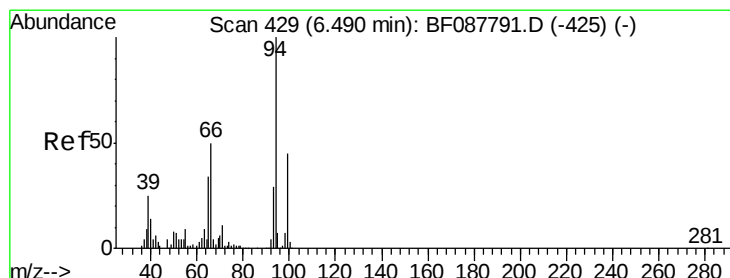
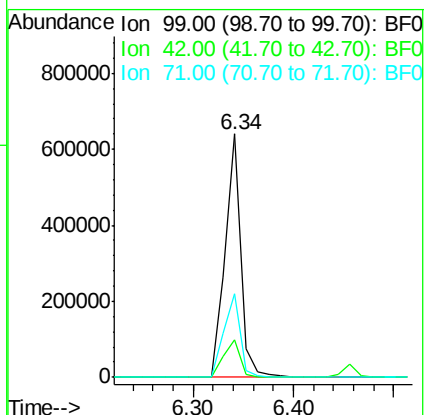
Tgt Ion: 99 Resp: 696117

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

71 34.1 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.46 min Scan# 426

Delta R.T. 0.09 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

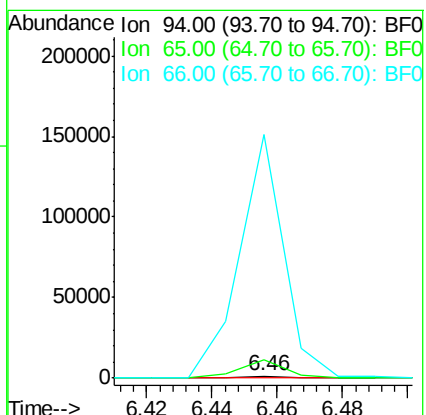
Tgt Ion: 94 Resp: 788

Ion Ratio Lower Upper

94 100

65 1012.5 5.9 45.9#

66 13162.4 14.0 54.0#

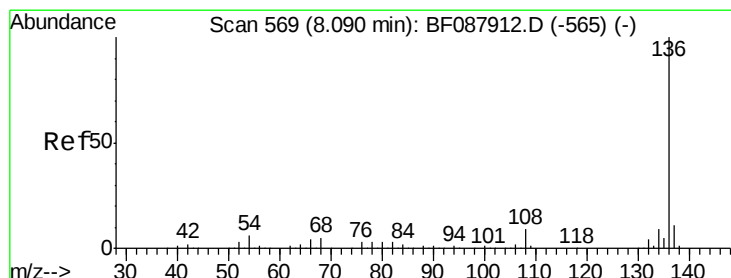
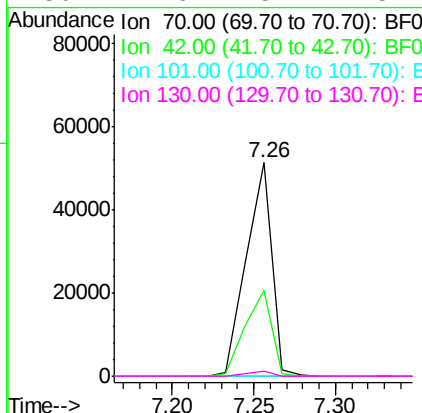
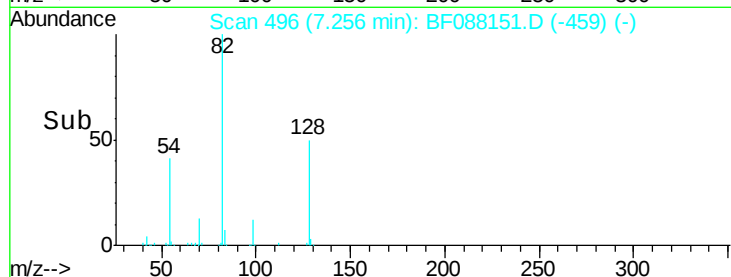
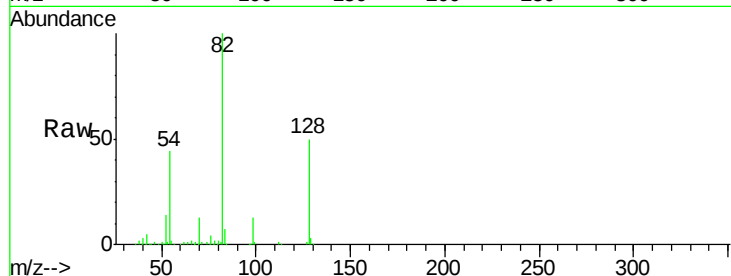




#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

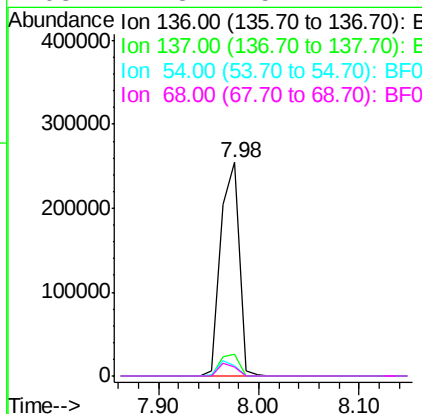
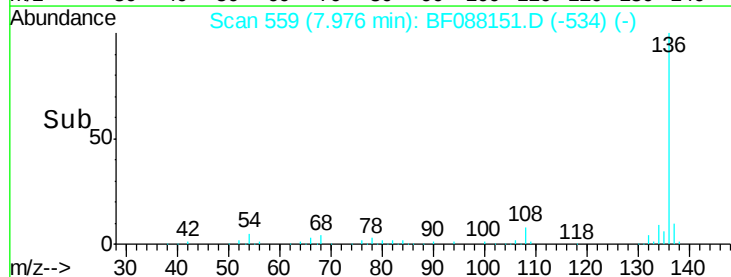
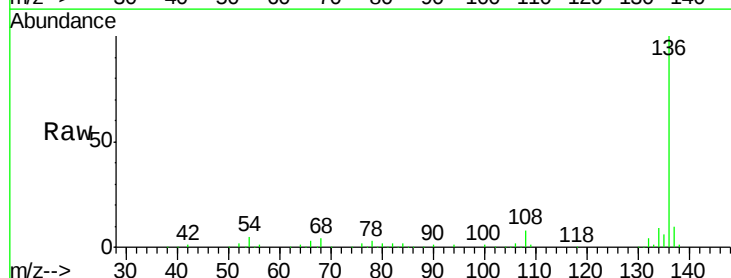
Instrument :
BNA_F
ClientSampleId :
PB91406BL

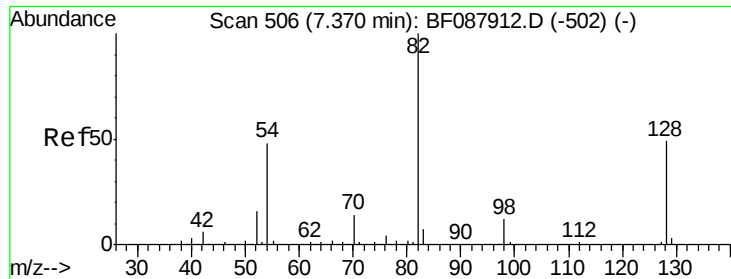
Tgt Ion: 70 Resp: 55614
Ion Ratio Lower Upper
70 100
42 40.0 49.6 74.4#
101 0.0 7.1 10.7#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Tgt Ion: 136 Resp: 326275
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 4.7 6.6 10.0#
68 4.3 5.1 7.7#

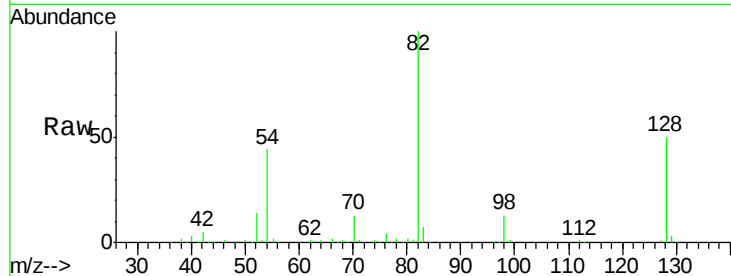




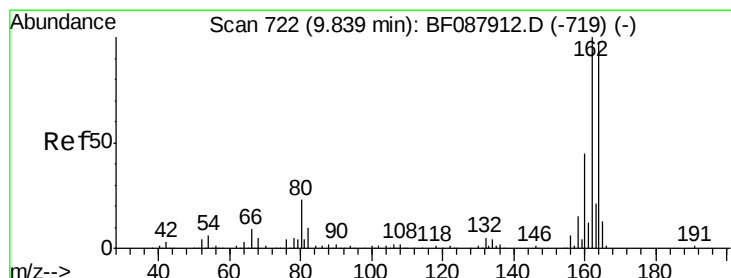
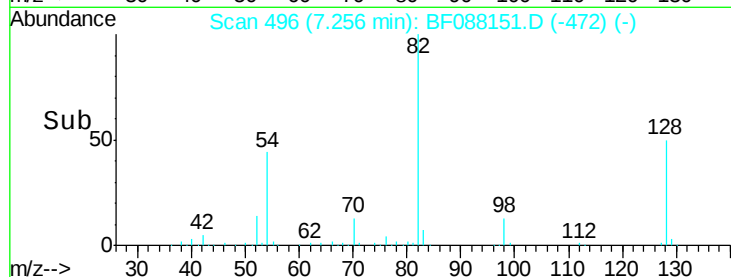
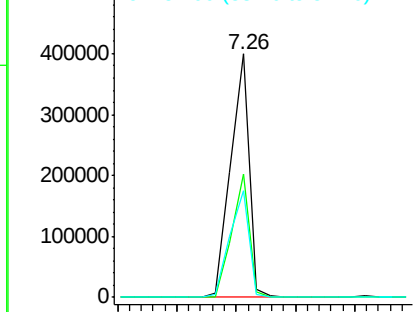
#23
 Nitrobenzene-d5
 Concen: 77.34 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Tgt Ion: 82 Resp: 432149
 Ion Ratio Lower Upper
 82 100
 128 50.4 35.9 53.9
 54 43.8 40.9 61.3

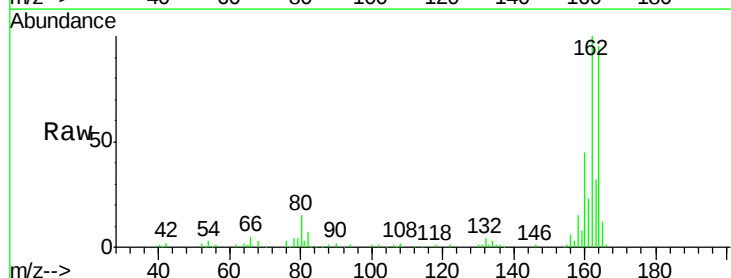


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

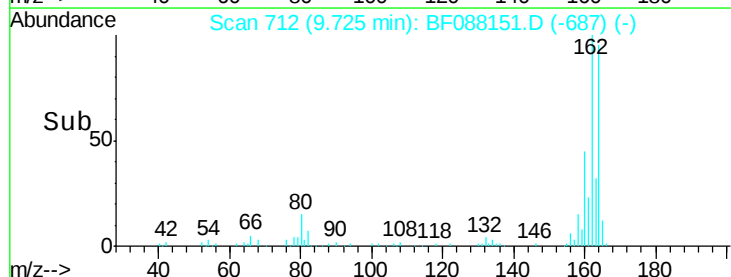
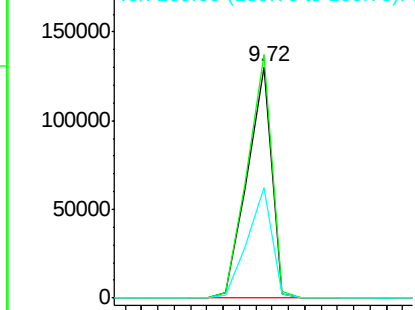


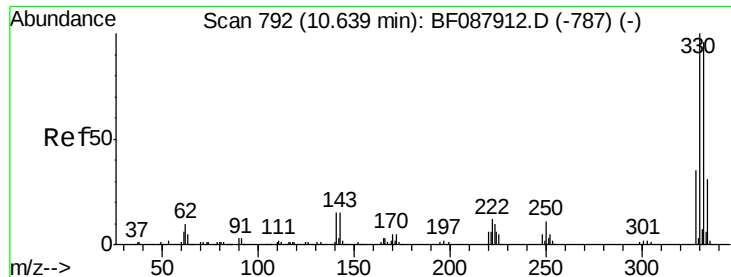
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Tgt Ion: 164 Resp: 135640
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.4 128.2
 160 47.6 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

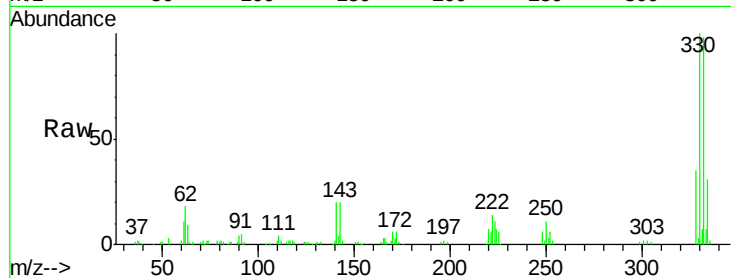




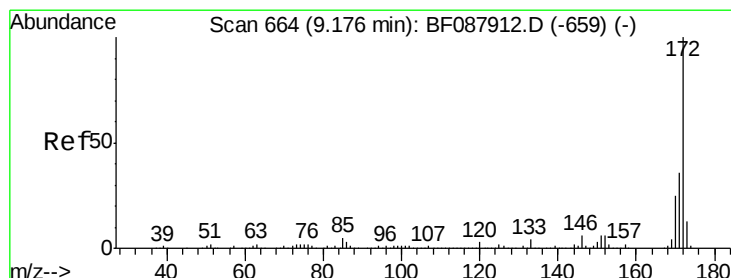
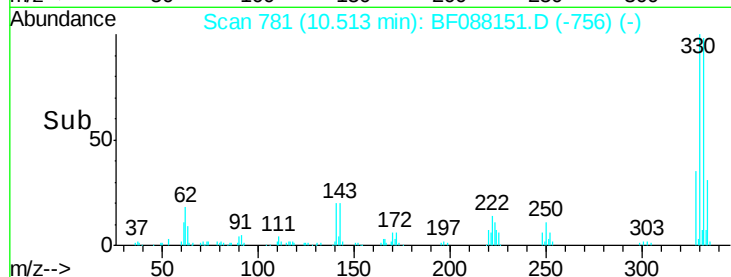
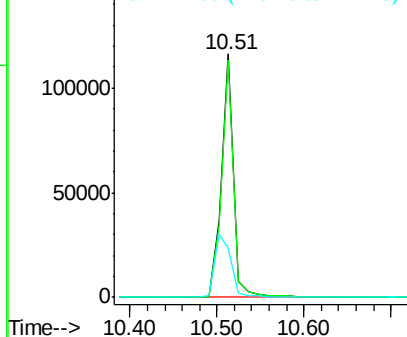
#41
 2,4,6-Tribromophenol
 Concen: 80.64 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.4	0.0	0.0#

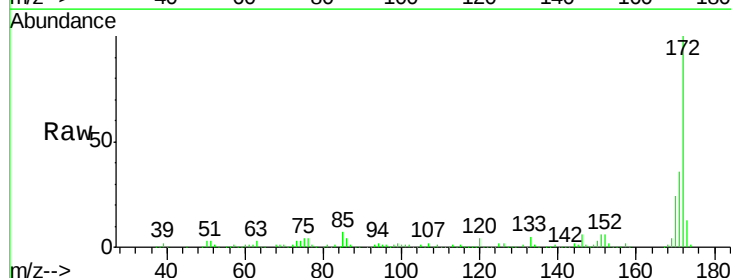


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

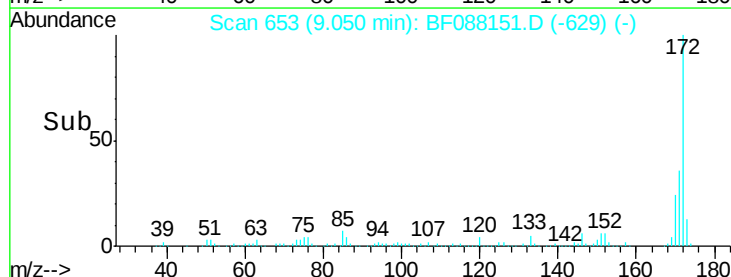
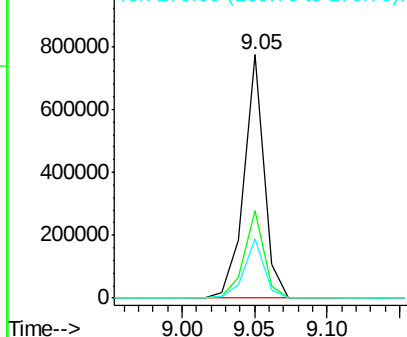


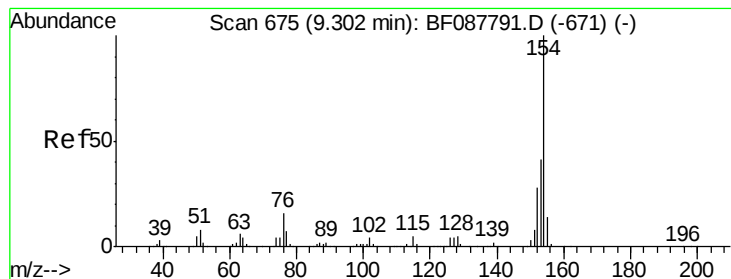
#44
 2-Fluorobiphenyl
 Concen: 86.82 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088151.D
 Acq: 18 Jun 2016 23:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.05 min Scan# 653

Delta R.T. -0.11 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Instrument :

BNA_F

ClientSampleId :

PB91406BL

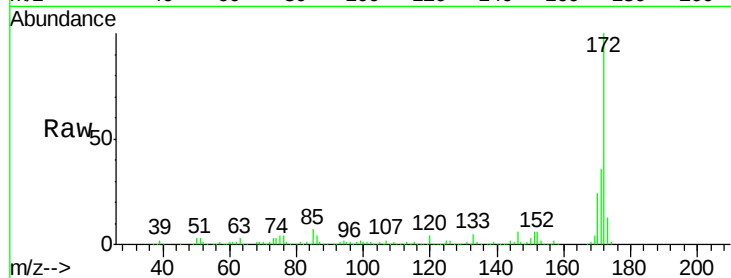
Tgt Ion:154 Resp: 1372

Ion Ratio Lower Upper

154 100

153 930.0 20.6 60.6#

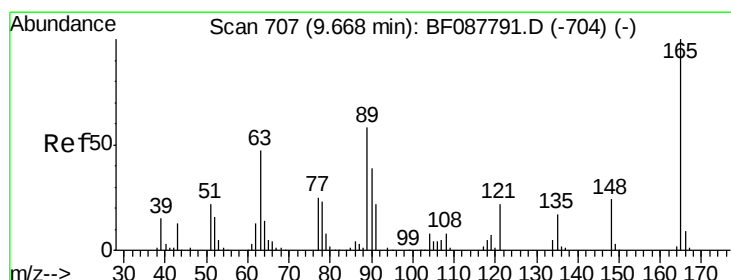
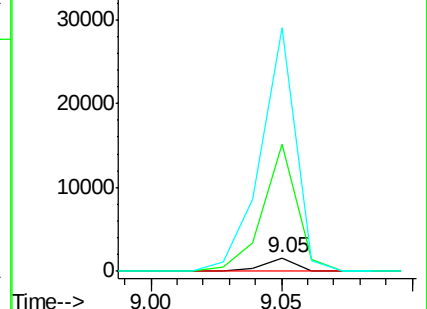
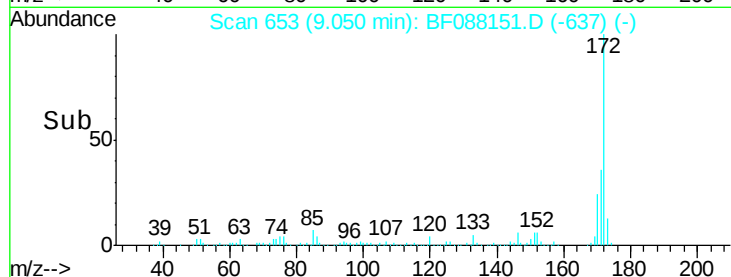
76 1789.4 0.0 35.1#



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



#50

2,6-Dinitrotoluene

Concen: 7.65 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.18 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

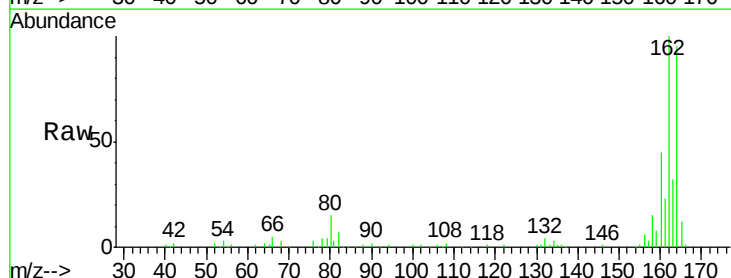
Tgt Ion:165 Resp: 17207

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

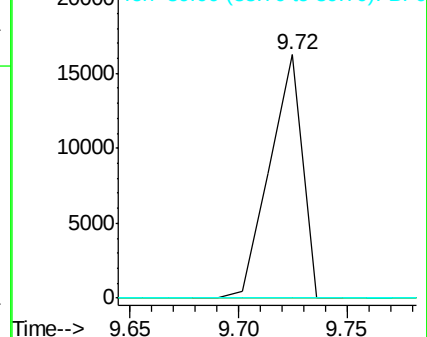
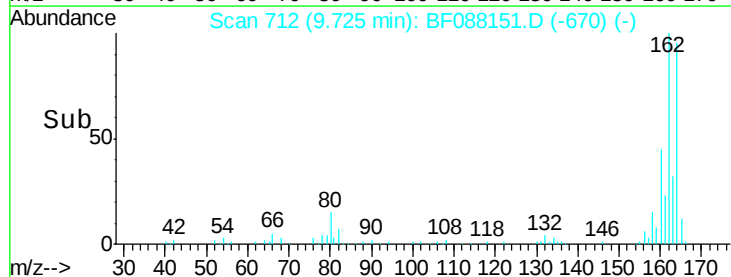
89 0.0 32.2 48.2#

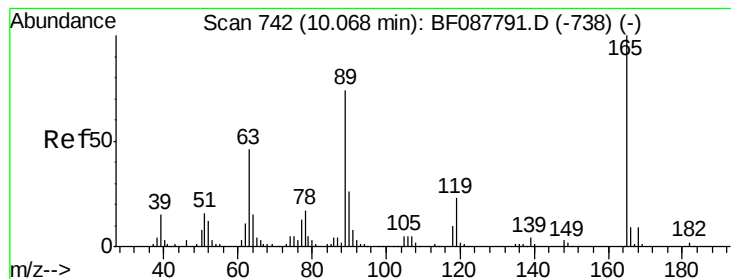


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.95 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

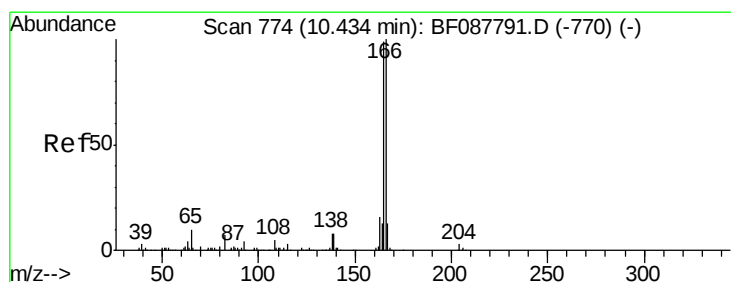
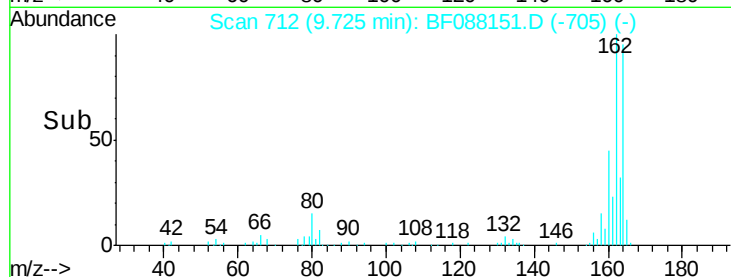
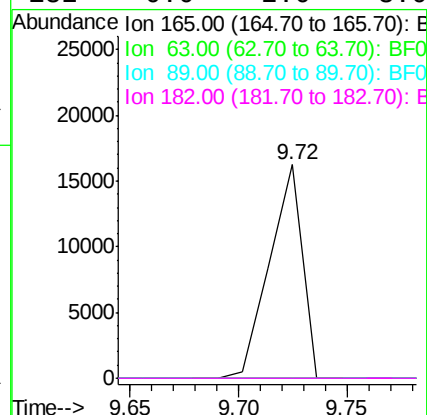
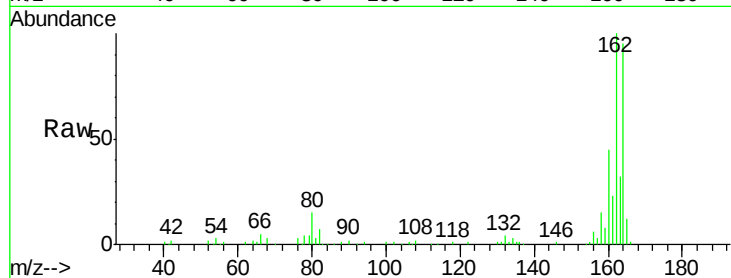
Instrument :

BNA_F

ClientSampleId :

PB91406BL

Tgt Ion:	165	Resp:	17207
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

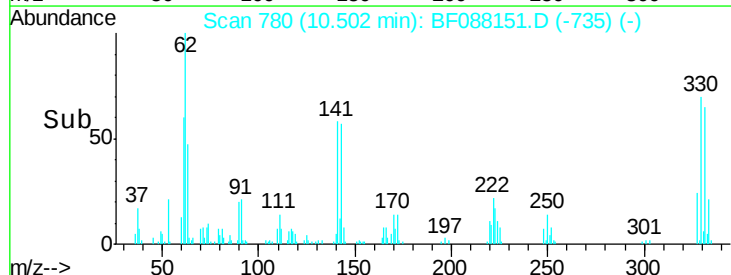
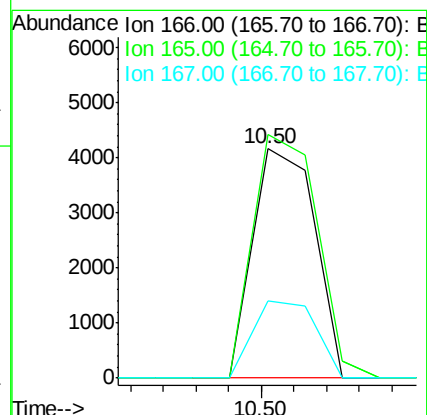
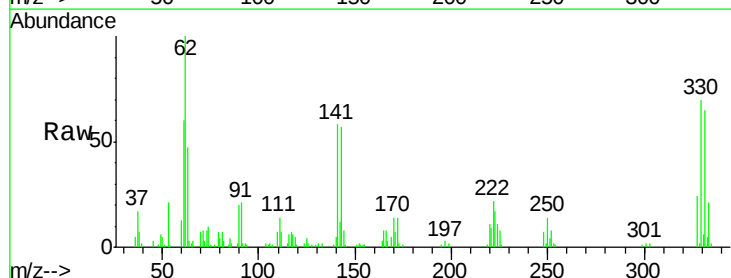
RT: 10.50 min Scan# 780

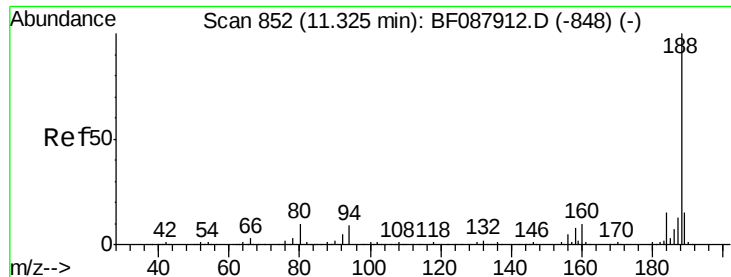
Delta R.T. 0.22 min

Lab File: BF088151.D

Acq: 18 Jun 2016 23:55

Tgt Ion:	166	Resp:	5441
Ion Ratio	Lower	Upper	
166	100		
165	106.2	77.8	116.8
167	33.4	11.2	16.8#

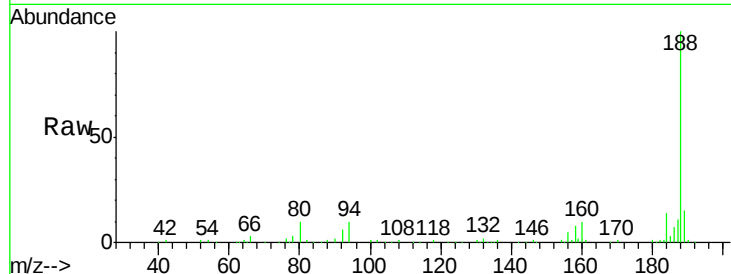




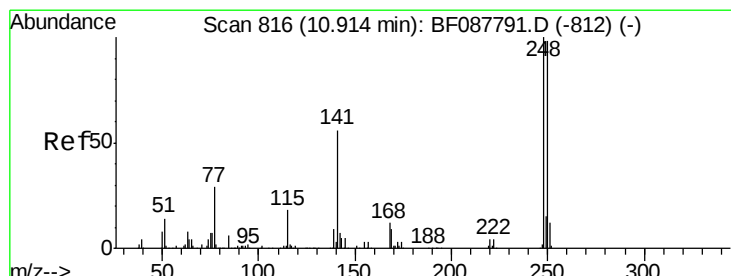
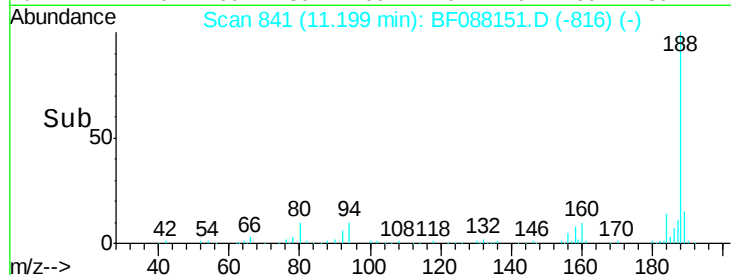
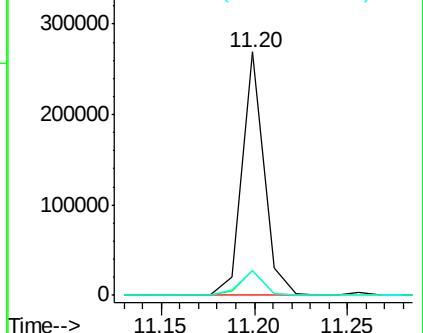
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Instrument :
BNA_F
ClientSampleId :
PB91406BL

Tgt Ion:188 Resp: 221109
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.1 10.0 15.0

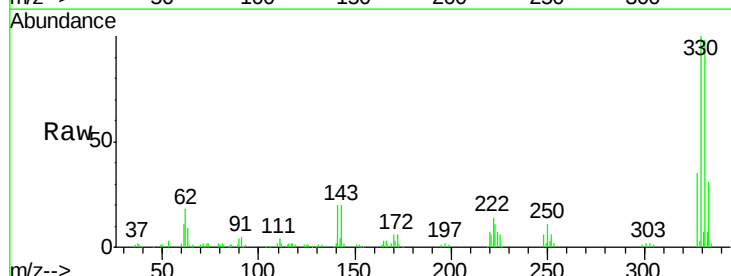


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

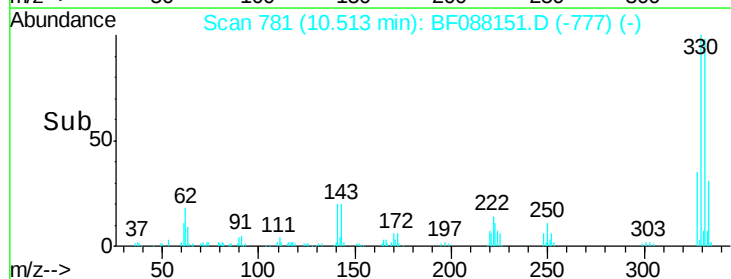
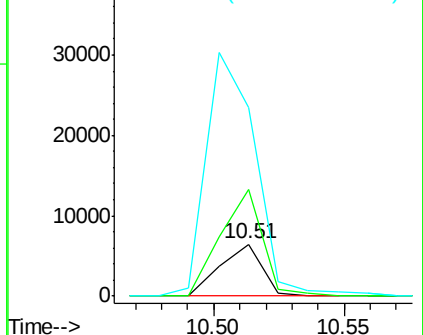


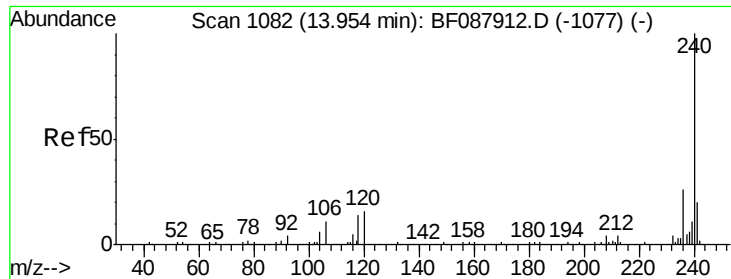
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Tgt Ion:248 Resp: 7223
Ion Ratio Lower Upper
248 100
250 205.3 77.1 115.7#
141 361.7 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

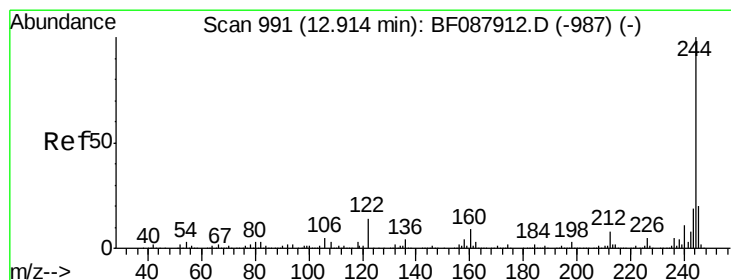
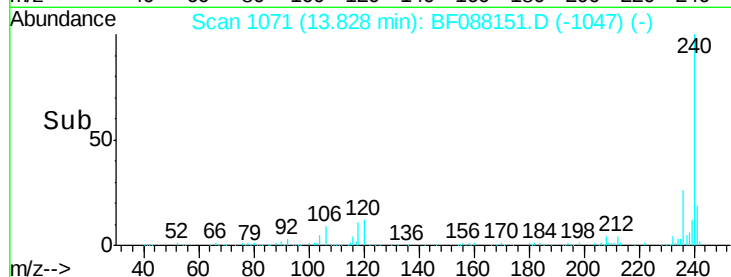
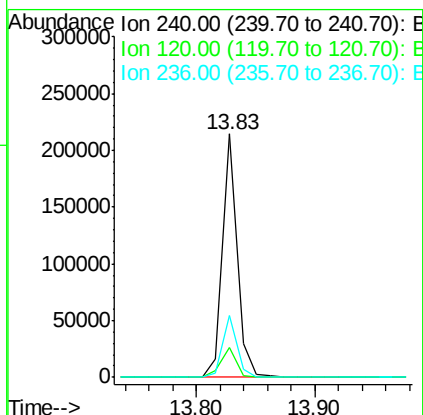
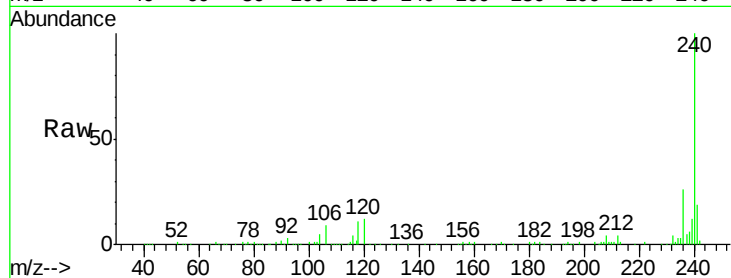




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

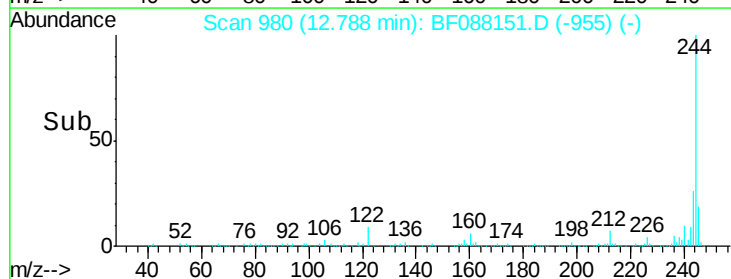
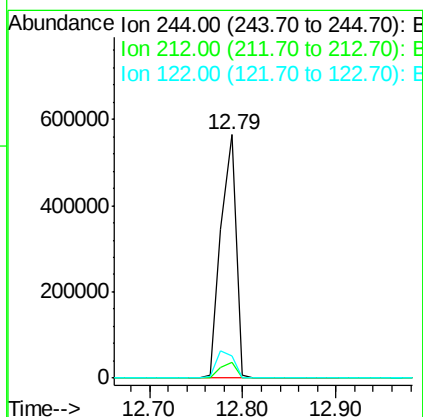
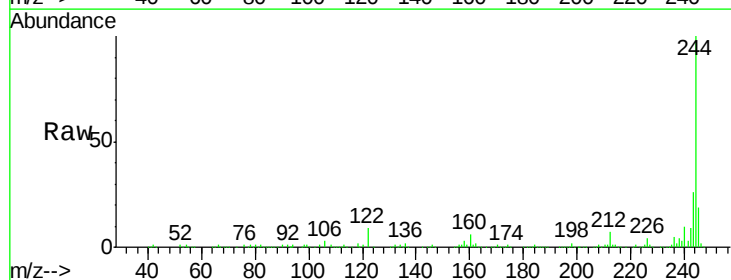
Instrument :
BNA_F
ClientSampleId :
PB91406BL

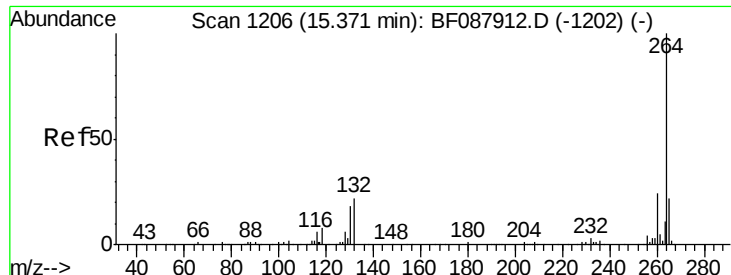
Tgt Ion:240 Resp: 181484
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.6 20.2 30.2



#78
Terphenyl-d14
Concen: 80.02 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Tgt Ion:244 Resp: 638214
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.9 11.2 16.8#

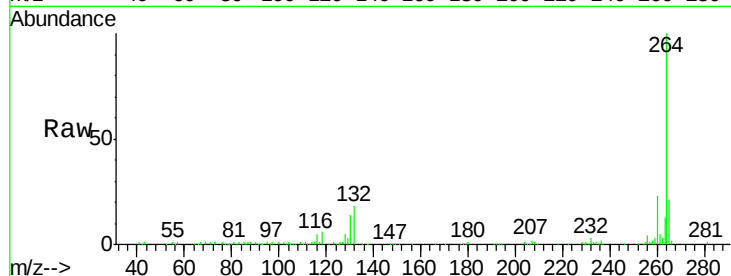




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088151.D
Acq: 18 Jun 2016 23:55

Instrument :
BNA_F
ClientSampleId :
PB91406BL

Tgt Ion: 264 Resp: 138021
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.3 16.9 25.3



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

