

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121715\
 Data File : BF083867.D
 Acq On : 17 Dec 2015 4:57
 Operator : UM/SJ
 Sample : G4775-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Quant Time: Dec 17 06:05:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

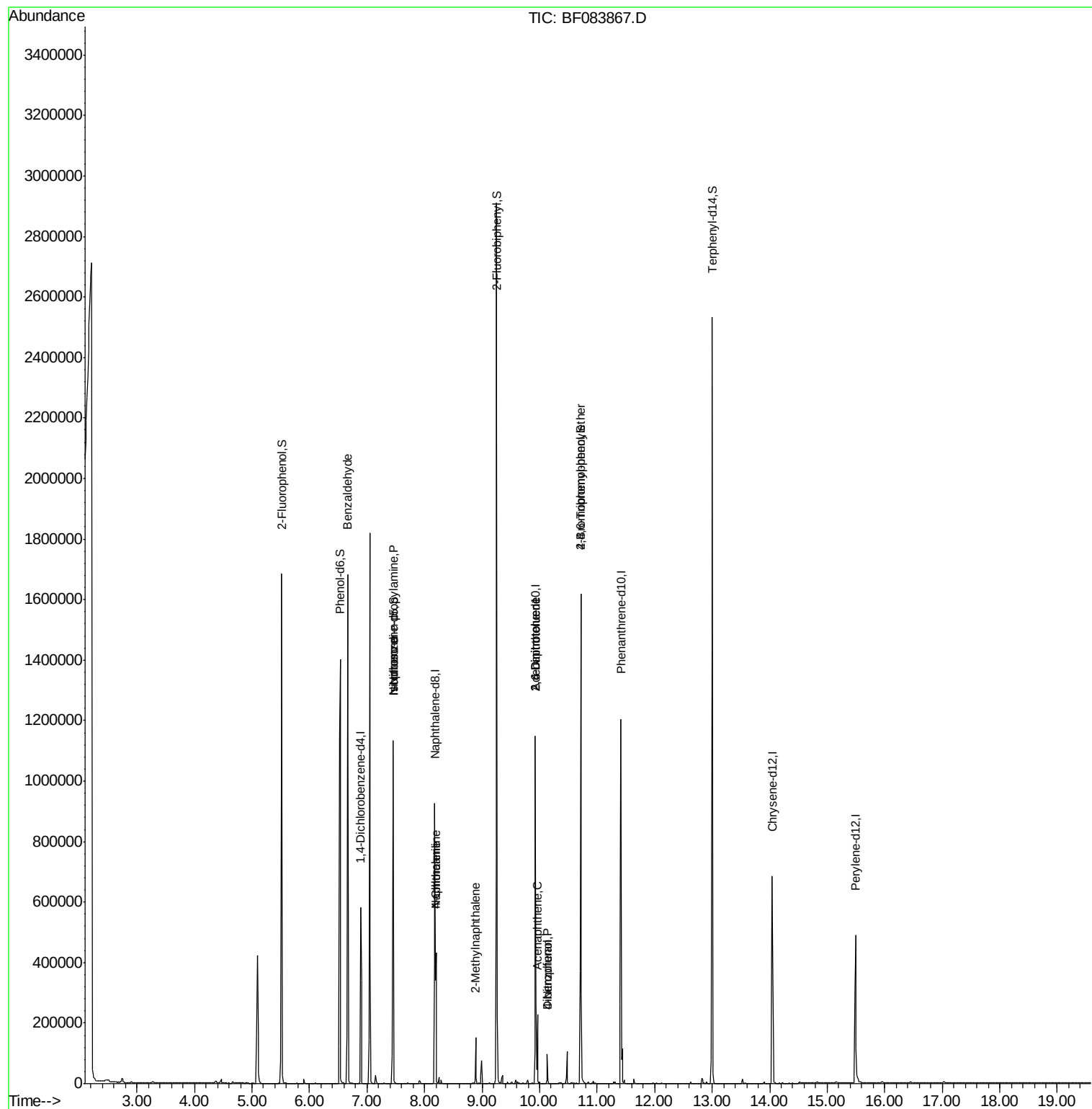
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108893	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	473469	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	224319	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	416962	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	270708	20.00	ng	-0.03
86) Perylene-d12	15.49	264	253691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	608782	90.19	ng	-0.01
7) Phenol-d6	6.53	99	722747	84.55	ng	-0.01
23) Nitrobenzene-d5	7.46	82	520097	61.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	202301	88.50	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	898777	52.72	ng	-0.03
78) Terphenyl-d14	13.00	244	923712	73.40	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	13297	2.90	ng	96
19) n-Nitroso-di-n-propylamine	7.46	70	69852	13.35	ng	# 65
25) Isophorone	7.46	82	496947	29.93	ng	# 69
31) Naphthalene	8.20	128	272470	11.04	ng	99
33) 4-Chloroaniline	8.20	127	37170	3.69	ng	# 32
37) 2-Methylnaphthalene	8.89	142	40707	2.63	ng	98
50) 2,6-Dinitrotoluene	9.93	165	28961	7.80	ng	# 17
51) Acenaphthene	9.96	154	49937	3.35	ng	99
54) Dibenzofuran	10.13	168	39666	2.01	ng	98
55) 4-Nitrophenol	10.13	139	14865	4.69	ng	# 5
56) 2,4-Dinitrotoluene	9.93	165	28963	5.97	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	13793	2.96	ng	# 1

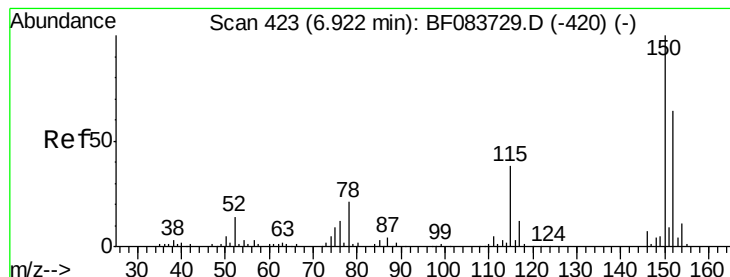
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083867.D

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Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

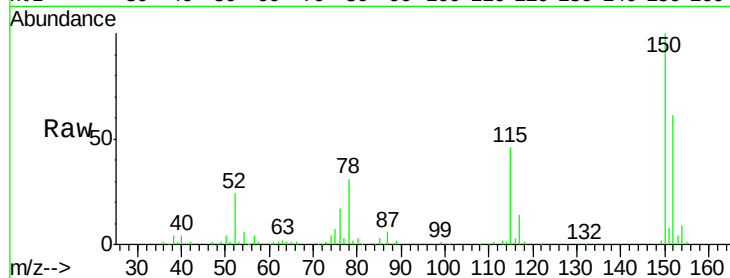
Tgt Ion:152 Resp: 108893

Ion Ratio Lower Upper

152 100

150 164.2 126.5 189.7

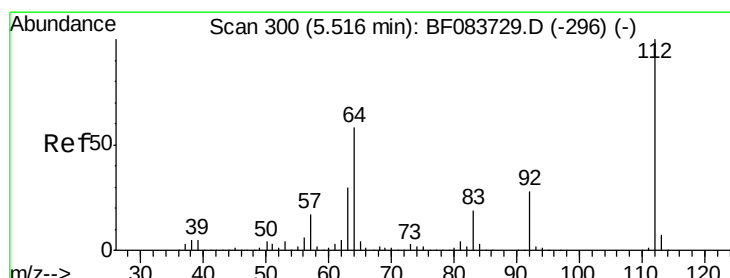
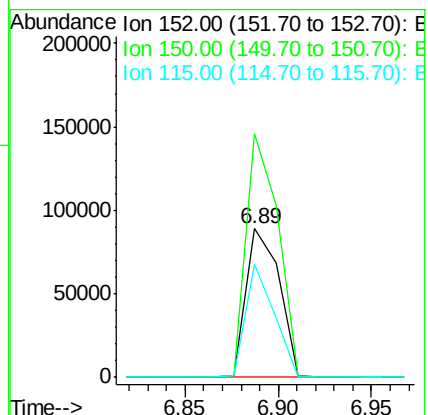
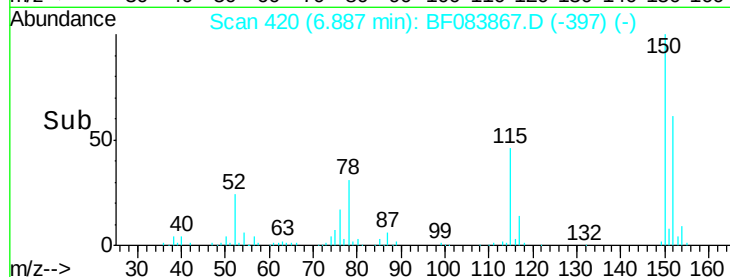
115 76.0 52.3 78.5



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: 90.19 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083867.D

Acq: 17 Dec 2015 4:57

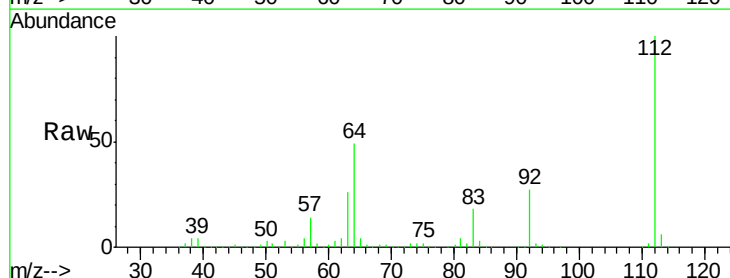
Tgt Ion:112 Resp: 608782

Ion Ratio Lower Upper

112 100

64 49.2 50.5 75.7#

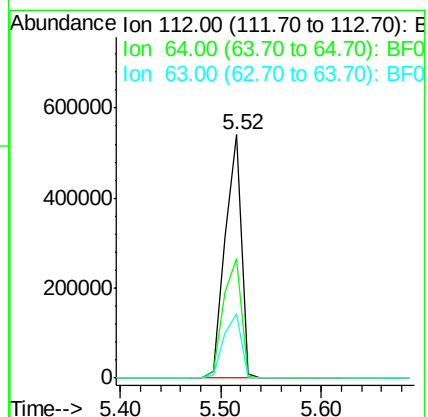
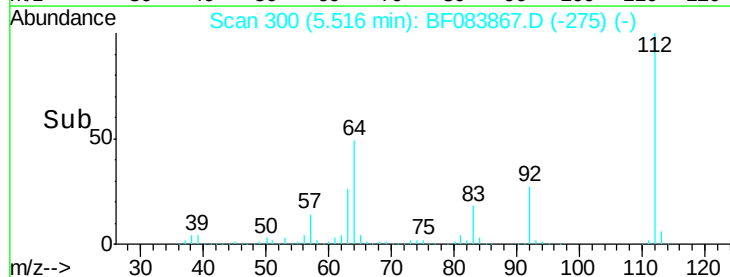
63 26.3 25.8 38.6

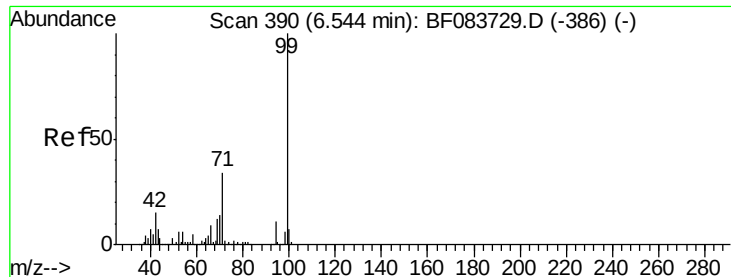


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.55 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083867.D

Acq: 17 Dec 2015 4:57

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-A-20150872

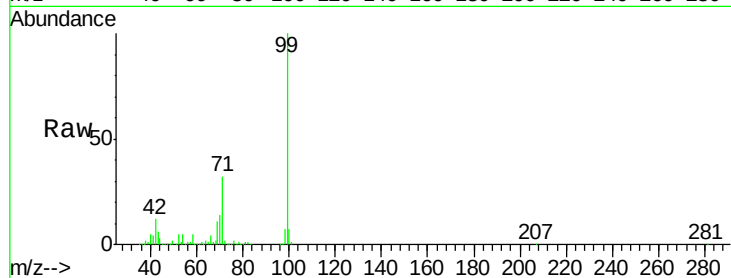
Tgt Ion: 99 Resp: 722747

Ion Ratio Lower Upper

99 100

42 11.7 17.3 25.9#

71 32.2 26.6 40.0



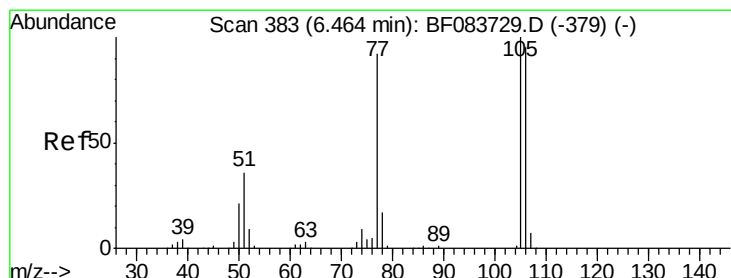
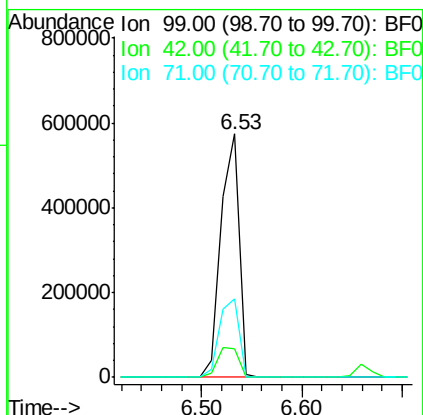
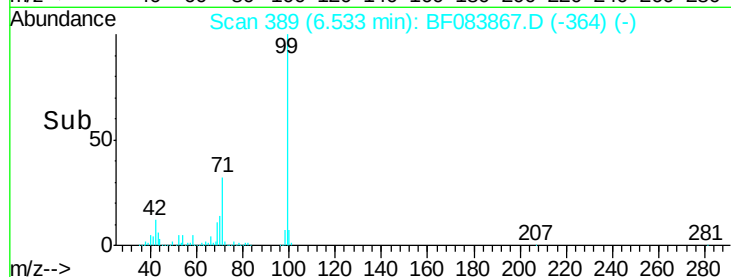
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.53

6.50 6.60



#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083867.D

Acq: 17 Dec 2015 4:57

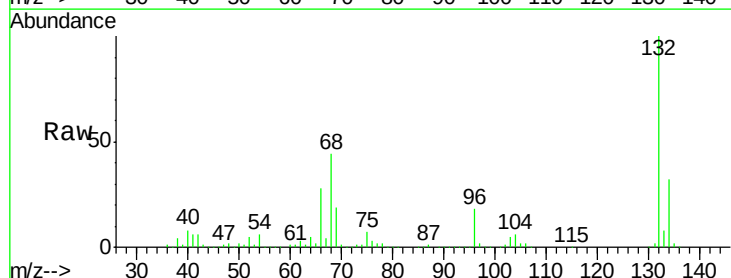
Tgt Ion: 77 Resp: 13297

Ion Ratio Lower Upper

77 100

105 85.9 71.8 111.8

106 86.0 66.8 106.8



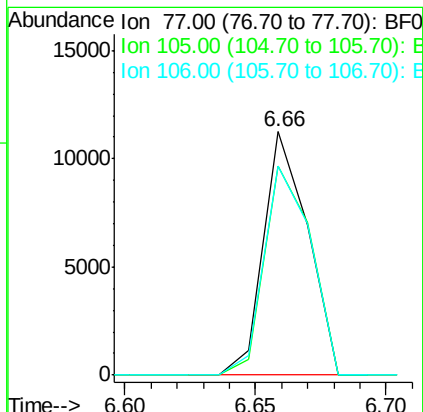
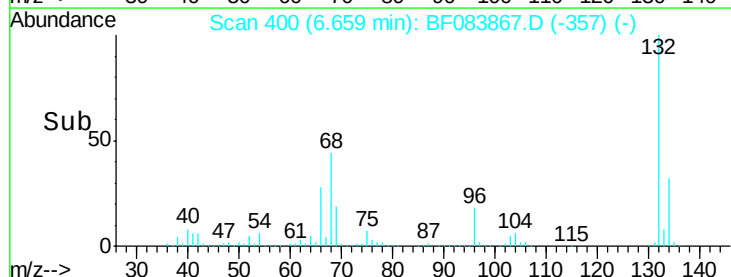
Abundance Ion 77.00 (76.70 to 77.70): BF0

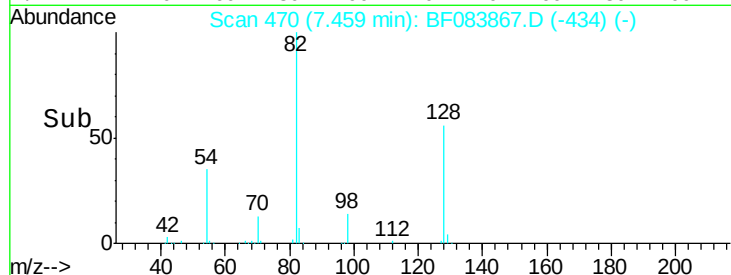
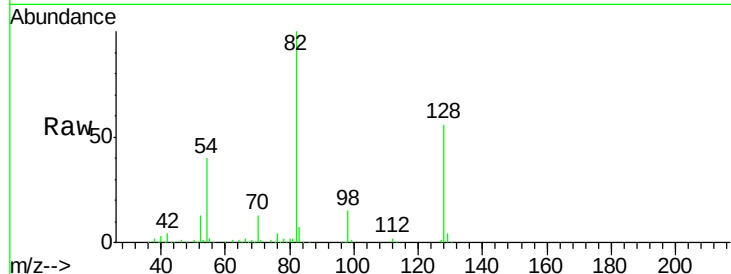
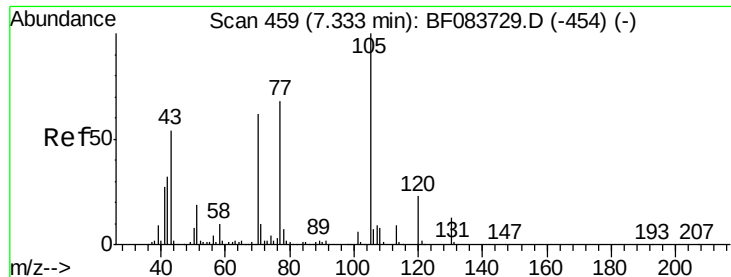
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.66

6.60 6.70

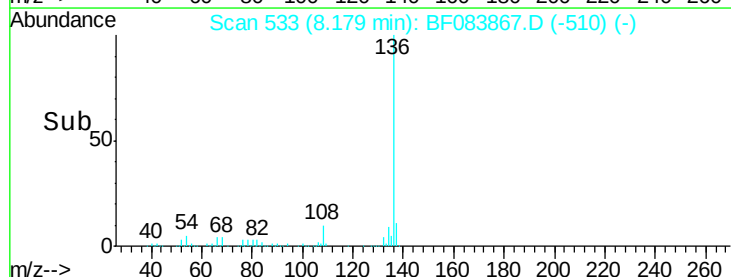
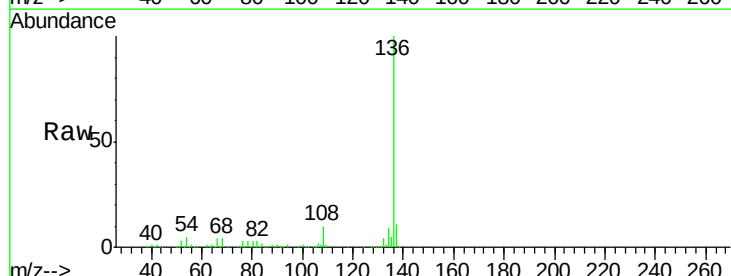
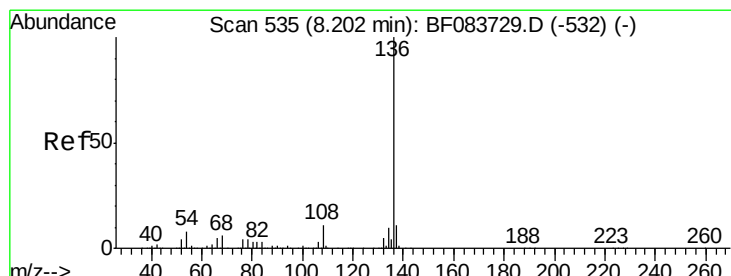
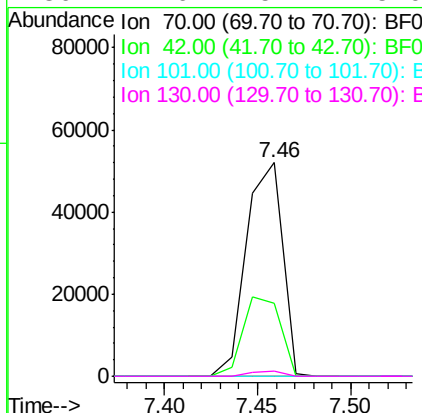




#19
n-Nitroso-di-n-propylamine
Concen: 13.35 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

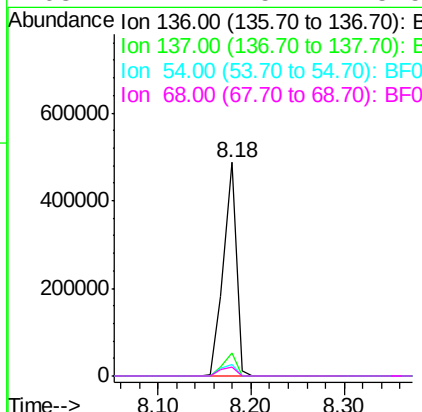
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

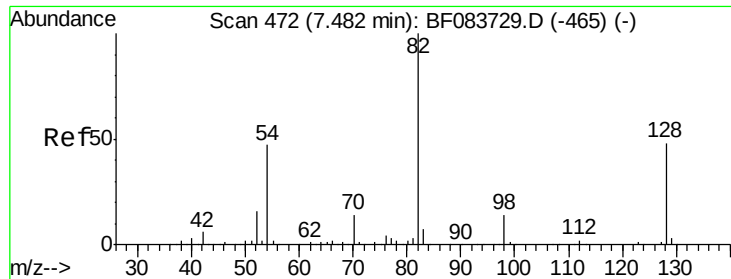
Tgt Ion: 70 Resp: 69852
Ion Ratio Lower Upper
70 100
42 33.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

Tgt Ion: 136 Resp: 473469
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.3 7.8 11.6#
68 4.4 5.7 8.5#

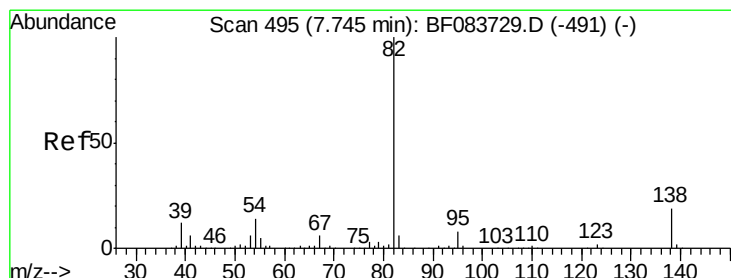
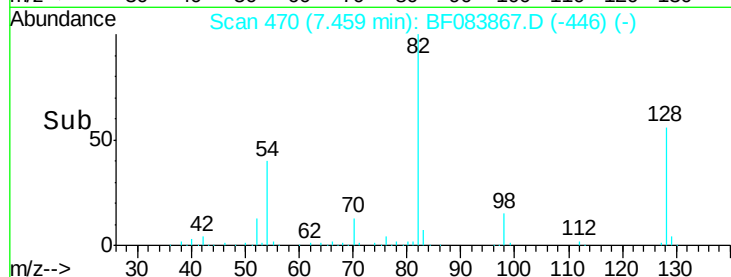
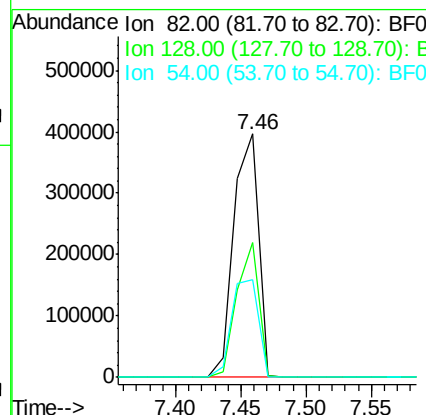
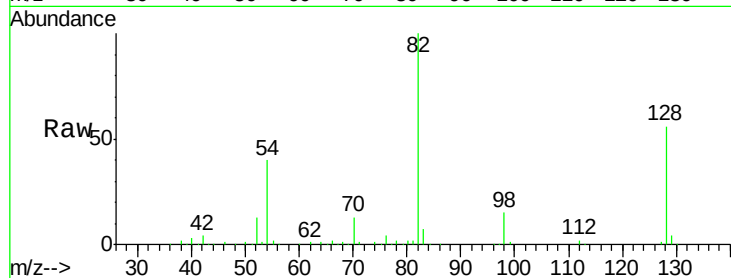




#23
 Nitrobenzene-d5
 Concen: 61.46 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

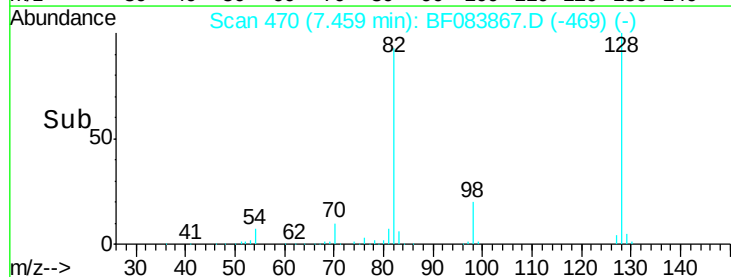
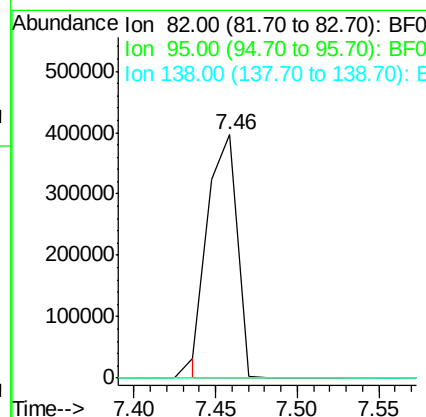
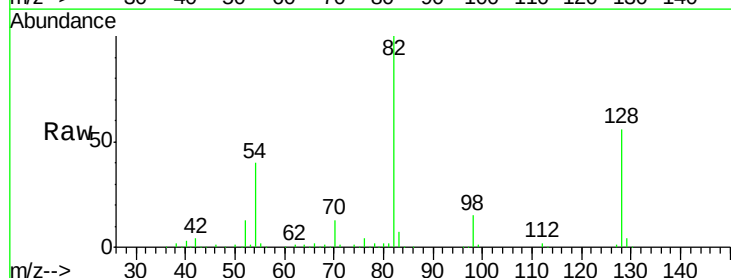
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

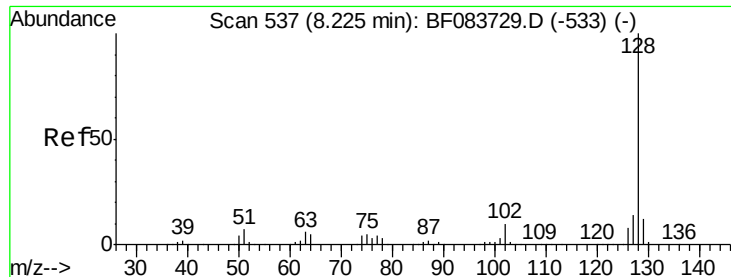
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.6	30.7	46.1#
54	39.9	42.5	63.7#



#25
 Isophorone
 Concen: 29.93 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#

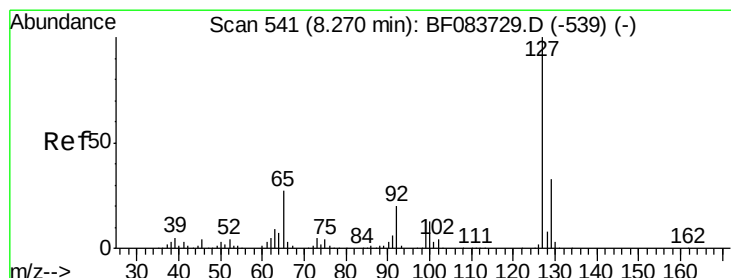
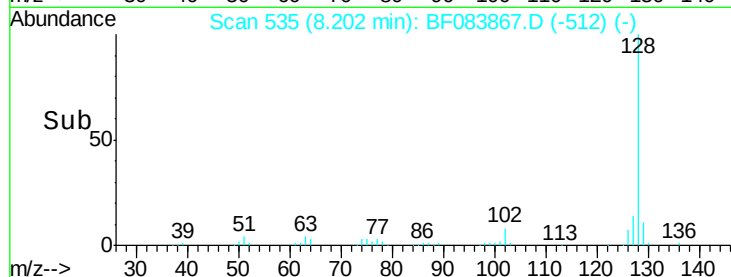
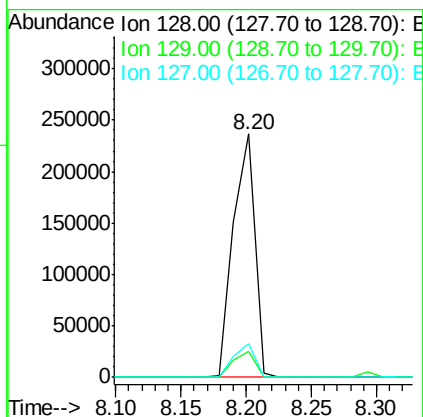
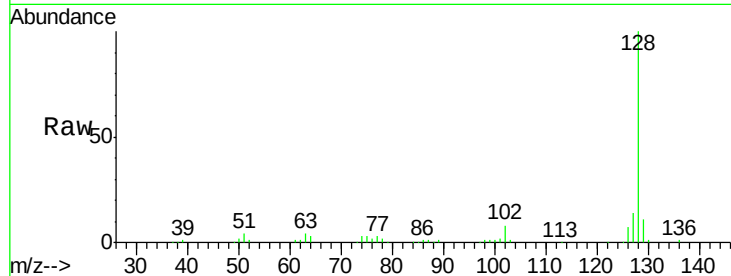




#31
Naphthalene
Concen: 11.04 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

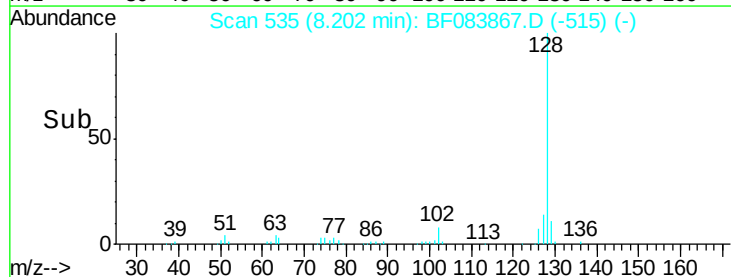
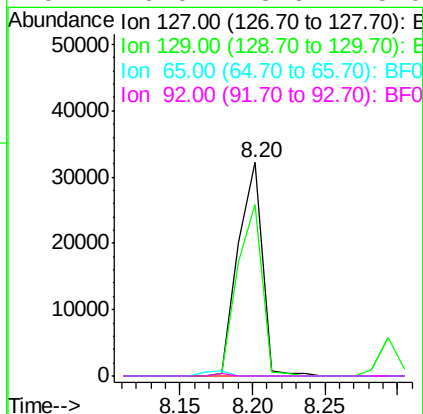
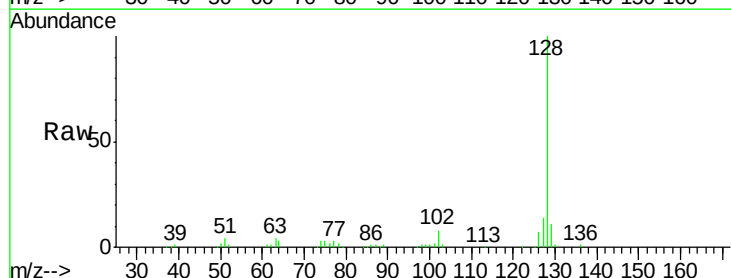
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

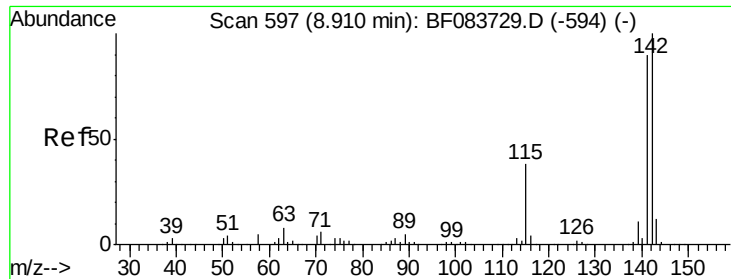
Tgt Ion:128 Resp: 272470
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.6 10.6 16.0



#33
4-Chloroaniline
Concen: 3.69 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.07 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

Tgt Ion:127 Resp: 37170
Ion Ratio Lower Upper
127 100
129 80.3 26.1 39.1#
65 0.0 33.5 50.3#
92 0.0 18.6 28.0#

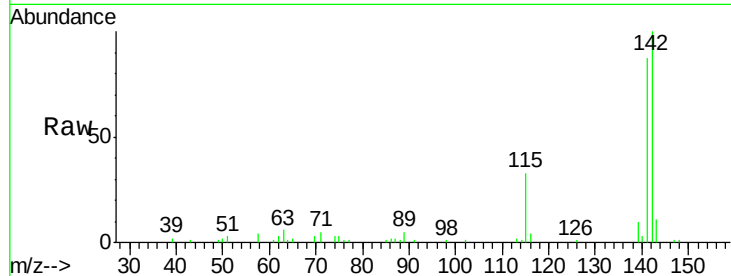




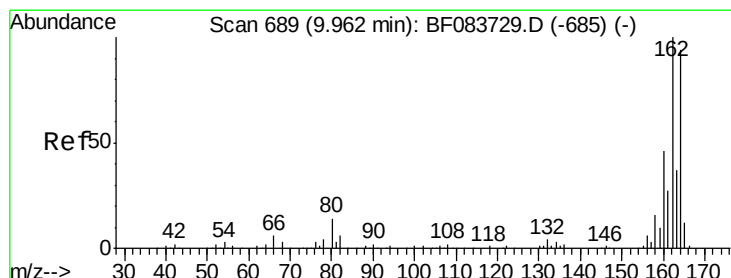
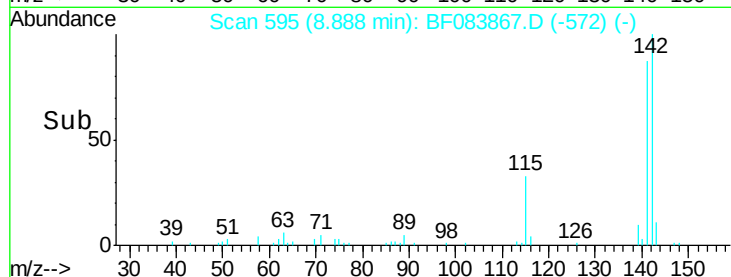
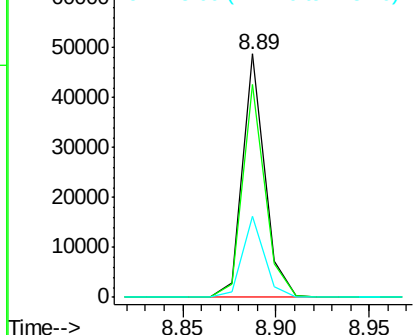
#37
 2-Methylnaphthalene
 Concen: 2.63 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Tgt Ion:142 Resp: 40707
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.3 105.5
 115 33.5 29.2 43.8

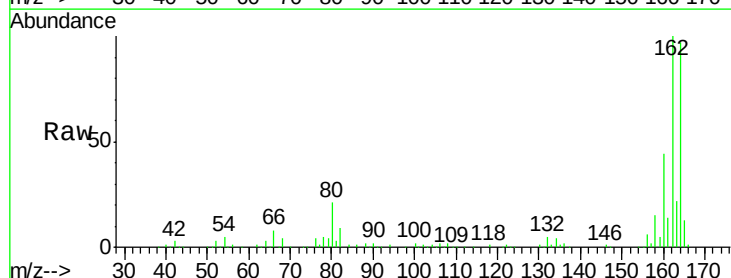


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

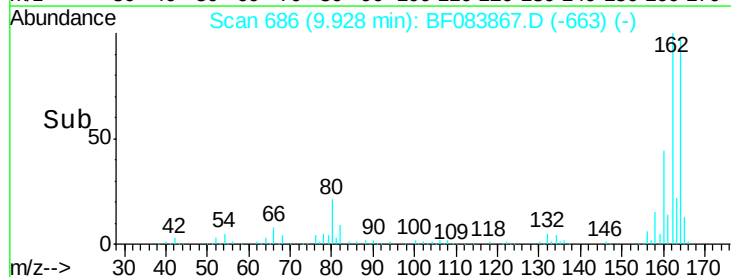
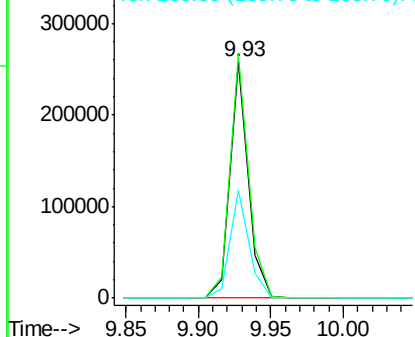


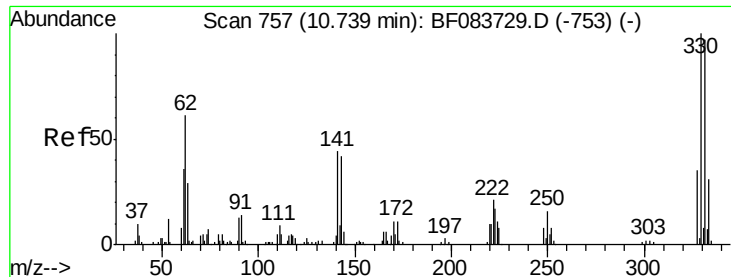
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion:164 Resp: 224319
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 45.7 33.4 50.2



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

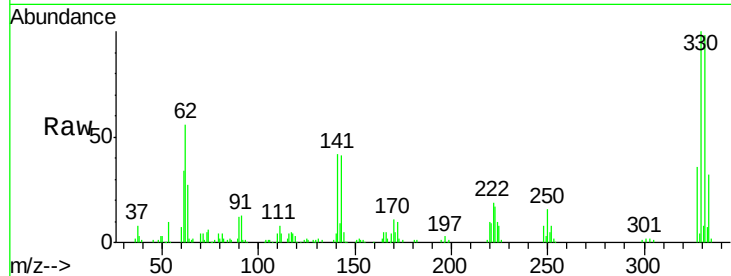




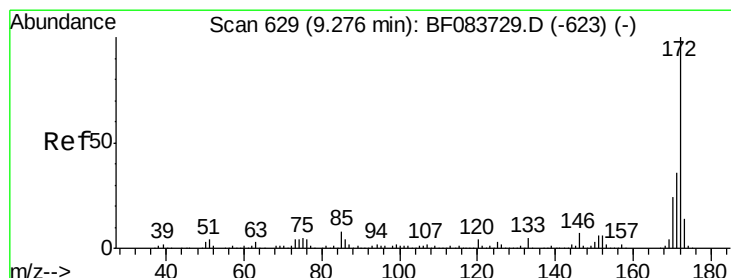
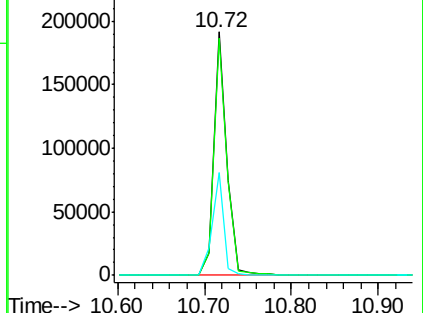
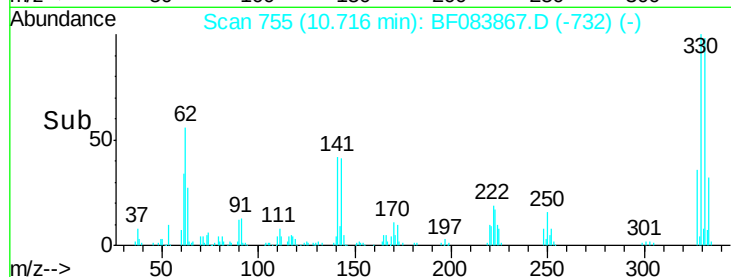
#41
 2,4,6-Tribromophenol
 Concen: 88.50 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	37.4	0.0	0.0#

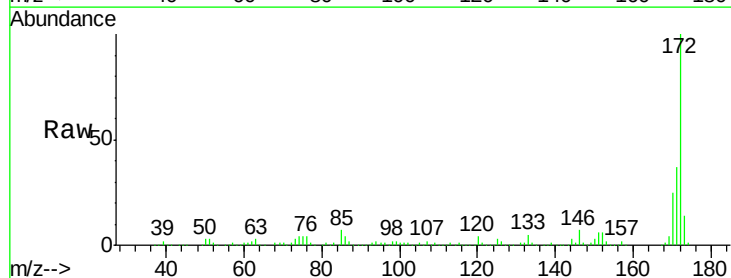


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

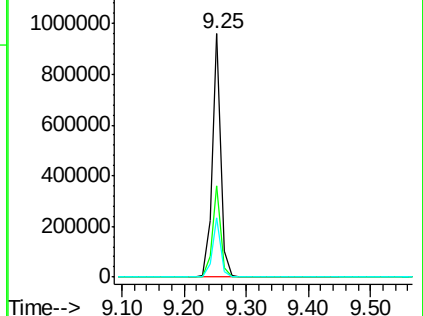
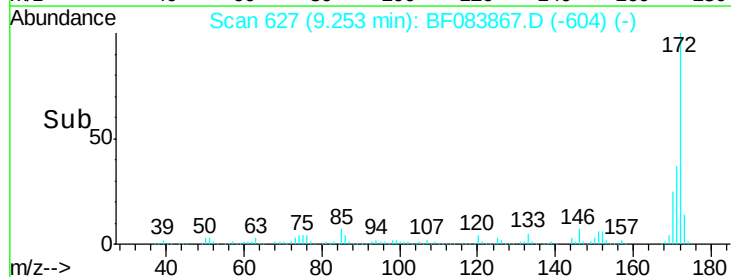


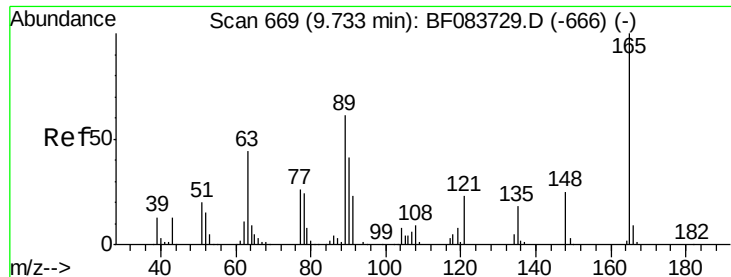
#44
 2-Fluorobiphenyl
 Concen: 52.72 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.6	19.4	29.0



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

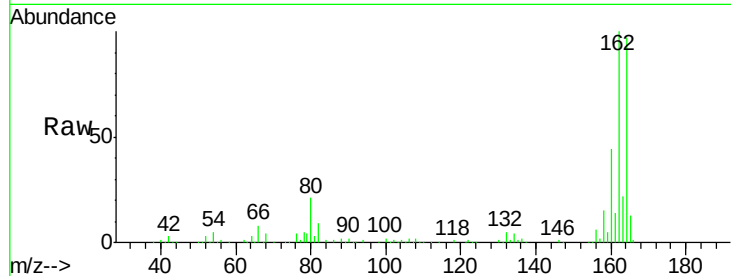




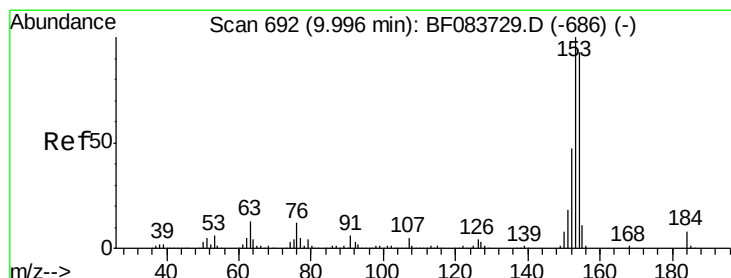
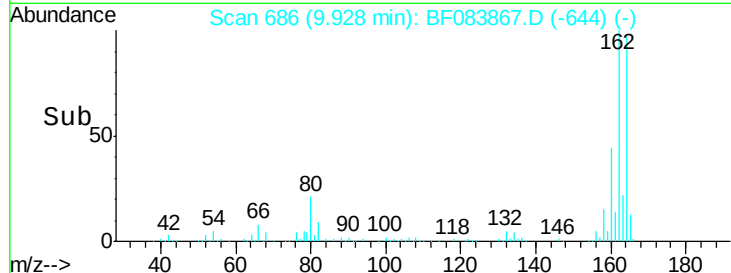
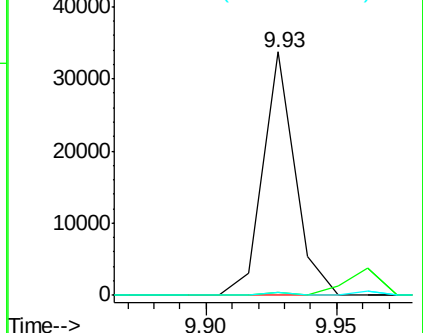
#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.18 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

Tgt Ion:165 Resp: 28961
Ion Ratio Lower Upper
165 100
63 1.2 56.9 85.3#
89 1.5 52.1 78.1#

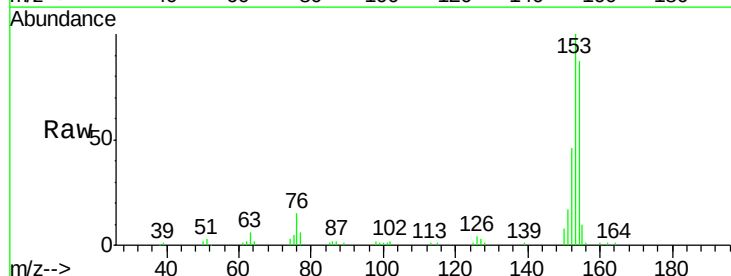


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

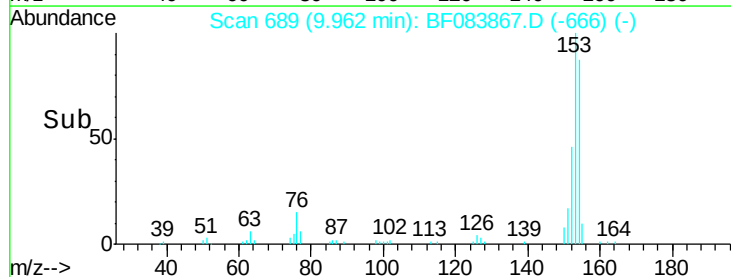
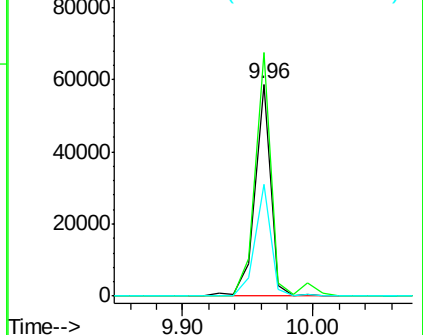


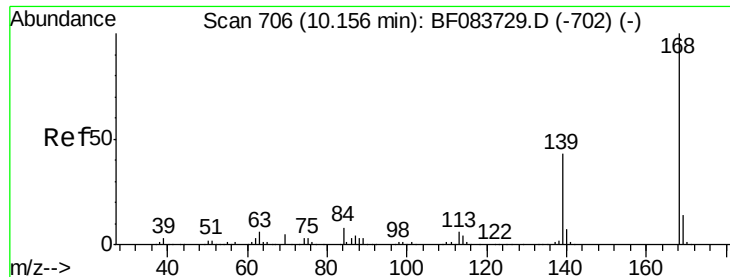
#51
Acenaphthene
Concen: 3.35 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

Tgt Ion:154 Resp: 49937
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.0
152 52.7 43.4 65.2



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

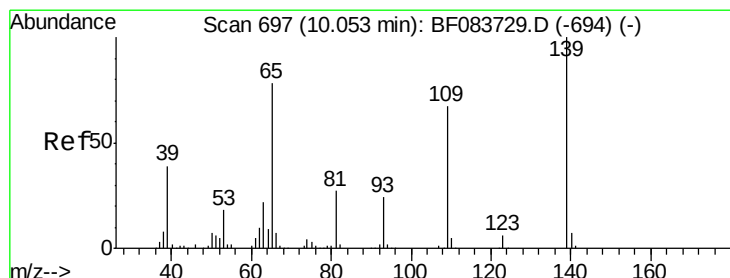
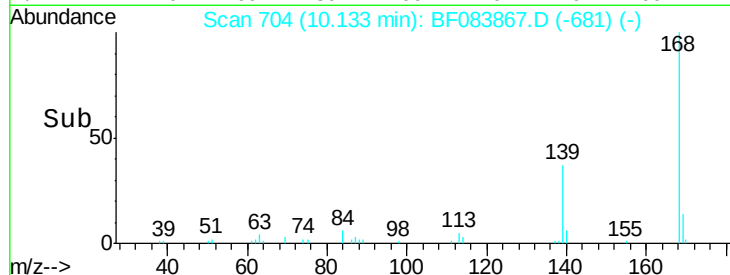
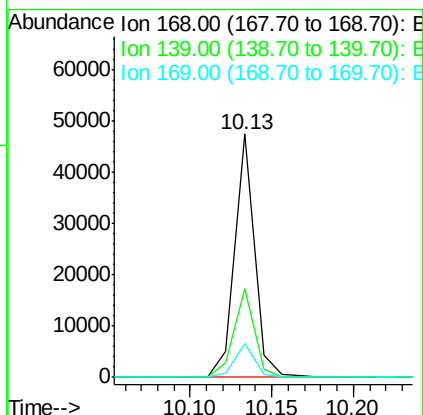
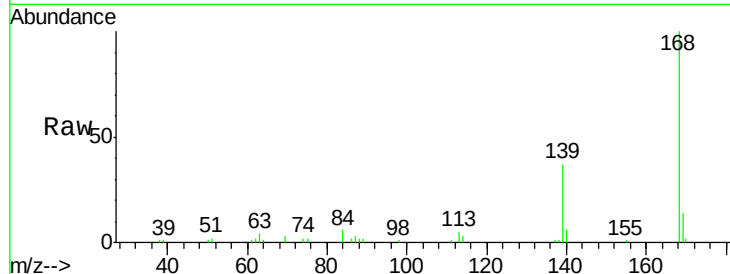




#54
Dibenzenofuran
Concen: 2.01 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

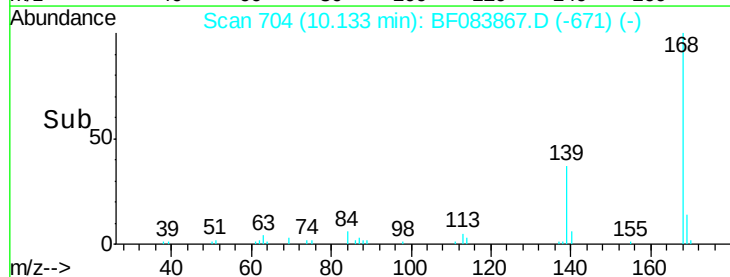
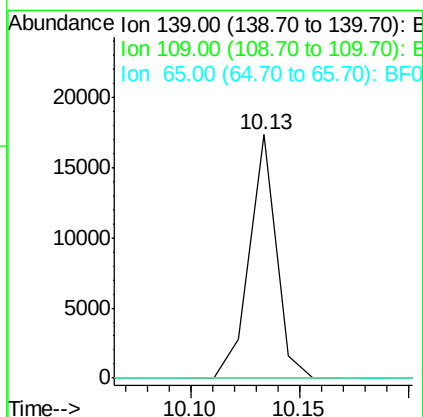
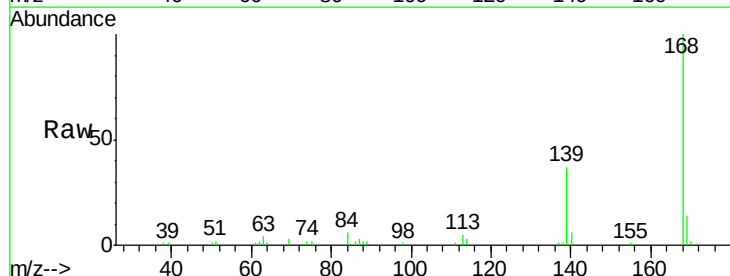
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-A-20150872

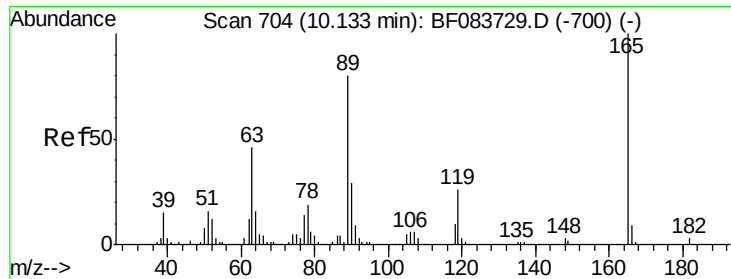
Tgt Ion:168 Resp: 39666
Ion Ratio Lower Upper
168 100
139 36.6 28.0 42.0
169 13.7 10.8 16.2



#55
4-Nitrophenol
Concen: 4.69 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.08 min
Lab File: BF083867.D
Acq: 17 Dec 2015 4:57

Tgt Ion:139 Resp: 14865
Ion Ratio Lower Upper
139 100
109 0.0 42.0 82.0#
65 0.0 89.2 129.2#

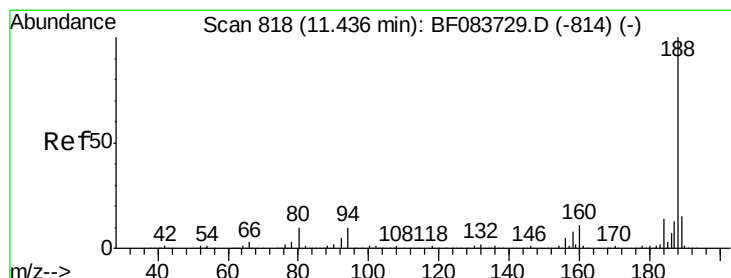
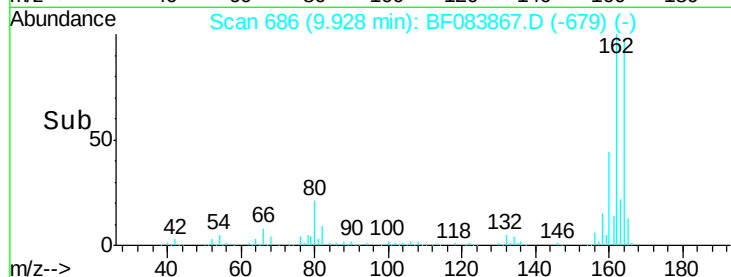
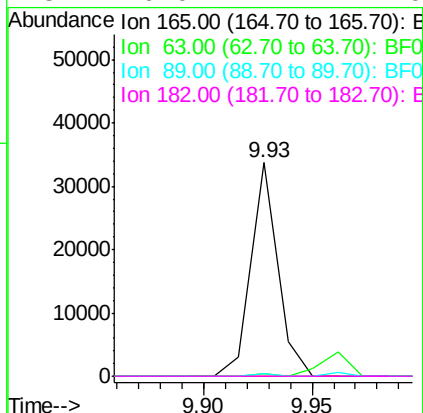
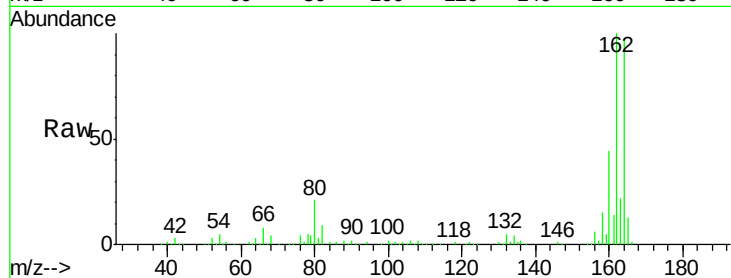




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.22 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

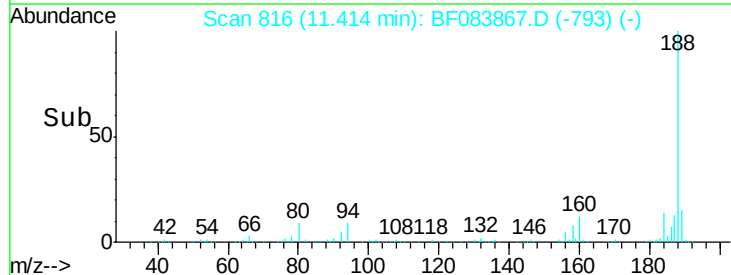
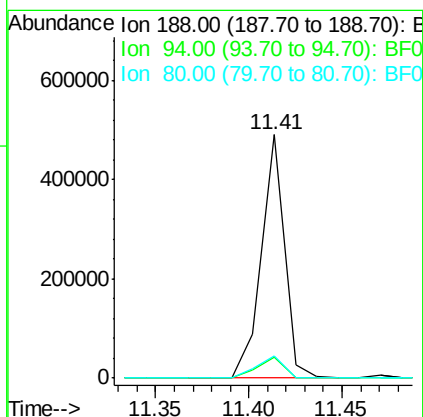
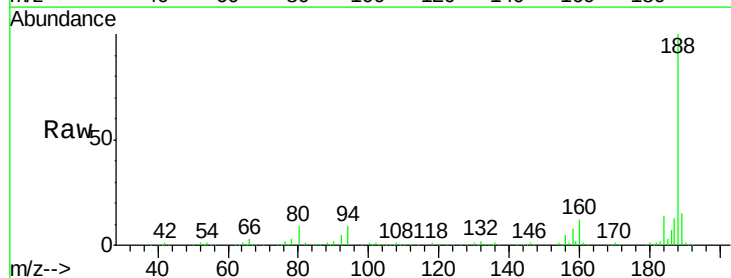
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

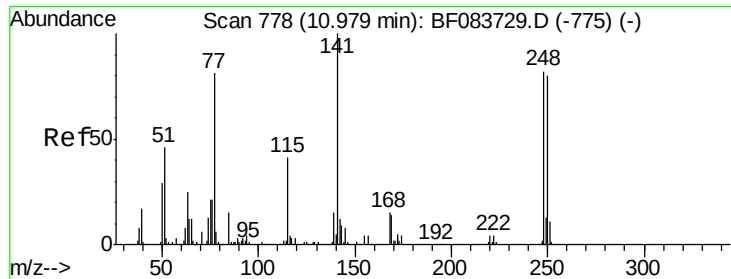
Tgt Ion:	165	Resp:	28963
Ion Ratio	Lower	Upper	
165	100		
63	1.2	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion:	188	Resp:	416962
Ion Ratio	Lower	Upper	
188	100		
94	8.8	9.4	14.2#
80	9.3	10.6	16.0#

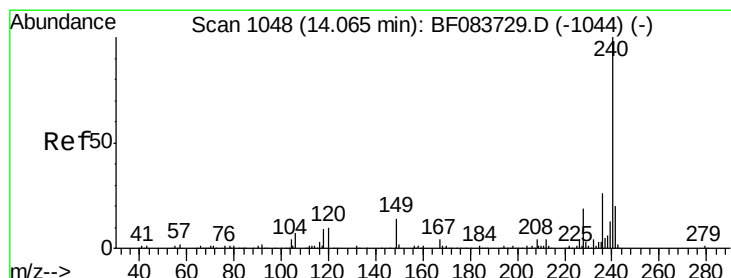
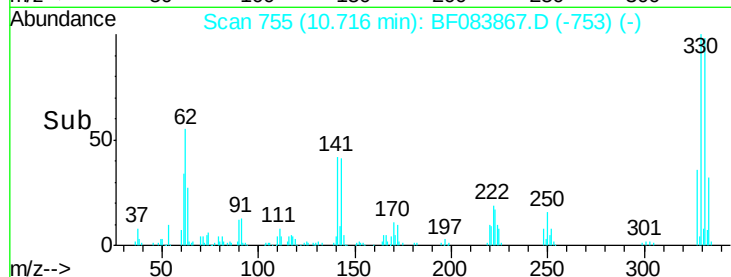
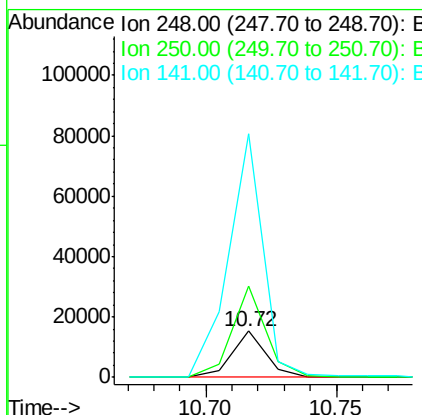
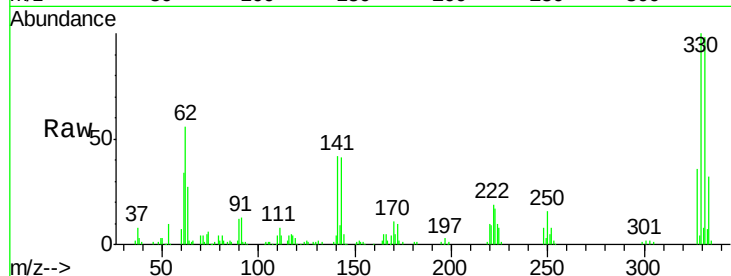




#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

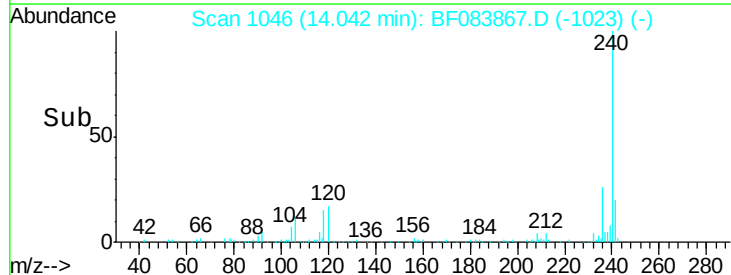
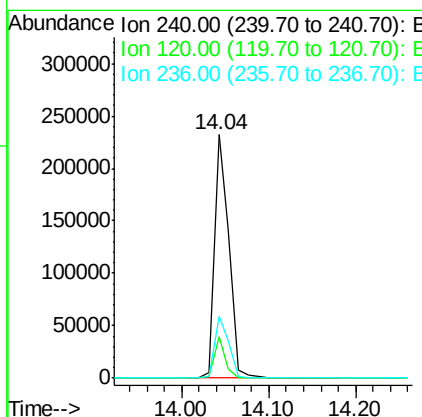
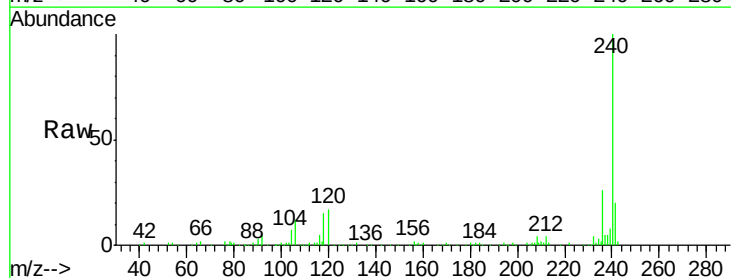
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

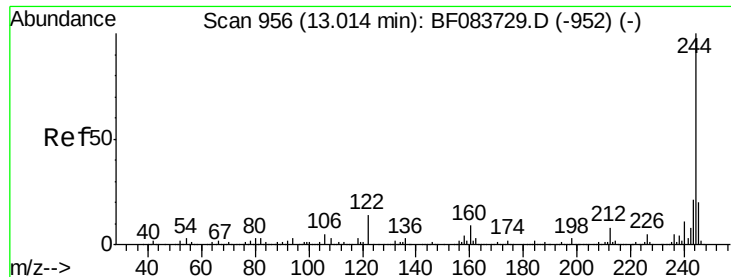
Tgt Ion:248 Resp: 13793
 Ion Ratio Lower Upper
 248 100
 250 197.0 79.2 118.8#
 141 527.0 58.2 87.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion:240 Resp: 270708
 Ion Ratio Lower Upper
 240 100
 120 17.2 8.1 12.1#
 236 25.5 20.8 31.2

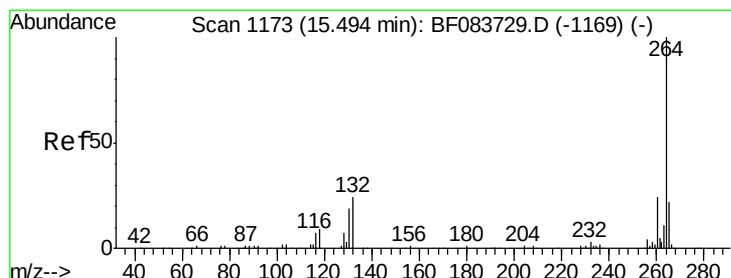
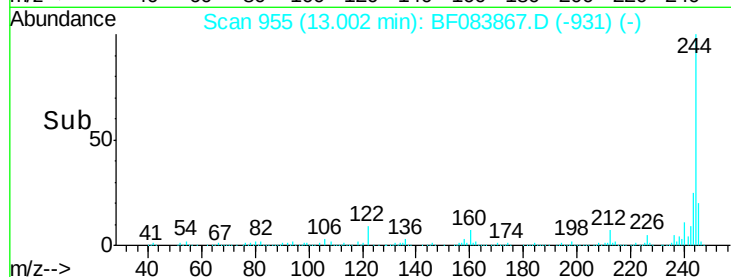
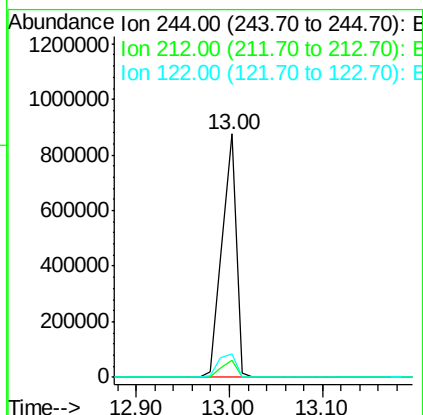
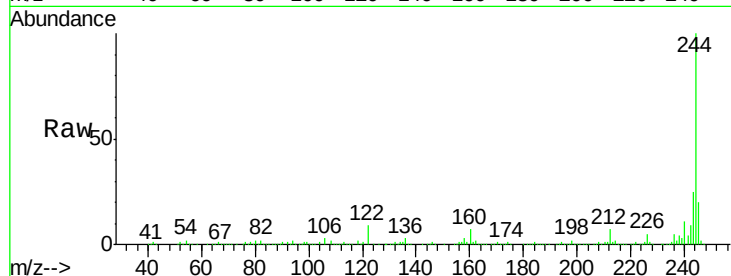




#78
 Terphenyl-d14
 Concen: 73.40 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-A-20150872

Tgt Ion:244 Resp: 923712
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.5 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083867.D
 Acq: 17 Dec 2015 4:57

Tgt Ion:264 Resp: 253691
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.1 17.8 26.6

