

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087714.D
 Acq On : 5 Jun 2016 18:21
 Operator : UM/SJ
 Sample : H3362-07
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Quant Time: Jun 06 03:09:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

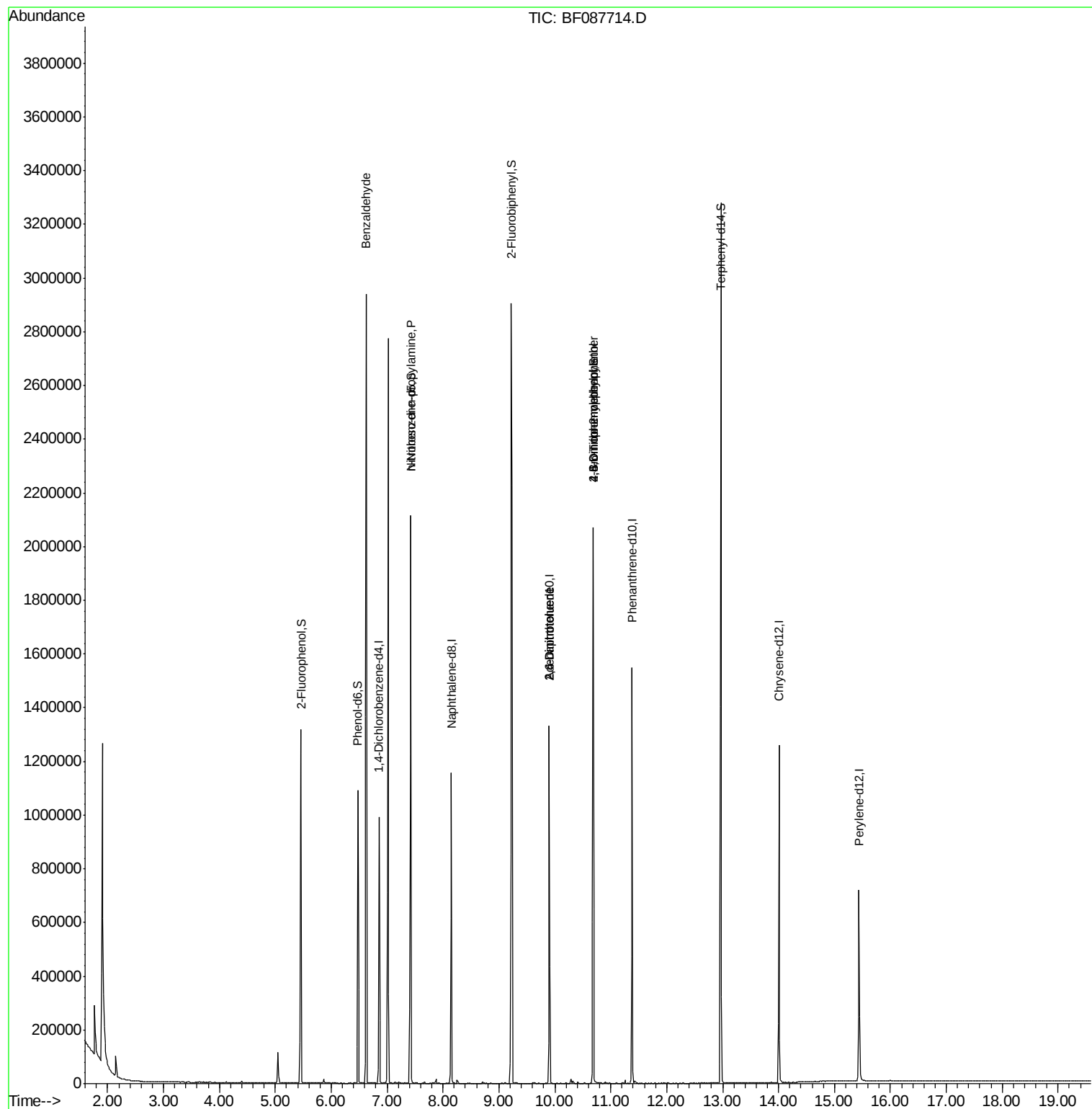
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147872	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	635718	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278115	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	562361	20.00	ng	0.00
75) Chrysene-d12	14.01	240	404339	20.00	ng	-0.01
86) Perylene-d12	15.44	264	315765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	578635	63.25	ng	0.01
7) Phenol-d6	6.48	99	412111	35.92	ng	-0.01
23) Nitrobenzene-d5	7.43	82	857445	78.04	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	314760	112.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1472549	79.64	ng	-0.01
78) Terphenyl-d14	12.97	244	1113820	67.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	20166	2.60	ng	# 70
19) n-Nitroso-di-n-propylamine	7.43	70	115967	16.18	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	35535	7.72	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	35537	6.07	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	472	2.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17289	3.10	ng	# 1

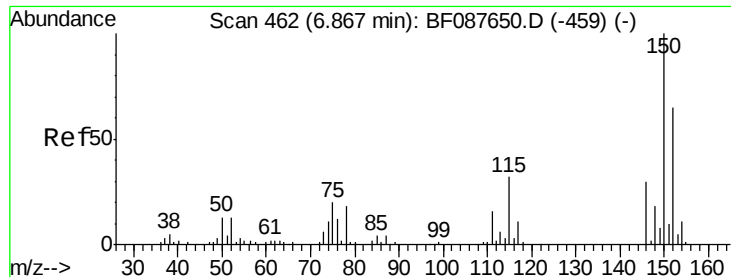
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SP16-LF3MW4

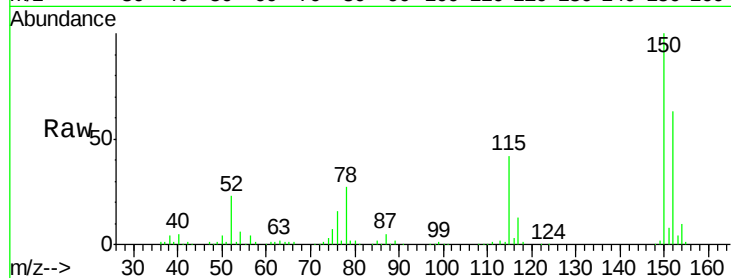
Tgt Ion:152 Resp: 147872

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

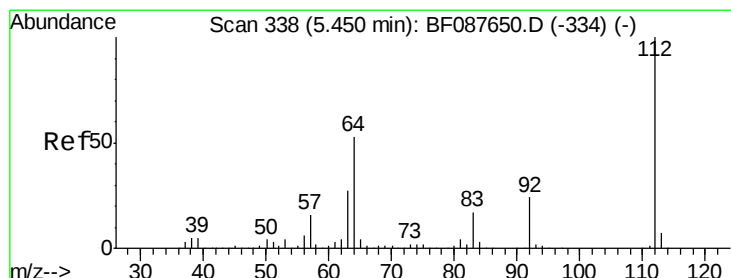
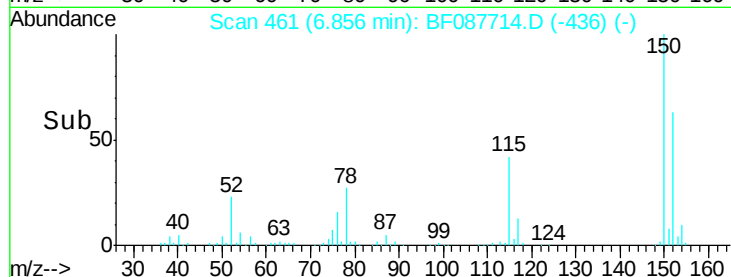
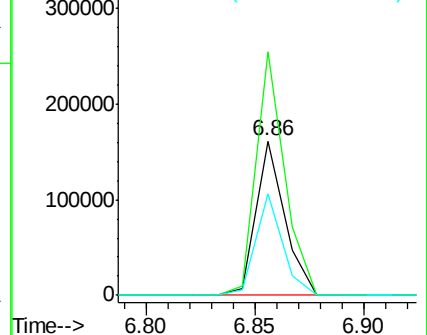
115 66.0 39.6 59.4#



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: 63.25 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

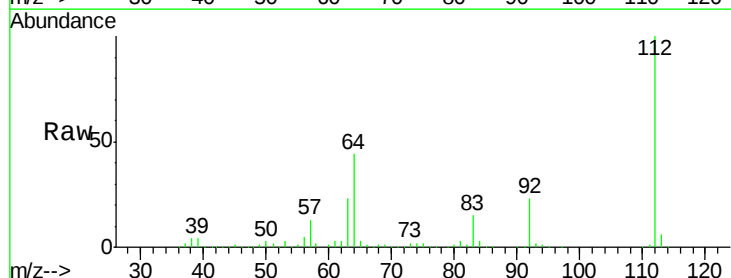
Tgt Ion:112 Resp: 578635

Ion Ratio Lower Upper

112 100

64 44.4 42.2 63.2

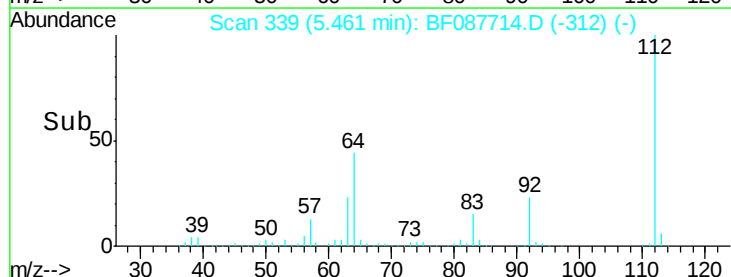
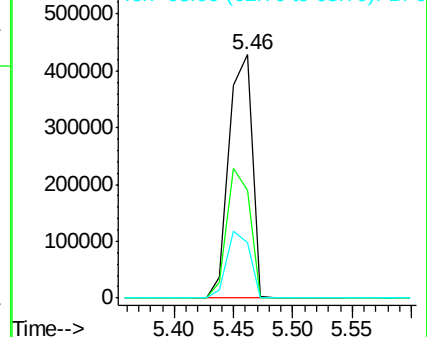
63 22.8 21.8 32.8

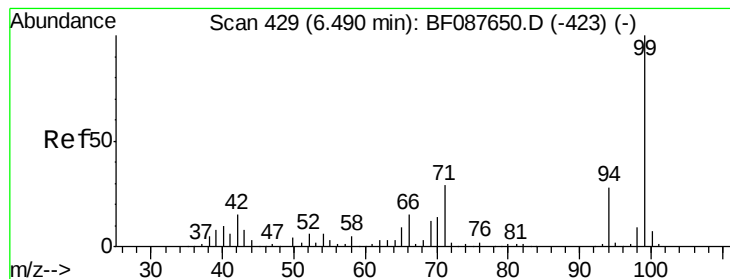


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.92 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SP16-LF3MW4

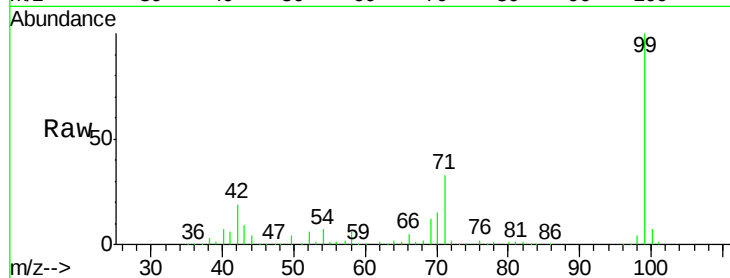
Tgt Ion: 99 Resp: 412111

Ion Ratio Lower Upper

99 100

42 18.9 12.2 18.2#

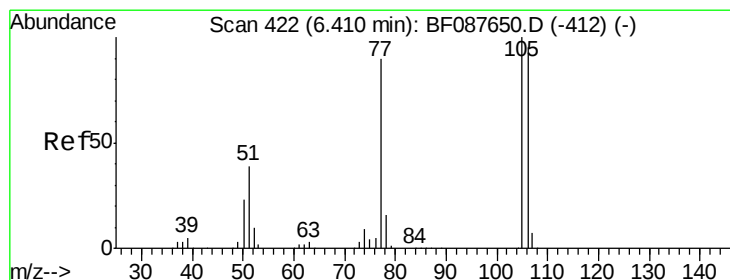
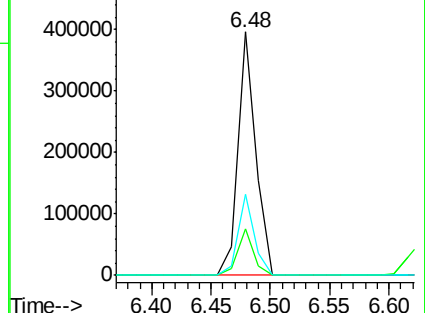
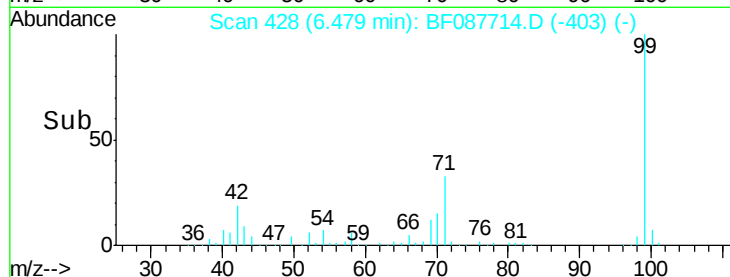
71 33.4 23.4 35.0



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



#9

Benzaldehyde

Concen: 2.60 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

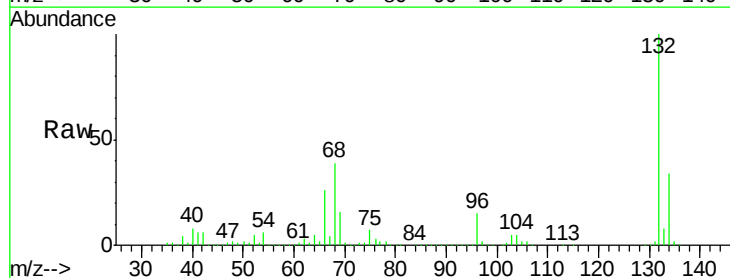
Tgt Ion: 77 Resp: 20166

Ion Ratio Lower Upper

77 100

105 80.4 90.6 130.6#

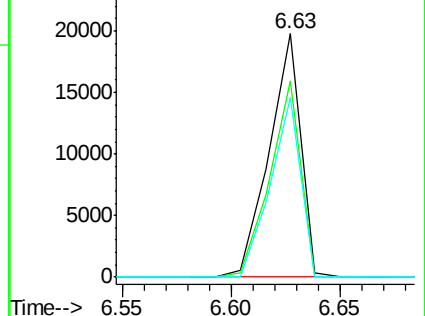
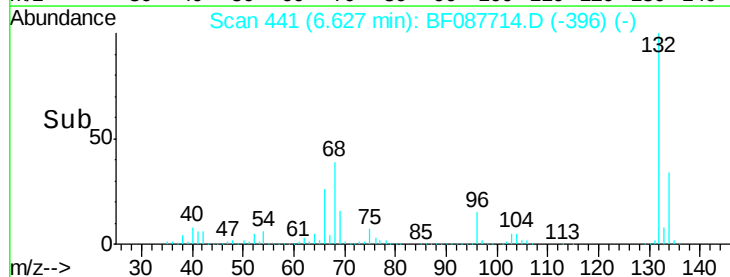
106 73.5 85.3 125.3#

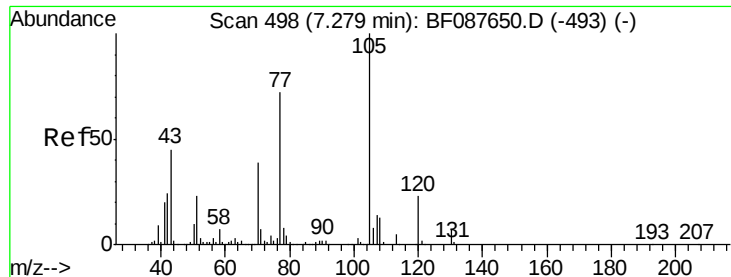


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

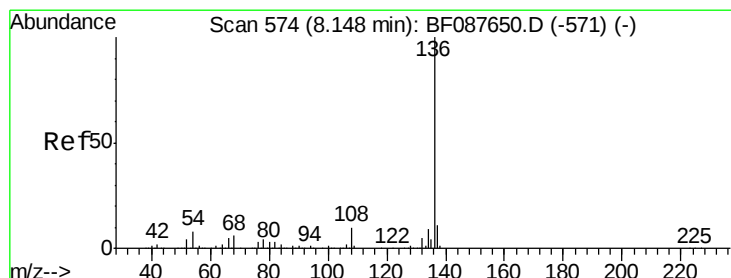
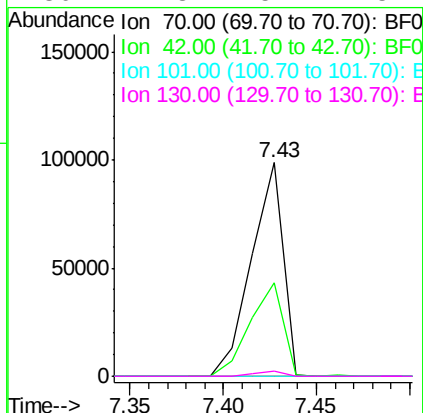
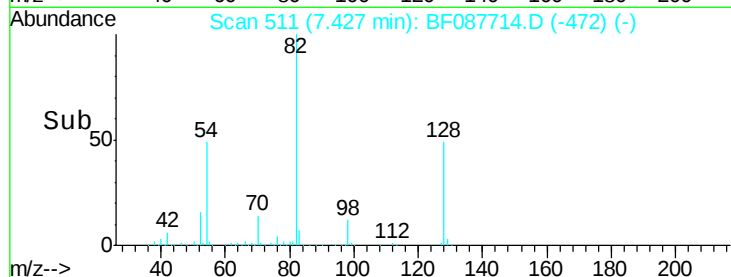
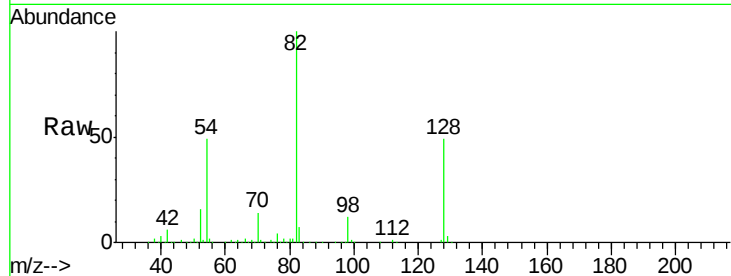




#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087714.D
Acq: 5 Jun 2016 18:21

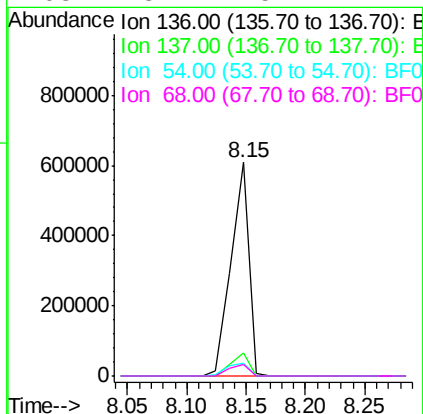
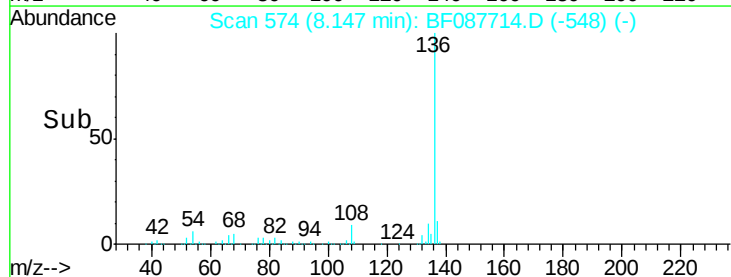
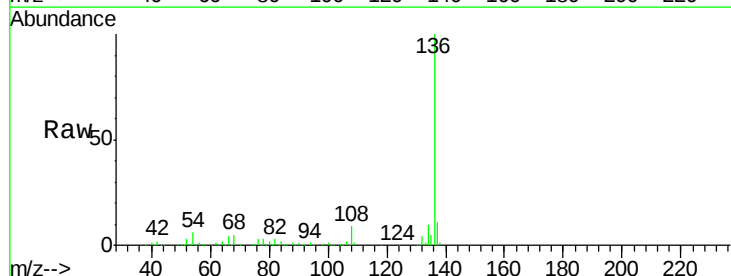
Instrument :
BNA_F
ClientSampleId :
SP16-LF3MW4

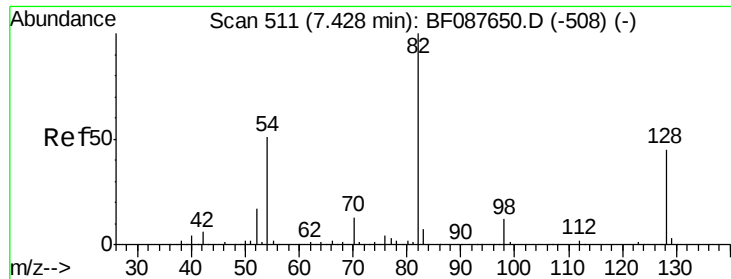
Tgt Ion: 70 Resp: 115967
Ion Ratio Lower Upper
70 100
42 43.9 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087714.D
Acq: 5 Jun 2016 18:21

Tgt Ion: 136 Resp: 635718
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.2 6.6 10.0#
68 5.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 78.04 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SP16-LF3MW4

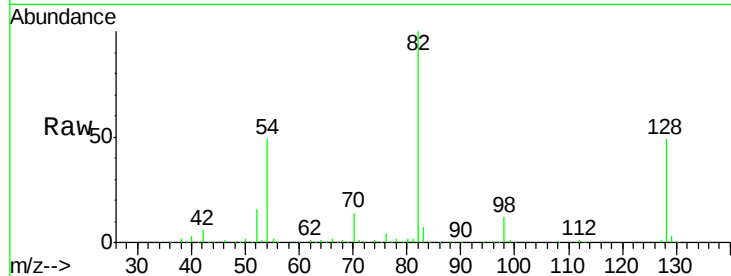
Tgt Ion: 82 Resp: 857445

Ion Ratio Lower Upper

82 100

128 48.6 35.9 53.9

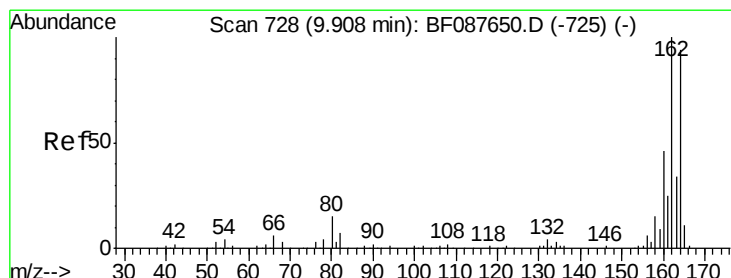
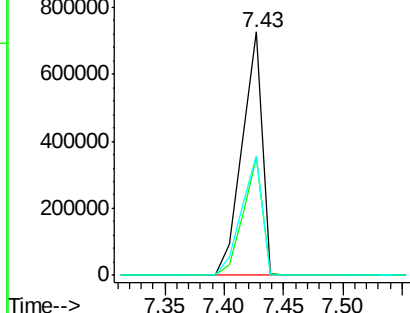
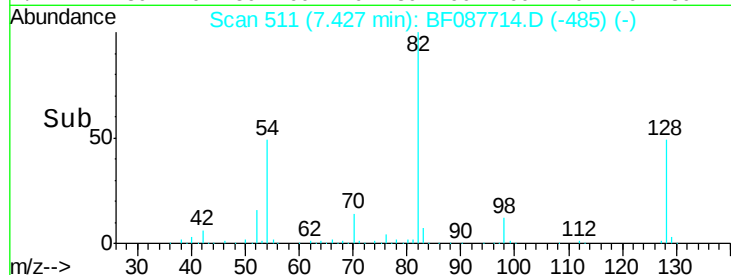
54 49.1 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087714.D

Acq: 5 Jun 2016 18:21

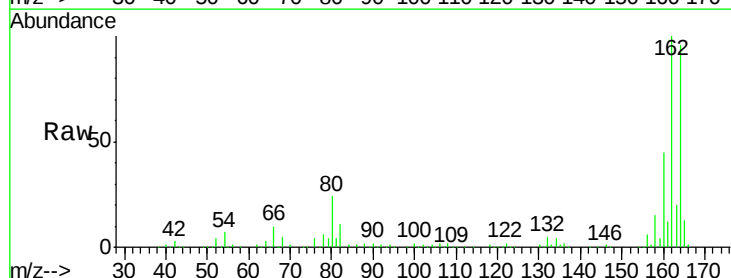
Tgt Ion: 164 Resp: 278115

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

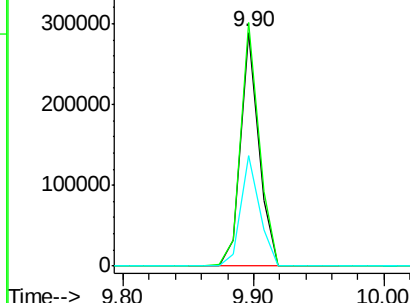
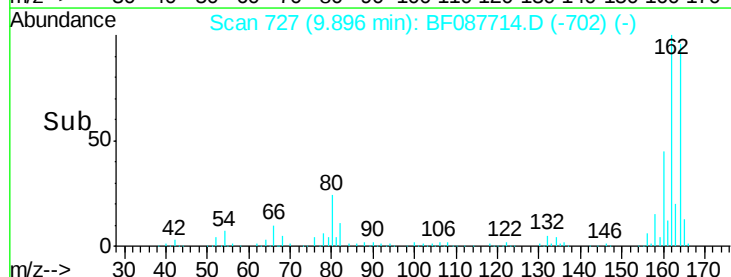
160 47.0 39.5 59.3

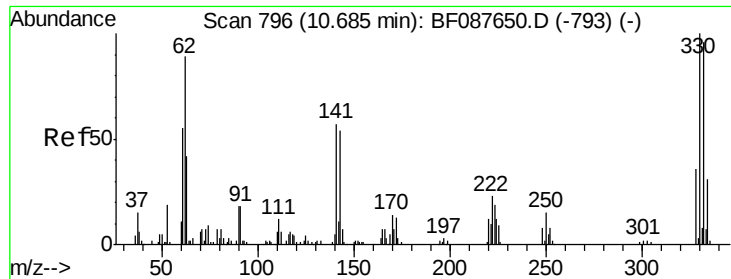


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

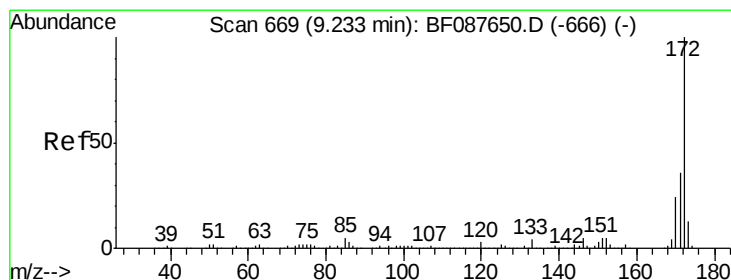
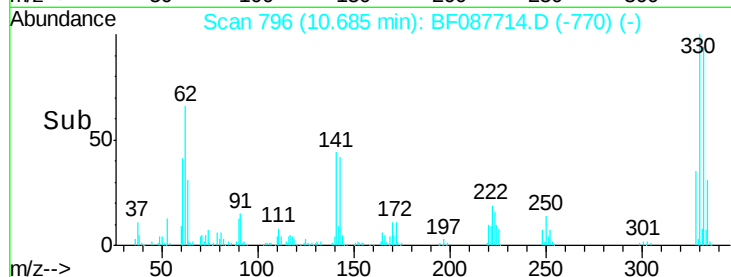
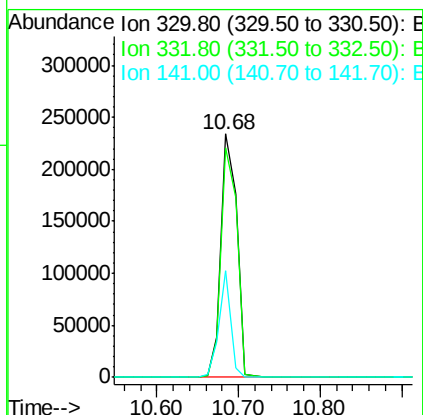
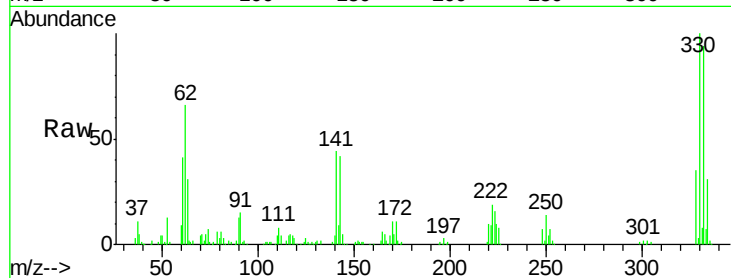




#41
 2,4,6-Tribromophenol
 Concen: 112.75 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

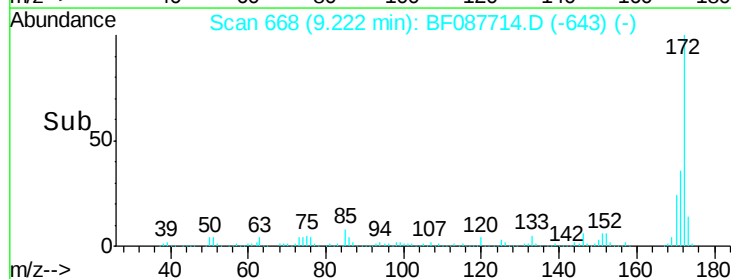
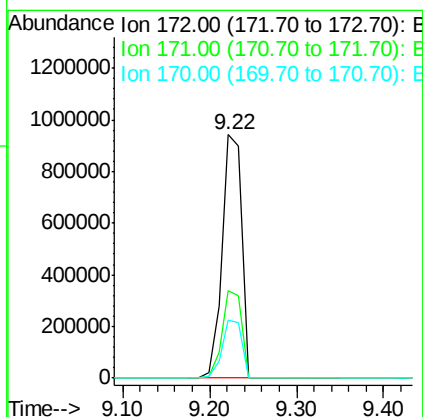
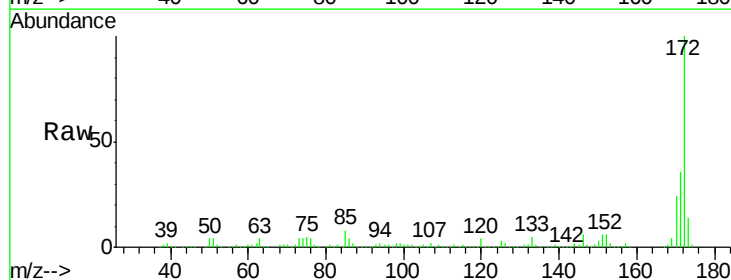
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

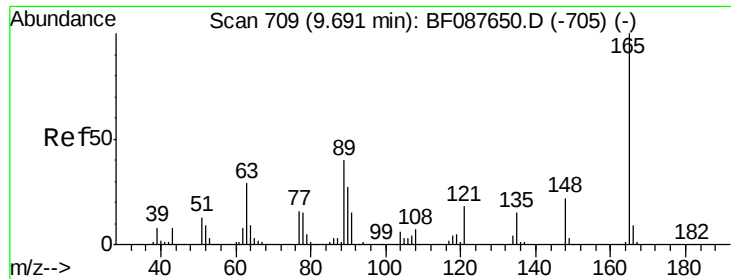
Tgt Ion:330 Resp: 314760
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 32.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.64 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Tgt Ion:172 Resp: 1472549
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.1 19.2 28.8

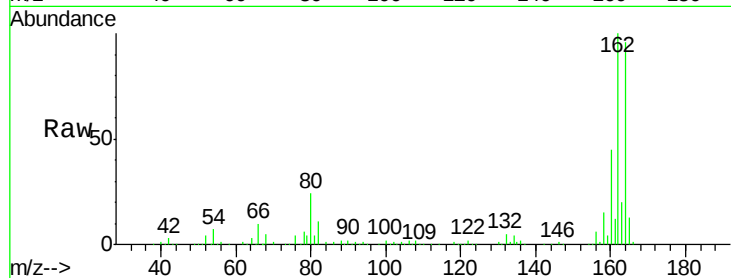




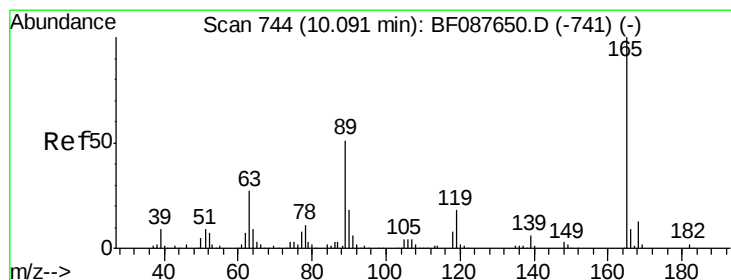
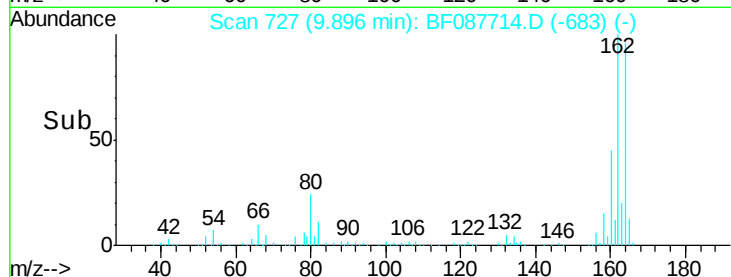
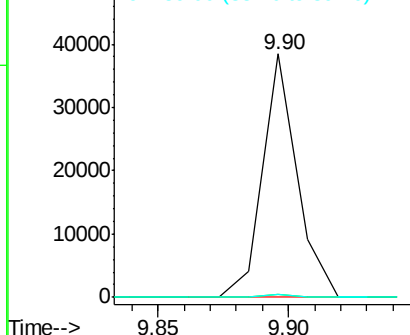
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.5	32.2	48.2#



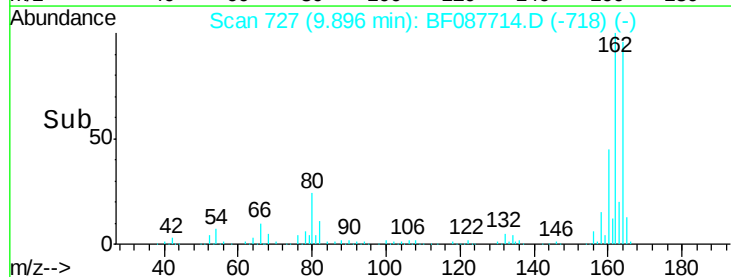
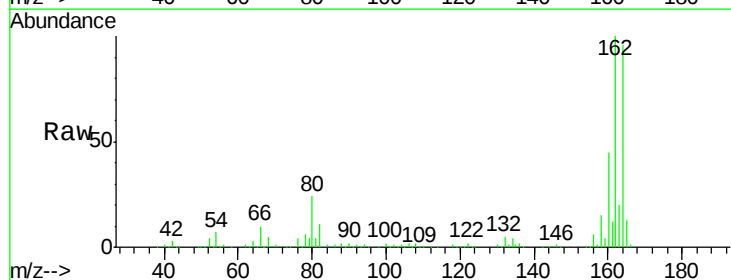
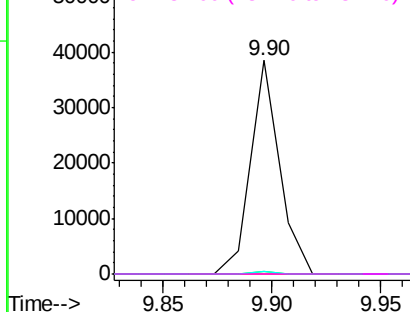
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

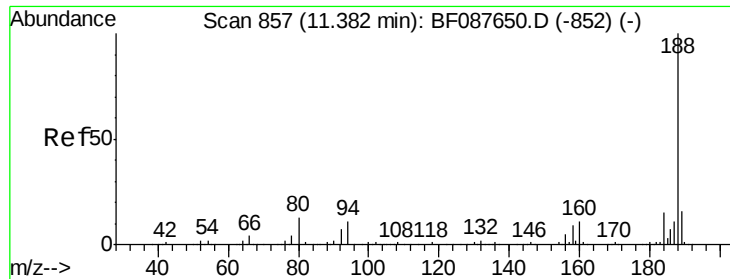


#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

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

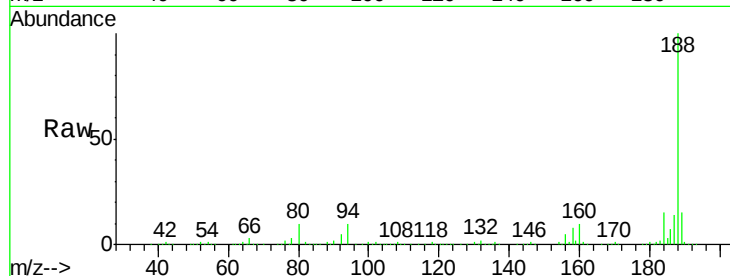




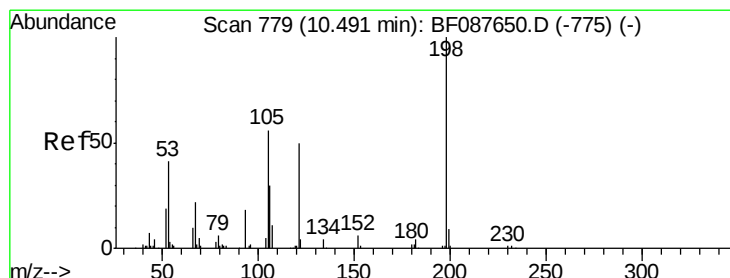
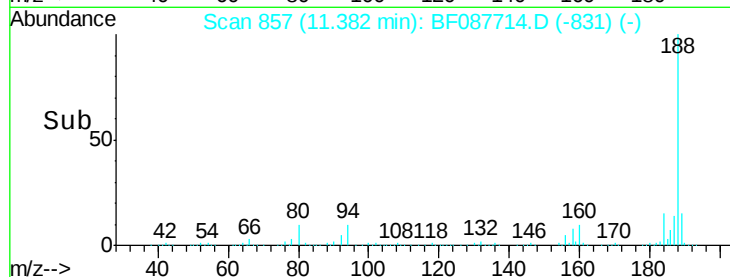
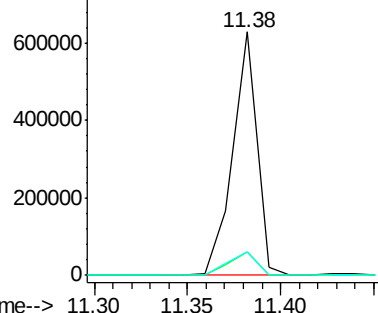
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Tgt Ion:188 Resp: 562361
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.0 13.6
 80 9.6 10.0 15.0#

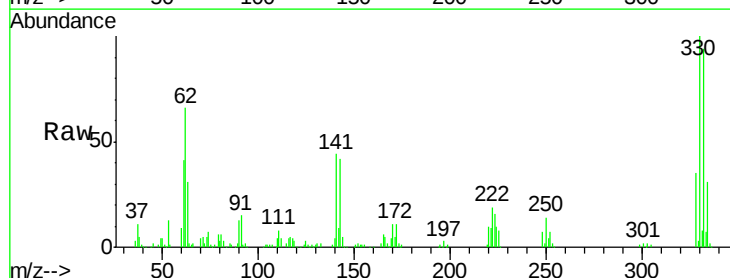


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

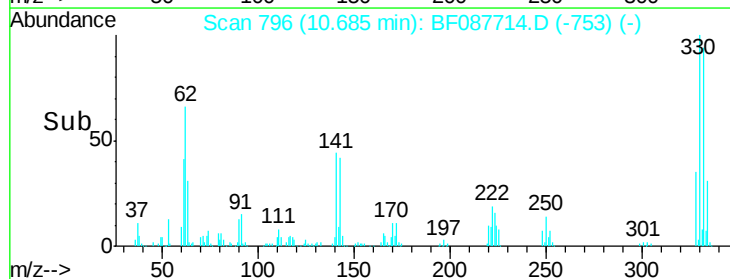
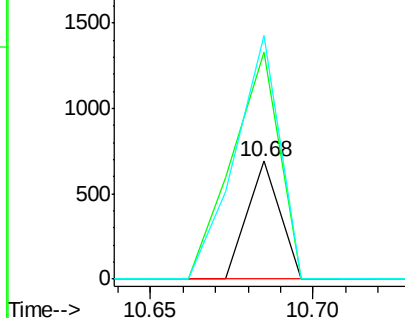


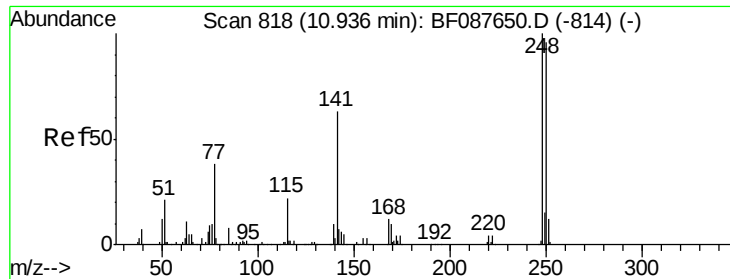
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.16 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Tgt Ion:198 Resp: 472
 Ion Ratio Lower Upper
 198 100
 51 193.6 39.6 79.6#
 105 207.1 36.6 76.6#



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

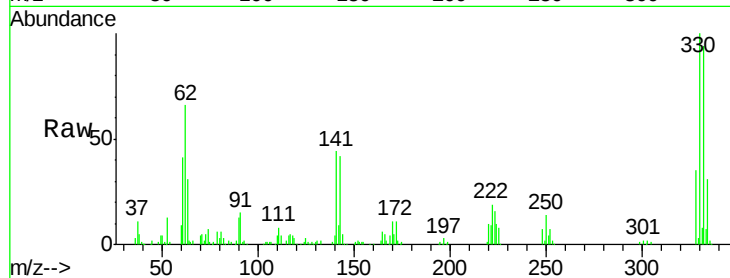




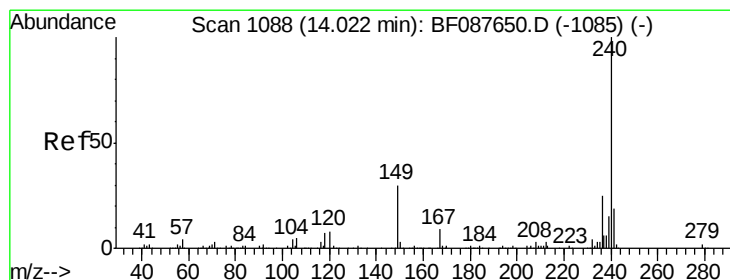
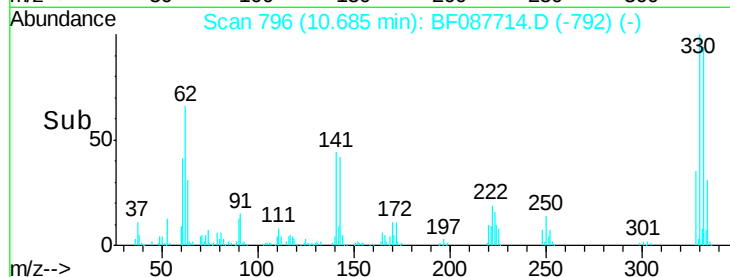
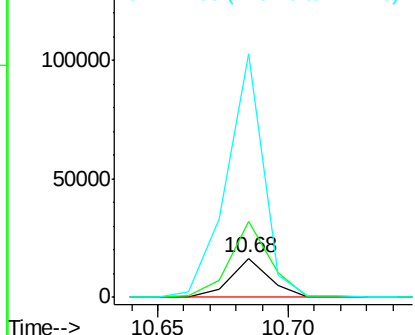
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087714.D
Acq: 5 Jun 2016 18:21

Instrument :
BNA_F
ClientSampleId :
SP16-LF3MW4

Tgt Ion:248 Resp: 17289
Ion Ratio Lower Upper
248 100
250 194.5 77.1 115.7#
141 620.1 50.6 76.0#

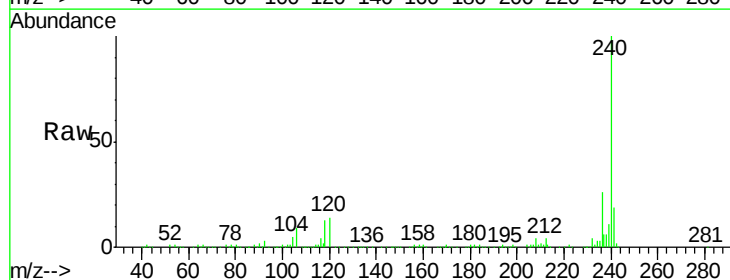


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

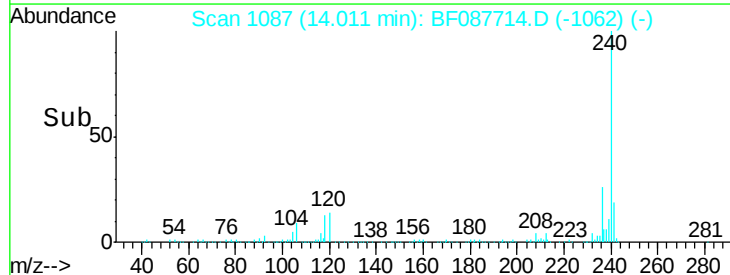
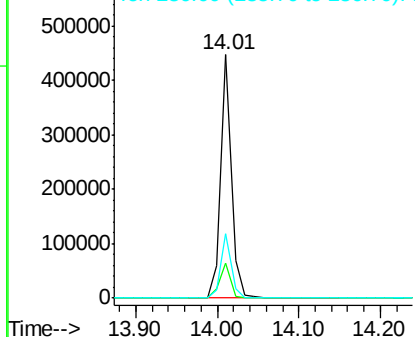


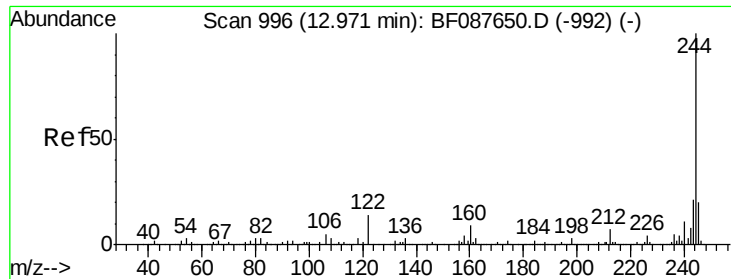
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087714.D
Acq: 5 Jun 2016 18:21

Tgt Ion:240 Resp: 404339
Ion Ratio Lower Upper
240 100
120 14.5 6.8 10.2#
236 26.4 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

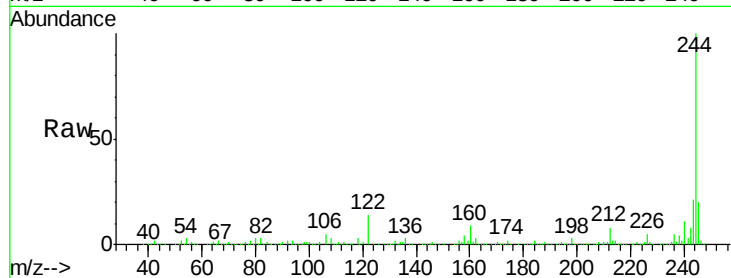




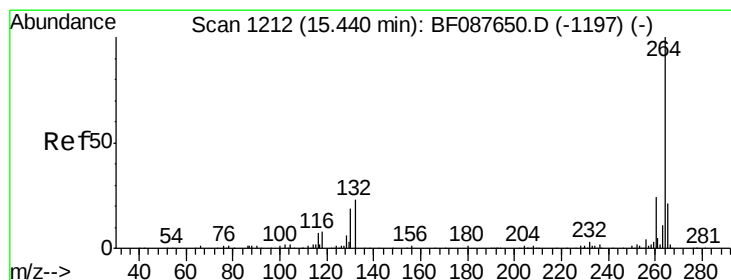
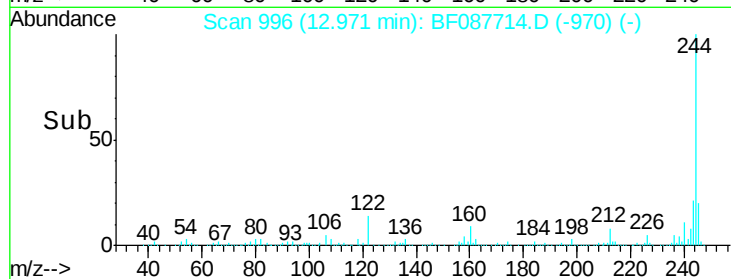
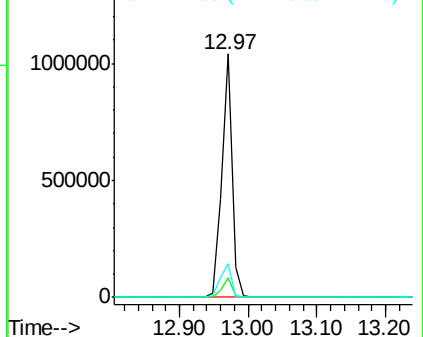
#78
 Terphenyl-d14
 Concen: 67.22 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Tgt Ion:244 Resp: 1113820
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.6 11.2 16.8

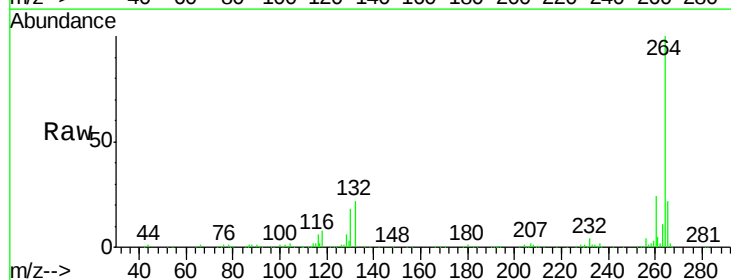


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087714.D
 Acq: 5 Jun 2016 18:21

Tgt Ion:264 Resp: 315765
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 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

