

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087715.D
 Acq On : 5 Jun 2016 18:51
 Operator : UM/SJ
 Sample : H3362-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Quant Time: Jun 06 03:09:35 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

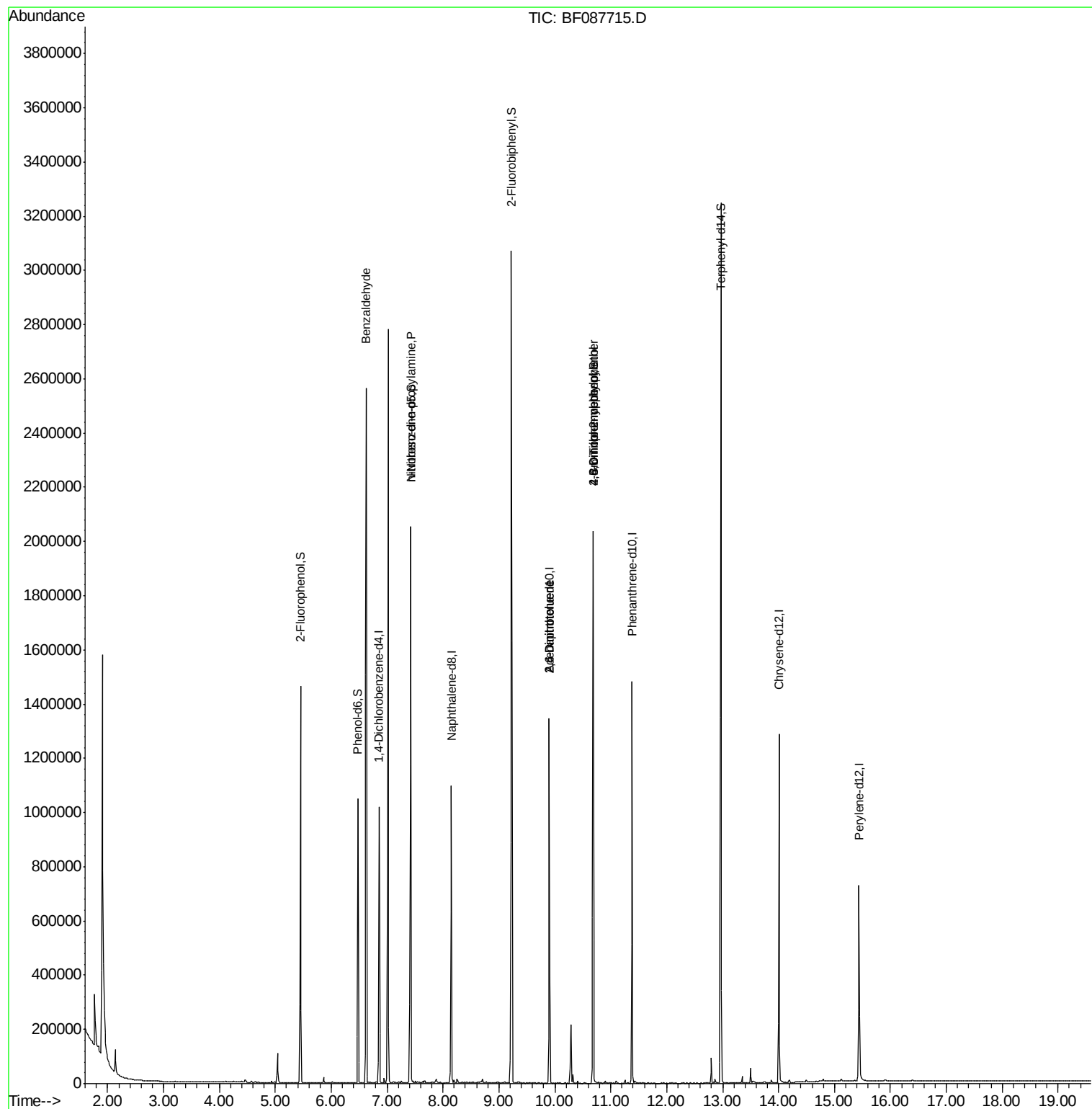
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147866	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	619693	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278060	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	554635	20.00	ng	0.00
75) Chrysene-d12	14.01	240	414007	20.00	ng	-0.01
86) Perylene-d12	15.44	264	321142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	411140	44.94	ng	0.00
7) Phenol-d6	6.48	99	329319	28.70	ng	-0.01
23) Nitrobenzene-d5	7.43	82	831618	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	291007	104.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1361329	71.45	ng	-0.01
78) Terphenyl-d14	12.97	244	1106276	65.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	19135	2.47	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	111339	15.54	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	35915	7.81	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	35917	6.13	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	462	2.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	16255	2.96	ng	# 1

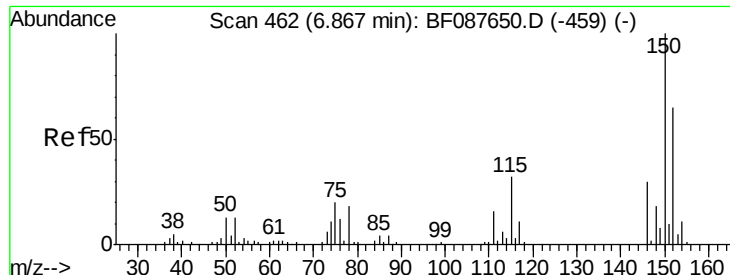
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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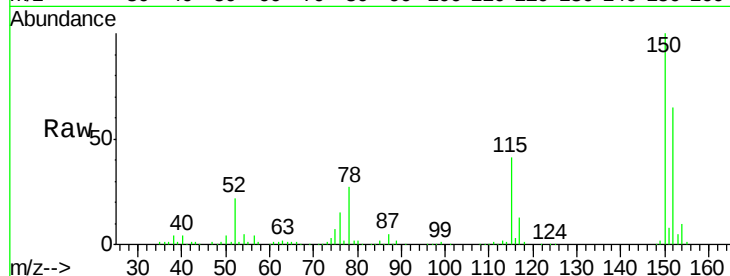




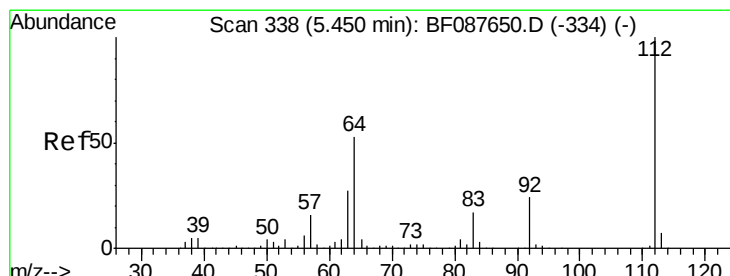
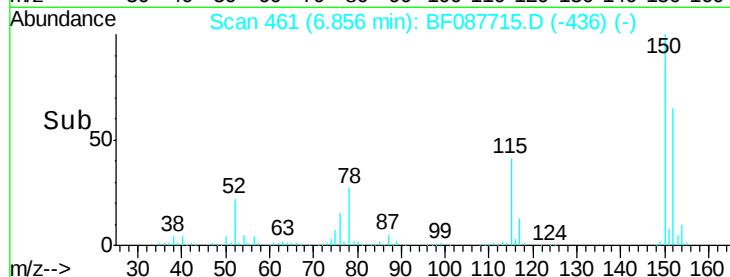
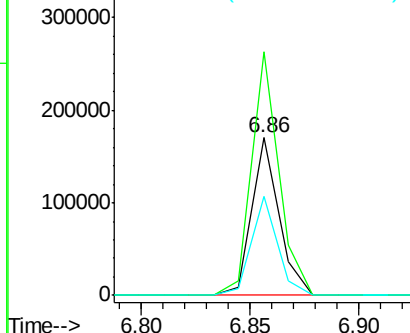
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Tgt Ion:152 Resp: 147866
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.6
 115 63.1 39.6 59.4#

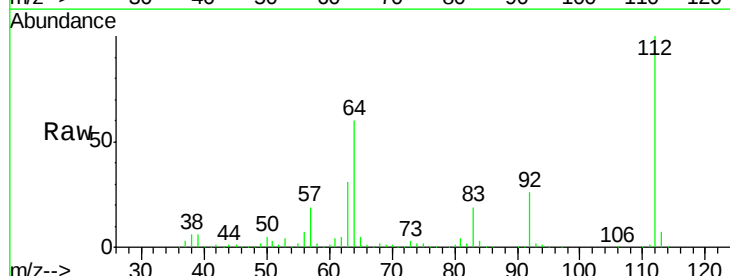


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

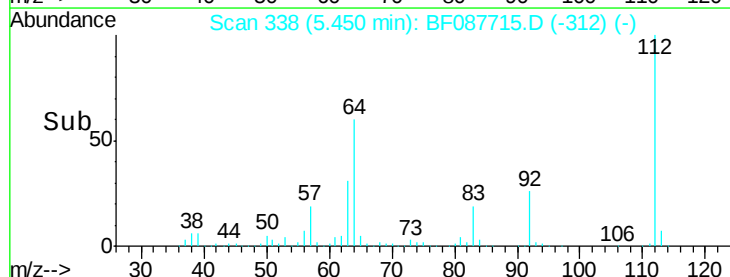
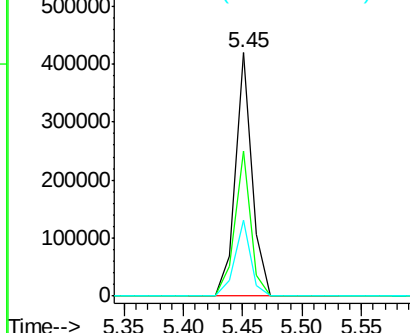


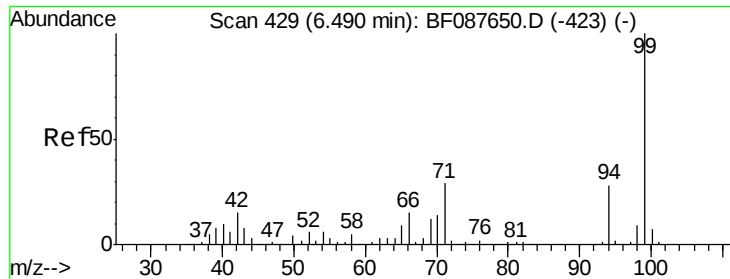
#5
 2-Fluorophenol
 Concen: 44.94 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion:112 Resp: 411140
 Ion Ratio Lower Upper
 112 100
 64 59.8 42.2 63.2
 63 31.1 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: 28.70 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961

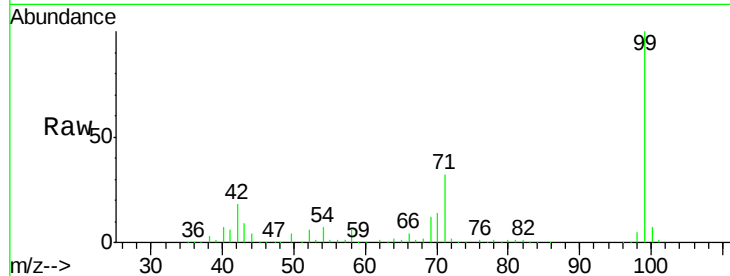
Tgt Ion: 99 Resp: 329319

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

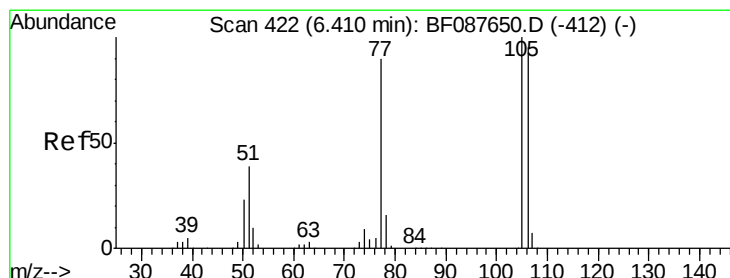
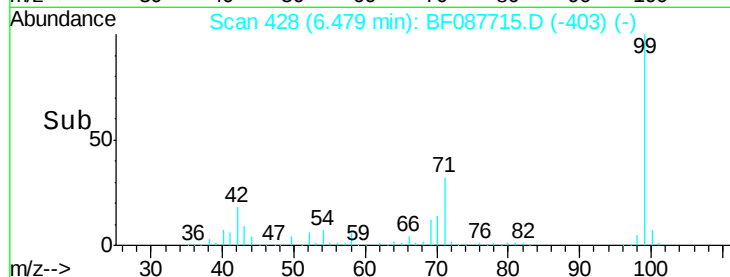
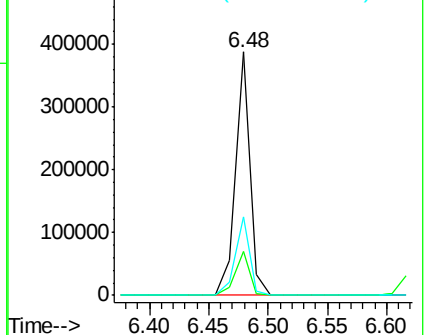
71 32.4 23.4 35.0



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: 2.47 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

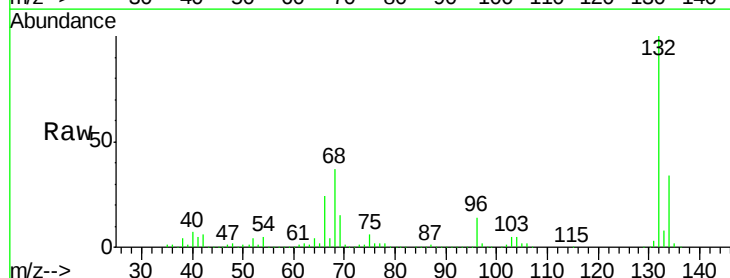
Tgt Ion: 77 Resp: 19135

Ion Ratio Lower Upper

77 100

105 83.3 90.6 130.6#

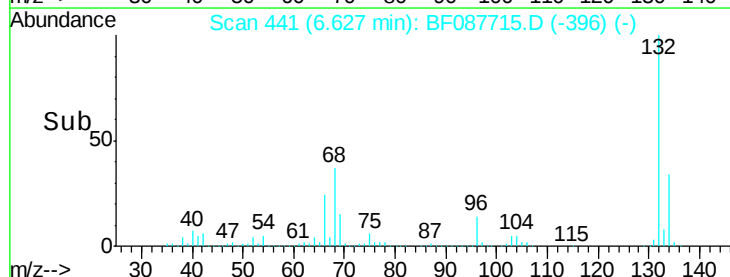
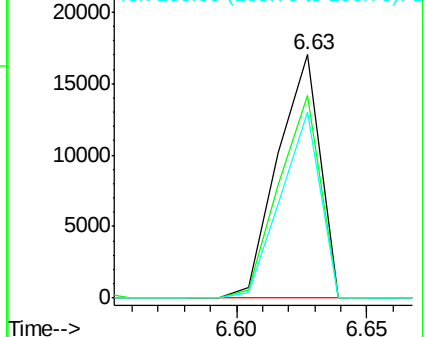
106 76.2 85.3 125.3#

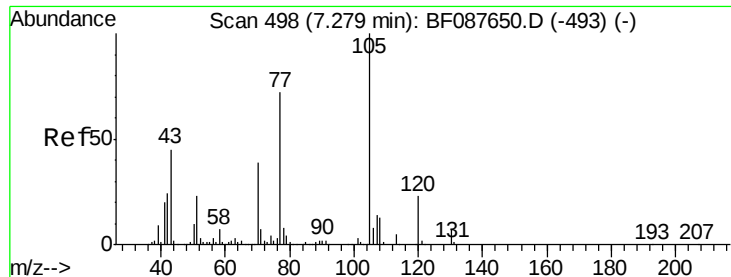


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

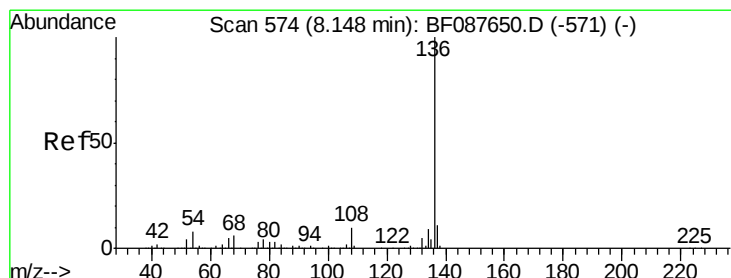
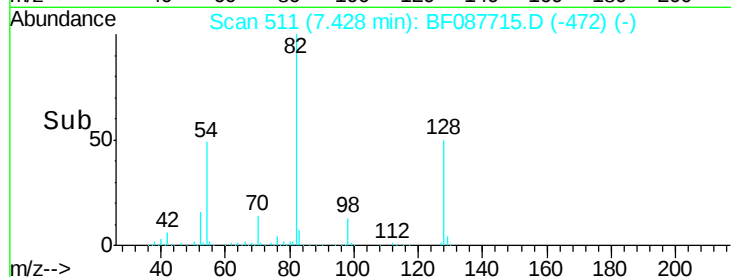
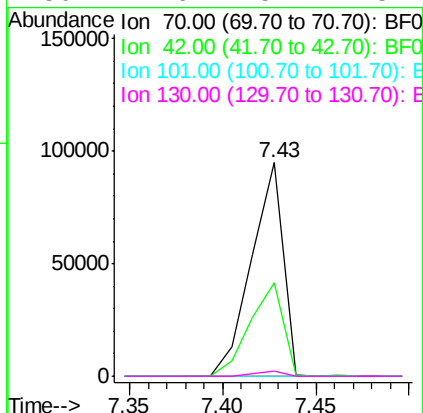
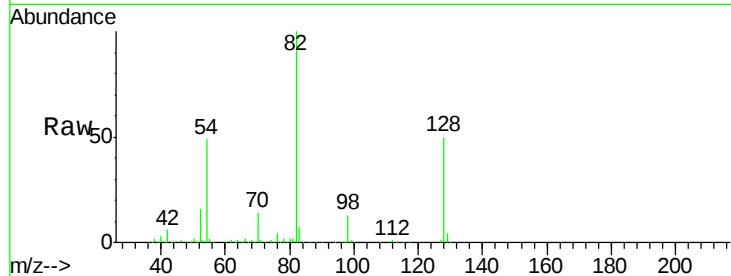




#19
n-Nitroso-di-n-propylamine
Concen: 15.54 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

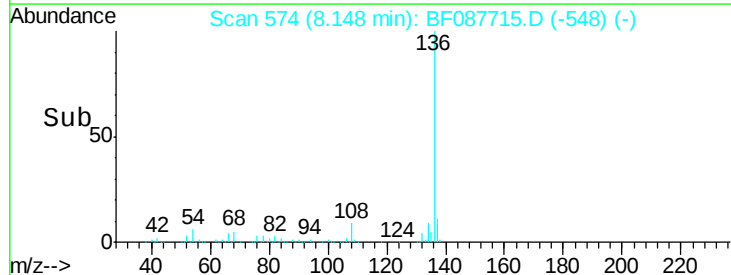
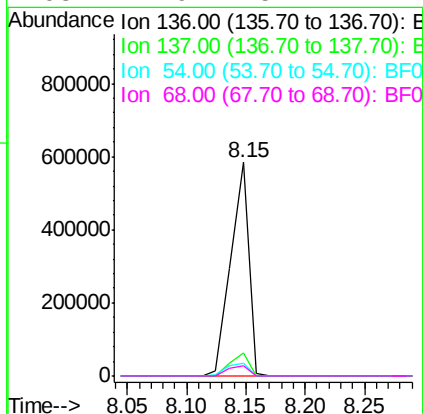
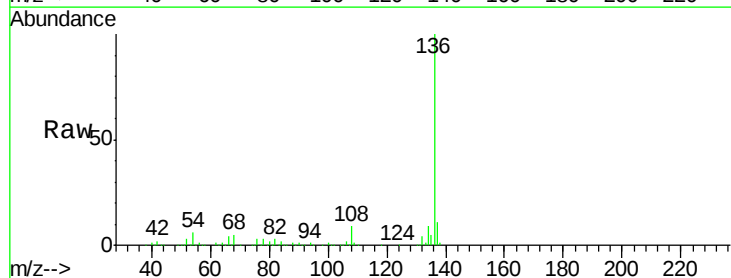
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961

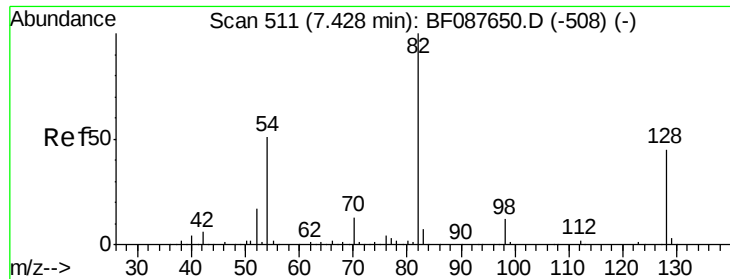
Tgt Ion: 70 Resp: 111339
Ion Ratio Lower Upper
70 100
42 43.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

Tgt Ion: 136 Resp: 619693
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.9 6.6 10.0#
68 4.9 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 77.64 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961

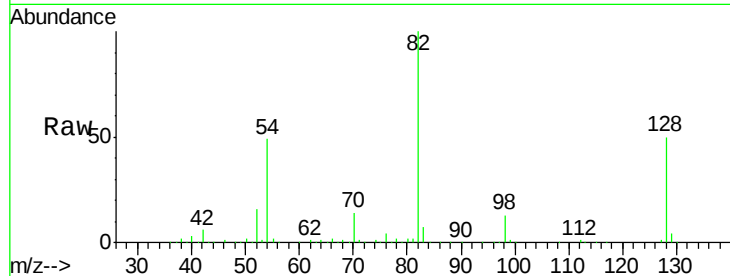
Tgt Ion: 82 Resp: 831618

Ion Ratio Lower Upper

82 100

128 49.9 35.9 53.9

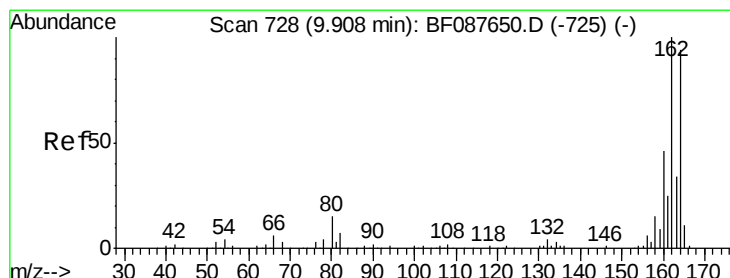
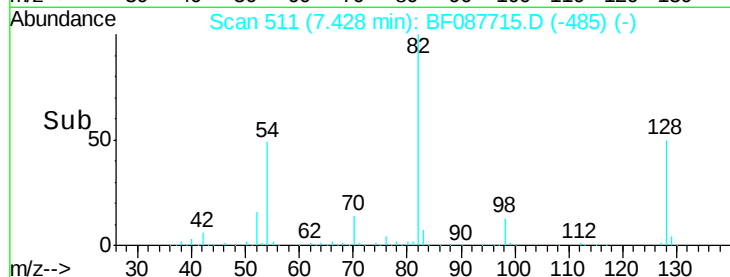
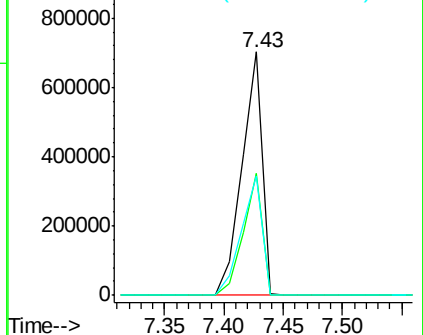
54 48.9 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF087715.D

Acq: 5 Jun 2016 18:51

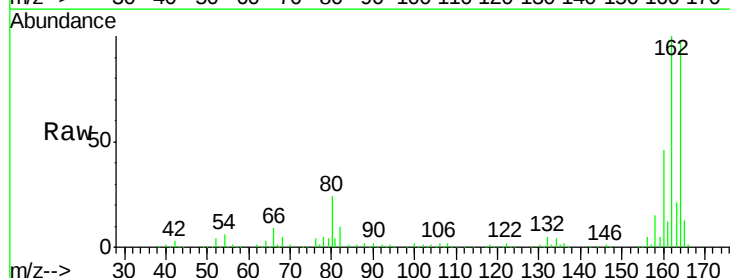
Tgt Ion: 164 Resp: 278060

Ion Ratio Lower Upper

164 100

162 102.8 85.4 128.2

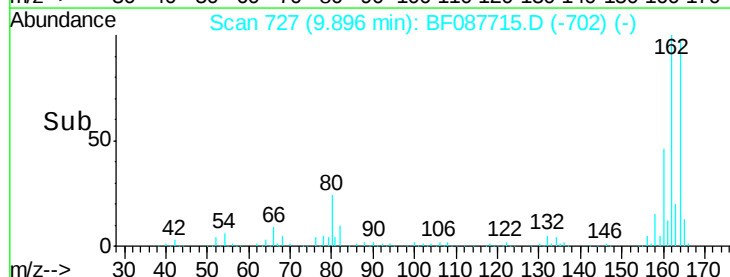
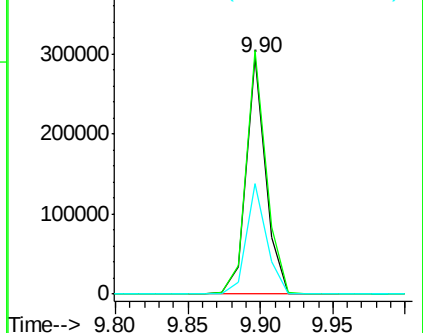
160 46.8 39.5 59.3

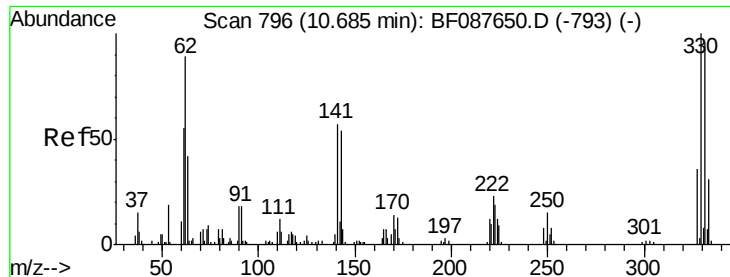


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

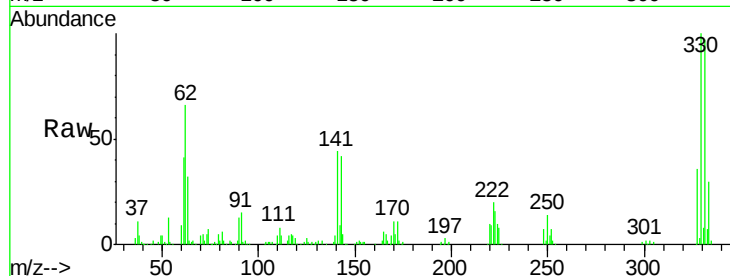




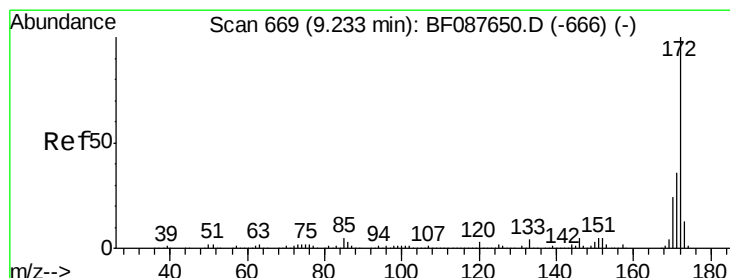
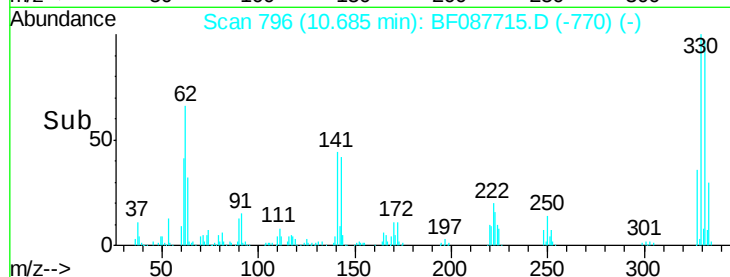
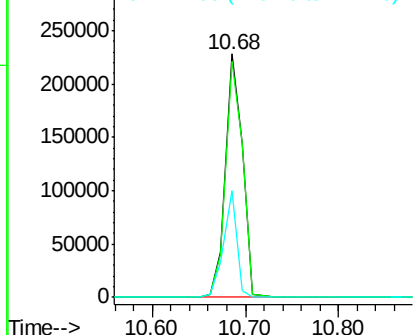
#41
 2,4,6-Tribromophenol
 Concen: 104.26 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Instrument :
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Tgt Ion:330 Resp: 291007
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 33.9 0.0 0.0#

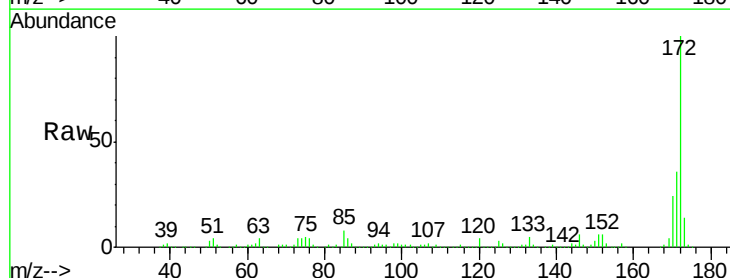


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

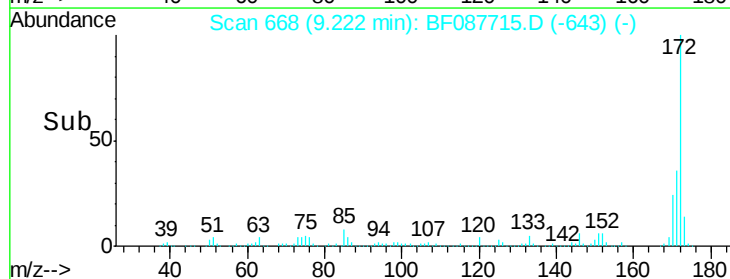
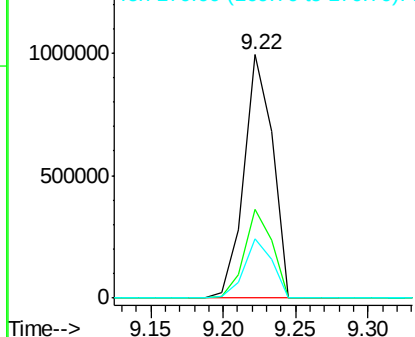


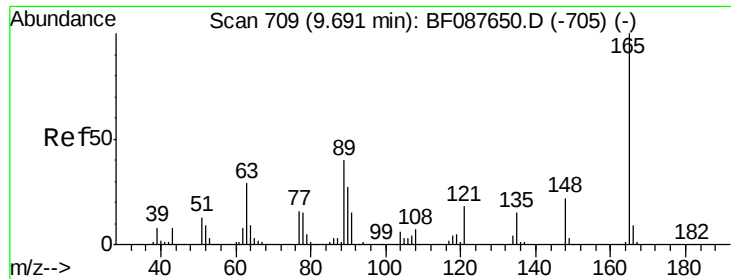
#44
 2-Fluorobiphenyl
 Concen: 71.45 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion:172 Resp: 1361329
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.5 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

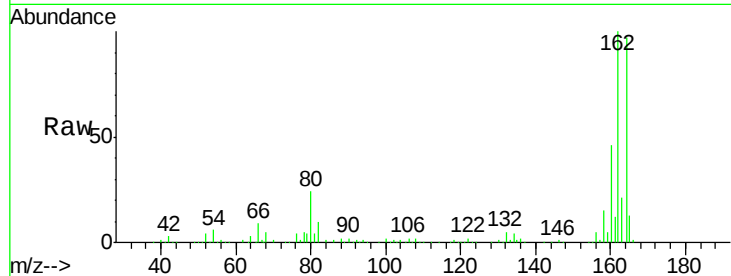




#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

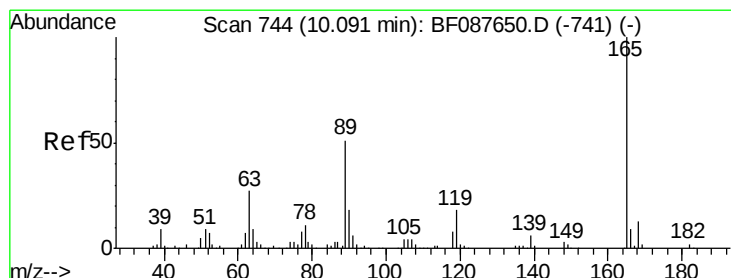
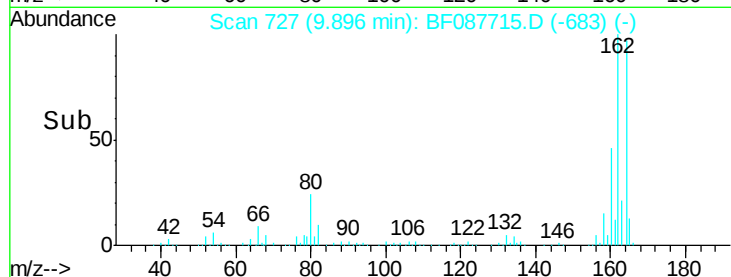
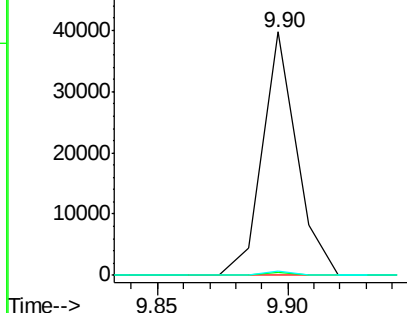
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	35915		
63	1.1	28.1	42.1#	
89	1.5	32.2	48.2#	



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: 6.13 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

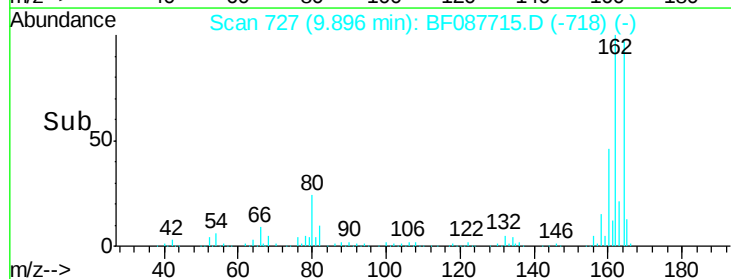
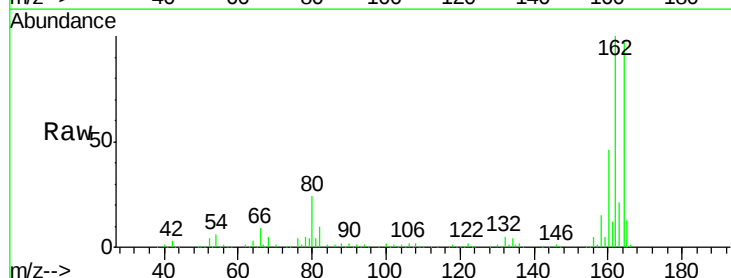
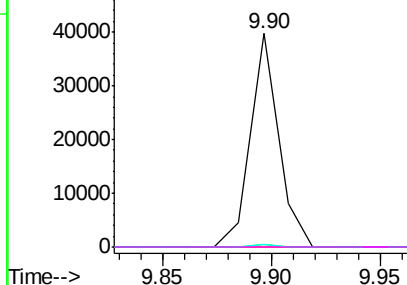
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	35917		
63	1.1	22.0	33.0#	
89	1.5	41.1	61.7#	
182	0.0	2.0	3.0#	

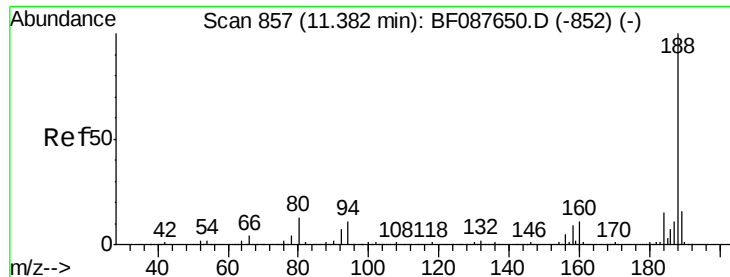
Abundance Ion 165.00 (164.70 to 165.70): E

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

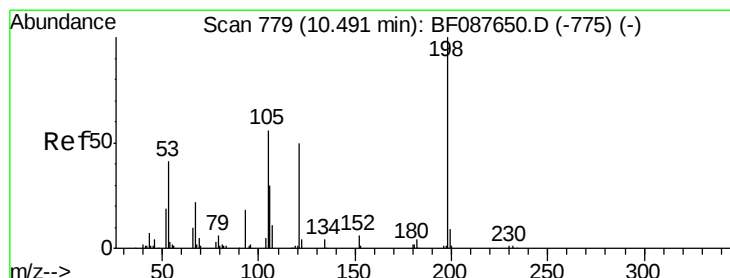
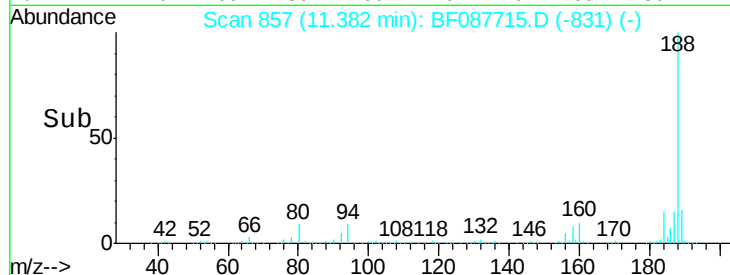
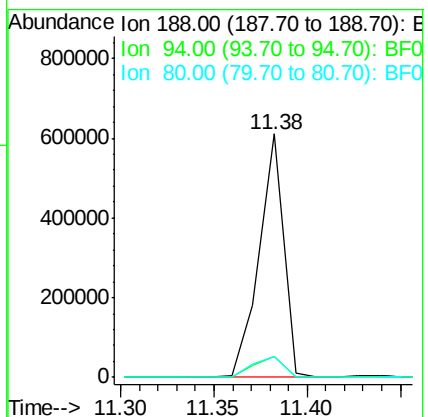
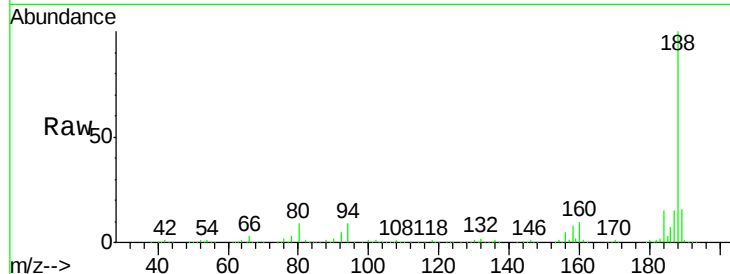




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

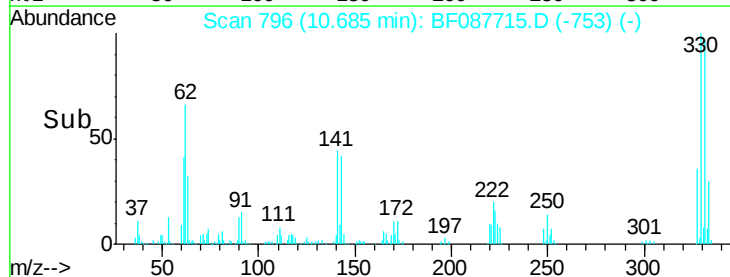
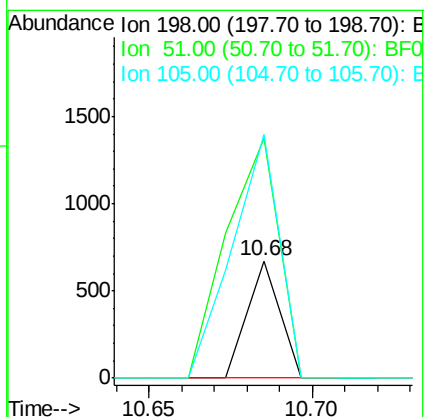
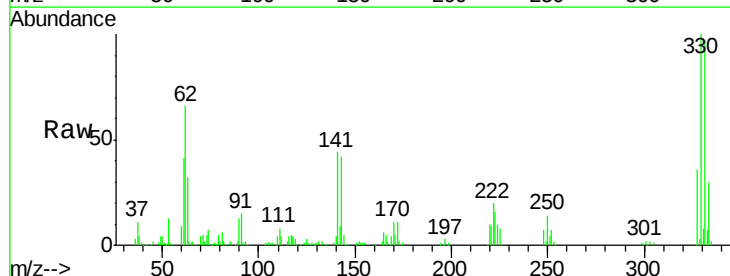
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961

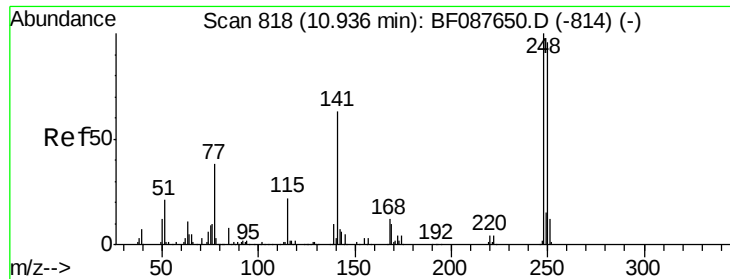
Tgt Ion:188 Resp: 554635
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 8.7 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.16 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

Tgt Ion:198 Resp: 462
Ion Ratio Lower Upper
198 100
51 203.7 39.6 79.6#
105 207.4 36.6 76.6#





#66

4-Bromophenyl-phenylether

Concen: 2.96 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961

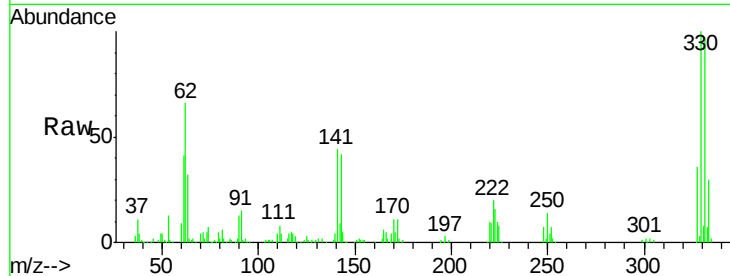
Tgt Ion:248 Resp: 16255

Ion Ratio Lower Upper

248 100

250 201.5 77.1 115.7#

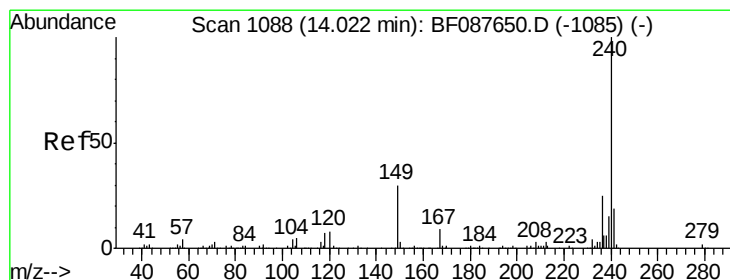
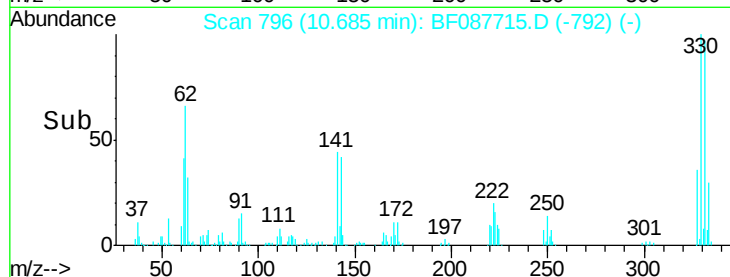
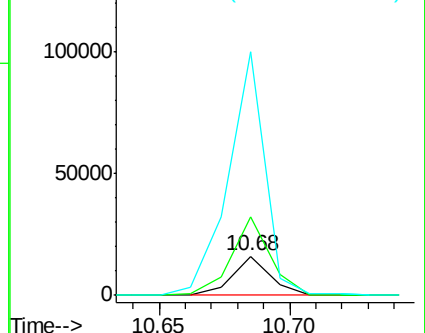
141 620.7 50.6 76.0#



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

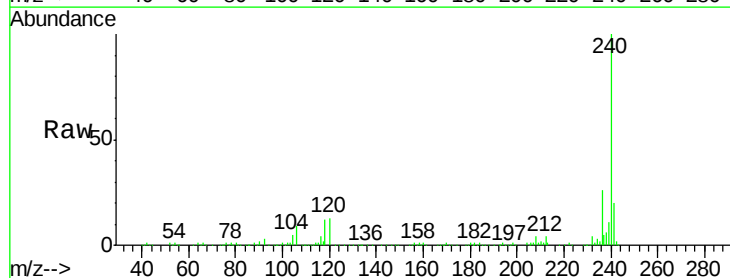
Tgt Ion:240 Resp: 414007

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

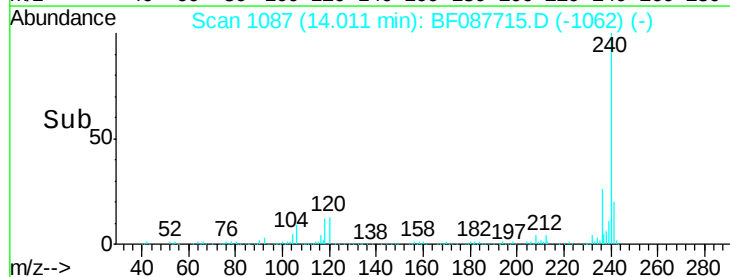
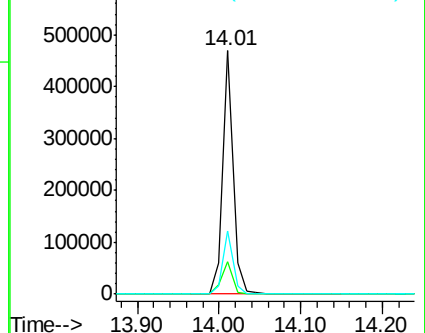
236 26.1 20.2 30.2

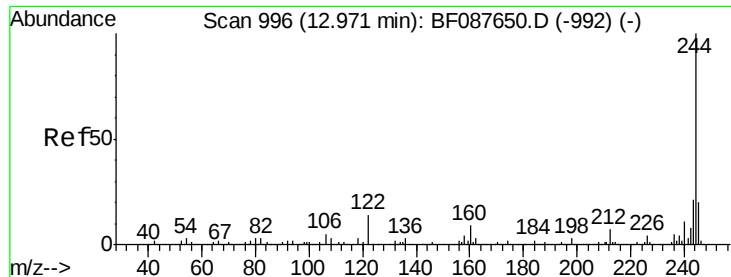


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

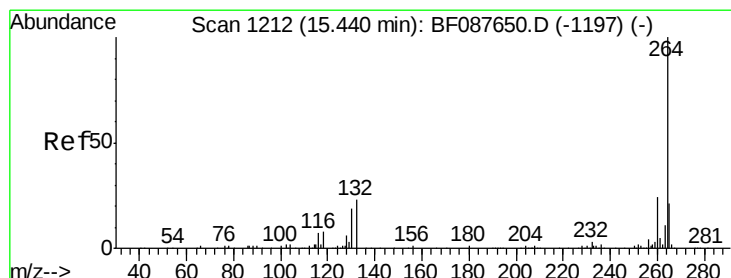
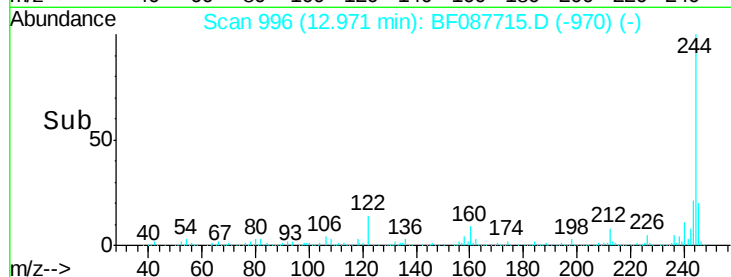
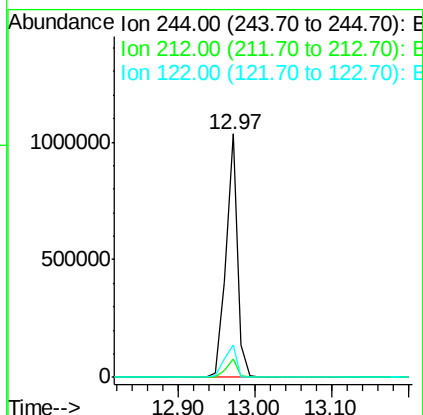
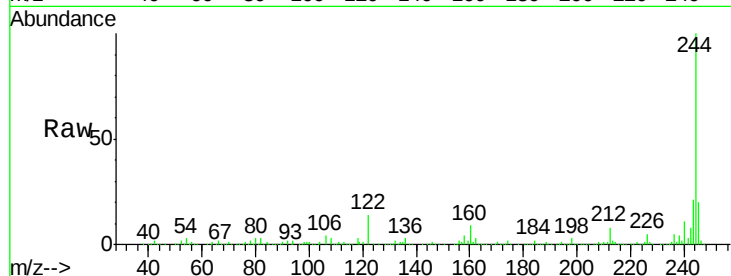




#78
 Terphenyl-d14
 Concen: 65.20 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Tgt Ion:244 Resp: 1106276
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion:264 Resp: 321142
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

