

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080114.D
 Acq On : 23 Jun 2015 2:57
 Operator : TP/IZ
 Sample : G2715-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-7

Quant Time: Jun 23 05:00:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

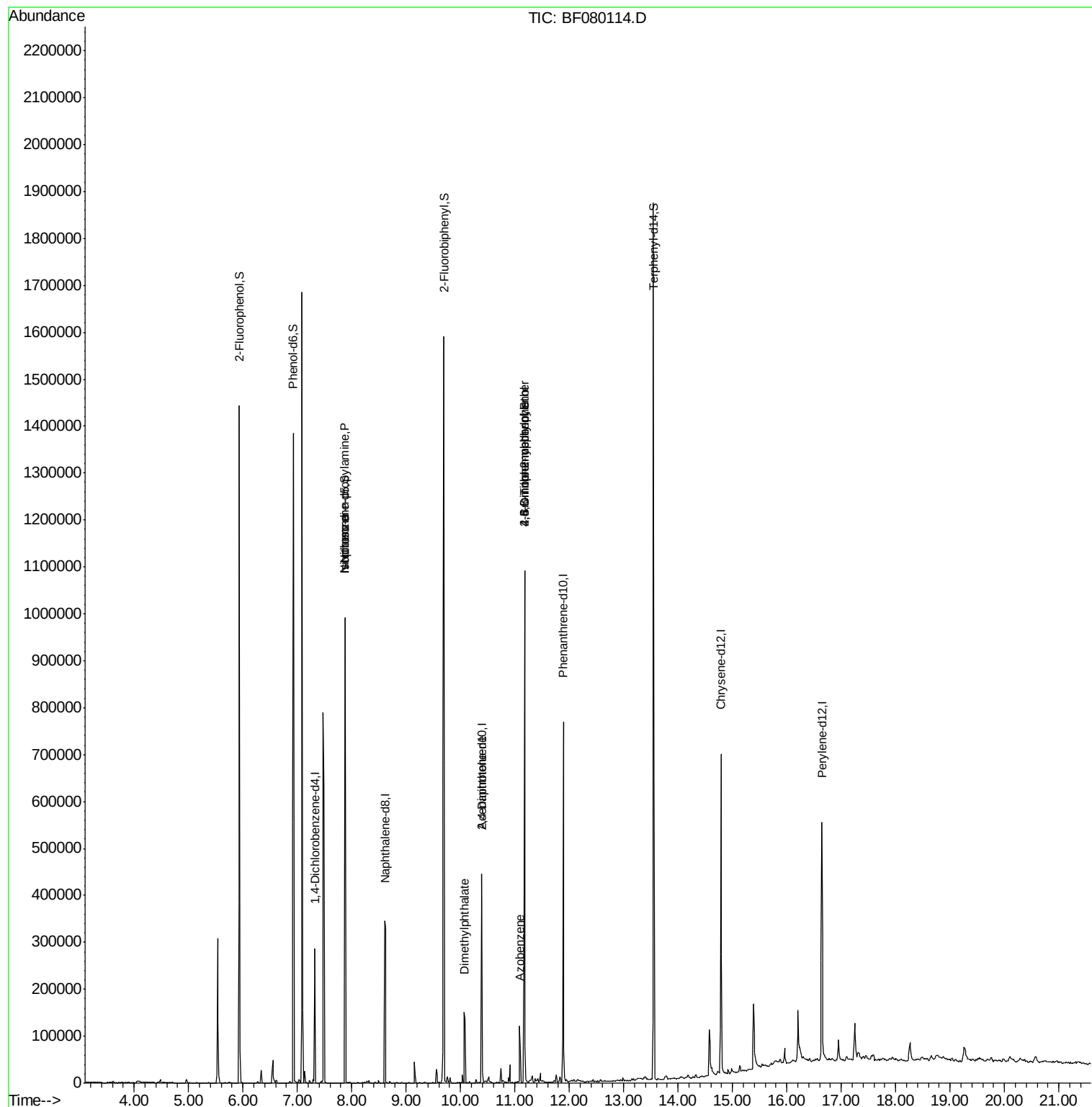
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	58096	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	228075	20.00	ng	0.00
38) Acenaphthene-d10	10.39	164	121215	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	257274	20.00	ng	-0.02
75) Chrysene-d12	14.79	240	279379	20.00	ng	-0.21
86) Perylene-d12	16.64	264	277787	20.00	ng	-0.29
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	373615	113.84	ng	0.00
7) Phenol-d6	6.93	99	504717	115.57	ng	0.00
23) Nitrobenzene-d5	7.88	82	276482	70.57	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	122069	102.99	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	560559	65.95	ng	0.00
78) Terphenyl-d14	13.54	244	635345	53.11	ng	-0.13
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	36071	11.90	ng	# 61
25) Isophorone	7.88	82	263786	33.46	ng	# 58
49) Dimethylphthalate	10.08	163	87233	9.57	ng	# 96
56) 2,4-Dinitrotoluene	10.39	165	15114	6.52	ng	# 31
62) Azobenzene	11.09	77	29315	3.14	ng	# 25
64) 4,6-Dinitro-2-methylphenol	11.18	198	343	3.81	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	9007	3.29	ng	# 1

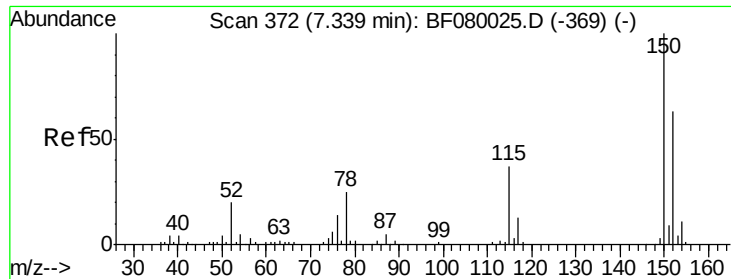
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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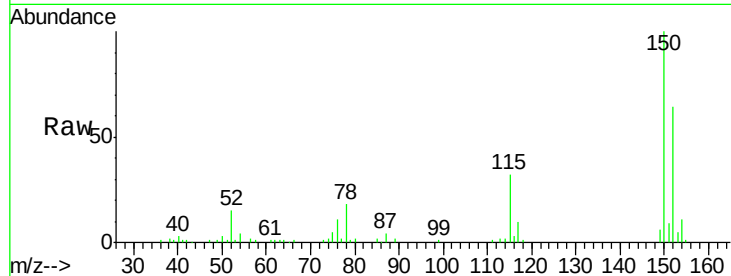




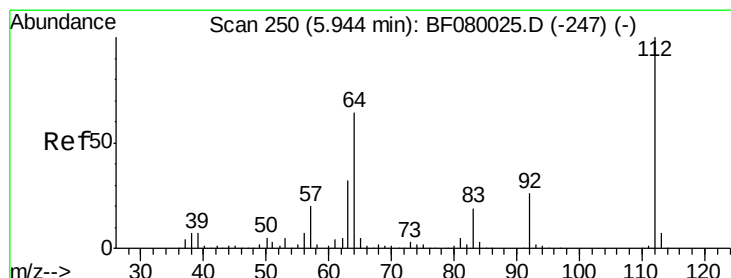
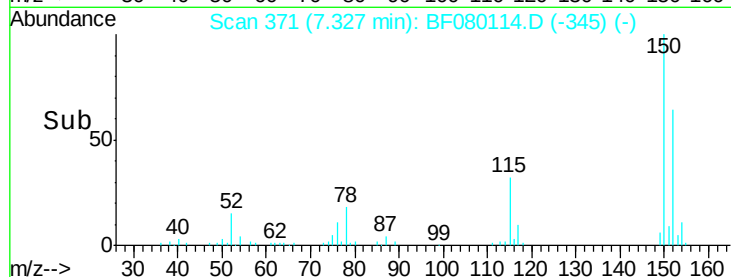
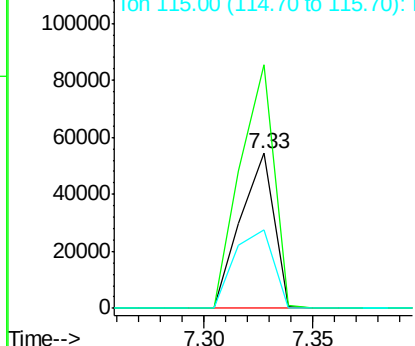
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080114.D
 Acq: 23 Jun 2015 2:57

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-7

Tgt Ion:152 Resp: 58096
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 50.4 39.0 58.4

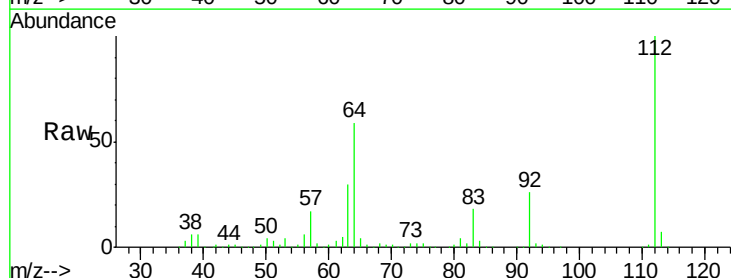


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

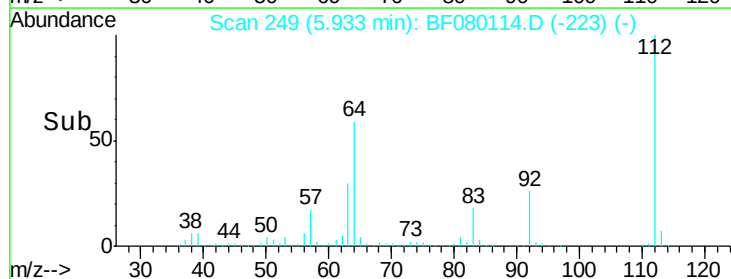
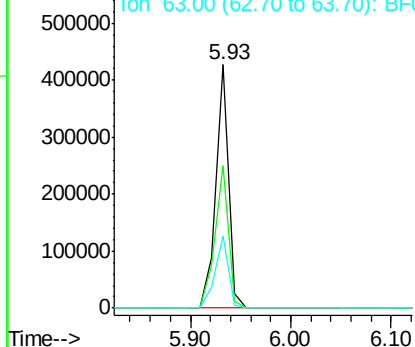


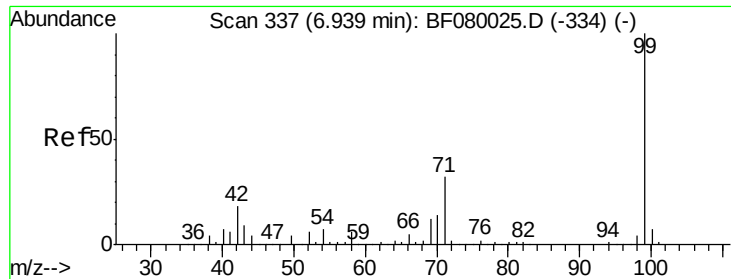
#5
 2-Fluorophenol
 Concen: 113.84 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080114.D
 Acq: 23 Jun 2015 2:57

Tgt Ion:112 Resp: 373615
 Ion Ratio Lower Upper
 112 100
 64 58.5 39.7 59.5
 63 29.5 17.4 26.0#



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: 115.57 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-7

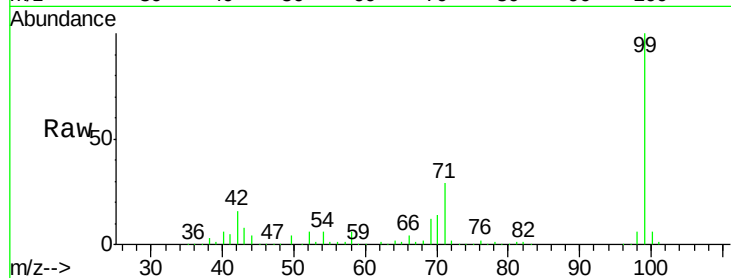
Tgt Ion: 99 Resp: 504717

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

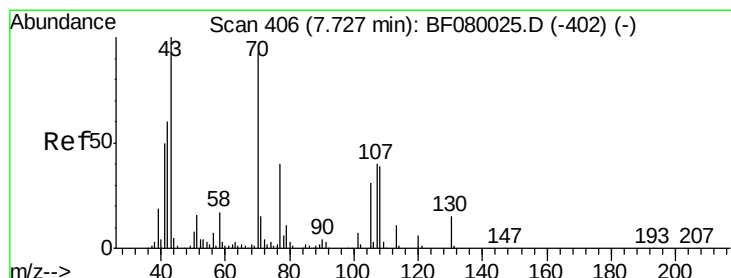
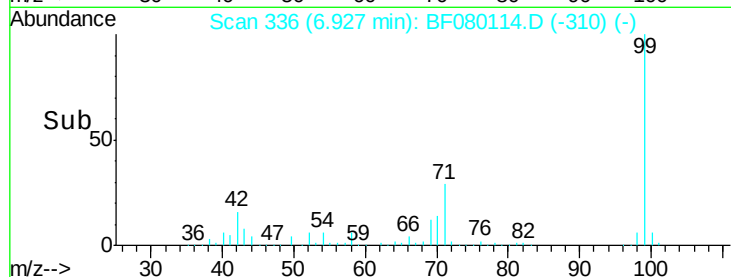
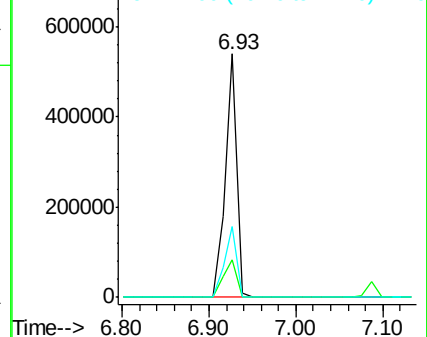
71 29.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.90 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

Tgt Ion: 70 Resp: 36071

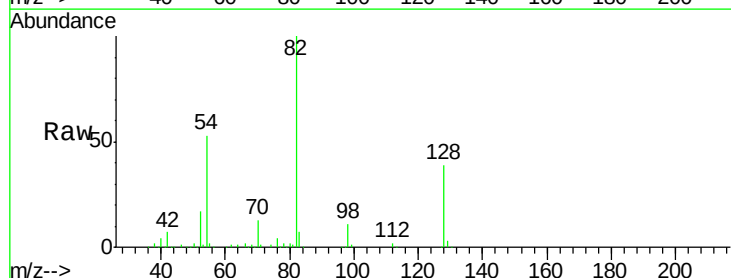
Ion Ratio Lower Upper

70 100

42 50.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

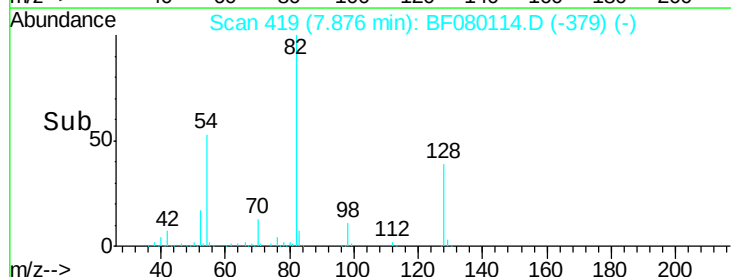
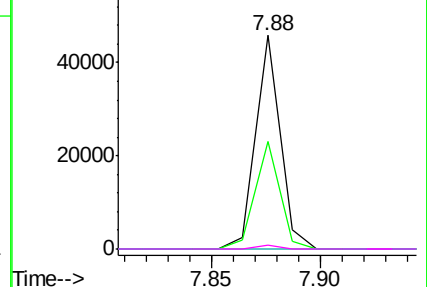


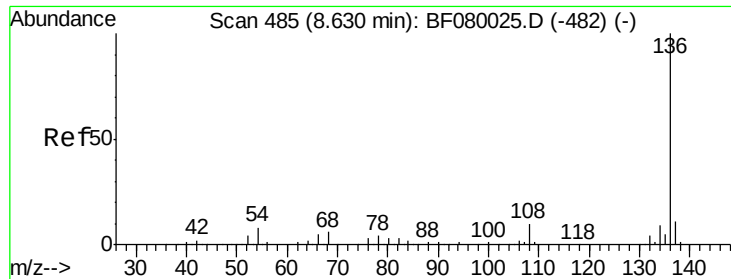
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

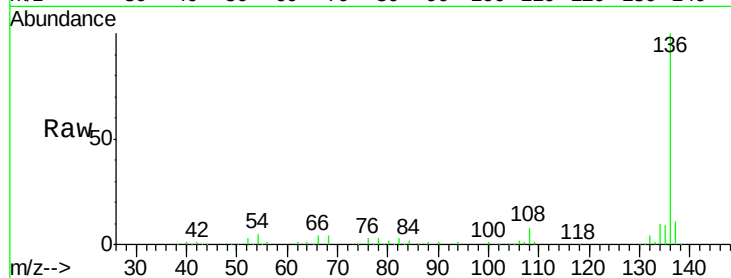




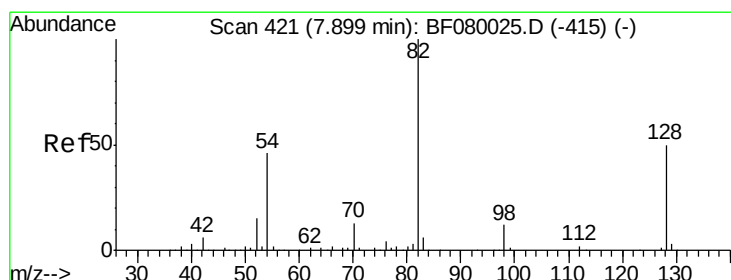
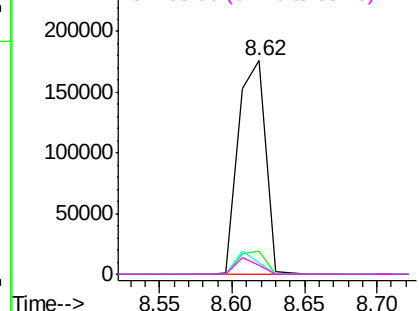
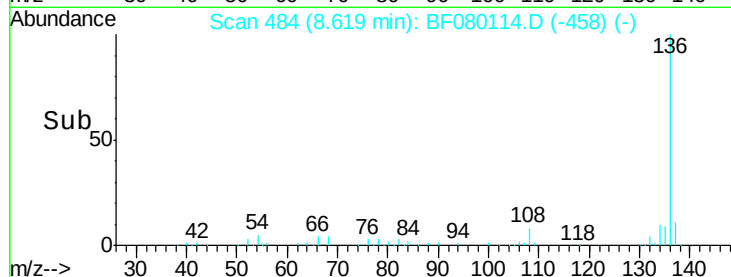
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080114.D
Acq: 23 Jun 2015 2:57

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-7

Tgt Ion:	136	Resp:	228075
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	5.3	8.2	12.2#
68	4.4	5.8	8.6#

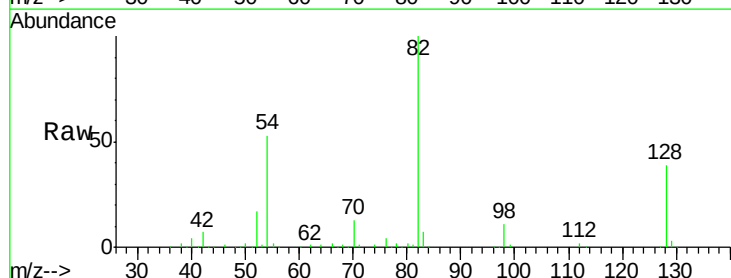


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

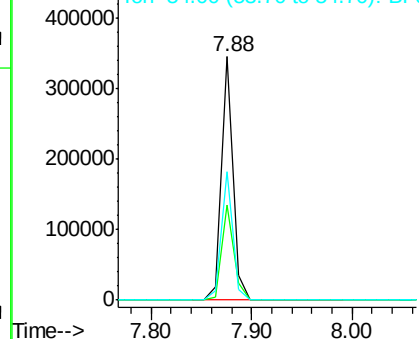
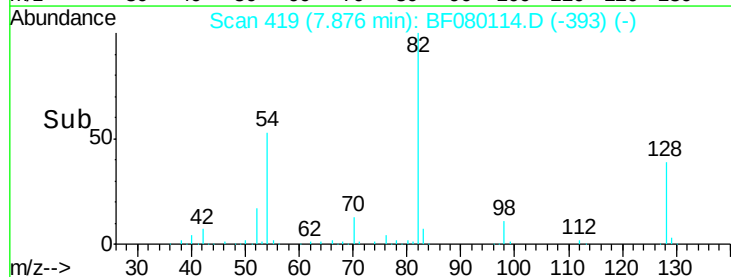


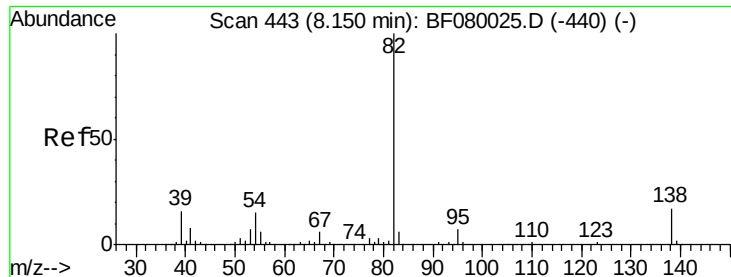
#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080114.D
Acq: 23 Jun 2015 2:57

Tgt Ion:	82	Resp:	276482
Ion Ratio	Lower	Upper	
82	100		
128	39.2	51.0	76.6#
54	53.0	47.5	71.3



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





#25

Isophorone

Concen: 33.46 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-7

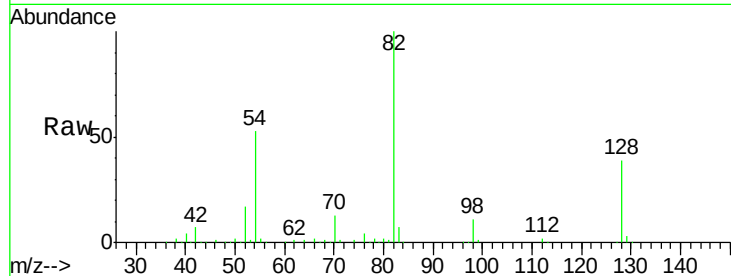
Tgt Ion: 82 Resp: 263786

Ion Ratio Lower Upper

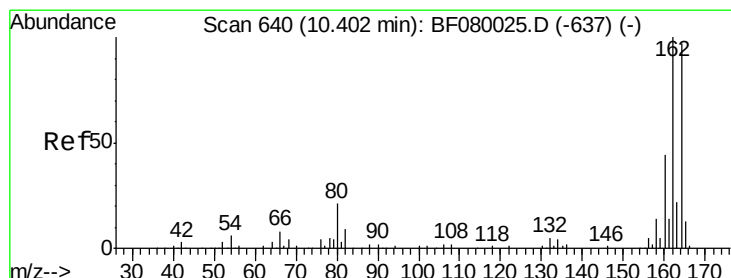
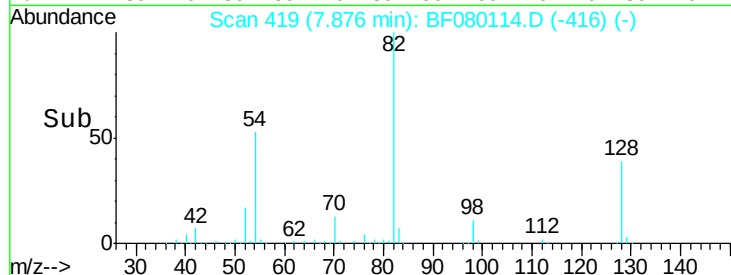
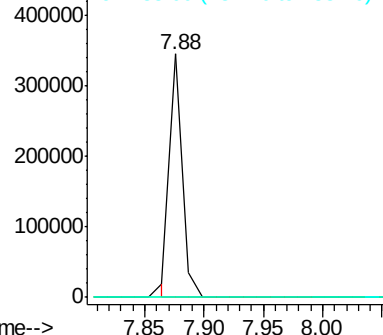
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

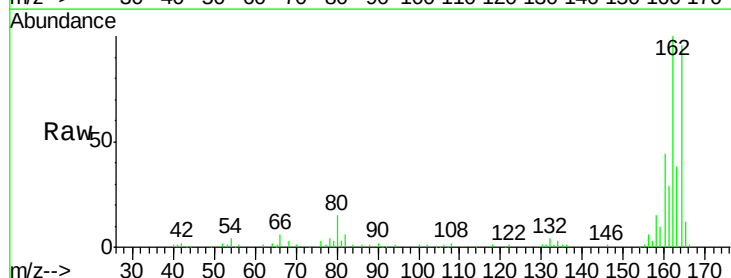
Tgt Ion: 164 Resp: 121215

Ion Ratio Lower Upper

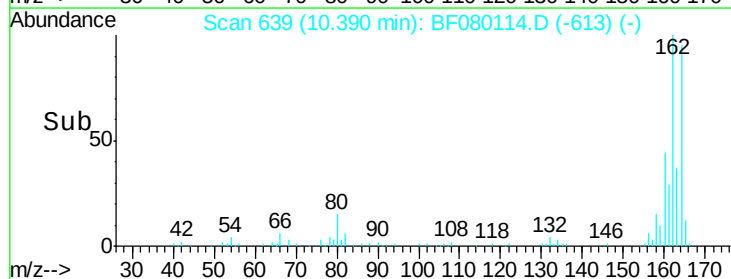
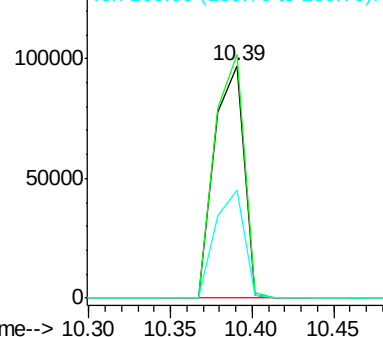
164 100

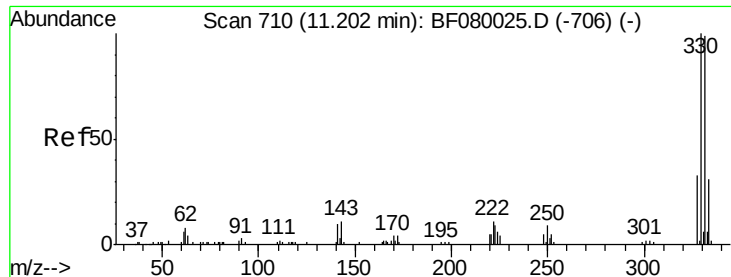
162 104.7 75.2 112.8

160 46.4 31.5 47.3



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

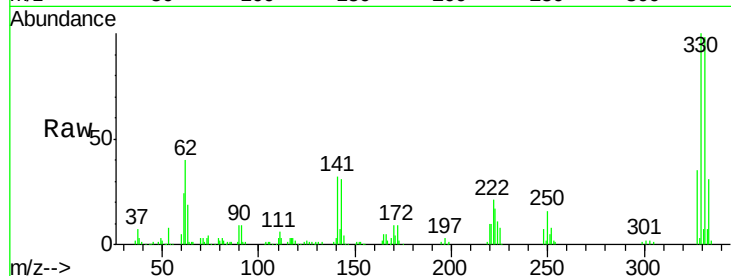




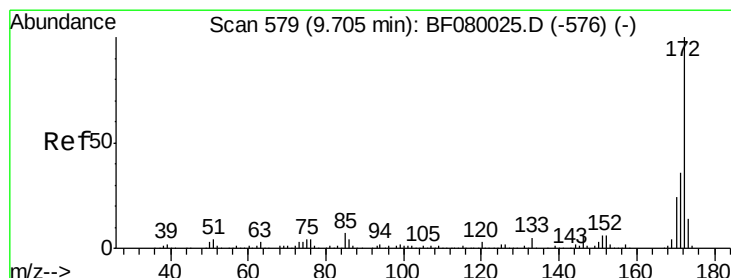
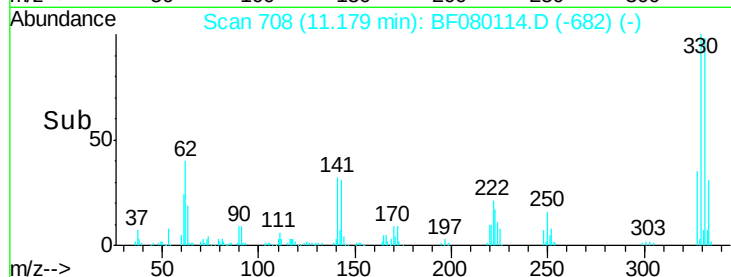
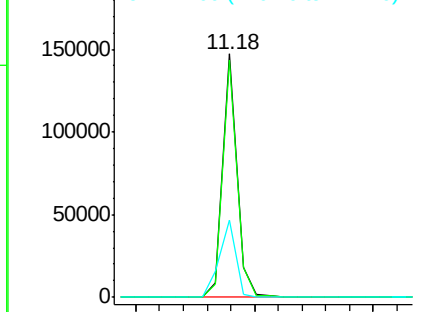
#41
 2,4,6-Tribromophenol
 Concen: 102.99 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080114.D
 Acq: 23 Jun 2015 2:57

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-7

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	36.5	29.7	44.5

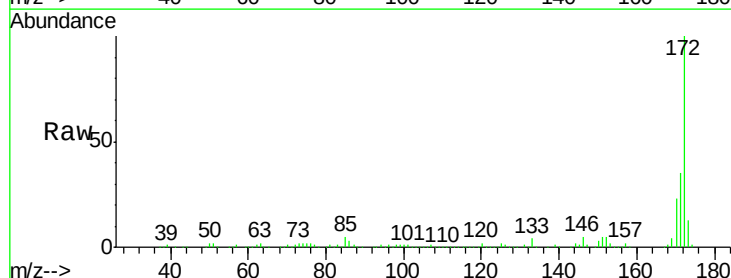


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

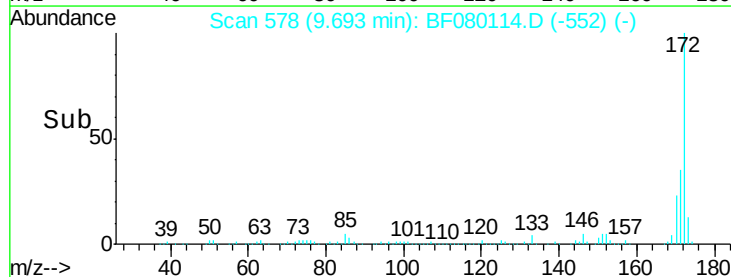
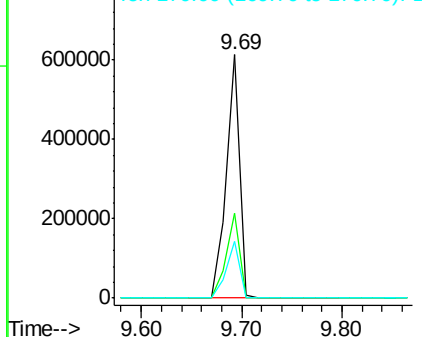


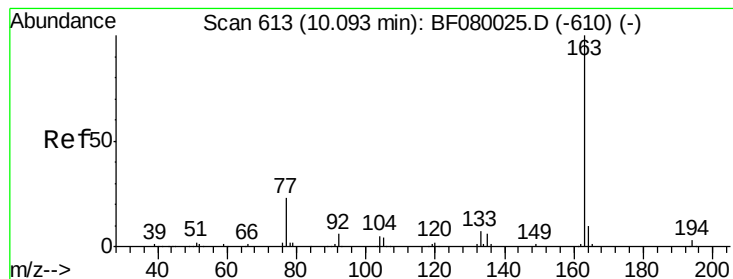
#44
 2-Fluorobiphenyl
 Concen: 65.95 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080114.D
 Acq: 23 Jun 2015 2:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.3	17.4	26.2



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





#49

Dimethylphthalate

Concen: 9.57 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

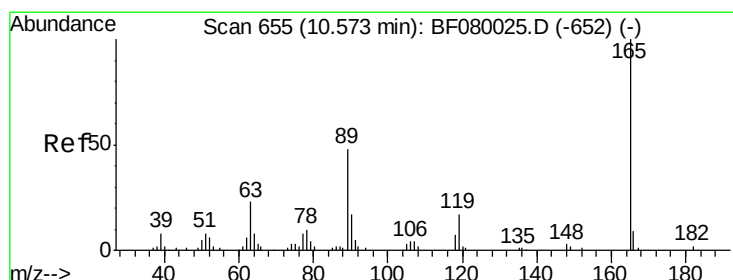
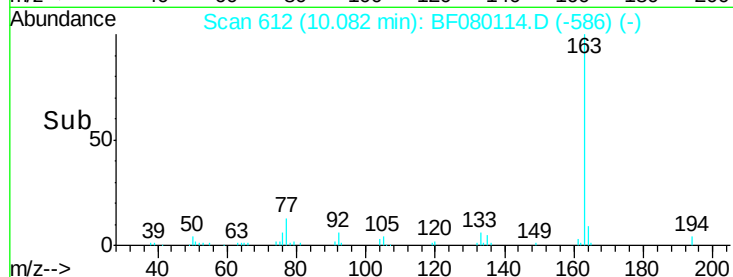
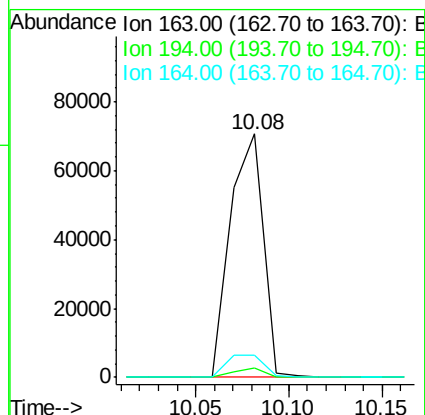
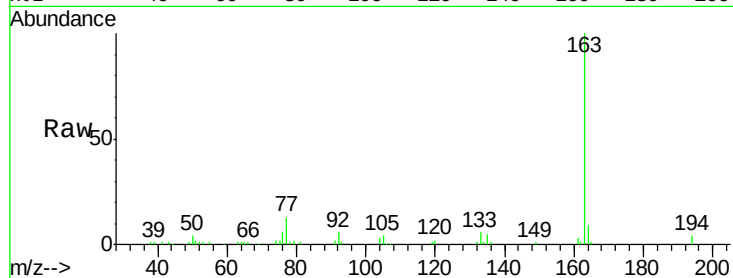
Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-7

Tgt Ion:	163	Resp:	87233
Ion Ratio	Lower	Upper	
163	100		
194	4.1	4.4	6.6#
164	9.1	8.3	12.5



#56

2,4-Dinitrotoluene

Concen: 6.52 ng

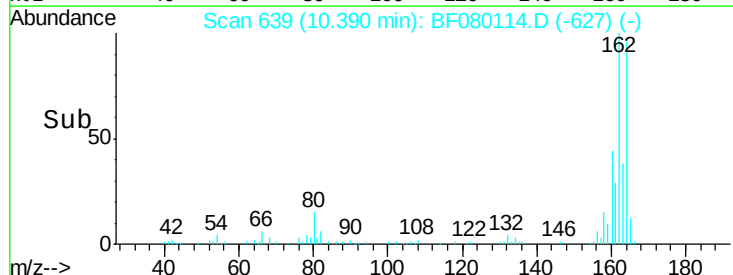
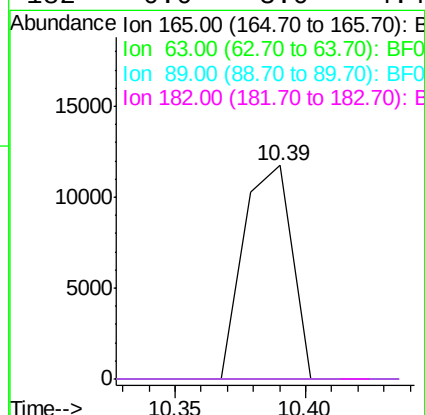
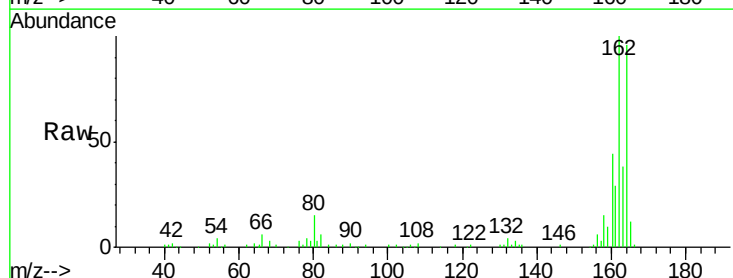
RT: 10.39 min Scan# 639

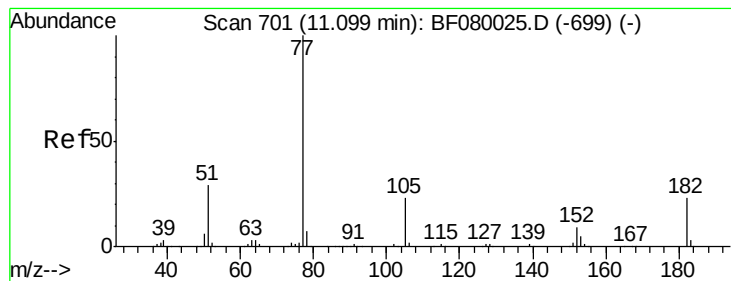
Delta R.T. -0.16 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

Tgt Ion:	165	Resp:	15114
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#





#62

Azobenzene

Concen: 3.14 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

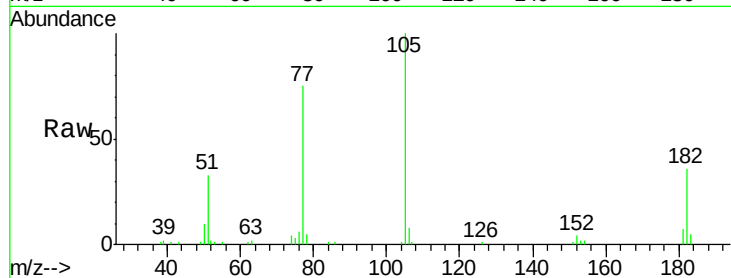
Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-7

Tgt Ion:	77	Resp:	29315
Ion Ratio	Lower	Upper	
77	100		
182	47.7	15.1	55.1
105	133.6	3.4	43.4#
51	44.3	12.0	52.0

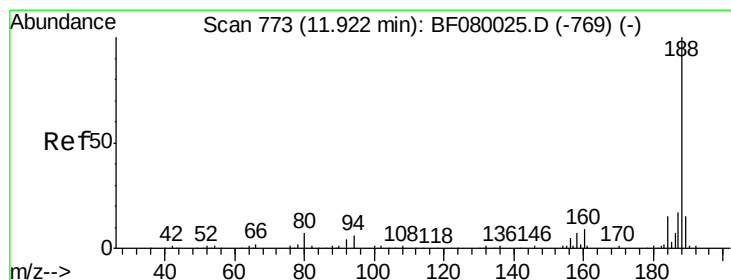
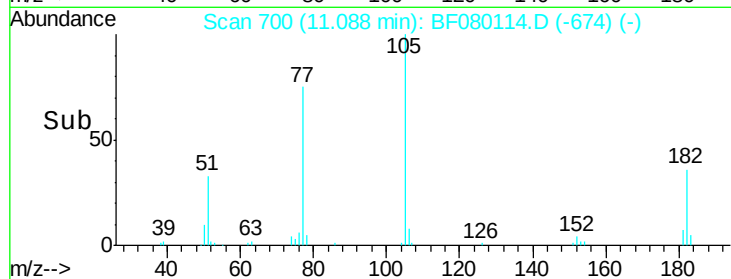
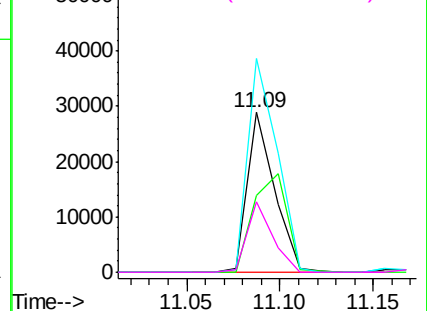


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

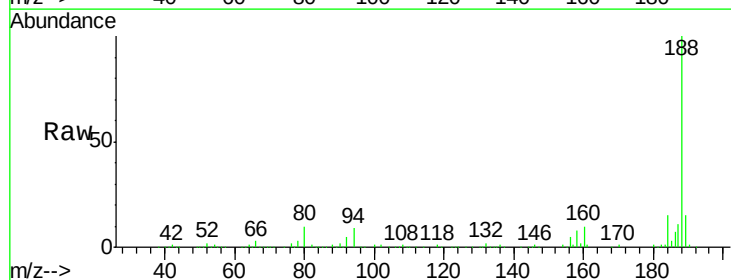
RT: 11.89 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

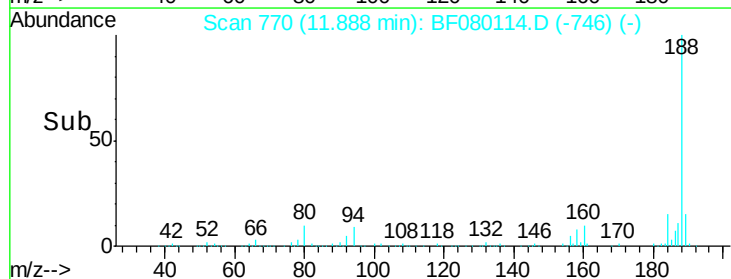
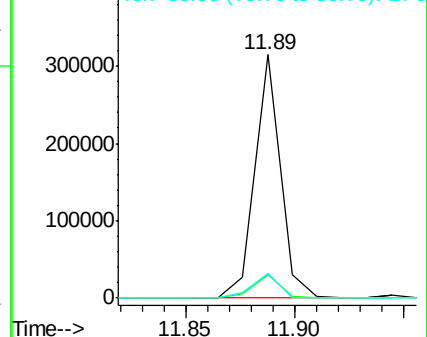
Tgt Ion:	188	Resp:	257274
Ion Ratio	Lower	Upper	
188	100		
94	9.4	11.1	16.7#
80	10.1	11.0	16.4#

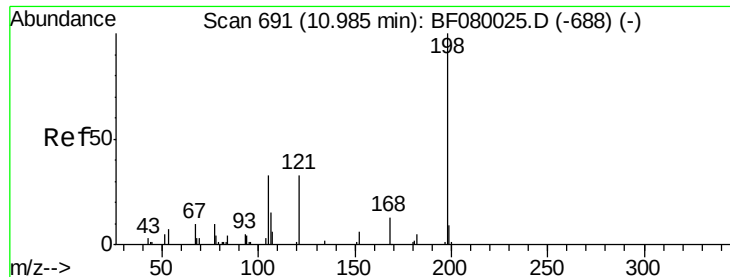


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

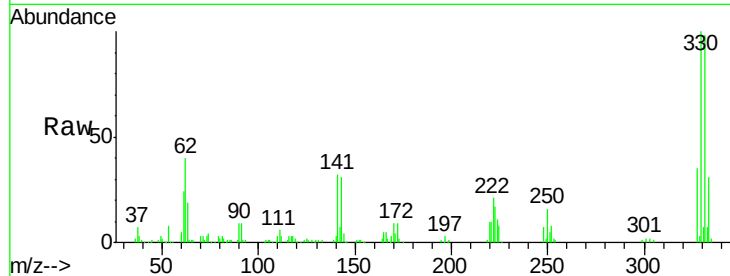




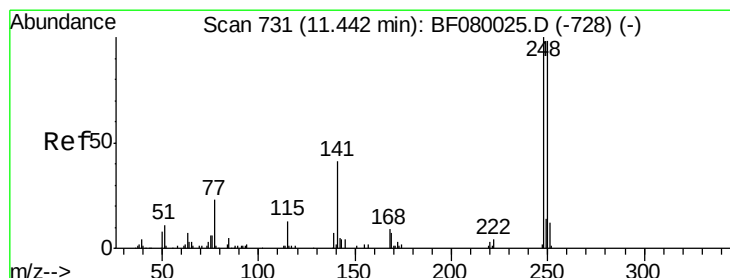
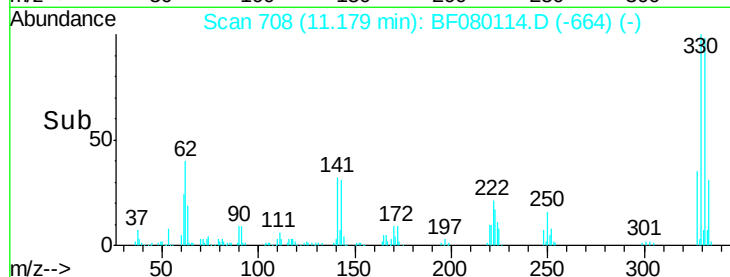
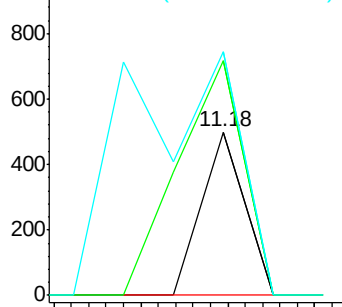
#64
4,6-Dinitro-2-methylphenol
Concen: 3.81 ng
RT: 11.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080114.D
Acq: 23 Jun 2015 2:57

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-7

Tgt Ion:198 Resp: 343
Ion Ratio Lower Upper
198 100
51 143.4 39.6 79.6#
105 148.8 28.5 68.5#

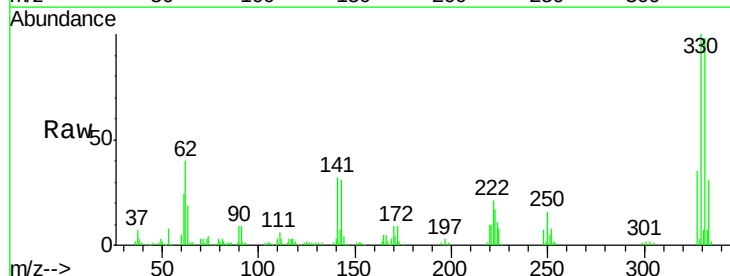


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

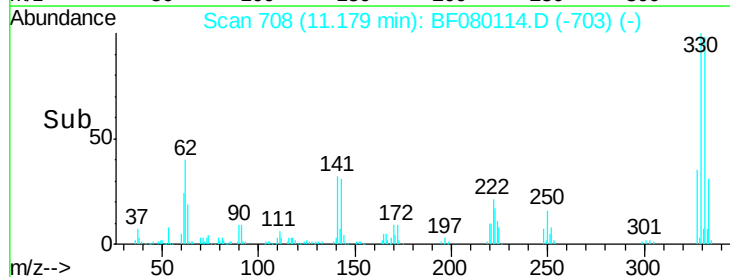
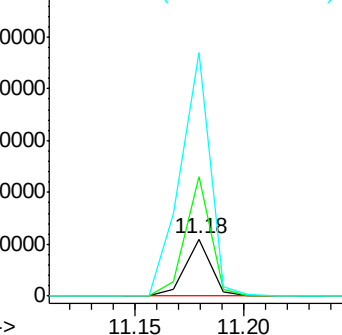


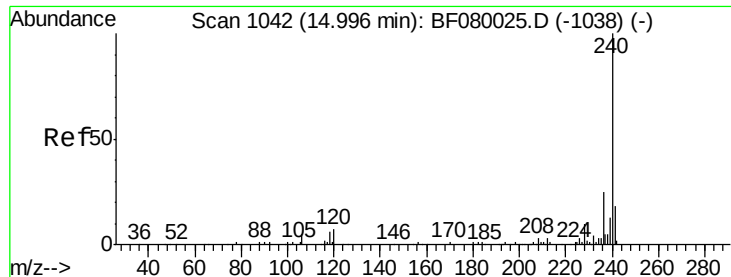
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080114.D
Acq: 23 Jun 2015 2:57

Tgt Ion:248 Resp: 9007
Ion Ratio Lower Upper
248 100
250 210.9 78.5 117.7#
141 429.4 59.0 88.6#



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: 14.79 min Scan# 1024

Delta R.T. -0.21 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-7

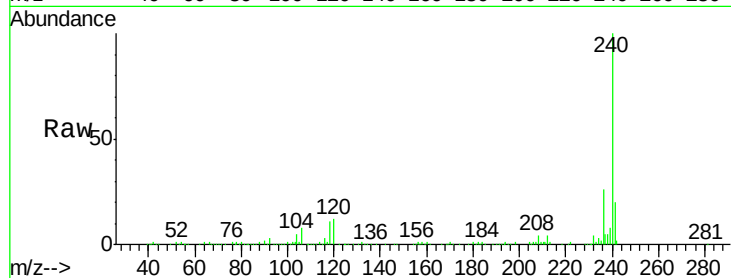
Tgt Ion:240 Resp: 279379

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

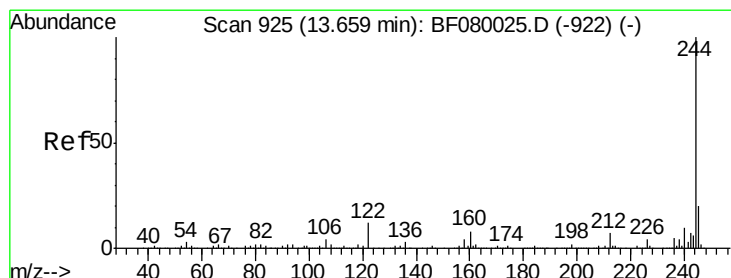
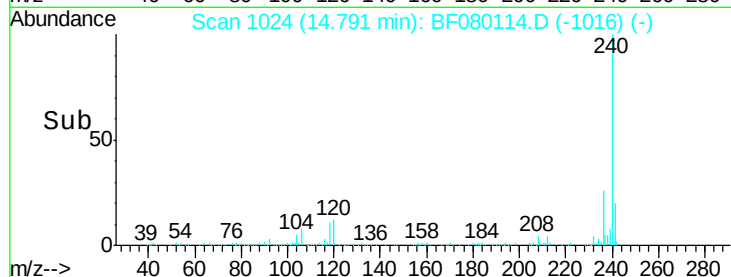
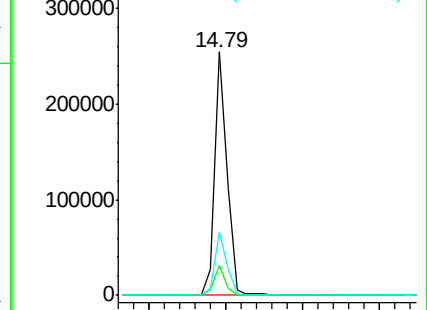
236 25.8 18.4 27.6



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: 53.11 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.13 min

Lab File: BF080114.D

Acq: 23 Jun 2015 2:57

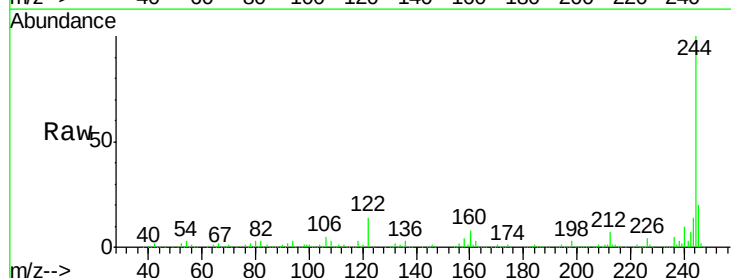
Tgt Ion:244 Resp: 635345

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

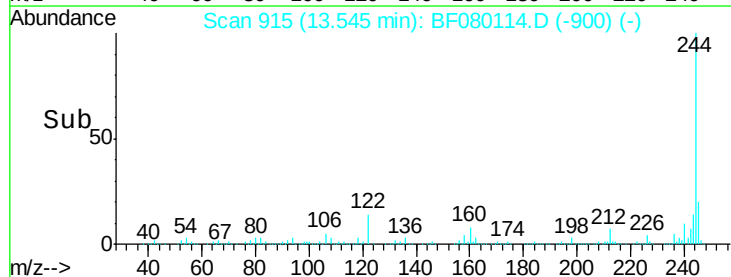
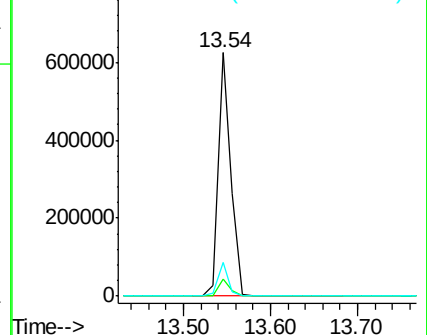
122 13.9 17.4 26.2#

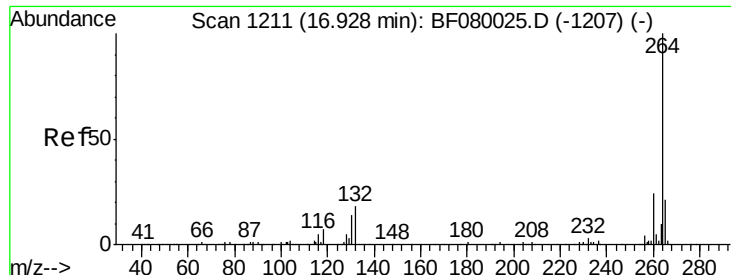


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

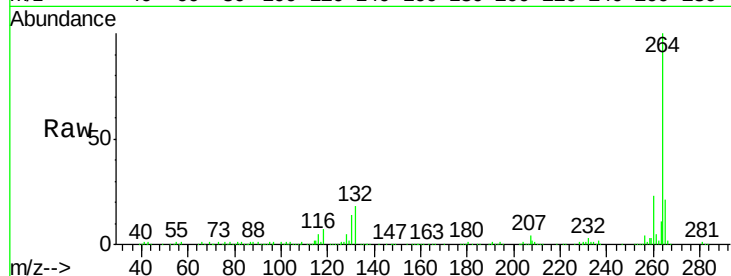




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.29 min
Lab File: BF080114.D
Acq: 23 Jun 2015 2:57

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-7

Tgt Ion: 264 Resp: 277787
Ion Ratio Lower Upper
264 100
260 23.0 16.7 25.1
265 20.7 17.2 25.8



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

