

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080111.D
 Acq On : 23 Jun 2015 1:31
 Operator : TP/IZ
 Sample : G2715-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-3

Quant Time: Jun 23 04:59:52 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

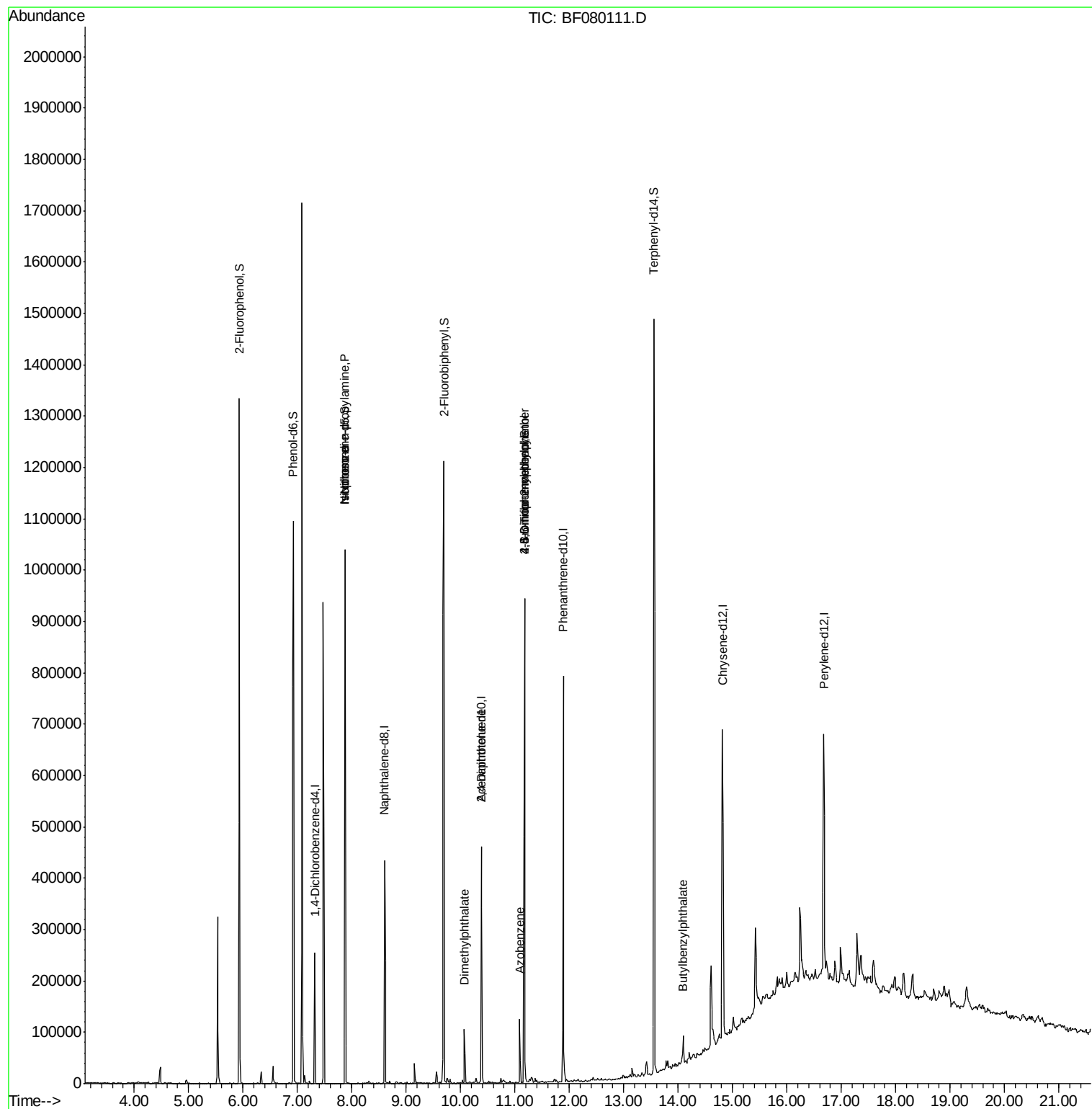
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	57183	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	228534	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	118478	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	268093	20.00	ng	-0.02
75) Chrysene-d12	14.81	240	285719	20.00	ng	-0.18
86) Perylene-d12	16.68	264	278081	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	375137	116.13	ng	0.00
7) Phenol-d6	6.93	99	487369	113.38	ng	0.00
23) Nitrobenzene-d5	7.88	82	286204	72.91	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	124548	107.50	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	517824	62.33	ng	0.00
78) Terphenyl-d14	13.56	244	600264	49.07	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	37427	12.54	ng	# 60
25) Isophorone	7.88	82	286194	36.23	ng	# 58
49) Dimethylphthalate	10.07	163	50041	5.62	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	14806	6.53	ng	# 31
62) Azobenzene	11.09	77	26029	2.85	ng	# 21
64) 4,6-Dinitro-2-methylphenol	11.18	198	235	3.69	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	8824	3.10	ng	# 1
79) Butylbenzylphthalate	14.09	149	16614	2.35	ng	# 66

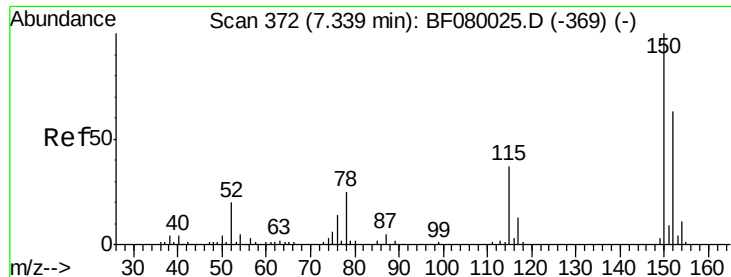
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

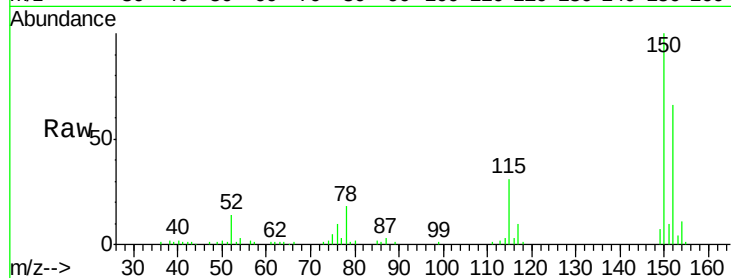
Tgt Ion:152 Resp: 57183

Ion Ratio Lower Upper

152 100

150 152.5 124.7 187.1

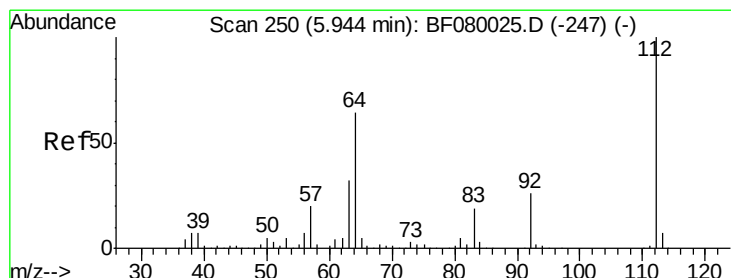
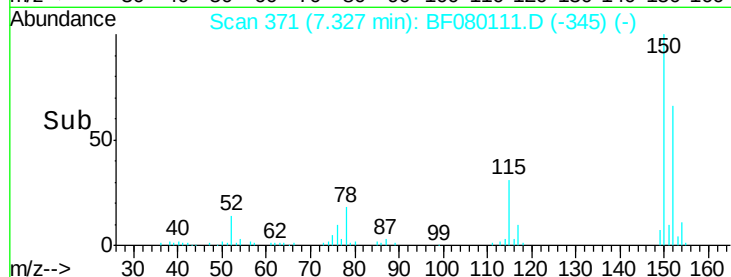
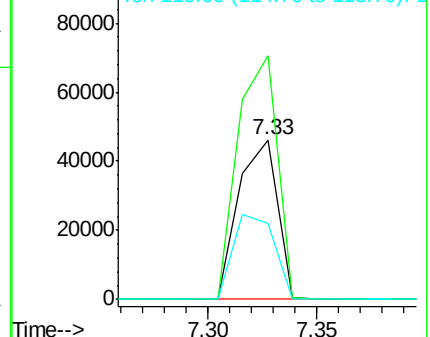
115 47.7 39.0 58.4



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: 116.13 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

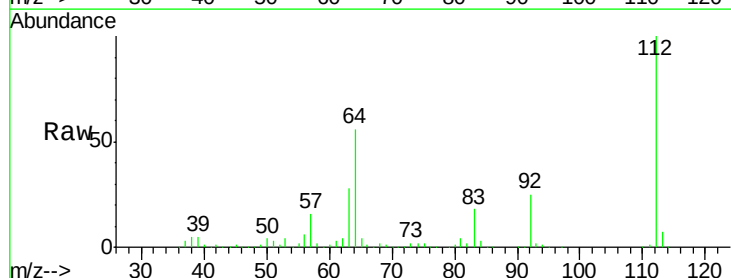
Tgt Ion:112 Resp: 375137

Ion Ratio Lower Upper

112 100

64 55.5 39.7 59.5

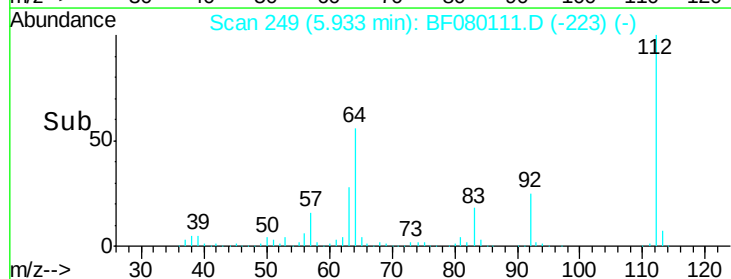
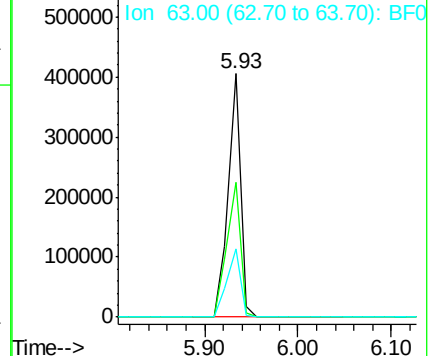
63 27.8 17.4 26.0#

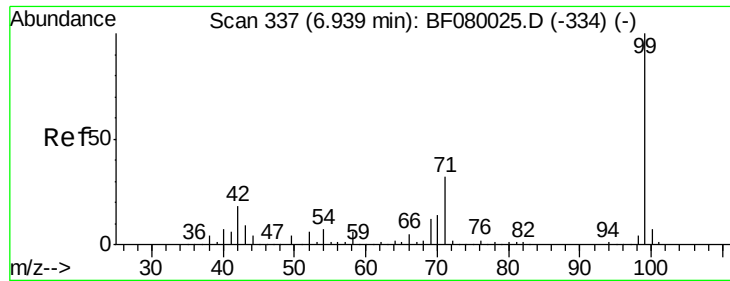


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.38 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

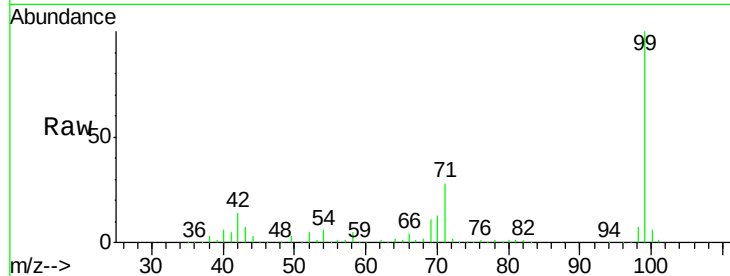
Tgt Ion: 99 Resp: 487369

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

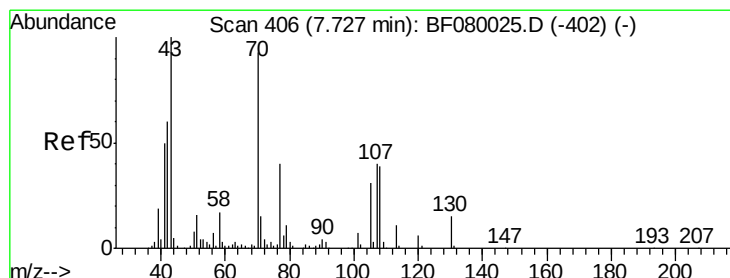
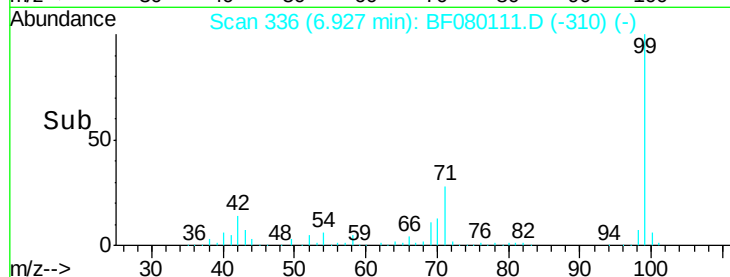
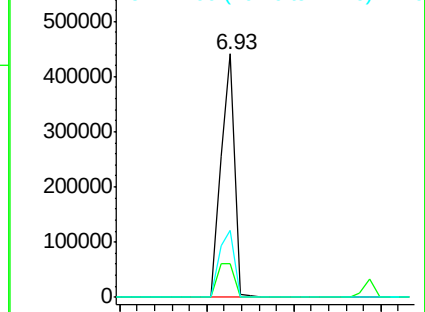
71 27.8 14.2 21.2#



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: 12.54 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Tgt Ion: 70 Resp: 37427

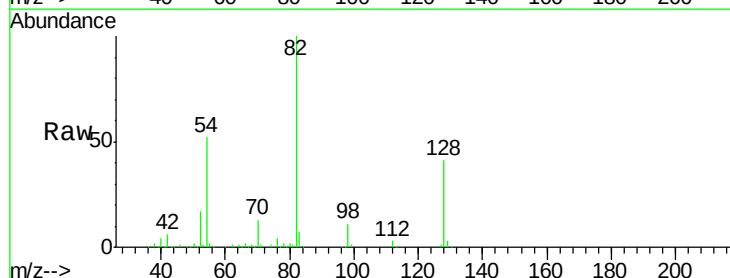
Ion Ratio Lower Upper

70 100

42 48.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

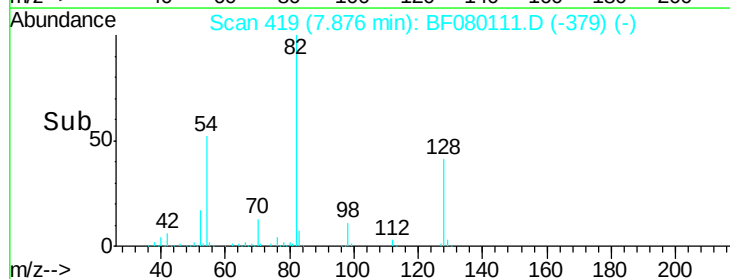
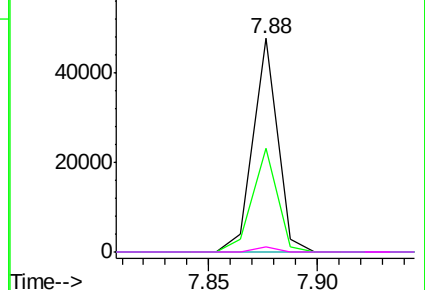


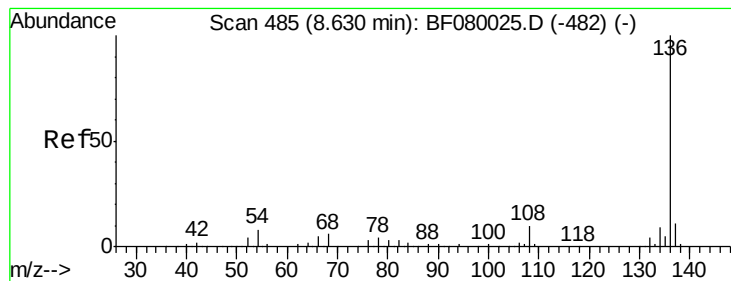
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

Tgt Ion: 136 Resp: 228534

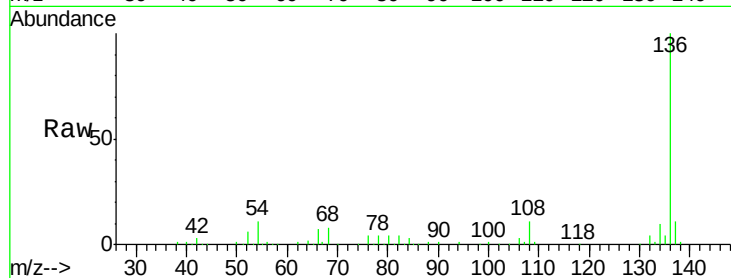
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 11.1 8.2 12.2

68 8.0 5.8 8.6

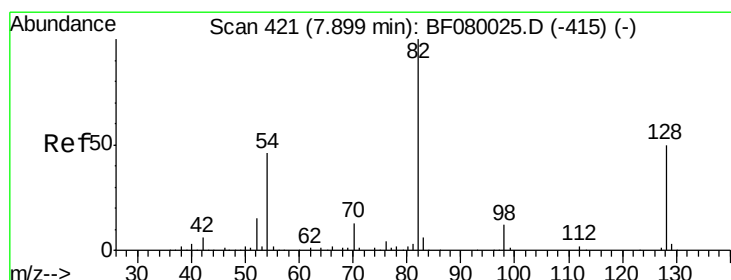
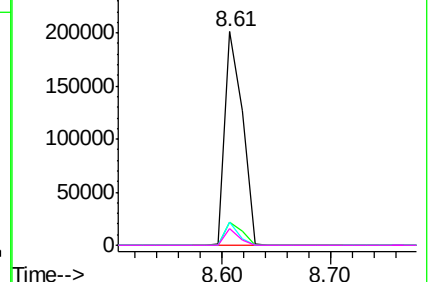
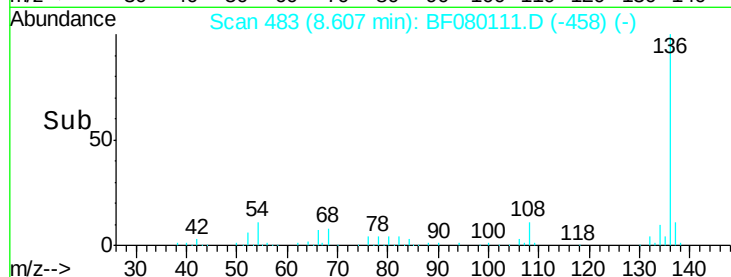


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.91 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

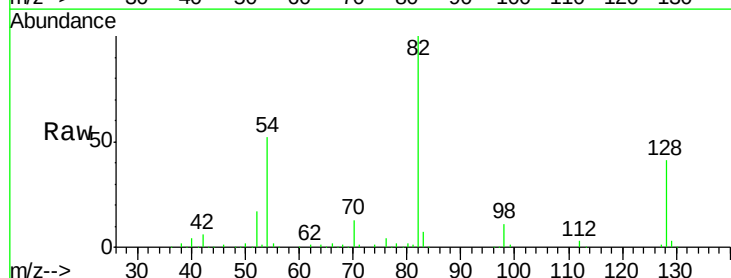
Tgt Ion: 82 Resp: 286204

Ion Ratio Lower Upper

82 100

128 40.7 51.0 76.6#

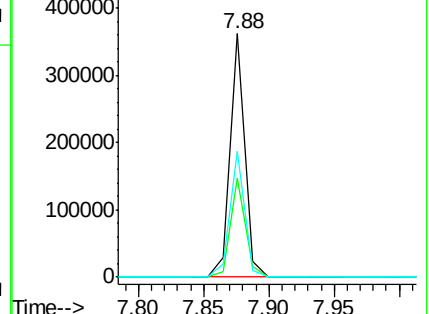
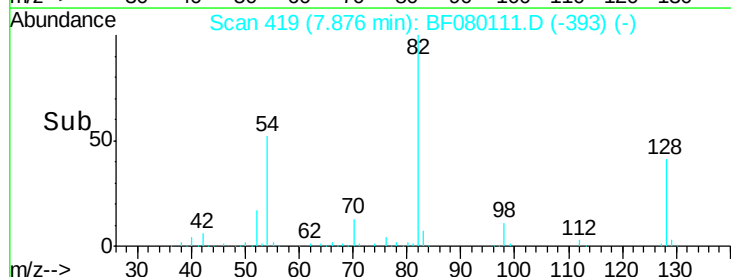
54 51.9 47.5 71.3

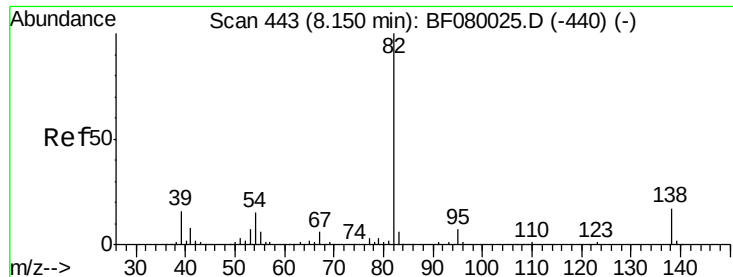


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.23 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

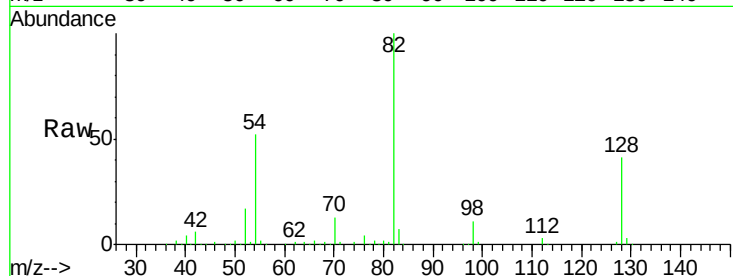
Tgt Ion: 82 Resp: 286194

Ion Ratio Lower Upper

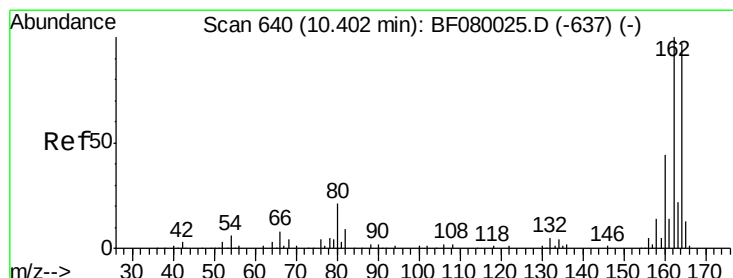
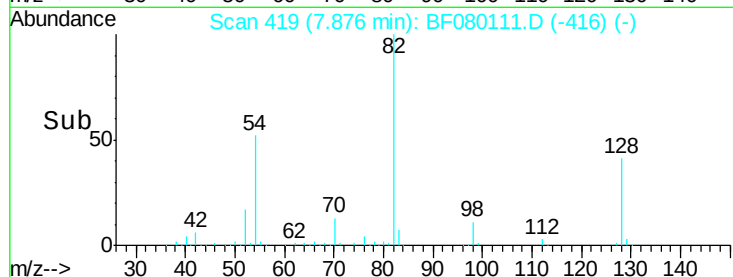
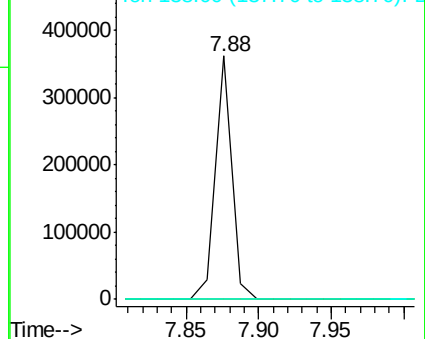
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

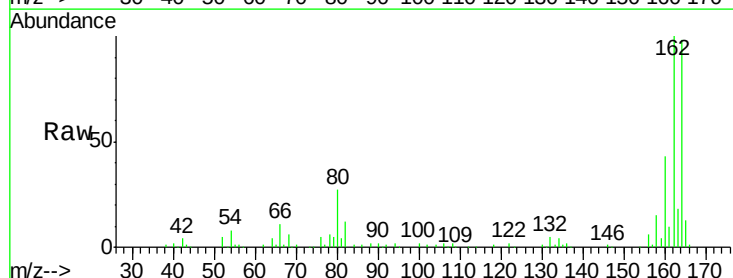
Tgt Ion: 164 Resp: 118478

Ion Ratio Lower Upper

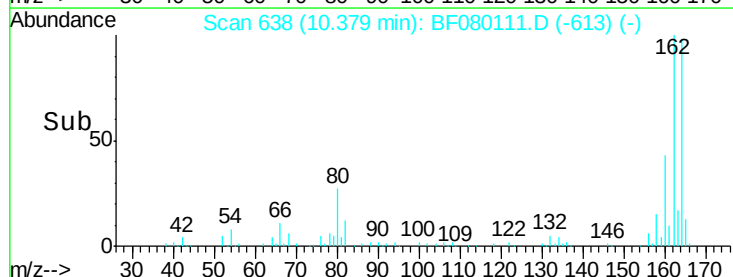
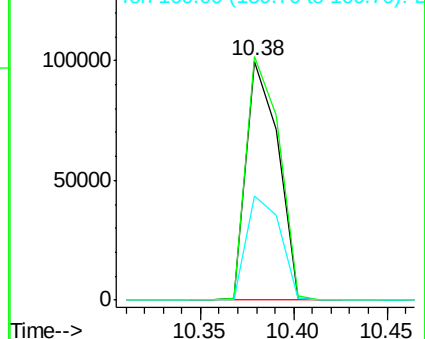
164 100

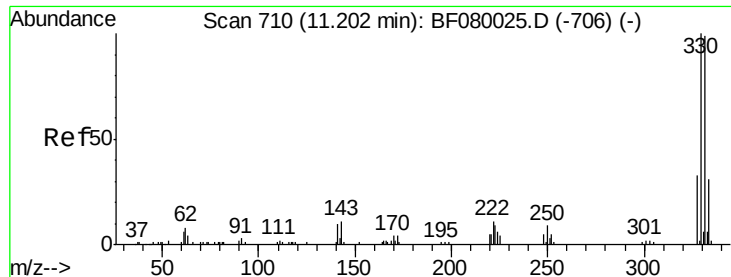
162 101.9 75.2 112.8

160 43.5 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

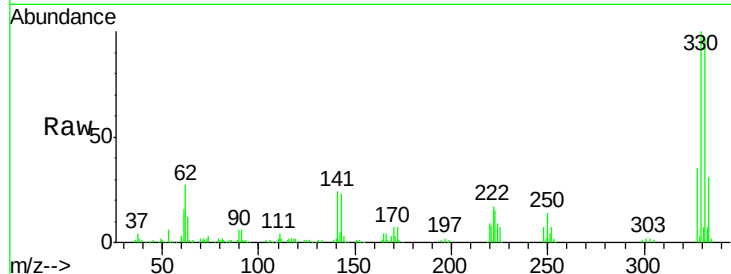




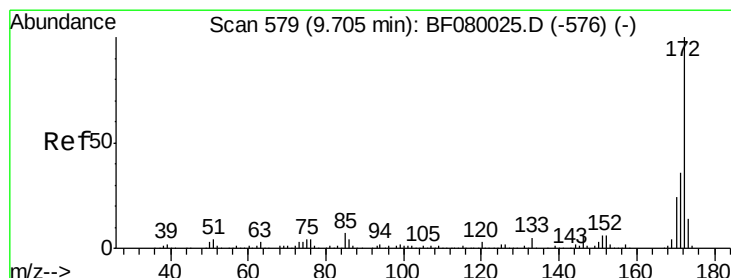
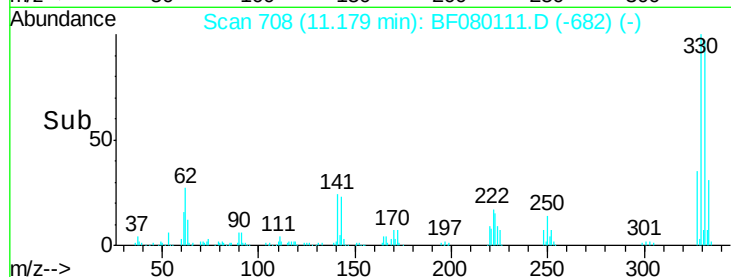
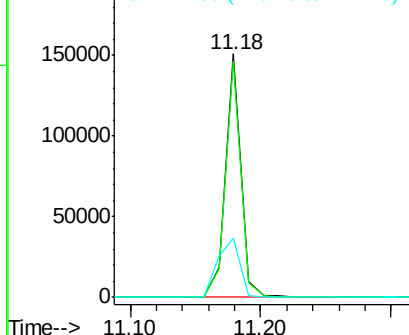
#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080111.D
 Acq: 23 Jun 2015 1:31

Instrument :
 BNA_F
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 76-INFIELD(0-2)-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.5	29.7	44.5

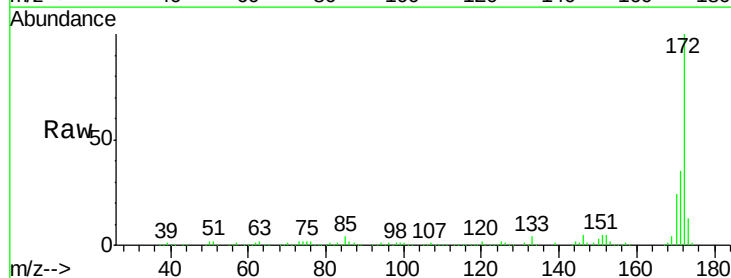


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

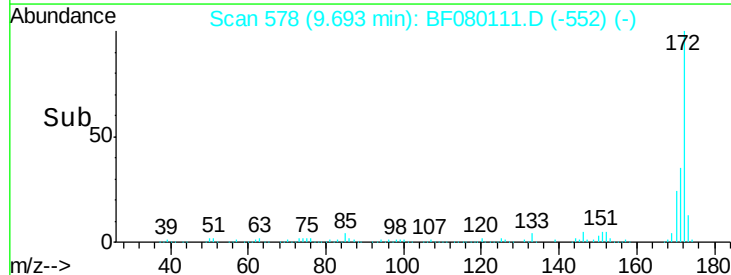
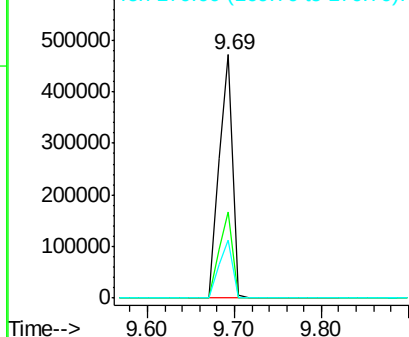


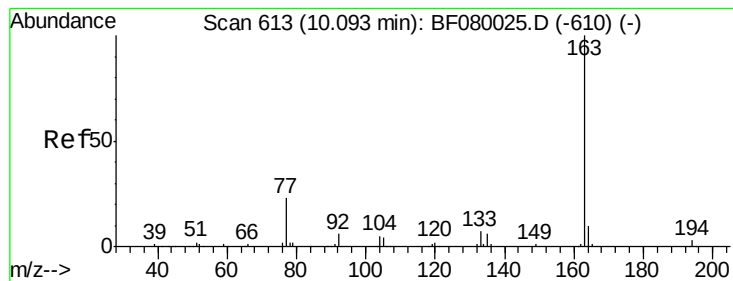
#44
 2-Fluorobiphenyl
 Concen: 62.33 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080111.D
 Acq: 23 Jun 2015 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.8	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: 5.62 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

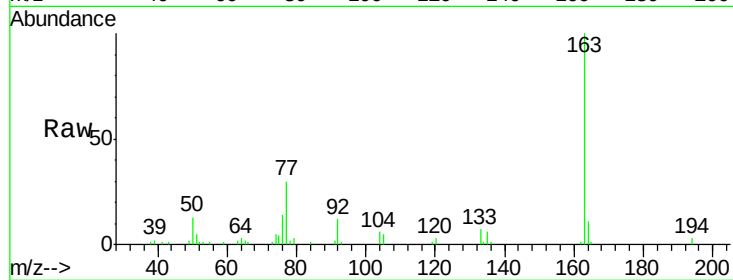
Tgt Ion:163 Resp: 50041

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

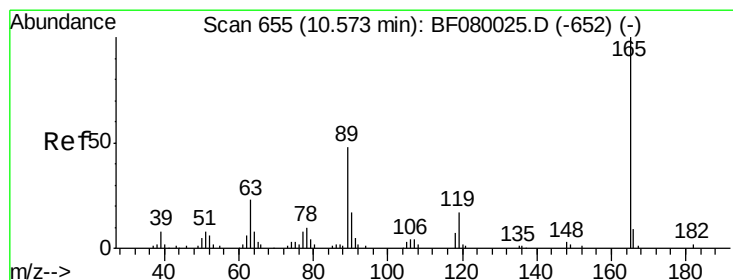
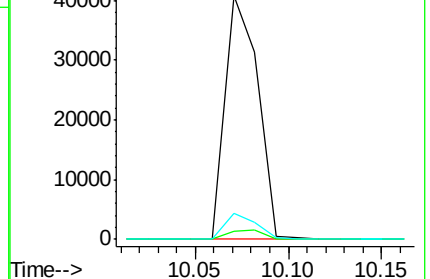
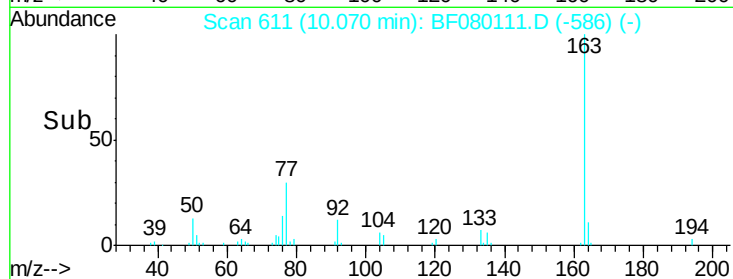
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.53 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Tgt Ion:165 Resp: 14806

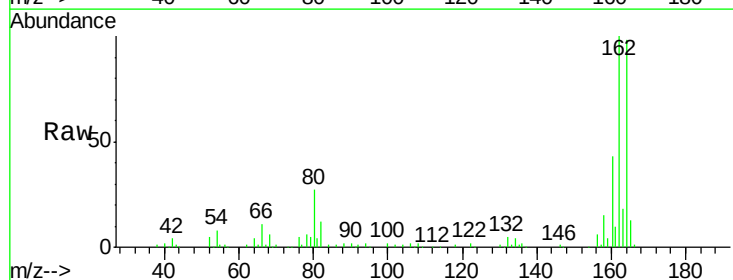
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

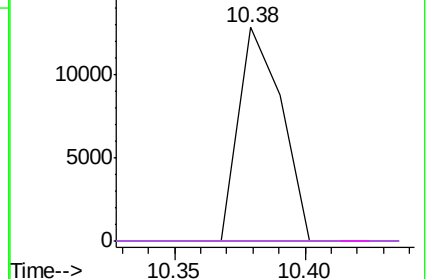
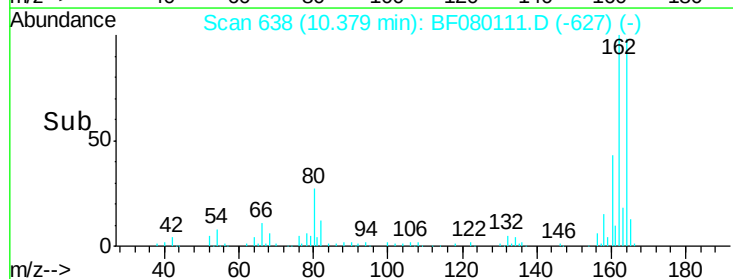


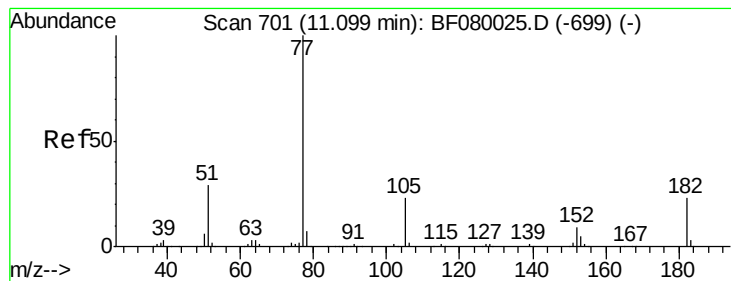
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 2.85 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

Tgt Ion: 77 Resp: 26029

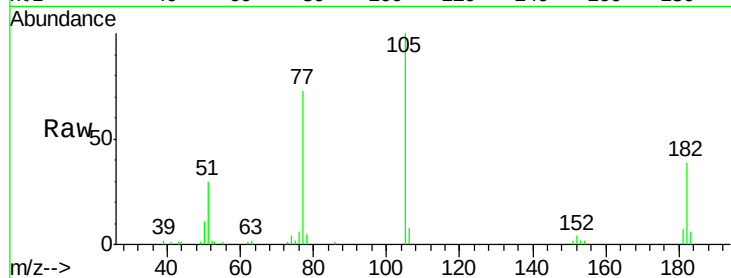
Ion Ratio Lower Upper

77 100

182 53.6 15.1 55.1

105 137.5 3.4 43.4#

51 41.2 12.0 52.0

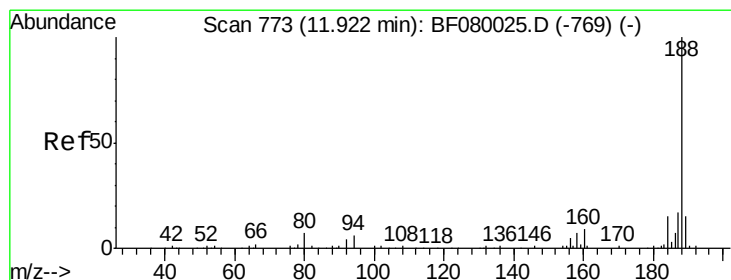
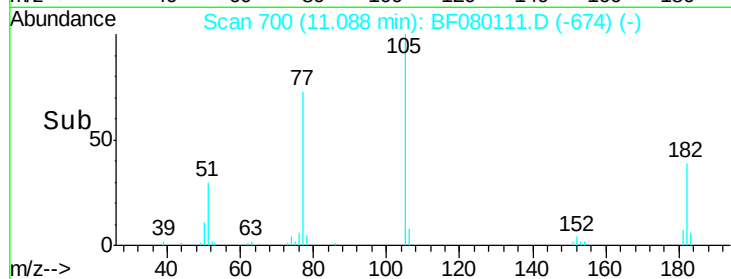
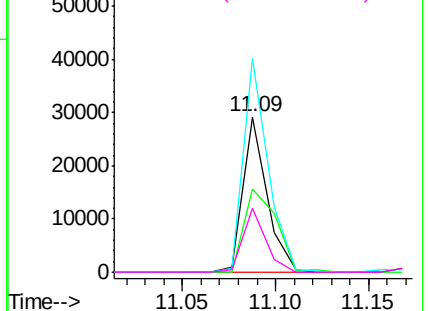


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF080111.D

Acq: 23 Jun 2015 1:31

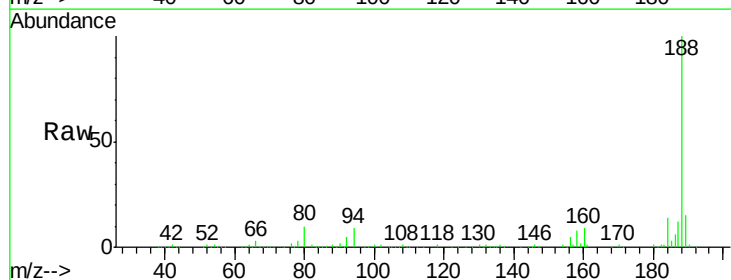
Tgt Ion: 188 Resp: 268093

Ion Ratio Lower Upper

188 100

94 8.8 11.1 16.7#

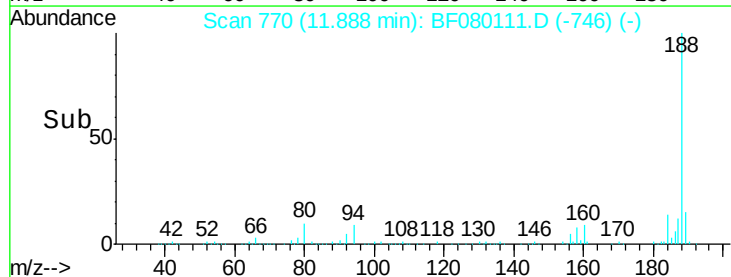
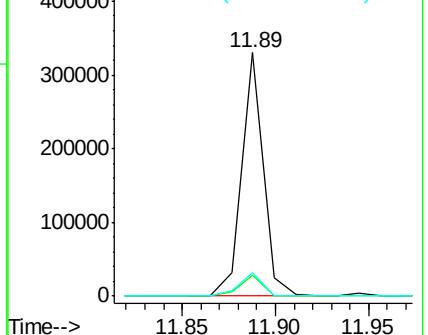
80 9.5 11.0 16.4#

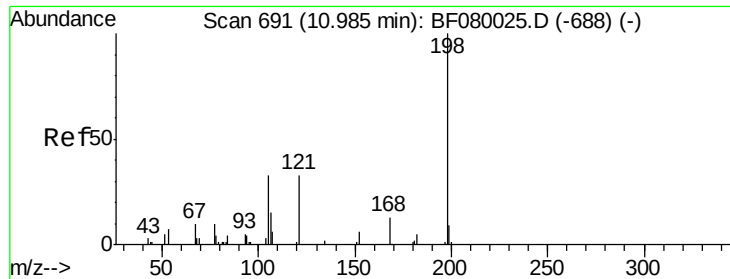


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

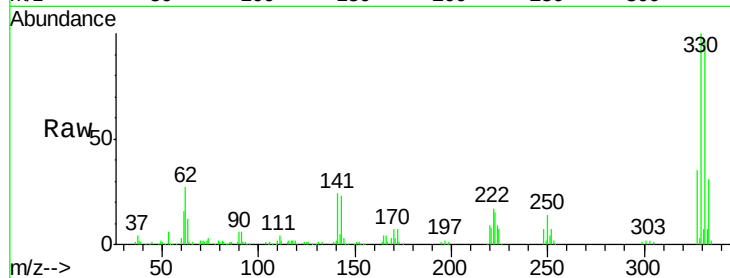




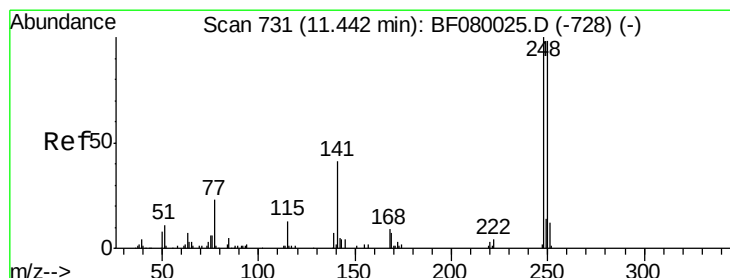
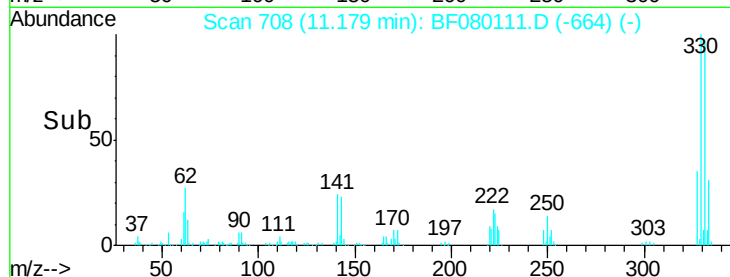
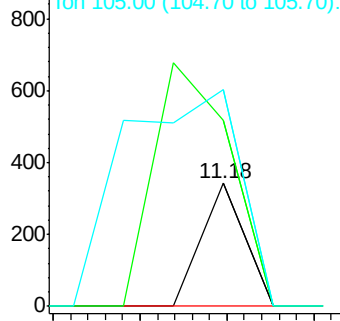
#64
4,6-Dinitro-2-methylphenol
Concen: 3.69 ng
RT: 11.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080111.D
Acq: 23 Jun 2015 1:31

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-3

Tgt Ion:198 Resp: 235
Ion Ratio Lower Upper
198 100
51 150.7 39.6 79.6#
105 175.8 28.5 68.5#

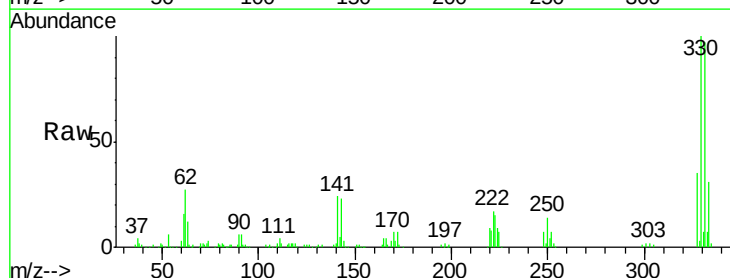


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

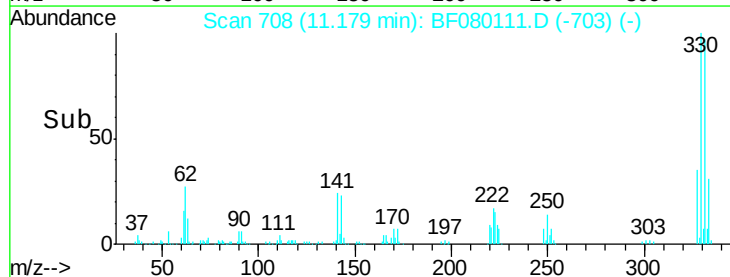
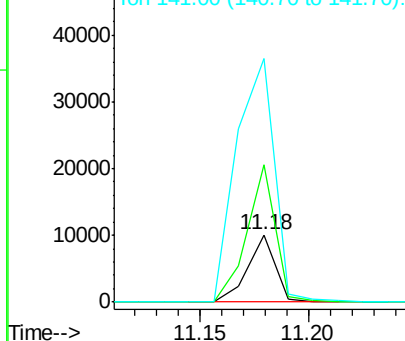


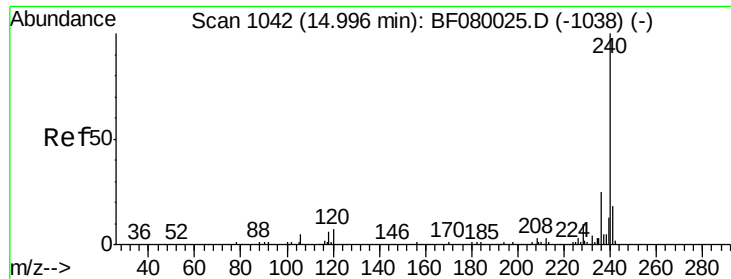
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080111.D
Acq: 23 Jun 2015 1:31

Tgt Ion:248 Resp: 8824
Ion Ratio Lower Upper
248 100
250 204.2 78.5 117.7#
141 362.2 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: 14.81 min Scan# 1026

Delta R.T. -0.18 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-3

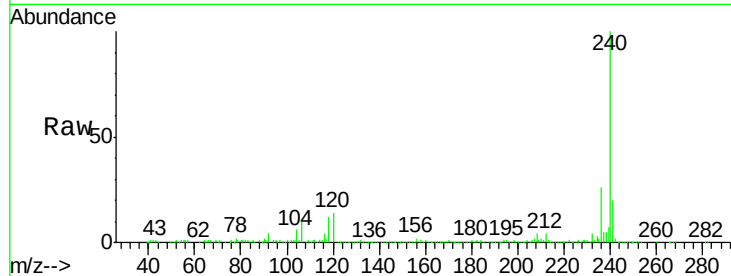
Tgt Ion:240 Resp: 285719

Ion Ratio Lower Upper

240 100

120 13.7 16.2 24.2#

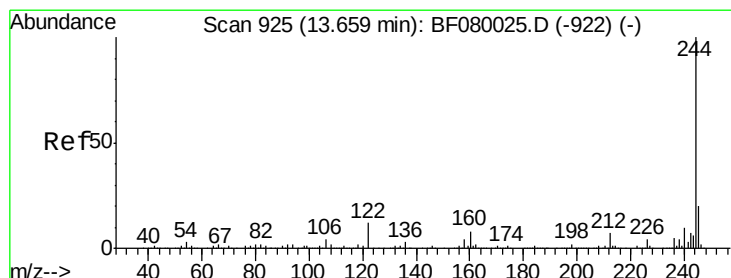
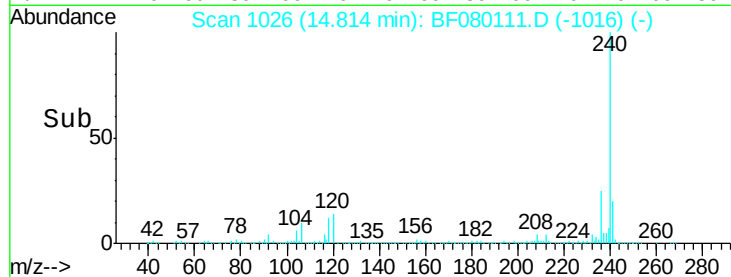
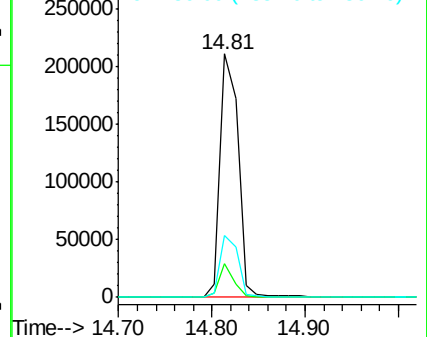
236 25.7 18.4 27.6



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: 49.07 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF080111.D

Acq: 23 Jun 2015 1:31

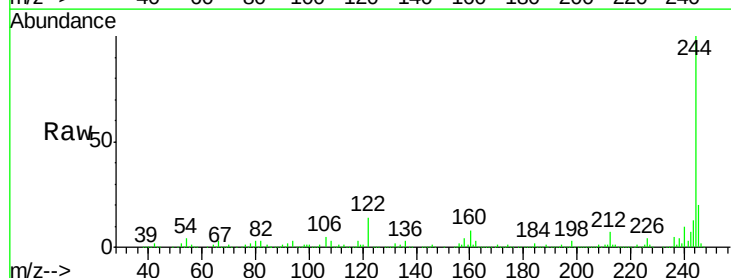
Tgt Ion:244 Resp: 600264

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

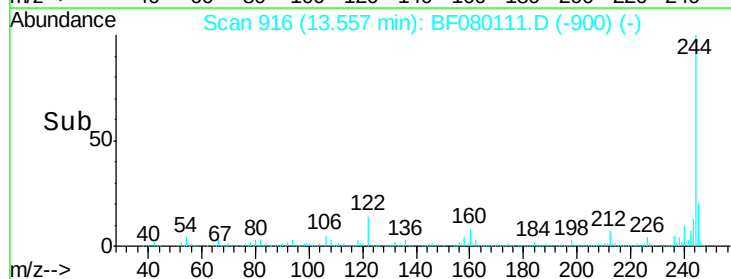
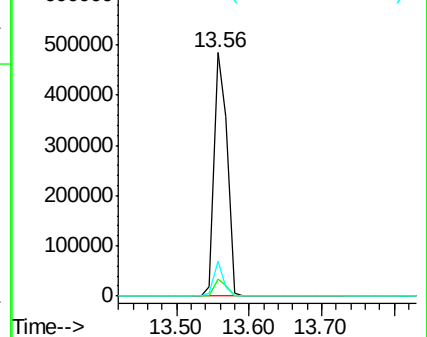
122 14.4 17.4 26.2#

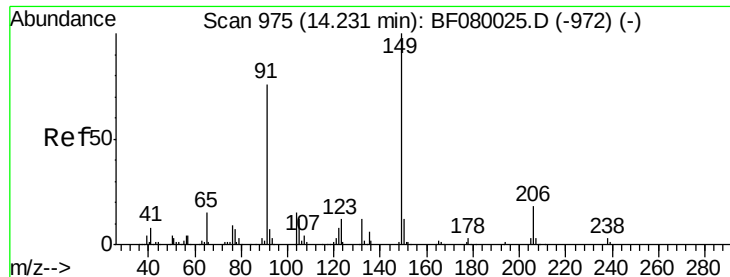


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

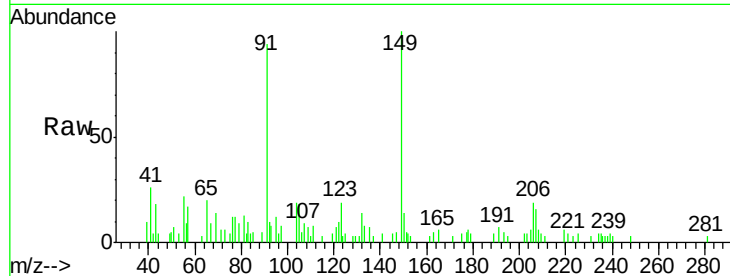




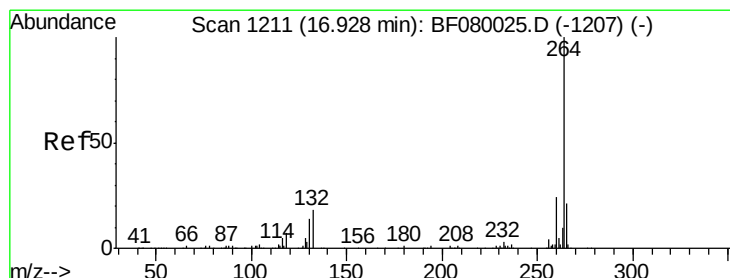
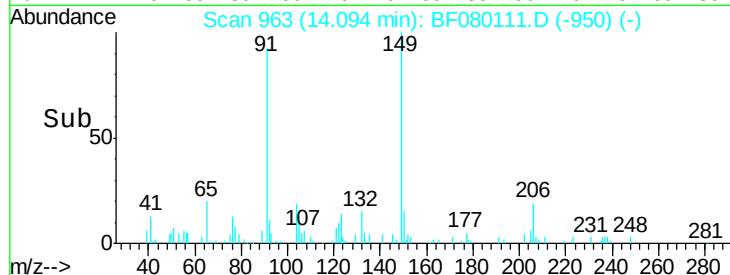
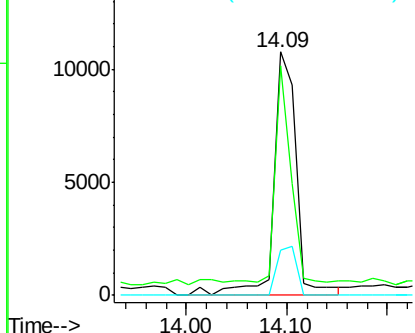
#79
Butylbenzylphthalate
Concen: 2.35 ng
RT: 14.09 min Scan# 963
Delta R.T. -0.15 min
Lab File: BF080111.D
Acq: 23 Jun 2015 1:31

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-3

Tgt Ion:149 Resp: 16614
Ion Ratio Lower Upper
149 100
91 94.3 48.6 72.8#
206 18.7 14.9 22.3

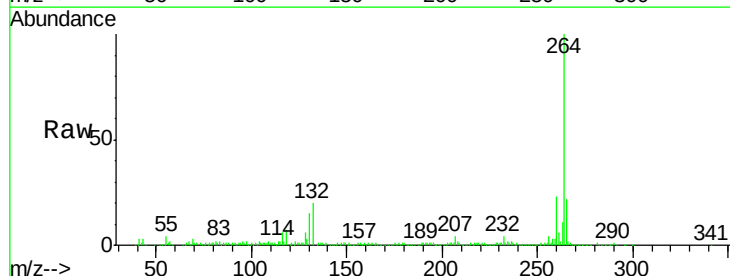


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.68 min Scan# 1189
Delta R.T. -0.25 min
Lab File: BF080111.D
Acq: 23 Jun 2015 1:31

Tgt Ion:264 Resp: 278081
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.6 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

