

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080110.D
 Acq On : 23 Jun 2015 1:02
 Operator : TP/IZ
 Sample : G2715-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 23 01:41:46 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

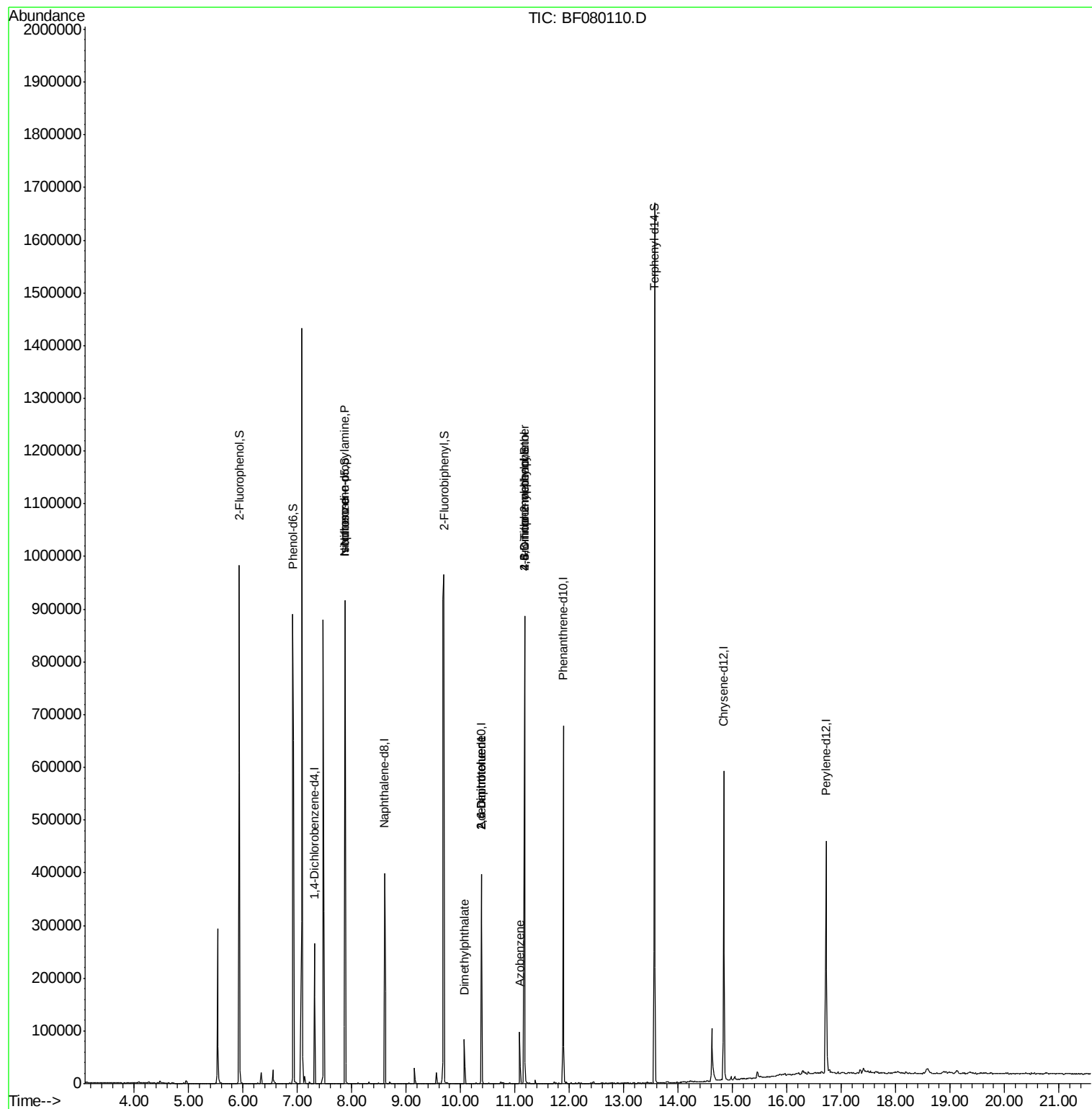
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	48815	20.00	ng	-0.01
21) Naphthalene-d8	8.61	136	195335	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	105781	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	232873	20.00	ng	-0.02
75) Chrysene-d12	14.84	240	245804	20.00	ng	-0.16
86) Perylene-d12	16.72	264	242940	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	320024	116.05	ng	0.00
7) Phenol-d6	6.92	99	401808	109.50	ng	-0.01
23) Nitrobenzene-d5	7.88	82	255022	76.01	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	114138	110.34	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	463947	62.55	ng	0.00
78) Terphenyl-d14	13.57	244	519513	49.36	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	32981	12.95	ng	# 59
25) Isophorone	7.88	82	255058	37.77	ng	# 58
49) Dimethylphthalate	10.07	163	37786	4.75	ng	# 97
50) 2,6-Dinitrotoluene	10.38	165	13094	8.21	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	13097	6.47	ng	# 31
62) Azobenzene	11.09	77	20067	2.46	ng	# 18
64) 4,6-Dinitro-2-methylphenol	11.18	198	217	3.70	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	7983	3.22	ng	# 1

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

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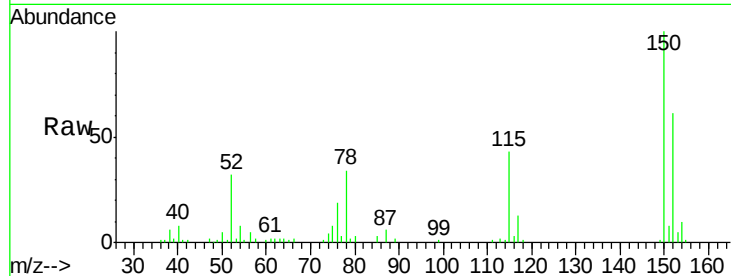




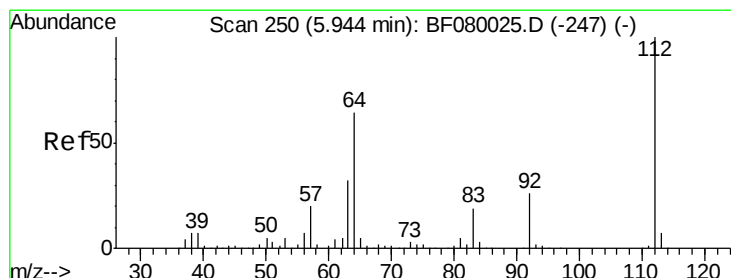
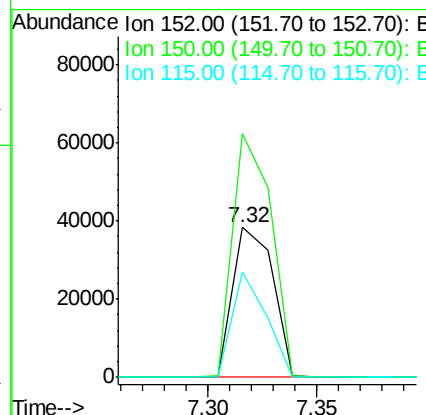
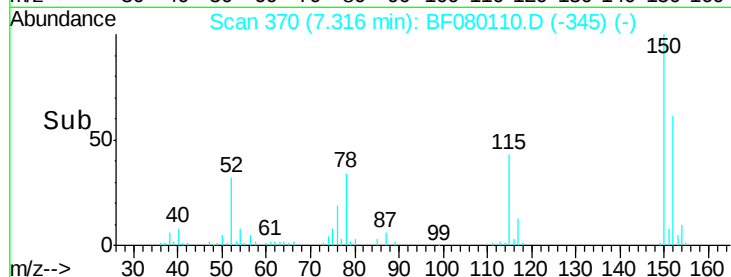
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

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

Tgt Ion:152 Resp: 48815
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.7 187.1
 115 70.4 39.0 58.4#

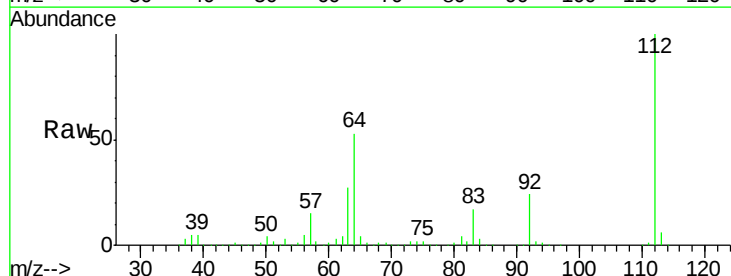


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

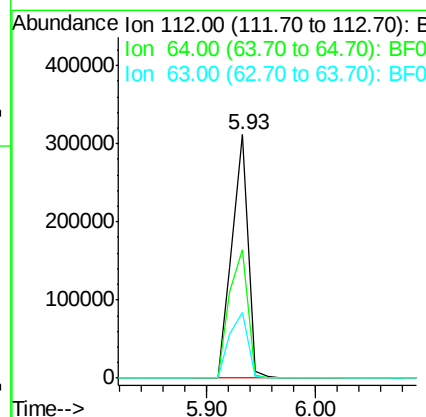
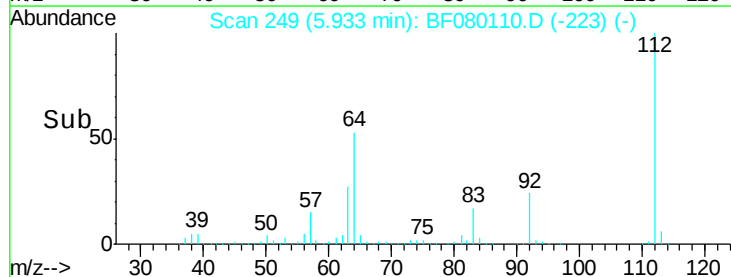


#5
 2-Fluorophenol
 Concen: 116.05 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

Tgt Ion:112 Resp: 320024
 Ion Ratio Lower Upper
 112 100
 64 52.7 39.7 59.5
 63 26.8 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: 109.50 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-2

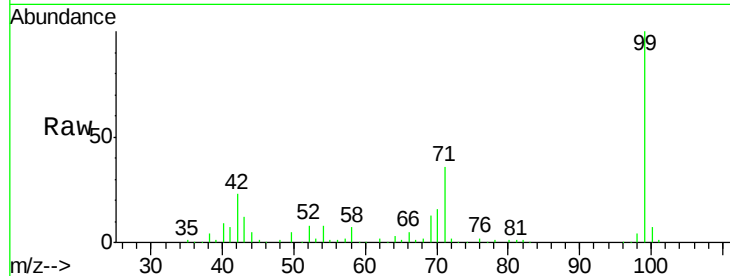
Tgt Ion: 99 Resp: 401808

Ion Ratio Lower Upper

99 100

42 23.0 13.7 20.5#

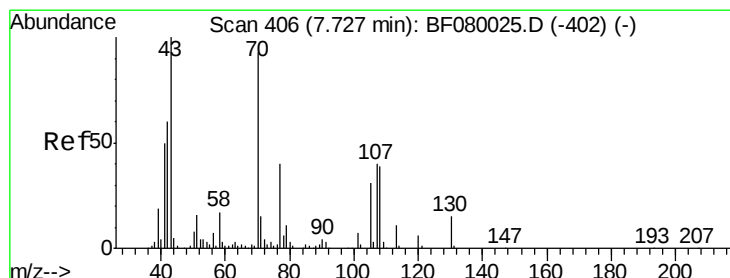
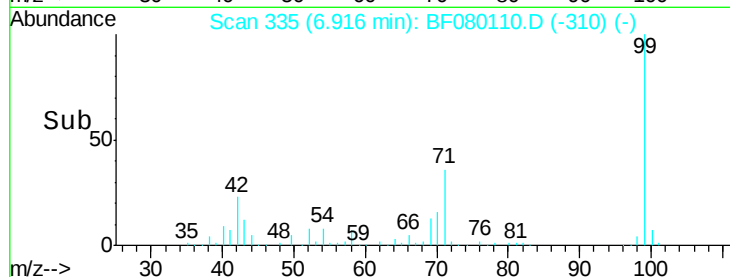
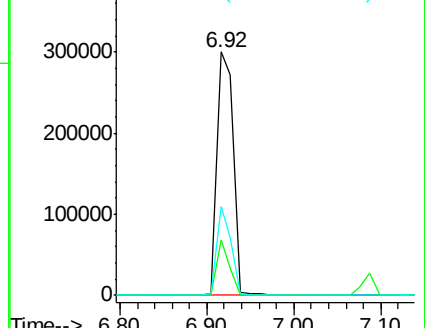
71 36.2 14.2 21.2#



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: 12.95 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Tgt Ion: 70 Resp: 32981

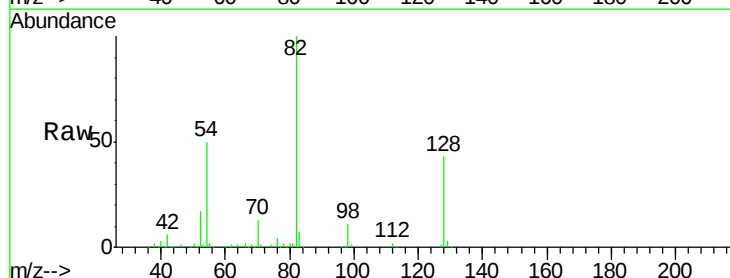
Ion Ratio Lower Upper

70 100

42 47.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

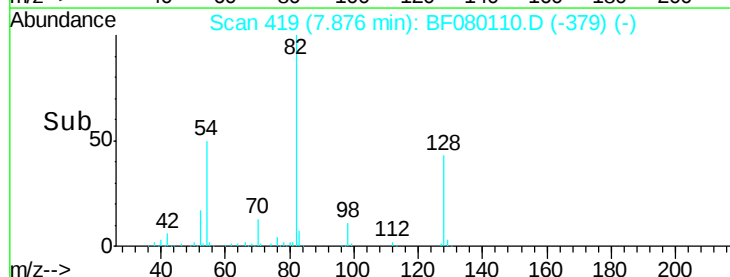
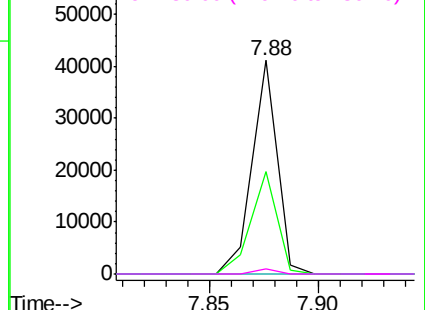


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

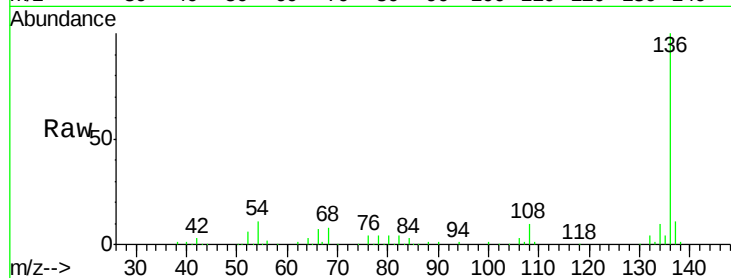




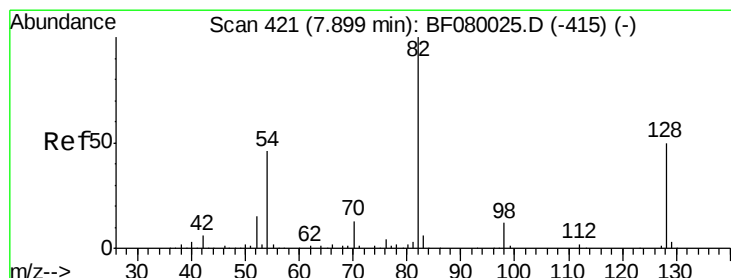
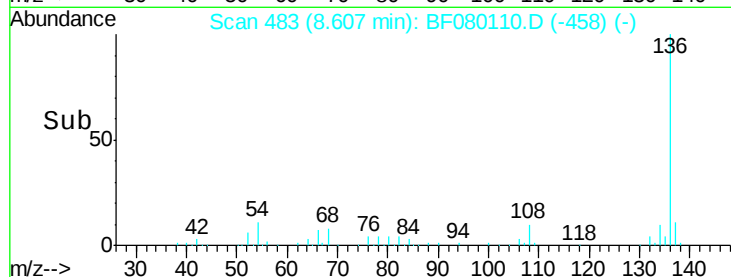
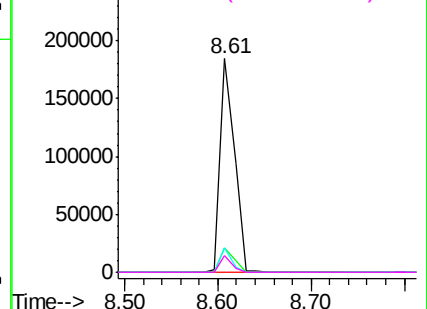
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080110.D
Acq: 23 Jun 2015 1:02

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

Tgt Ion:	136	Resp:	195335
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.3	8.2	12.2
68	7.8	5.8	8.6

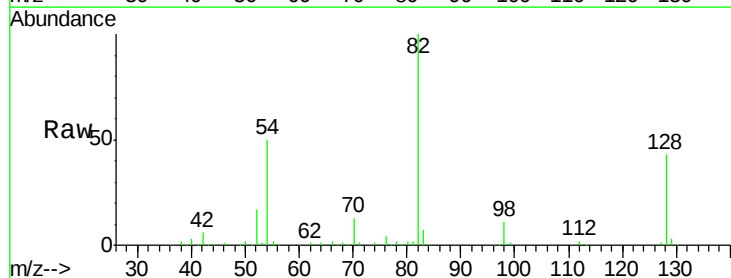


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

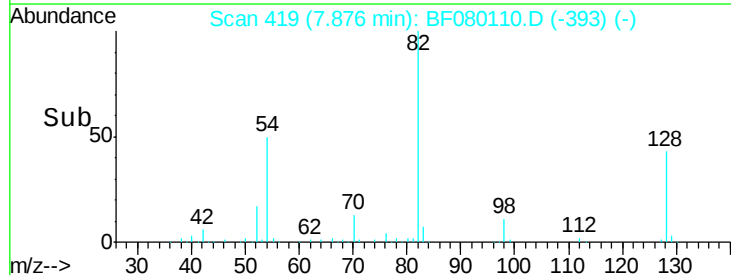
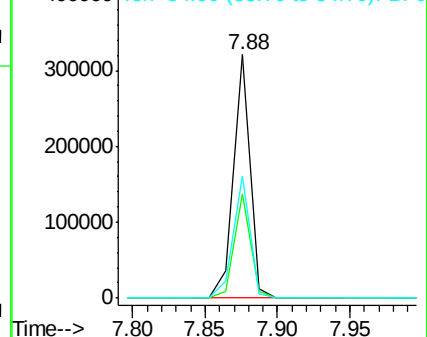


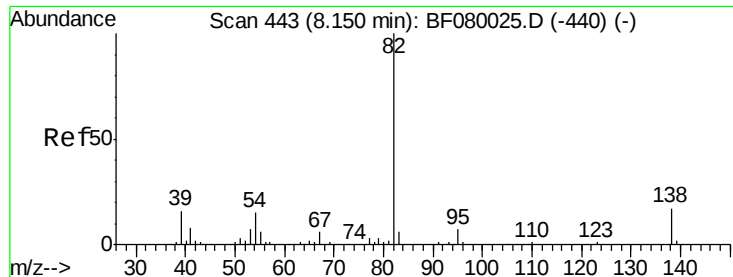
#23
Nitrobenzene-d5
Concen: 76.01 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080110.D
Acq: 23 Jun 2015 1:02

Tgt Ion:	82	Resp:	255022
Ion	Ratio	Lower	Upper
82	100		
128	42.6	51.0	76.6#
54	49.9	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: 37.77 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-2

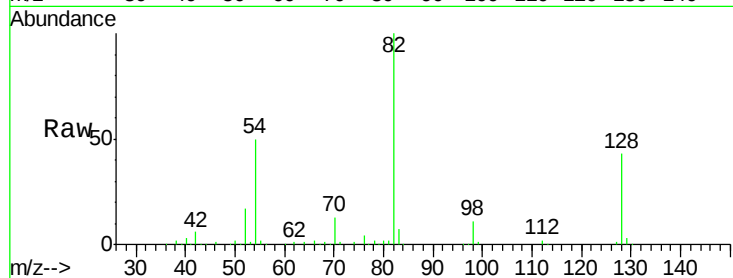
Tgt Ion: 82 Resp: 255058

Ion Ratio Lower Upper

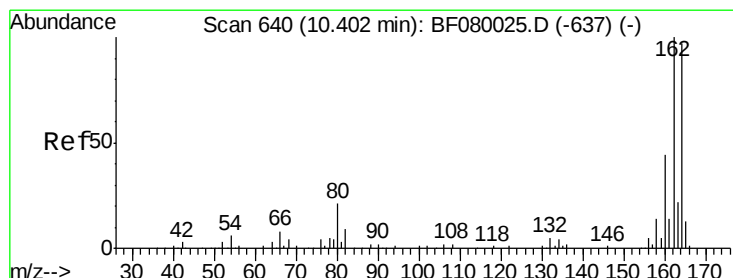
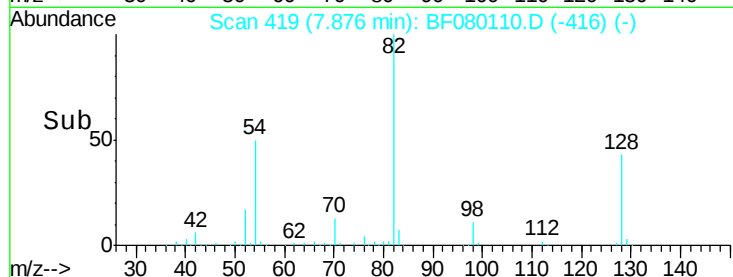
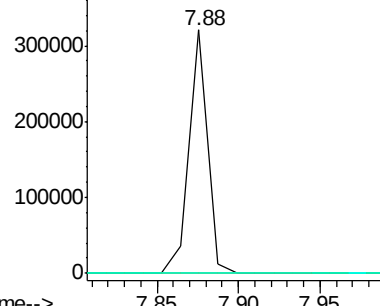
82 100

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: BF080110.D

Acq: 23 Jun 2015 1:02

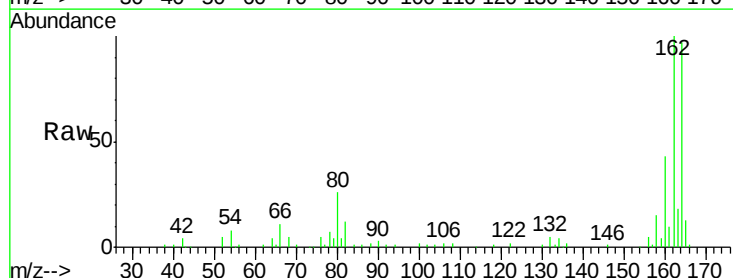
Tgt Ion: 164 Resp: 105781

Ion Ratio Lower Upper

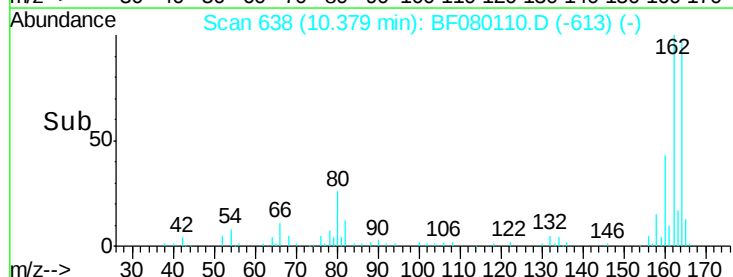
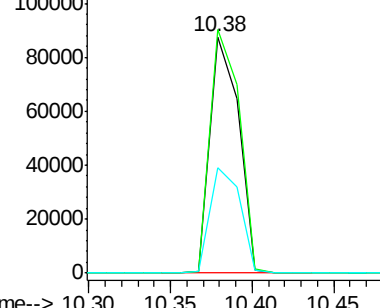
164 100

162 103.2 75.2 112.8

160 44.6 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

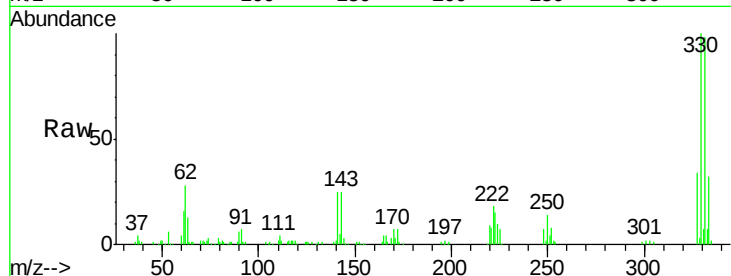




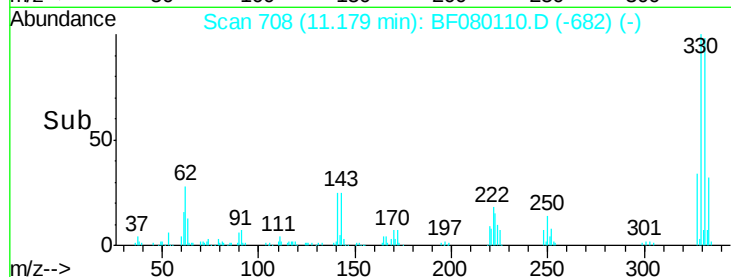
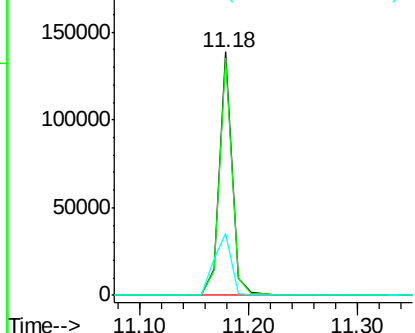
#41
 2,4,6-Tribromophenol
 Concen: 110.34 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

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

Tgt Ion:330 Resp: 114138
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.6 29.7 44.5

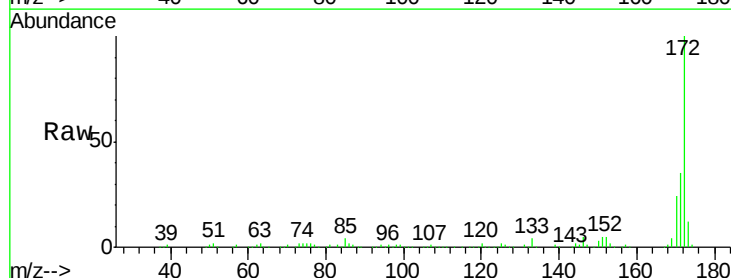


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

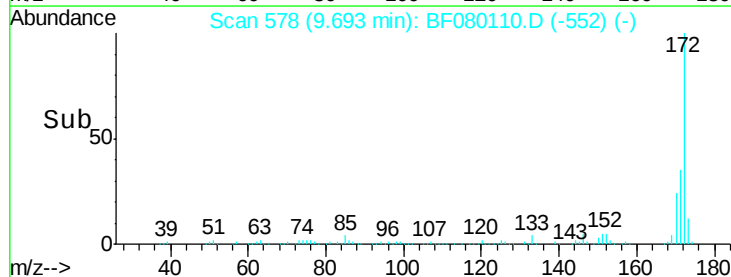
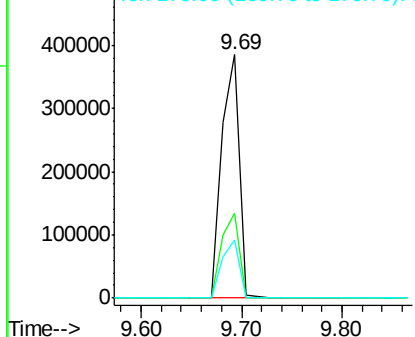


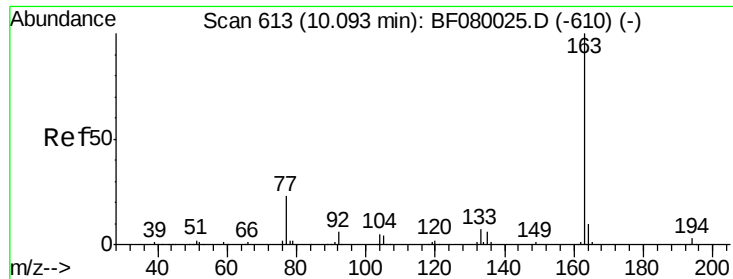
#44
 2-Fluorobiphenyl
 Concen: 62.55 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

Tgt Ion:172 Resp: 463947
 Ion Ratio Lower Upper
 172 100
 171 34.6 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

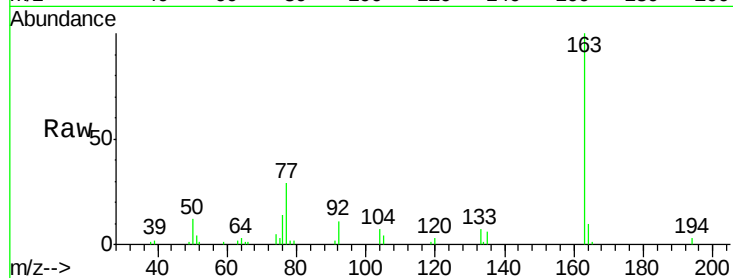




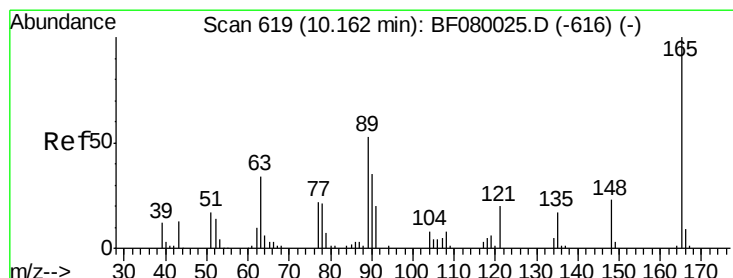
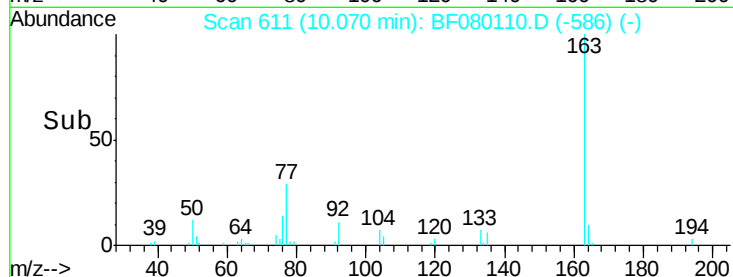
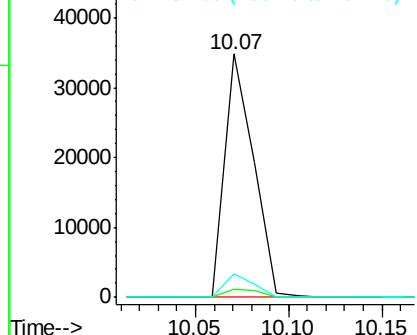
#49
Dimethylphthalate
Concen: 4.75 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF080110.D
Acq: 23 Jun 2015 1:02

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

Tgt Ion:163 Resp: 37786
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 9.9 8.3 12.5

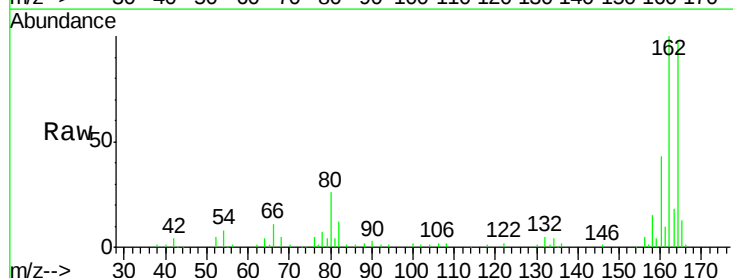


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

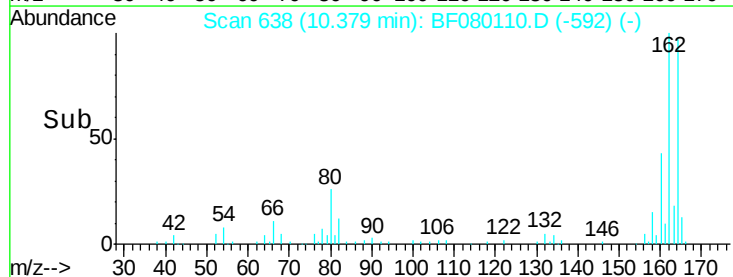
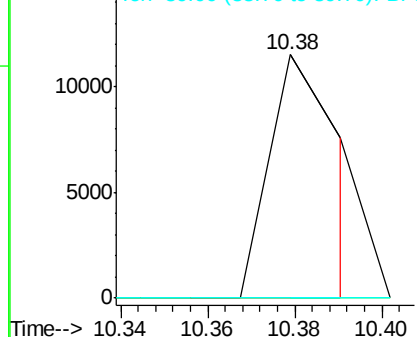


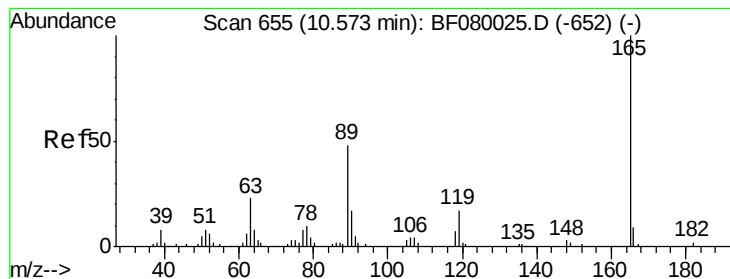
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 10.38 min Scan# 638
Delta R.T. 0.23 min
Lab File: BF080110.D
Acq: 23 Jun 2015 1:02

Tgt Ion:165 Resp: 13094
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-2

Tgt Ion: 165 Resp: 13097

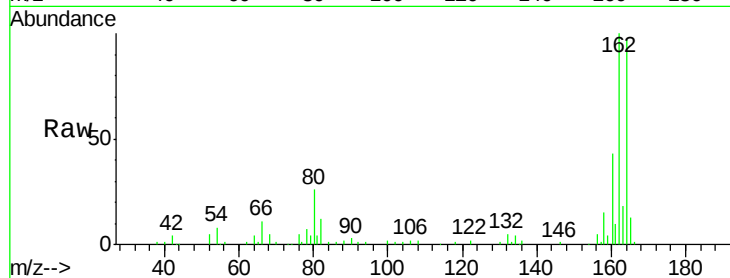
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

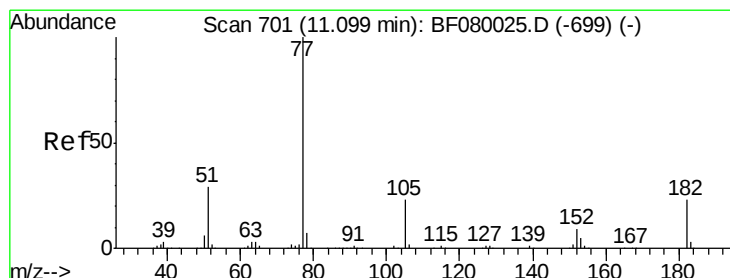
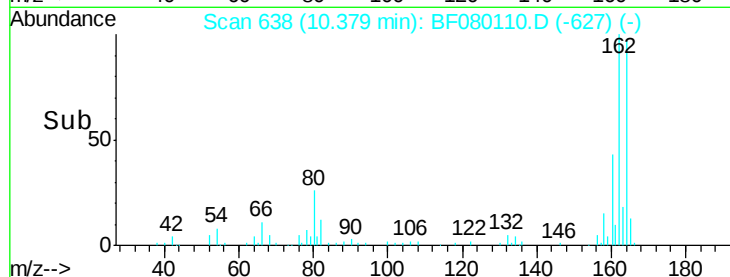
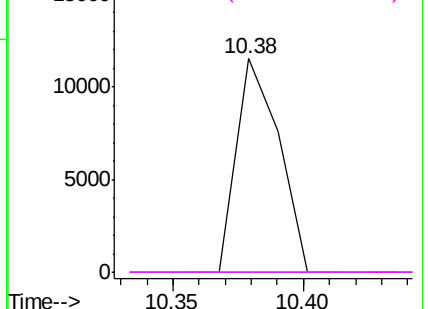


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.46 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Tgt Ion: 77 Resp: 20067

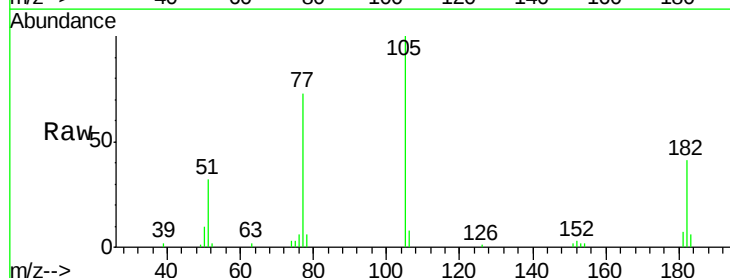
Ion Ratio Lower Upper

77 100

182 55.9 15.1 55.1#

105 137.2 3.4 43.4#

51 44.4 12.0 52.0

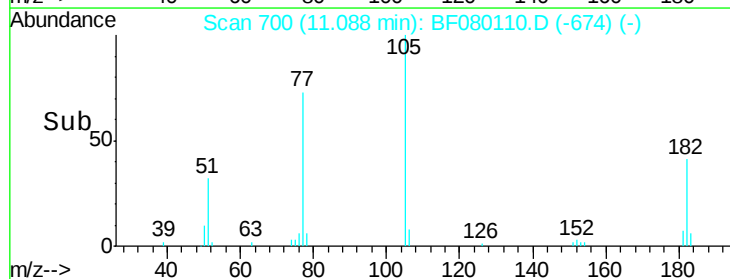
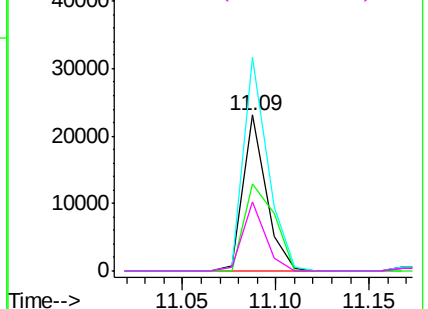


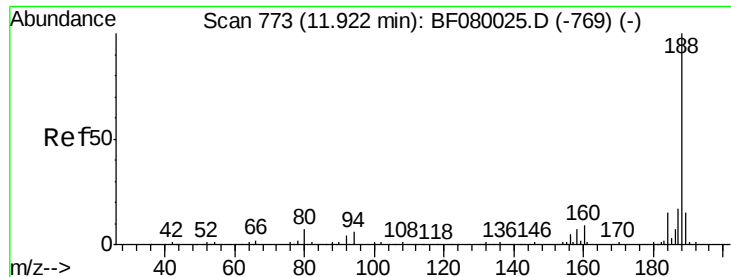
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

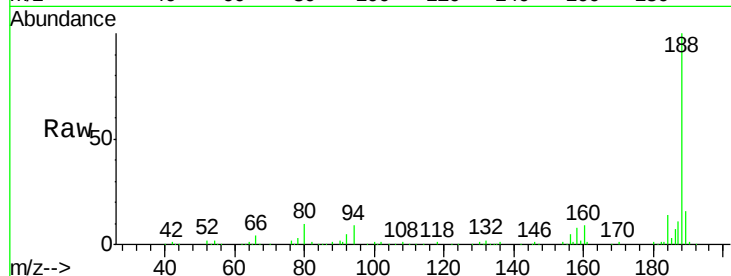




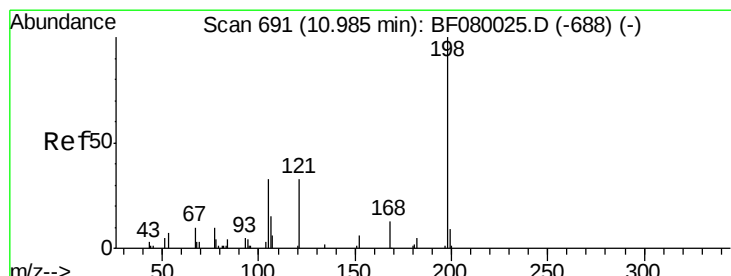
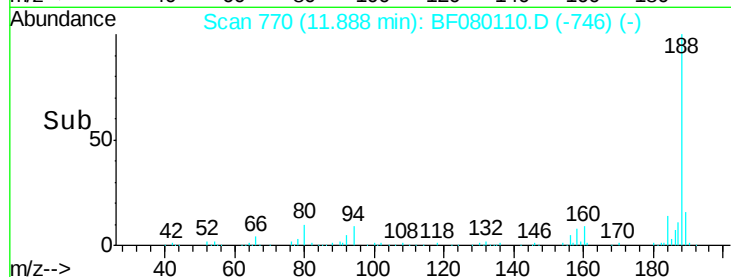
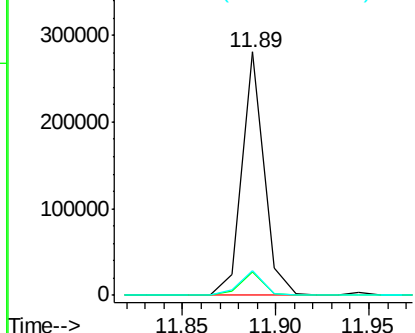
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

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

Tgt Ion:188 Resp: 232873
 Ion Ratio Lower Upper
 188 100
 94 9.5 11.1 16.7#
 80 10.2 11.0 16.4#

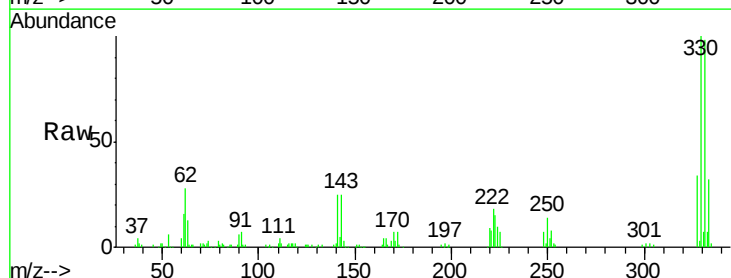


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

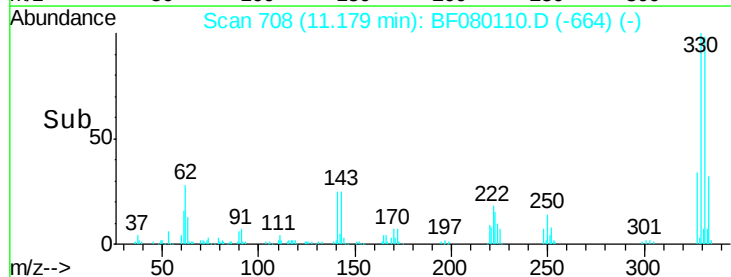
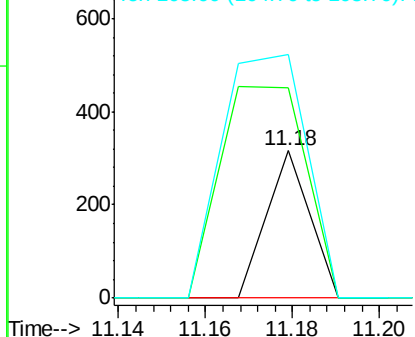


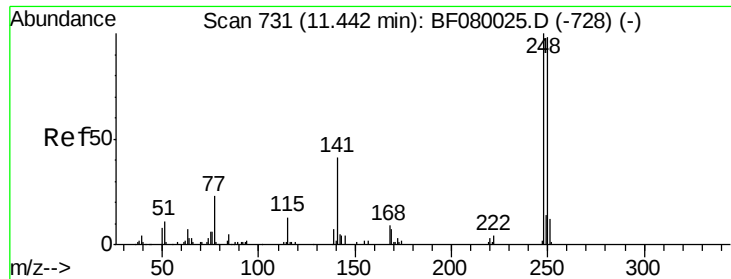
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.70 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.21 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

Tgt Ion:198 Resp: 217
 Ion Ratio Lower Upper
 198 100
 51 143.0 39.6 79.6#
 105 165.5 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

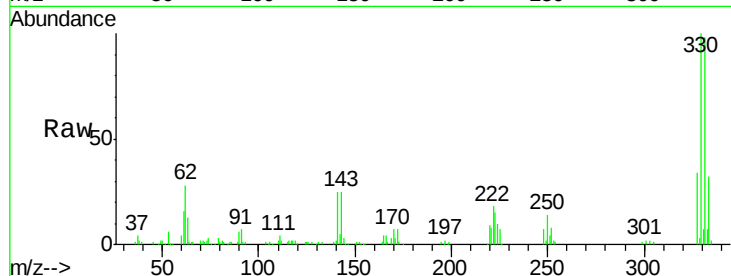




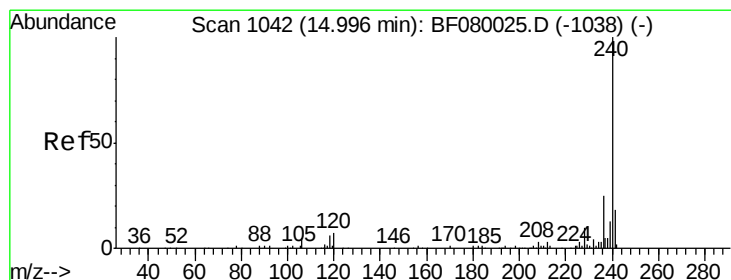
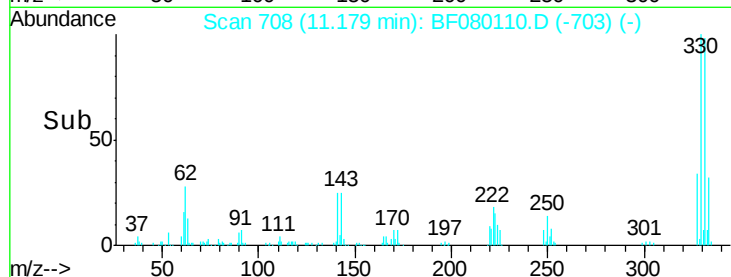
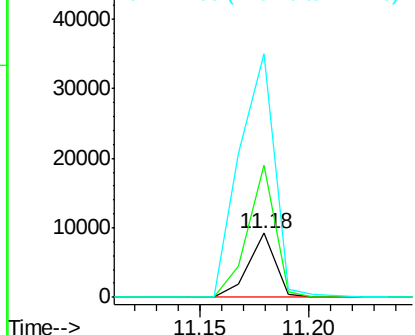
#66
 4-Bromophenyl-phenylether
 Concen: 3.22 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

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

Tgt Ion:248 Resp: 7983
 Ion Ratio Lower Upper
 248 100
 250 207.1 78.5 117.7#
 141 381.6 59.0 88.6#

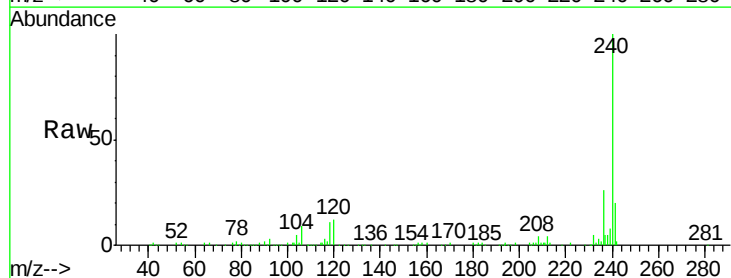


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

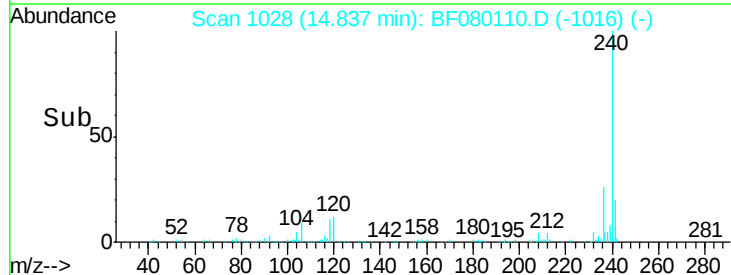
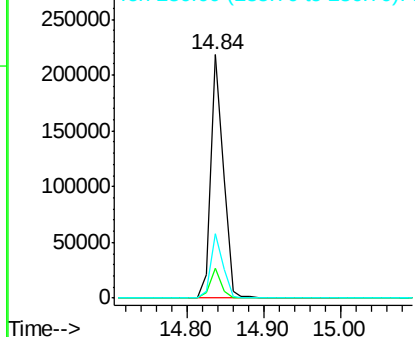


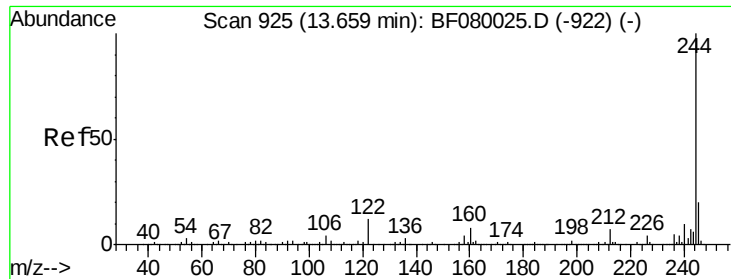
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.16 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

Tgt Ion:240 Resp: 245804
 Ion Ratio Lower Upper
 240 100
 120 12.1 16.2 24.2#
 236 26.3 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

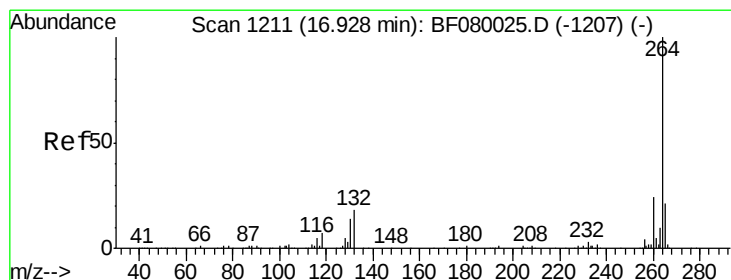
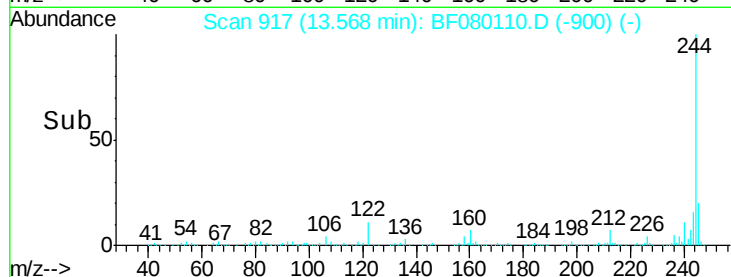
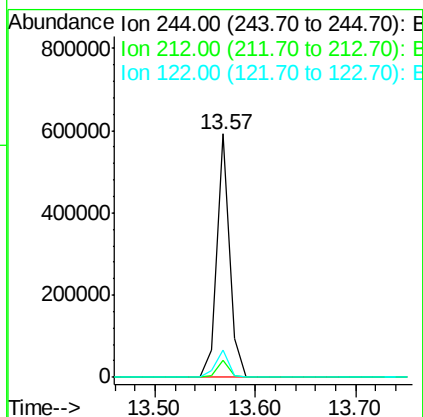
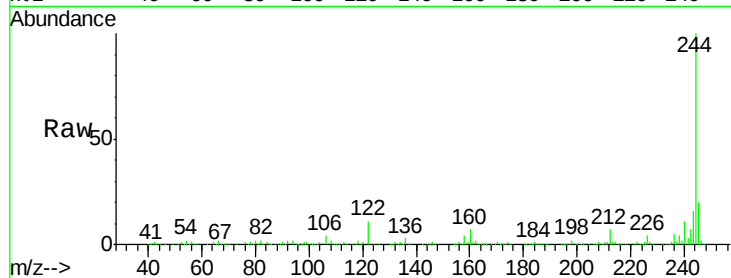




#78
 Terphenyl-d14
 Concen: 49.36 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

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

Tgt Ion:244 Resp: 519513
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 11.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.72 min Scan# 1193
 Delta R.T. -0.21 min
 Lab File: BF080110.D
 Acq: 23 Jun 2015 1:02

Tgt Ion:264 Resp: 242940
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.9 17.2 25.8

