

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080058.D
 Acq On : 19 Jun 2015 15:32
 Operator : TP/IZ
 Sample : PB84122BL
 Misc : LOD/LOQ-WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84122BL

Quant Time: Jun 19 23:22:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

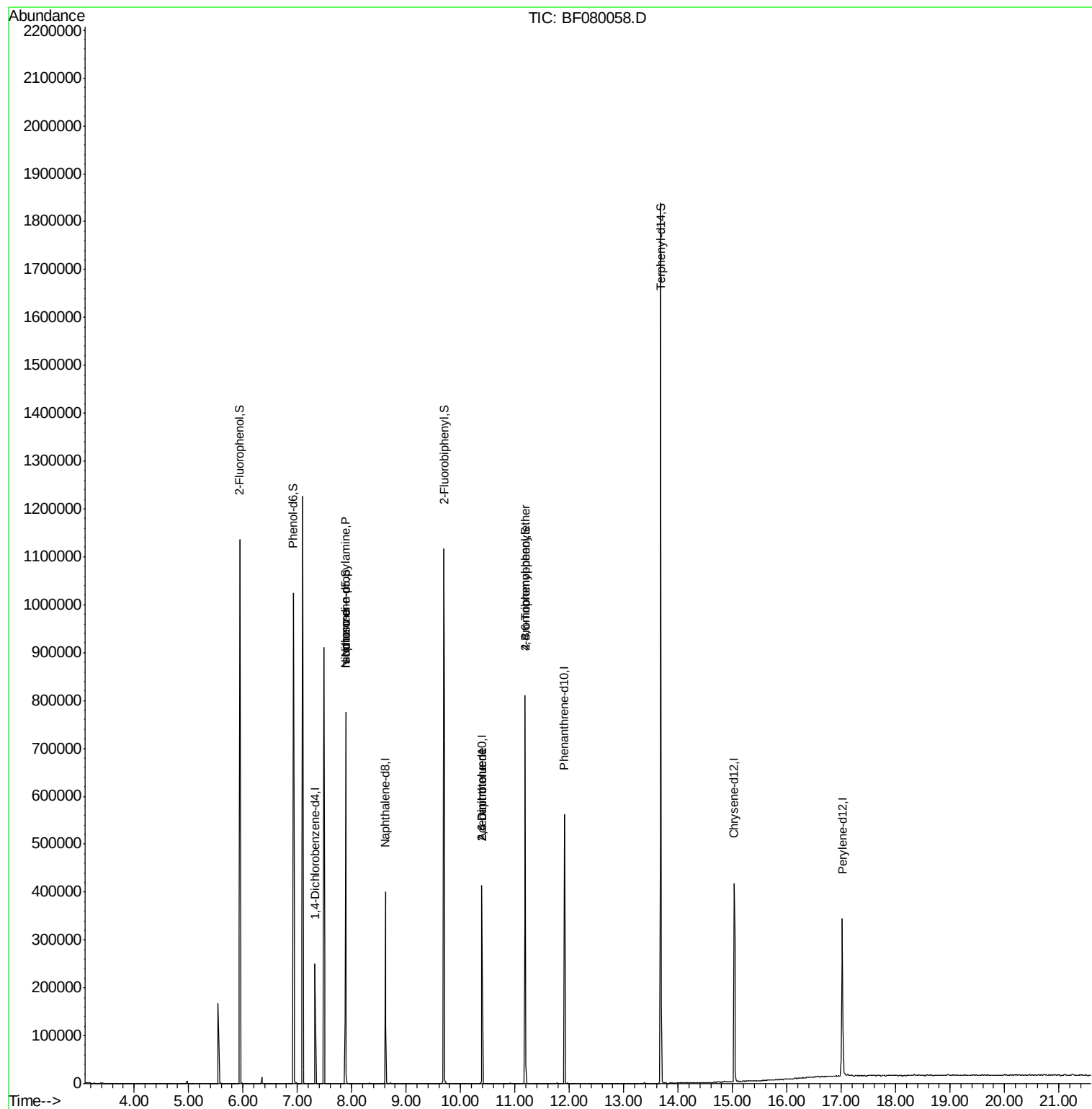
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	43052	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	177066	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	90056	20.00	ng	-0.01
63) Phenanthrene-d10	11.91	188	204558	20.00	ng	0.00
75) Chrysene-d12	15.03	240	213208	20.00	ng	0.17
86) Perylene-d12	17.02	264	200230	20.00	ng	0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	298414	122.70	ng	0.00
7) Phenol-d6	6.93	99	357552	110.48	ng	-0.01
23) Nitrobenzene-d5	7.89	82	224209	73.72	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	107869	122.49	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	446112	70.64	ng	-0.01
78) Terphenyl-d14	13.68	244	620032	67.92	ng	0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	28522	12.69	ng	# 58
25) Isophorone	7.89	82	224203	36.63	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	11032	8.13	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	11031	6.40	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	7324	3.37	ng	# 1

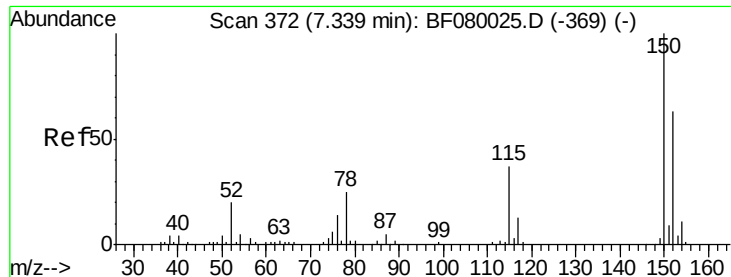
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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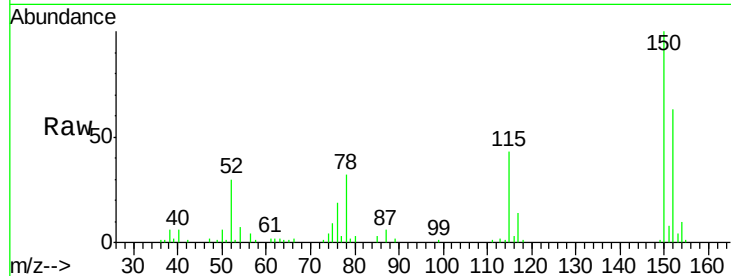


#1

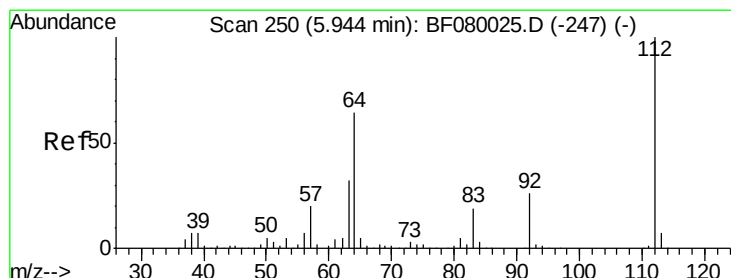
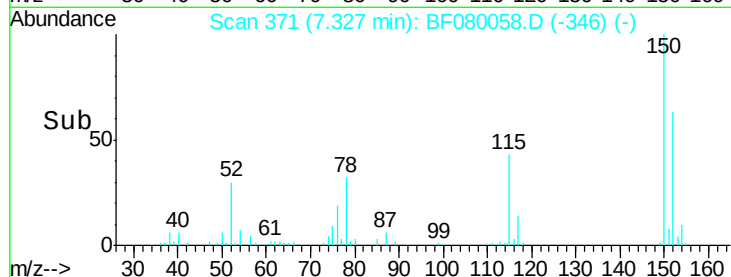
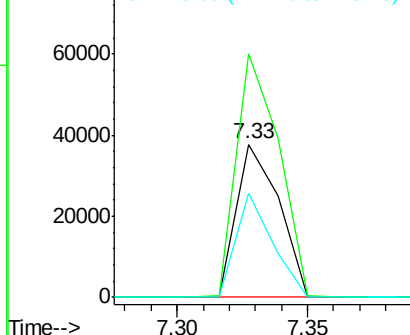
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB84122BL

Tgt Ion:152 Resp: 43052
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 67.6 39.0 58.4#



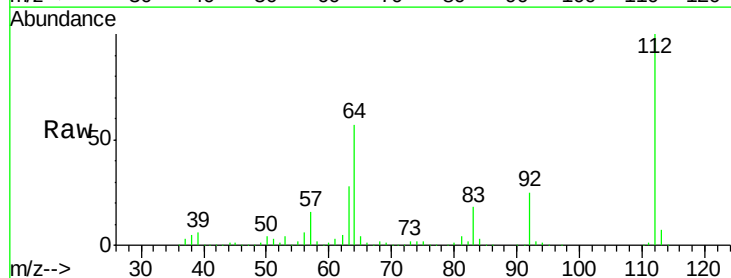
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



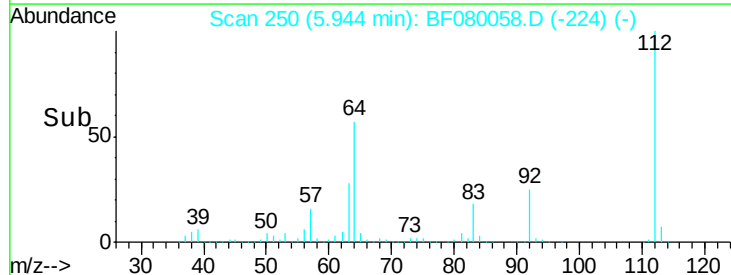
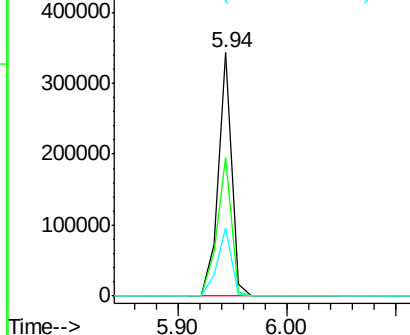
#5

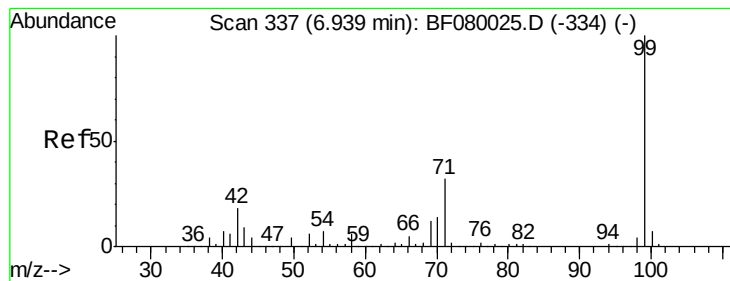
2-Fluorophenol
Concen: 122.70 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Tgt Ion:112 Resp: 298414
Ion Ratio Lower Upper
112 100
64 57.1 39.7 59.5
63 28.0 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: 110.48 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

Instrument :

BNA_F

ClientSampleID :

PB84122BL

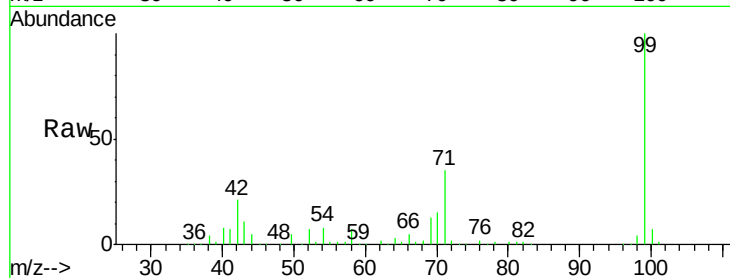
Tgt Ion: 99 Resp: 357552

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

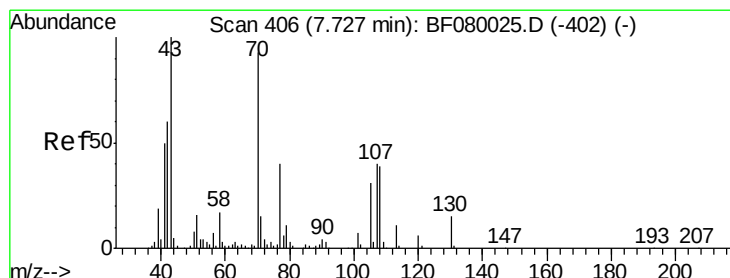
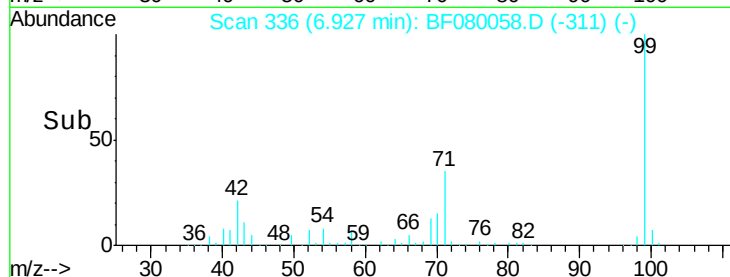
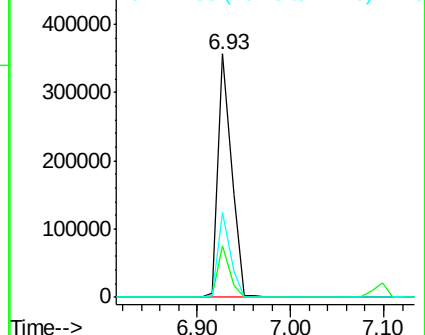
71 35.0 14.2 21.2#



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: 12.69 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

Tgt Ion: 70 Resp: 28522

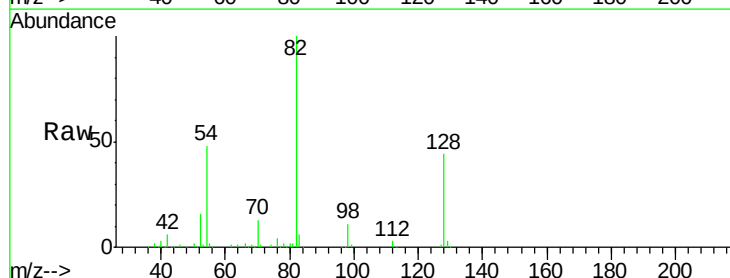
Ion Ratio Lower Upper

70 100

42 46.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

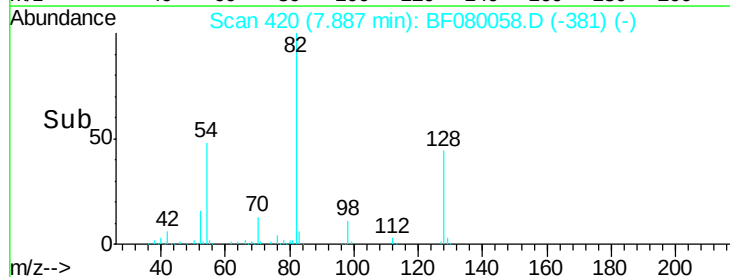
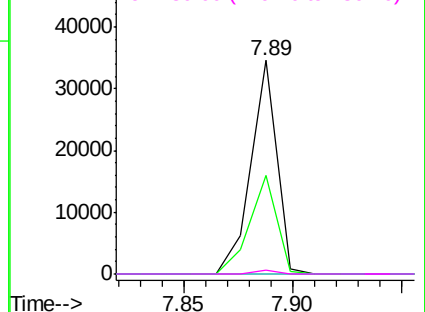


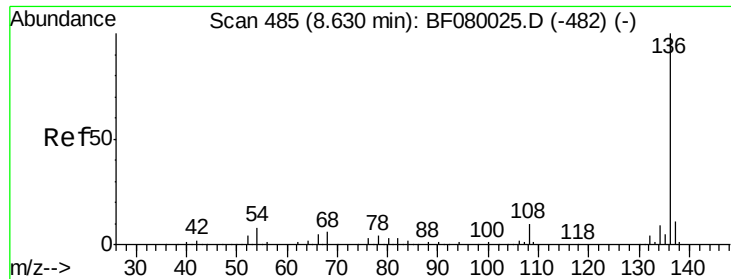
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

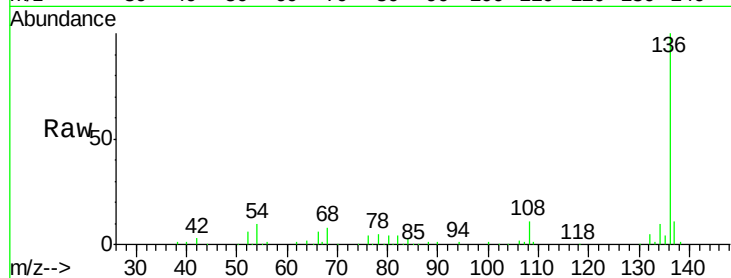




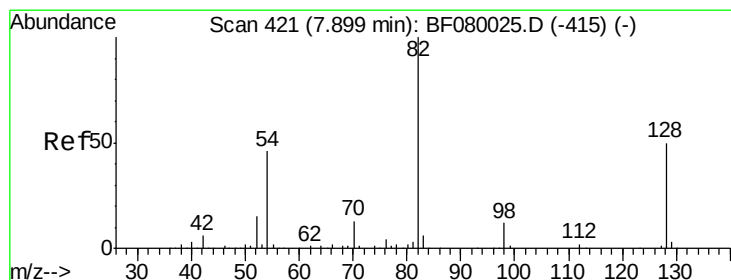
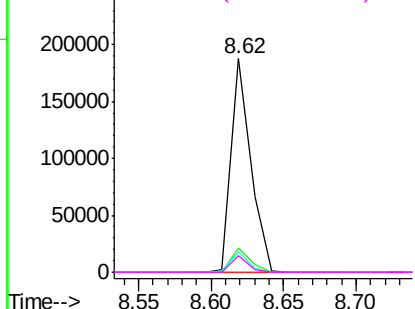
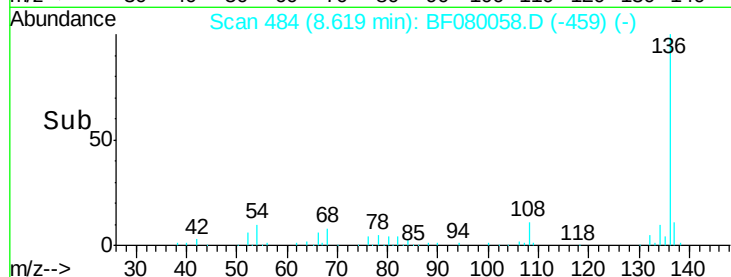
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB84122BL

Tgt Ion: 136 Resp: 177066
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.7 8.2 12.2
68 7.5 5.8 8.6

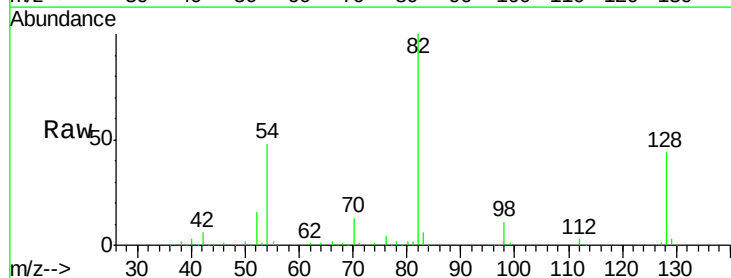


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

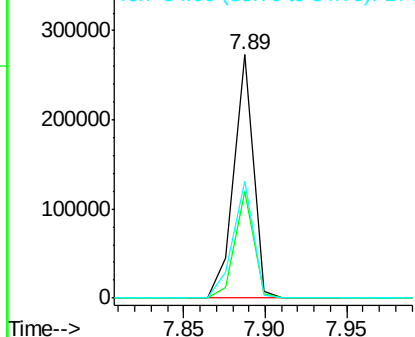
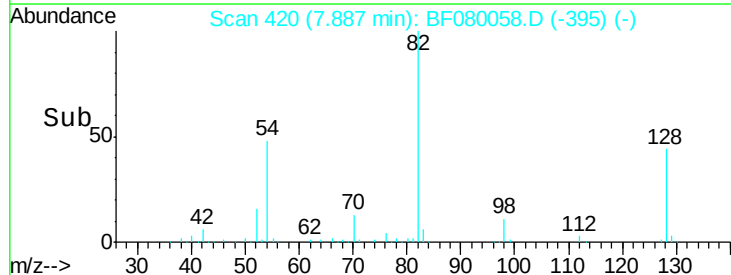


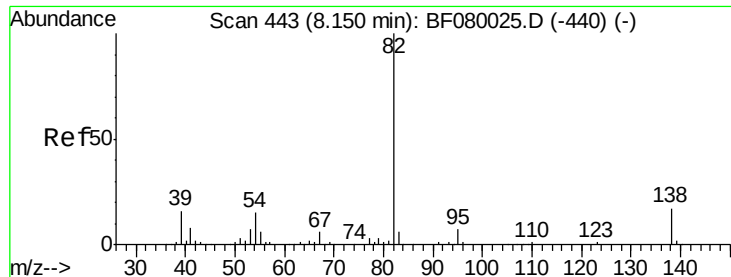
#23
Nitrobenzene-d5
Concen: 73.72 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Tgt Ion: 82 Resp: 224209
Ion Ratio Lower Upper
82 100
128 44.0 51.0 76.6#
54 48.1 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: 36.63 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB84122BL

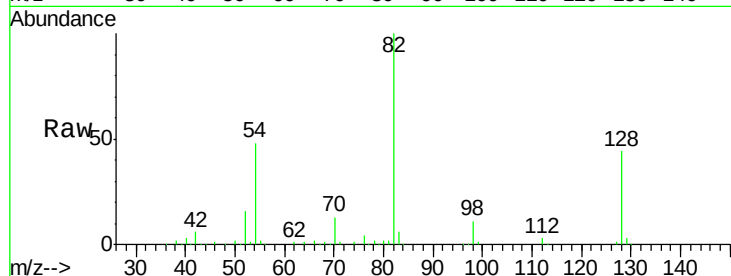
Tgt Ion: 82 Resp: 224203

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

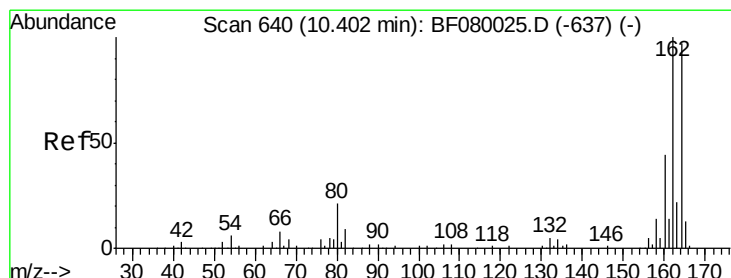
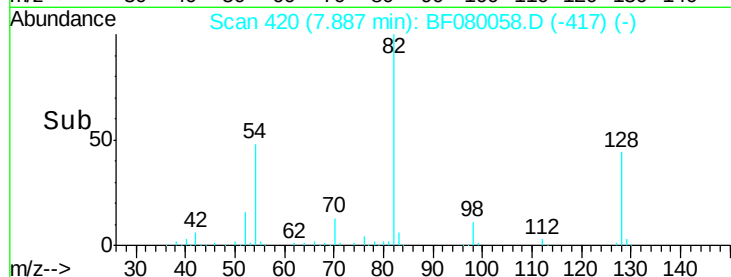
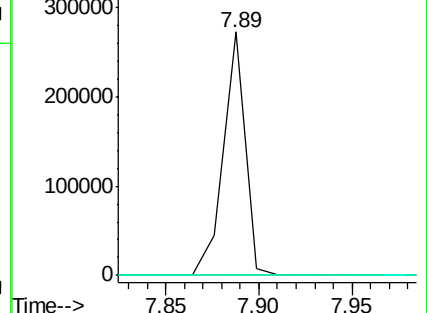
138 0.0 18.3 27.5#



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. -0.01 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

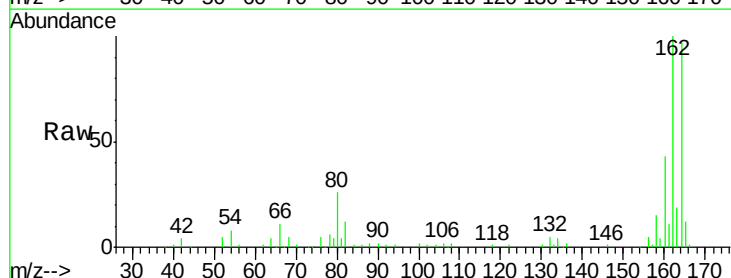
Tgt Ion: 164 Resp: 90056

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

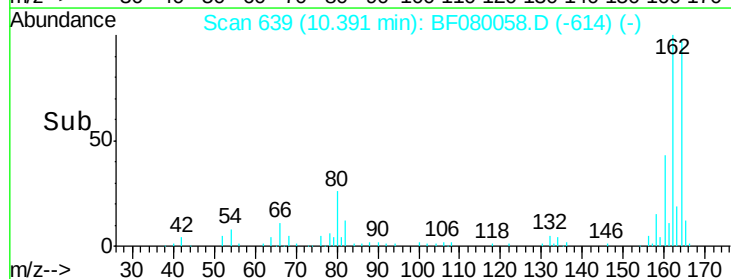
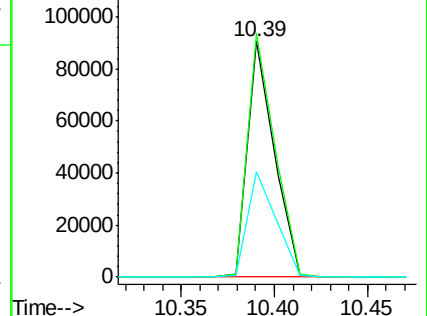
160 44.8 31.5 47.3

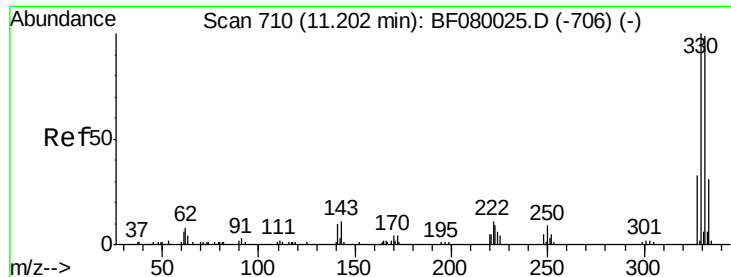


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

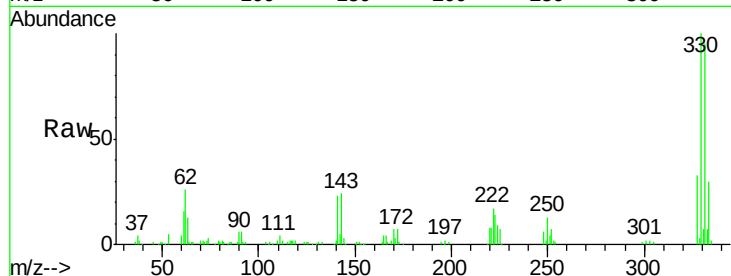




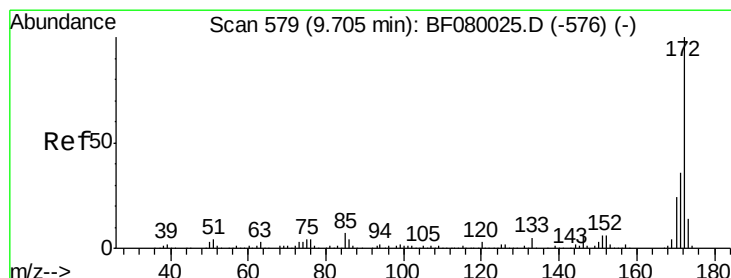
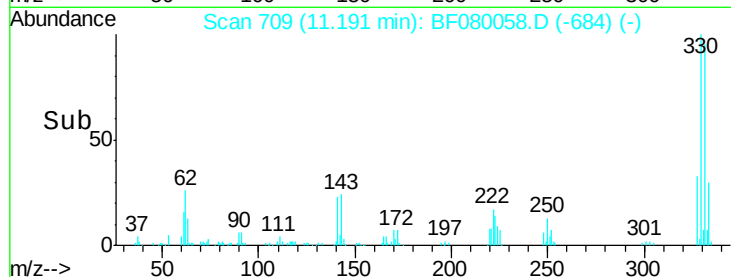
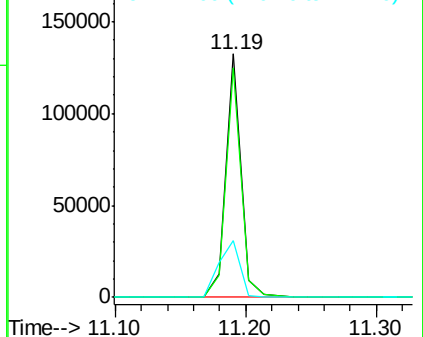
#41
 2,4,6-Tribromophenol
 Concen: 122.49 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080058.D
 Acq: 19 Jun 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84122BL

Tgt Ion:330 Resp: 107869
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 32.9 29.7 44.5

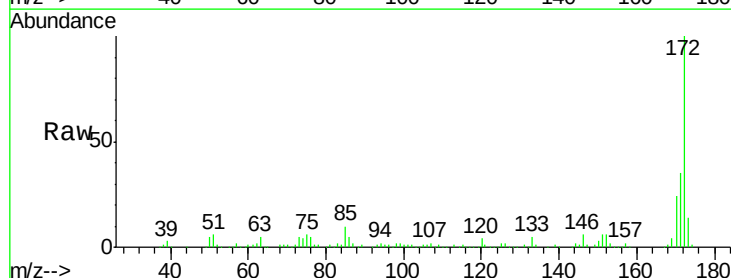


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

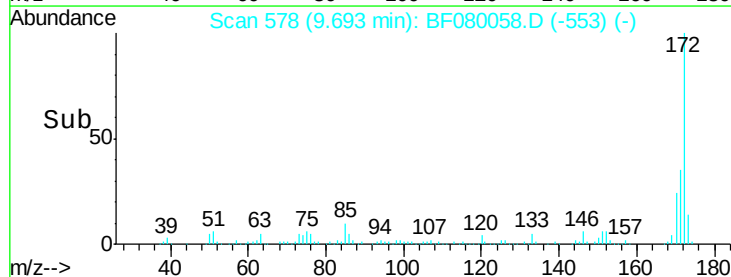
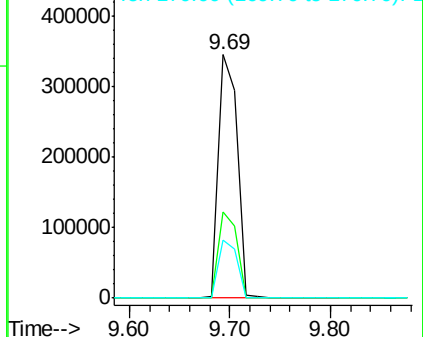


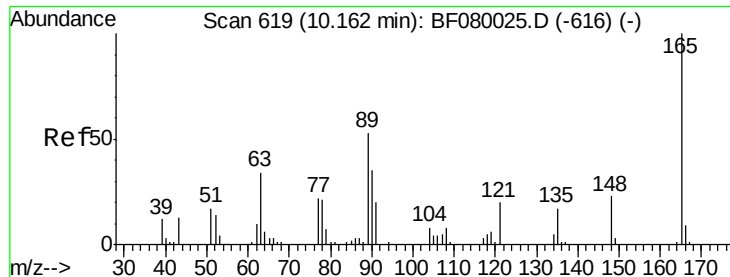
#44
 2-Fluorobiphenyl
 Concen: 70.64 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080058.D
 Acq: 19 Jun 2015 15:32

Tgt Ion:172 Resp: 446112
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.6 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

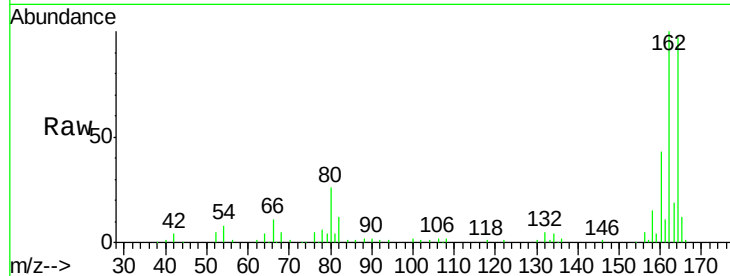




#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 10.39 min Scan# 639
Delta R.T. 0.23 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB84122BL

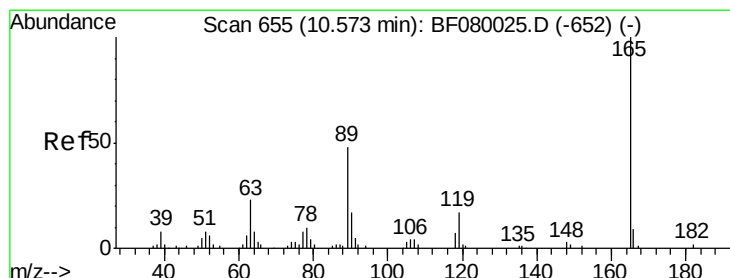
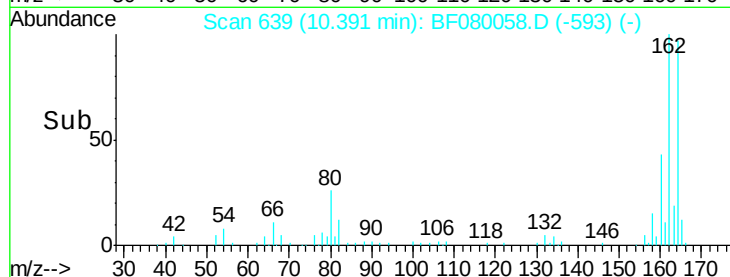
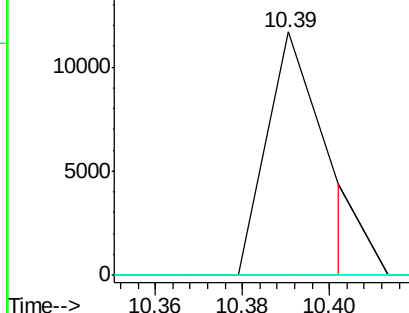
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.40 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.18 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

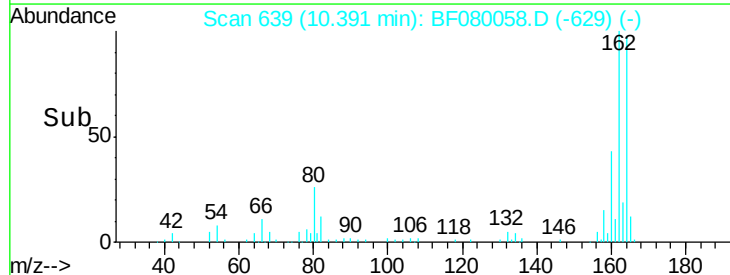
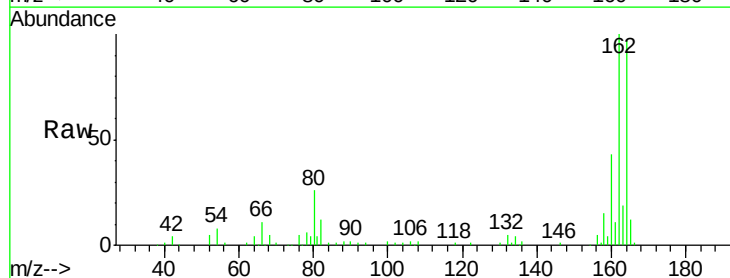
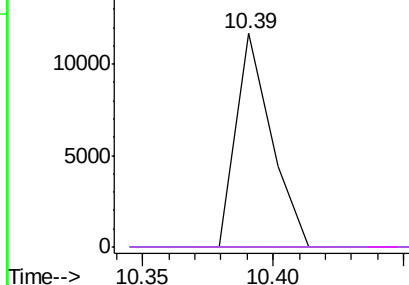
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

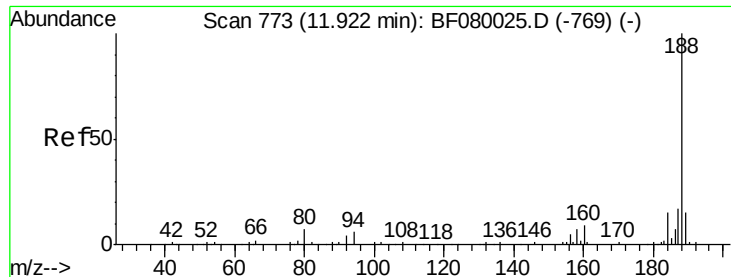
Abundance Ion 165.00 (164.70 to 165.70): E

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

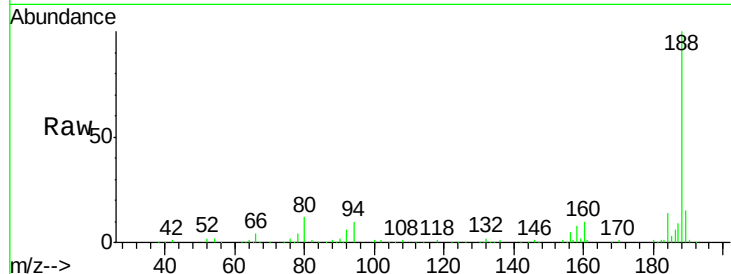




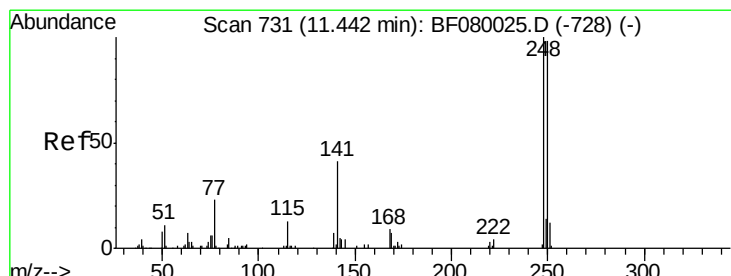
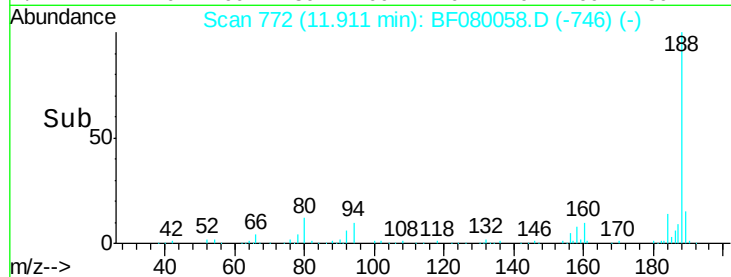
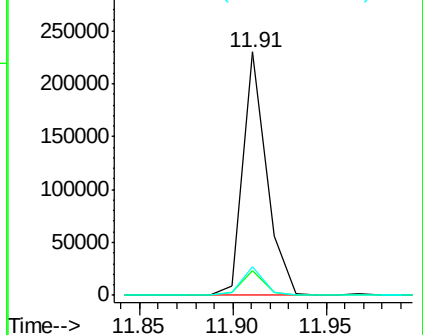
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080058.D
 Acq: 19 Jun 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84122BL

Tgt Ion:188 Resp: 204558
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 11.8 11.0 16.4

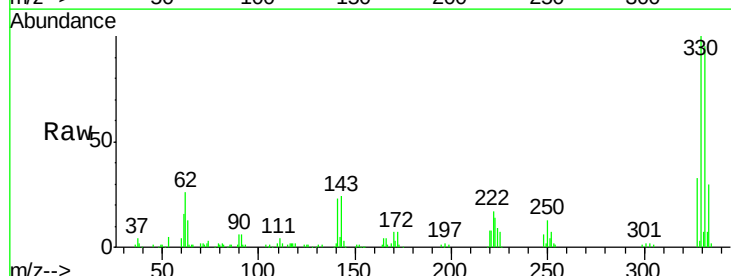


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

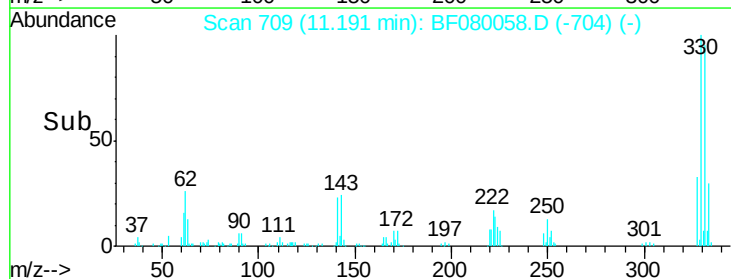
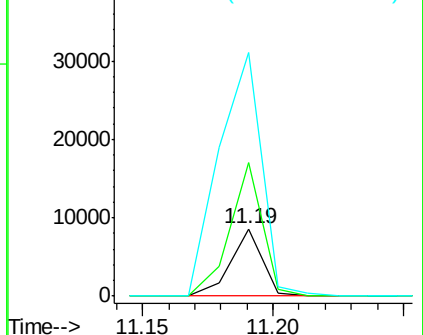


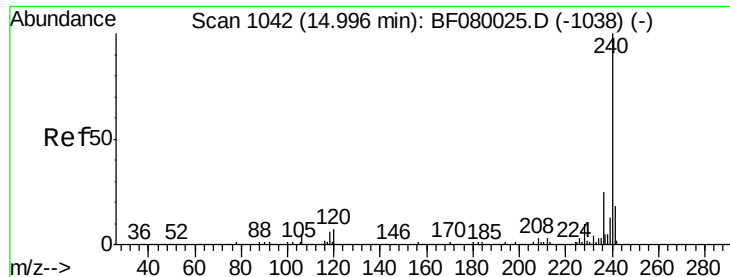
#66
 4-Bromophenyl-phenylether
 Concen: 3.37 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080058.D
 Acq: 19 Jun 2015 15:32

Tgt Ion:248 Resp: 7324
 Ion Ratio Lower Upper
 248 100
 250 200.3 78.5 117.7#
 141 363.5 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: 15.03 min Scan# 1045

Delta R.T. 0.17 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB84122BL

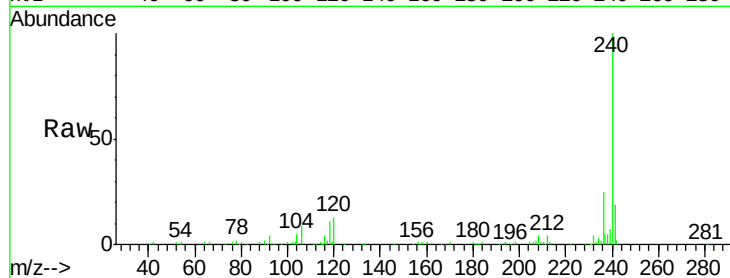
Tgt Ion:240 Resp: 213208

Ion Ratio Lower Upper

240 100

120 13.1 16.2 24.2#

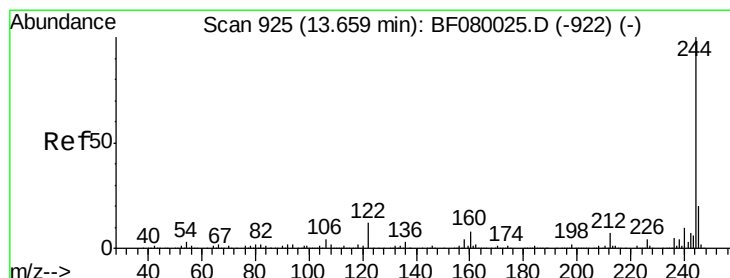
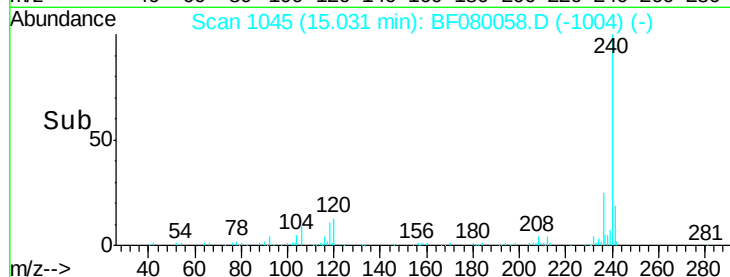
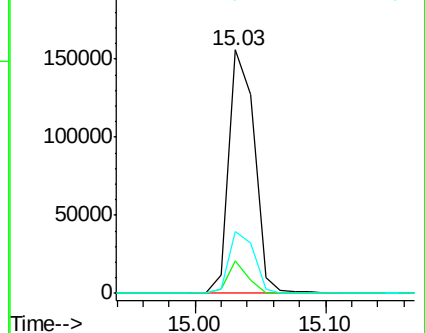
236 25.2 18.4 27.6



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: 67.92 ng

RT: 13.68 min Scan# 927

Delta R.T. 0.09 min

Lab File: BF080058.D

Acq: 19 Jun 2015 15:32

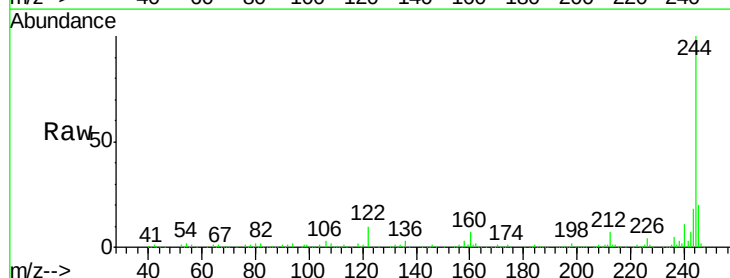
Tgt Ion:244 Resp: 620032

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

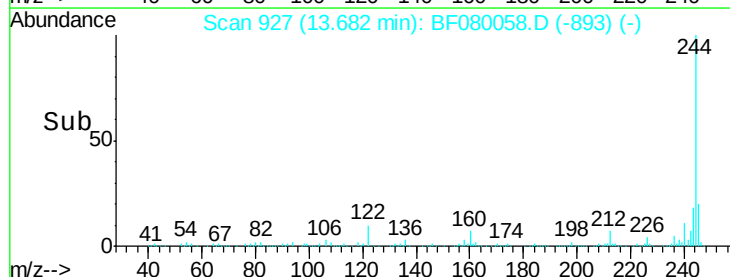
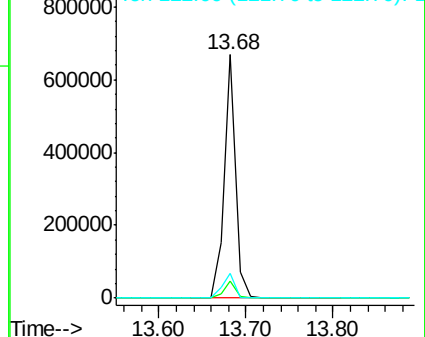
122 9.9 17.4 26.2#

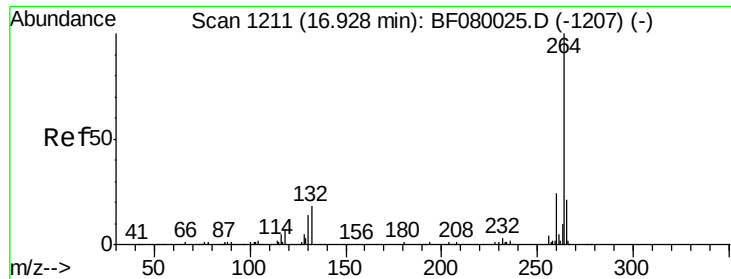


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.02 min Scan# 1219
Delta R.T. 0.27 min
Lab File: BF080058.D
Acq: 19 Jun 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB84122BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.7	17.2	25.8

