

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080102.D
 Acq On : 22 Jun 2015 19:05
 Operator : TP/IZ
 Sample : PB84129BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BL

Quant Time: Jun 23 01:04:17 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

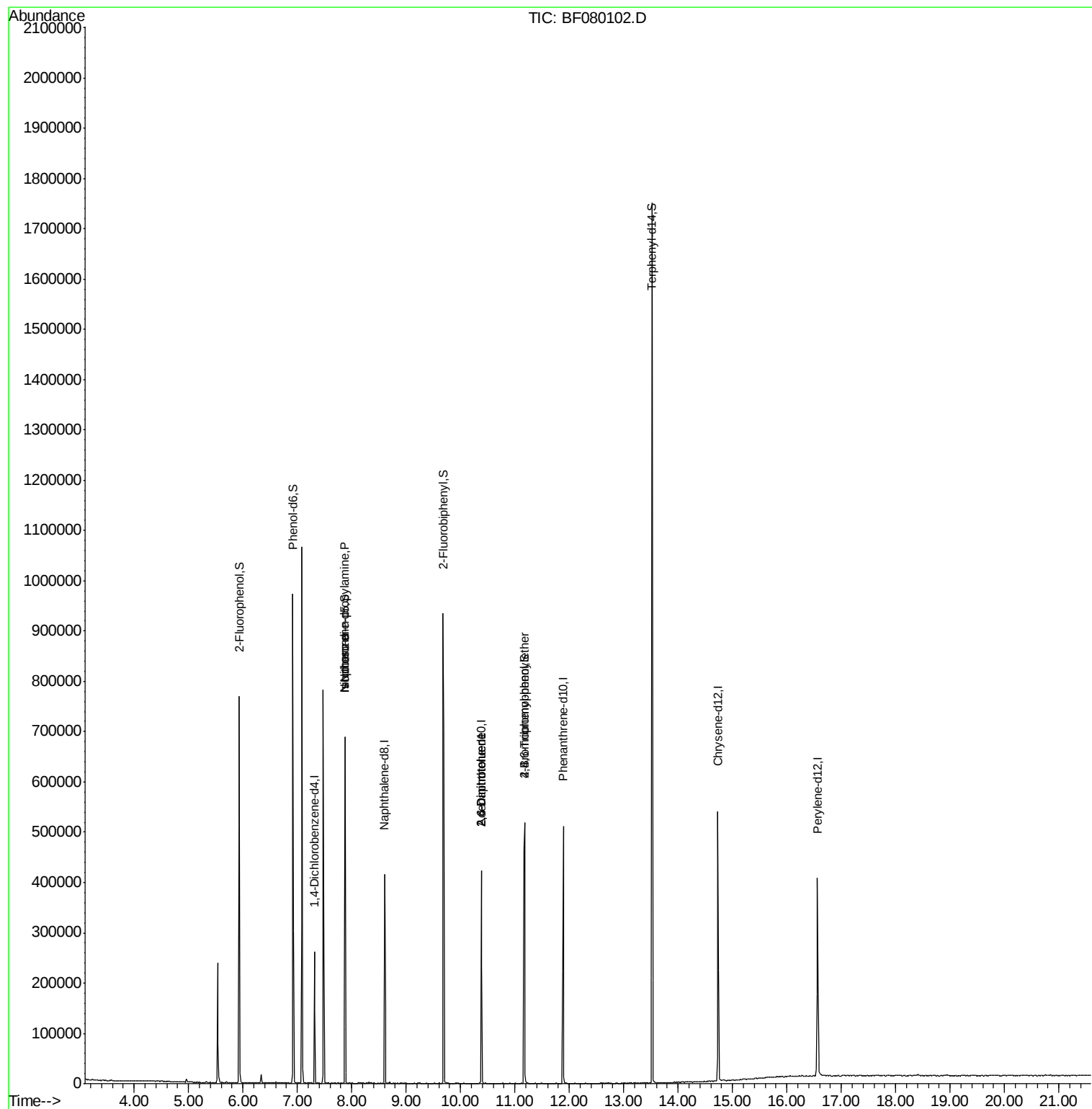
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	46383	20.00	ng	-0.01
21) Naphthalene-d8	8.61	136	195322	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	97901	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	214732	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	223299	20.00	ng	-0.26
86) Perylene-d12	16.56	264	218468	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	260709	99.50	ng	0.00
7) Phenol-d6	6.92	99	326238	93.56	ng	-0.01
23) Nitrobenzene-d5	7.88	82	197263	58.79	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	87317	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	400176	58.29	ng	-0.01
78) Terphenyl-d14	13.52	244	536221	56.08	ng	-0.15
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	24737	10.22	ng	# 59
25) Isophorone	7.88	82	197253	29.21	ng	# 58
50) 2,6-Dinitrotoluene	10.38	165	12516	8.48	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	12519	6.69	ng	# 31
66) 4-Bromophenyl-phenylether	11.18	248	5888	2.58	ng	# 1

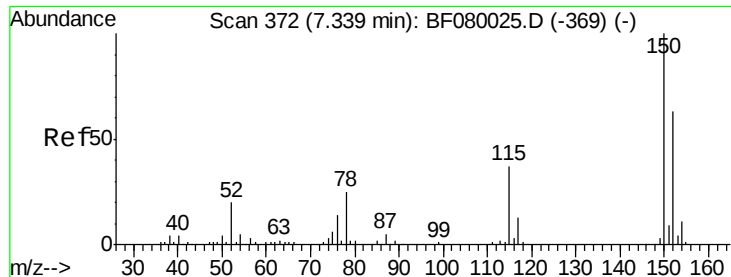
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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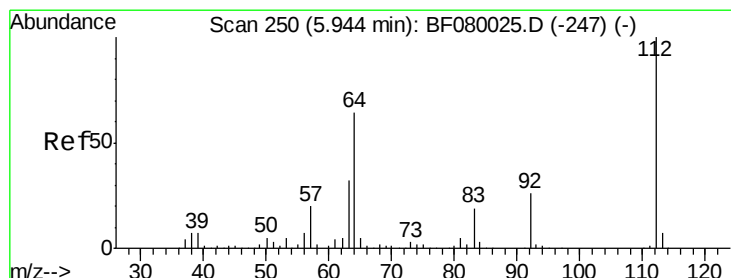
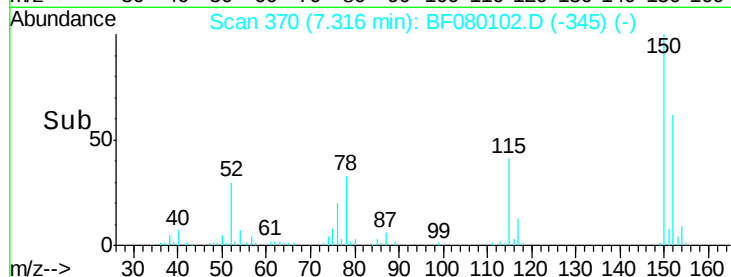
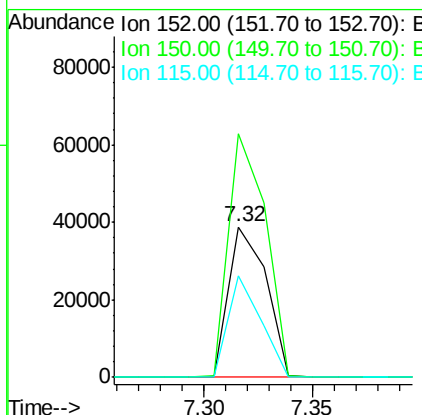
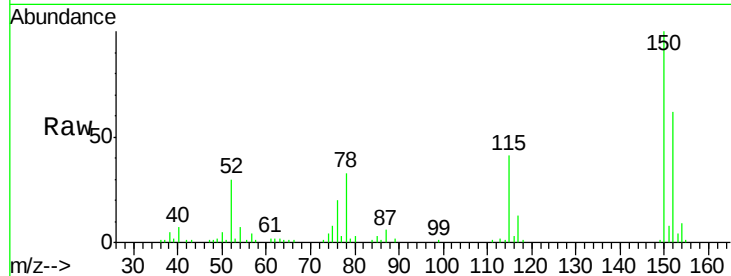




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

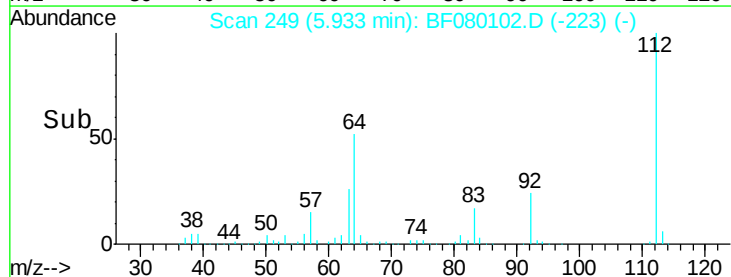
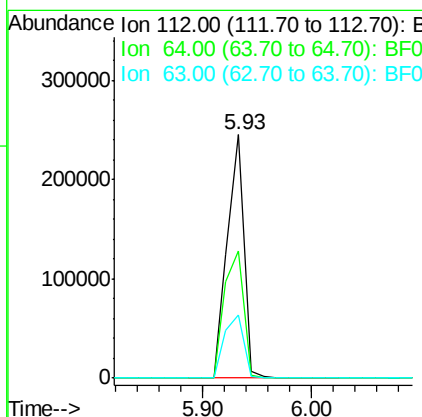
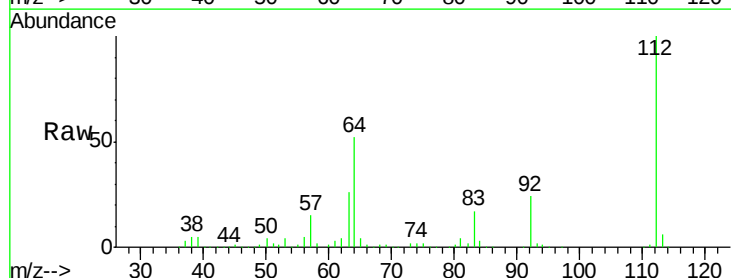
Instrument :
 BNA_F
 ClientSampleId :
 PB84129BL

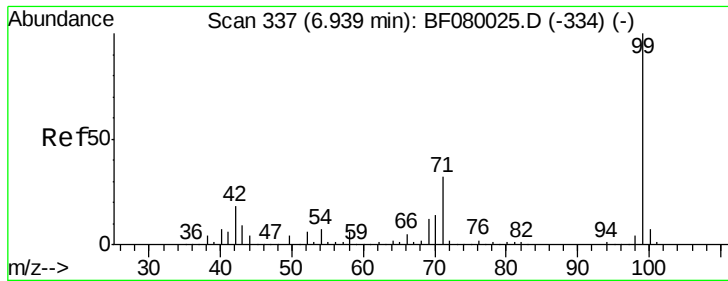
Tgt Ion:152 Resp: 46383
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.7 187.1
 115 67.0 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 99.50 ng
 RT: 5.93 min Scan# 249
 Delta R.T. 0.00 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

Tgt Ion:112 Resp: 260709
 Ion Ratio Lower Upper
 112 100
 64 52.4 39.7 59.5
 63 25.7 17.4 26.0





#7

Phenol-d6

Concen: 93.56 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84129BL

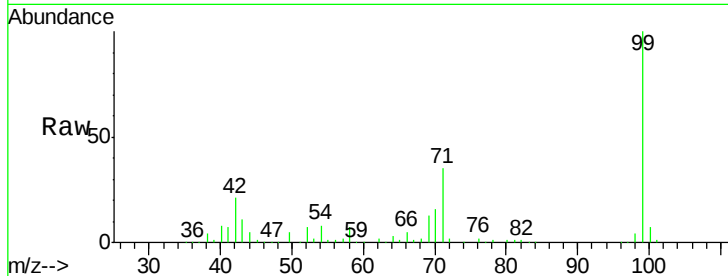
Tgt Ion: 99 Resp: 326238

Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

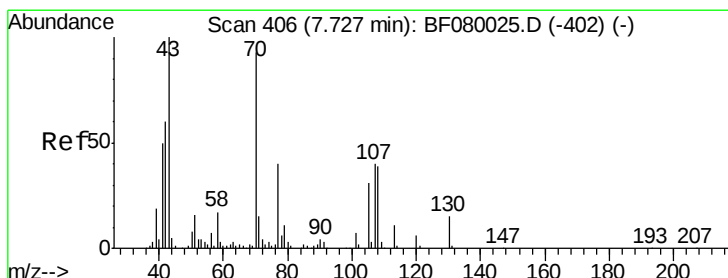
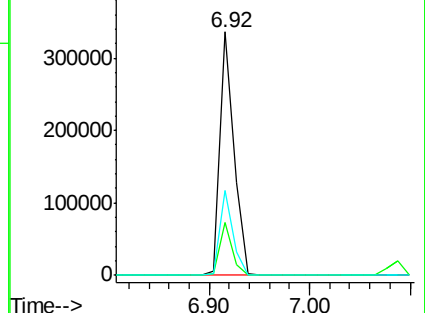
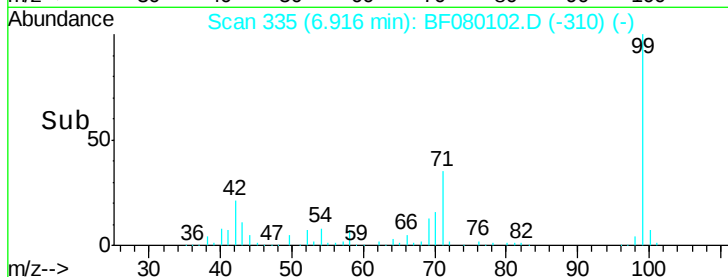
71 34.7 14.2 21.2#



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: 10.22 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

Tgt Ion: 70 Resp: 24737

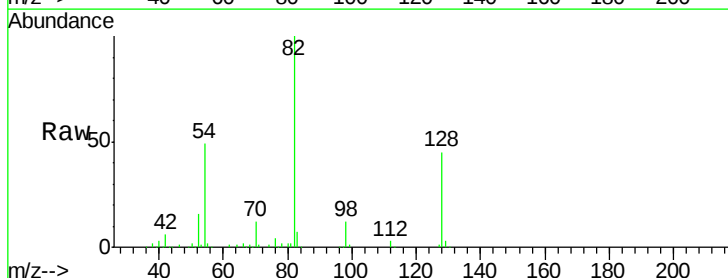
Ion Ratio Lower Upper

70 100

42 48.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

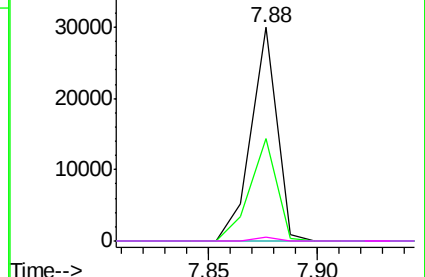
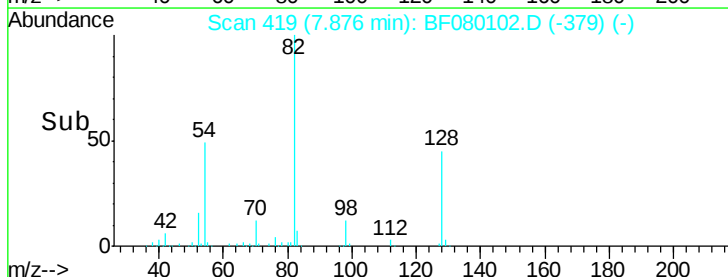


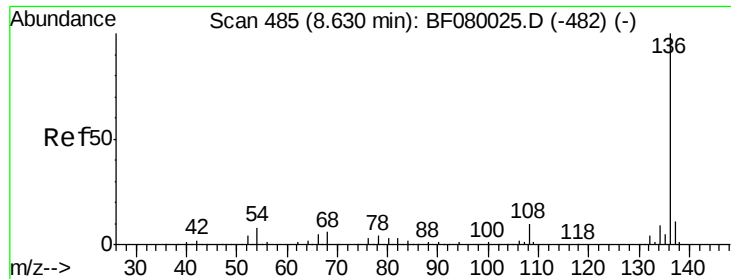
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

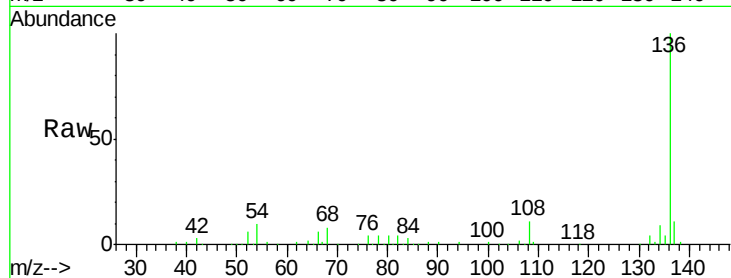




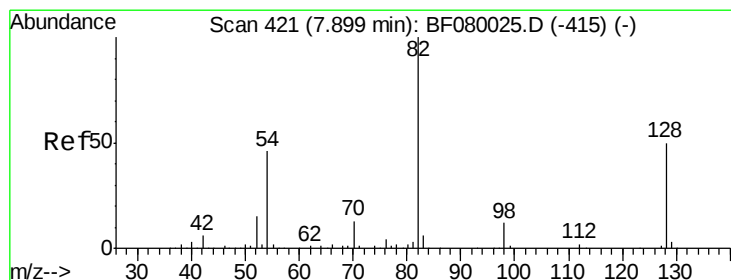
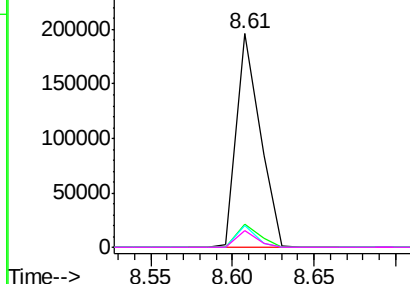
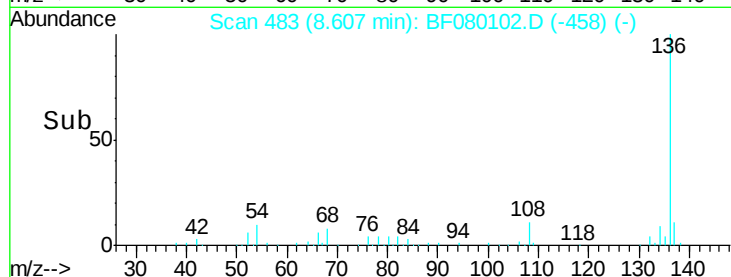
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080102.D
Acq: 22 Jun 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84129BL

Tgt Ion:	136	Resp:	195322
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.4	8.2	12.2
68	7.6	5.8	8.6

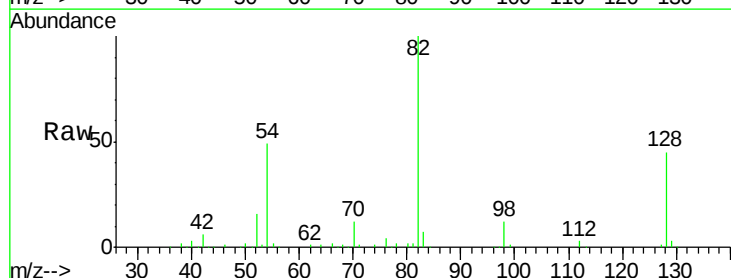


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

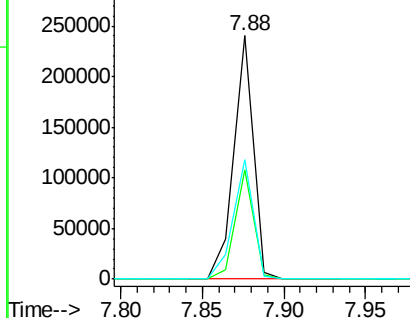
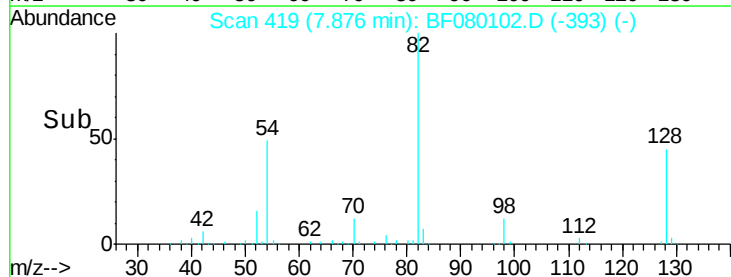


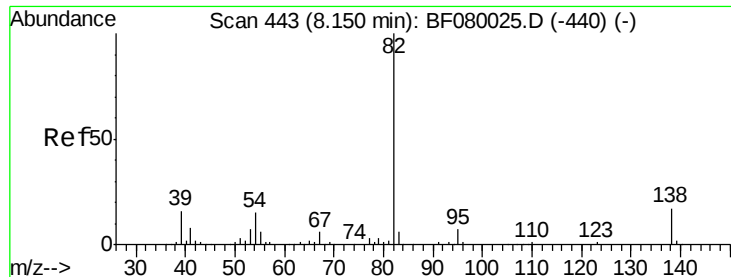
#23
Nitrobenzene-d5
Concen: 58.79 ng
RT: 7.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080102.D
Acq: 22 Jun 2015 19:05

Tgt Ion:	82	Resp:	197263
Ion	Ratio	Lower	Upper
82	100		
128	44.7	51.0	76.6#
54	48.9	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: 29.21 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84129BL

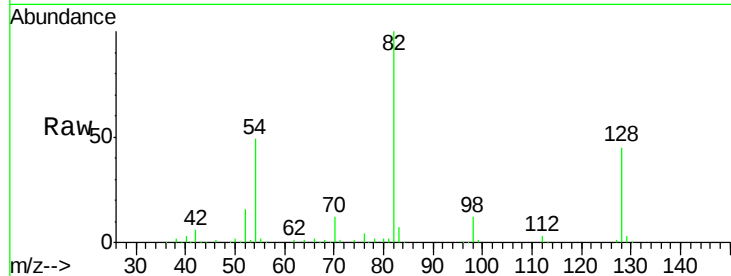
Tgt Ion: 82 Resp: 197253

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

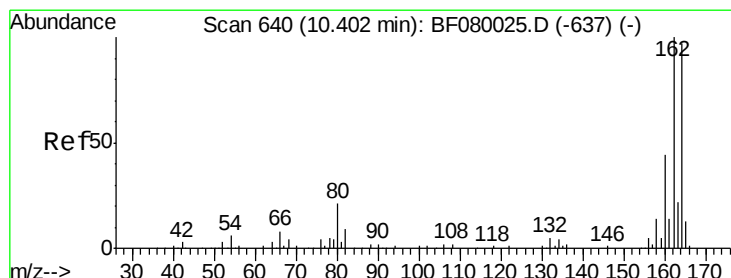
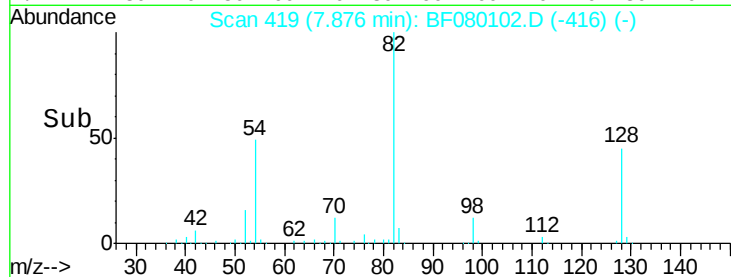
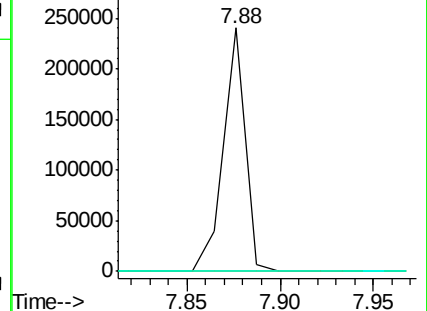
138 0.0 18.3 27.5#



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: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

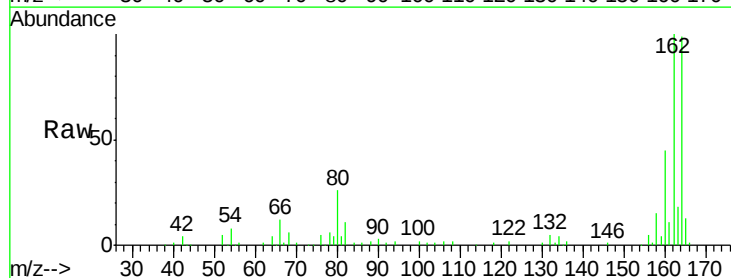
Tgt Ion: 164 Resp: 97901

Ion Ratio Lower Upper

164 100

162 101.2 75.2 112.8

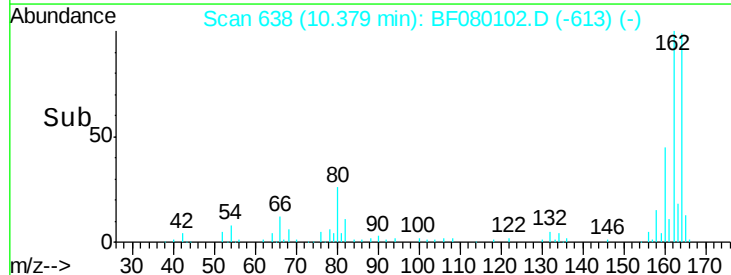
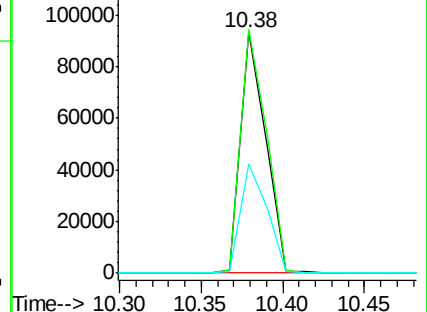
160 45.2 31.5 47.3

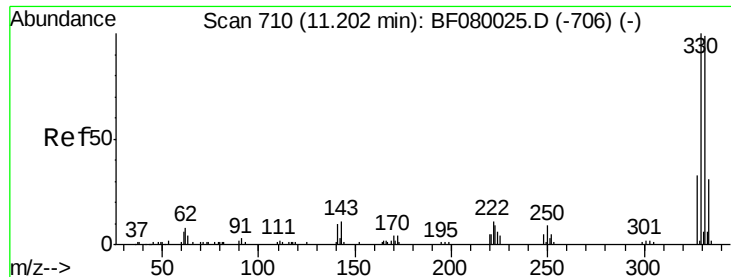


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

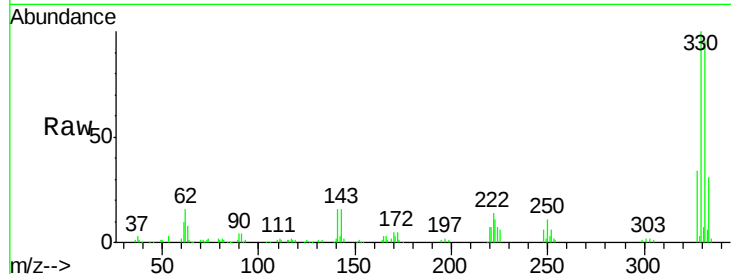




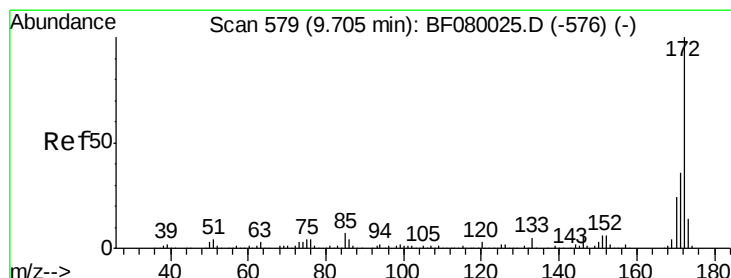
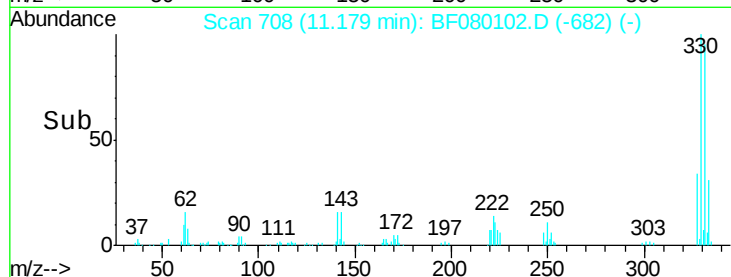
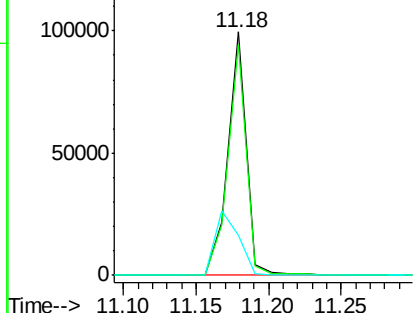
#41
 2,4,6-Tribromophenol
 Concen: 91.21 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

Instrument :
 BNA_F
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 PB84129BL

Tgt Ion:330 Resp: 87317
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 34.6 29.7 44.5

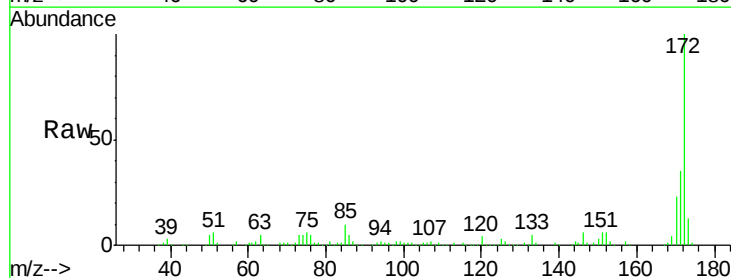


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

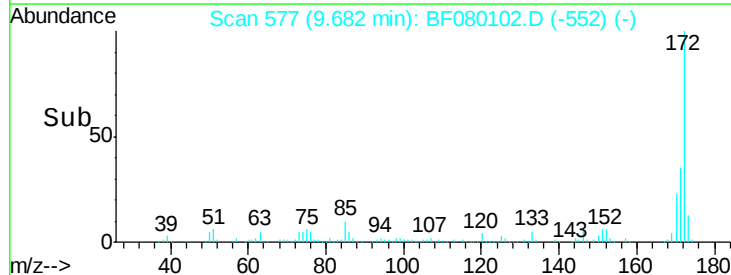
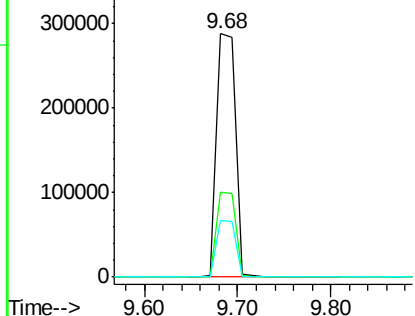


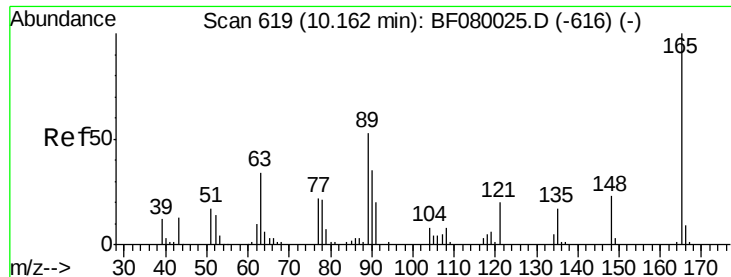
#44
 2-Fluorobiphenyl
 Concen: 58.29 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

Tgt Ion:172 Resp: 400176
 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

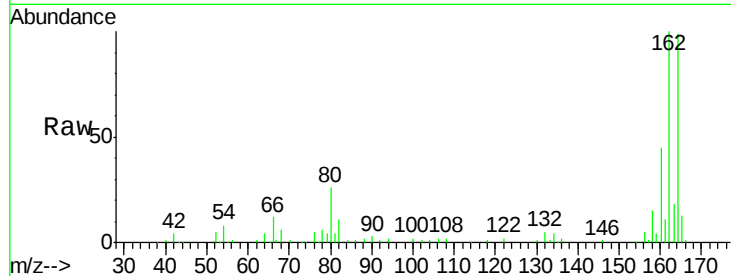




#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.23 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BL

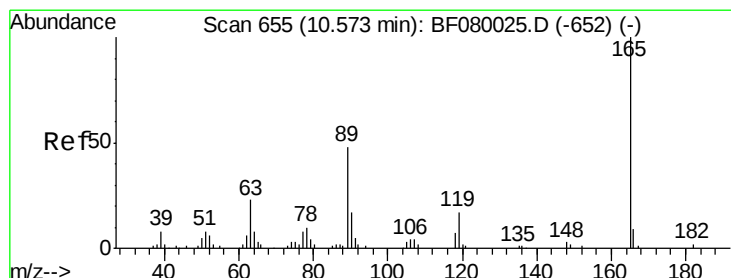
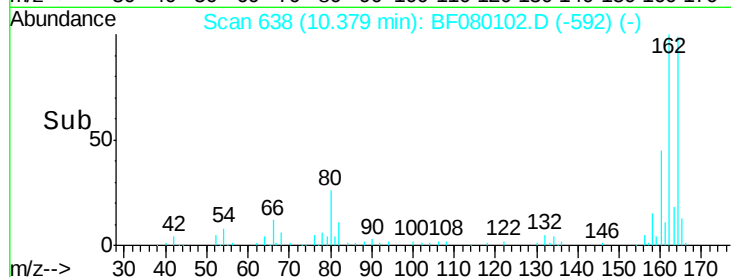
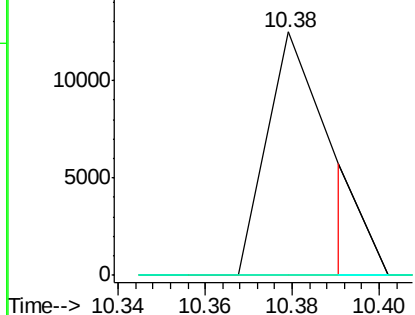
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.69 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

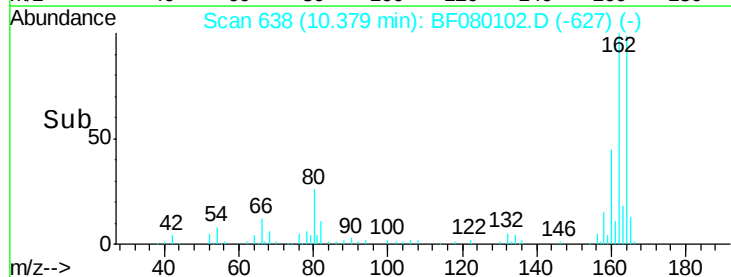
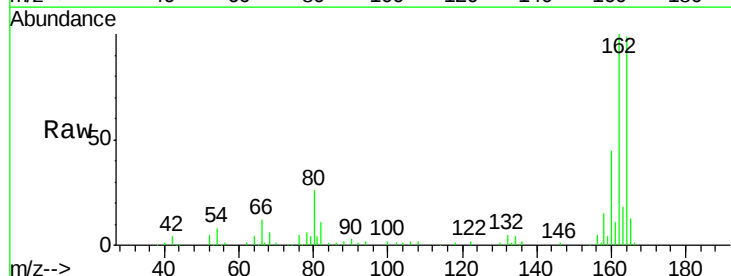
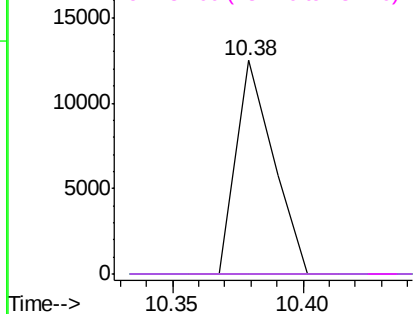
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

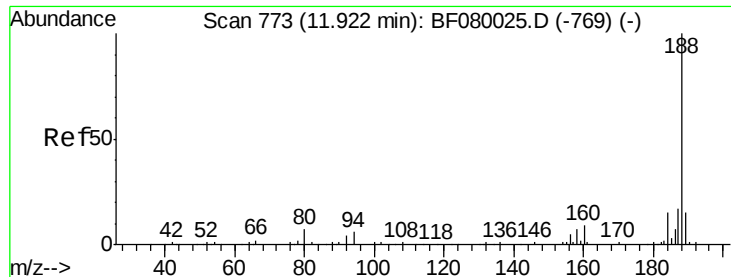
Abundance Ion 165.00 (164.70 to 165.70): E

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

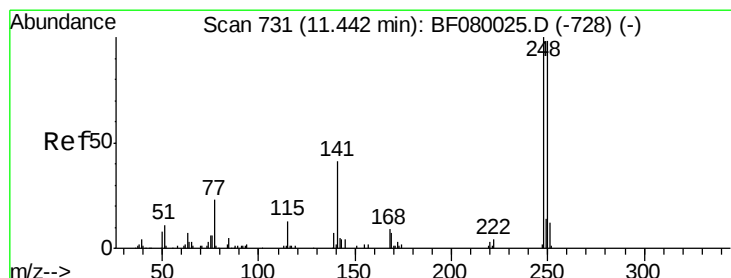
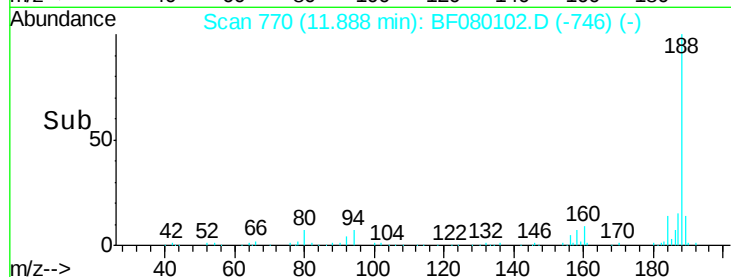
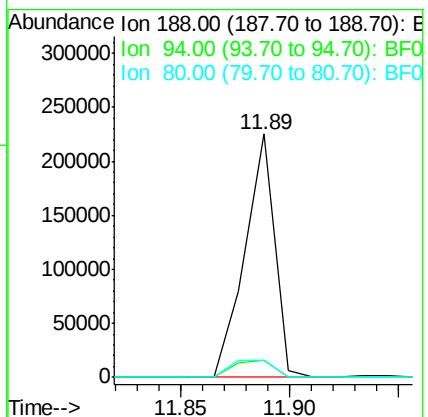
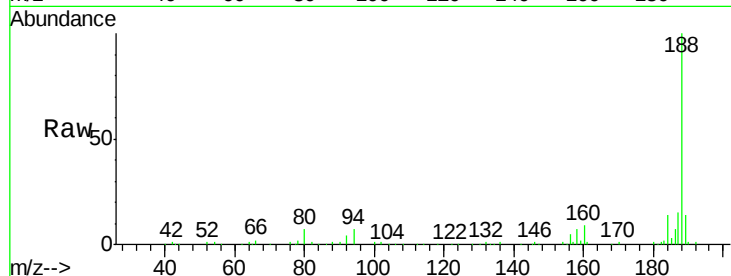




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

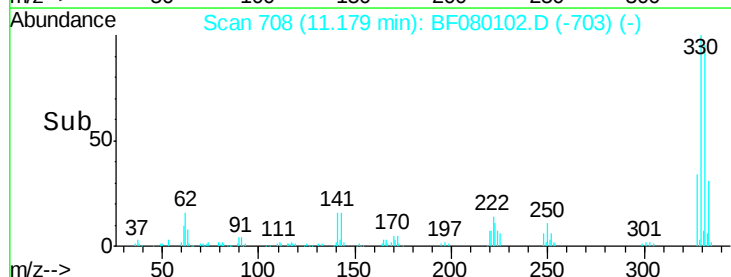
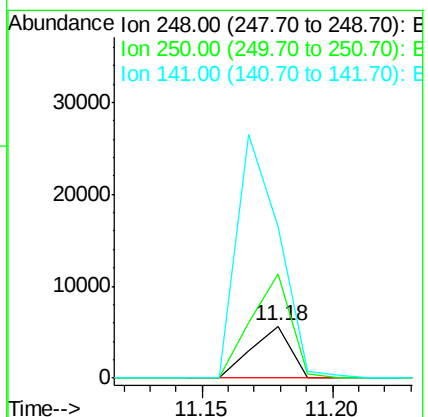
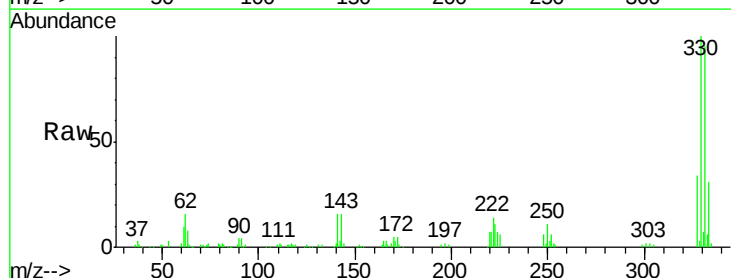
Instrument :
 BNA_F
 ClientSampleId :
 PB84129BL

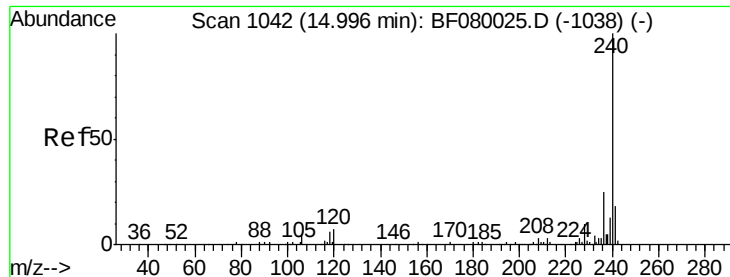
Tgt Ion:188 Resp: 214732
 Ion Ratio Lower Upper
 188 100
 94 7.2 11.1 16.7#
 80 7.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.58 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080102.D
 Acq: 22 Jun 2015 19:05

Tgt Ion:248 Resp: 5888
 Ion Ratio Lower Upper
 248 100
 250 200.3 78.5 117.7#
 141 290.8 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1019

Delta R.T. -0.26 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84129BL

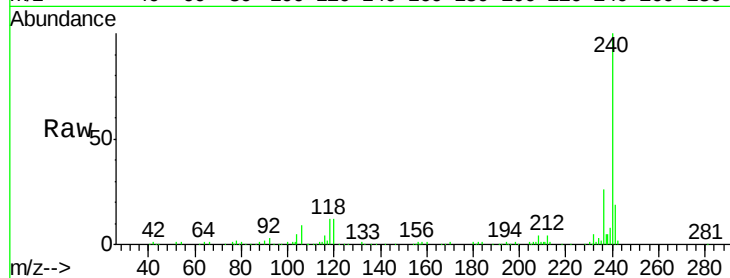
Tgt Ion:240 Resp: 223299

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

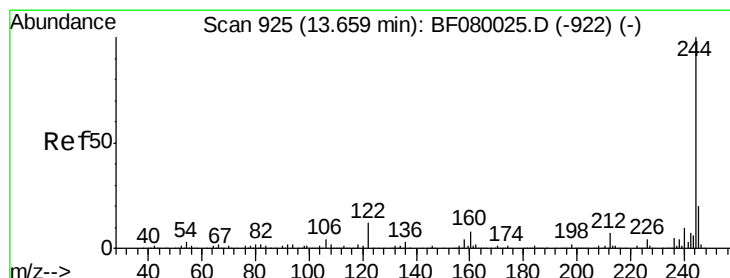
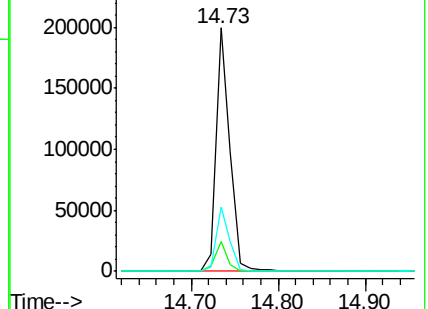
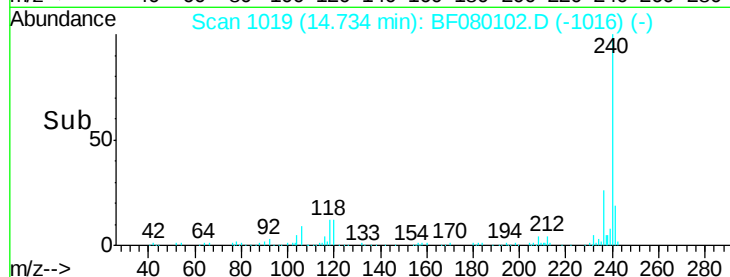
236 26.4 18.4 27.6



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: 56.08 ng

RT: 13.52 min Scan# 913

Delta R.T. -0.15 min

Lab File: BF080102.D

Acq: 22 Jun 2015 19:05

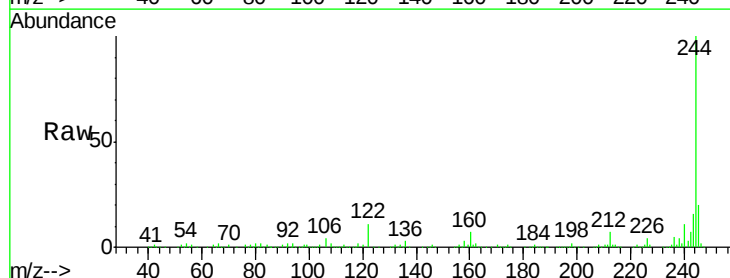
Tgt Ion:244 Resp: 536221

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

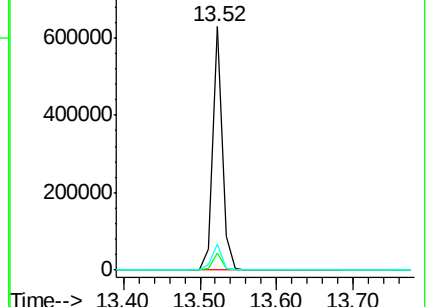
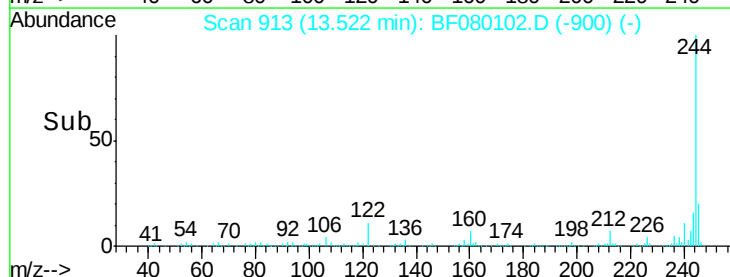
122 10.9 17.4 26.2#

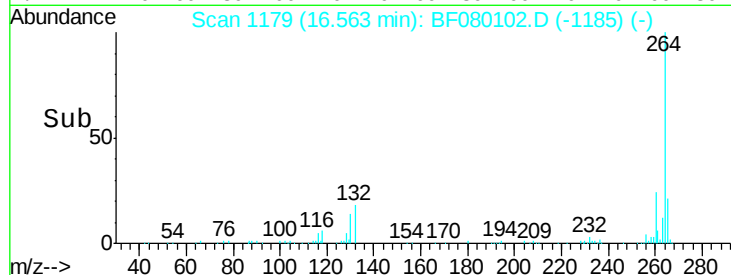
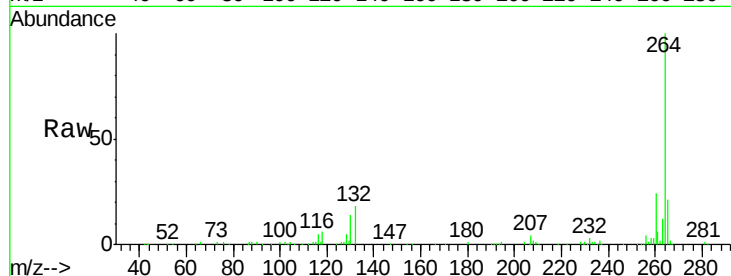
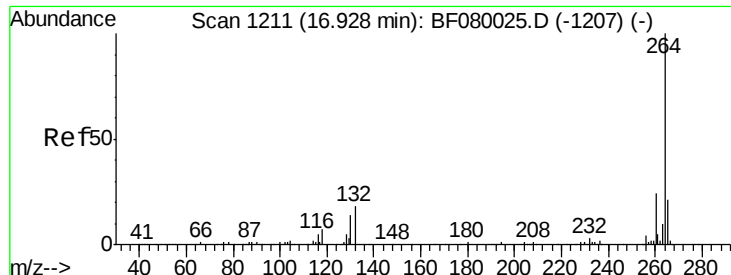


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.56 min Scan# 1179
Delta R.T. -0.37 min
Lab File: BF080102.D
Acq: 22 Jun 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84129BL

Tgt Ion:	264	Resp:	218468
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	20.9	17.2	25.8

