

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080210.D
 Acq On : 29 Jun 2015 17:08
 Operator : TP/IZ
 Sample : PB84267TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84267TB

Quant Time: Jun 30 01:43:57 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

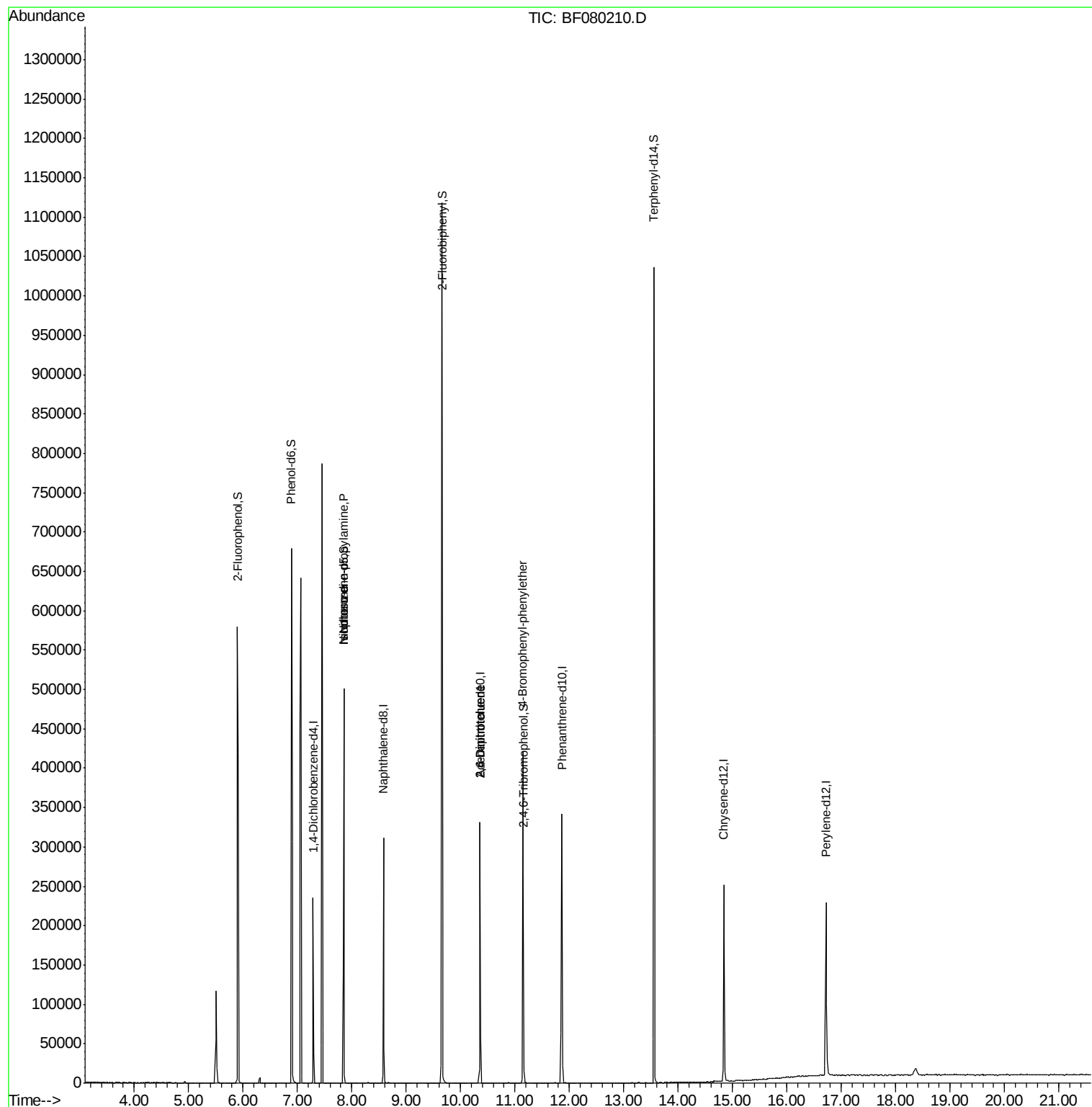
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33377	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	126555	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	62032	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	127324	20.00	ng	-0.05
75) Chrysene-d12	14.84	240	130705	20.00	ng	-0.16
86) Perylene-d12	16.72	264	131007	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	206292	109.41	ng	-0.03
7) Phenol-d6	6.89	99	257537	102.64	ng	-0.03
23) Nitrobenzene-d5	7.85	82	156326	71.91	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	59347	97.84	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	331109	76.12	ng	-0.03
78) Terphenyl-d14	13.56	244	384728	68.74	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	19648	11.28	ng	# 57
25) Isophorone	7.85	82	156322	35.73	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	7905	8.46	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7904	6.66	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	3788	2.80	ng	# 1

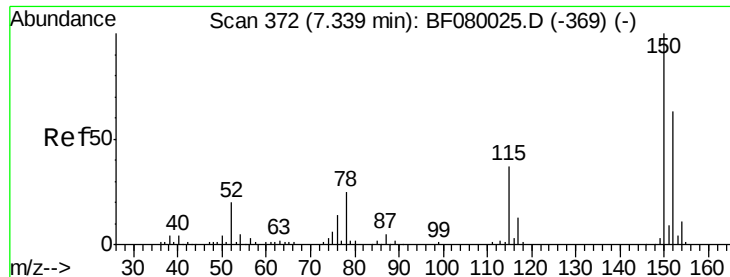
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080210.D

Acq: 29 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84267TB

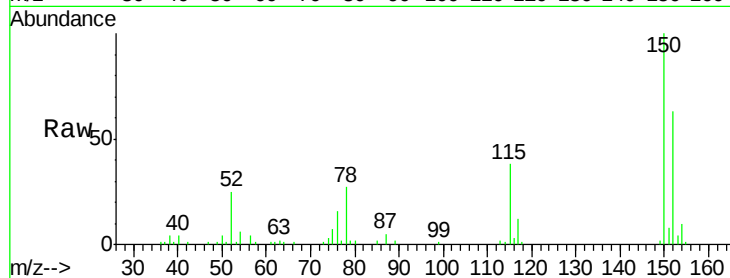
Tgt Ion:152 Resp: 33377

Ion Ratio Lower Upper

152 100

150 157.7 124.7 187.1

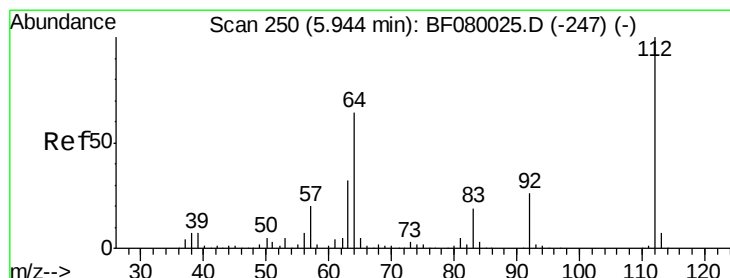
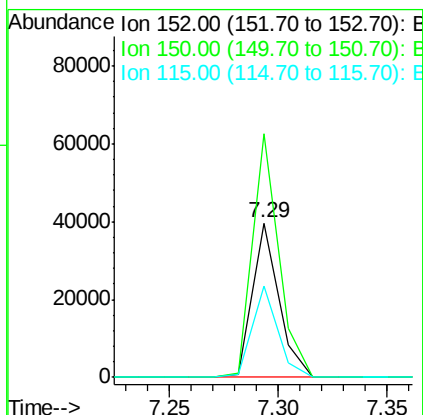
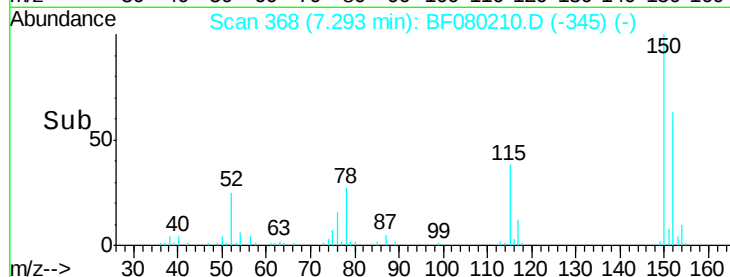
115 59.5 39.0 58.4#



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: 109.41 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080210.D

Acq: 29 Jun 2015 17:08

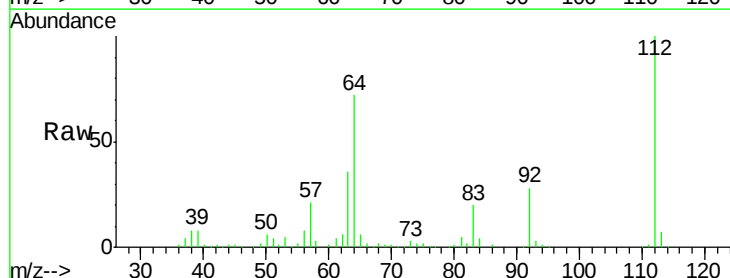
Tgt Ion:112 Resp: 206292

Ion Ratio Lower Upper

112 100

64 71.6 39.7 59.5#

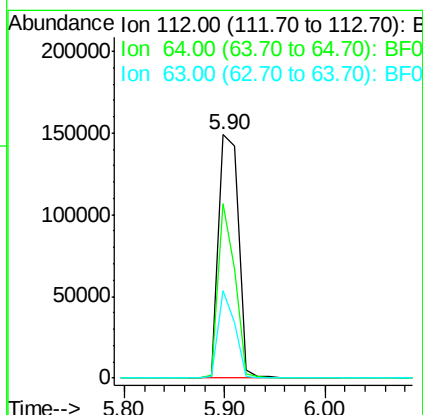
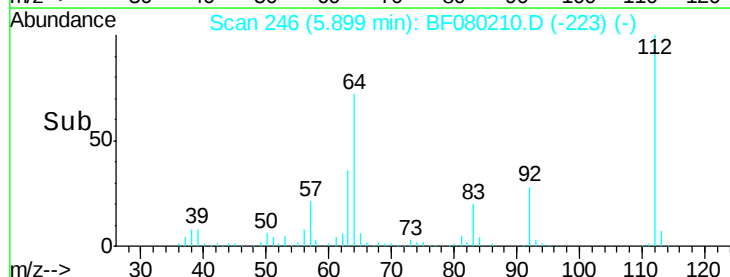
63 35.8 17.4 26.0#

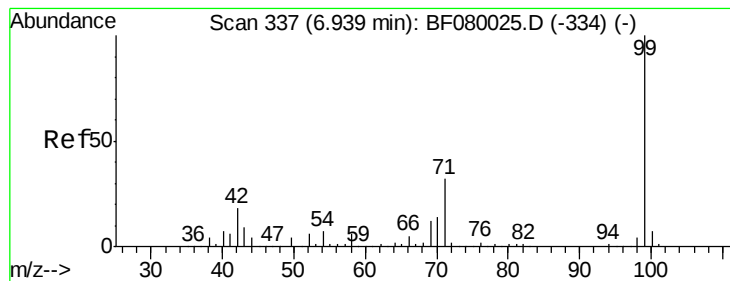


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.64 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080210.D

Acq: 29 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84267TB

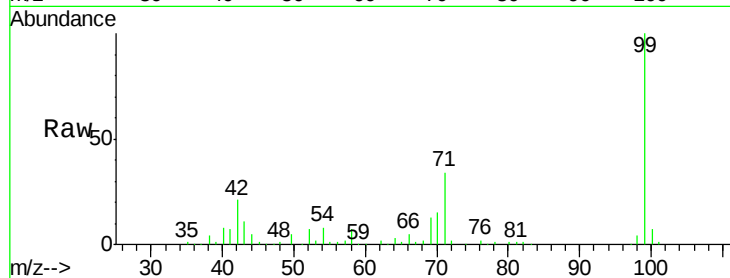
Tgt Ion: 99 Resp: 257537

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

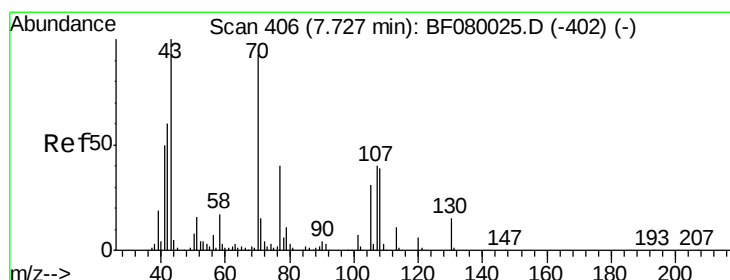
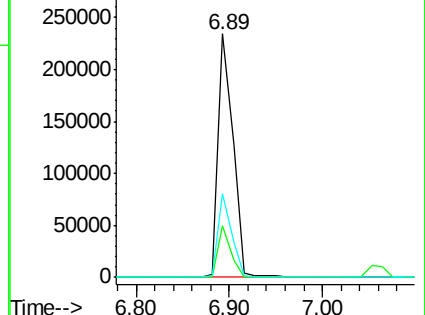
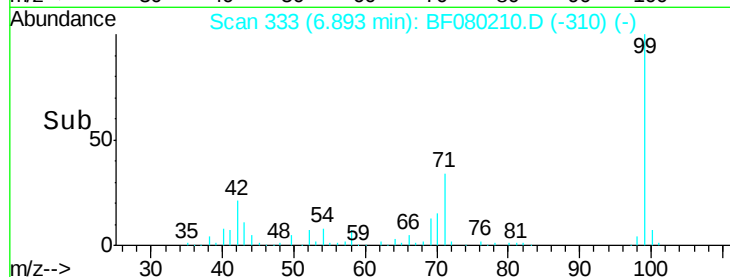
71 34.2 14.2 21.2#



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: 11.28 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080210.D

Acq: 29 Jun 2015 17:08

Tgt Ion: 70 Resp: 19648

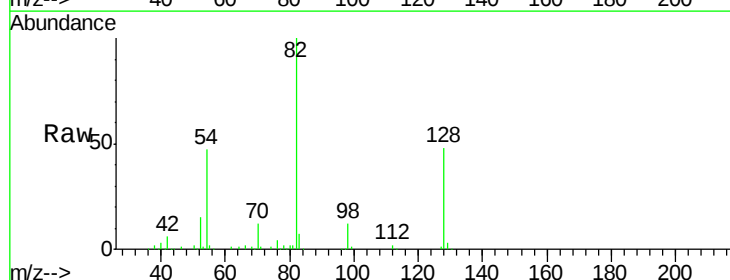
Ion Ratio Lower Upper

70 100

42 45.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

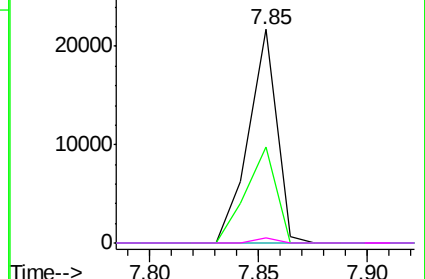
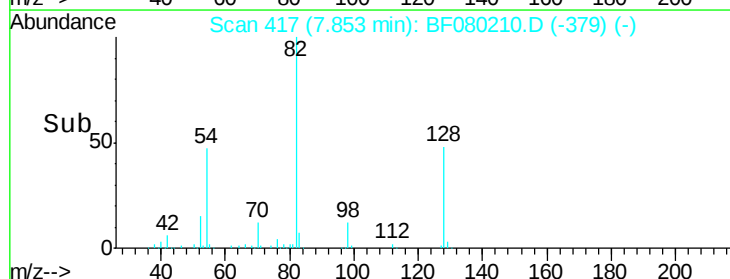


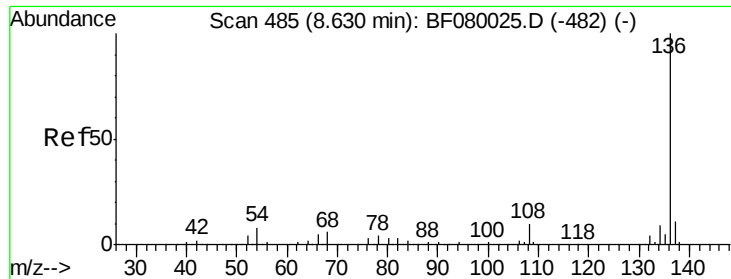
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

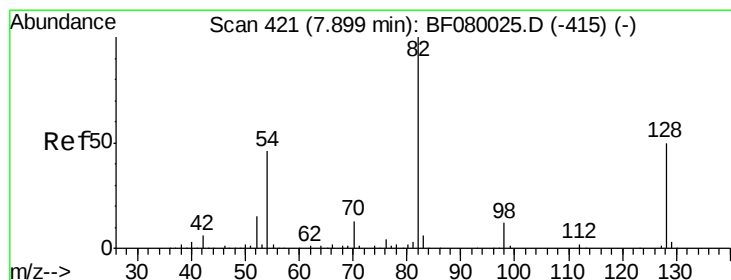
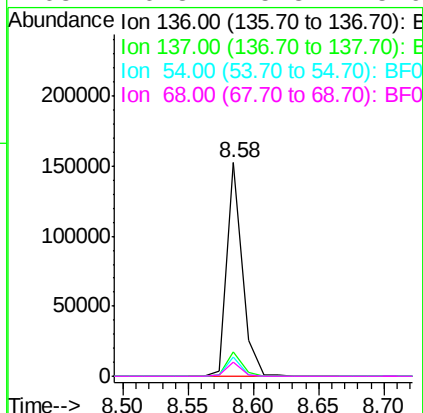
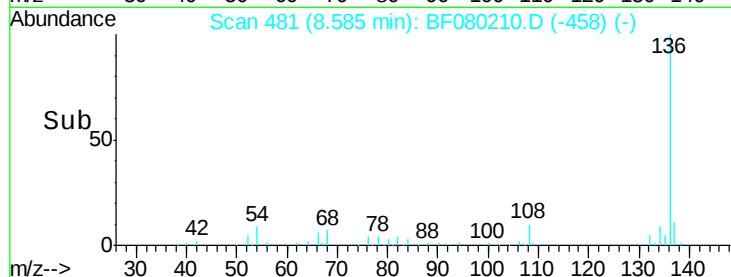
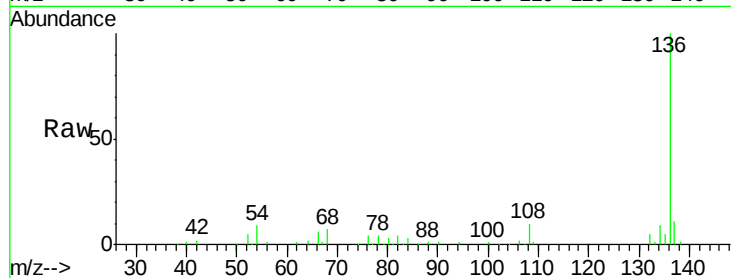




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080210.D
Acq: 29 Jun 2015 17:08

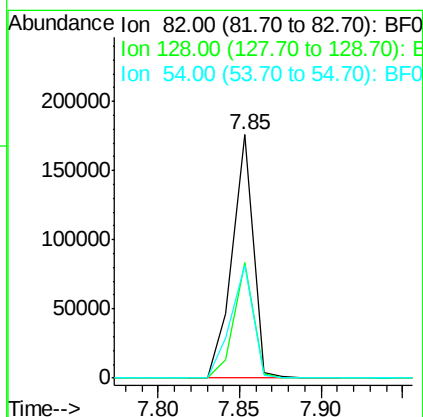
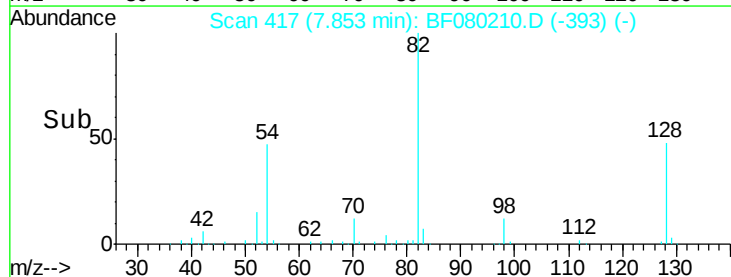
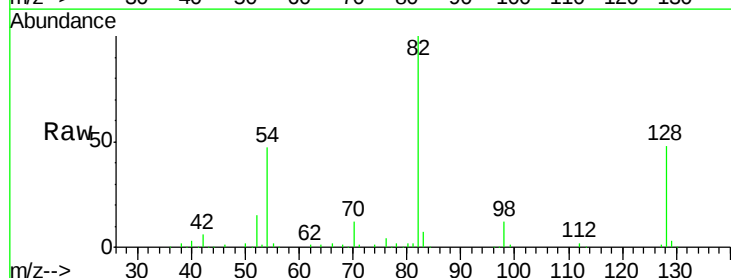
Instrument :
BNA_F
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PB84267TB

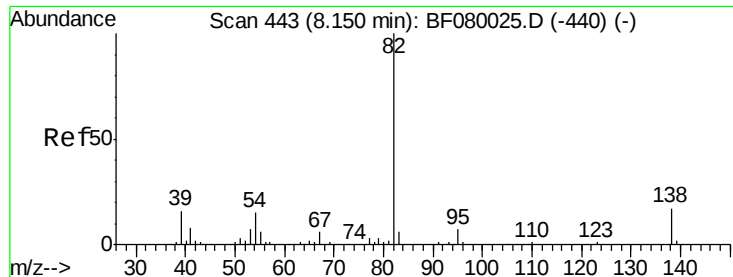
Tgt Ion:	136	Resp:	126555
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.2	8.2	12.2
68	6.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 71.91 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080210.D
Acq: 29 Jun 2015 17:08

Tgt Ion:	82	Resp:	156326
Ion	Ratio	Lower	Upper
82	100		
128	47.5	51.0	76.6#
54	46.5	47.5	71.3#

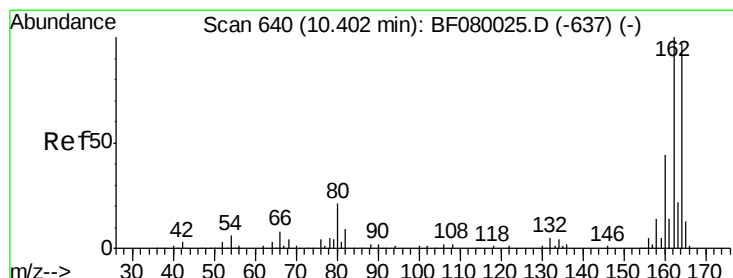
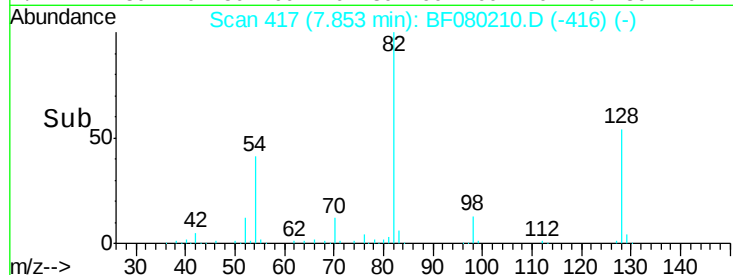
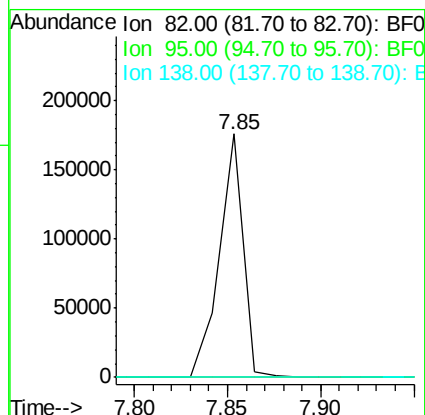
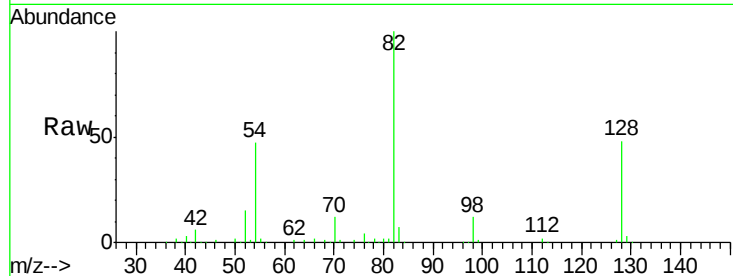




#25
Isophorone
Concen: 35.73 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.29 min
Lab File: BF080210.D
Acq: 29 Jun 2015 17:08

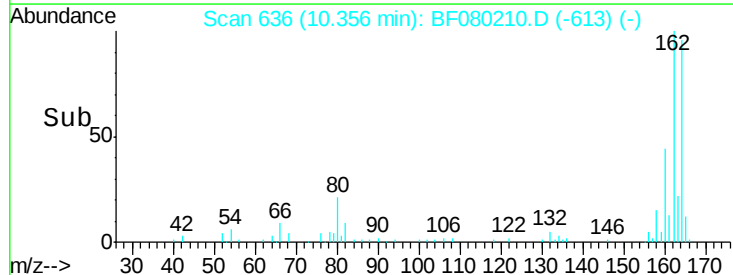
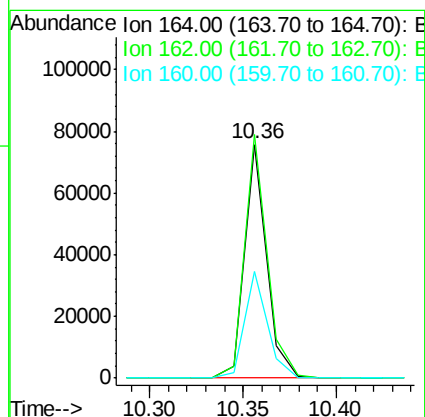
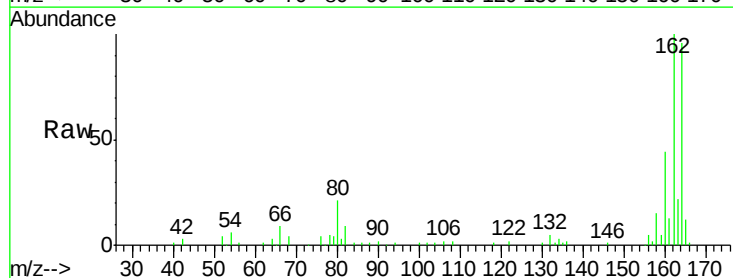
Instrument :
BNA_F
ClientSampleId :
PB84267TB

Tgt Ion: 82 Resp: 156322
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080210.D
Acq: 29 Jun 2015 17:08

Tgt Ion: 164 Resp: 62032
Ion Ratio Lower Upper
164 100
162 104.2 75.2 112.8
160 45.6 31.5 47.3

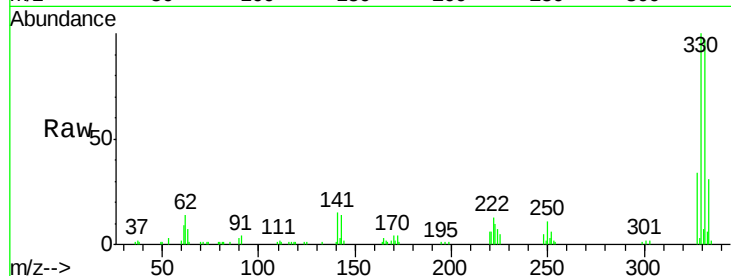




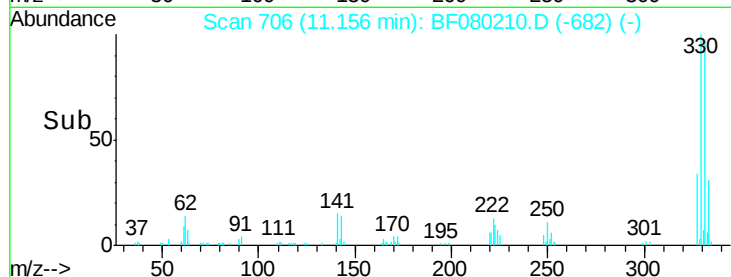
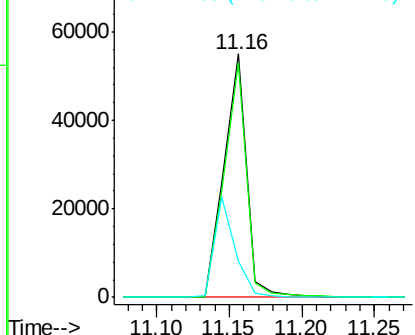
#41
 2,4,6-Tribromophenol
 Concen: 97.84 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84267TB

Tgt Ion:330 Resp: 59347
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 37.4 29.7 44.5

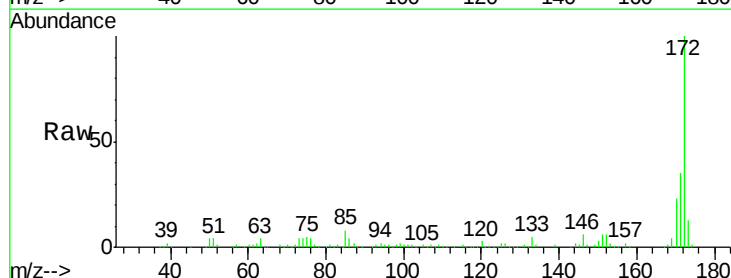


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

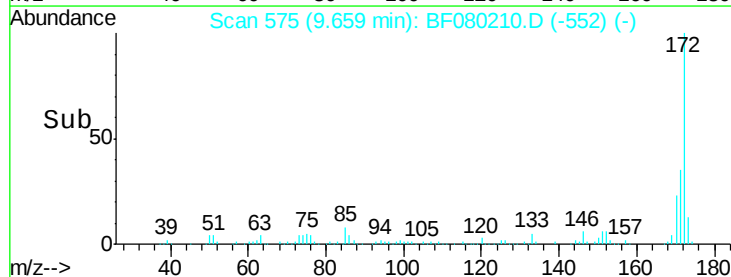
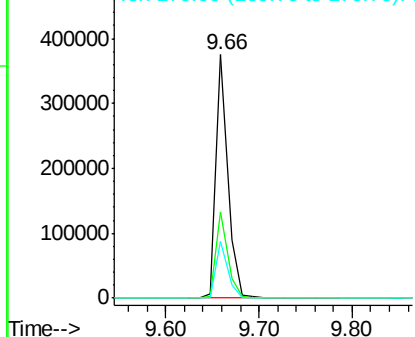


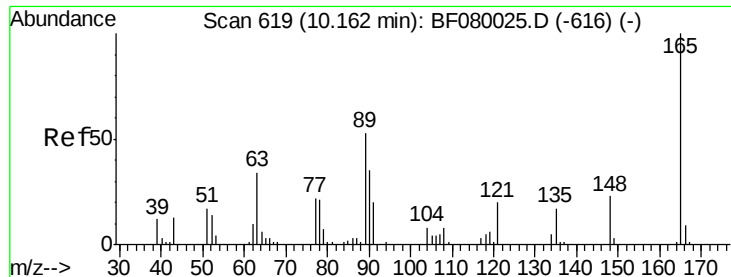
#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

Tgt Ion:172 Resp: 331109
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

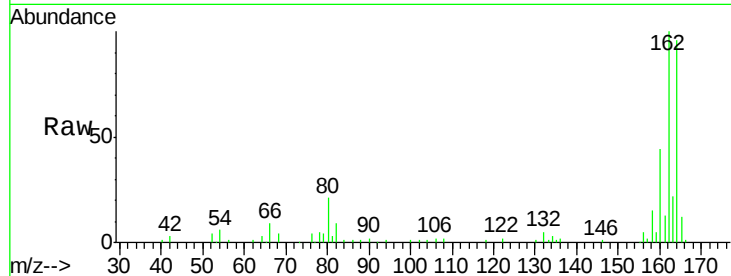




#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84267TB

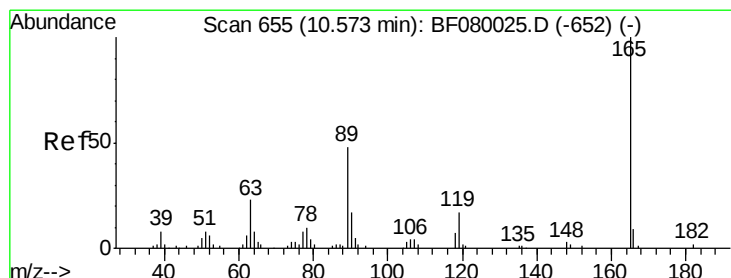
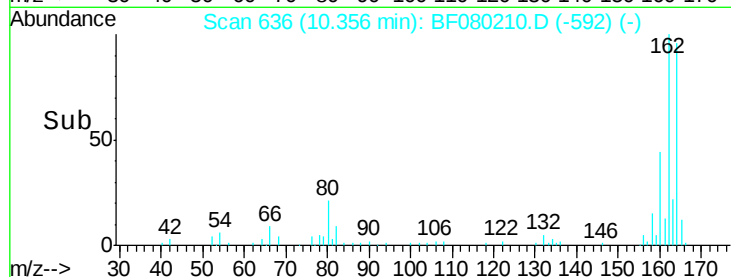
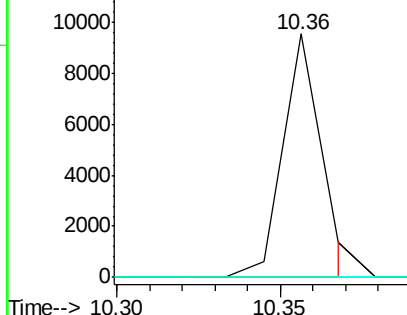
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.66 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

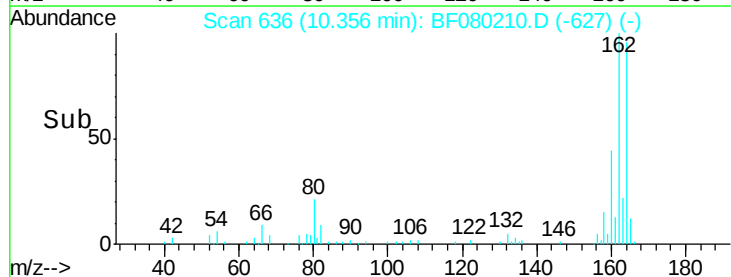
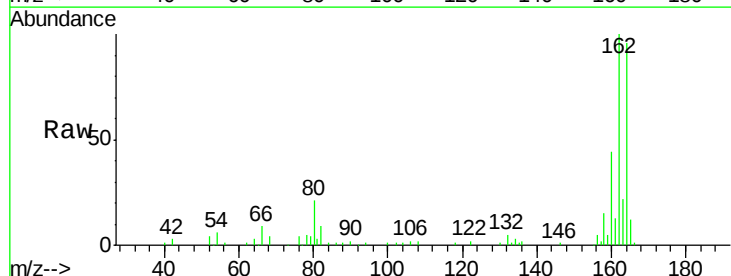
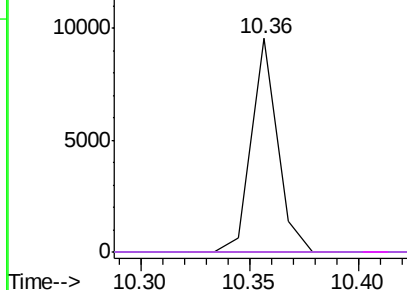
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

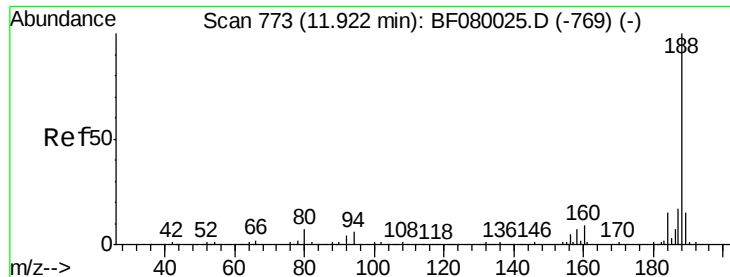
Abundance Ion 165.00 (164.70 to 165.70): E

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

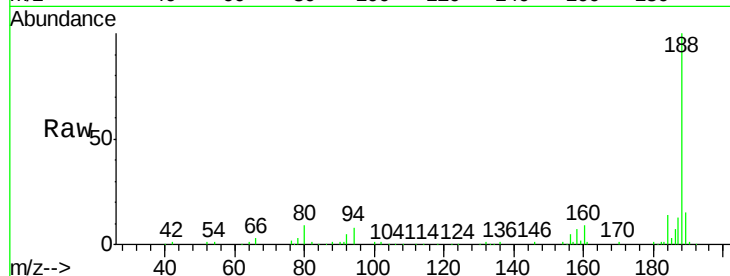




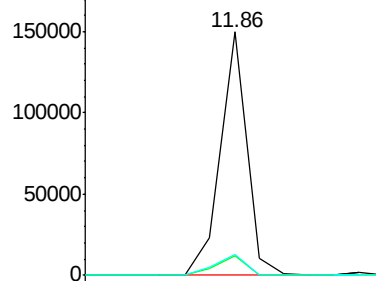
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

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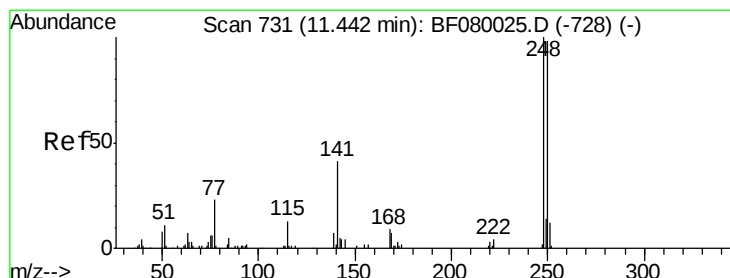
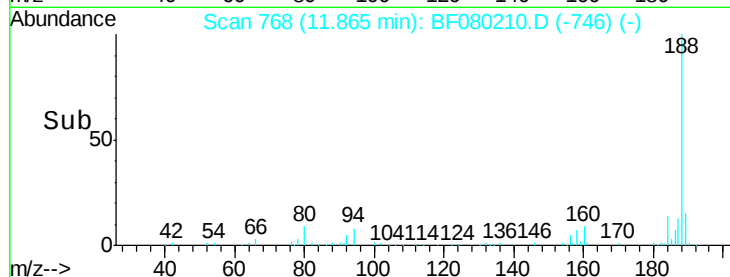
Tgt Ion:188 Resp: 127324
 Ion Ratio Lower Upper
 188 100
 94 7.8 11.1 16.7#
 80 8.6 11.0 16.4#



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

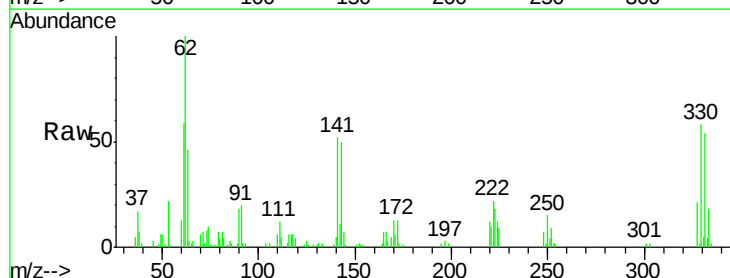


Time--> 11.80 11.85 11.90

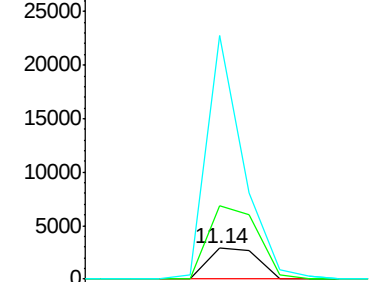


#66
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

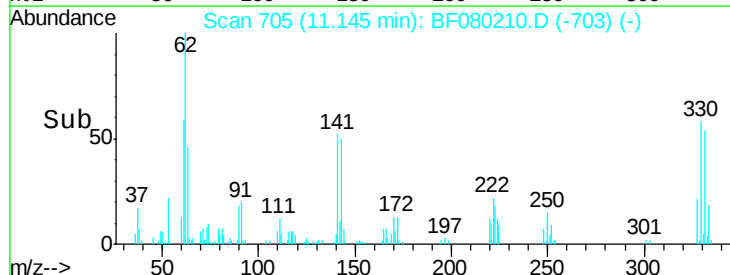
Tgt Ion:248 Resp: 3788
 Ion Ratio Lower Upper
 248 100
 250 234.7 78.5 117.7#
 141 784.6 59.0 88.6#

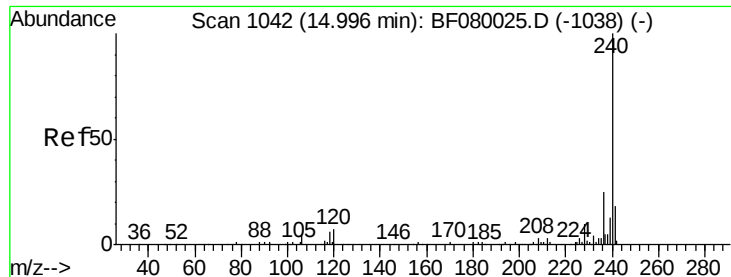


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 11.10 11.15

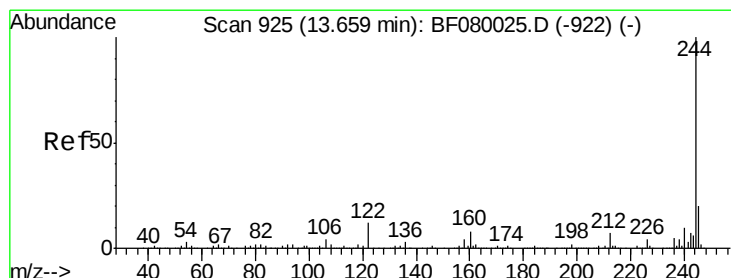
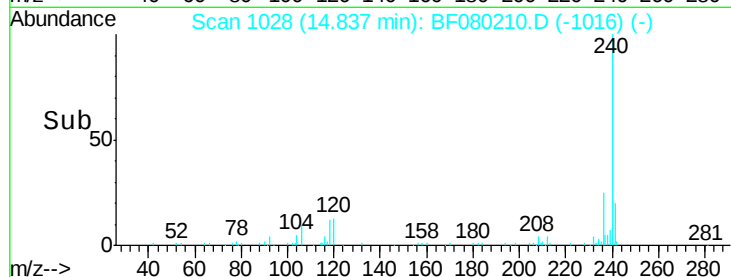
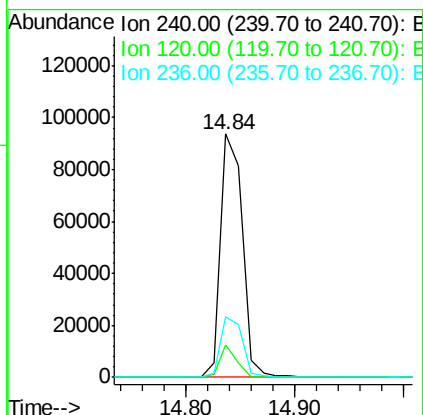
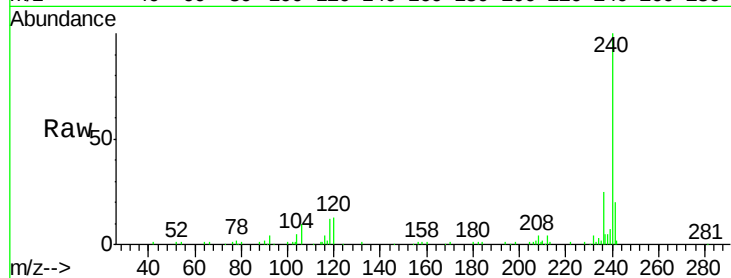




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.16 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

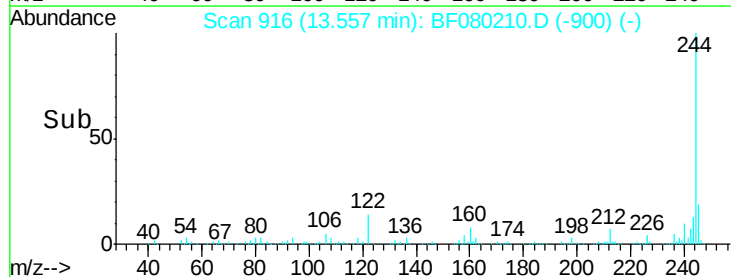
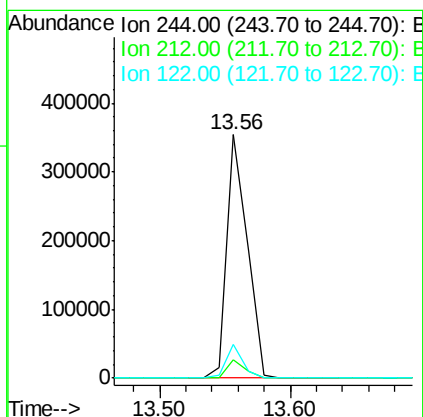
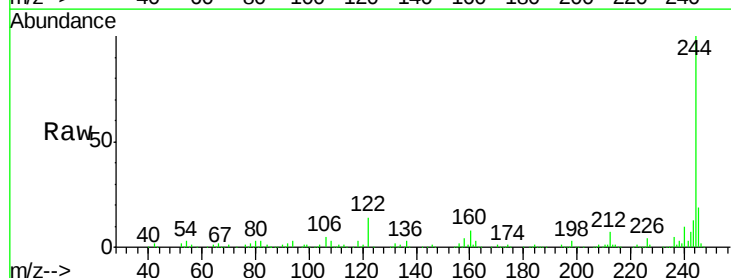
Instrument :
 BNA_F
 ClientSampleId :
 PB84267TB

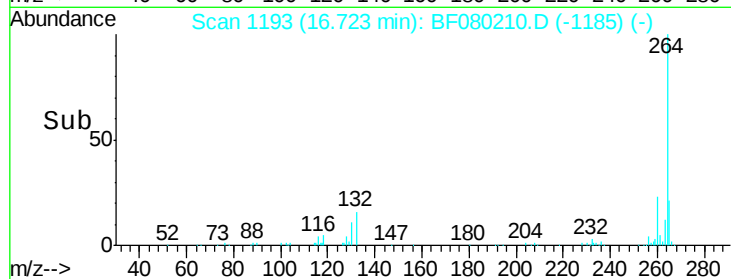
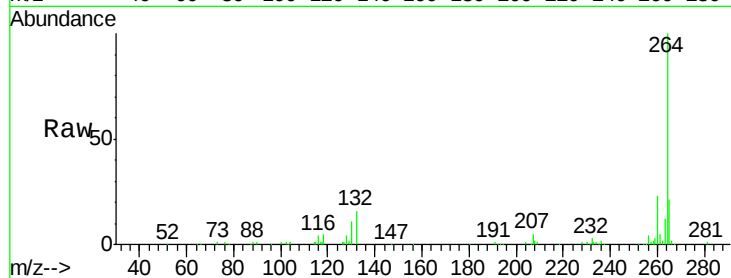
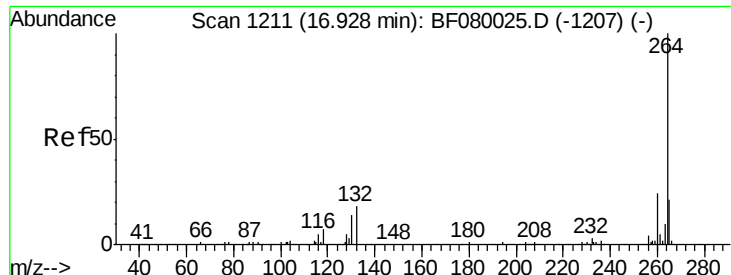
Tgt Ion:240 Resp: 130705
 Ion Ratio Lower Upper
 240 100
 120 13.2 16.2 24.2#
 236 25.0 18.4 27.6



#78
 Terphenyl-d14
 Concen: 68.74 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.11 min
 Lab File: BF080210.D
 Acq: 29 Jun 2015 17:08

Tgt Ion:244 Resp: 384728
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.9 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: BF080210.D

Acq: 29 Jun 2015 17:08

Instrument :

BNA_F

ClientSampleId :

PB84267TB

Tgt Ion:264 Resp: 131007

Ion Ratio Lower Upper

264 100

260 23.0 16.7 25.1

265 20.8 17.2 25.8

