

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080240.D
 Acq On : 30 Jun 2015 17:05
 Operator : TP/IZ
 Sample : PB84281BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84281BL

Quant Time: Jul 01 01:18:16 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

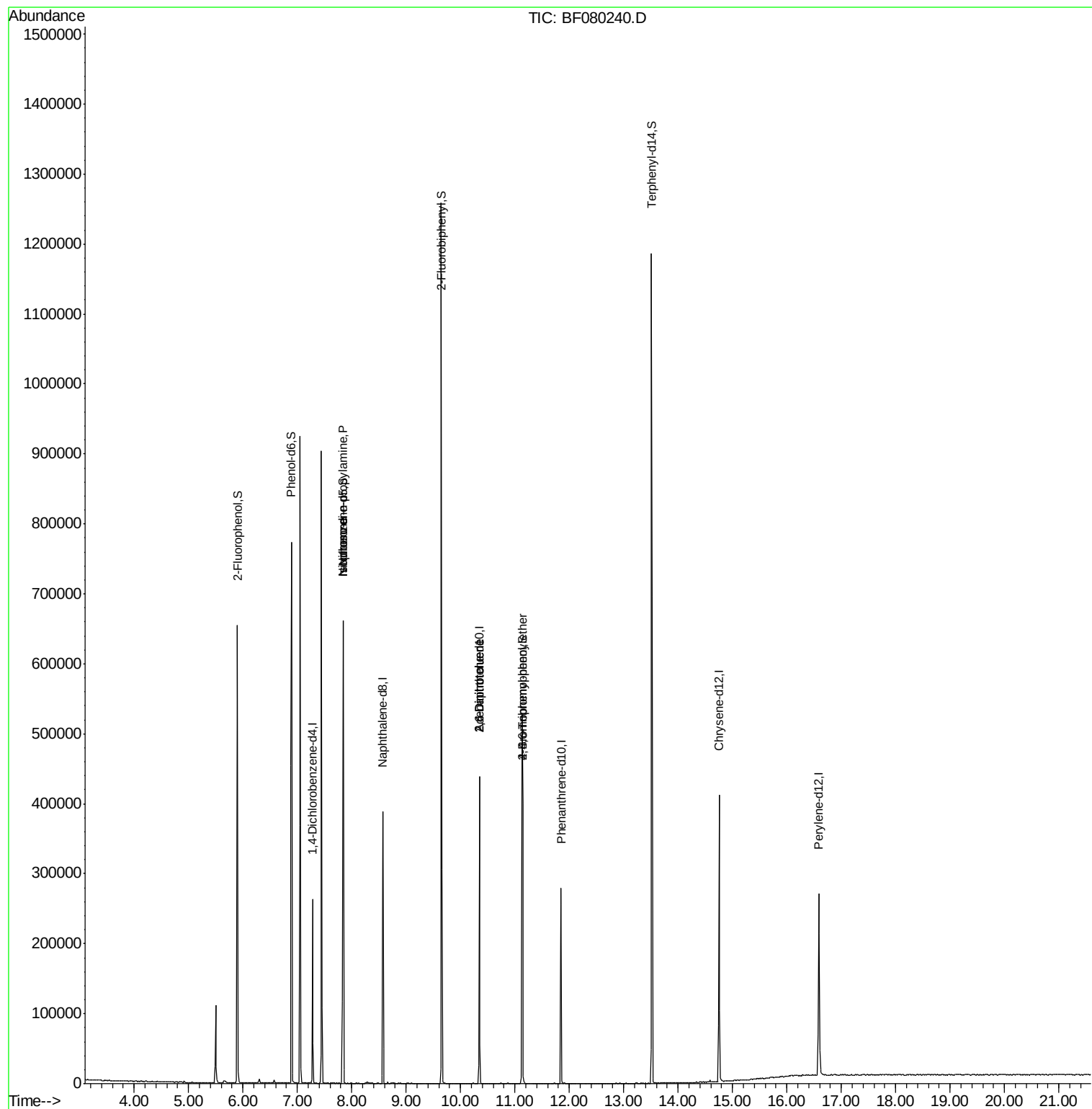
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	37194	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	153535	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	80701	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	153823	20.00	ng	-0.06
75) Chrysene-d12	14.76	240	165239	20.00	ng	-0.24
86) Perylene-d12	16.59	264	158950	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	248038	118.05	ng	-0.03
7) Phenol-d6	6.89	99	324798	116.16	ng	-0.03
23) Nitrobenzene-d5	7.84	82	191154	72.48	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	78708	99.74	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	384542	67.95	ng	-0.05
78) Terphenyl-d14	13.51	244	475762	67.24	ng	-0.16
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	24399	12.57	ng	# 58
25) Isophorone	7.84	82	191149	36.01	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9902	8.14	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9900	6.41	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	5517	3.37	ng	# 1

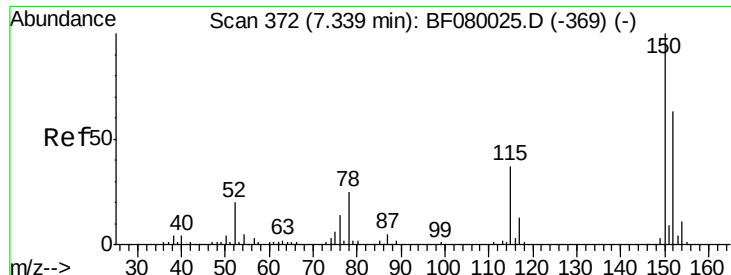
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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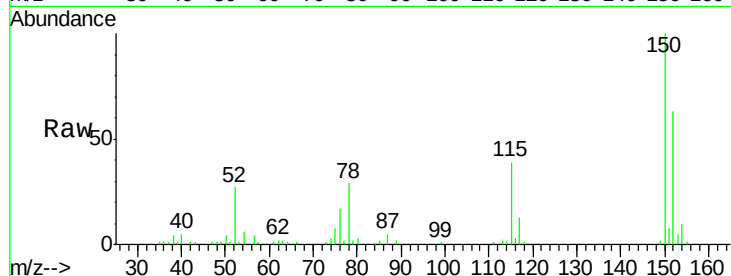


#1

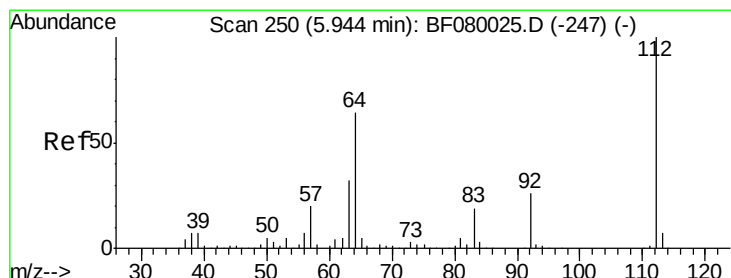
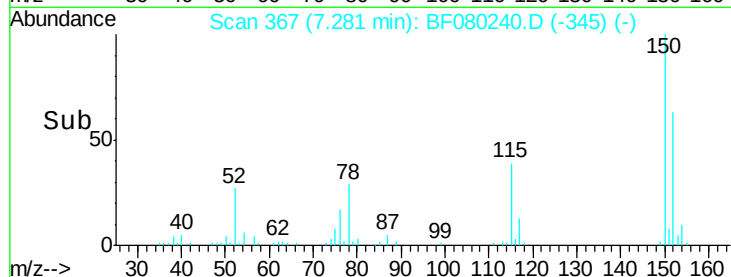
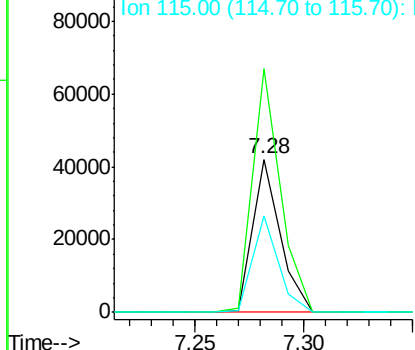
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080240.D
Acq: 30 Jun 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB84281BL

Tgt Ion:152 Resp: 37194
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 62.5 39.0 58.4#



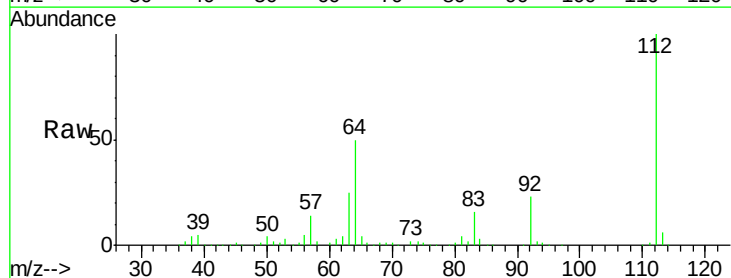
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



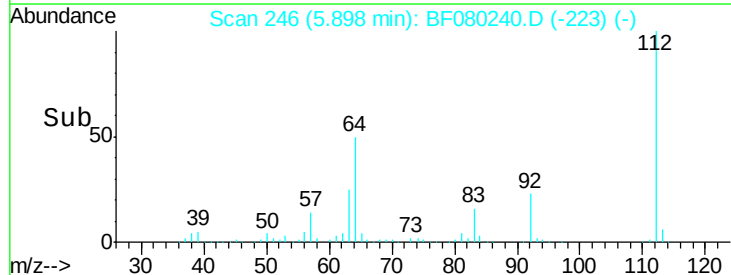
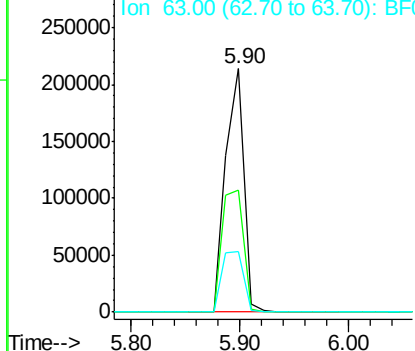
#5

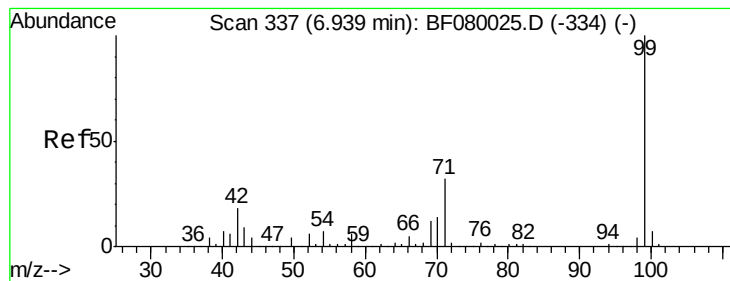
2-Fluorophenol
Concen: 118.05 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080240.D
Acq: 30 Jun 2015 17:05

Tgt Ion:112 Resp: 248038
Ion Ratio Lower Upper
112 100
64 50.2 39.7 59.5
63 25.1 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: 116.16 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB84281BL

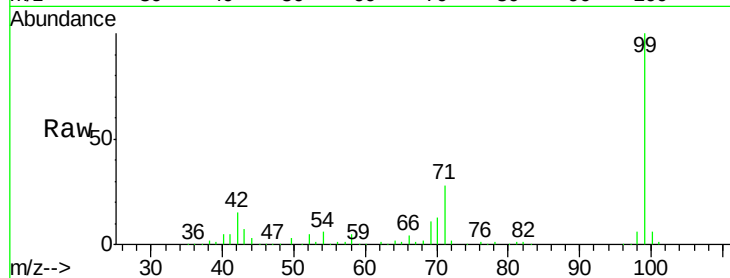
Tgt Ion: 99 Resp: 324798

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

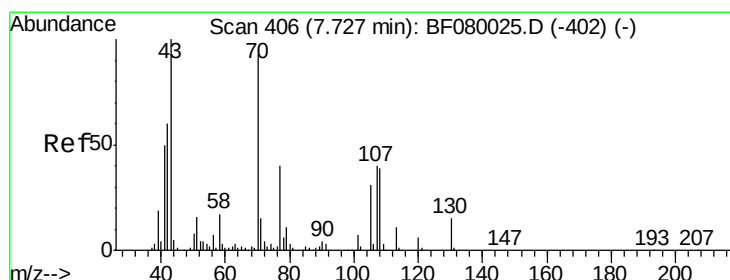
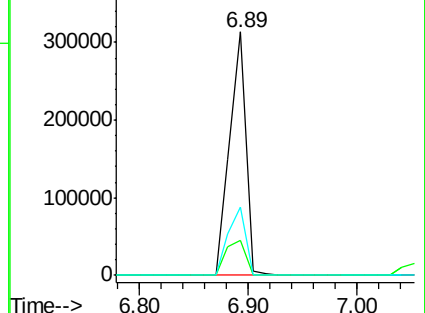
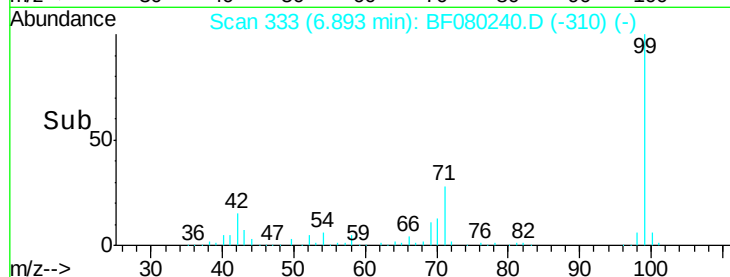
71 27.9 14.2 21.2#



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: 12.57 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

Tgt Ion: 70 Resp: 24399

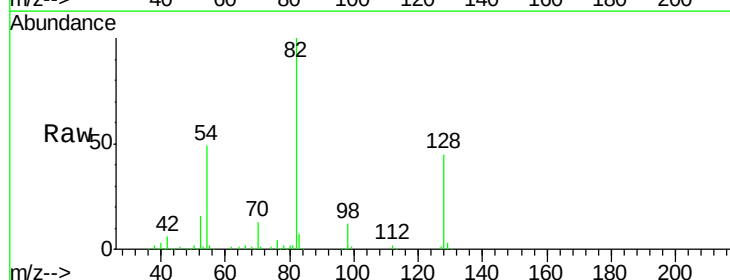
Ion Ratio Lower Upper

70 100

42 46.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

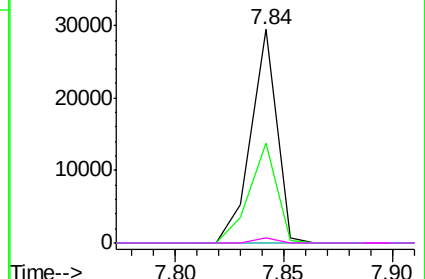
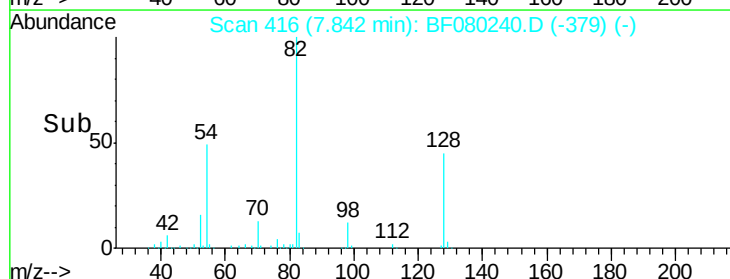


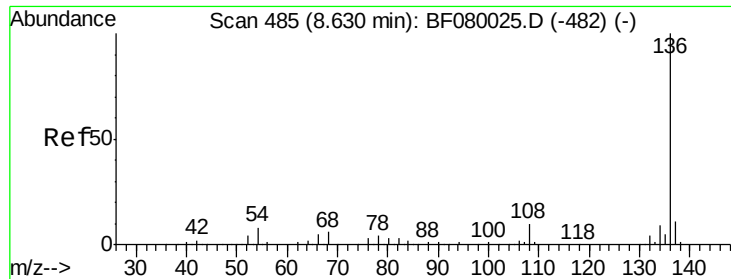
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

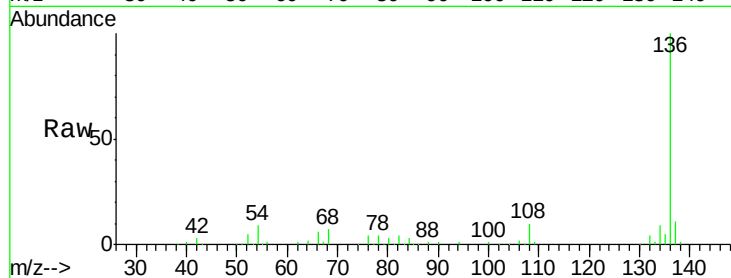




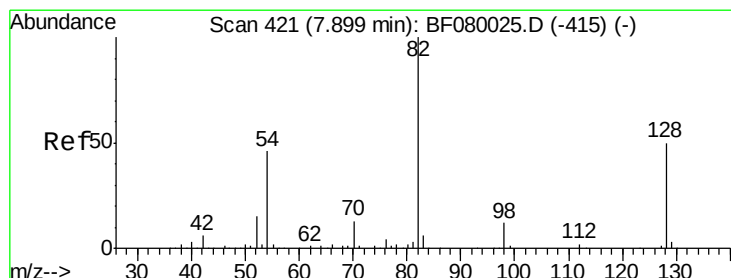
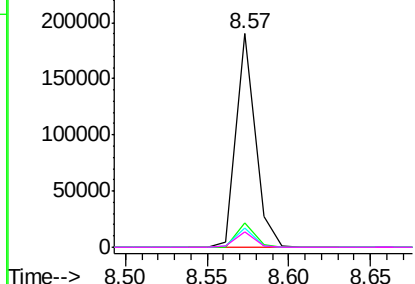
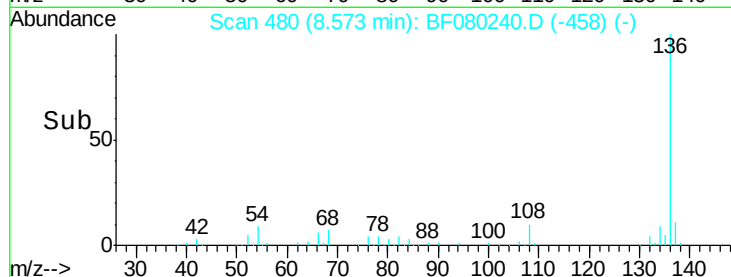
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080240.D
Acq: 30 Jun 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB84281BL

Tgt Ion:	136	Resp:	153535
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	8.2	12.2
68	7.0	5.8	8.6

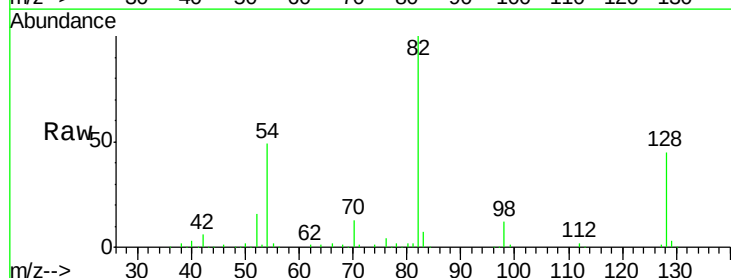


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

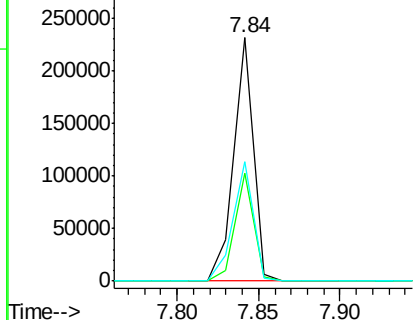
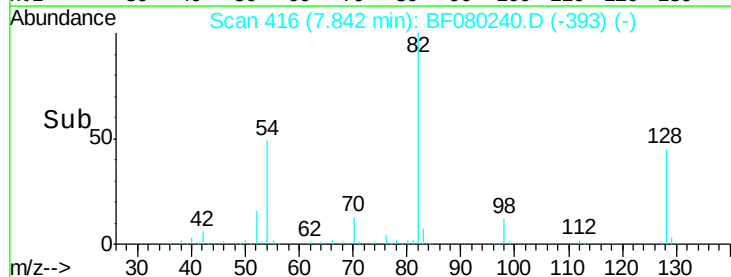


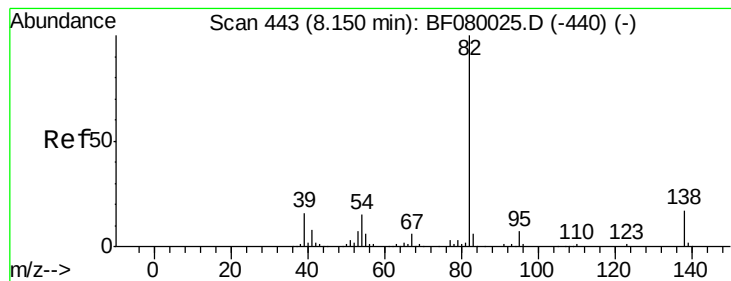
#23
Nitrobenzene-d5
Concen: 72.48 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080240.D
Acq: 30 Jun 2015 17:05

Tgt Ion:	82	Resp:	191154
Ion	Ratio	Lower	Upper
82	100		
128	44.6	51.0	76.6#
54	49.1	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: 36.01 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB84281BL

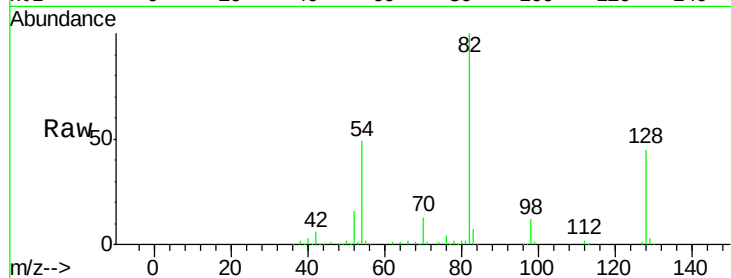
Tgt Ion: 82 Resp: 191149

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

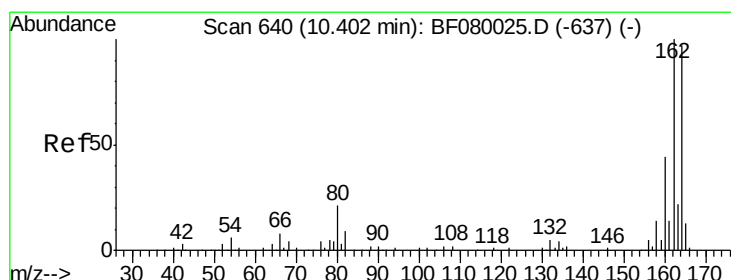
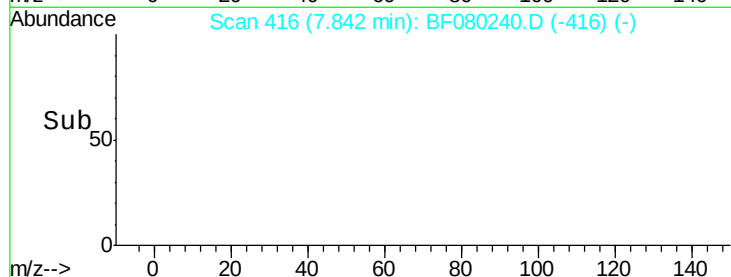


Abundance Ion 82.00 (81.70 to 82.70): BF080240.D (-416) (-)

Ion 95.00 (94.70 to 95.70): BF080240.D (-416) (-)

Ion 138.00 (137.70 to 138.70): BF080240.D (-416) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

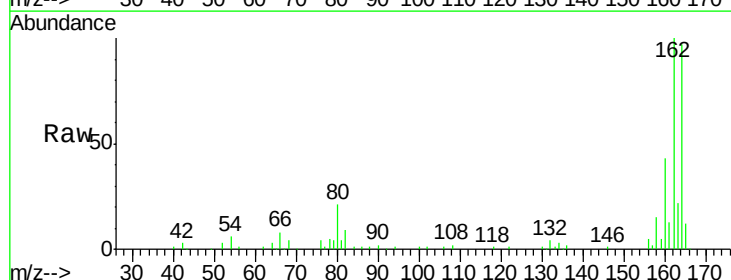
Tgt Ion: 164 Resp: 80701

Ion Ratio Lower Upper

164 100

162 103.0 75.2 112.8

160 44.8 31.5 47.3

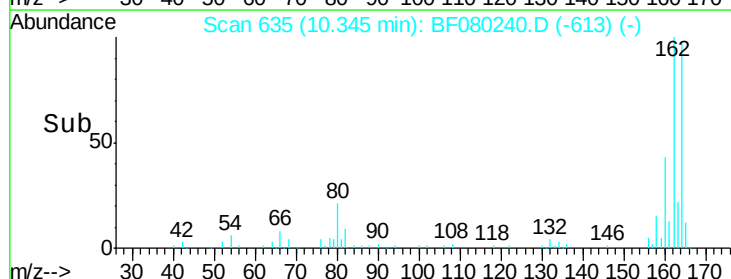


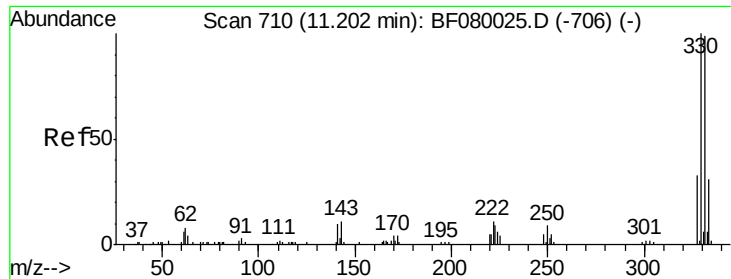
Abundance Ion 164.00 (163.70 to 164.70): BF080240.D (-635) (-)

Ion 162.00 (161.70 to 162.70): BF080240.D (-635) (-)

Ion 160.00 (159.70 to 160.70): BF080240.D (-635) (-)

Time-->

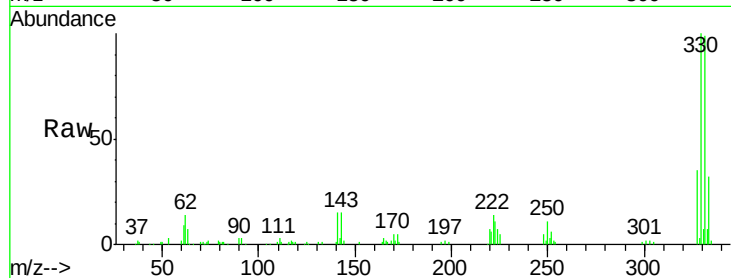




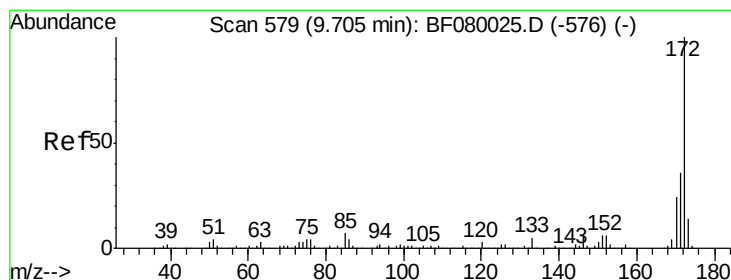
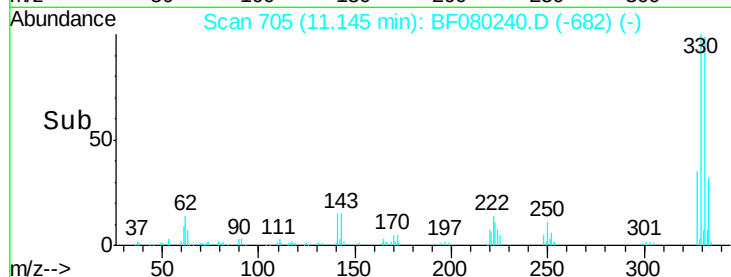
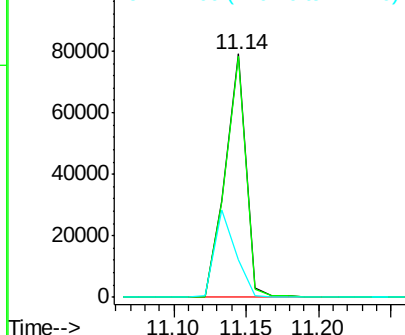
#41
 2,4,6-Tribromophenol
 Concen: 99.74 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84281BL

Tgt Ion:330 Resp: 78708
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 36.3 29.7 44.5

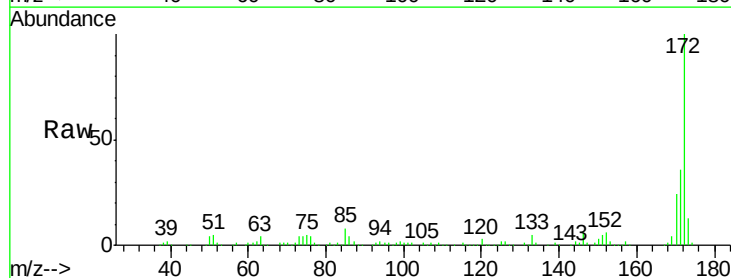


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

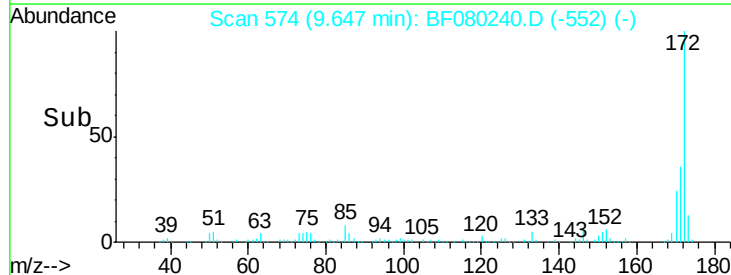
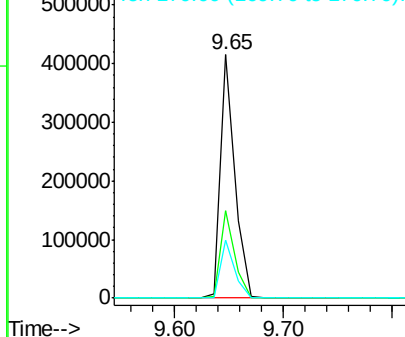


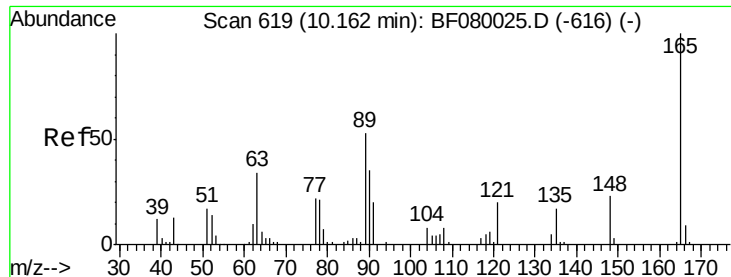
#44
 2-Fluorobiphenyl
 Concen: 67.95 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

Tgt Ion:172 Resp: 384542
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

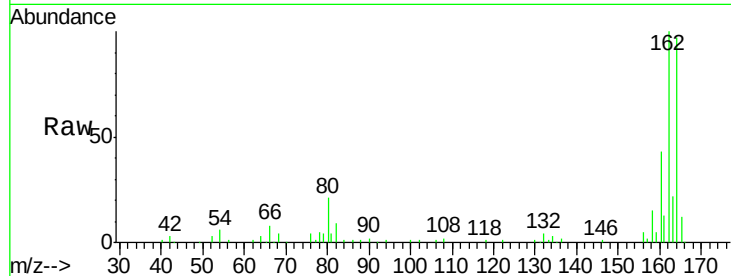




#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84281BL

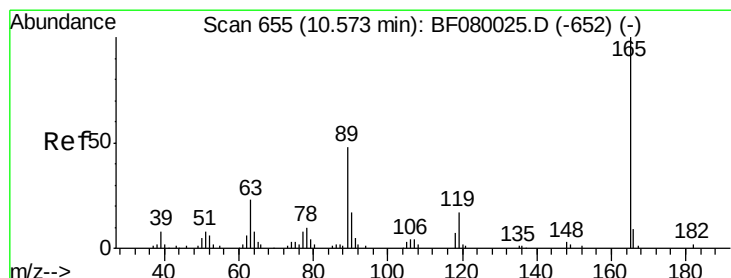
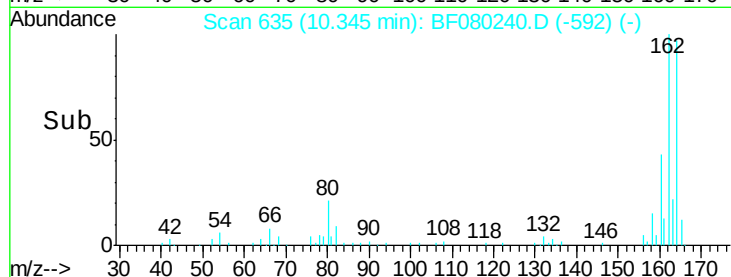
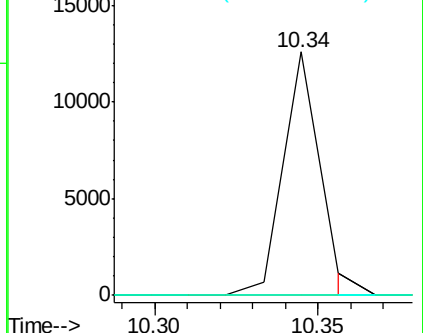
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.41 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

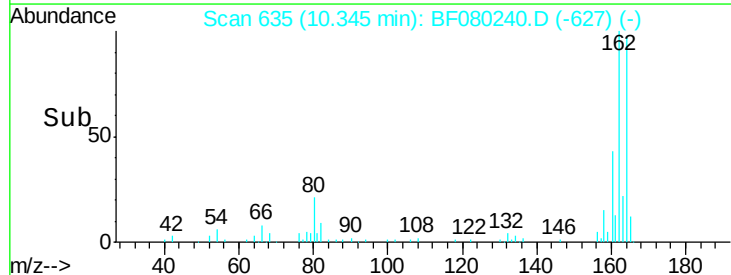
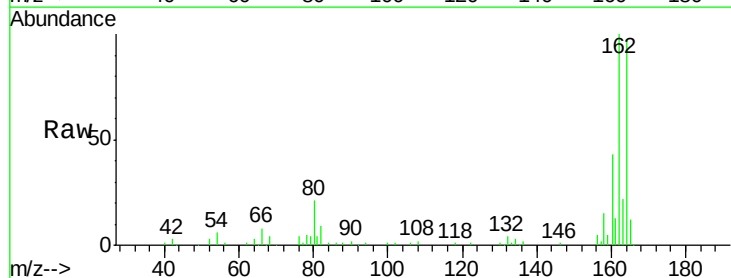
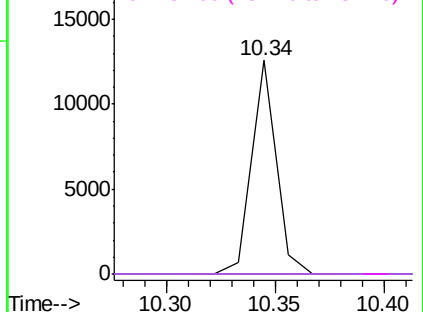
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

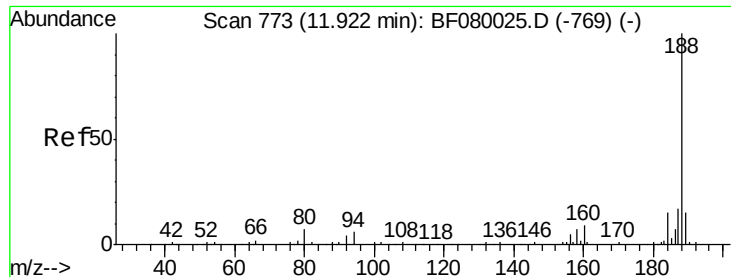
Abundance Ion 165.00 (164.70 to 165.70): E

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

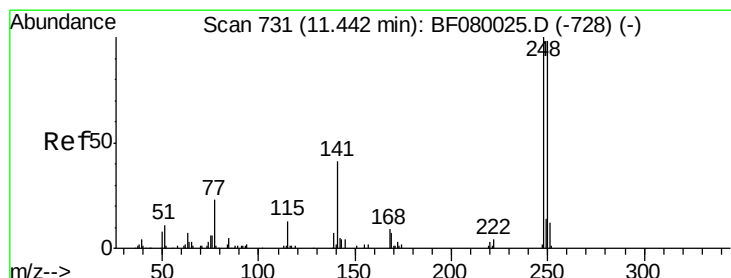
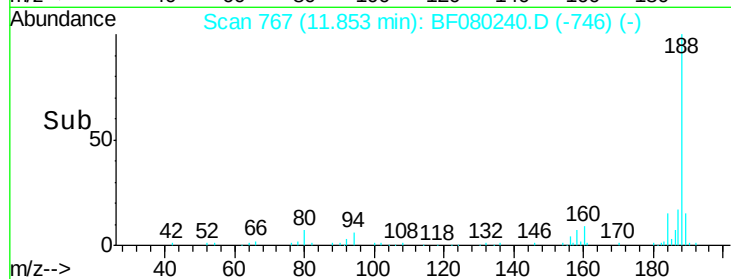
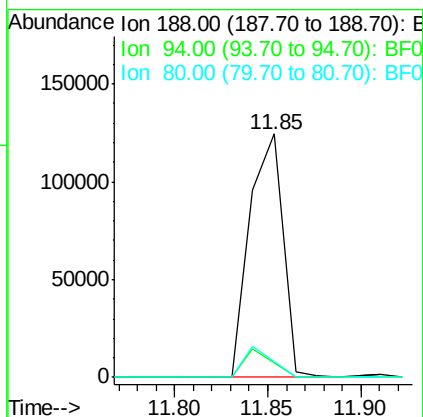
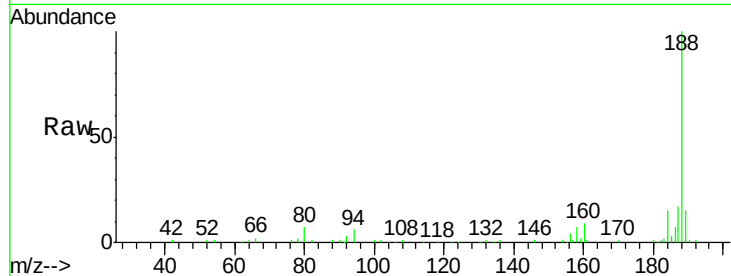




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

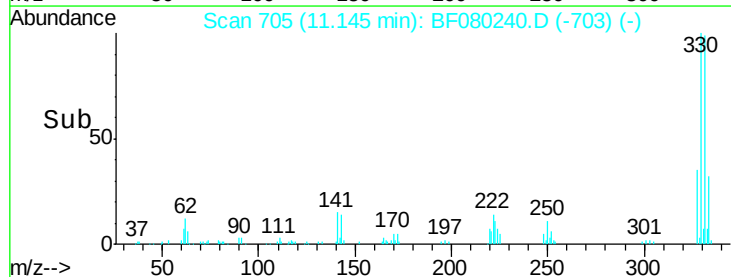
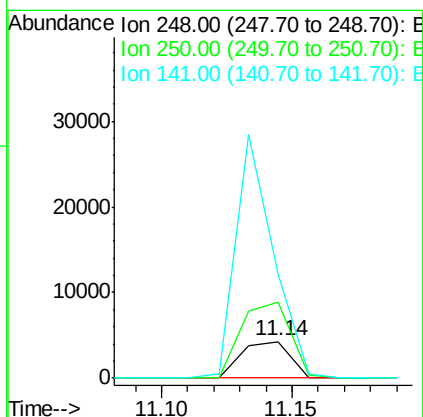
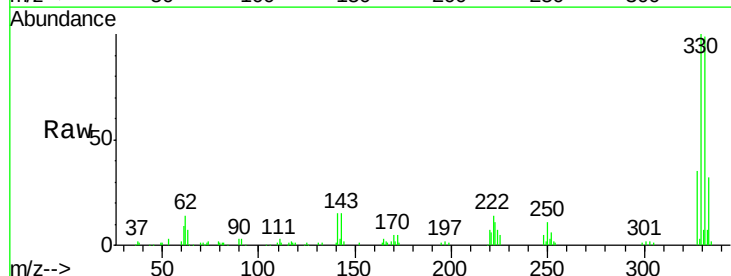
Instrument :
 BNA_F
 ClientSampleId :
 PB84281BL

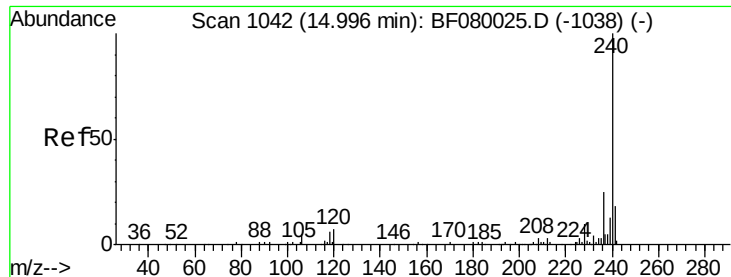
Tgt Ion:188 Resp: 153823
 Ion Ratio Lower Upper
 188 100
 94 6.0 11.1 16.7#
 80 6.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.37 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080240.D
 Acq: 30 Jun 2015 17:05

Tgt Ion:248 Resp: 5517
 Ion Ratio Lower Upper
 248 100
 250 207.4 78.5 117.7#
 141 283.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1021

Delta R.T. -0.24 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

Instrument :

BNA_F

ClientSampleId :

PB84281BL

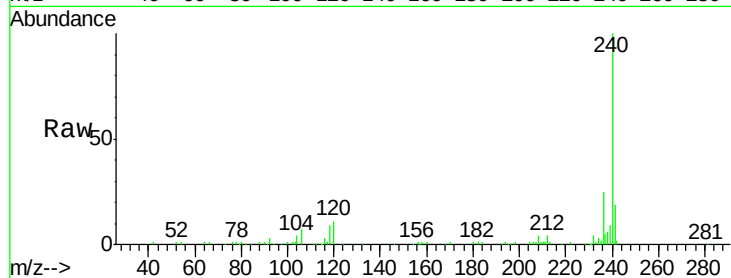
Tgt Ion:240 Resp: 165239

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

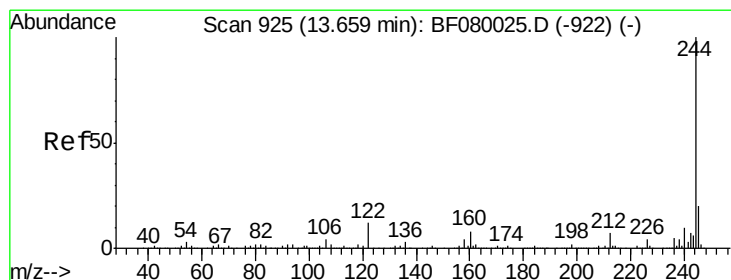
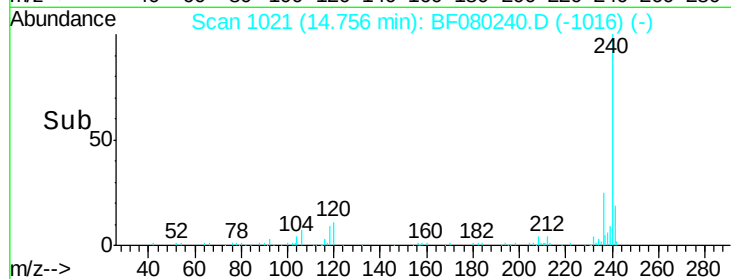
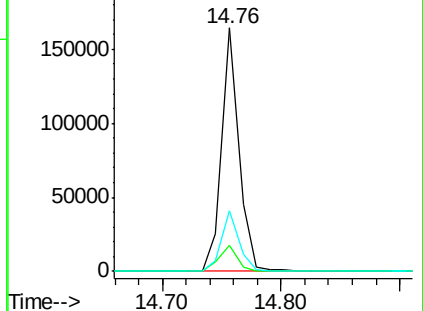
236 25.1 18.4 27.6



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: 67.24 ng

RT: 13.51 min Scan# 912

Delta R.T. -0.16 min

Lab File: BF080240.D

Acq: 30 Jun 2015 17:05

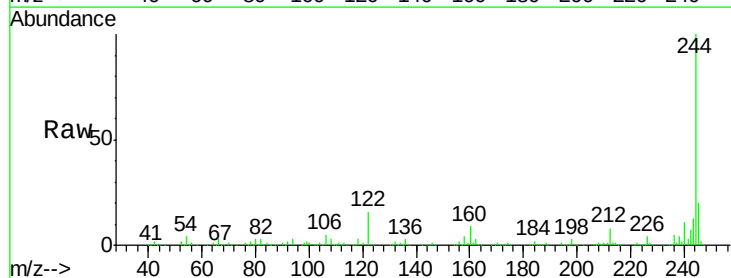
Tgt Ion:244 Resp: 475762

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

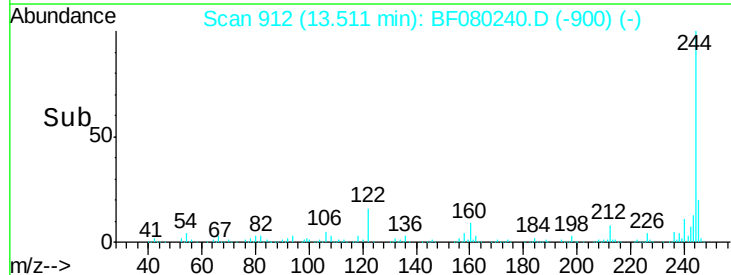
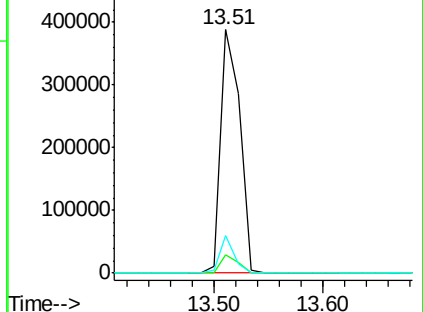
122 15.5 17.4 26.2#

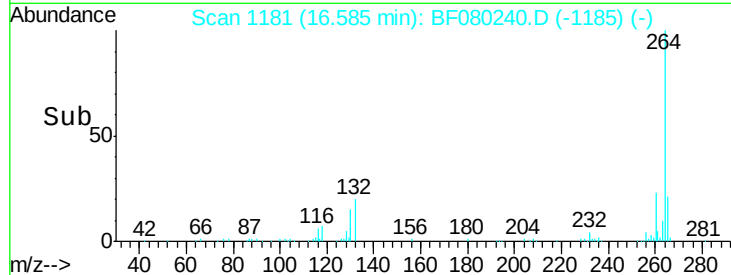
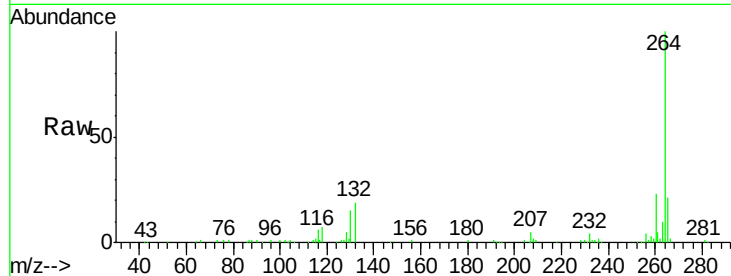
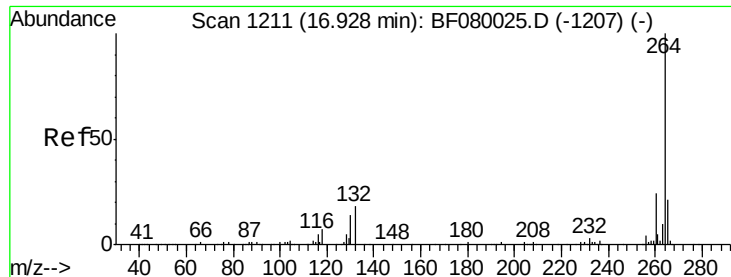


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.59 min Scan# 1181
Delta R.T. -0.34 min
Lab File: BF080240.D
Acq: 30 Jun 2015 17:05

Instrument :
BNA_F
ClientSampleId :
PB84281BL

Tgt Ion:	264	Resp:	158950
Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	21.1	17.2	25.8

