

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082725.D
 Acq On : 5 Nov 2015 13:11
 Operator : UM/IZ
 Sample : G4241-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(18-20)

Quant Time: Nov 06 01:11:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

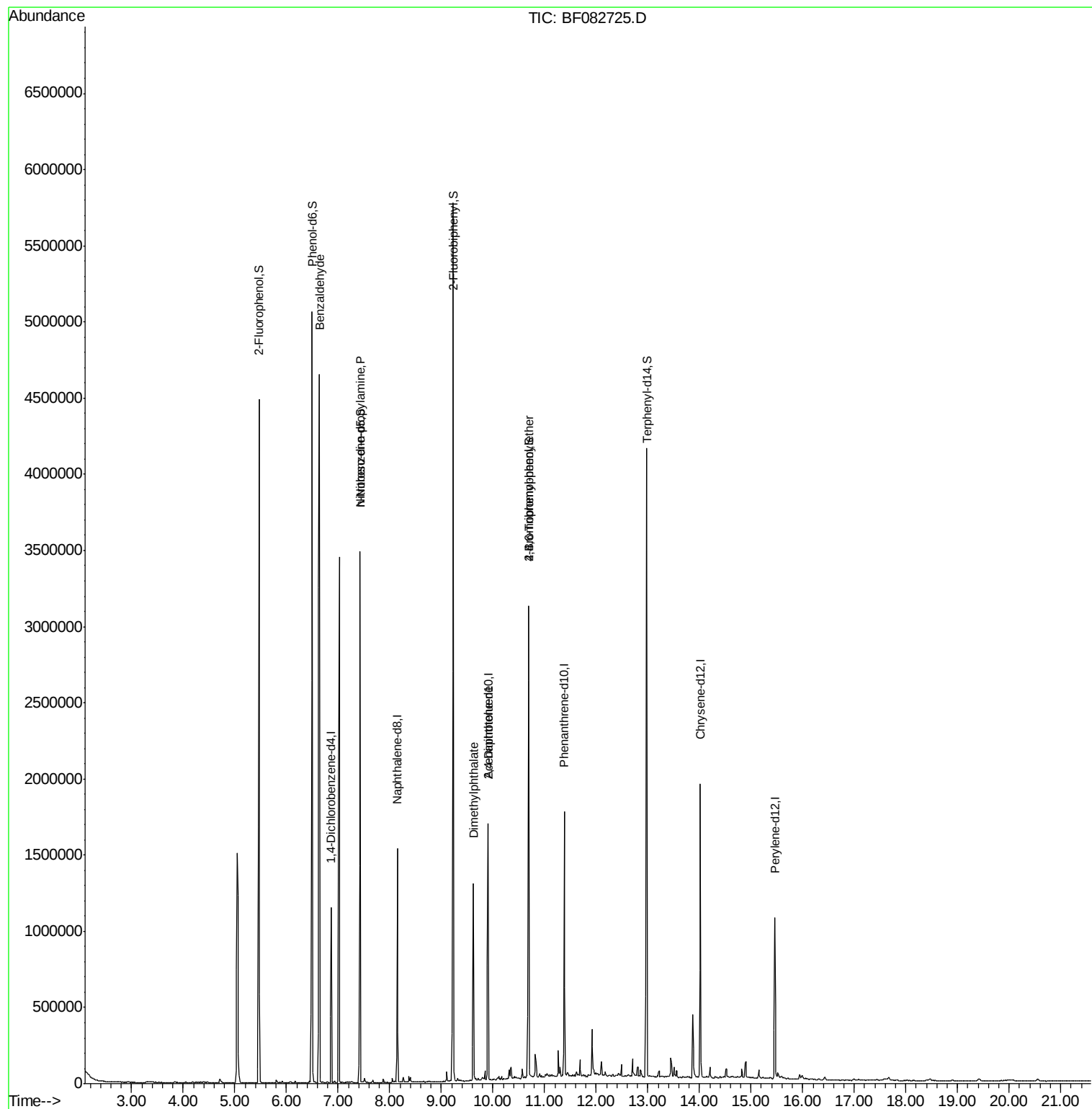
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	177350	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	649584	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	370974	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	662261	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	687063	20.00	ng	-0.03
86) Perylene-d12	15.46	264	516750	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1223145	103.88	ng	0.00
7) Phenol-d6	6.50	99	1866159	119.29	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1228224	77.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	538093	132.54	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1957818	74.93	ng	-0.02
78) Terphenyl-d14	12.98	244	1958771	62.39	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	42173	3.95	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.42	70	173985	14.67	ng	# 69
49) Dimethylphthalate	9.62	163	471101	15.55	ng	98
56) 2,4-Dinitrotoluene	9.90	165	49123	5.78	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	36685	4.89	ng	# 1

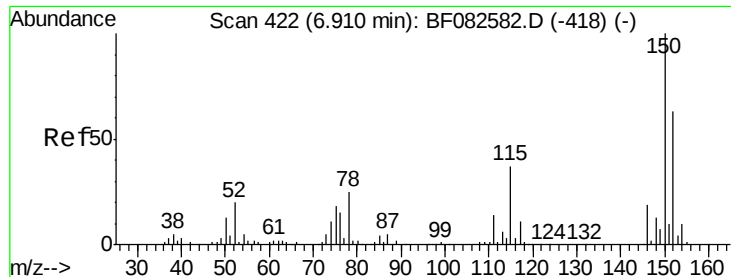
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

Instrument :

BNA_F

ClientSampleId :

SB-12(18-20)

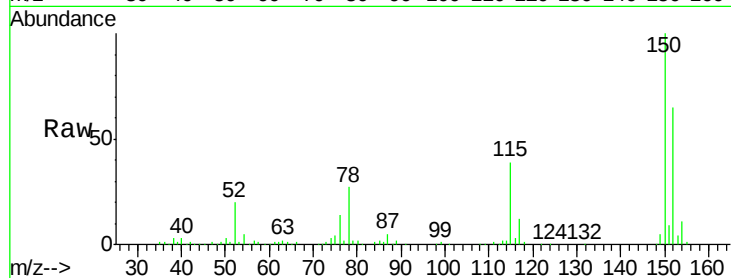
Tgt Ion:152 Resp: 177350

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

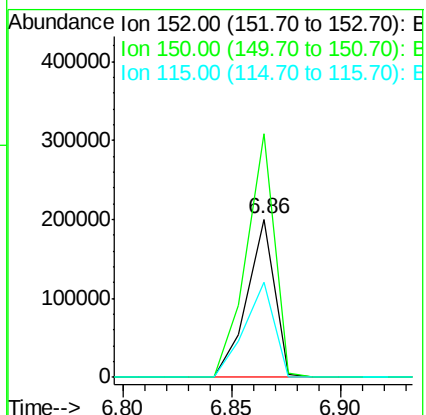
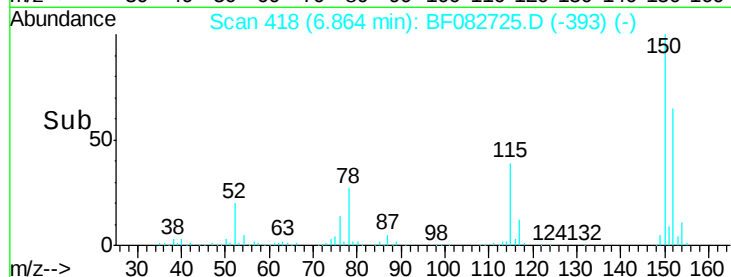
115 60.3 47.0 70.6



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: 103.88 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

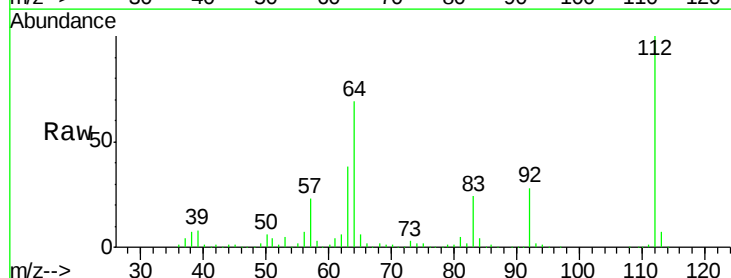
Tgt Ion:112 Resp: 1223145

Ion Ratio Lower Upper

112 100

64 69.1 48.9 73.3

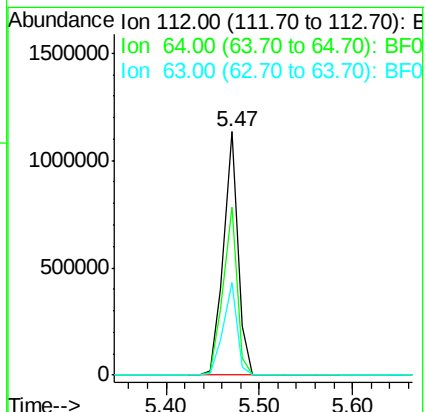
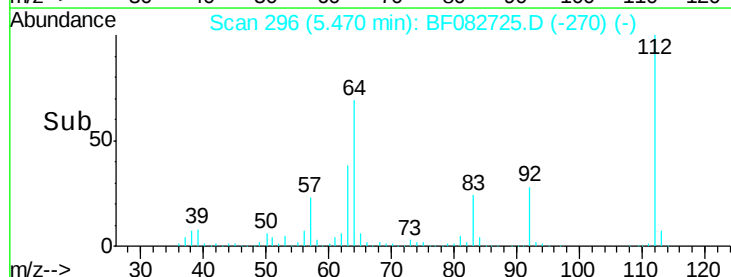
63 37.9 28.1 42.1



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: 119.29 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

Instrument :

BNA_F

ClientSampleId :

SB-12(18-20)

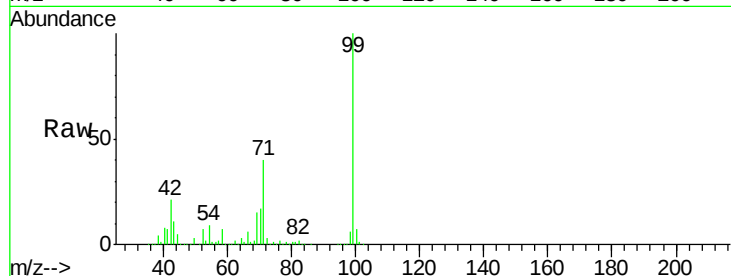
Tgt Ion: 99 Resp: 1866159

Ion Ratio Lower Upper

99 100

42 20.7 19.2 28.8

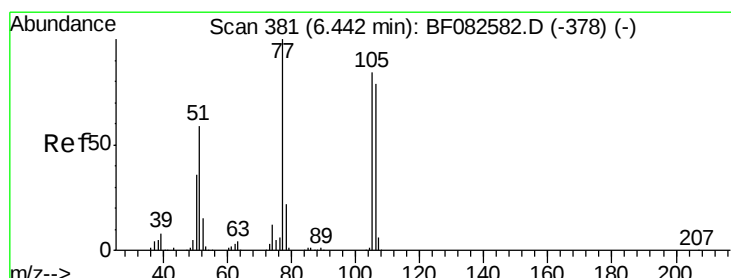
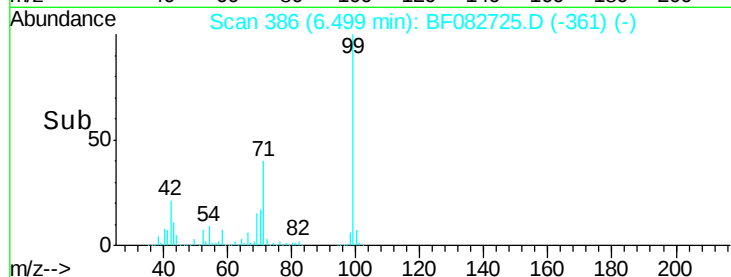
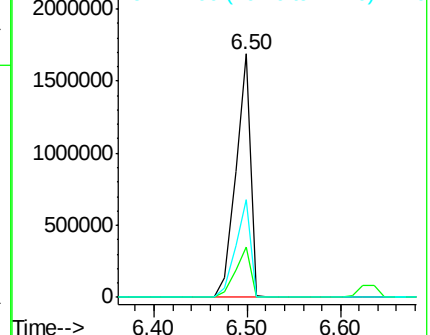
71 40.3 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.95 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

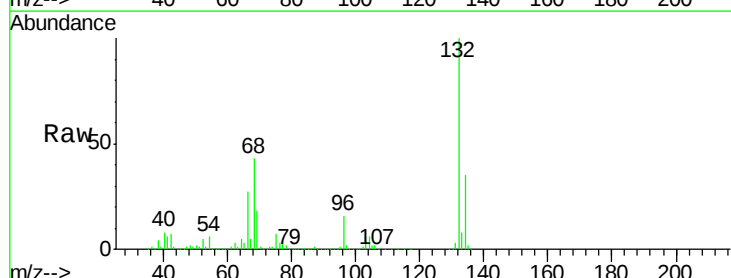
Tgt Ion: 77 Resp: 42173

Ion Ratio Lower Upper

77 100

105 78.4 63.5 103.5

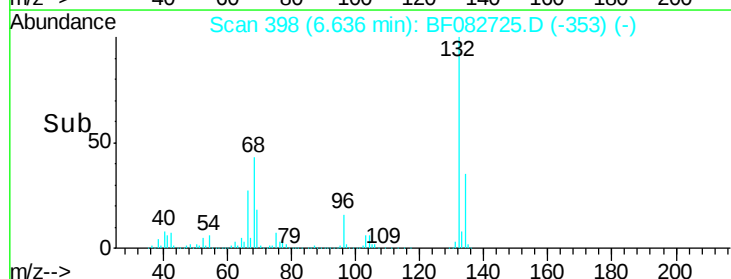
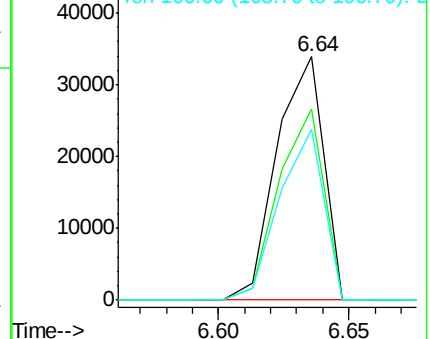
106 69.9 59.3 99.3

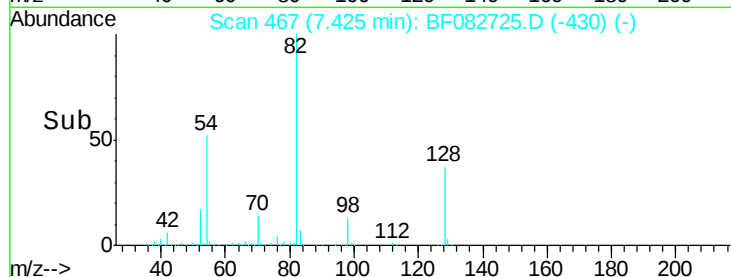
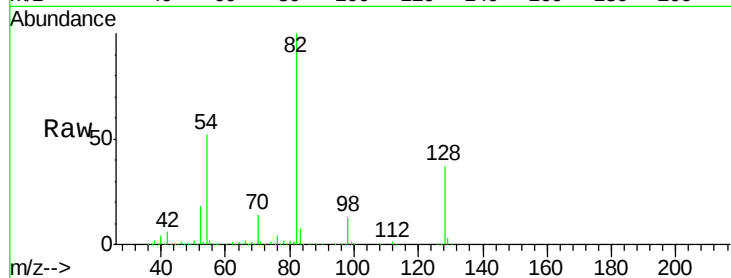
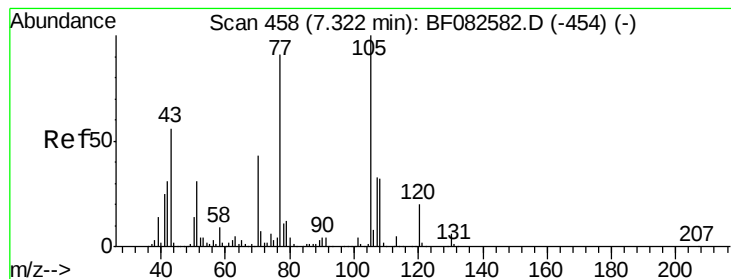


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.67 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

Instrument :

BNA_F

ClientSampleId :

SB-12(18-20)

Tgt Ion: 70 Resp: 173985

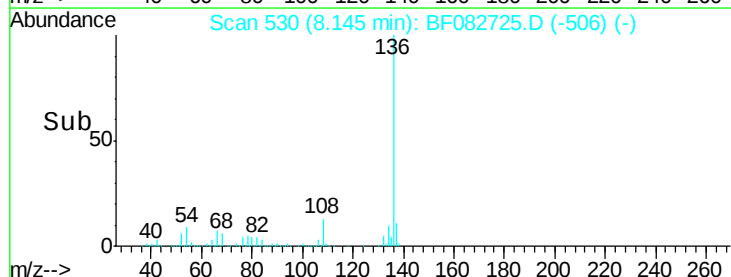
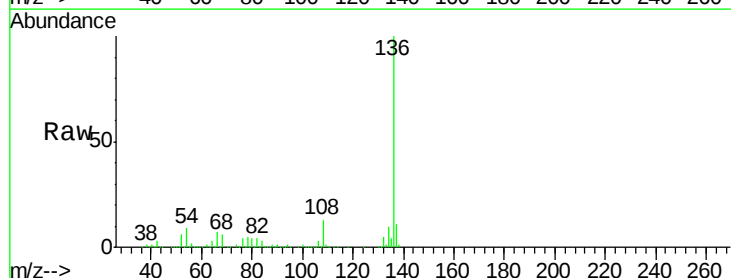
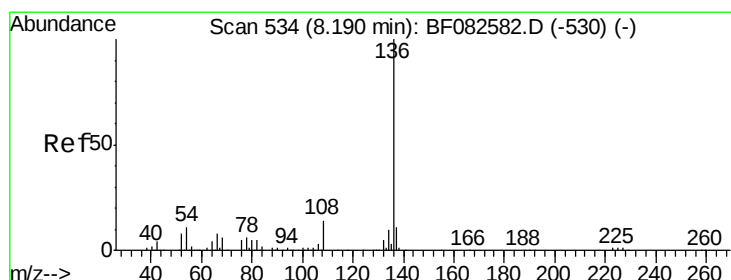
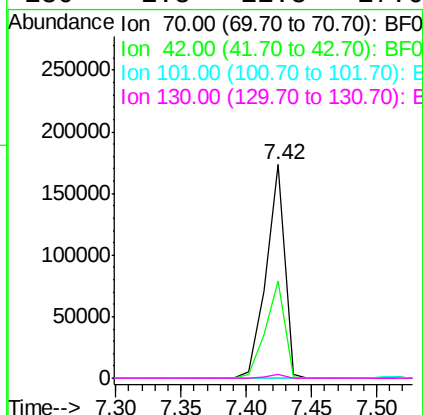
Ion Ratio Lower Upper

70 100

42 45.6 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

Tgt Ion: 136 Resp: 649584

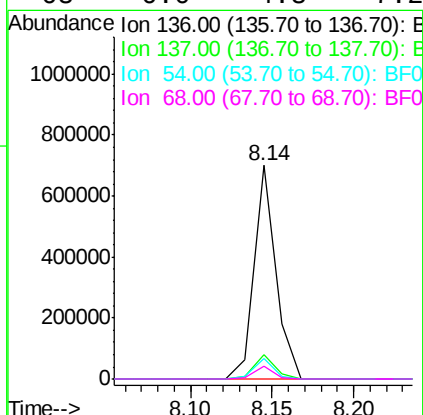
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.4 9.1 13.7

68 6.0 4.8 7.2

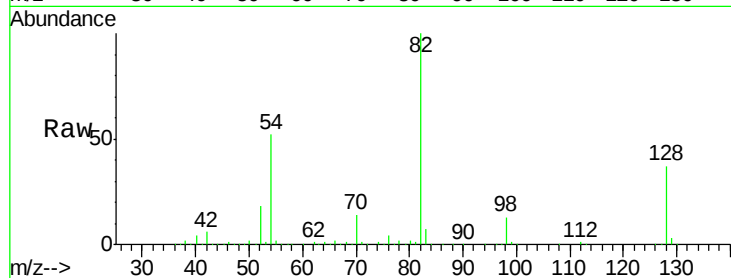




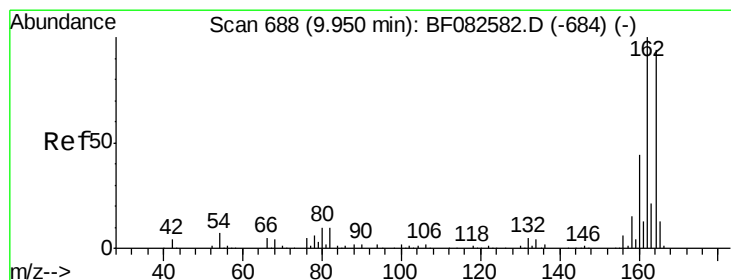
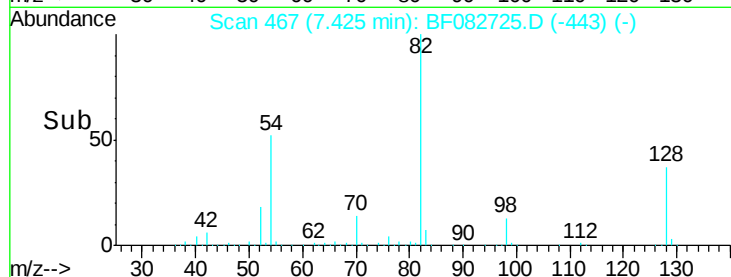
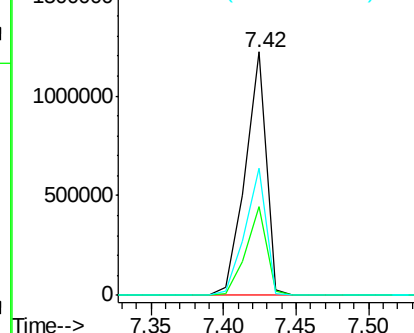
#23
 Nitrobenzene-d5
 Concen: 77.21 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082725.D
 Acq: 5 Nov 2015 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(18-20)

Tgt Ion: 82 Resp: 1228224
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.8 40.2
 54 52.3 45.7 68.5

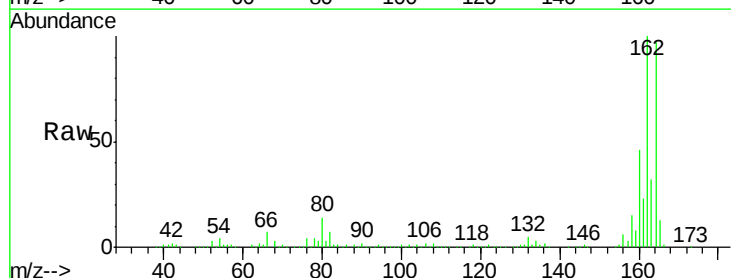


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

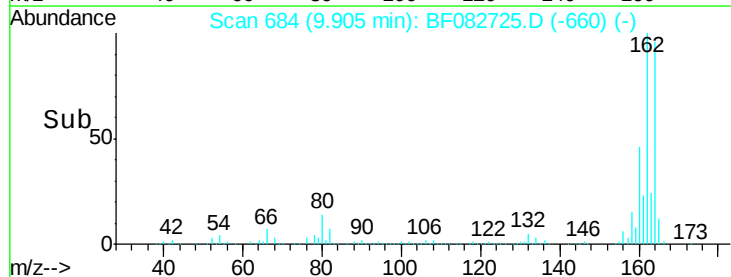
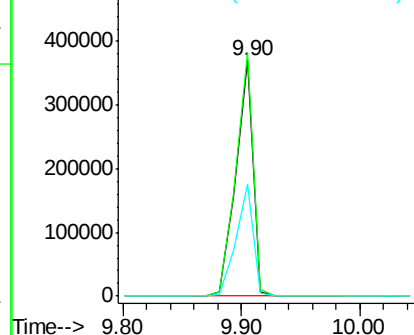


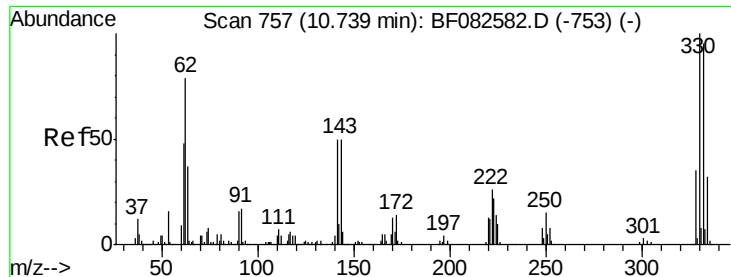
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082725.D
 Acq: 5 Nov 2015 13:11

Tgt Ion: 164 Resp: 370974
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 47.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

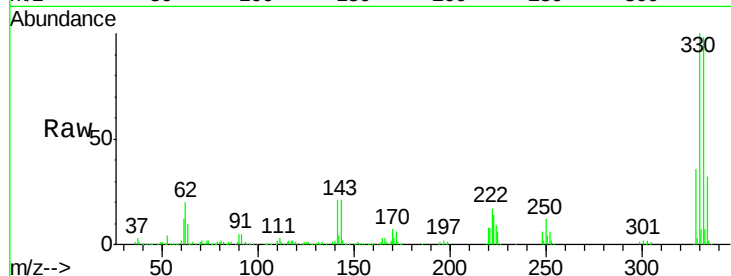




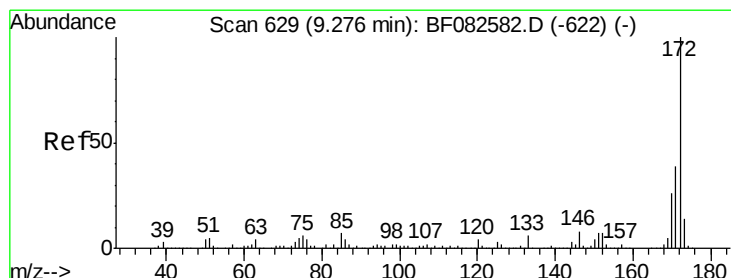
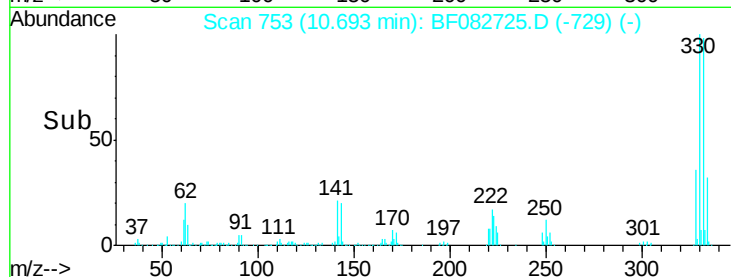
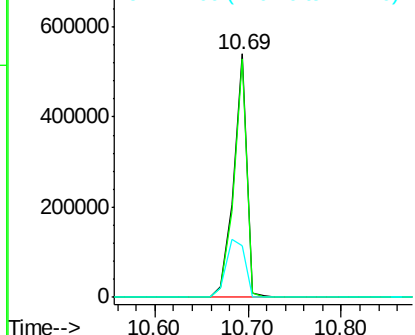
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082725.D
 Acq: 5 Nov 2015 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(18-20)

Tgt Ion:330 Resp: 538093
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 34.6 41.2 61.8#

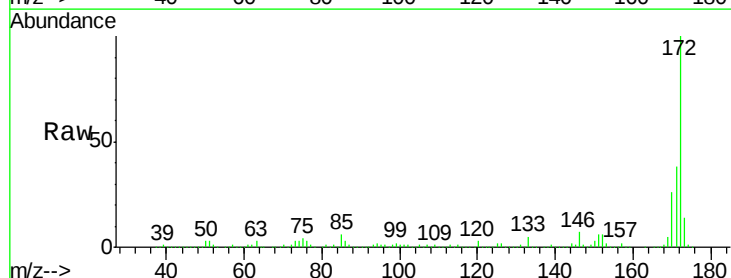


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

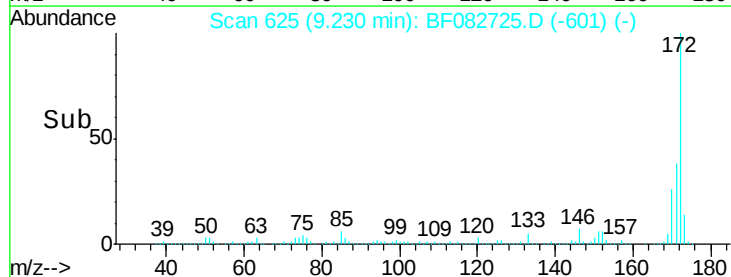
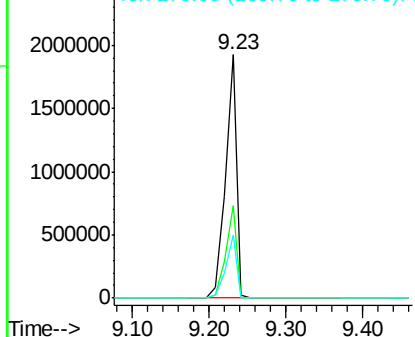


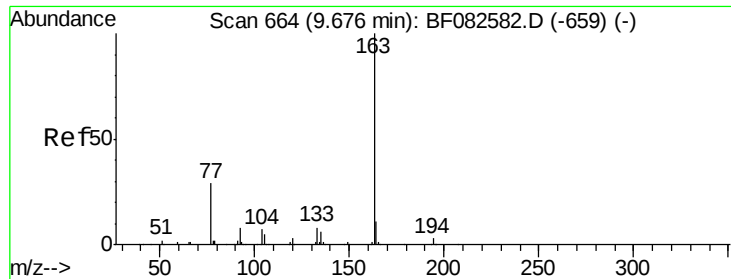
#44
 2-Fluorobiphenyl
 Concen: 74.93 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082725.D
 Acq: 5 Nov 2015 13:11

Tgt Ion:172 Resp: 1957818
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.8 21.2 31.8



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

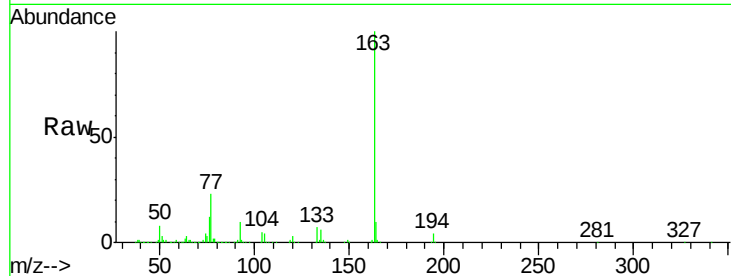




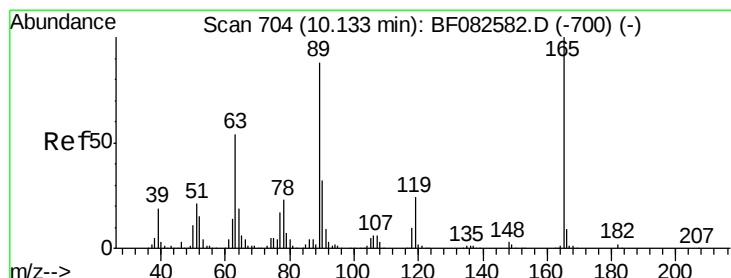
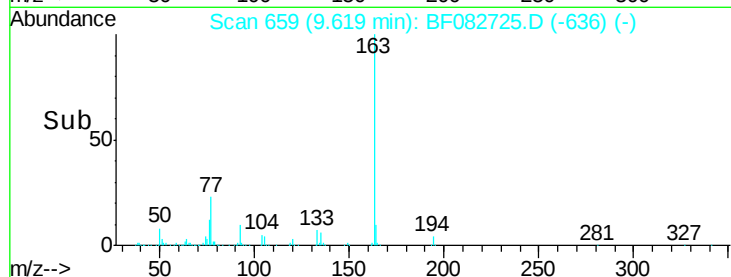
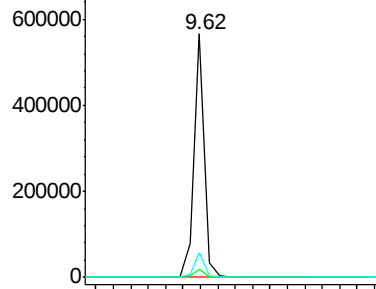
#49
Dimethylphthalate
Concen: 15.55 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082725.D
Acq: 5 Nov 2015 13:11

Instrument :
BNA_F
ClientSampleId :
SB-12(18-20)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.7	13.1

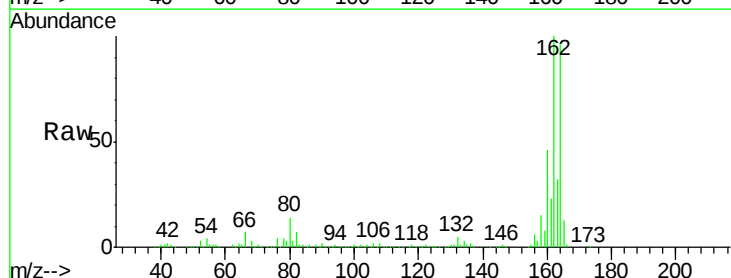


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

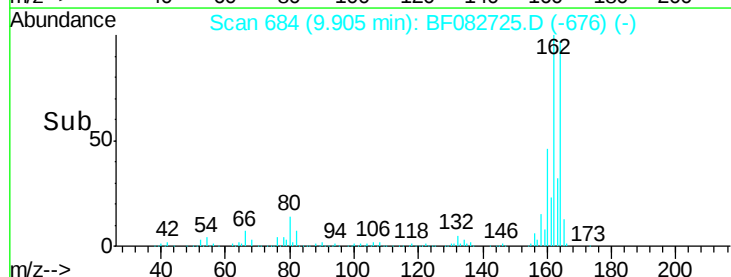
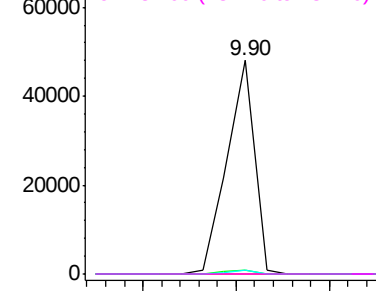


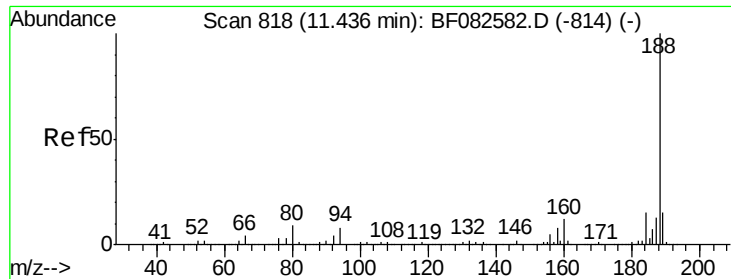
#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082725.D
Acq: 5 Nov 2015 13:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#



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

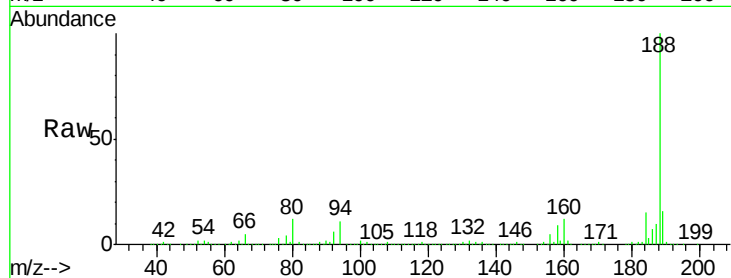




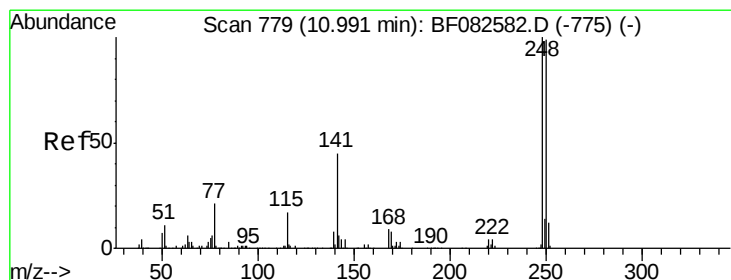
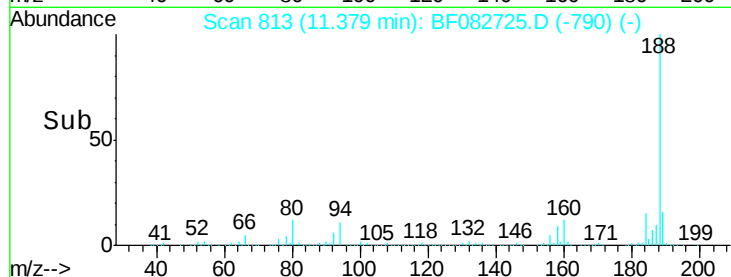
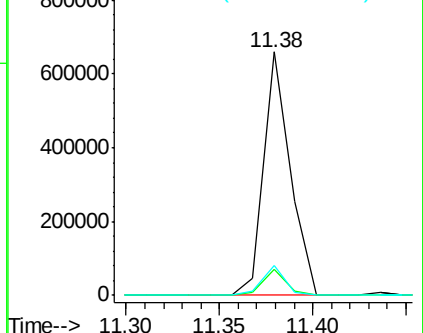
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082725.D
Acq: 5 Nov 2015 13:11

Instrument :
BNA_F
ClientSampleId :
SB-12(18-20)

Tgt Ion:188 Resp: 662261
Ion Ratio Lower Upper
188 100
94 10.5 6.1 9.1#
80 12.2 7.0 10.6#

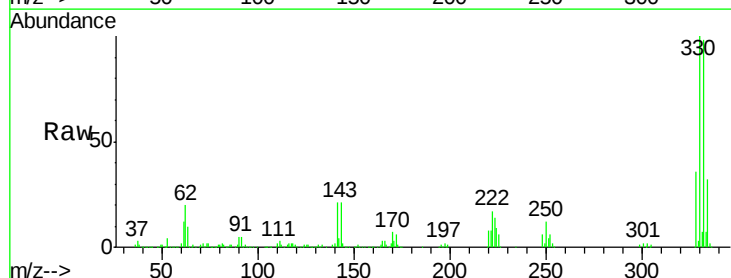


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

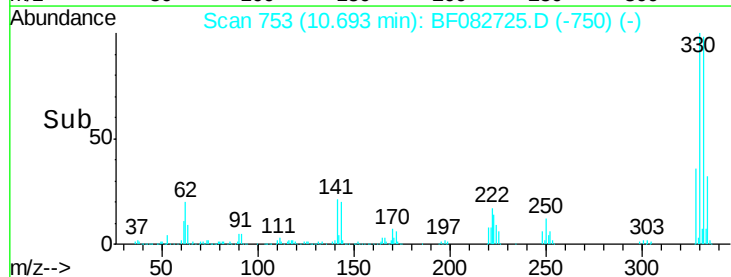
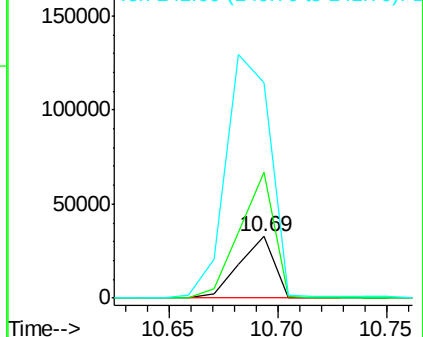


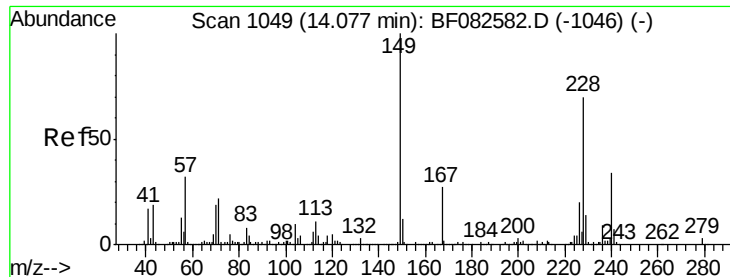
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082725.D
Acq: 5 Nov 2015 13:11

Tgt Ion:248 Resp: 36685
Ion Ratio Lower Upper
248 100
250 203.9 79.4 119.2#
141 350.4 36.3 54.5#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

Instrument :

BNA_F

ClientSampleId :

SB-12(18-20)

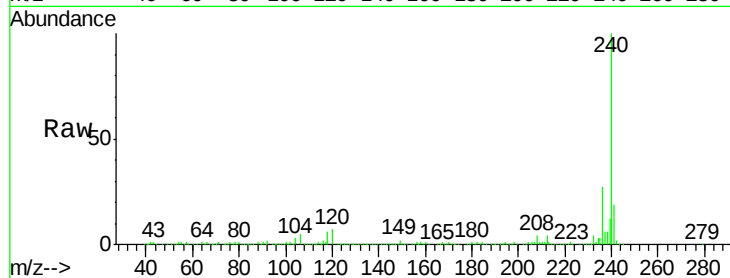
Tgt Ion:240 Resp: 687063

Ion Ratio Lower Upper

240 100

120 7.2 10.9 16.3#

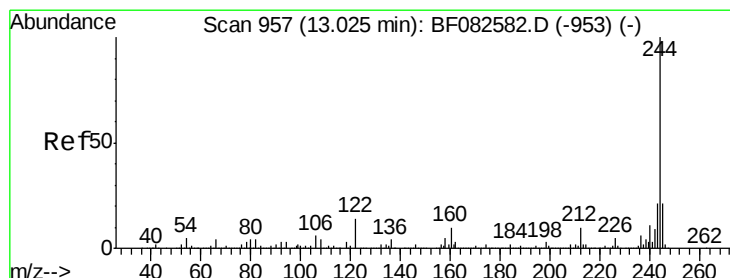
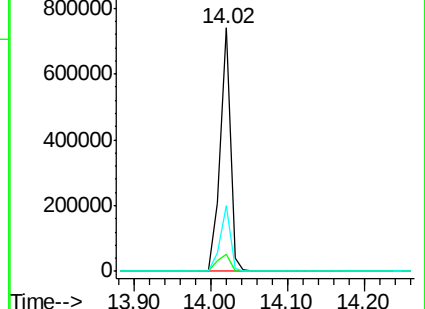
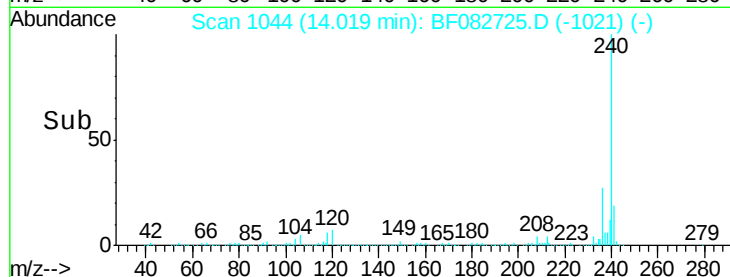
236 26.8 21.6 32.4



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: 62.39 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082725.D

Acq: 5 Nov 2015 13:11

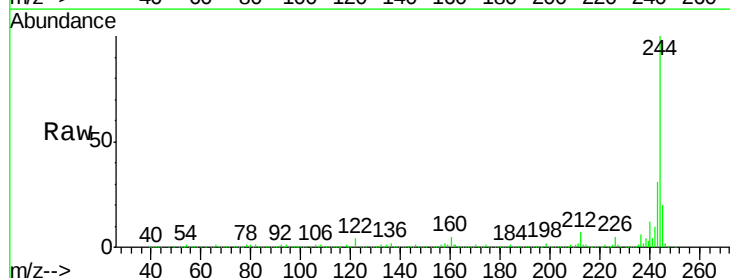
Tgt Ion:244 Resp: 1958771

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

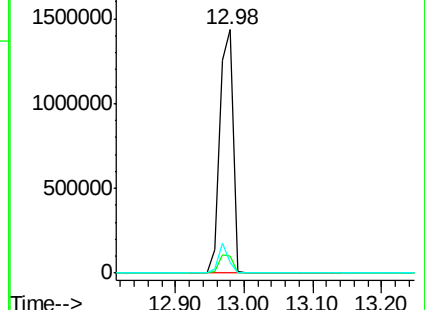
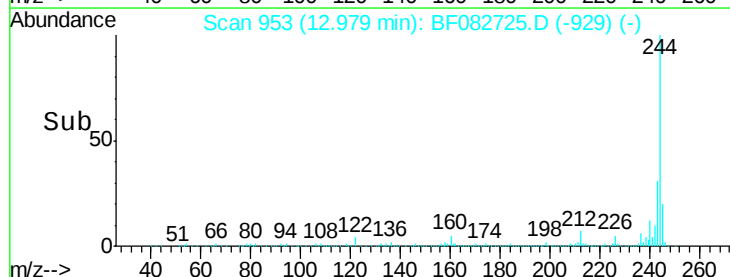
122 4.2 11.3 16.9#

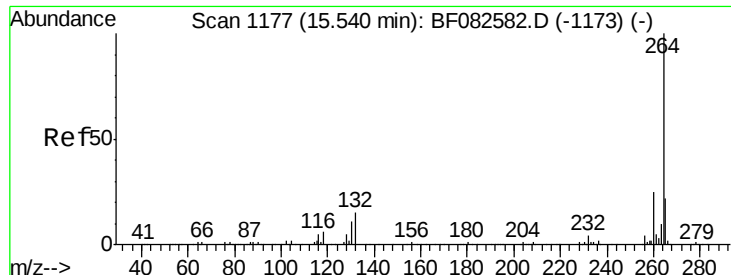


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082725.D
Acq: 5 Nov 2015 13:11

Instrument :
BNA_F
ClientSampleId :
SB-12(18-20)

Tgt Ion:	264	Resp:	516750
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.7	17.4	26.0

