

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080784.D
 Acq On : 1 Aug 2015 16:57
 Operator : TP/UM
 Sample : G3125-09
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-6(0-2)

Quant Time: Aug 03 03:48:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

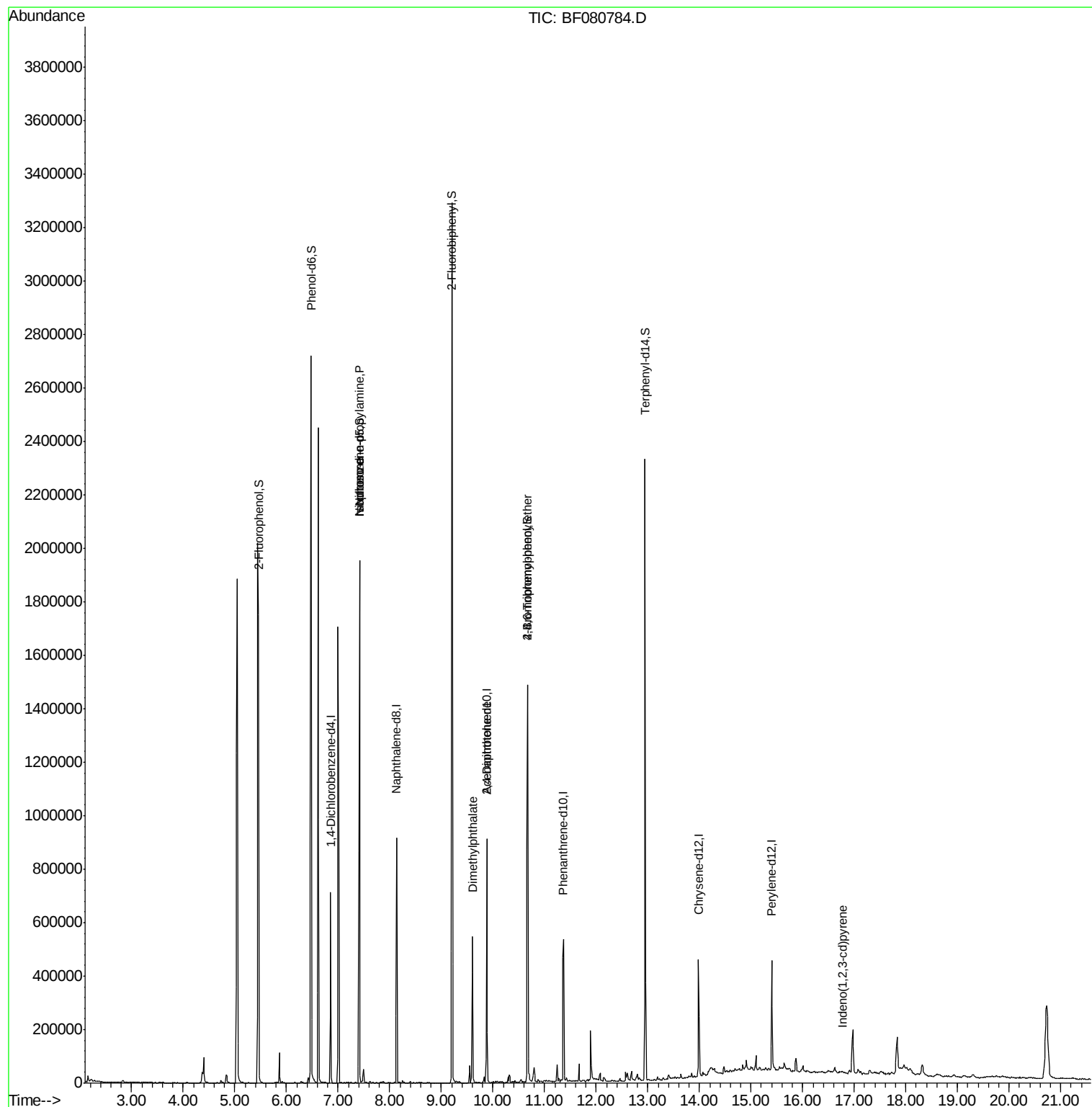
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100549	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	380452	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	166989	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	273621	20.00	ng	0.00
75) Chrysene-d12	13.99	240	169225	20.00	ng	-0.01
86) Perylene-d12	15.40	264	204463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	680214	116.05	ng	0.01
7) Phenol-d6	6.48	99	839880	105.25	ng	-0.01
23) Nitrobenzene-d5	7.41	82	646779	82.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	217574	125.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	937995	83.80	ng	-0.01
78) Terphenyl-d14	12.95	244	675344	75.48	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1127	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	90762	16.89	ng	# 72
25) Isophorone	7.41	82	632028	45.24	ng	# 71
49) Dimethylphthalate	9.61	163	298508	25.37	ng	97
56) 2,4-Dinitrotoluene	9.88	165	20517	6.26	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	13036	4.62	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.77	276	4883	3.14	ng	# 91

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

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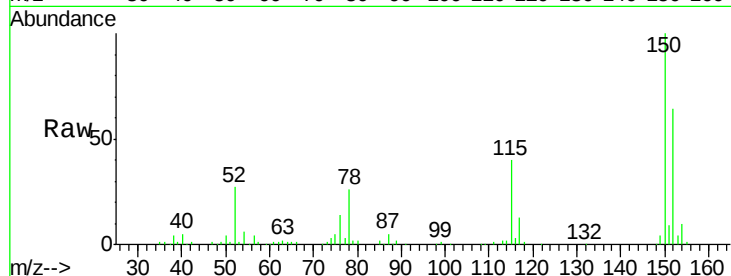


#1

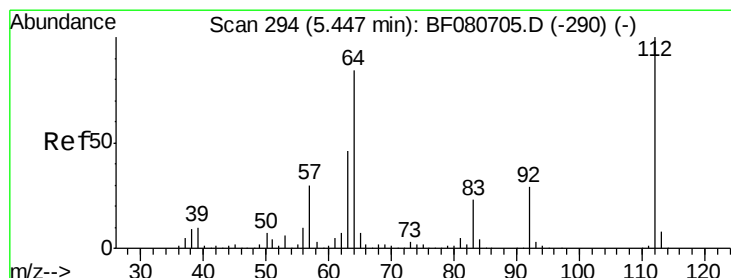
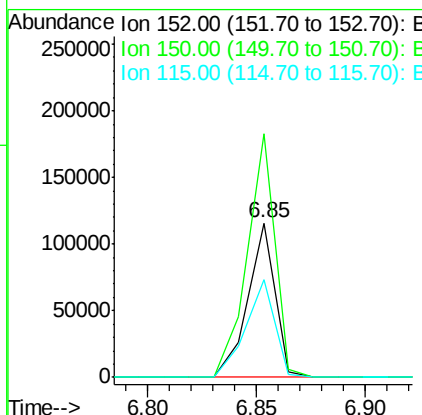
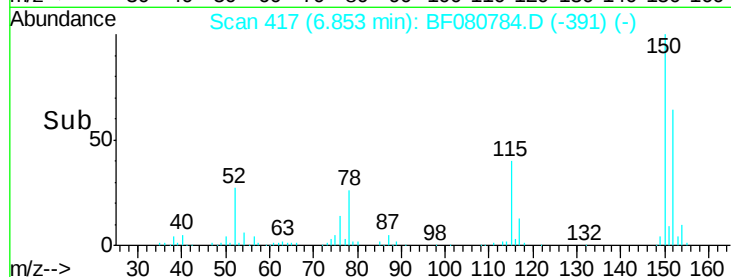
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080784.D
Acq: 1 Aug 2015 16:57

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-6(0-2)

Tot Ion:152 Resp: 100549
Ion Ratio Lower Upper
152 100
150 157.5 129.6 194.4
115 62.9 56.6 85.0



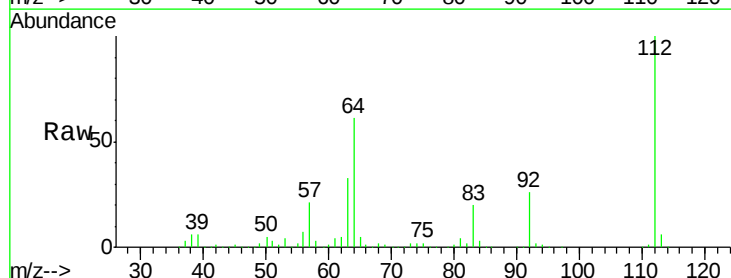
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



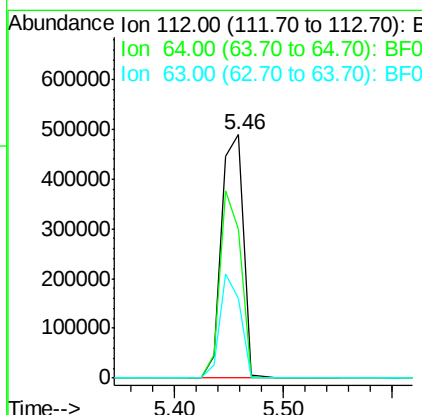
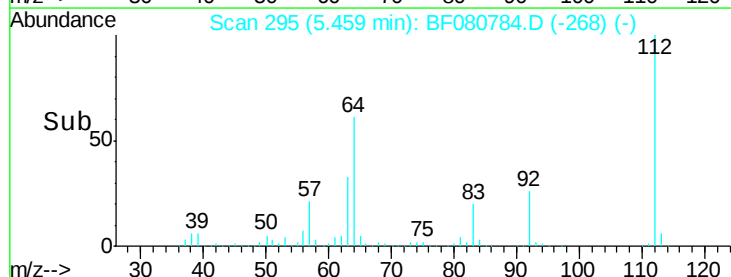
#5

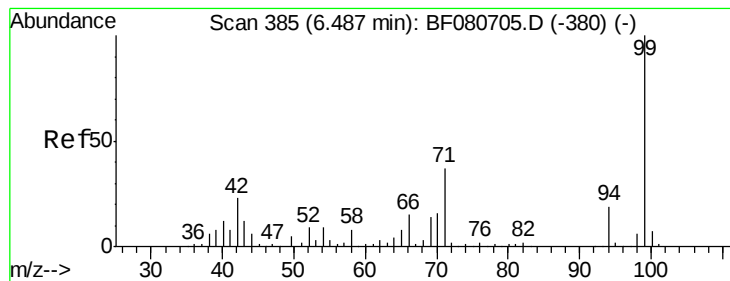
2-Fluorophenol
Concen: 116.05 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080784.D
Acq: 1 Aug 2015 16:57

Tgt Ion:112 Resp: 680214
Ion Ratio Lower Upper
112 100
64 61.4 66.8 100.2#
63 32.8 36.7 55.1#



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: 105.25 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-6(0-2)

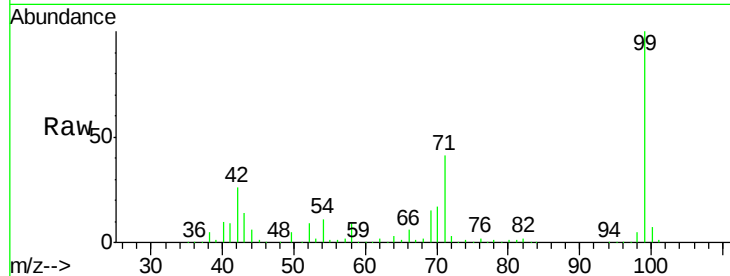
Tot Ion: 99 Resp: 839880

Ion Ratio Lower Upper

99 100

42 26.4 18.2 27.2

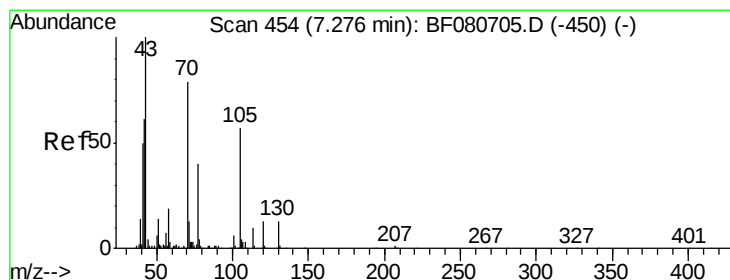
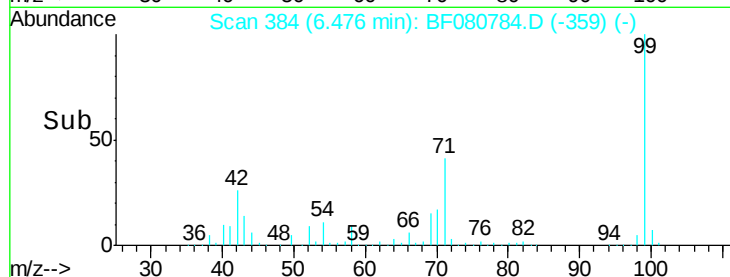
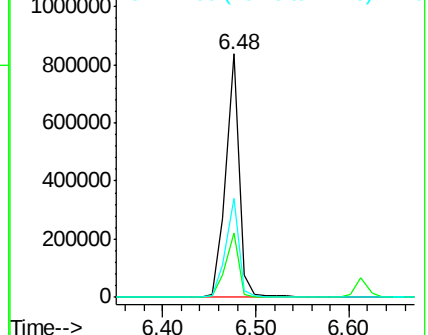
71 40.8 29.5 44.3



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: 16.89 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

Tgt Ion: 70 Resp: 90762

Ion Ratio Lower Upper

70 100

42 53.7 61.8 92.6#

101 0.0 6.1 9.1#

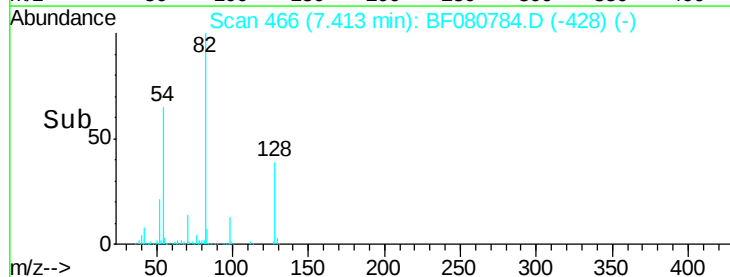
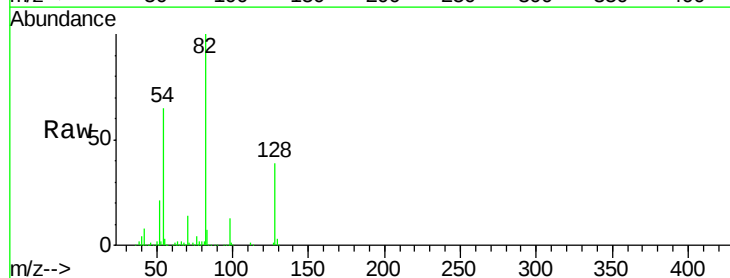
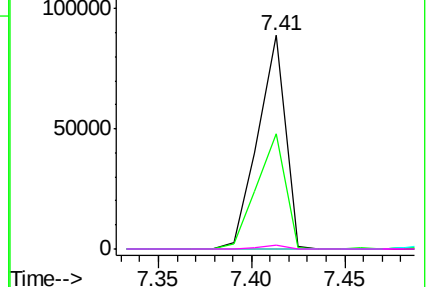
130 1.7 12.9 19.3#

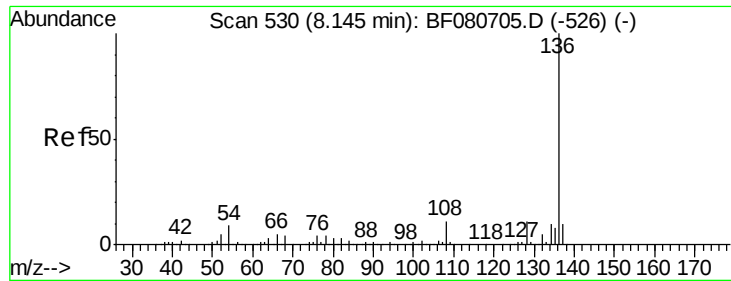
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-6(0-2)

Tot Ion:136 Resp: 380452

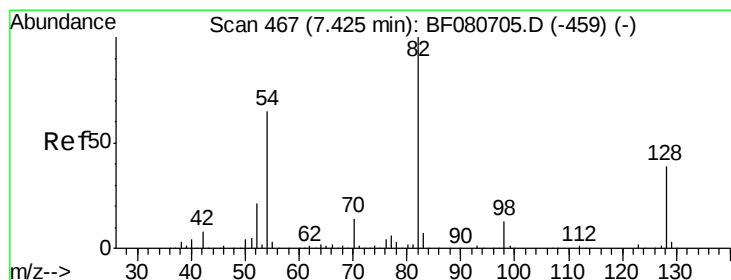
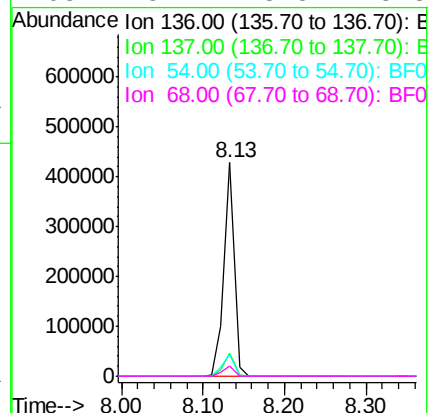
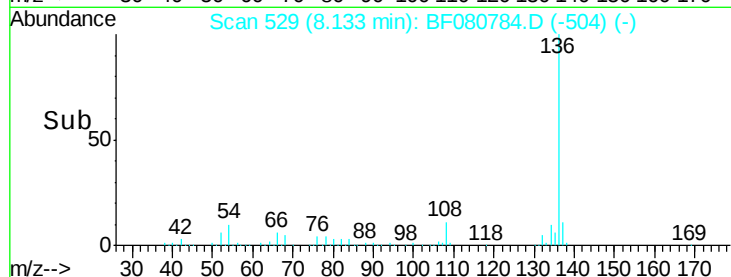
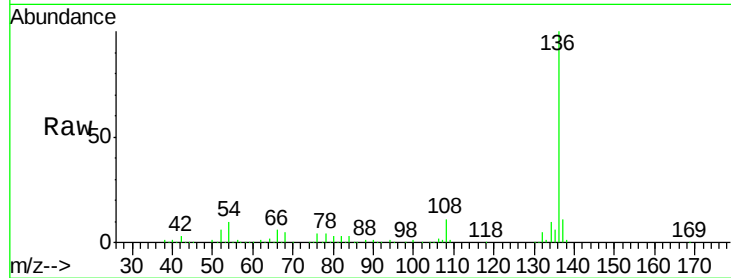
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.4 6.9 10.3#

68 5.1 3.5 5.3



#23

Nitrobenzene-d5

Concen: 82.33 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

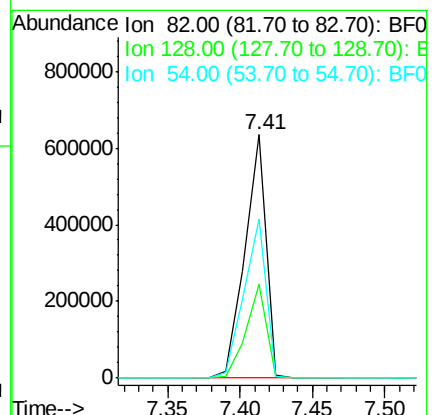
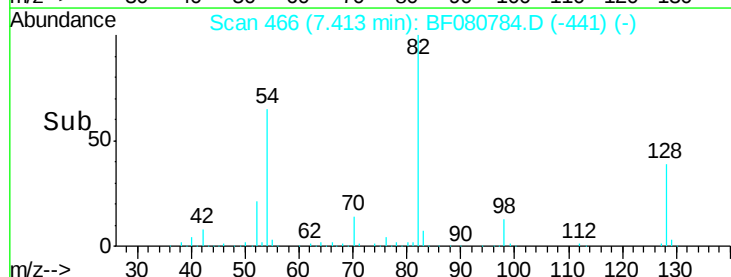
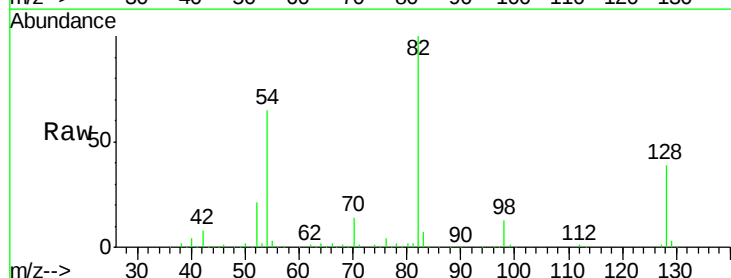
Tgt Ion: 82 Resp: 646779

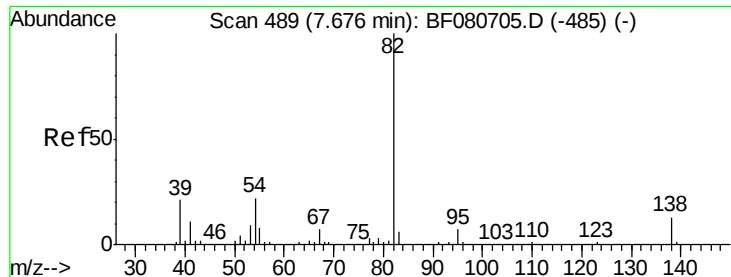
Ion Ratio Lower Upper

82 100

128 38.6 31.5 47.3

54 65.3 51.8 77.8





#25

Isophorone

Concen: 45.24 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-6(0-2)

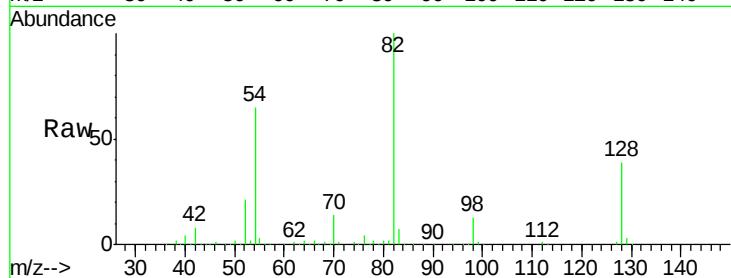
Tot Ion: 82 Resp: 632028

Ion Ratio Lower Upper

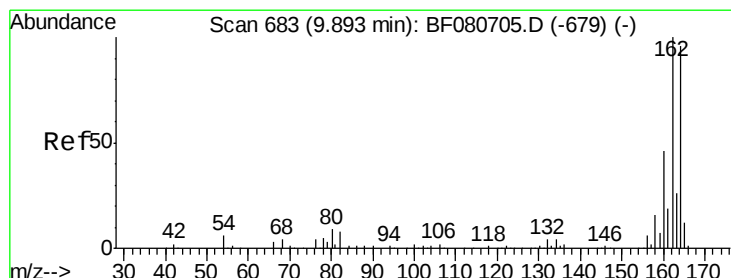
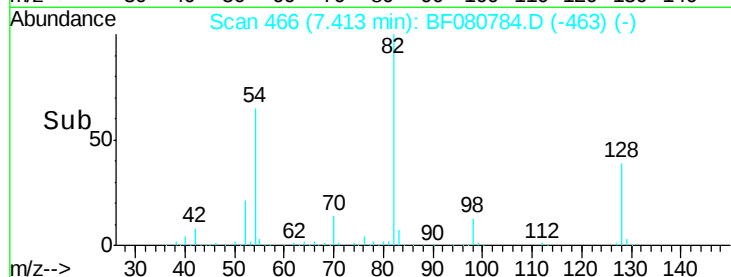
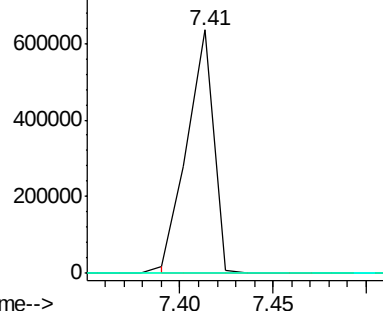
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

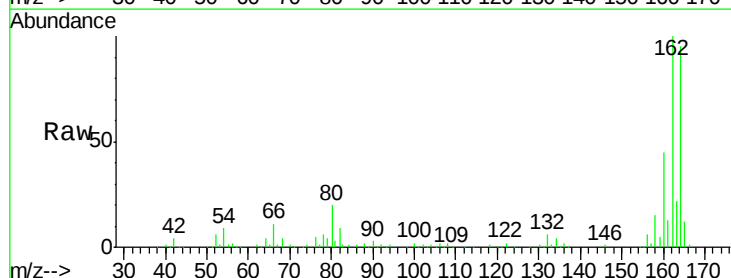
Tgt Ion:164 Resp: 166989

Ion Ratio Lower Upper

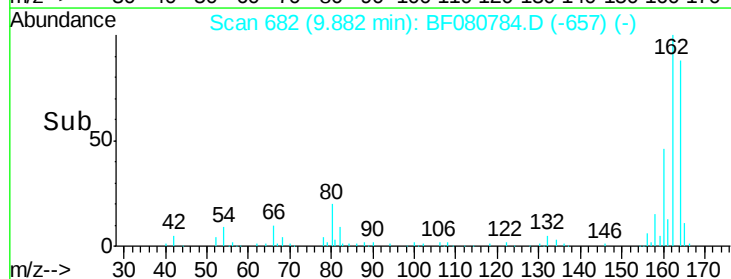
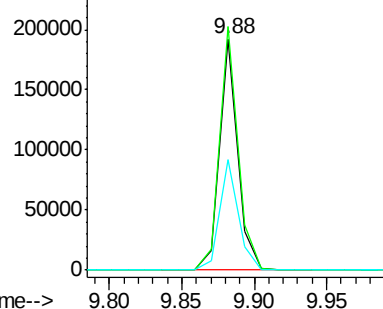
164 100

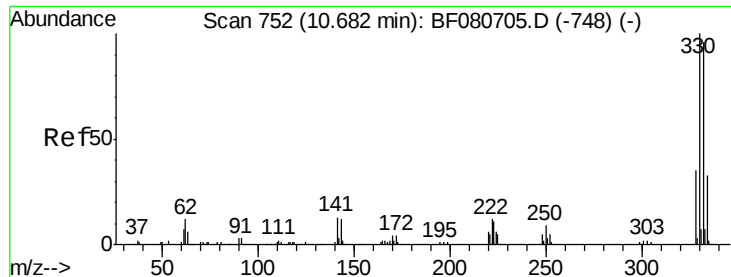
162 105.2 83.4 125.0

160 47.6 38.0 57.0



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

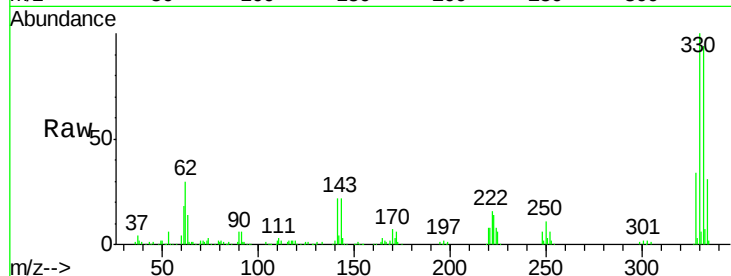




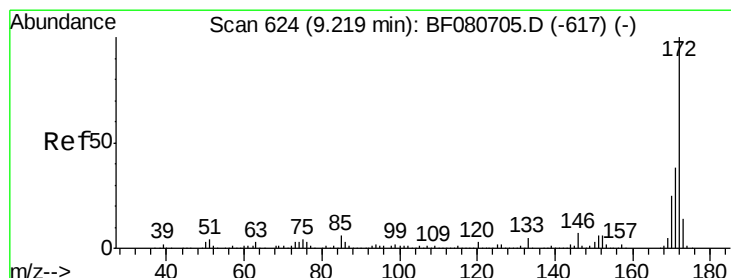
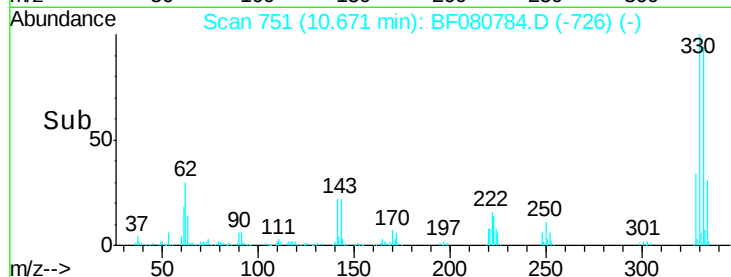
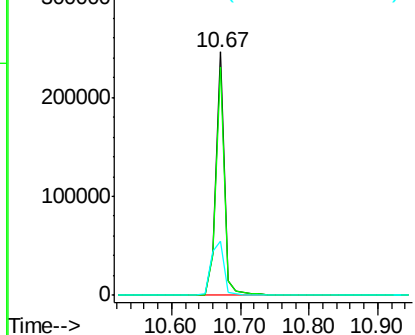
#41
 2,4,6-Tribromophenol
 Concen: 125.57 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-6(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	33.6	26.0	39.0

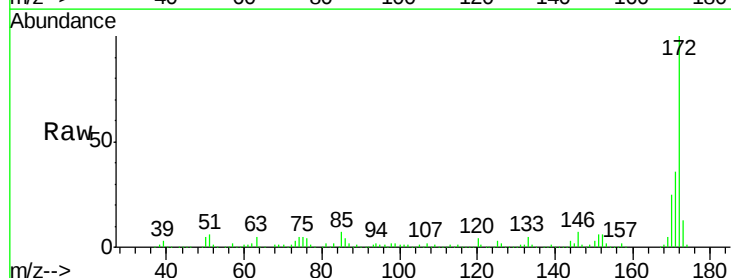


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

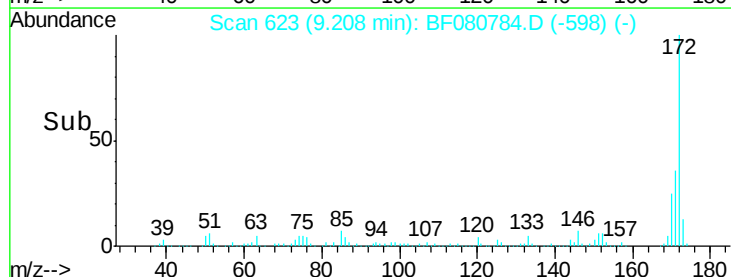
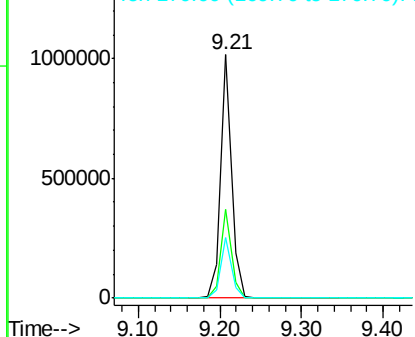


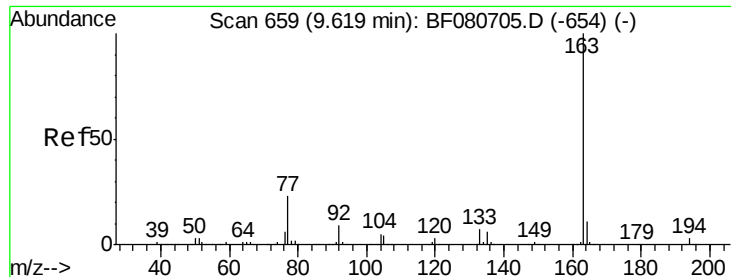
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.2	45.4
170	24.9	20.2	30.2



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

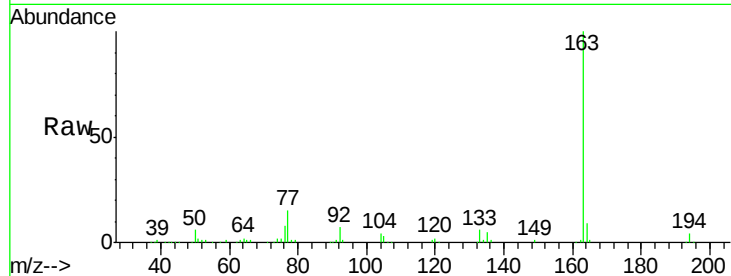




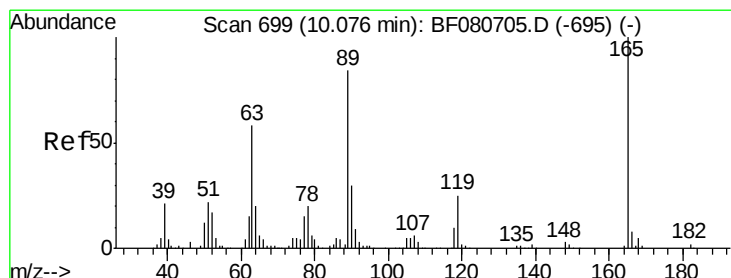
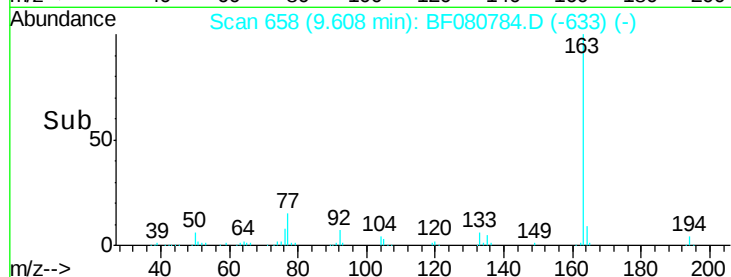
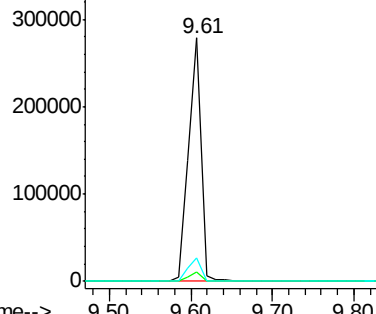
#49
Dimethylphthalate
Concen: 25.37 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080784.D
Acq: 1 Aug 2015 16:57

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-6(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.4	8.7	13.1

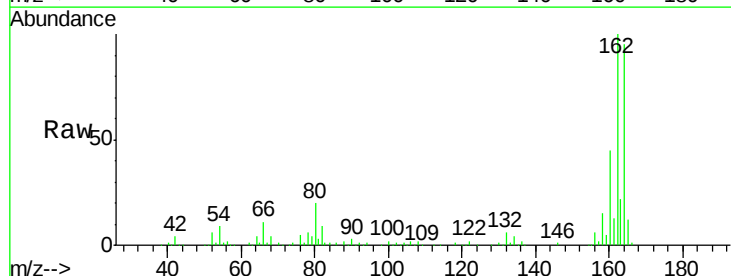


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

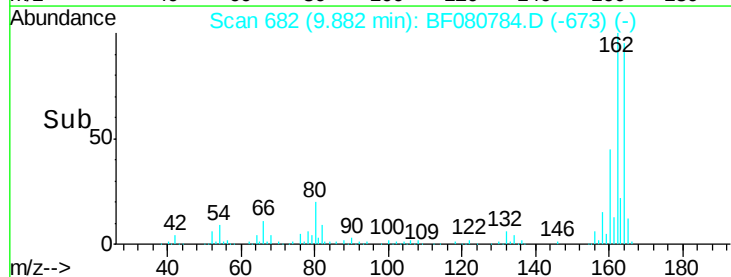
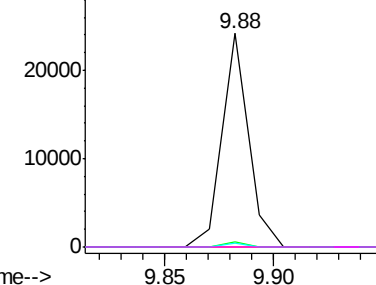


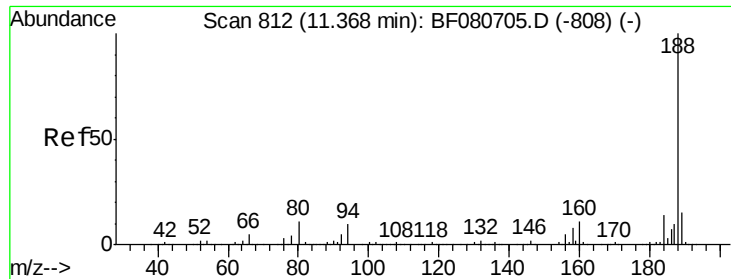
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080784.D
Acq: 1 Aug 2015 16:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	46.7	70.1#
89	1.6	67.4	101.2#
182	0.0	1.8	2.6#



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

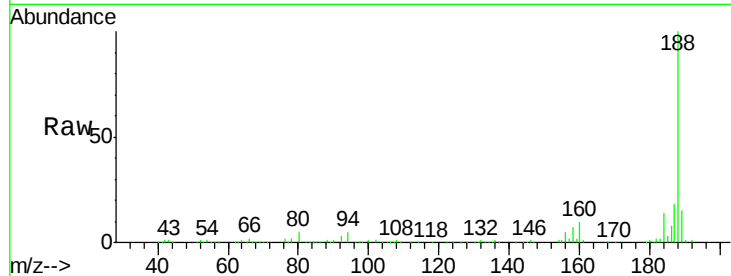




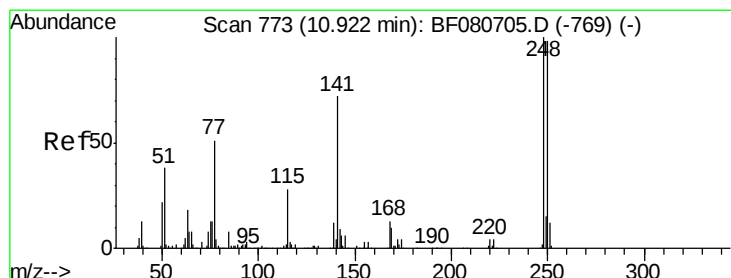
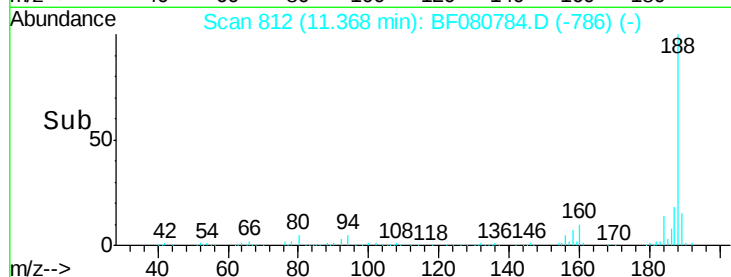
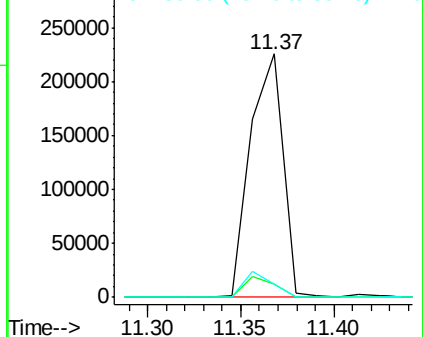
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-6(0-2)

Tot Ion:188 Resp: 273621
 Ion Ratio Lower Upper
 188 100
 94 5.2 8.1 12.1#
 80 5.3 9.1 13.7#

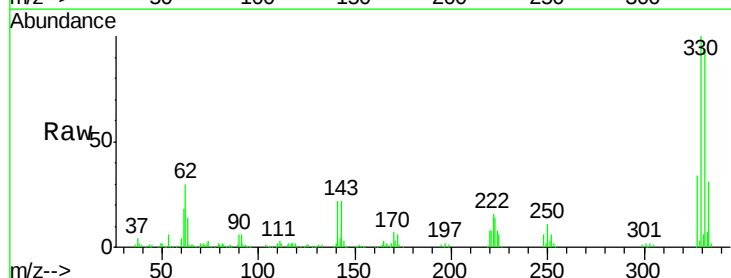


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

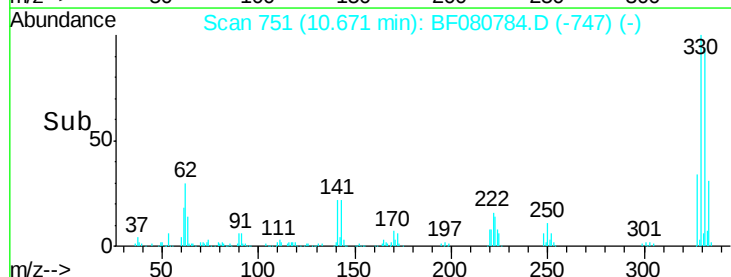
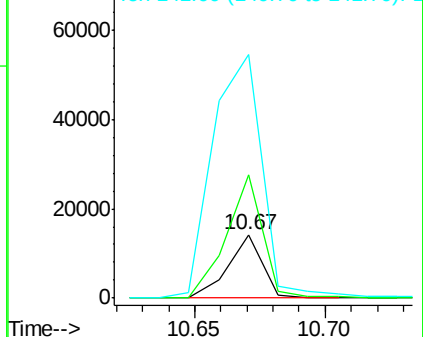


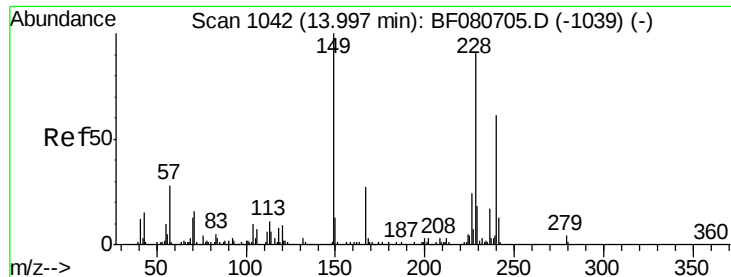
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Tgt Ion:248 Resp: 13036
 Ion Ratio Lower Upper
 248 100
 250 194.5 78.4 117.6#
 141 384.2 57.5 86.3#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-6(0-2)

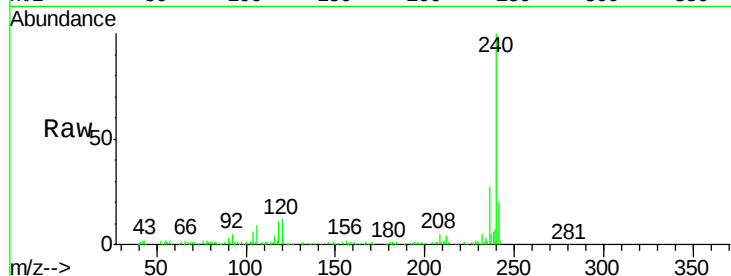
Tot Ion:240 Resp: 169225

Ion Ratio Lower Upper

240 100

120 12.5 11.8 17.8

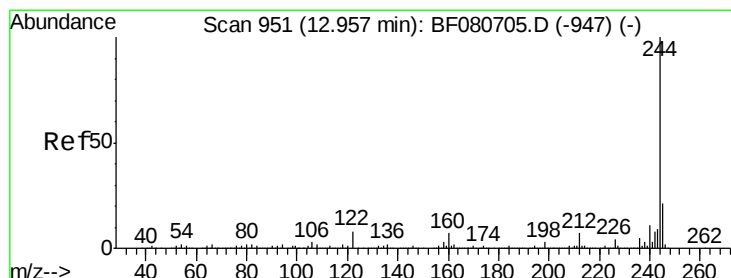
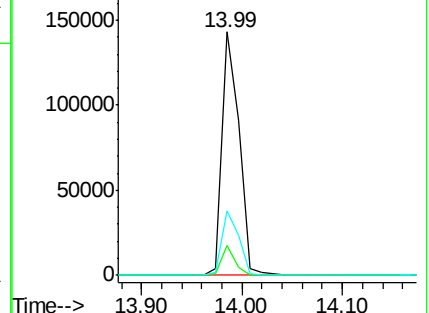
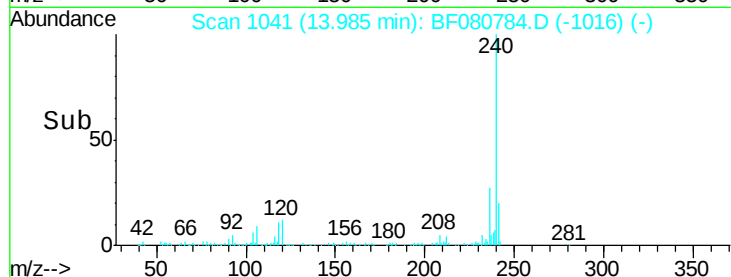
236 26.6 21.8 32.8



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: 75.48 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080784.D

Acq: 1 Aug 2015 16:57

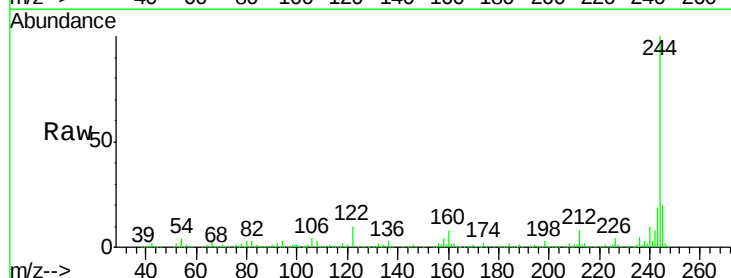
Tgt Ion:244 Resp: 675344

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

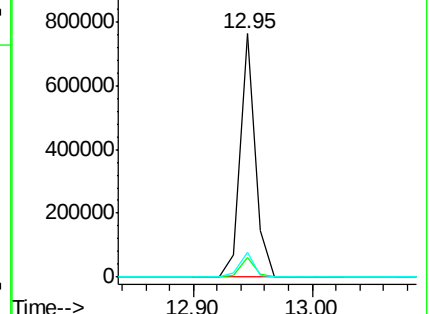
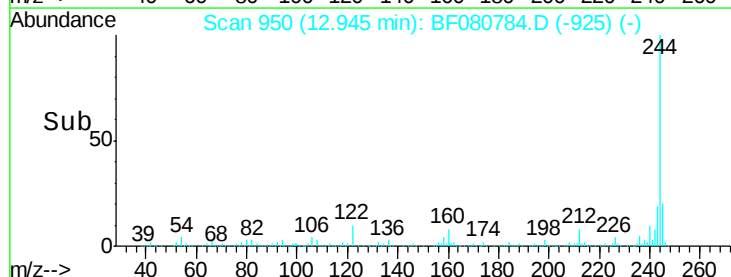
122 10.3 6.6 9.8#

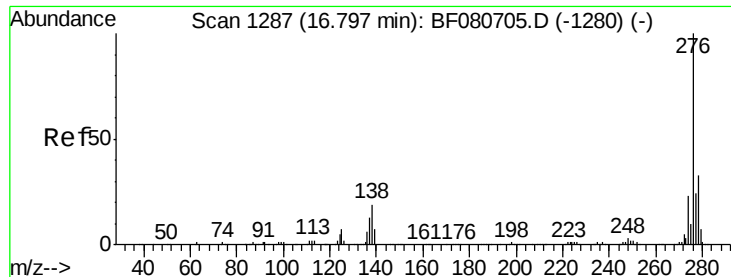


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

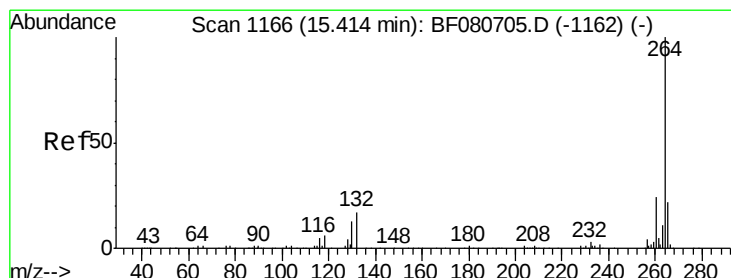
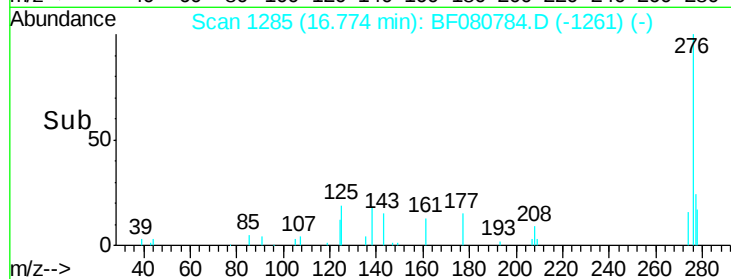
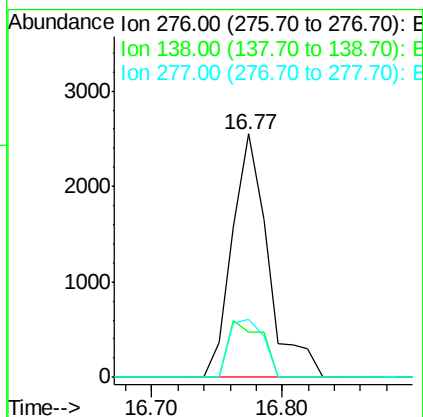
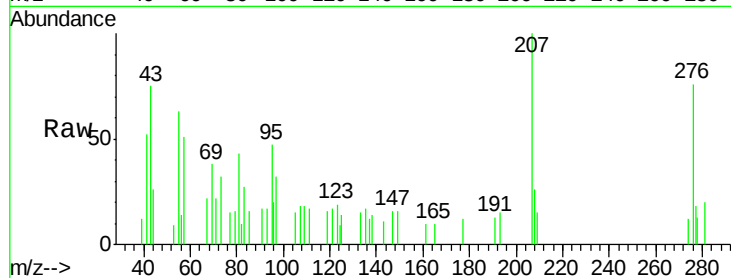




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.14 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-6(0-2)

Tot Ion:276 Resp: 4883
 Ion Ratio Lower Upper
 276 100
 138 21.6 13.2 19.8#
 277 22.5 15.4 23.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080784.D
 Acq: 1 Aug 2015 16:57

Tgt Ion:264 Resp: 204463
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.0
 265 21.2 17.3 25.9

