

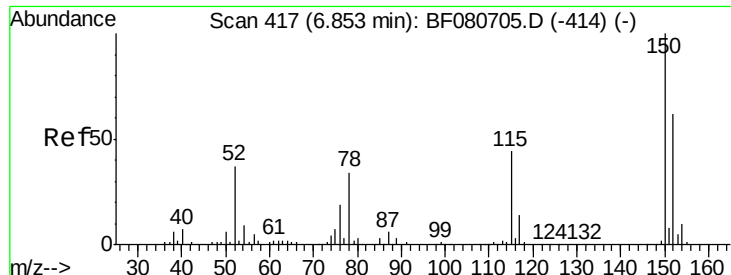
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080786.D
 Acq On : 1 Aug 2015 17:59
 Operator : TP/UM
 Sample : G3125-11
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-7(0-2)

Quant Time: Aug 03 03:48:24 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	105506	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	391800	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	175153	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	295953	20.00	ng	0.00
75) Chrysene-d12	13.99	240	188204	20.00	ng	-0.01
86) Perylene-d12	15.40	264	219710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	532652	86.61	ng	0.01
7) Phenol-d6	6.48	99	715788	85.49	ng	-0.01
23) Nitrobenzene-d5	7.41	82	486488	60.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	167592	92.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	752925	64.13	ng	-0.01
78) Terphenyl-d14	12.94	244	547925	55.06	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1289	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	66615	11.81	ng	# 68
25) Isophorone	7.41	82	475427	33.04	ng	# 71
49) Dimethylphthalate	9.61	163	242674	19.66	ng	# 97
56) 2,4-Dinitrotoluene	9.88	165	21201	6.17	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	10688	3.50	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.77	276	2541	2.86	ng	# 75

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

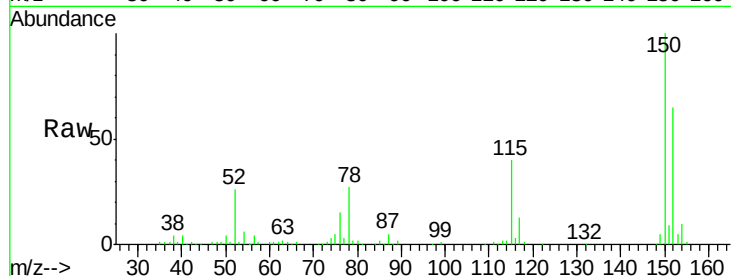


#1

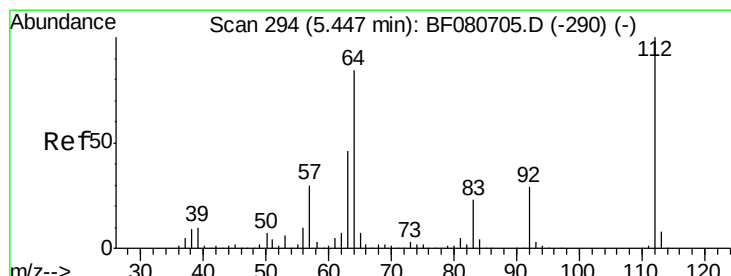
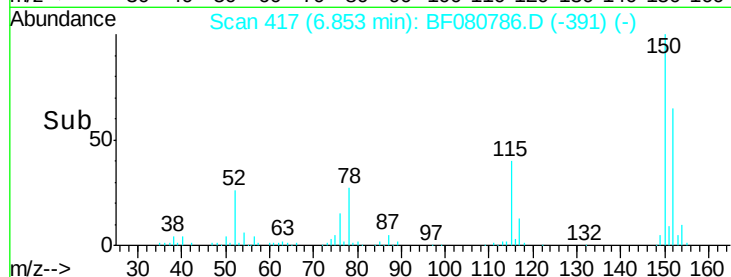
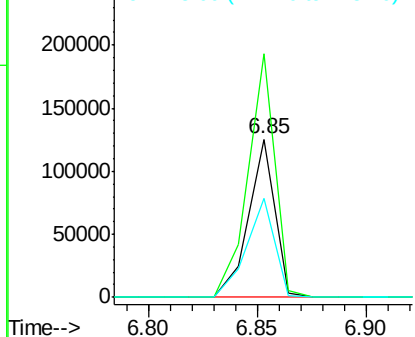
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080786.D
Acq: 1 Aug 2015 17:59

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-7(0-2)

Tot Ion:152 Resp: 105506
Ion Ratio Lower Upper
152 100
150 153.9 129.6 194.4
115 62.3 56.6 85.0



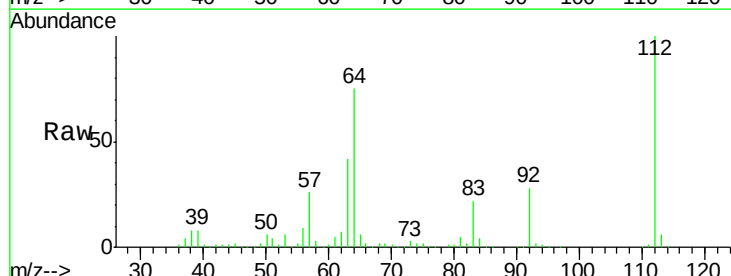
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



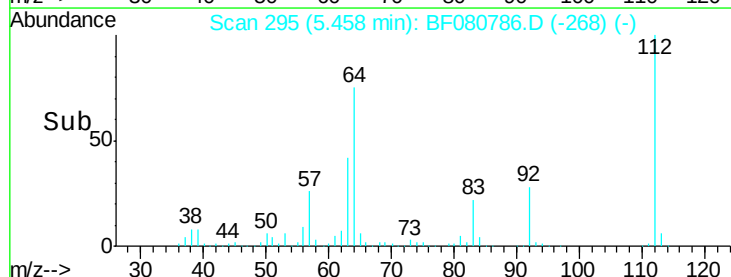
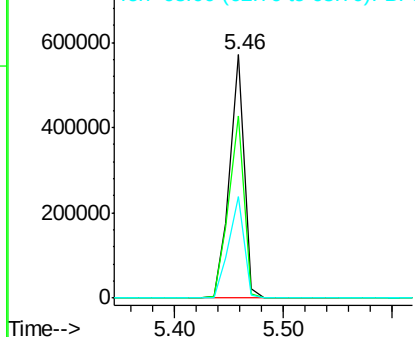
#5

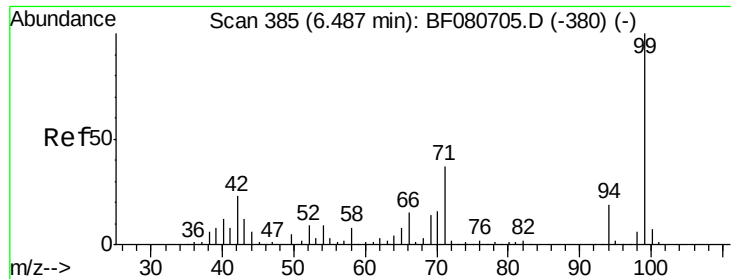
2-Fluorophenol
Concen: 86.61 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080786.D
Acq: 1 Aug 2015 17:59

Tgt Ion:112 Resp: 532652
Ion Ratio Lower Upper
112 100
64 74.7 66.8 100.2
63 41.8 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: 85.49 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-7(0-2)

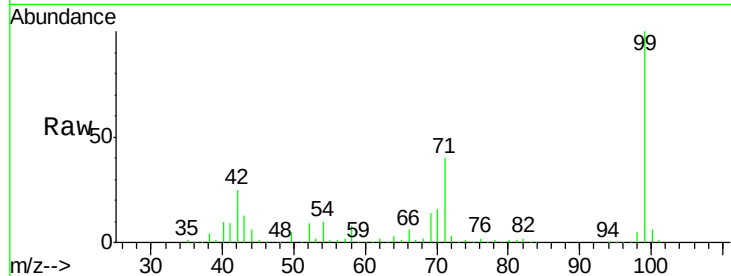
Tot Ion: 99 Resp: 715788

Ion Ratio Lower Upper

99 100

42 24.7 18.2 27.2

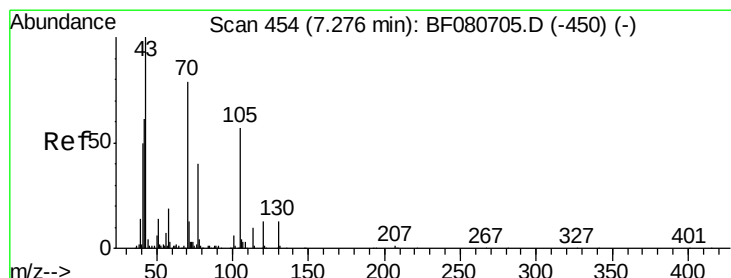
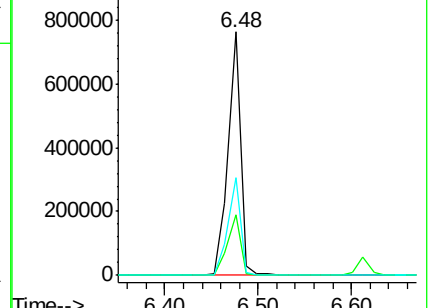
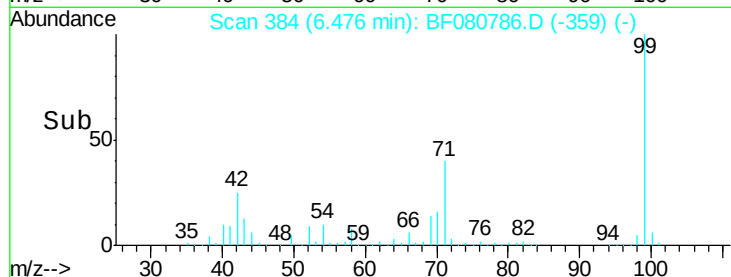
71 40.1 29.5 44.3



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: 11.81 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Tgt Ion: 70 Resp: 66615

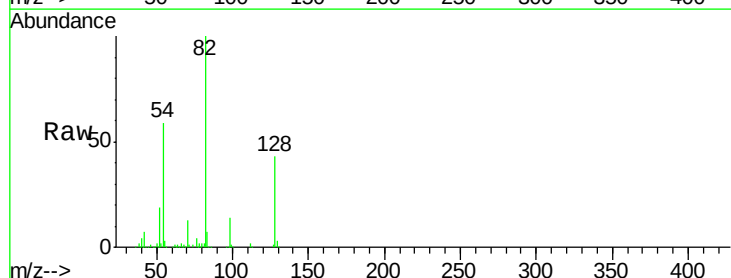
Ion Ratio Lower Upper

70 100

42 48.9 61.8 92.6#

101 0.0 6.1 9.1#

130 2.8 12.9 19.3#

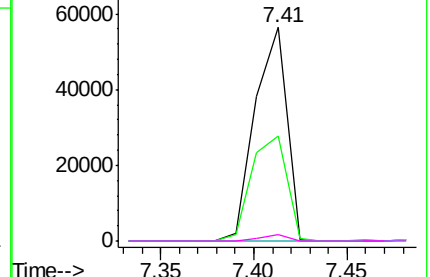
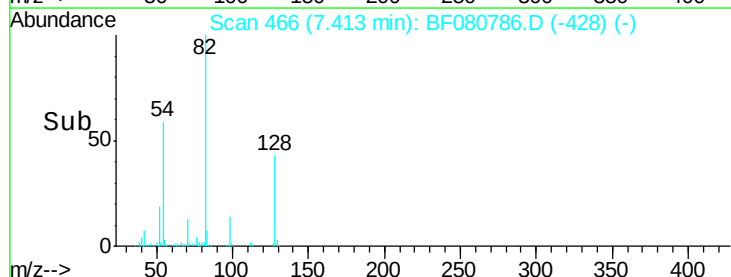


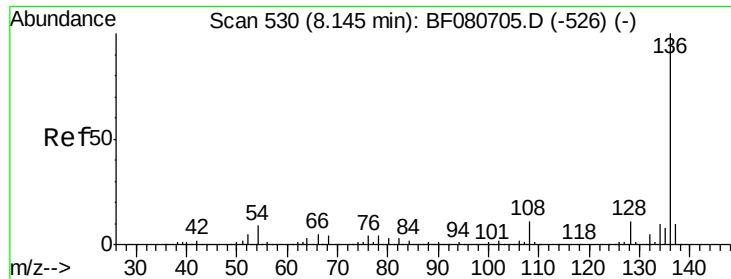
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

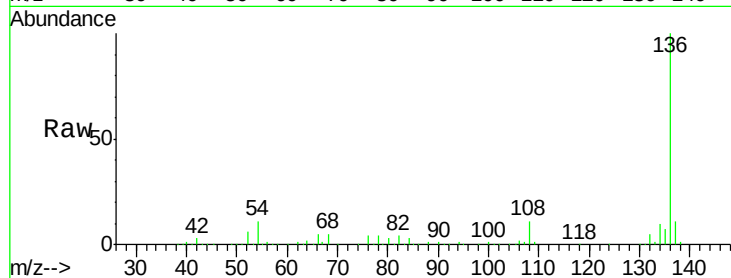




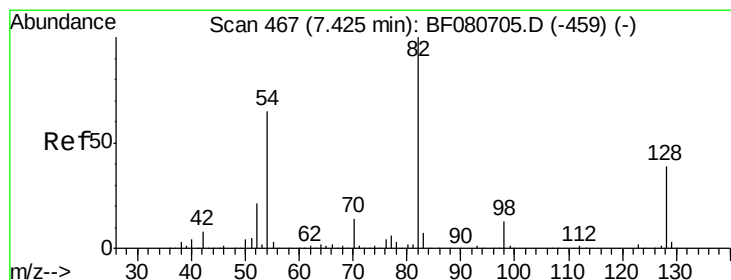
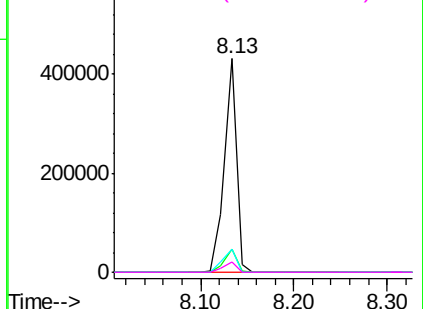
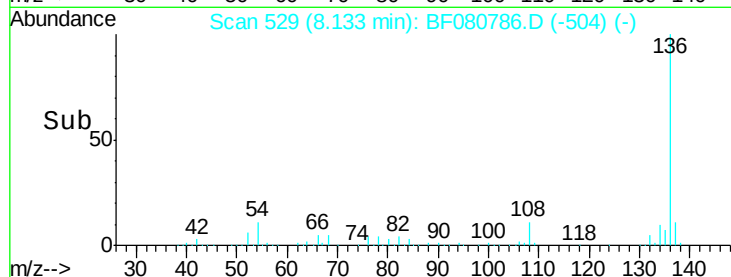
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080786.D
Acq: 1 Aug 2015 17:59

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-7(0-2)

Tot Ion:136	Resp:	391800
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	10.9	6.9 10.3
68	4.9	3.5 5.3

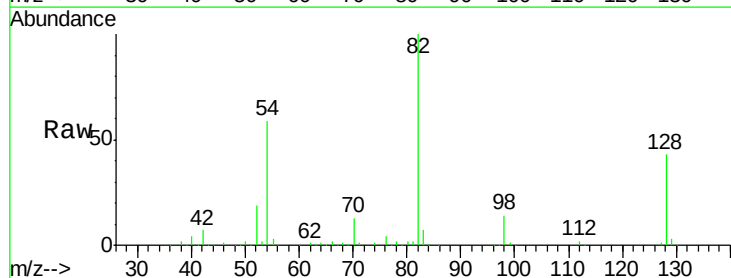


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

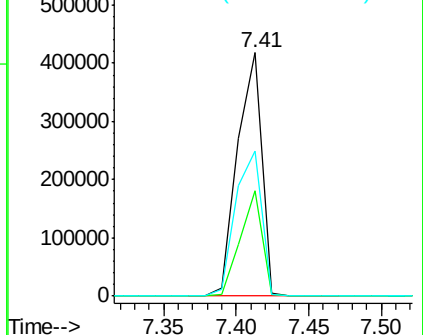
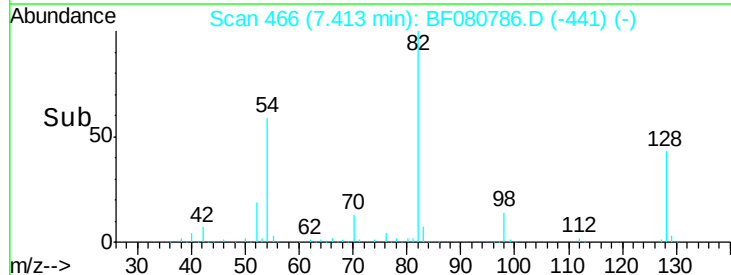


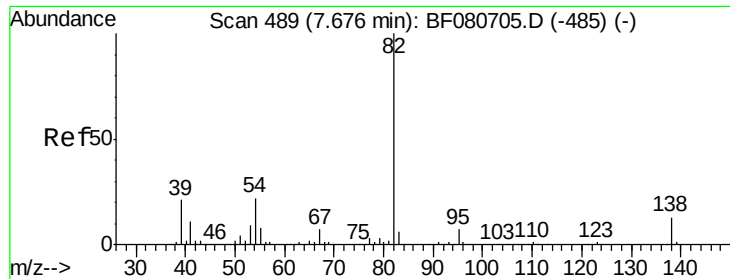
#23
Nitrobenzene-d5
Concen: 60.13 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080786.D
Acq: 1 Aug 2015 17:59

Tgt Ion: 82	Resp:	486488
Ion Ratio	Lower	Upper
82	100	
128	43.4	31.5 47.3
54	59.4	51.8 77.8



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: 33.04 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-7(0-2)

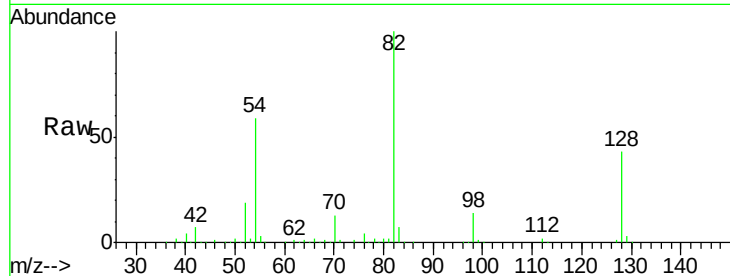
Tot Ion: 82 Resp: 475427

Ion Ratio Lower Upper

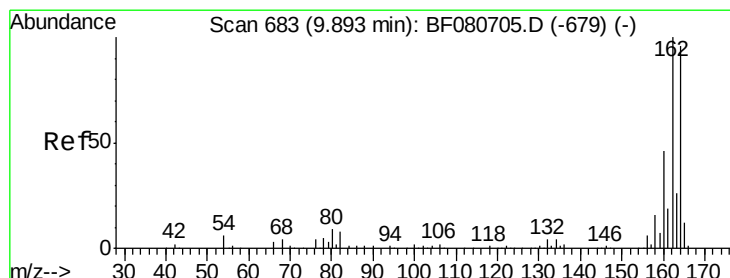
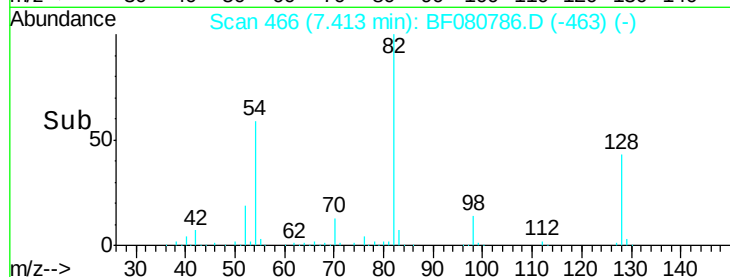
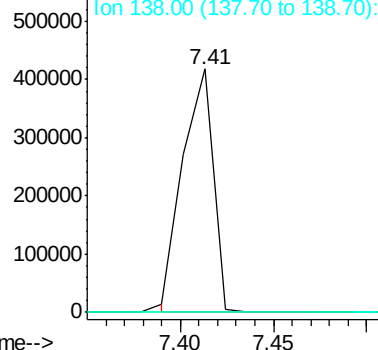
82 100

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: BF080786.D

Acq: 1 Aug 2015 17:59

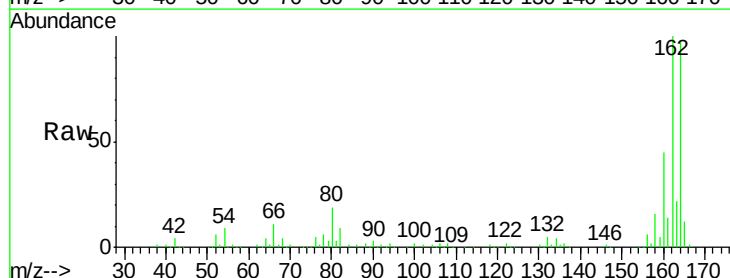
Tgt Ion:164 Resp: 175153

Ion Ratio Lower Upper

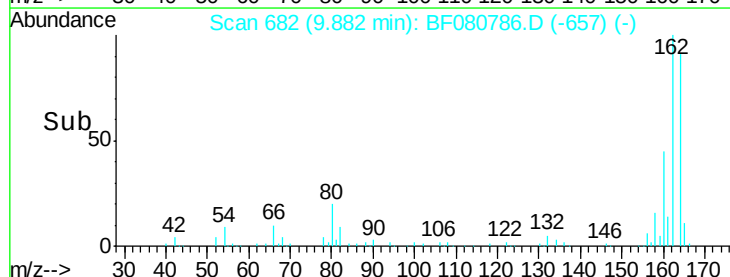
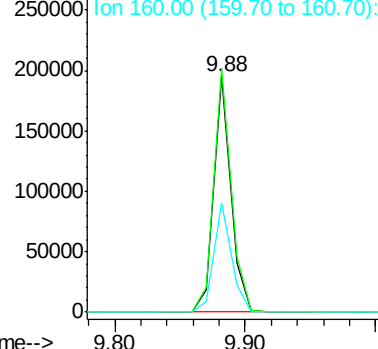
164 100

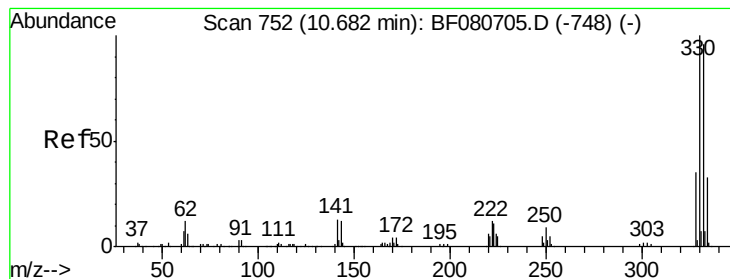
162 103.5 83.4 125.0

160 46.5 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

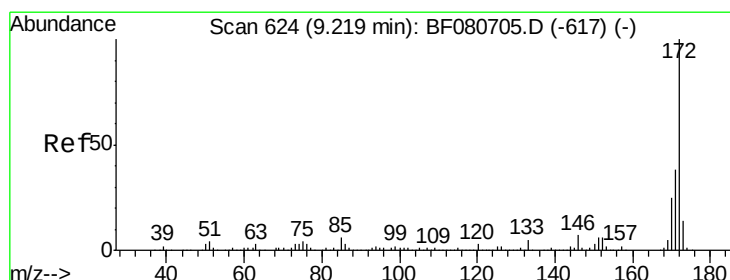
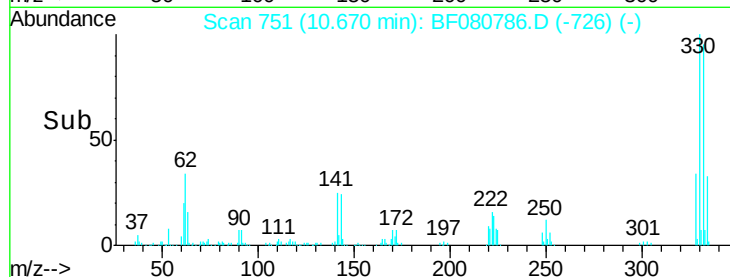
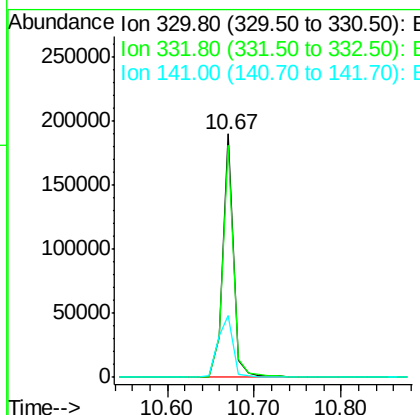
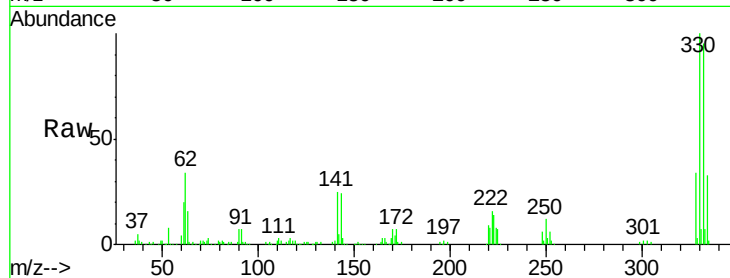




#41
 2,4,6-Tribromophenol
 Concen: 92.21 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080786.D
 Acq: 1 Aug 2015 17:59

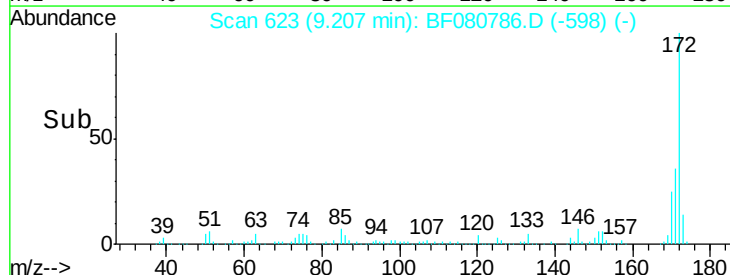
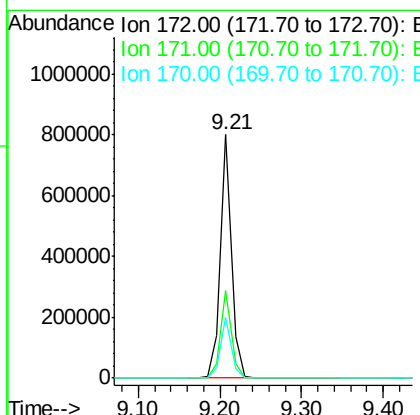
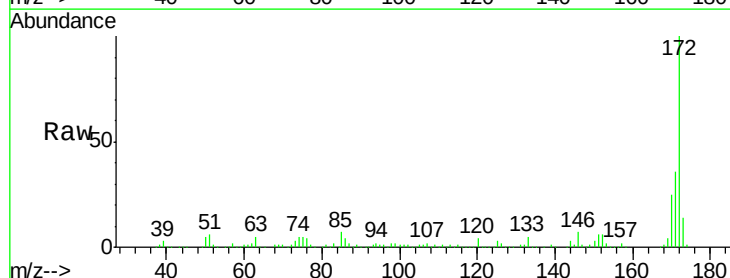
Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-7(0-2)

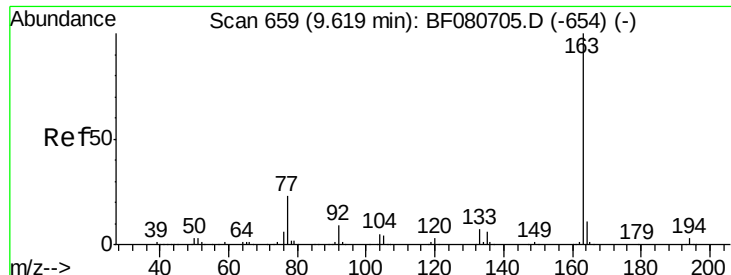
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.4	26.0	39.0



#44
 2-Fluorobiphenyl
 Concen: 64.13 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080786.D
 Acq: 1 Aug 2015 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.2	45.4
170	24.7	20.2	30.2





#49

Dimethylphthalate

Concen: 19.66 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-7(0-2)

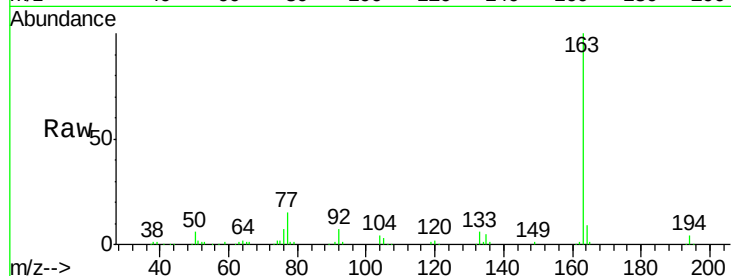
Tot Ion:163 Resp: 242674

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

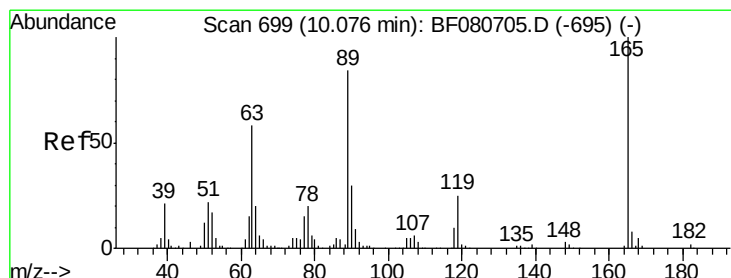
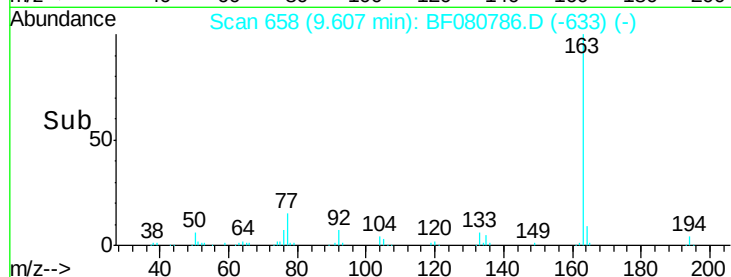
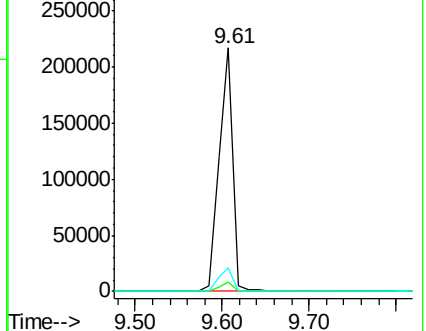
164 9.5 8.7 13.1



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: 6.17 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Tgt Ion:165 Resp: 21201

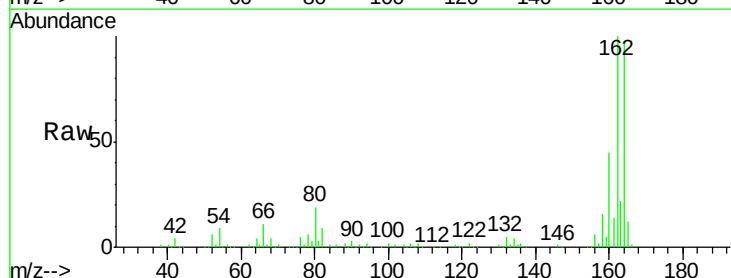
Ion Ratio Lower Upper

165 100

63 1.5 46.7 70.1#

89 1.8 67.4 101.2#

182 0.0 1.8 2.6#

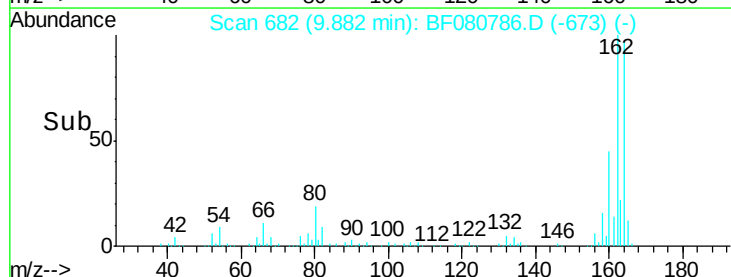
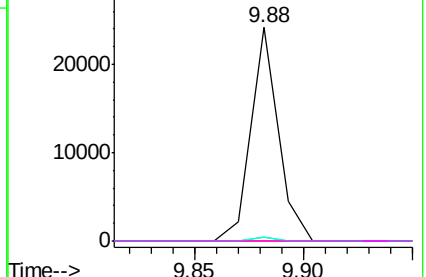


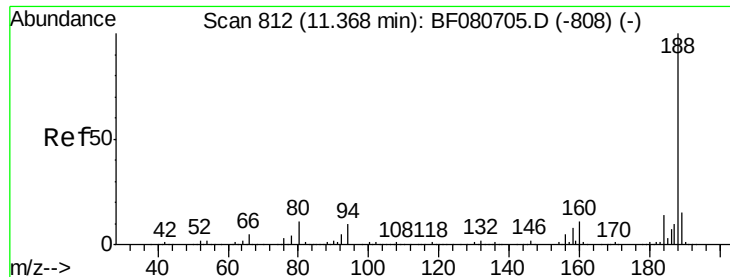
Abundance Ion 165.00 (164.70 to 165.70): E

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

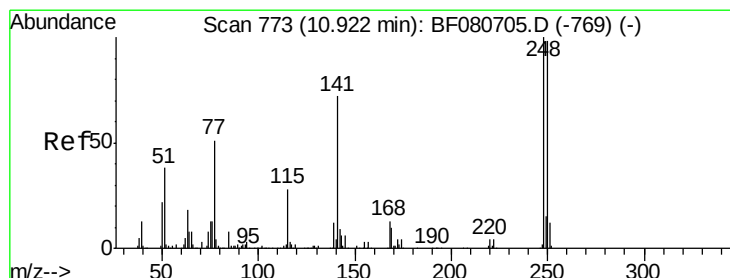
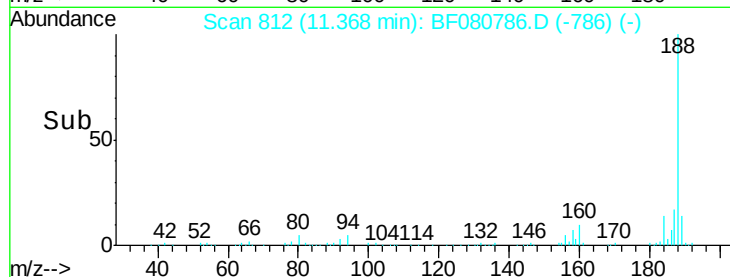
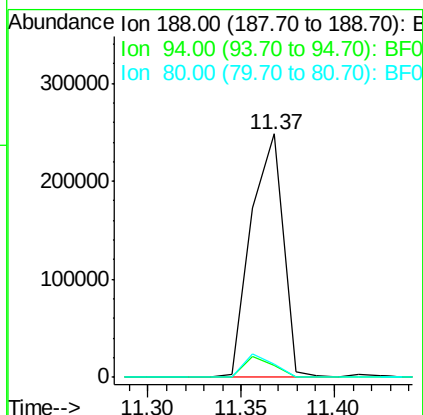
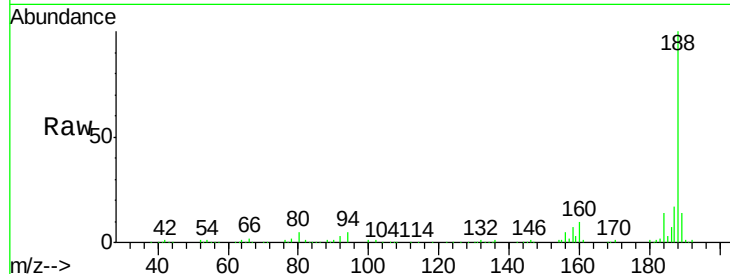




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080786.D
 Acq: 1 Aug 2015 17:59

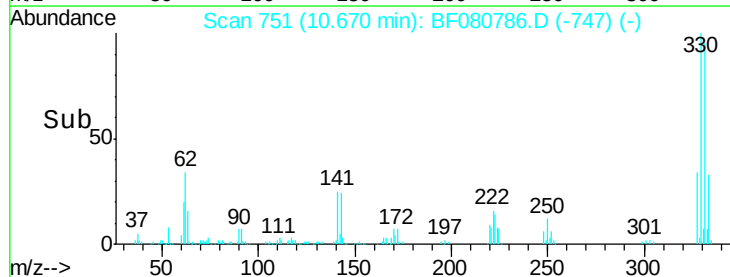
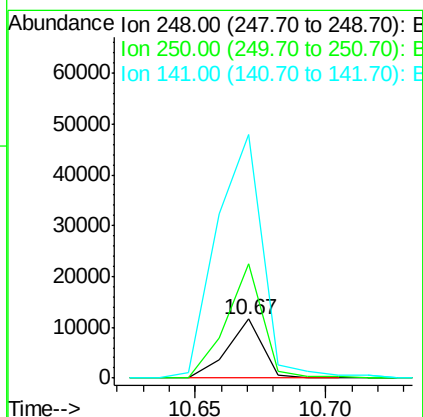
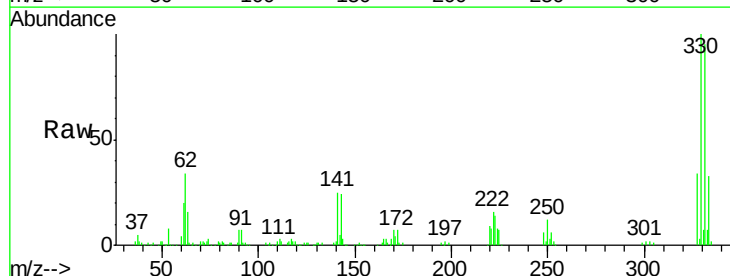
Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-7(0-2)

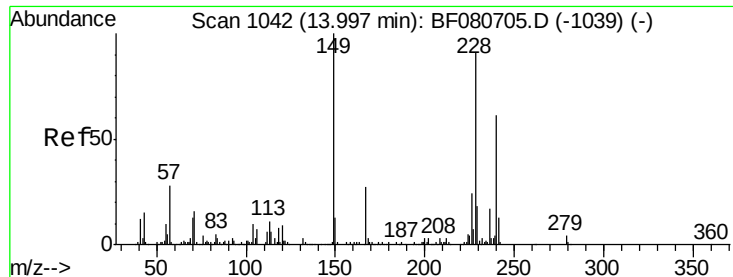
Tot Ion:188 Resp: 295953
 Ion Ratio Lower Upper
 188 100
 94 5.0 8.1 12.1#
 80 5.5 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.50 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080786.D
 Acq: 1 Aug 2015 17:59

Tgt Ion:248 Resp: 10688
 Ion Ratio Lower Upper
 248 100
 250 195.4 78.4 117.6#
 141 414.9 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-7(0-2)

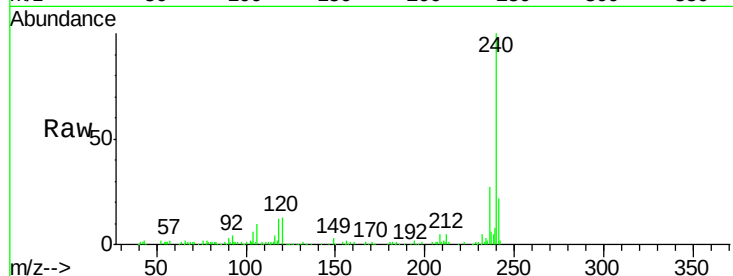
Tot Ion:240 Resp: 188204

Ion Ratio Lower Upper

240 100

120 12.7 11.8 17.8

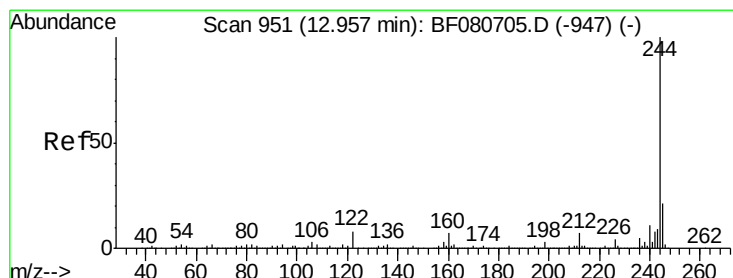
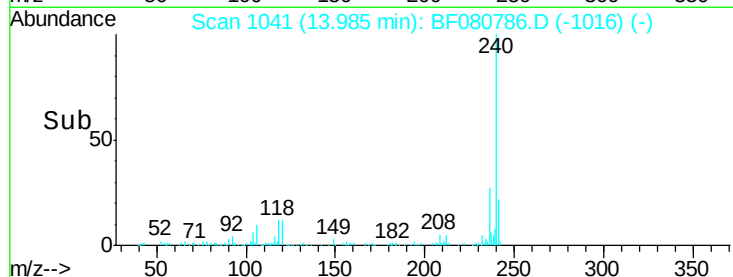
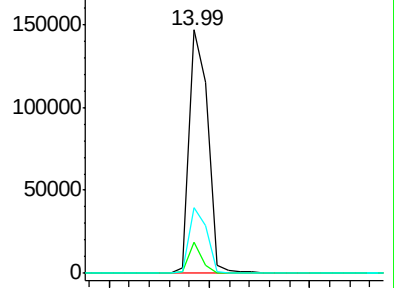
236 26.8 21.8 32.8



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: 55.06 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080786.D

Acq: 1 Aug 2015 17:59

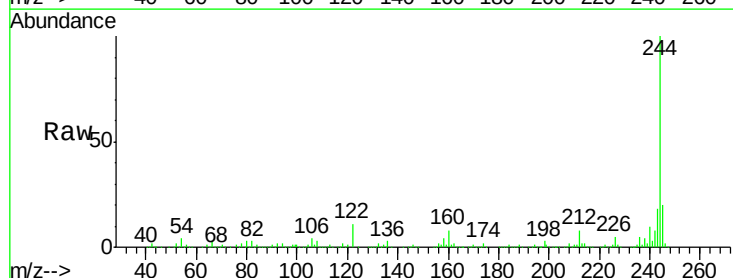
Tgt Ion:244 Resp: 547925

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

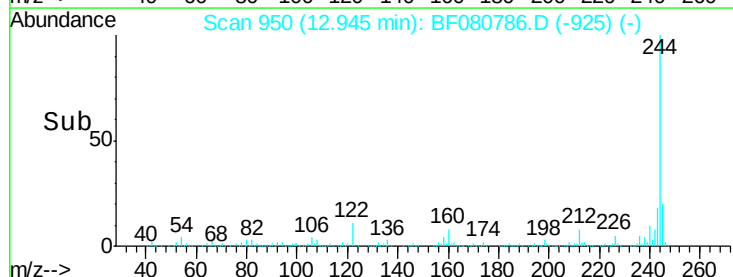
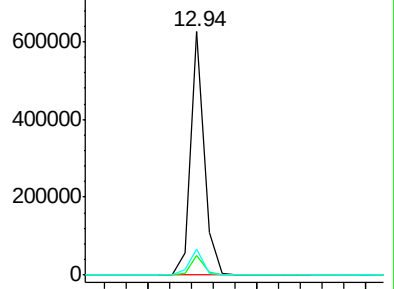
122 10.6 6.6 9.8#

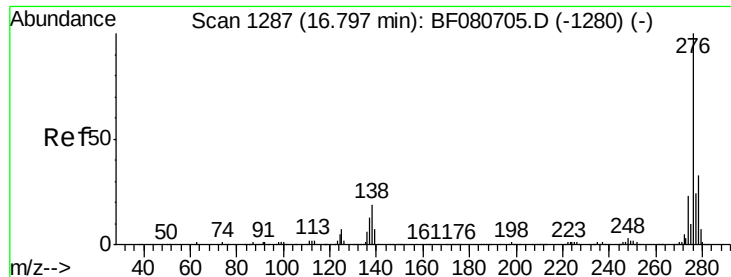


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

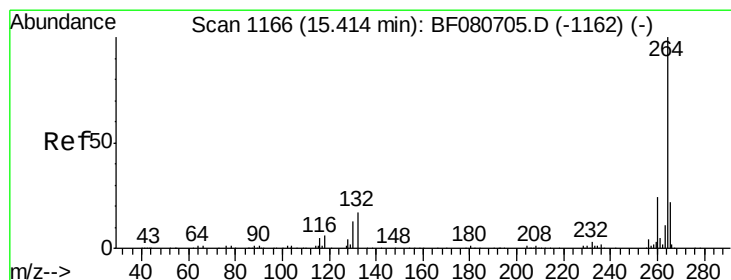
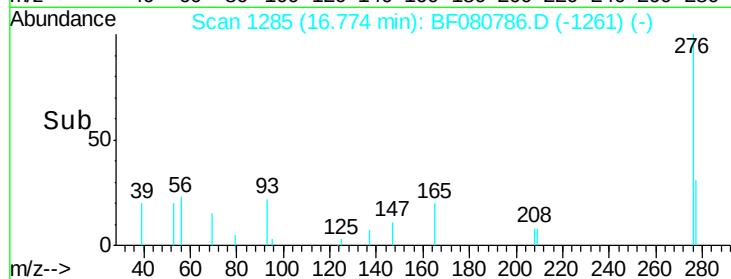
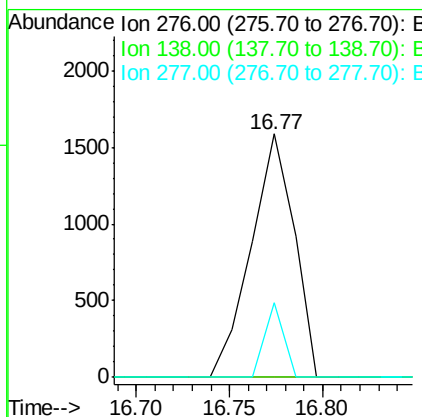
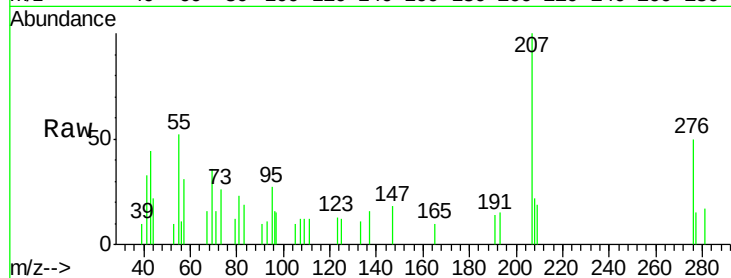




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.86 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF080786.D
 Acq: 1 Aug 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-7(0-2)

Tot Ion:276 Resp: 2541
 Ion Ratio Lower Upper
 276 100
 138 0.0 13.2 19.8#
 277 13.2 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: BF080786.D
 Acq: 1 Aug 2015 17:59

Tgt Ion:264 Resp: 219710
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.0
 265 22.2 17.3 25.9

