

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080796.D
 Acq On : 1 Aug 2015 23:08
 Operator : TP/UM
 Sample : G3125-13
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-1(0-2)

Quant Time: Aug 03 03:51:36 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	116071	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	383887	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	147943	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	210599	20.00	ng	0.00
75) Chrysene-d12	14.00	240	347573	20.00	ng	0.00
86) Perylene-d12	15.41	264	325070	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	732498	108.26	ng	0.01
7) Phenol-d6	6.48	99	865232	93.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	563816	71.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	121876	79.39	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	817445	82.43	ng	-0.01
78) Terphenyl-d14	12.95	244	641896	34.93	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	1247	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	75996	12.25	ng	72
25) Isophorone	7.41	82	559383	39.68	ng	71
27) 2,4-Dimethylphenol	7.84	122	12155	2.01	ng	1
32) Benzoic acid	7.84	122	12155	3.16	ng	81
49) Dimethylphthalate	9.61	163	251647	24.14	ng	98
56) 2,4-Dinitrotoluene	9.88	165	18668	6.43	ng	16
66) 4-Bromophenyl-phenylether	10.67	248	8224	3.78	ng	1
85) Indeno(1,2,3-cd)pyrene	16.79	276	5099	2.88	ng	58

(#) = 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: BF080796.D

Acq: 1 Aug 2015 23:08

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WEST-ABUT-1(0-2)

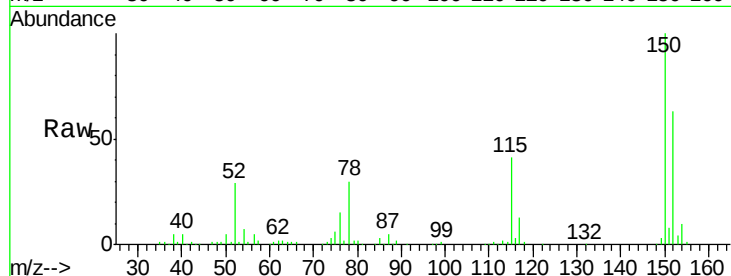
Tot Ion:152 Resp: 116071

Ion Ratio Lower Upper

152 100

150 158.3 129.6 194.4

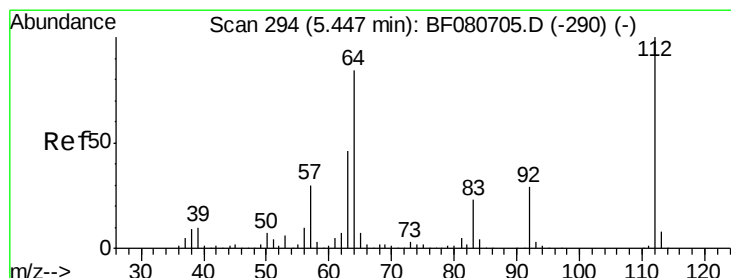
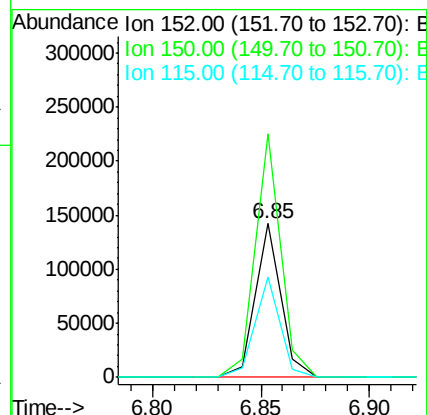
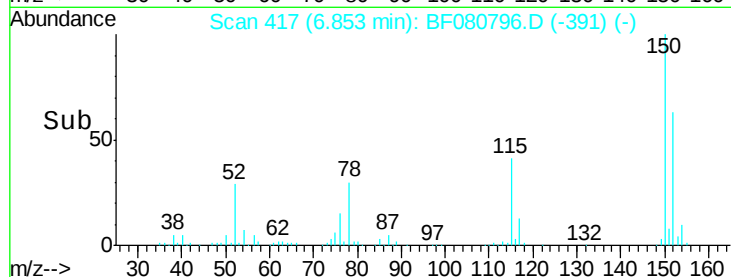
115 65.2 56.6 85.0



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: 108.26 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

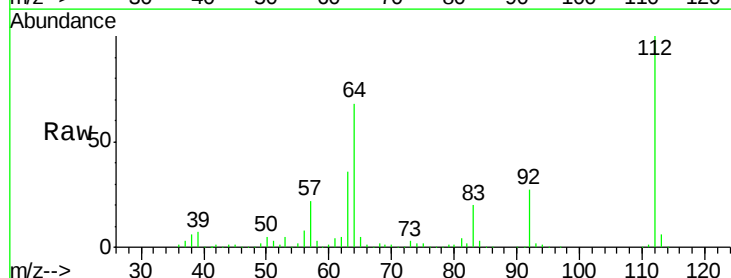
Tgt Ion:112 Resp: 732498

Ion Ratio Lower Upper

112 100

64 68.2 66.8 100.2

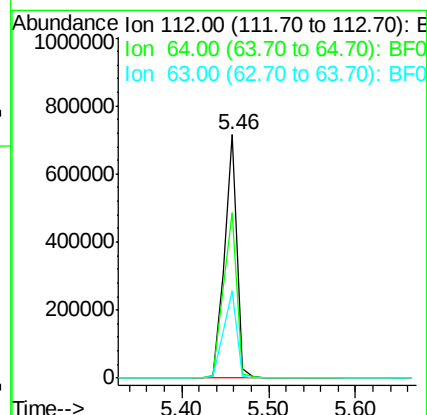
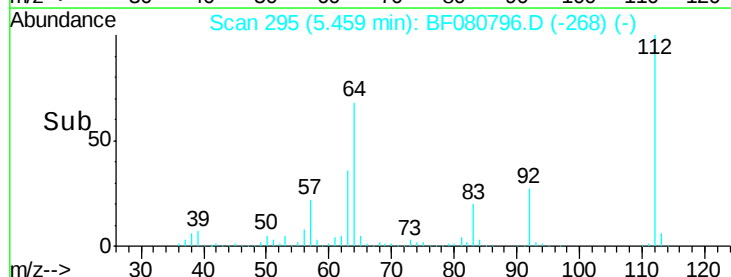
63 36.0 36.7 55.1#

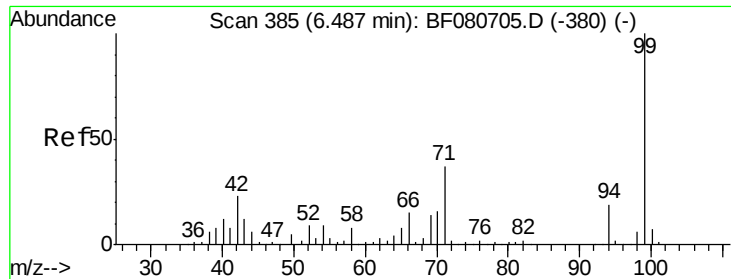


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-1(0-2)

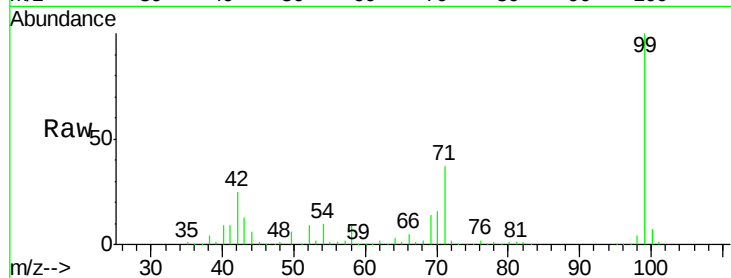
Tot Ion: 99 Resp: 865232

Ion Ratio Lower Upper

99 100

42 25.4 18.2 27.2

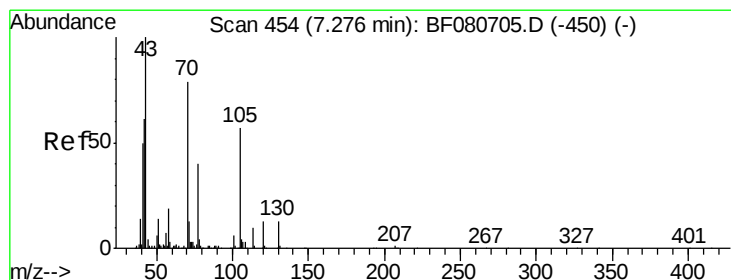
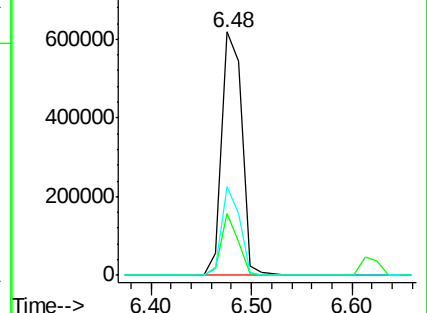
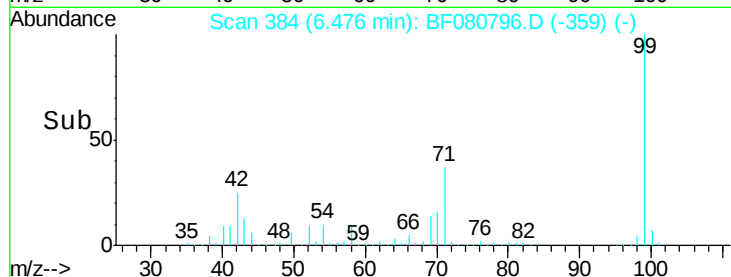
71 36.7 29.5 44.3



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: 12.25 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

Tgt Ion: 70 Resp: 75996

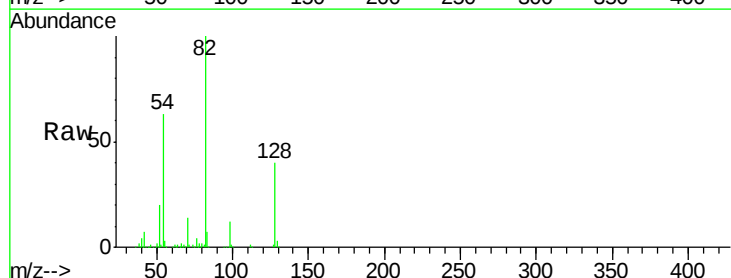
Ion Ratio Lower Upper

70 100

42 53.9 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

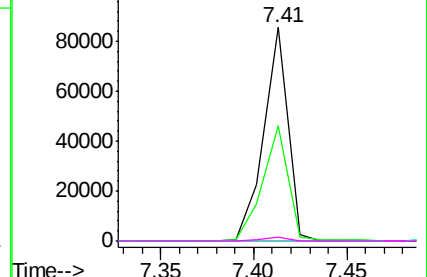
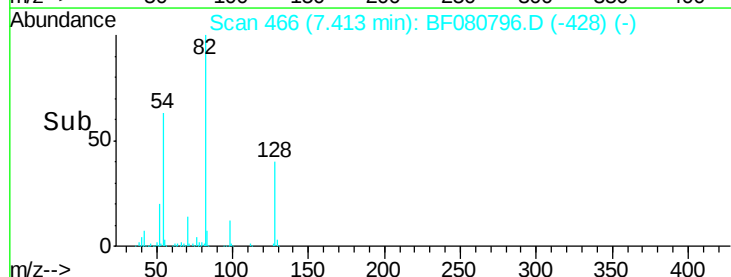


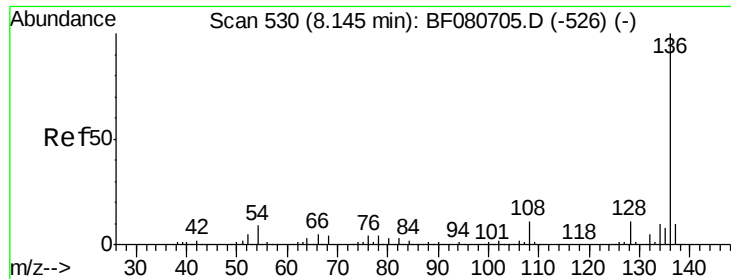
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

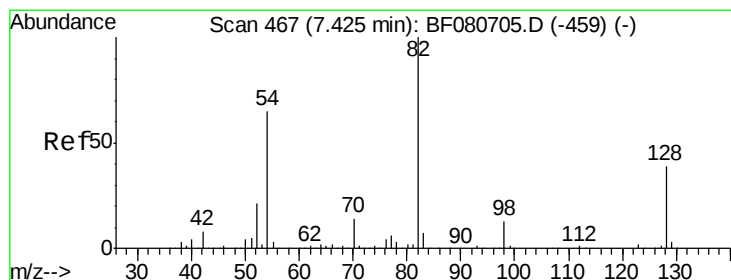
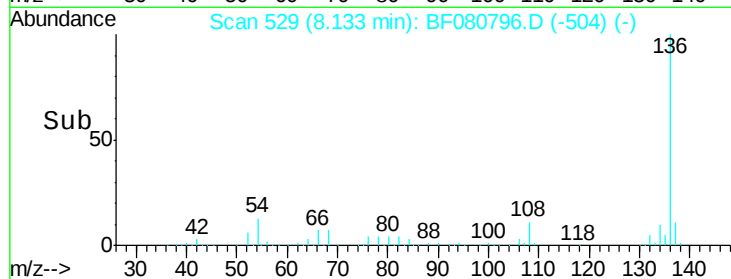
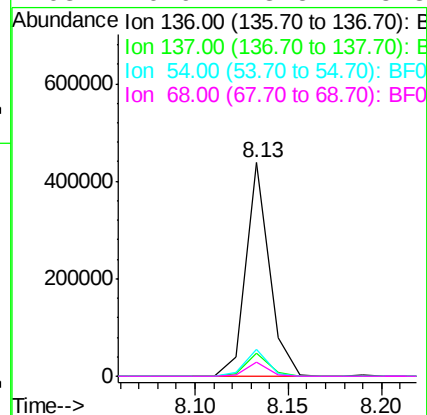
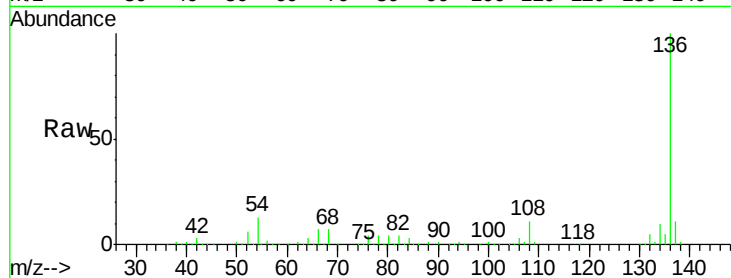




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

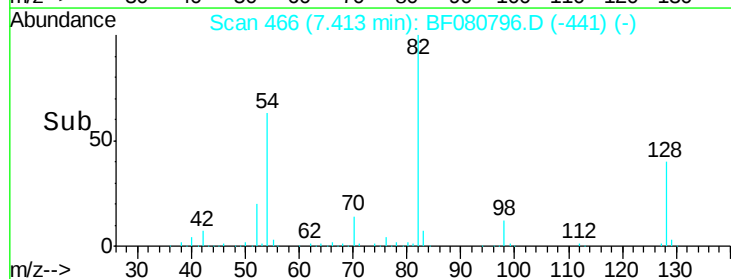
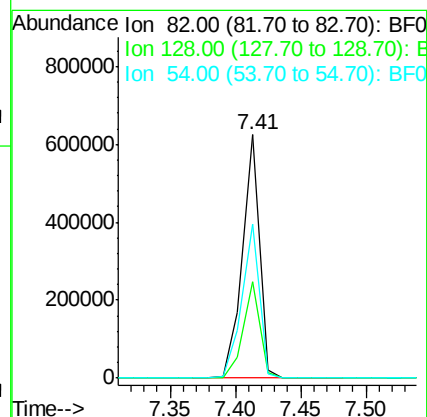
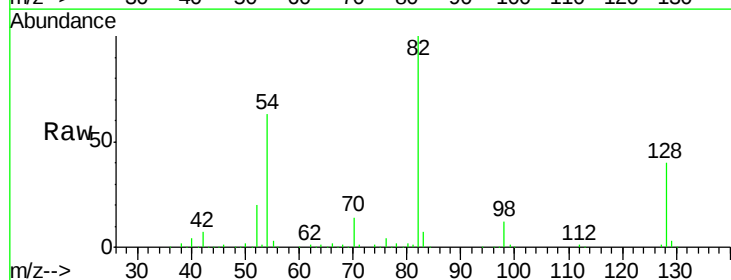
Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-1(0-2)

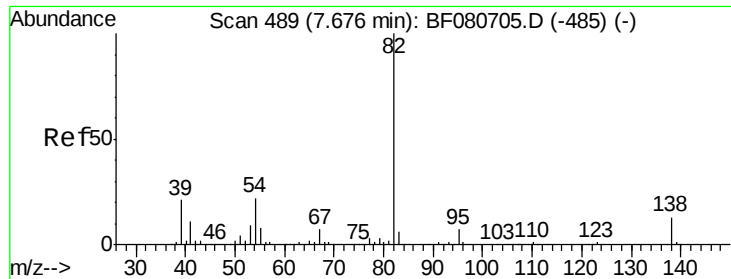
Tot Ion:136	Resp:	383887
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.4 12.6
54	12.8	6.9 10.3#
68	6.9	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 71.12 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

Tgt Ion: 82	Resp:	563816
Ion Ratio	Lower	Upper
82	100	
128	39.6	31.5 47.3
54	63.5	51.8 77.8





#25

Isophorone

Concen: 39.68 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-1(0-2)

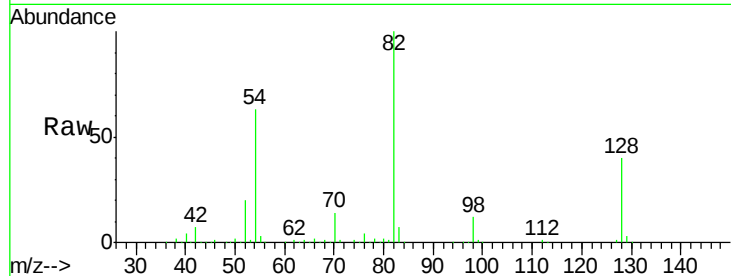
Tot Ion: 82 Resp: 559383

Ion Ratio Lower Upper

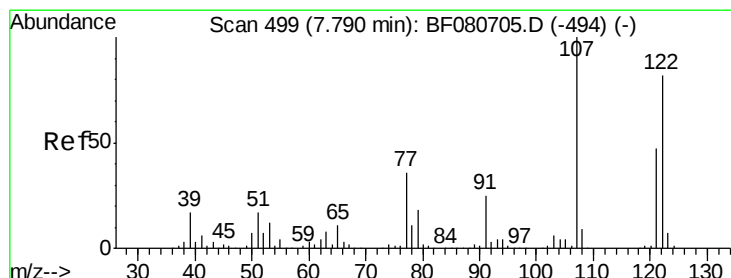
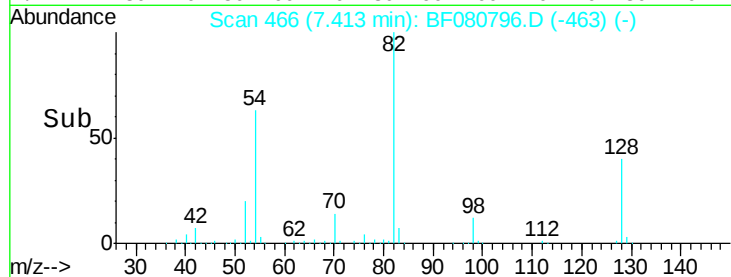
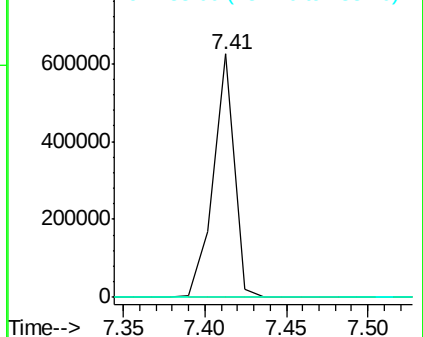
82 100

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): BF0



#27

2,4-Dimethylphenol

Concen: 2.01 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.05 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

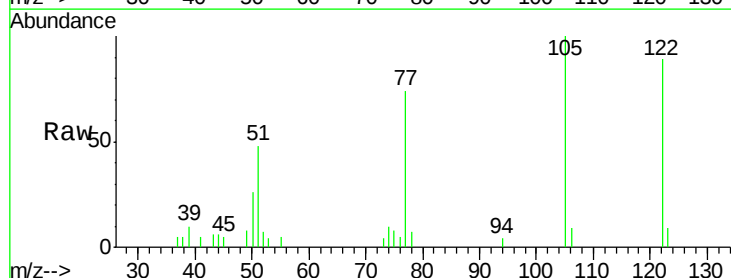
Tgt Ion:122 Resp: 12155

Ion Ratio Lower Upper

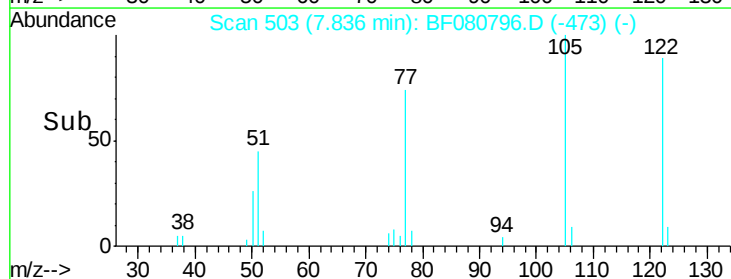
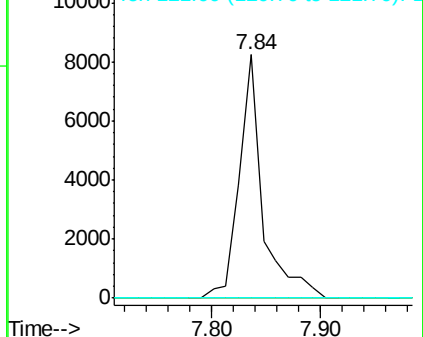
122 100

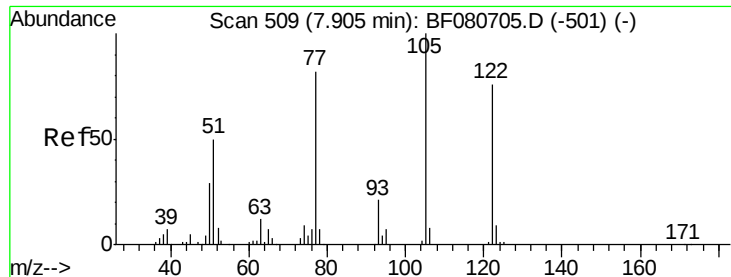
107 0.0 98.1 147.1#

121 0.0 45.8 68.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

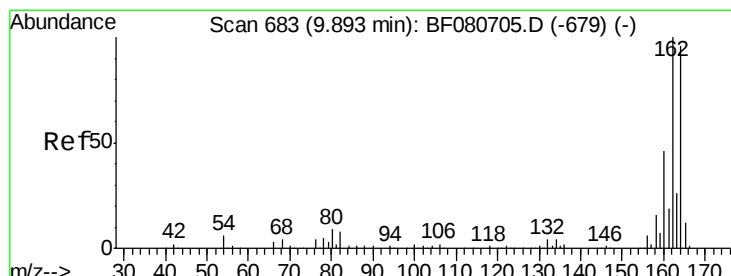
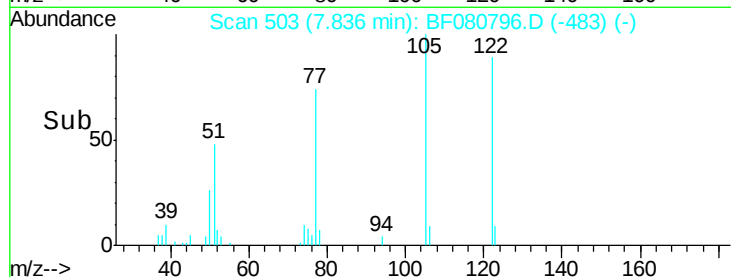
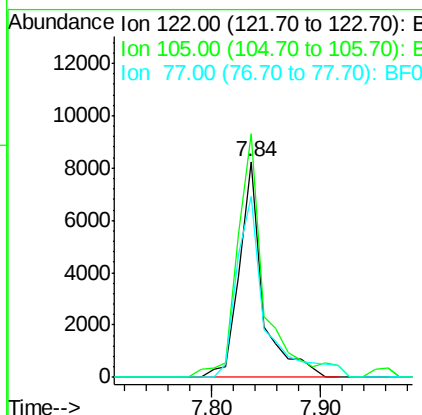
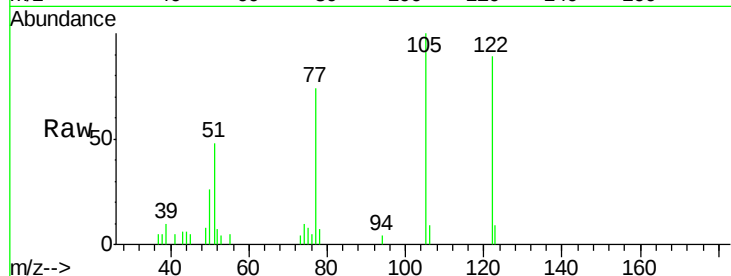




#32
Benzoic acid
Concen: 3.16 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.07 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

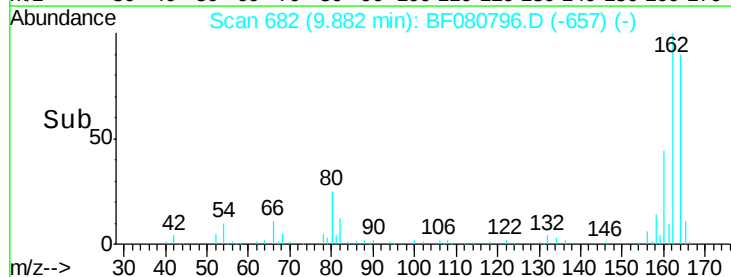
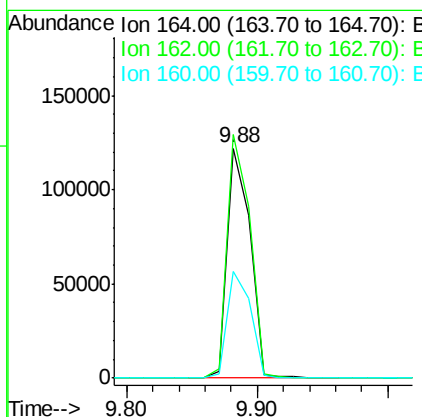
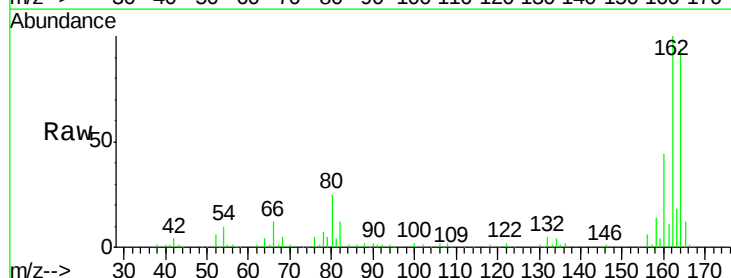
Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-1(0-2)

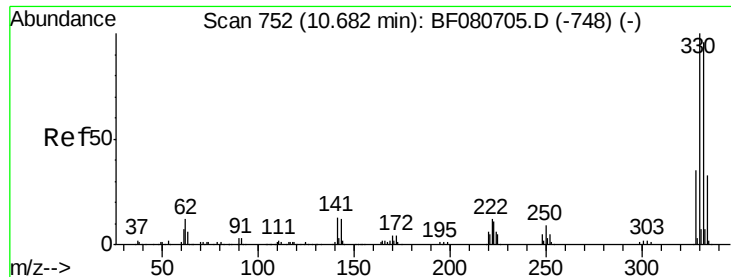
Tot Ion:122 Resp: 12155
Ion Ratio Lower Upper
122 100
105 112.9 111.3 151.3
77 83.9 88.1 128.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

Tgt Ion:164 Resp: 147943
Ion Ratio Lower Upper
164 100
162 105.8 83.4 125.0
160 46.1 38.0 57.0

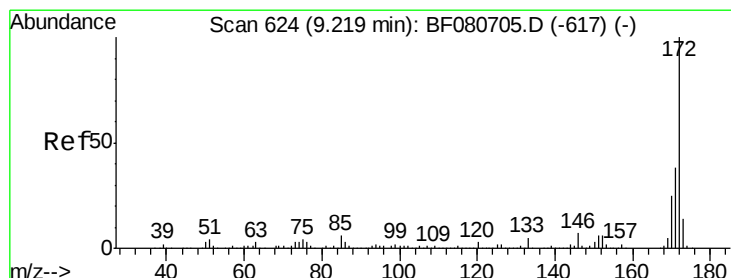
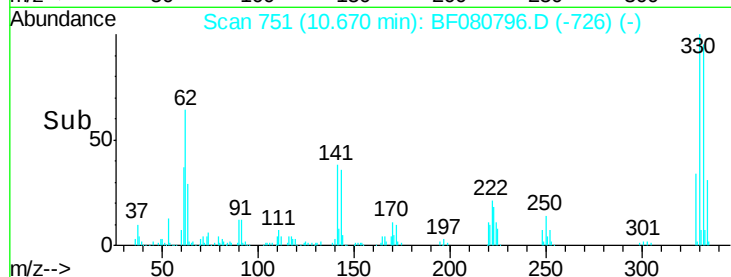
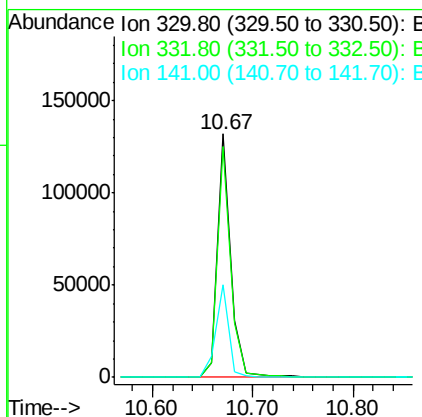
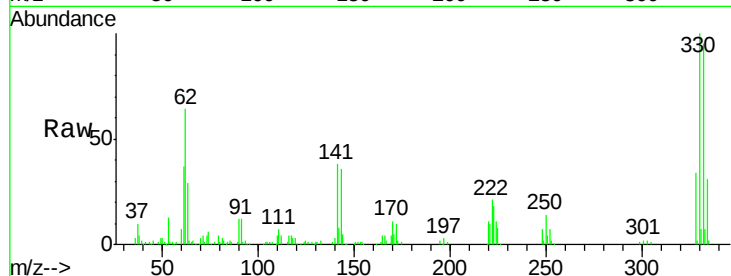




#41
 2,4,6-Tribromophenol
 Concen: 79.39 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

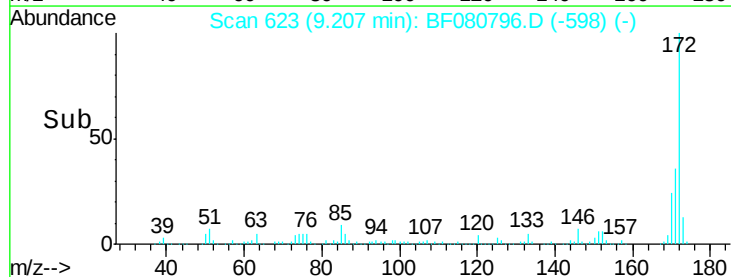
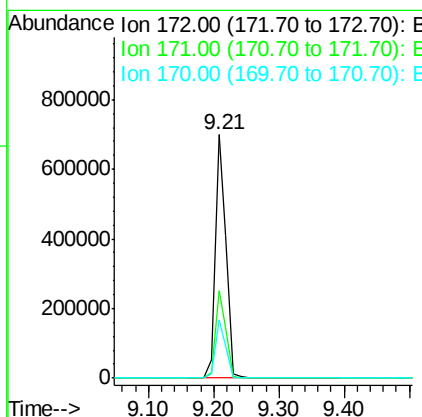
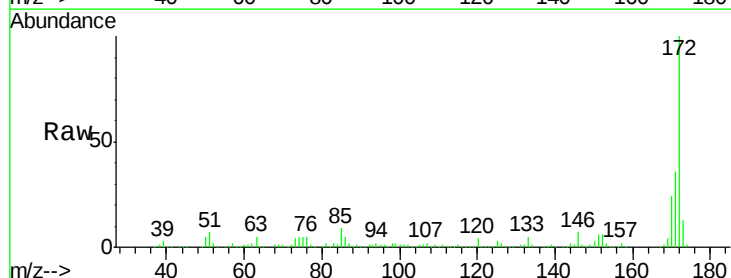
Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-1(0-2)

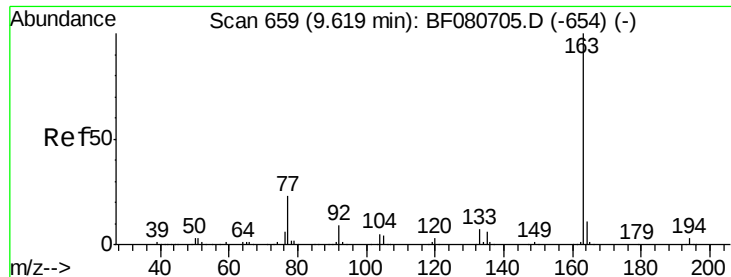
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	37.5	26.0	39.0



#44
 2-Fluorobiphenyl
 Concen: 82.43 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.4
170	24.1	20.2	30.2

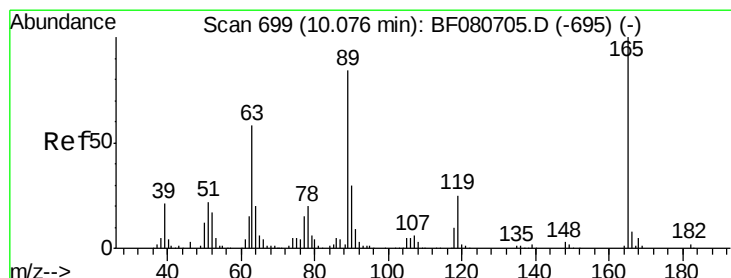
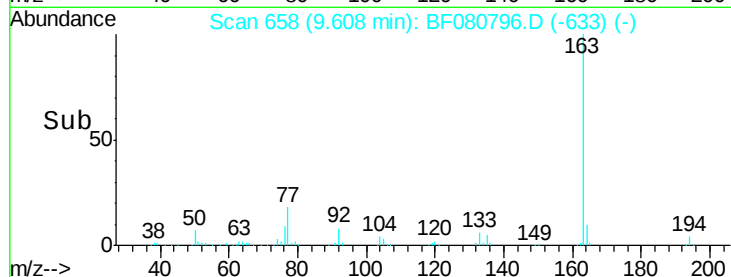
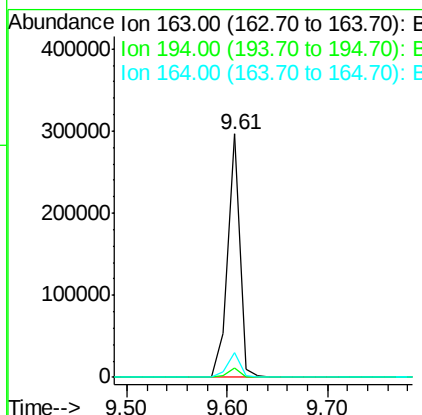
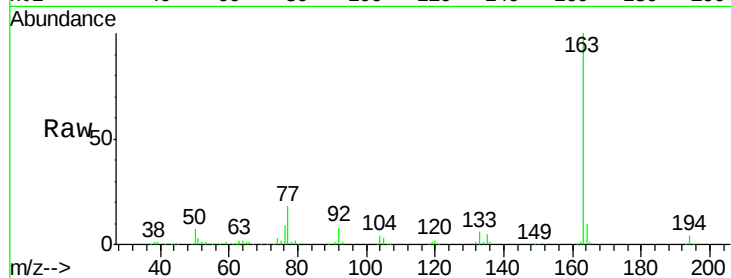




#49
Dimethylphthalate
Concen: 24.14 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

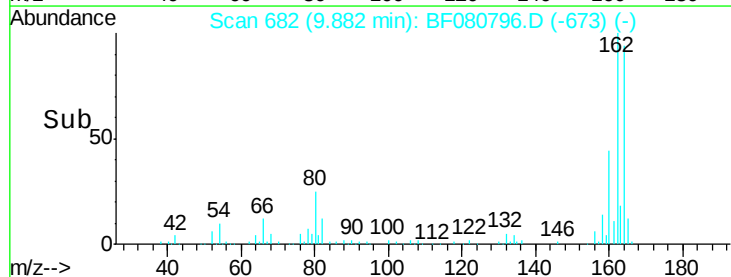
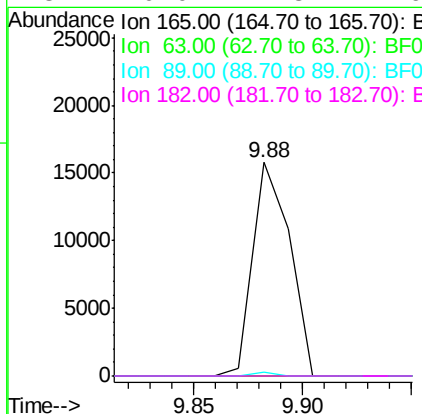
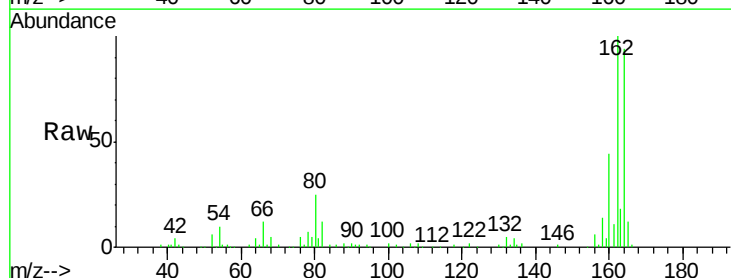
Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-1(0-2)

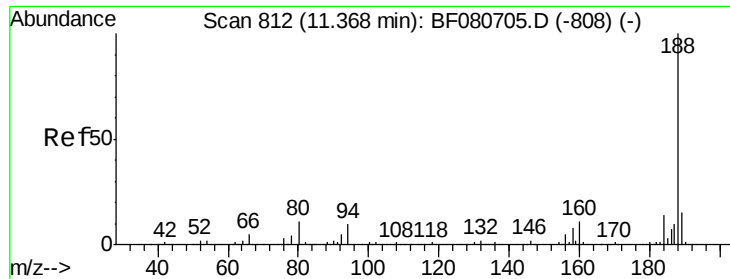
Tot Ion:163 Resp: 251647
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080796.D
Acq: 1 Aug 2015 23:08

Tgt Ion:165 Resp: 18668
Ion Ratio Lower Upper
165 100
63 0.0 46.7 70.1#
89 2.0 67.4 101.2#
182 0.0 1.8 2.6#

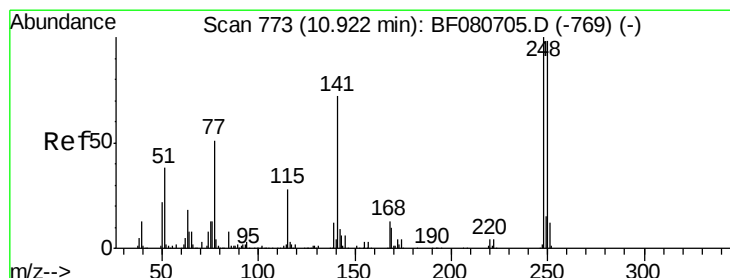
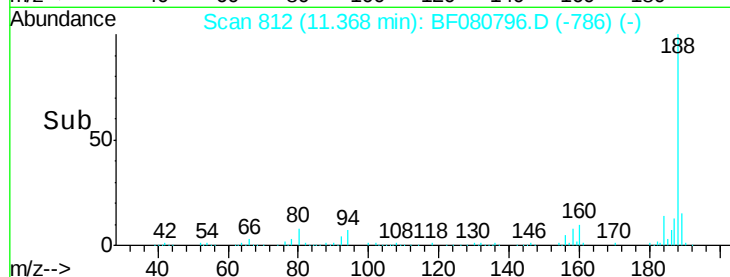
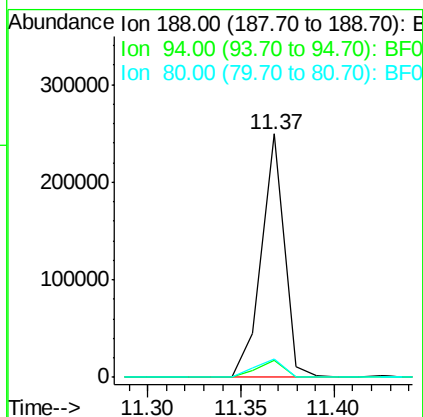
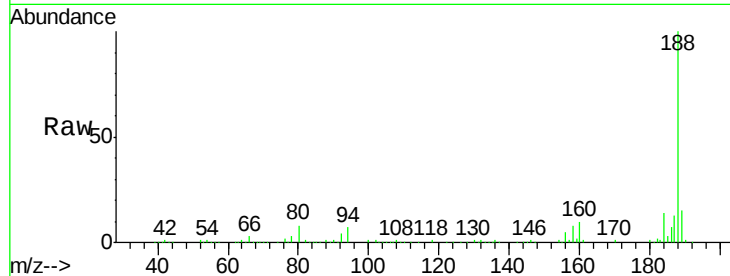




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

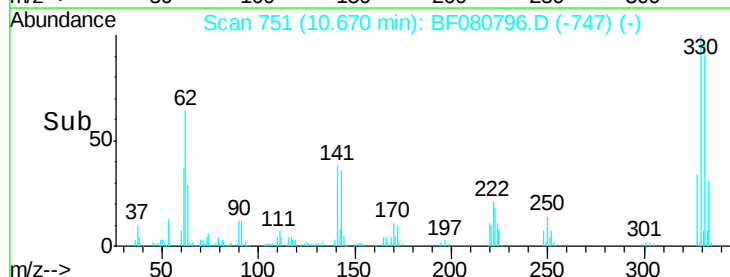
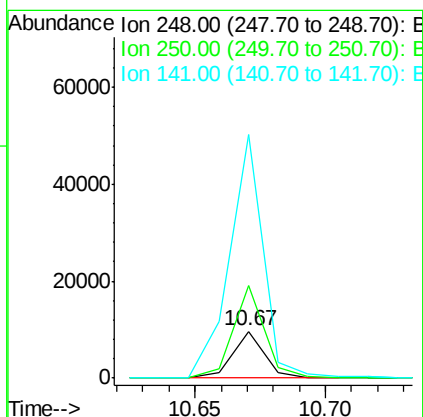
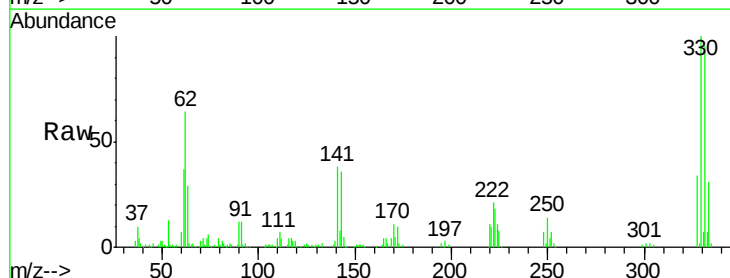
Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-1(0-2)

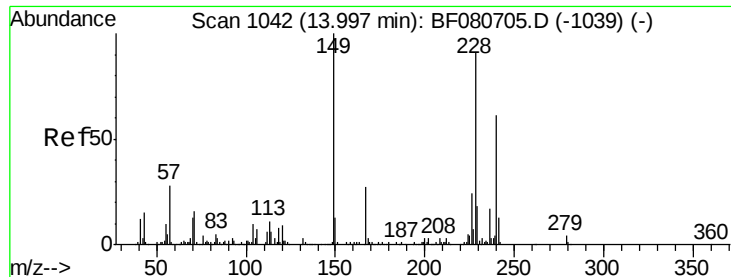
Tot Ion:188 Resp: 210599
 Ion Ratio Lower Upper
 188 100
 94 7.2 8.1 12.1#
 80 7.8 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

Tgt Ion:248 Resp: 8224
 Ion Ratio Lower Upper
 248 100
 250 195.9 78.4 117.6#
 141 517.9 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-1(0-2)

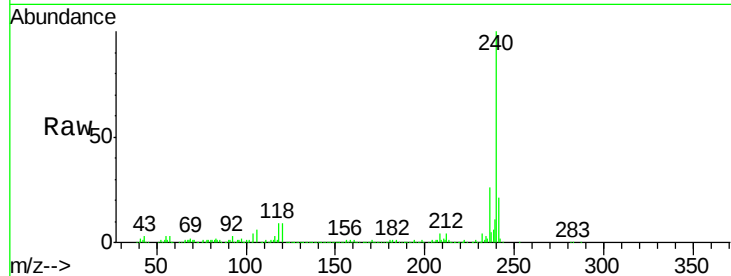
Tot Ion:240 Resp: 347573

Ion Ratio Lower Upper

240 100

120 9.1 11.8 17.8#

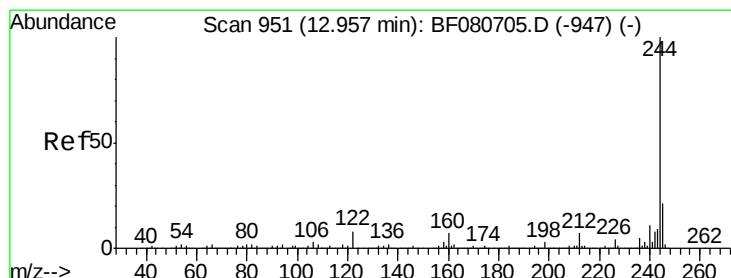
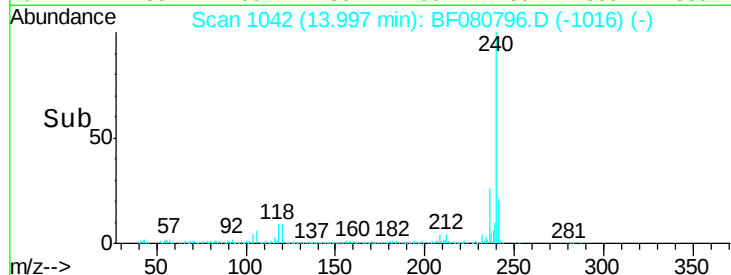
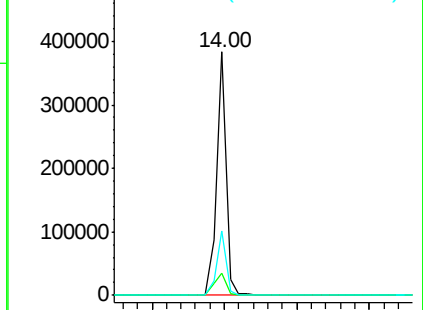
236 26.3 21.8 32.8



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: 34.93 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080796.D

Acq: 1 Aug 2015 23:08

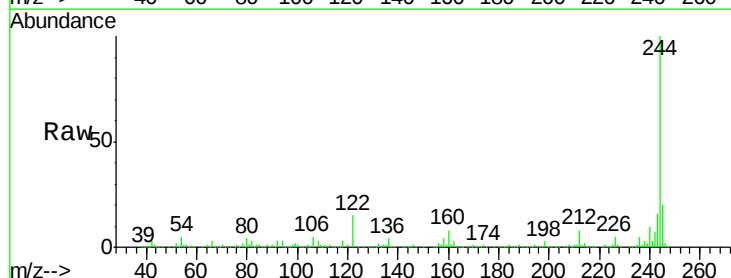
Tgt Ion:244 Resp: 641896

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

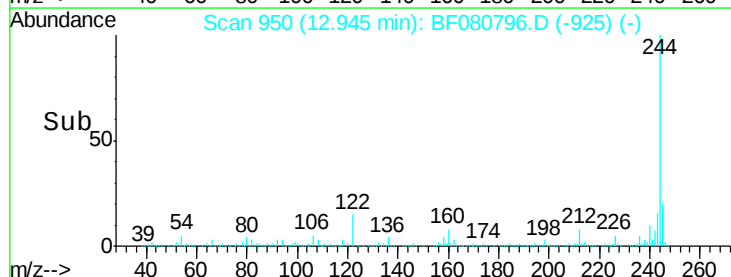
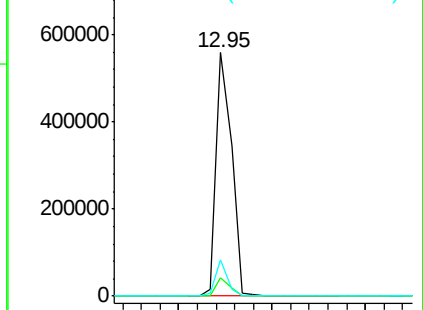
122 14.7 6.6 9.8#

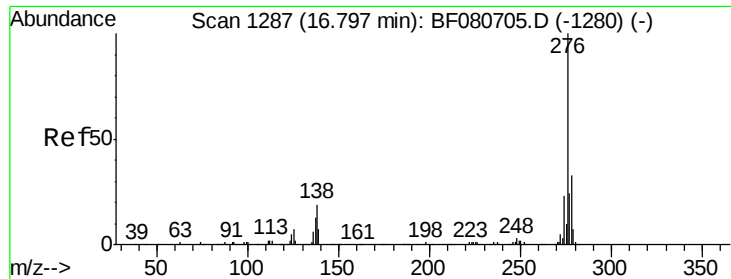


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

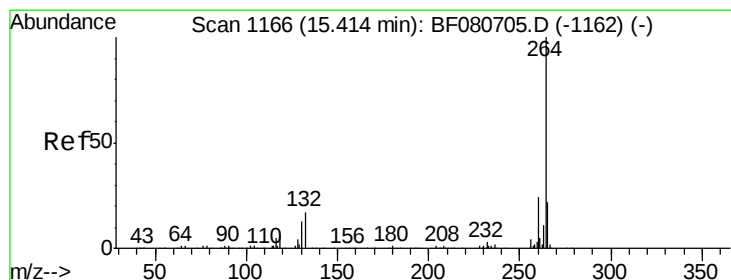
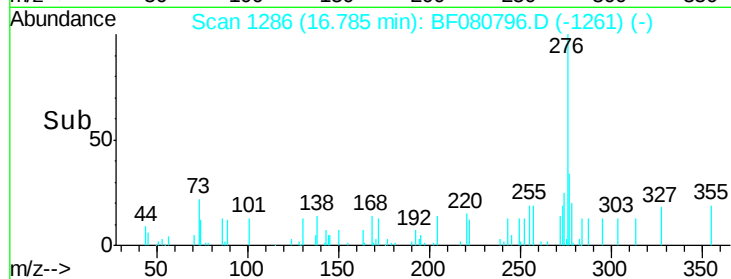
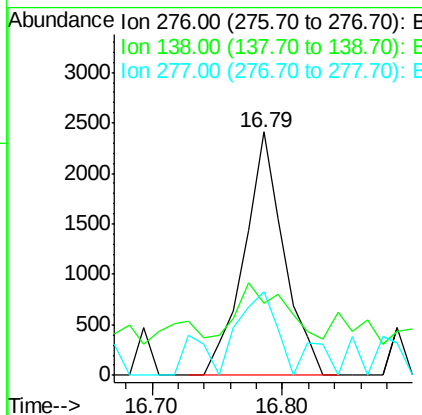
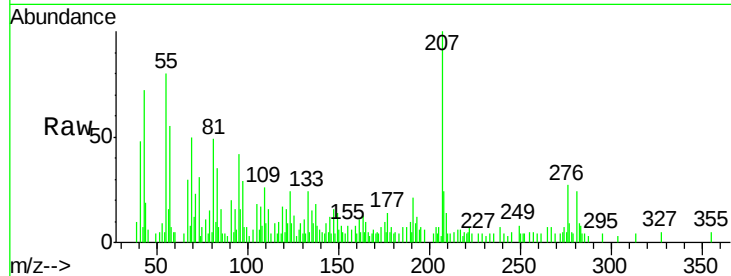




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.88 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-1(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.1	13.2	19.8#
277	32.5	15.4	23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080796.D
 Acq: 1 Aug 2015 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.8	17.3	25.9

