

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080783.D
 Acq On : 1 Aug 2015 16:26
 Operator : TP/UM
 Sample : G3125-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-4(0-2)

Quant Time: Aug 03 03:47:54 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

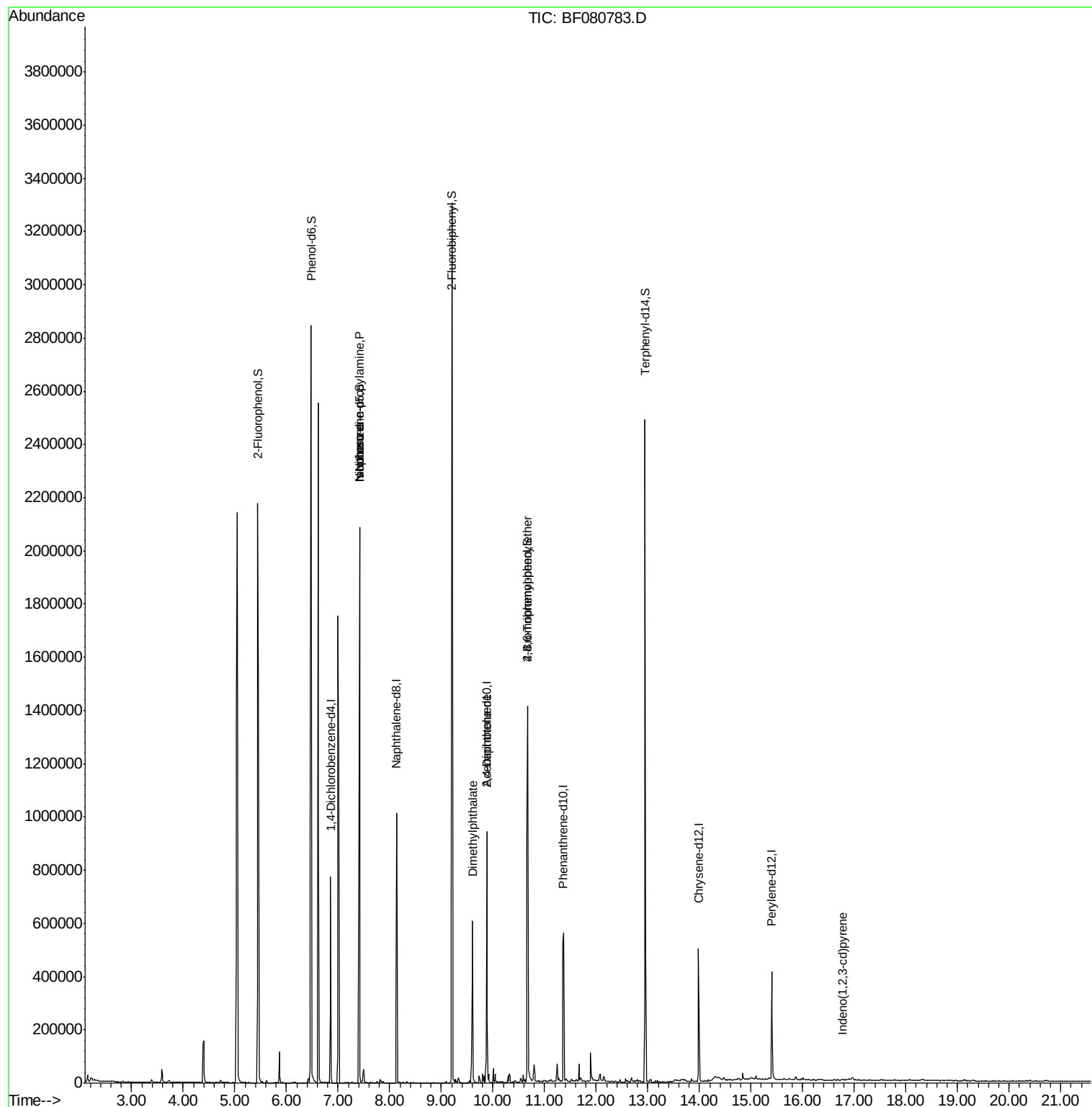
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106664	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400616	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	176249	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	297881	20.00	ng	0.00
75) Chrysene-d12	13.99	240	192400	20.00	ng	-0.01
86) Perylene-d12	15.40	264	210429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	677085	108.90	ng	0.00
7) Phenol-d6	6.48	99	883521	104.38	ng	-0.01
23) Nitrobenzene-d5	7.41	82	693127	83.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	205122	112.16	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	997187	84.41	ng	-0.01
78) Terphenyl-d14	12.95	244	719337	70.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1371	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	95209	16.70	ng	# 72
25) Isophorone	7.41	82	678764	46.14	ng	# 71
49) Dimethylphthalate	9.61	163	317388	25.55	ng	# 97
56) 2,4-Dinitrotoluene	9.88	165	23709	6.86	ng	# 15
60) 4-Chlorophenyl-phenylether	10.59	204	438	Below Cal	#	21
66) 4-Bromophenyl-phenylether	10.67	248	12812	4.17	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.77	276	2337	2.84	ng	# 83

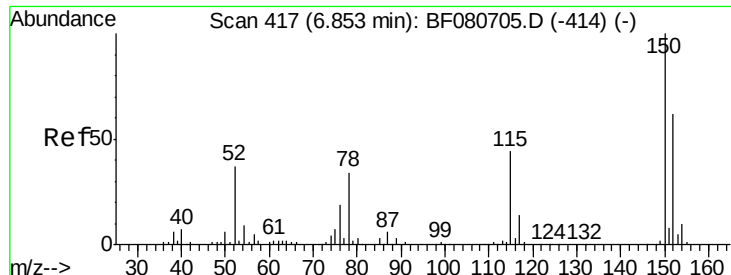
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
Data File : BF080783.D
Acq On : 1 Aug 2015 16:26
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Sample : G3125-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
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WEST-ABUT-4(0-2)

Quant Time: Aug 03 03:47:54 2015
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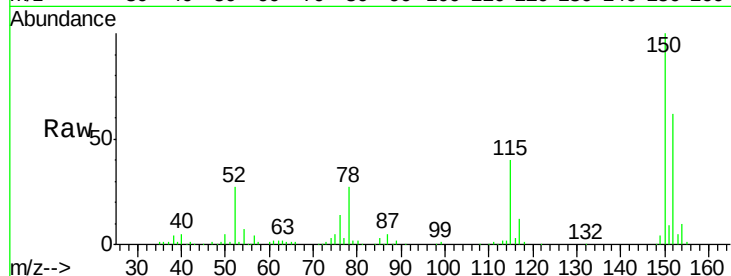


#1

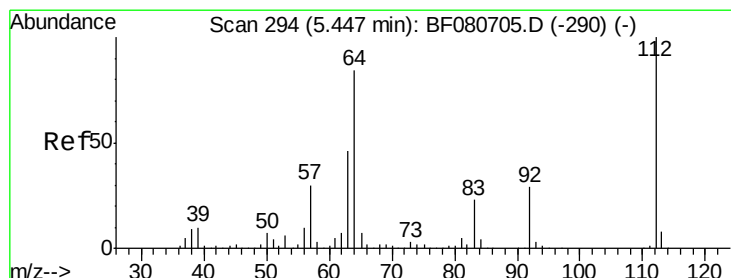
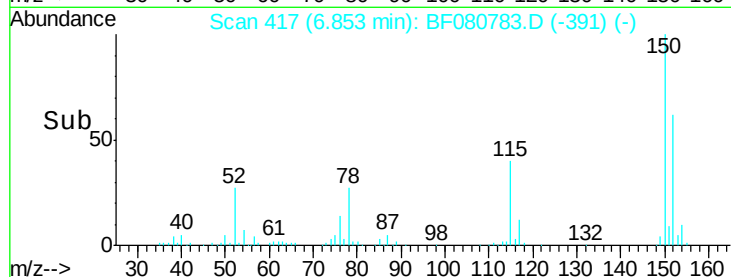
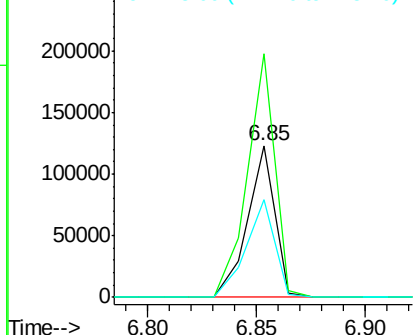
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-4(0-2)

Tot Ion:152 Resp: 106664
Ion Ratio Lower Upper
152 100
150 160.3 129.6 194.4
115 64.1 56.6 85.0



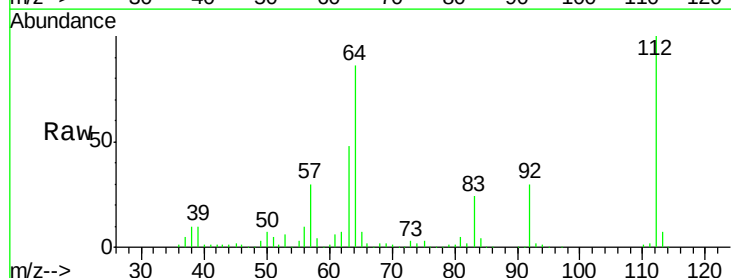
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



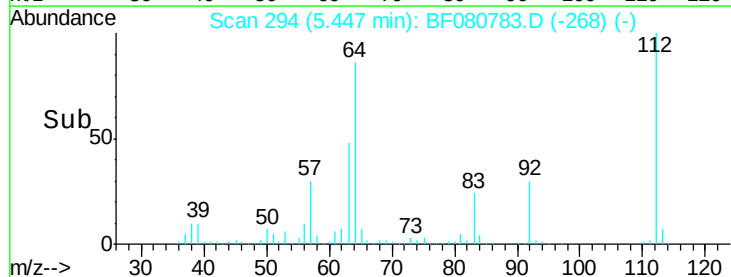
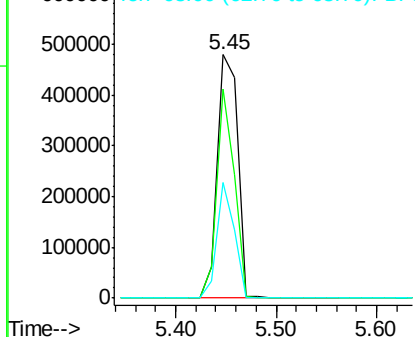
#5

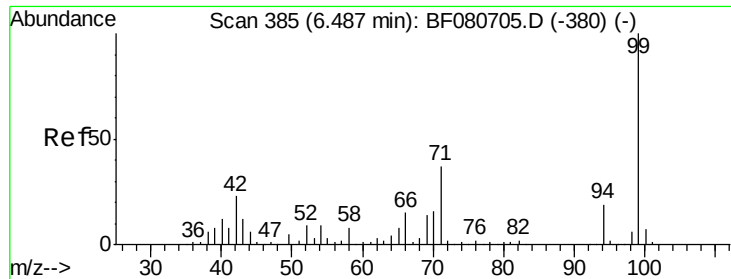
2-Fluorophenol
Concen: 108.90 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Tgt Ion:112 Resp: 677085
Ion Ratio Lower Upper
112 100
64 85.8 66.8 100.2
63 47.7 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: 104.38 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080783.D

Acq: 1 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-4(0-2)

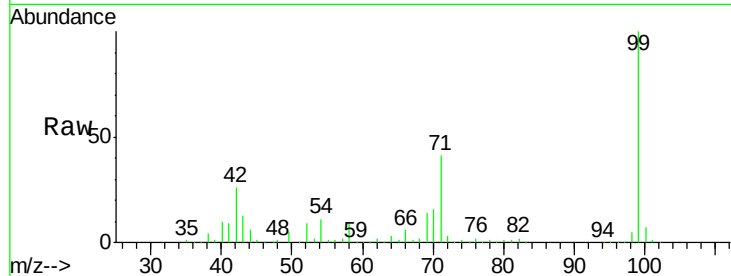
Tot Ion: 99 Resp: 883521

Ion Ratio Lower Upper

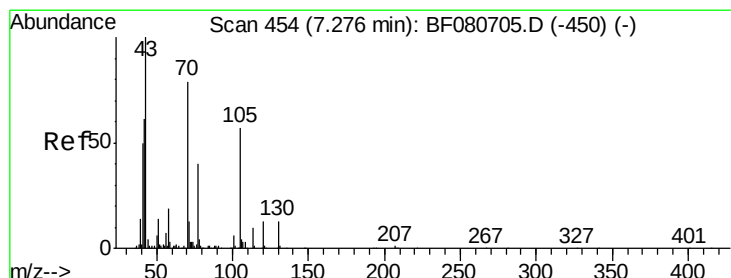
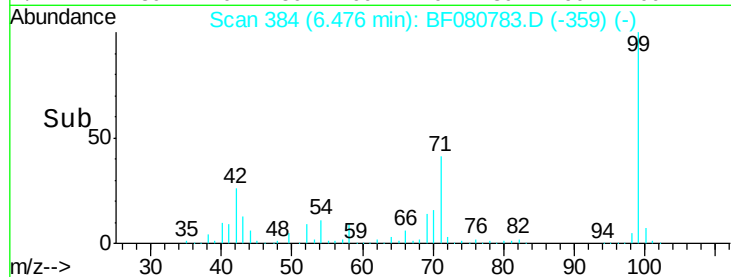
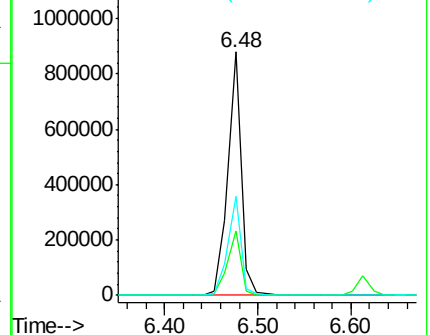
99 100

42 26.4 18.2 27.2

71 40.6 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: 16.70 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080783.D

Acq: 1 Aug 2015 16:26

Tgt Ion: 70 Resp: 95209

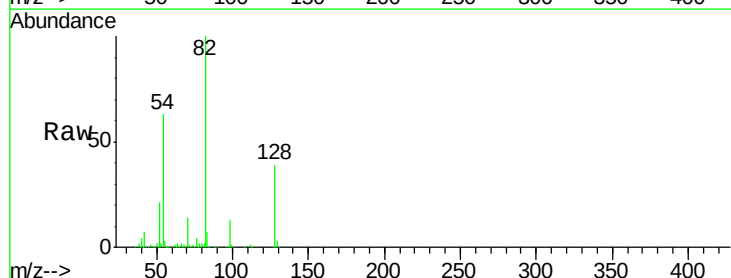
Ion Ratio Lower Upper

70 100

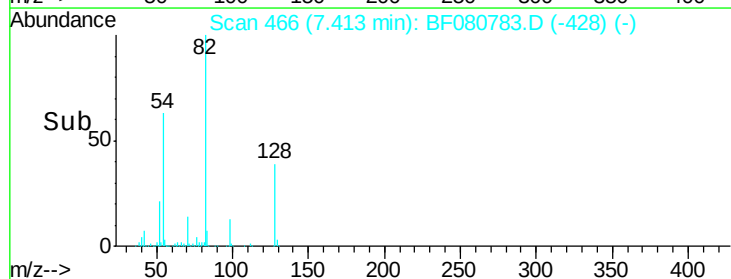
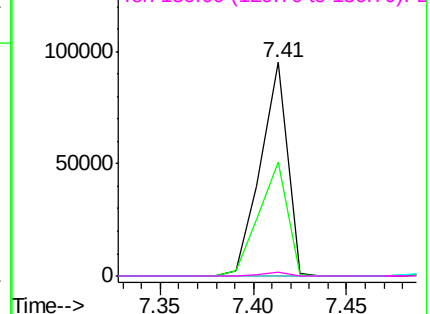
42 53.2 61.8 92.6#

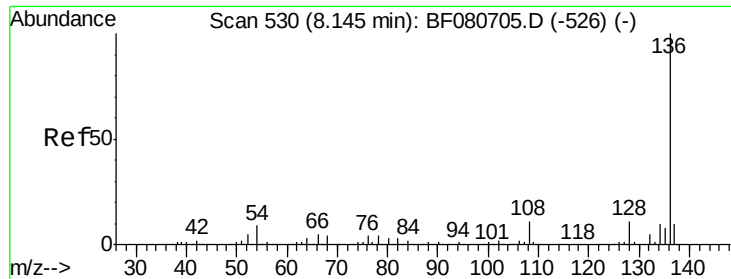
101 0.0 6.1 9.1#

130 1.6 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): E
Ion 130.00 (129.70 to 130.70): E

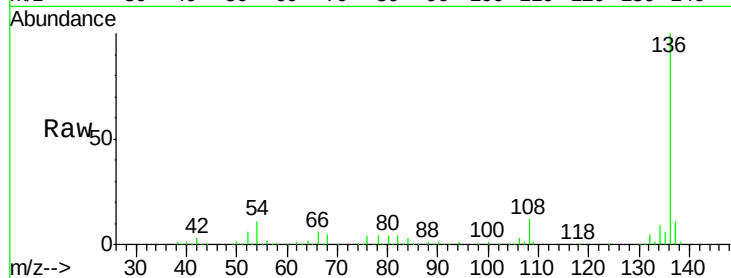




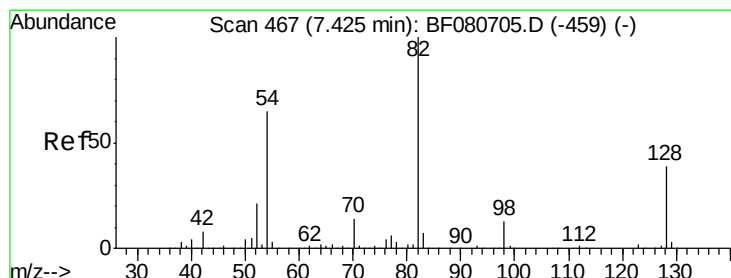
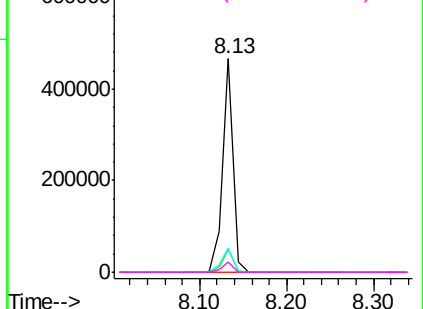
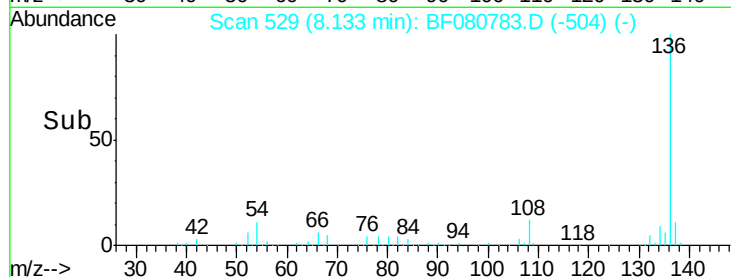
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-4(0-2)

Tot Ion:136	Resp:	400616
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.4 12.6
54	11.3	6.9 10.3#
68	5.1	3.5 5.3

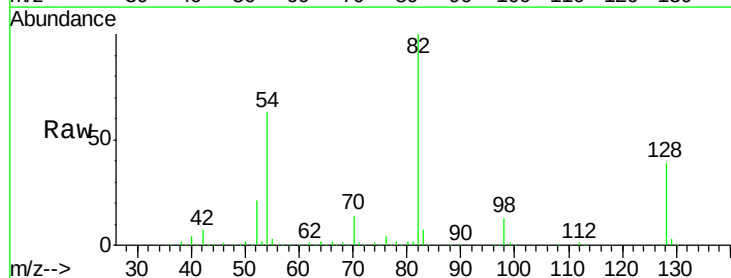


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

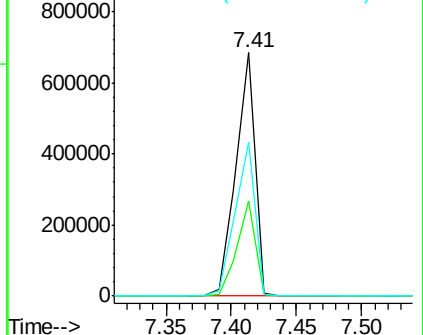
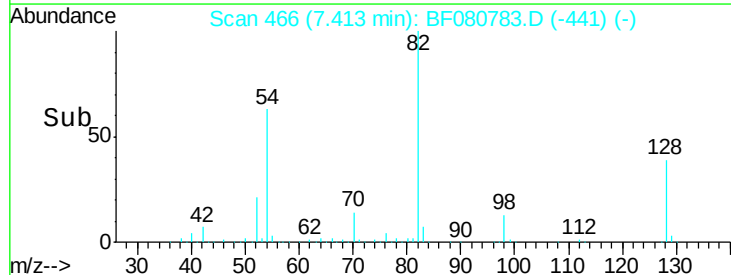


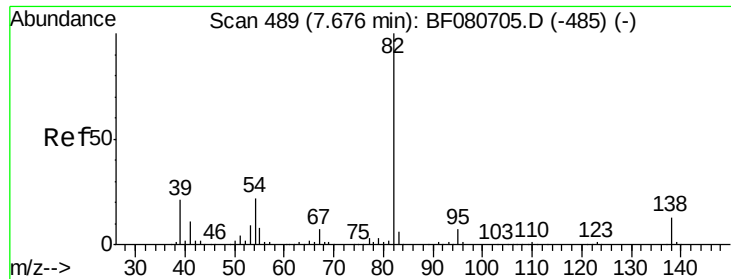
#23
Nitrobenzene-d5
Concen: 83.78 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Tgt Ion: 82	Resp:	693127
Ion Ratio	Lower	Upper
82	100	
128	39.0	31.5 47.3
54	63.4	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: 46.14 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080783.D

Acq: 1 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-4(0-2)

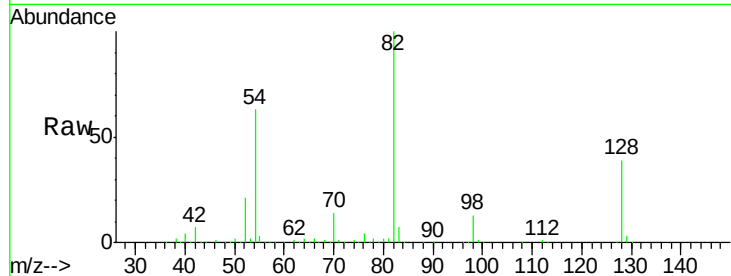
Tot Ion: 82 Resp: 678764

Ion Ratio Lower Upper

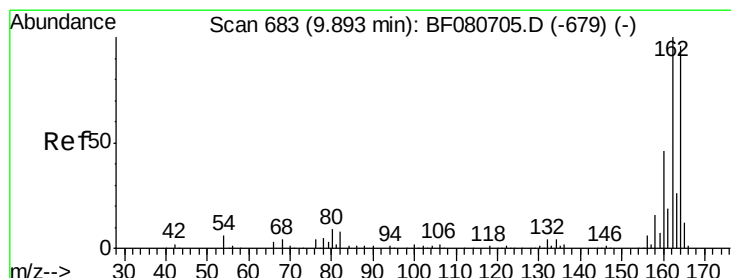
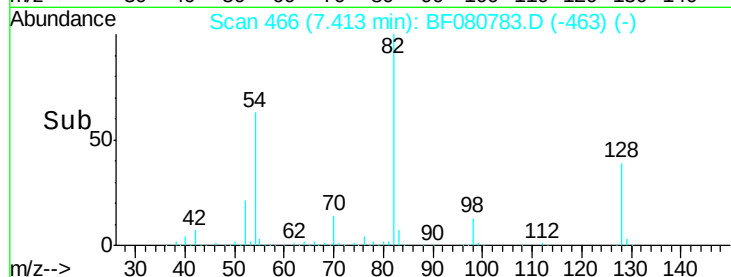
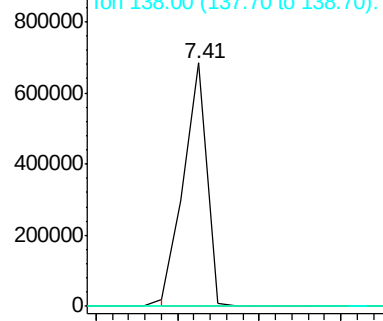
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080783.D

Acq: 1 Aug 2015 16:26

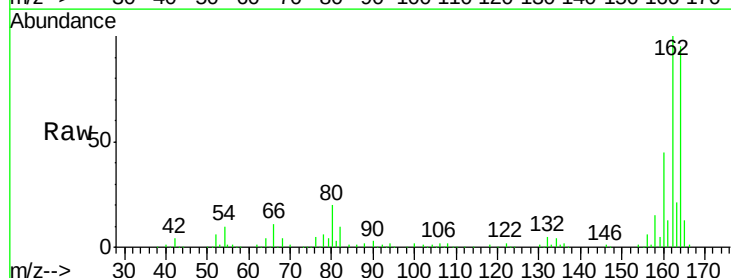
Tgt Ion: 164 Resp: 176249

Ion Ratio Lower Upper

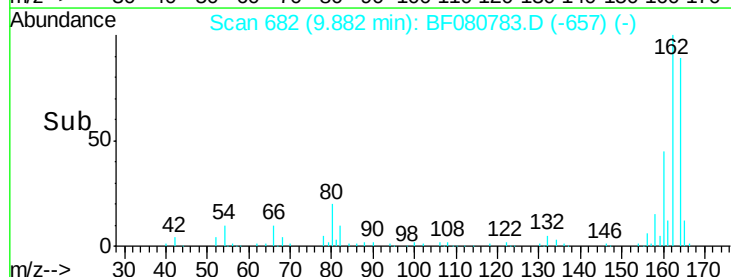
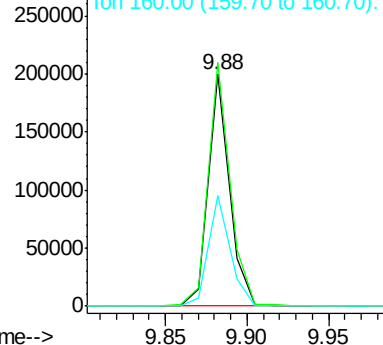
164 100

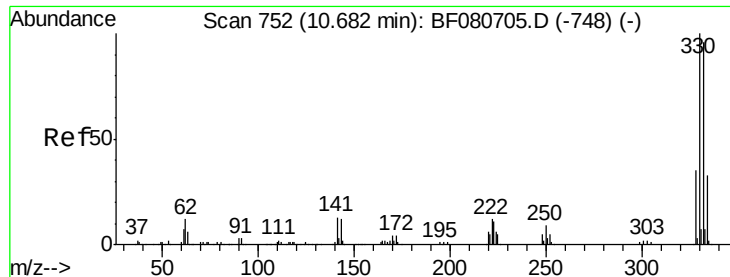
162 105.1 83.4 125.0

160 47.4 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

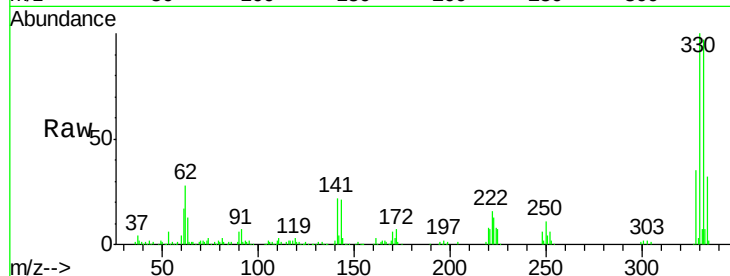




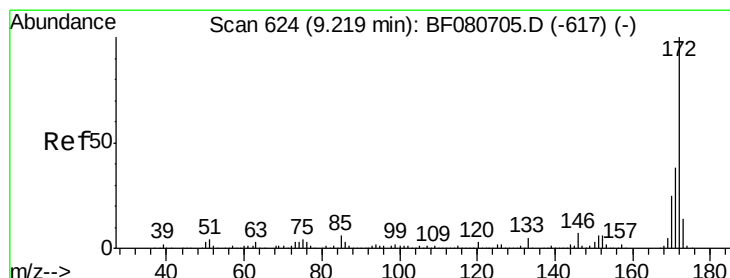
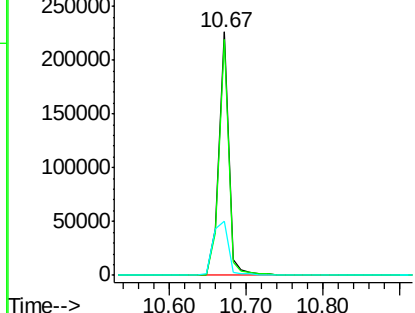
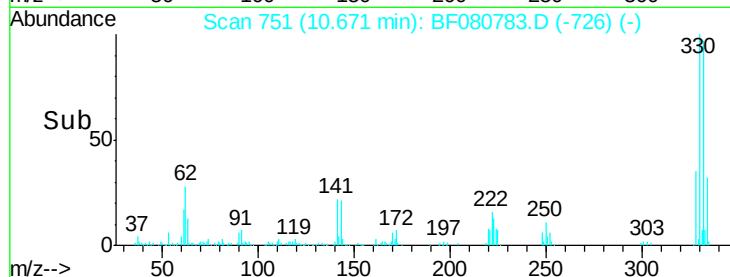
#41
 2,4,6-Tribromophenol
 Concen: 112.16 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080783.D
 Acq: 1 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-4(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	34.1	26.0	39.0

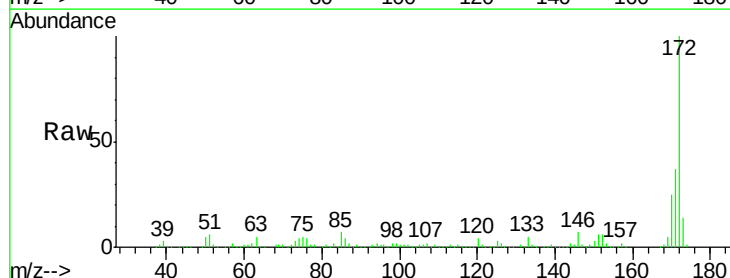


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

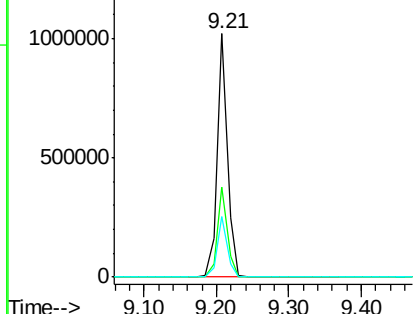
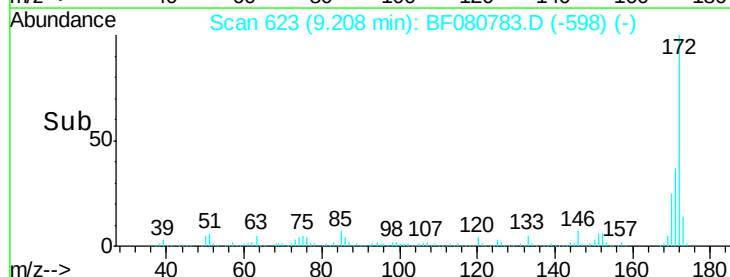


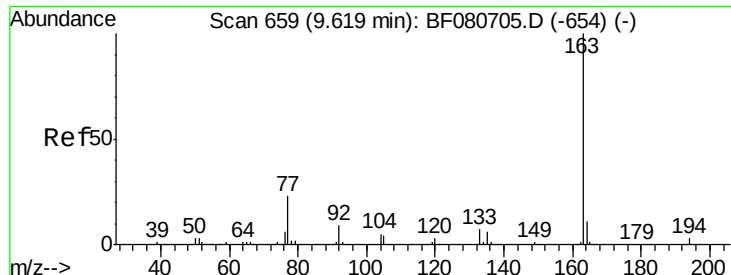
#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080783.D
 Acq: 1 Aug 2015 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.2	45.4
170	25.1	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

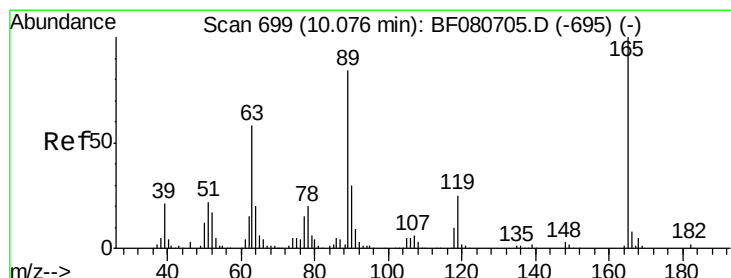
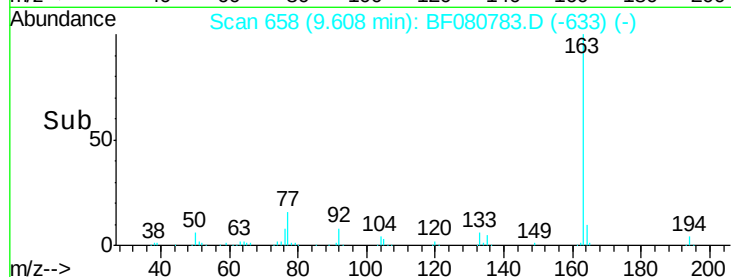
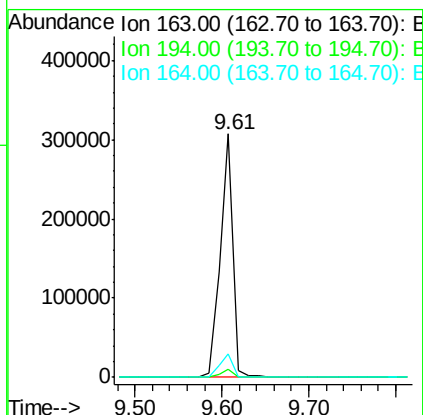
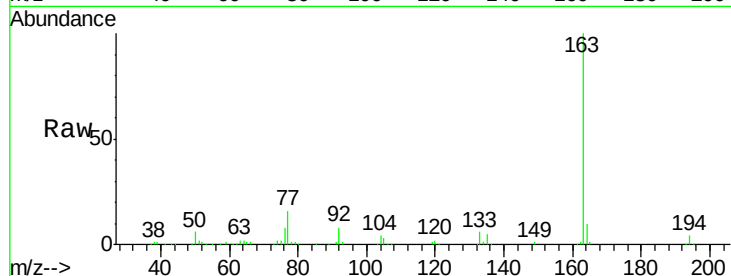




#49
Dimethylphthalate
Concen: 25.55 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

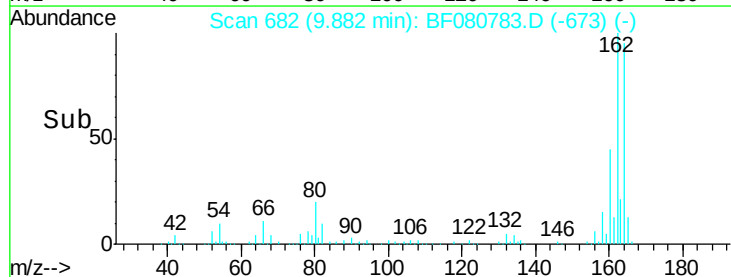
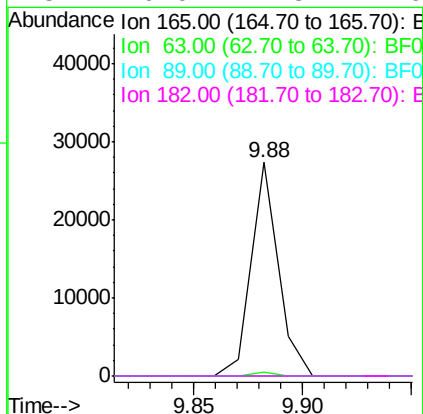
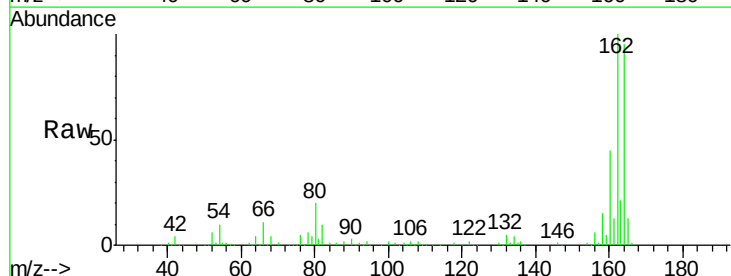
Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-4(0-2)

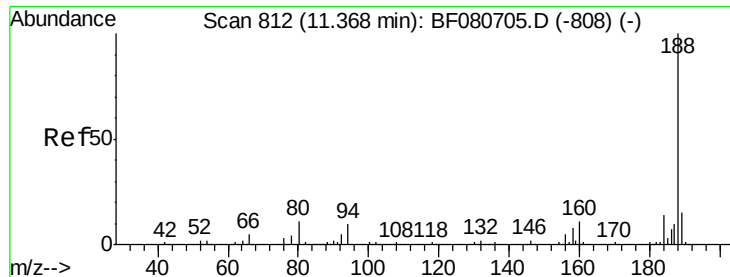
Tot Ion:163 Resp: 317388
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Tgt Ion:165 Resp: 23709
Ion Ratio Lower Upper
165 100
63 1.6 46.7 70.1#
89 0.0 67.4 101.2#
182 0.0 1.8 2.6#

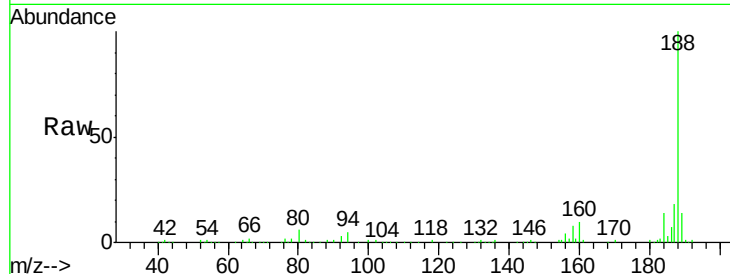




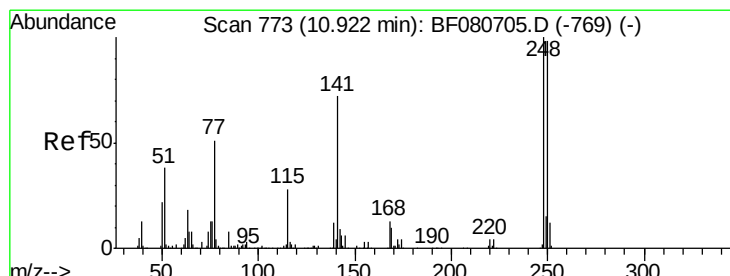
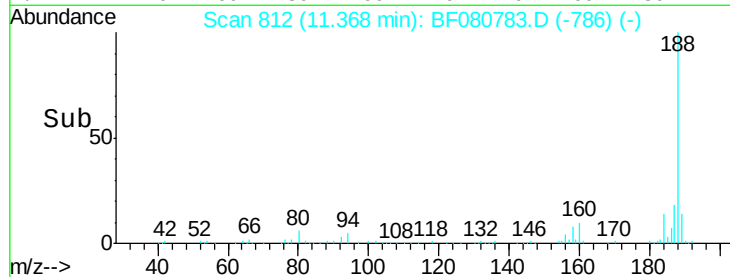
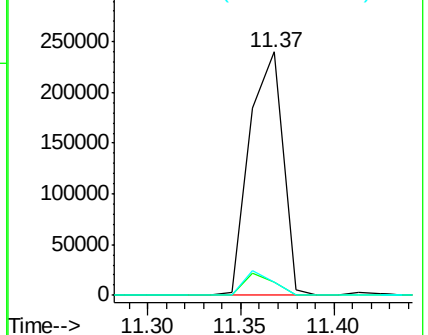
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-4(0-2)

Tot Ion:188 Resp: 297881
Ion Ratio Lower Upper
188 100
94 5.5 8.1 12.1#
80 5.7 9.1 13.7#

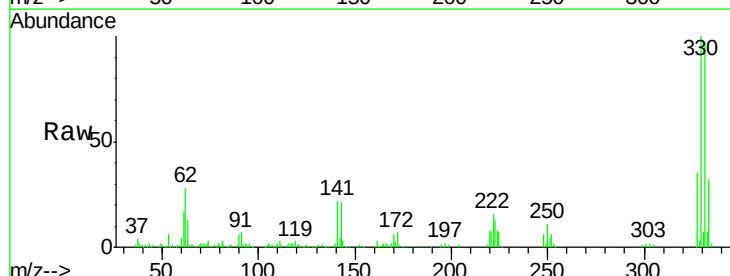


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

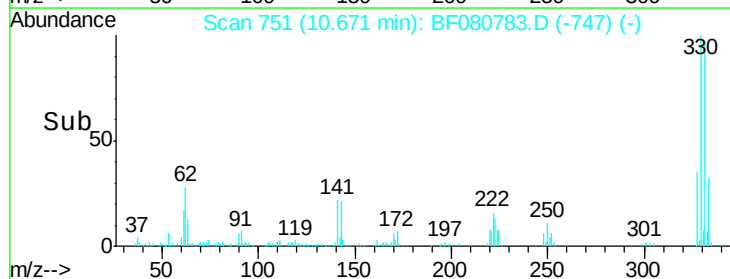
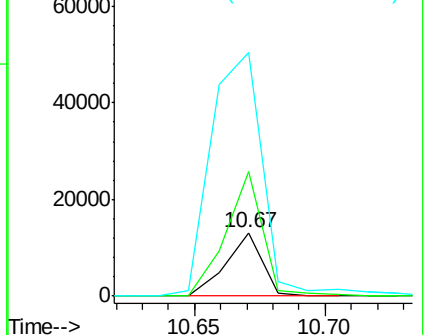


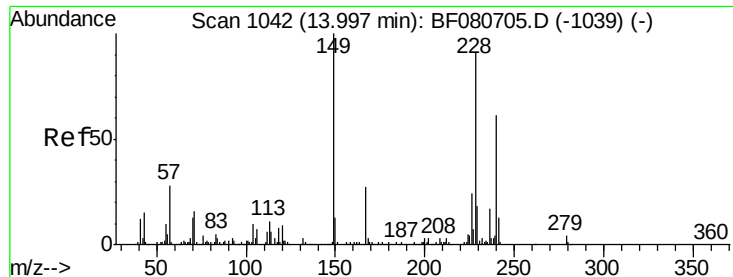
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080783.D
Acq: 1 Aug 2015 16:26

Tgt Ion:248 Resp: 12812
Ion Ratio Lower Upper
248 100
250 196.8 78.4 117.6#
141 385.3 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: BF080783.D

Acq: 1 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

WEST-ABUT-4(0-2)

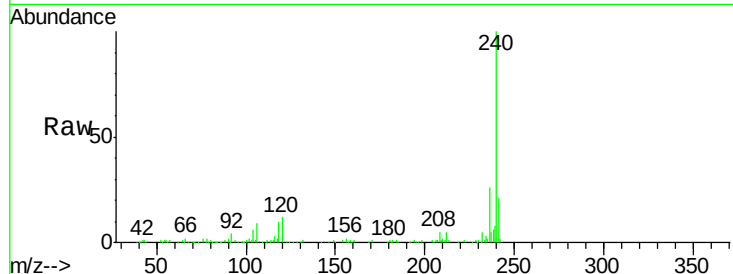
Tot Ion:240 Resp: 192400

Ion Ratio Lower Upper

240 100

120 12.2 11.8 17.8

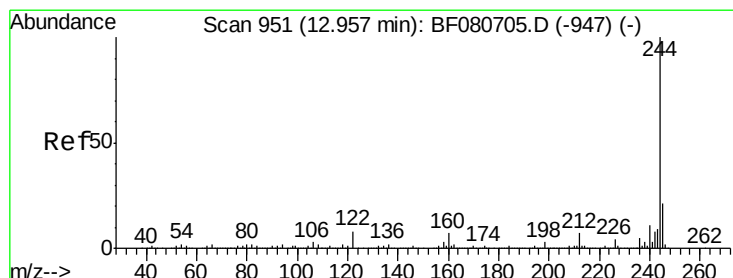
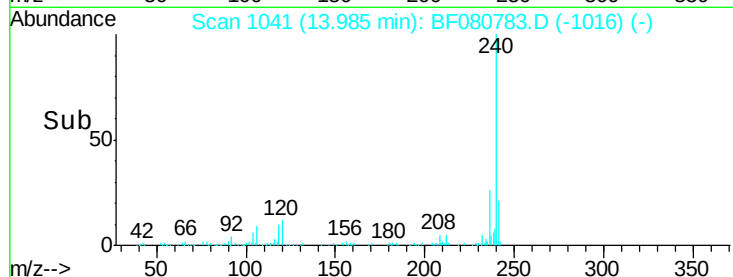
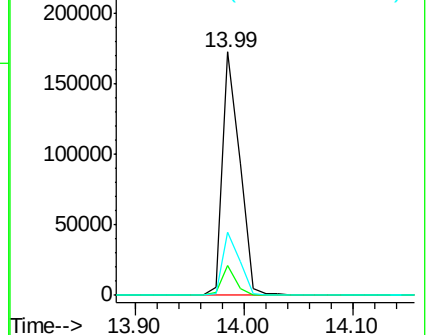
236 26.1 21.8 32.8



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: 70.71 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080783.D

Acq: 1 Aug 2015 16:26

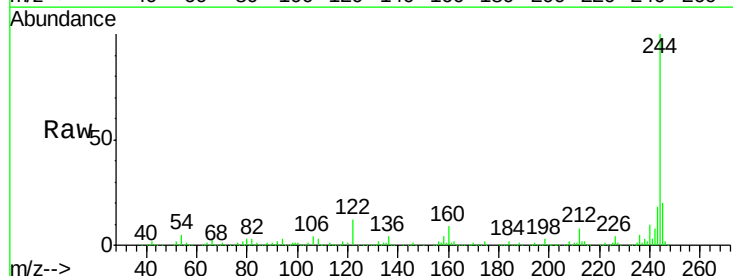
Tgt Ion:244 Resp: 719337

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

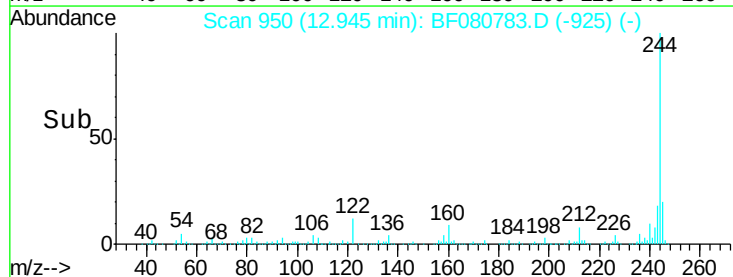
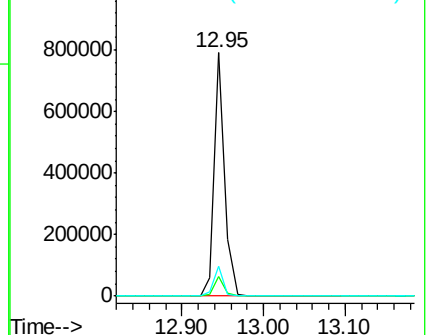
122 12.0 6.6 9.8#

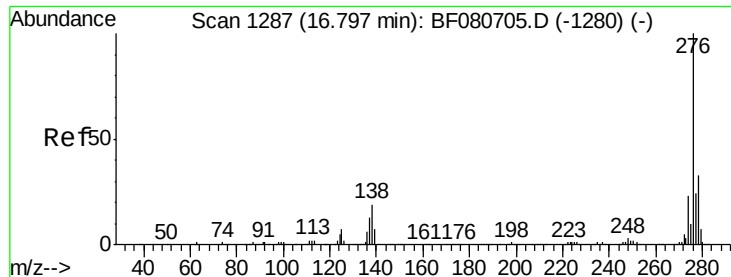


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

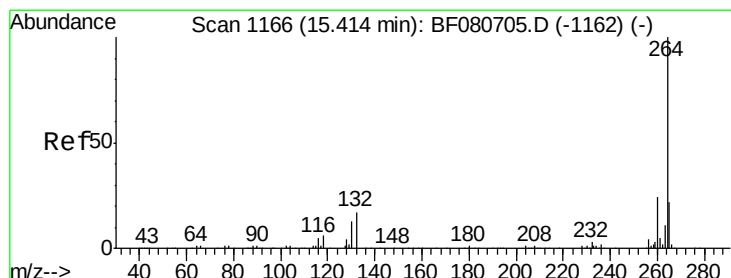
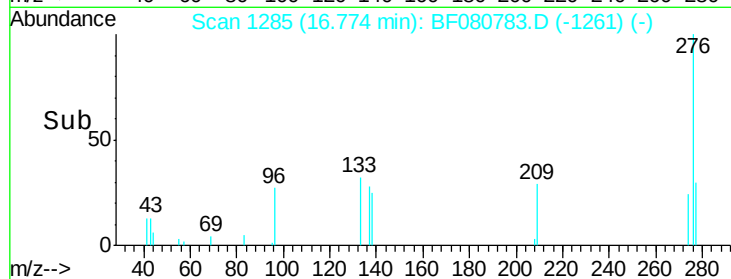
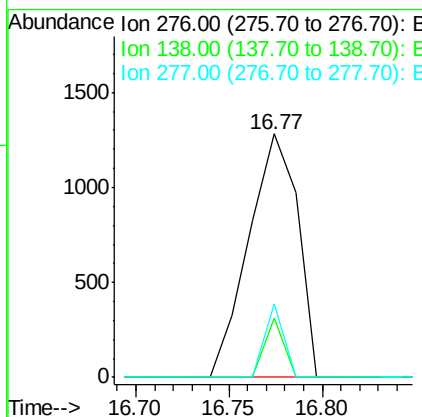
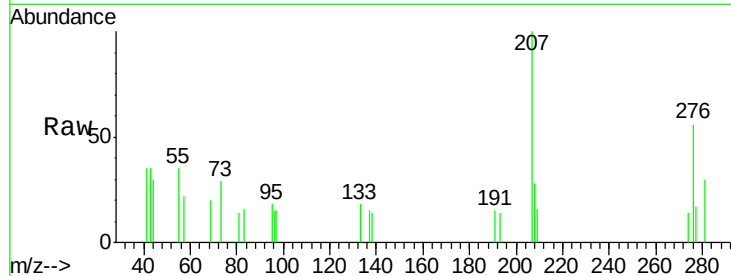




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.84 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF080783.D
 Acq: 1 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 WEST-ABUT-4(0-2)

Tot Ion:276 Resp: 2337
 Ion Ratio Lower Upper
 276 100
 138 9.2 13.2 19.8#
 277 11.3 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: BF080783.D
 Acq: 1 Aug 2015 16:26

Tgt Ion:264 Resp: 210429
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.0
 265 20.1 17.3 25.9

