

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083317.D
 Acq On : 26 Nov 2015 14:00
 Operator : UM/IZ
 Sample : G4539-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:34:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

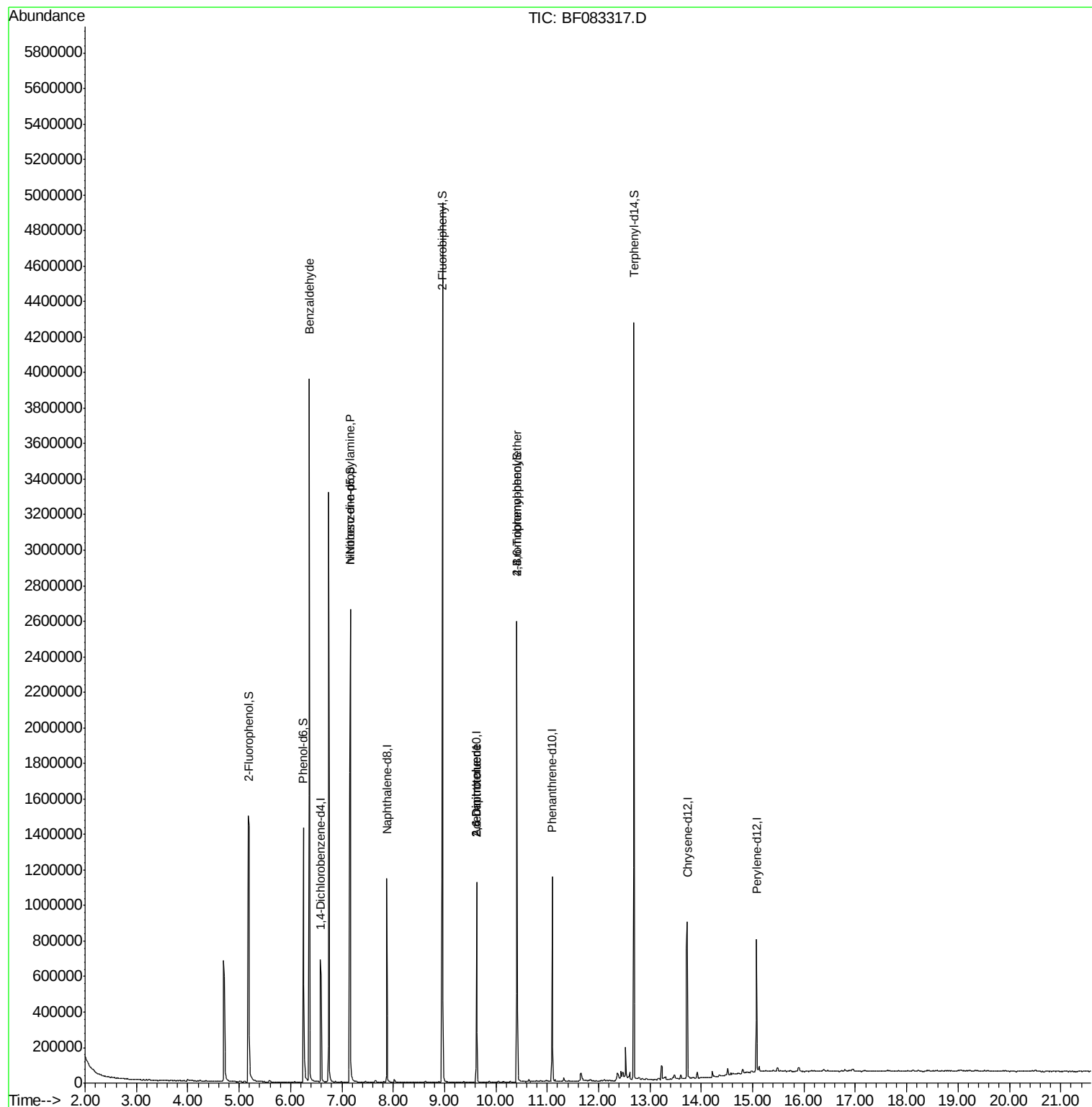
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145883	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	515291	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	215284	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	400955	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	426629	20.00	ng	-0.08
86) Perylene-d12	15.07	264	312476	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	645259	66.87	ng	-0.09
7) Phenol-d6	6.25	99	543699	43.55	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1135168	100.66	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260009	118.05	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1466871	95.01	ng	-0.07
78) Terphenyl-d14	12.69	244	1300325	71.77	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.36	77	27329	2.50	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	152139	17.51	ng	# 73
50) 2,6-Dinitrotoluene	9.62	165	28232	7.59	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	28233	5.99	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	19436	4.37	ng	# 1

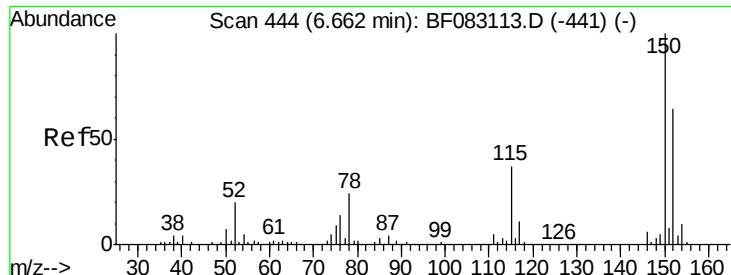
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 16:34:35 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



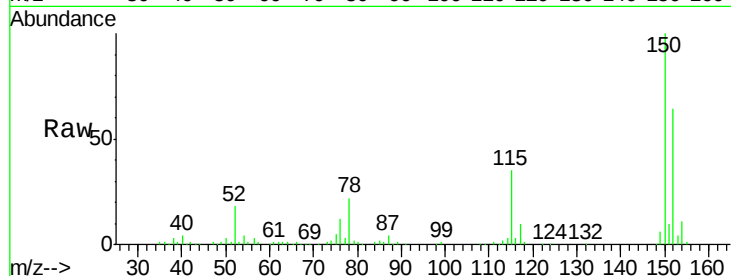


#1

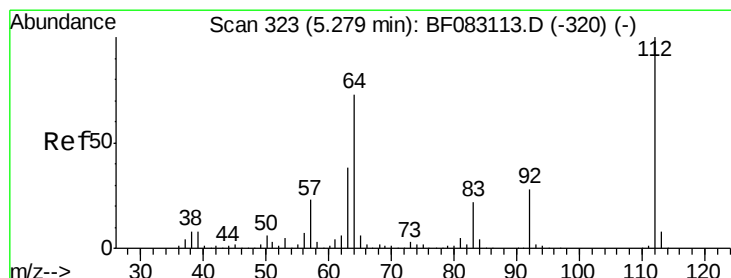
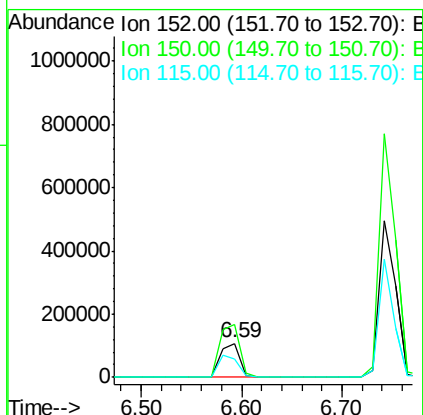
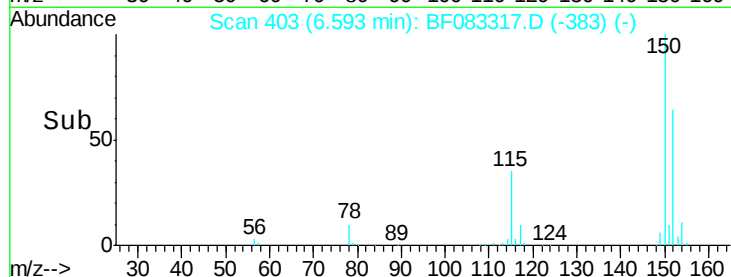
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145883
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.8
115 54.6 46.9 70.3



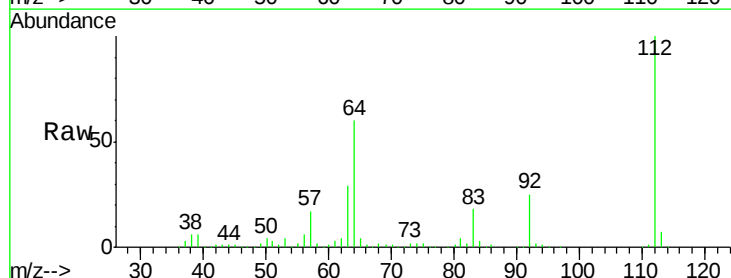
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



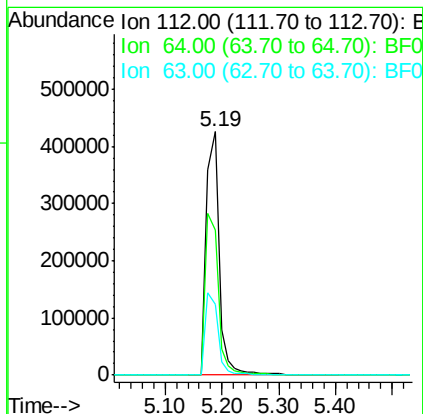
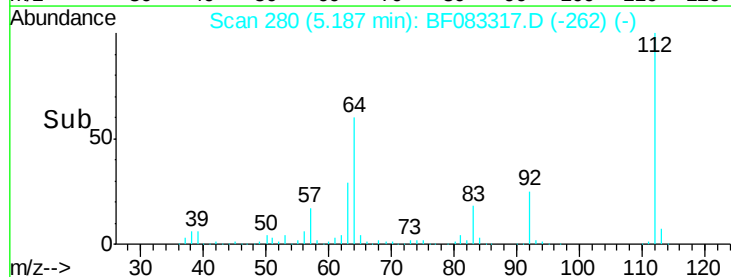
#5

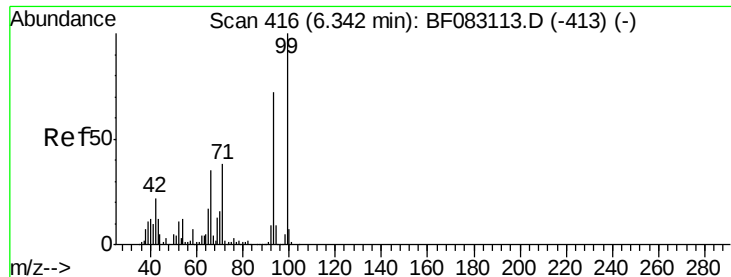
2-Fluorophenol
Concen: 66.87 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Tgt Ion:112 Resp: 645259
Ion Ratio Lower Upper
112 100
64 59.5 58.4 87.6
63 29.3 30.0 45.0#



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: 43.55 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

Instrument :

BNA_F

ClientSampleId :

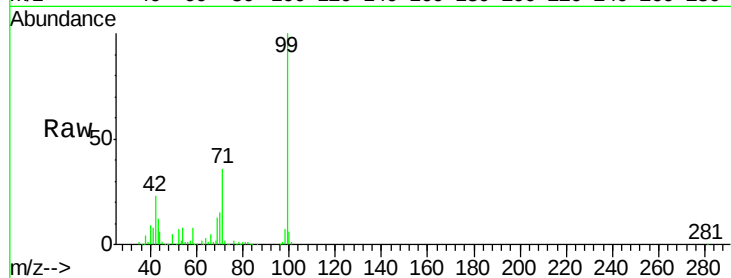
Tot Ion: 99 Resp: 543699

Ion Ratio Lower Upper

99 100

42 23.2 17.7 26.5

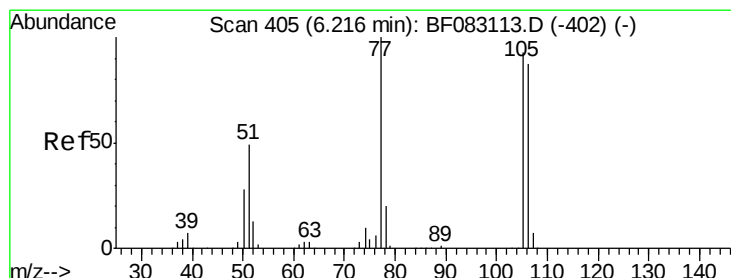
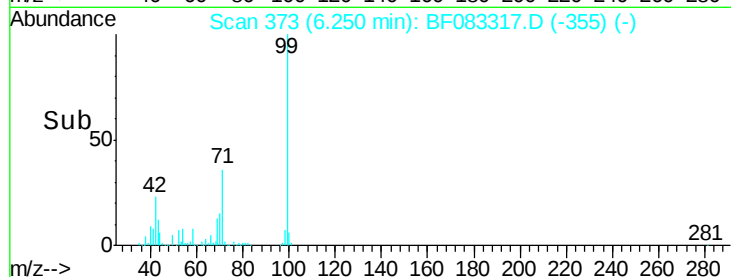
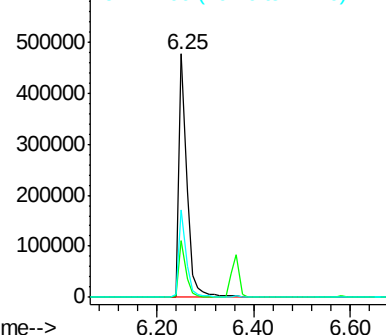
71 35.8 30.2 45.4



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: 2.50 ng

RT: 6.36 min Scan# 383

Delta R.T. 0.15 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

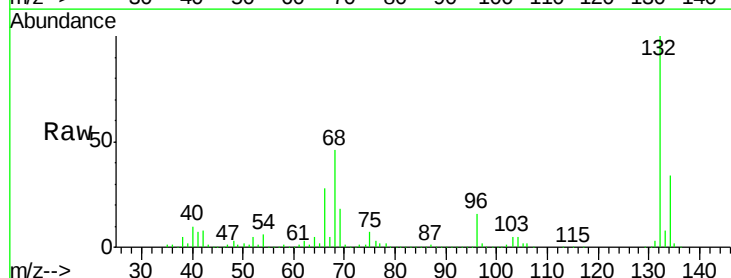
Tgt Ion: 77 Resp: 27329

Ion Ratio Lower Upper

77 100

105 77.6 73.4 113.4

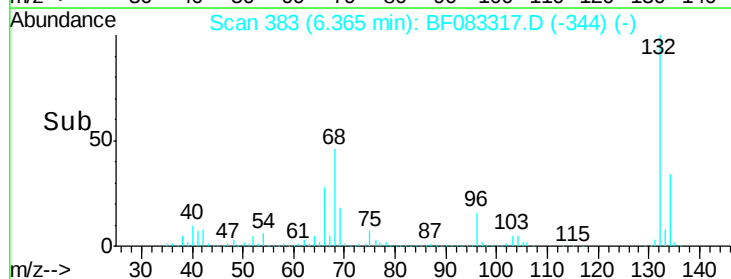
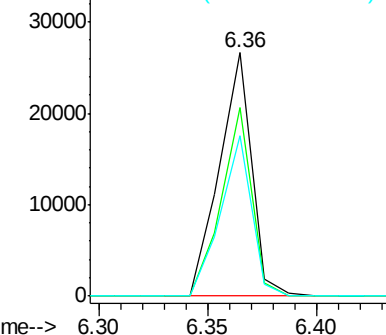
106 66.1 67.5 107.5#

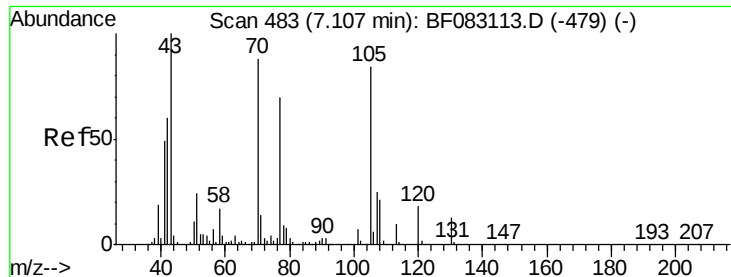


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

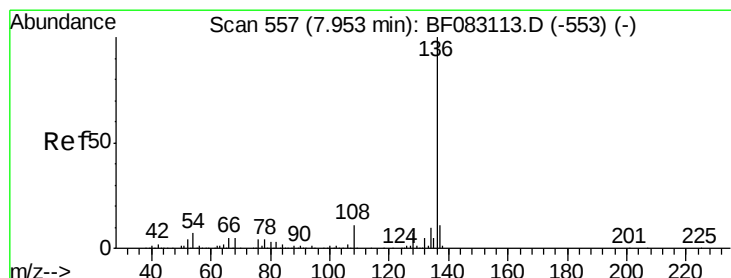
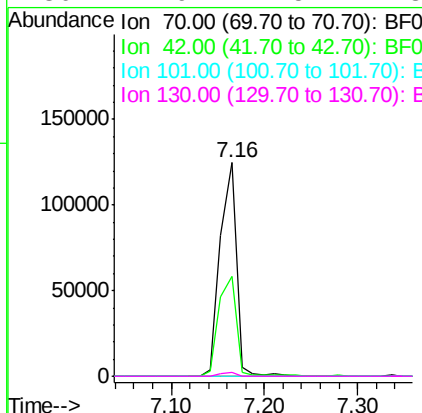
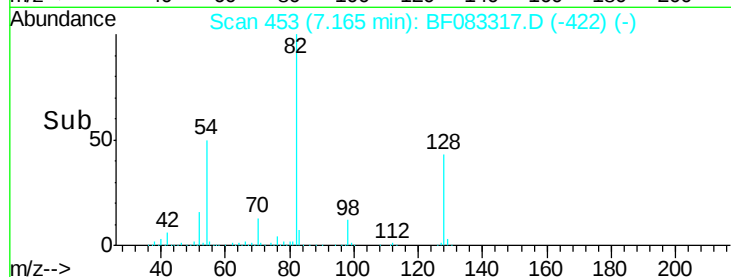
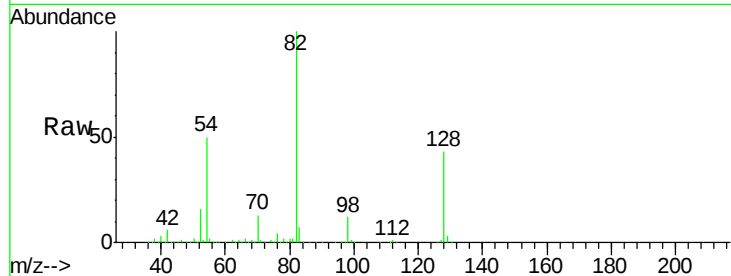




#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

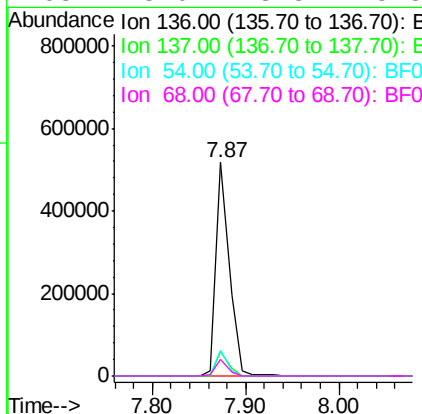
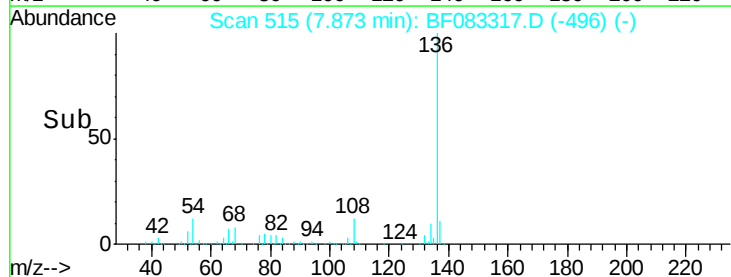
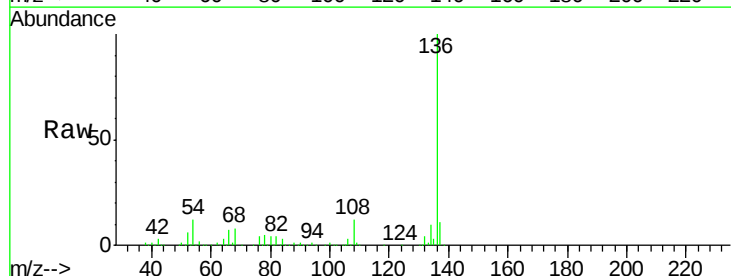
Instrument :
BNA_F
ClientSampleId :

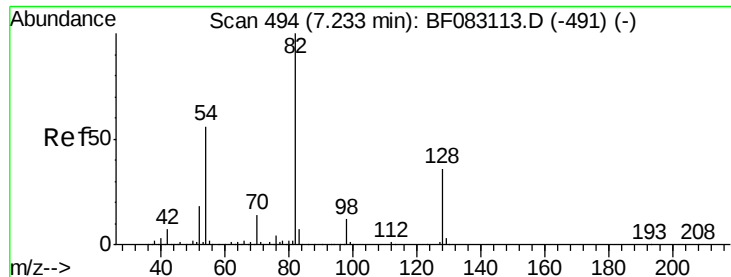
Tot Ion: 70 Resp: 152139
Ion Ratio Lower Upper
70 100
42 46.9 54.5 81.7#
101 0.0 6.6 9.8#
130 1.9 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Tgt Ion:136 Resp: 515291
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.2 5.8 8.6#
68 8.0 3.8 5.8#

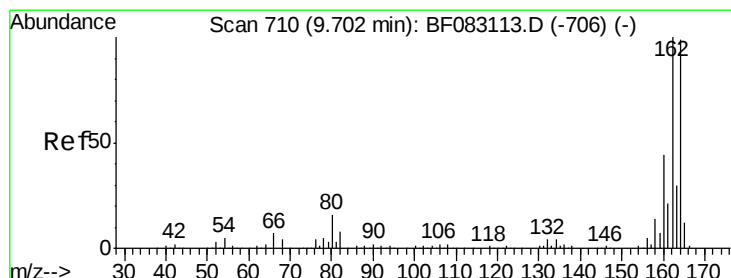
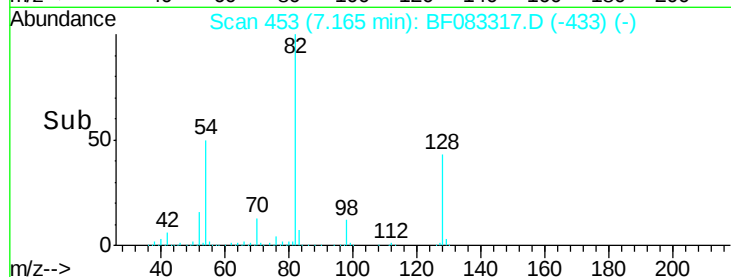
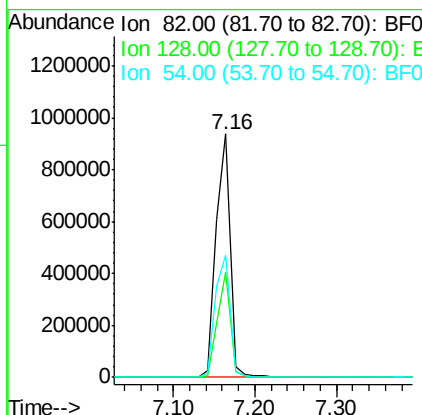
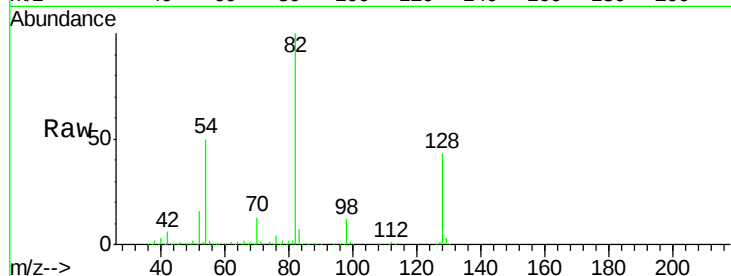




#23
 Nitrobenzene-d5
 Concen: 100.66 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

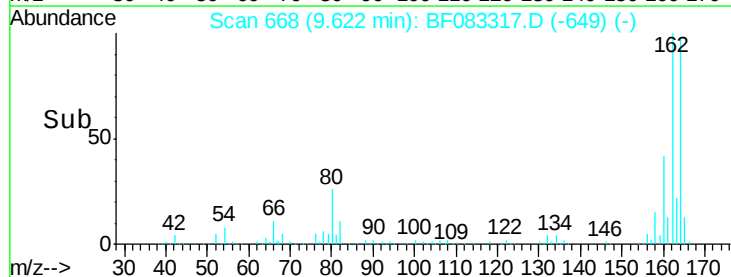
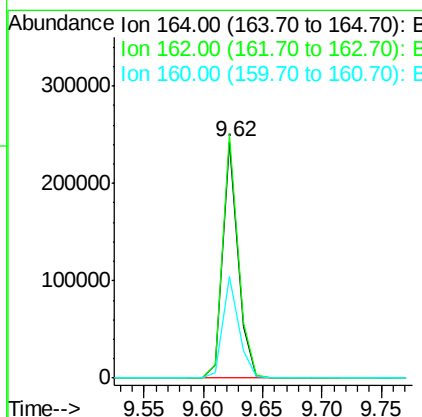
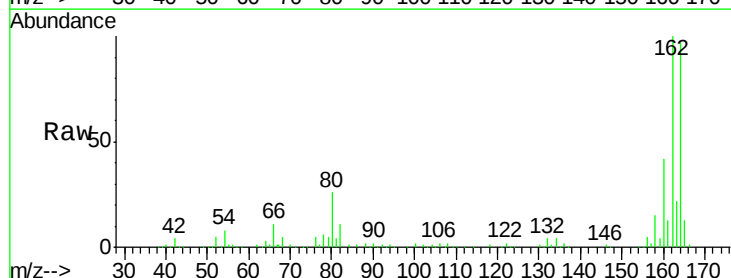
Instrument :
 BNA_F
 ClientSampleId :

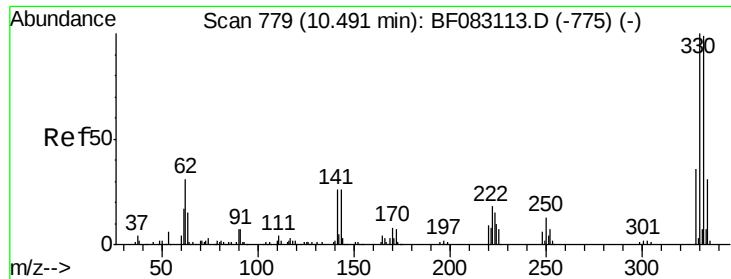
Tot Ion: 82 Resp: 1135168
 Ion Ratio Lower Upper
 82 100
 128 43.2 28.5 42.7#
 54 49.9 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

Tgt Ion:164 Resp: 215284
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.2 121.8
 160 43.2 35.6 53.4

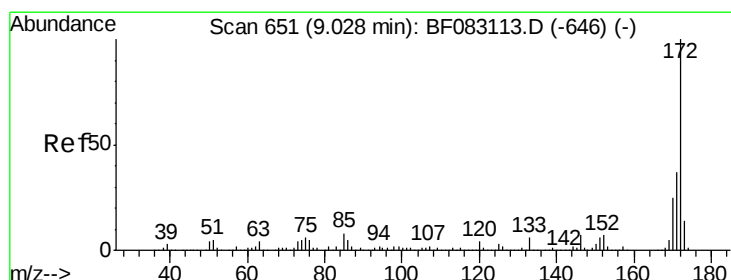
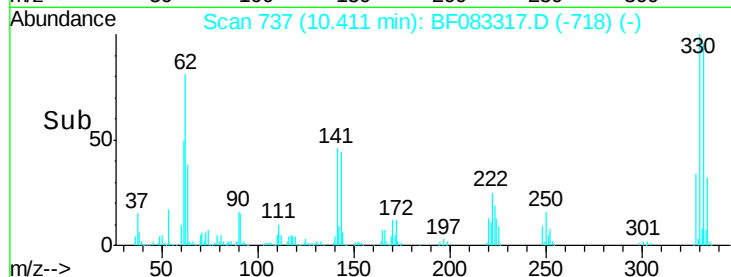
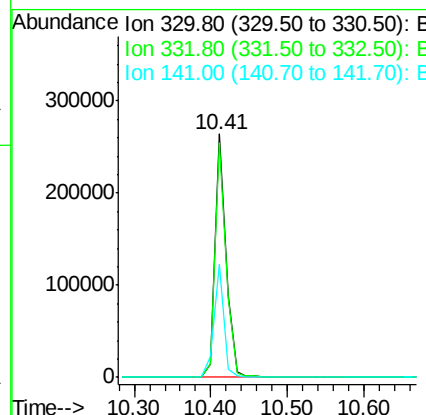
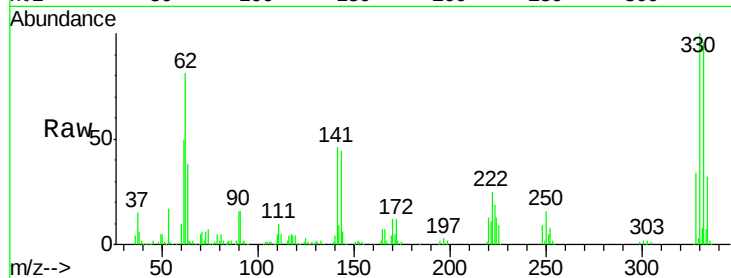




#41
 2,4,6-Tribromophenol
 Concen: 118.05 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

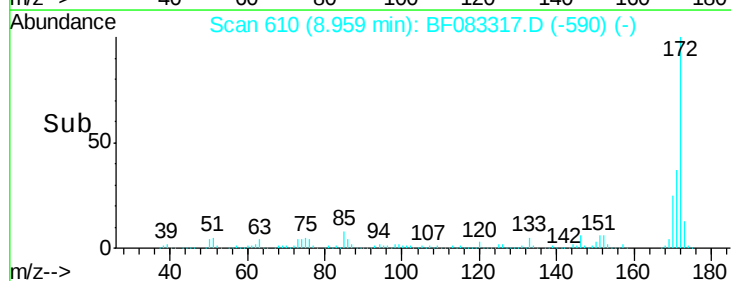
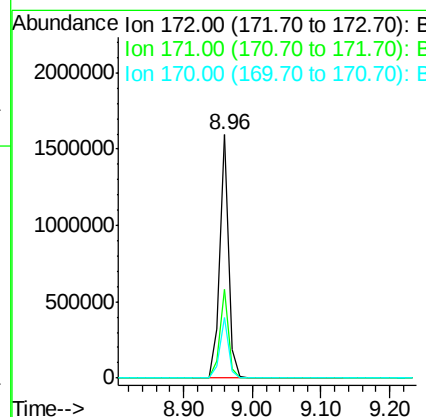
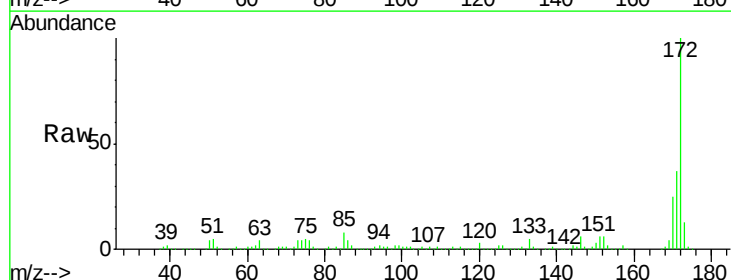
Instrument :
 BNA_F
 ClientSampleId :

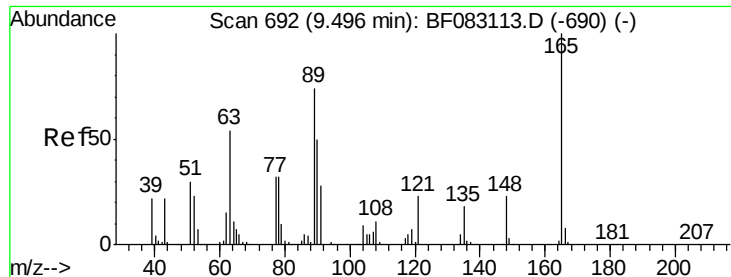
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	41.8	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	24.9	19.9	29.9

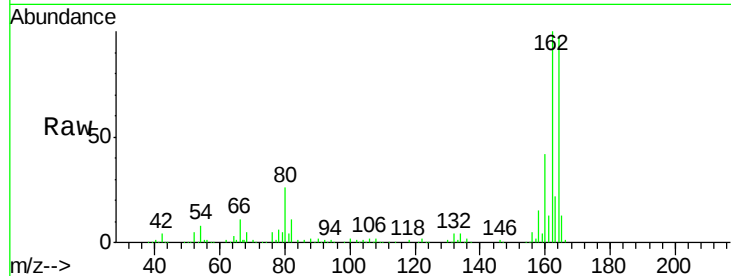




#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.13 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Instrument :
BNA_F
ClientSampleId :

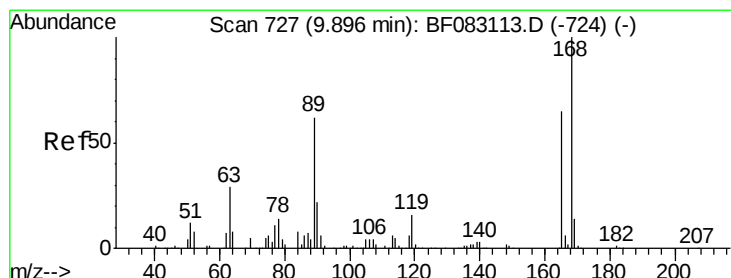
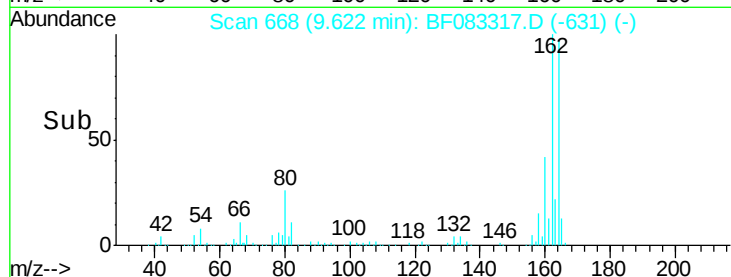
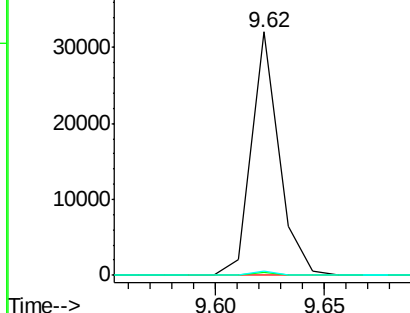
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	62.5	93.7#
89	1.9	59.1	88.7#



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



#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

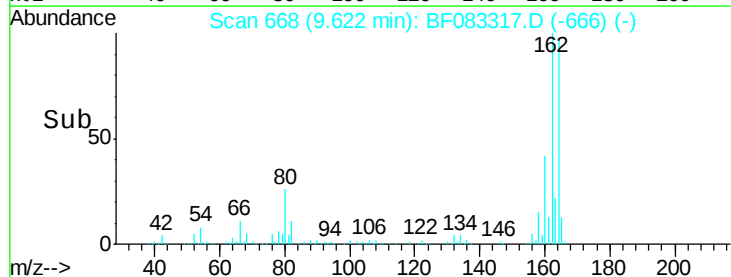
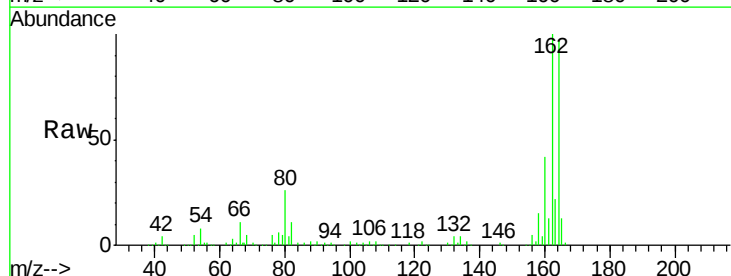
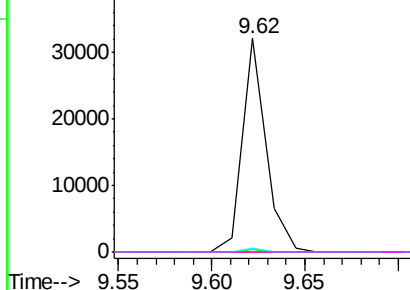
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.5	81.7#
89	1.9	77.3	115.9#
182	0.0	1.8	2.6#

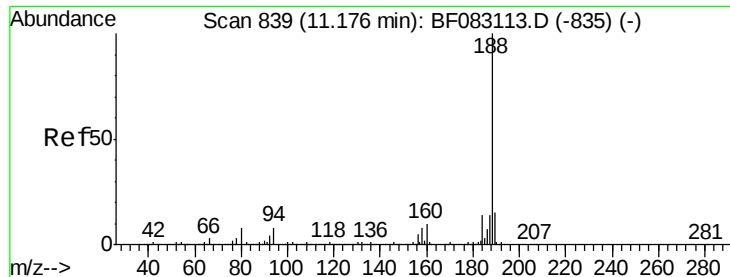
Abundance Ion 165.00 (164.70 to 165.70): E

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

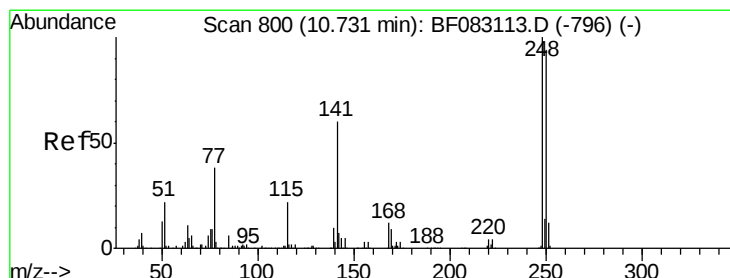
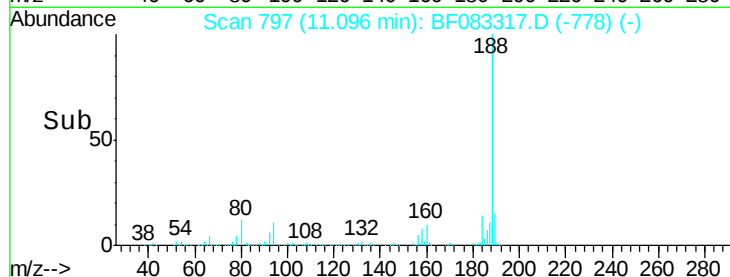
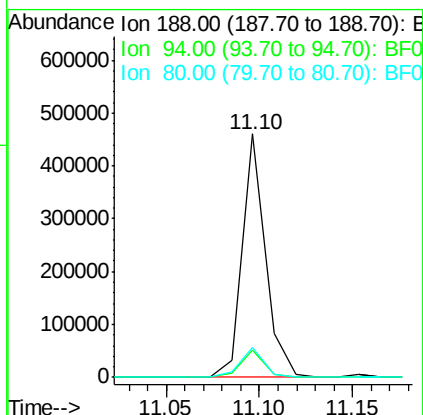
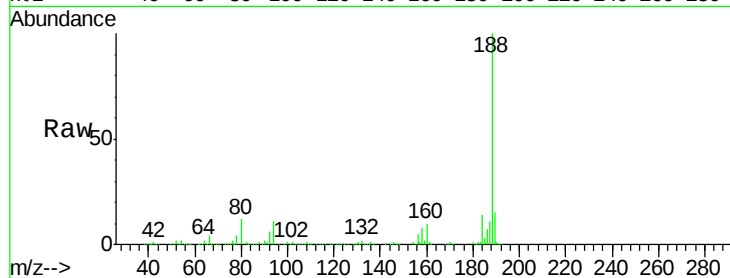




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

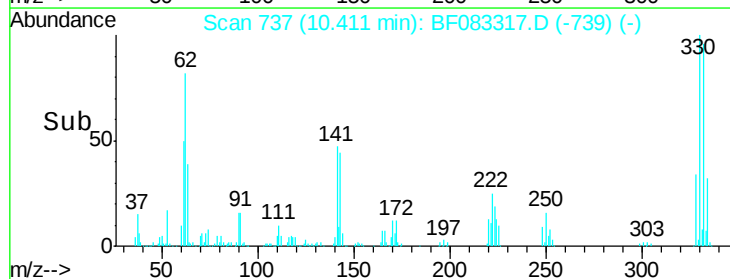
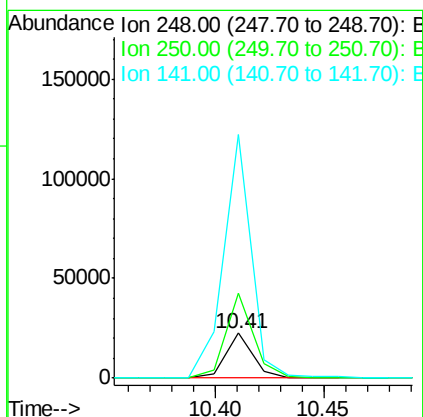
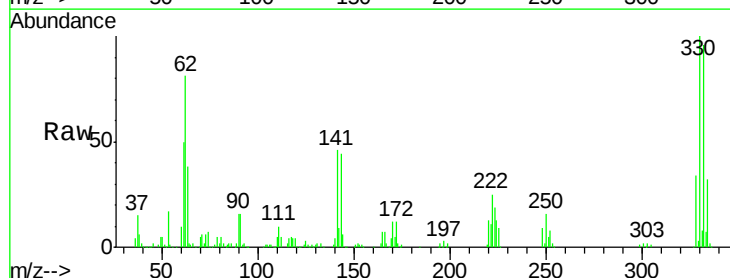
Instrument :
BNA_F
ClientSampleId :

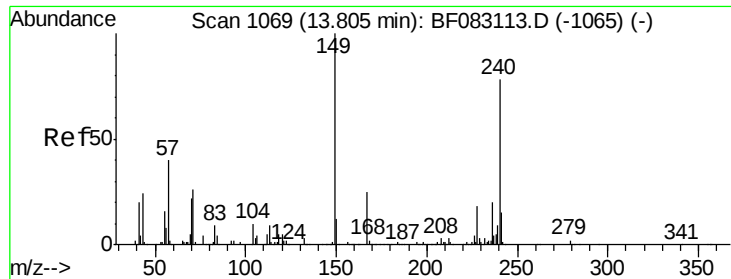
Tot Ion:188 Resp: 400955
Ion Ratio Lower Upper
188 100
94 11.0 6.0 9.0#
80 12.4 6.7 10.1#



#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Tgt Ion:248 Resp: 19436
Ion Ratio Lower Upper
248 100
250 189.8 75.4 113.2#
141 543.2 48.1 72.1#

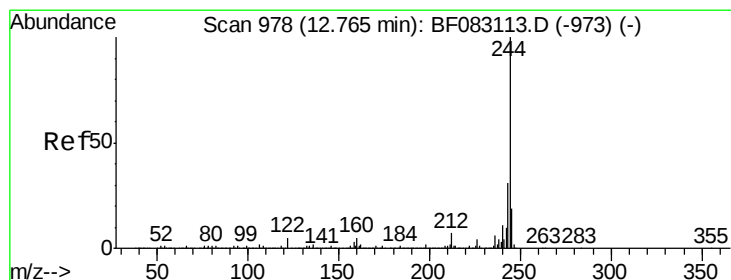
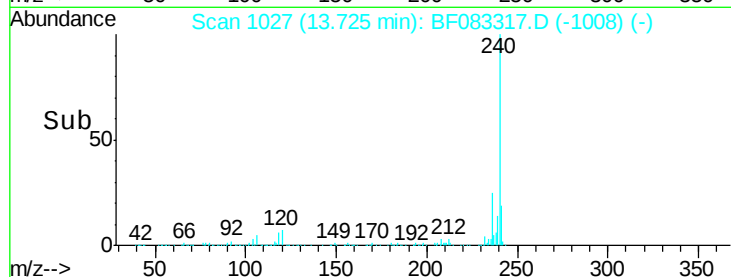
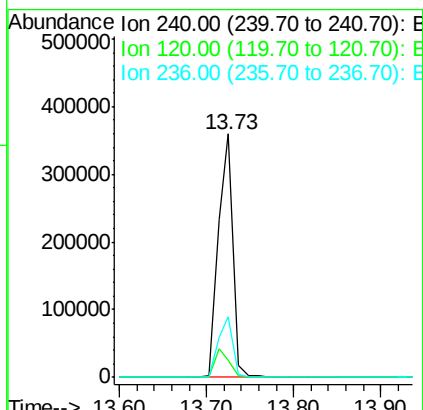
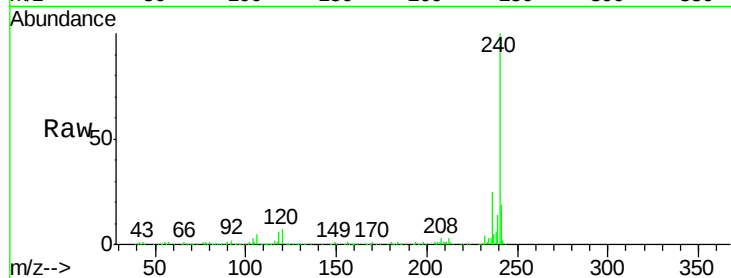




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

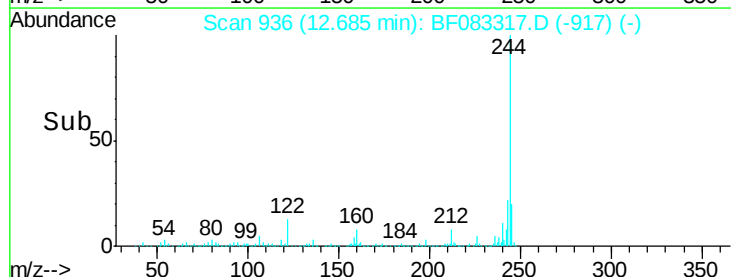
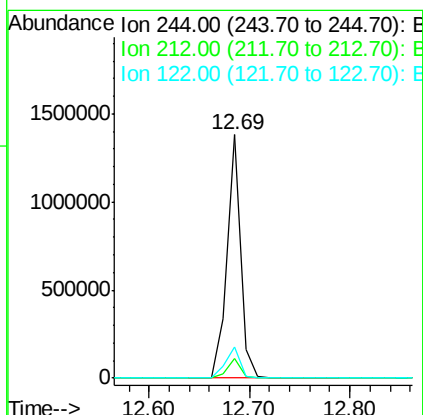
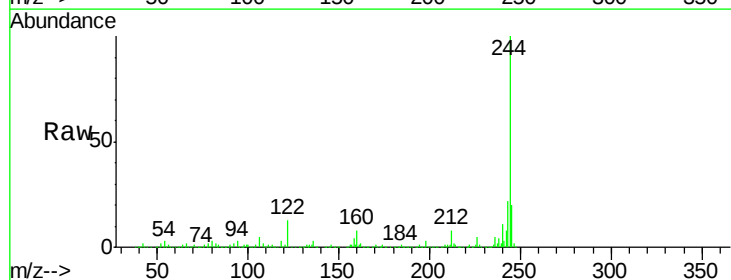
Instrument :
 BNA_F
 ClientSampleId :

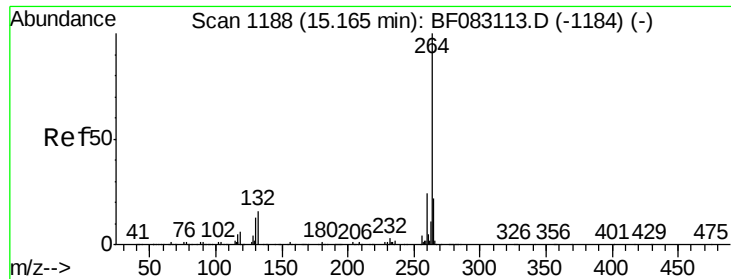
Tot Ion:240 Resp: 426629
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.4 8.2
 236 25.1 20.6 31.0



#78
 Terphenyl-d14
 Concen: 71.77 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

Tgt Ion:244 Resp: 1300325
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 12.6 4.3 6.5#

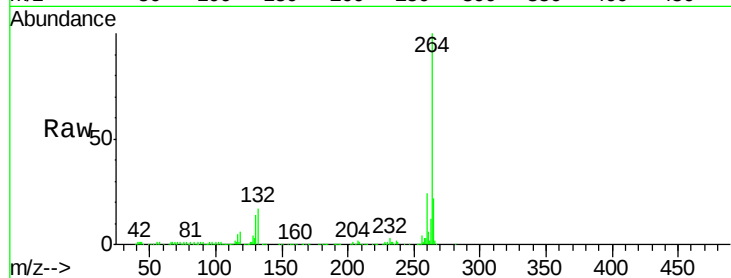




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.8	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

