

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083319.D
 Acq On : 26 Nov 2015 14:59
 Operator : UM/IZ
 Sample : G4539-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:34:58 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

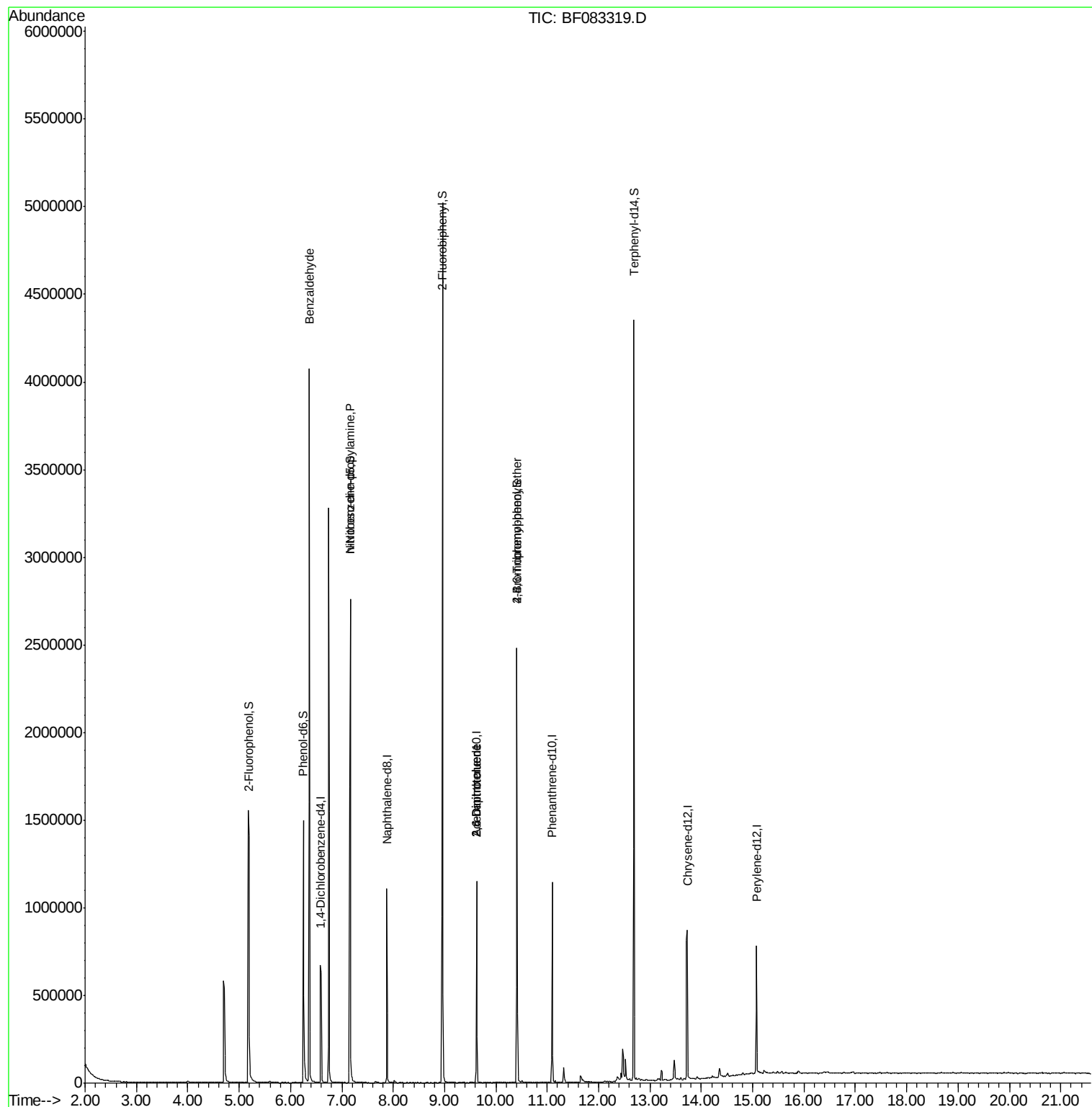
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	147004	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	508433	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	215384	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	390952	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	438708	20.00	ng	-0.08
86) Perylene-d12	15.07	264	317368	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	651595	67.01	ng	-0.09
7) Phenol-d6	6.25	99	544589	43.29	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1147845	103.16	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260039	118.01	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1464230	94.80	ng	-0.07
78) Terphenyl-d14	12.68	244	1321843	70.95	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.36	77	28257	2.60	ng	# 74
19) n-Nitroso-di-n-propylamine	7.16	70	153387	17.52	ng	# 73
50) 2,6-Dinitrotoluene	9.62	165	26988	7.25	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	26988	5.72	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	18003	4.15	ng	# 1

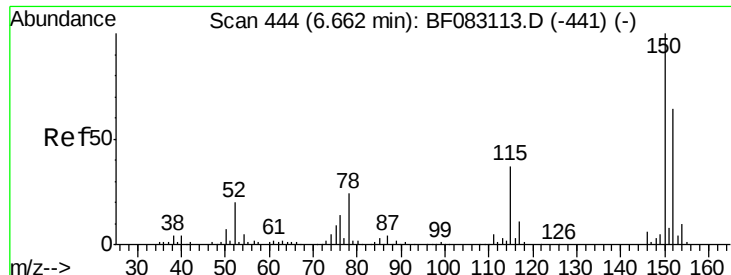
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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ALS Vial : 44 Sample Multiplier: 1

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BNA_F
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Quant Time: Nov 26 16:34:58 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



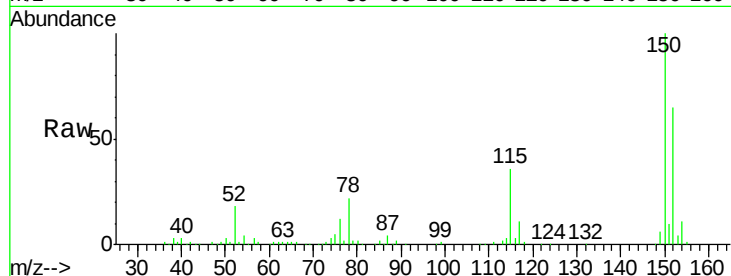


#1

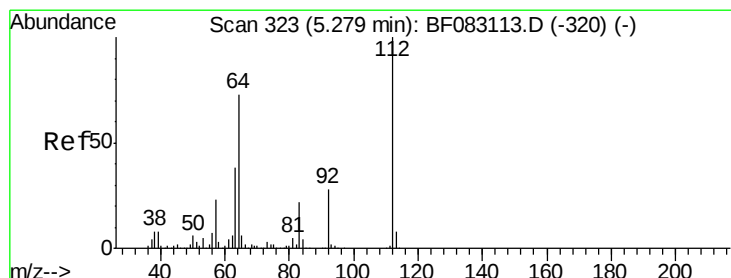
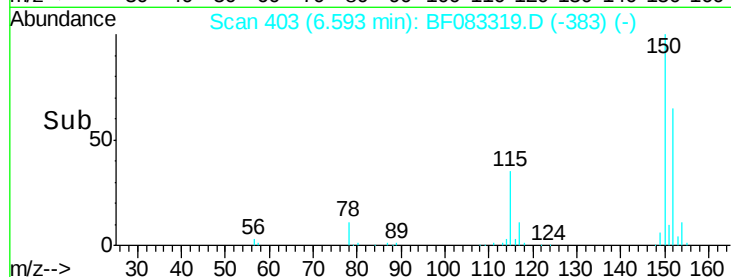
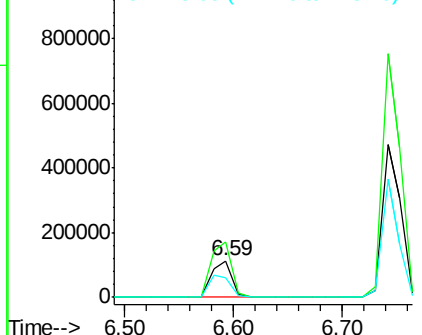
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147004
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.8
115 54.8 46.9 70.3



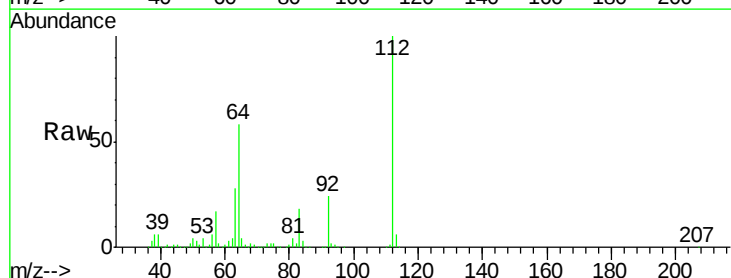
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



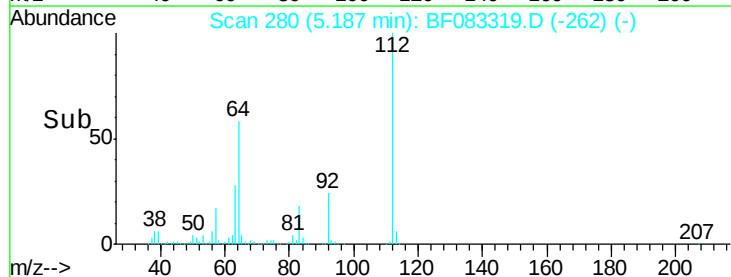
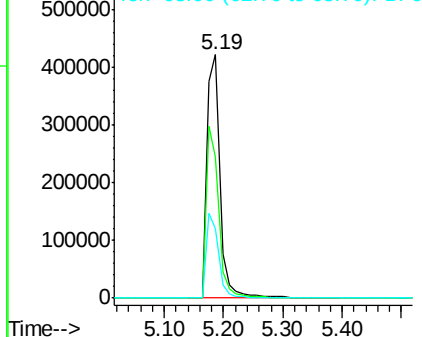
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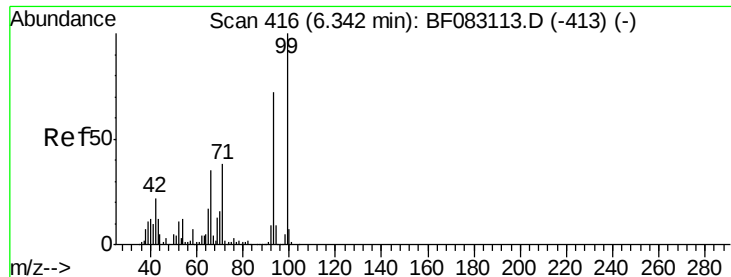
2-Fluorophenol
Concen: 67.01 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Tgt Ion:112 Resp: 651595
Ion Ratio Lower Upper
112 100
64 58.1 58.4 87.6#
63 28.5 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: 43.29 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083319.D

Acq: 26 Nov 2015 14:59

Instrument :

BNA_F

ClientSampleId :

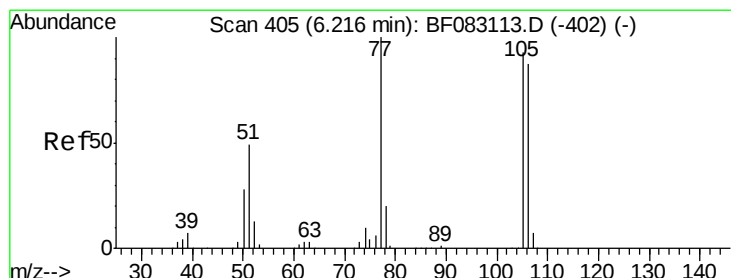
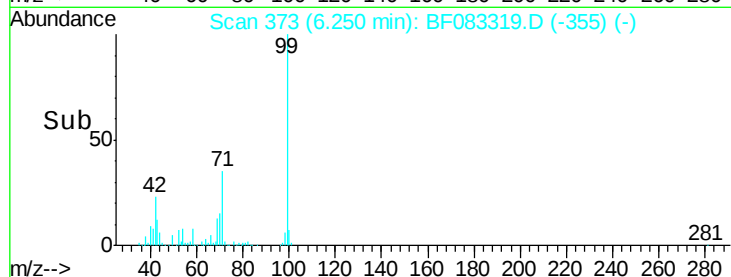
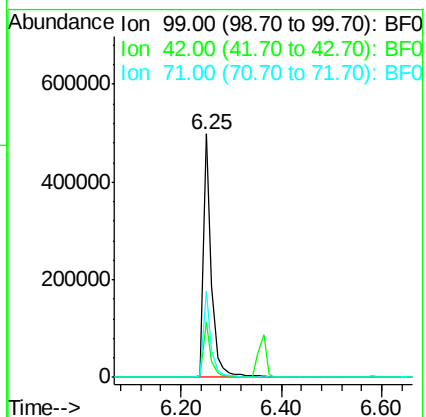
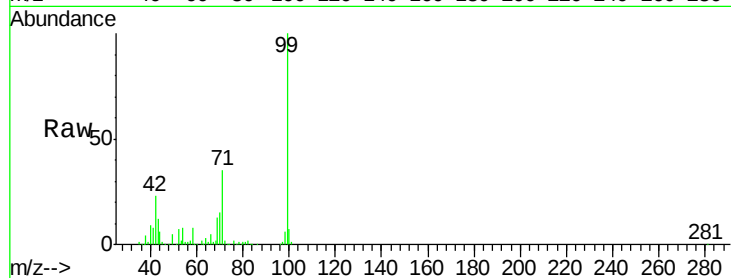
Tot Ion: 99 Resp: 544589

Ion Ratio Lower Upper

99 100

42 22.6 17.7 26.5

71 35.2 30.2 45.4



#9

Benzaldehyde

Concen: 2.60 ng

RT: 6.36 min Scan# 383

Delta R.T. 0.15 min

Lab File: BF083319.D

Acq: 26 Nov 2015 14:59

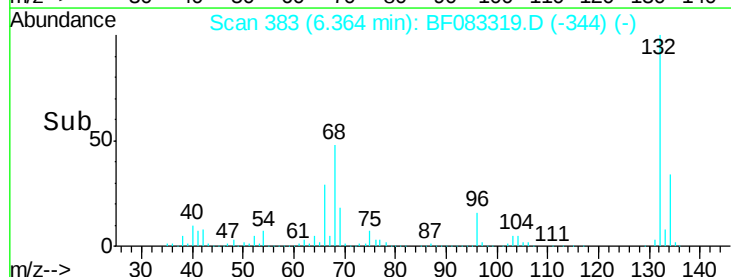
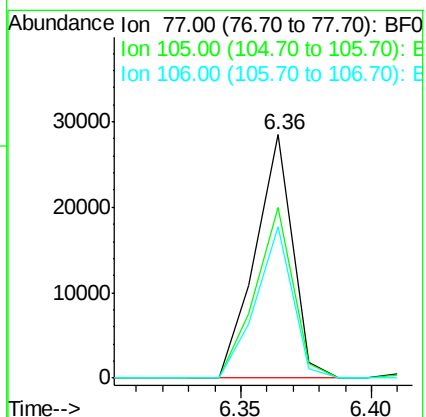
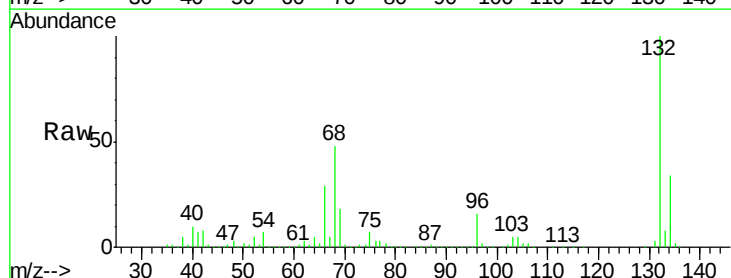
Tgt Ion: 77 Resp: 28257

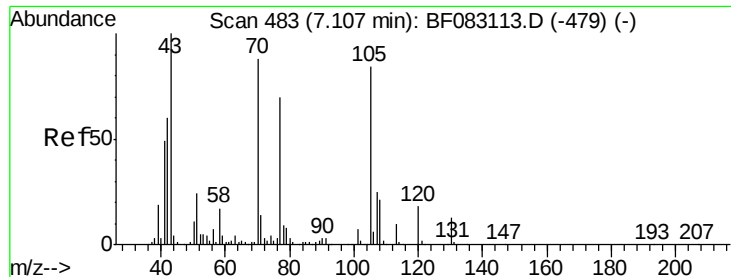
Ion Ratio Lower Upper

77 100

105 70.3 73.4 113.4#

106 62.0 67.5 107.5#

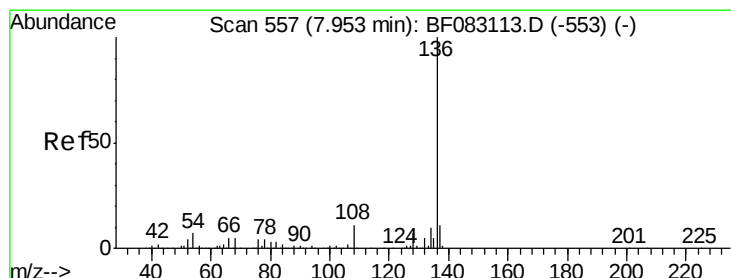
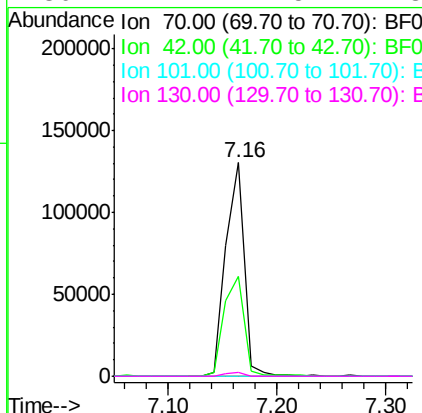
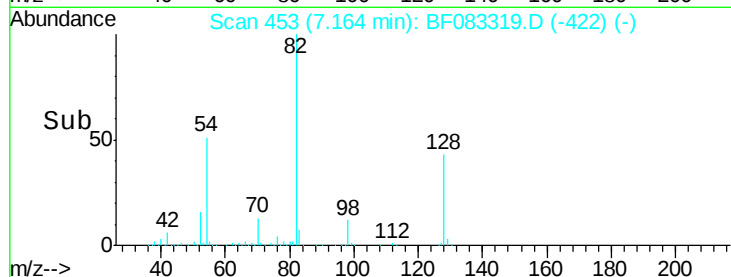
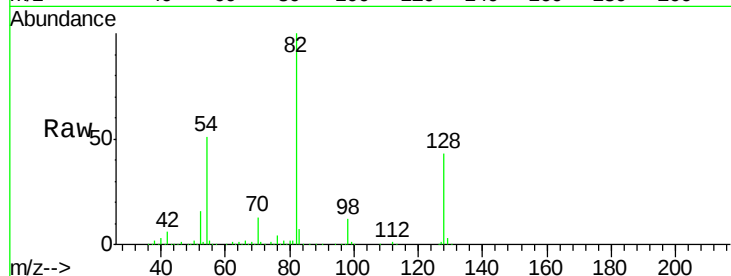




#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

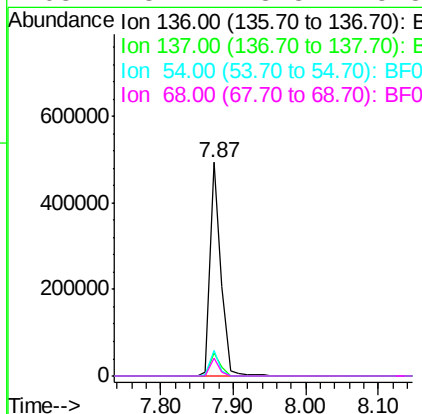
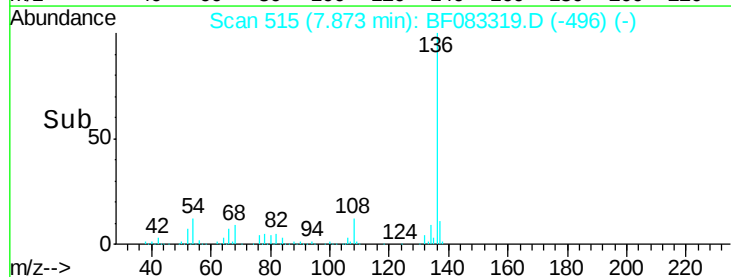
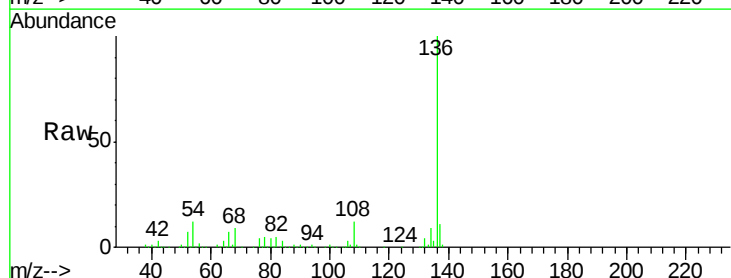
Instrument :
BNA_F
ClientSampleId :

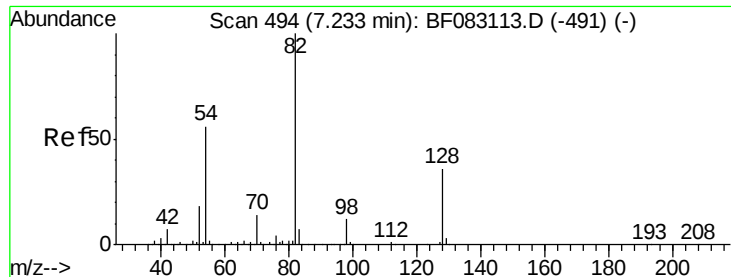
Tot Ion: 70 Resp: 153387
Ion Ratio Lower Upper
70 100
42 46.9 54.5 81.7#
101 0.0 6.6 9.8#
130 2.1 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Tgt Ion: 136 Resp: 508433
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.1 5.8 8.6#
68 8.7 3.8 5.8#



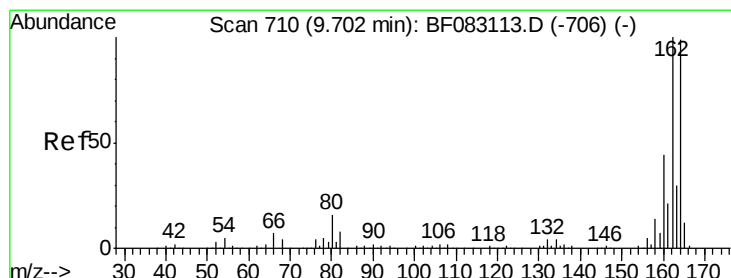
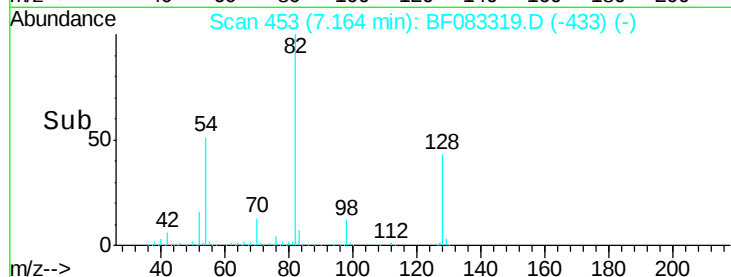
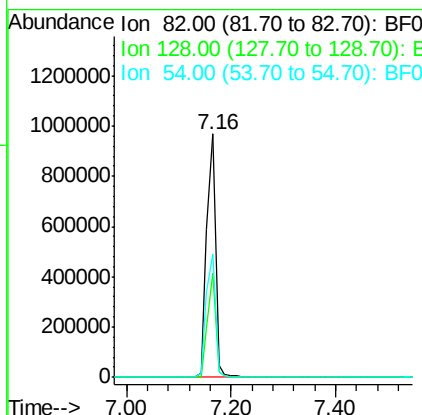
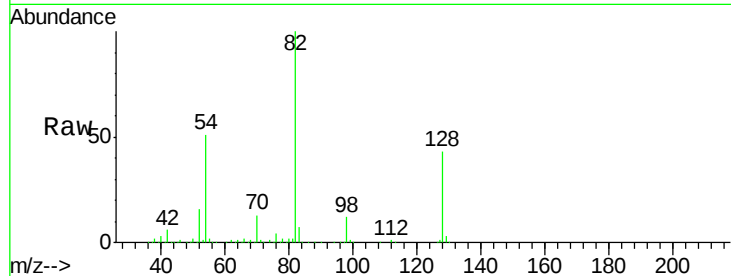


#23
 Nitrobenzene-d5
 Concen: 103.16 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1147845

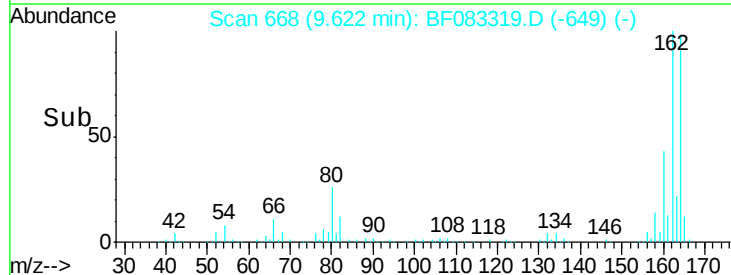
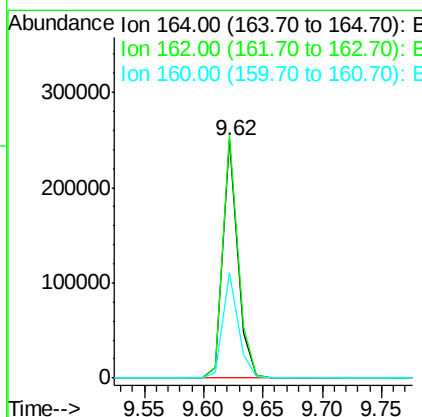
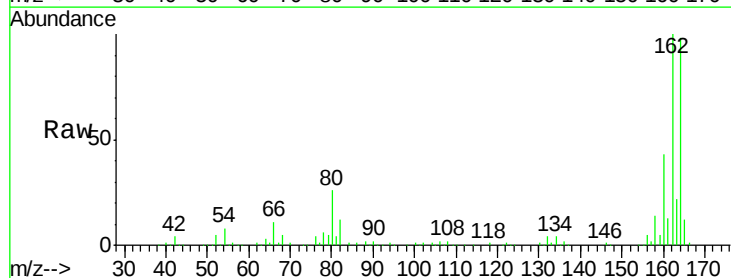
Ion	Ratio	Lower	Upper
82	100		
128	42.7	28.5	42.7
54	50.6	44.6	67.0

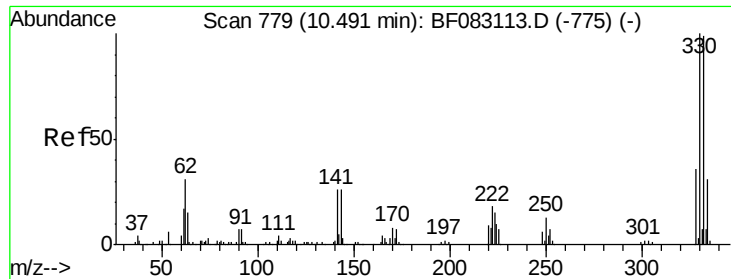


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:164 Resp: 215384

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.2	121.8
160	44.1	35.6	53.4

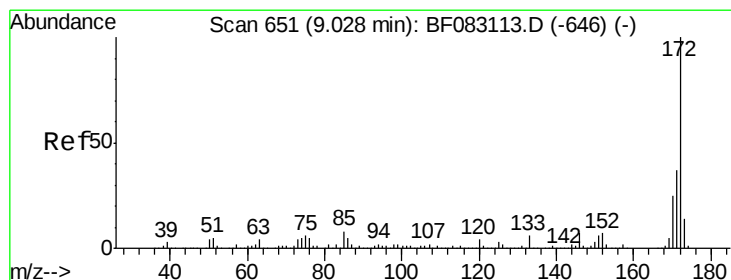
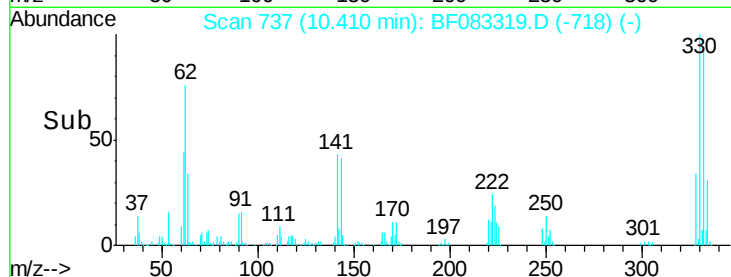
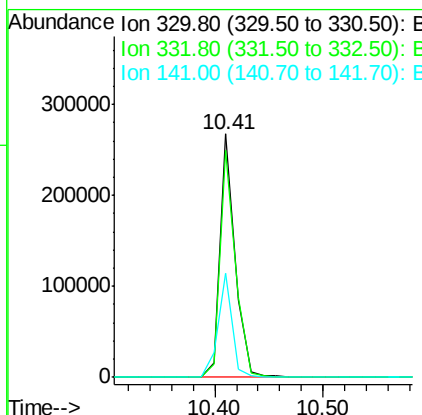
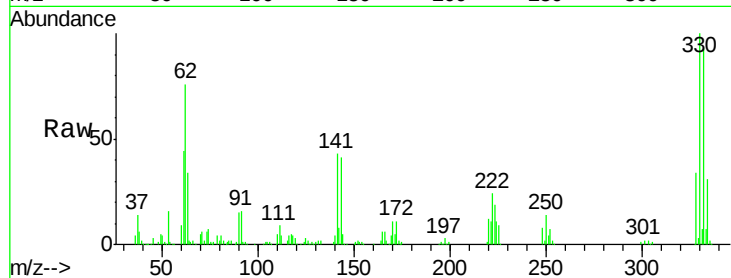




#41
 2,4,6-Tribromophenol
 Concen: 118.01 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

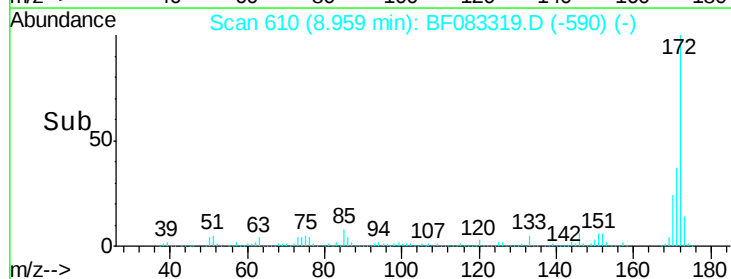
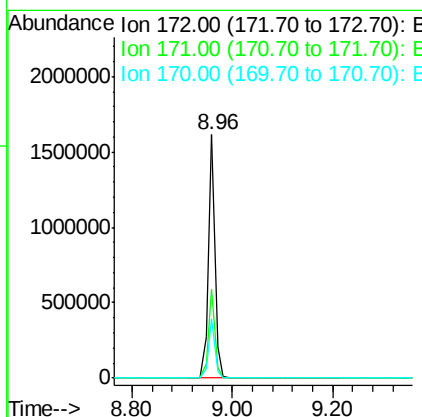
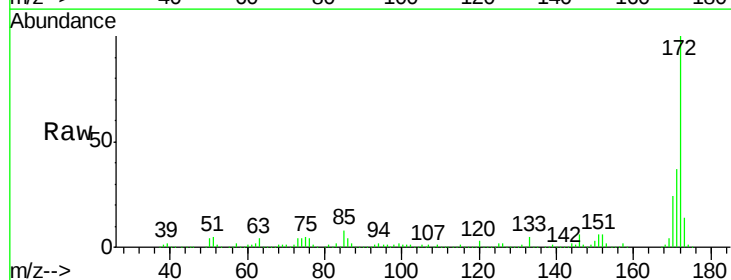
Instrument :
 BNA_F
 ClientSampleId :

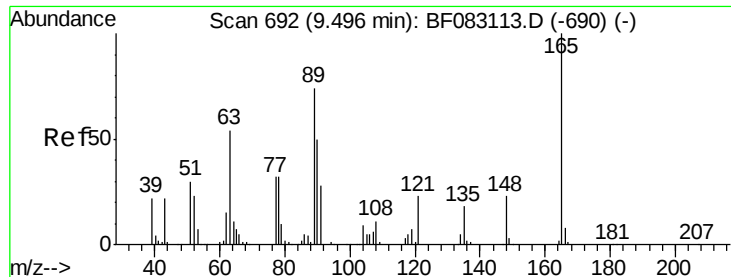
Tot Ion:330 Resp: 260039
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 40.5 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 94.80 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:172 Resp: 1464230
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.5 19.9 29.9

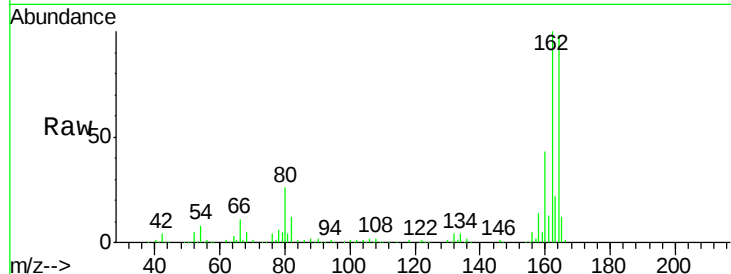




#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :

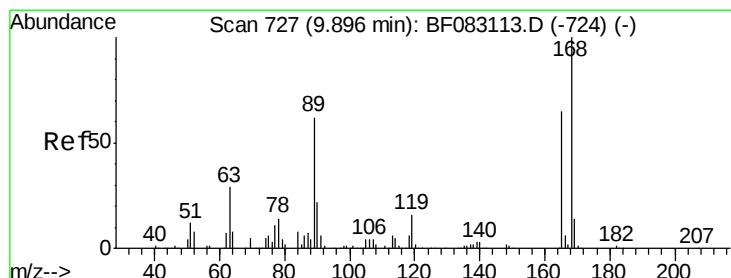
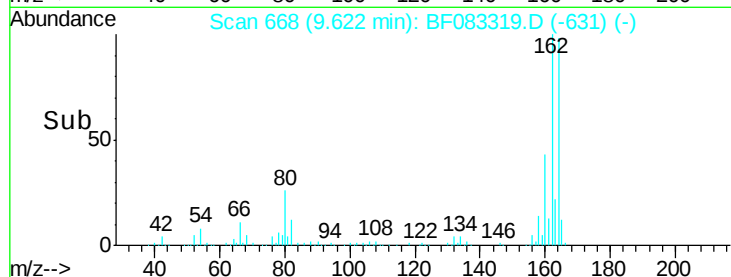
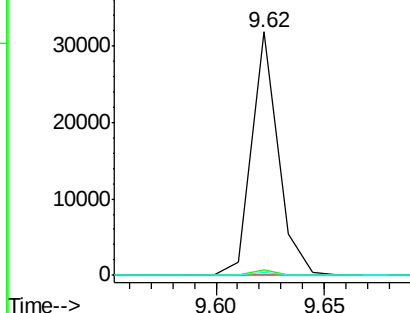
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	62.5	93.7#
89	1.5	59.1	88.7#



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: 5.72 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

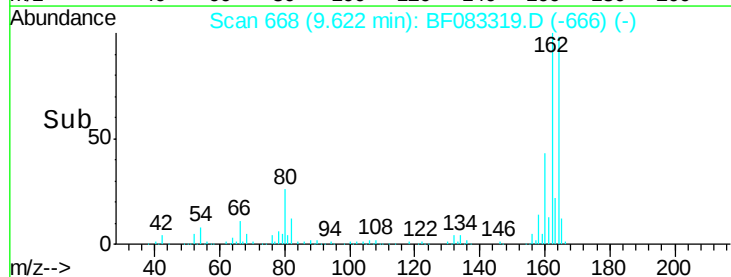
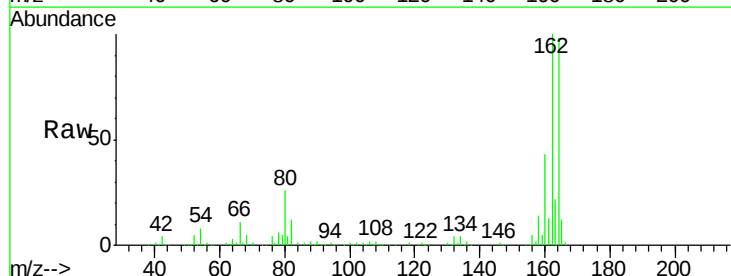
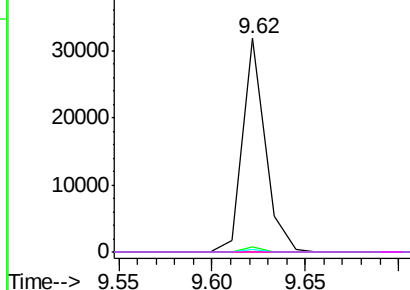
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

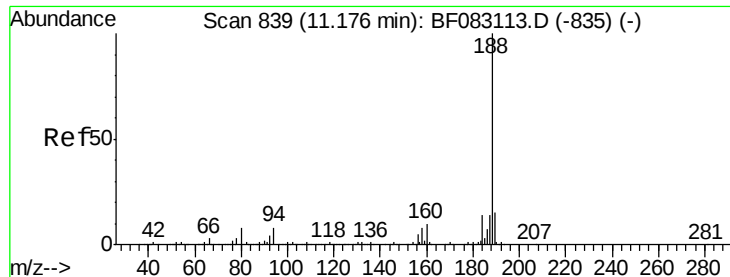
Abundance Ion 165.00 (164.70 to 165.70): E

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

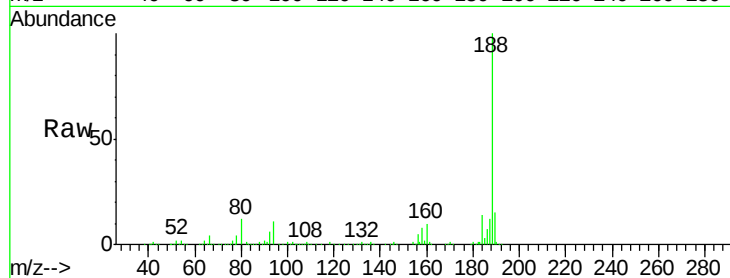




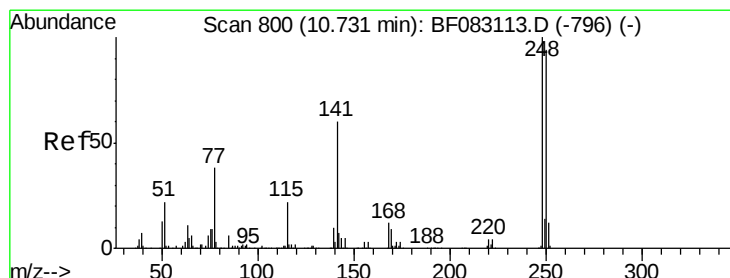
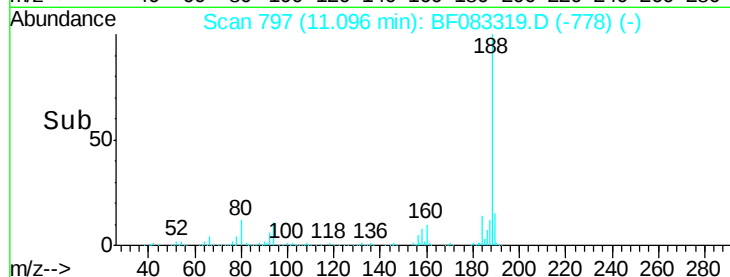
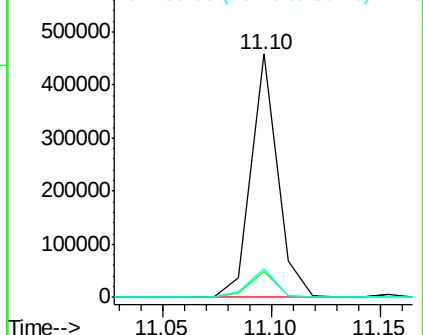
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 390952
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 11.6 6.7 10.1#

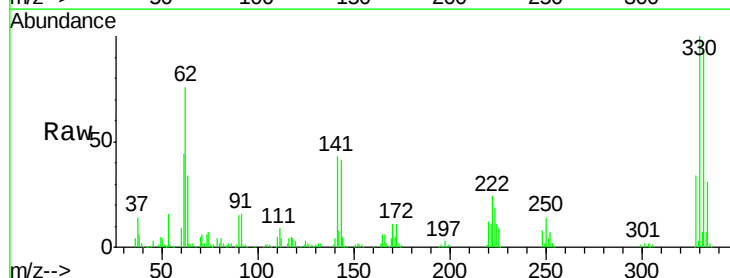


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

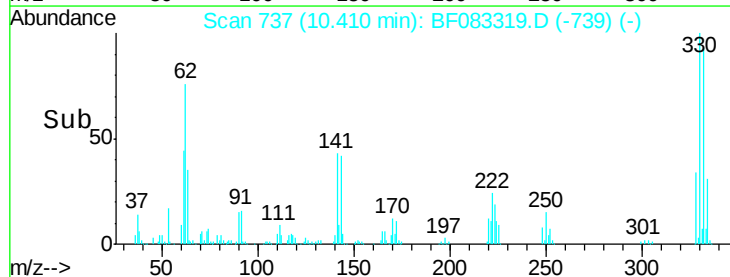
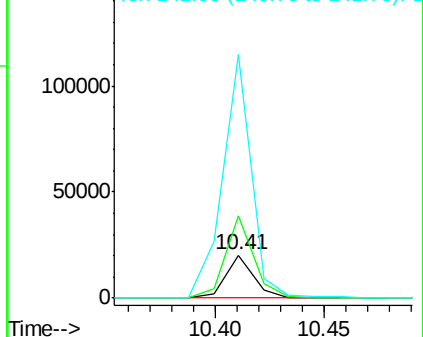


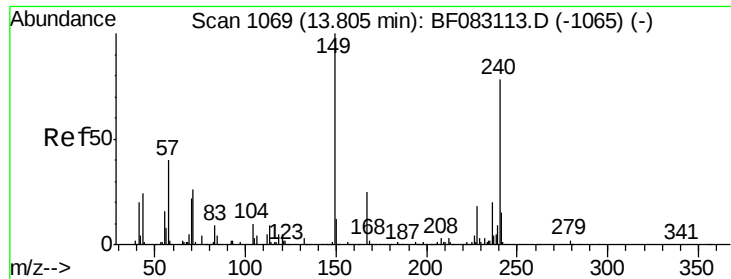
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Tgt Ion:248 Resp: 18003
Ion Ratio Lower Upper
248 100
250 192.1 75.4 113.2#
141 569.8 48.1 72.1#



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

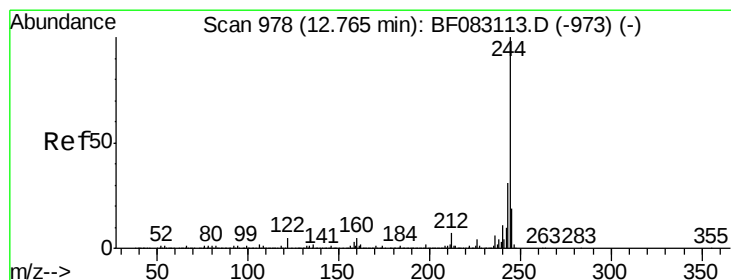
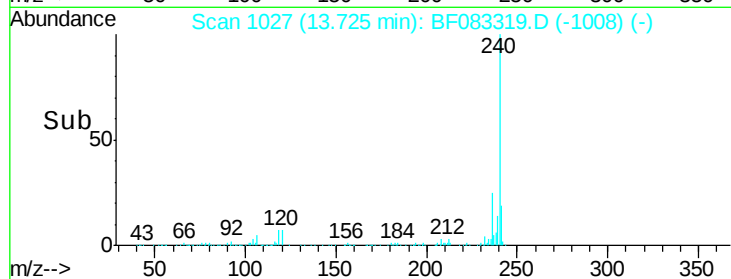
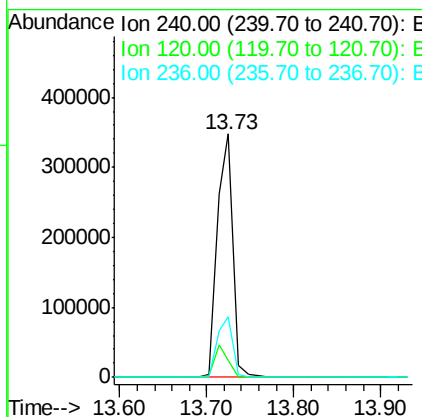
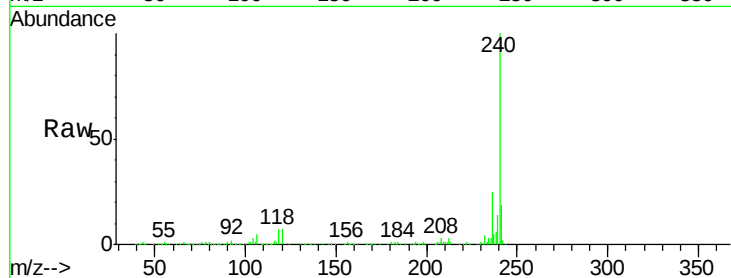




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

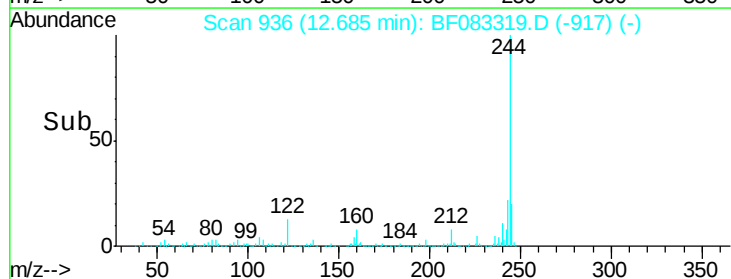
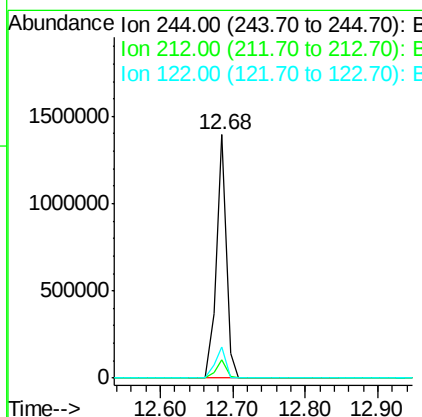
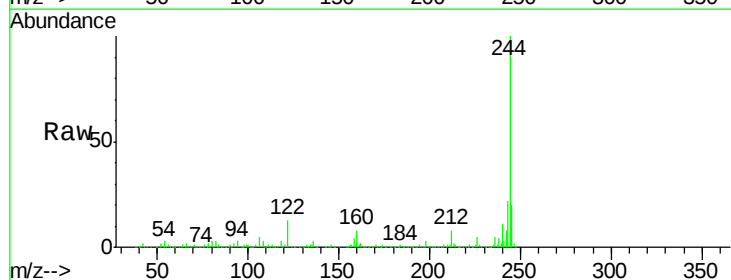
Instrument :
 BNA_F
 ClientSampleId :

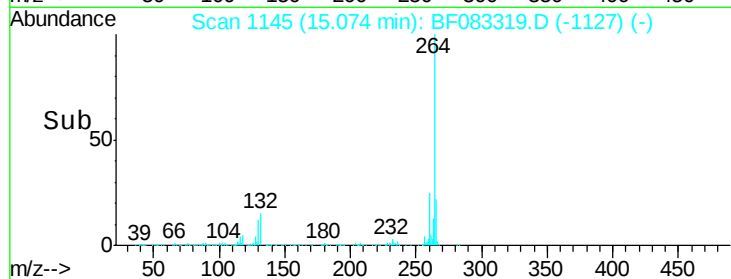
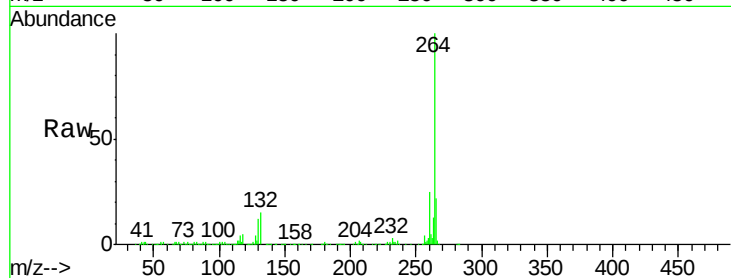
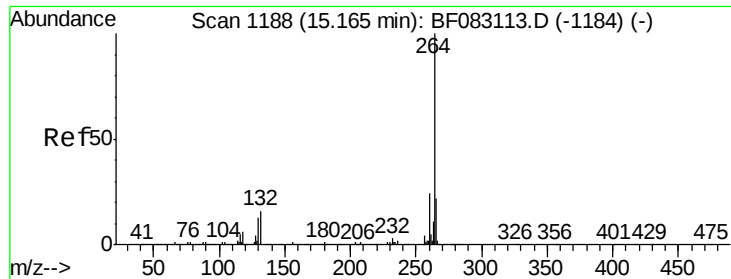
Tot Ion:240 Resp: 438708
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.4 8.2
 236 25.1 20.6 31.0



#78
 Terphenyl-d14
 Concen: 70.95 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:244 Resp: 1321843
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 12.8 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: BF083319.D
 Acq: 26 Nov 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	317368
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.8	18.2	27.4

