

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083304.D
 Acq On : 26 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4553-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:40:44 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

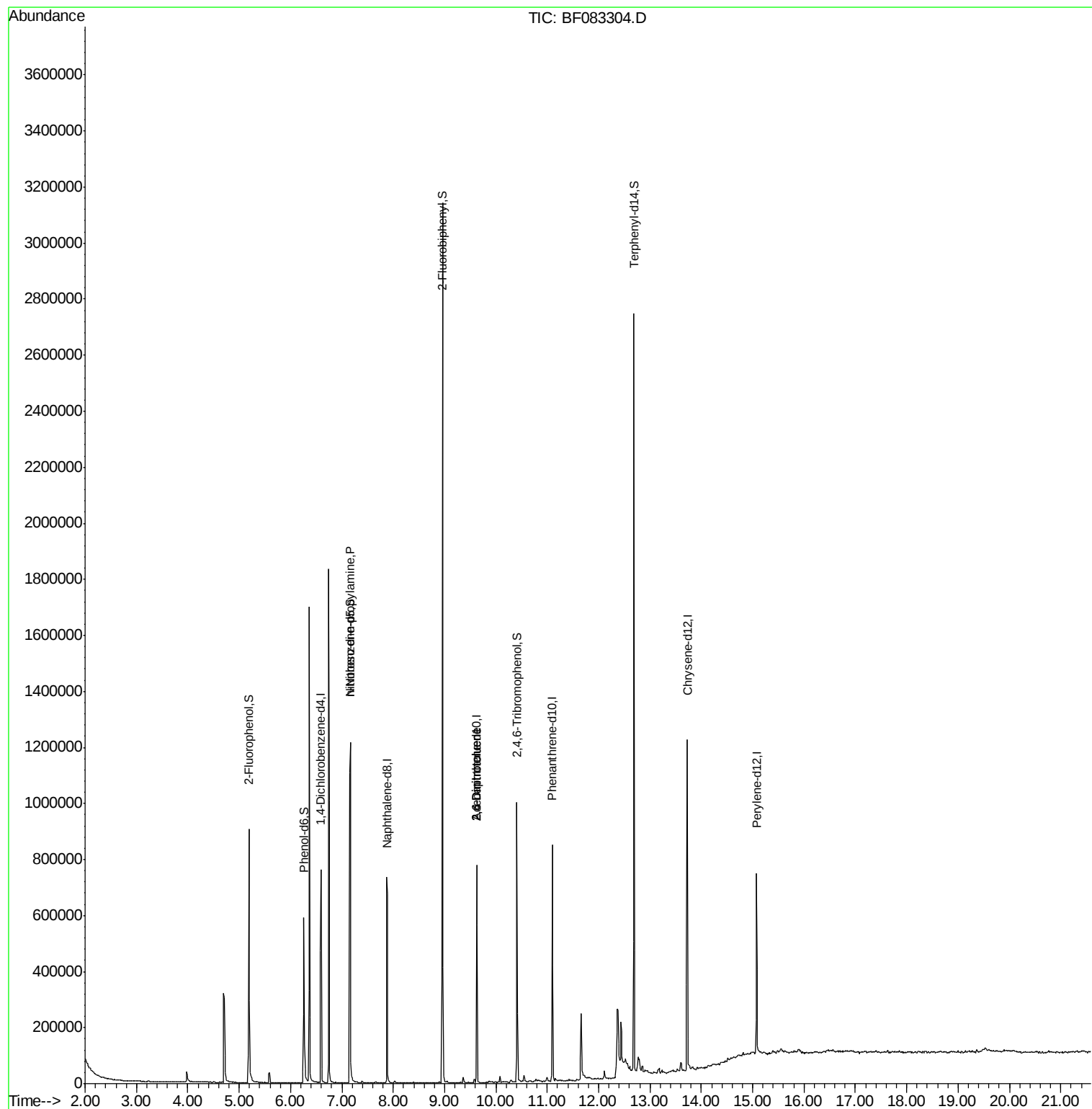
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	139516	20.00	ng	-0.07
21) Naphthalene-d8	7.88	136	478266	20.00	ng	-0.07
38) Acenaphthene-d10	9.62	164	199919	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	352635	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	412200	20.00	ng	-0.08
86) Perylene-d12	15.07	264	282551	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	283842	30.76	ng	-0.09
7) Phenol-d6	6.26	99	256549	21.49	ng	-0.08
23) Nitrobenzene-d5	7.16	82	605460	57.85	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	101476	49.61	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	898890	62.70	ng	-0.07
78) Terphenyl-d14	12.69	244	813048	46.45	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	79285	9.54	ng	# 73
50) 2,6-Dinitrotoluene	9.62	165	25126	7.28	ng	# 12
56) 2,4-Dinitrotoluene	9.62	165	25127	5.74	ng	# 9

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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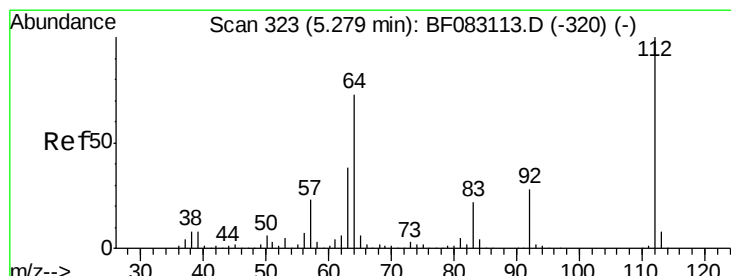
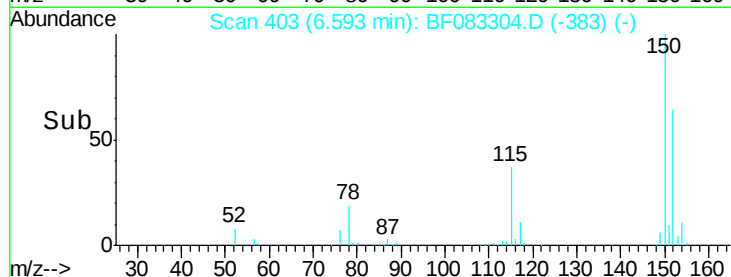
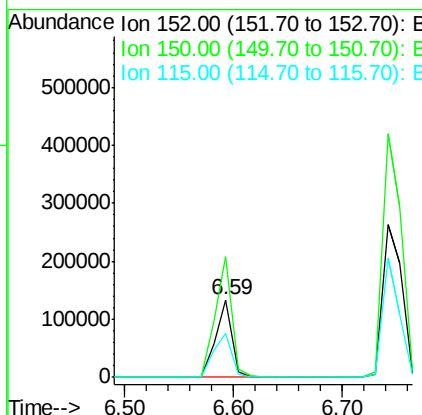
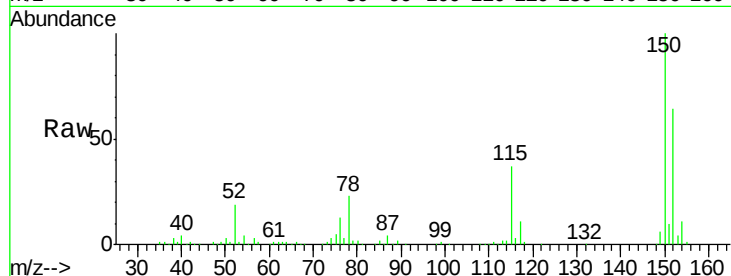




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

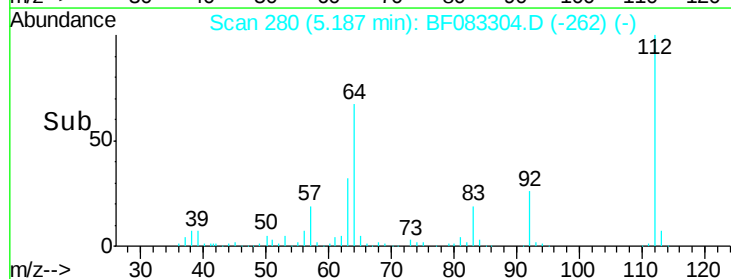
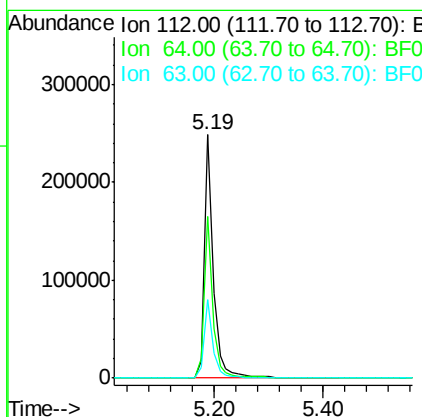
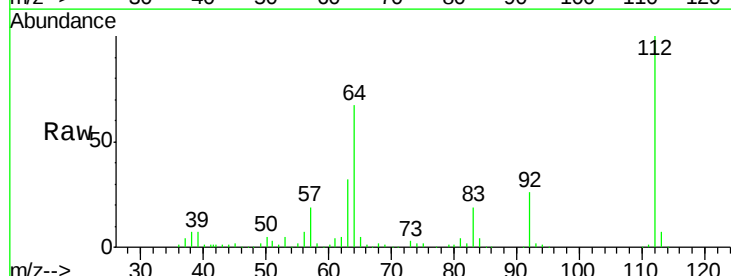
Instrument :
 BNA_F
 ClientSampleId :

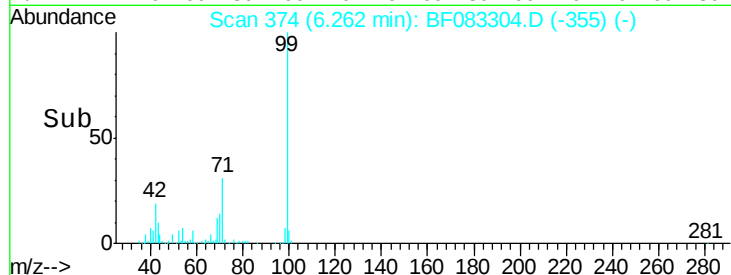
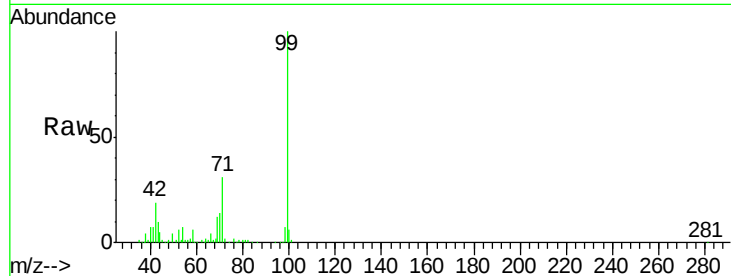
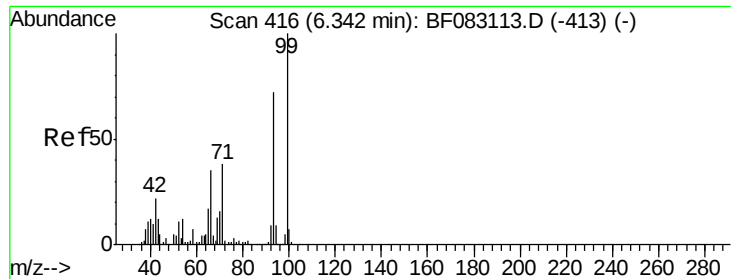
Tot Ion:152 Resp: 139516
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.8 188.8
 115 57.5 46.9 70.3



#5
 2-Fluorophenol
 Concen: 30.76 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Tgt Ion:112 Resp: 283842
 Ion Ratio Lower Upper
 112 100
 64 66.6 58.4 87.6
 63 32.3 30.0 45.0





#7

Phenol-d6

Concen: 21.49 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

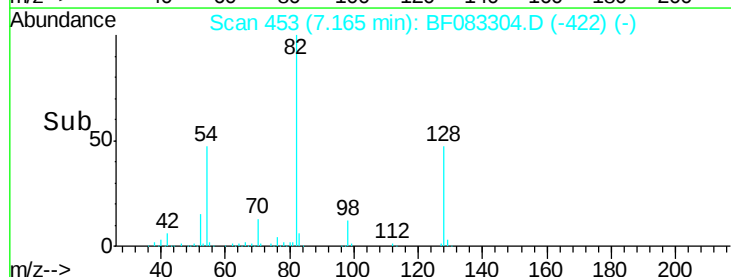
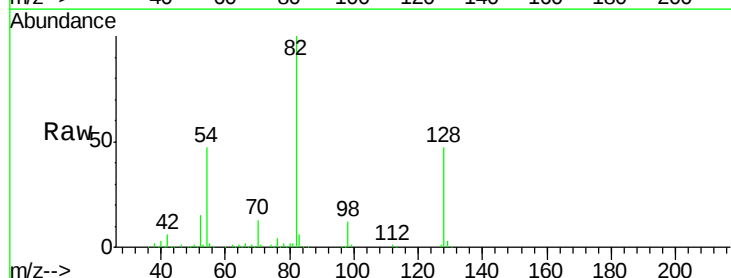
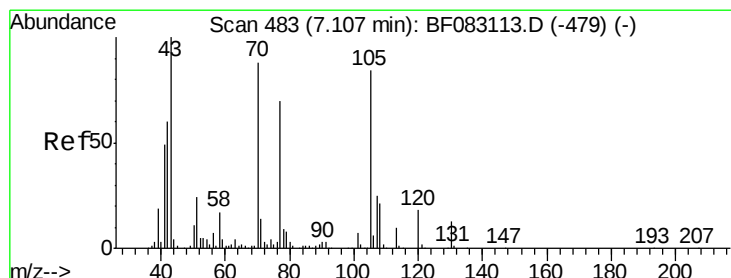
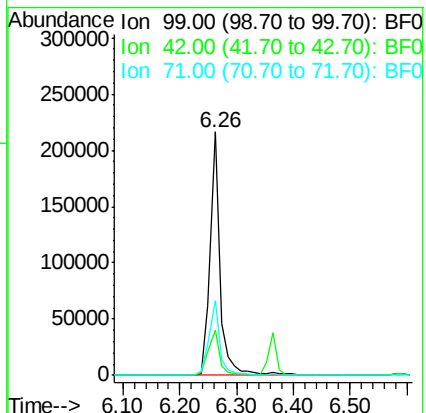
Tot Ion: 99 Resp: 256549

Ion Ratio Lower Upper

99 100

42 18.5 17.7 26.5

71 30.7 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.54 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Tgt Ion: 70 Resp: 79285

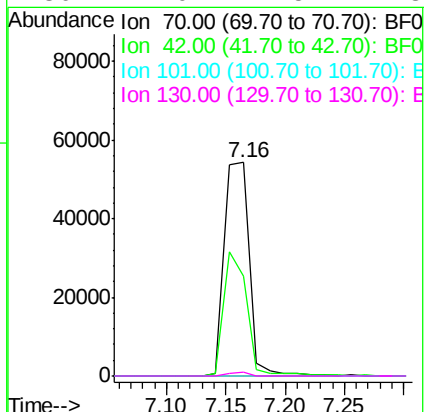
Ion Ratio Lower Upper

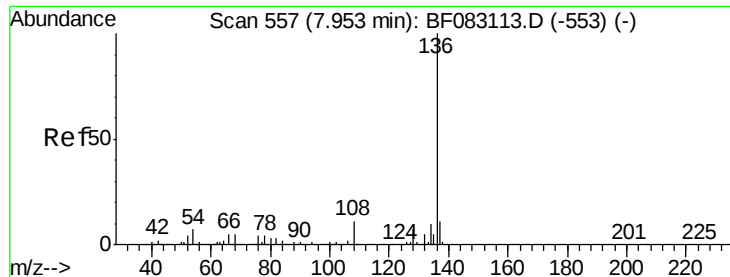
70 100

42 46.9 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

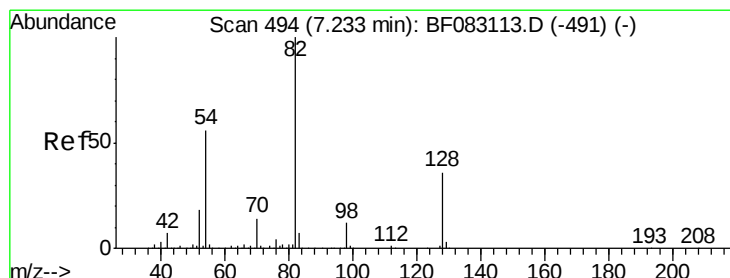
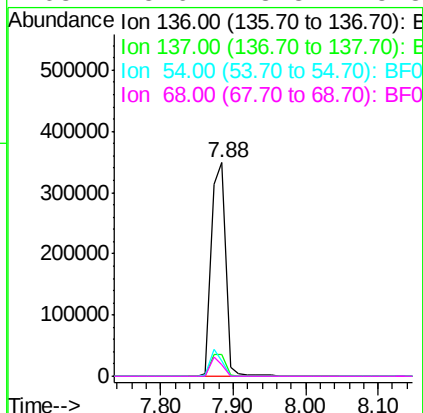
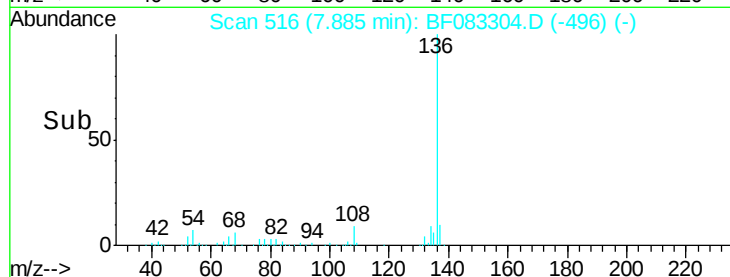
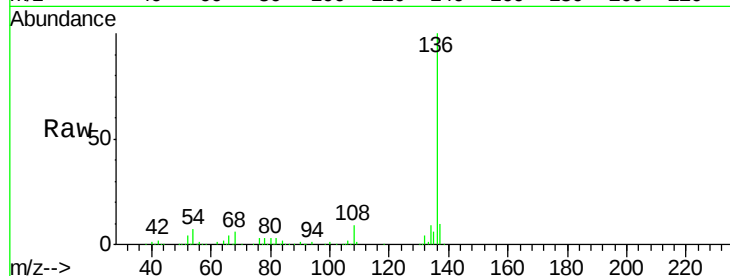




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

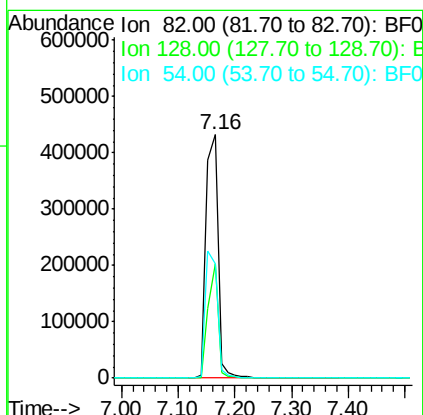
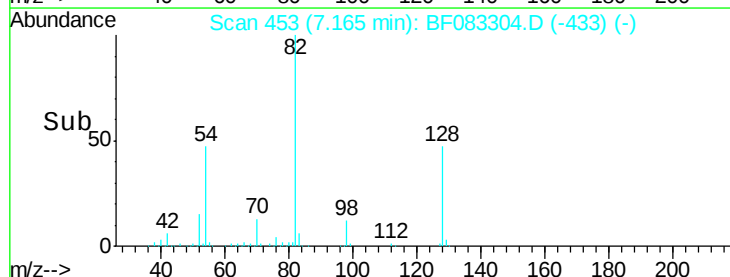
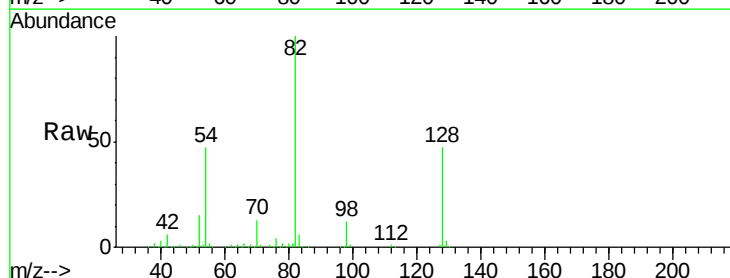
Instrument :
BNA_F
ClientSampleId :

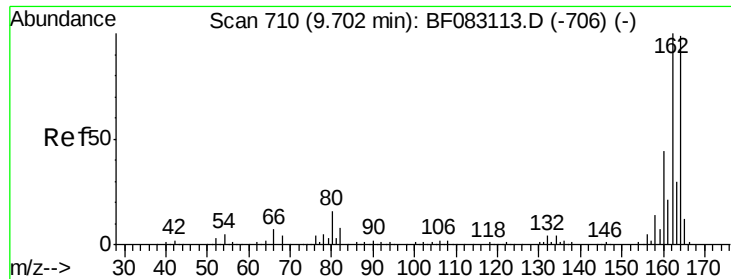
Tot Ion:136	Resp:	478266
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.7	13.1
54 7.0	5.8	8.6
68 5.6	3.8	5.8



#23
Nitrobenzene-d5
Concen: 57.85 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Tgt Ion: 82	Resp: 605460
Ion Ratio	Lower Upper
82 100	
128 46.7	28.5 42.7#
54 46.9	44.6 67.0

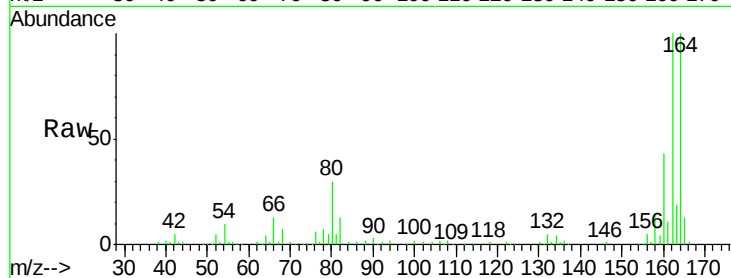




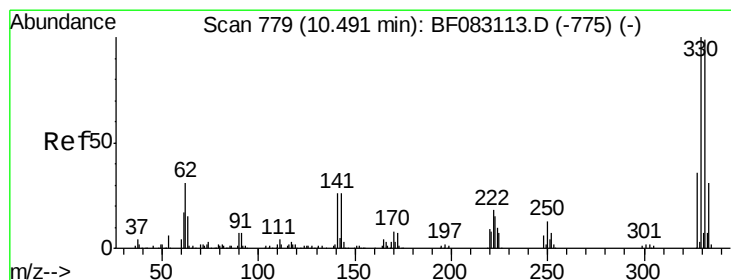
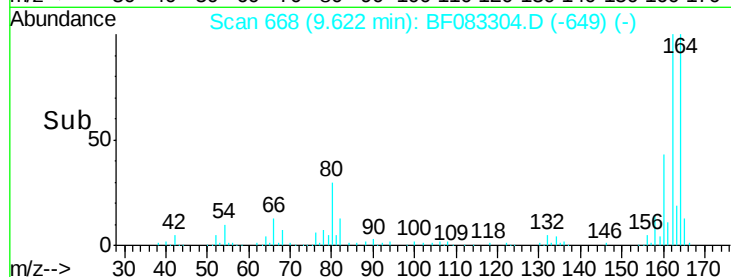
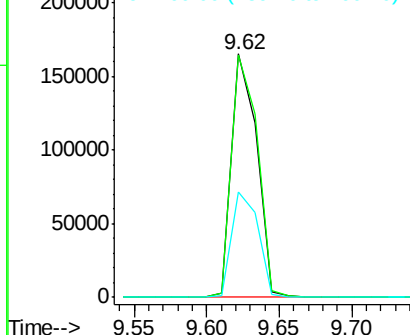
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 199919
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 43.4 35.6 53.4

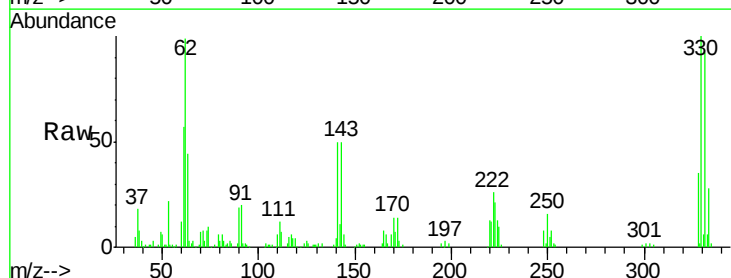


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

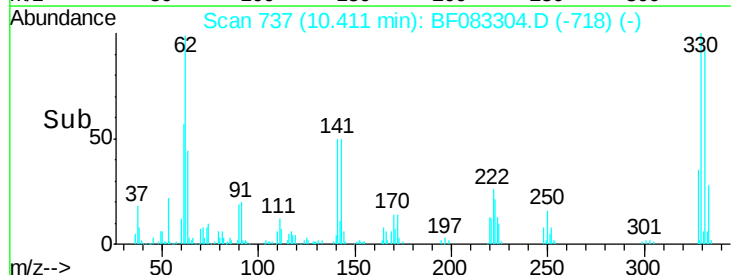
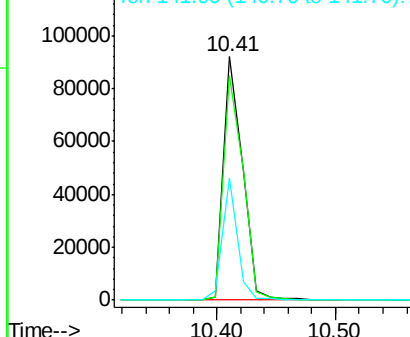


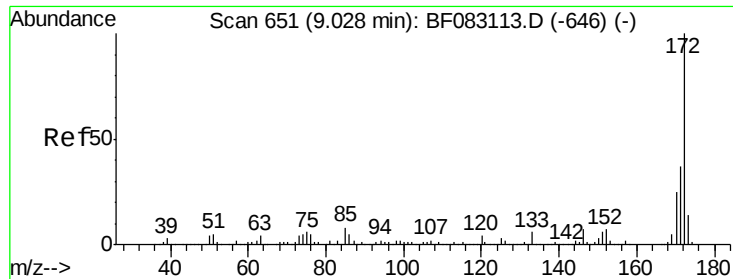
#41
2,4,6-Tribromophenol
Concen: 49.61 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Tgt Ion:330 Resp: 101476
Ion Ratio Lower Upper
330 100
332 94.8 77.7 116.5
141 39.1 29.7 44.5



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

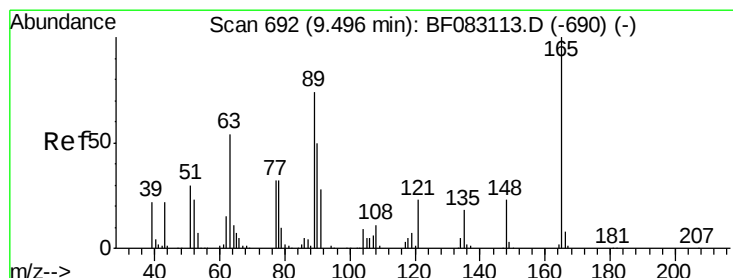
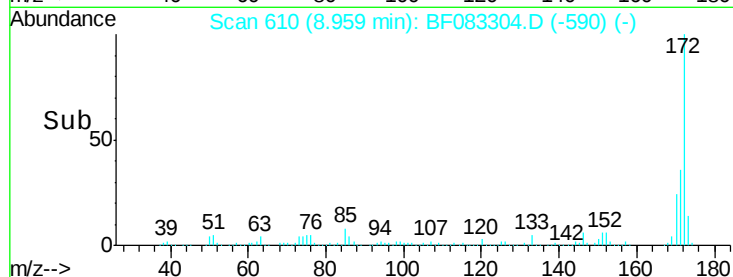
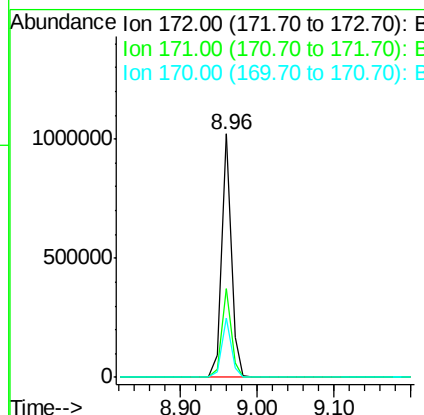
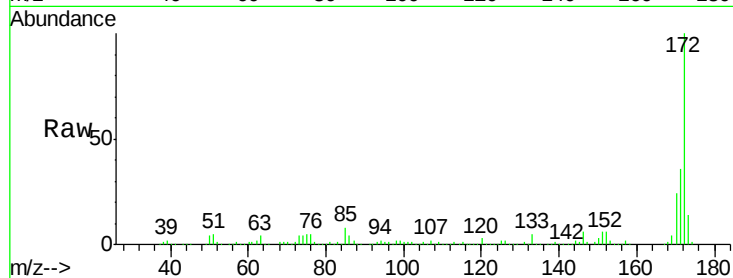




#44
 2-Fluorobiphenyl
 Concen: 62.70 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

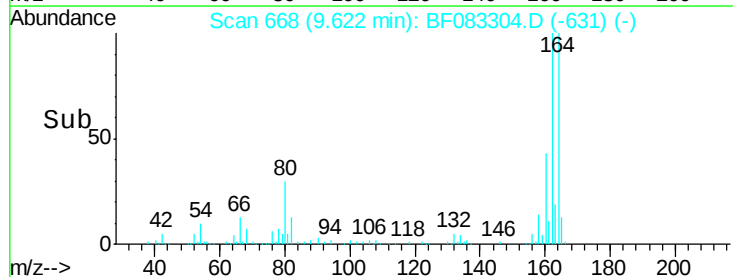
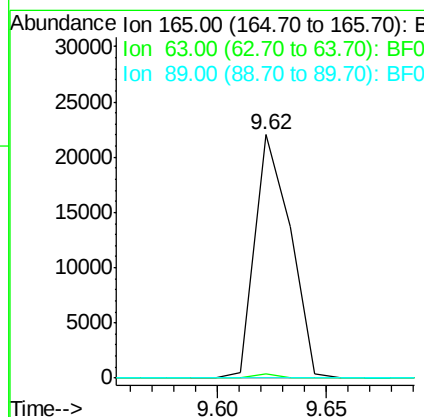
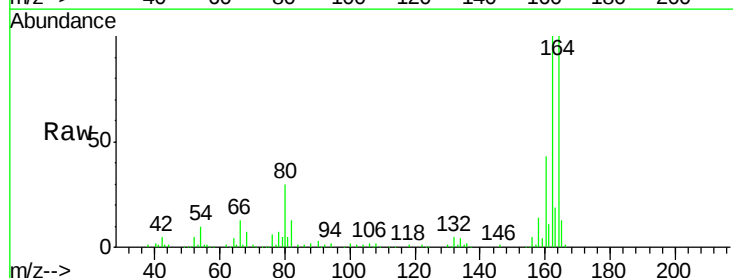
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	24.4	19.9	29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.5	93.7#
89	0.0	59.1	88.7#

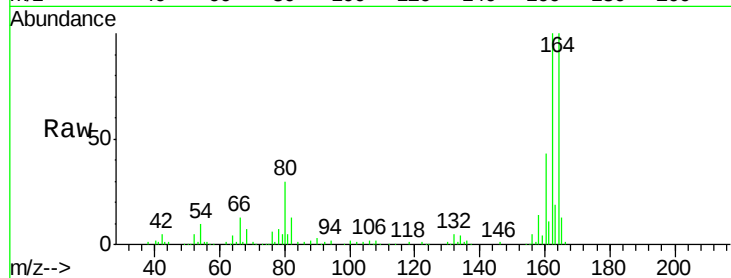




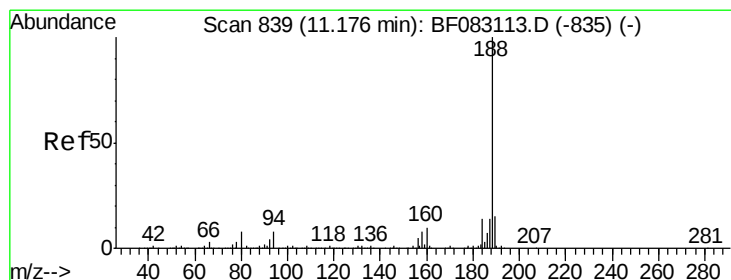
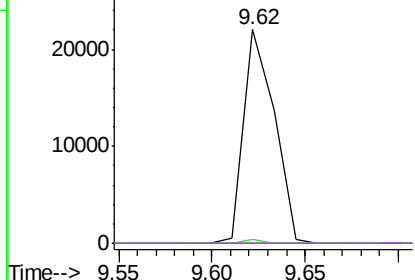
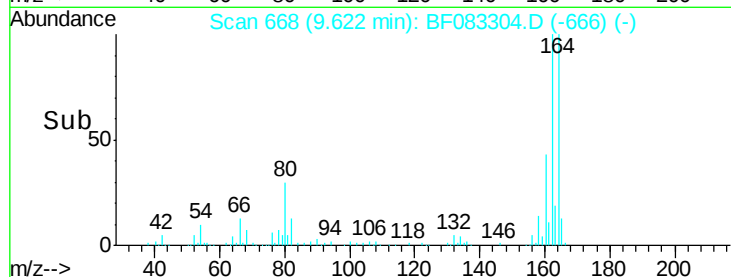
#56
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 25127
Ion Ratio Lower Upper
165 100
63 1.8 54.5 81.7#
89 0.0 77.3 115.9#
182 0.0 1.8 2.6#

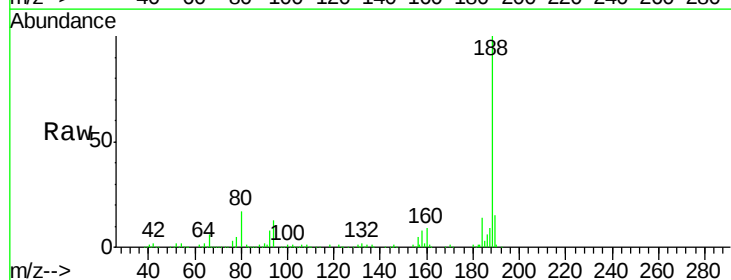


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

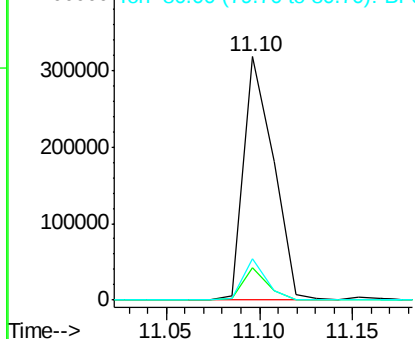
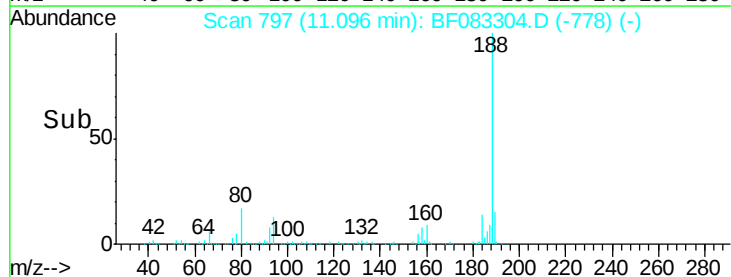


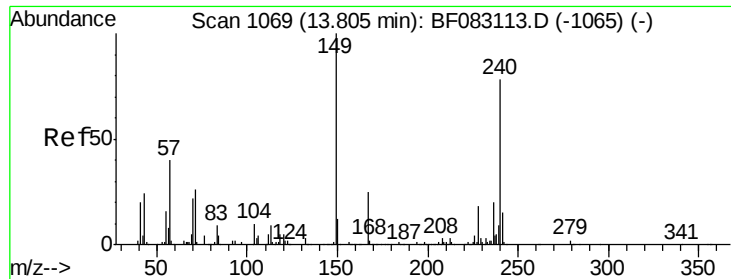
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Tgt Ion:188 Resp: 352635
Ion Ratio Lower Upper
188 100
94 13.4 6.0 9.0#
80 17.0 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

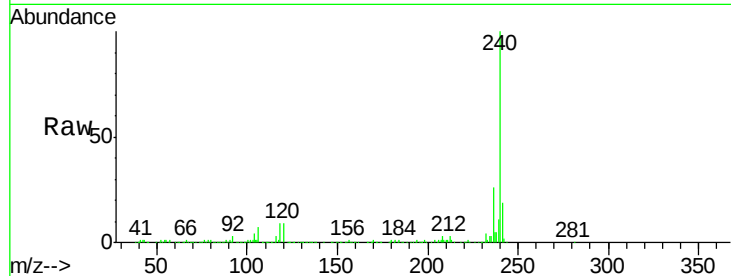
Tot Ion:240 Resp: 412200

Ion Ratio Lower Upper

240 100

120 9.3 5.4 8.2#

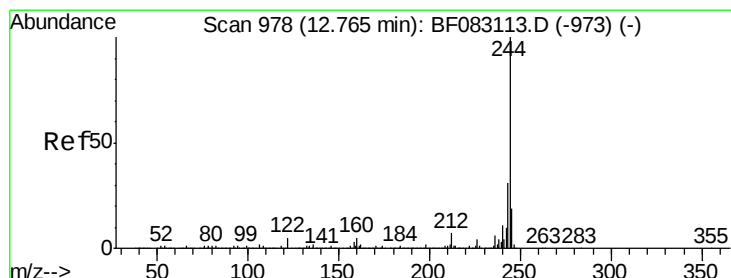
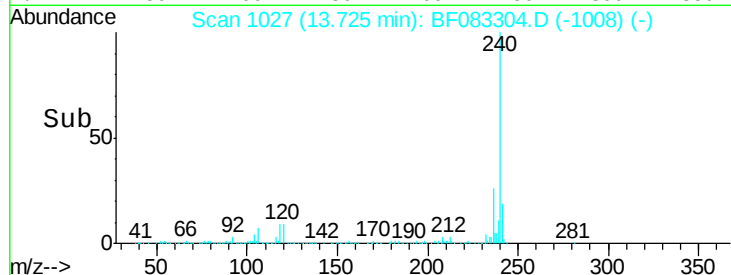
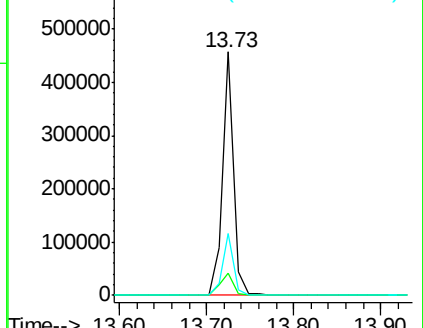
236 25.5 20.6 31.0



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: 46.45 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

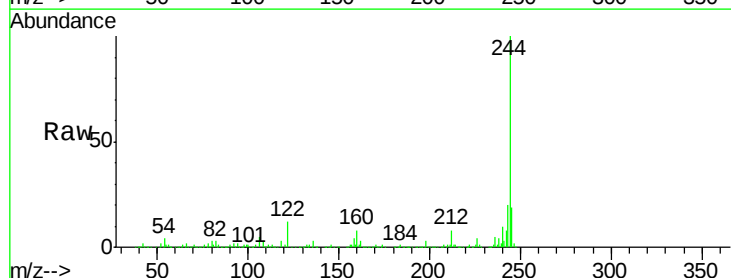
Tgt Ion:244 Resp: 813048

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

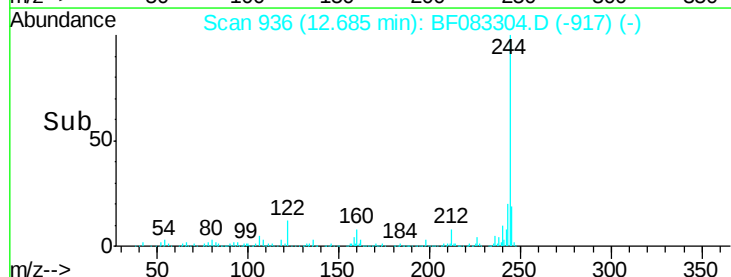
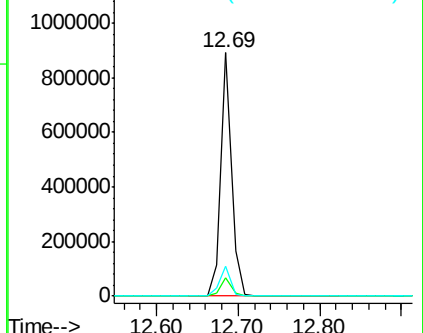
122 12.4 4.3 6.5#

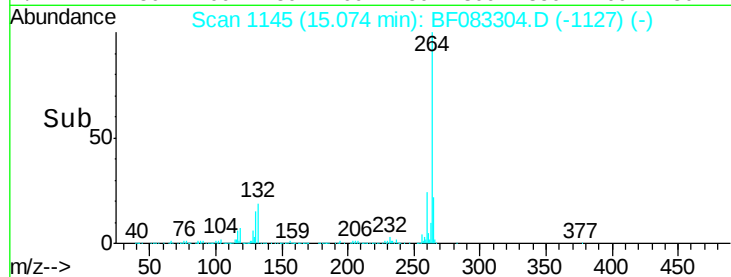
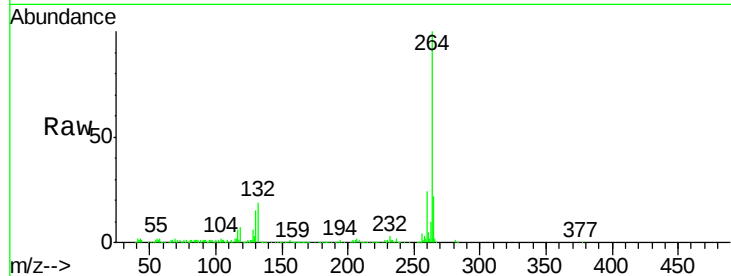
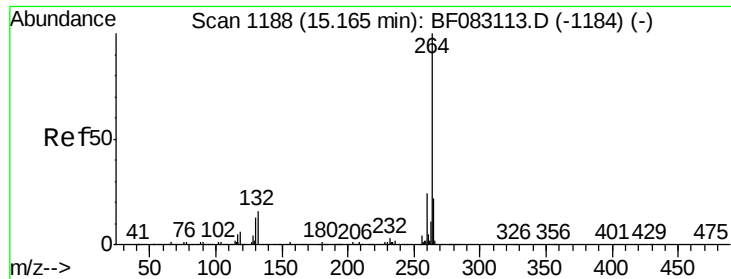


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	264	Resp:	282551
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	18.2	27.4

