

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083315.D
 Acq On : 26 Nov 2015 13:01
 Operator : UM/IZ
 Sample : G4534-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:34:13 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

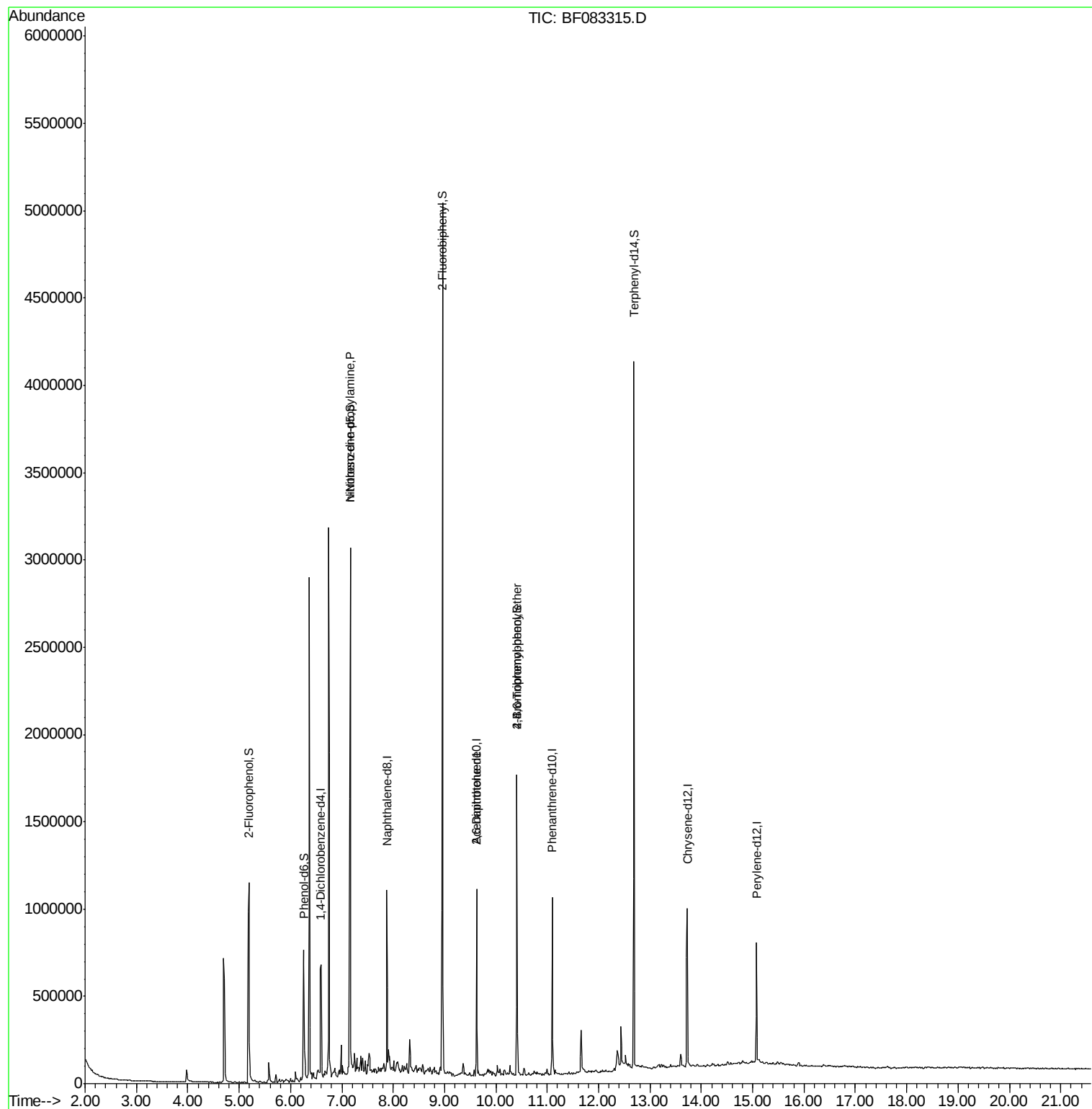
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	141895	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	479829	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	206867	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	354706	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	404017	20.00	ng	-0.08
86) Perylene-d12	15.07	264	295679	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	474840	50.59	ng	-0.09
7) Phenol-d6	6.26	99	399639	32.91	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1163882	110.84	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	180435	85.26	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1439835	97.06	ng	-0.07
78) Terphenyl-d14	12.69	244	1228101	71.58	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.15	77	1926	Below Cal	#	68
19) n-Nitroso-di-n-propylamine	7.16	70	163639	19.36	ng	# 75
50) 2,6-Dinitrotoluene	9.62	165	26777	7.49	ng	# 14
66) 4-Bromophenyl-phenylether	10.41	248	12366	3.14	ng	# 1

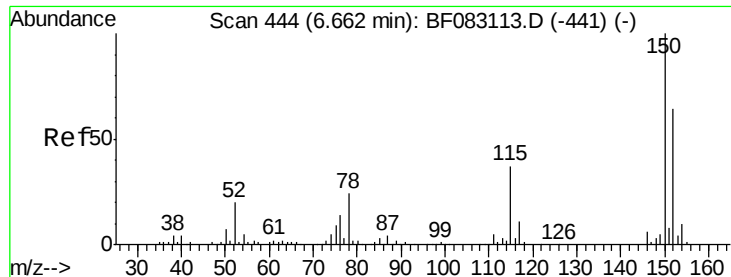
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 16:34:13 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



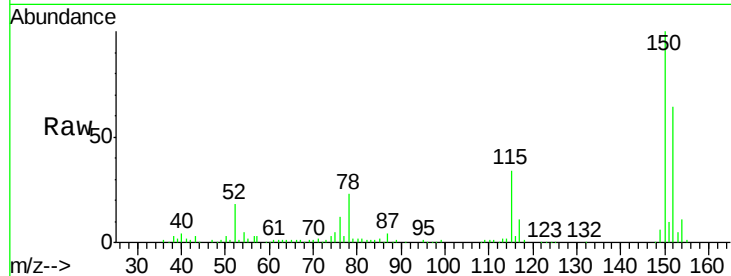


#1

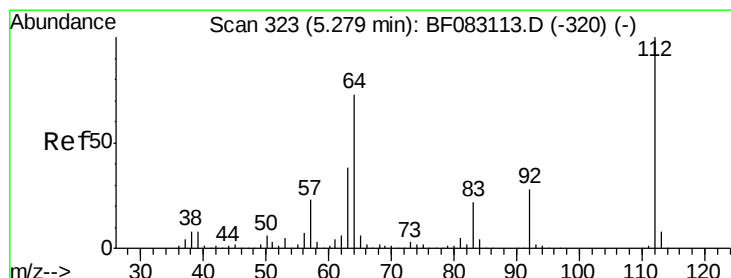
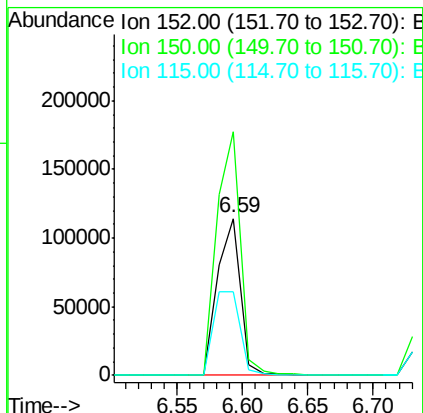
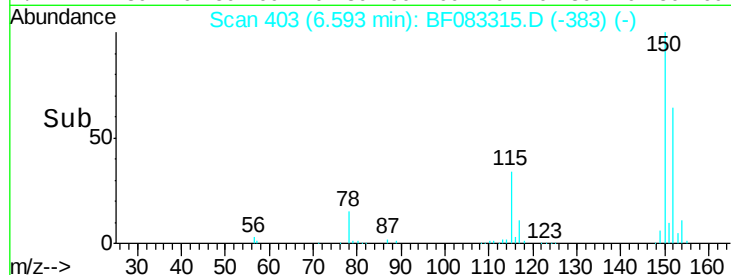
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141895
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.8
115 53.6 46.9 70.3



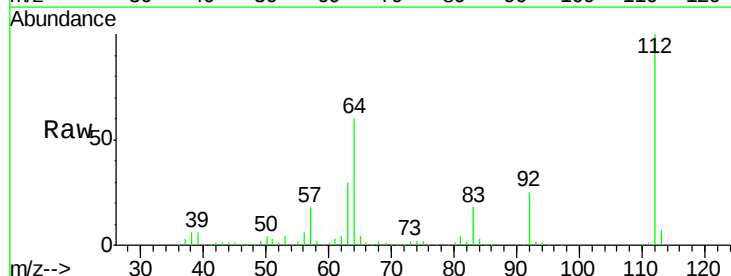
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



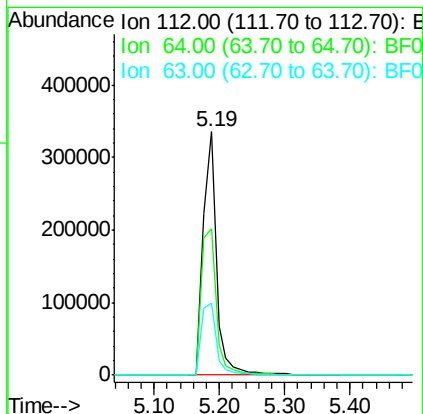
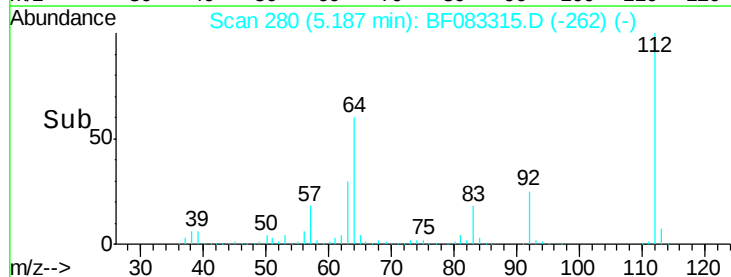
#5

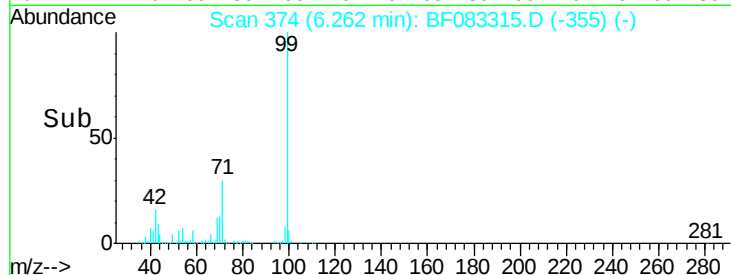
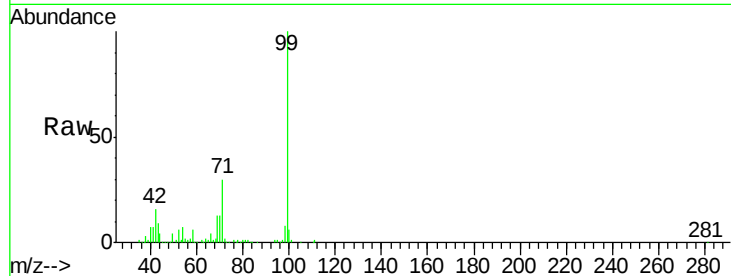
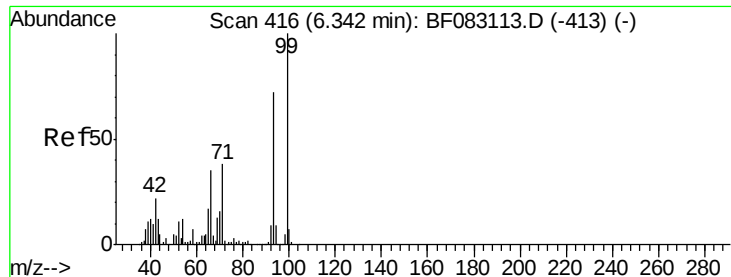
2-Fluorophenol
Concen: 50.59 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Tgt Ion:112 Resp: 474840
Ion Ratio Lower Upper
112 100
64 60.3 58.4 87.6
63 29.6 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: 32.91 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083315.D

Acq: 26 Nov 2015 13:01

Instrument :

BNA_F

ClientSampleId :

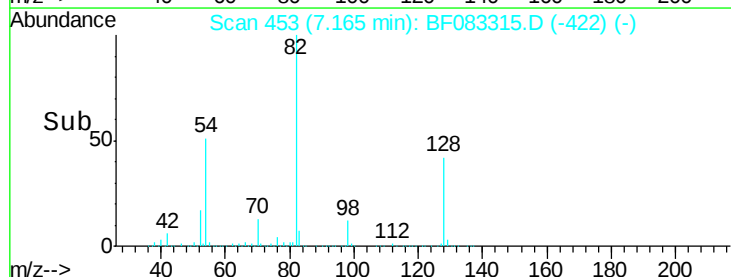
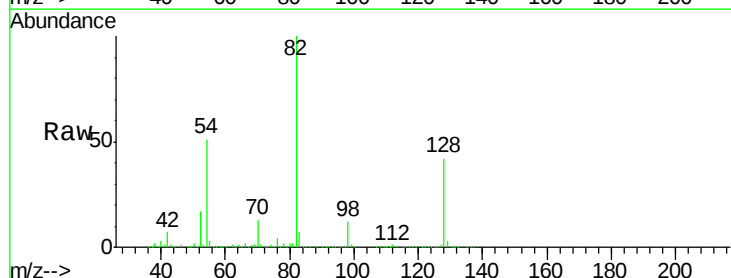
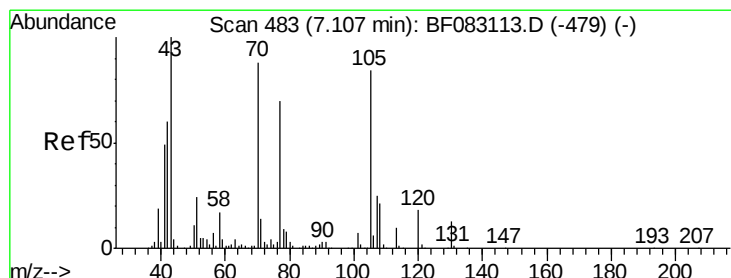
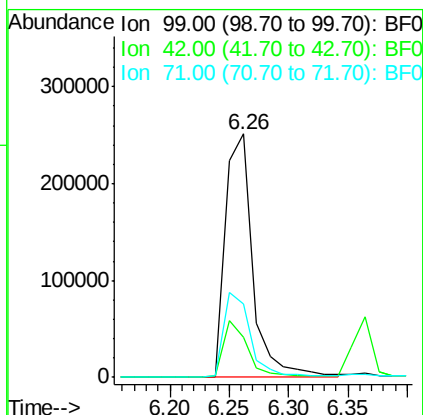
Tot Ion: 99 Resp: 399639

Ion Ratio Lower Upper

99 100

42 16.5 17.7 26.5#

71 30.4 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.36 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083315.D

Acq: 26 Nov 2015 13:01

Tgt Ion: 70 Resp: 163639

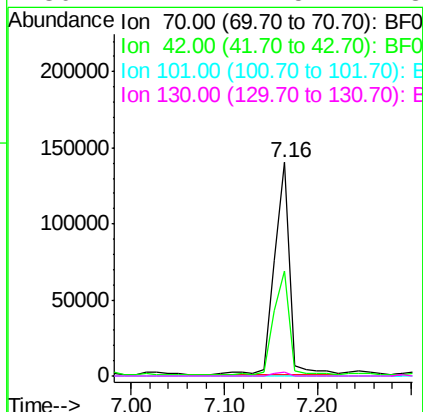
Ion Ratio Lower Upper

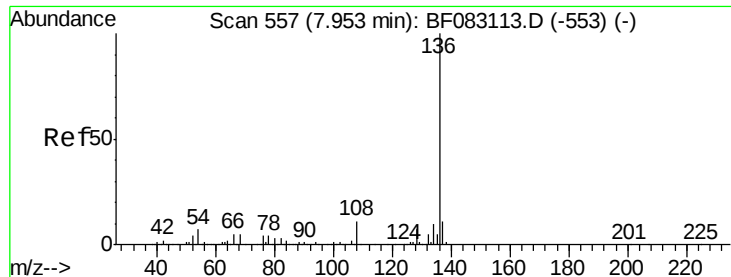
70 100

42 49.1 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: BF083315.D

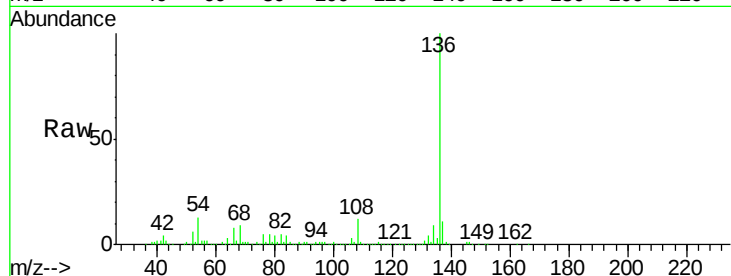
Acq: 26 Nov 2015 13:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	479829
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	13.5	5.8 8.6#
68	9.4	3.8 5.8#

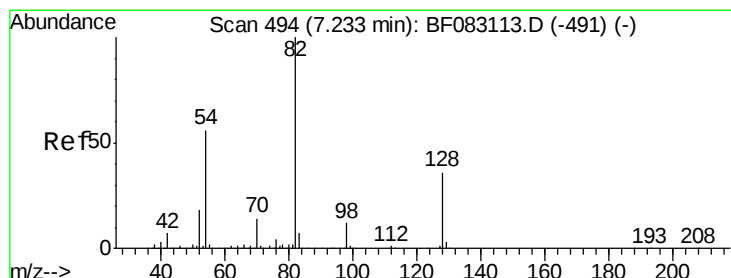
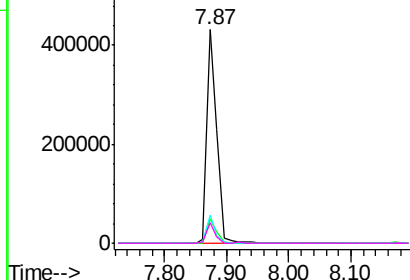
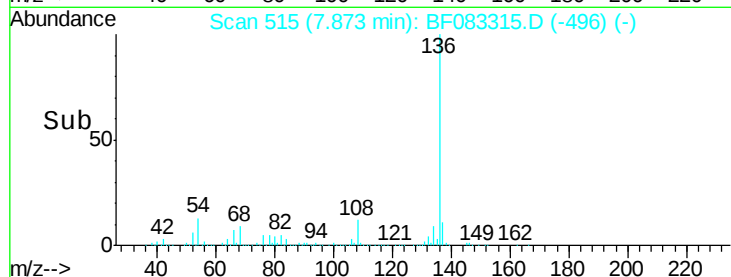


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.84 ng

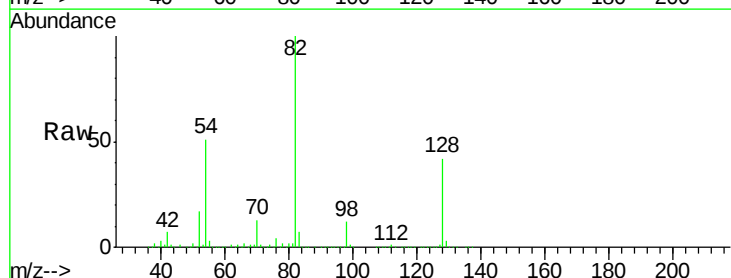
RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083315.D

Acq: 26 Nov 2015 13:01

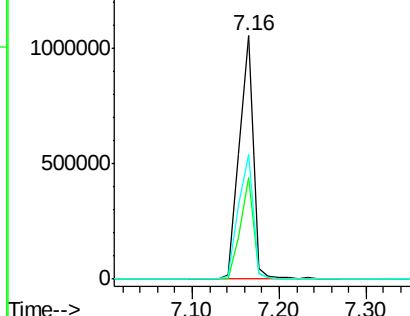
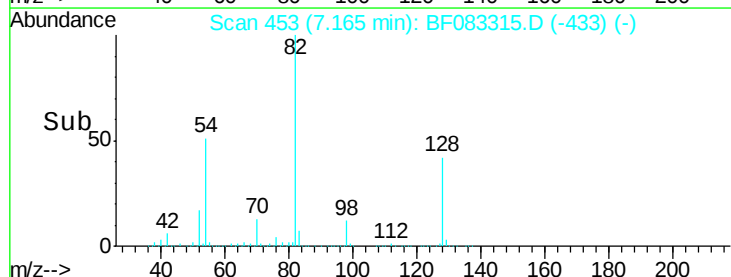
Tgt	Ion: 82	Resp: 1163882	
Ion	Ratio	Lower	Upper
82	100		
128	41.8	28.5	42.7
54	51.0	44.6	67.0

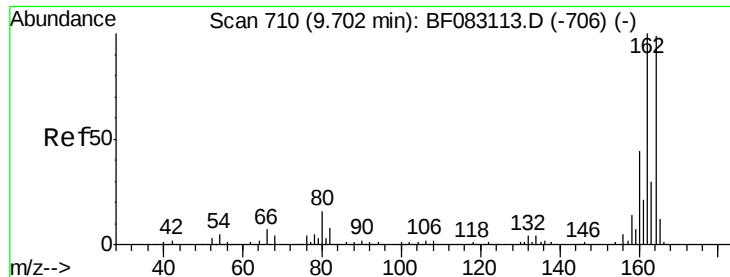


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

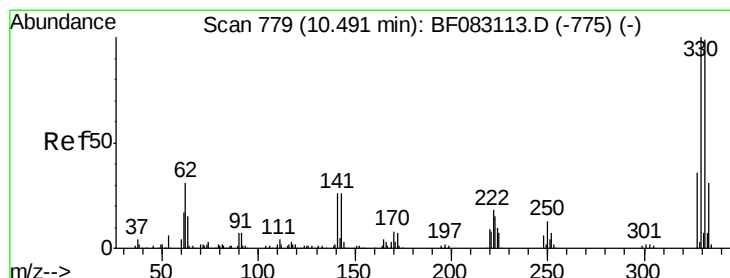
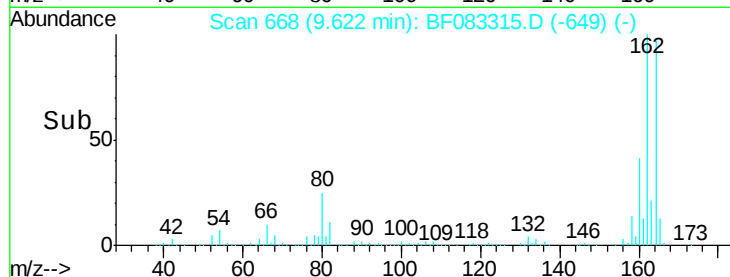
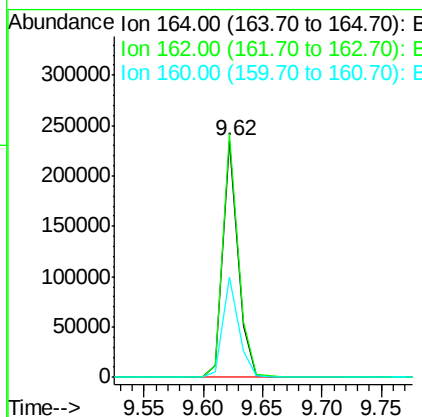
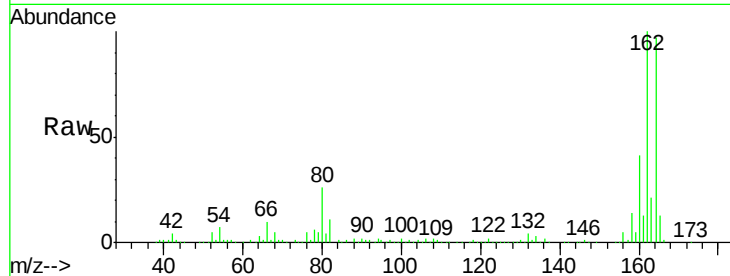




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

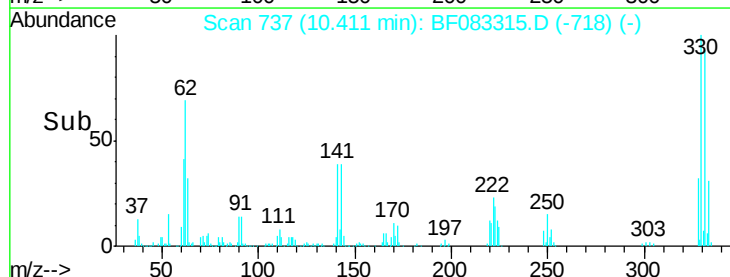
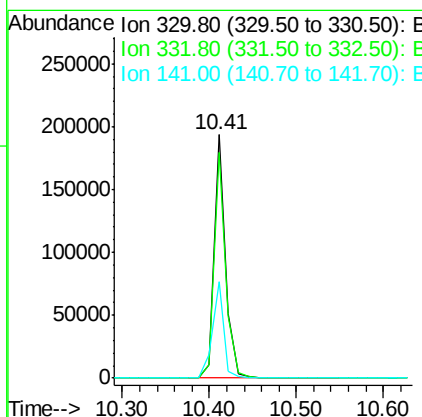
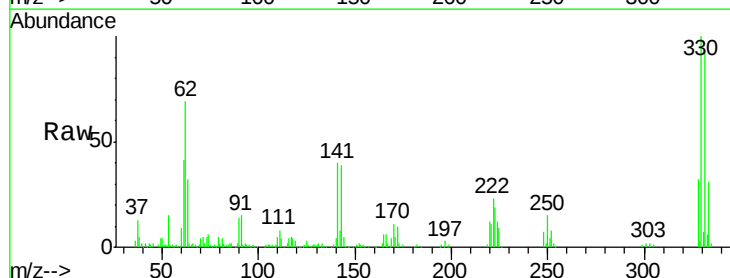
Instrument :
BNA_F
ClientSampleId :

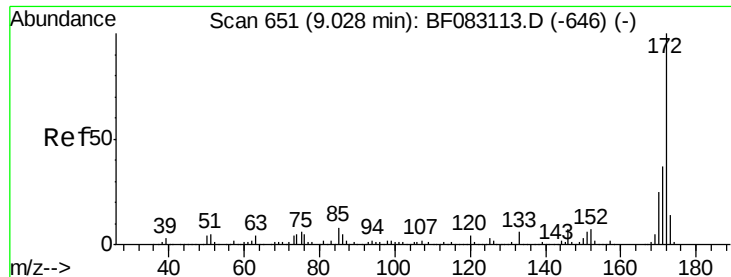
Tot Ion:164 Resp: 206867
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 42.3 35.6 53.4



#41
2,4,6-Tribromophenol
Concen: 85.26 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Tgt Ion:330 Resp: 180435
Ion Ratio Lower Upper
330 100
332 93.6 77.7 116.5
141 39.9 29.7 44.5

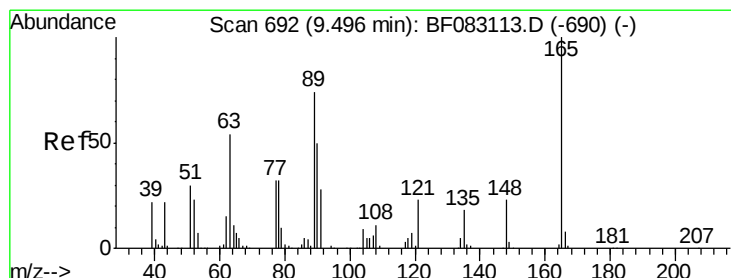
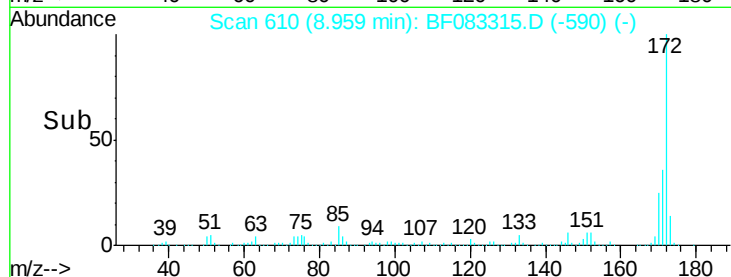
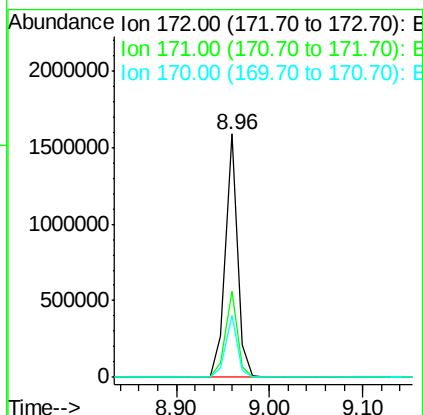
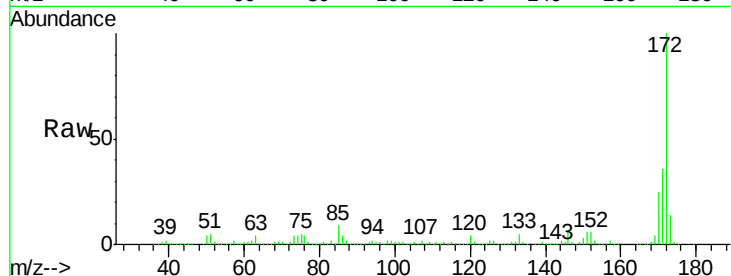




#44
2-Fluorobiphenyl
Concen: 97.06 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

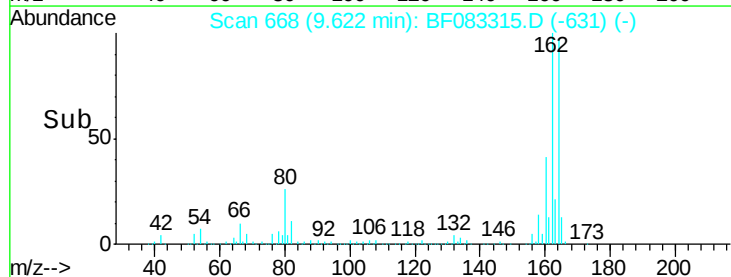
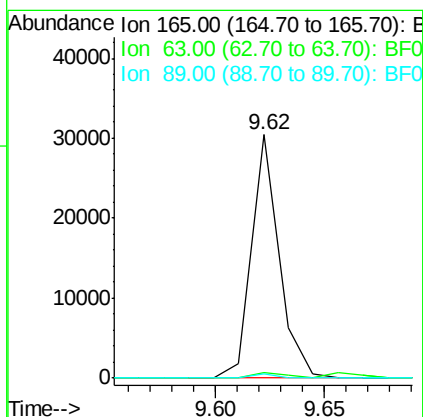
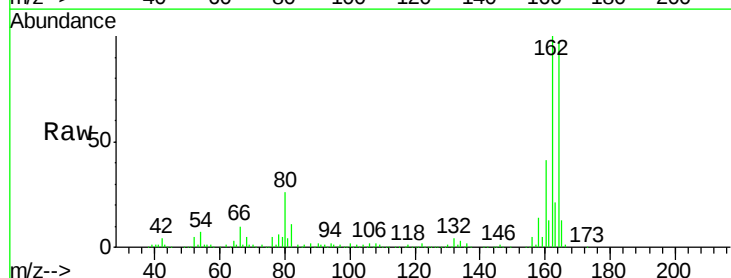
Instrument :
BNA_F
ClientSampleId :

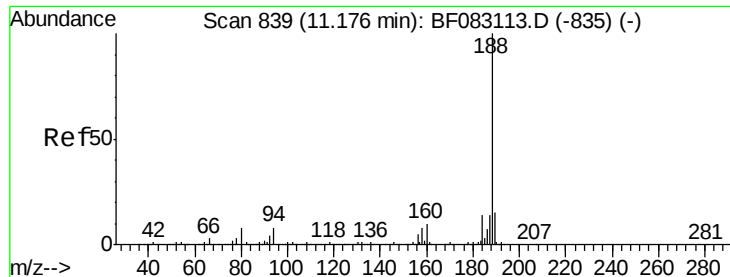
Tot Ion:172 Resp: 1439835
Ion Ratio Lower Upper
172 100
171 35.6 29.5 44.3
170 25.2 19.9 29.9



#50
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.13 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Tgt Ion:165 Resp: 26777
Ion Ratio Lower Upper
165 100
63 2.2 62.5 93.7#
89 2.0 59.1 88.7#

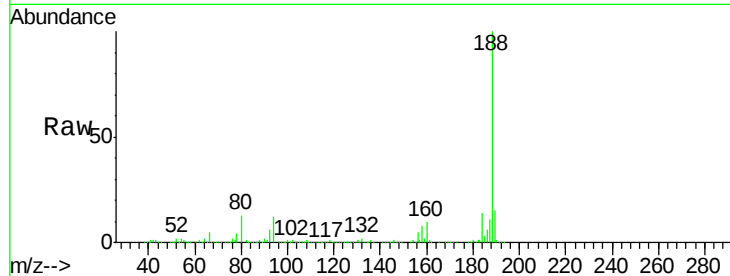




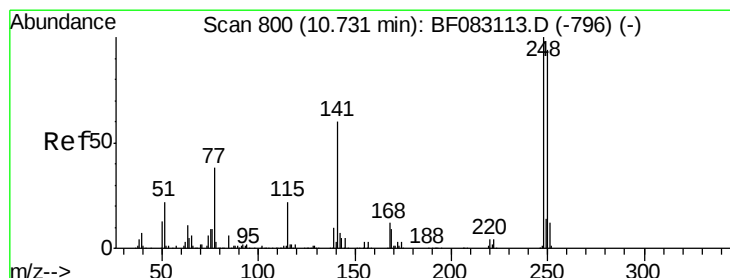
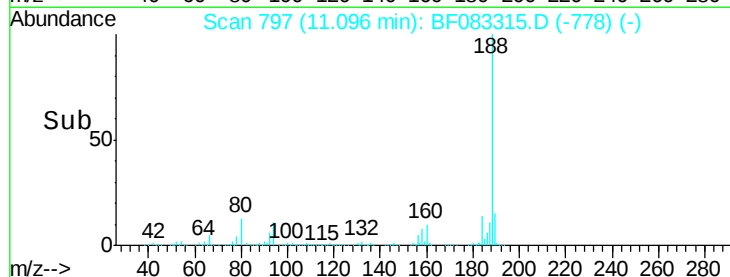
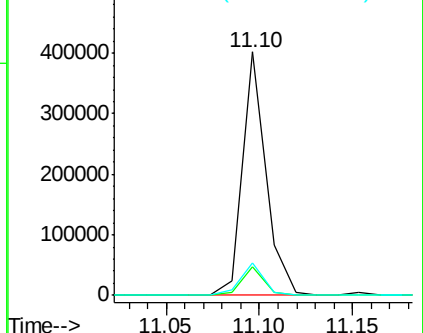
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 354706
Ion Ratio Lower Upper
188 100
94 11.5 6.0 9.0#
80 13.5 6.7 10.1#

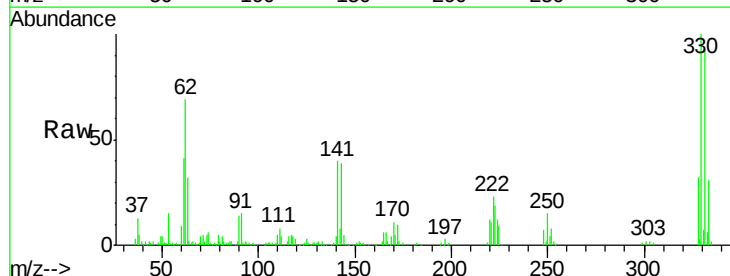


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

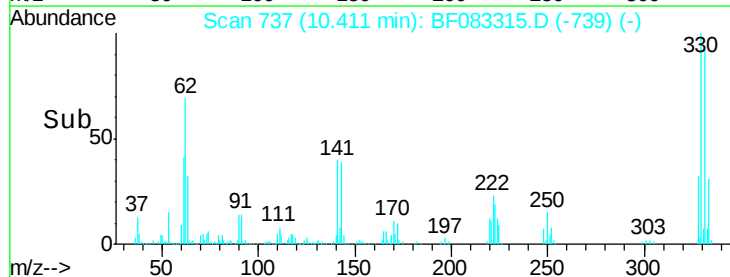
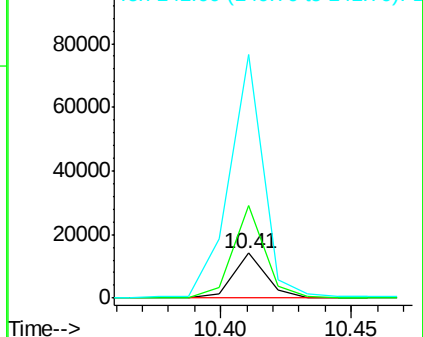


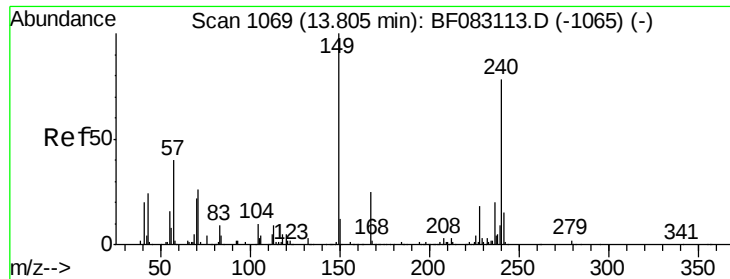
#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Tgt Ion:248 Resp: 12366
Ion Ratio Lower Upper
248 100
250 205.8 75.4 113.2#
141 541.5 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083315.D

Acq: 26 Nov 2015 13:01

Instrument :

BNA_F

ClientSampleId :

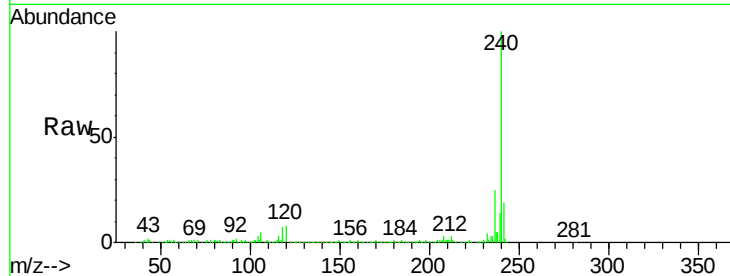
Tot Ion:240 Resp: 404017

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.2

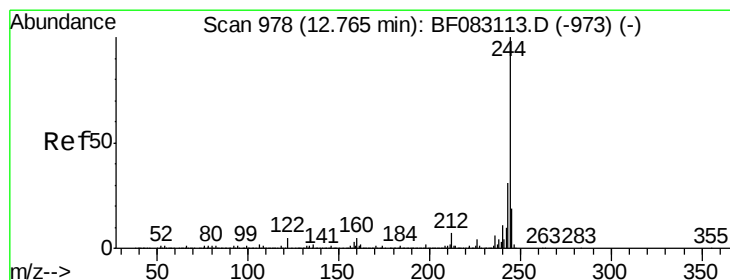
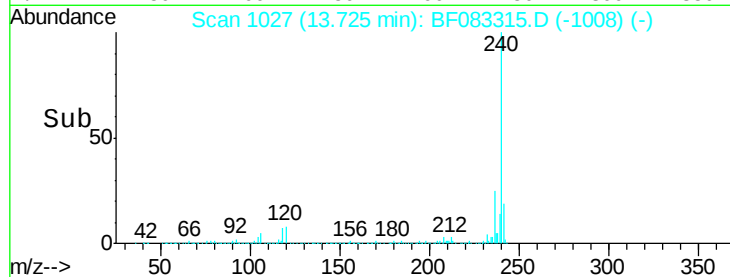
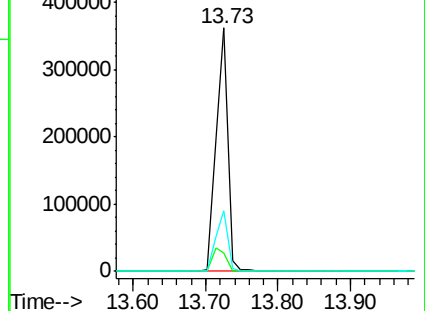
236 25.0 20.6 31.0



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: 71.58 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083315.D

Acq: 26 Nov 2015 13:01

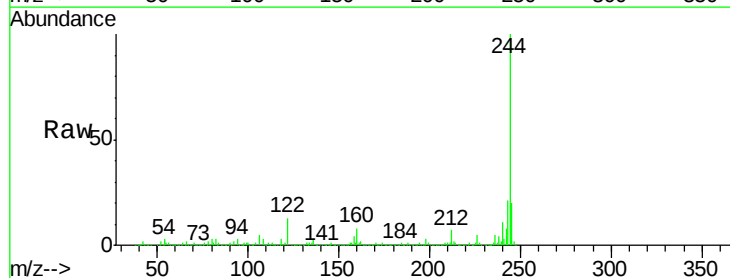
Tgt Ion:244 Resp: 1228101

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

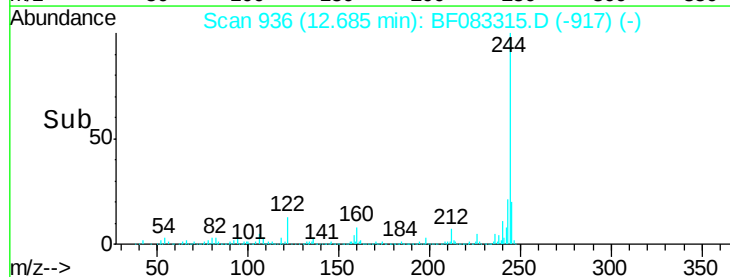
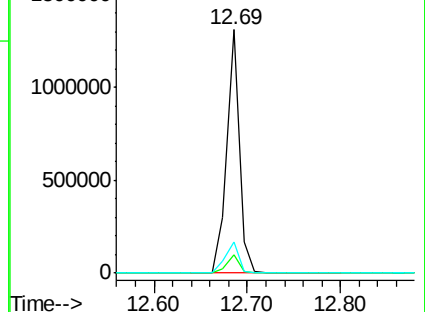
122 12.8 4.3 6.5#

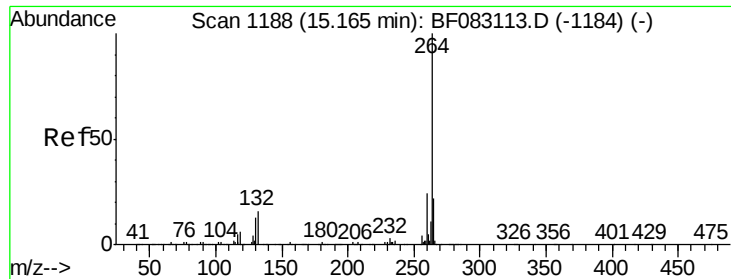


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

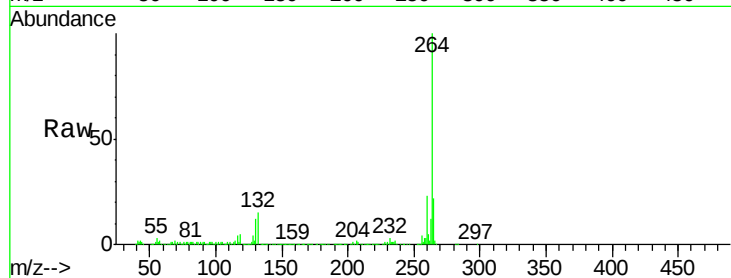




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083315.D
Acq: 26 Nov 2015 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	21.7	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

