

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083367.D
 Acq On : 1 Dec 2015 7:48
 Operator : UM/IZ
 Sample : G4503-04RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:12:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

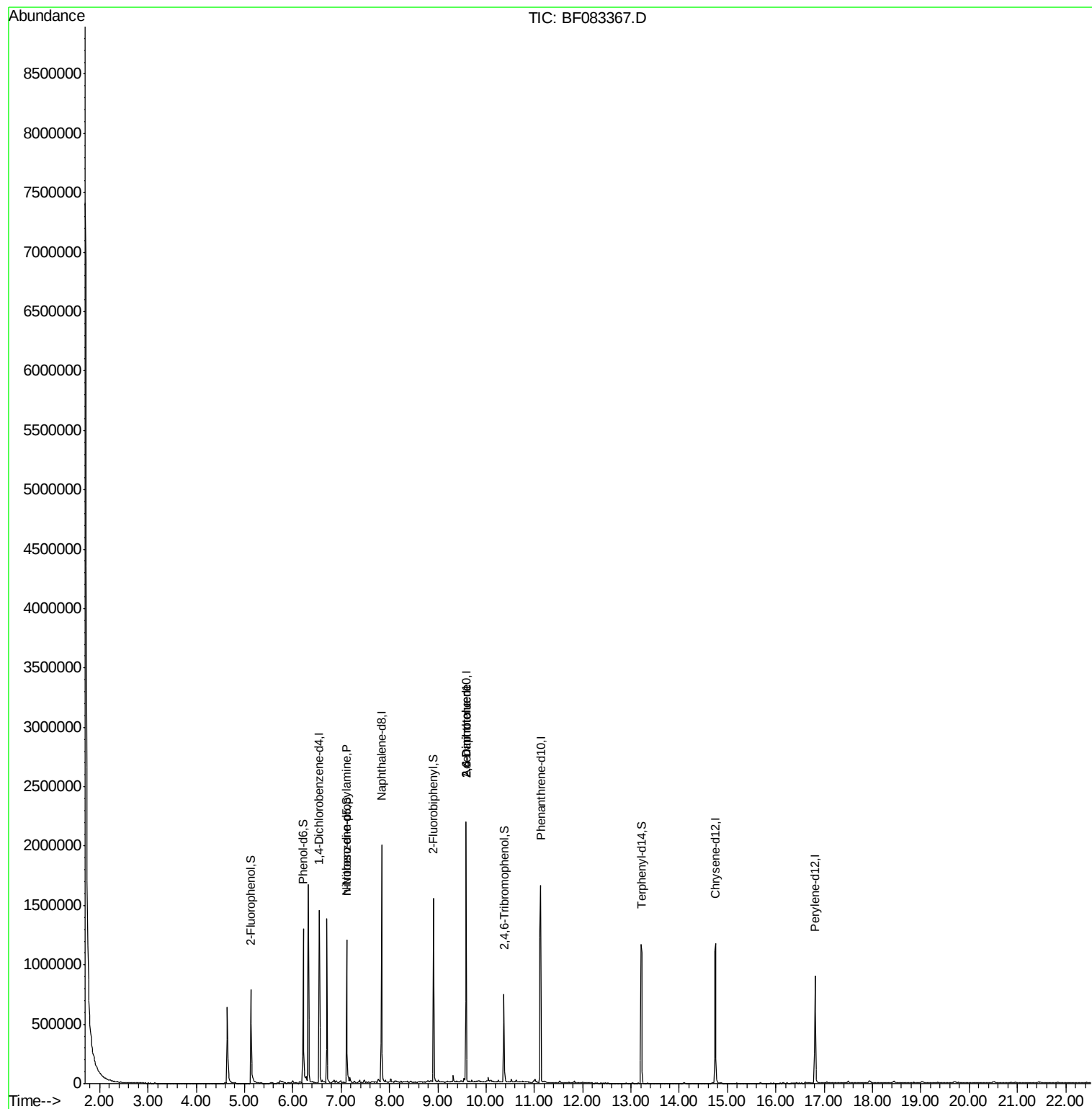
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	219221	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	830638	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	447548	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	831048	20.00	ng	0.00
75) Chrysene-d12	14.75	240	703605	20.00	ng	-0.01
86) Perylene-d12	16.81	264	503920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	322628	22.08	ng	0.00
7) Phenol-d6	6.21	99	508262	25.42	ng	-0.01
23) Nitrobenzene-d5	7.12	82	390367	20.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	104973	23.37	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	646186	20.58	ng	-0.01
78) Terphenyl-d14	13.22	244	599338	20.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	427	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	51424	3.60 ng	#	83
50) 2,6-Dinitrotoluene	9.58	165	58687	7.56 ng	#	19
56) 2,4-Dinitrotoluene	9.58	165	58687	5.95 ng	#	7

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083367.D

Acq: 1 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

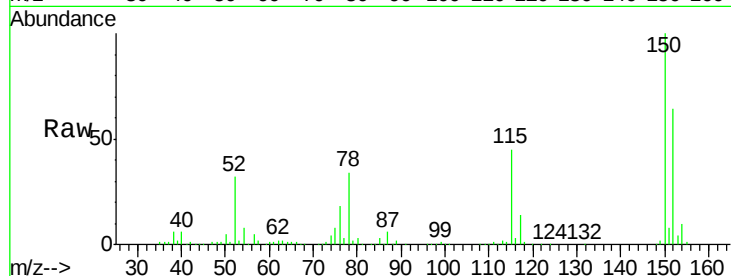
Tot Ion:152 Resp: 219221

Ion Ratio Lower Upper

152 100

150 157.5 129.8 194.8

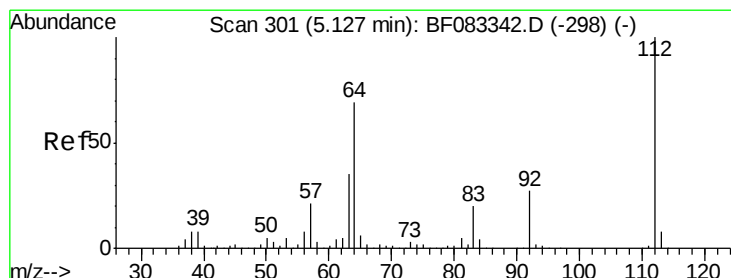
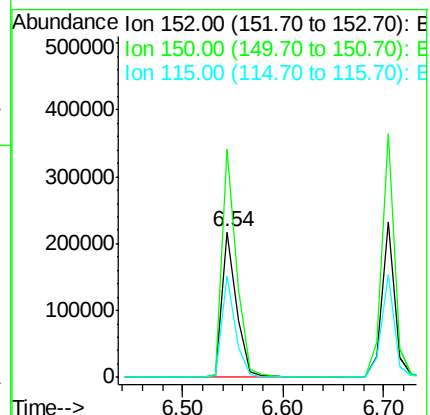
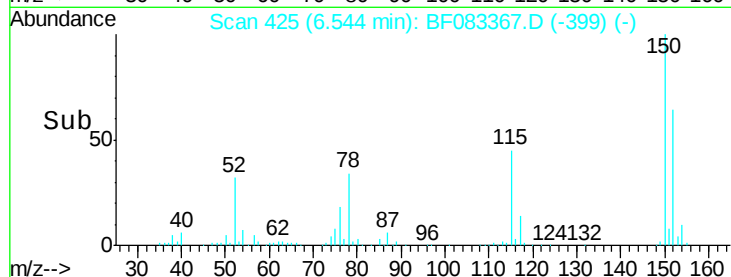
115 70.2 59.2 88.8



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: 22.08 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083367.D

Acq: 1 Dec 2015 7:48

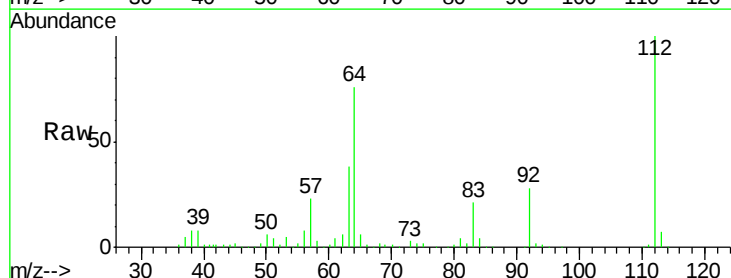
Tgt Ion:112 Resp: 322628

Ion Ratio Lower Upper

112 100

64 76.0 55.6 83.4

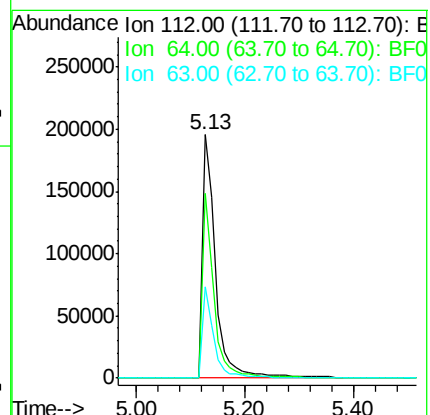
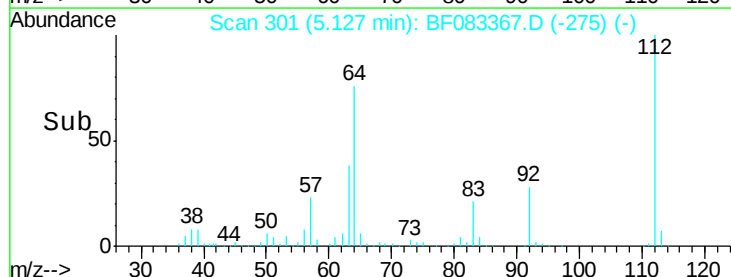
63 37.7 28.2 42.2



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: 25.42 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083367.D

Acq: 1 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

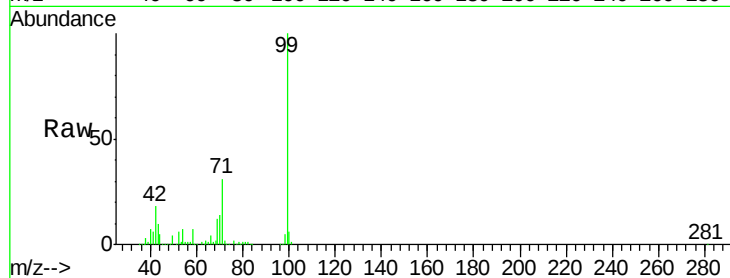
Tot Ion: 99 Resp: 508262

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

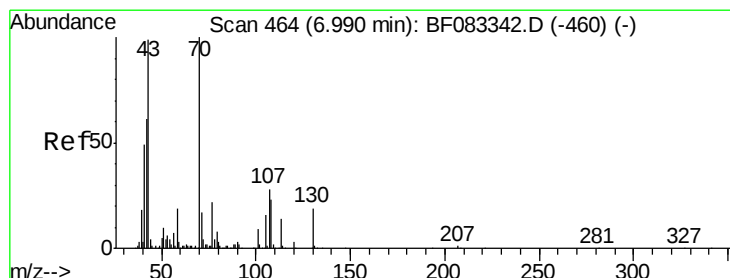
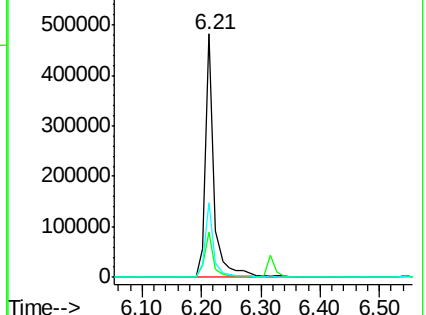
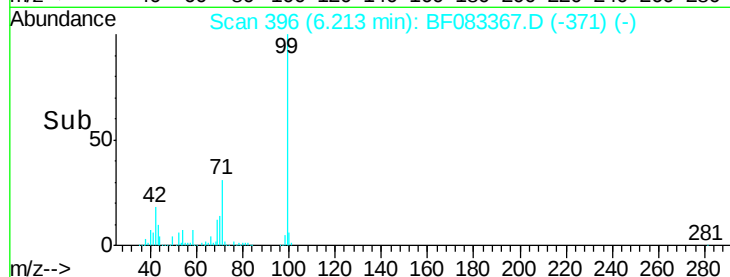
71 30.6 24.7 37.1



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: 3.60 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083367.D

Acq: 1 Dec 2015 7:48

Tgt Ion: 70 Resp: 51424

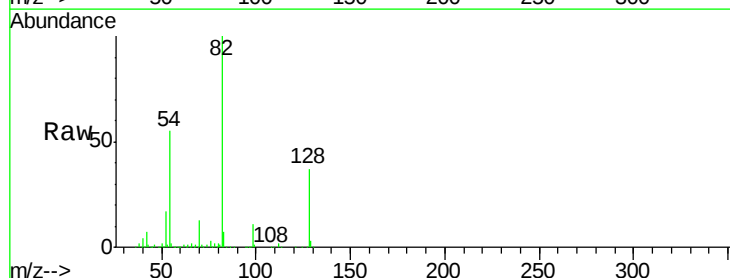
Ion Ratio Lower Upper

70 100

42 54.0 48.8 73.2

101 0.0 7.1 10.7#

130 1.9 15.0 22.6#

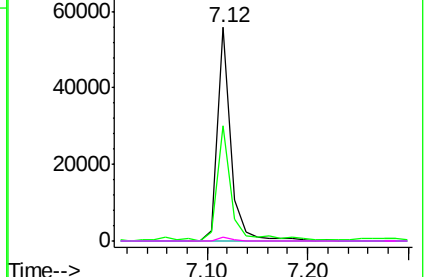
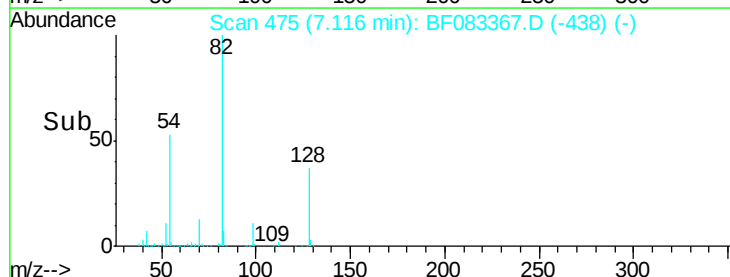


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

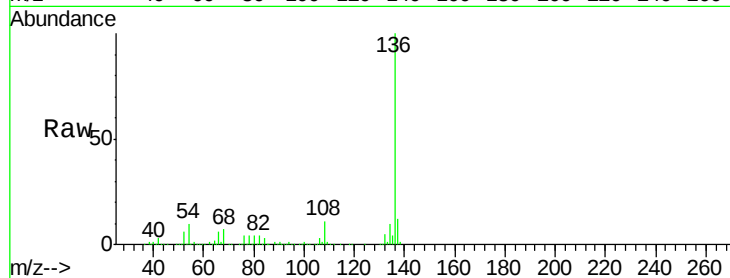




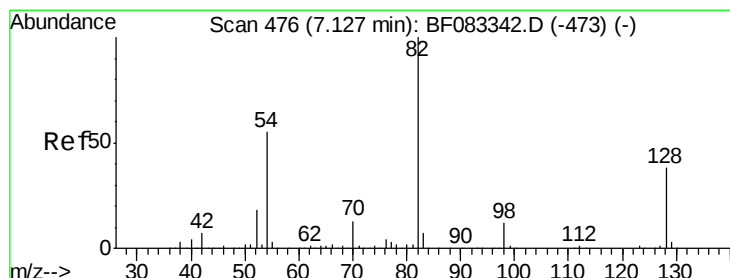
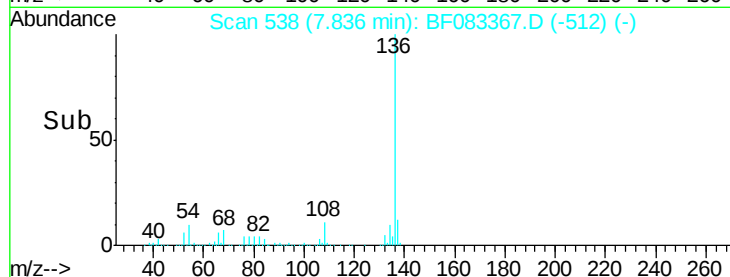
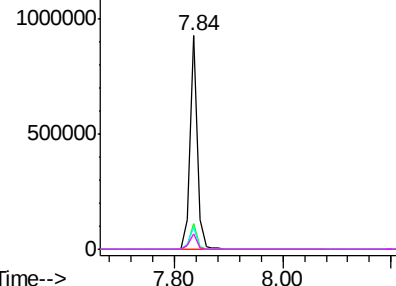
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	830638
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.4
54	10.4	10.1 15.1
68	7.4	7.1 10.7

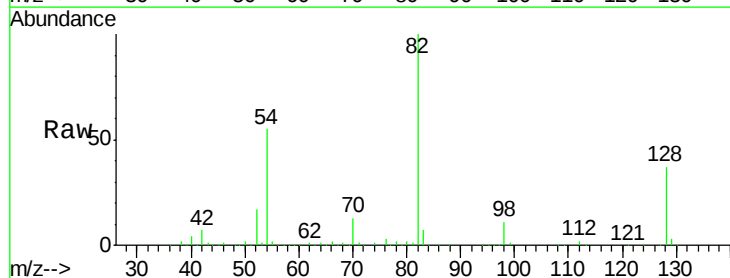


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

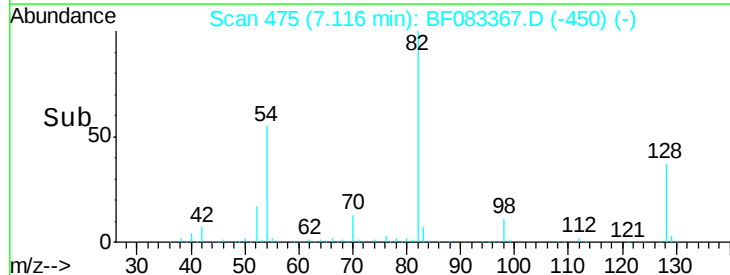
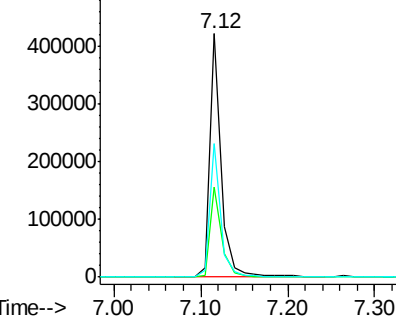


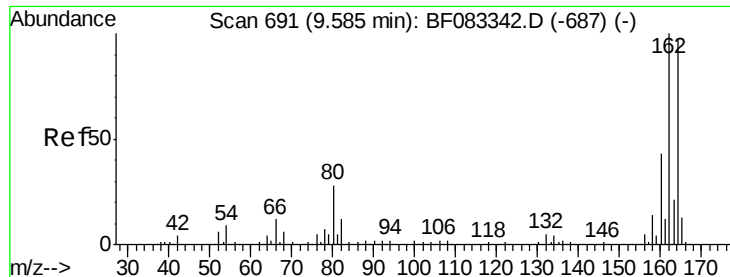
#23
Nitrobenzene-d5
Concen: 20.66 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion: 82	Resp:	390367
Ion Ratio	Lower	Upper
82	100	
128	37.0	30.6 46.0
54	54.8	43.8 65.6



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

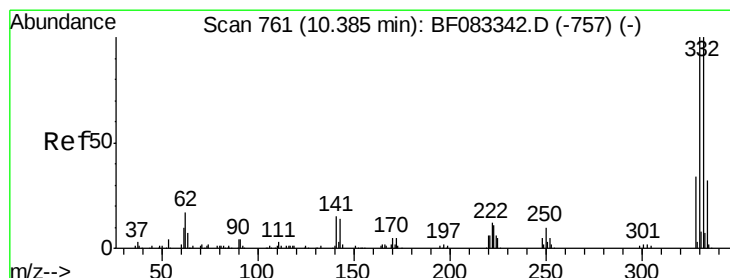
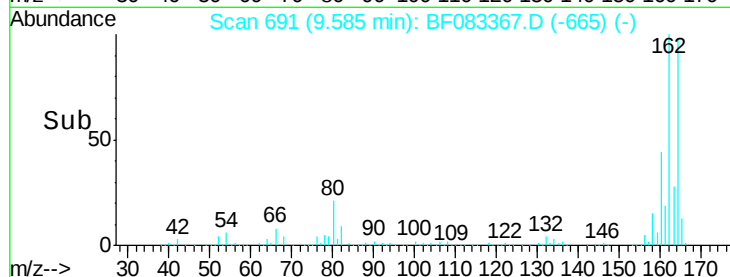
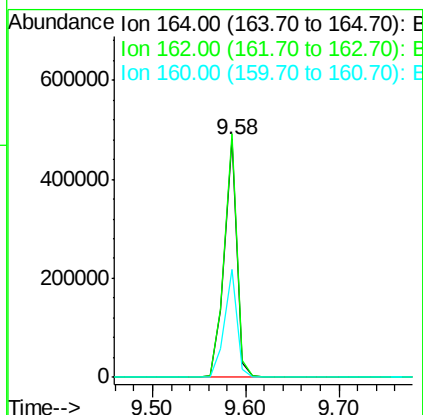
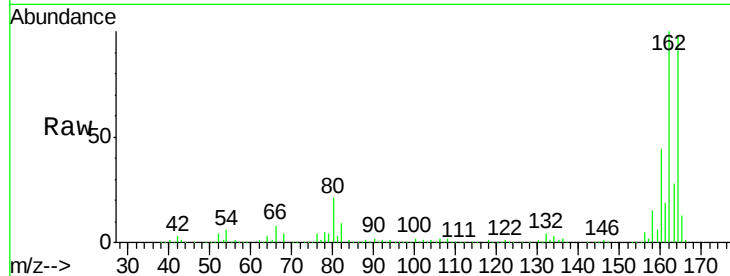




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

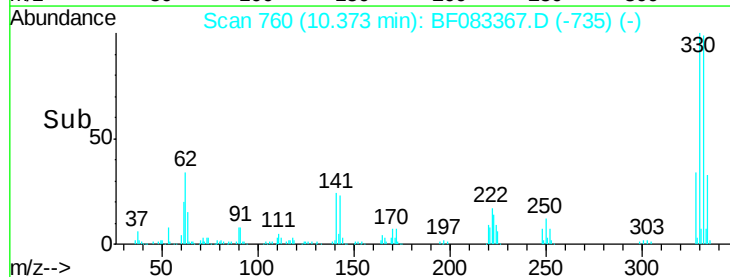
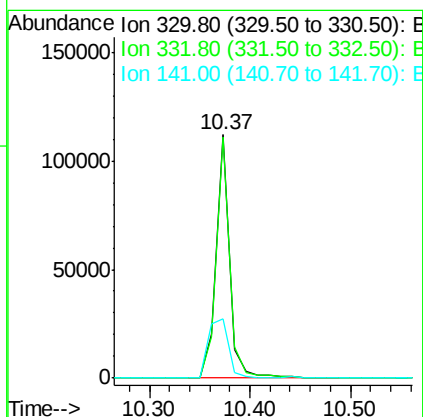
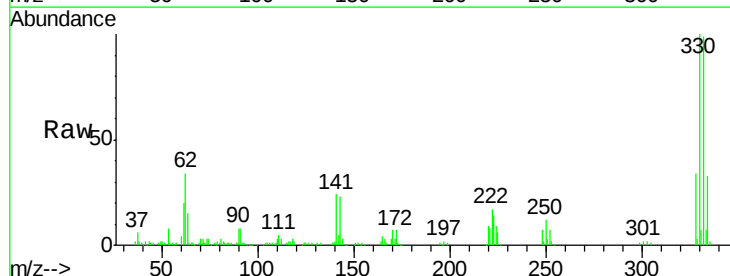
Instrument :
 BNA_F
 ClientSampleId :

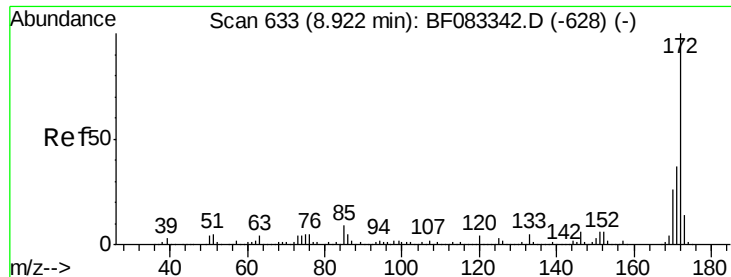
Tot Ion:164 Resp: 447548
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 45.4 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 23.37 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

Tgt Ion:330 Resp: 104973
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.8 116.6
 141 37.1 29.4 44.0

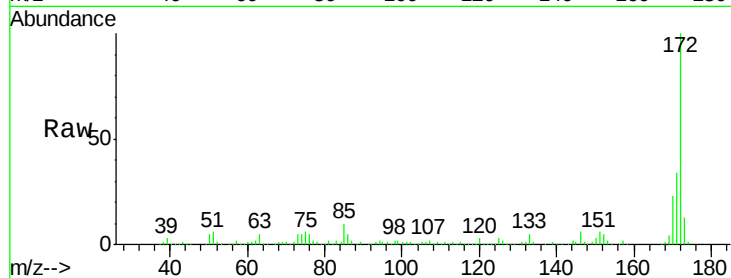




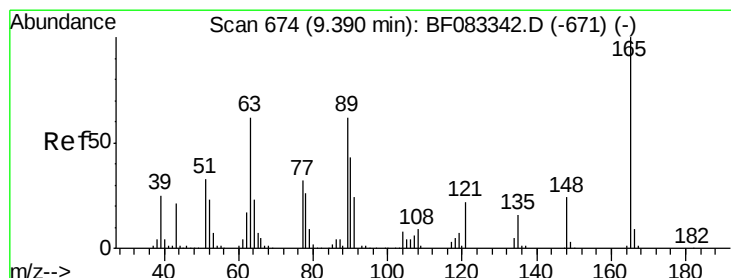
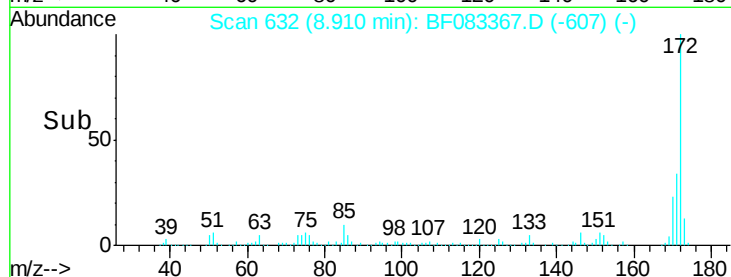
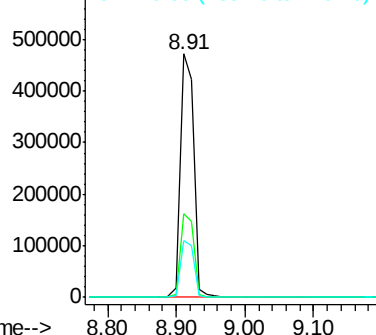
#44
 2-Fluorobiphenyl
 Concen: 20.58 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 646186
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.4 44.0
 170 23.3 20.4 30.6

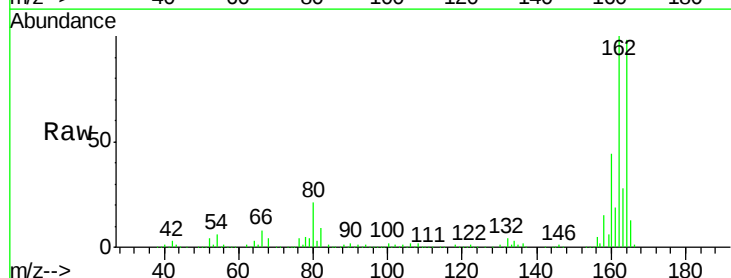


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

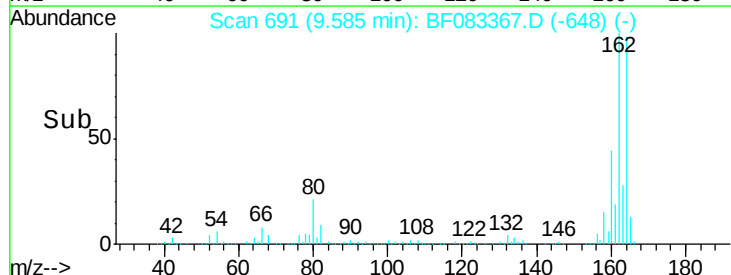
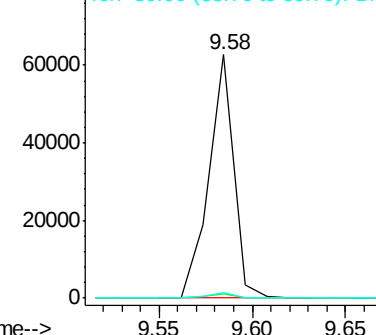


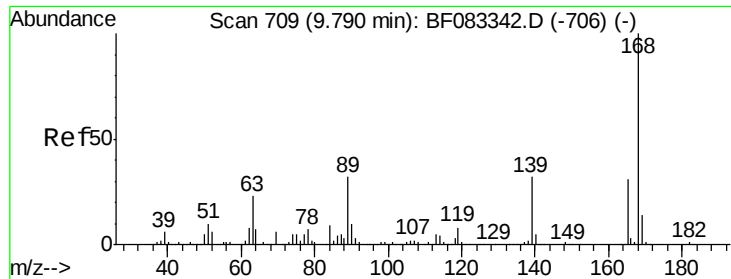
#50
 2,6-Dinitrotoluene
 Concen: 7.56 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

Tgt Ion:165 Resp: 58687
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.0 84.0#
 89 2.0 49.8 74.8#



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

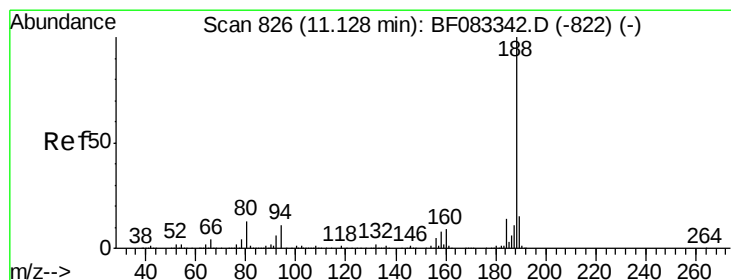
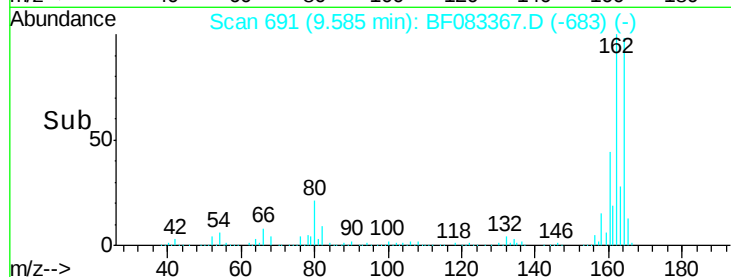
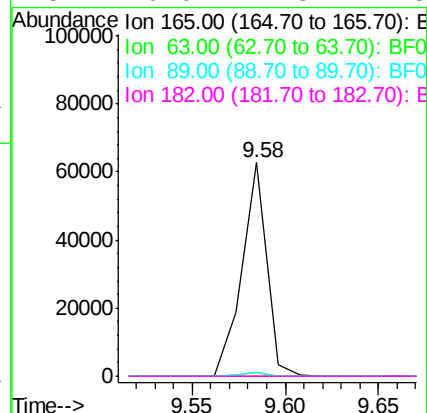
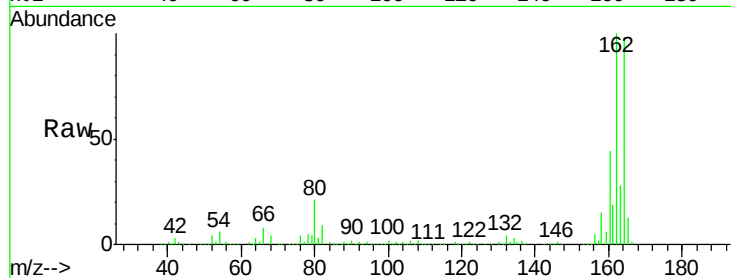




#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

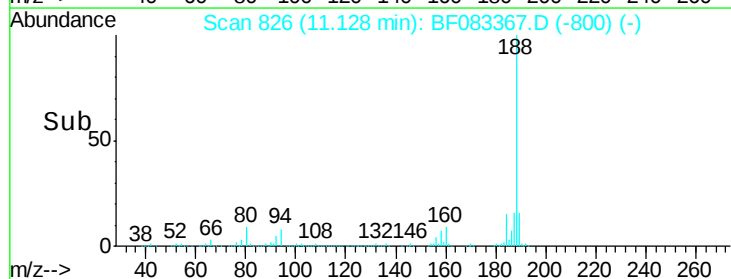
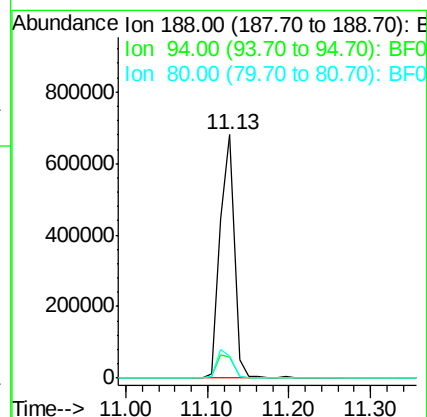
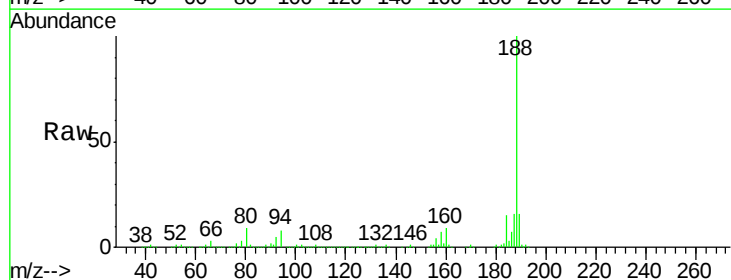
Instrument :
 BNA_F
 ClientSampleId :

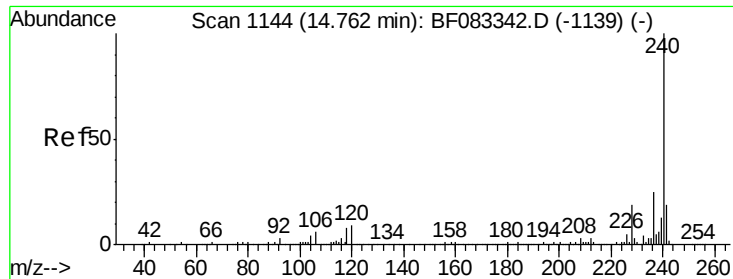
Tot Ion	Ratio	Resp	Lower	Upper
165	100	58687		
63	2.0	65.4	98.0#	
89	2.0	81.2	121.8#	
182	0.0	1.8	2.8#	



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	831048		
94	8.5	8.7	13.1#	
80	9.2	10.3	15.5#	

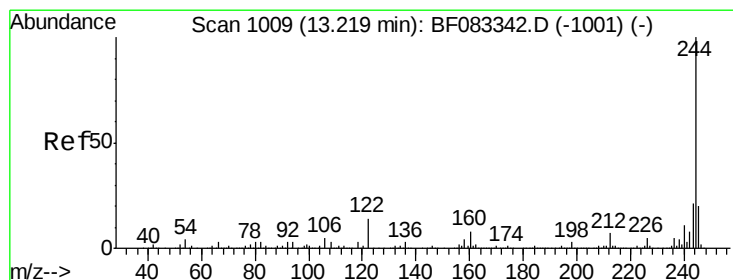
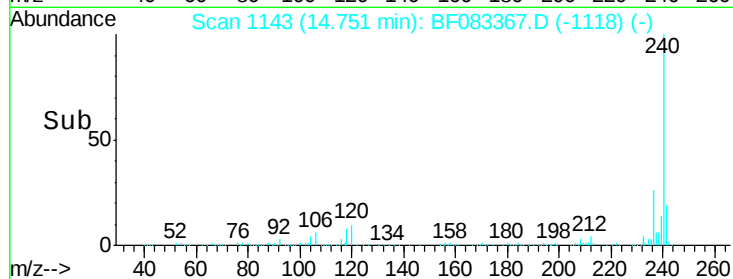
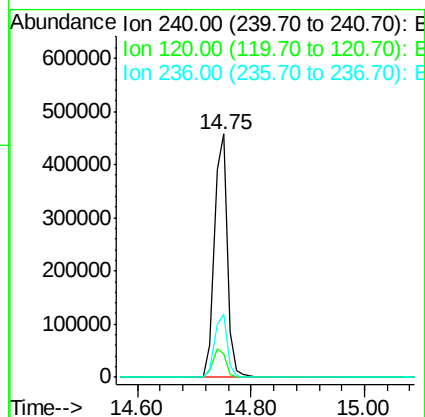
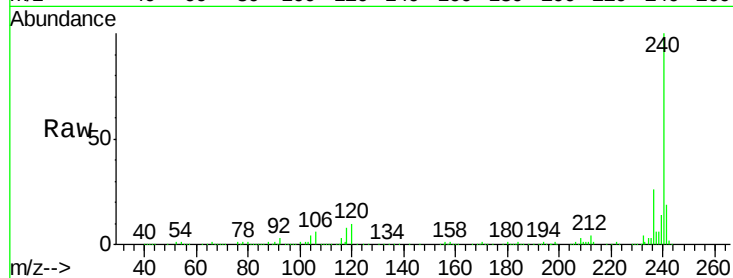




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

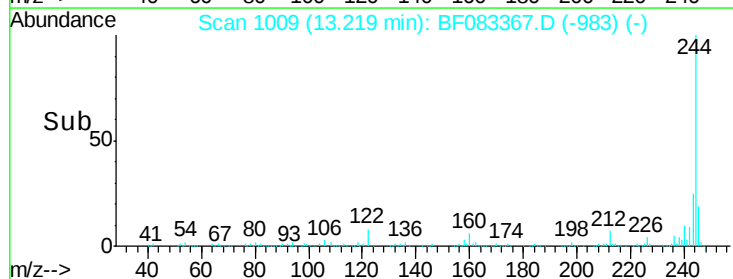
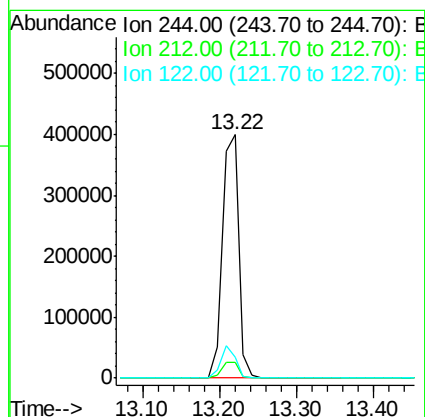
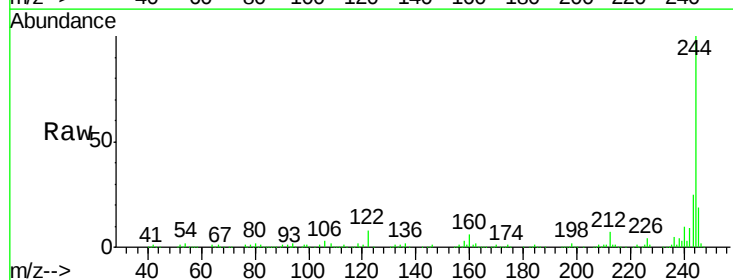
Instrument :
BNA_F
ClientSampleId :

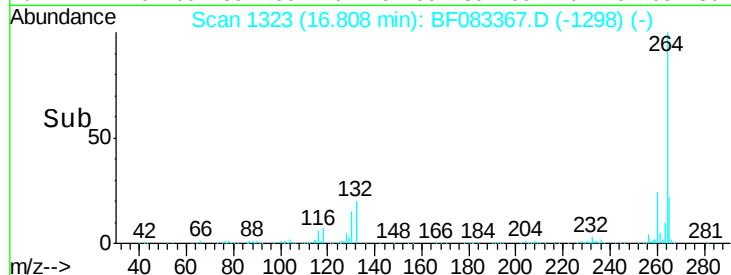
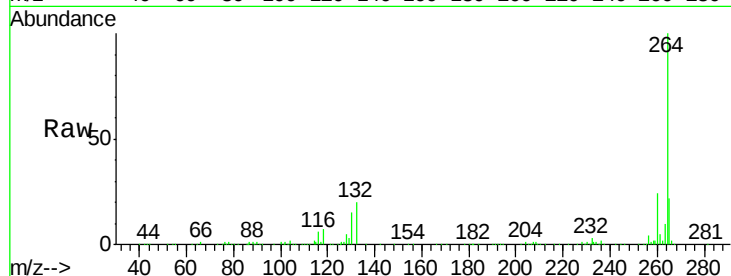
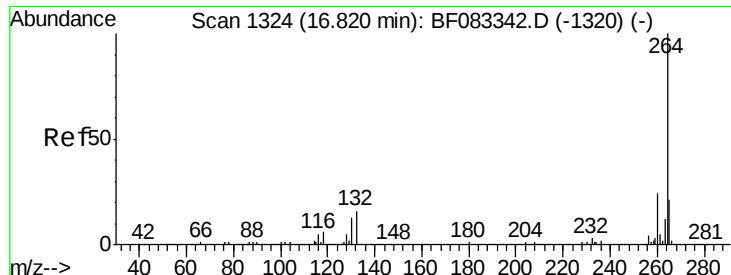
Tot Ion:240 Resp: 703605
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 25.8 19.8 29.6



#78
Terphenyl-d14
Concen: 20.31 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:244 Resp: 599338
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 8.5 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083367.D
 Acq: 1 Dec 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	503920
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.0 28.4
265	22.3	16.8 25.2

