

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083368.D
 Acq On : 1 Dec 2015 8:18
 Operator : UM/IZ
 Sample : G4538-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:12:16 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

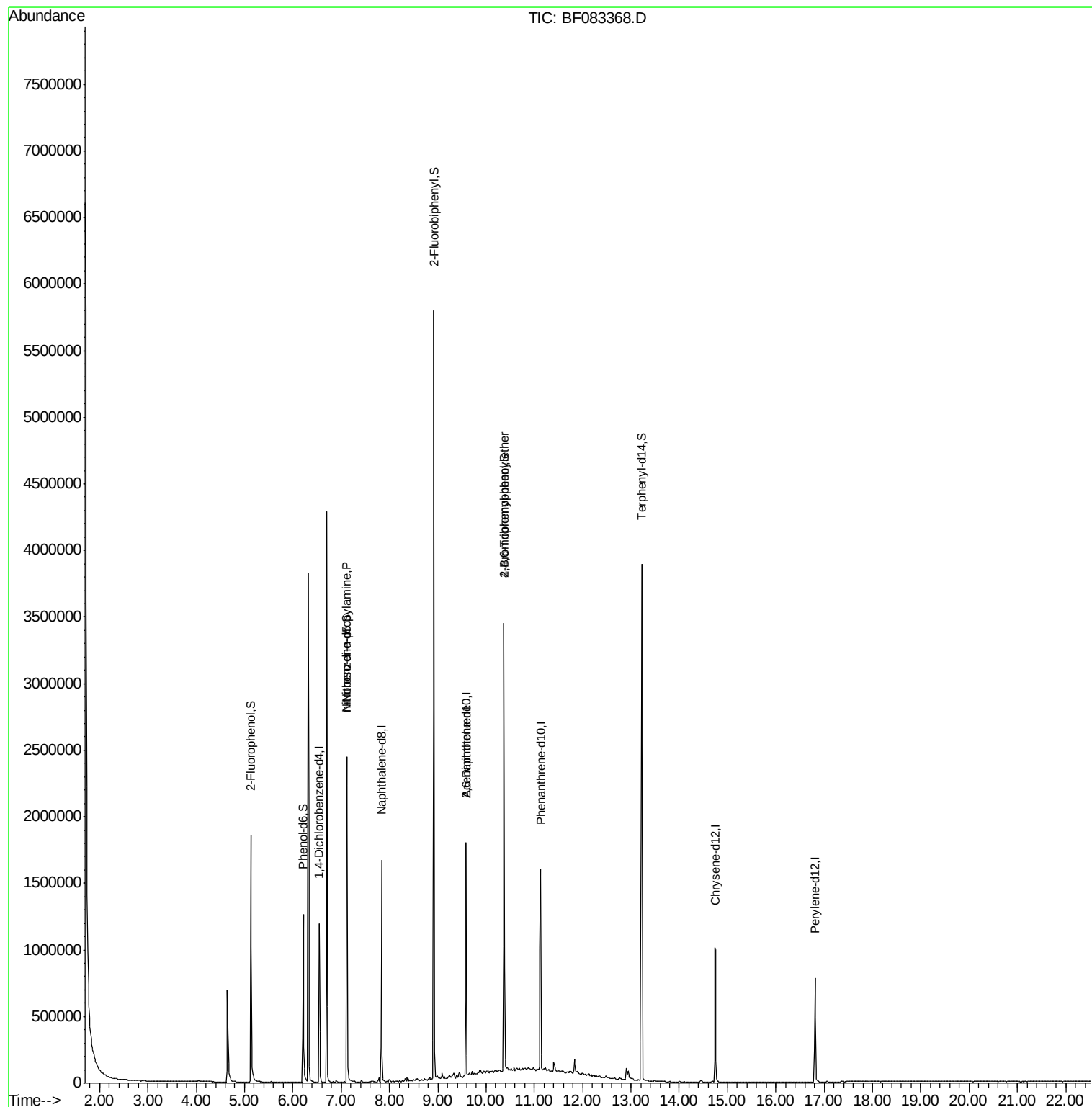
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	181328	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	701369	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	366332	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	704017	20.00	ng	0.00
75) Chrysene-d12	14.75	240	608899	20.00	ng	-0.01
86) Perylene-d12	16.81	264	427324	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	640133	52.97	ng	0.00
7) Phenol-d6	6.21	99	518208	31.33	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1236778	77.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	392676	106.78	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2034430	79.14	ng	0.00
78) Terphenyl-d14	13.22	244	1954808	76.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	166194	14.06	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	47264	7.43	ng	# 19
66) 4-Bromophenyl-phenylether	10.37	248	22622	2.94	ng	# 1

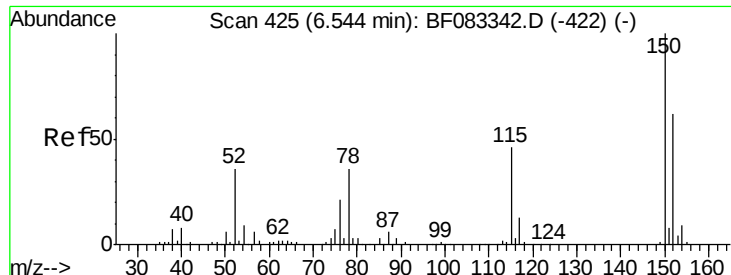
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083368.D
Acq On : 1 Dec 2015 8:18
Operator : UM/IZ
Sample : G4538-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 10:12:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

Instrument :

BNA_F

ClientSampleId :

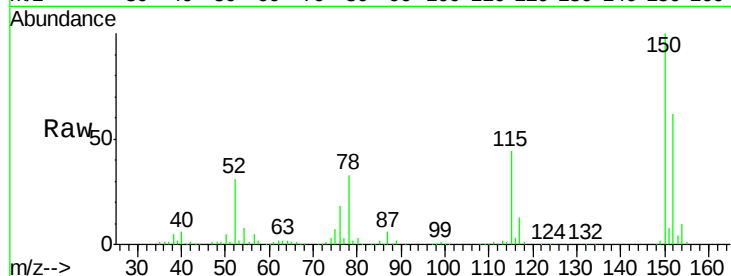
Tot Ion:152 Resp: 181328

Ion Ratio Lower Upper

152 100

150 160.6 129.8 194.8

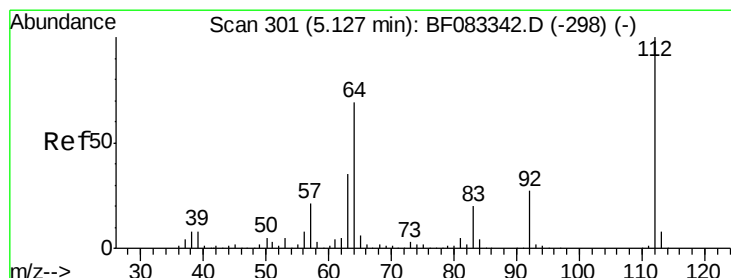
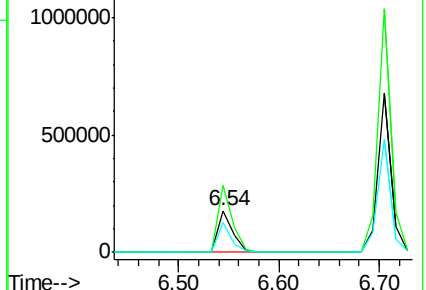
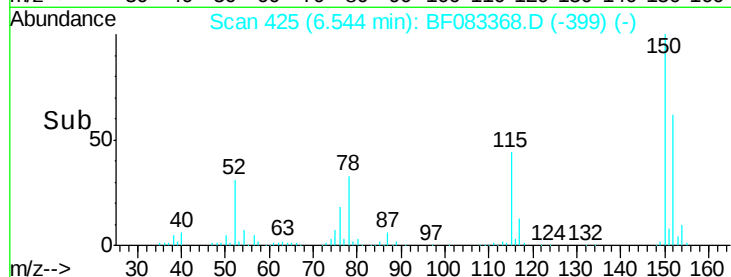
115 70.9 59.2 88.8



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: 52.97 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

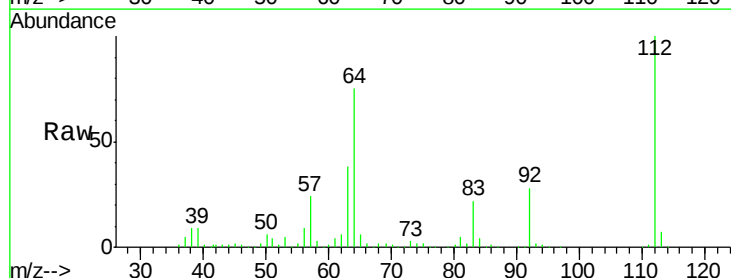
Tgt Ion:112 Resp: 640133

Ion Ratio Lower Upper

112 100

64 75.3 55.6 83.4

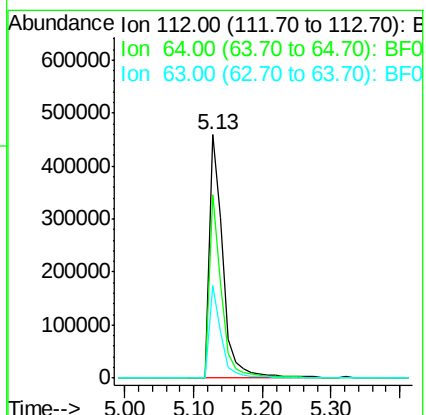
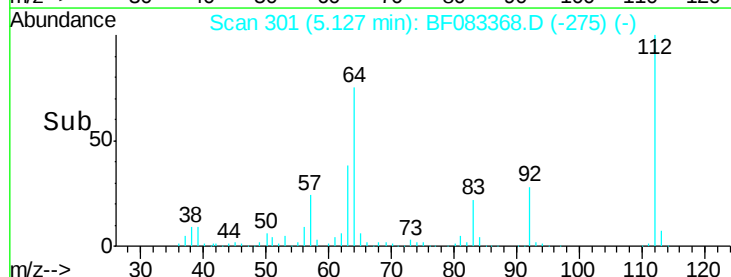
63 38.0 28.2 42.2

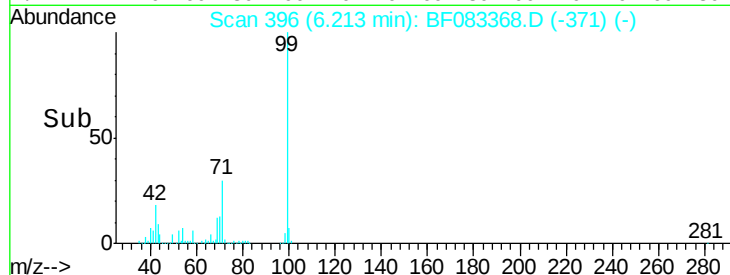
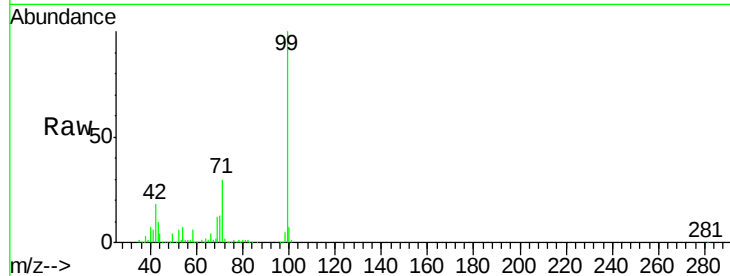
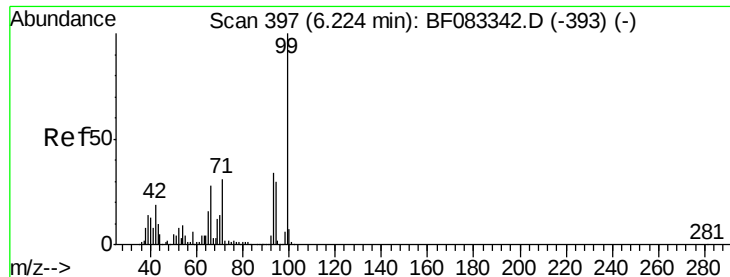


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.33 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

Instrument :

BNA_F

ClientSampleId :

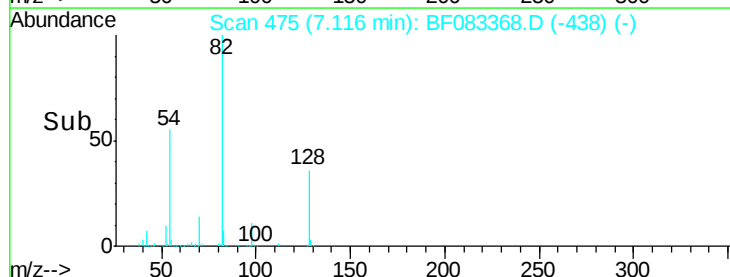
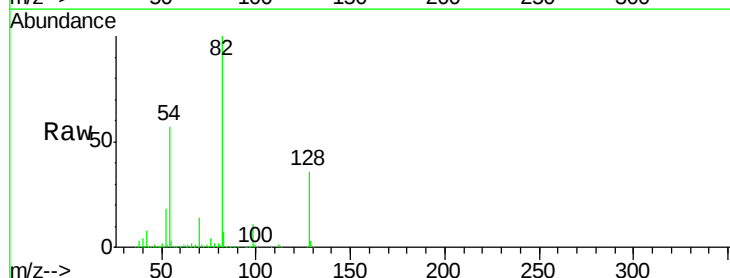
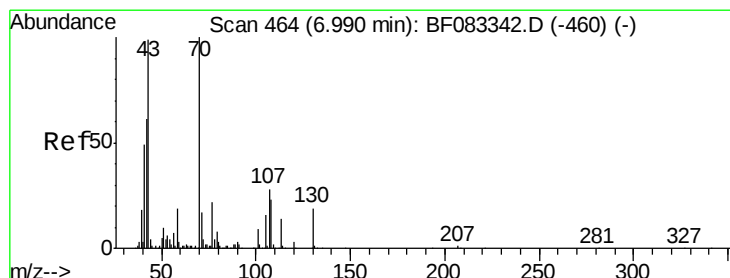
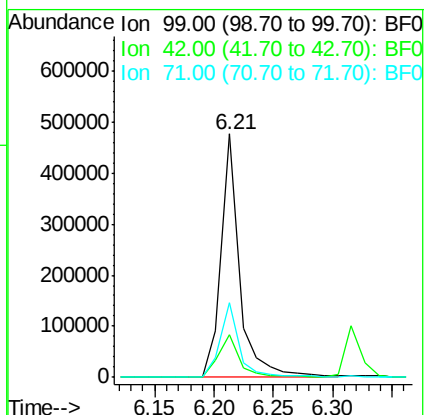
Tot Ion: 99 Resp: 518208

Ion Ratio Lower Upper

99 100

42 17.6 14.9 22.3

71 30.4 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

Tgt Ion: 70 Resp: 166194

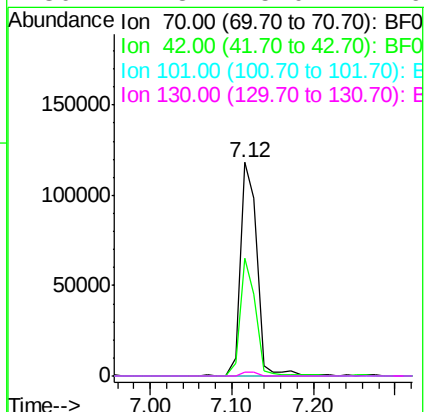
Ion Ratio Lower Upper

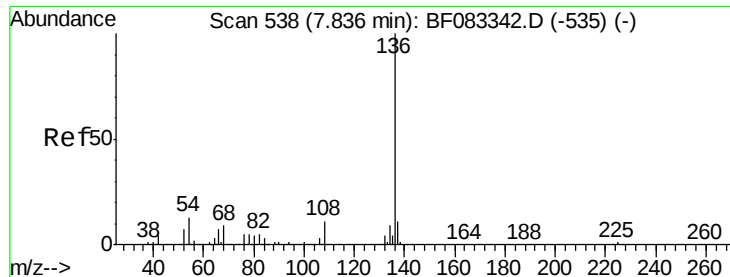
70 100

42 55.1 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 701369

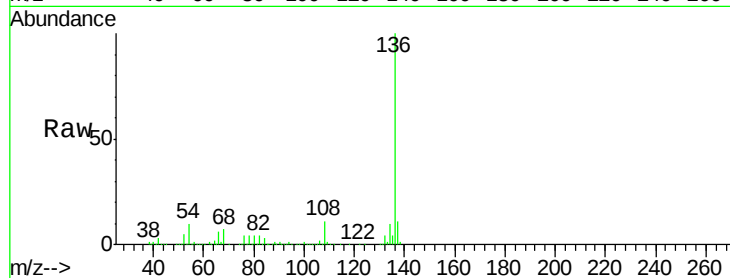
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 10.0 10.1 15.1#

68 7.3 7.1 10.7

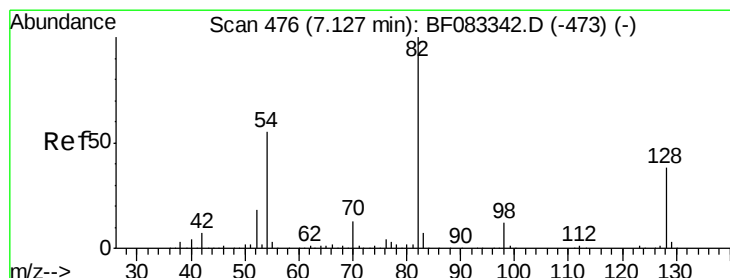
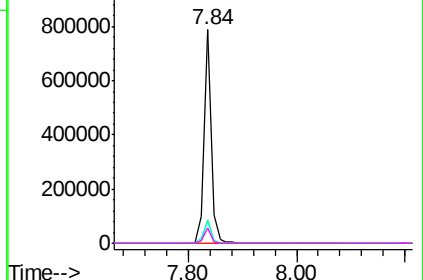
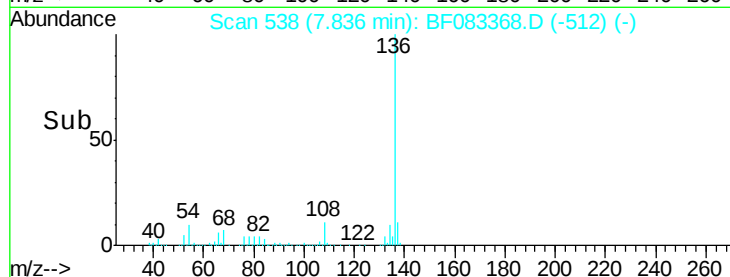


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.52 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

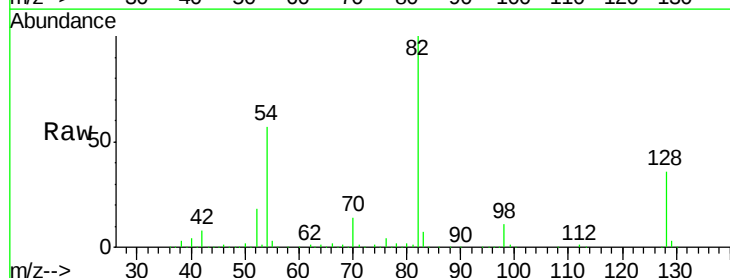
Tgt Ion: 82 Resp: 1236778

Ion Ratio Lower Upper

82 100

128 36.1 30.6 46.0

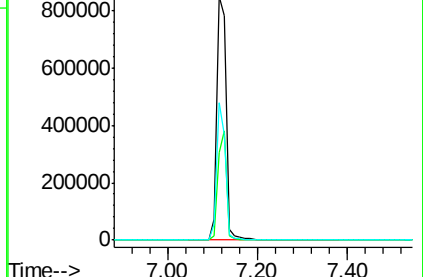
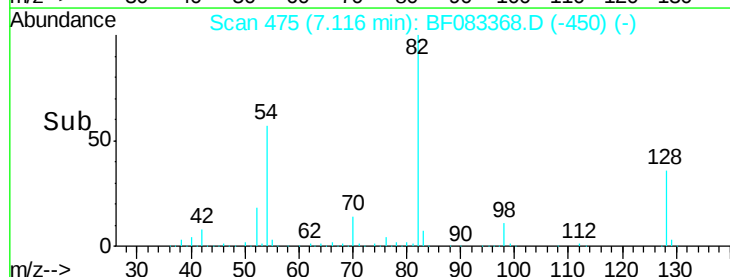
54 56.6 43.8 65.6

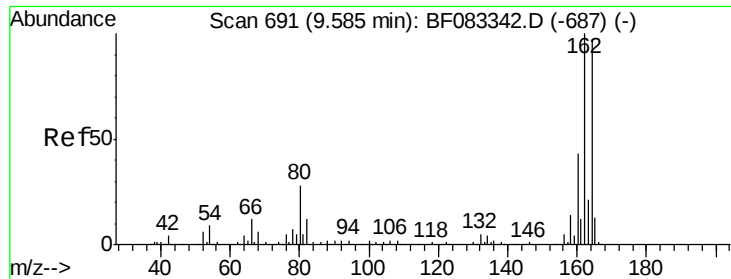


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

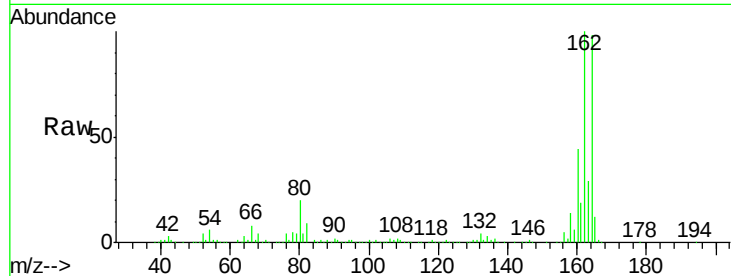




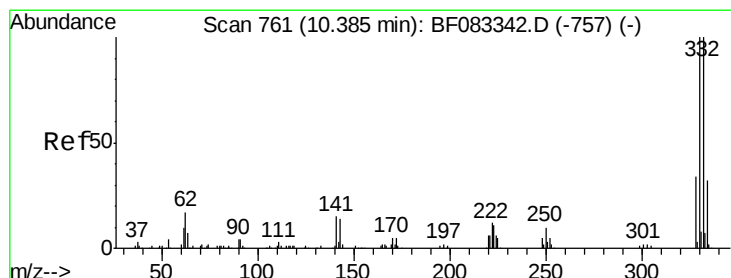
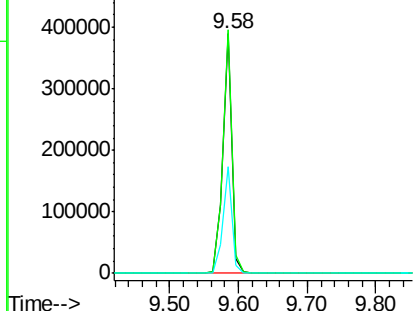
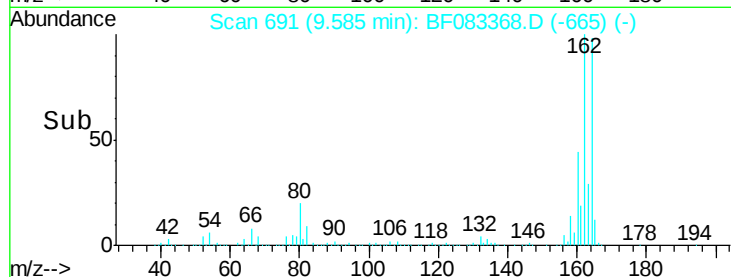
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083368.D
Acq: 1 Dec 2015 8:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 366332
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.7 35.3 52.9

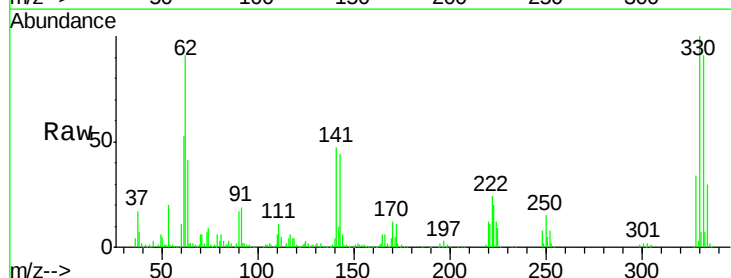


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

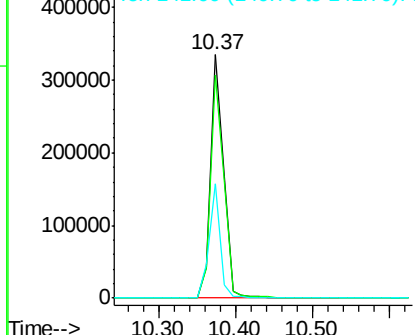
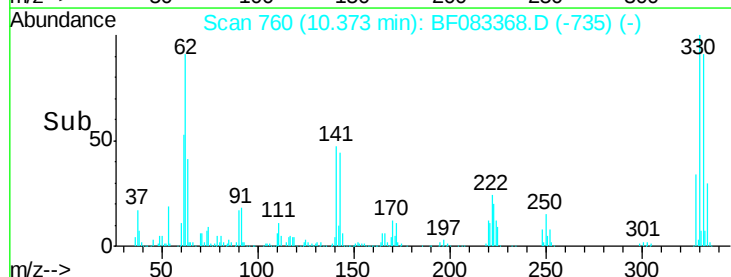


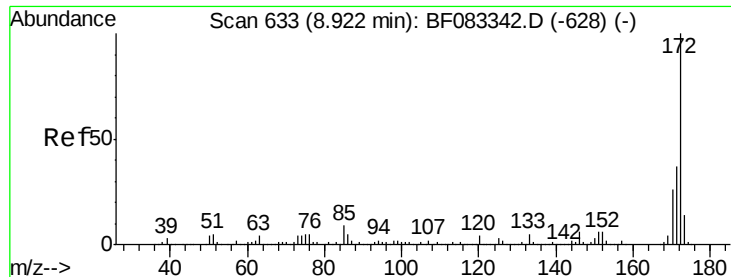
#41
2,4,6-Tribromophenol
Concen: 106.78 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083368.D
Acq: 1 Dec 2015 8:18

Tgt Ion:330 Resp: 392676
Ion Ratio Lower Upper
330 100
332 93.5 77.8 116.6
141 40.9 29.4 44.0



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

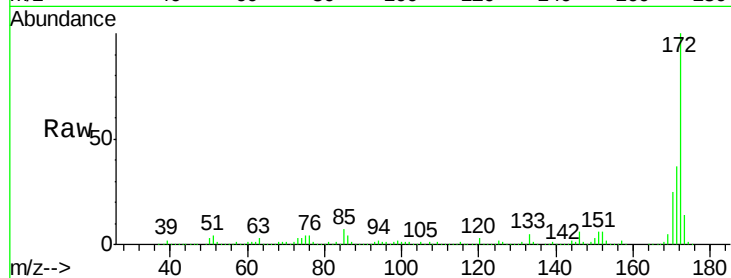




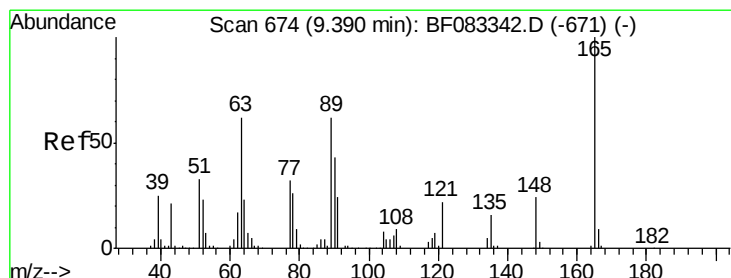
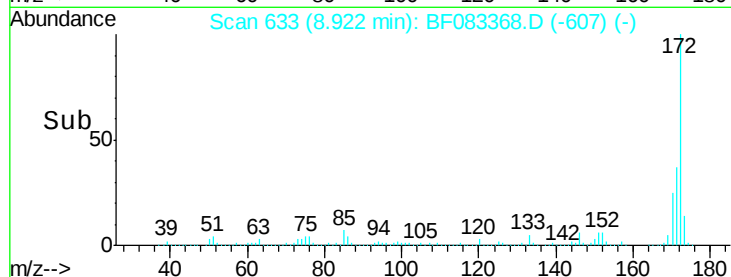
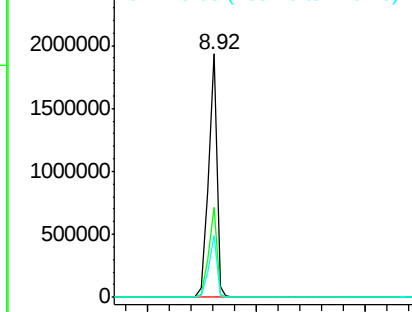
#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083368.D
 Acq: 1 Dec 2015 8:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2034430
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.5 20.4 30.6

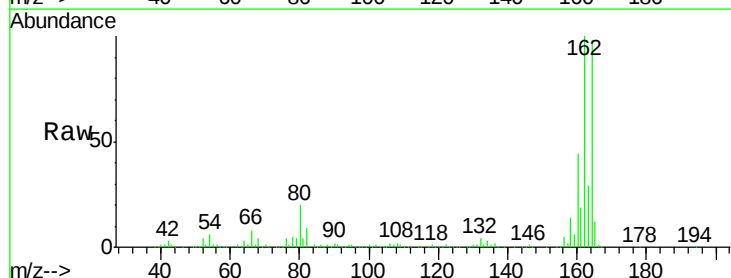


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

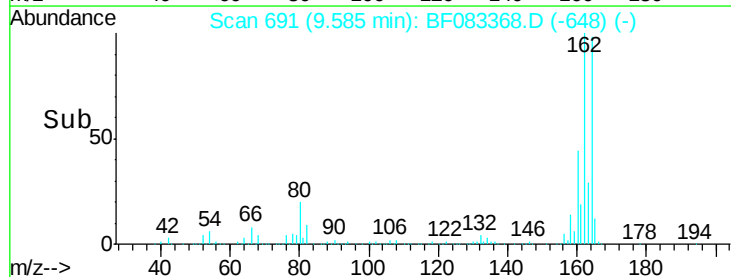
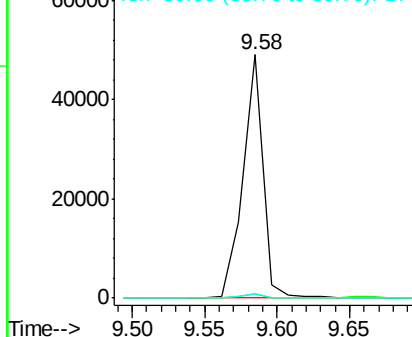


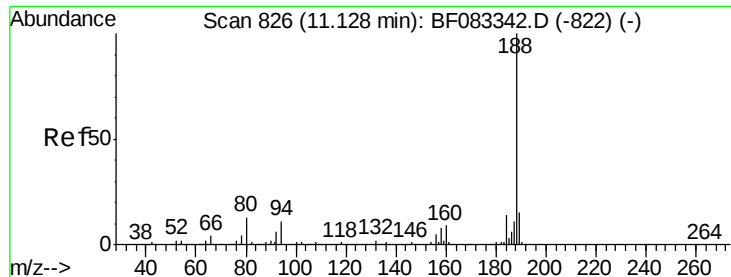
#50
 2,6-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083368.D
 Acq: 1 Dec 2015 8:18

Tgt Ion:165 Resp: 47264
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.0 84.0#
 89 1.9 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

Instrument :

BNA_F

ClientSampleId :

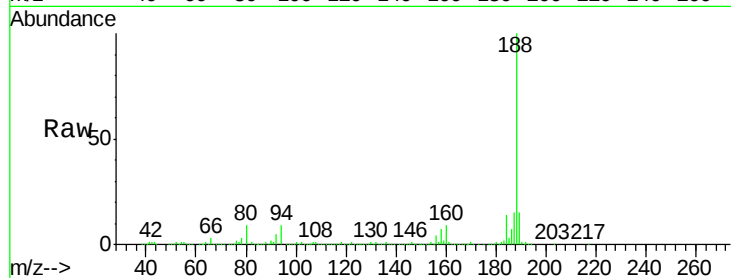
Tot Ion:188 Resp: 704017

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

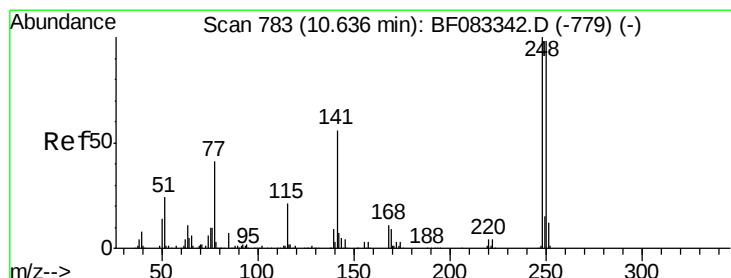
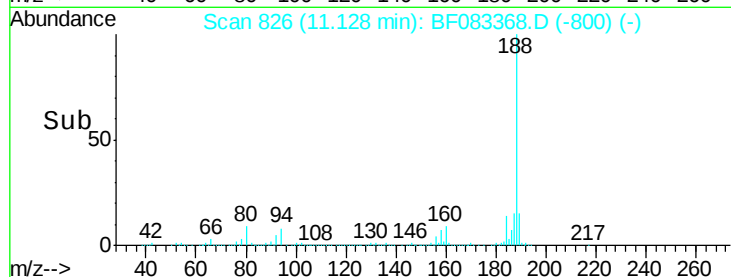
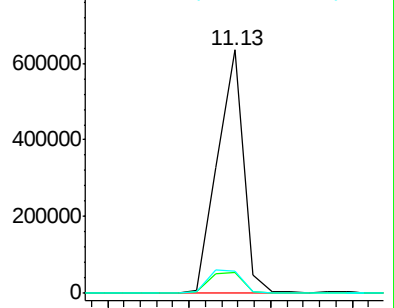
80 9.0 10.3 15.5#



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: 2.94 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF083368.D

Acq: 1 Dec 2015 8:18

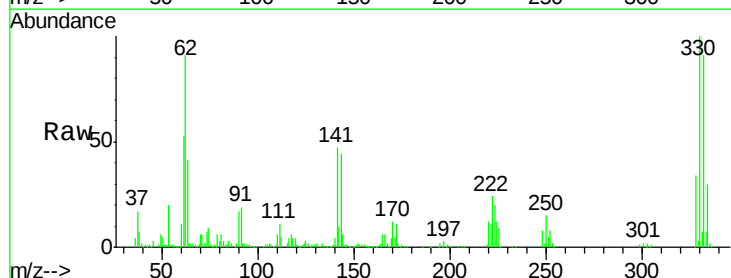
Tgt Ion:248 Resp: 22622

Ion Ratio Lower Upper

248 100

250 194.5 78.6 118.0#

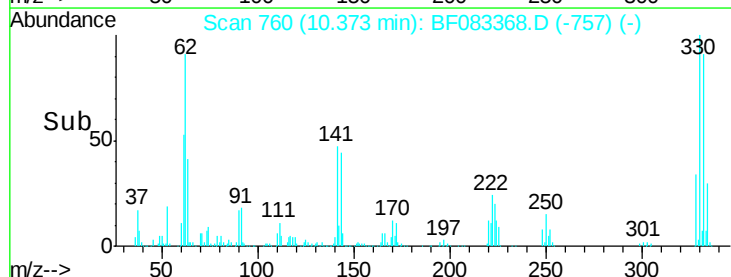
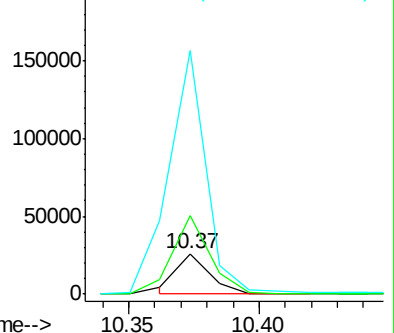
141 605.7 44.4 66.6#

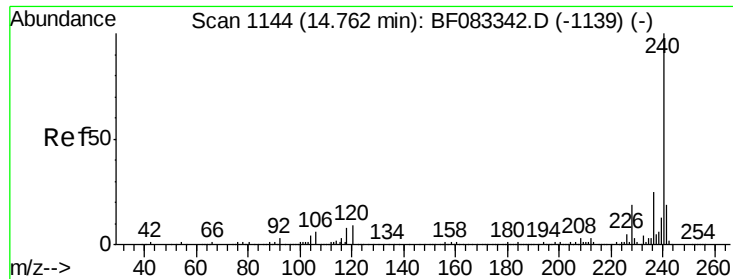


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

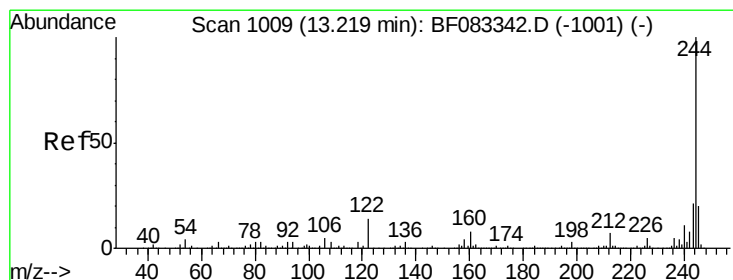
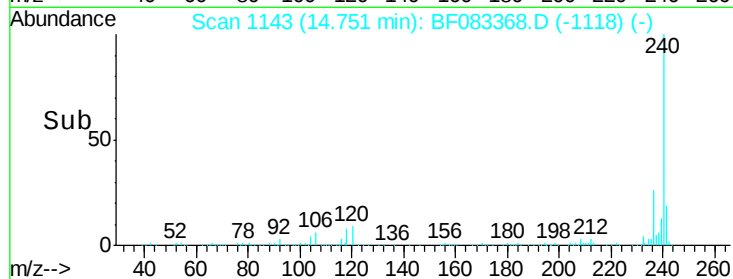
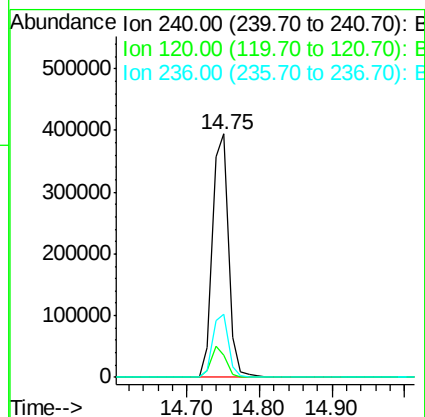
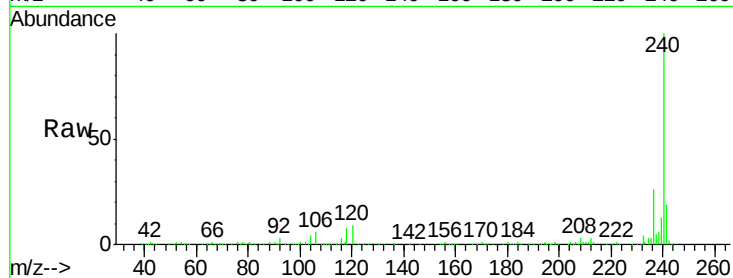




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083368.D
 Acq: 1 Dec 2015 8:18

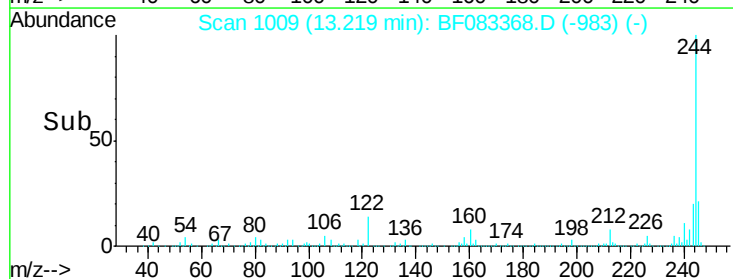
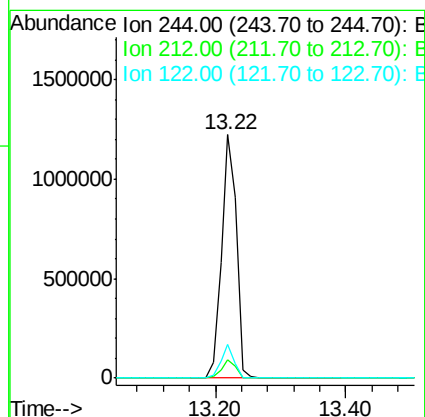
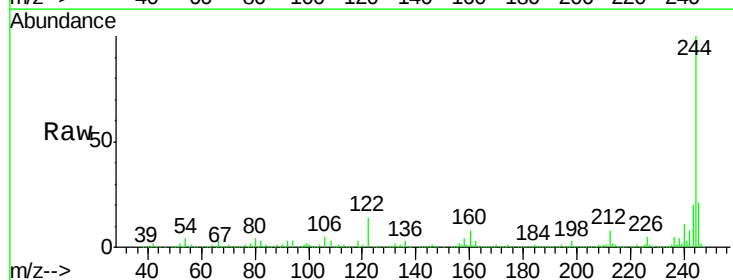
Instrument :
 BNA_F
 ClientSampleId :

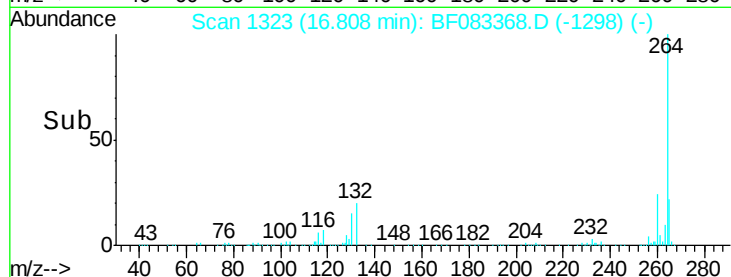
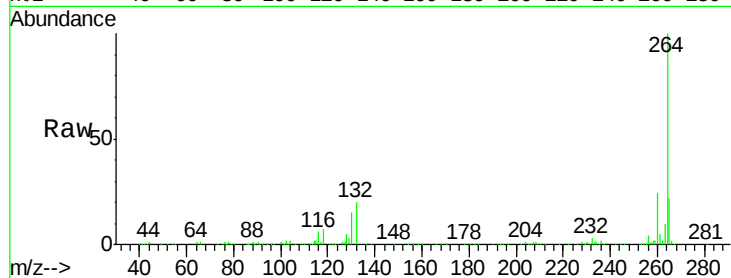
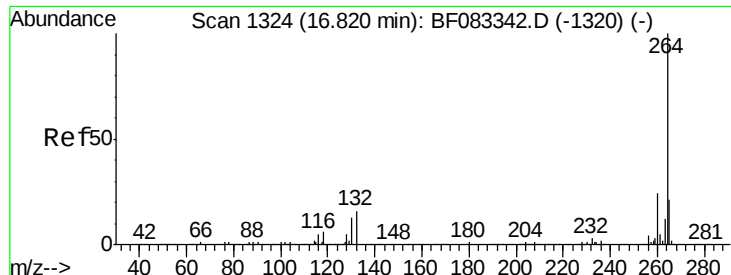
Tot Ion:240 Resp: 608899
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.9 10.3
 236 25.7 19.8 29.6



#78
 Terphenyl-d14
 Concen: 76.56 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083368.D
 Acq: 1 Dec 2015 8:18

Tgt Ion:244 Resp: 1954808
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 13.8 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: BF083368.D
 Acq: 1 Dec 2015 8:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.8	16.8	25.2

