

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083160.D
 Acq On : 22 Nov 2015 15:48
 Operator : UM/IZ
 Sample : G4504-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Nov 23 03:38:06 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

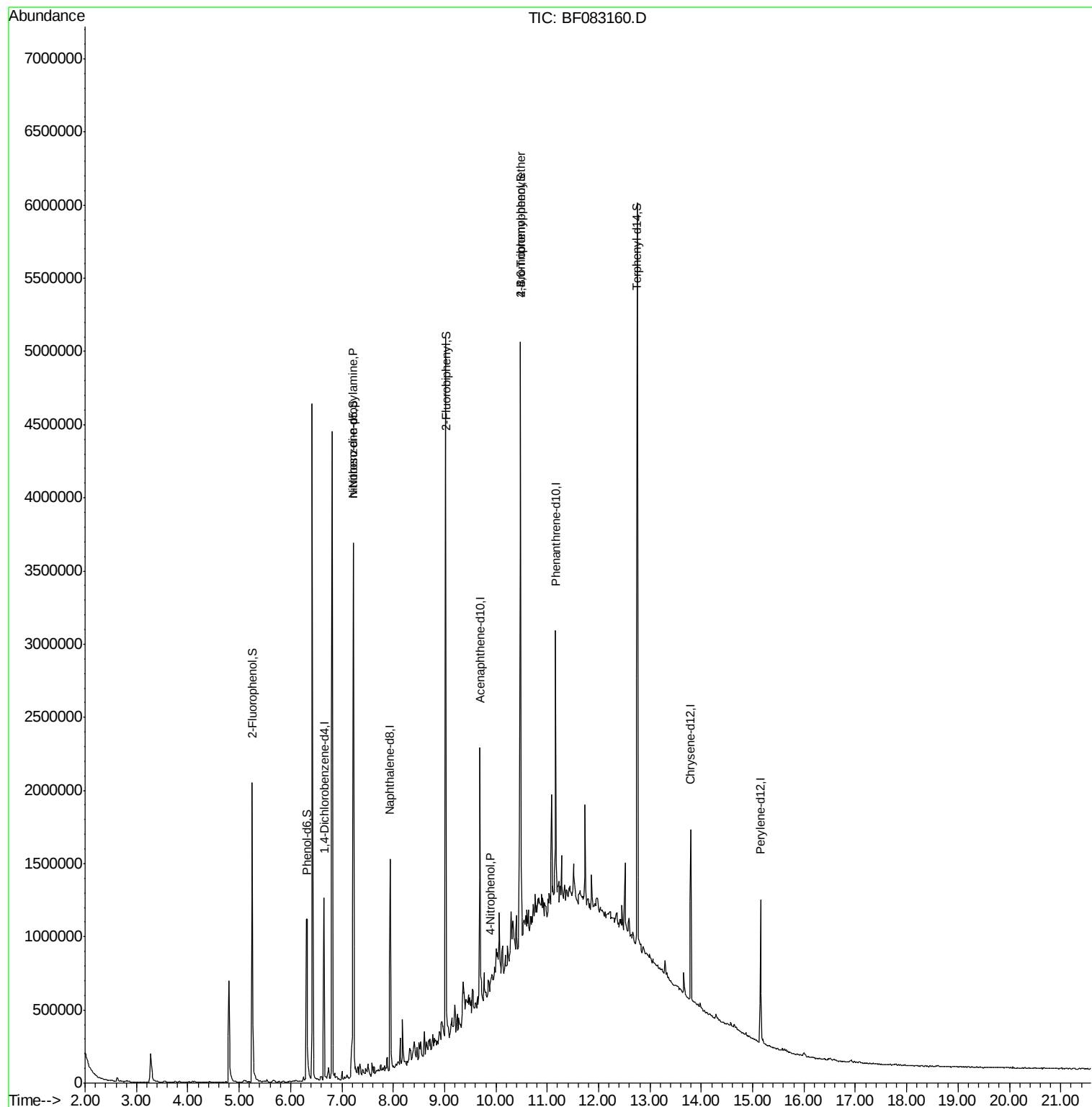
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	188605	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	731044	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	355122	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	619344	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	500662	20.00	ng	-0.01
86) Perylene-d12	15.15	264	433580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	777318	62.31	ng	-0.02
7) Phenol-d6	6.32	99	652918	40.45	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1366943	85.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	401567	110.53	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2188941	85.95	ng	0.00
78) Terphenyl-d14	12.75	244	1673921	78.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	1231	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	190466	16.96	ng	# 78
55) 4-Nitrophenol	9.90	139	16076	3.21	ng	# 40
66) 4-Bromophenyl-phenylether	10.48	248	29287	4.26	ng	# 1

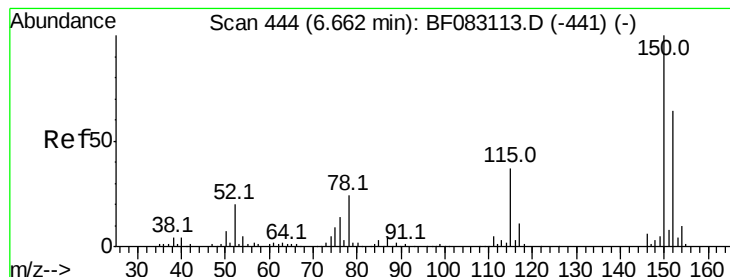
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:38:06 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: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

MW-04

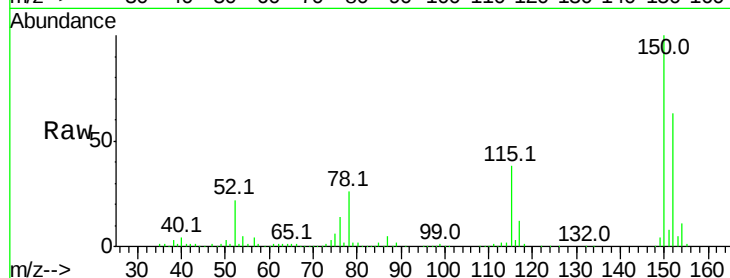
Tot Ion:152 Resp: 188605

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.8

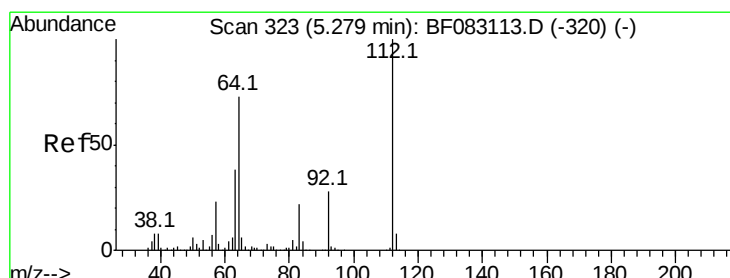
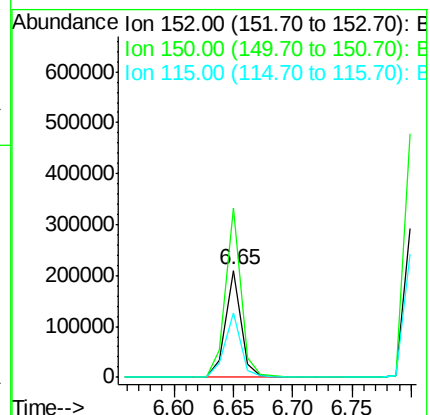
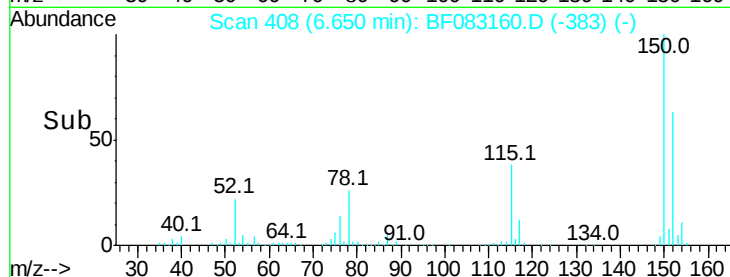
115 59.8 46.9 70.3



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



#5

2-Fluorophenol

Concen: 62.31 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

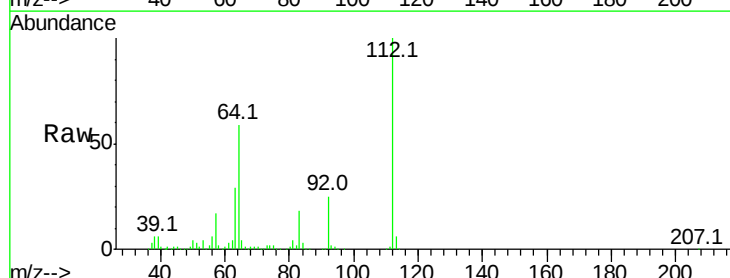
Tgt Ion:112 Resp: 777318

Ion Ratio Lower Upper

112 100

64 58.9 58.4 87.6

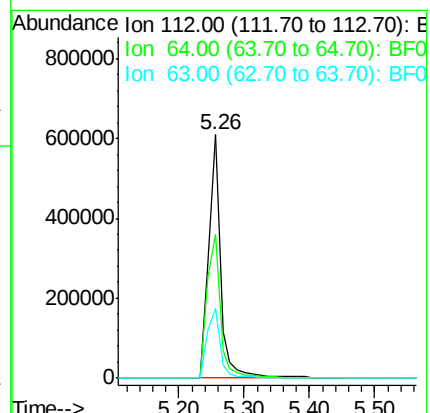
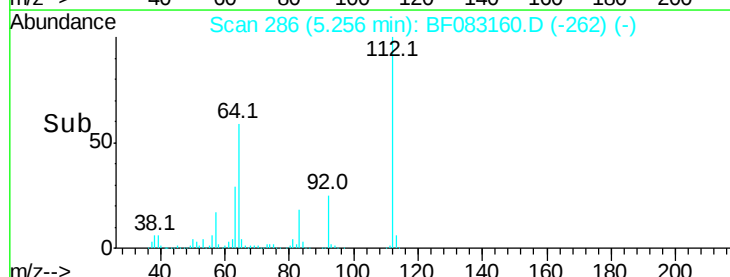
63 28.8 30.0 45.0#

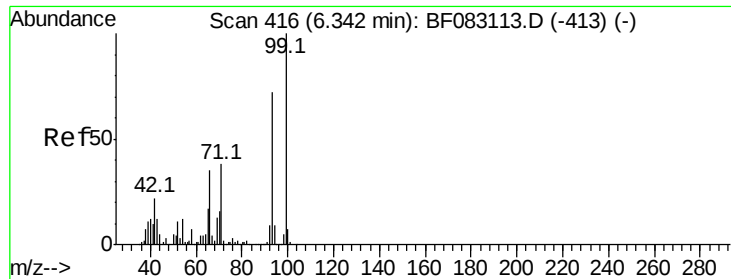


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.45 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampled :

MW-04

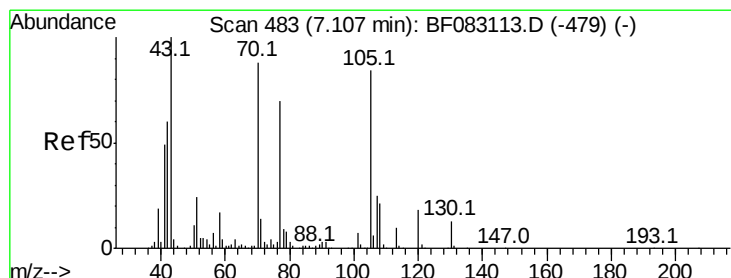
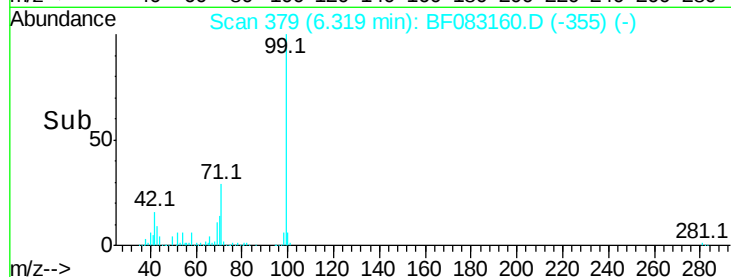
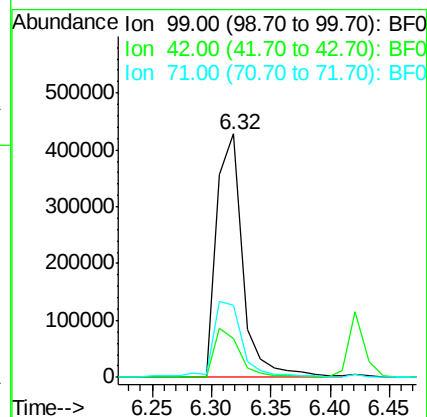
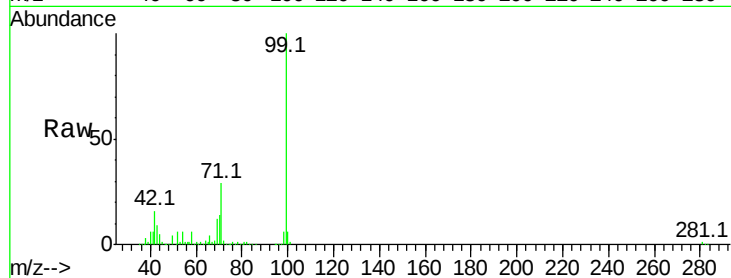
Tot Ion: 99 Resp: 652918

Ion Ratio Lower Upper

99 100

42 15.9 17.7 26.5#

71 29.4 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Tgt Ion: 70 Resp: 190466

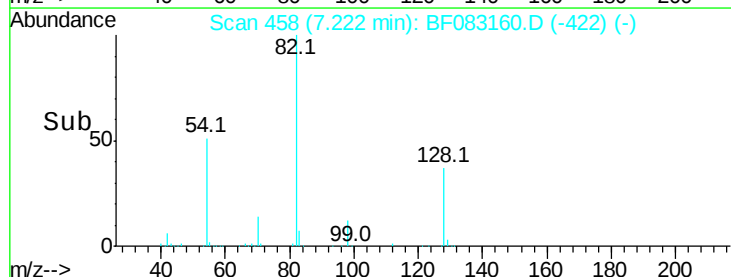
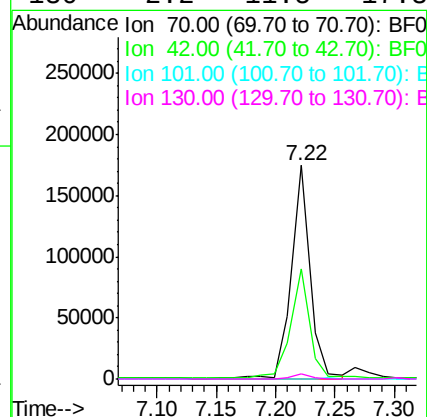
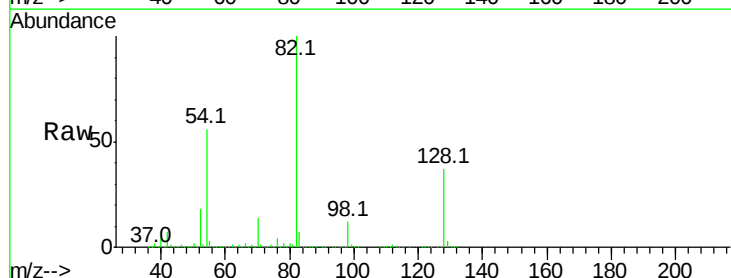
Ion Ratio Lower Upper

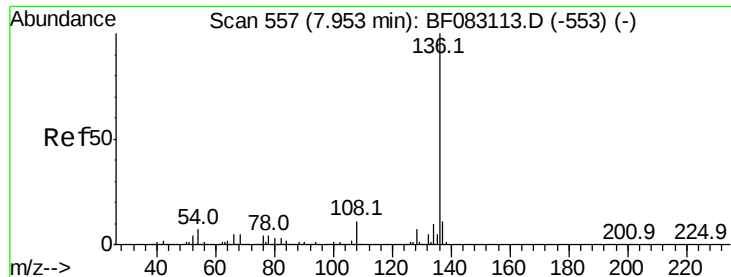
70 100

42 51.7 54.5 81.7#

101 0.2 6.6 9.8#

130 2.2 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

MW-04

Tot Ion:136 Resp: 731044

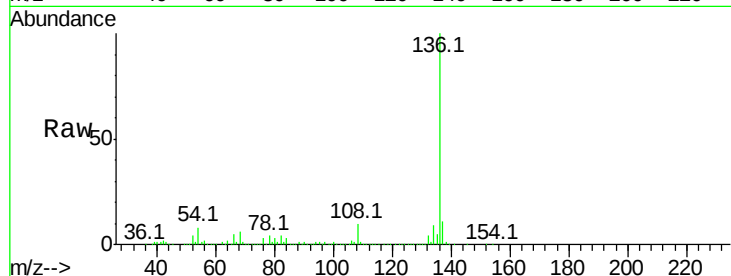
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.1 5.8 8.6

68 6.2 3.8 5.8#

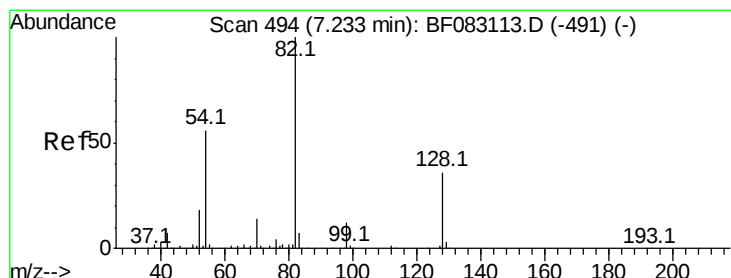
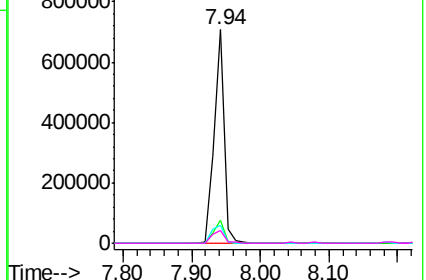
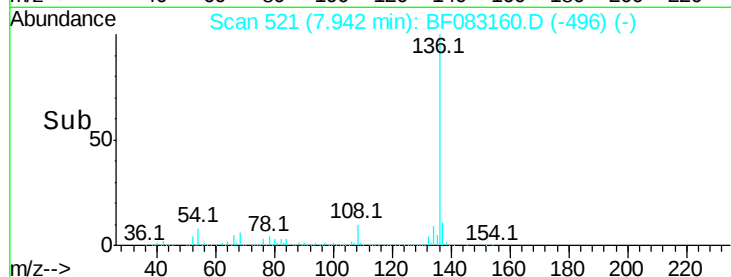


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.44 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

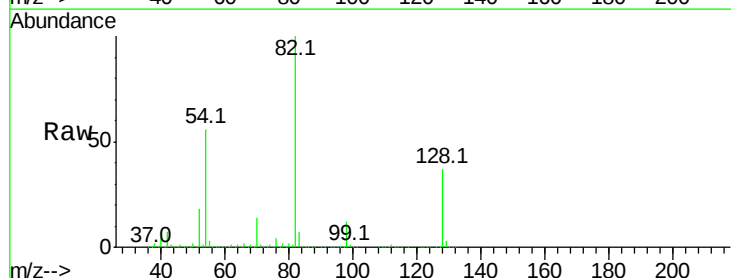
Tgt Ion: 82 Resp: 1366943

Ion Ratio Lower Upper

82 100

128 37.3 28.5 42.7

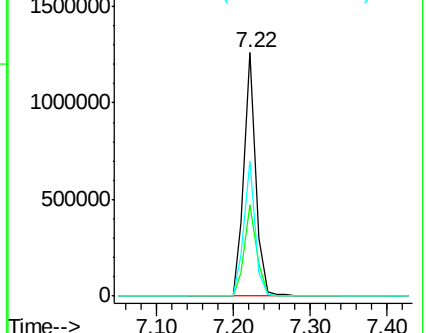
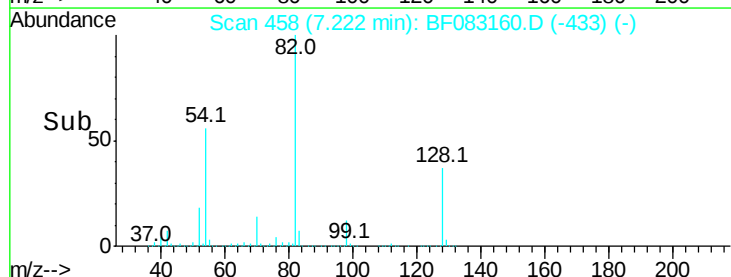
54 55.5 44.6 67.0

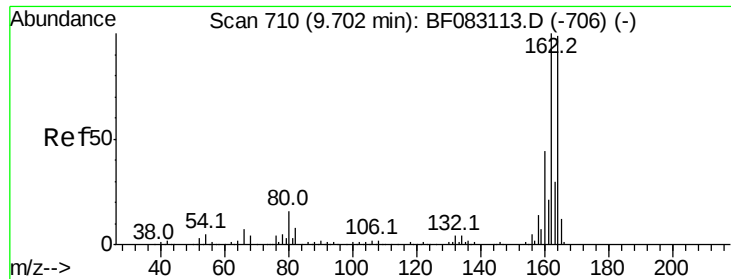


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

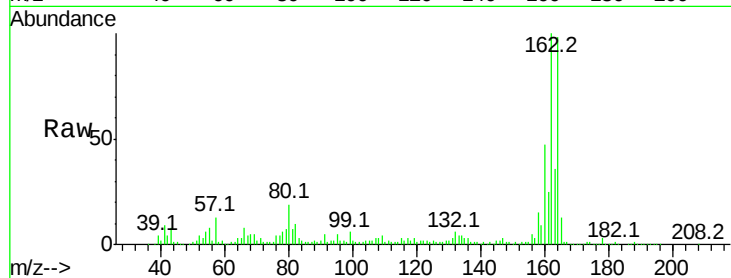




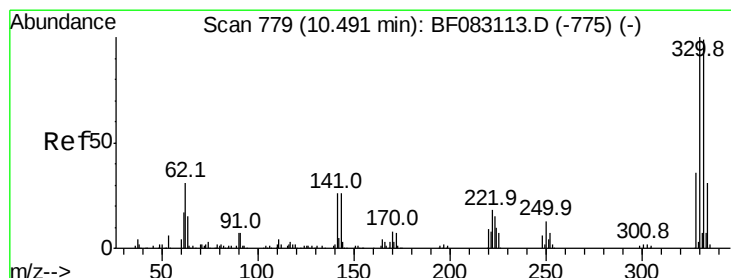
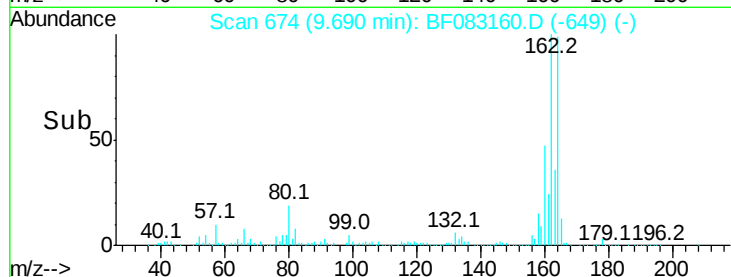
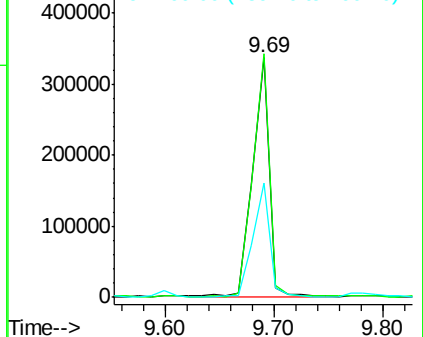
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Instrument :
 BNA_F
 ClientSampled :
 MW-04

Tot Ion:164 Resp: 355122
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.2 121.8
 160 47.7 35.6 53.4

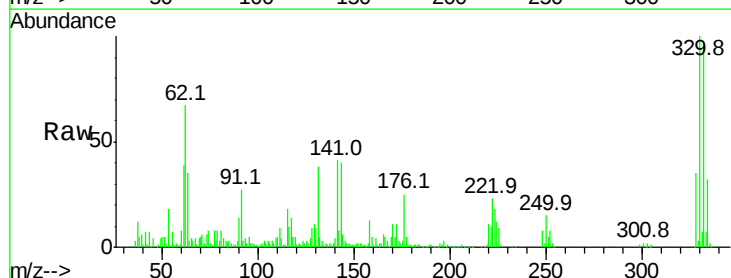


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

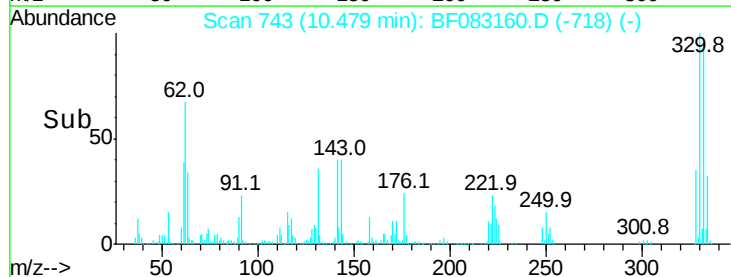
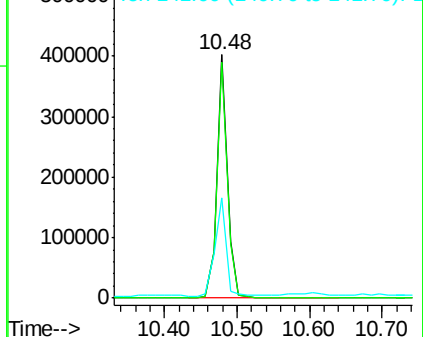


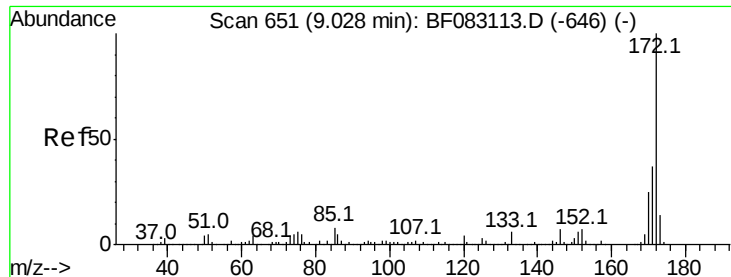
#41
 2,4,6-Tribromophenol
 Concen: 110.53 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Tgt Ion:330 Resp: 401567
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.7 116.5
 141 42.4 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

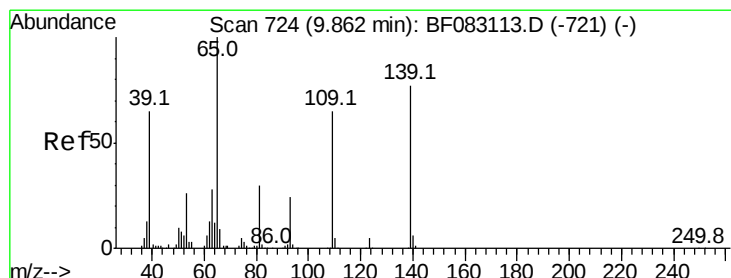
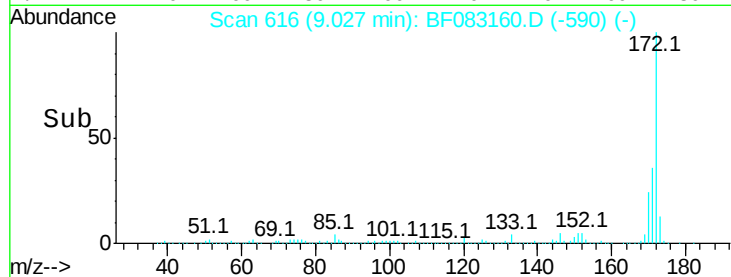
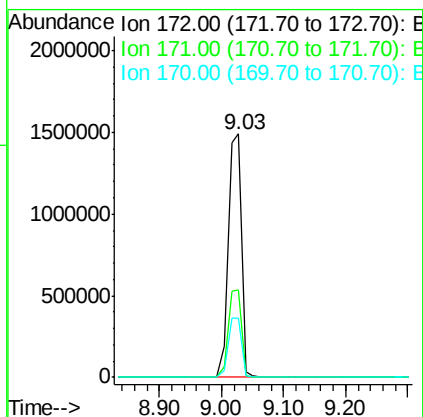
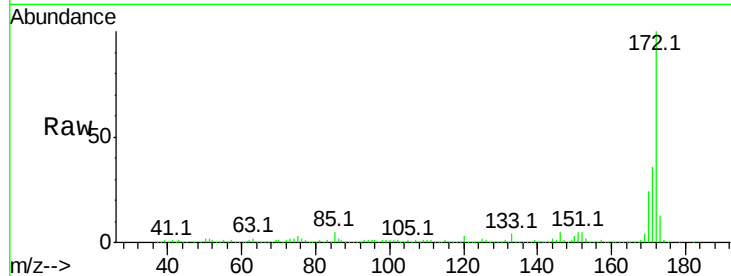




#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

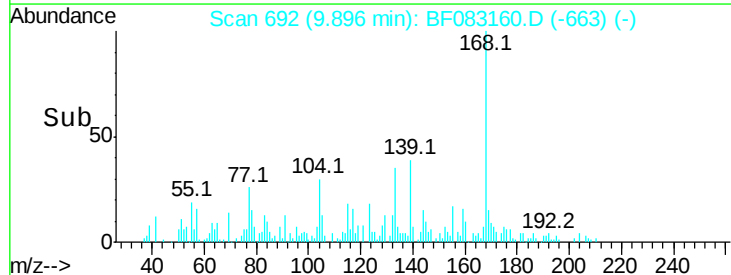
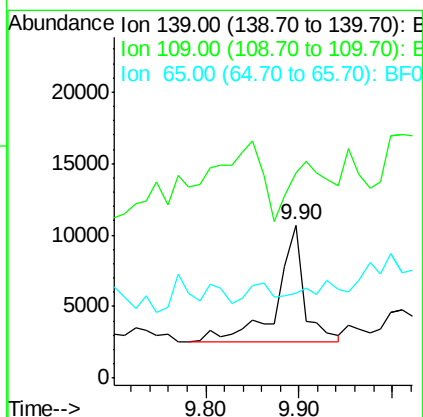
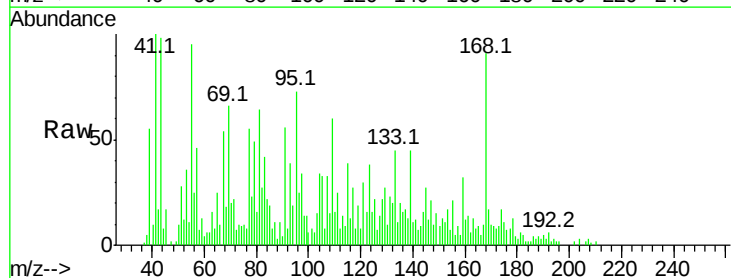
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

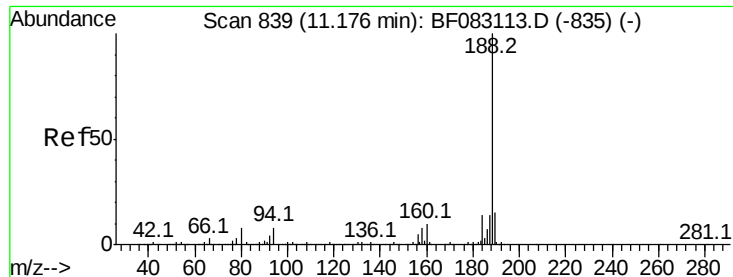
Tot Ion:172 Resp: 2188941
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 24.2 19.9 29.9



#55
 4-Nitrophenol
 Concen: 3.21 ng
 RT: 9.90 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Tgt Ion:139 Resp: 16076
 Ion Ratio Lower Upper
 139 100
 109 134.2 64.0 104.0#
 65 55.9 109.5 149.5#

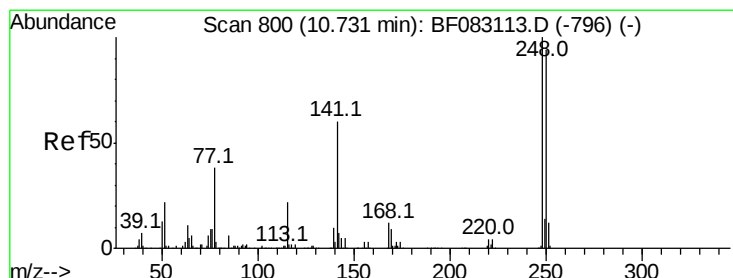
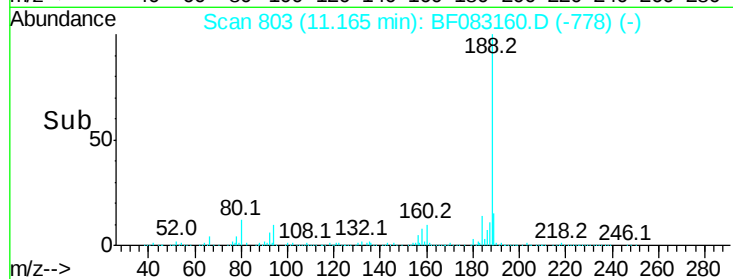
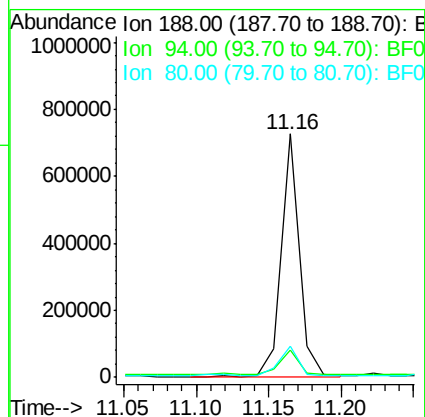
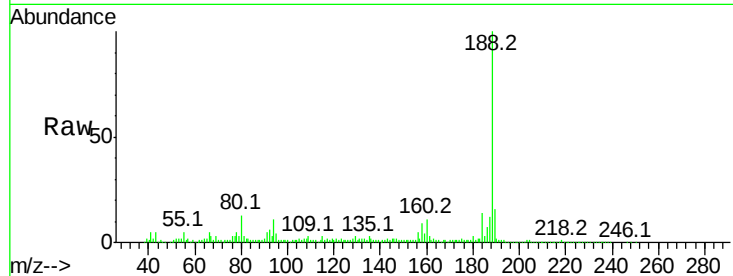




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

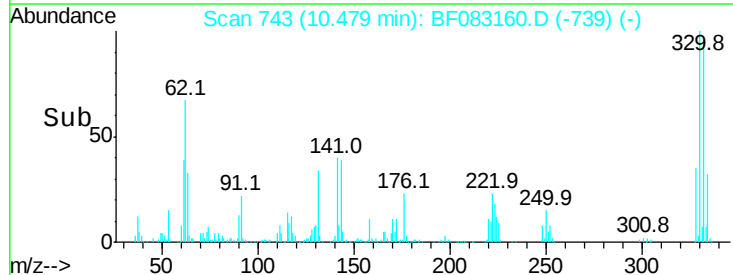
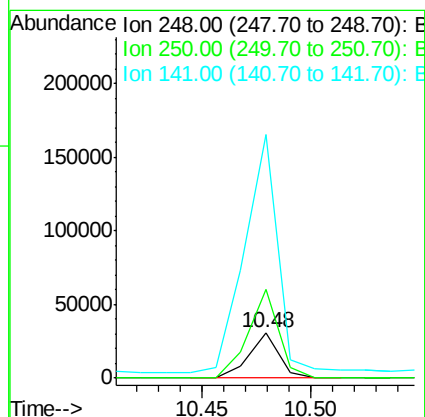
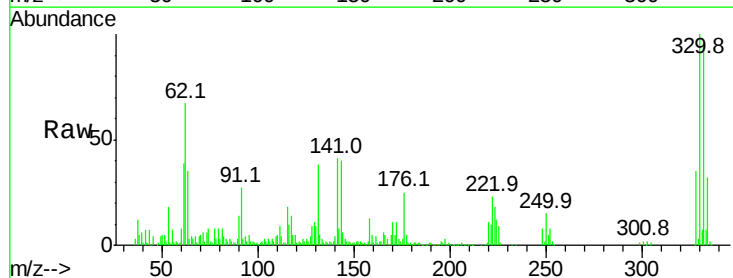
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

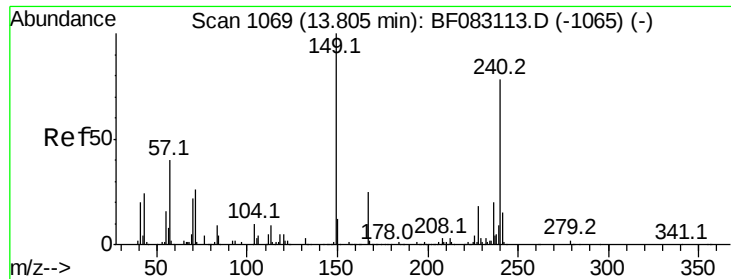
Tot Ion:188 Resp: 619344
 Ion Ratio Lower Upper
 188 100
 94 11.4 6.0 9.0#
 80 12.7 6.7 10.1#



#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Tgt Ion:248 Resp: 29287
 Ion Ratio Lower Upper
 248 100
 250 196.0 75.4 113.2#
 141 537.1 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

MW-04

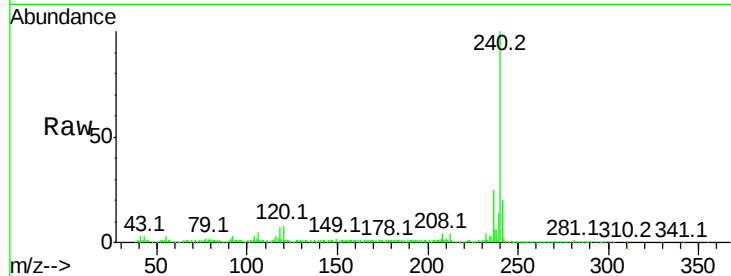
Tot Ion:240 Resp: 500662

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.2

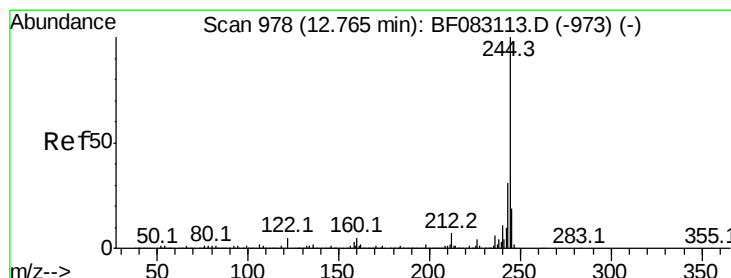
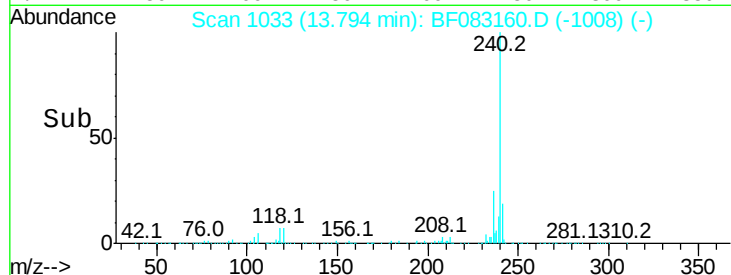
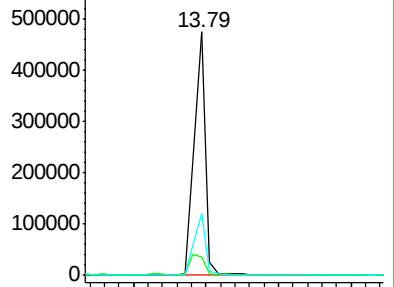
236 25.3 20.6 31.0



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: 78.73 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

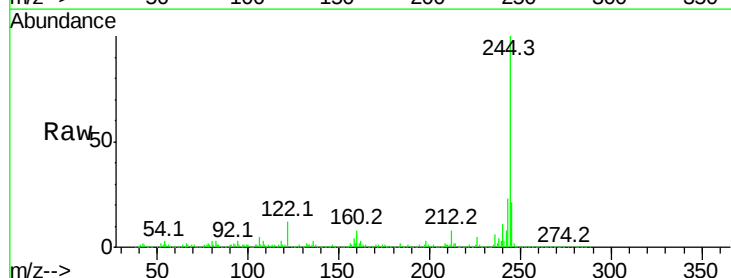
Tgt Ion:244 Resp: 1673921

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

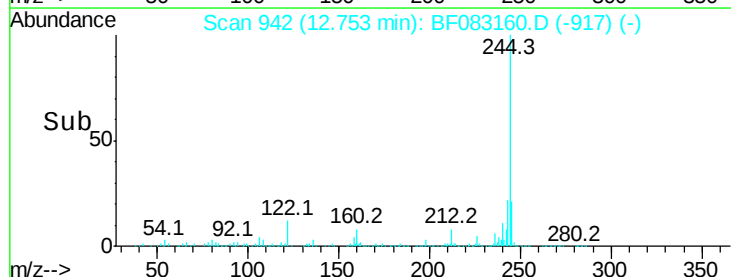
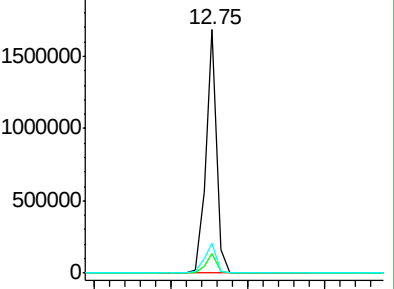
122 12.2 4.3 6.5#

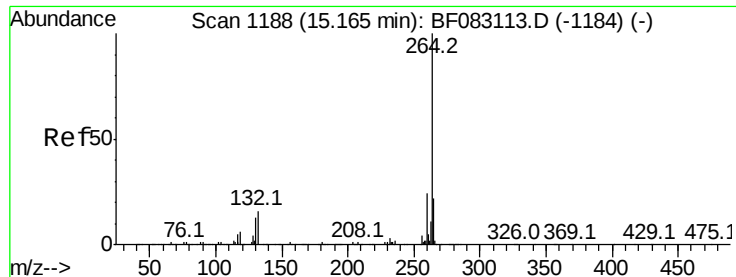


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

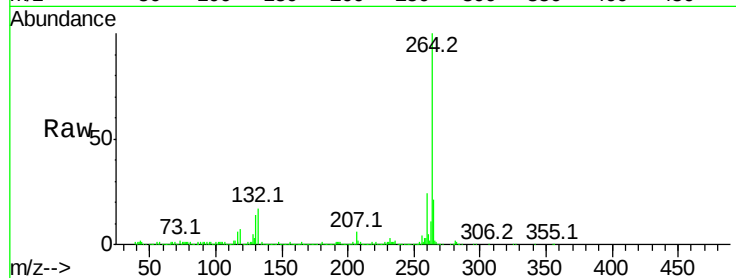




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.3	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

