

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083166.D
 Acq On : 22 Nov 2015 18:44
 Operator : UM/IZ
 Sample : G4455-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Nov 23 03:39:58 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

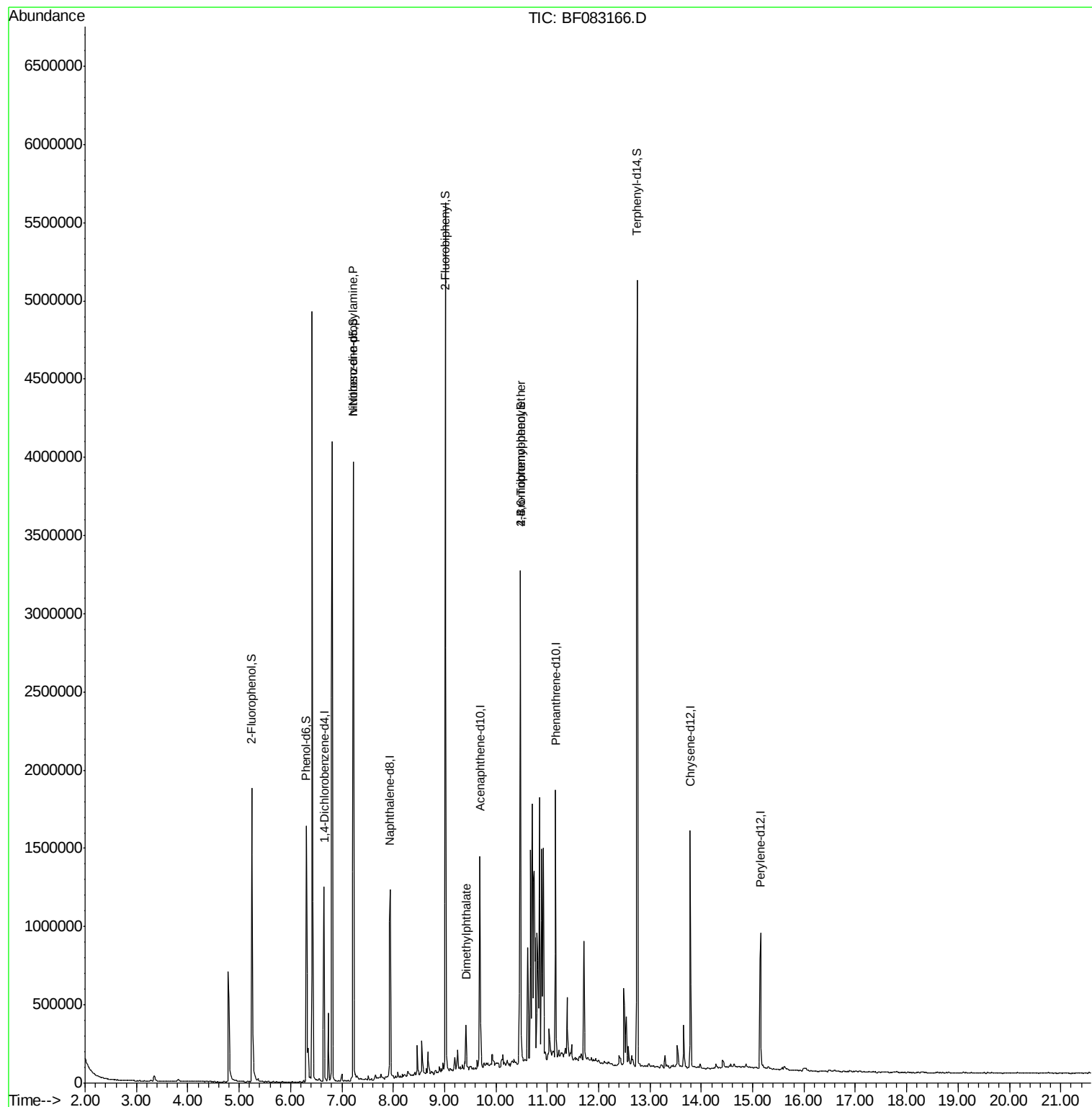
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197737	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	746067	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	374651	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	684651	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	562191	20.00	ng	-0.02
86) Perylene-d12	15.15	264	456160	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	759241	58.05	ng	-0.03
7) Phenol-d6	6.31	99	657035	38.83	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1429566	87.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	509060	132.81	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2195249	81.71	ng	-0.01
78) Terphenyl-d14	12.75	244	2124061	88.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	201728	17.13	ng	# 76
49) Dimethylphthalate	9.42	163	111180	3.85	ng	99
66) 4-Bromophenyl-phenylether	10.48	248	33276	4.38	ng	# 1

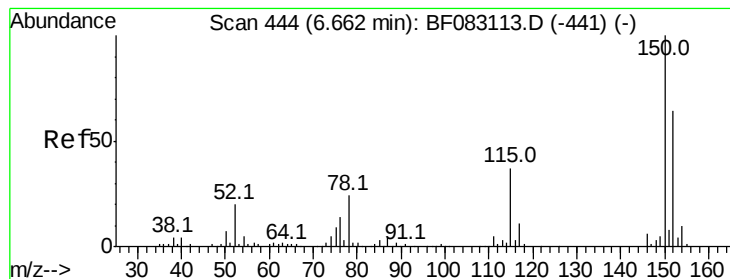
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:39:58 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



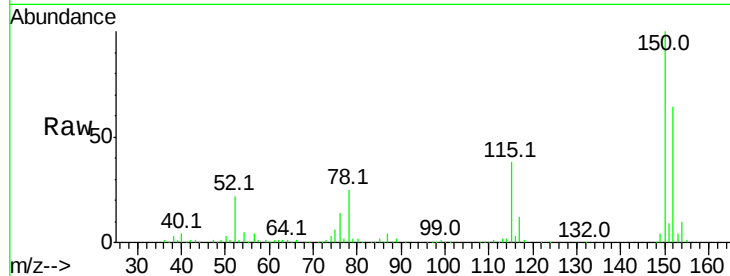


#1

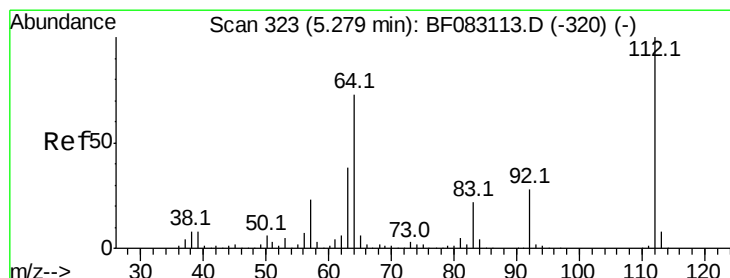
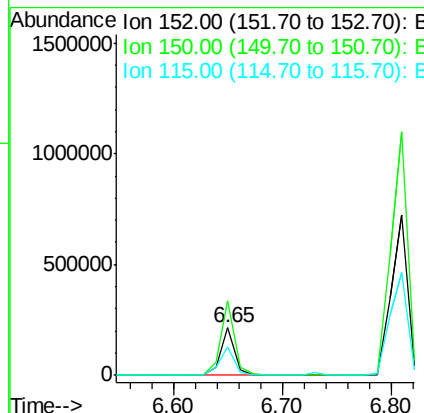
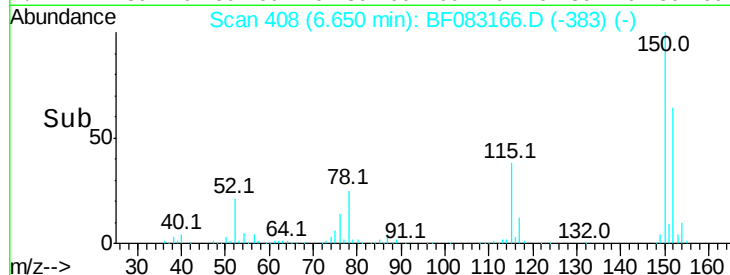
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083166.D
Acq: 22 Nov 2015 18:44

Instrument :
BNA_F
ClientSampled :
MW-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.8
115	59.5	46.9	70.3



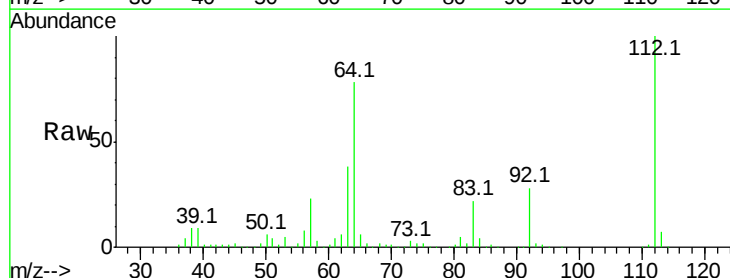
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



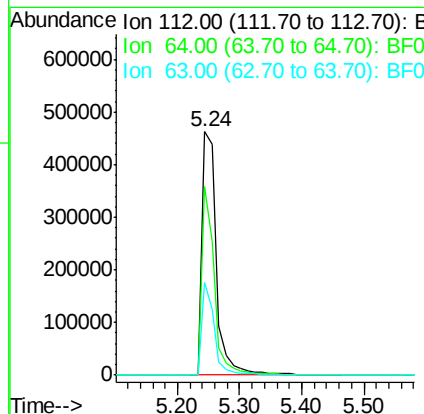
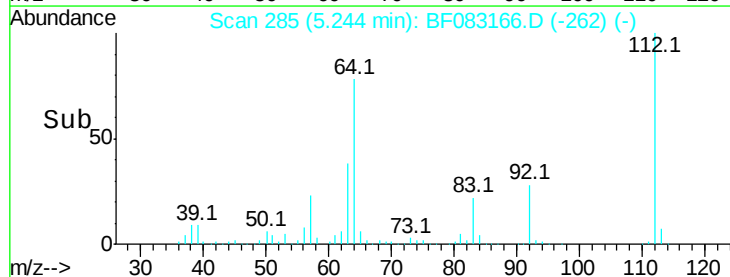
#5

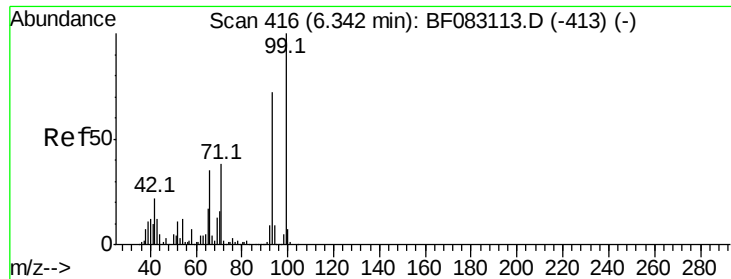
2-Fluorophenol
Concen: 58.05 ng
RT: 5.24 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF083166.D
Acq: 22 Nov 2015 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.7	58.4	87.6
63	38.0	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: 38.83 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-15

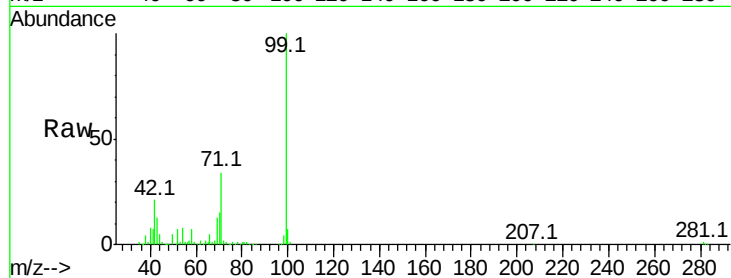
Tot Ion: 99 Resp: 657035

Ion Ratio Lower Upper

99 100

42 21.4 17.7 26.5

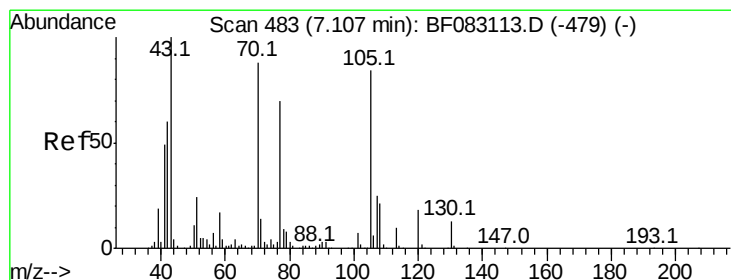
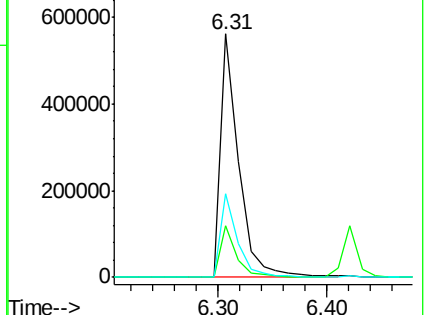
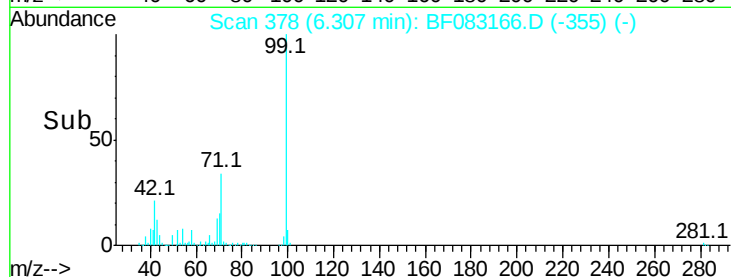
71 34.3 30.2 45.4



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: 17.13 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

Tgt Ion: 70 Resp: 201728

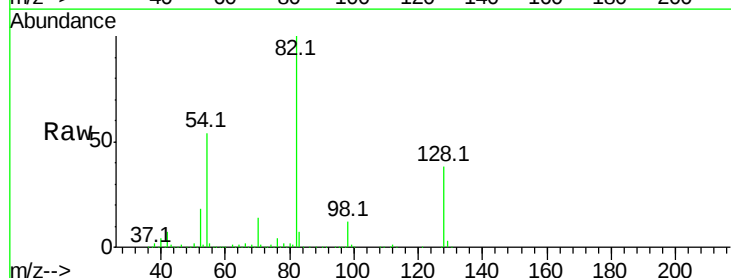
Ion Ratio Lower Upper

70 100

42 49.8 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#

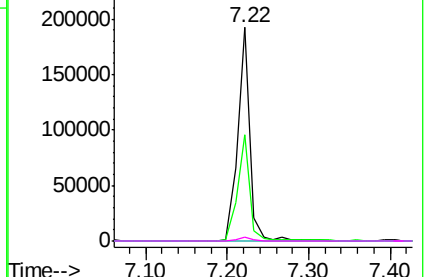
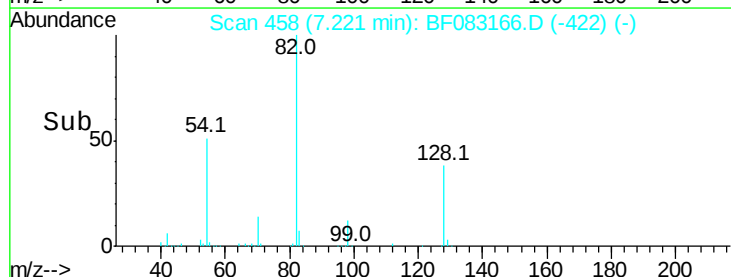


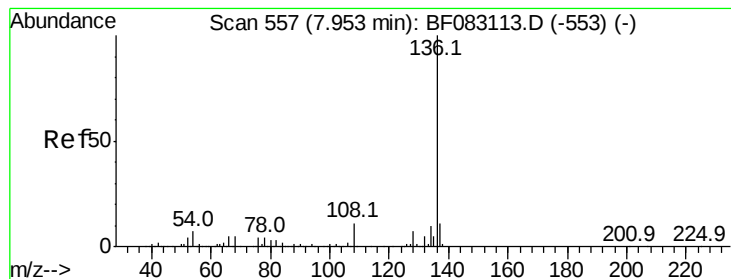
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-15

Tot Ion:136 Resp: 746067

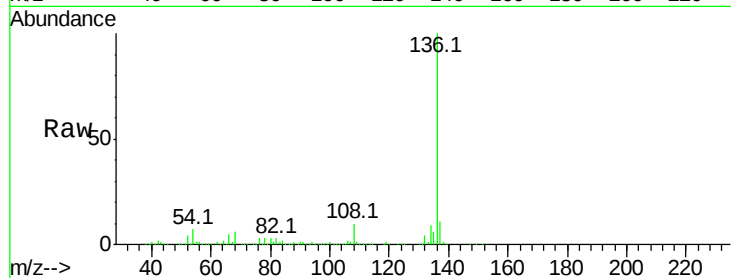
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.4 5.8 8.6

68 5.5 3.8 5.8

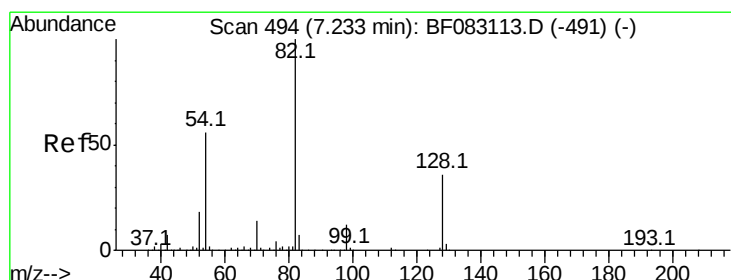
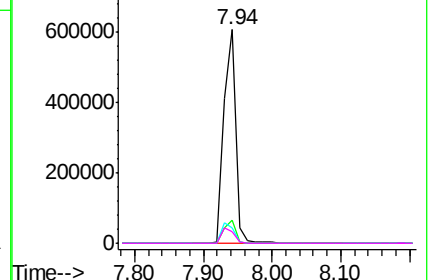
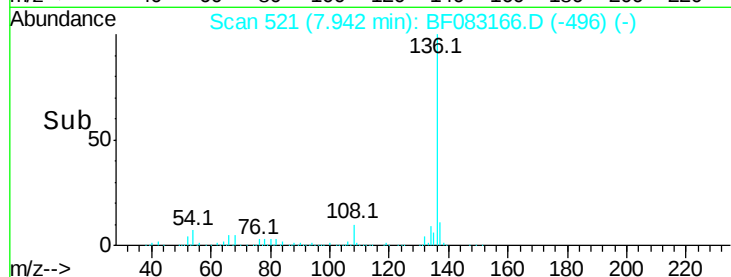


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.56 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

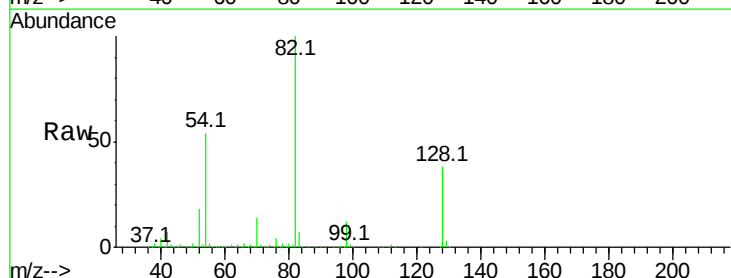
Tgt Ion: 82 Resp: 1429566

Ion Ratio Lower Upper

82 100

128 37.8 28.5 42.7

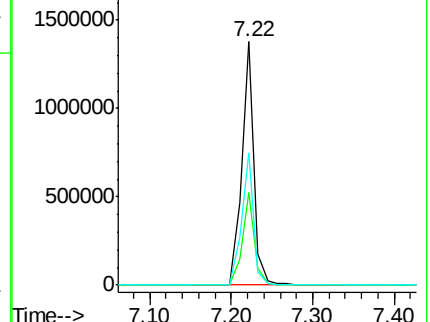
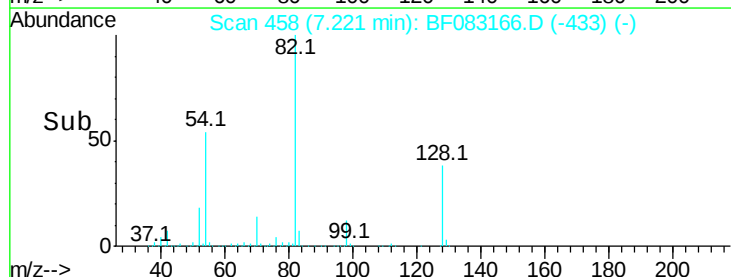
54 54.3 44.6 67.0

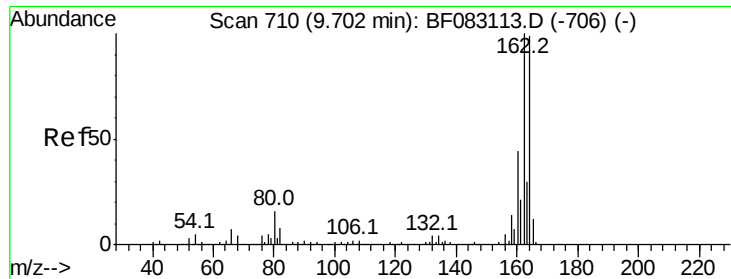


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

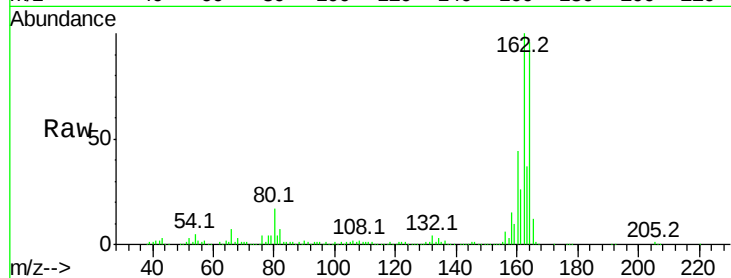




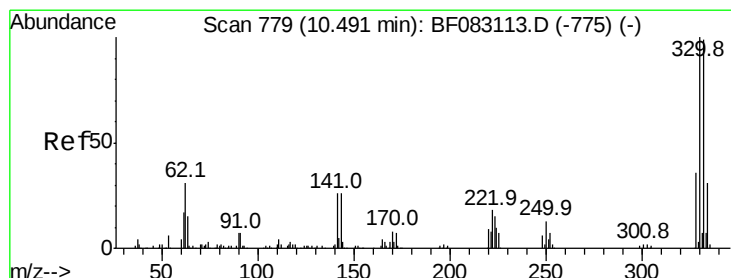
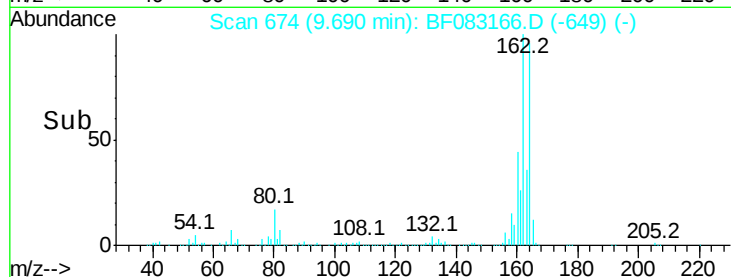
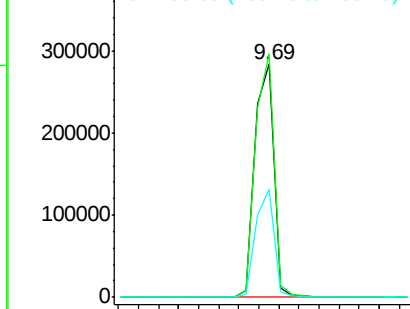
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083166.D
Acq: 22 Nov 2015 18:44

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion:164 Resp: 374651
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 46.1 35.6 53.4

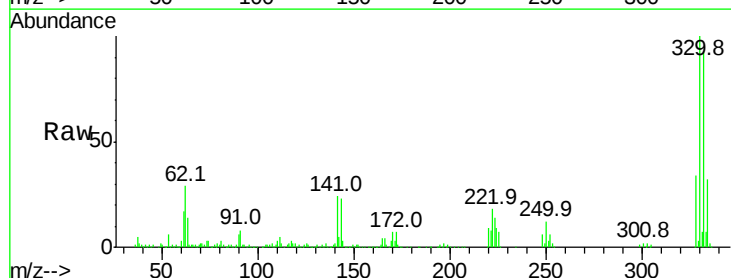


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

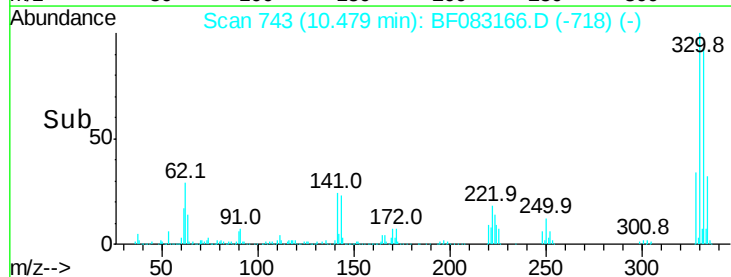
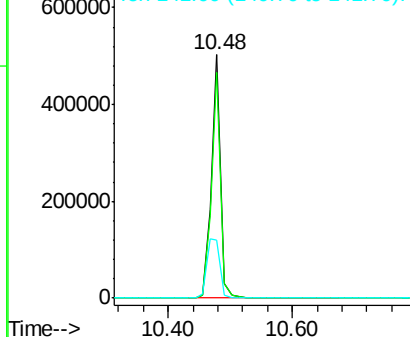


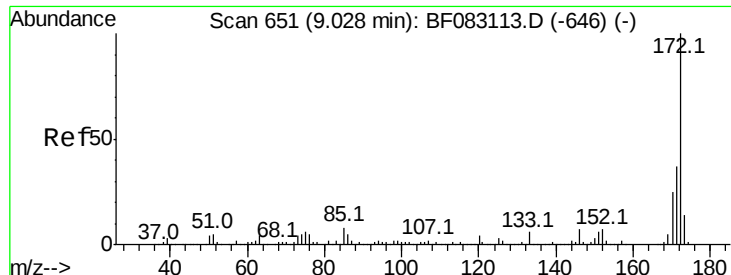
#41
2,4,6-Tribromophenol
Concen: 132.81 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083166.D
Acq: 22 Nov 2015 18:44

Tgt Ion:330 Resp: 509060
Ion Ratio Lower Upper
330 100
332 93.0 77.7 116.5
141 35.5 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



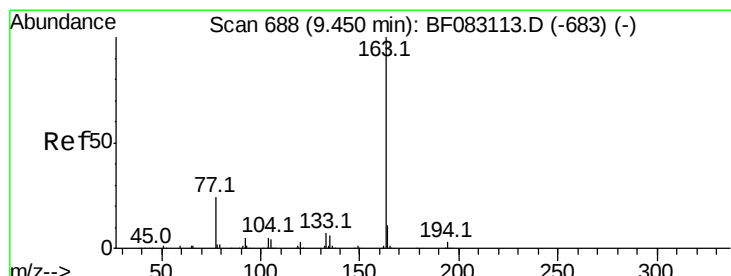
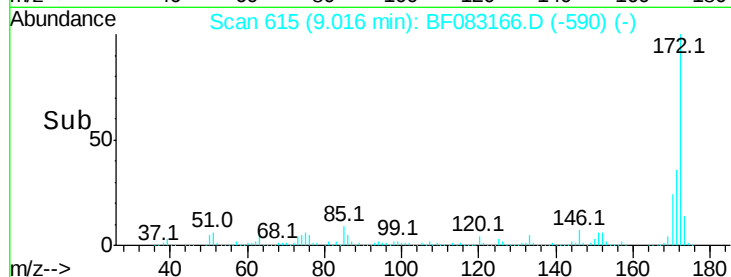
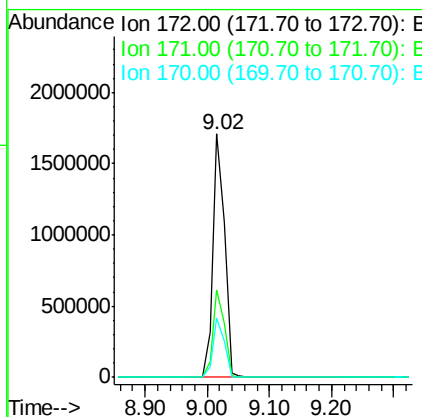
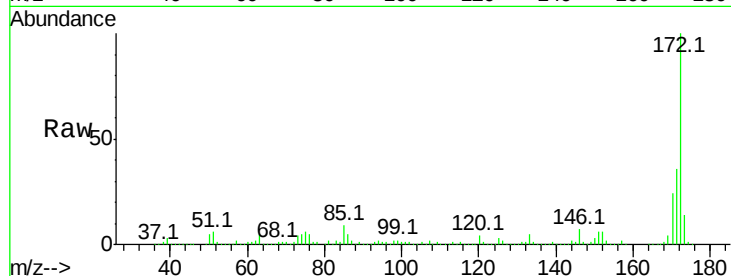


#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083166.D
 Acq: 22 Nov 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:172 Resp: 2195249

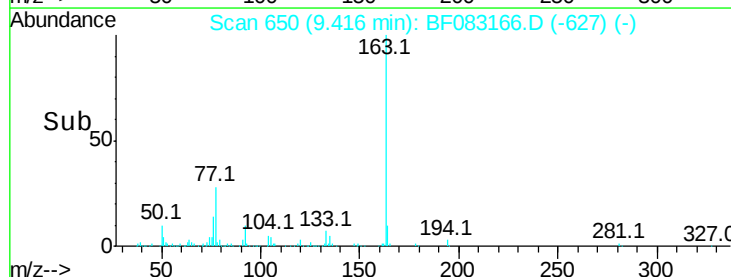
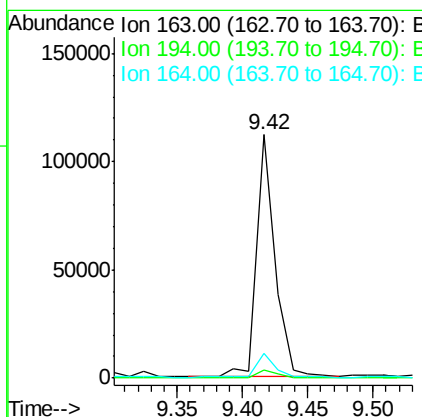
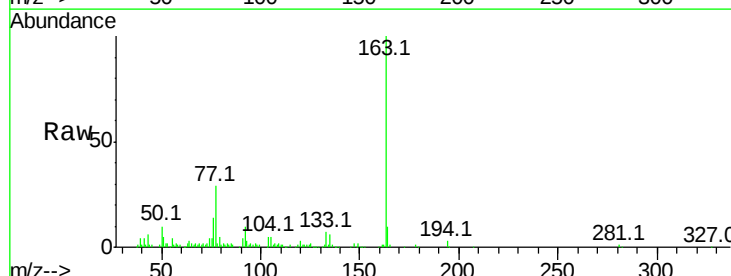
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.5	19.9	29.9

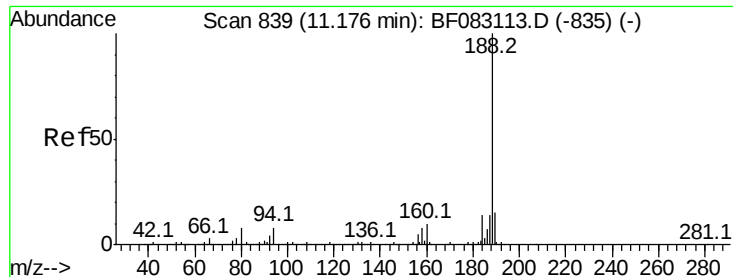


#49
 Dimethylphthalate
 Concen: 3.85 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083166.D
 Acq: 22 Nov 2015 18:44

Tgt Ion:163 Resp: 111180

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.6	12.8

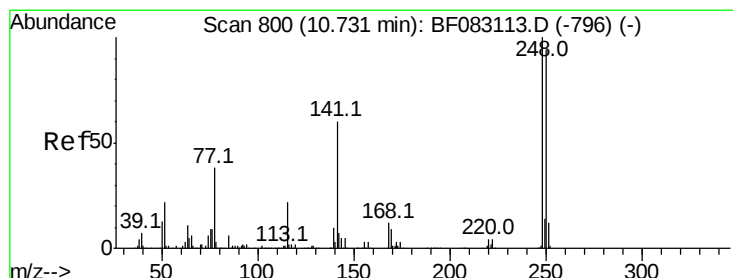
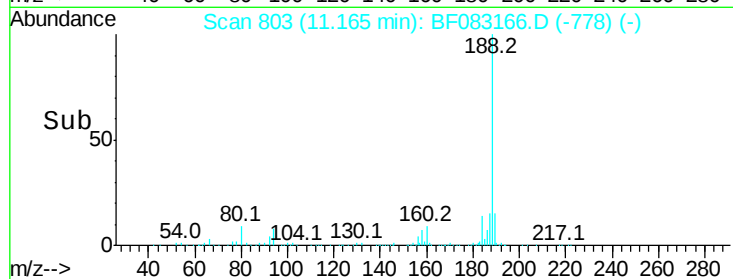
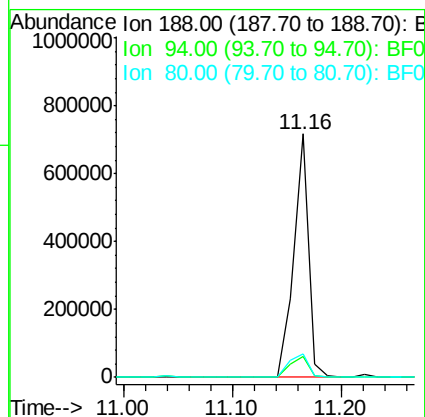
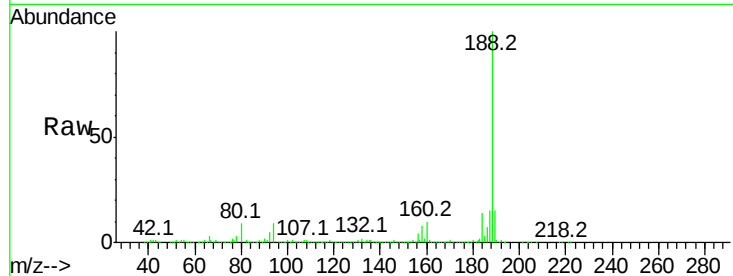




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083166.D
 Acq: 22 Nov 2015 18:44

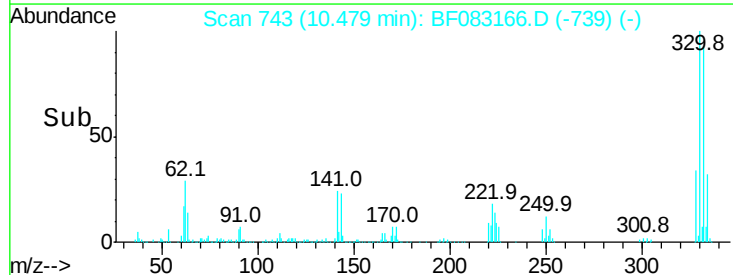
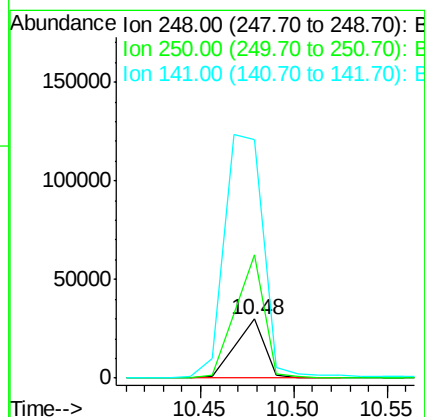
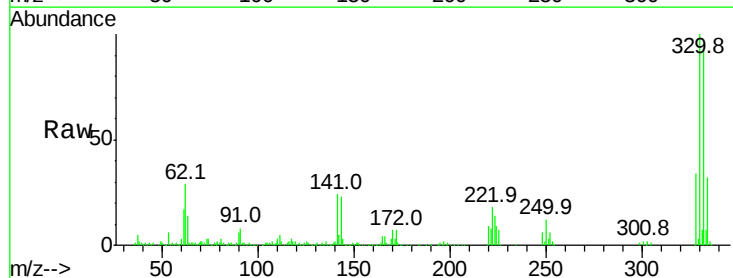
Instrument :
 BNA_F
 ClientSampled :
 MW-15

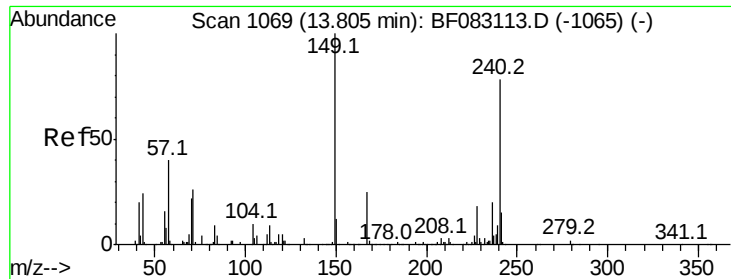
Tot Ion:188 Resp: 684651
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.0 9.0
 80 9.4 6.7 10.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083166.D
 Acq: 22 Nov 2015 18:44

Tgt Ion:248 Resp: 33276
 Ion Ratio Lower Upper
 248 100
 250 208.6 75.4 113.2#
 141 403.6 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

Instrument :

BNA_F

ClientSampleId :

MW-15

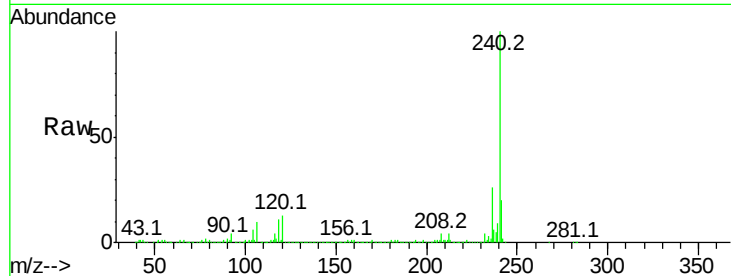
Tot Ion:240 Resp: 562191

Ion Ratio Lower Upper

240 100

120 12.7 5.4 8.2#

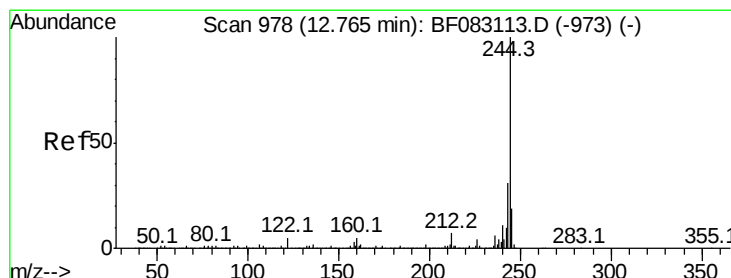
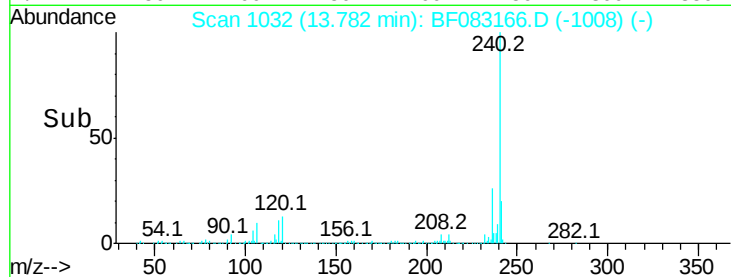
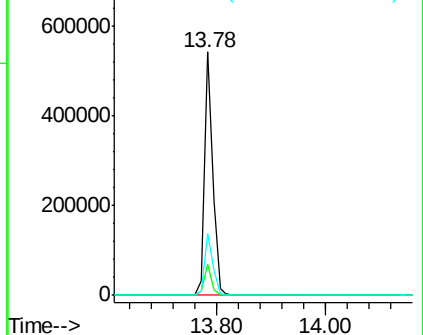
236 25.6 20.6 31.0



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: 88.97 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083166.D

Acq: 22 Nov 2015 18:44

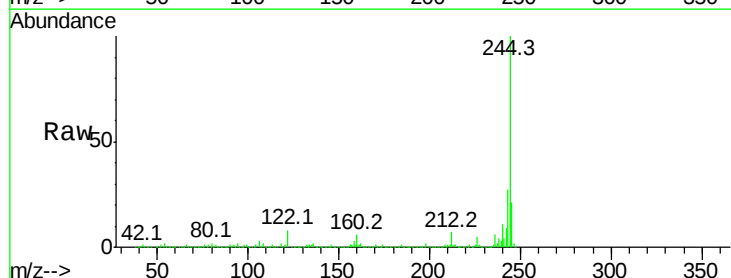
Tgt Ion:244 Resp: 2124061

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

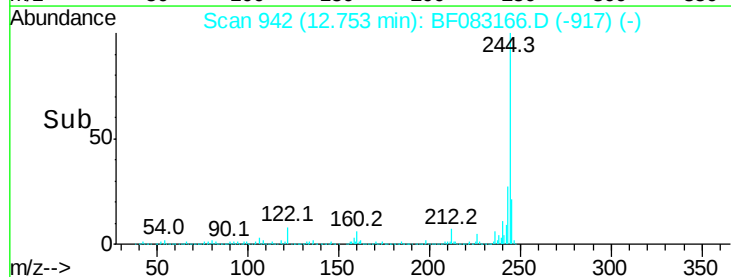
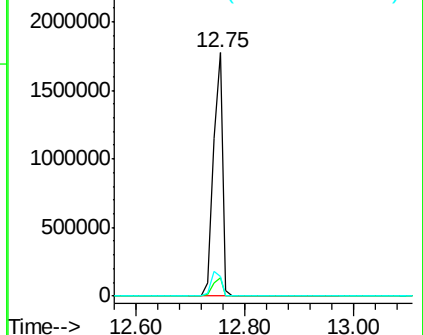
122 7.9 4.3 6.5#

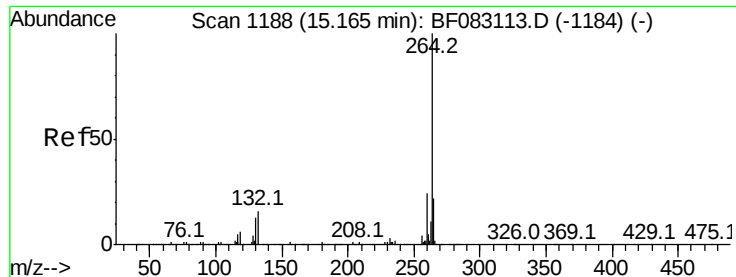


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083166.D
Acq: 22 Nov 2015 18:44

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.2	18.2	27.4

