

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083191.D
 Acq On : 23 Nov 2015 6:58
 Operator : UM/IZ
 Sample : G4437-04
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Nov 23 07:35:18 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

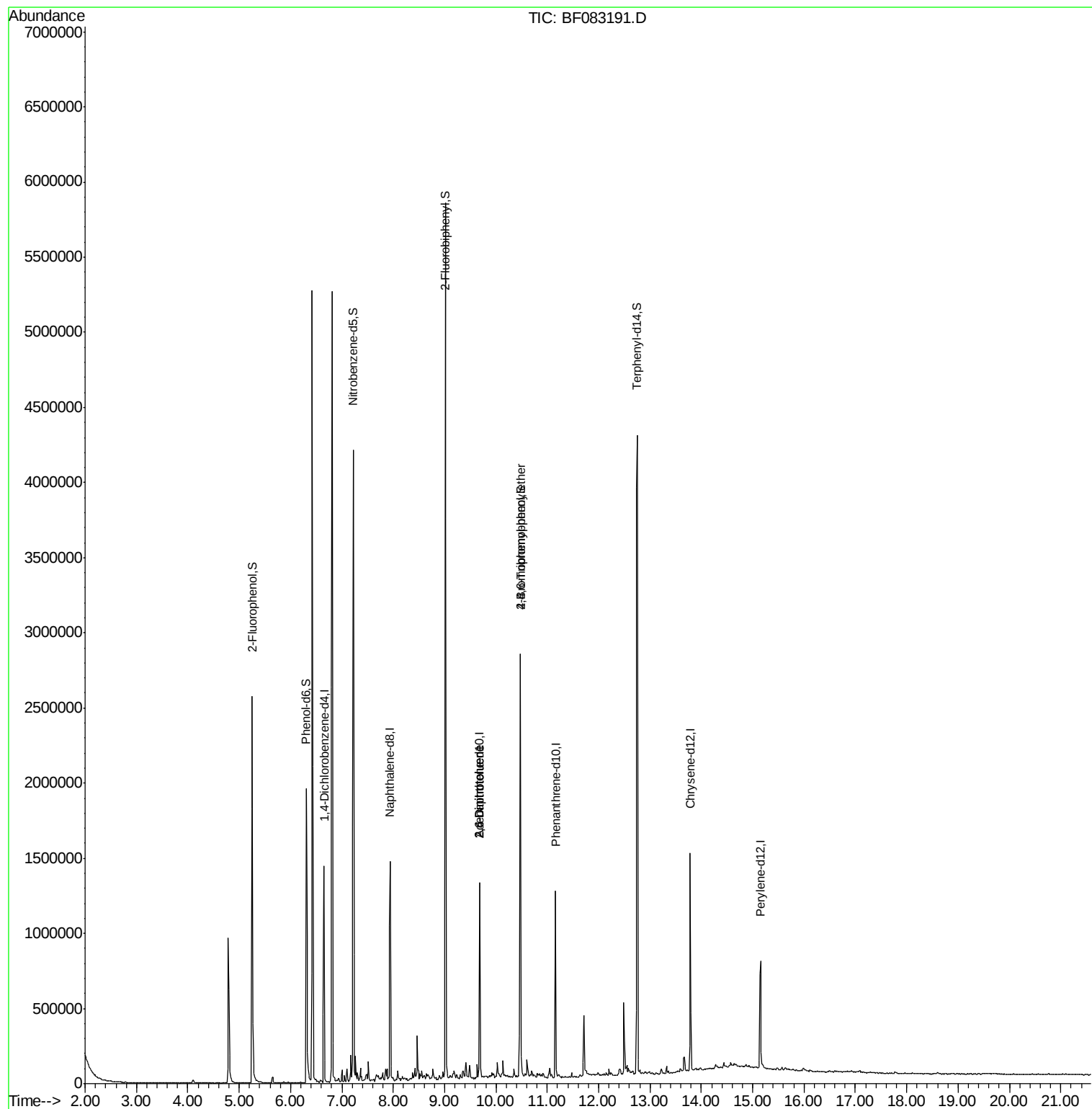
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	227992	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	828757	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	382959	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	628680	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	503966	20.00	ng	-0.02
86) Perylene-d12	15.15	264	395010	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	979039	64.92	ng	-0.02
7) Phenol-d6	6.31	99	807558	41.39	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1603348	88.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	501713	128.06	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2486561	90.54	ng	-0.01
78) Terphenyl-d14	12.75	244	2000993	93.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	1358	Below Cal	#	4
50) 2,6-Dinitrotoluene	9.68	165	49710	7.51	ng	# 14
56) 2,4-Dinitrotoluene	9.68	165	49702	5.93	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	35059	5.03	ng	# 1

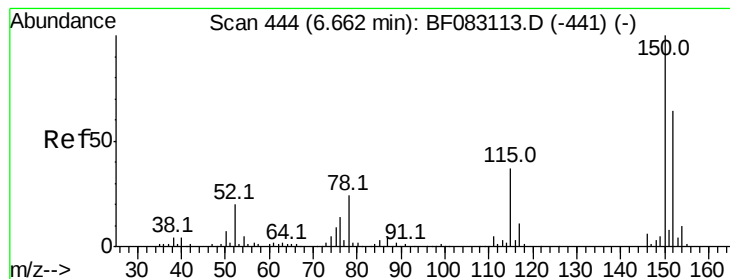
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 07:35:18 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: BF083191.D

Acq: 23 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

MW-37

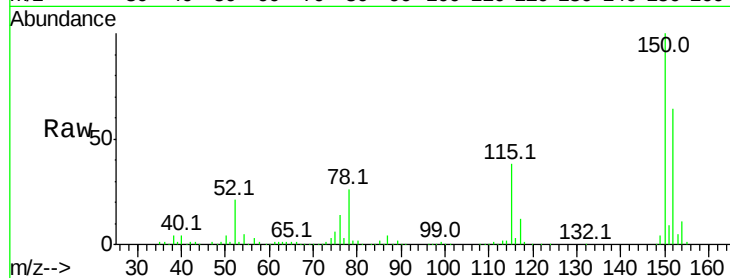
Tot Ion:152 Resp: 227992

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.8

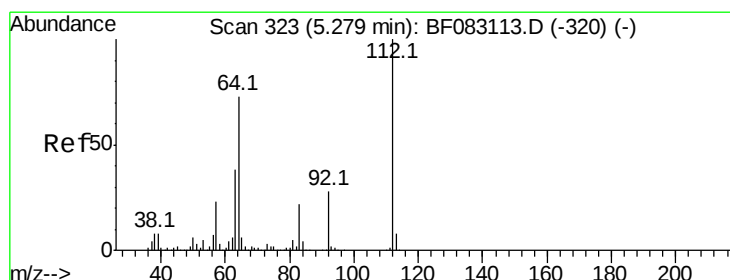
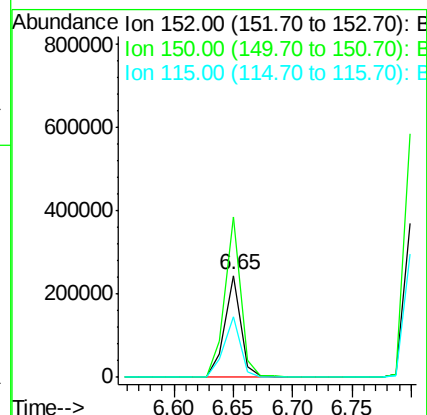
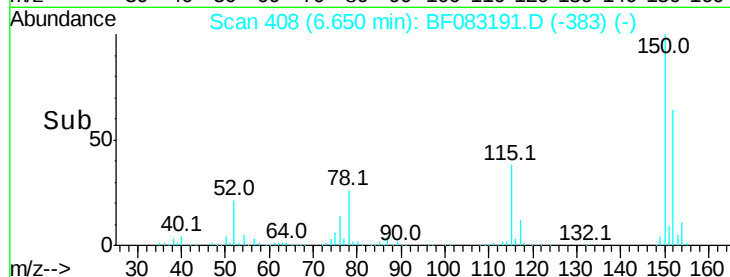
115 59.7 46.9 70.3



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: 64.92 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

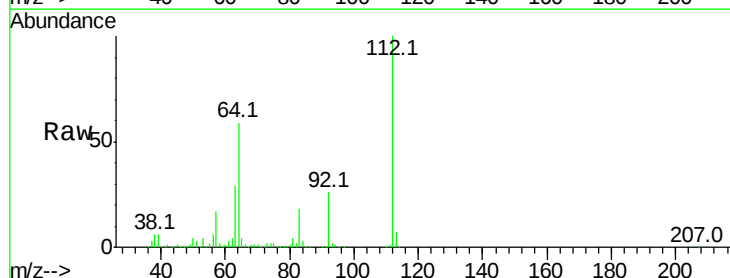
Tgt Ion:112 Resp: 979039

Ion Ratio Lower Upper

112 100

64 59.0 58.4 87.6

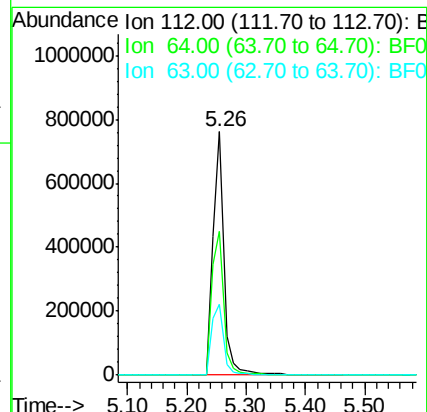
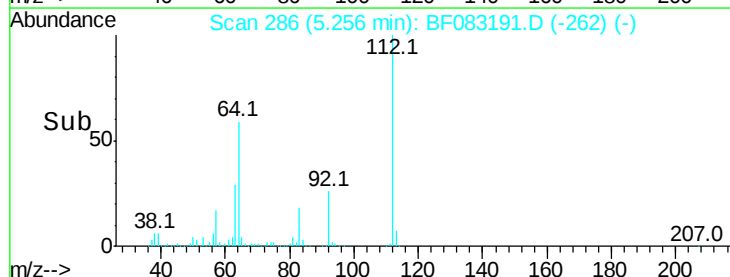
63 29.1 30.0 45.0#

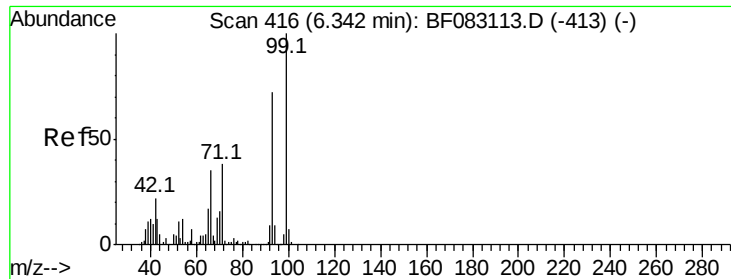


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.39 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

MW-37

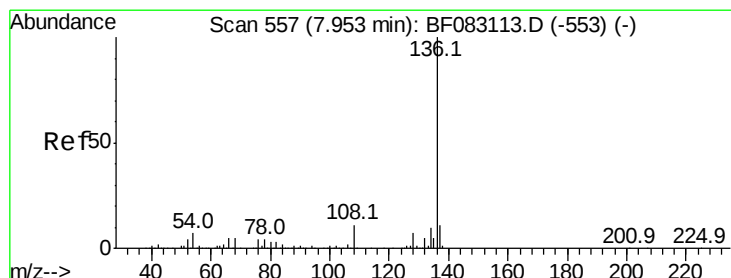
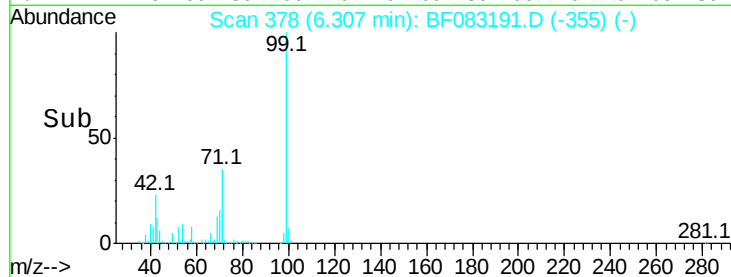
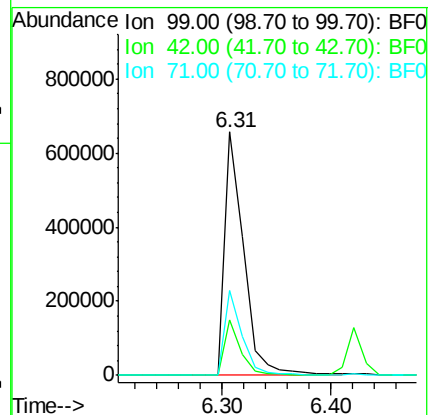
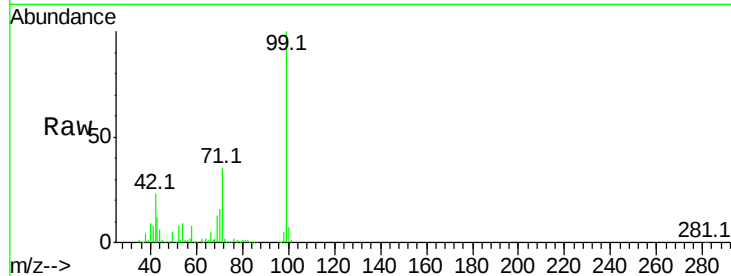
Tot Ion: 99 Resp: 807558

Ion Ratio Lower Upper

99 100

42 22.9 17.7 26.5

71 34.7 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

Tgt Ion: 136 Resp: 828757

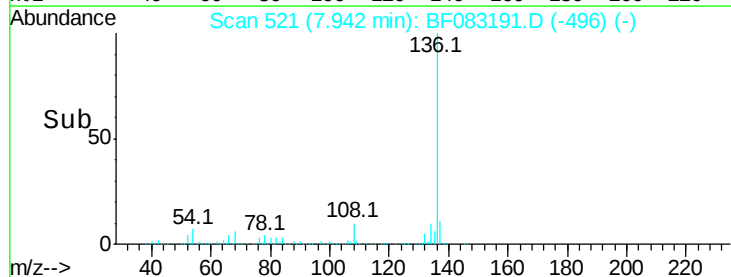
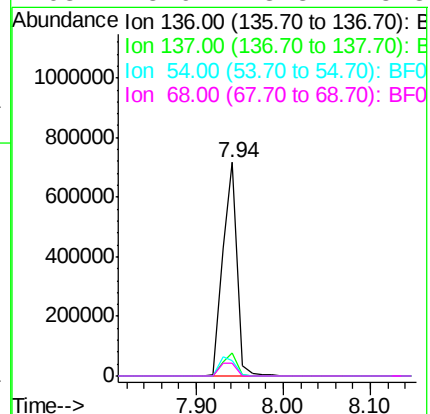
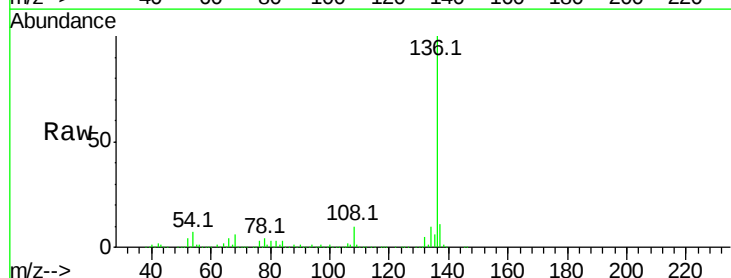
Ion Ratio Lower Upper

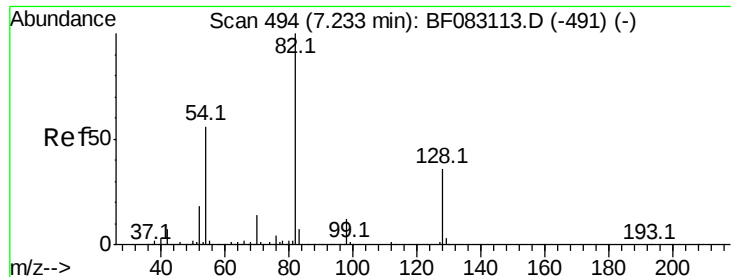
136 100

137 11.0 8.7 13.1

54 7.4 5.8 8.6

68 5.9 3.8 5.8#

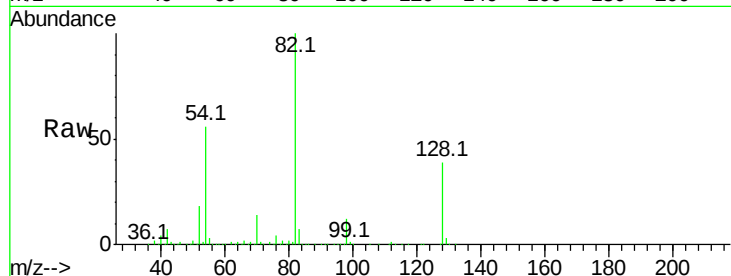




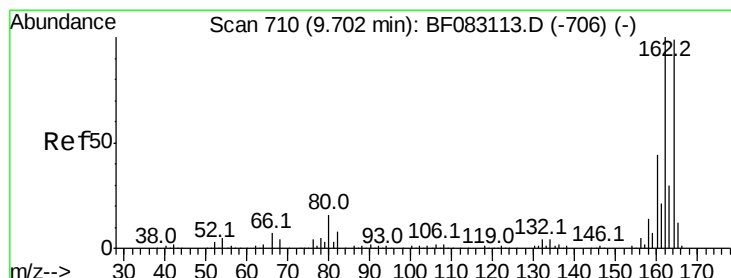
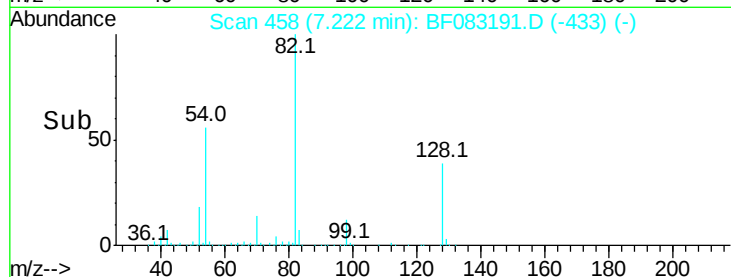
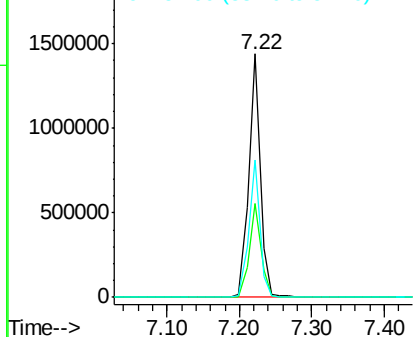
#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Instrument :
BNA_F
ClientSampleId :
MW-37

Tot Ion: 82 Resp: 1603348
Ion Ratio Lower Upper
82 100
128 38.6 28.5 42.7
54 56.2 44.6 67.0

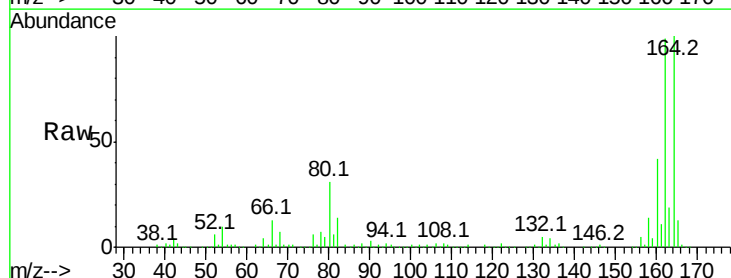


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

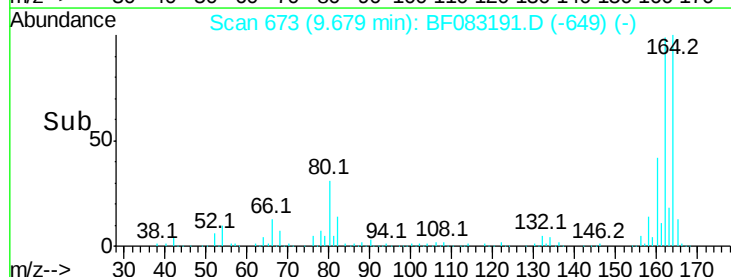
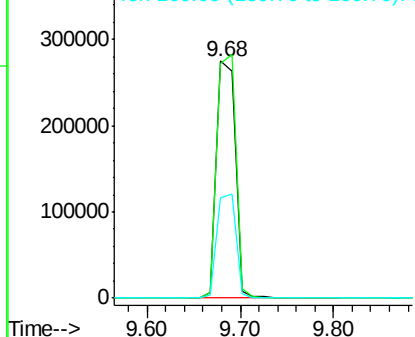


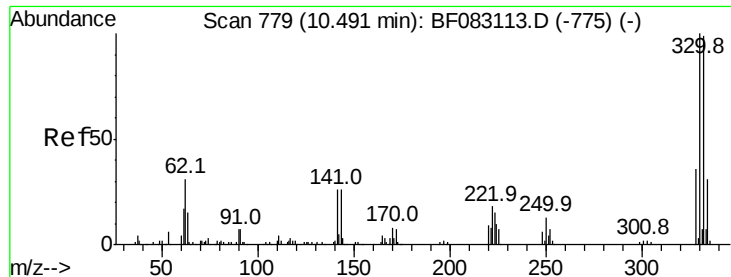
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Tgt Ion:164 Resp: 382959
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 42.2 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

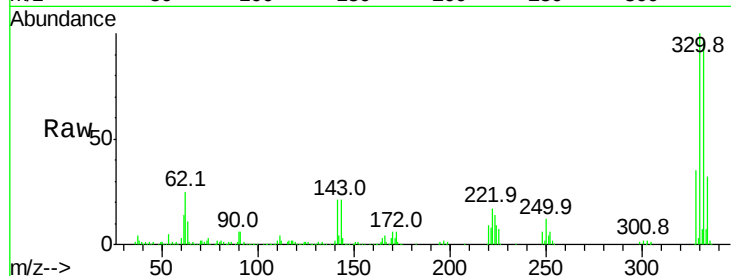




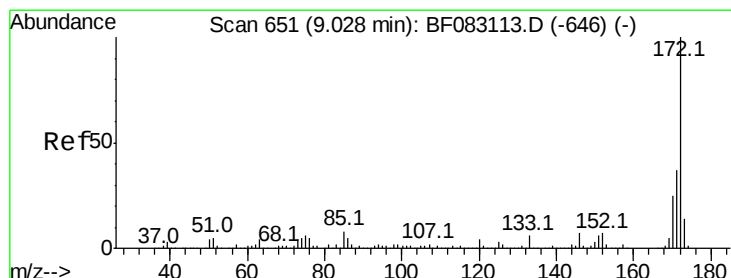
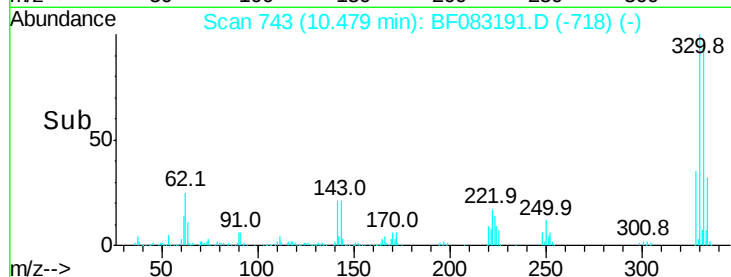
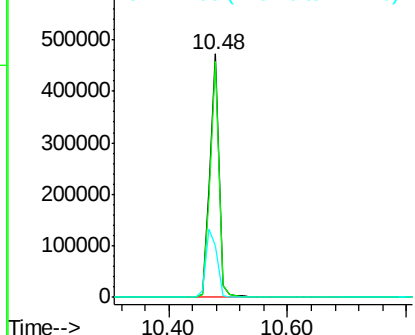
#41
 2,4,6-Tribromophenol
 Concen: 128.06 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tot Ion:330 Resp: 501713
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 35.1 29.7 44.5

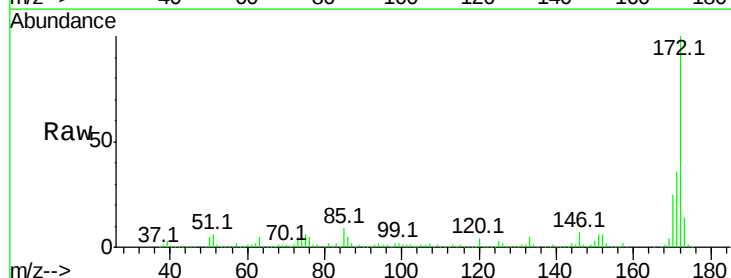


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

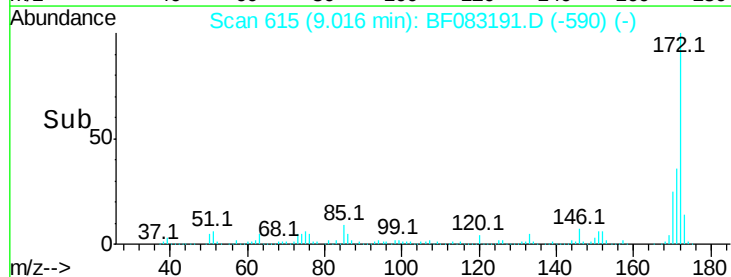
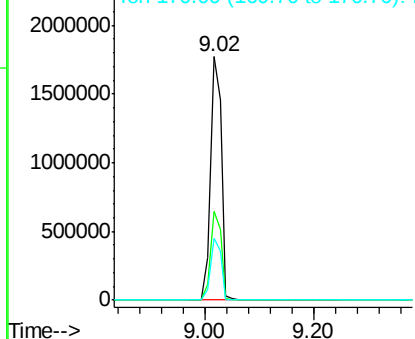


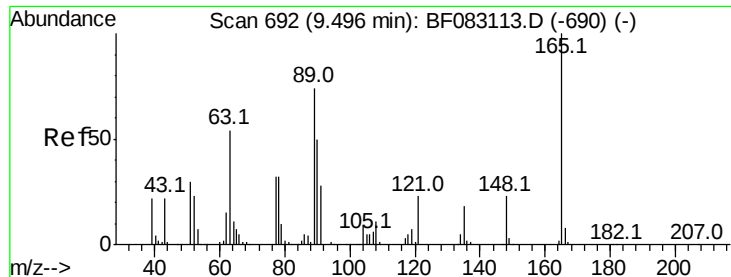
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

Tgt Ion:172 Resp: 2486561
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.5 44.3
 170 25.4 19.9 29.9



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

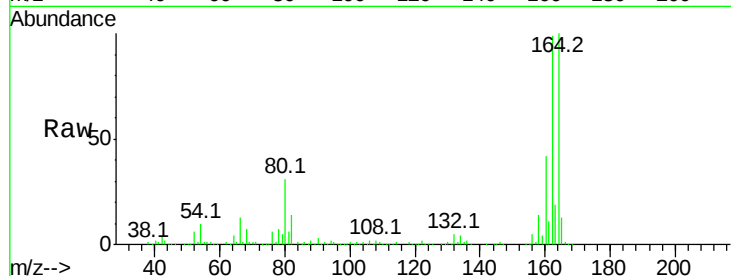




#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

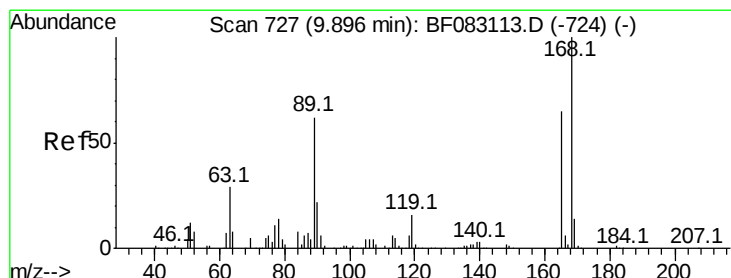
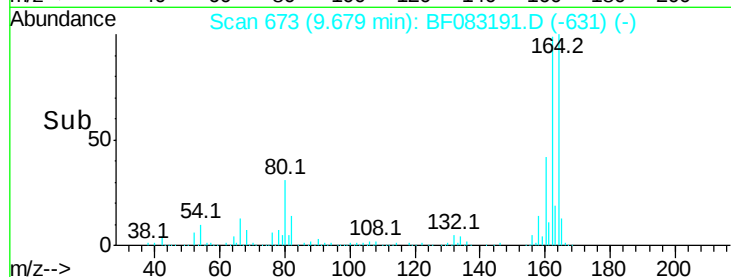
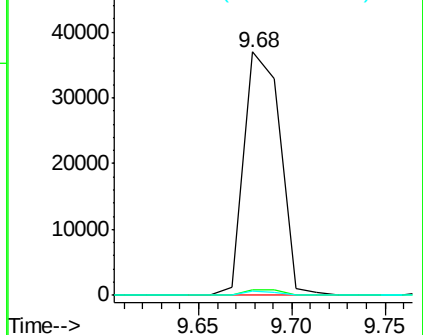
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	62.5	93.7#
89	1.6	59.1	88.7#



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: 5.93 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

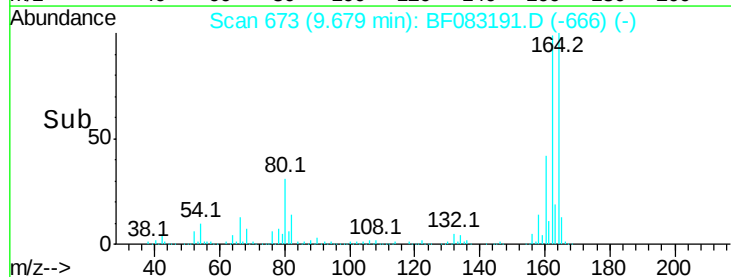
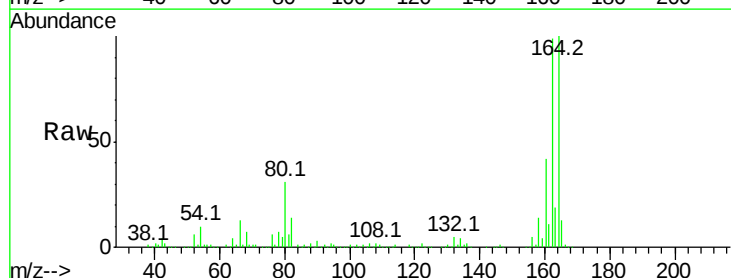
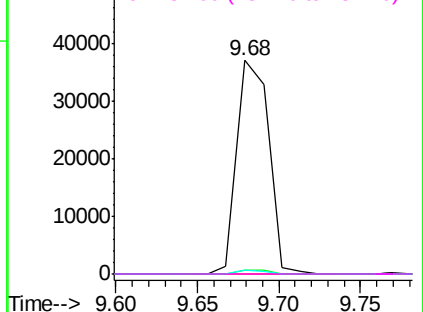
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#

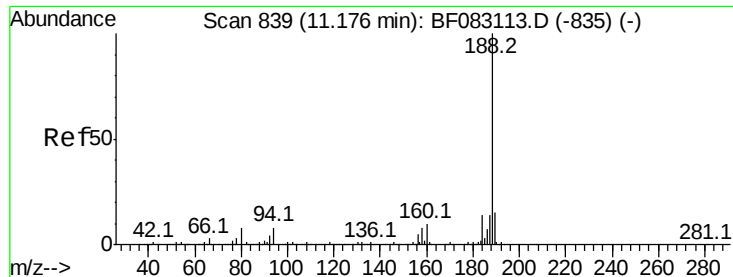
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

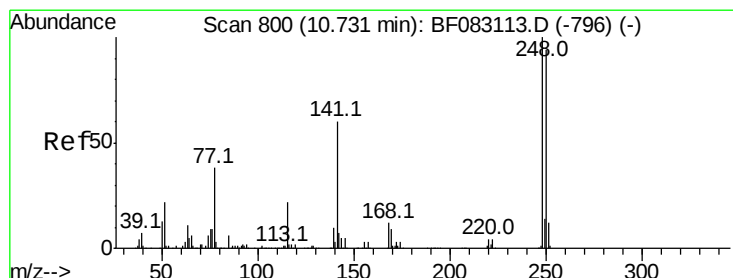
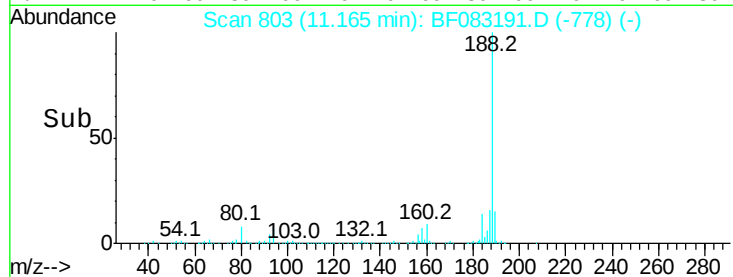
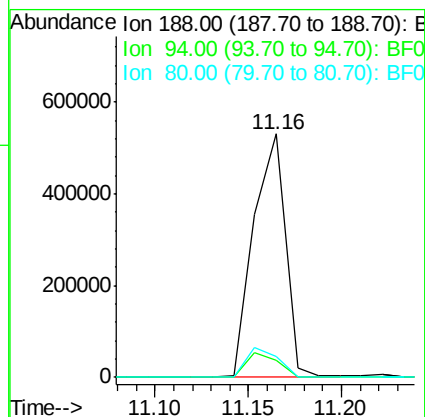
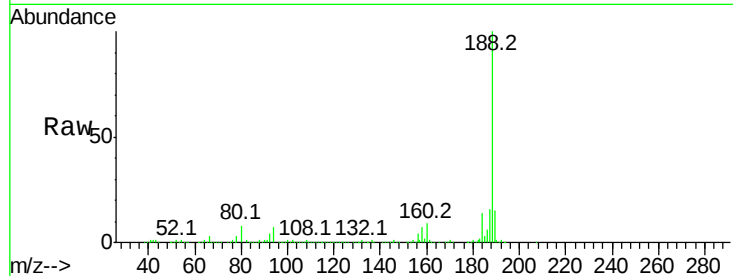




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

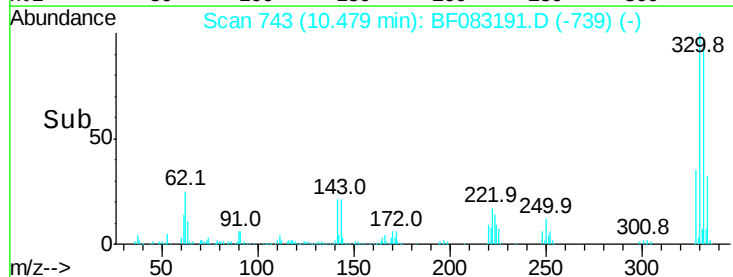
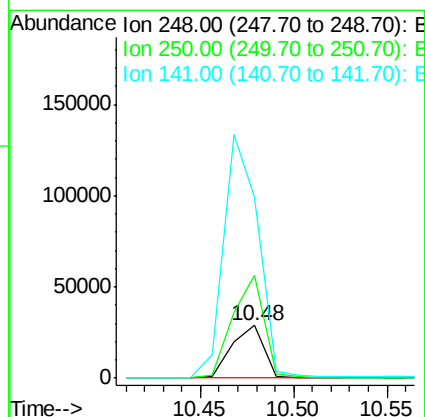
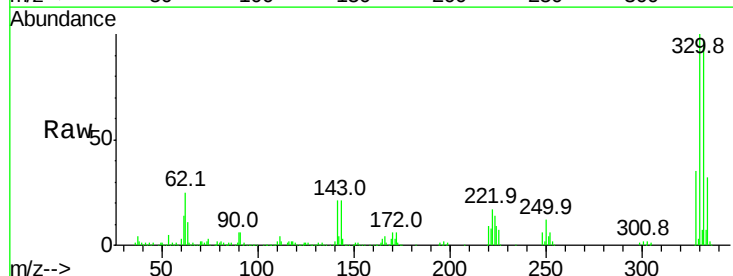
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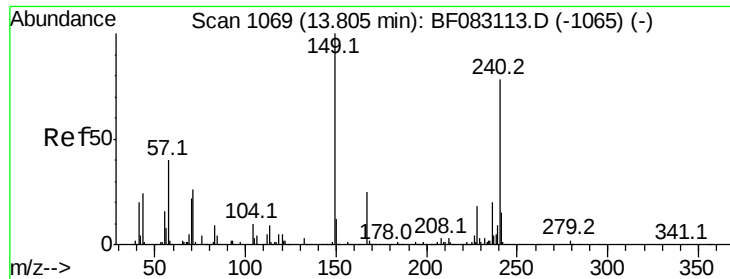
Tot Ion:188 Resp: 628680
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.4 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Tgt Ion:248 Resp: 35059
Ion Ratio Lower Upper
248 100
250 196.0 75.4 113.2#
141 344.5 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: BF083191.D

Acq: 23 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

MW-37

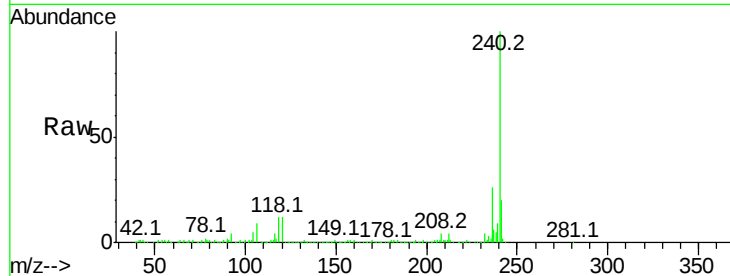
Tot Ion:240 Resp: 503966

Ion Ratio Lower Upper

240 100

120 12.3 5.4 8.2#

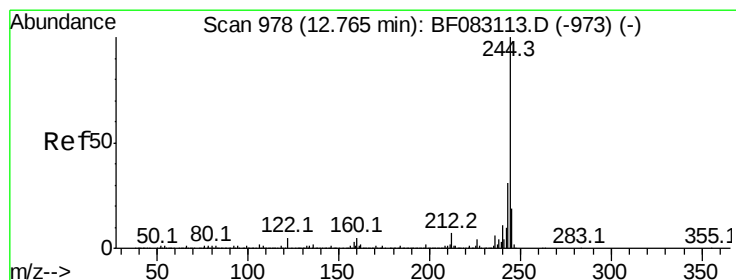
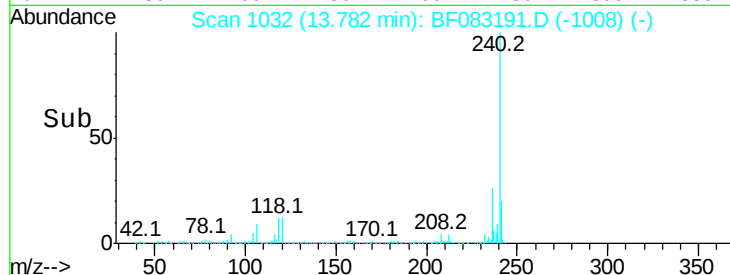
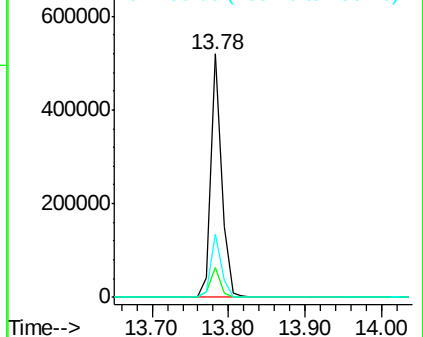
236 25.7 20.6 31.0



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: 93.50 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

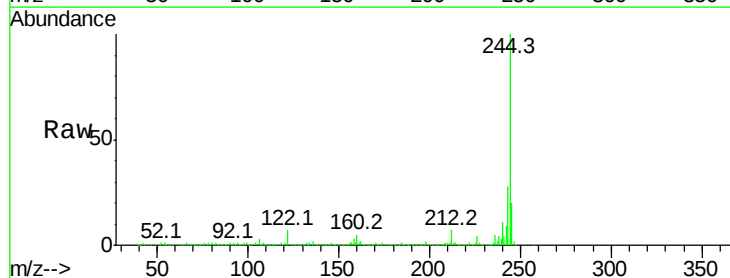
Tgt Ion:244 Resp: 2000993

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

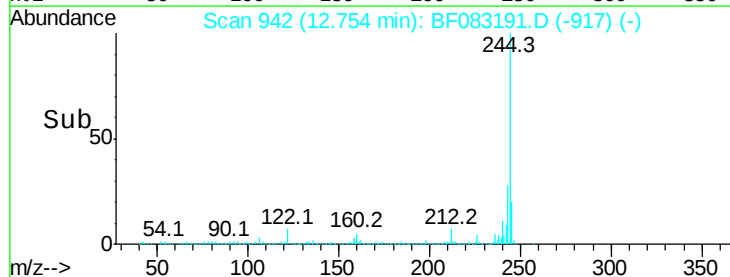
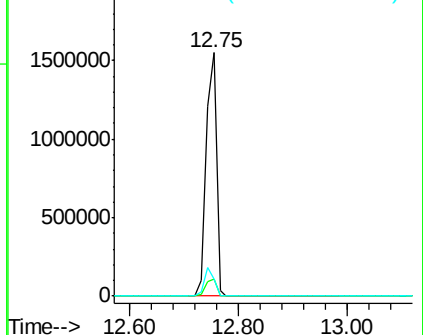
122 7.1 4.3 6.5#

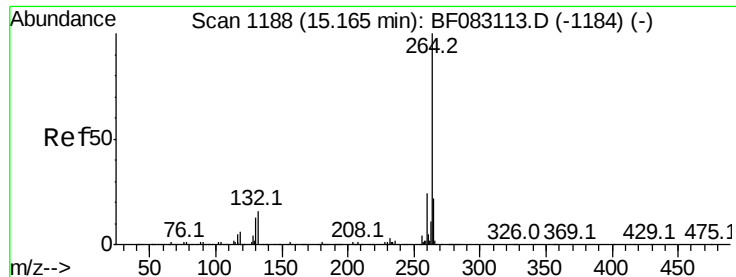


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083191.D
Acq: 23 Nov 2015 6:58

Instrument :
BNA_F
ClientSampleId :
MW-37

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	18.2	27.4

