

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079916.D
 Acq On : 12 Jun 2015 2:55
 Operator : TP/IZ
 Sample : G2576-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHB1W

Manual Integrations
 APPROVED

apatel
 6/13/2015 8:44:45 AM

Quant Time: Jun 12 13:08:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	53590	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	222331	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	130930	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	297426	20.00	ng	-0.01
75) Chrysene-d12	14.88	240	336021	20.00	ng	-0.11
86) Perylene-d12	16.77	264	323789	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	129244	40.41	ng	0.00
7) Phenol-d6	6.99	99	119842	28.64	ng	0.00
23) Nitrobenzene-d5	7.95	82	238057	63.69	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	122700	105.00	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	581122	62.55	ng	0.00
78) Terphenyl-d14	13.63	244	810204	54.79	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	8.71	128	1298136m	109.18	ng	
37) 2-Methylnaphthalene	9.40	142	1850813	220.01	ng	96
45) 1,1'-Biphenyl	9.86	154	23392	2.17	ng	97

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

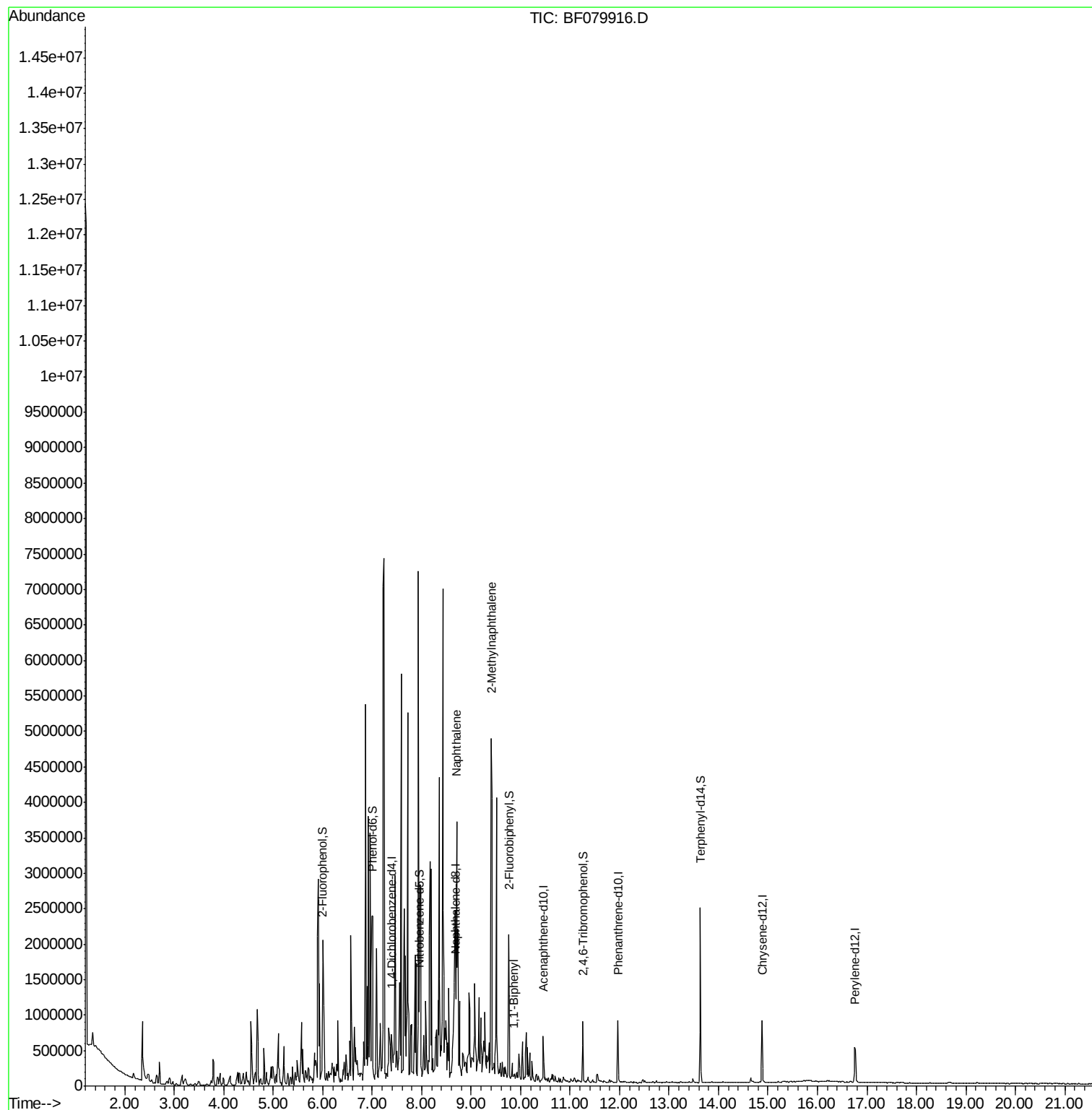
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079916.D
Acq On : 12 Jun 2015 2:55
Operator : TP/IZ
Sample : G2576-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

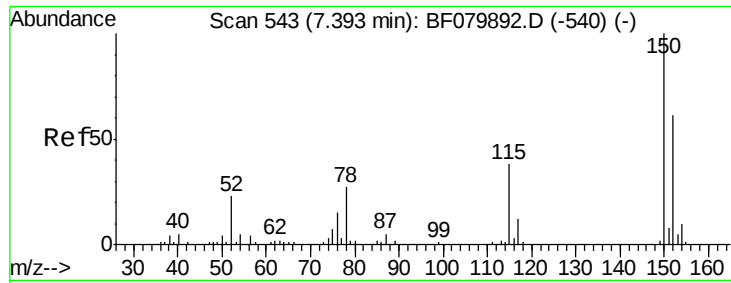
Instrument :
BNA_F
ClientSampleId :
SHB1W

Manual Integrations
APPROVED

apatel
6/13/2015 8:44:45 AM

Quant Time: Jun 12 13:08:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration





#1

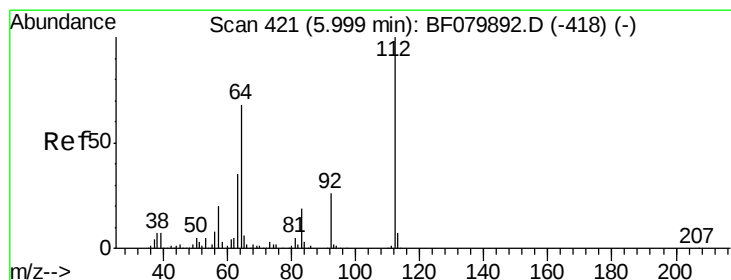
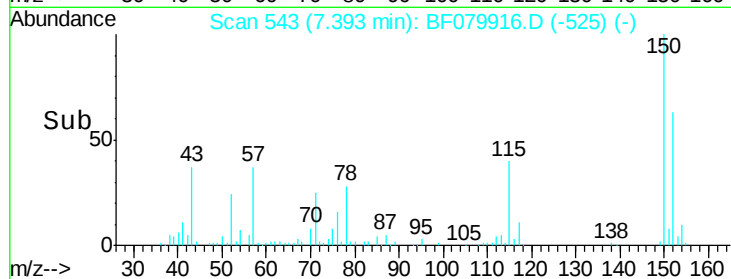
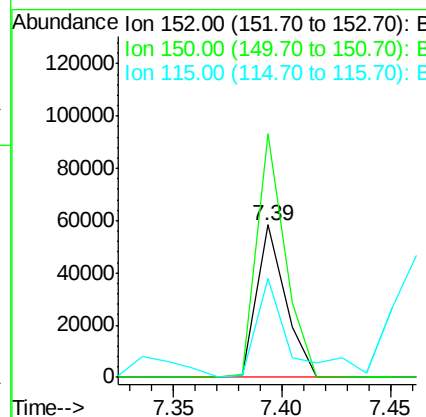
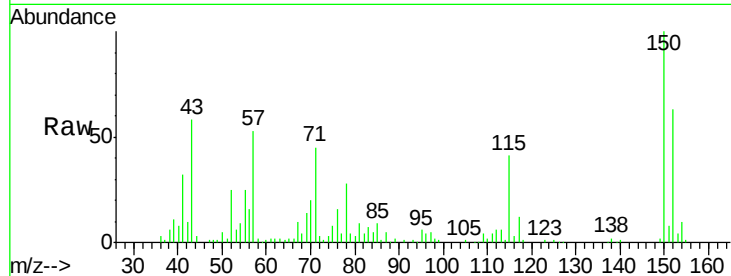
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079916.D
Acq: 12 Jun 2015 2:55

Instrument :
BNA_F
ClientSampleId :
SHB1W

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	131.0	196.4
115	64.9	49.8	74.6

Manual Integrations
APPROVED

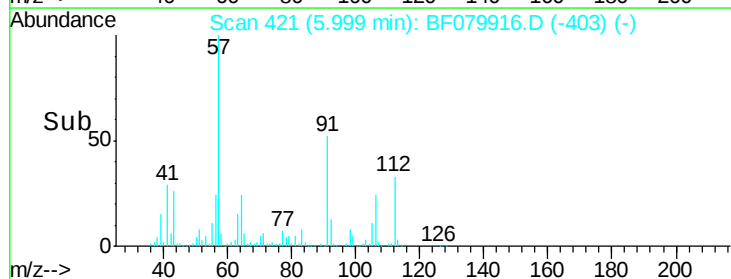
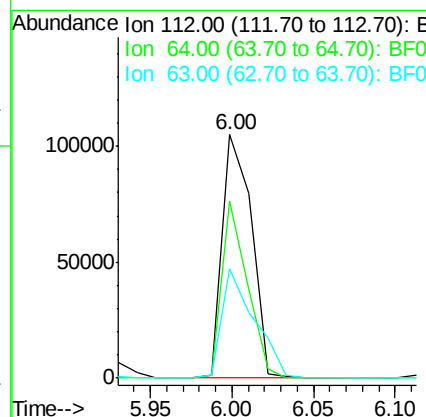
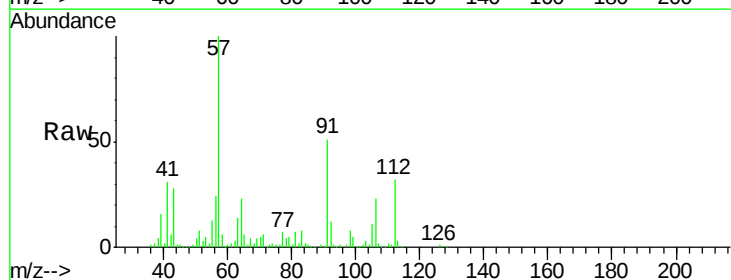
apatel
6/13/2015 8:44:45 AM

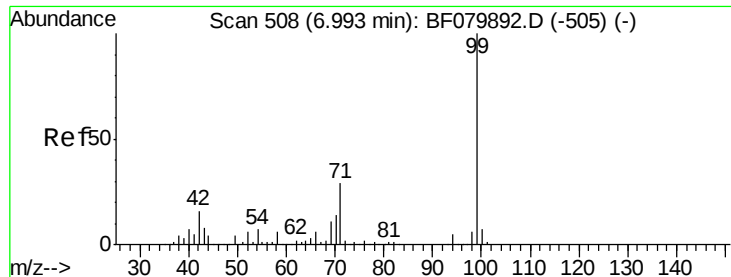


#5

2-Fluorophenol
Concen: 40.41 ng
RT: 6.00 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF079916.D
Acq: 12 Jun 2015 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	54.5	81.7
63	45.1	27.9	41.9#





#7

Phenol-d6

Concen: 28.64 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079916.D

Acq: 12 Jun 2015 2:55

Instrument :

BNA_F

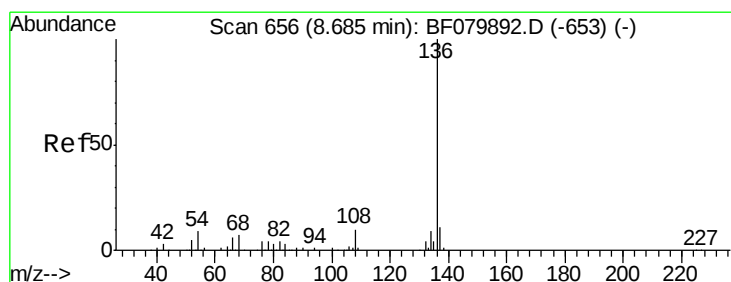
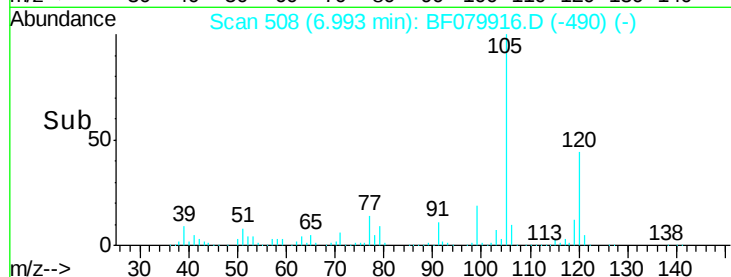
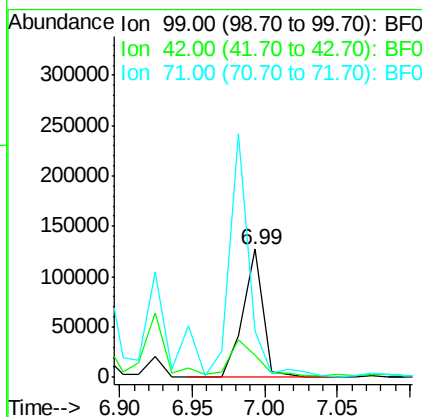
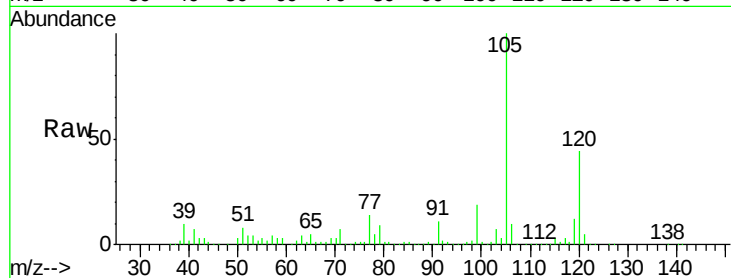
ClientSampleId :

SHB1W

Tot Ion:	99	Resp:	119842
Ion Ratio	Lower	Upper	
99	100		
42	17.0	12.9	19.3
71	35.9	23.4	35.2#

Manual Integrations
APPROVED

apatel
6/13/2015 8:44:45 AM



#21

Naphthalene-d8

Concen: 20.00 ng

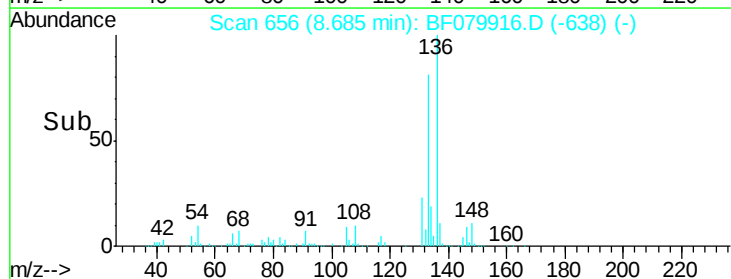
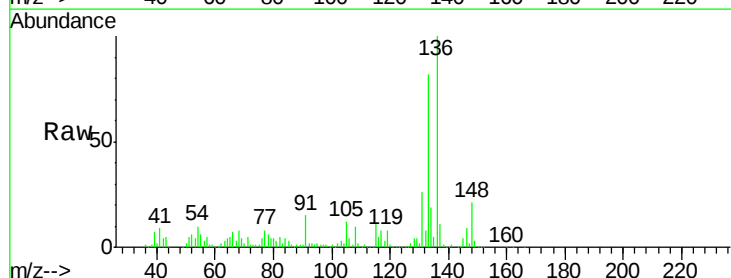
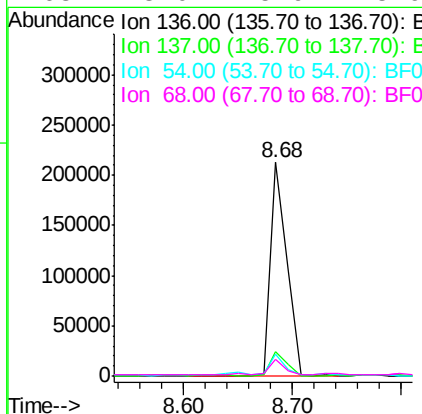
RT: 8.68 min Scan# 656

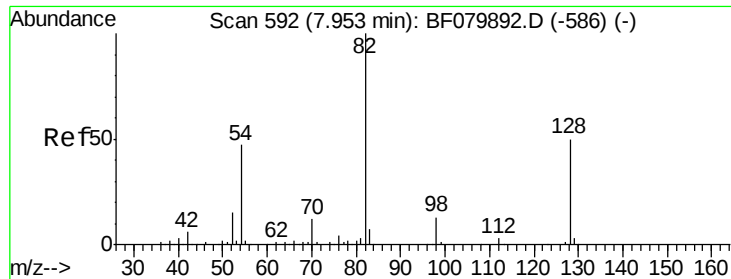
Delta R.T. 0.00 min

Lab File: BF079916.D

Acq: 12 Jun 2015 2:55

Tgt Ion:	136	Resp:	222331
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	10.4	7.3	10.9
68	8.0	5.9	8.9





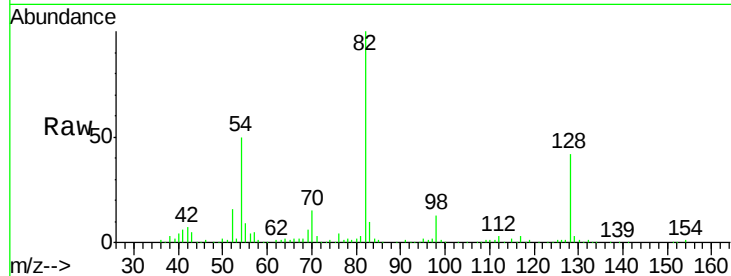
#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.95 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF079916.D
Acq: 12 Jun 2015 2:55

Instrument :
BNA_F
ClientSampleId :
SHB1W

Tot Ion	Ratio	Resp	Lower	Upper
82	100	238057		
128	42.5		40.3	60.5
54	50.3		38.0	57.0

Manual Integrations
APPROVED

apatel
6/13/2015 8:44:45 AM

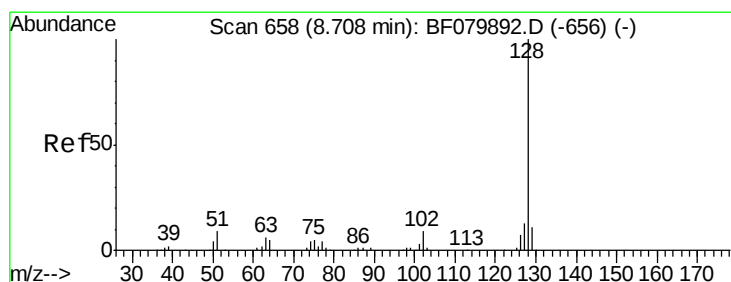
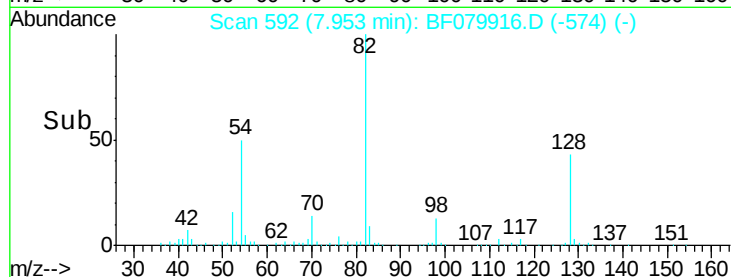
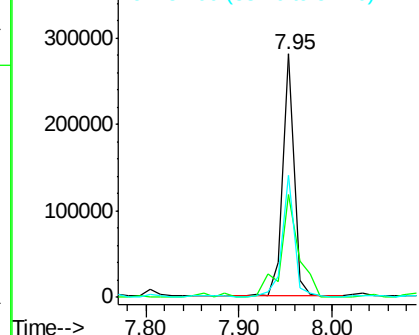


Abundance

Ion 82.00 (81.70 to 82.70): BF079892.D (-586) (-)

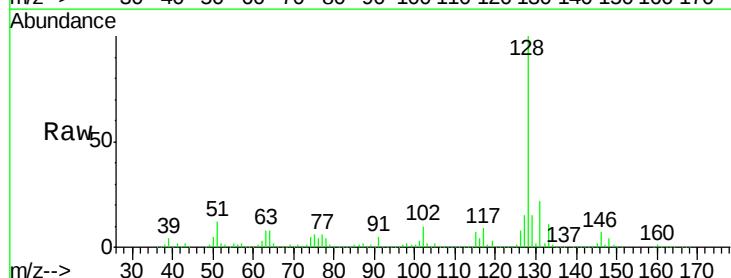
Ion 128.00 (127.70 to 128.70): BF079892.D (-586) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-586) (-)



#31
Naphthalene
Concen: 109.18 ng m
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079916.D
Acq: 12 Jun 2015 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1298136		
129	14.5		8.8	13.2#
127	14.6		10.5	15.7

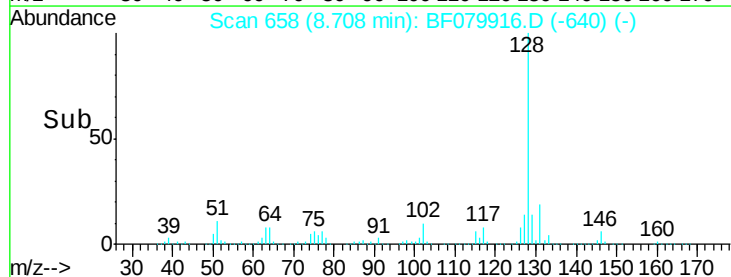
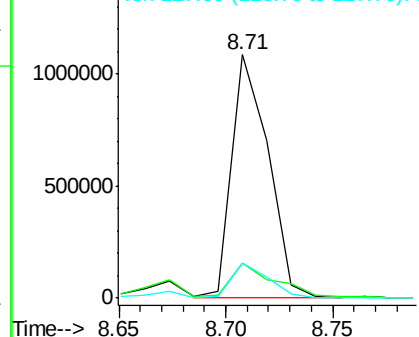


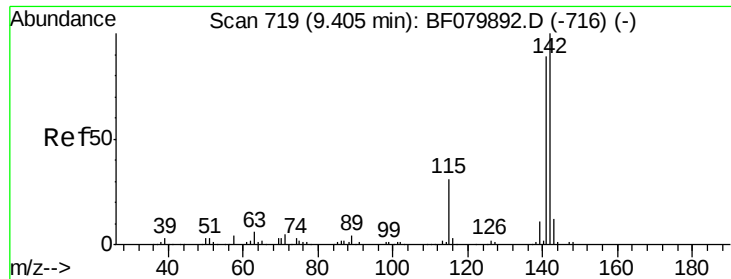
Abundance

Ion 128.00 (127.70 to 128.70): BF079892.D (-656) (-)

Ion 129.00 (128.70 to 129.70): BF079892.D (-656) (-)

Ion 127.00 (126.70 to 127.70): BF079892.D (-656) (-)





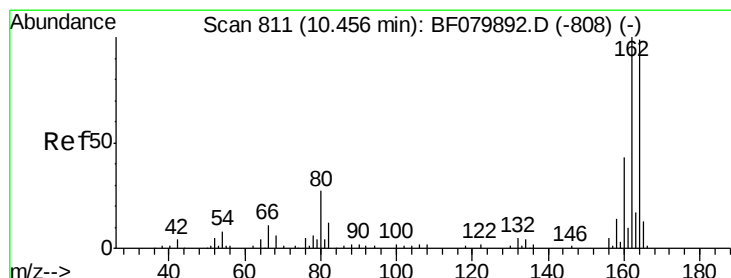
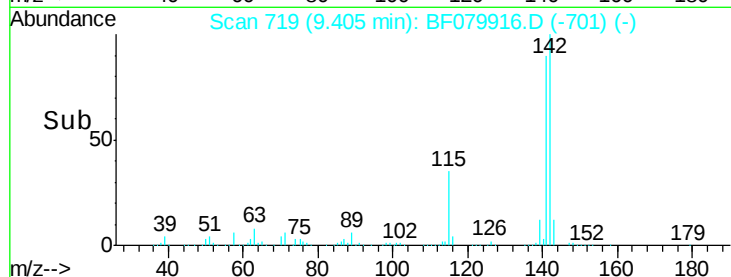
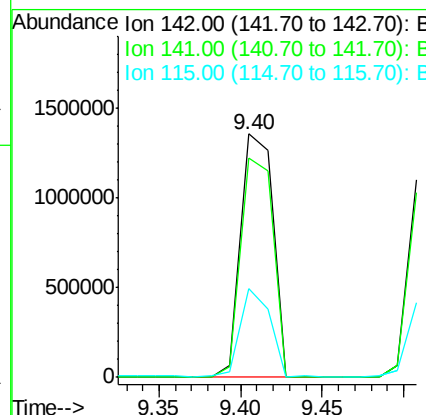
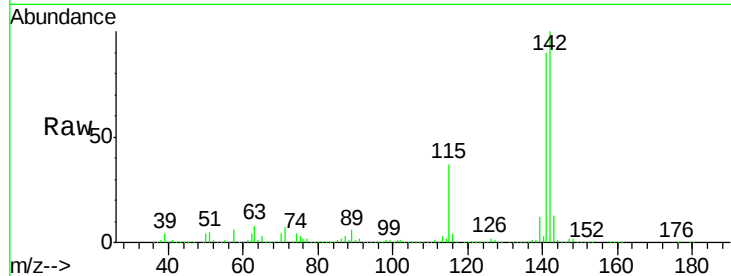
#37
 2-Methylnaphthalene
 Concen: 220.01 ng
 RT: 9.40 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF079916.D
 Acq: 12 Jun 2015 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SHB1W

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	90.1	70.9	106.3	
115	36.6	25.0	37.4	

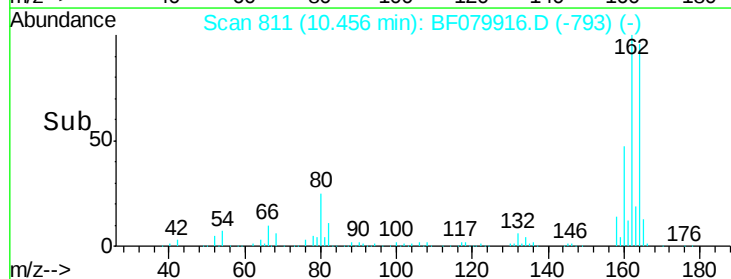
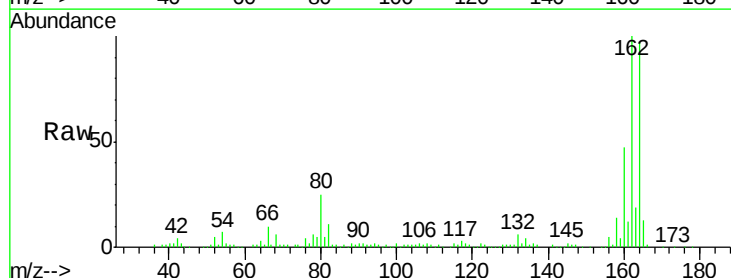
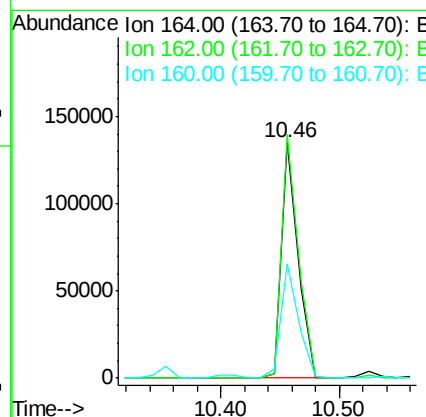
Manual Integrations
 APPROVED

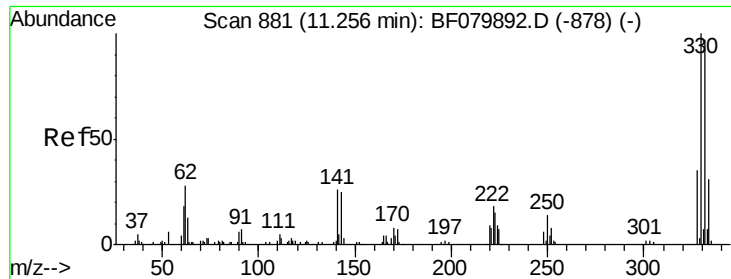
apatel
 6/13/2015 8:44:45 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF079916.D
 Acq: 12 Jun 2015 2:55

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	103.5	80.7	121.1	
160	48.3	34.6	51.8	





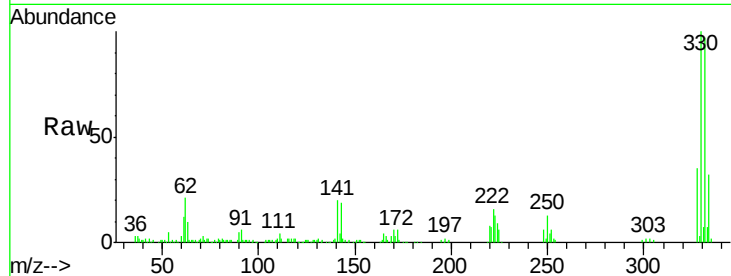
#41
 2,4,6-Tribromophenol
 Concen: 105.00 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079916.D
 Acq: 12 Jun 2015 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SHB1W

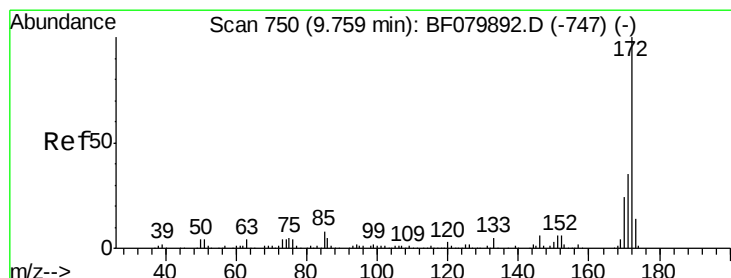
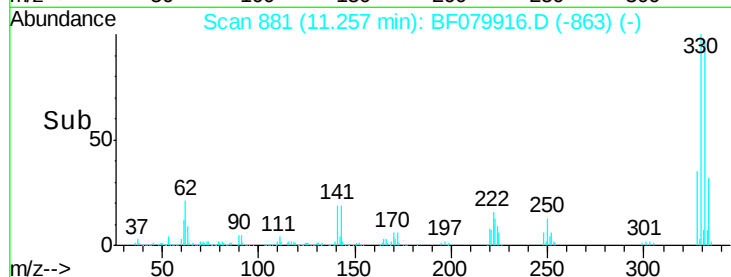
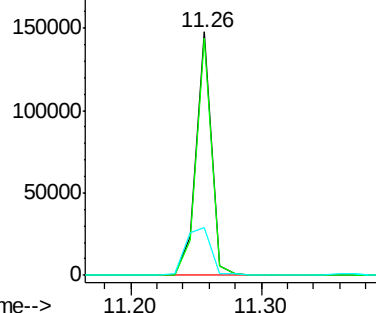
Tot Ion	Ratio	Resp	Lower	Upper
330	100	122700		
332	96.2	77.3	115.9	
141	31.8	26.8	40.2	

Manual Integrations
 APPROVED

apatel
 6/13/2015 8:44:45 AM

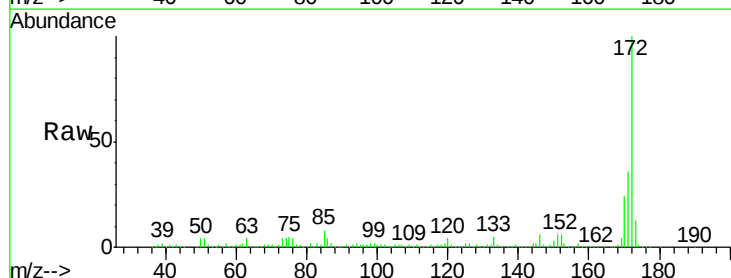


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

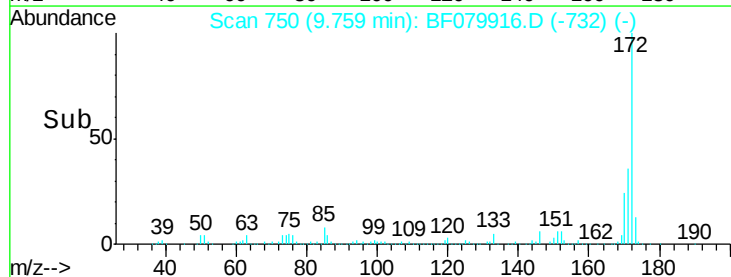
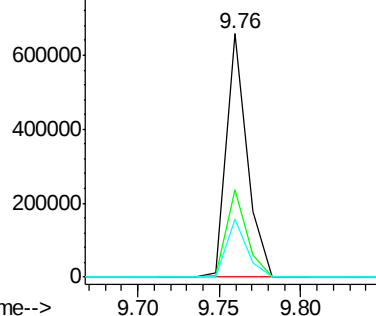


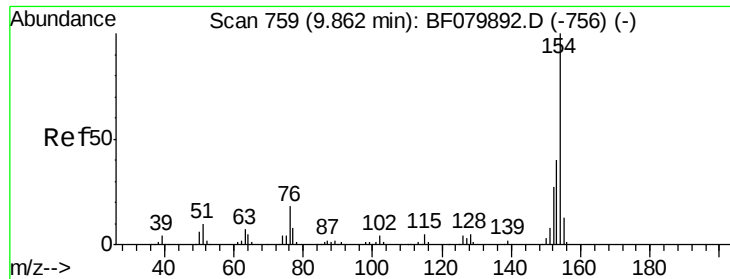
#44
 2-Fluorobiphenyl
 Concen: 62.55 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079916.D
 Acq: 12 Jun 2015 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	581122		
171	36.1	28.3	42.5	
170	24.0	19.0	28.4	



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





#45

1,1'-Biphenyl

Concen: 2.17 ng

RT: 9.86 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF079916.D

Acq: 12 Jun 2015 2:55

Instrument :

BNA_F

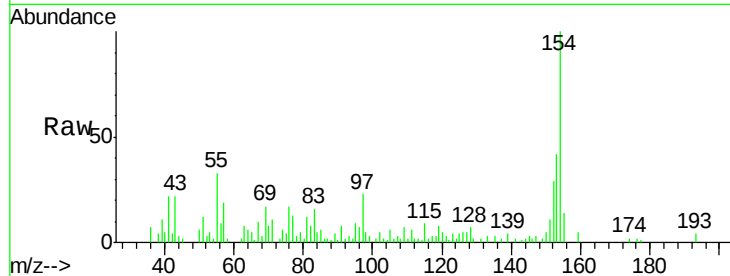
ClientSampleId :

SHB1W

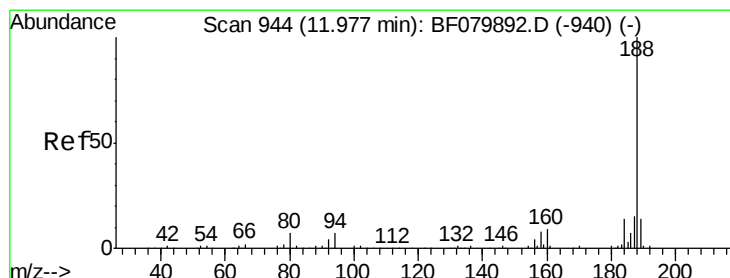
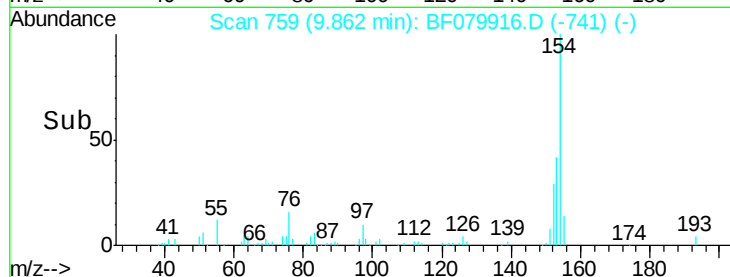
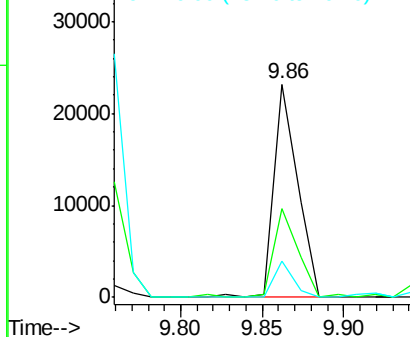
Tot Ion:	154	Resp:	23392
Ion Ratio	Lower	Upper	
154	100		
153	41.9	20.1	60.1
76	17.0	0.0	38.4

Manual Integrations
APPROVED

apatel
6/13/2015 8:44:45 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

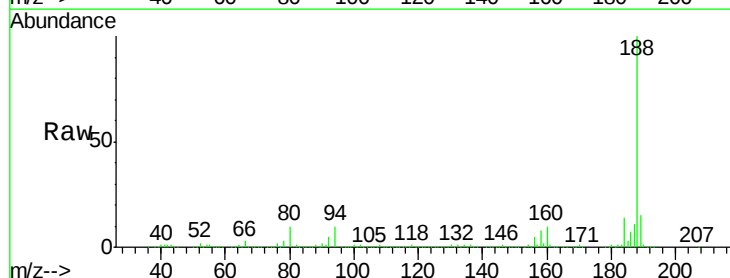
RT: 11.97 min Scan# 943

Delta R.T. -0.01 min

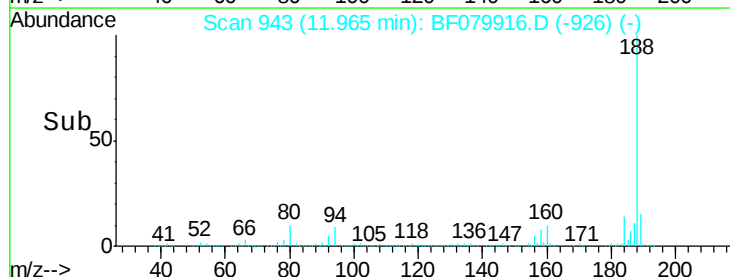
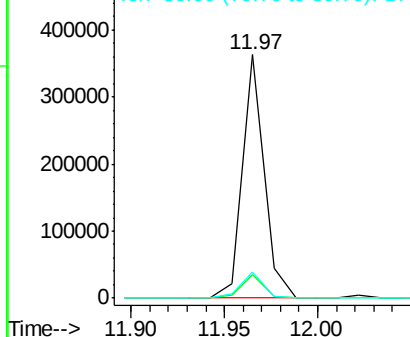
Lab File: BF079916.D

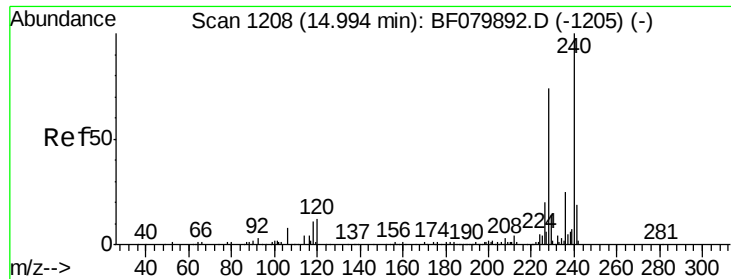
Acq: 12 Jun 2015 2:55

Tgt Ion:	188	Resp:	297426
Ion Ratio	Lower	Upper	
188	100		
94	9.6	5.8	8.8#
80	10.4	5.9	8.9#



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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1198

Delta R.T. -0.11 min

Lab File: BF079916.D

Acq: 12 Jun 2015 2:55

Instrument :

BNA_F

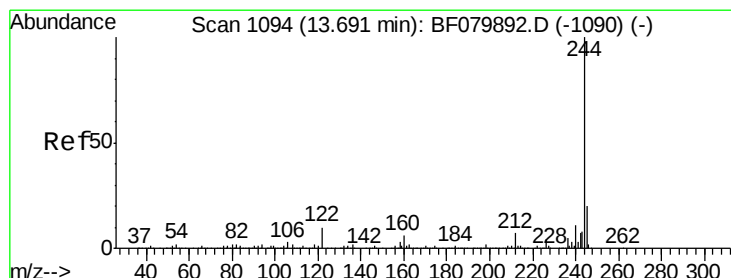
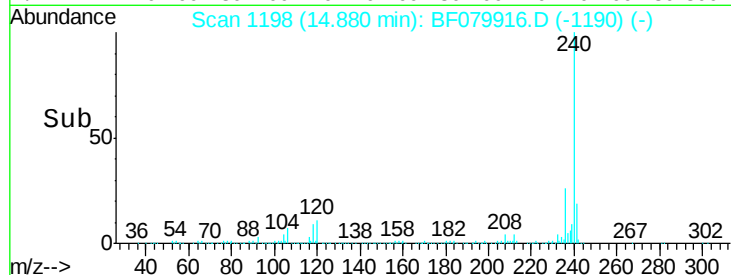
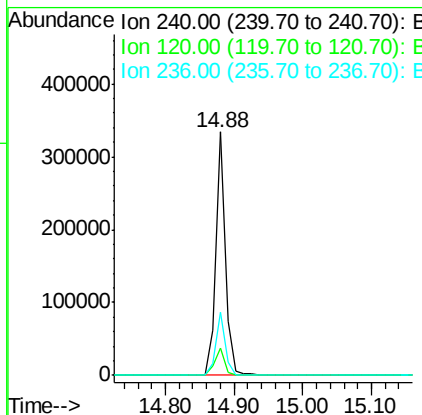
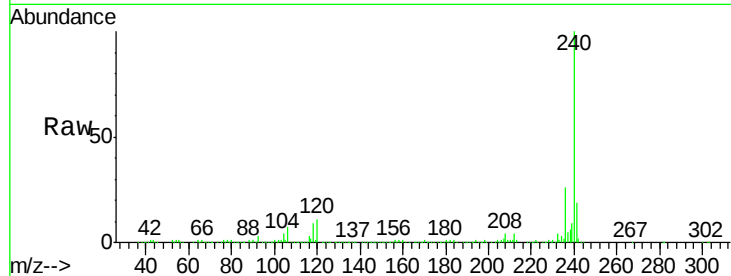
ClientSampleId :

SHB1W

Tot Ion:	240	Resp:	336021
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.4	14.2
236	26.0	19.6	29.4

Manual Integrations
APPROVED

apatel
6/13/2015 8:44:45 AM



#78

Terphenyl-d14

Concen: 54.79 ng

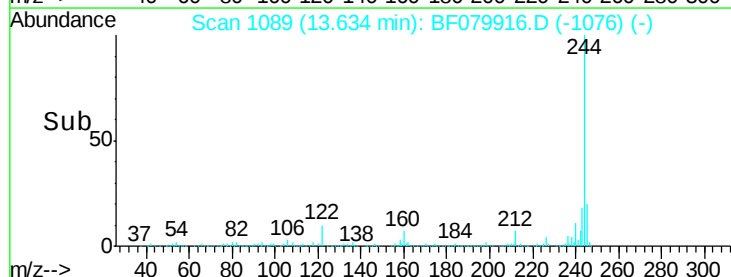
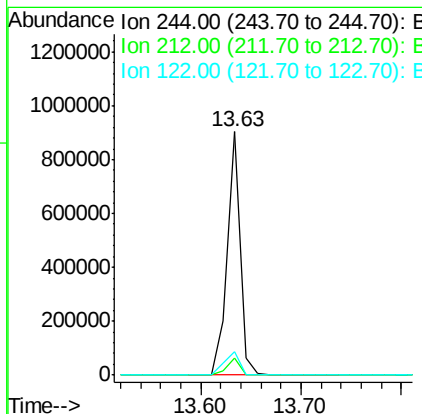
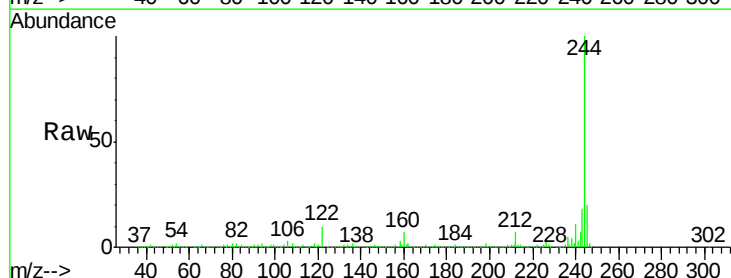
RT: 13.63 min Scan# 1089

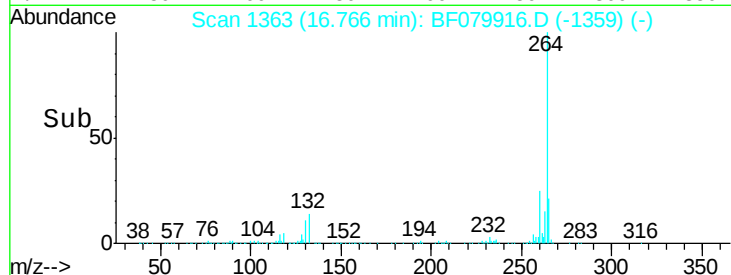
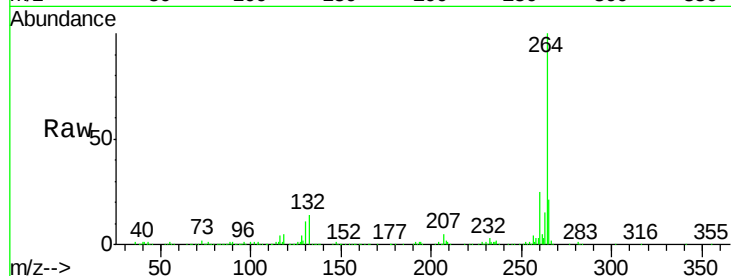
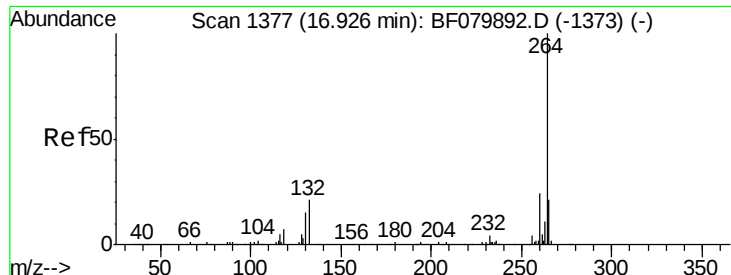
Delta R.T. -0.06 min

Lab File: BF079916.D

Acq: 12 Jun 2015 2:55

Tgt Ion:	244	Resp:	810204
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.2
122	9.7	7.8	11.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1363
 Delta R.T. -0.16 min
 Lab File: BF079916.D
 Acq: 12 Jun 2015 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SHB1W

Tot Ion:	264	Resp:	323789
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	20.8	17.0	25.6

Manual Integrations
 APPROVED

apatel
 6/13/2015 8:44:45 AM

