

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087777.D
 Acq On : 7 Jun 2016 5:58
 Operator : UM/SJ
 Sample : H3345-03DL 500X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Manual Integrations
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Quant Time: Jun 07 07:07:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	87010	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	348004	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	135477	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	219458	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	180515	20.00	ng	-0.02
86) Perylene-d12	15.42	264	132323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1205	0.22	ng	-0.01
7) Phenol-d6	6.47	99	1058	0.16	ng	-0.02
23) Nitrobenzene-d5	7.40	82	2458	0.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	535	0.39	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	6918	0.90	ng	-0.02
78) Terphenyl-d14	12.95	244	4272	0.58	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	1091479	64.51	ng	Qvalue 99
37) 2-Methylnaphthalene	8.84	142	50659m	4.53	ng	

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

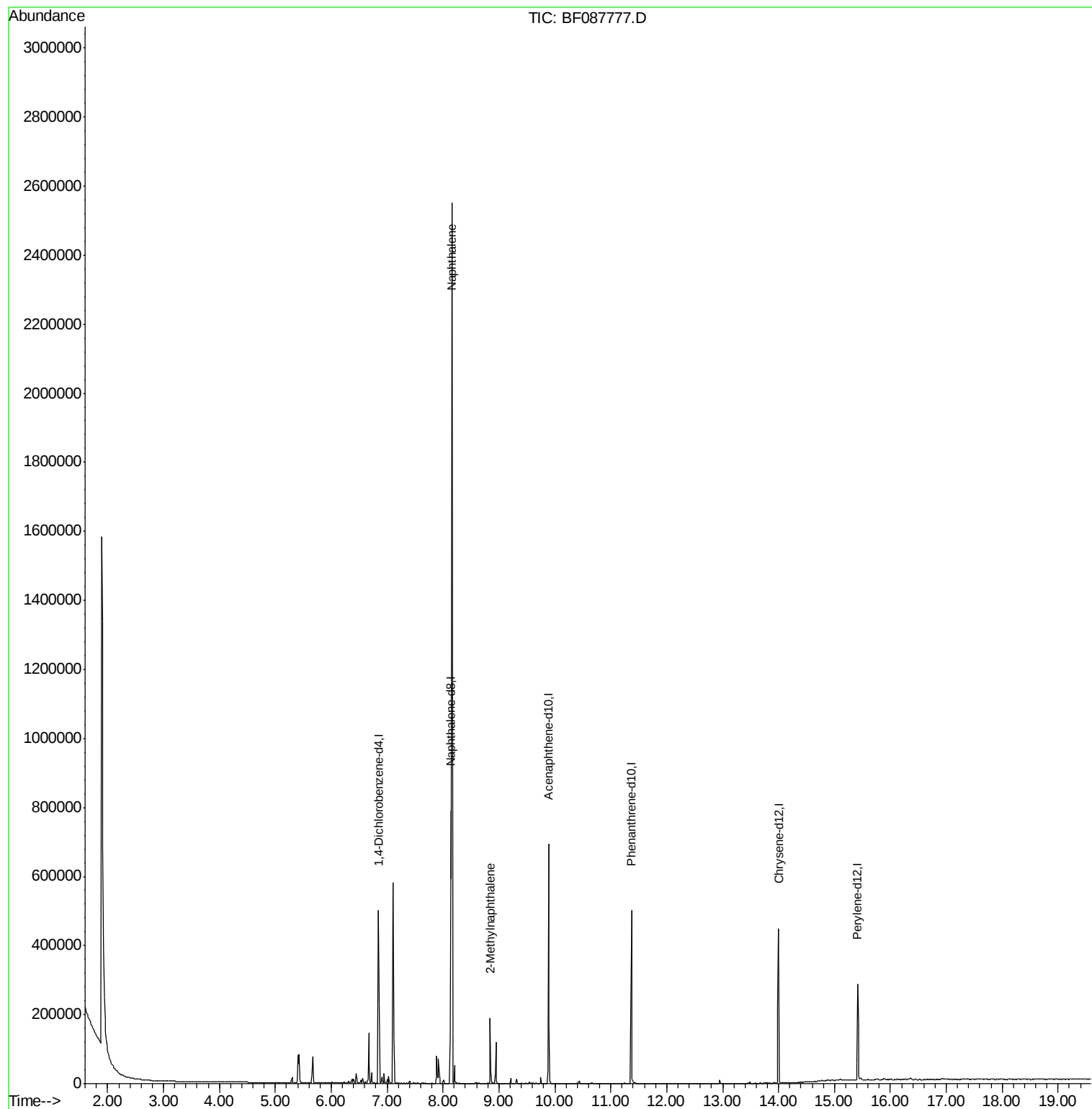
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087777.D
Acq On : 7 Jun 2016 5:58
Operator : UM/SJ
Sample : H3345-03DL 500X
Misc :
ALS Vial : 32 Sample Multiplier: 1

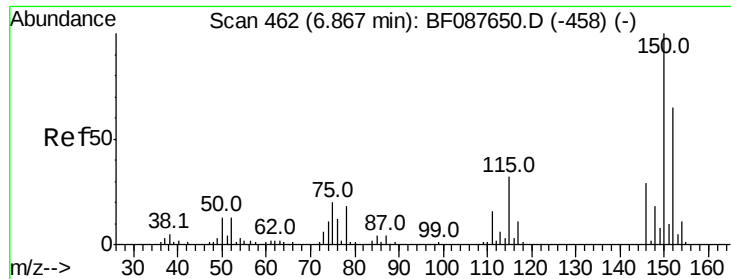
Instrument :
BNA_F
ClientSampleId :
MW-11CDL

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Quant Time: Jun 07 07:07:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087777.D

Acq: 7 Jun 2016 5:58

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

Tot Ion:152 Resp: 87010

Ion Ratio Lower Upper

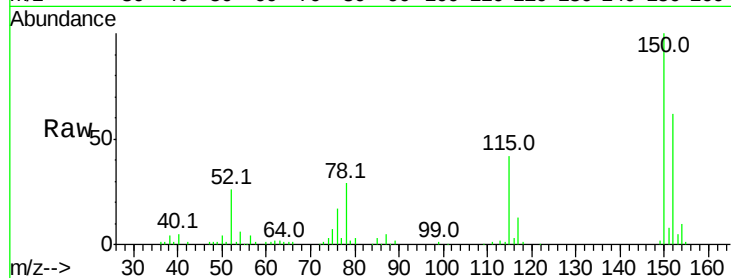
152 100

150 162.3 123.8 185.6

115 68.8 39.6 59.4#

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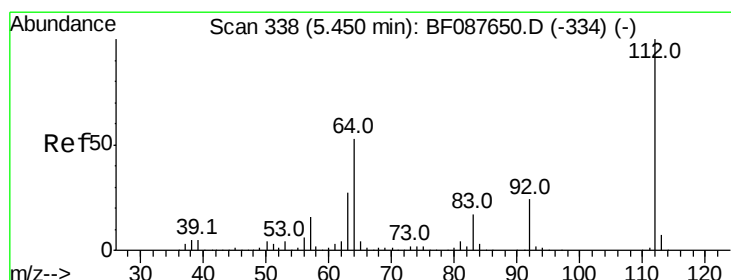
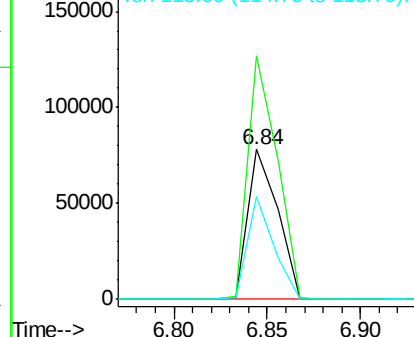
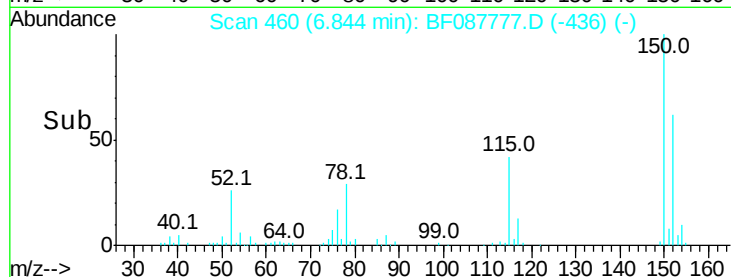
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 0.22 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087777.D

Acq: 7 Jun 2016 5:58

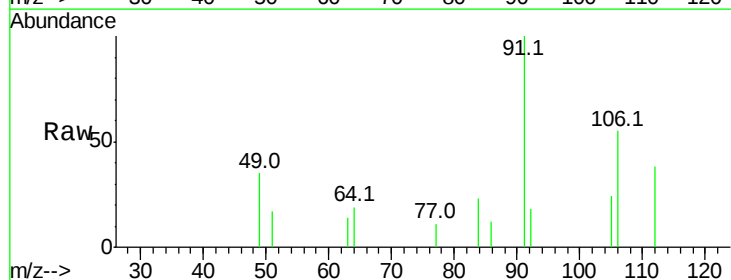
Tgt Ion:112 Resp: 1205

Ion Ratio Lower Upper

112 100

64 50.1 42.2 63.2

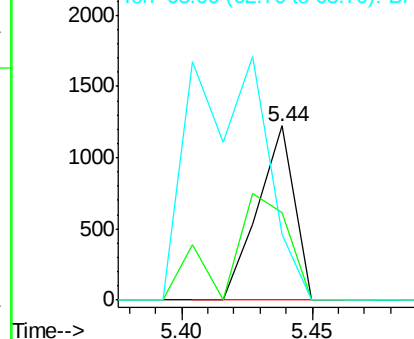
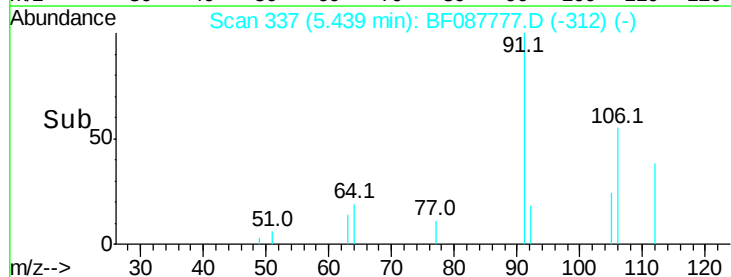
63 37.6 21.8 32.8#

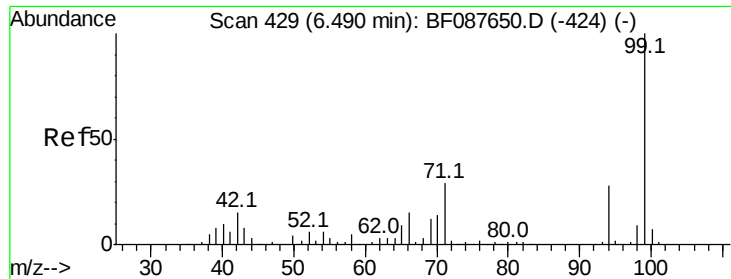


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.16 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087777.D

Acq: 7 Jun 2016 5:58

Instrument :

BNA_F

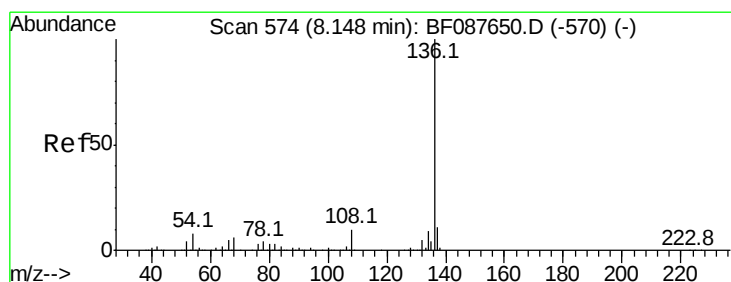
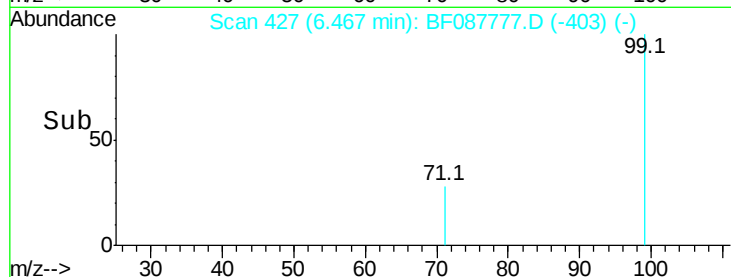
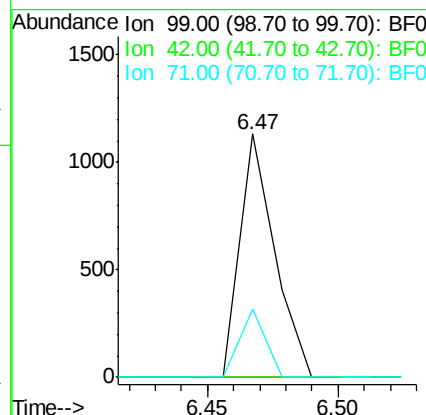
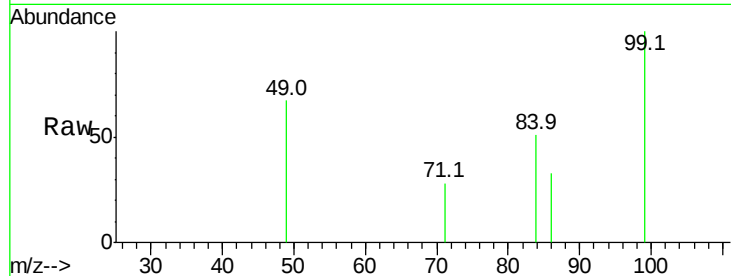
ClientSampleId :

MW-11CDL

Tot Ion:	99	Resp:	1058
Ion Ratio	Lower	Upper	
99	100		
42	0.0	12.2	18.2#
71	27.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

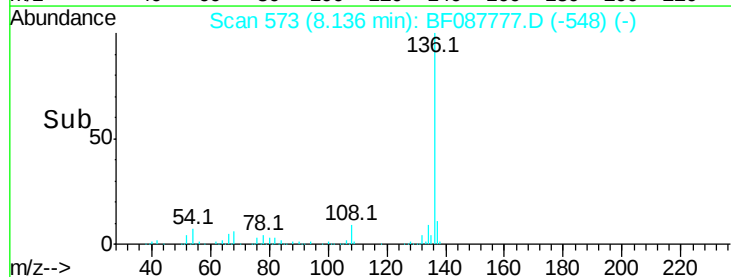
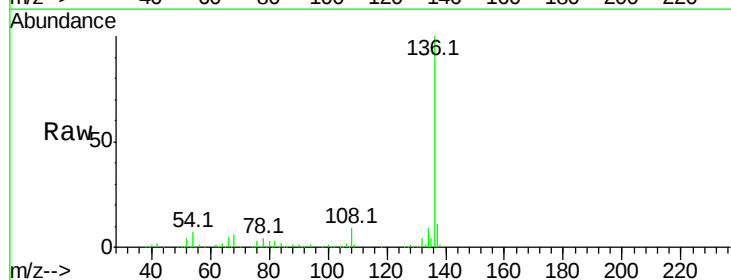
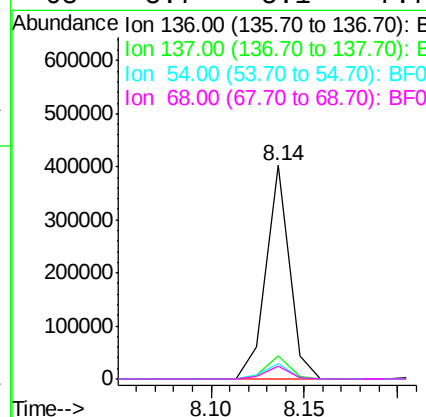
RT: 8.14 min Scan# 573

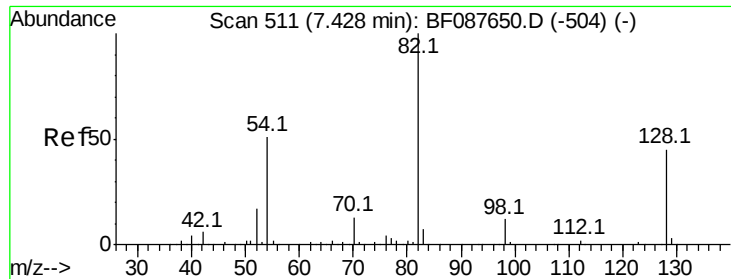
Delta R.T. -0.01 min

Lab File: BF087777.D

Acq: 7 Jun 2016 5:58

Tgt Ion:	136	Resp:	348004
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	7.2	6.6	10.0
68	5.7	5.1	7.7





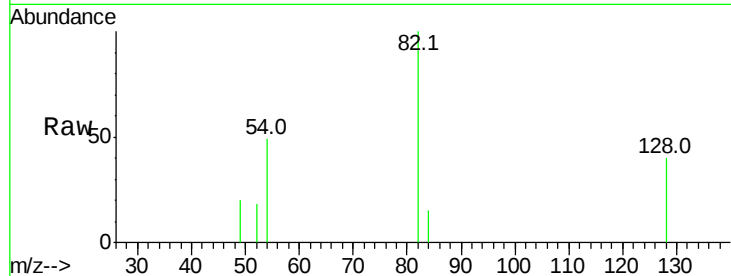
#23
Nitrobenzene-d5
Concen: 0.41 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

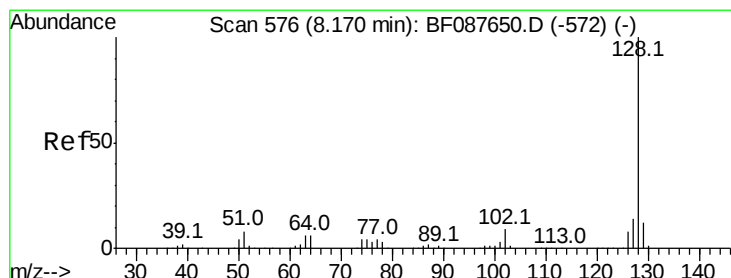
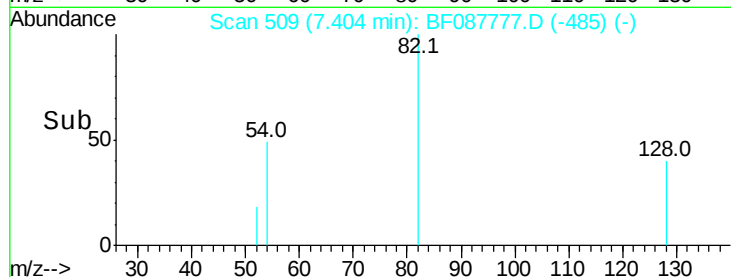
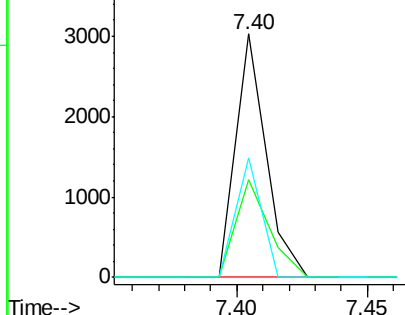
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.9	53.9
54	49.1	40.9	61.3

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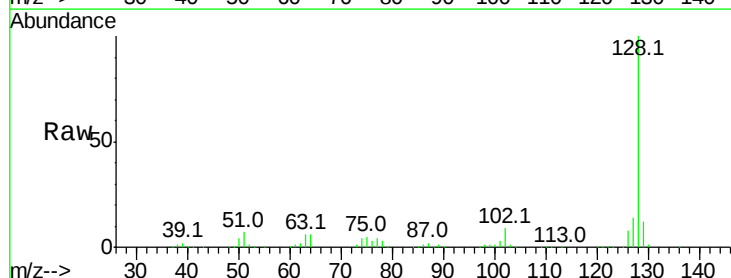


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

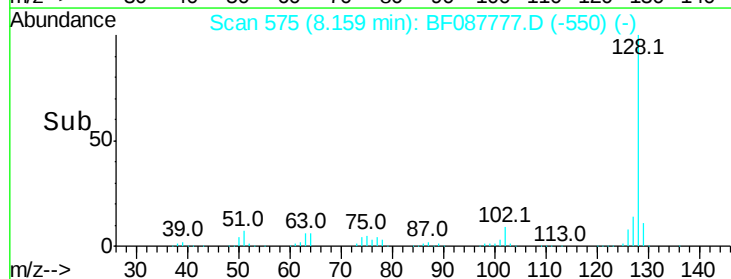
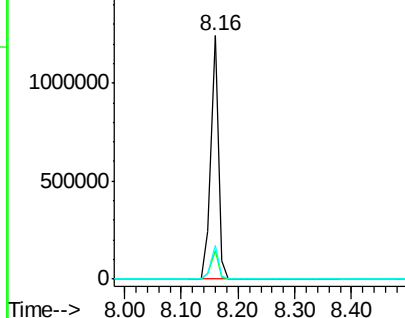


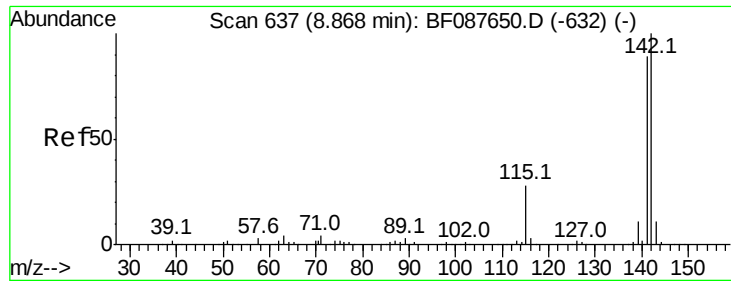
#31
Naphthalene
Concen: 64.51 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.9	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





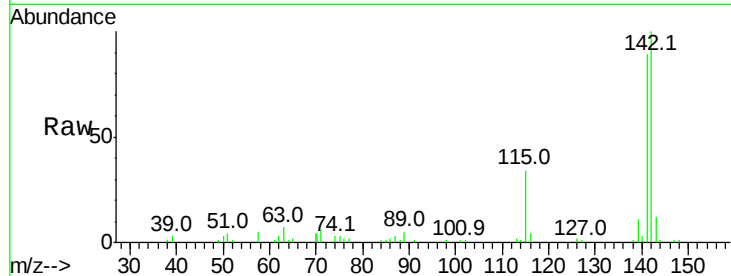
#37
 2-Methylnaphthalene
 Concen: 4.53 ng m
 RT: 8.84 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Instrument :
 BNA_F
 ClientSampleId :
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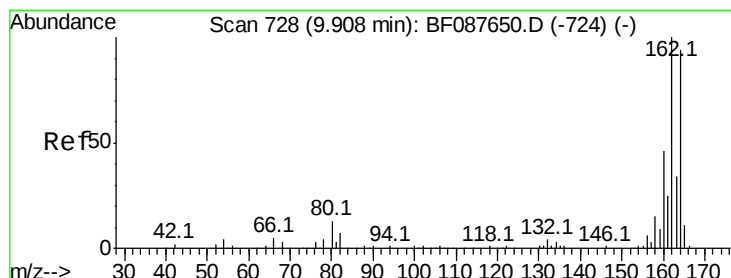
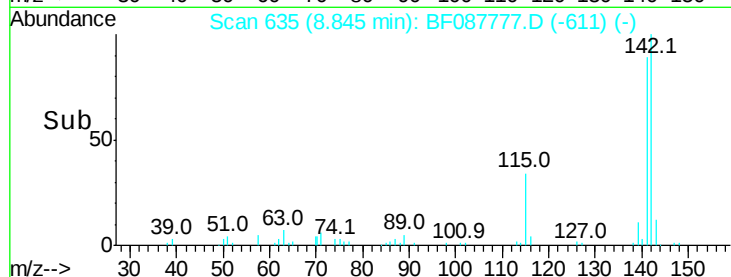
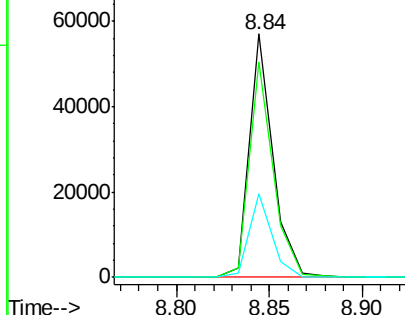
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.4	22.6	33.8#

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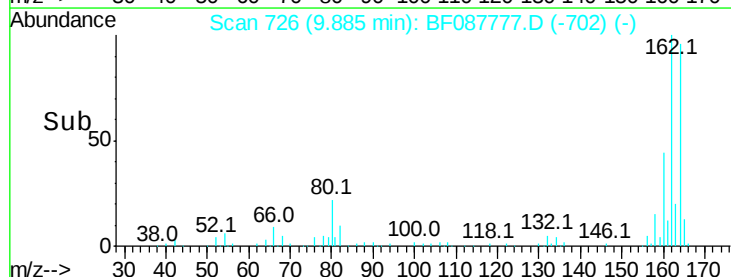
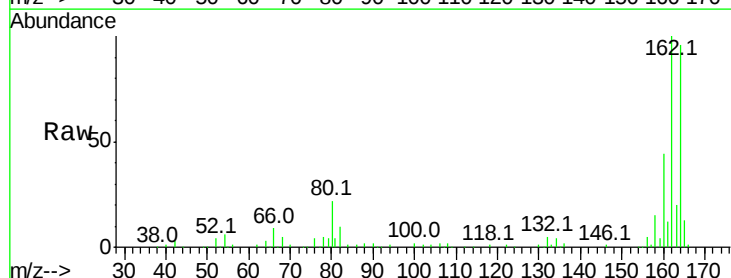
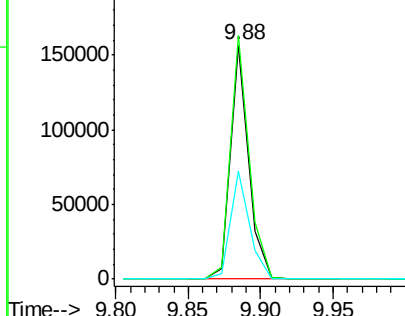
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

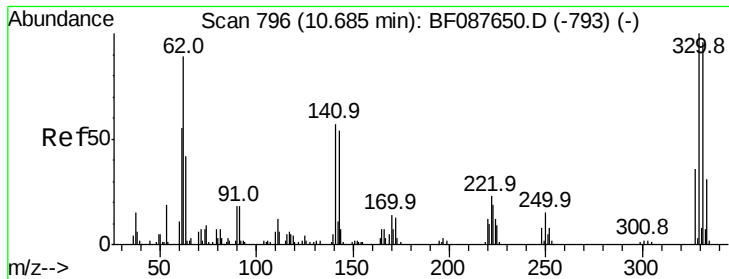


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.3	39.5	59.3

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





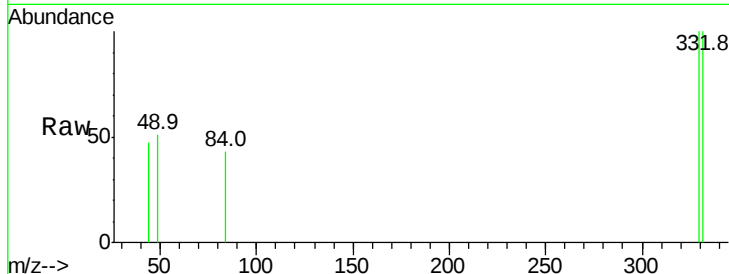
#41
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Instrument :
 BNA_F
 ClientSampleID :
 MW-11CDL

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.8	0.0	0.0#
141	0.0	0.0	0.0

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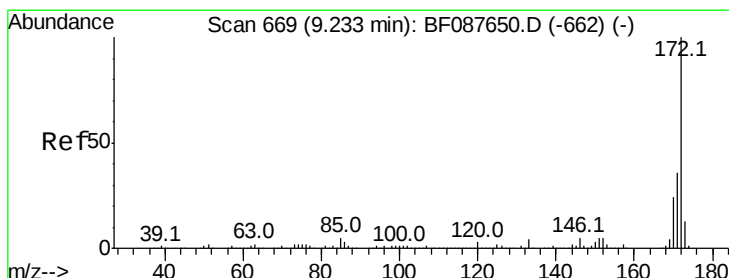
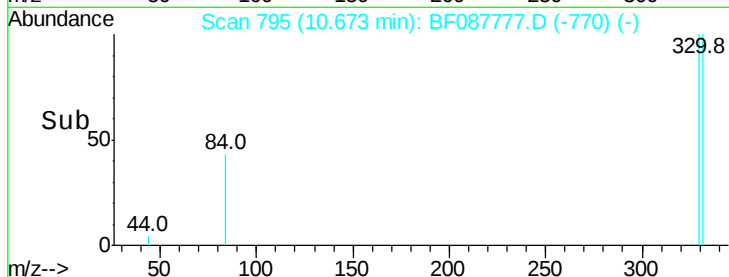
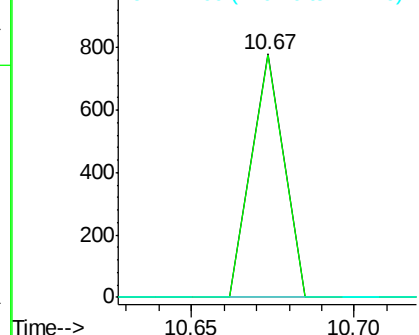


Abundance

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: 0.90 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

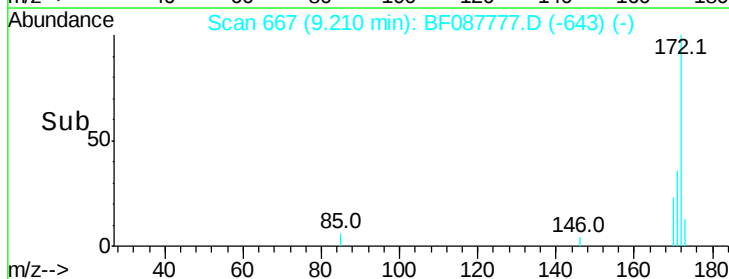
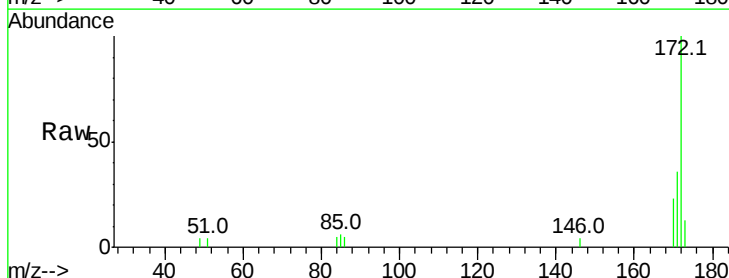
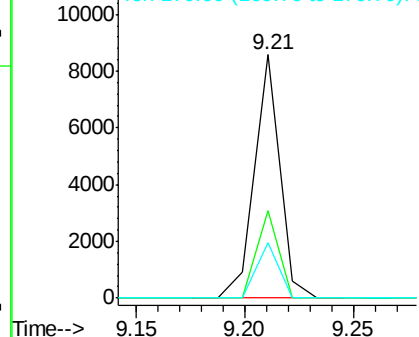
Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.9	28.6	43.0
170	22.7	19.2	28.8

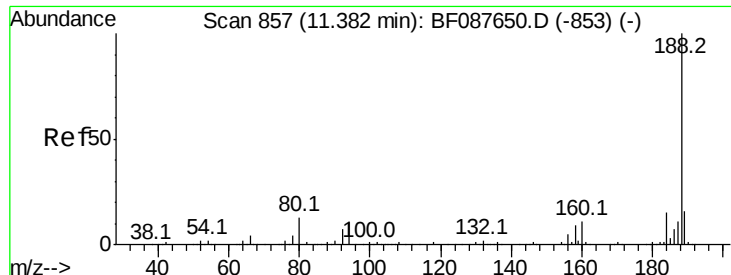
Abundance

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





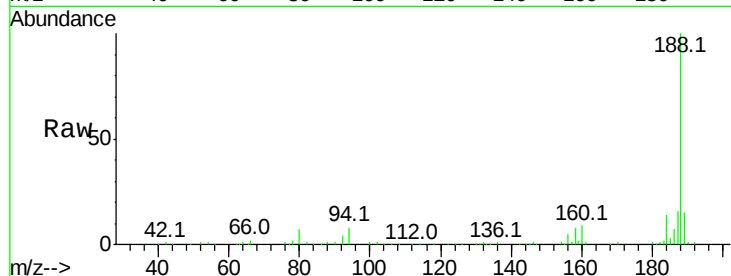
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

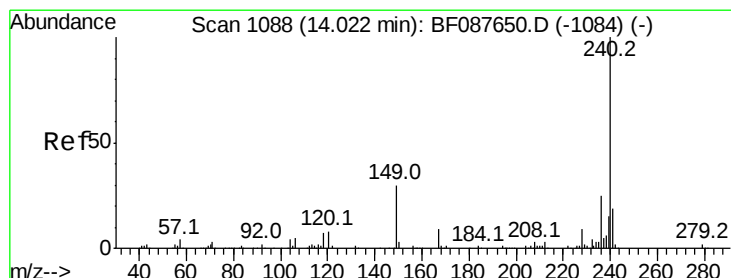
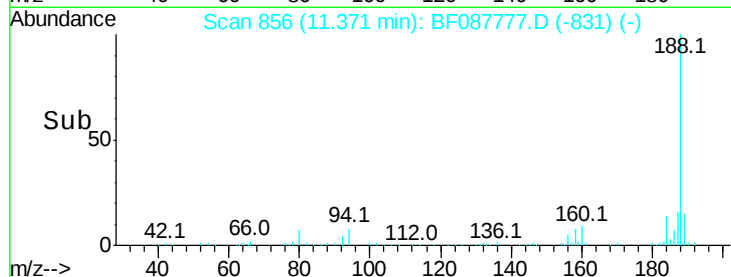
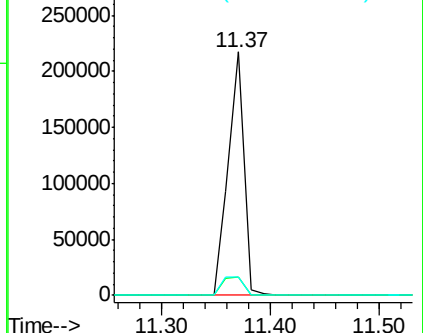
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.3	10.0	15.0#

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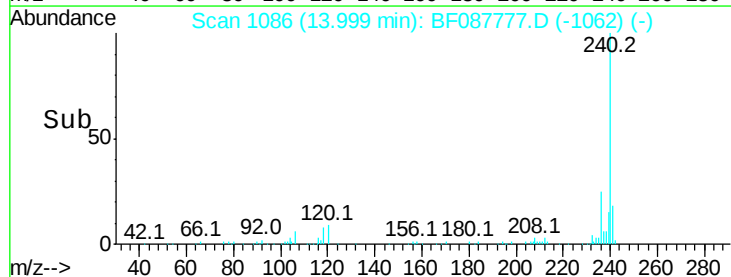
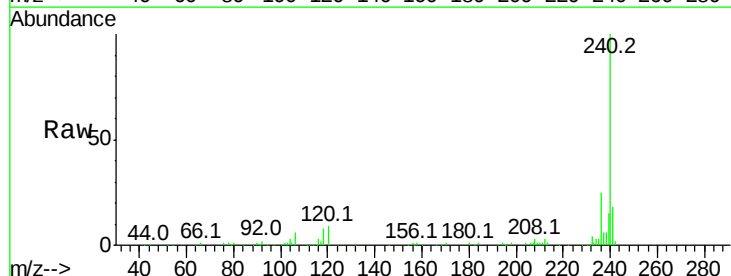
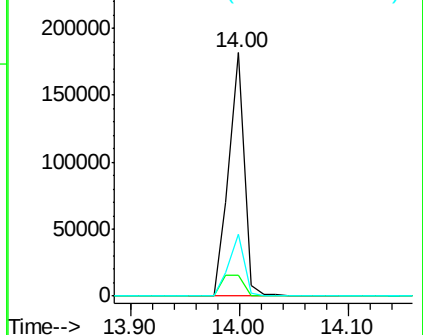
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

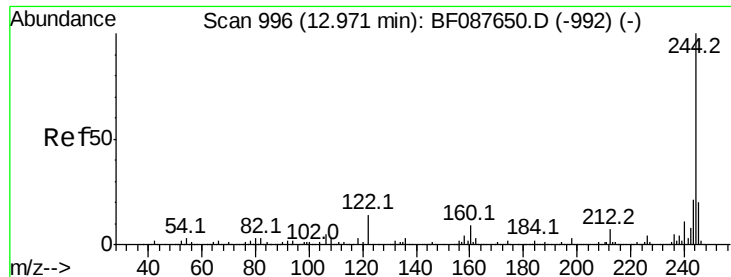


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	6.8	10.2
236	25.1	20.2	30.2

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: 0.58 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087777.D

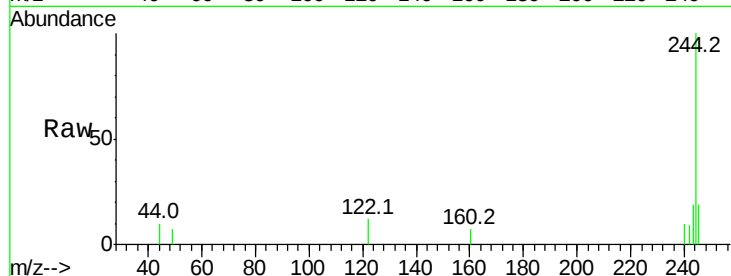
Acq: 7 Jun 2016 5:58

Instrument :

BNA_F

ClientSampleId :

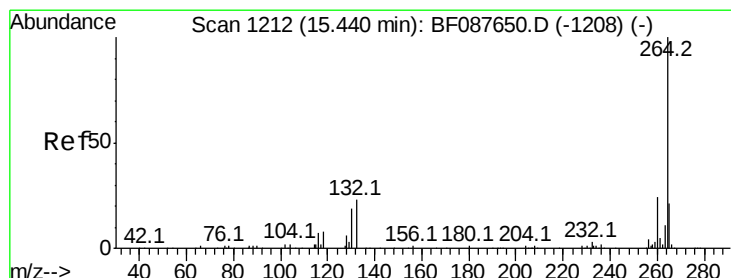
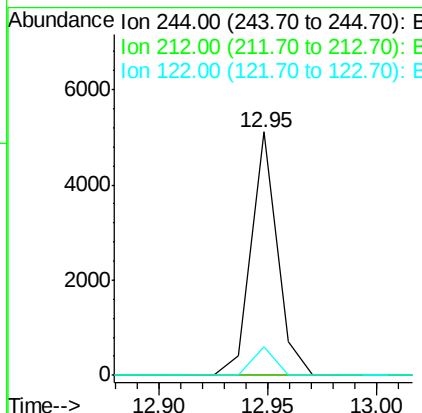
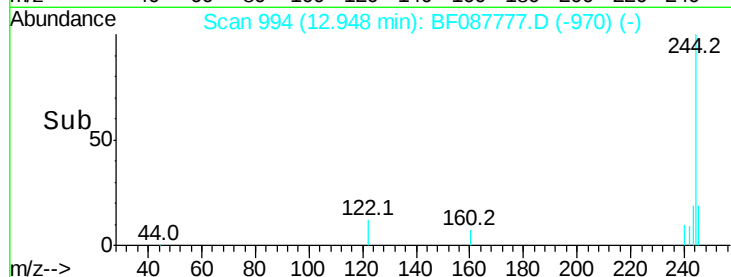
MW-11CDL



Tot Ion:	244	Resp:	4272
Ion Ratio	Lower	Upper	
244	100		
212	0.0	6.0	9.0#
122	11.8	11.2	16.8

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF087777.D

Acq: 7 Jun 2016 5:58

Tgt Ion:	264	Resp:	132323
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.6	16.9	25.3

