

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087777.D
 Acq On : 7 Jun 2016 5:58
 Operator : UM/SJ
 Sample : H3391-01DL 25X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Quant Time: Jun 07 06:50:56 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

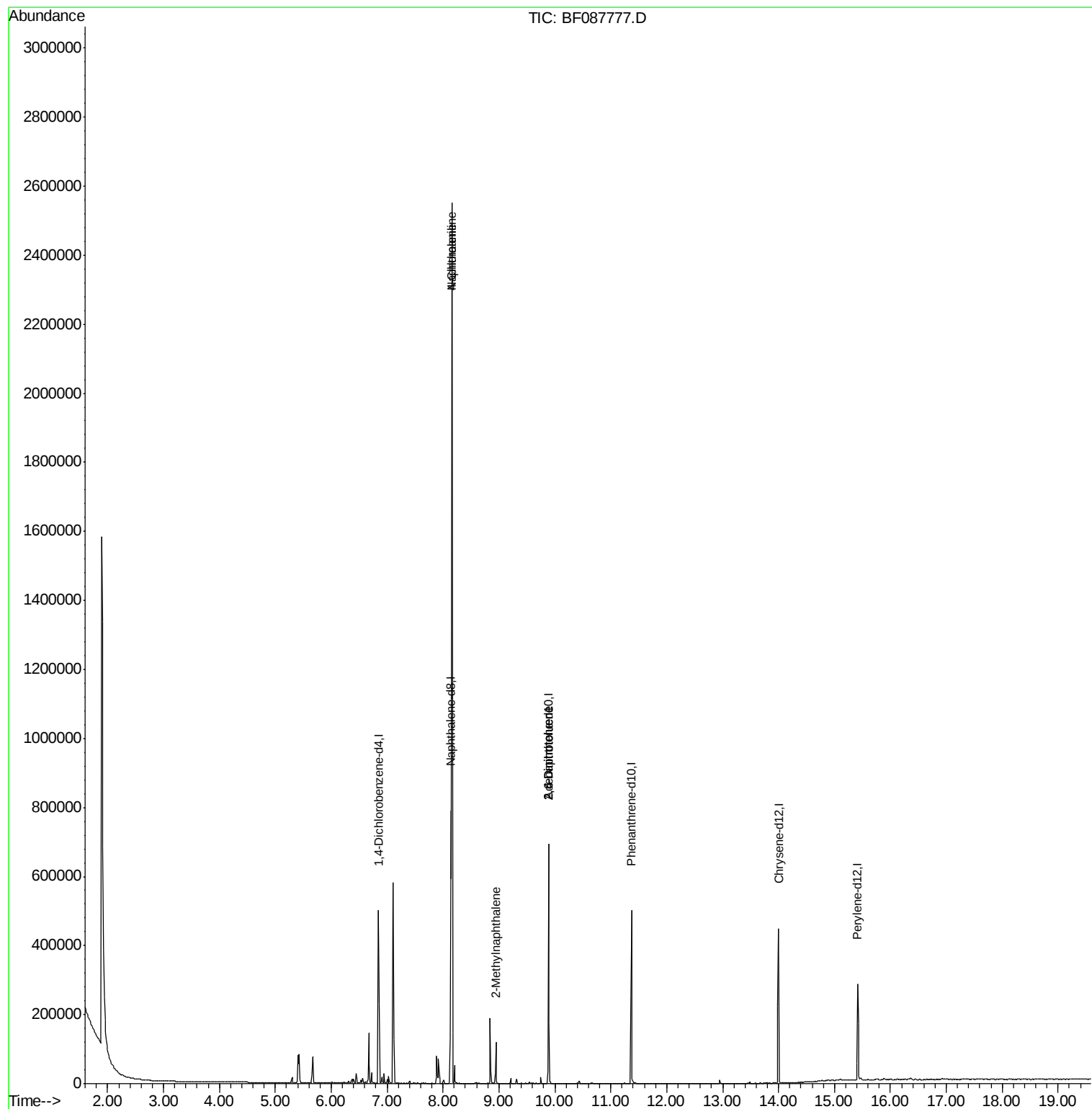
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	87010	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	348004	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	135477	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	219458	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	180515	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
33) 4-Chloroaniline	8.16	127	148543	20.21	ng	# 34
37) 2-Methylnaphthalene	8.95	142	33862	3.03	ng	96
50) 2,6-Dinitrotoluene	9.88	165	17346	7.74	ng	# 37
56) 2,4-Dinitrotoluene	9.88	165	17347	6.08	ng	# 36

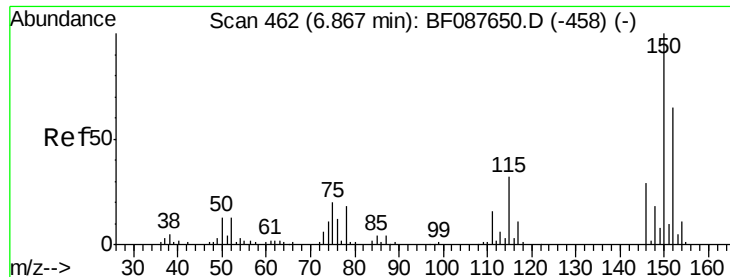
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

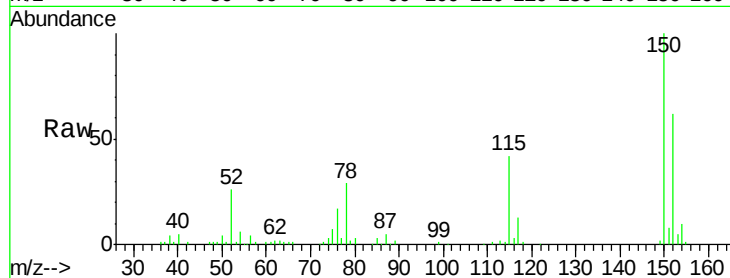
Tgt Ion:152 Resp: 87010

Ion Ratio Lower Upper

152 100

150 162.3 123.8 185.6

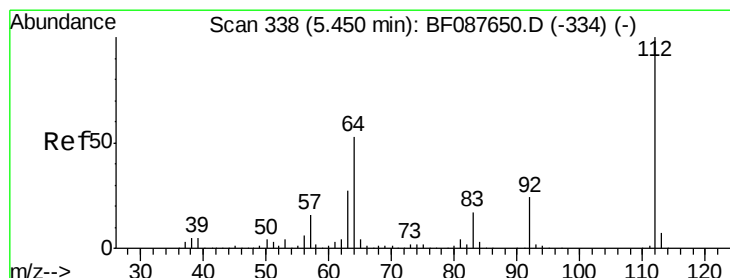
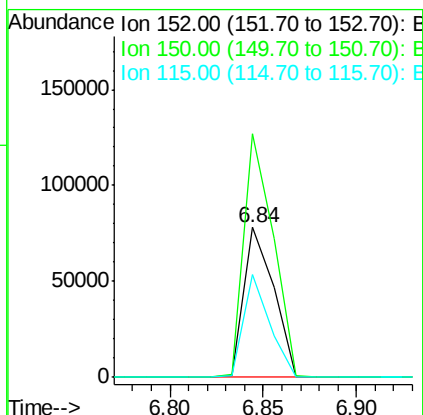
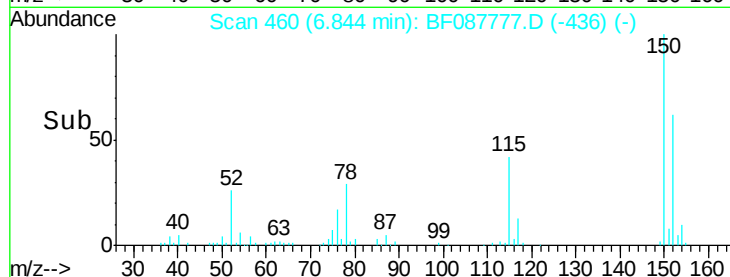
115 68.8 39.6 59.4#



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

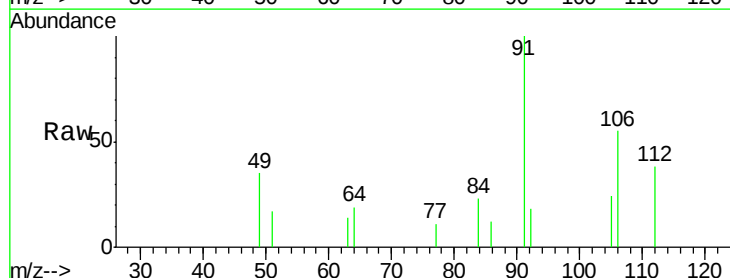
Tgt Ion:112 Resp: 1205

Ion Ratio Lower Upper

112 100

64 50.1 42.2 63.2

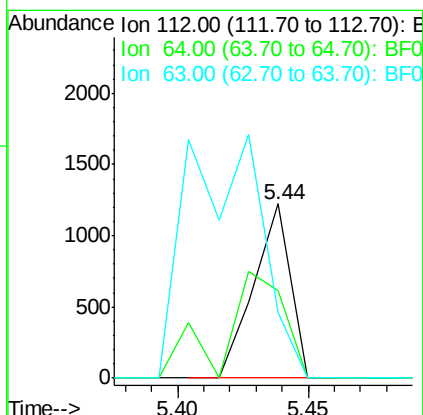
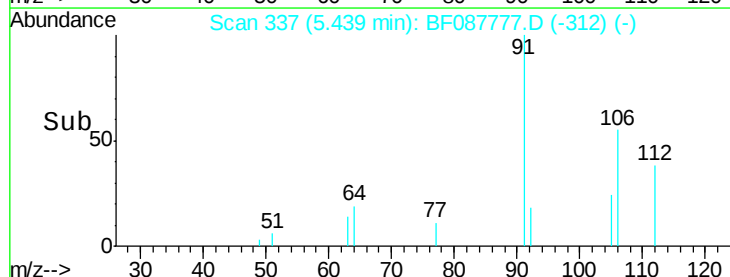
63 37.6 21.8 32.8#

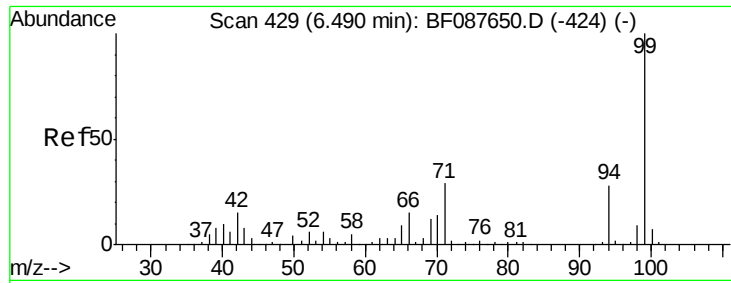


Abundance Ion 112.00 (111.70 to 112.70): E

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

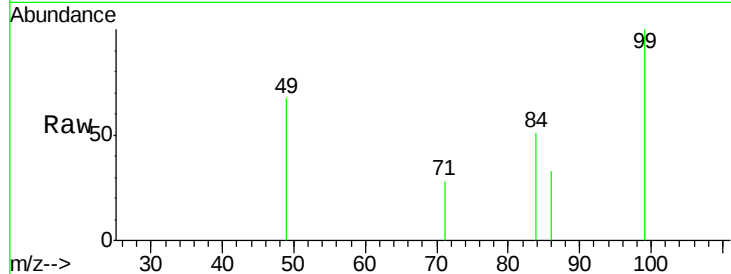
Tgt Ion: 99 Resp: 1058

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

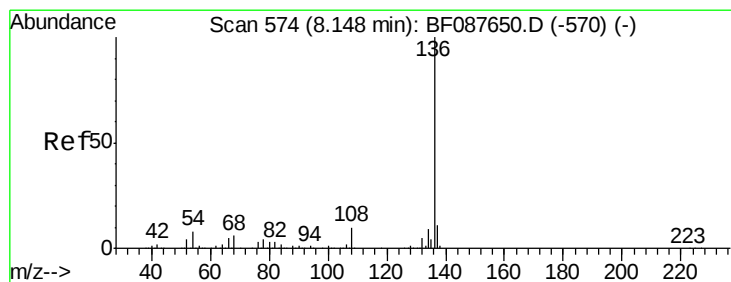
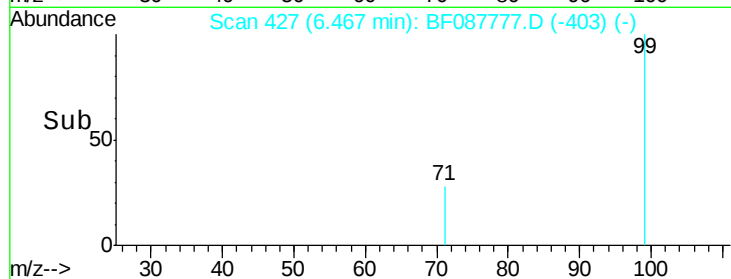
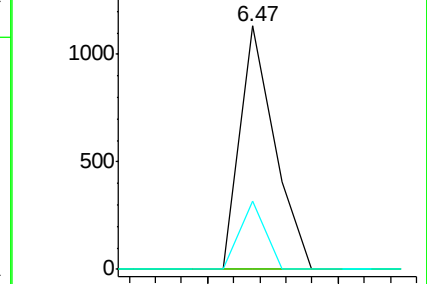
71 27.9 23.4 35.0



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



#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

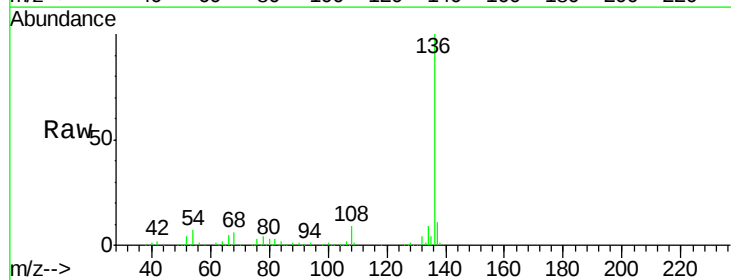
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.2 6.6 10.0

68 5.7 5.1 7.7

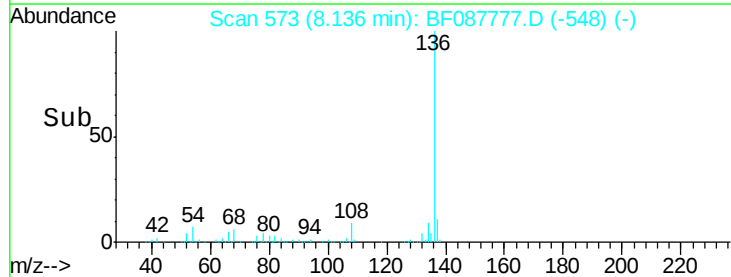
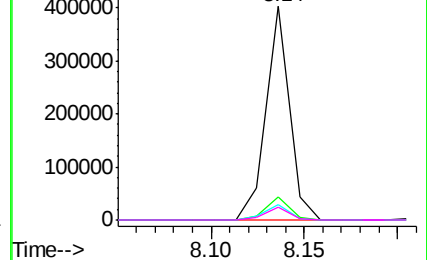


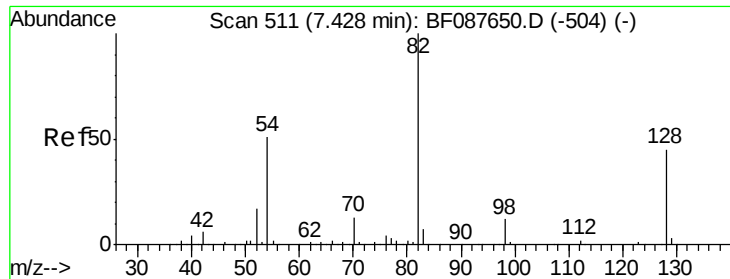
Abundance Ion 136.00 (135.70 to 136.70): E

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

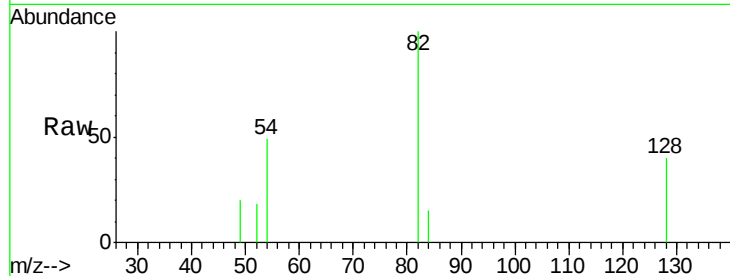




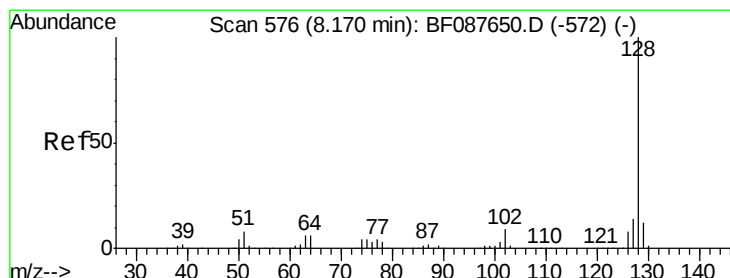
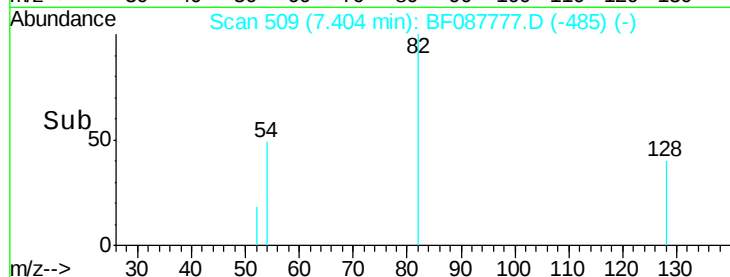
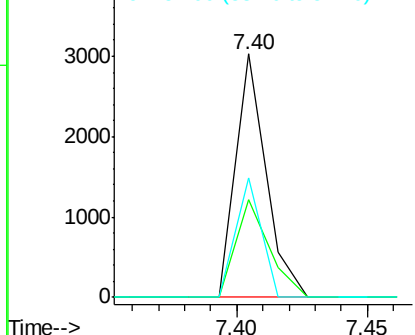
#23
 Nitrobenzene-d5
 Concen: 0.41 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Tgt Ion: 82 Resp: 2458
 Ion Ratio Lower Upper
 82 100
 128 40.3 35.9 53.9
 54 49.1 40.9 61.3

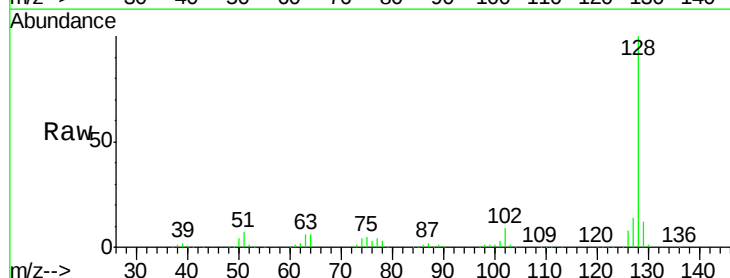


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

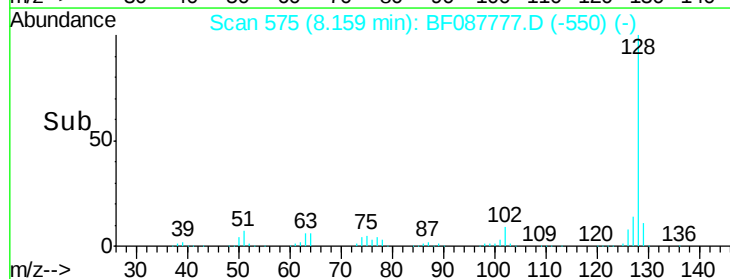
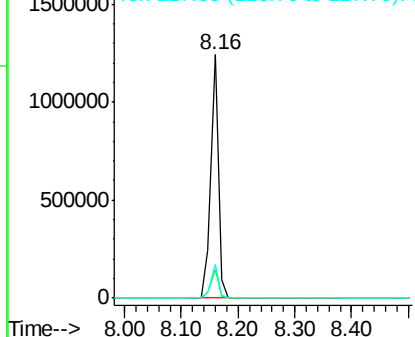


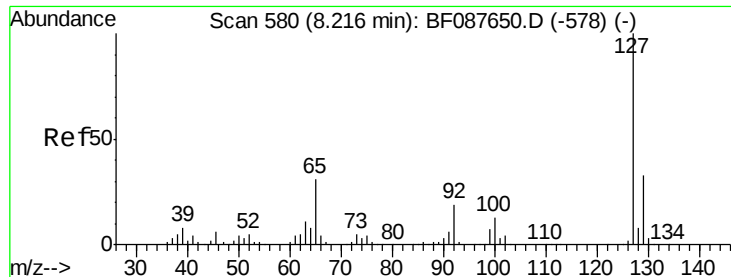
#31
 Naphthalene
 Concen: 64.51 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Tgt Ion: 128 Resp: 1091479
 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

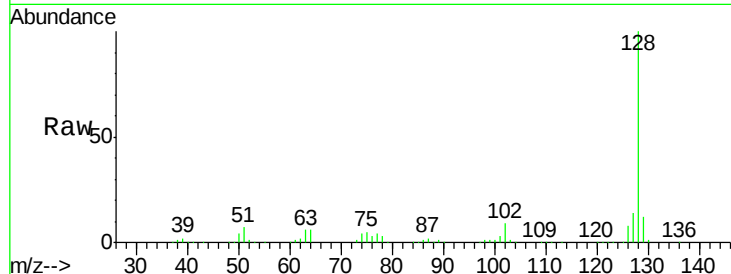




#33
4-Chloroaniline
Concen: 20.21 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.06 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tgt Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



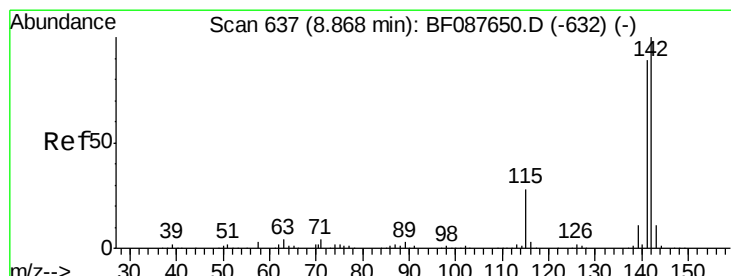
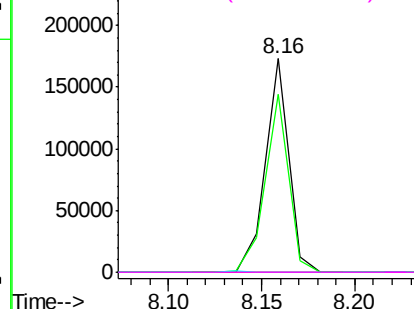
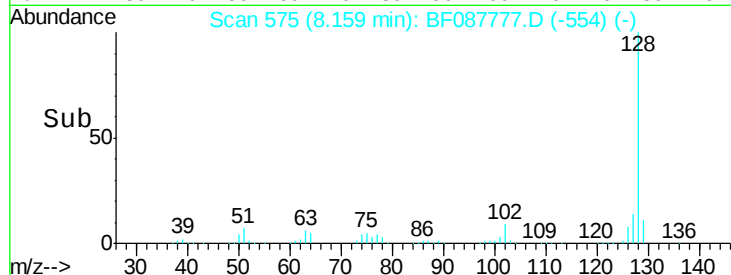
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

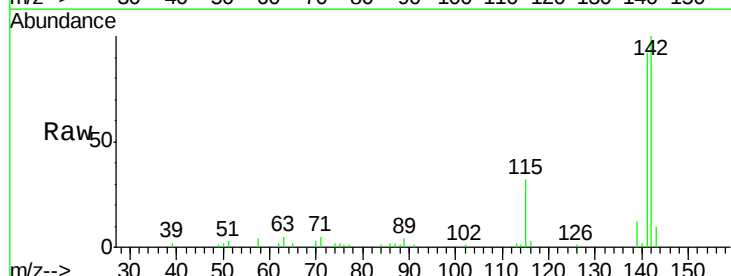
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37
2-Methylnaphthalene
Concen: 3.03 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.08 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.0	106.6
115	31.8	22.6	33.8

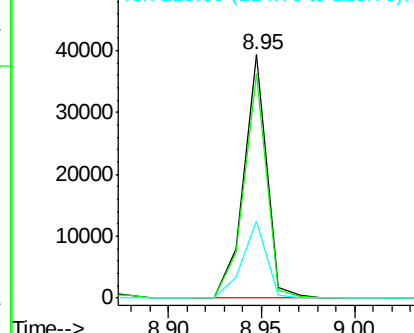
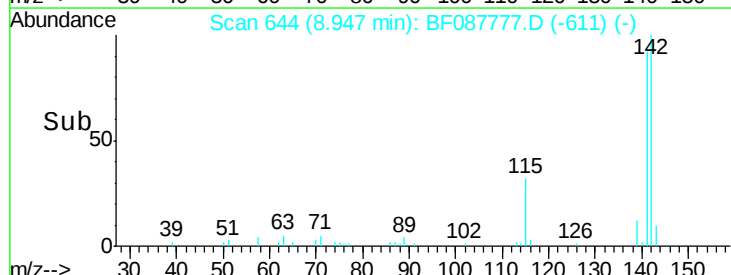


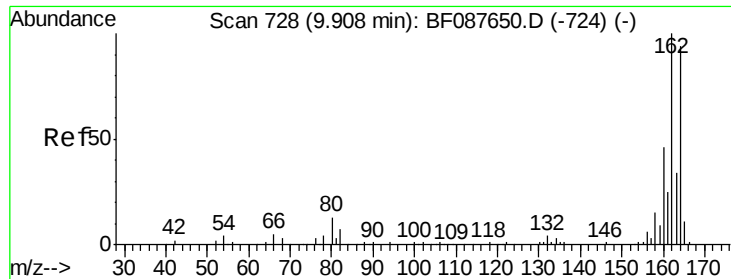
Abundance

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

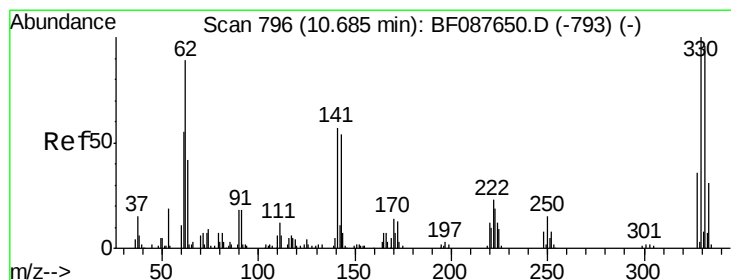
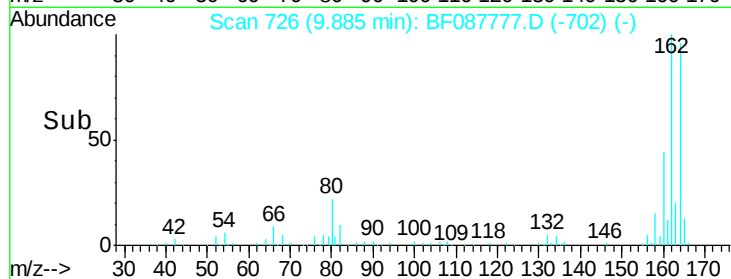
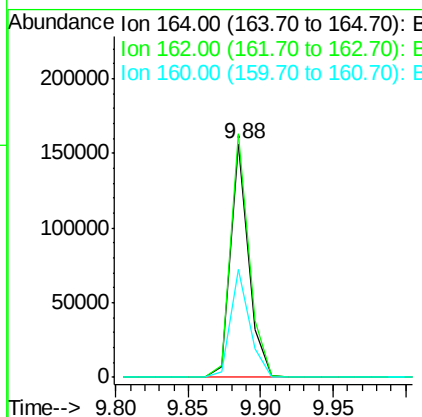
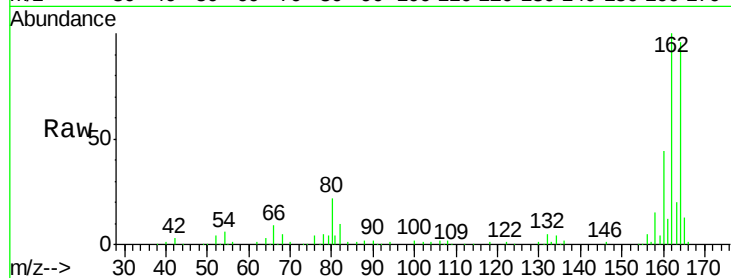




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

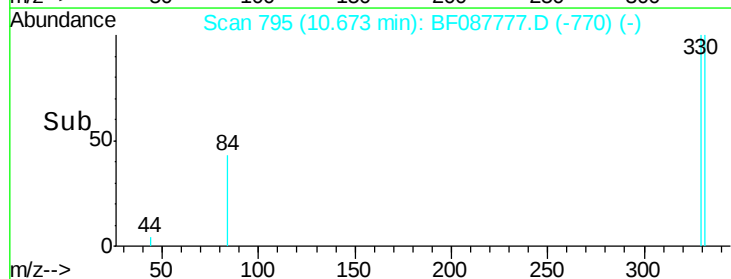
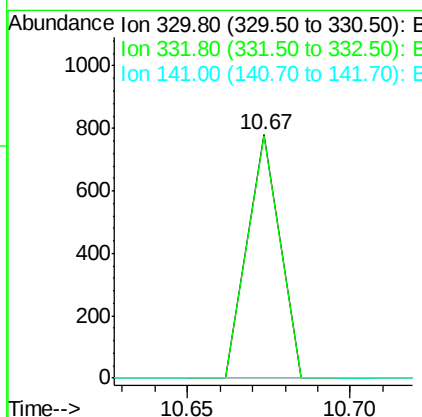
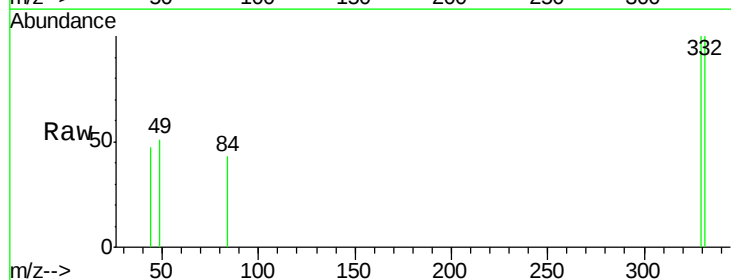
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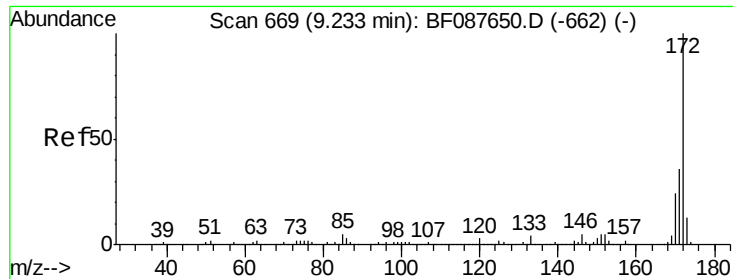
Tgt Ion:164 Resp: 135477
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.3 39.5 59.3



#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

Tgt Ion:330 Resp: 535
 Ion Ratio Lower Upper
 330 100
 332 99.8 0.0 0.0#
 141 0.0 0.0 0.0

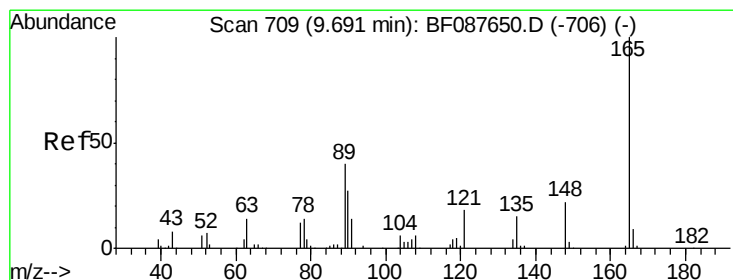
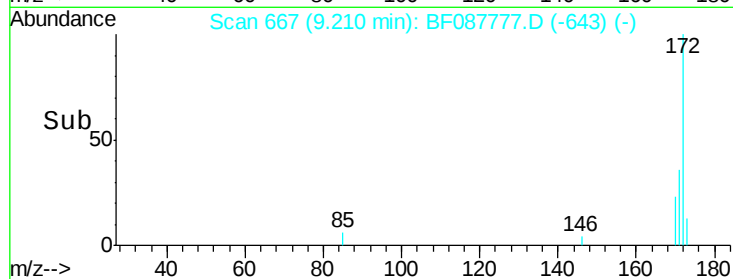
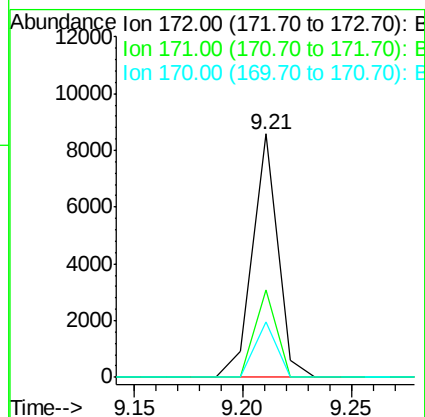
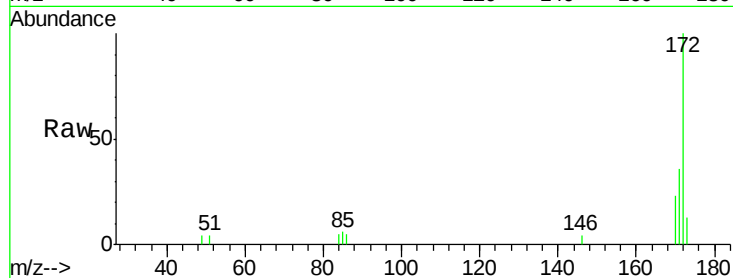




#44
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

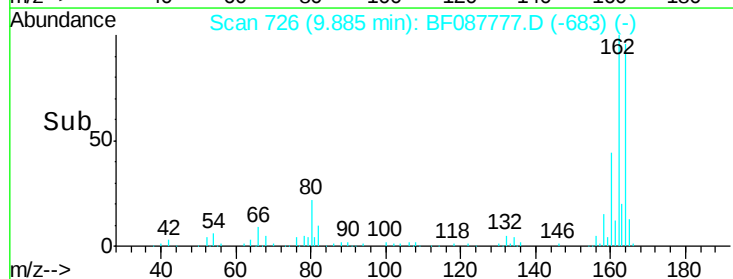
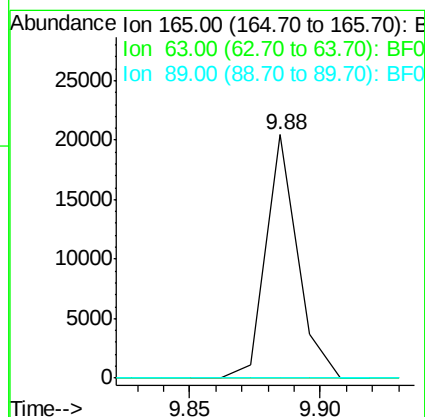
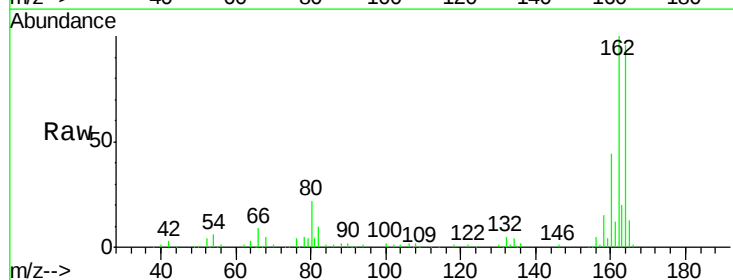
Instrument :
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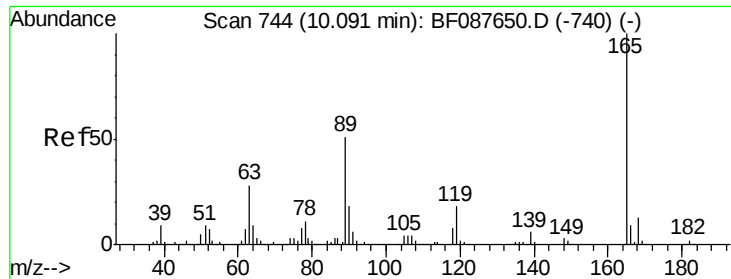
Tgt Ion:172 Resp: 6918
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 22.7 19.2 28.8



#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Tgt Ion:165 Resp: 17346
Ion Ratio Lower Upper
165 100
63 0.0 28.1 42.1#
89 0.0 32.2 48.2#

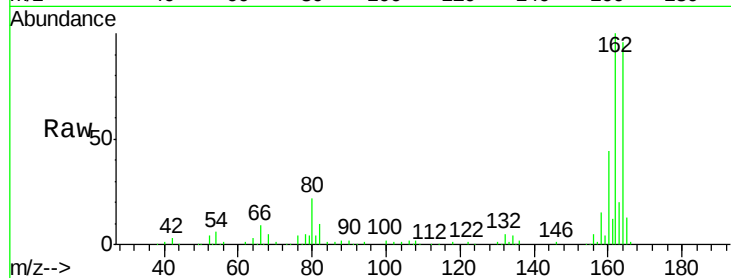




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087777.D
 Acq: 7 Jun 2016 5:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Tgt Ion:	165	Resp:	17347
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

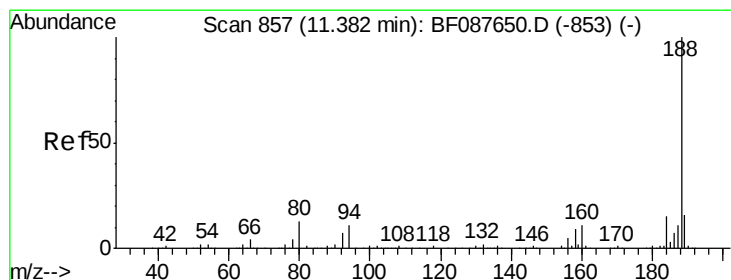
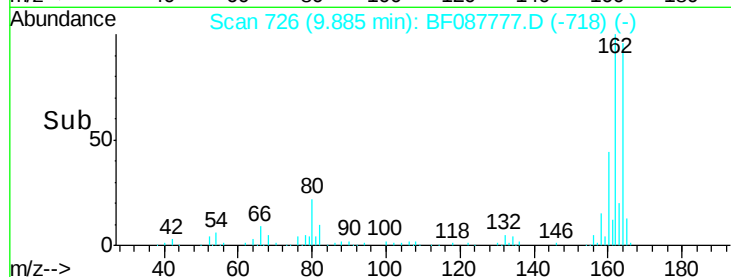
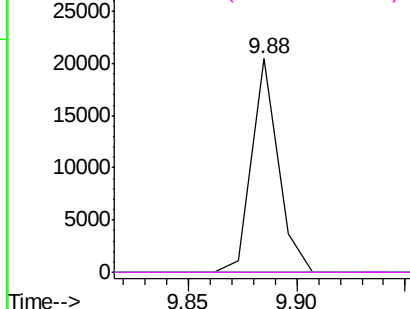


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

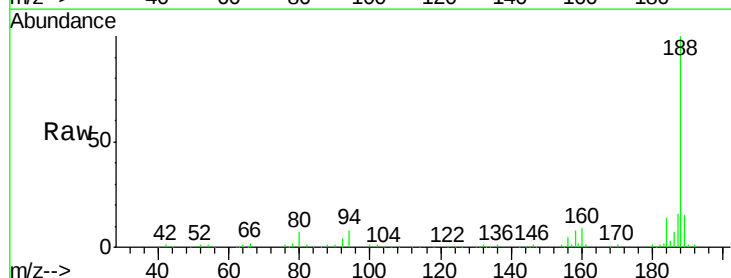
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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

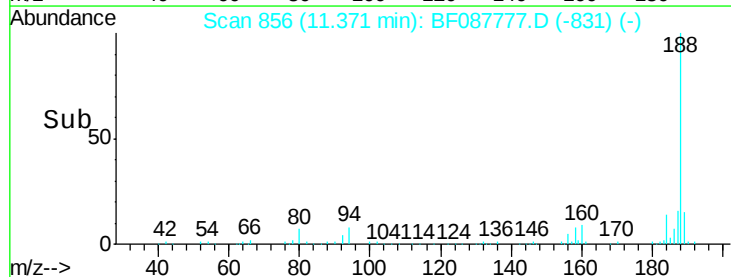
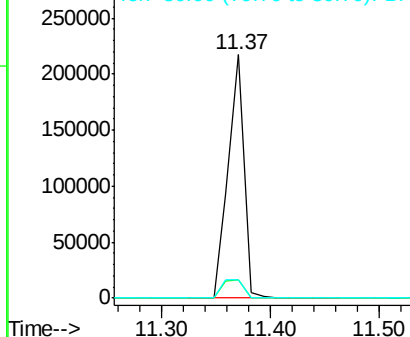
Tgt Ion:	188	Resp:	219458
Ion Ratio	Lower	Upper	
188	100		
94	7.5	9.0	13.6#
80	7.3	10.0	15.0#

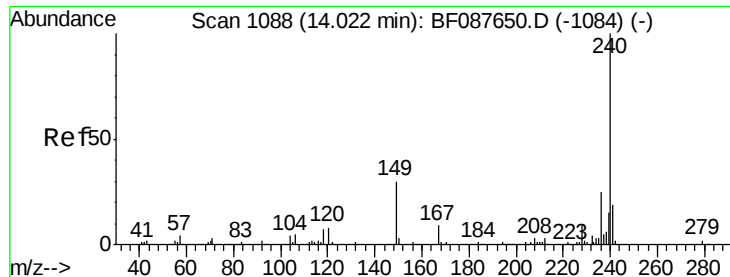


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

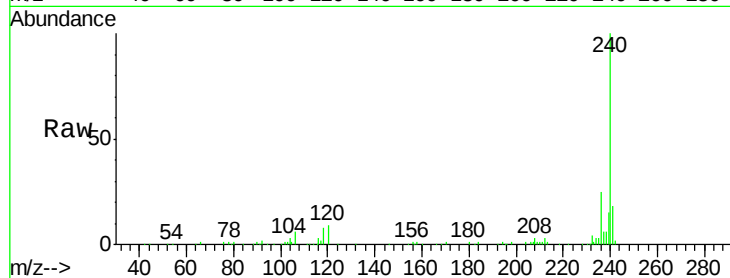
Tgt Ion:240 Resp: 180515

Ion Ratio 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

250000

200000

150000

100000

50000

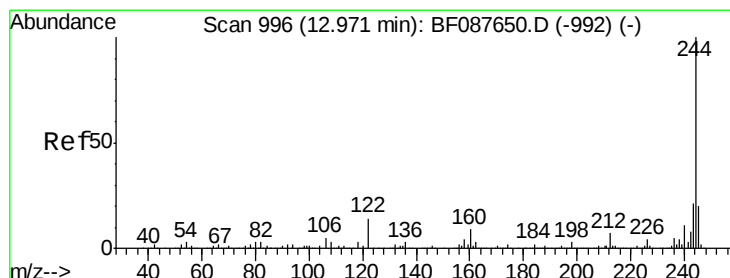
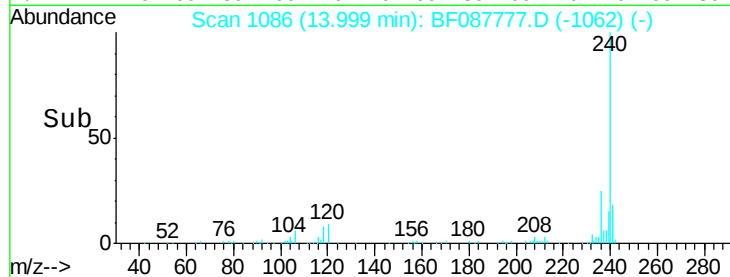
0

14.00

13.90

14.10

Time-->



#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

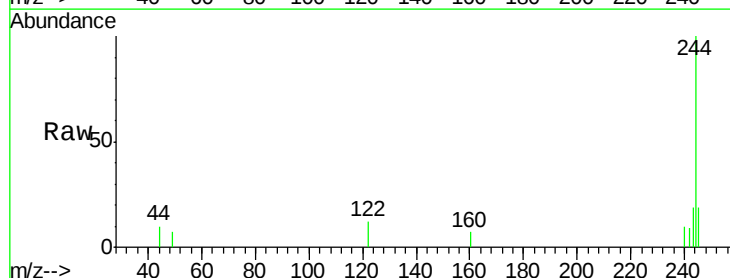
Tgt Ion:244 Resp: 4272

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

122 11.8 11.2 16.8



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

6000

4000

2000

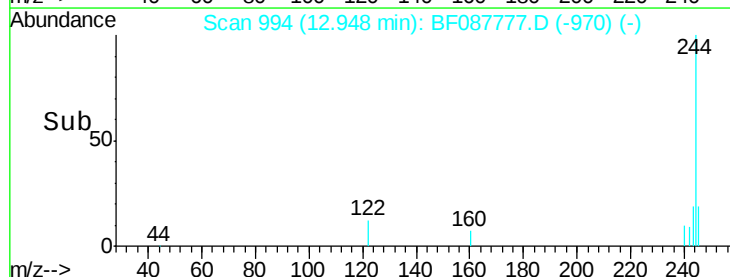
0

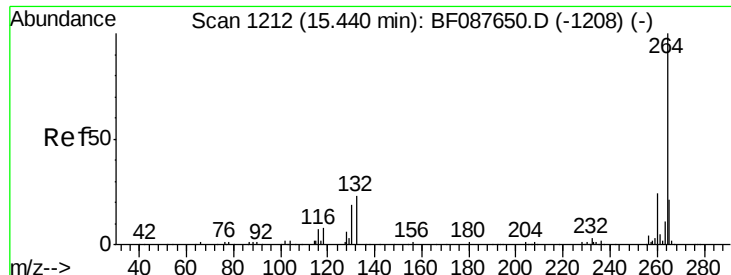
12.95

12.90

13.00

Time-->

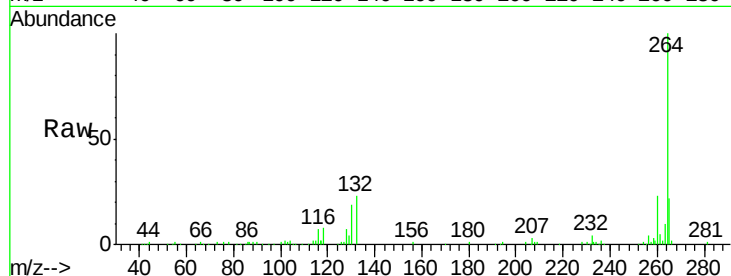




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087777.D
Acq: 7 Jun 2016 5:58

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

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



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

