

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087773.D
 Acq On : 7 Jun 2016 3:57
 Operator : UM/SJ
 Sample : H3344-06DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Quant Time: Jun 07 06:50:00 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

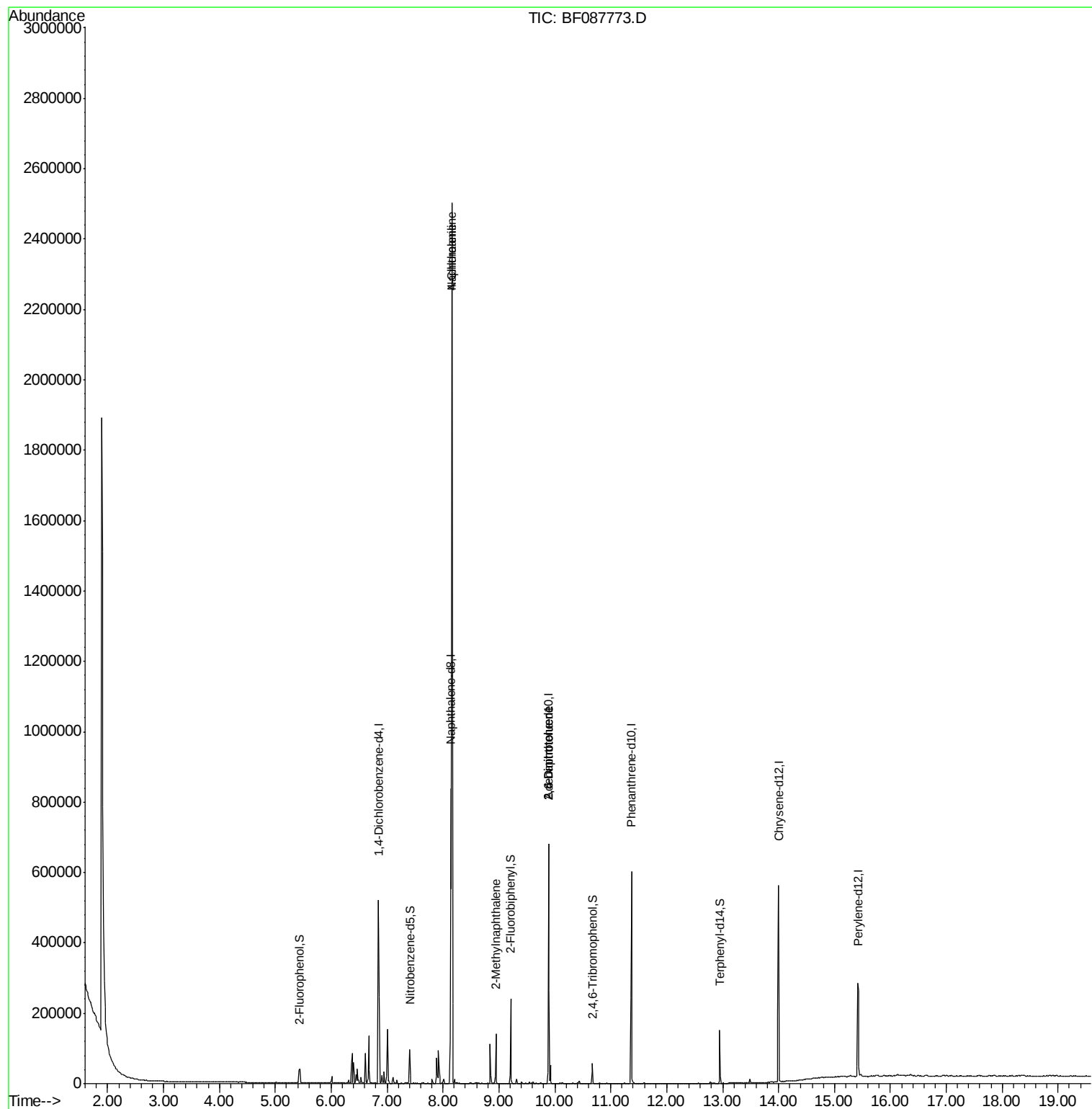
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	92255	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	366349	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	145082	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	245312	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	197167	20.00	ng	-0.02
86) Perylene-d12	15.43	264	145657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	17246	3.02	ng	-0.01
7) Phenol-d6	6.47	99	13988	1.95	ng	-0.02
23) Nitrobenzene-d5	7.40	82	29296	4.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	9738	6.69	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	71094	6.05	ng	-0.02
78) Terphenyl-d14	12.95	244	45216	5.60	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	1087285	61.04	ng	Qvalue 100
33) 4-Chloroaniline	8.16	127	147019	19.00	ng	# 32
37) 2-Methylnaphthalene	8.95	142	35653	3.03	ng	94
50) 2,6-Dinitrotoluene	9.88	165	18404	7.67	ng	# 37
56) 2,4-Dinitrotoluene	9.88	165	18405	6.02	ng	# 36

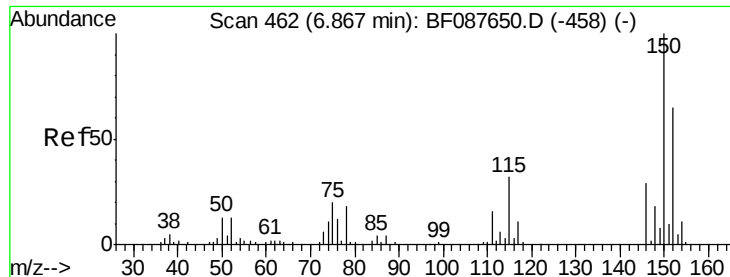
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

MW-8DL

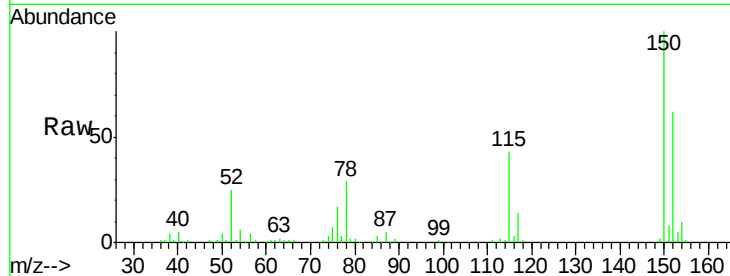
Tgt Ion:152 Resp: 92255

Ion Ratio Lower Upper

152 100

150 160.6 123.8 185.6

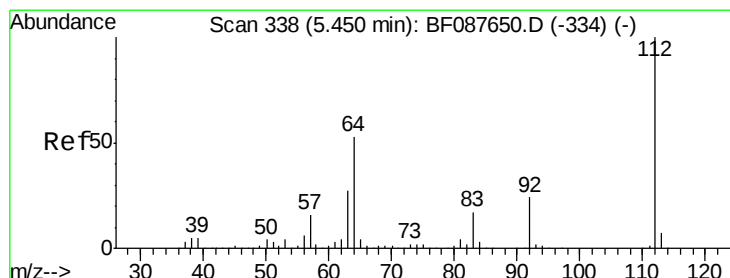
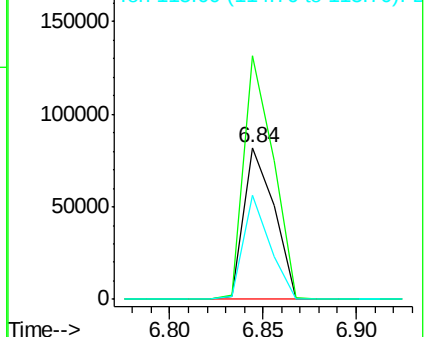
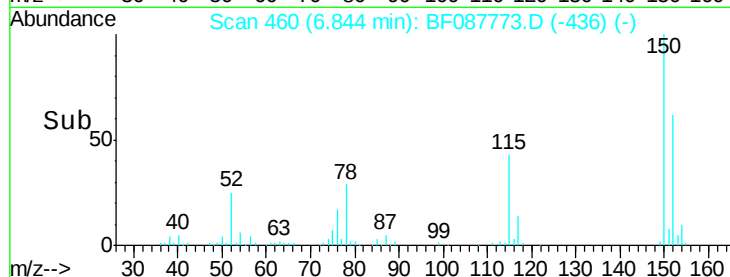
115 68.8 39.6 59.4#



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: 3.02 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

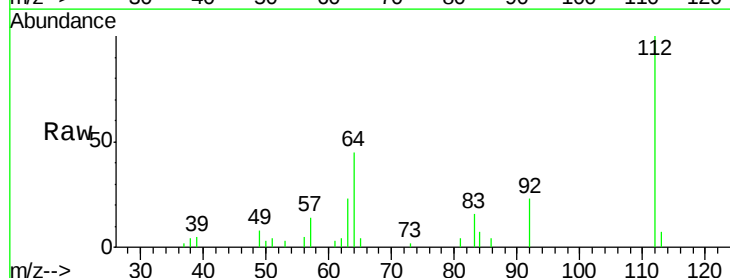
Tgt Ion:112 Resp: 17246

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

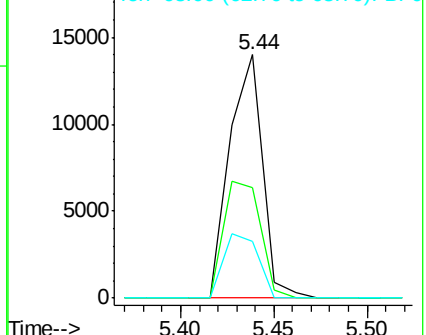
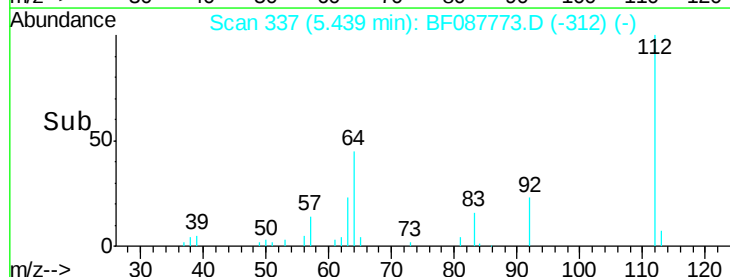
63 23.2 21.8 32.8

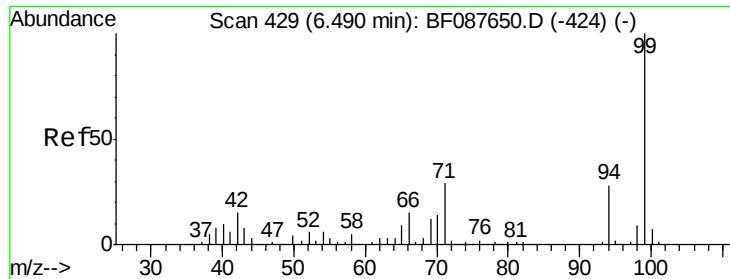


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.95 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

MW-8DL

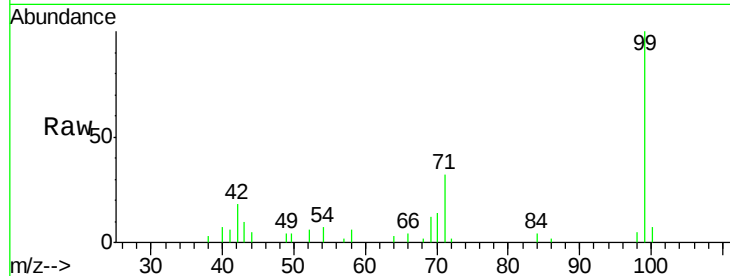
Tgt Ion: 99 Resp: 13988

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

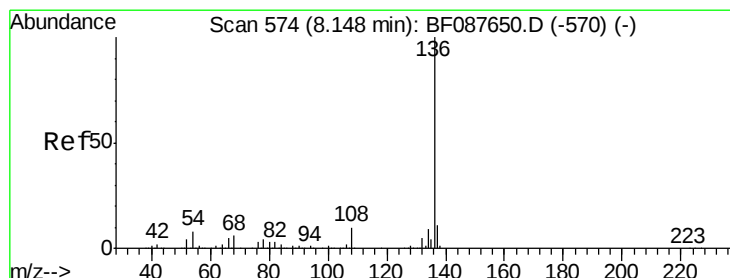
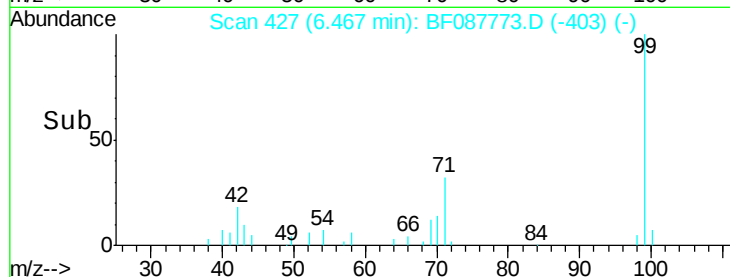
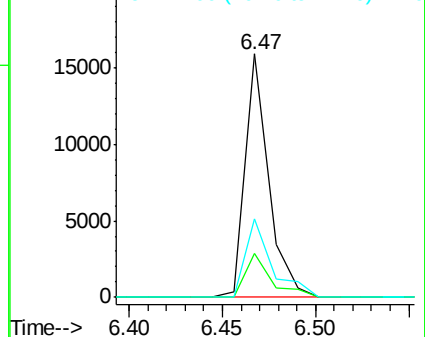
71 32.0 23.4 35.0



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: BF087773.D

Acq: 7 Jun 2016 3:57

Tgt Ion: 136 Resp: 366349

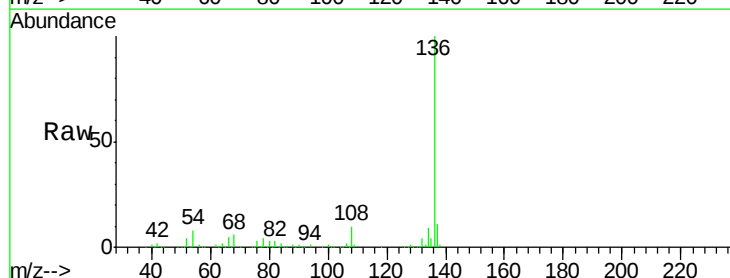
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 6.6 10.0

68 6.0 5.1 7.7

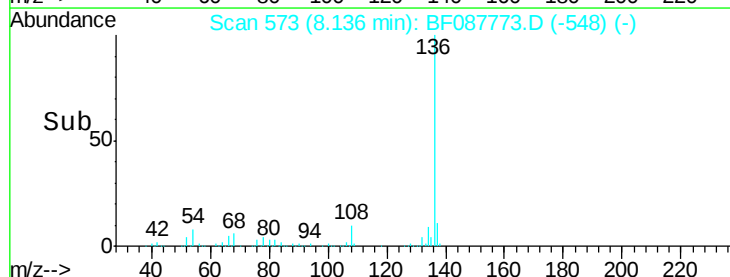
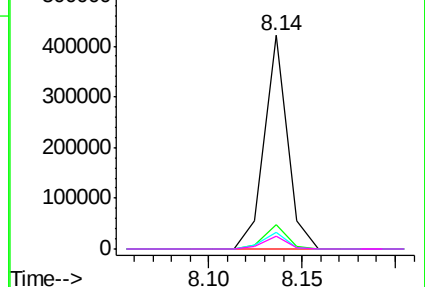


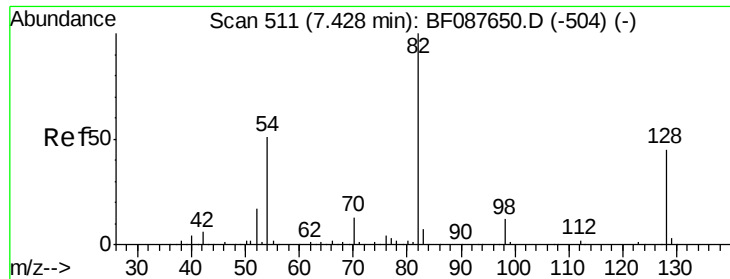
Abundance Ion 136.00 (135.70 to 136.70): E

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

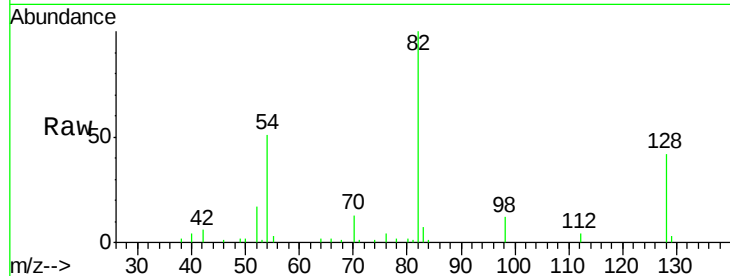




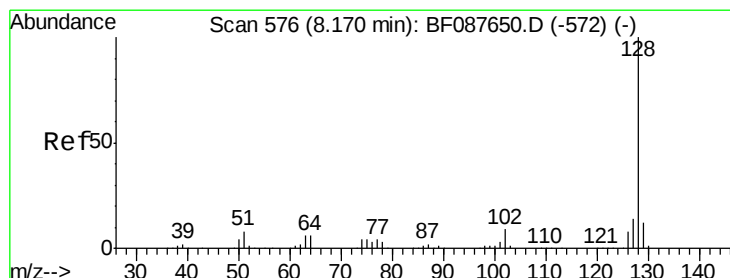
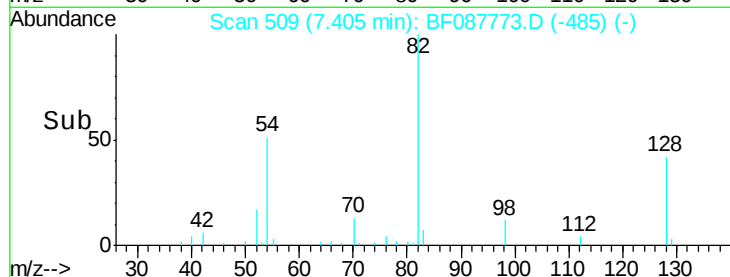
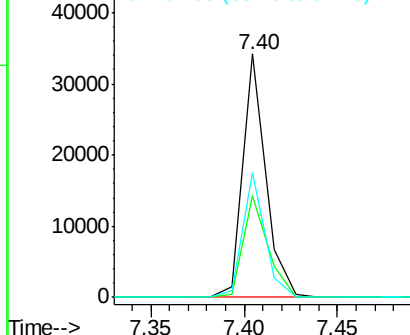
#23
 Nitrobenzene-d5
 Concen: 4.63 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleID :
 MW-8DL

Tgt Ion: 82 Resp: 29296
 Ion Ratio Lower Upper
 82 100
 128 41.6 35.9 53.9
 54 51.1 40.9 61.3

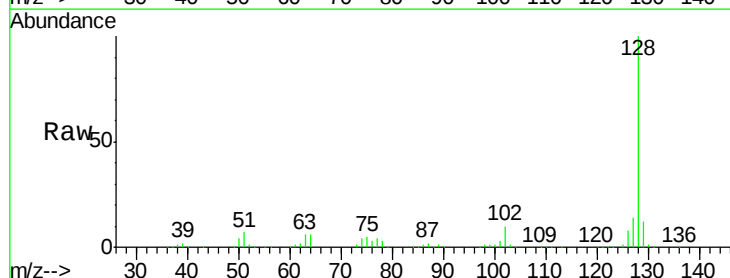


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

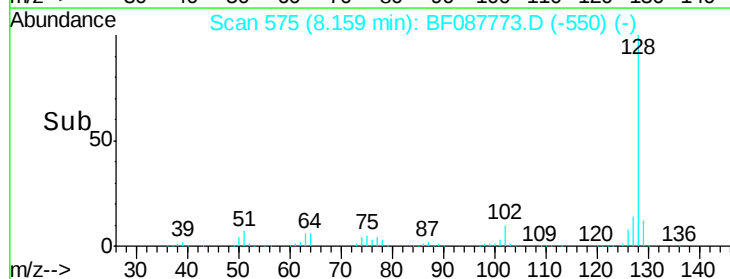
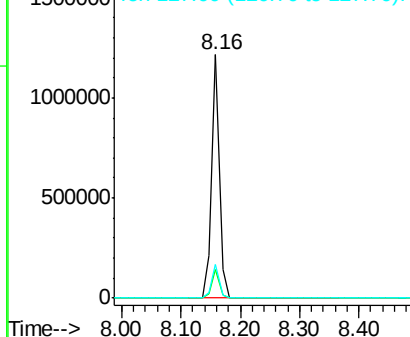


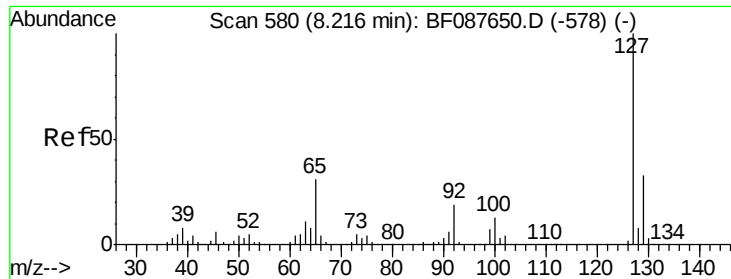
#31
 Naphthalene
 Concen: 61.04 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Tgt Ion: 128 Resp: 1087285
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.4 14.2
 127 13.8 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

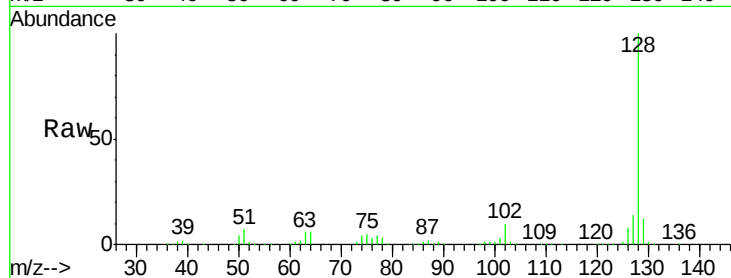




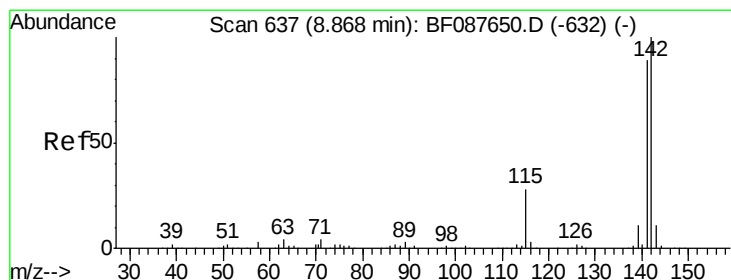
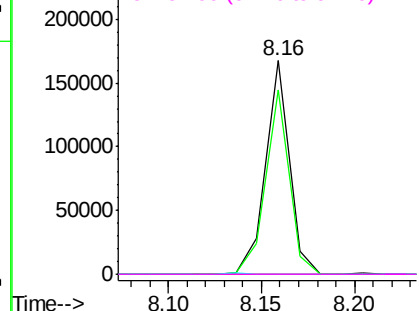
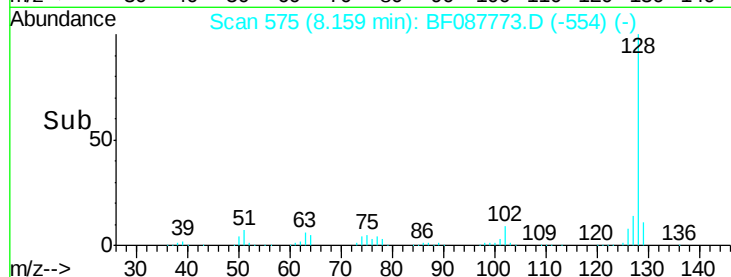
#33
 4-Chloroaniline
 Concen: 19.00 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.06 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Tgt Ion:	127	Resp:	147019
Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

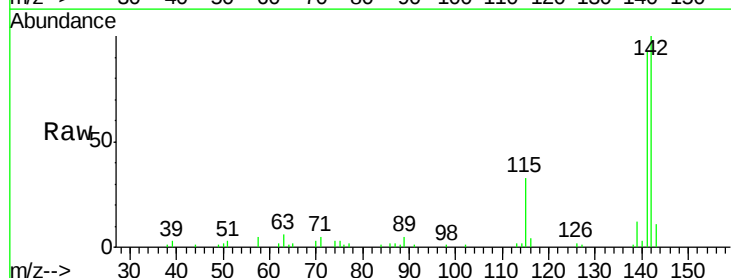


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

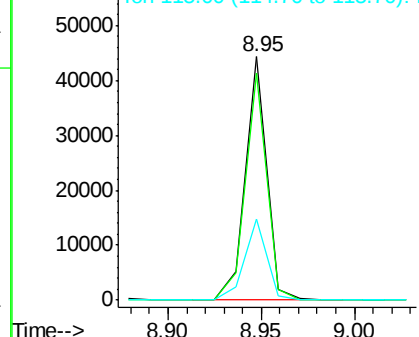
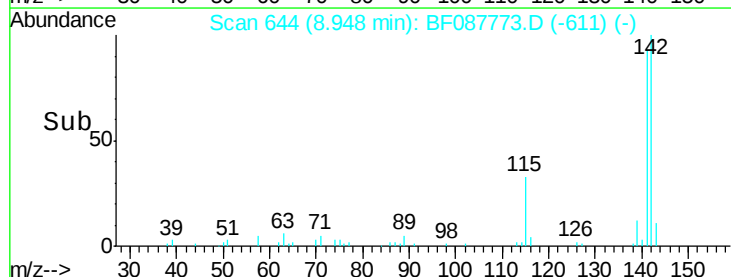


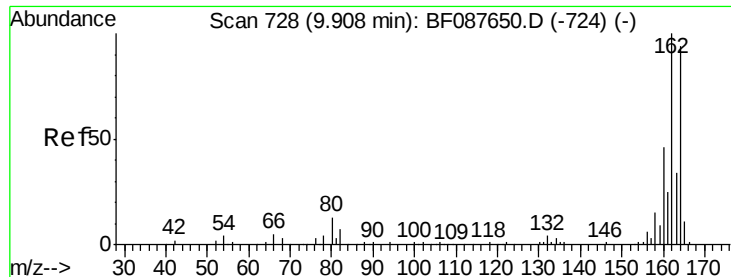
#37
 2-Methylnaphthalene
 Concen: 3.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.08 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Tgt Ion:	142	Resp:	35653
Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.0	106.6
115	33.1	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: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

MW-8DL

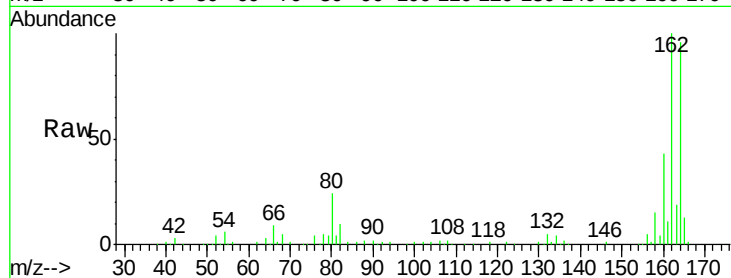
Tgt Ion:164 Resp: 145082

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

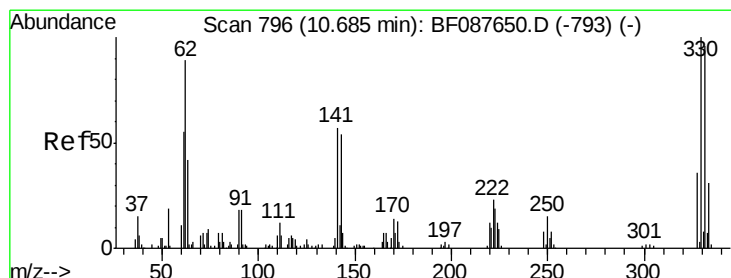
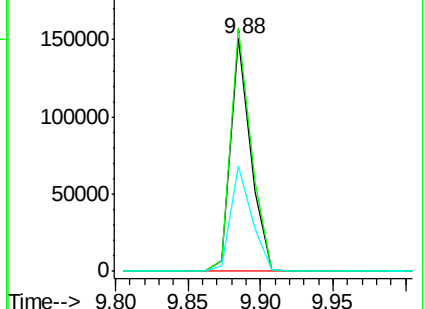
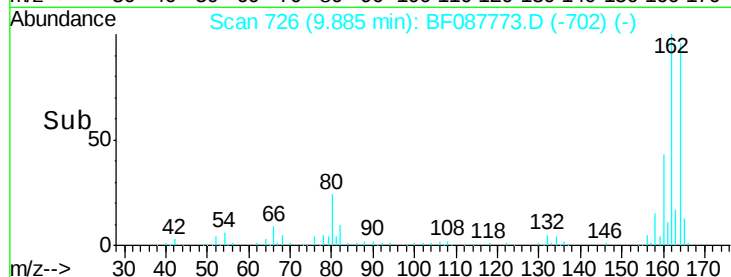
160 45.3 39.5 59.3



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: 6.69 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

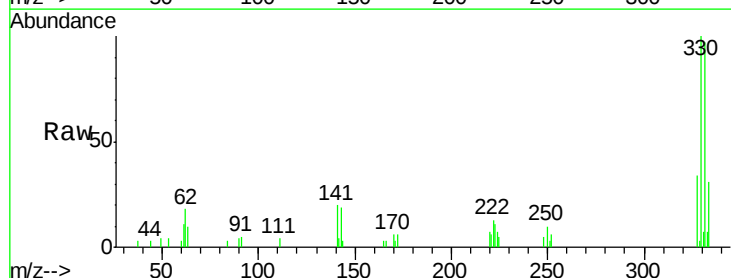
Tgt Ion:330 Resp: 9738

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

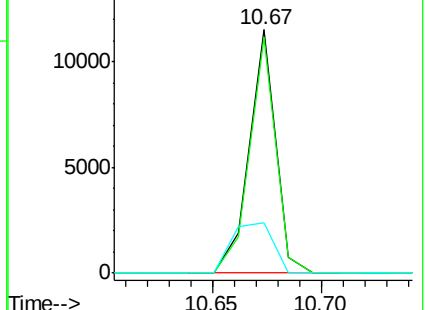
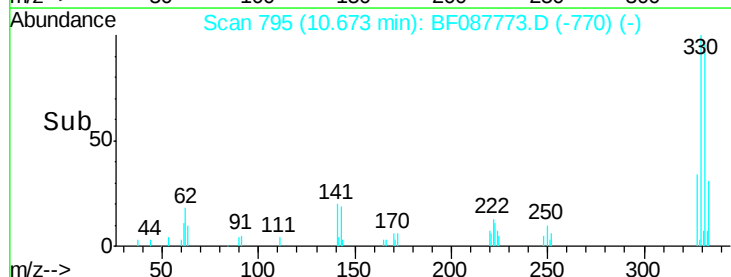
141 32.4 0.0 0.0#

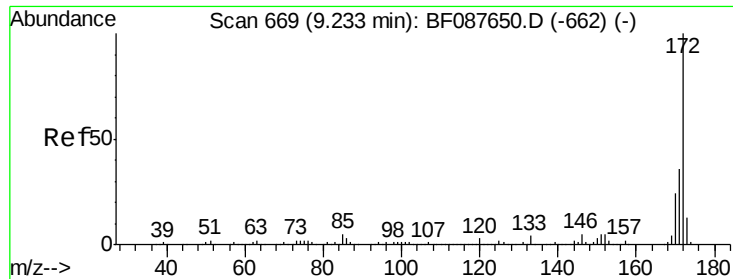


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

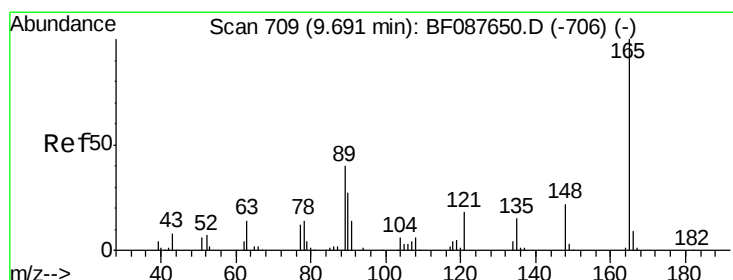
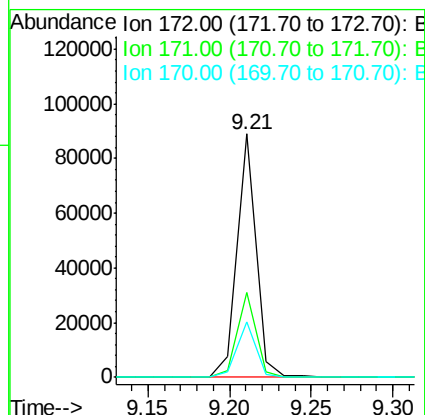
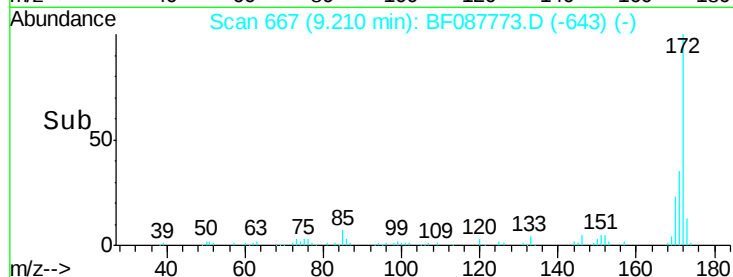
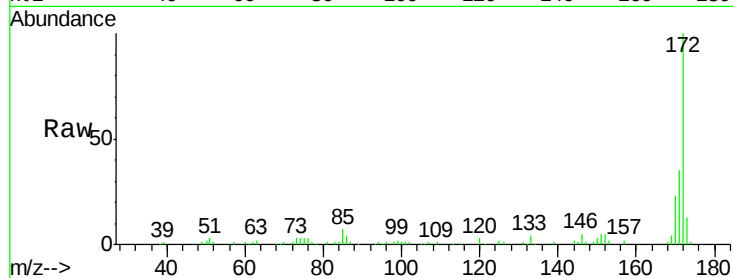




#44
 2-Fluorobiphenyl
 Concen: 6.05 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

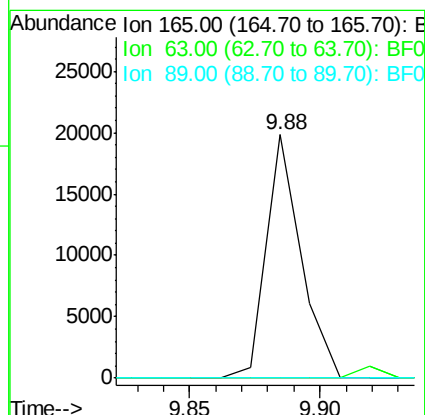
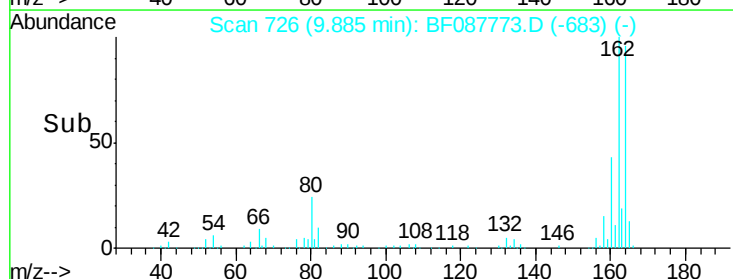
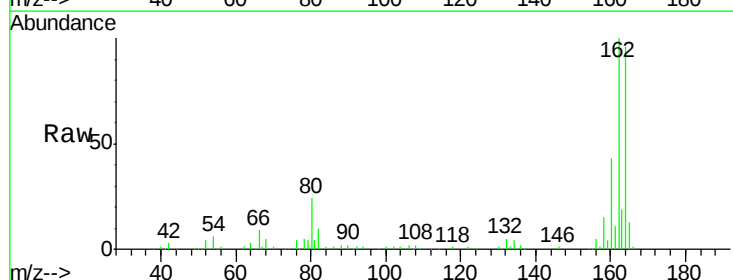
Instrument :
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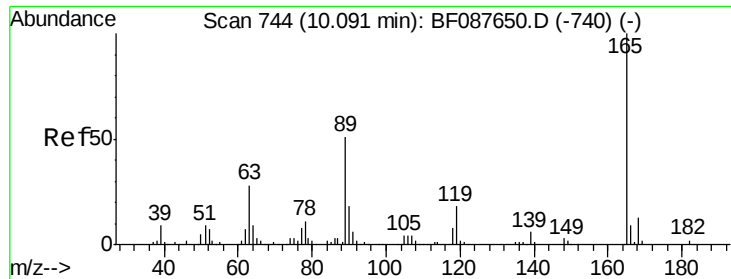
Tgt Ion:172 Resp: 71094
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 22.8 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.19 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Tgt Ion:165 Resp: 18404
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#

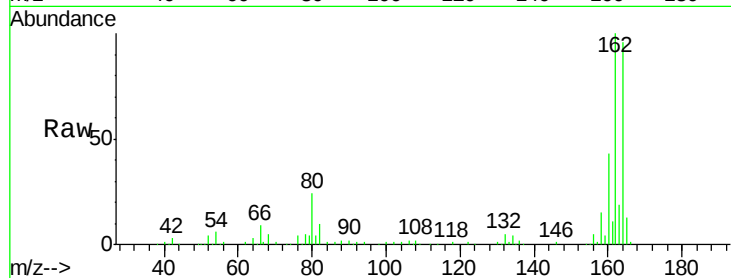




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087773.D
 Acq: 7 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-8DL

Tgt Ion:	165	Resp:	18405
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#

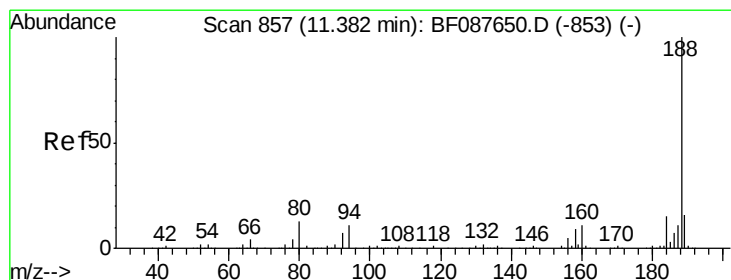
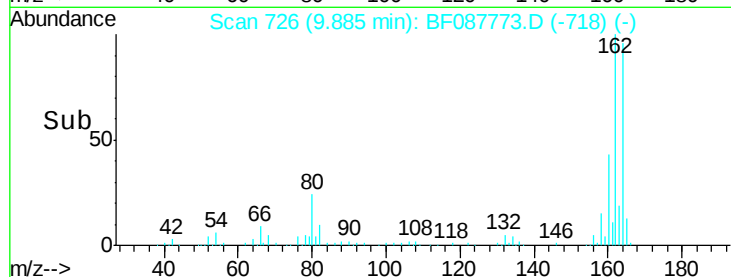
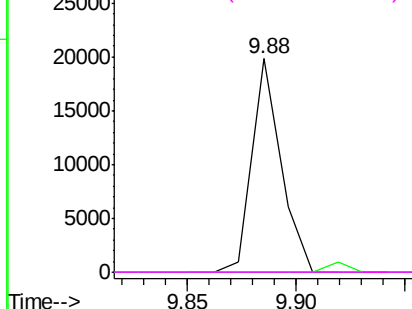


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

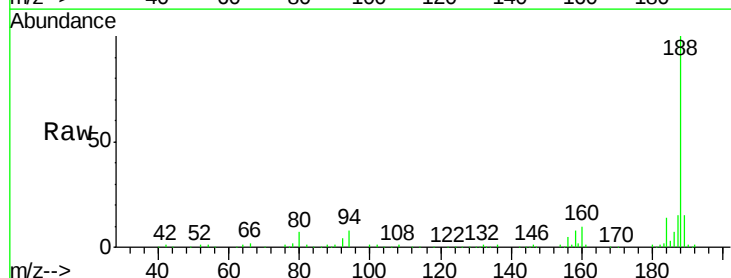
Ion 89.00 (88.70 to 89.70): BF0

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: BF087773.D
 Acq: 7 Jun 2016 3:57

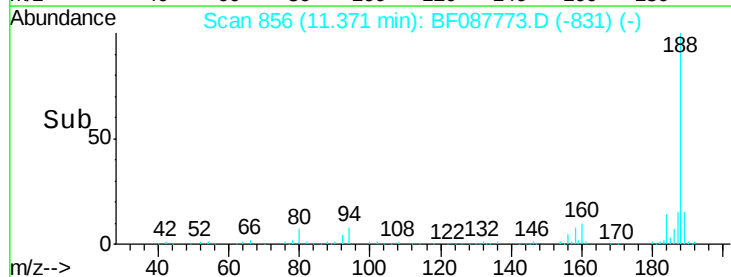
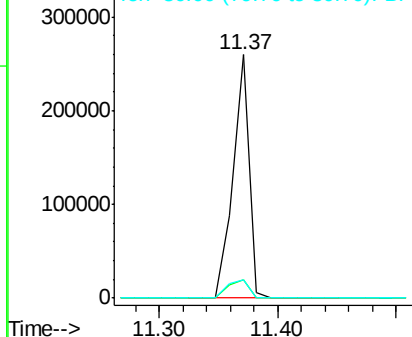
Tgt Ion:	188	Resp:	245312
Ion Ratio	Lower	Upper	
188	100		
94	7.5	9.0	13.6#
80	7.3	10.0	15.0#

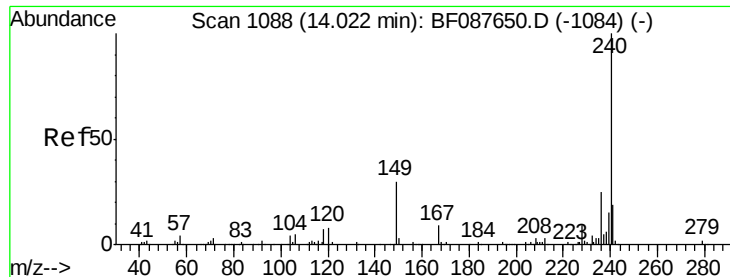


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087773.D

Acq: 7 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

MW-8DL

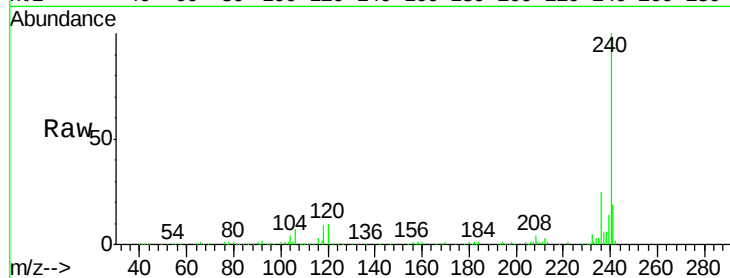
Tgt Ion:240 Resp: 197167

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

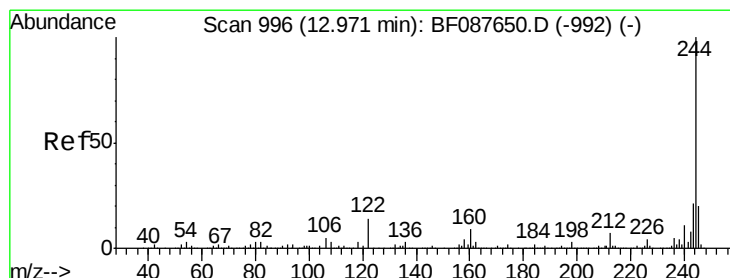
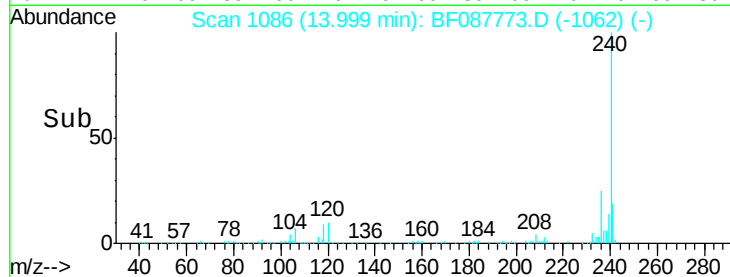
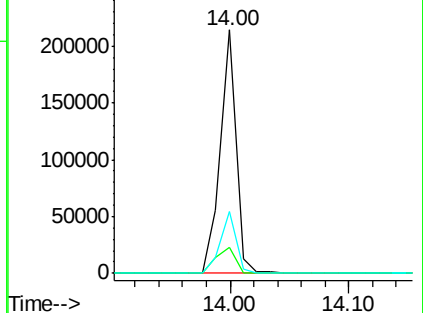
236 25.3 20.2 30.2



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: 5.60 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087773.D

Acq: 7 Jun 2016 3:57

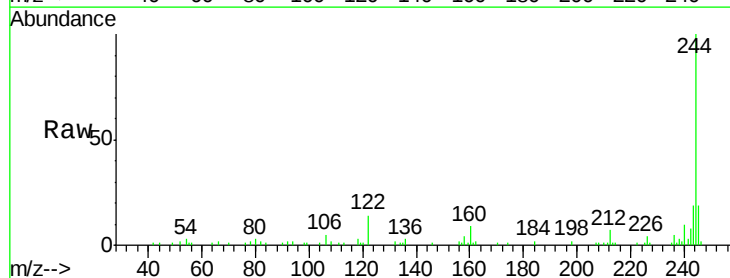
Tgt Ion:244 Resp: 45216

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

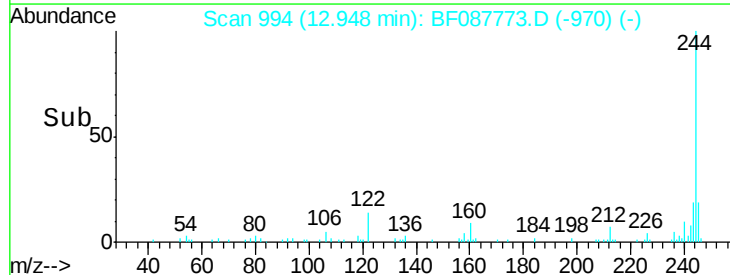
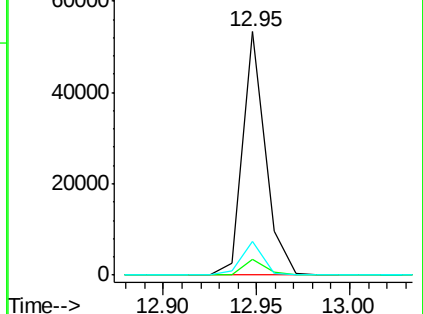
122 13.7 11.2 16.8

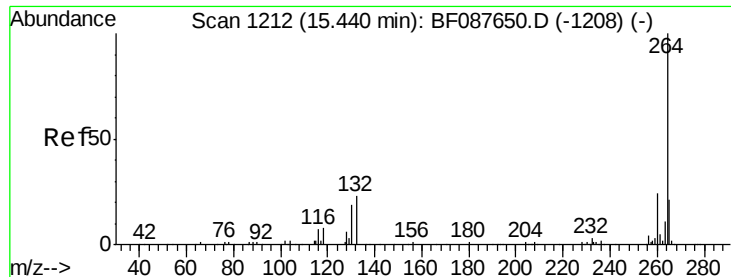


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

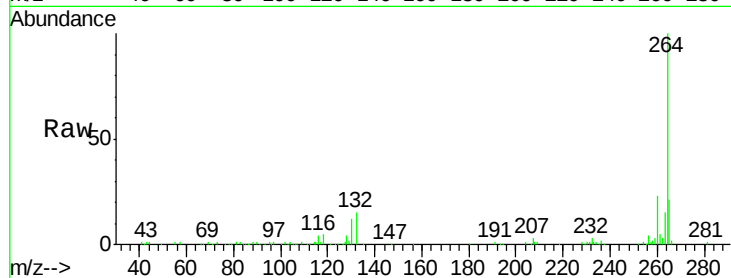




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087773.D
Acq: 7 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
MW-8DL

Tgt Ion: 264 Resp: 145657
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.5 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

