

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088200.D
 Acq On : 21 Jun 2016 5:36
 Operator : UM/SJ
 Sample : H3611-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP3-COMP

Quant Time: Jun 21 06:49:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

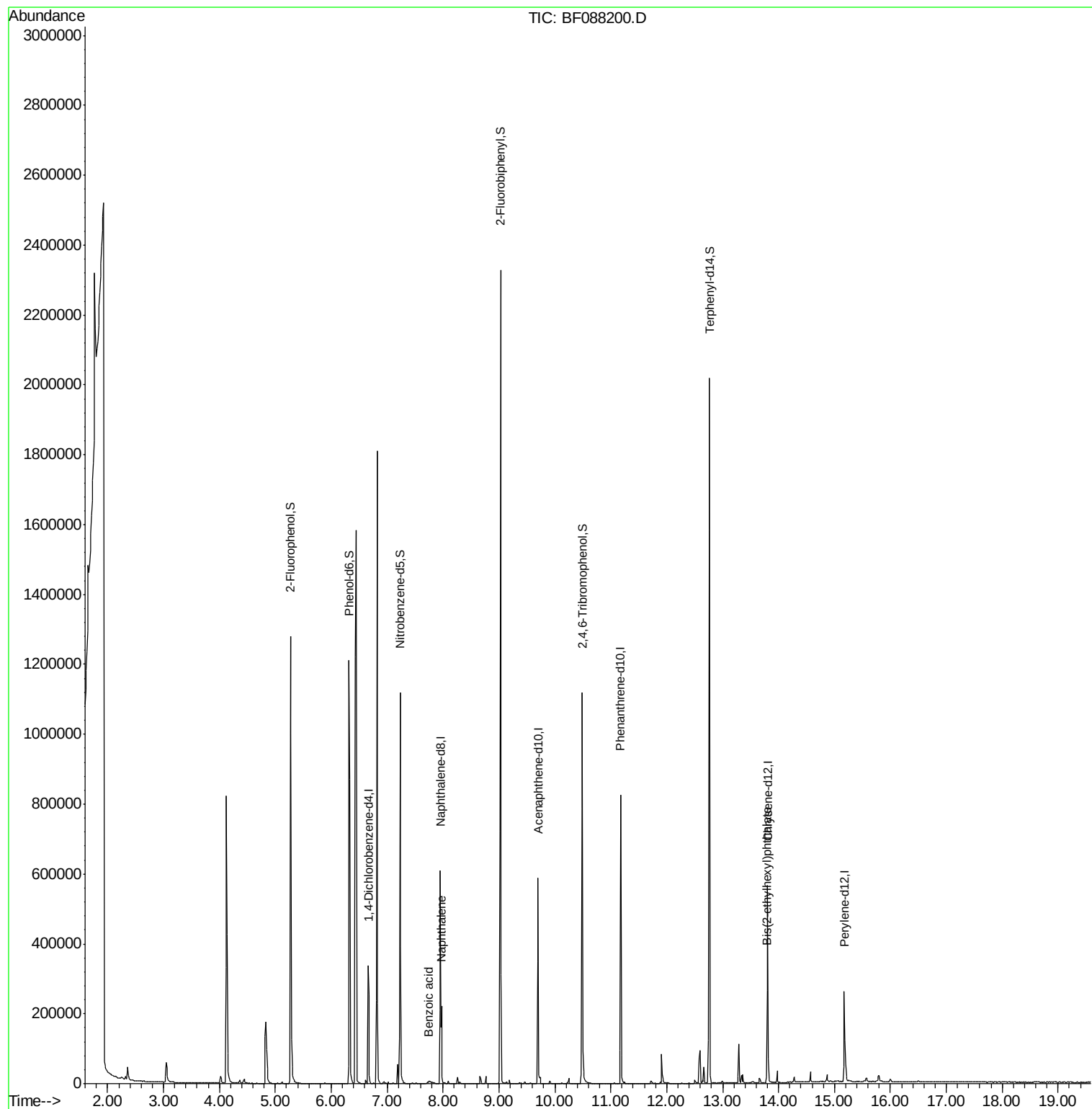
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	74227	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	307082	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	144492	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	283175	20.00	ng	0.00
75) Chrysene-d12	13.81	240	212711	20.00	ng	0.00
86) Perylene-d12	15.18	264	102135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	567328	130.66	ng	0.01
7) Phenol-d6	6.32	99	626586	119.08	ng	-0.01
23) Nitrobenzene-d5	7.23	82	412615	78.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	195785	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	802358	87.39	ng	-0.01
78) Terphenyl-d14	12.77	244	865966	92.64	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.98	128	134409	8.84	ng	97
32) Benzoic acid	7.75	122	7152	2.59	ng	96
83) Bis(2-ethylhexyl)phthalate	13.79	149	17941	2.11	ng	# 98

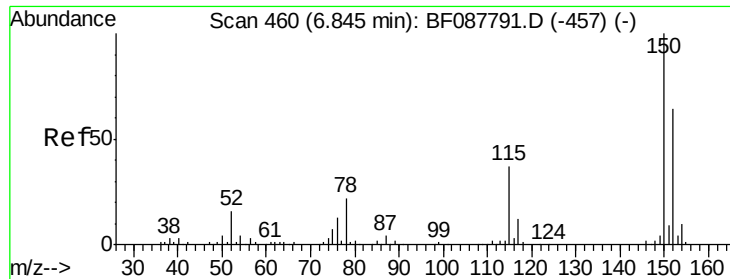
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

Instrument :

BNA_F

ClientSampleId :

PL-UP3-COMP

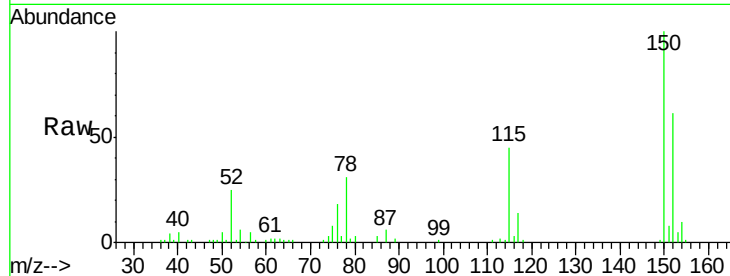
Tot Ion:152 Resp: 74227

Ion Ratio Lower Upper

152 100

150 163.8 123.8 185.6

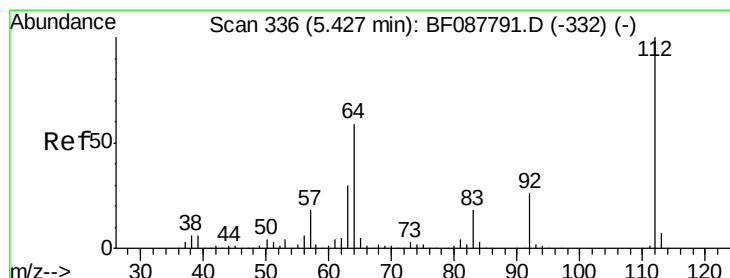
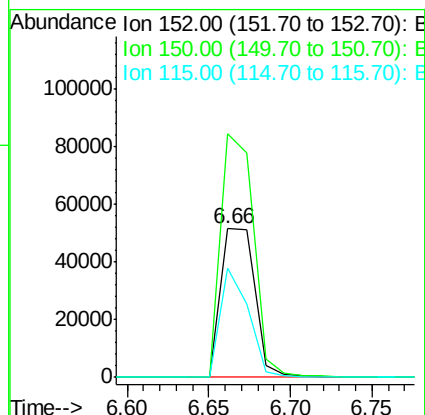
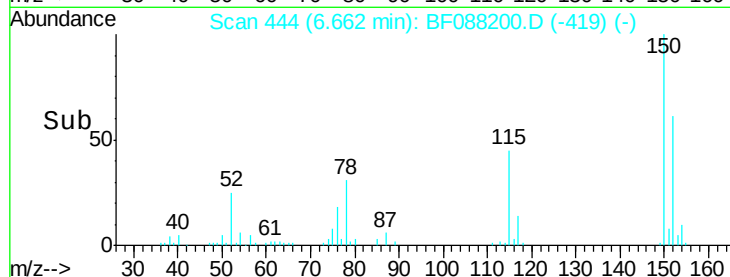
115 73.2 39.6 59.4#



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: 130.66 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

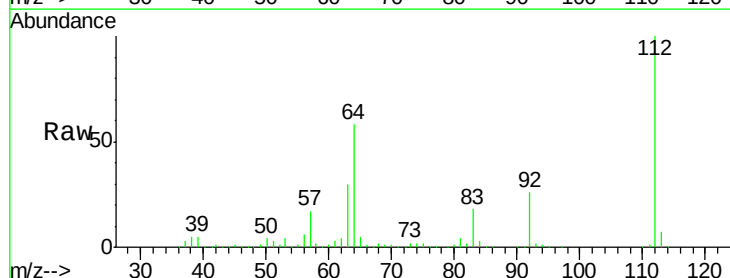
Tgt Ion:112 Resp: 567328

Ion Ratio Lower Upper

112 100

64 58.4 42.2 63.2

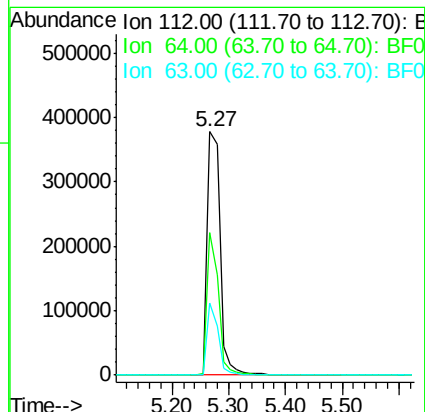
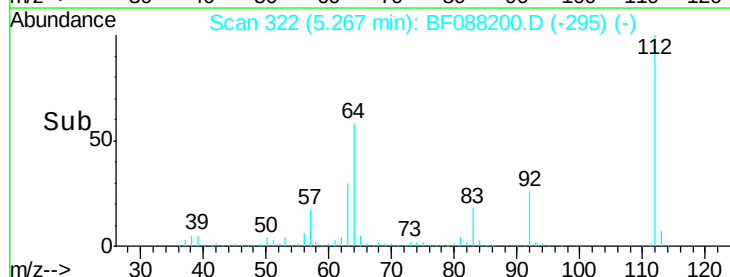
63 29.8 21.8 32.8

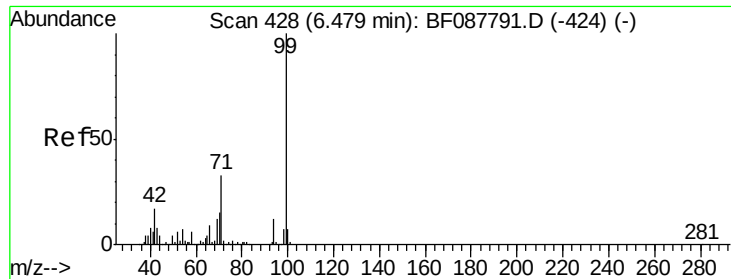


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.08 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

Instrument :

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PL-UP3-COMP

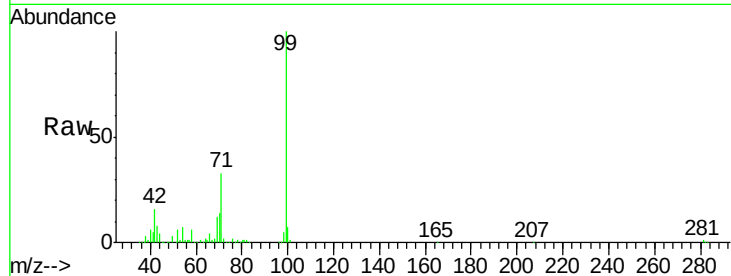
Tot Ion: 99 Resp: 626586

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

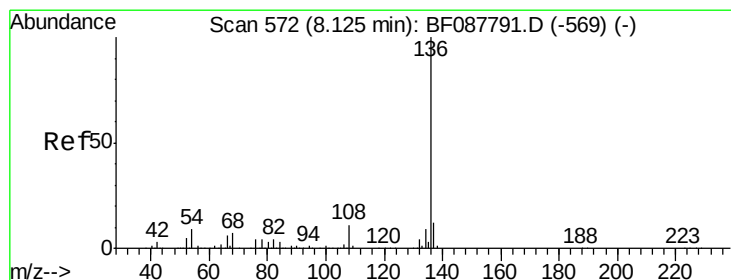
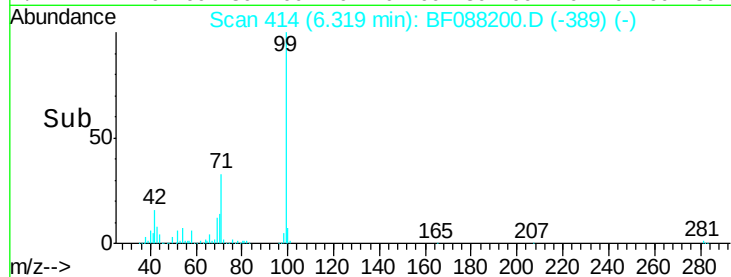
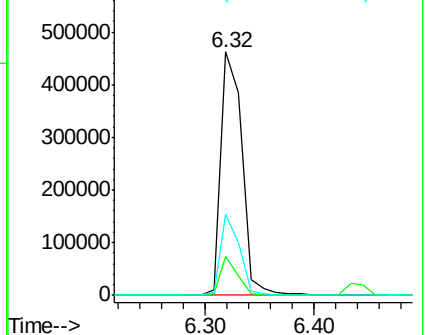
71 33.4 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

Tgt Ion: 136 Resp: 307082

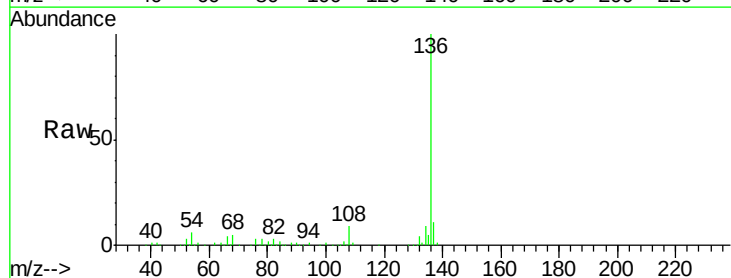
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7#

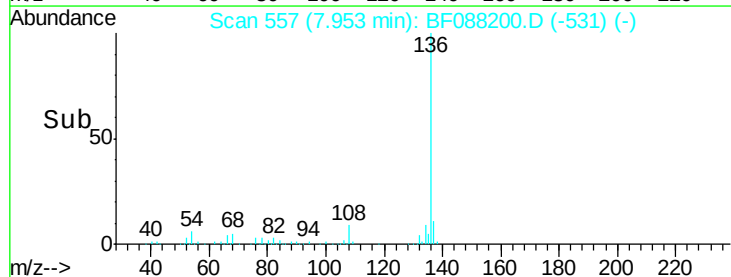
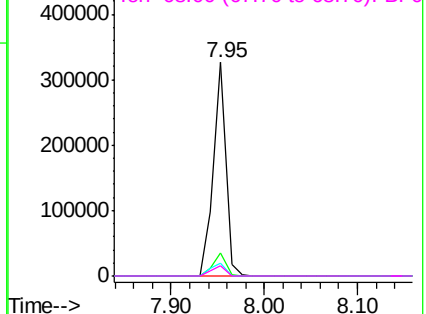


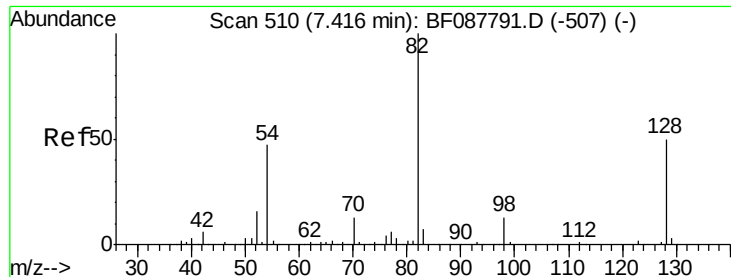
Abundance Ion 136.00 (135.70 to 136.70): E

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

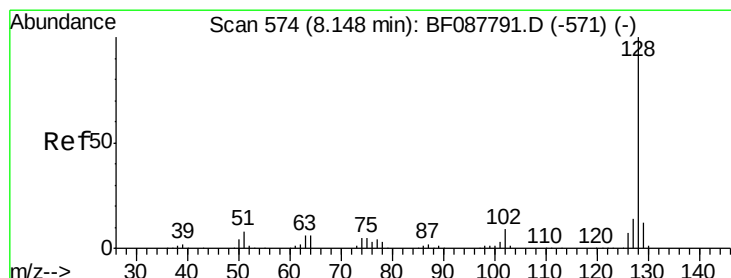
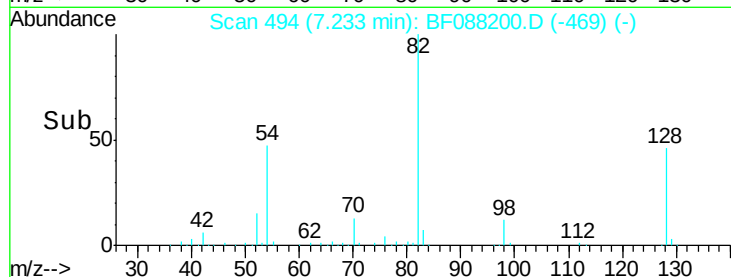
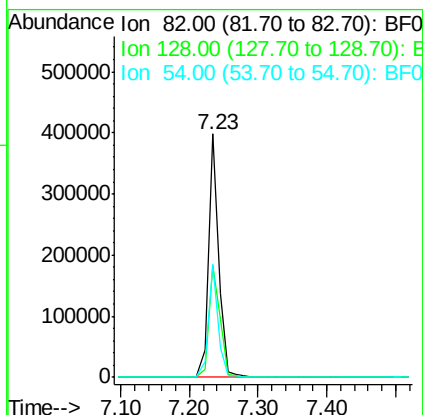
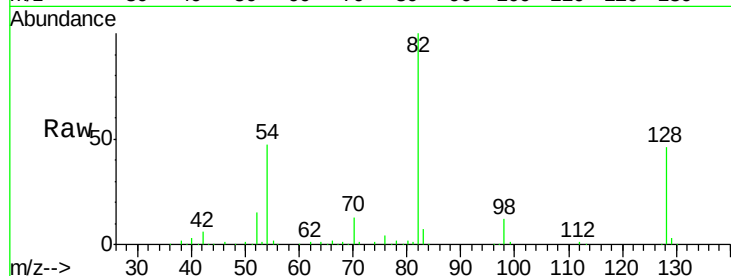




#23
 Nitrobenzene-d5
 Concen: 78.46 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088200.D
 Acq: 21 Jun 2016 5:36

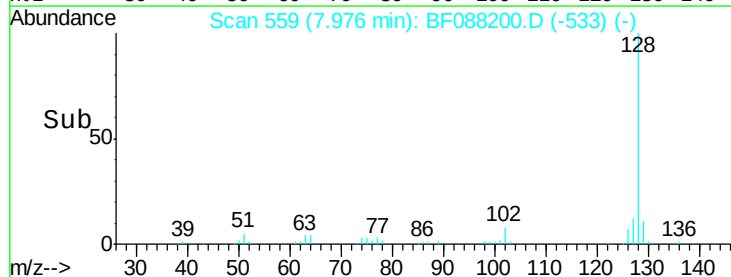
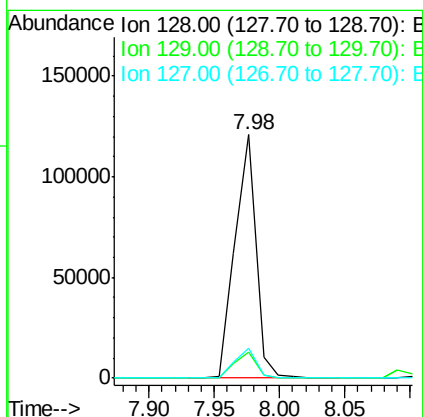
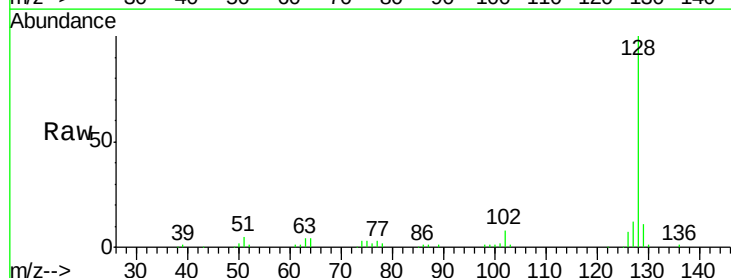
Instrument :
 BNA_F
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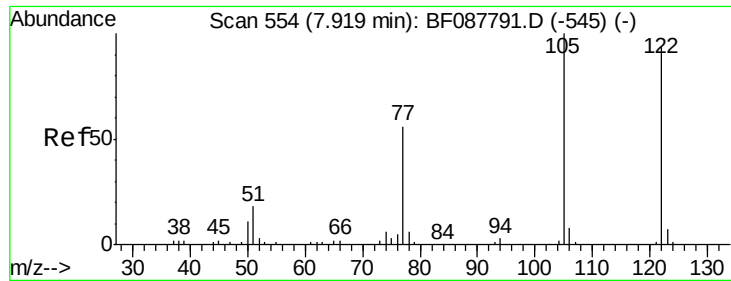
Tot Ion: 82 Resp: 412615
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 46.6 40.9 61.3



#31
 Naphthalene
 Concen: 8.84 ng
 RT: 7.98 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF088200.D
 Acq: 21 Jun 2016 5:36

Tgt Ion: 128 Resp: 134409
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.4 14.2
 127 12.5 10.9 16.3

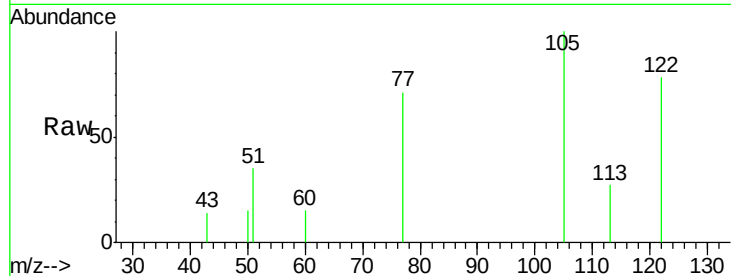




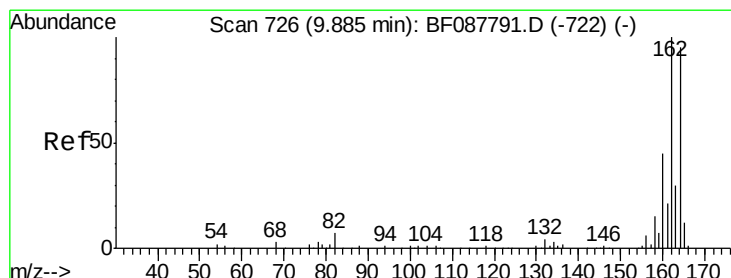
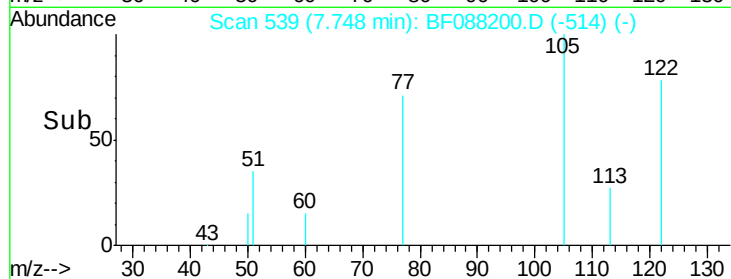
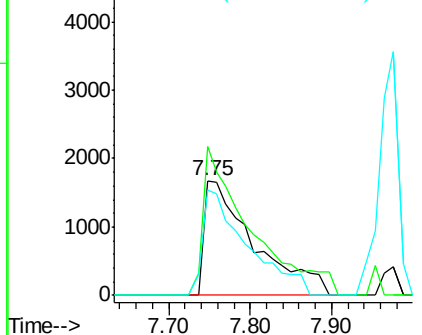
#32
Benzoic acid
Concen: 2.59 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088200.D
Acq: 21 Jun 2016 5:36

Instrument :
BNA_F
ClientSampleId :
PL-UP3-COMP

Tot Ion:122 Resp: 7152
Ion Ratio Lower Upper
122 100
105 129.0 101.6 141.6
77 91.8 70.6 110.6

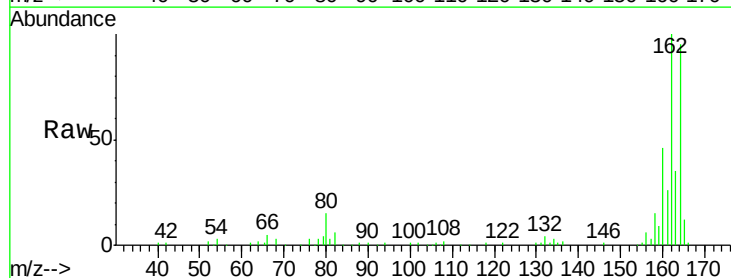


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

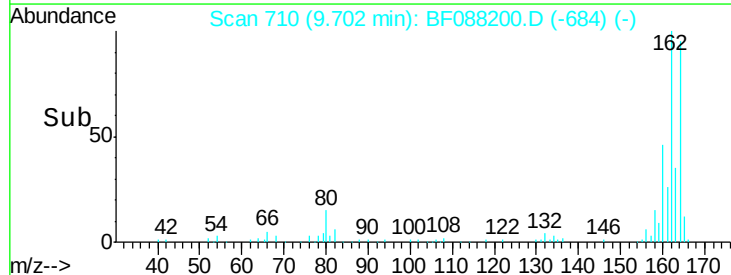
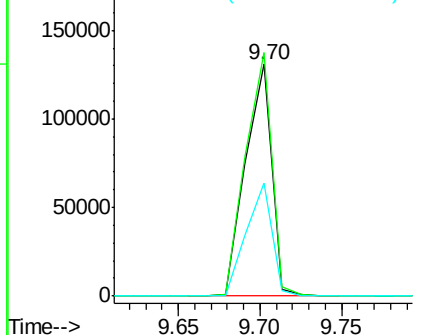


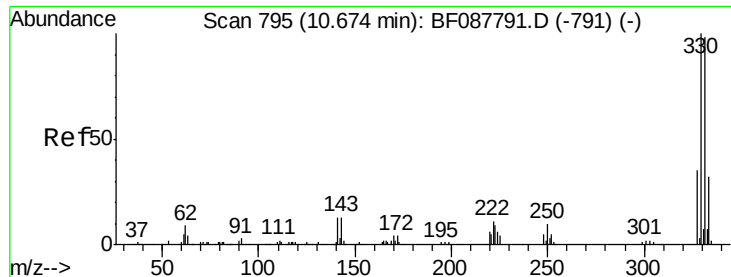
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF088200.D
Acq: 21 Jun 2016 5:36

Tgt Ion:164 Resp: 144492
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 48.6 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

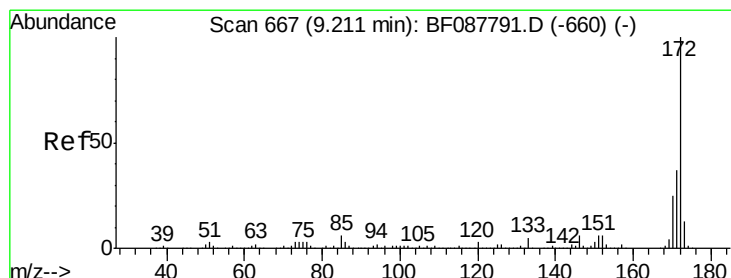
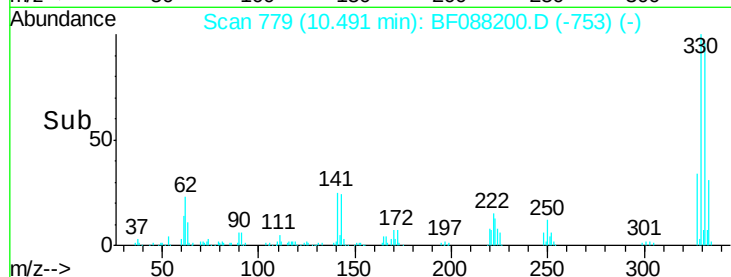
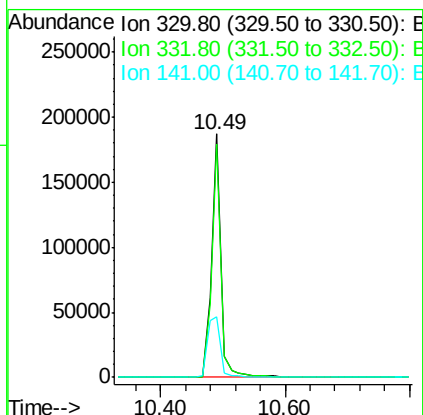
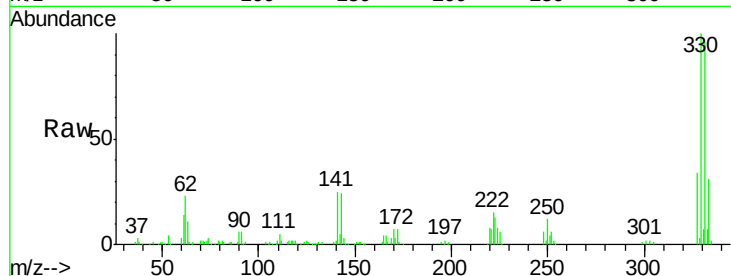




#41
 2,4,6-Tribromophenol
 Concen: 128.33 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF088200.D
 Acq: 21 Jun 2016 5:36

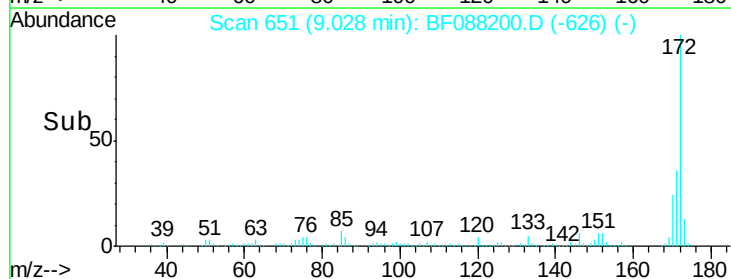
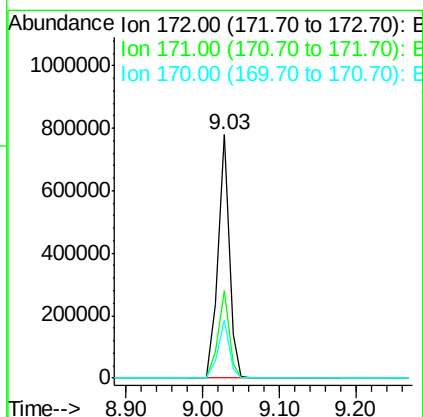
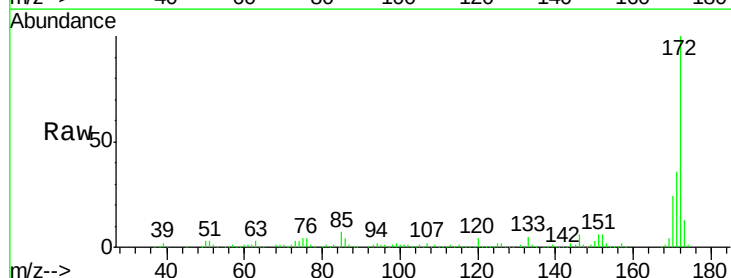
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP3-COMP

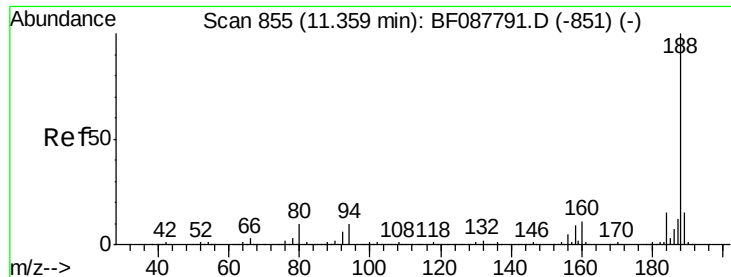
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	35.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.39 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088200.D
 Acq: 21 Jun 2016 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.2	28.8

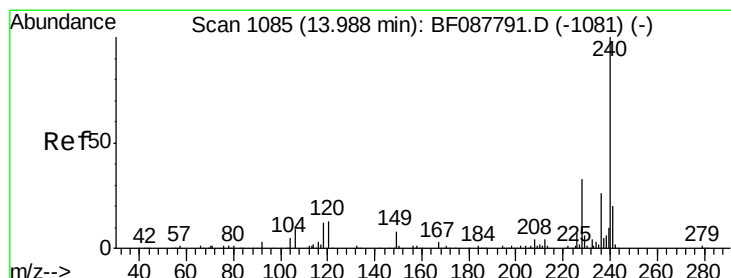
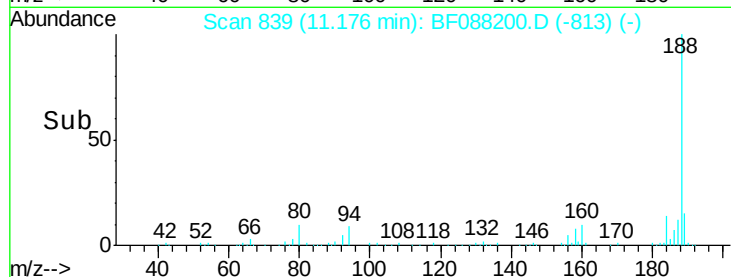
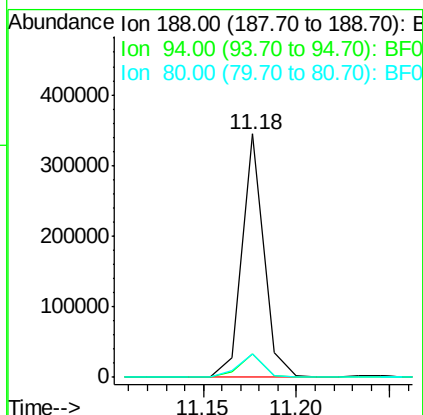
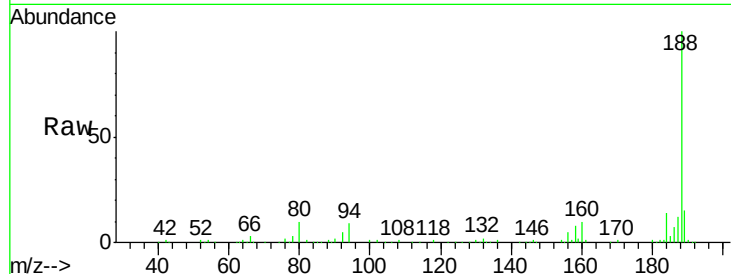




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF088200.D
Acq: 21 Jun 2016 5:36

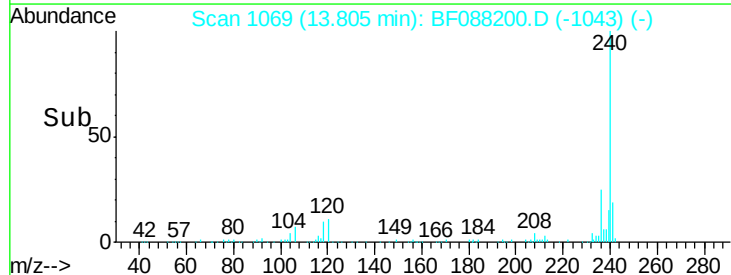
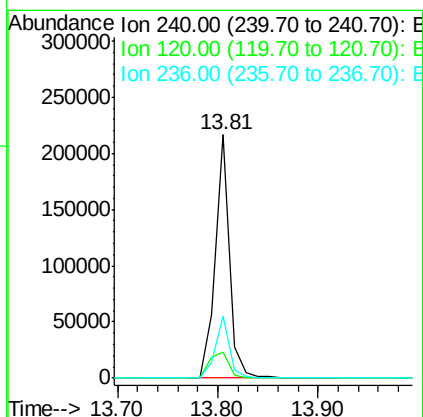
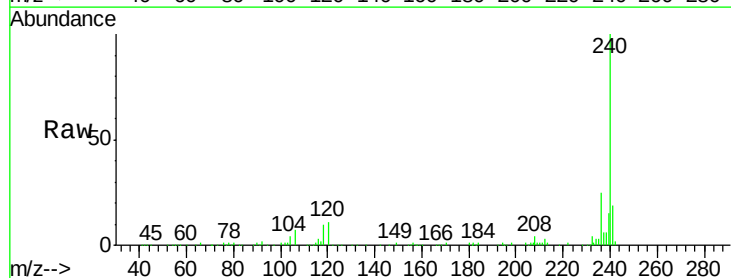
Instrument :
BNA_F
ClientSampleId :
PL-UP3-COMP

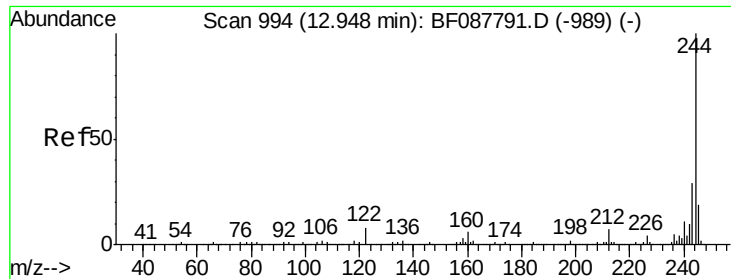
Tot Ion:188 Resp: 283175
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.6
80 9.6 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088200.D
Acq: 21 Jun 2016 5:36

Tgt Ion:240 Resp: 212711
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 25.3 20.2 30.2





#78

Terphenyl-d14

Concen: 92.64 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

Instrument :

BNA_F

ClientSampleId :

PL-UP3-COMP

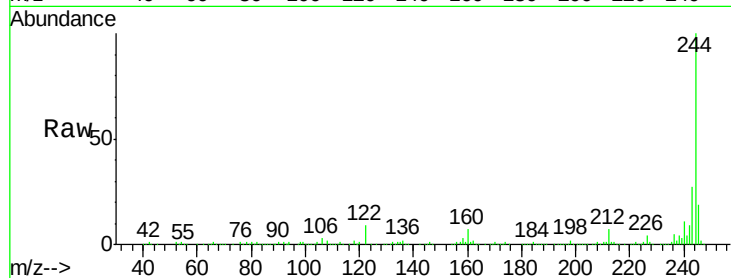
Tot Ion:244 Resp: 865966

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

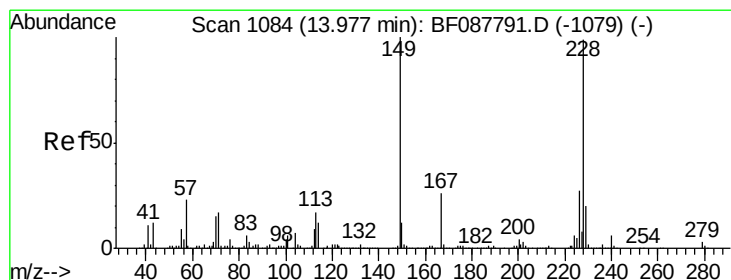
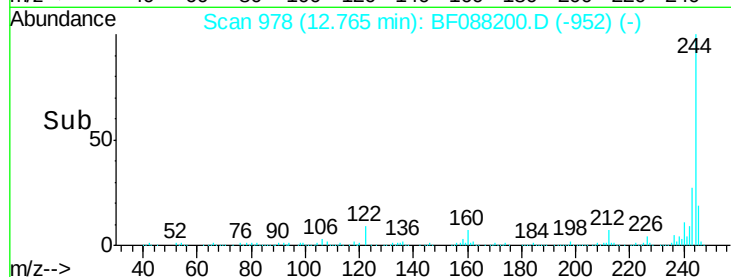
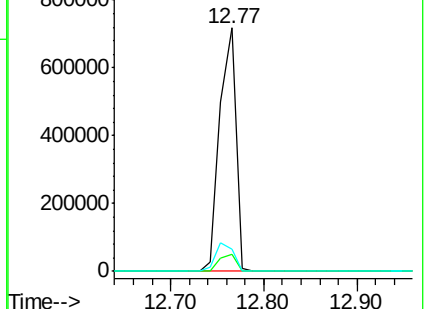
122 9.0 11.2 16.8#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.11 ng

RT: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF088200.D

Acq: 21 Jun 2016 5:36

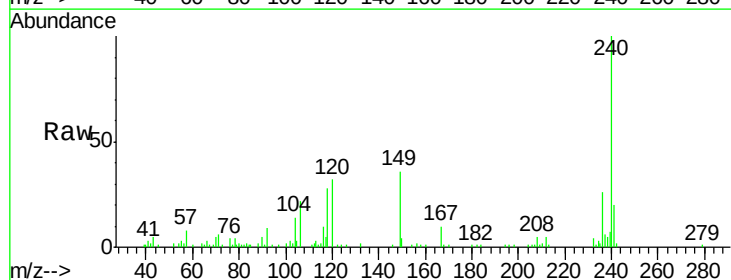
Tgt Ion:149 Resp: 17941

Ion Ratio Lower Upper

149 100

167 26.6 20.5 30.7

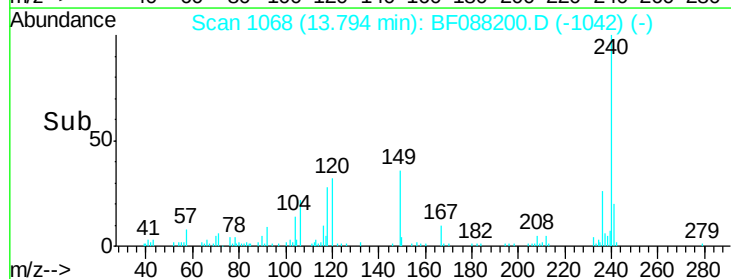
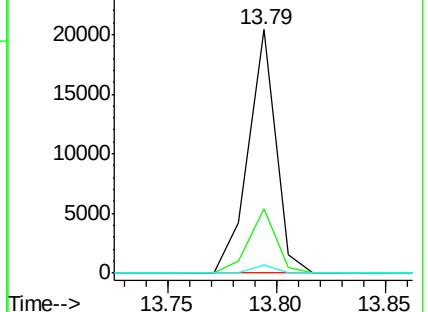
279 3.2 2.0 3.0#

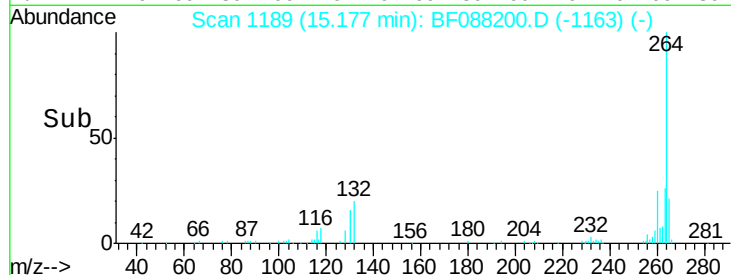
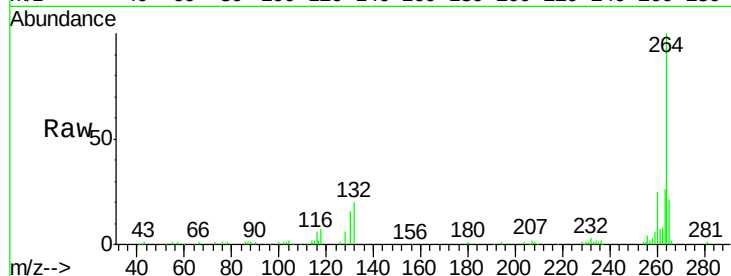
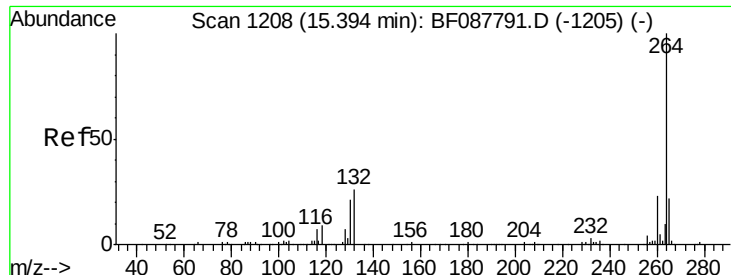


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF088200.D
 Acq: 21 Jun 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP3-COMP

Tot Ion:	264	Resp:	102135
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	20.8	16.9	25.3

