

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088213.D
 Acq On : 21 Jun 2016 11:52
 Operator : UM/SJ
 Sample : H3580-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 13:10:51 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

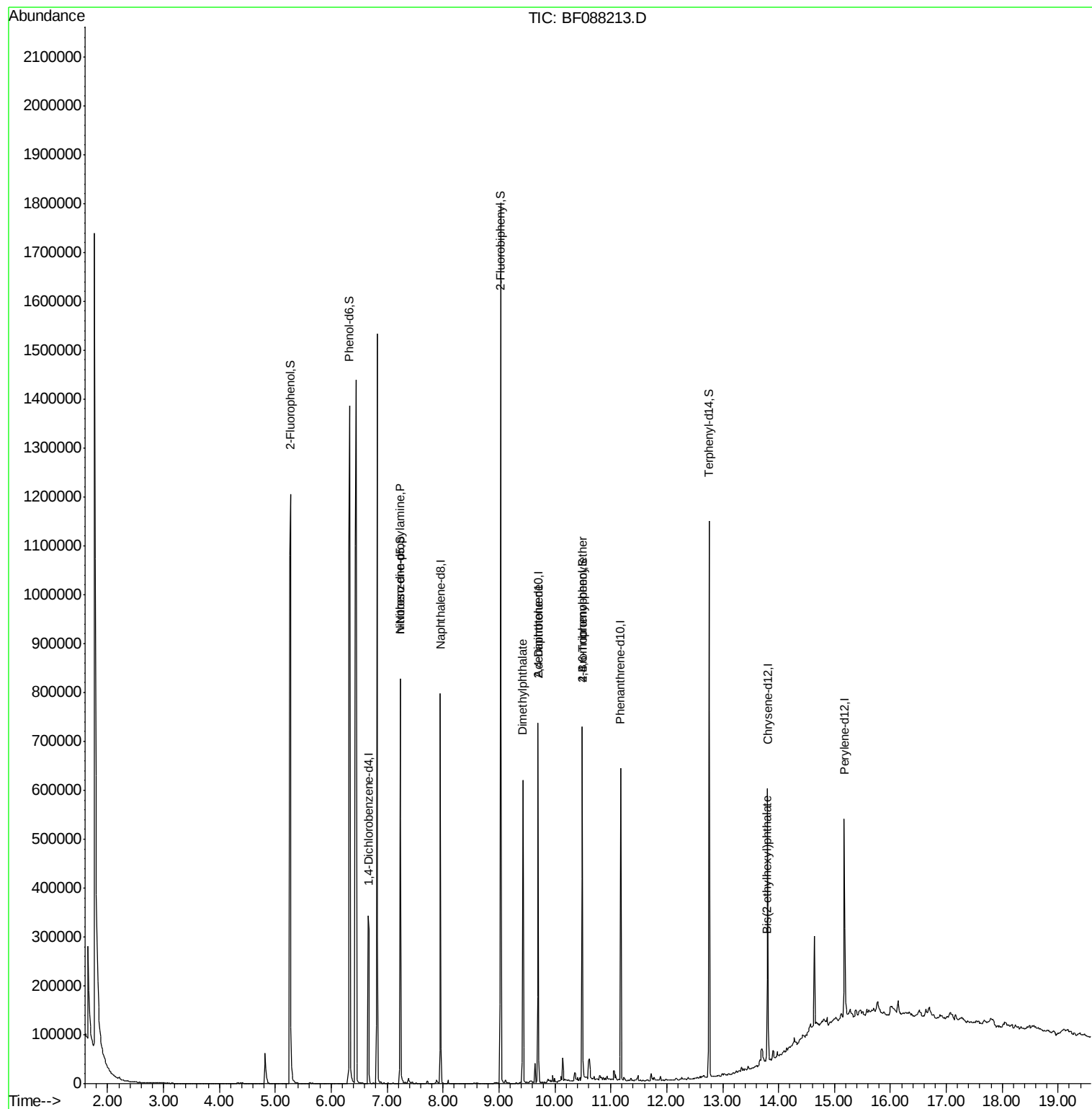
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	81901	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	340998	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	142783	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	216535	20.00	ng	0.00
75) Chrysene-d12	13.81	240	180482	20.00	ng	0.00
86) Perylene-d12	15.18	264	166453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	550305	114.87	ng	0.01
7) Phenol-d6	6.33	99	697022	120.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	350914	60.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	105274	69.83	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	674531	73.46	ng	-0.01
78) Terphenyl-d14	12.75	244	453540	57.18	ng	-0.01
Target Compounds						
10) Phenol	6.34	94	5800	Below Cal		Qvalue 79
19) n-Nitroso-di-n-propylamine	7.23	70	44222	11.91 ng	#	72
45) 1,1'-Biphenyl	9.03	154	1194	Below Cal	#	1
49) Dimethylphthalate	9.43	163	238690	23.08 ng		99
56) 2,4-Dinitrotoluene	9.70	165	18249	5.99 ng	#	36
57) Fluorene	10.49	166	5328	Below Cal	#	89
66) 4-Bromophenyl-phenylether	10.49	248	7144	3.08 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.79	149	14820	2.06 ng	#	98

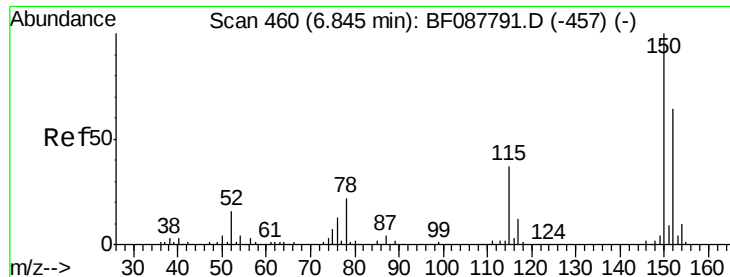
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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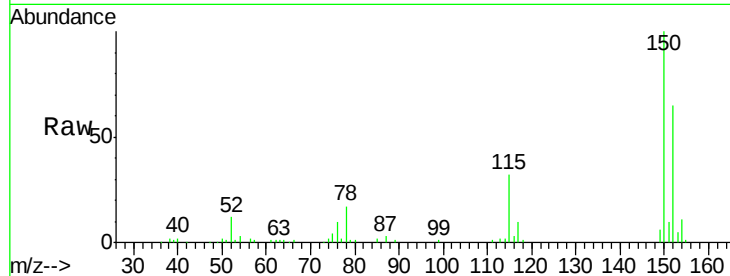


#1

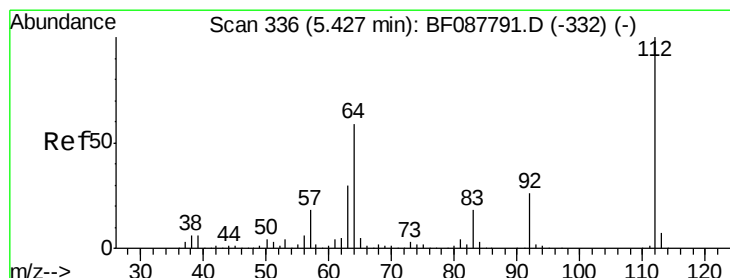
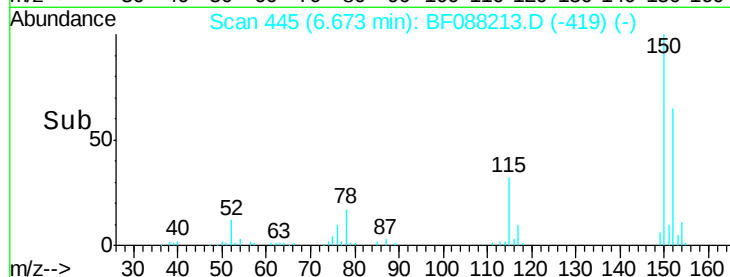
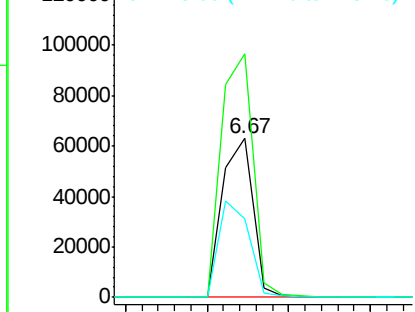
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81901
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 49.7 39.6 59.4



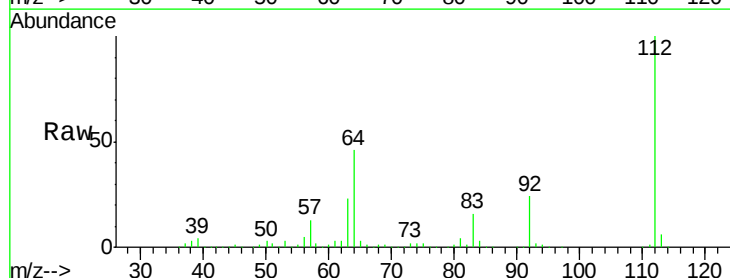
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



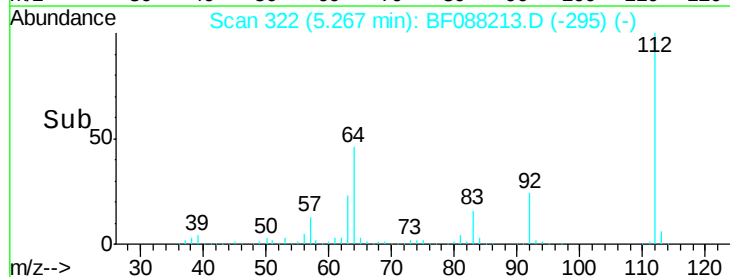
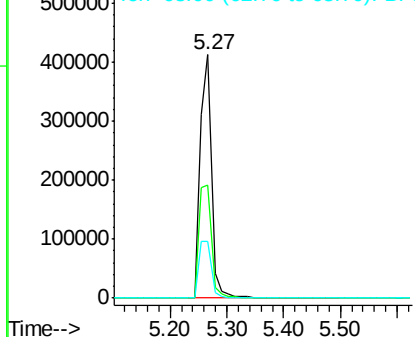
#5

2-Fluorophenol
Concen: 114.87 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:112 Resp: 550305
Ion Ratio Lower Upper
112 100
64 46.4 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: 120.05 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

BNA_F

ClientSampleId :

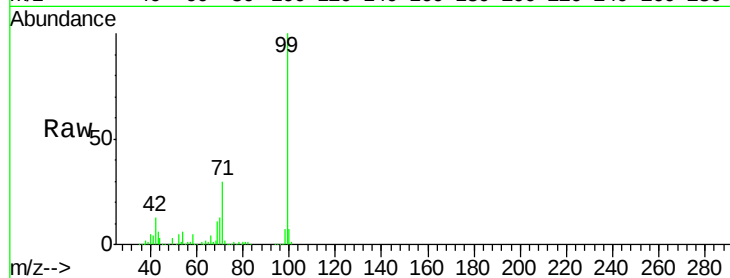
Tot Ion: 99 Resp: 697022

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

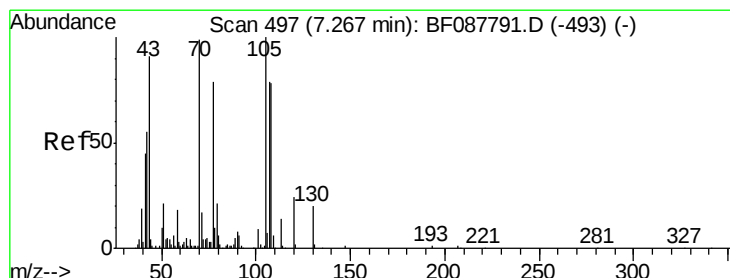
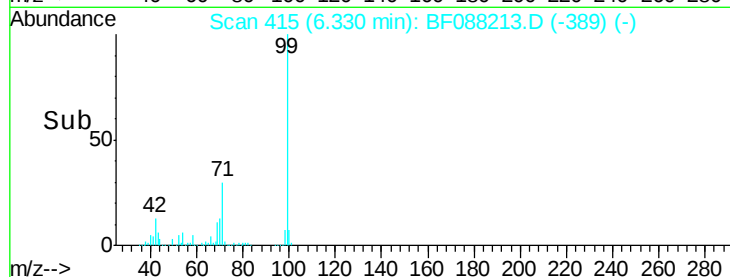
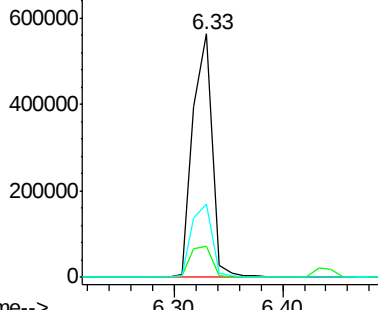
71 30.0 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.91 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.14 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Tgt Ion: 70 Resp: 44222

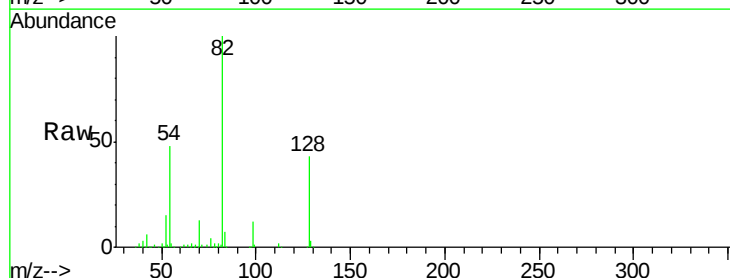
Ion Ratio Lower Upper

70 100

42 42.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

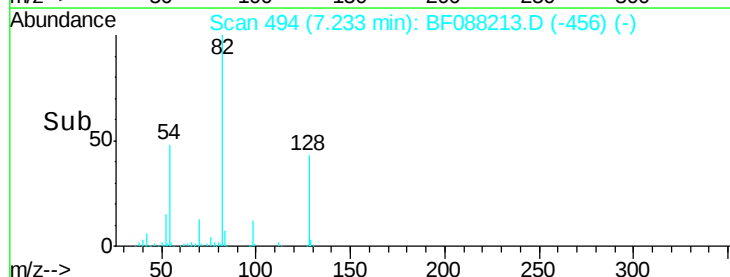
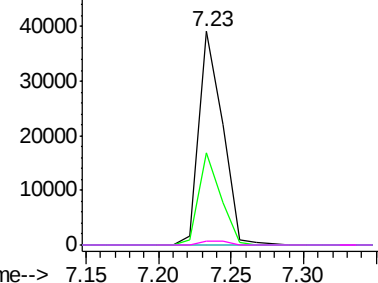


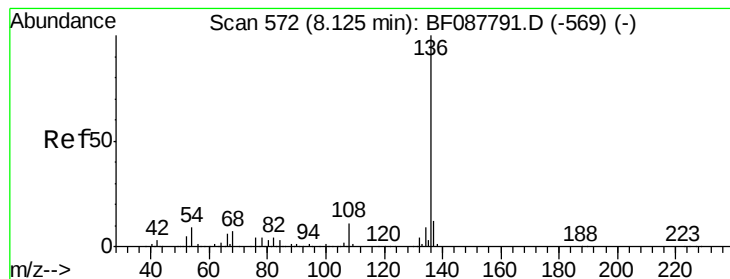
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 340998

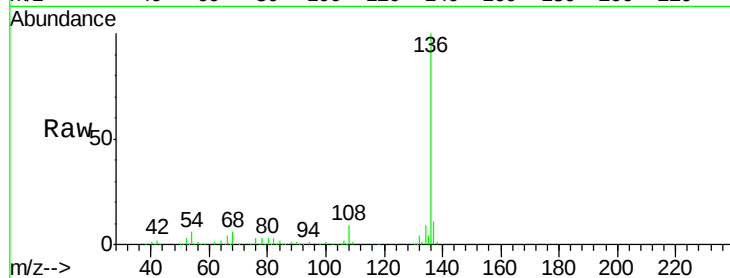
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.5 6.6 10.0#

68 5.5 5.1 7.7

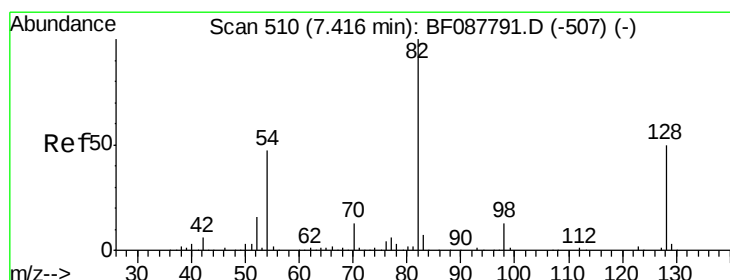
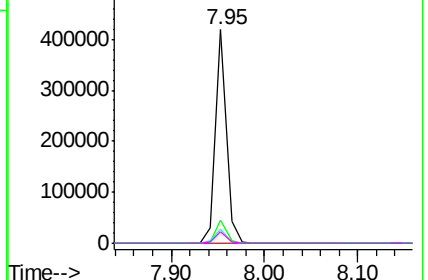
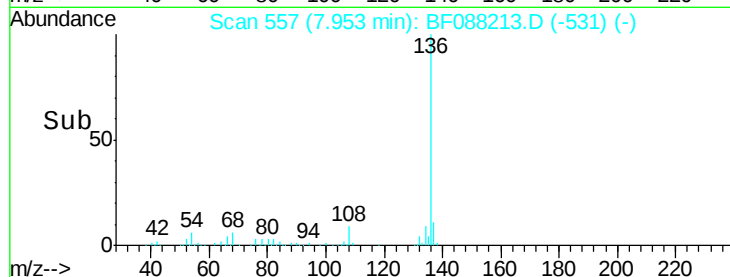


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.09 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

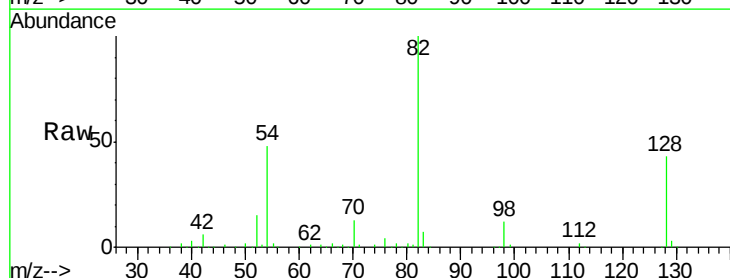
Tgt Ion: 82 Resp: 350914

Ion Ratio Lower Upper

82 100

128 43.3 35.9 53.9

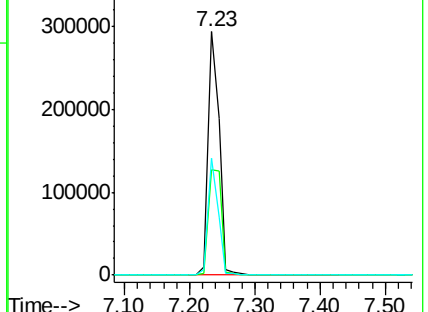
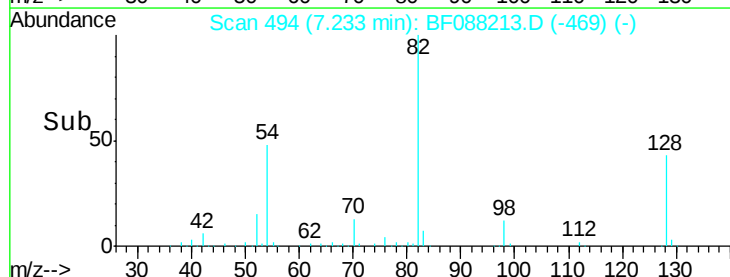
54 48.2 40.9 61.3

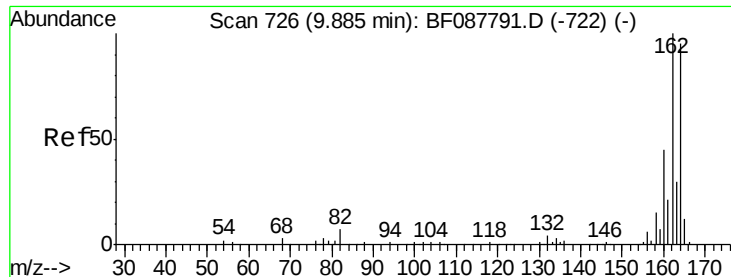


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

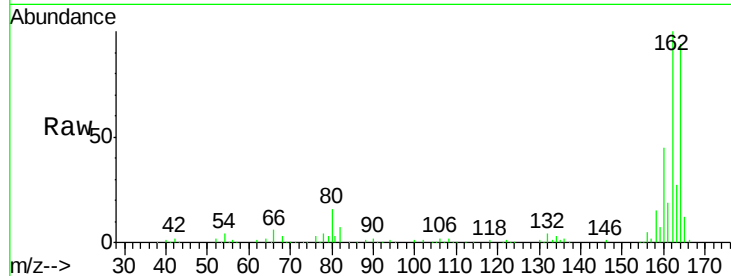




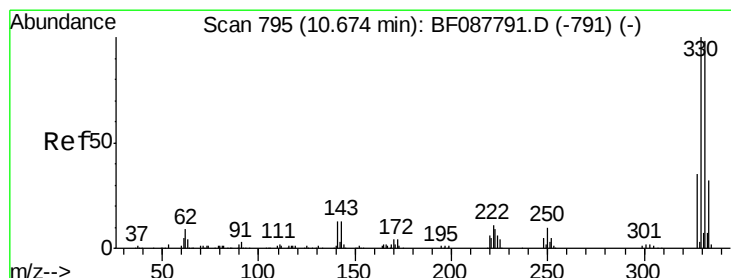
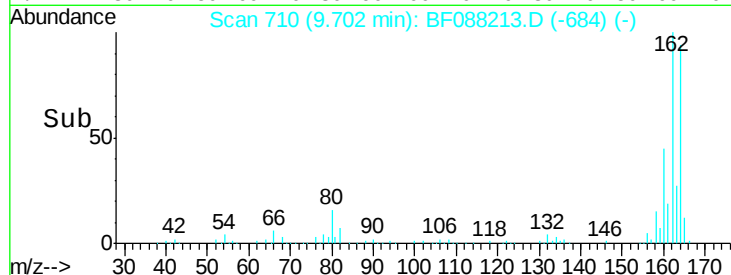
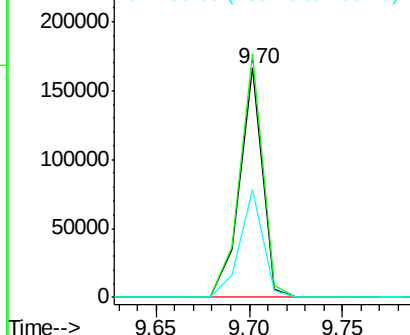
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 142783
Ion Ratio Lower Upper
164 100
162 106.2 85.4 128.2
160 47.3 39.5 59.3

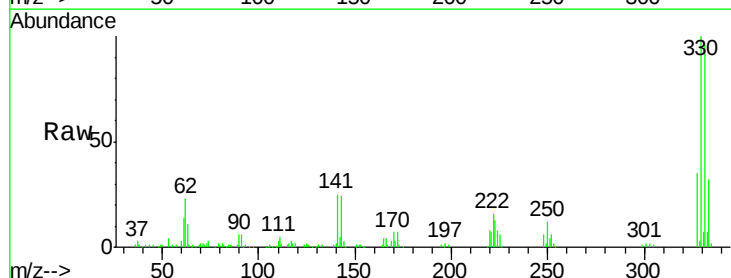


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

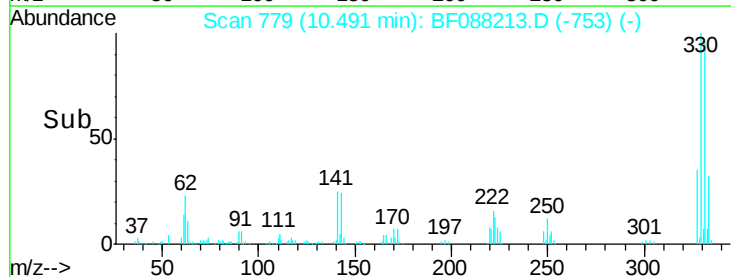
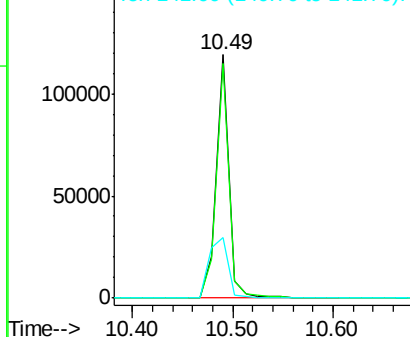


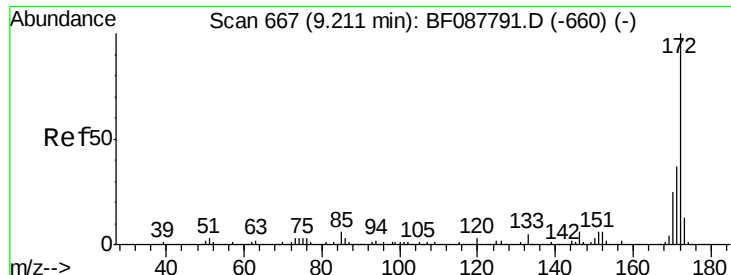
#41
2,4,6-Tribromophenol
Concen: 69.83 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:330 Resp: 105274
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 37.2 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

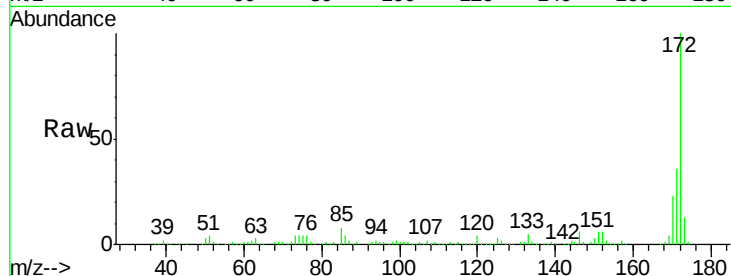




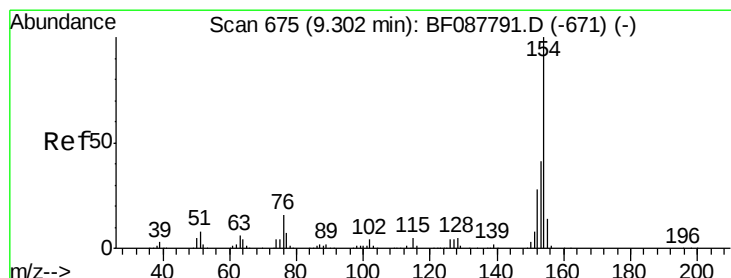
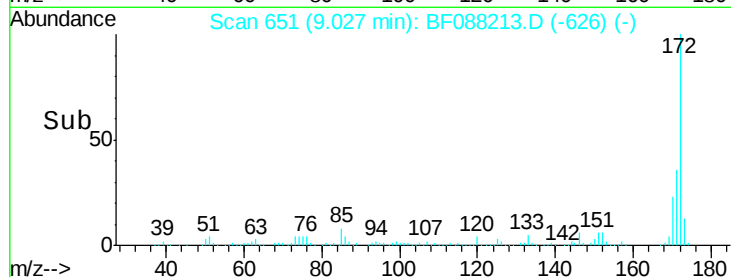
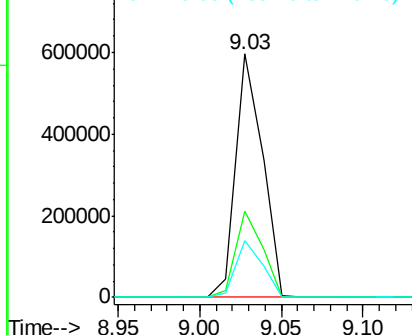
#44
2-Fluorobiphenyl
Concen: 73.46 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 674531
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 19.2 28.8

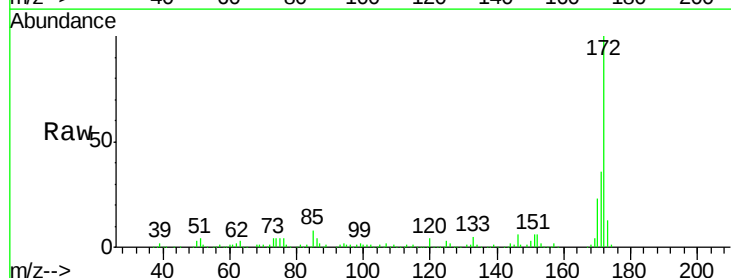


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

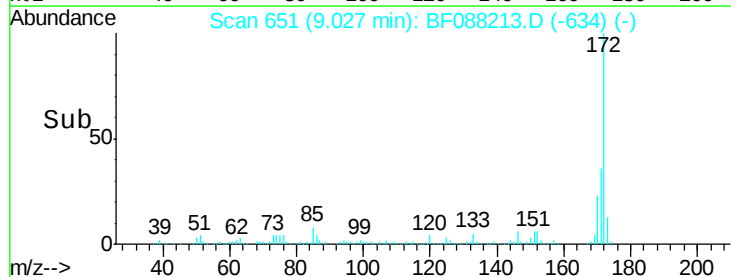
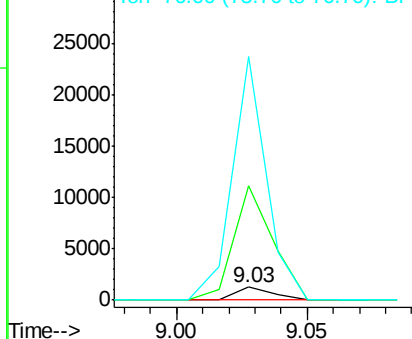


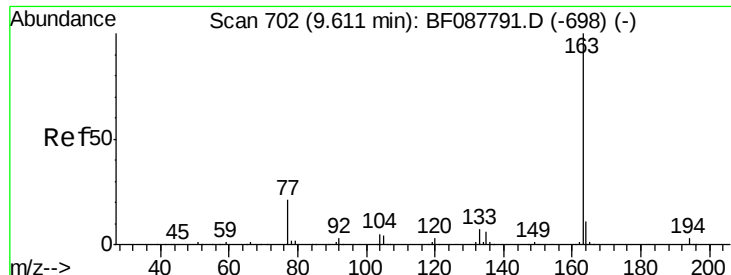
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.03 min Scan# 651
Delta R.T. -0.10 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:154 Resp: 1194
Ion Ratio Lower Upper
154 100
153 885.6 20.6 60.6#
76 1877.9 0.0 35.1#



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

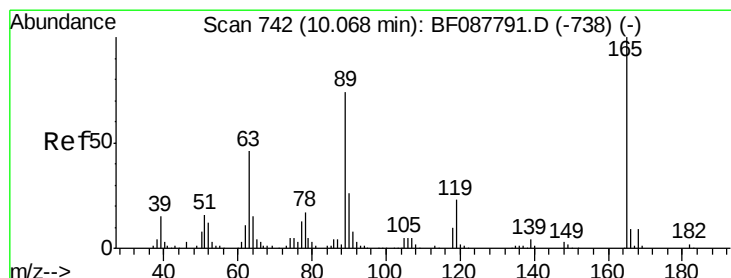
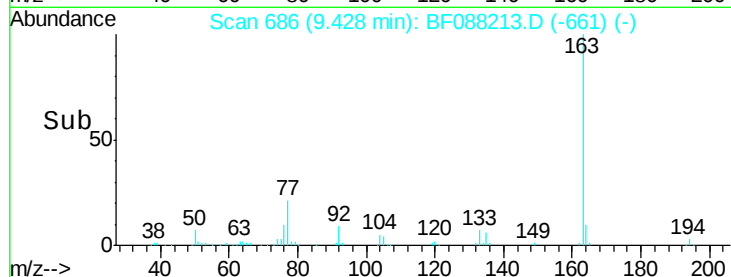
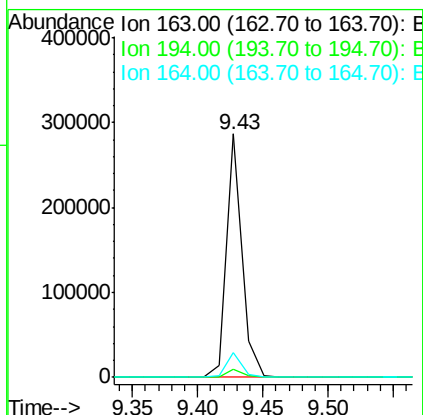
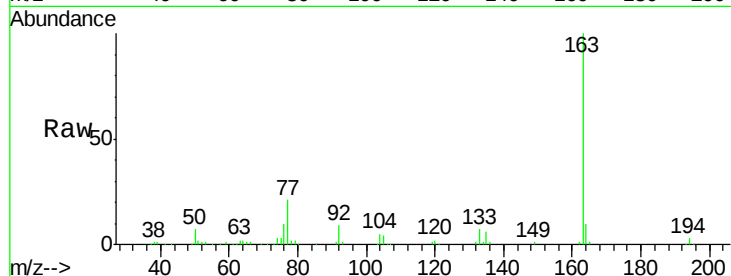




#49
Dimethylphthalate
Concen: 23.08 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

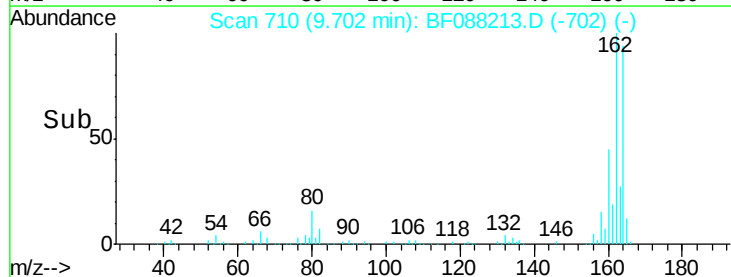
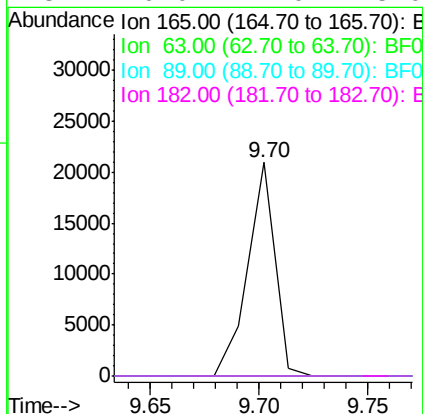
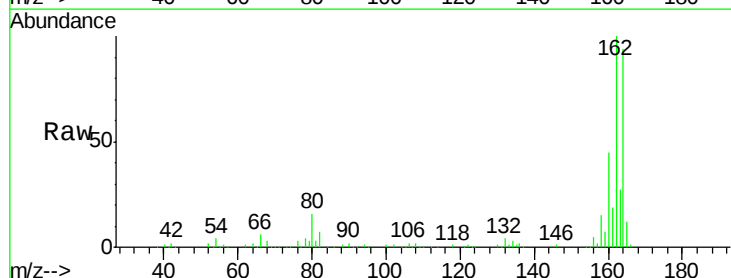
Instrument :
BNA_F
ClientSampleId :

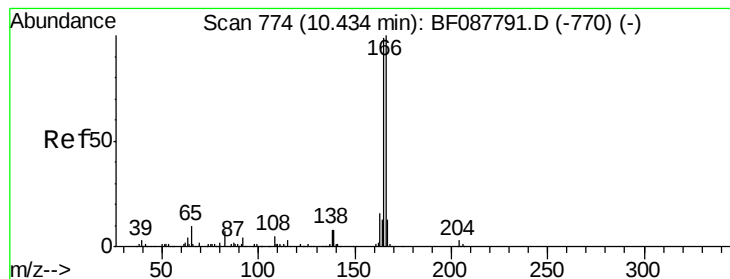
Tot Ion:163 Resp: 238690
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:165 Resp: 18249
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#





#57

Fluorene

Concen: Below Cal

RT: 10.49 min Scan# 779

Delta R.T. 0.24 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

BNA_F

ClientSampleId :

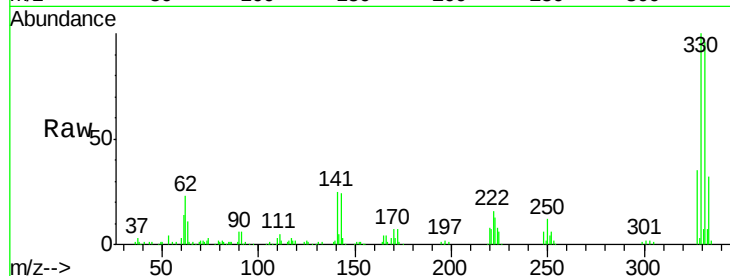
Tot Ion:166 Resp: 5328

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.8

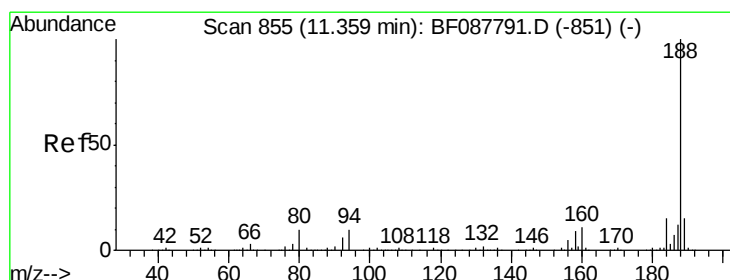
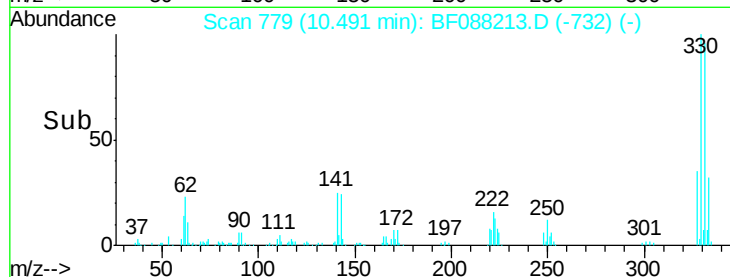
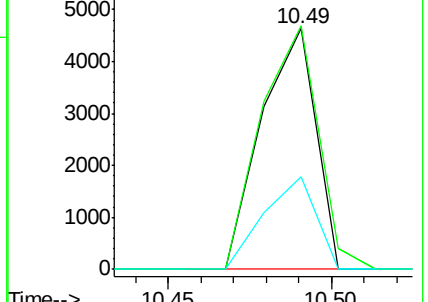
167 38.2 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

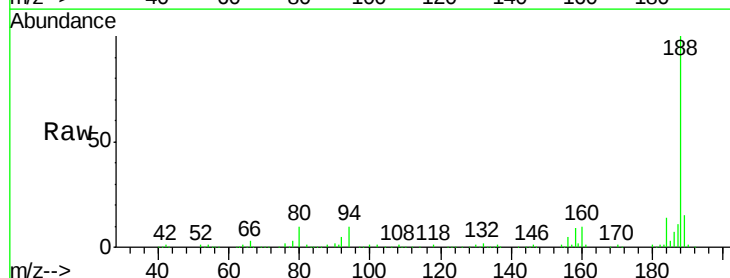
Tgt Ion:188 Resp: 216535

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.6

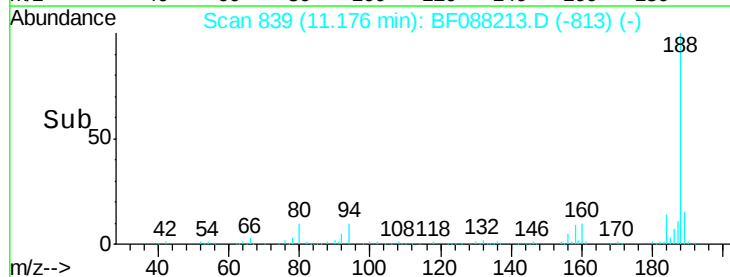
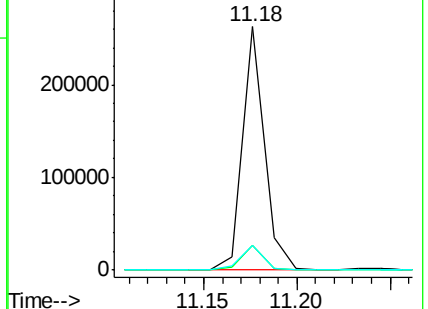
80 10.3 10.0 15.0

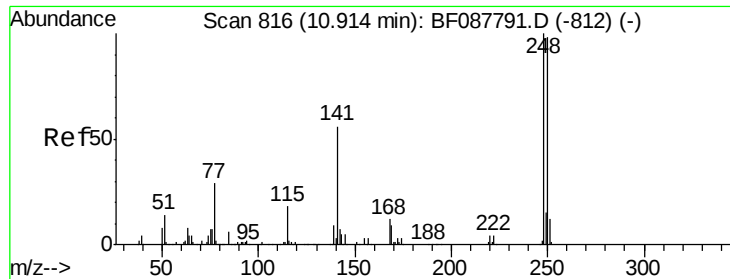


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

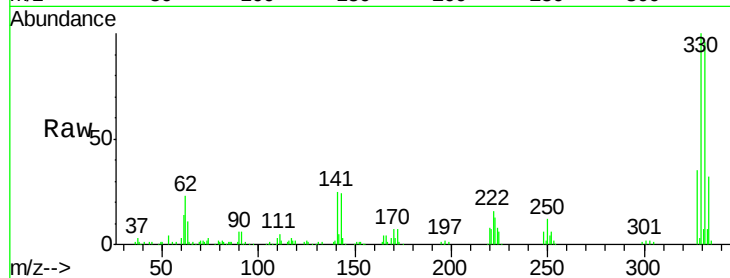




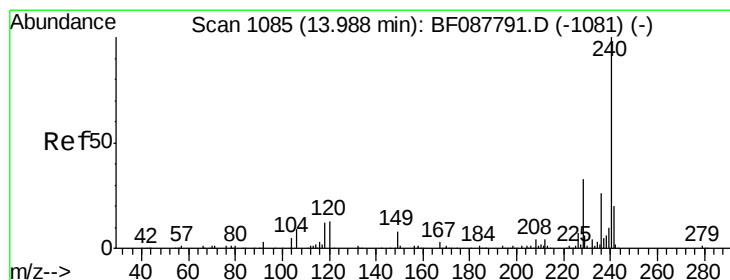
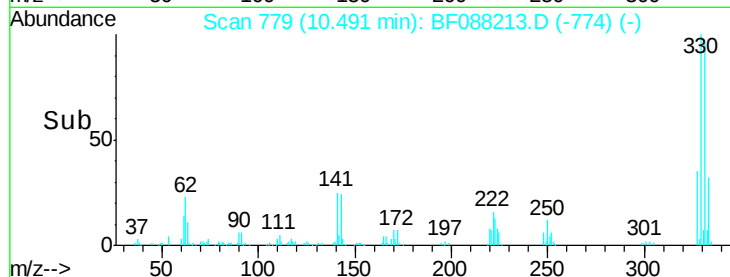
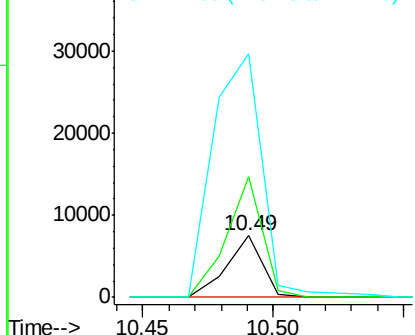
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7144
Ion Ratio Lower Upper
248 100
250 196.4 77.1 115.7#
141 394.0 50.6 76.0#

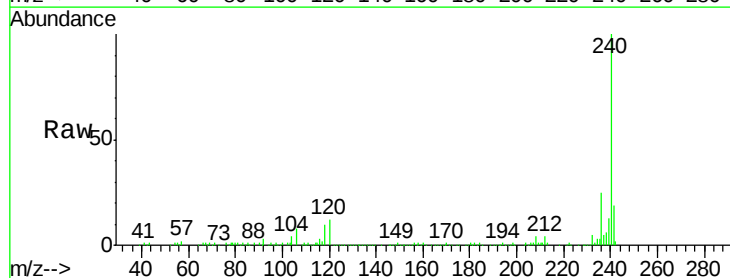


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

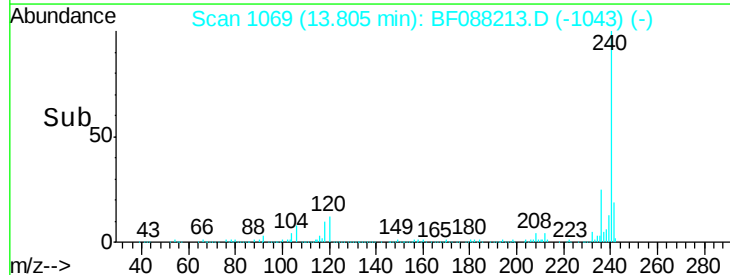
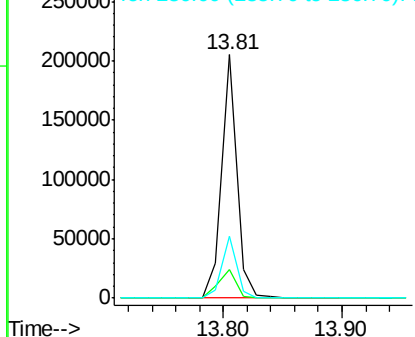


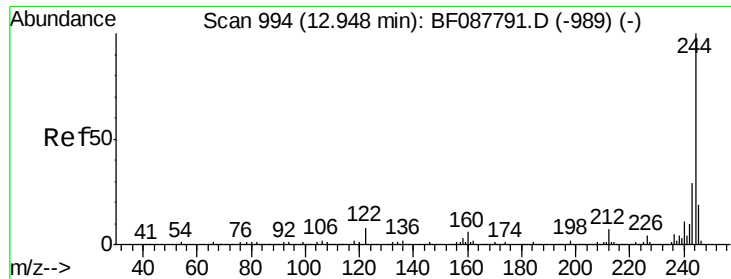
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:240 Resp: 180482
Ion Ratio Lower Upper
240 100
120 12.0 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

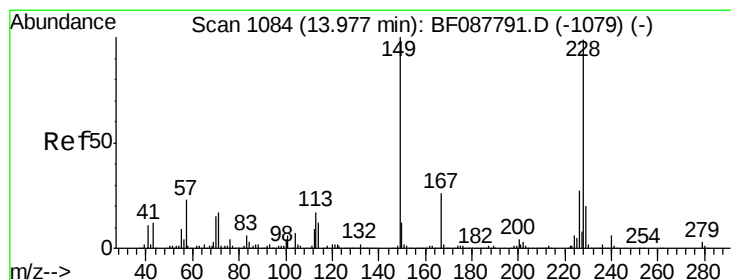
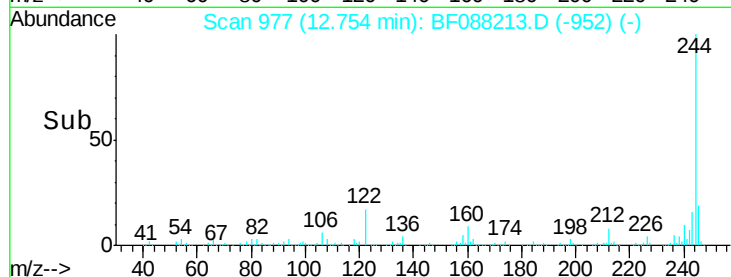
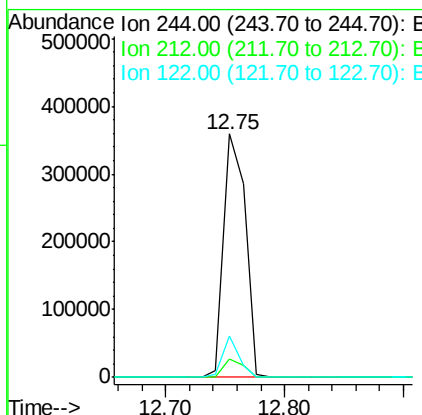
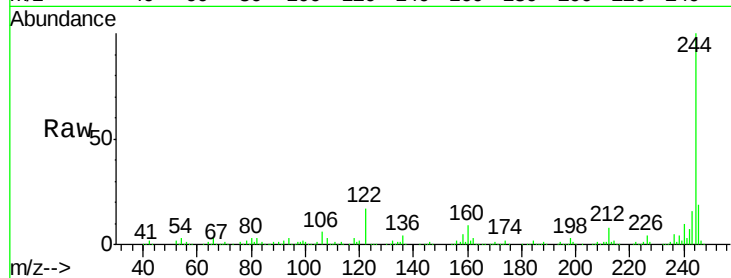




#78
 Terphenyl-d14
 Concen: 57.18 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088213.D
 Acq: 21 Jun 2016 11:52

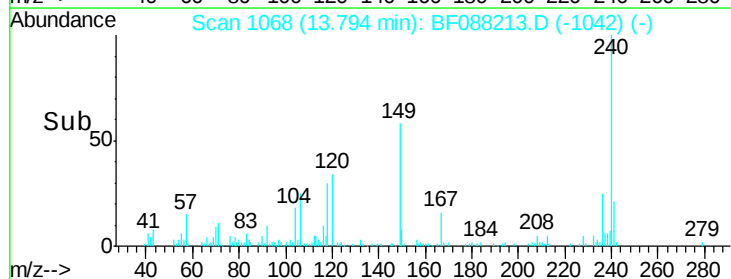
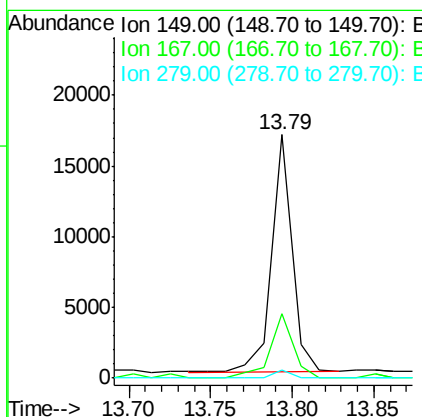
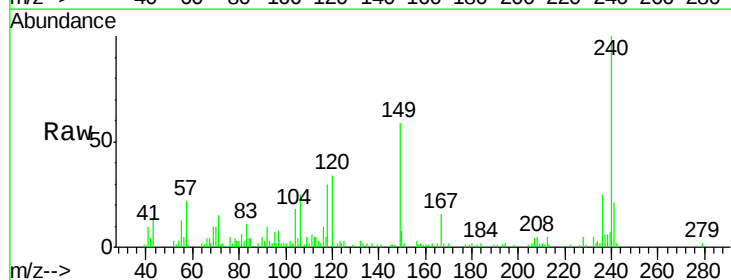
Instrument :
 BNA_F
 ClientSampled :

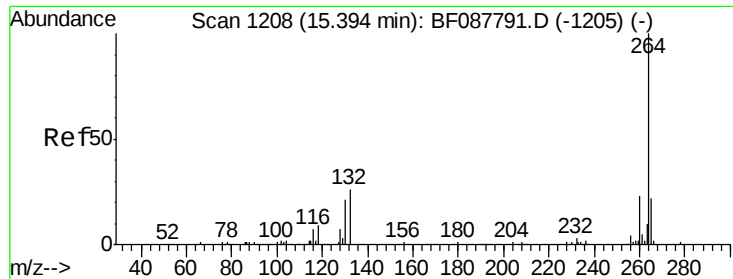
Tot Ion:244 Resp: 453540
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 16.9 11.2 16.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.06 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088213.D
 Acq: 21 Jun 2016 11:52

Tgt Ion:149 Resp: 14820
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.5 30.7
 279 3.1 2.0 3.0#

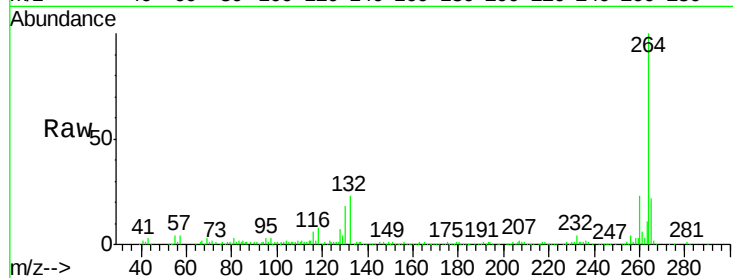




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088213.D
 Acq: 21 Jun 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.3	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

