

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087212.D
 Acq On : 20 May 2016 5:11
 Operator : UM/SJ
 Sample : H3132-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)

Quant Time: May 20 09:58:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:47:59 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

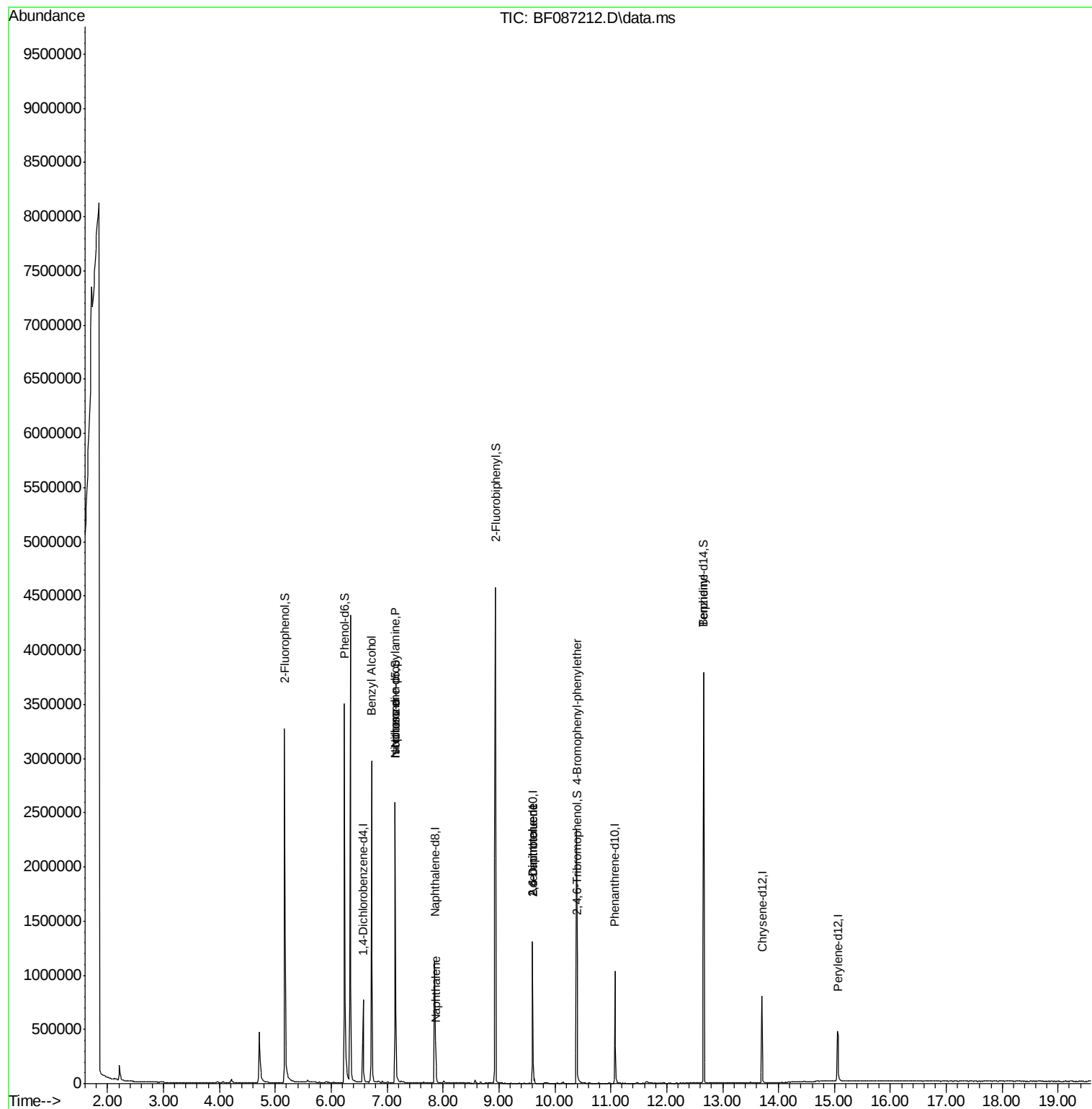
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.570	152	125258	20.00	ng	-0.03	
21) Naphthalene-d8	7.850	136	503946	20.00	ng	-0.05	
38) Acenaphthene-d10	9.599	164	232436	20.00	ng	-0.05	
63) Phenanthrene-d10	11.073	188	376889	20.00	ng	-0.05	
75) Chrysene-d12	13.702	240	264472	20.00	ng	-0.06	
86) Perylene-d12	15.062	264	251760	20.00	ng	-0.05	
System Monitoring Compounds							
5) 2-Fluorophenol	5.164	112	944226	63.35	ng	-0.03	
7) Phenol-d6	6.239	99	1128882	56.47	ng	-0.05	
23) Nitrobenzene-d5	7.142	82	852447	42.15	ng	-0.05	
41) 2,4,6-Tribromophenol	10.399	330	333470	64.91	ng	-0.05	
44) 2-Fluorobiphenyl	8.936	172	1472616	52.46	ng	-0.05	
78) Terphenyl-d14	12.662	244	1099417	47.02	ng	-0.05	
Target Compounds							
15) Benzyl Alcohol	6.719	79	14909	2.00	ng		Qvalue
19) n-Nitroso-di-n-propyla...	7.142	70	120713	15.89	ng		# 43
25) Isophorone	7.142	82	746390	40.32	ng		# 72
31) Naphthalene	7.873	128	55687	2.26	ng		# 68
50) 2,6-Dinitrotoluene	9.599	165	29362	7.63	ng		# 99
56) 2,4-Dinitrotoluene	9.599	165	29362	5.95	ng		# 21
66) 4-Bromophenyl-phenylether	10.388	248	18753	4.84	ng		# 16
76) Benzidine	12.662	184	18105	2.77	ng		# 1

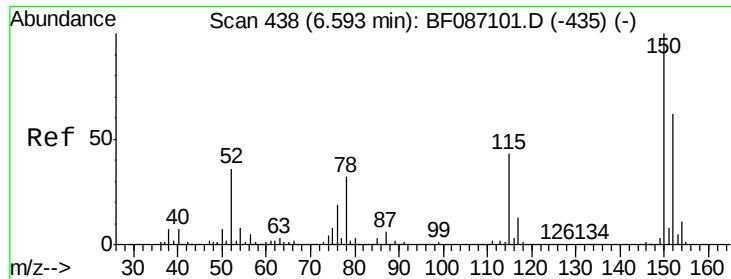
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.570 min Scan# 43

Delta R.T. -0.034 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)

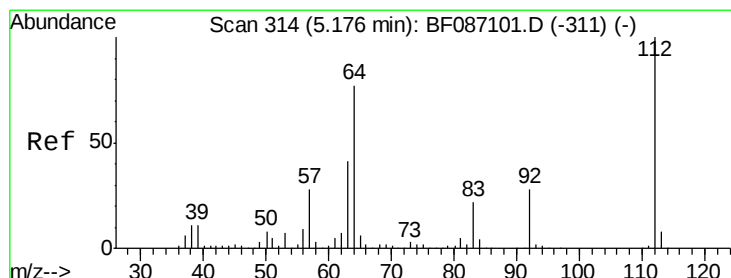
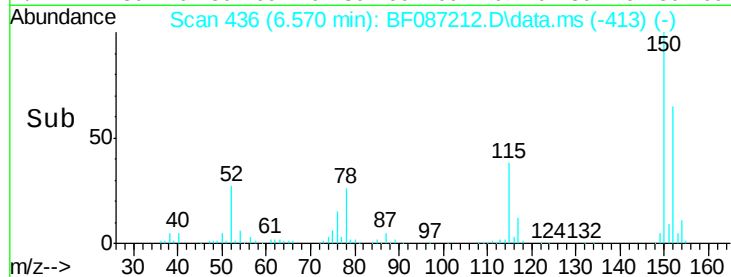
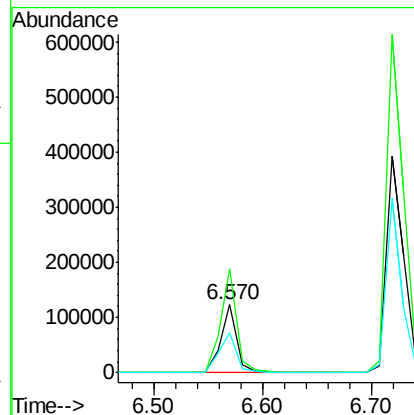
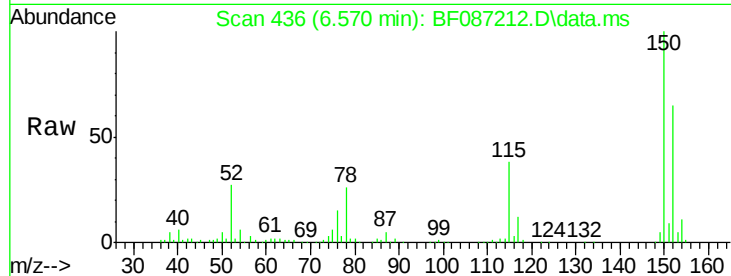
Tot Ion:152 Resp: 125258

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.6

115 59.2 51.5 77.3



#5

2-Fluorophenol

Concen: 63.35 ng

RT: 5.164 min Scan# 313

Delta R.T. -0.034 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

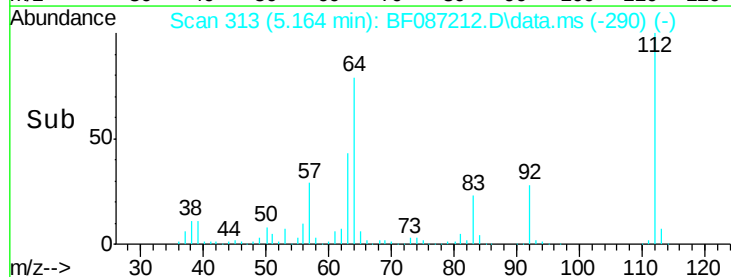
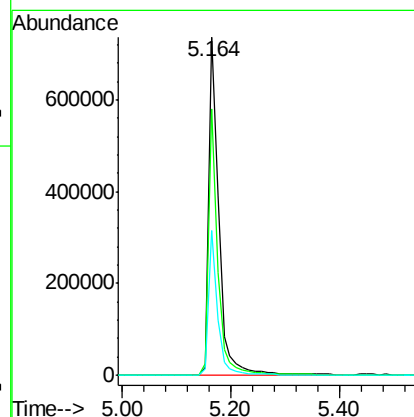
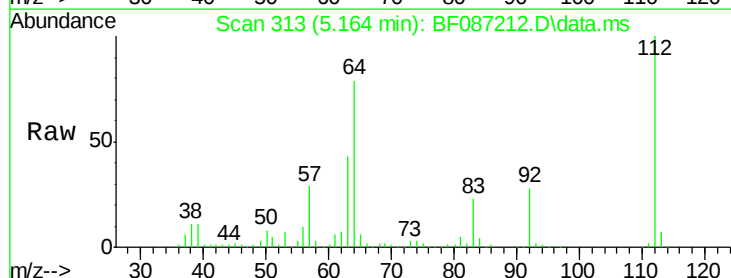
Tgt Ion:112 Resp: 944226

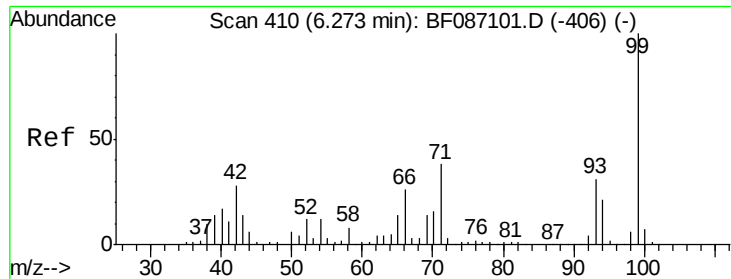
Ion Ratio Lower Upper

112 100

64 78.9 52.1 78.1#

63 43.0 25.7 38.5#





#7

Phenol-d6

Concen: 56.47 ng

RT: 6.239 min Scan# 40

Delta R.T. -0.046 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)

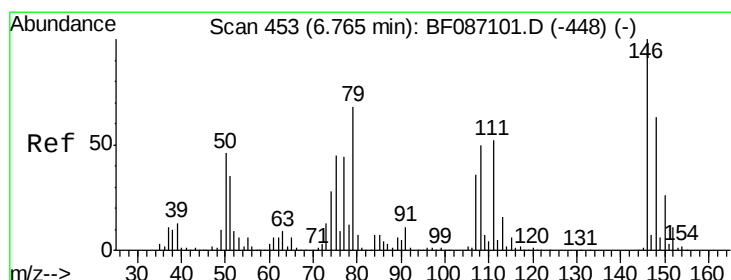
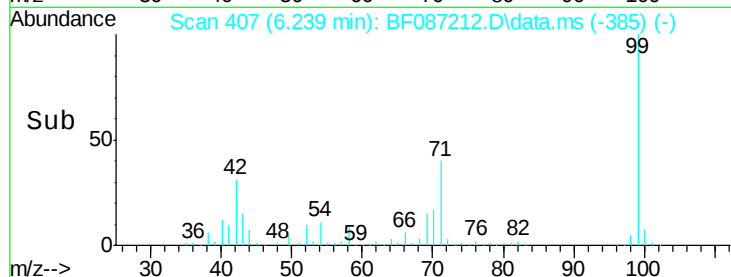
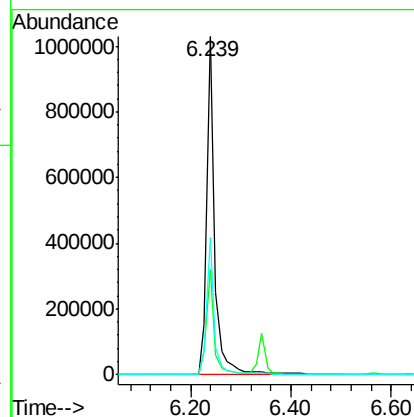
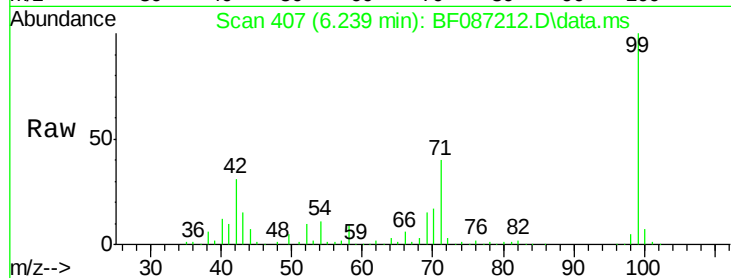
Tot Ion: 99 Resp: 1128882

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

71 40.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.719 min Scan# 449

Delta R.T. -0.057 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

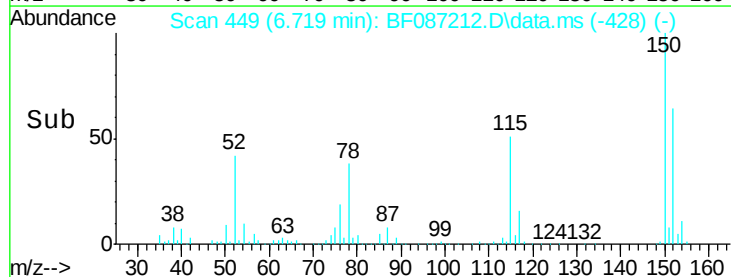
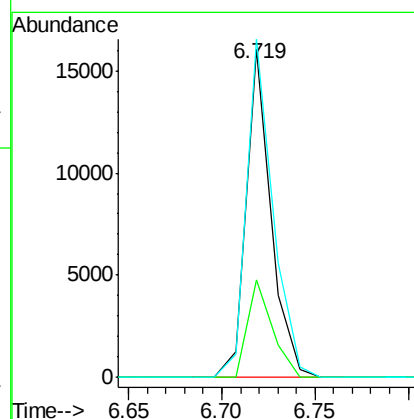
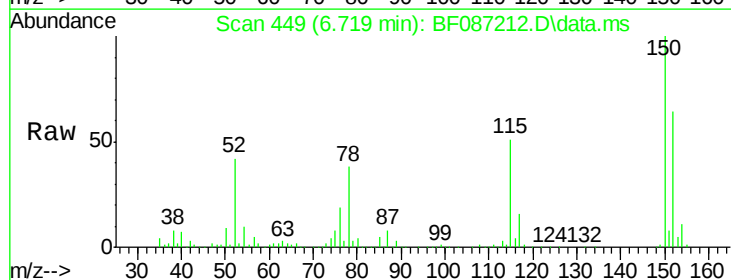
Tgt Ion: 79 Resp: 14909

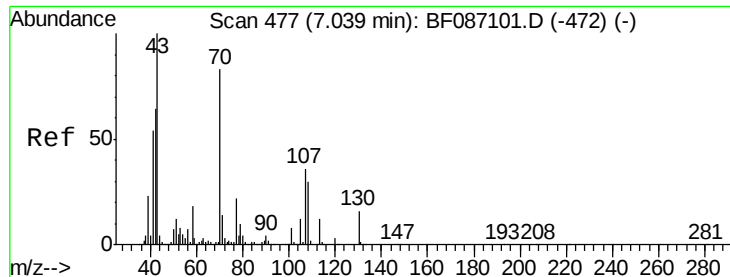
Ion Ratio Lower Upper

79 100

108 29.8 68.4 102.6#

77 102.9 50.6 76.0#

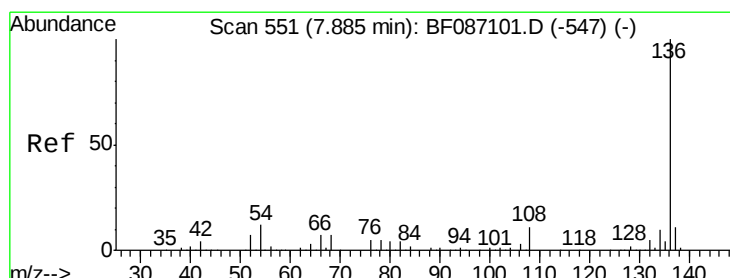
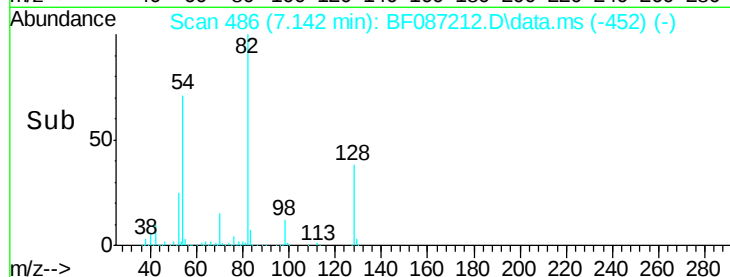
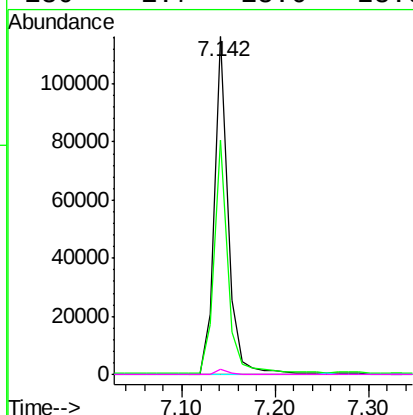
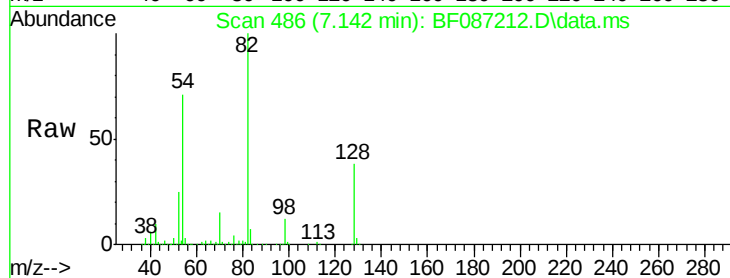




#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 7.142 min Scan# 48
Delta R.T. 0.091 min
Lab File: BF087212.D
Acq: 20 May 2016 5:11

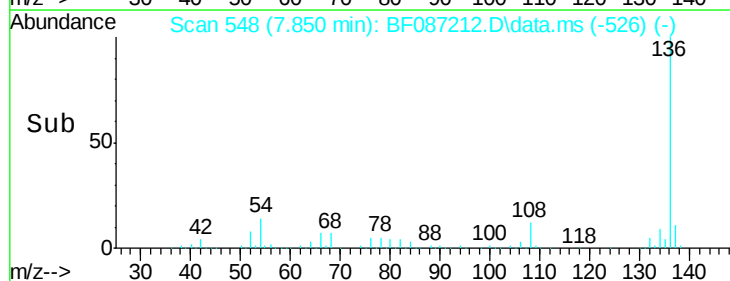
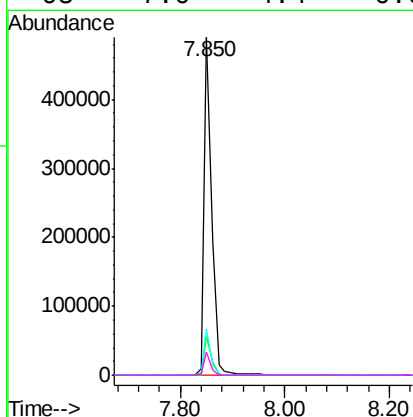
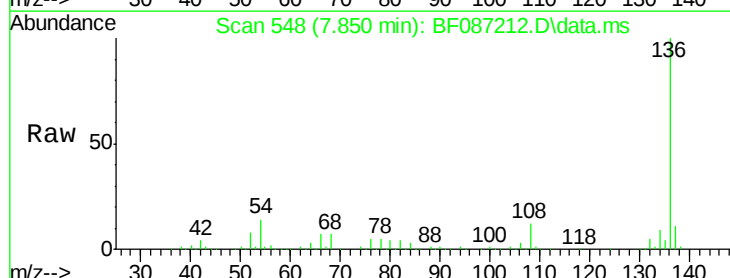
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)

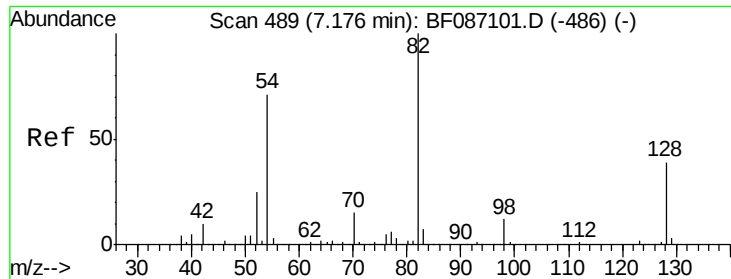
Tot Ion: 70 Resp: 120713
Ion Ratio Lower Upper
70 100
42 69.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.850 min Scan# 548
Delta R.T. -0.046 min
Lab File: BF087212.D
Acq: 20 May 2016 5:11

Tgt Ion: 136 Resp: 503946
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.6 5.0 7.4#
68 7.0 4.4 6.6#

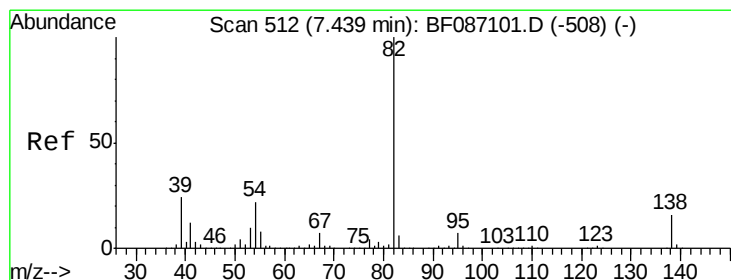
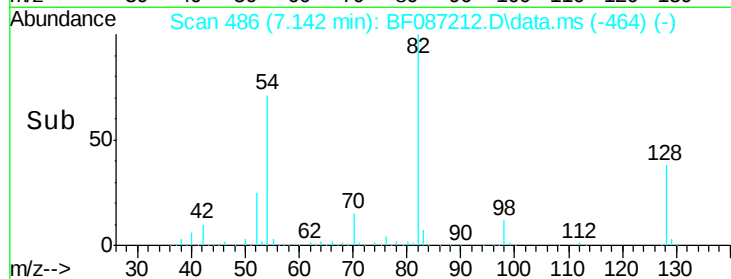
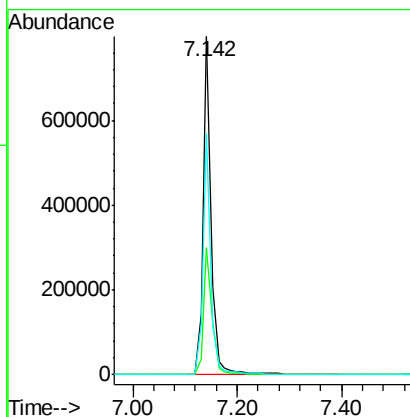
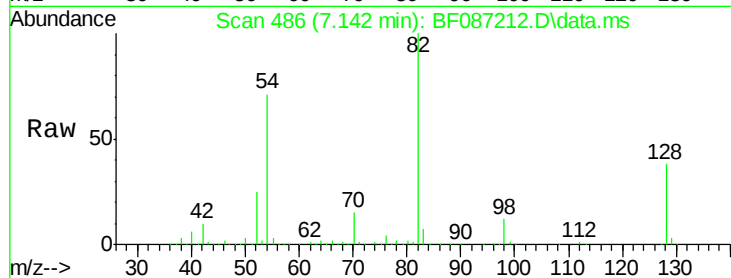




#23
 Nitrobenzene-d5
 Concen: 42.15 ng
 RT: 7.142 min Scan# 486
 Delta R.T. -0.046 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

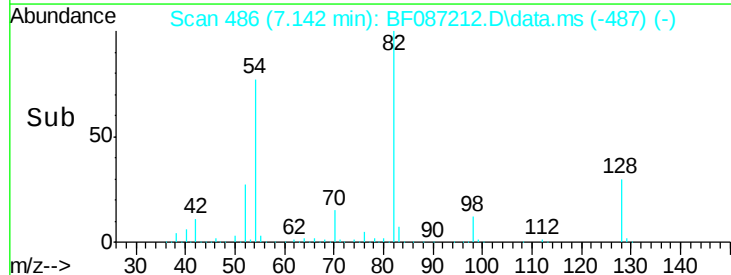
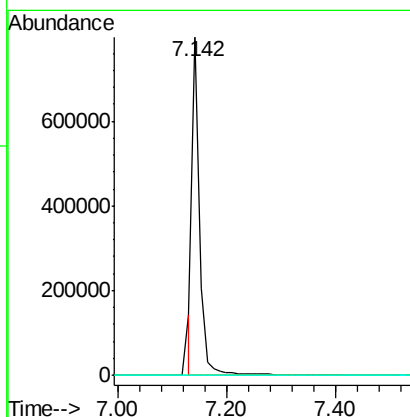
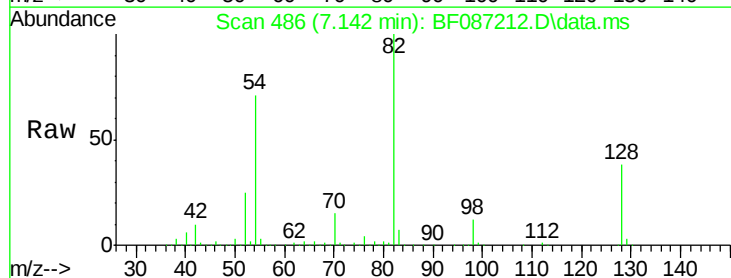
Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)

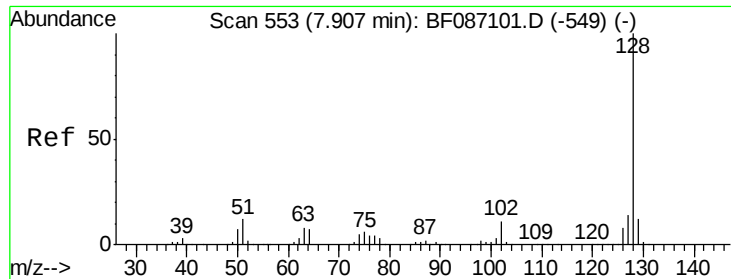
Tot Ion: 82 Resp: 852447
 Ion Ratio Lower Upper
 82 100
 128 37.6 40.6 61.0#
 54 71.2 38.1 57.1#



#25
 Isophorone
 Concen: 40.32 ng
 RT: 7.142 min Scan# 486
 Delta R.T. -0.309 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

Tgt Ion: 82 Resp: 746390
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

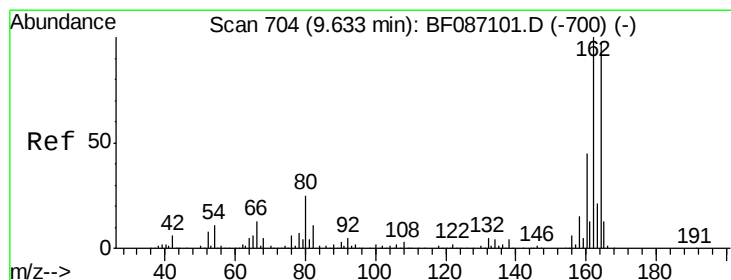
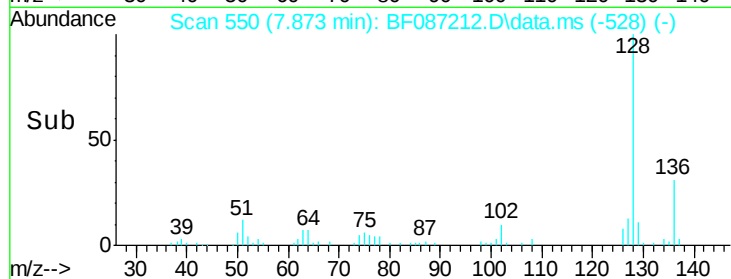
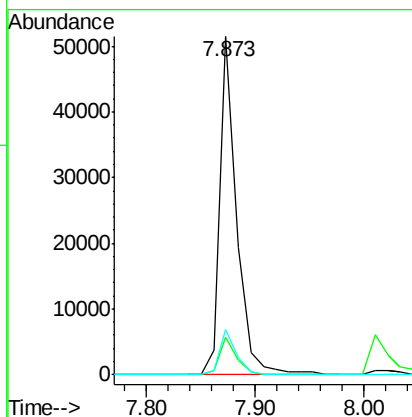
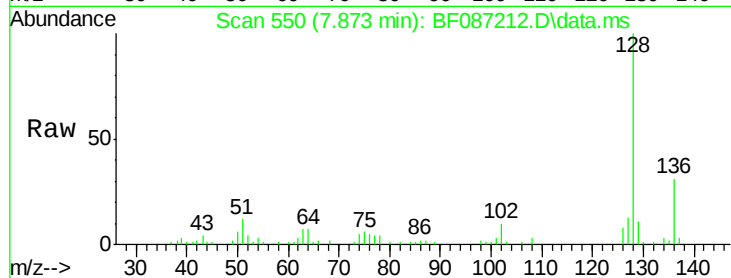




#31
Naphthalene
Concen: 2.26 ng
RT: 7.873 min Scan# 55
Delta R.T. -0.046 min
Lab File: BF087212.D
Acq: 20 May 2016 5:11

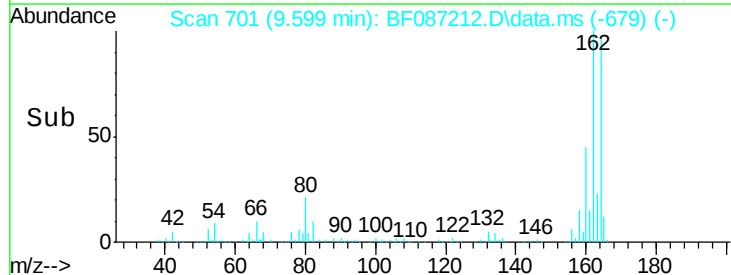
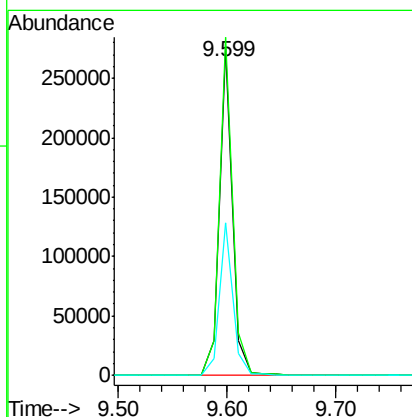
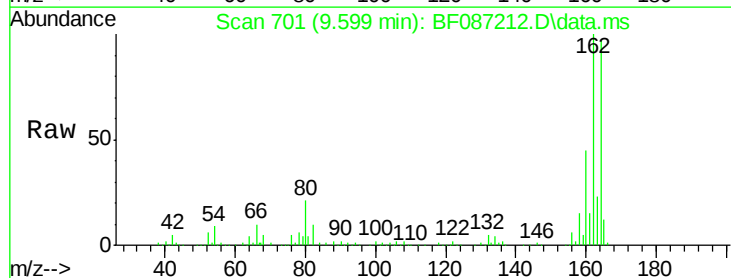
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)

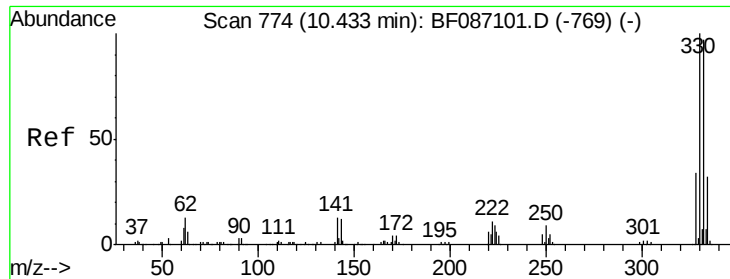
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.1	10.8	16.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.599 min Scan# 701
Delta R.T. -0.046 min
Lab File: BF087212.D
Acq: 20 May 2016 5:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.7	36.9	55.3

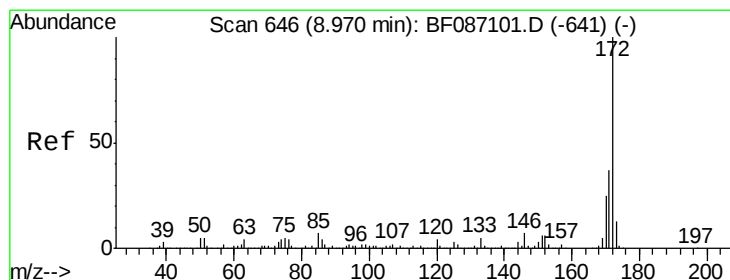
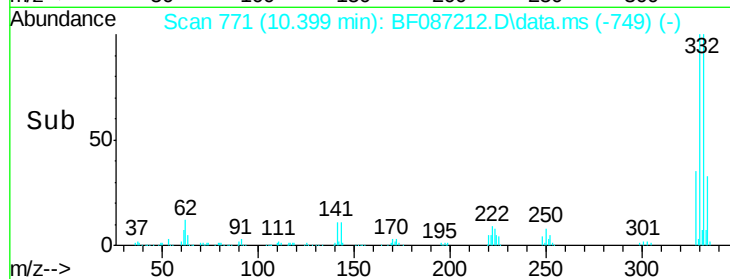
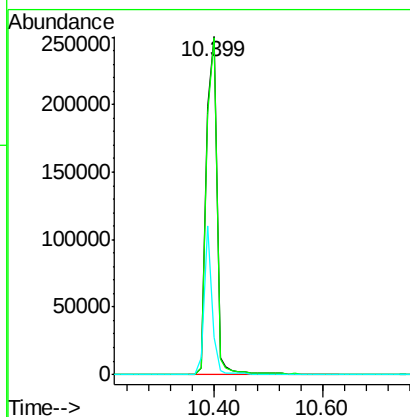
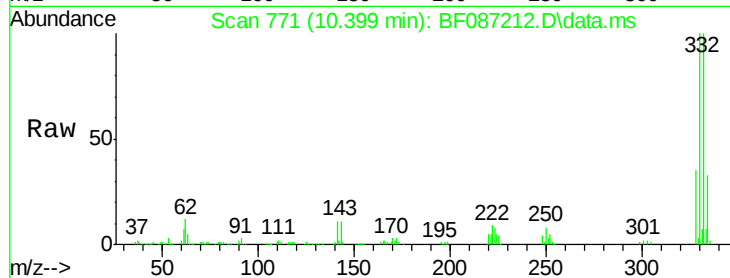




#41
 2,4,6-Tribromophenol
 Concen: 64.91 ng
 RT: 10.399 min Scan# 77
 Delta R.T. -0.046 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

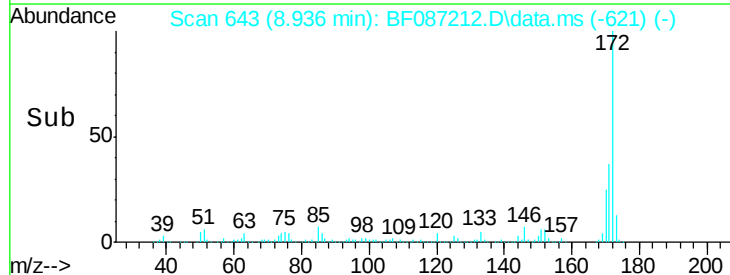
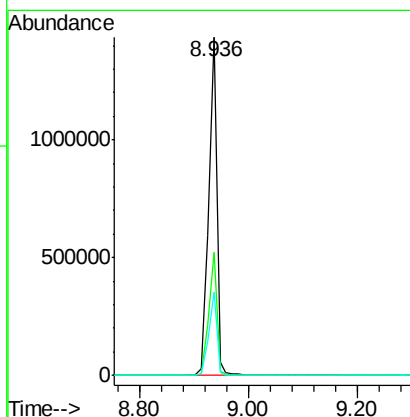
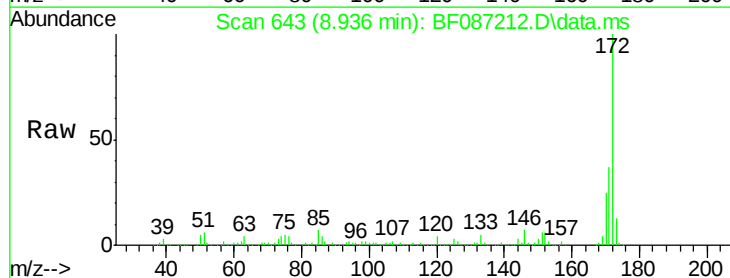
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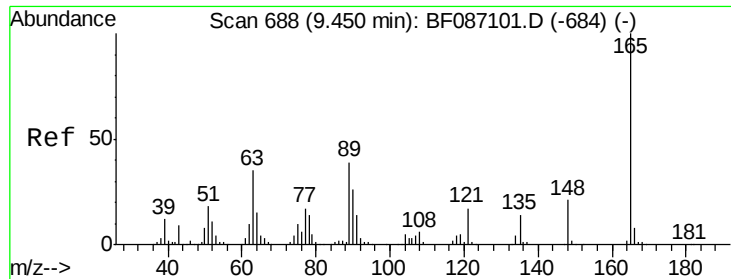
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.0	118.4
141	32.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 52.46 ng
 RT: 8.936 min Scan# 643
 Delta R.T. -0.046 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8

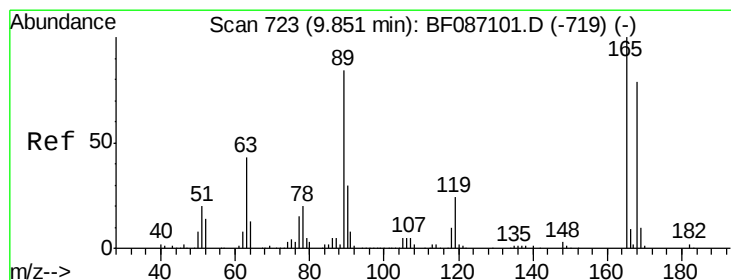
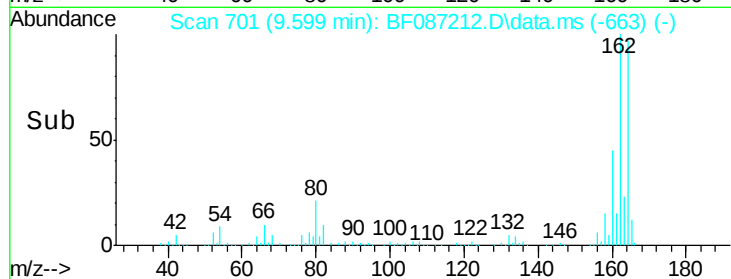
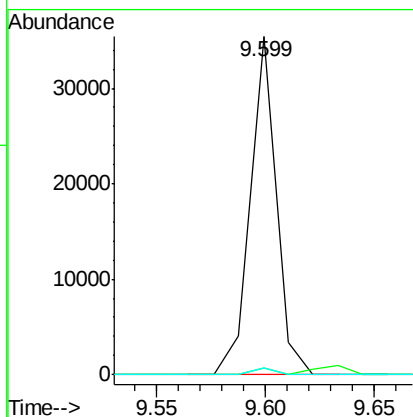
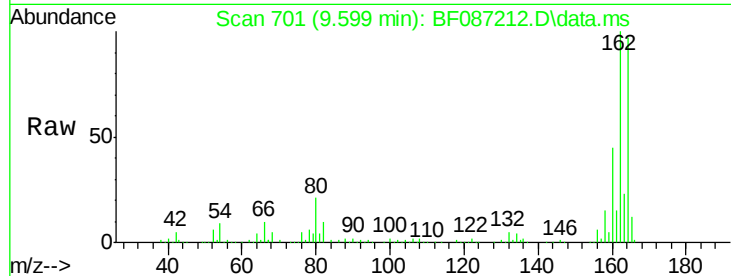




#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.599 min Scan# 701
 Delta R.T. 0.137 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

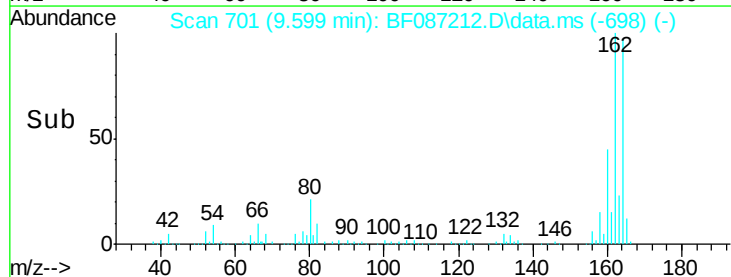
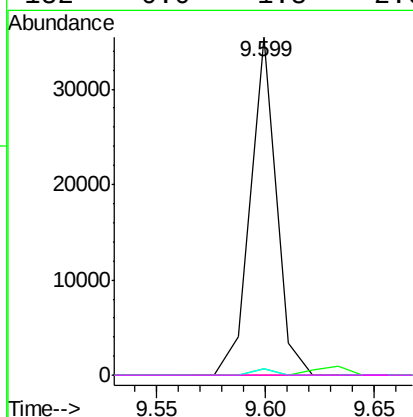
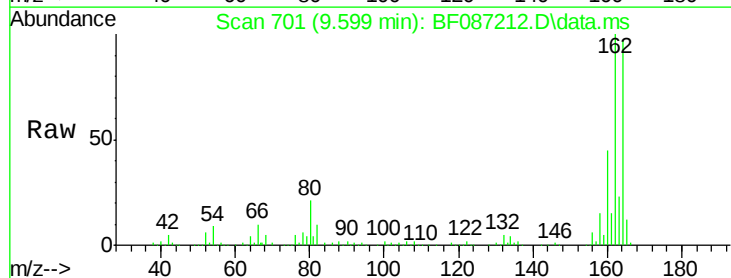
Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)

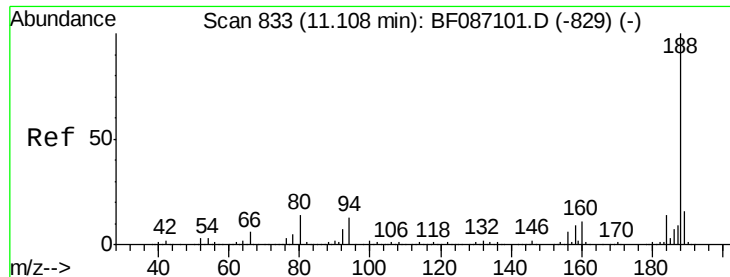
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.1	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.599 min Scan# 701
 Delta R.T. -0.263 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

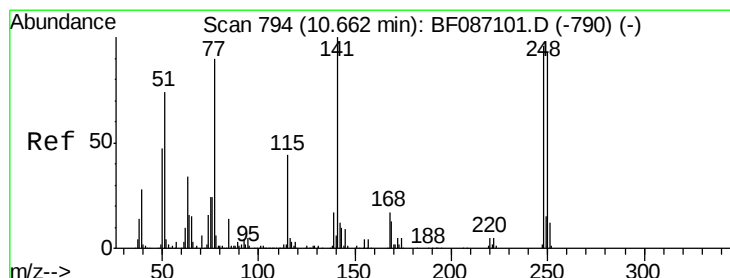
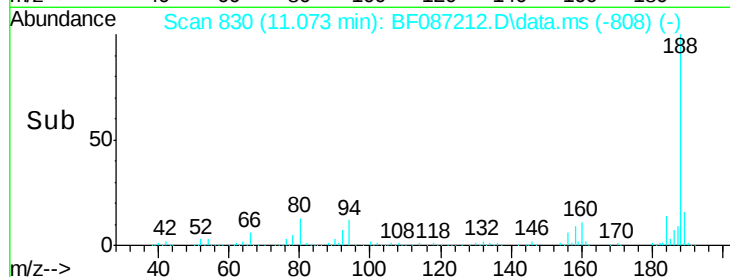
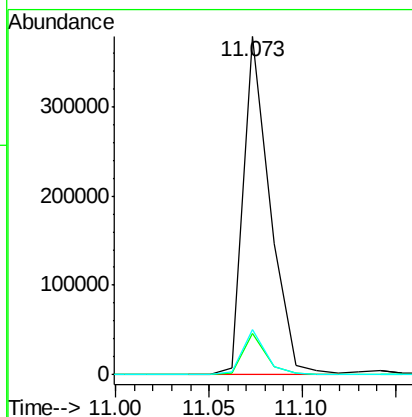
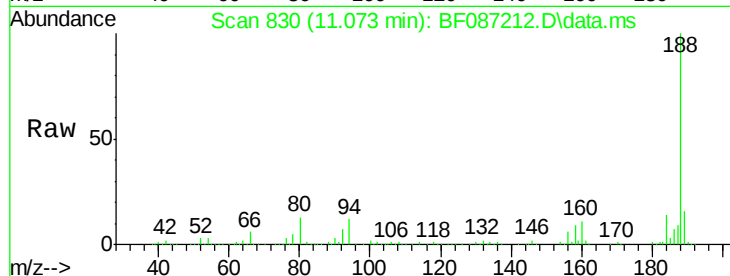




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.073 min Scan# 83
 Delta R.T. -0.046 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

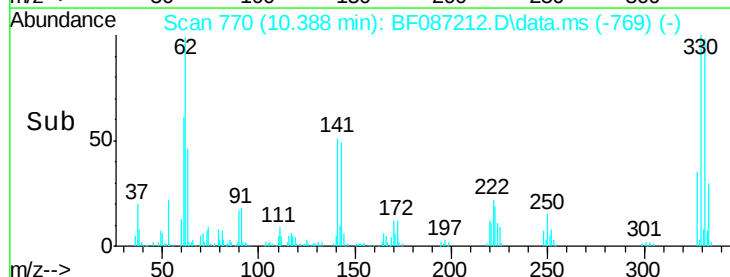
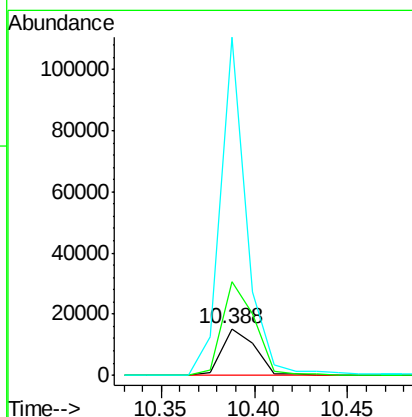
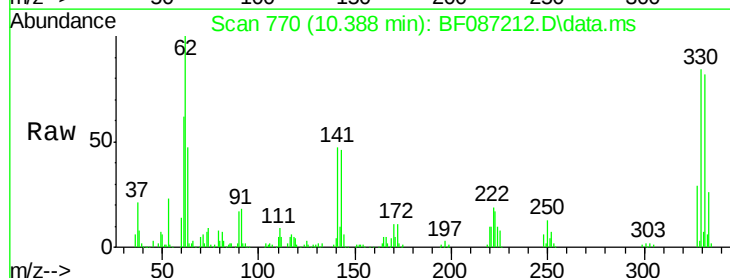
Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C51(0-15FT)

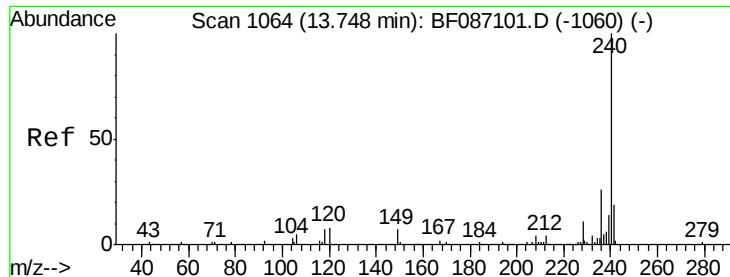
Tot Ion:188 Resp: 376889
 Ion Ratio Lower Upper
 188 100
 94 12.1 6.8 10.2#
 80 13.4 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.388 min Scan# 770
 Delta R.T. -0.286 min
 Lab File: BF087212.D
 Acq: 20 May 2016 5:11

Tgt Ion:248 Resp: 18753
 Ion Ratio Lower Upper
 248 100
 250 200.7 78.6 117.8#
 141 726.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.702 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)

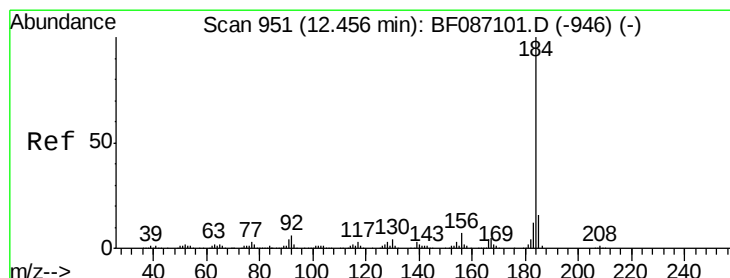
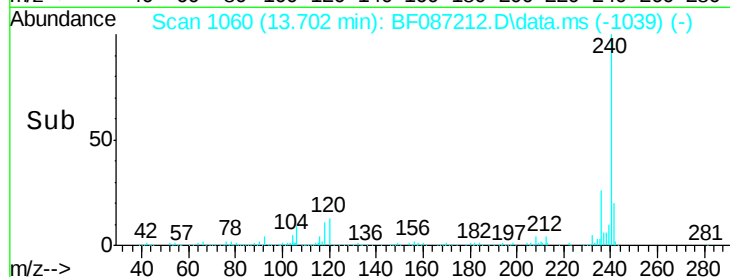
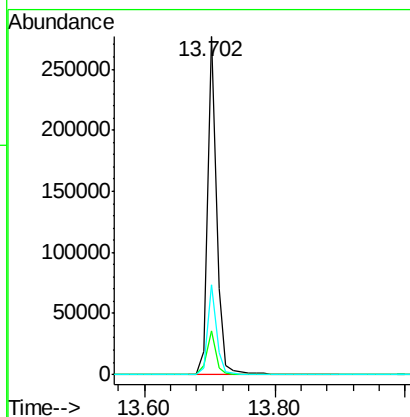
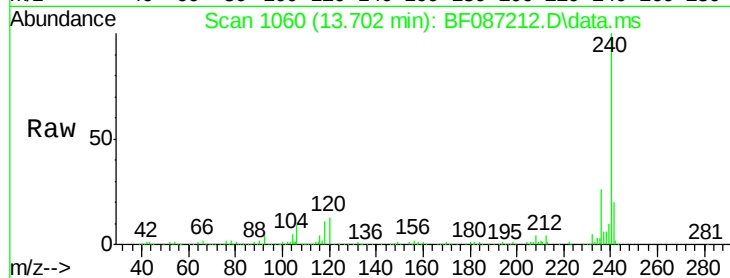
Tot Ion:240 Resp: 264472

Ion Ratio Lower Upper

240 100

120 12.8 11.2 16.8

236 26.4 21.2 31.8



#76

Benzidine

Concen: 2.77 ng

RT: 12.662 min Scan# 969

Delta R.T. 0.195 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

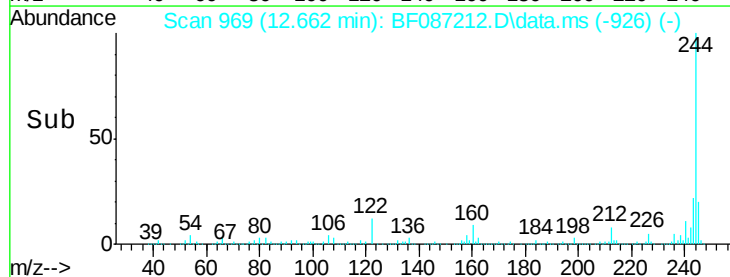
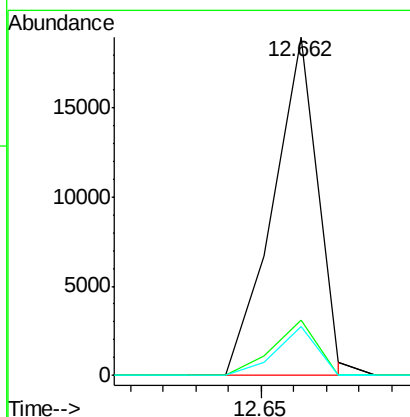
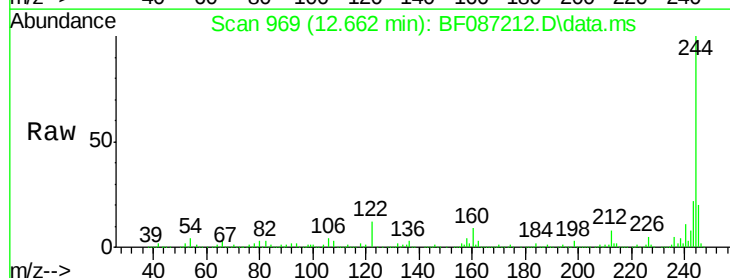
Tgt Ion:184 Resp: 18105

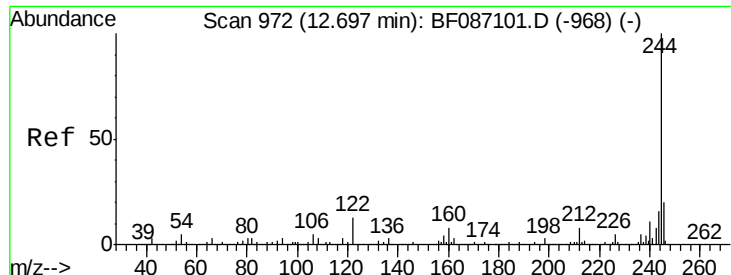
Ion Ratio Lower Upper

184 100

185 16.5 13.6 20.4

183 14.6 9.8 14.6





#78

Terphenyl-d14

Concen: 47.02 ng

RT: 12.662 min Scan# 96

Delta R.T. -0.046 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C51(0-15FT)

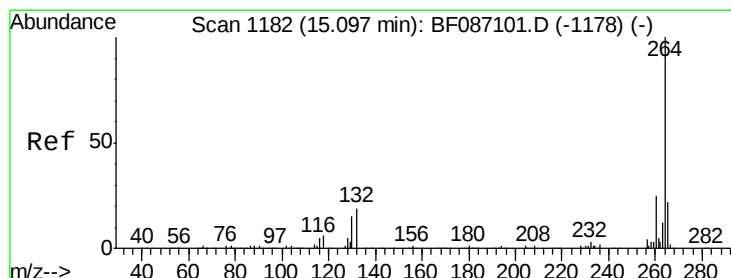
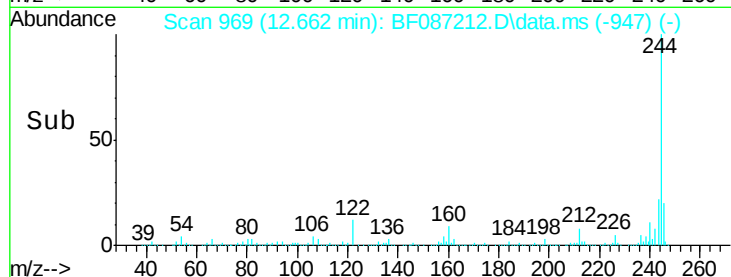
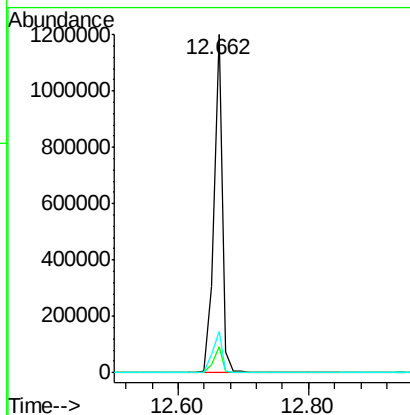
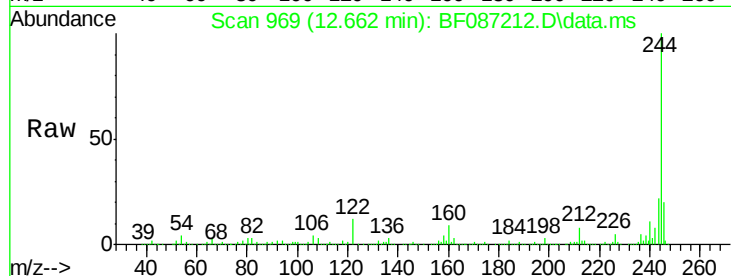
Tot Ion:244 Resp: 1099417

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 12.1 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.062 min Scan# 1179

Delta R.T. -0.046 min

Lab File: BF087212.D

Acq: 20 May 2016 5:11

Tgt Ion:264 Resp: 251760

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.3 17.3 25.9

