

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087220.D
 Acq On : 20 May 2016 9:03
 Operator : UM/SJ
 Sample : PB90743BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Quant Time: May 20 10:05:17 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)

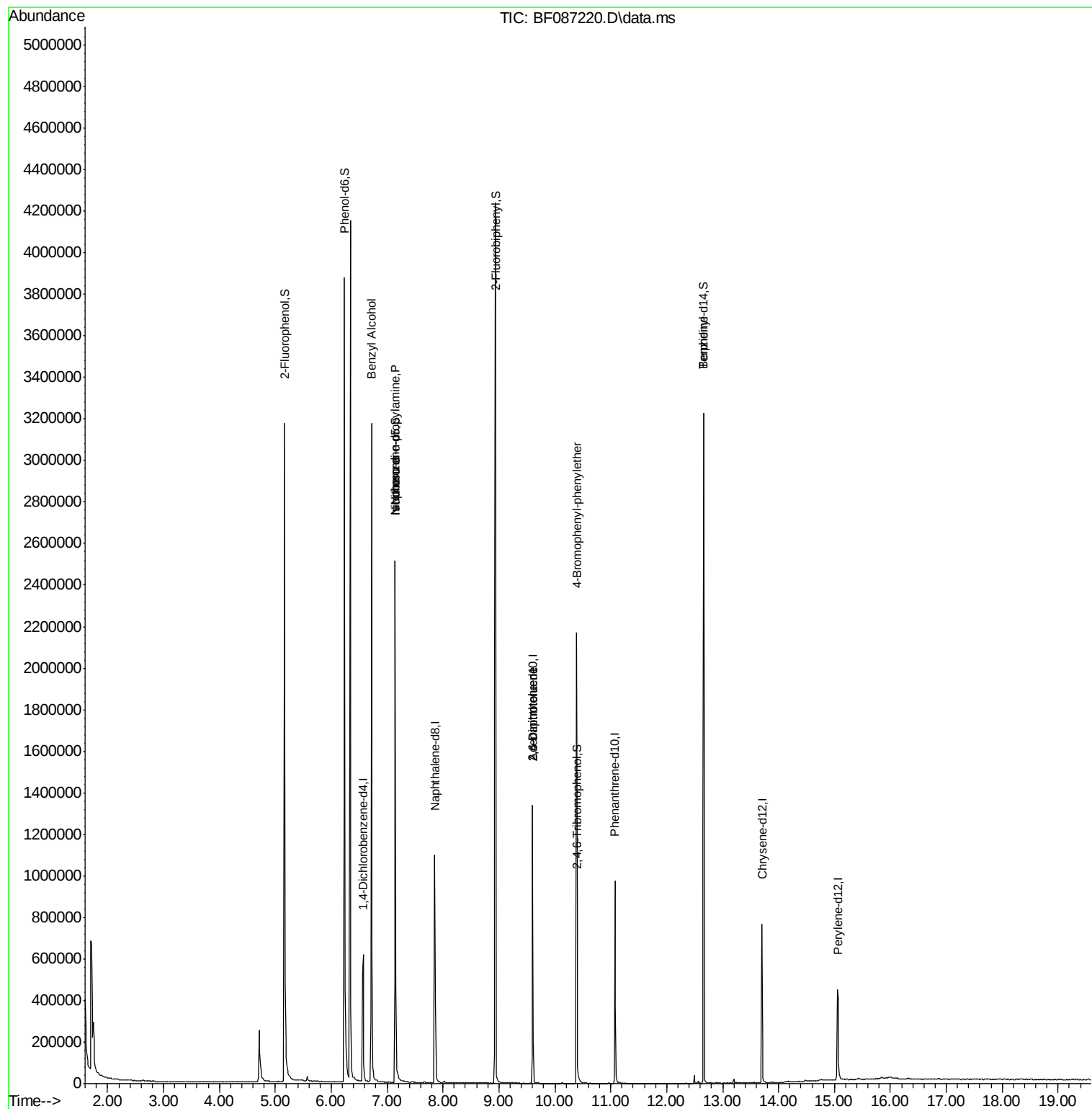
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.570	152	125631	20.00	ng	-0.03
21) Naphthalene-d8	7.850	136	510590	20.00	ng	-0.05
38) Acenaphthene-d10	9.599	164	239884	20.00	ng	-0.05
63) Phenanthrene-d10	11.073	188	381855	20.00	ng	-0.05
75) Chrysene-d12	13.702	240	265809	20.00	ng	-0.06
86) Perylene-d12	15.062	264	239171	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.164	112	1027125	68.71	ng	-0.03
7) Phenol-d6	6.239	99	1224195	61.06	ng	-0.05
23) Nitrobenzene-d5	7.142	82	798904	38.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.399	330	264421	49.88	ng	-0.05
44) 2-Fluorobiphenyl	8.936	172	1366037	47.16	ng	-0.05
78) Terphenyl-d14	12.662	244	998407	42.48	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.719	79	15028	2.01	ng	Qvalue # 45
19) n-Nitroso-di-n-propyla...	7.142	70	114330	15.00	ng	# 73
25) Isophorone	7.142	82	690238	36.80	ng	# 68
50) 2,6-Dinitrotoluene	9.599	165	29835	7.51	ng	# 20
56) 2,4-Dinitrotoluene	9.599	165	29835	5.86	ng	# 16
66) 4-Bromophenyl-phenylether	10.388	248	15171	3.86	ng	# 1
76) Benzidine	12.662	184	16326	2.59	ng	# 95

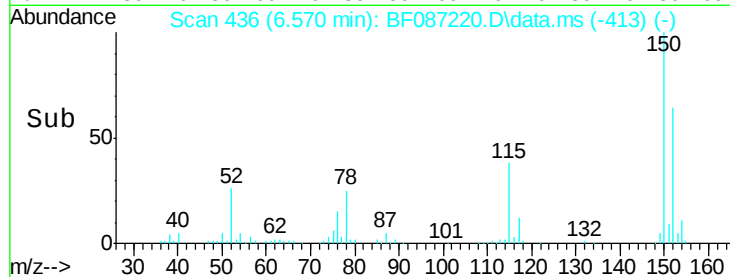
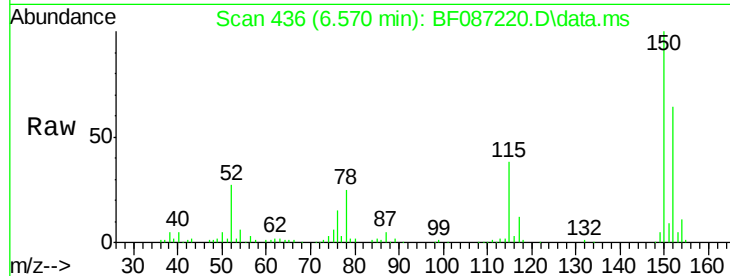
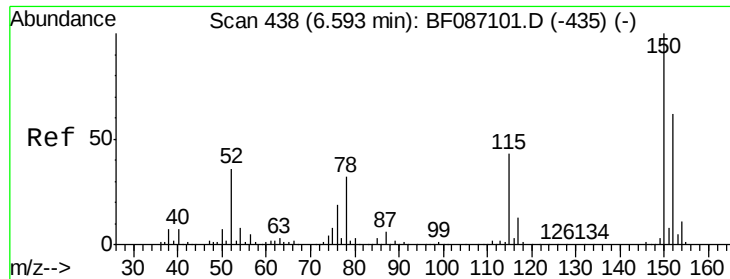
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

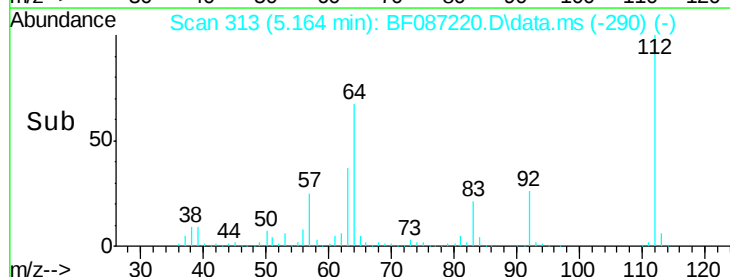
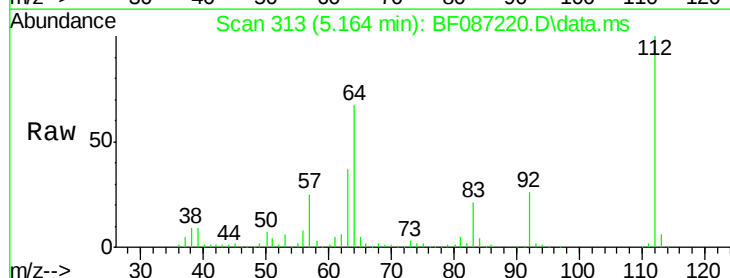
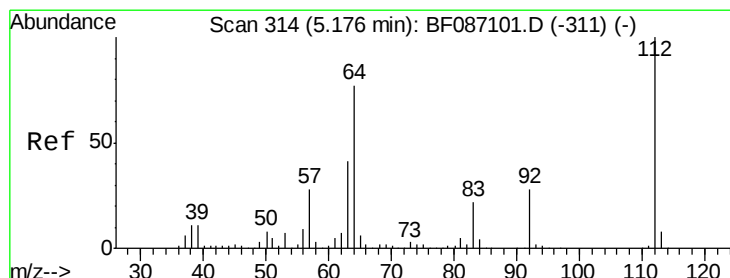
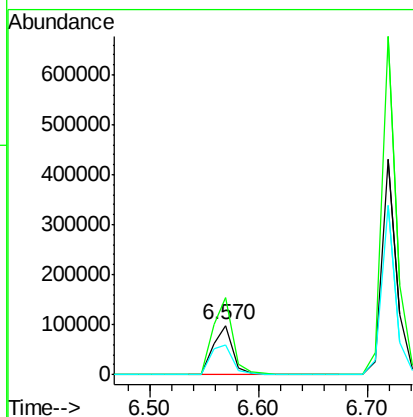
Tot Ion:152 Resp: 125631

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

115 59.1 51.5 77.3



#5

2-Fluorophenol

Concen: 68.71 ng

RT: 5.164 min Scan# 313

Delta R.T. -0.034 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

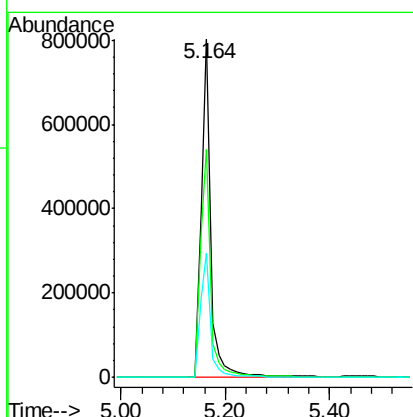
Tgt Ion:112 Resp: 1027125

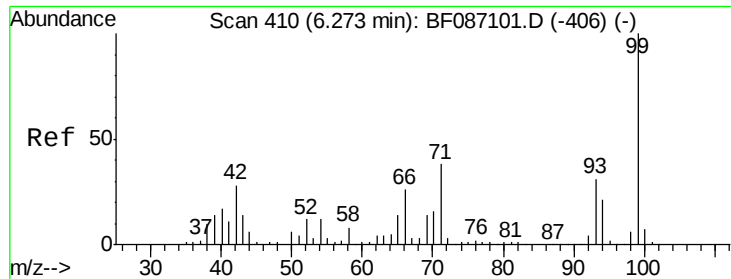
Ion Ratio Lower Upper

112 100

64 67.3 52.1 78.1

63 36.9 25.7 38.5





#7

Phenol-d6

Concen: 61.06 ng

RT: 6.239 min Scan# 40

Delta R.T. -0.046 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

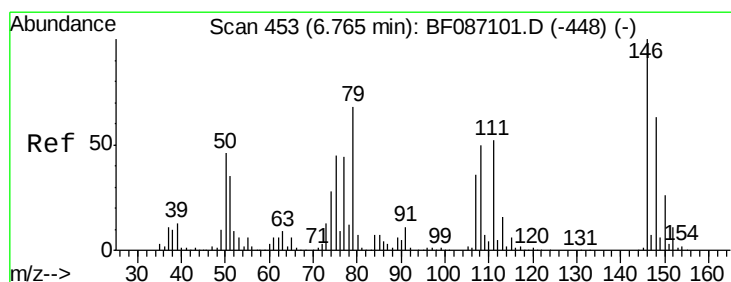
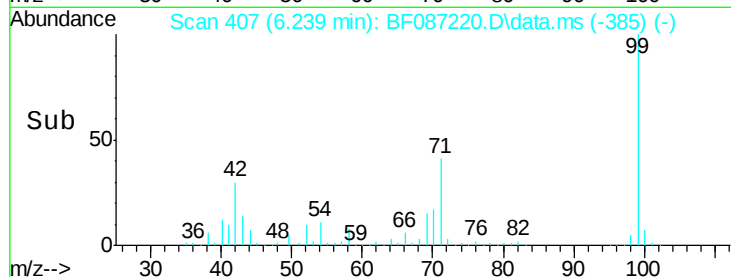
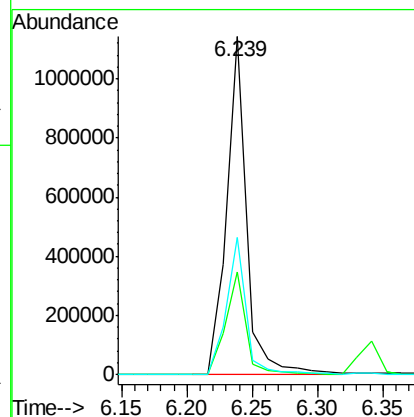
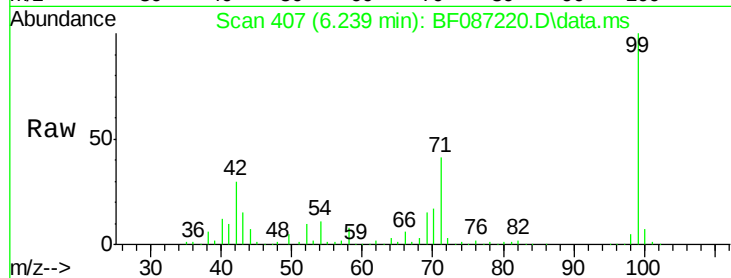
Tot Ion: 99 Resp: 1224195

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

71 40.7 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.719 min Scan# 449

Delta R.T. -0.057 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

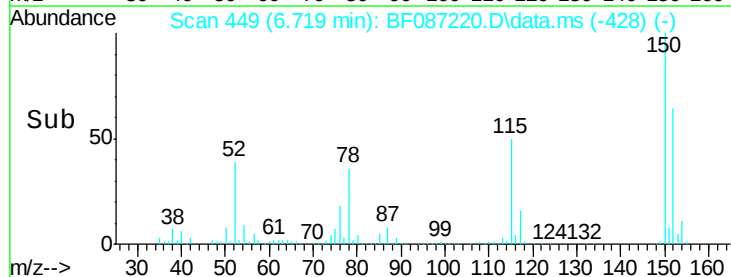
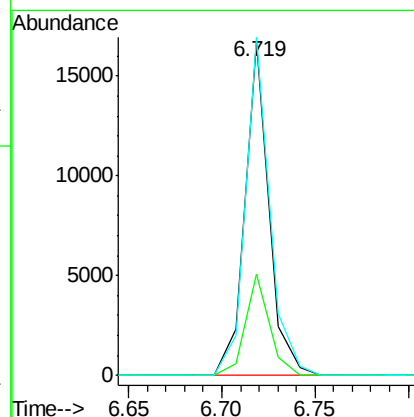
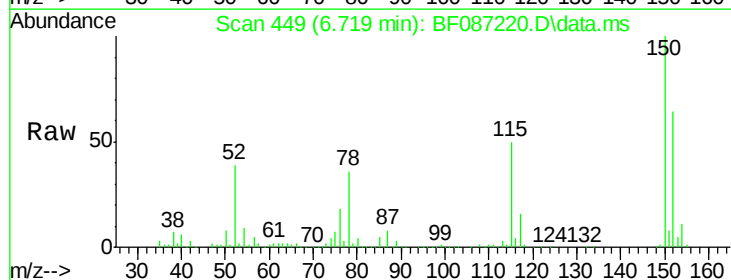
Tgt Ion: 79 Resp: 15028

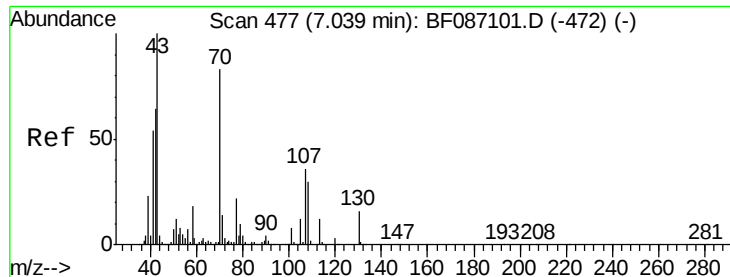
Ion Ratio Lower Upper

79 100

108 30.4 68.4 102.6#

77 101.2 50.6 76.0#

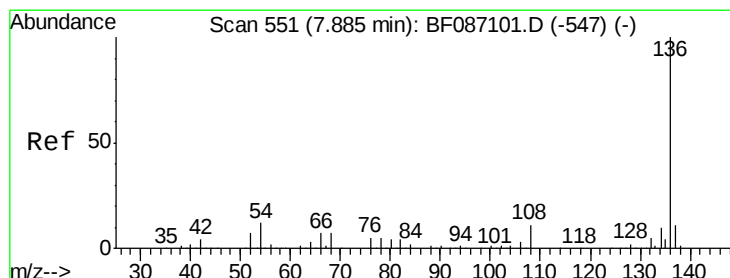
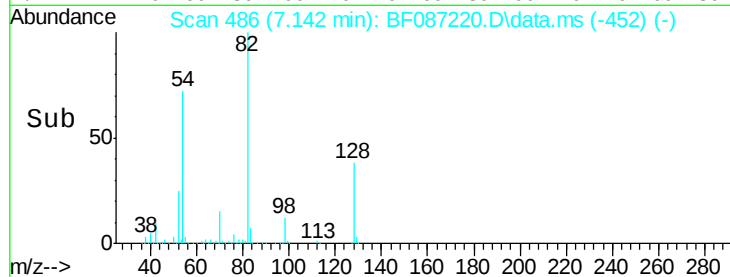
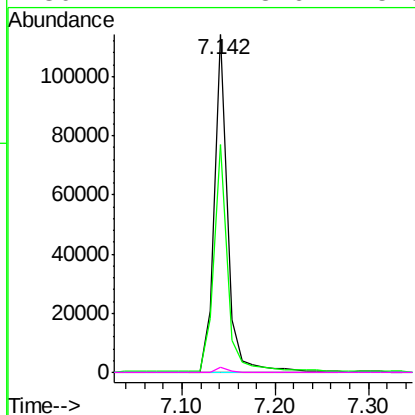
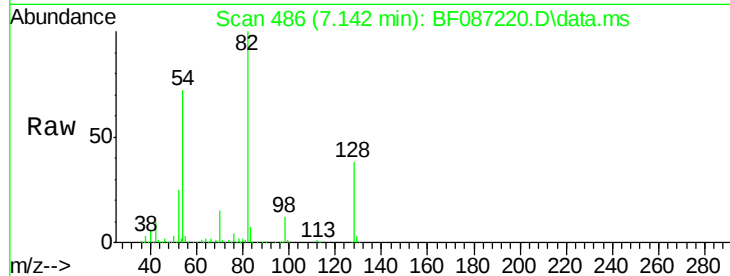




#19
n-Nitroso-di-n-propylamine
Concen: 15.00 ng
RT: 7.142 min Scan# 48
Delta R.T. 0.091 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

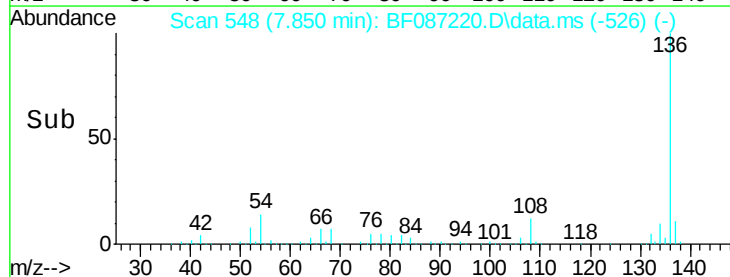
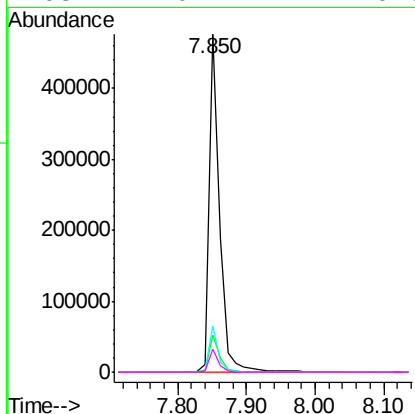
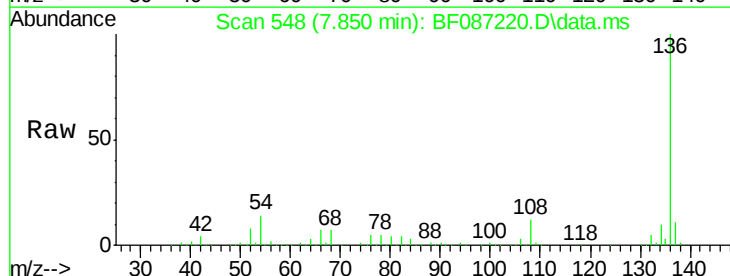
Instrument :
BNA_F
ClientSampleId :
PB90419BL

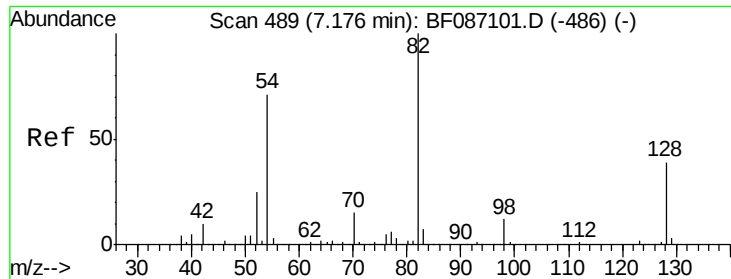
Tot Ion: 70 Resp: 114330
Ion Ratio Lower Upper
70 100
42 67.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.850 min Scan# 548
Delta R.T. -0.046 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion: 136 Resp: 510590
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.7 5.0 7.4#
68 7.0 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 38.99 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.046 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

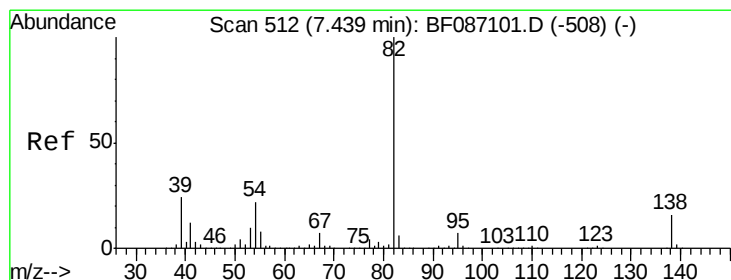
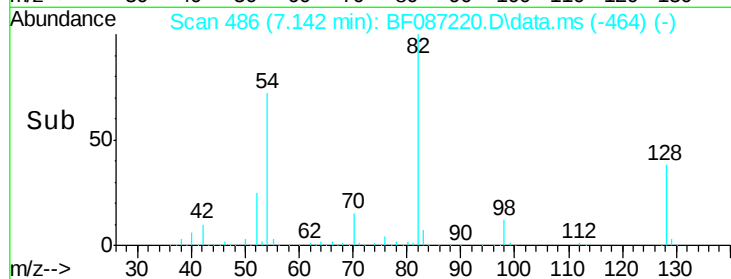
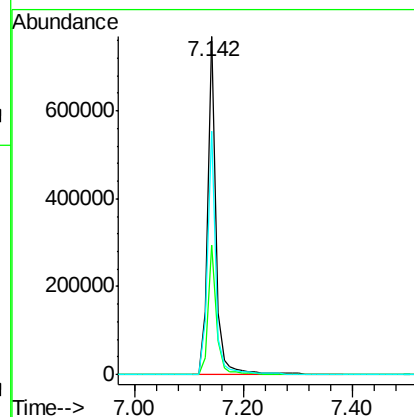
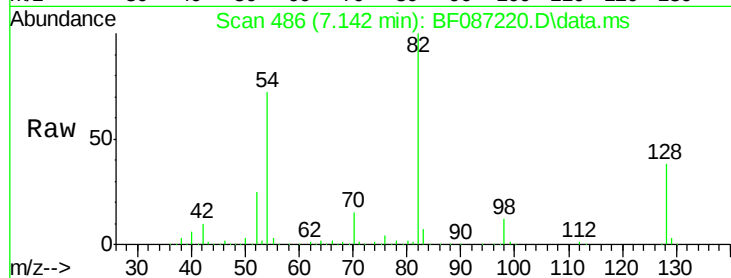
Tot Ion: 82 Resp: 798904

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

54 71.9 38.1 57.1#



#25

Isophorone

Concen: 36.80 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.309 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

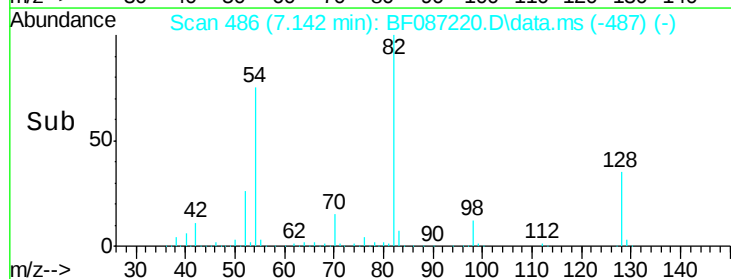
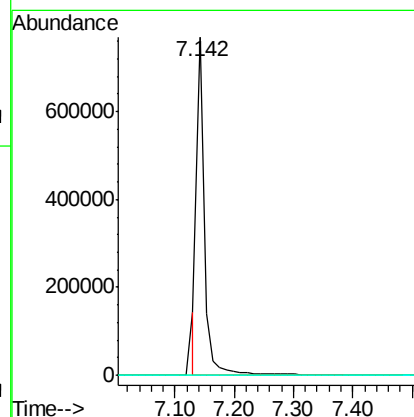
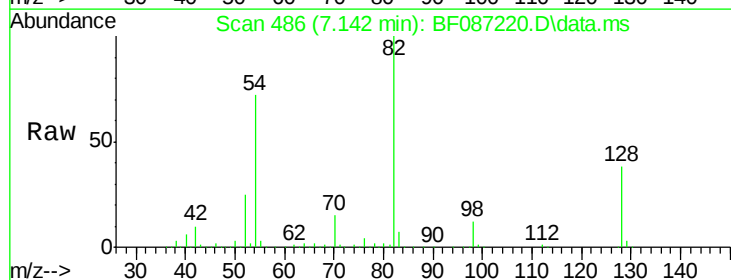
Tgt Ion: 82 Resp: 690238

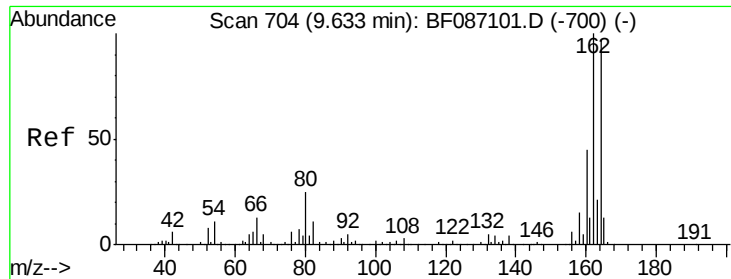
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#

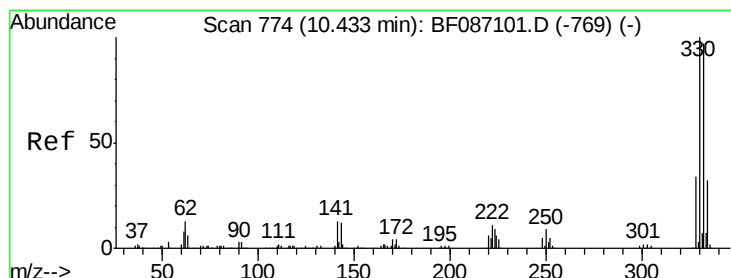
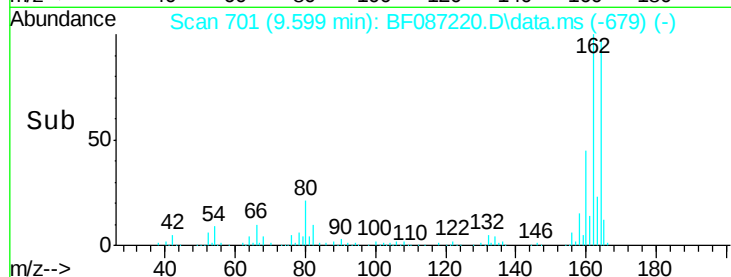
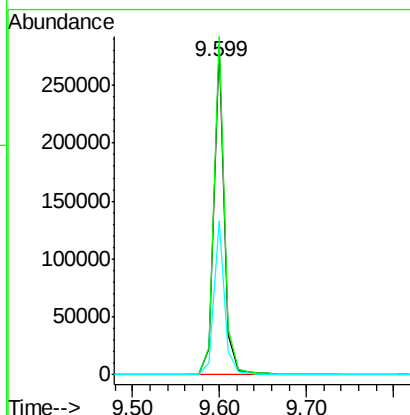
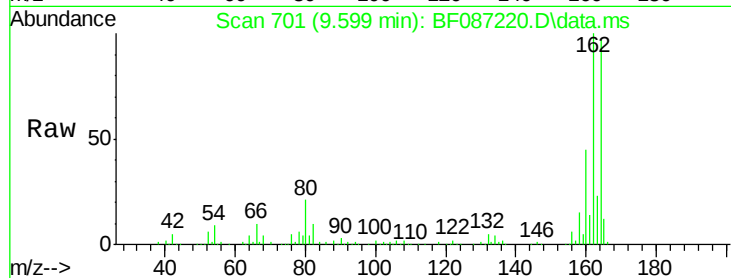




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.599 min Scan# 704
Delta R.T. -0.046 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

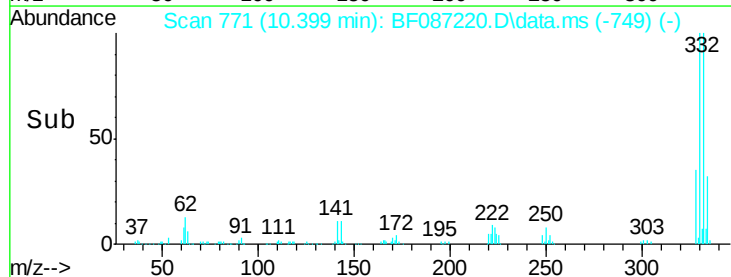
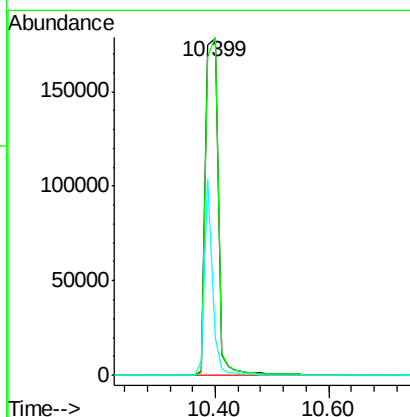
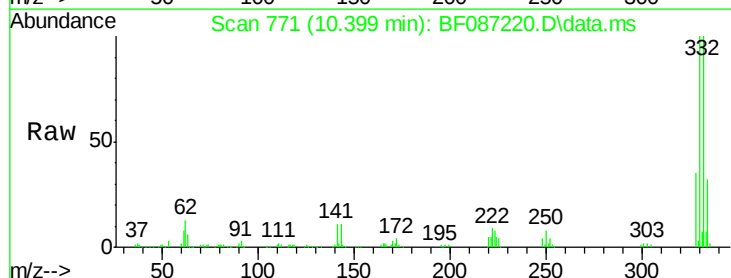
Instrument :
BNA_F
ClientSampleId :
PB90419BL

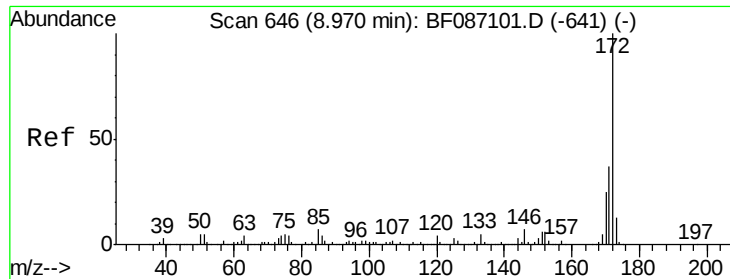
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.8	36.9	55.3



#41
2,4,6-Tribromophenol
Concen: 49.88 ng
RT: 10.399 min Scan# 771
Delta R.T. -0.046 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	36.4	31.2	46.8

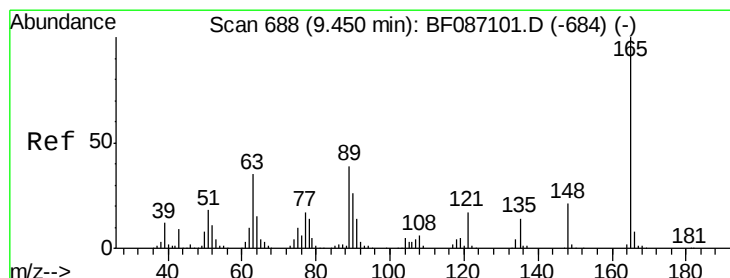
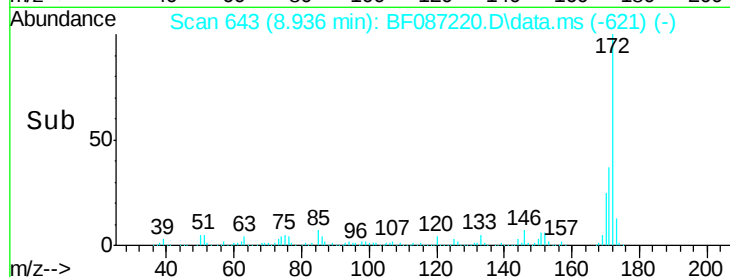
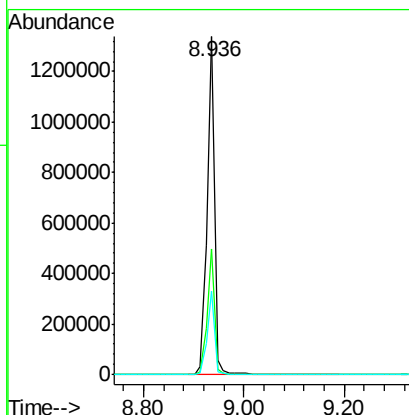
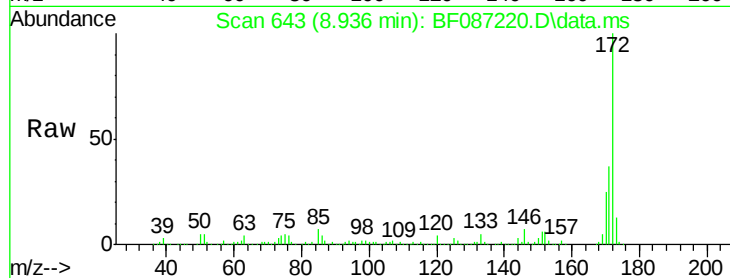




#44
2-Fluorobiphenyl
Concen: 47.16 ng
RT: 8.936 min Scan# 64
Delta R.T. -0.046 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

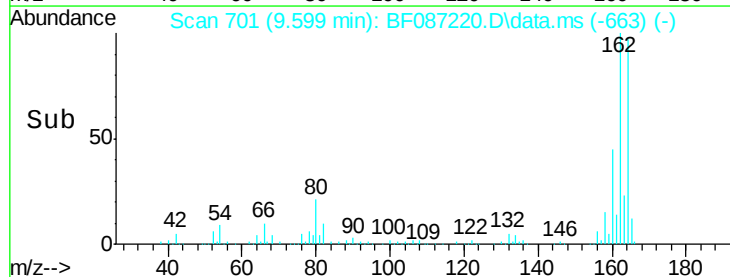
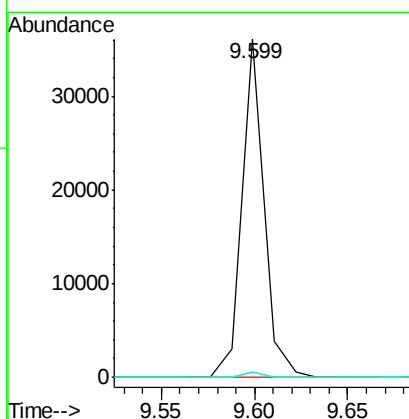
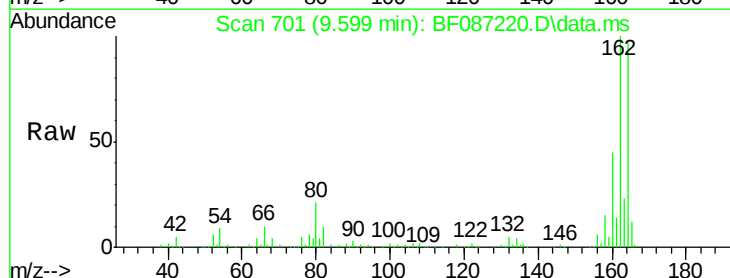
Instrument :
BNA_F
ClientSampleId :
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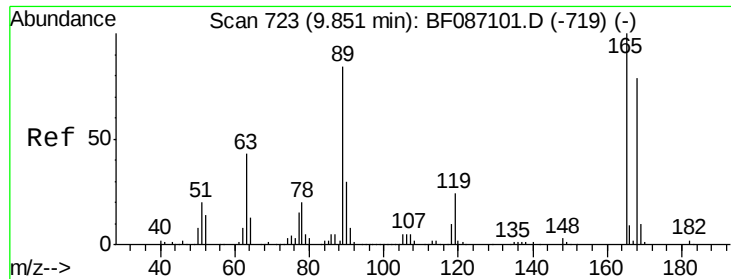
Tot Ion:172 Resp: 1366037
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.8 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.599 min Scan# 701
Delta R.T. 0.137 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:165 Resp: 29835
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.8#
89 1.6 50.7 76.1#

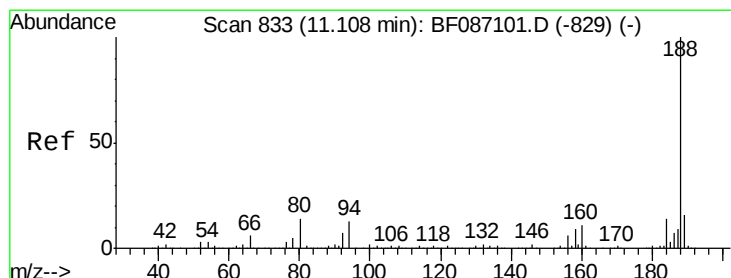
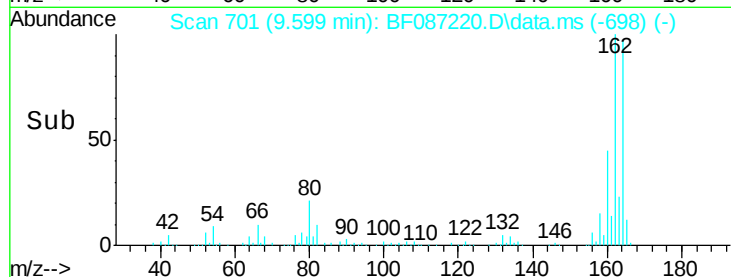
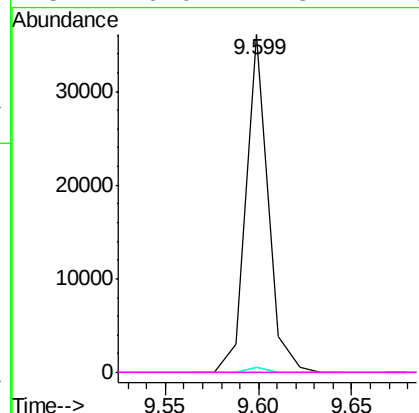
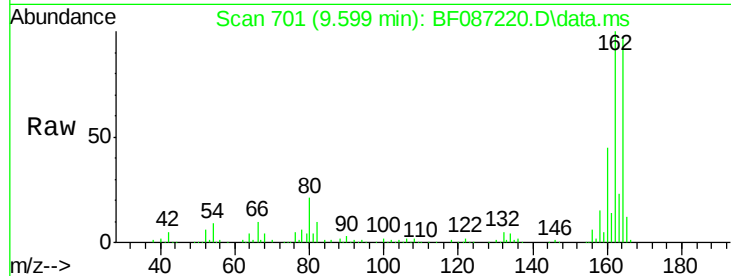




#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.599 min Scan# 70
Delta R.T. -0.263 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

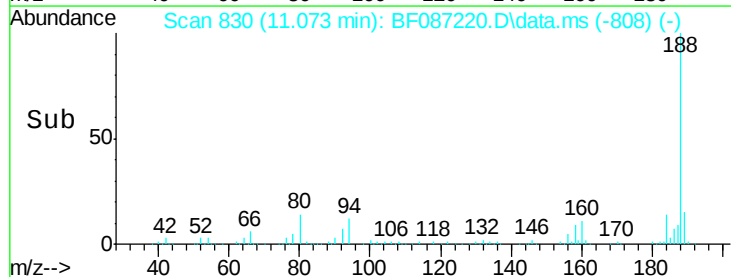
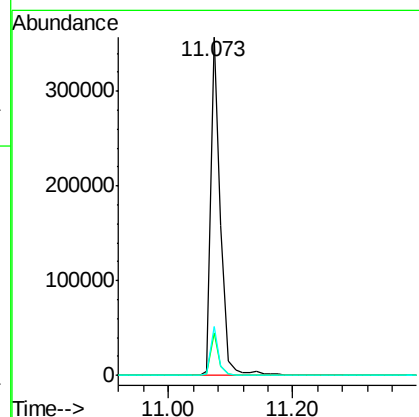
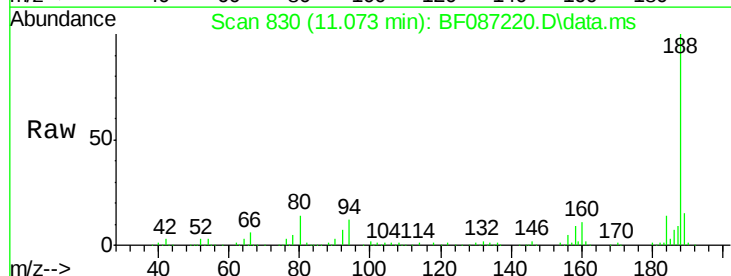
Instrument :
BNA_F
ClientSampleId :
PB90419BL

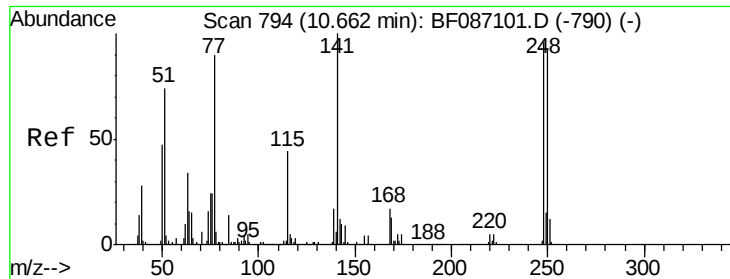
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.073 min Scan# 830
Delta R.T. -0.046 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.8	10.2#
80	14.3	7.1	10.7#

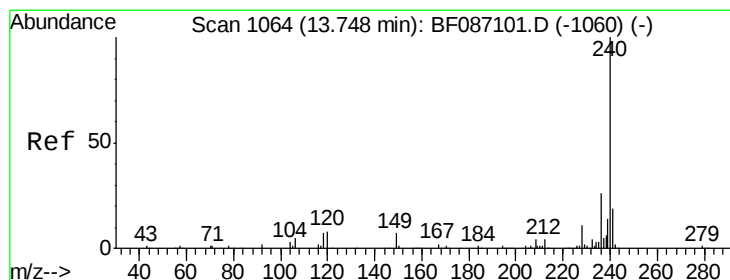
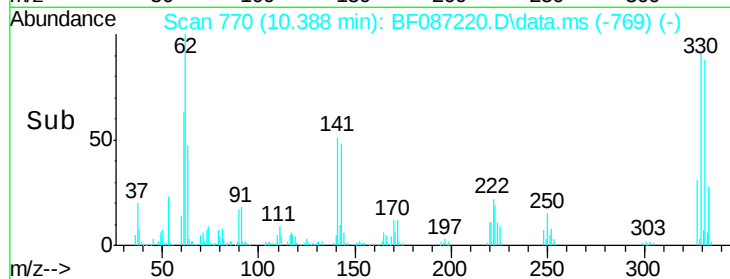
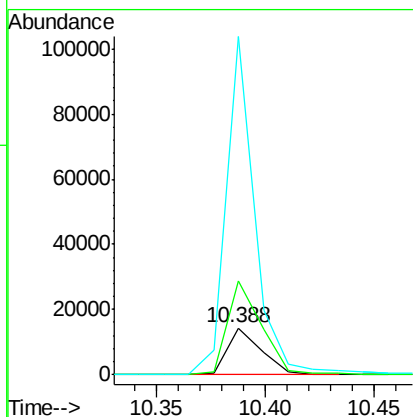
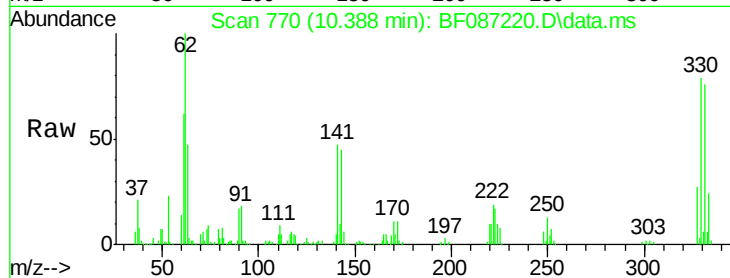




#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.388 min Scan# 77
 Delta R.T. -0.286 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

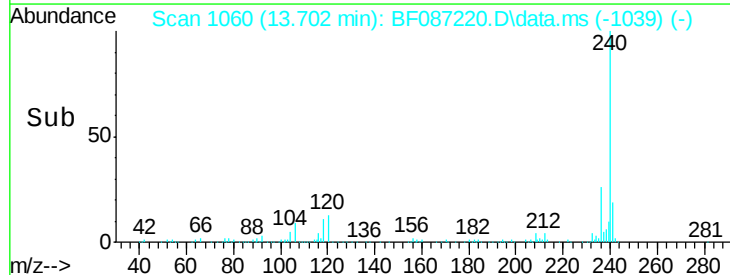
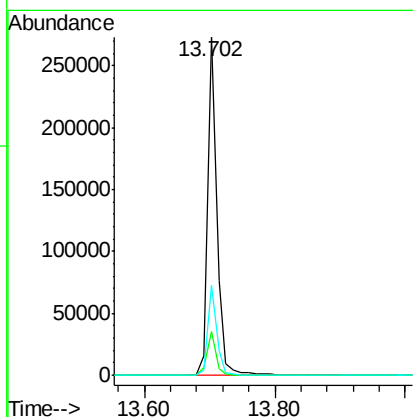
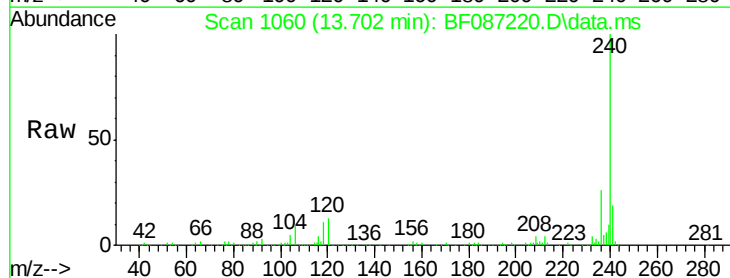
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

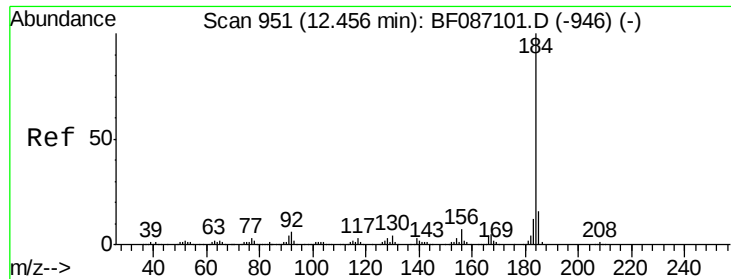
Tot Ion:248 Resp: 15171
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.6 117.8#
 141 726.2 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.702 min Scan# 1060
 Delta R.T. -0.057 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Tgt Ion:240 Resp: 265809
 Ion Ratio Lower Upper
 240 100
 120 12.7 11.2 16.8
 236 26.4 21.2 31.8





#76

Benzidine

Concen: 2.59 ng

RT: 12.662 min Scan# 96

Delta R.T. 0.195 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

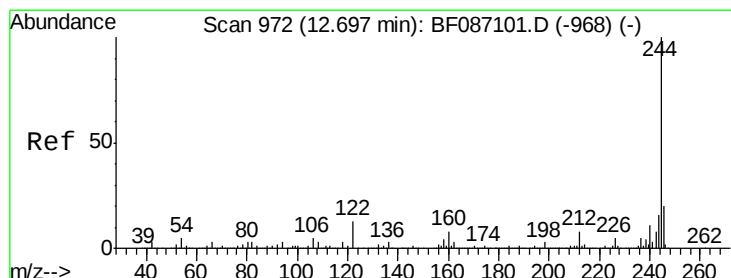
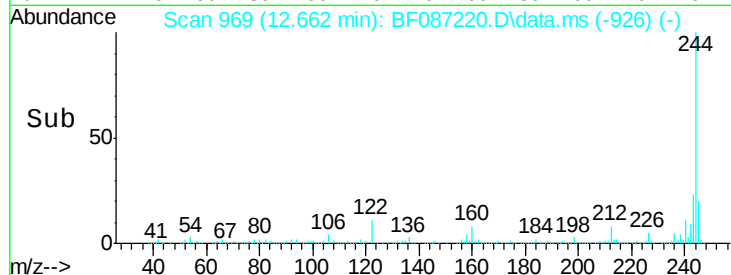
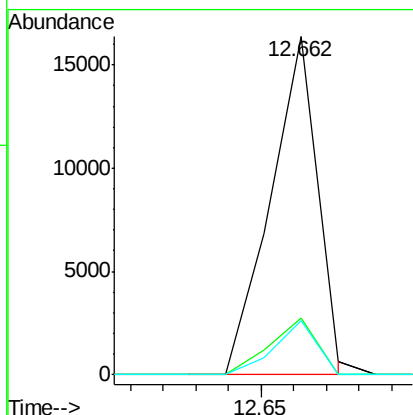
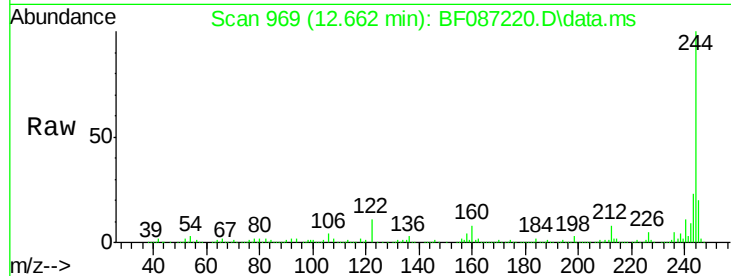
Tot Ion:184 Resp: 16326

Ion Ratio Lower Upper

184 100

185 16.6 13.6 20.4

183 16.1 9.8 14.6#



#78

Terphenyl-d14

Concen: 42.48 ng

RT: 12.662 min Scan# 969

Delta R.T. -0.046 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

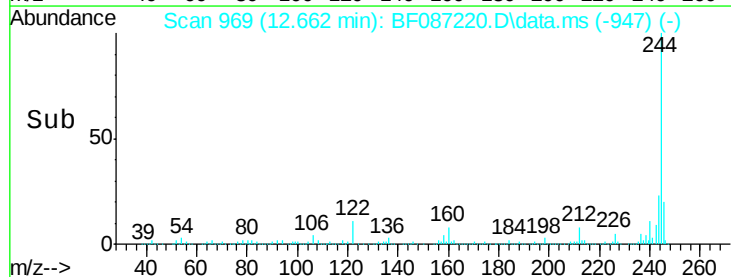
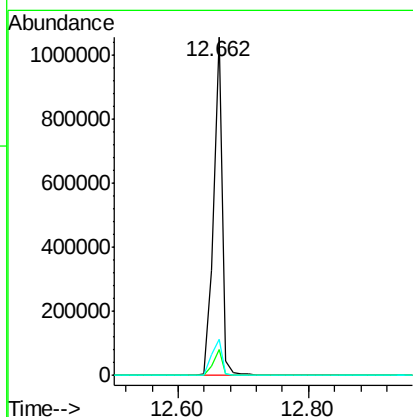
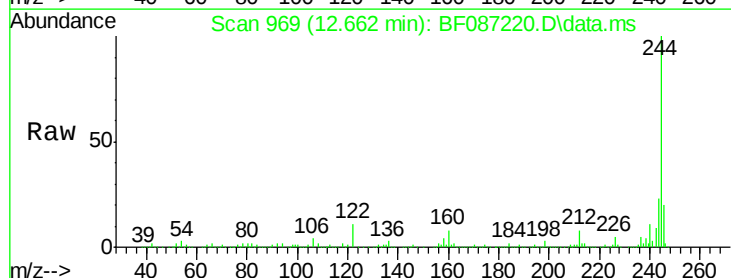
Tgt Ion:244 Resp: 998407

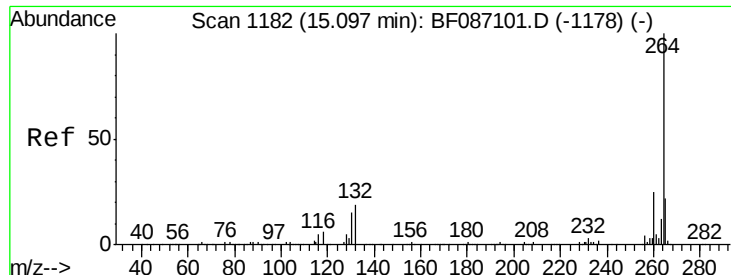
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.7 12.0 18.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.062 min Scan# 11
 Delta R.T. -0.046 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.3	25.9

