

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
 Data File : BF090084.D
 Acq On : 15 Sep 2016 11:28
 Operator : UM/SJ
 Sample : PB93338BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

Quant Time: Sep 15 13:41:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

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

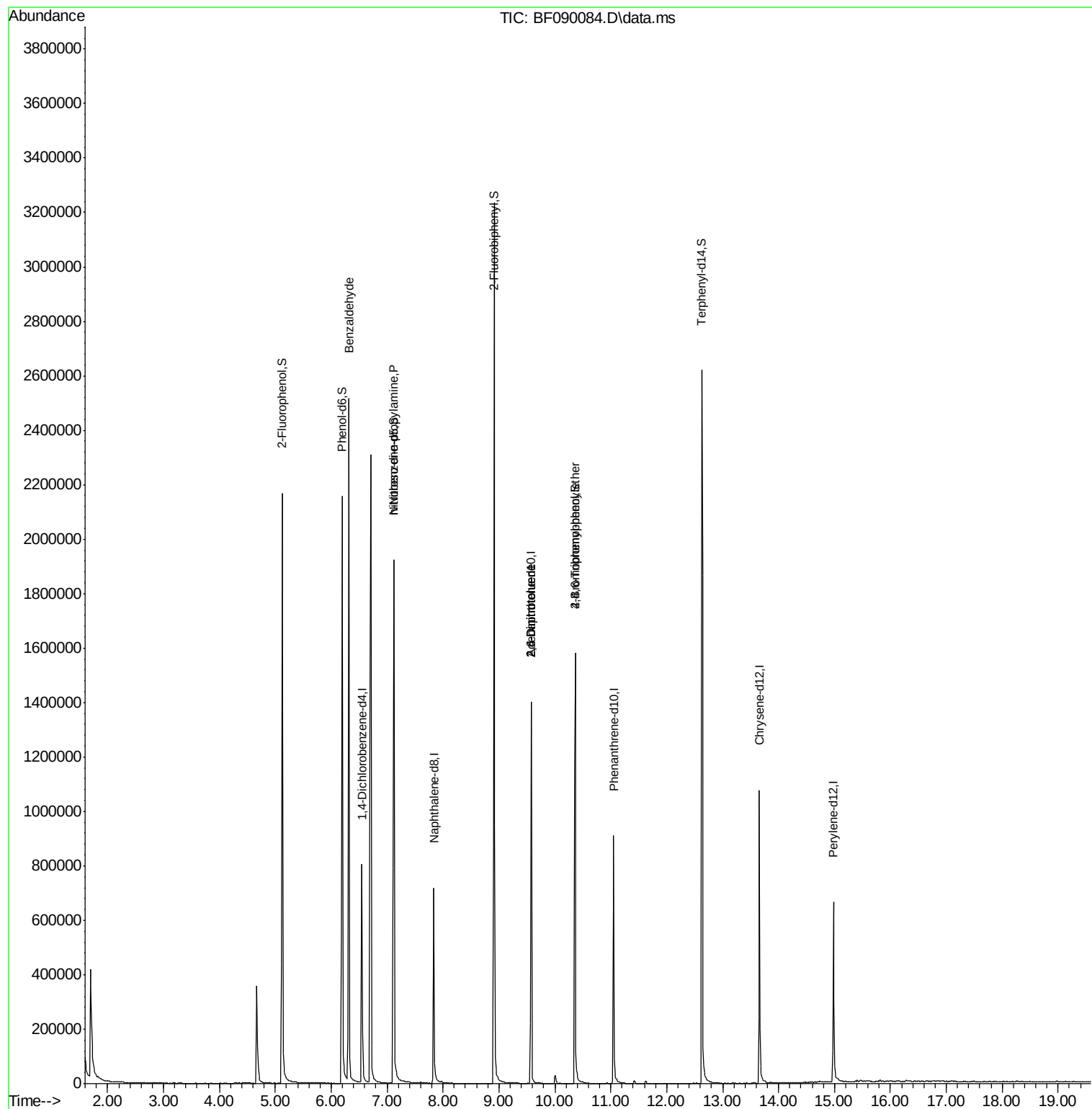
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	140705	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	552713	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	311877	20.00	ng	-0.01
63) Phenanthrene-d10	11.051	188	503036	20.00	ng	0.00
75) Chrysene-d12	13.657	240	436072	20.00	ng	-0.01
86) Perylene-d12	14.982	264	316209	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	1087315	124.28	ng	0.00
7) Phenol-d6	6.193	99	1446826	126.32	ng	-0.01
23) Nitrobenzene-d5	7.119	82	850312	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	300917	96.05	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	1305833	65.76	ng	-0.01
78) Terphenyl-d14	12.628	244	1241412	67.61	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.319	77	22006	3.60	ng	80
19) n-Nitroso-di-n-propyla...	7.119	70	102746	14.44	ng	# 78
50) 2,6-Dinitrotoluene	9.576	165	38804	7.50	ng	# 19
56) 2,4-Dinitrotoluene	9.576	165	38806	6.15	ng	# 14
66) 4-Bromophenyl-phenylether	10.365	248	16472	3.40	ng	# 1

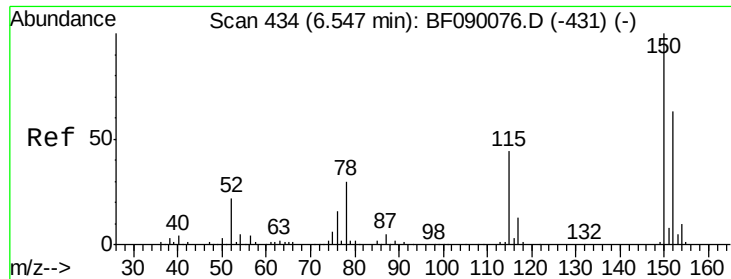
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

Instrument :

BNA_F

ClientSampleId :

PB93381BL

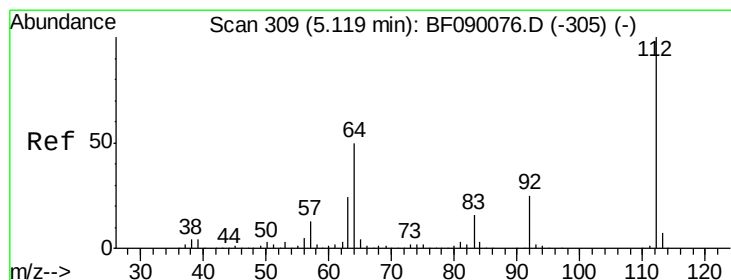
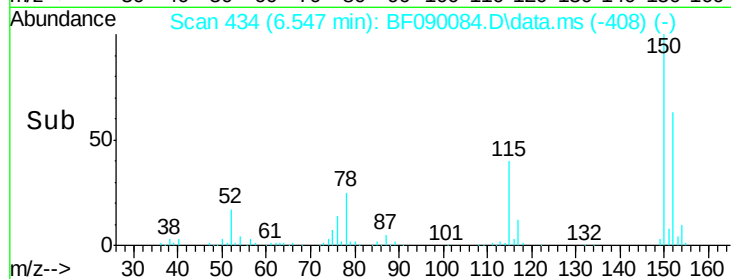
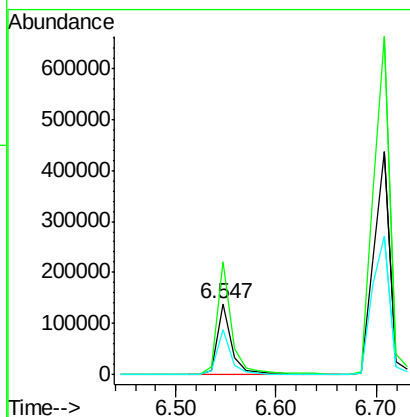
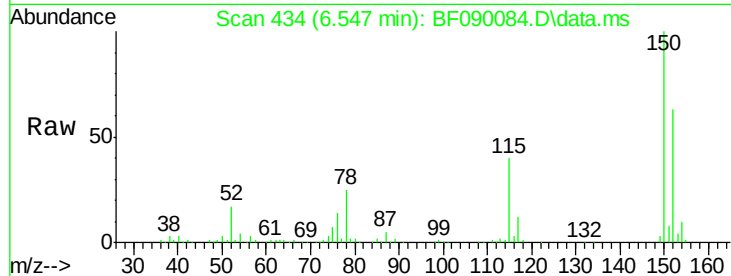
Tot Ion:152 Resp: 140705

Ion Ratio Lower Upper

152 100

150 157.6 128.9 193.3

115 63.6 55.5 83.3



#5

2-Fluorophenol

Concen: 124.28 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.000 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

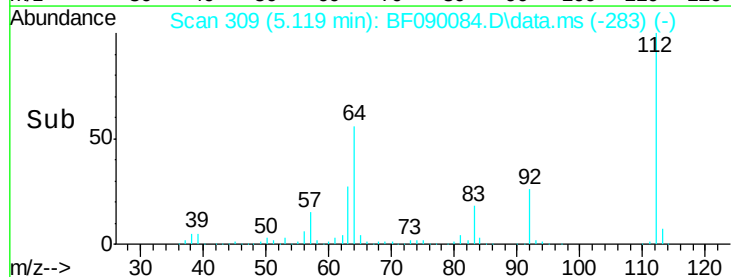
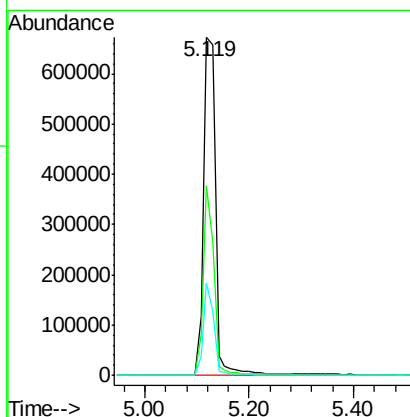
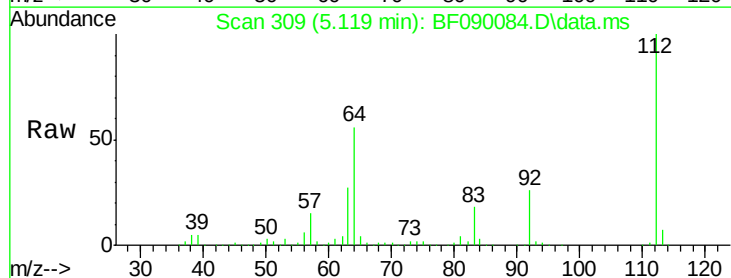
Tgt Ion:112 Resp: 1087315

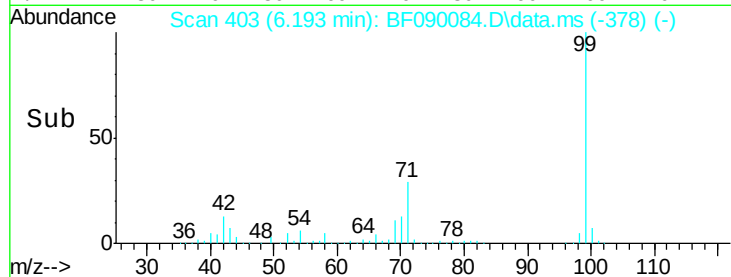
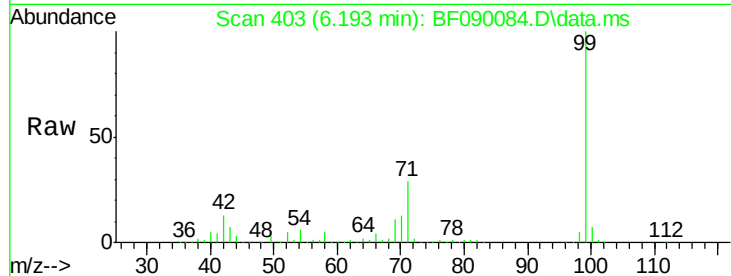
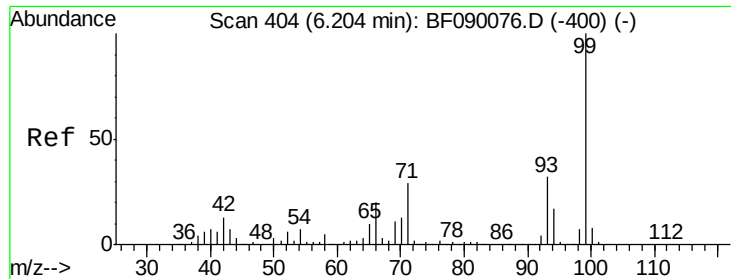
Ion Ratio Lower Upper

112 100

64 56.0 39.8 59.6

63 27.3 18.9 28.3





#7

Phenol-d6

Concen: 126.32 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

Instrument :

BNA_F

ClientSampleId :

PB93381BL

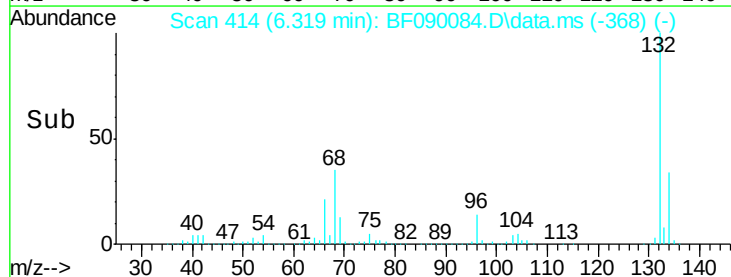
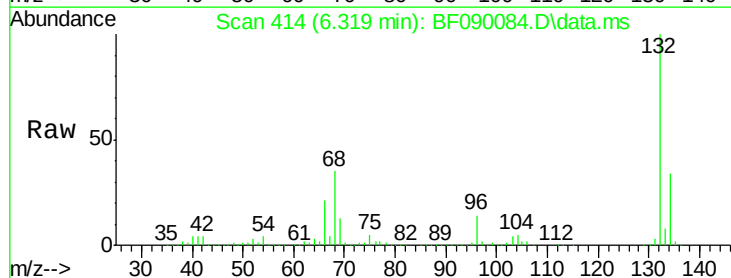
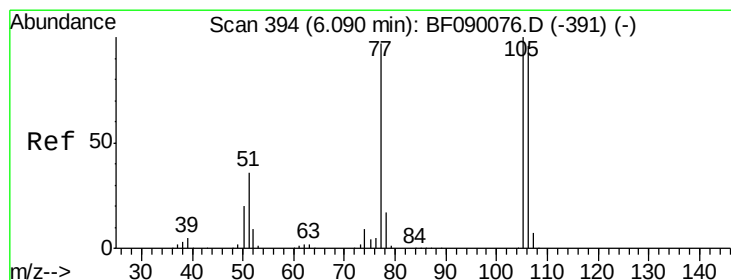
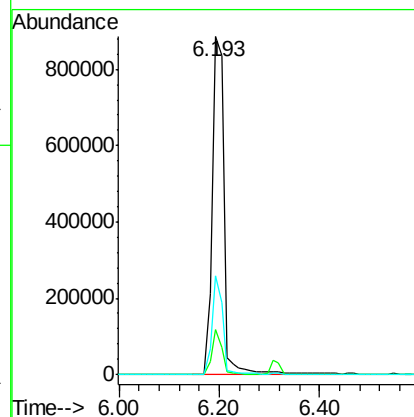
Tot Ion: 99 Resp: 1446826

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 29.2 23.0 34.6



#9

Benzaldehyde

Concen: 3.60 ng

RT: 6.319 min Scan# 414

Delta R.T. 0.229 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

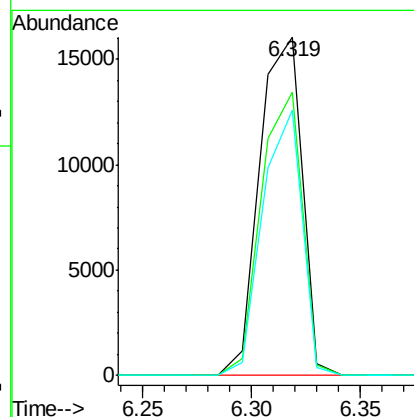
Tgt Ion: 77 Resp: 22006

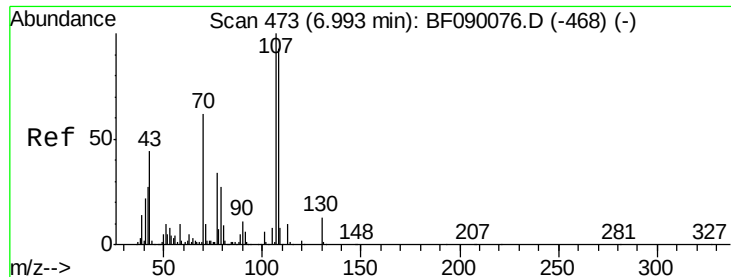
Ion Ratio Lower Upper

77 100

105 83.7 83.0 123.0

106 78.5 78.5 118.5

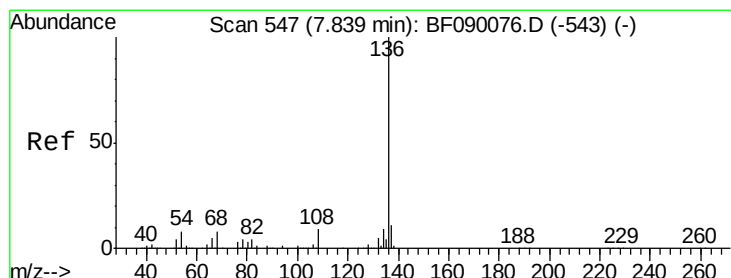
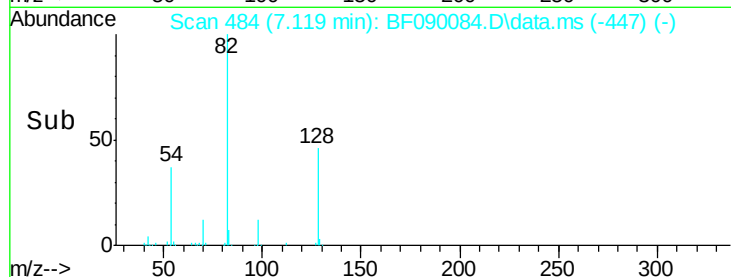
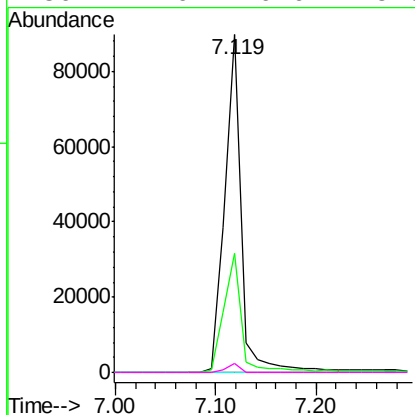
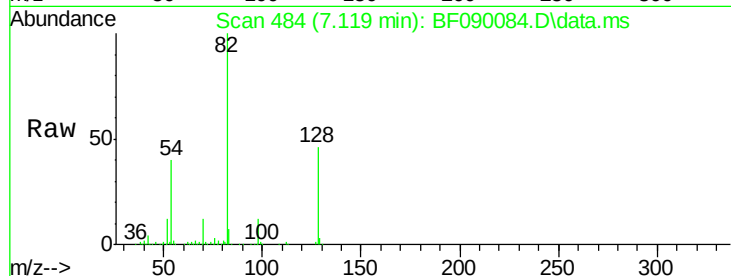




#19
n-Nitroso-di-n-propylamine
Concen: 14.44 ng
RT: 7.119 min Scan# 48
Delta R.T. 0.126 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

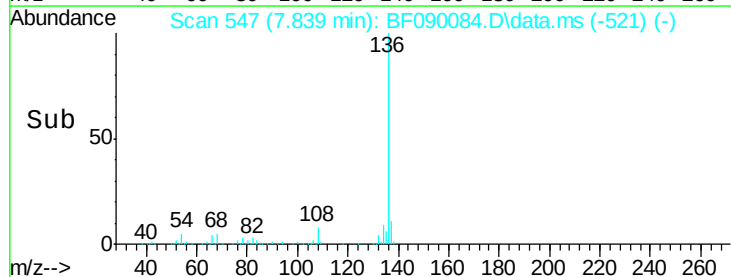
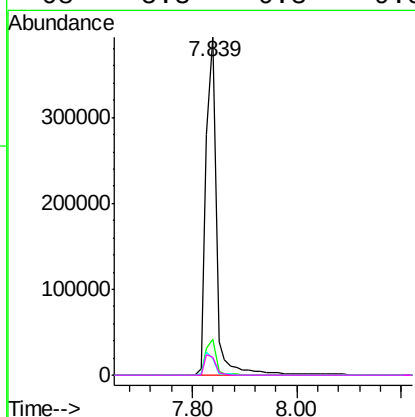
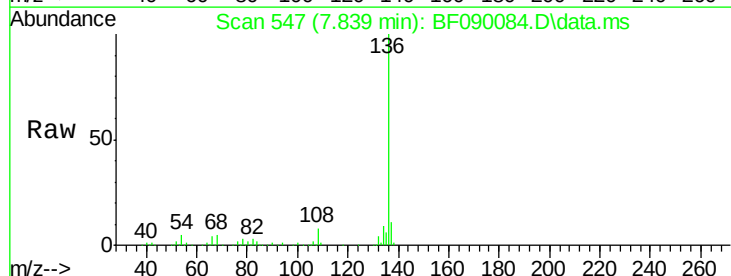
Instrument :
BNA_F
ClientSampleId :
PB93381BL

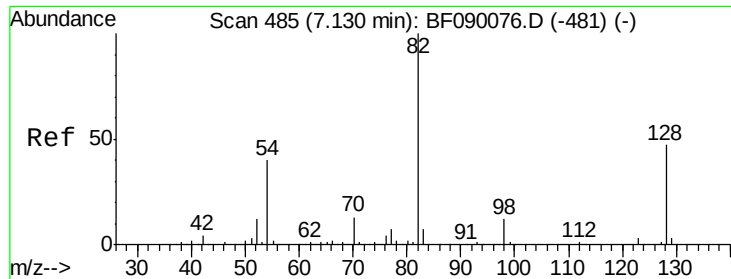
Tot Ion: 70 Resp: 102746
Ion Ratio Lower Upper
70 100
42 35.3 35.1 52.7
101 0.0 7.5 11.3#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Tgt Ion: 136 Resp: 552713
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.1 6.4 9.6#
68 5.3 6.3 9.5#

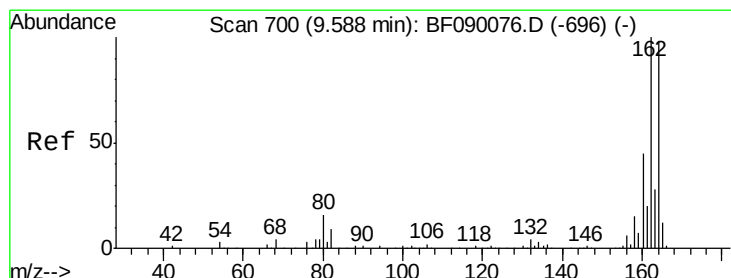
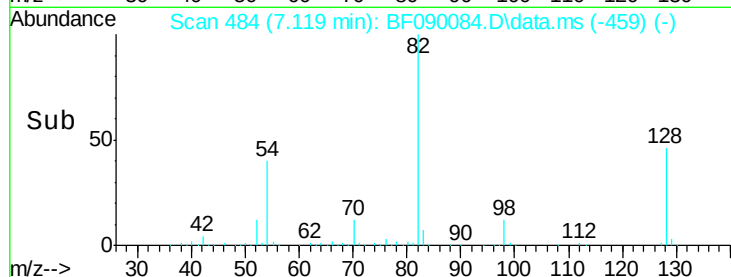
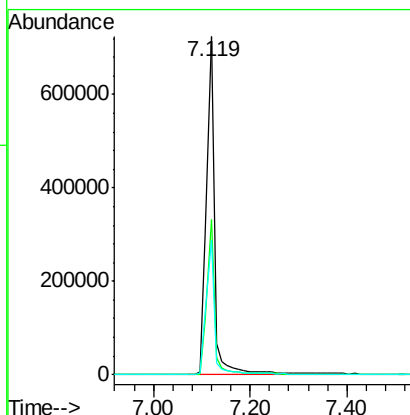
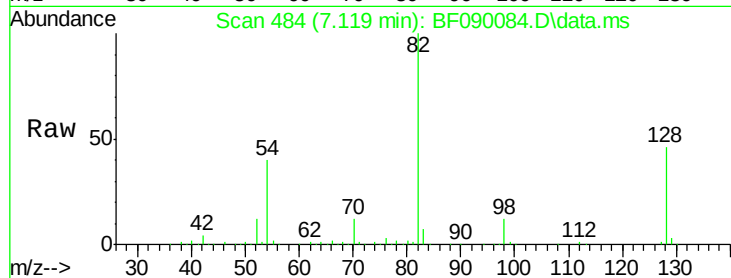




#23
 Nitrobenzene-d5
 Concen: 86.50 ng
 RT: 7.119 min Scan# 48
 Delta R.T. -0.011 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

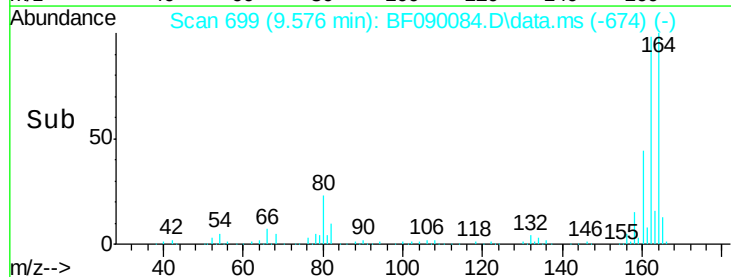
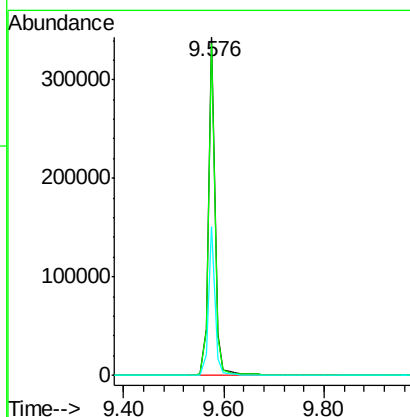
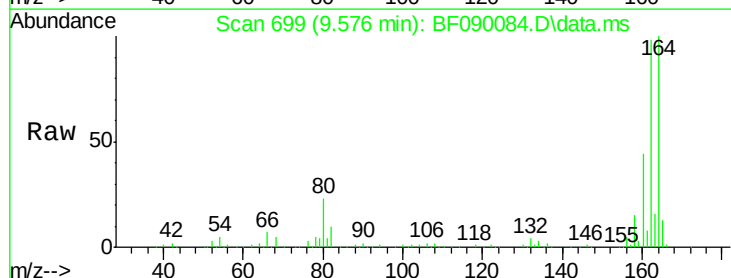
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

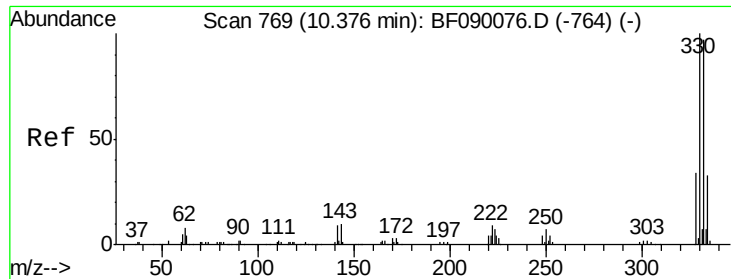
Tot Ion	82	Resp	850312
Ion Ratio	100	Lower	Upper
128	45.7	37.5	56.3
54	39.8	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.576 min Scan# 699
 Delta R.T. -0.011 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion	164	Resp	311877
Ion Ratio	100	Lower	Upper
162	98.2	81.4	122.2
160	43.9	36.6	54.8

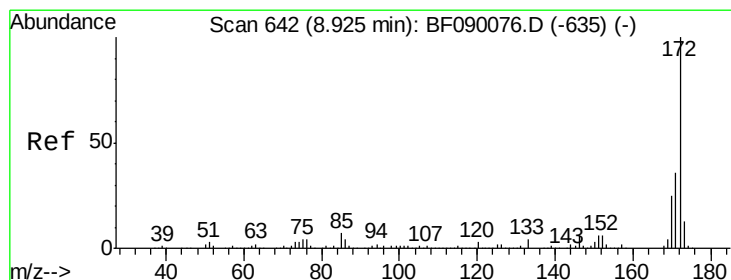
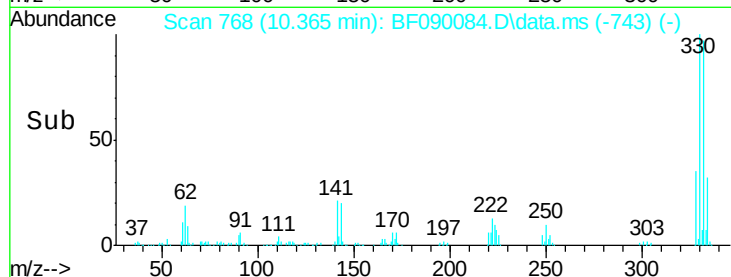
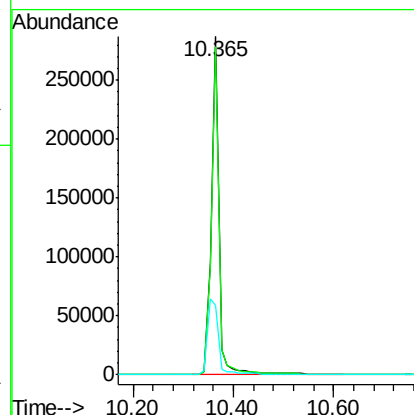
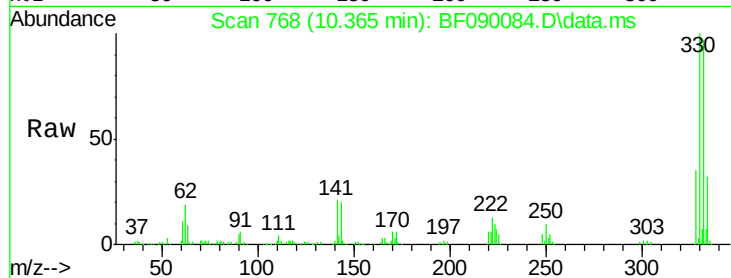




#41
 2,4,6-Tribromophenol
 Concen: 96.05 ng
 RT: 10.365 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

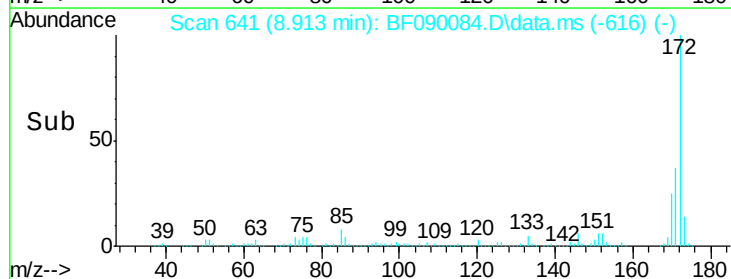
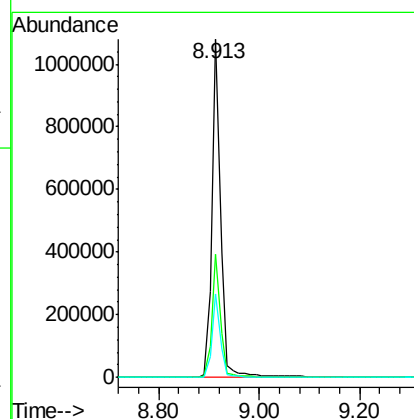
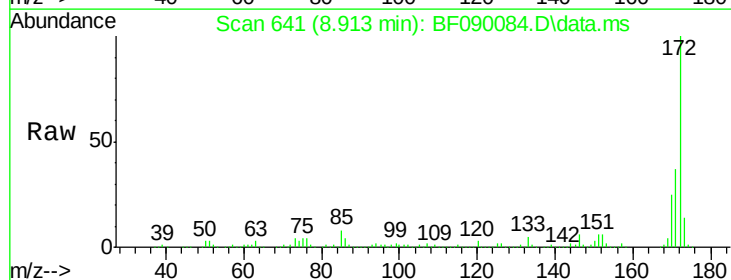
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

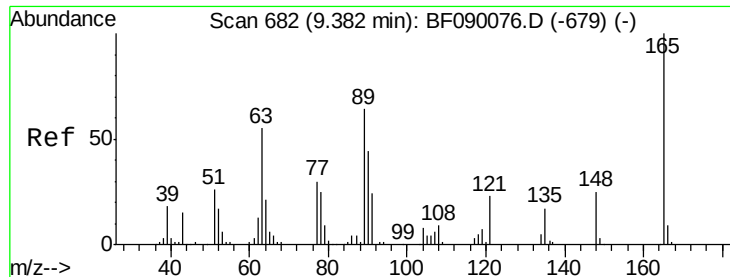
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	32.1	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 65.76 ng
 RT: 8.913 min Scan# 641
 Delta R.T. -0.011 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.7	19.8	29.8

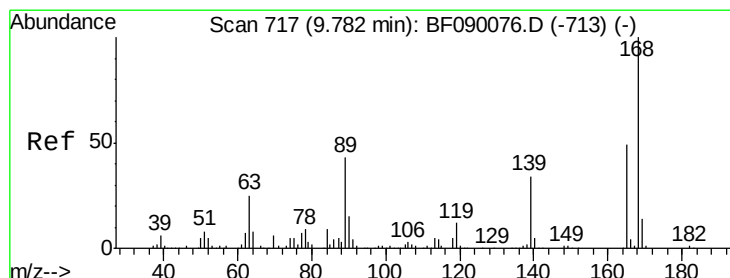
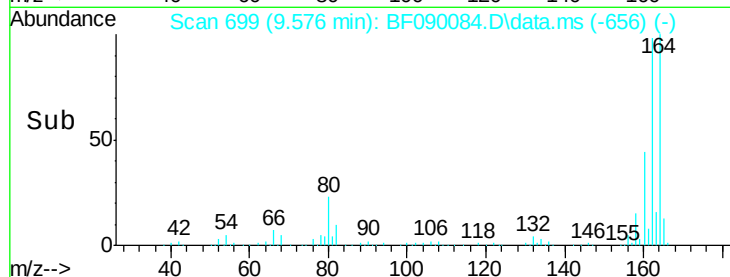
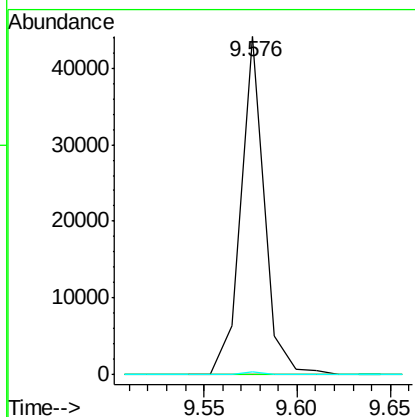
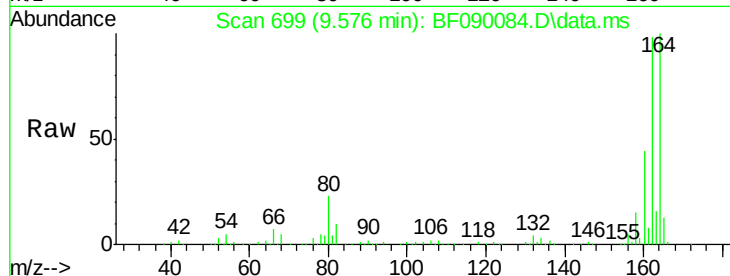




#50
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.576 min Scan# 699
Delta R.T. 0.194 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

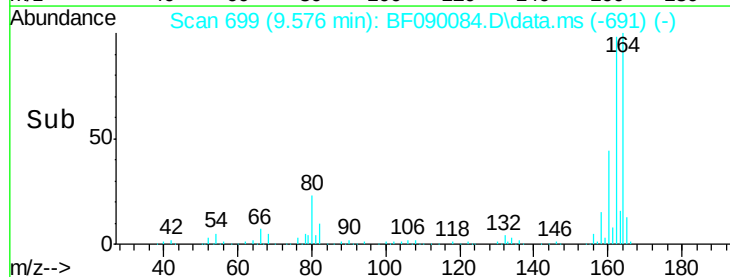
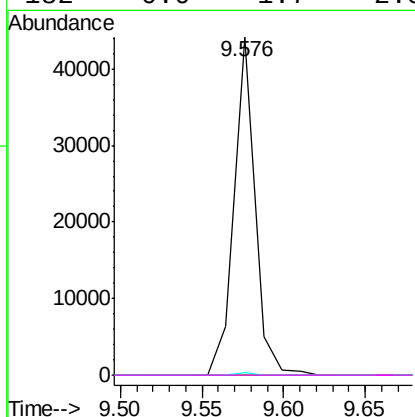
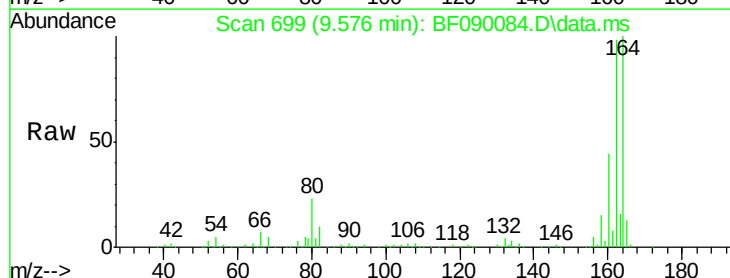
Instrument :
BNA_F
ClientSampleId :
PB93381BL

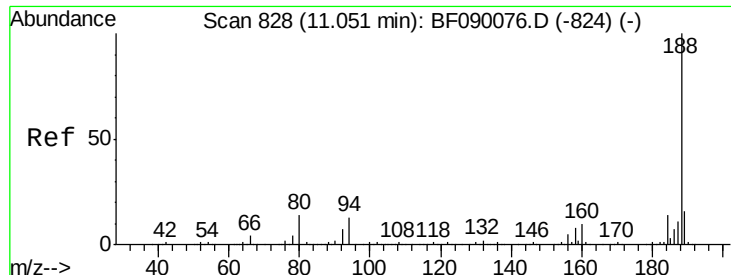
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.9	74.9#
89	0.7	51.0	76.4#



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.576 min Scan# 699
Delta R.T. -0.206 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.4	66.6#
89	0.7	70.1	105.1#
182	0.0	1.7	2.5#

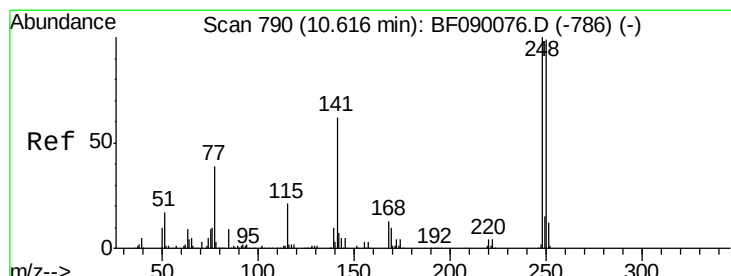
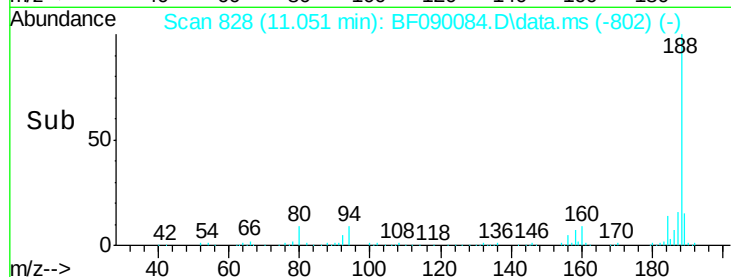
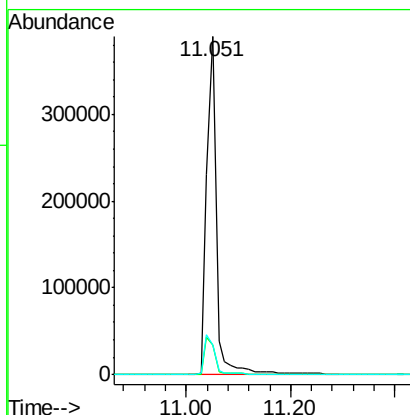
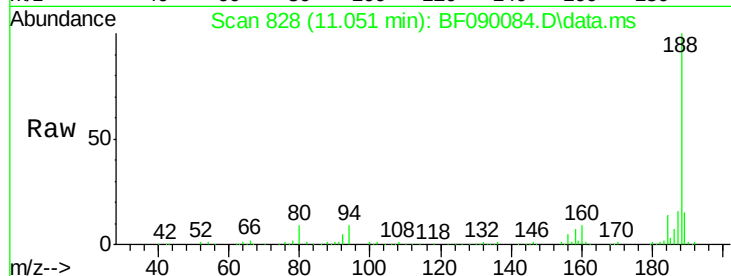




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

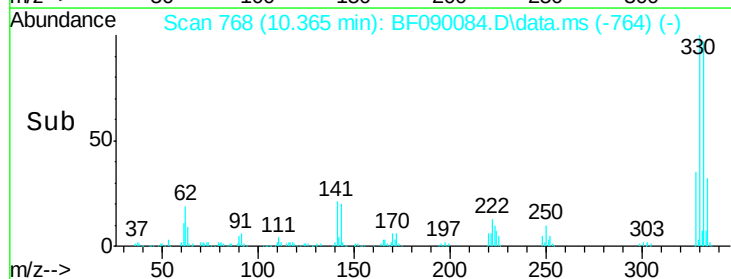
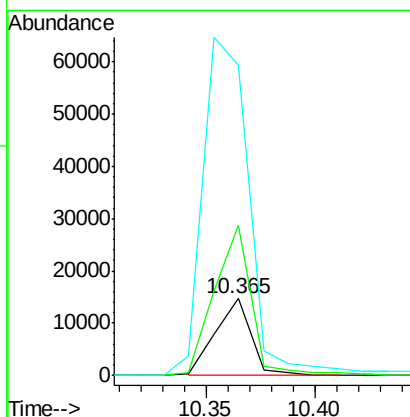
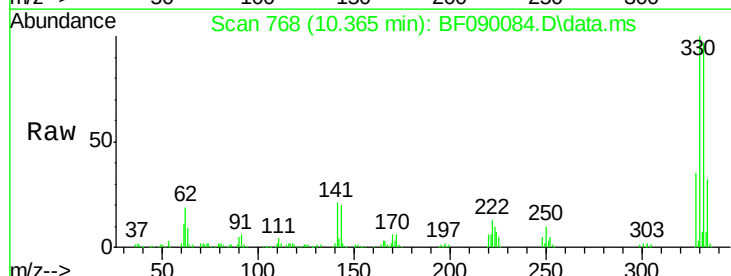
Instrument :
BNA_F
ClientSampleId :
PB93381BL

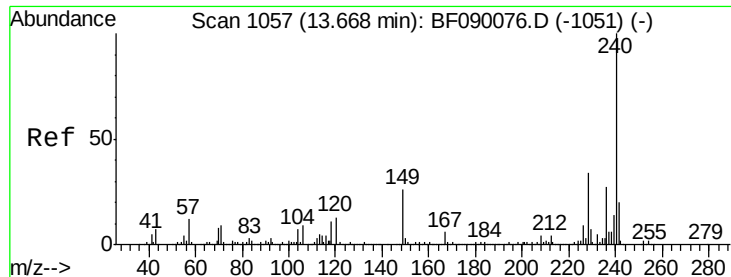
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.5	15.7#
80	8.7	11.2	16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.365 min Scan# 768
Delta R.T. -0.251 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.5	79.4	119.2#
141	402.8	49.3	73.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.657 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

Instrument :

BNA_F

ClientSampleId :

PB93381BL

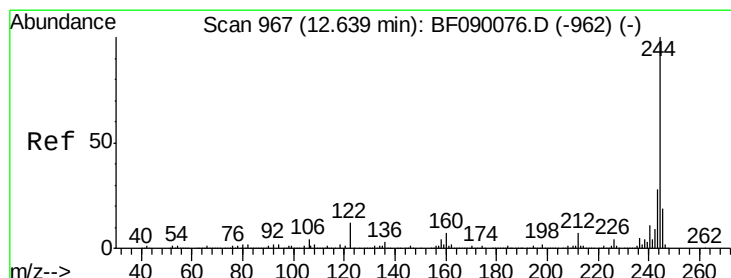
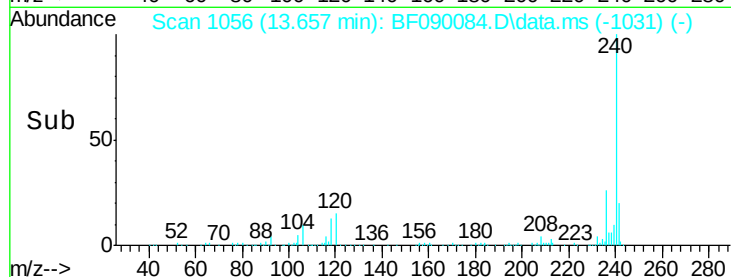
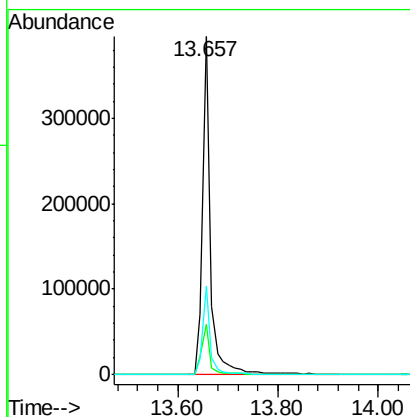
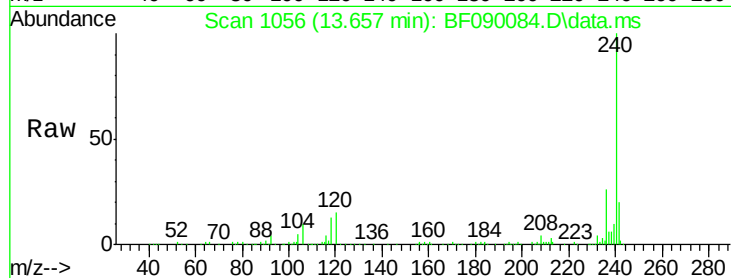
Tot Ion:240 Resp: 436072

Ion Ratio Lower Upper

240 100

120 14.8 10.6 16.0

236 26.1 21.6 32.4



#78

Terphenyl-d14

Concen: 67.61 ng

RT: 12.628 min Scan# 966

Delta R.T. -0.011 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

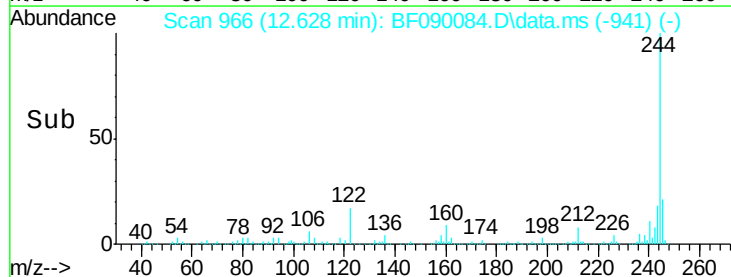
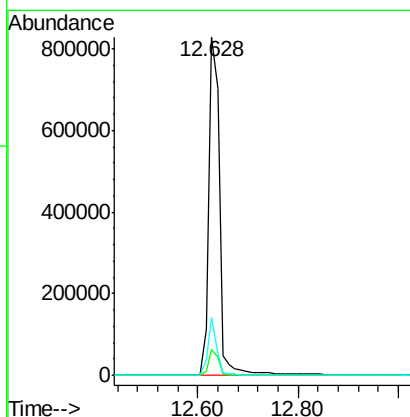
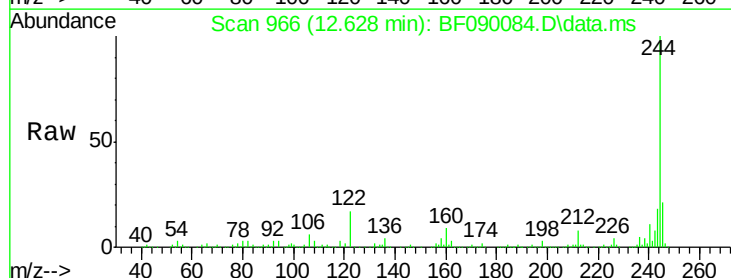
Tgt Ion:244 Resp: 1241412

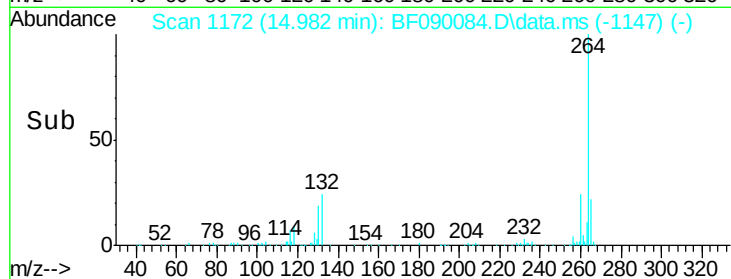
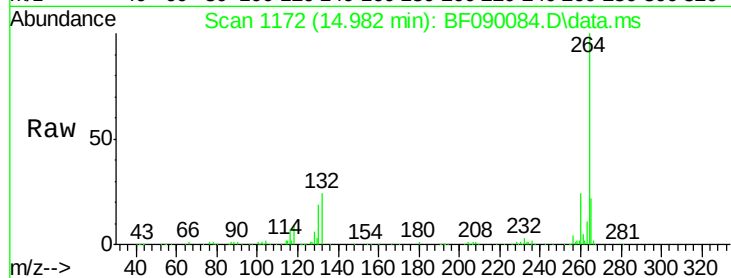
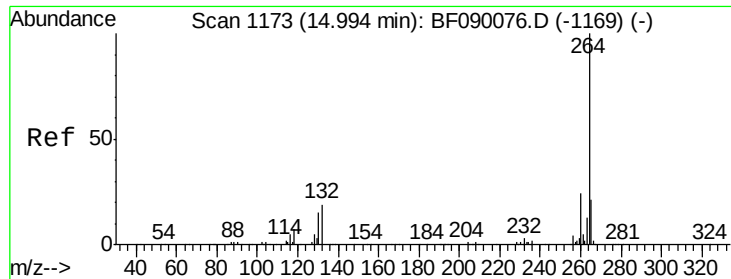
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 17.1 9.4 14.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.982 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Instrument :
BNA_F
ClientSampleId :
PB93381BL

Tot Ion:	264	Resp:	316209
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.7	17.0	25.4

