

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
 Data File : BF090083.D
 Acq On : 15 Sep 2016 11:00
 Operator : UM/SJ
 Sample : PB93355BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 13:41:06 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)

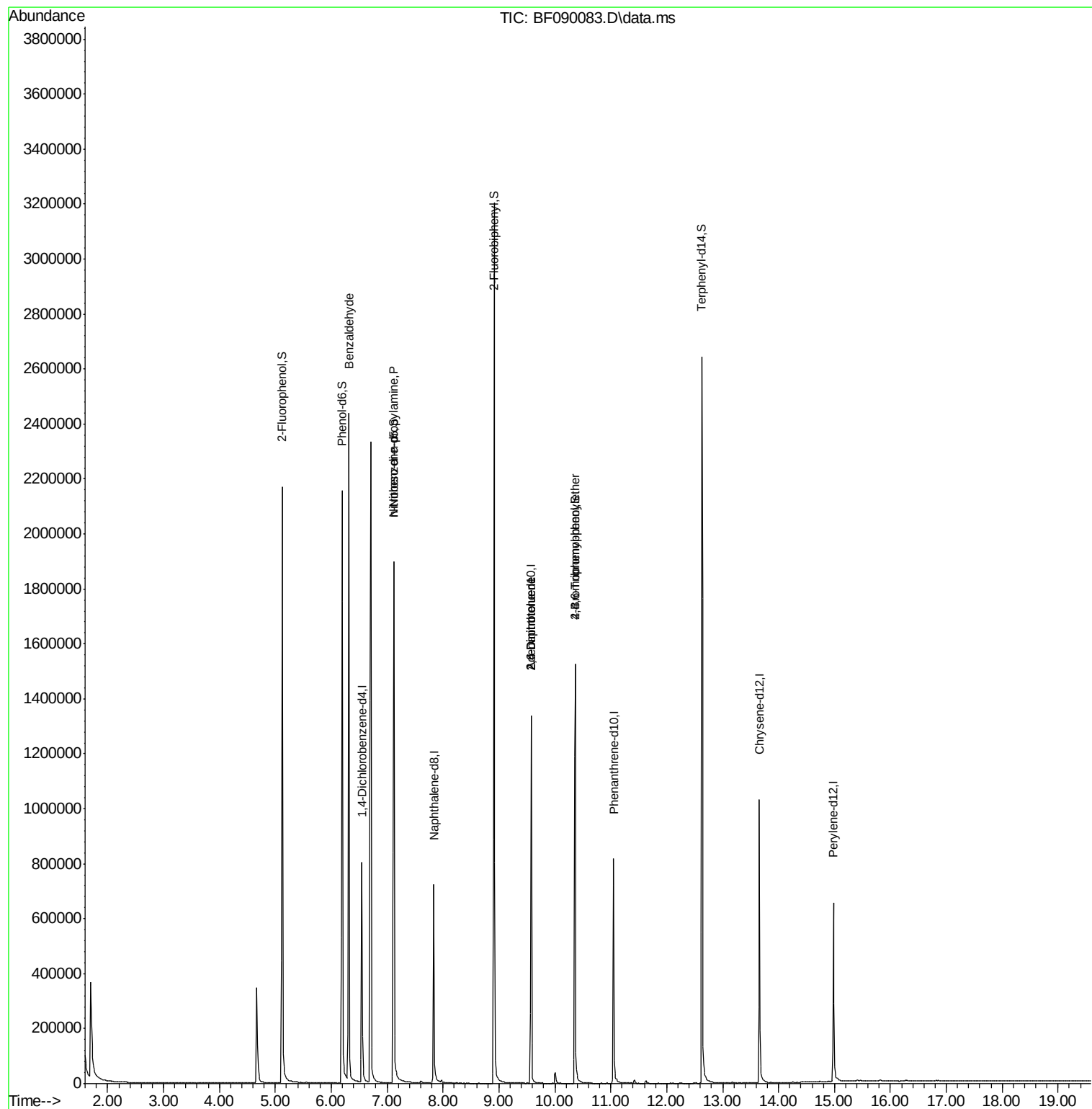
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	140022	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	552681	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	300031	20.00	ng	-0.01
63) Phenanthrene-d10	11.051	188	494187	20.00	ng	0.00
75) Chrysene-d12	13.657	240	428134	20.00	ng	-0.01
86) Perylene-d12	14.983	264	299792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	1082535	124.34	ng	0.00
7) Phenol-d6	6.193	99	1427539	125.24	ng	-0.01
23) Nitrobenzene-d5	7.119	82	847537	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	301566	100.06	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	1257774	65.84	ng	-0.01
78) Terphenyl-d14	12.628	244	1247988	69.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.319	77	21655	3.56	ng	Qvalue 87
19) n-Nitroso-di-n-propyla...	7.119	70	103881	14.67	ng	# 78
50) 2,6-Dinitrotoluene	9.576	165	38766	7.78	ng	# 20
56) 2,4-Dinitrotoluene	9.576	165	38767	6.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.365	248	16714	3.51	ng	# 1

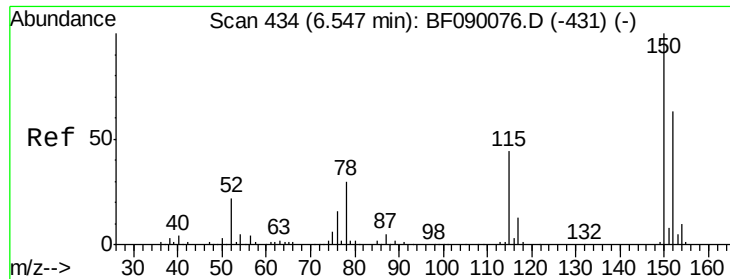
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
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QLast Update : Thu Sep 15 09:41:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

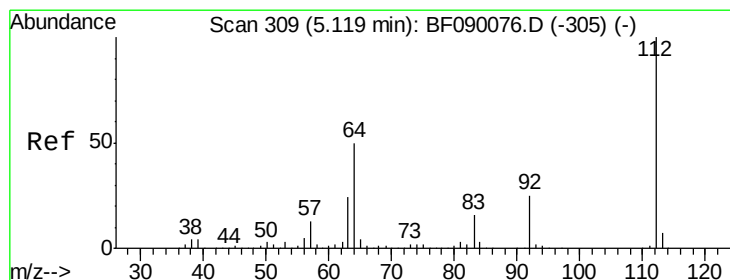
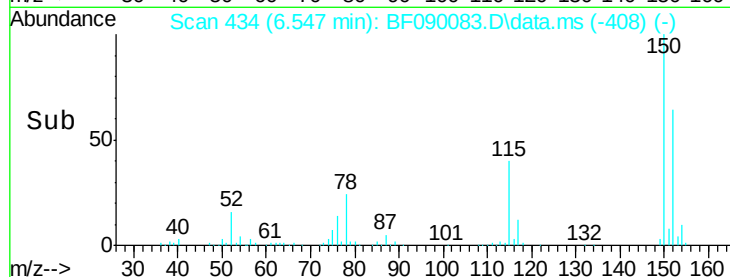
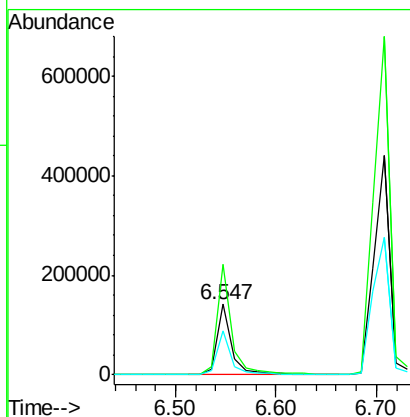
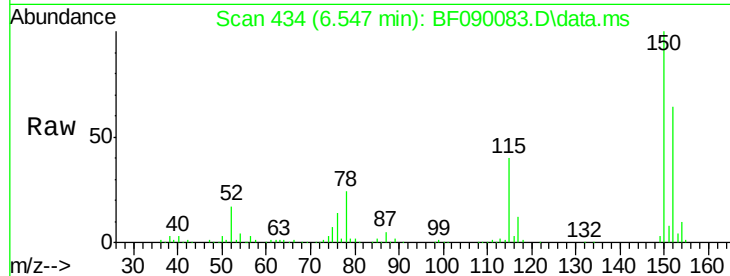
Tot Ion:152 Resp: 140022

Ion Ratio Lower Upper

152 100

150 157.1 128.9 193.3

115 62.6 55.5 83.3



#5

2-Fluorophenol

Concen: 124.34 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.000 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

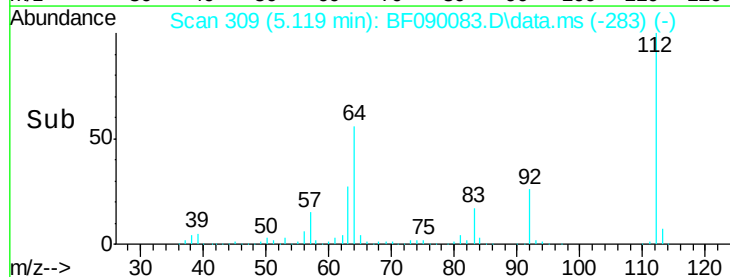
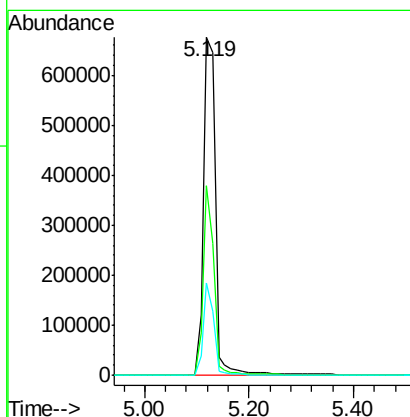
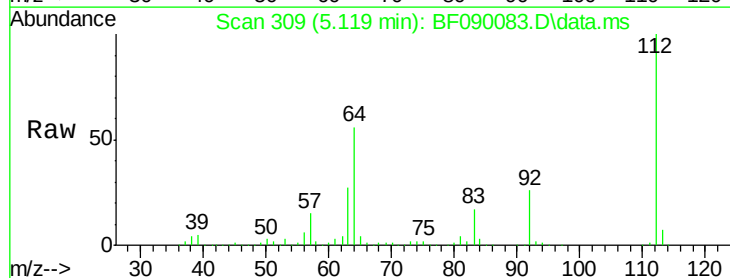
Tgt Ion:112 Resp: 1082535

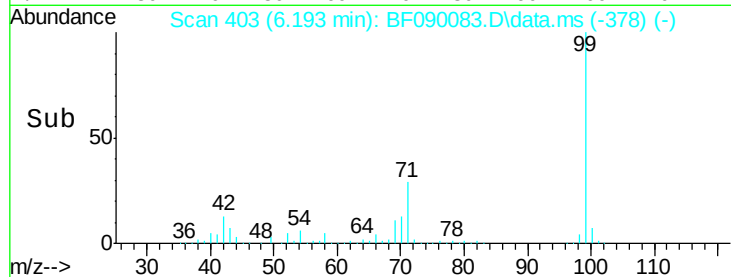
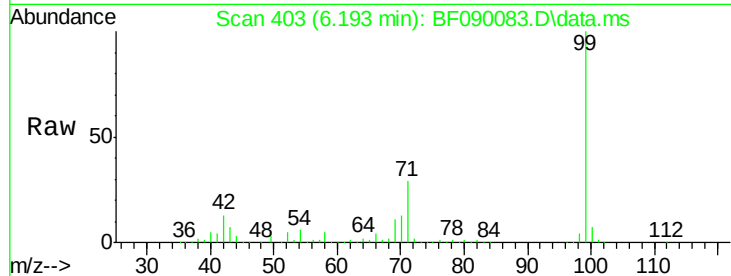
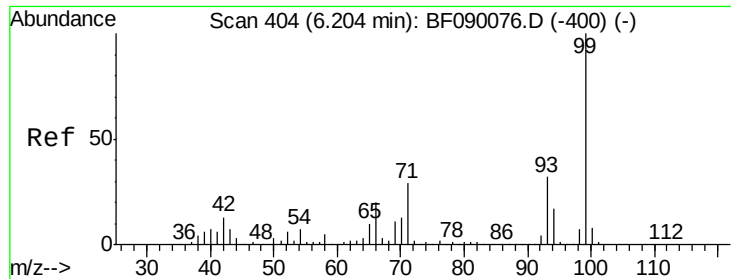
Ion Ratio Lower Upper

112 100

64 56.2 39.8 59.6

63 27.1 18.9 28.3





#7

Phenol-d6

Concen: 125.24 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

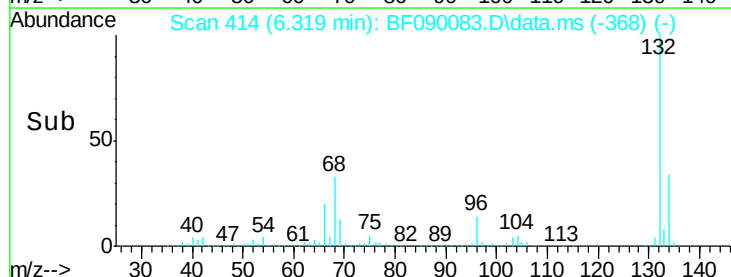
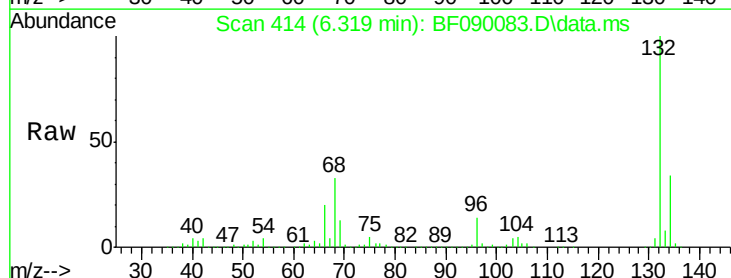
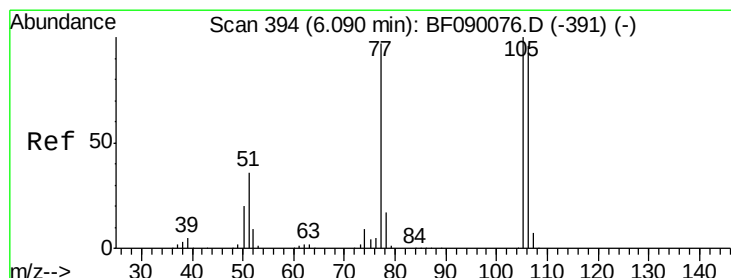
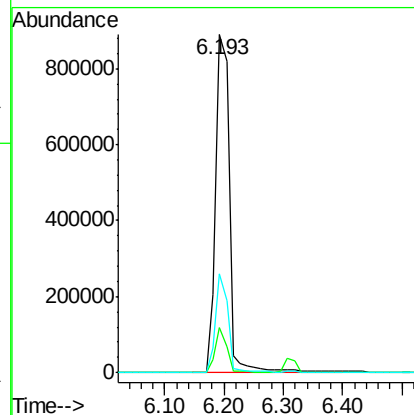
Tot Ion: 99 Resp: 1427539

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 29.1 23.0 34.6



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.319 min Scan# 414

Delta R.T. 0.229 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

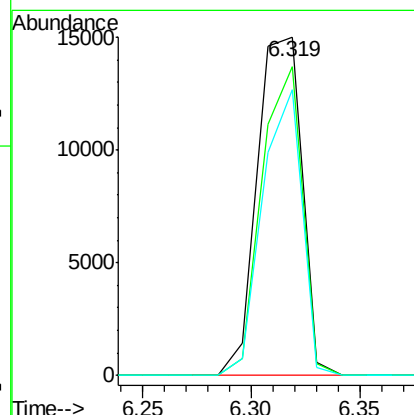
Tgt Ion: 77 Resp: 21655

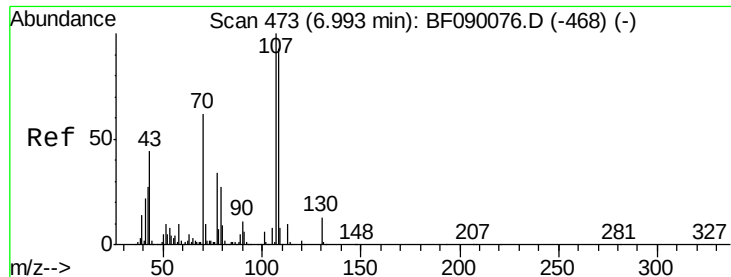
Ion Ratio Lower Upper

77 100

105 91.4 83.0 123.0

106 84.5 78.5 118.5

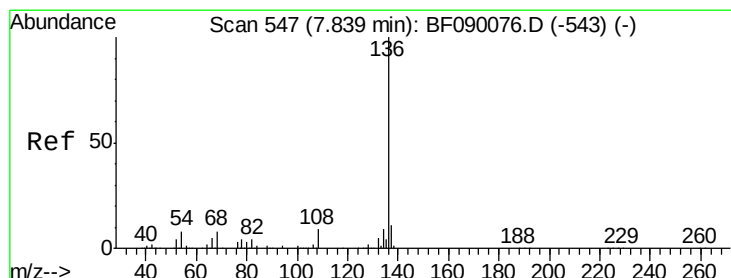
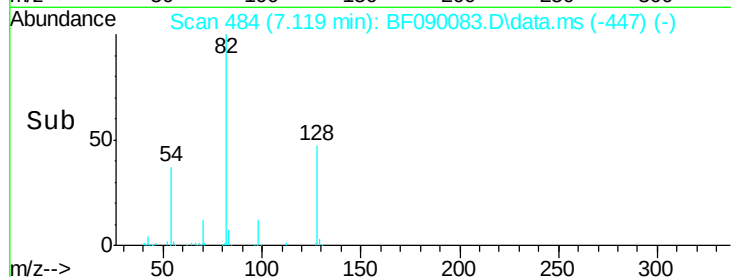
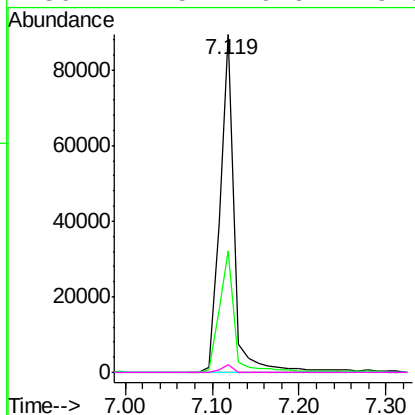
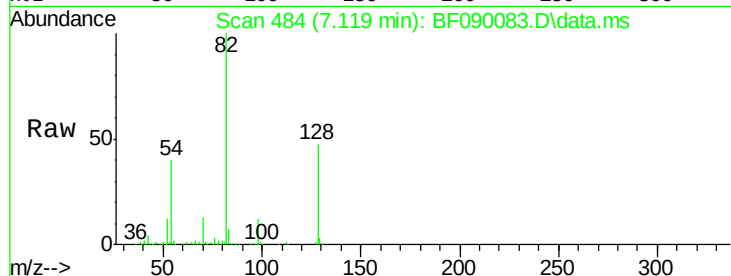




#19
n-Nitroso-di-n-propylamine
Concen: 14.67 ng
RT: 7.119 min Scan# 48
Delta R.T. 0.126 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

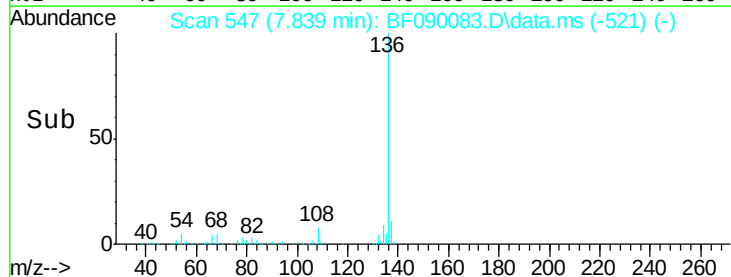
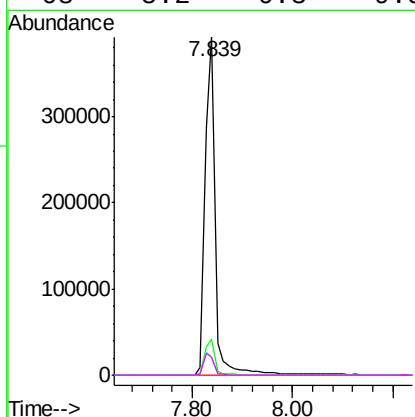
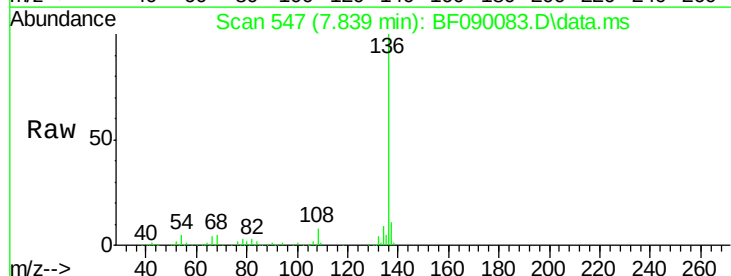
Instrument :
BNA_F
ClientSampleId :

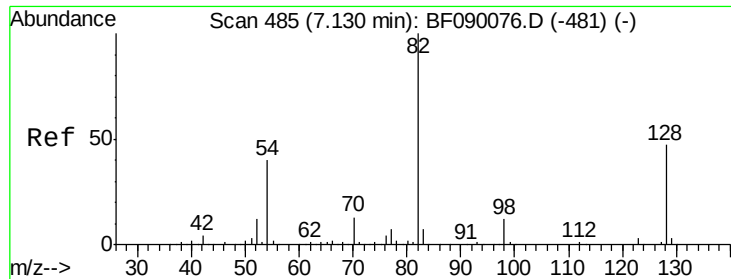
Tot Ion: 70 Resp: 103881
Ion Ratio Lower Upper
70 100
42 35.8 35.1 52.7
101 0.0 7.5 11.3#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

Tgt Ion: 136 Resp: 552681
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.3 6.4 9.6#
68 5.2 6.3 9.5#

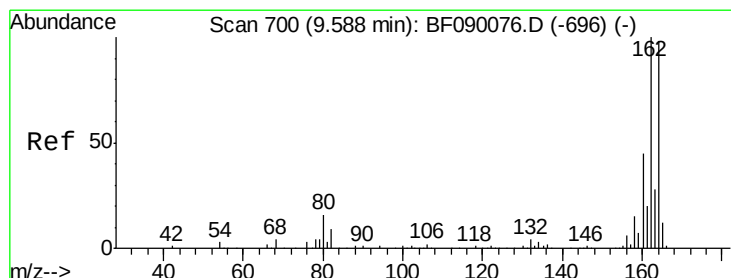
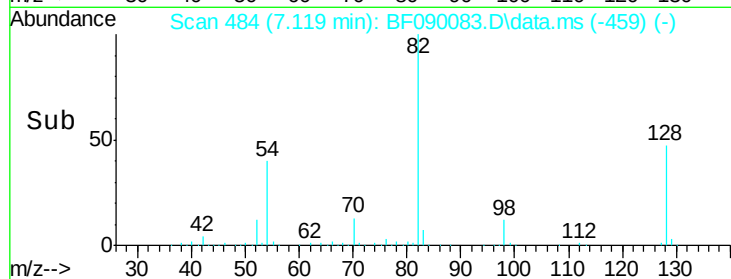
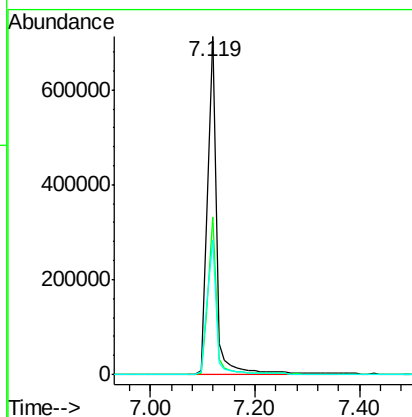
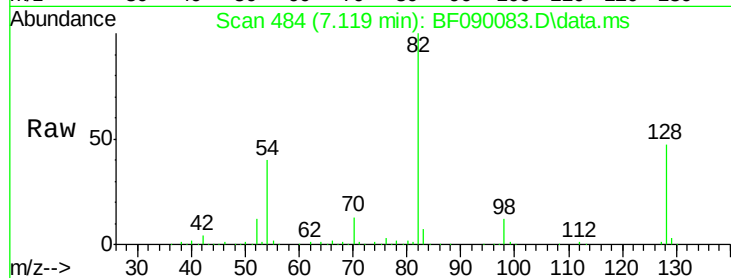




#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 7.119 min Scan# 48
 Delta R.T. -0.011 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

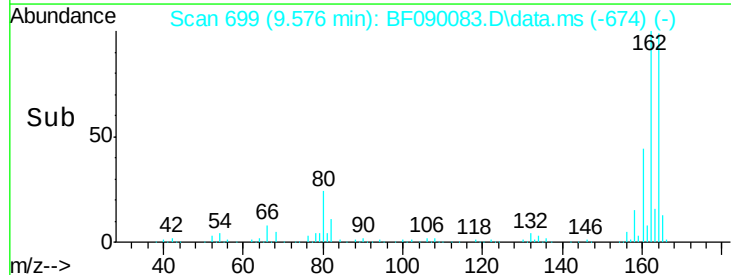
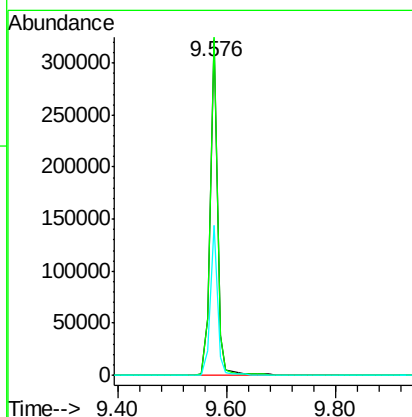
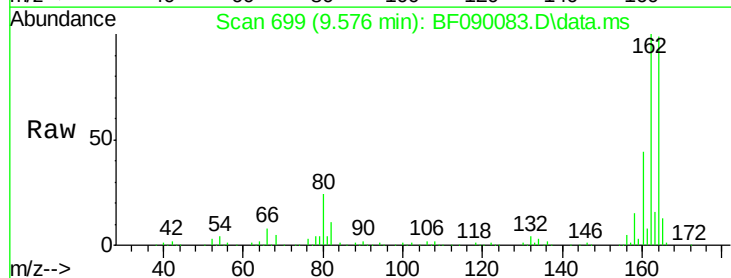
Instrument :
 BNA_F
 ClientSampleId :

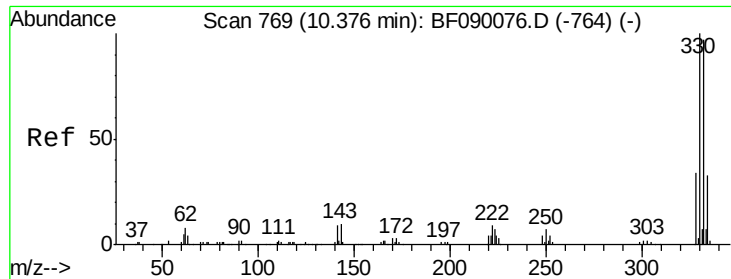
Tot Ion	82	Resp	847537
Ion Ratio	100	Lower	Upper
128	46.6	37.5	56.3
54	39.9	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.576 min Scan# 699
 Delta R.T. -0.011 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion	164	Resp	300031
Ion Ratio	100	Lower	Upper
162	100.7	81.4	122.2
160	44.7	36.6	54.8

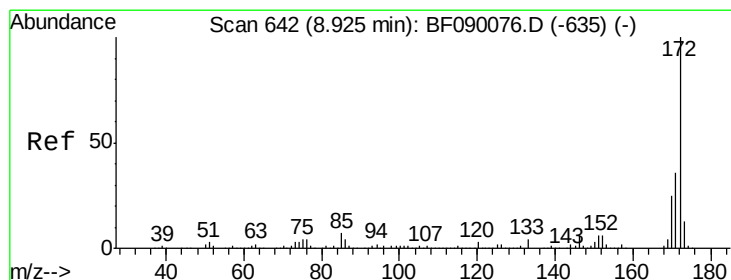
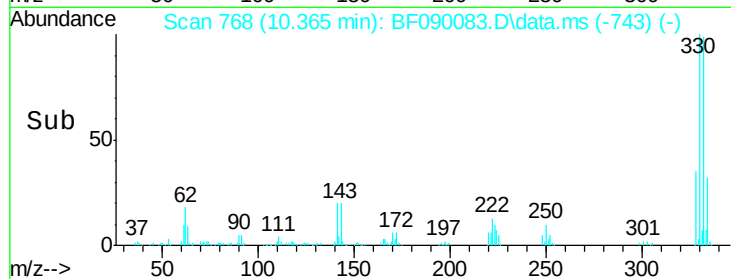
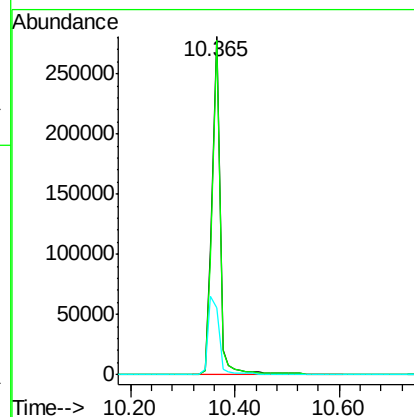
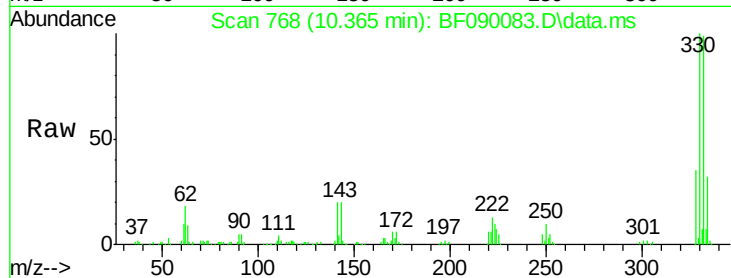




#41
 2,4,6-Tribromophenol
 Concen: 100.06 ng
 RT: 10.365 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

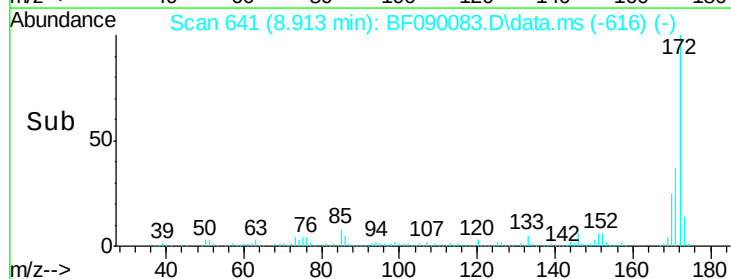
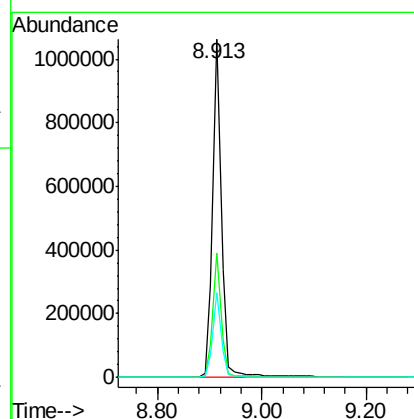
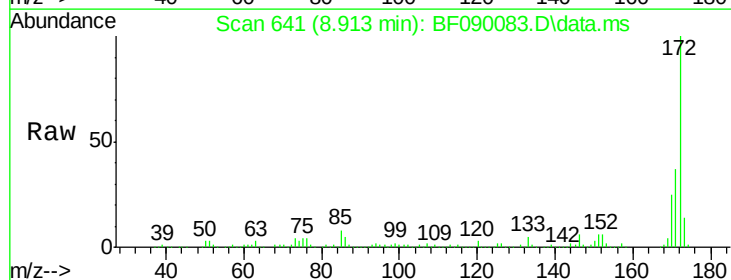
Instrument :
 BNA_F
 ClientSampleId :

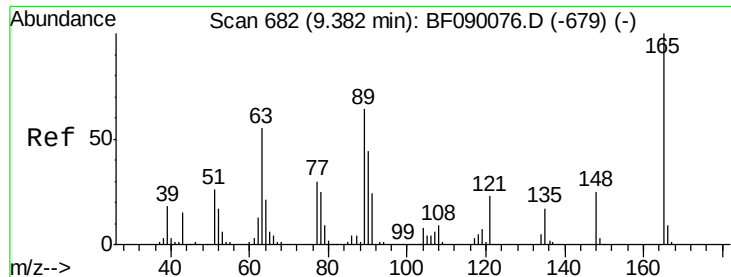
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	31.6	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 8.913 min Scan# 641
 Delta R.T. -0.011 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	24.9	19.8	29.8

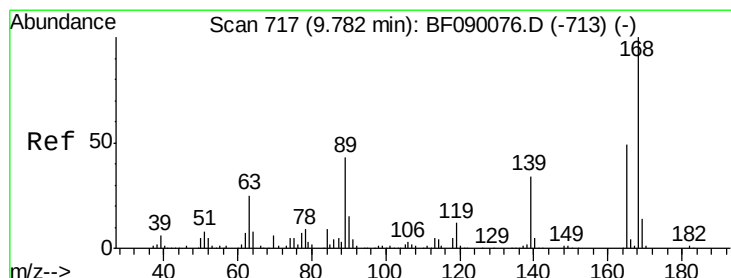
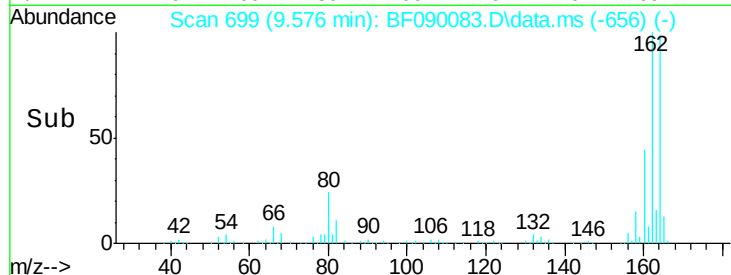
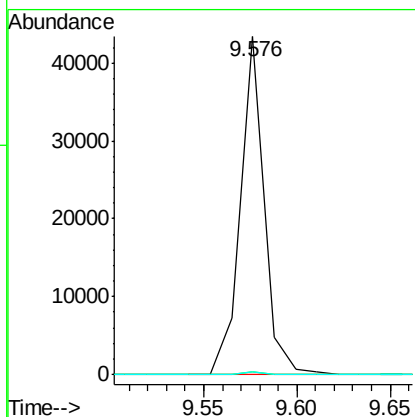
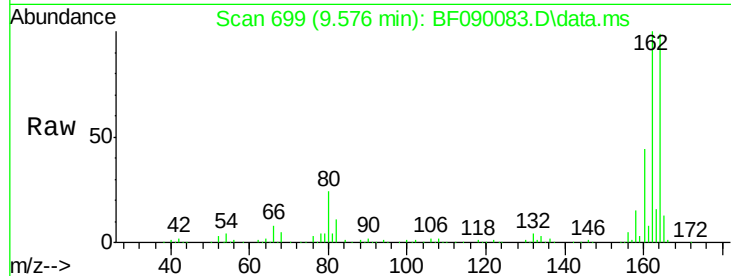




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.576 min Scan# 699
 Delta R.T. 0.194 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

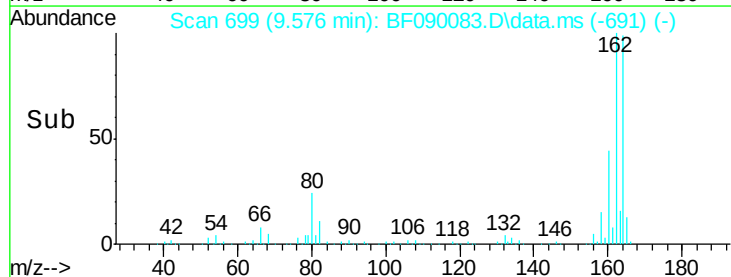
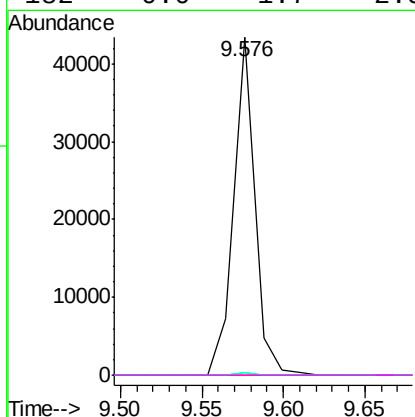
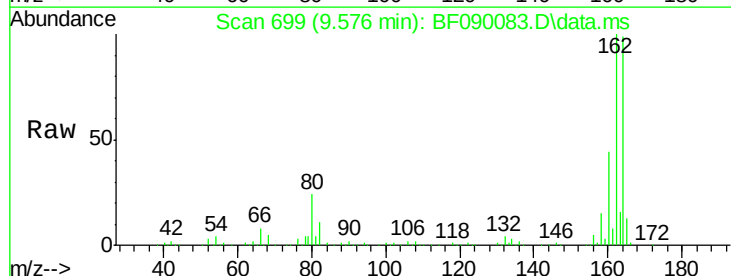
Instrument :
 BNA_F
 ClientSampleId :

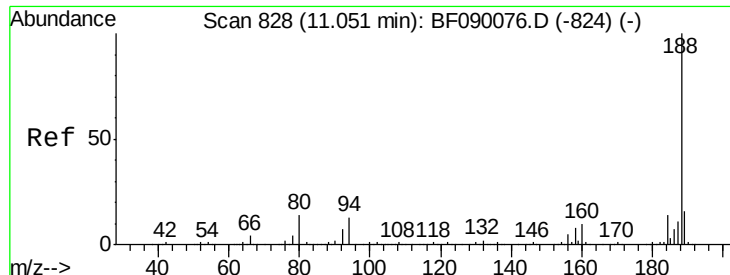
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	49.9	74.9#
89	0.9	51.0	76.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.576 min Scan# 699
 Delta R.T. -0.206 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.4	66.6#
89	0.9	70.1	105.1#
182	0.0	1.7	2.5#

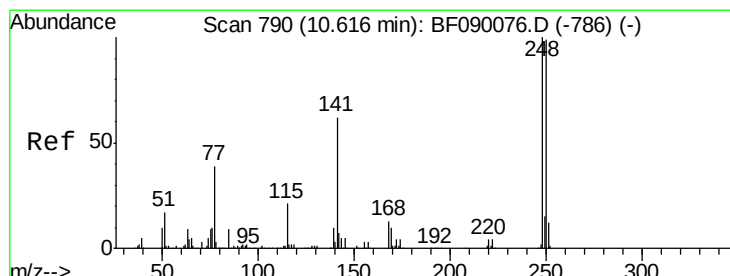
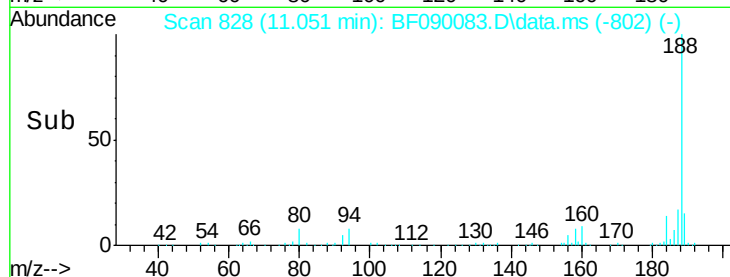
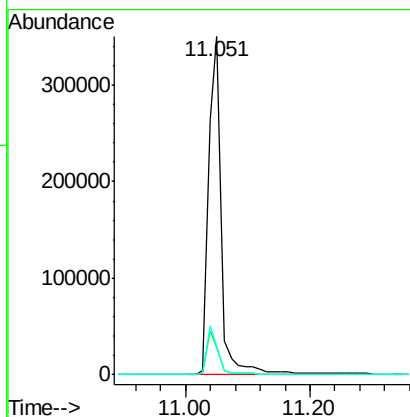
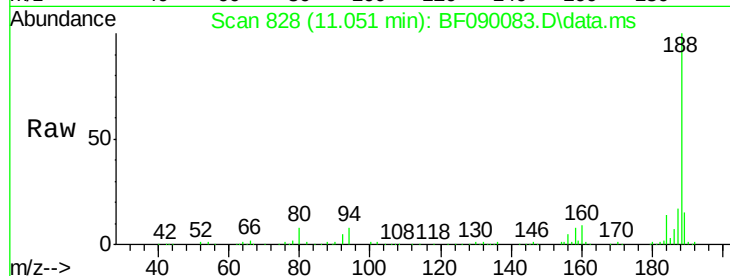




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

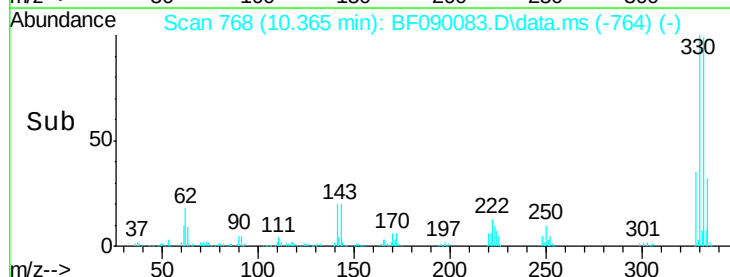
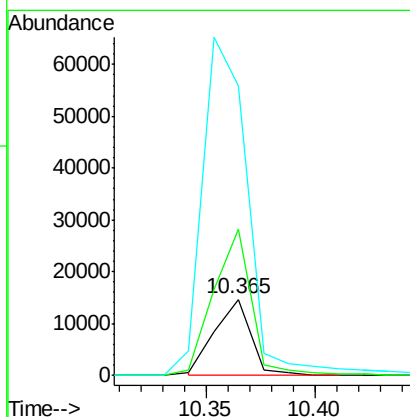
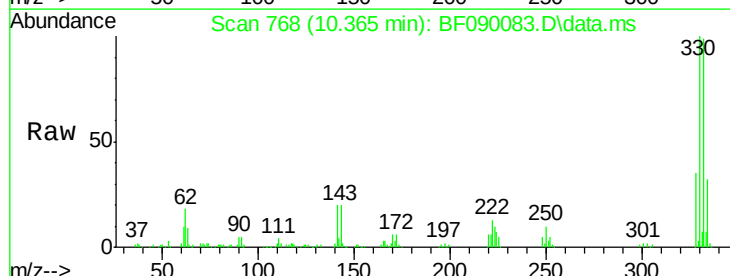
Instrument :
BNA_F
ClientSampleId :

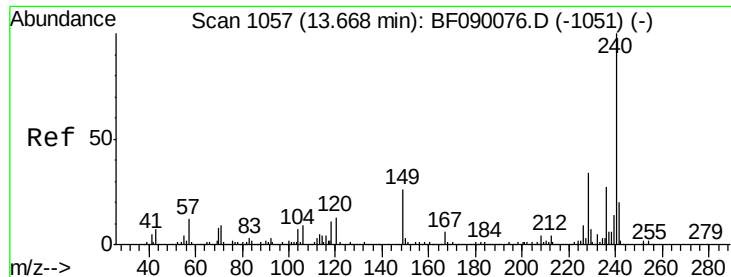
Tot Ion:188 Resp: 494187
Ion Ratio Lower Upper
188 100
94 8.2 10.5 15.7#
80 8.3 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.365 min Scan# 768
Delta R.T. -0.251 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

Tgt Ion:248 Resp: 16714
Ion Ratio Lower Upper
248 100
250 192.4 79.4 119.2#
141 379.8 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: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

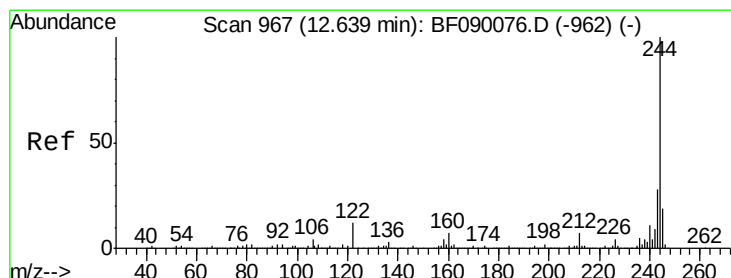
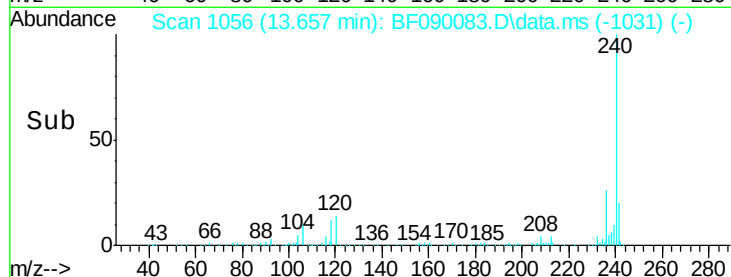
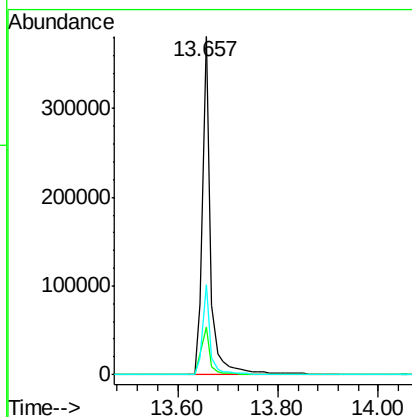
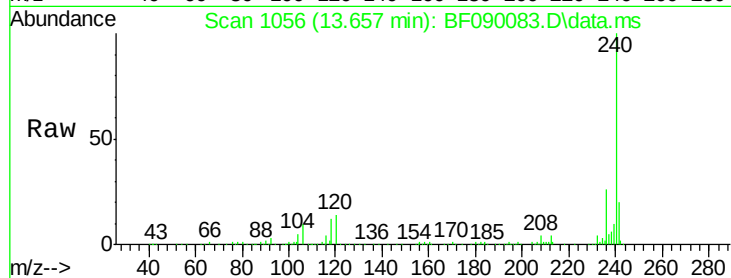
Tot Ion:240 Resp: 428134

Ion Ratio Lower Upper

240 100

120 14.2 10.6 16.0

236 26.5 21.6 32.4



#78

Terphenyl-d14

Concen: 69.22 ng

RT: 12.628 min Scan# 966

Delta R.T. -0.011 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

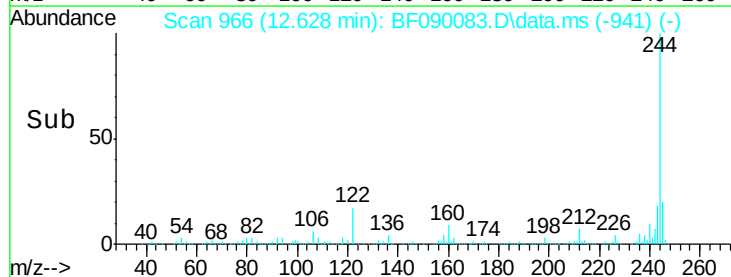
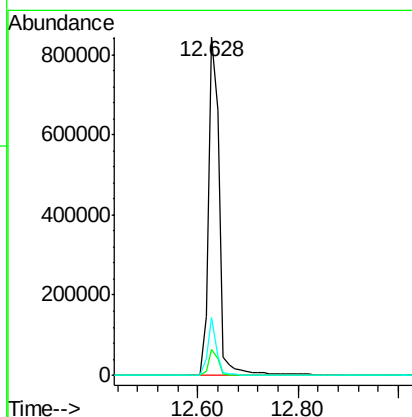
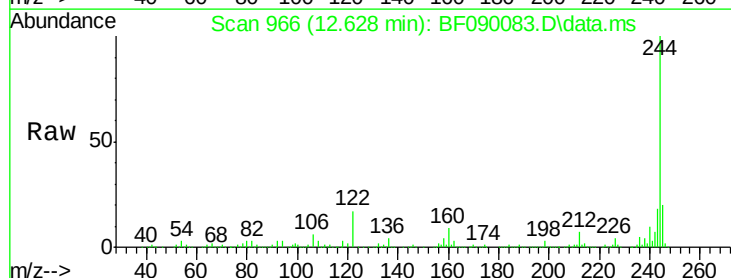
Tgt Ion:244 Resp: 1247988

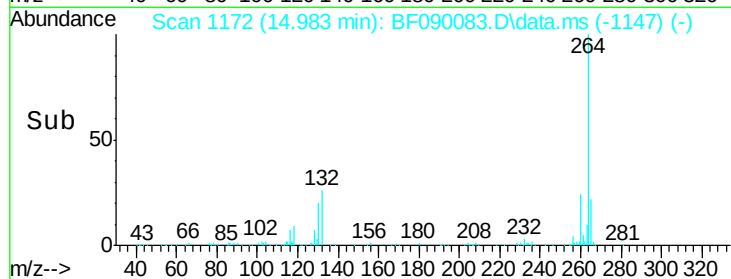
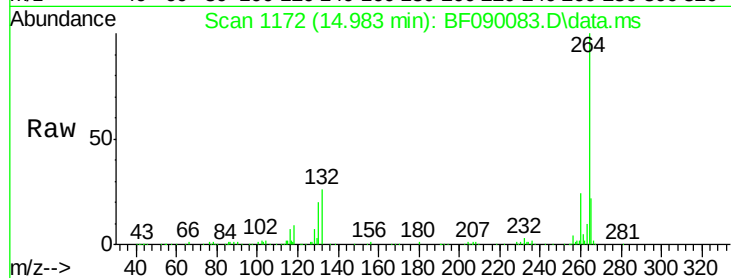
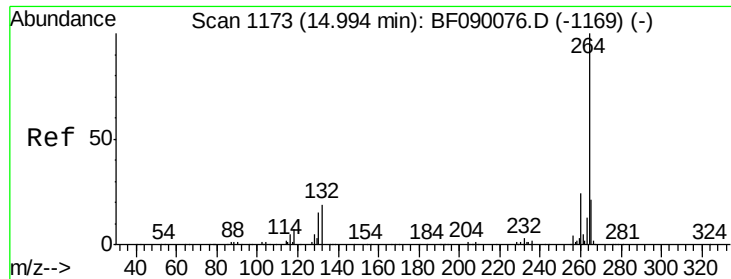
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 16.9 9.4 14.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.983 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.0	25.4

