

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090093.D
 Acq On : 15 Sep 2016 15:54
 Operator : UM/SJ
 Sample : H4716-02RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Quant Time: Sep 15 16:18:21 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 11:18:43 2016
 Response via : Initial Calibration

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

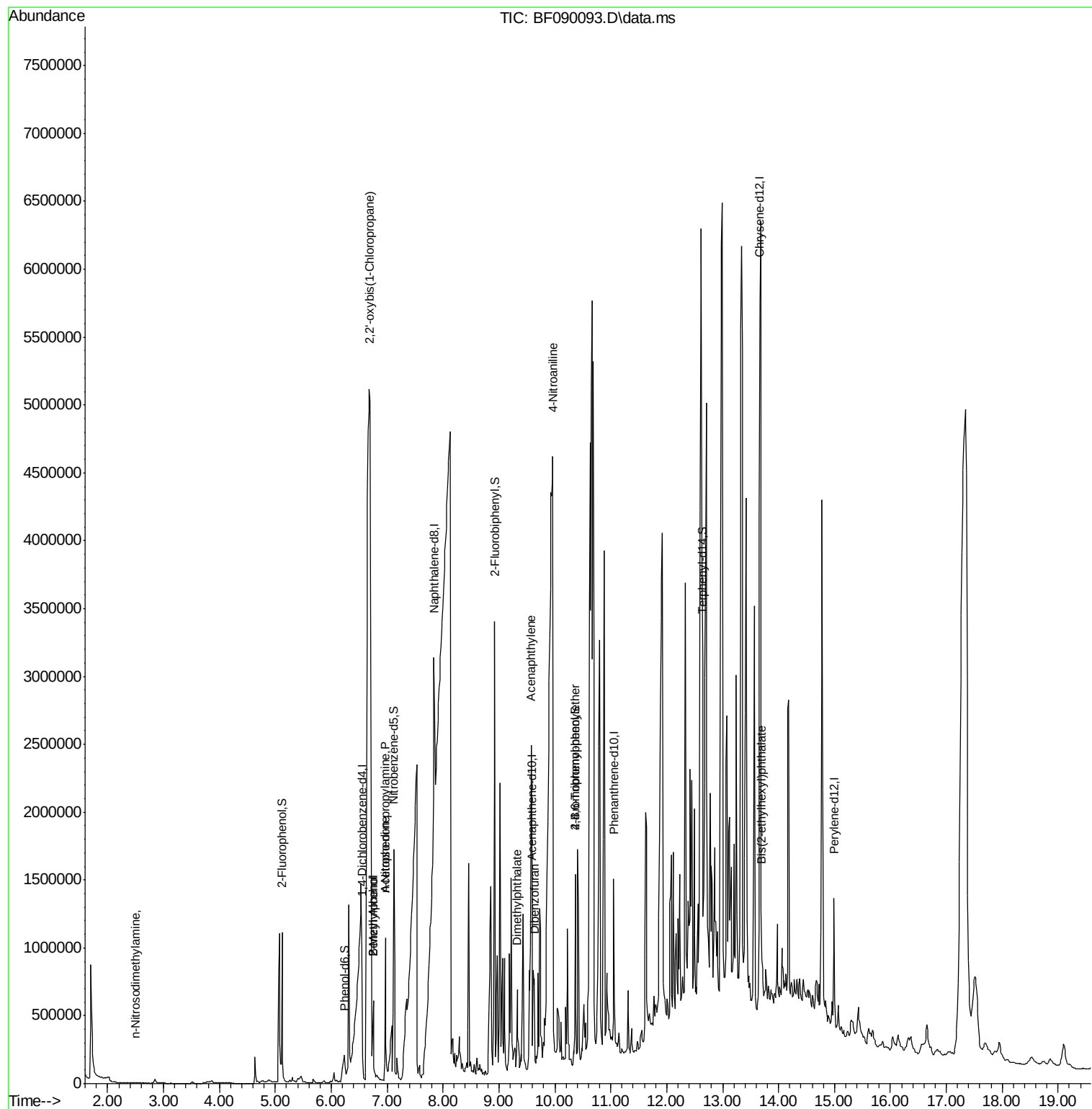
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	160010	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	592699	20.00	ng	0.00
38) Acenaphthene-d10	9.588	164	285340	20.00	ng	0.00
63) Phenanthrene-d10	11.051	188	472747	20.00	ng	0.00
75) Chrysene-d12	13.668	240	164728	20.00	ng	0.00
86) Perylene-d12	14.994	264	306963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	322989	32.46	ng	0.00
7) Phenol-d6	6.239	99	269469	20.69	ng	0.03
23) Nitrobenzene-d5	7.119	82	795431	75.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	186852	65.19	ng	-0.01
44) 2-Fluorobiphenyl	8.925	172	1458382	80.27	ng	0.00
78) Terphenyl-d14	12.639	244	771968	111.29	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	2.490	42	497	3.20	ng	# 1
15) Benzyl Alcohol	6.753	79	191599	26.12	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	6.685	45	79407	5.71	ng	# 90
17) 2-Methylphenol	6.753	107	94405	10.07	ng	# 33
19) n-Nitroso-di-n-propyla...	6.970	70	79920	9.87	ng	# 59
22) Acetophenone	6.970	105	63624	4.43	ng	# 85
48) Acenaphthylene	9.576	152	76876	2.65	ng	# 44
49) Dimethylphthalate	9.325	163	274786	12.97	ng	# 99
54) Dibenzofuran	9.633	168	165123	7.36	ng	# 61
57) Fluorene	10.148	166	2413	Below Cal		# 1
61) 4-Nitroaniline	9.965	138	75235	12.90	ng	# 34
66) 4-Bromophenyl-phenylether	10.365	248	10311	2.26	ng	# 1
83) Bis(2-ethylhexyl)phtha...	13.691	149	18447	2.49	ng	# 90

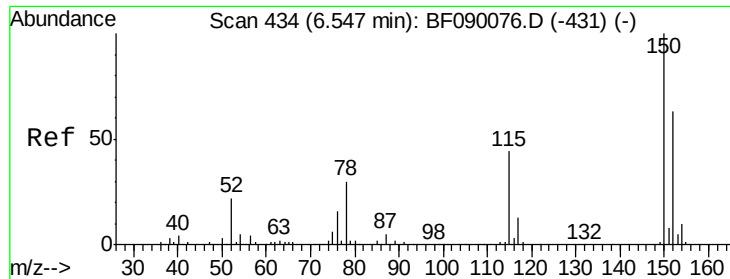
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

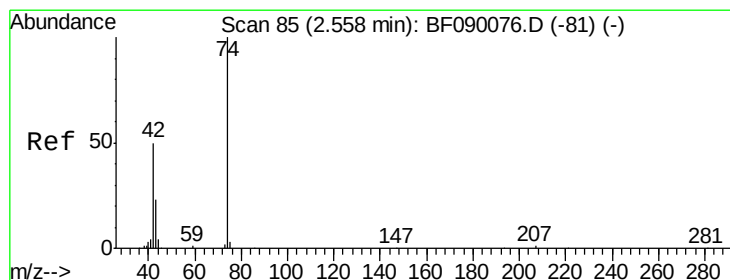
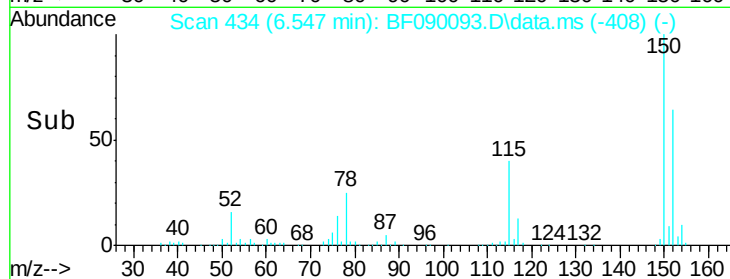
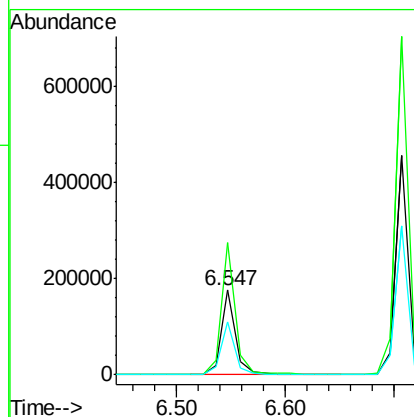
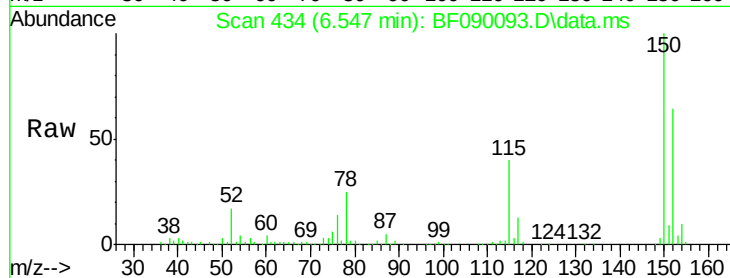
Tot Ion:152 Resp: 160010

Ion Ratio Lower Upper

152 100

150 156.3 128.9 193.3

115 62.0 55.5 83.3



#4

n-Nitrosodimethylamine

Concen: 3.20 ng

RT: 2.490 min Scan# 79

Delta R.T. -0.068 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

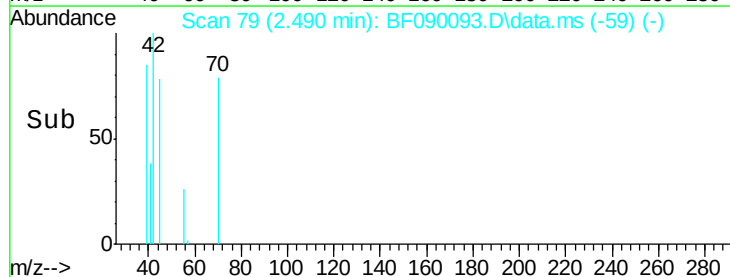
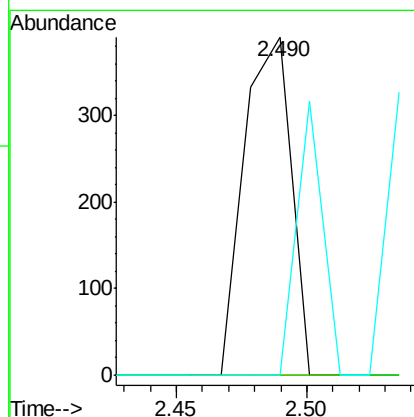
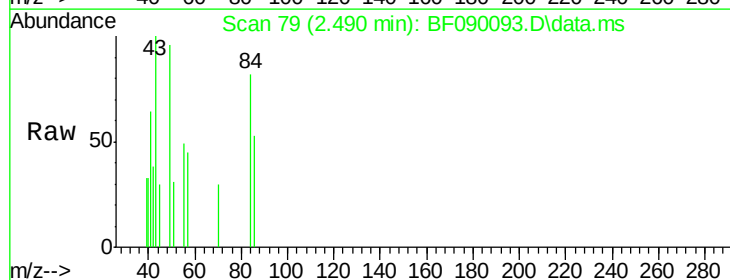
Tgt Ion: 42 Resp: 497

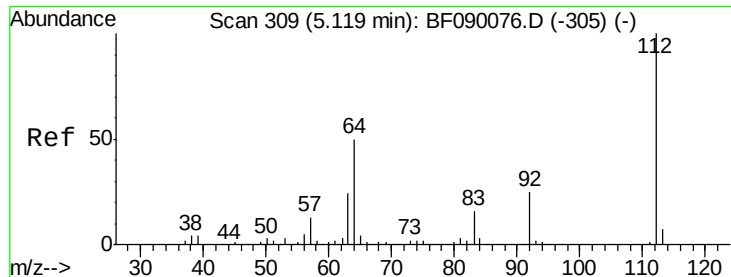
Ion Ratio Lower Upper

42 100

74 0.0 158.7 238.1#

44 0.0 6.4 9.6#





#5

2-Fluorophenol

Concen: 32.46 ng

RT: 5.119 min Scan# 30

Delta R.T. 0.000 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

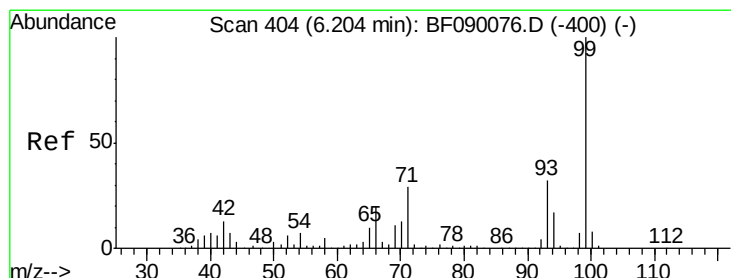
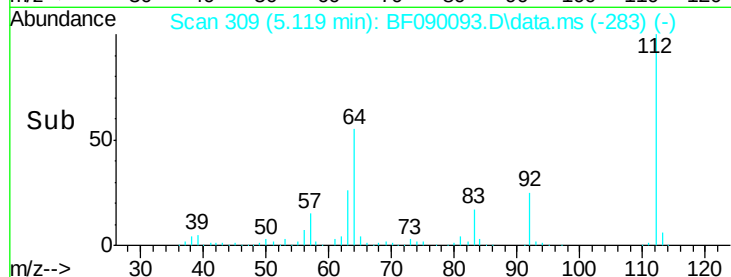
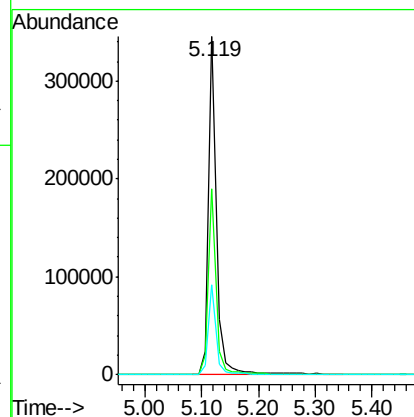
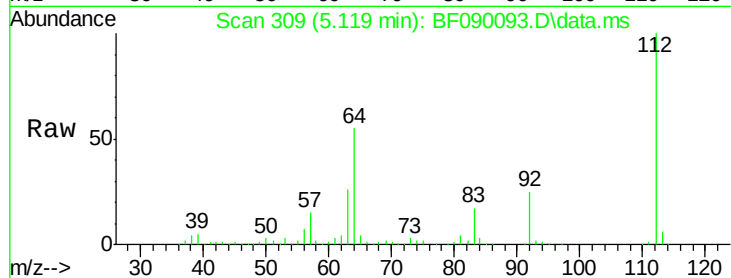
Tot Ion:112 Resp: 322989

Ion Ratio Lower Upper

112 100

64 55.0 39.8 59.6

63 26.5 18.9 28.3



#7

Phenol-d6

Concen: 20.69 ng

RT: 6.239 min Scan# 407

Delta R.T. 0.034 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

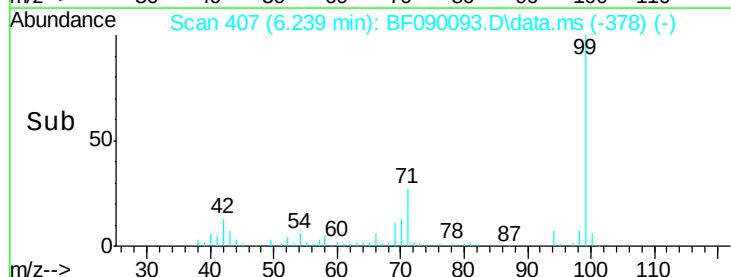
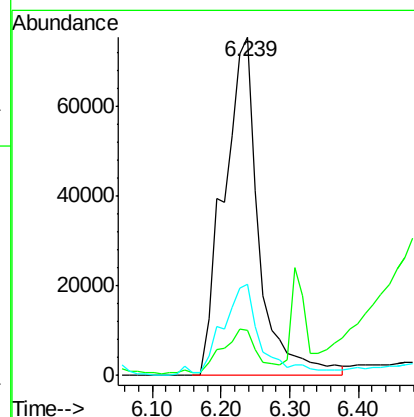
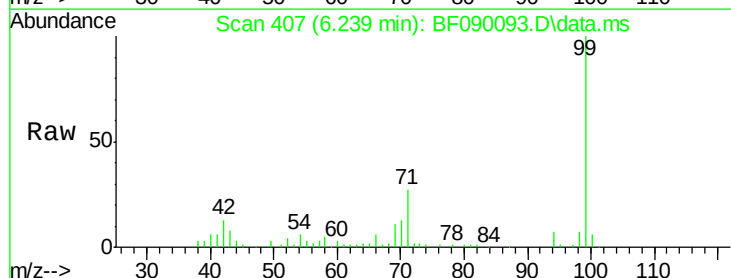
Tgt Ion: 99 Resp: 269469

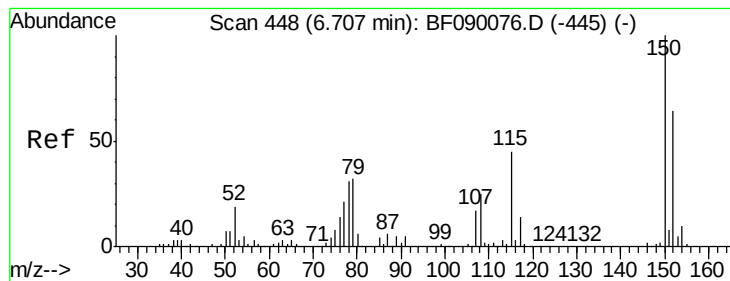
Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 26.9 23.0 34.6





#15

Benzyl Alcohol

Concen: 26.12 ng

RT: 6.753 min Scan# 45

Delta R.T. 0.046 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

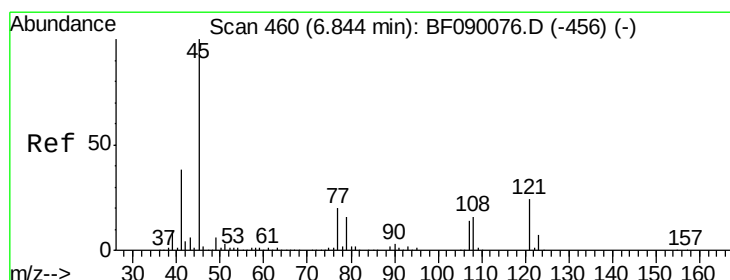
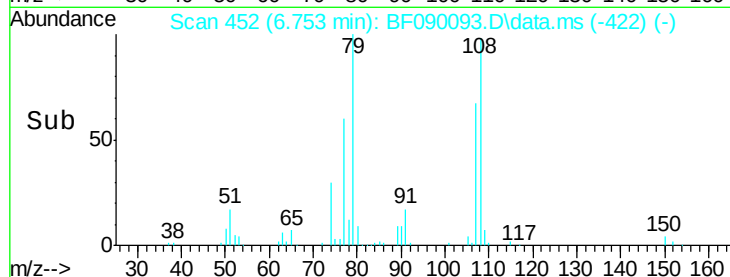
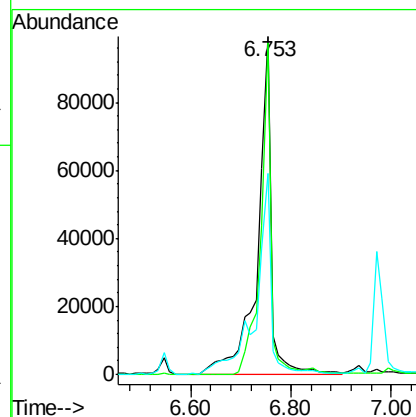
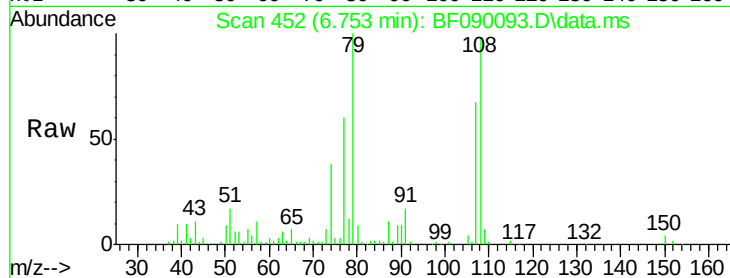
Tot Ion: 79 Resp: 191599

Ion Ratio Lower Upper

79 100

108 98.1 62.2 93.4#

77 59.5 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.71 ng

RT: 6.685 min Scan# 446

Delta R.T. -0.160 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

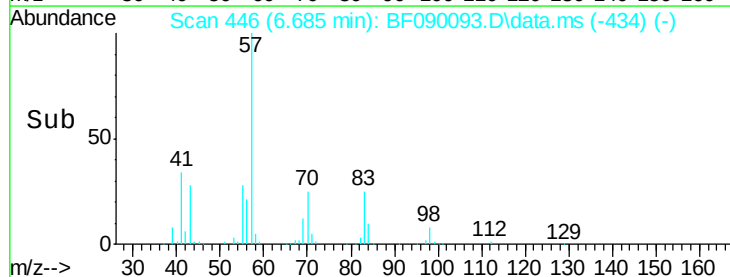
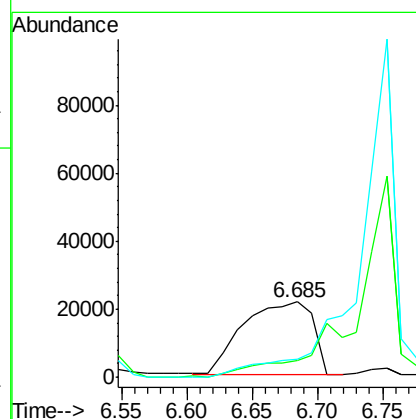
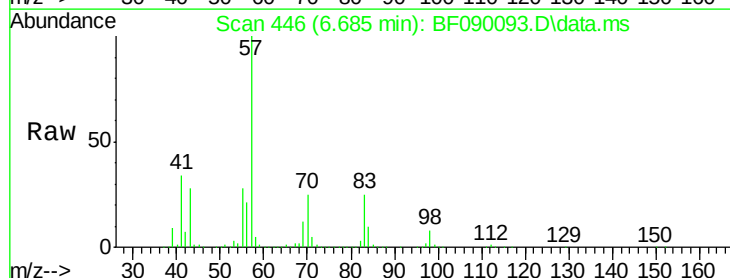
Tgt Ion: 45 Resp: 79407

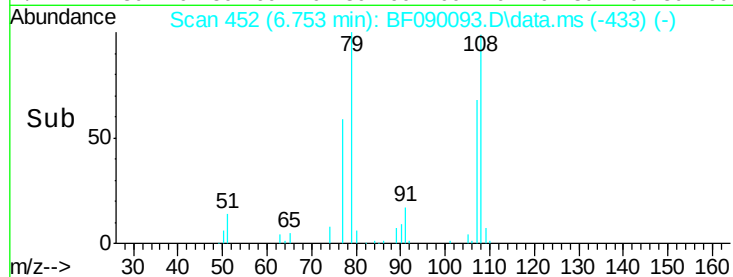
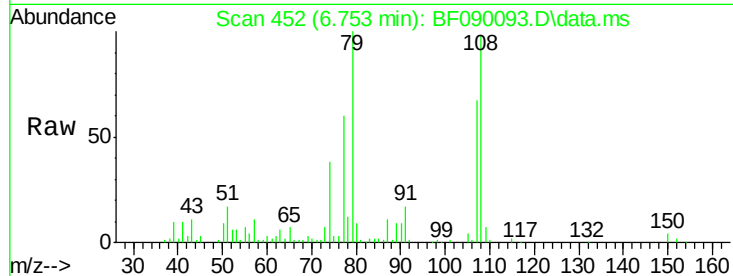
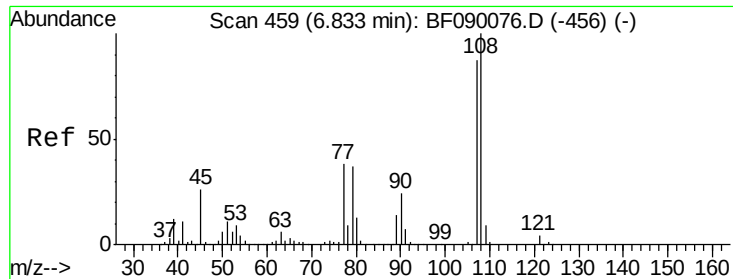
Ion Ratio Lower Upper

45 100

77 22.8 0.5 40.5

79 23.9 0.0 37.0

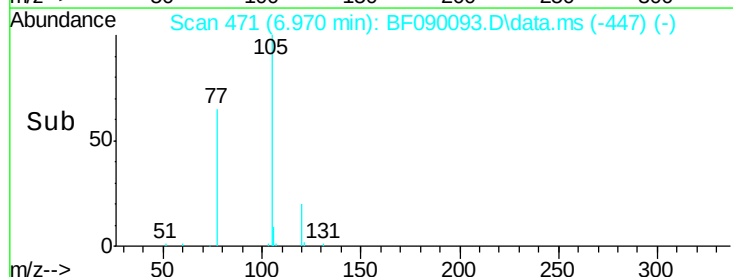
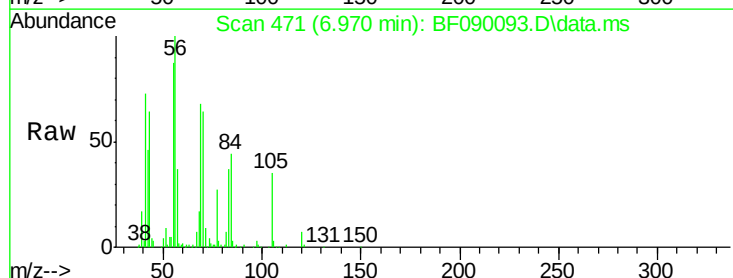
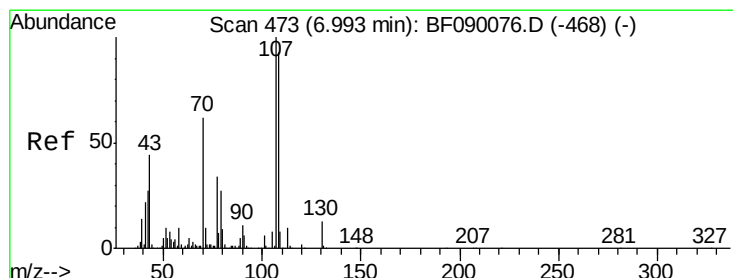
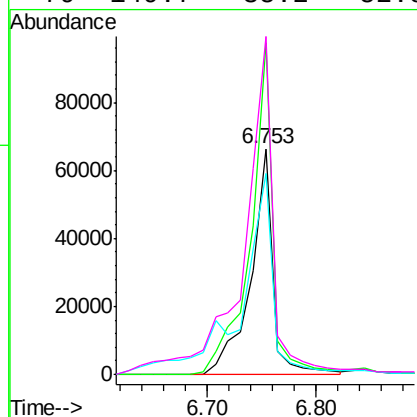




#17
2-Methylphenol
Concen: 10.07 ng
RT: 6.753 min Scan# 45
Delta R.T. -0.080 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

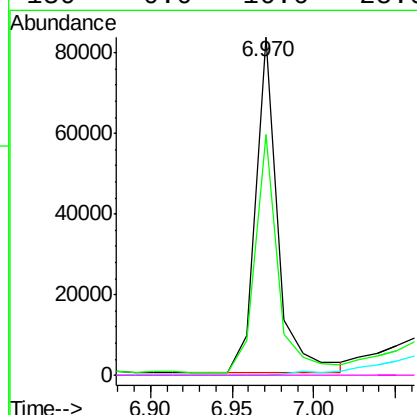
Instrument :
BNA_F
ClientSampleId :
EFF

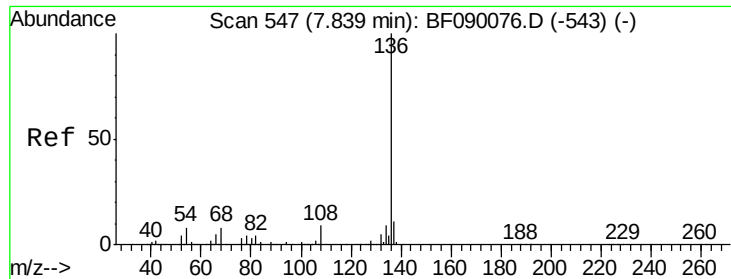
Tot Ion	Ratio	Lower	Upper
107	100		
108	146.8	92.0	138.0#
77	89.1	35.6	53.4#
79	149.7	35.2	52.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.87 ng
RT: 6.970 min Scan# 471
Delta R.T. -0.023 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.4	35.1	52.7#
101	0.0	7.5	11.3#
130	0.0	16.6	25.0#

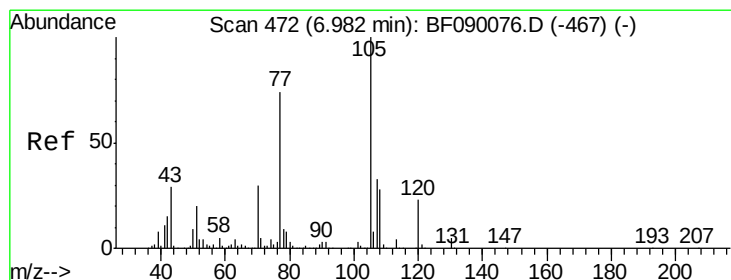
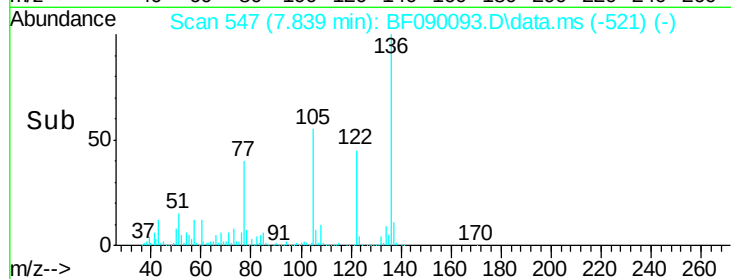
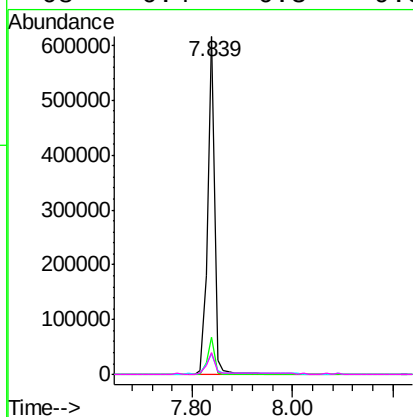
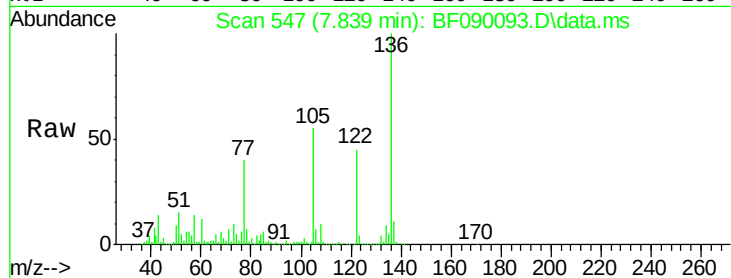




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

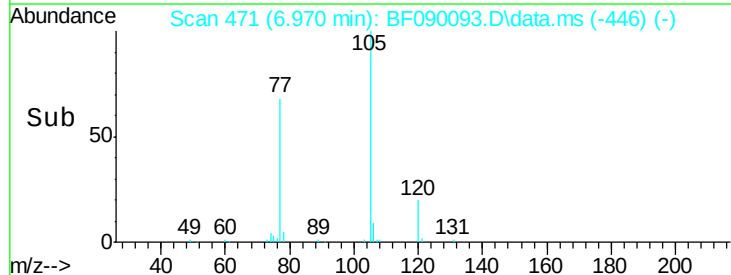
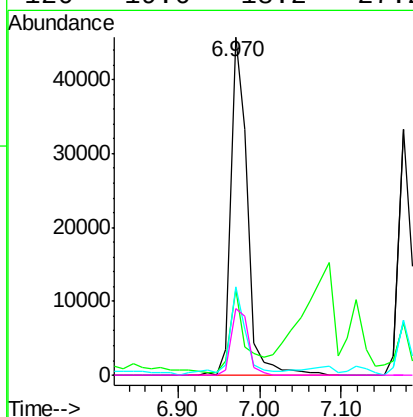
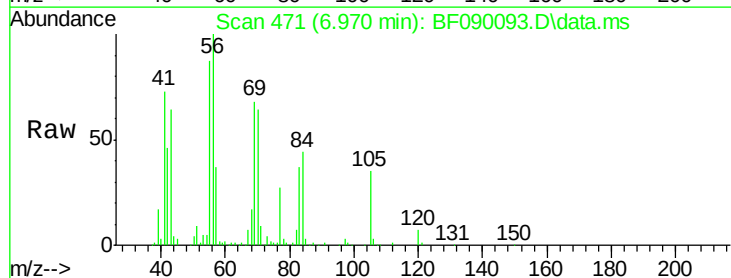
Instrument :
BNA_F
ClientSampleId :
EFF

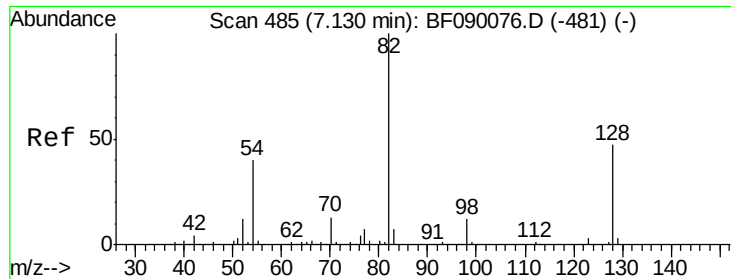
Tot Ion:136	Resp:	592699
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.1	6.4 9.6#
68	6.4	6.3 9.5



#22
Acetophenone
Concen: 4.43 ng
RT: 6.970 min Scan# 471
Delta R.T. -0.011 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

Tgt Ion:105	Resp:	63624
Ion Ratio	Lower	Upper
105	100	
71	25.2	4.1 6.1#
51	26.0	16.2 24.2#
120	19.6	18.2 27.2

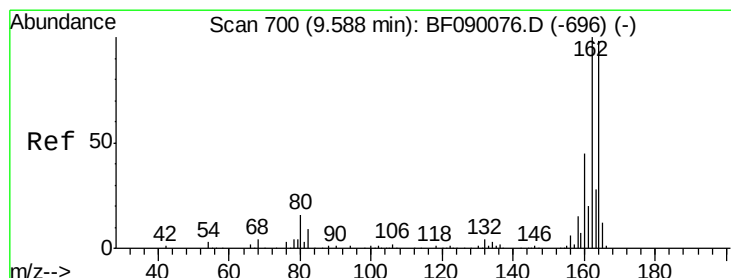
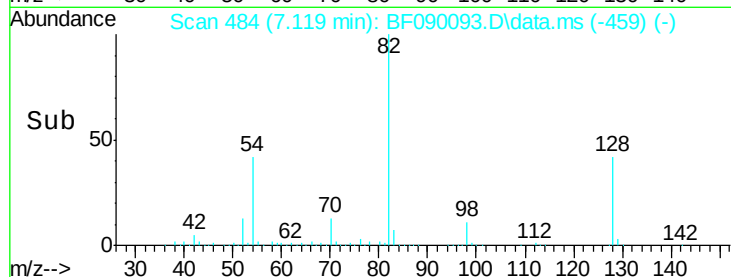
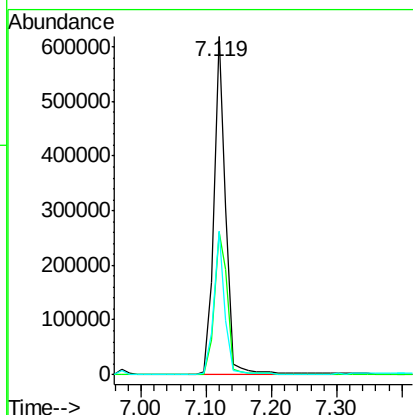
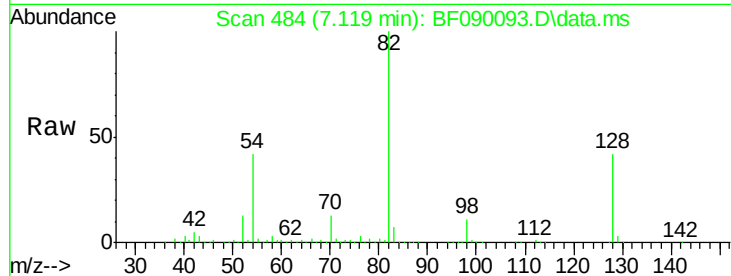




#23
 Nitrobenzene-d5
 Concen: 75.46 ng
 RT: 7.119 min Scan# 48
 Delta R.T. -0.011 min
 Lab File: BF090093.D
 Acq: 15 Sep 2016 15:54

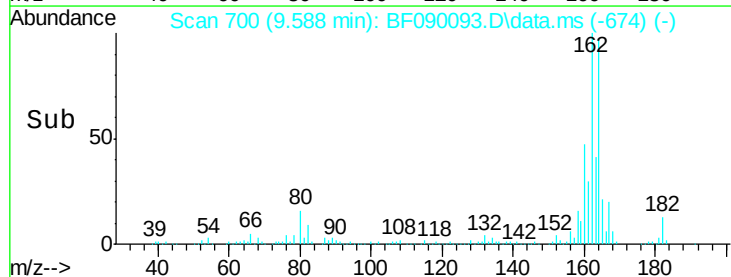
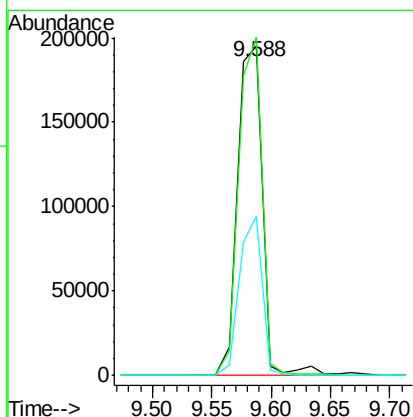
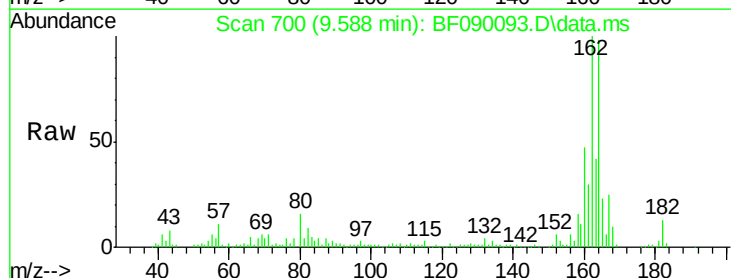
Instrument :
 BNA_F
 ClientSampleId :
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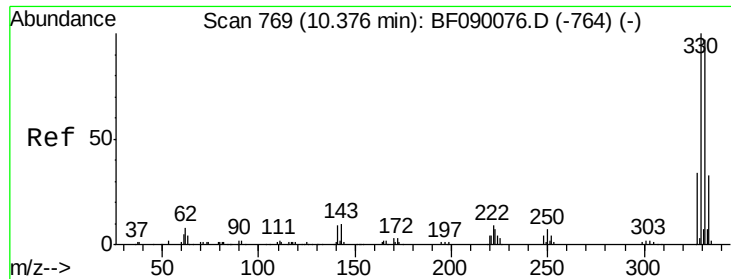
Tot Ion	82	Resp	795431
Ion Ratio	100	Lower	Upper
128	42.0	37.5	56.3
54	42.5	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.588 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: BF090093.D
 Acq: 15 Sep 2016 15:54

Tgt Ion	164	Resp	285340
Ion Ratio	100	Lower	Upper
162	102.5	81.4	122.2
160	48.2	36.6	54.8

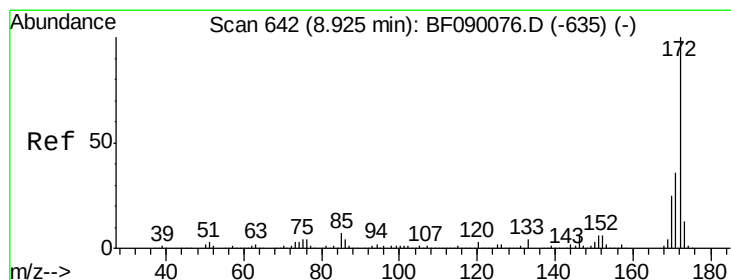
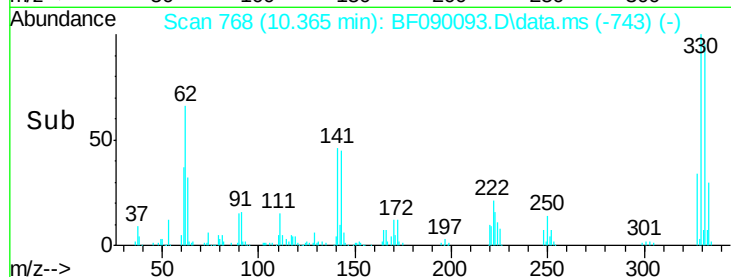
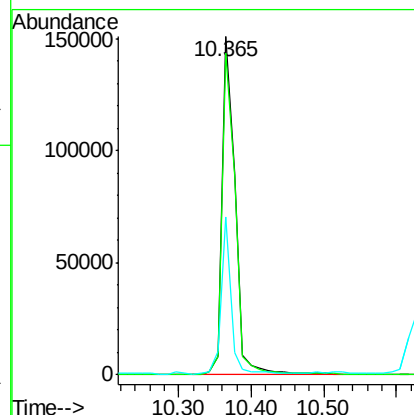
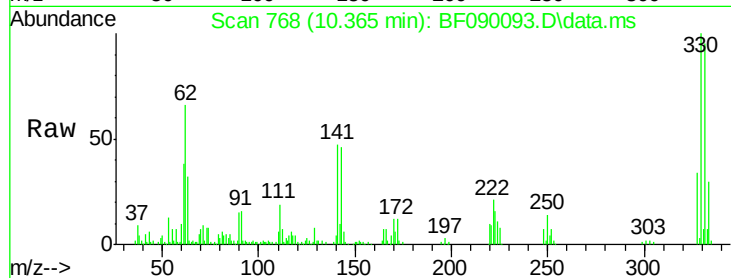




#41
 2,4,6-Tribromophenol
 Concen: 65.19 ng
 RT: 10.365 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BF090093.D
 Acq: 15 Sep 2016 15:54

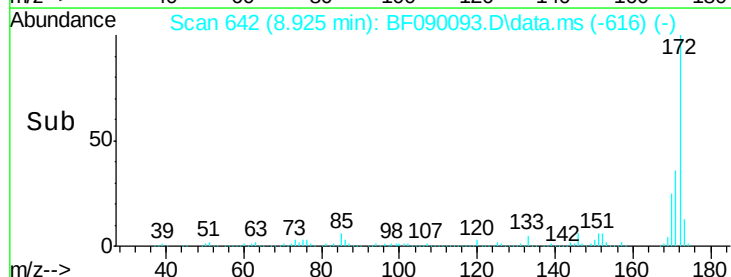
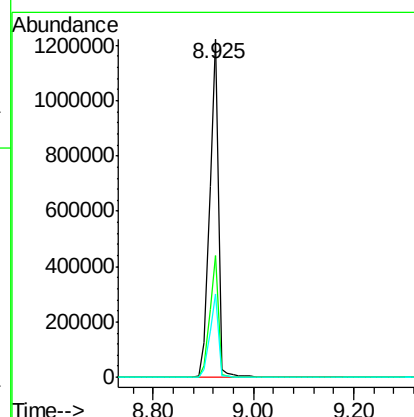
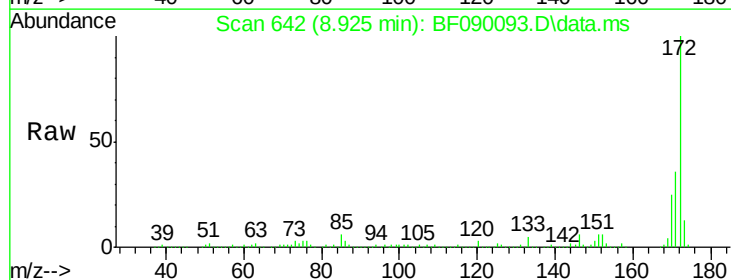
Instrument :
 BNA_F
 ClientSampleId :
 EFF

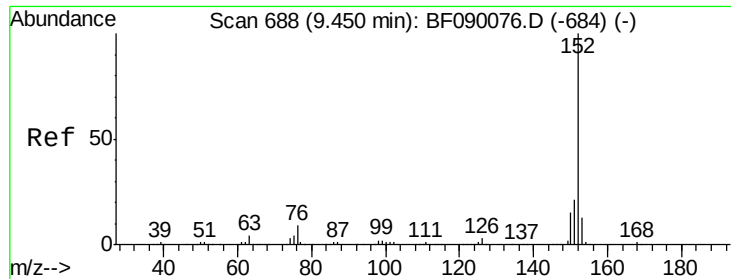
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	36.1	23.9	35.9#



#44
 2-Fluorobiphenyl
 Concen: 80.27 ng
 RT: 8.925 min Scan# 642
 Delta R.T. 0.001 min
 Lab File: BF090093.D
 Acq: 15 Sep 2016 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.6	19.8	29.8





#48

Acenaphthylene

Concen: 2.65 ng

RT: 9.576 min Scan# 69

Delta R.T. 0.126 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

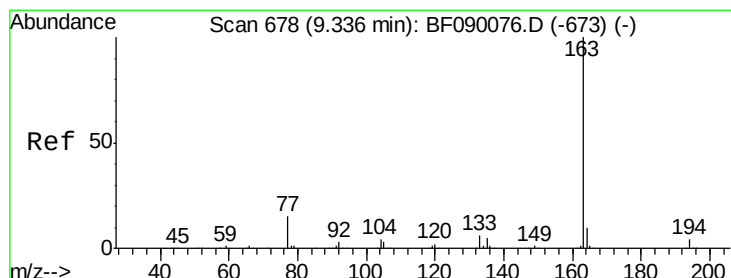
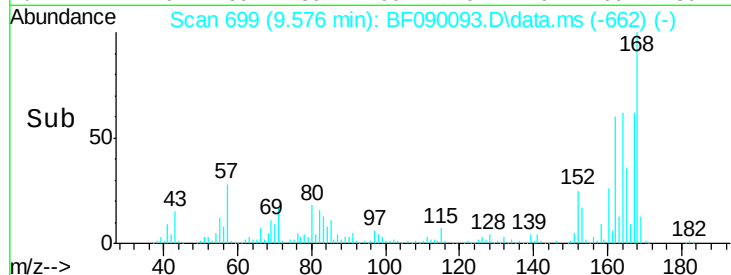
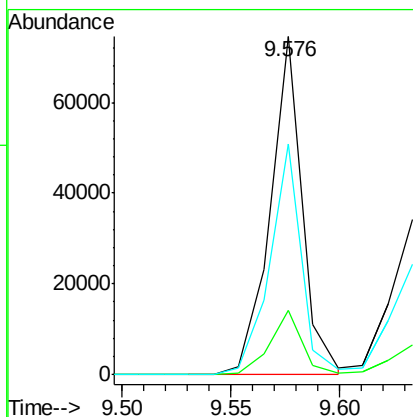
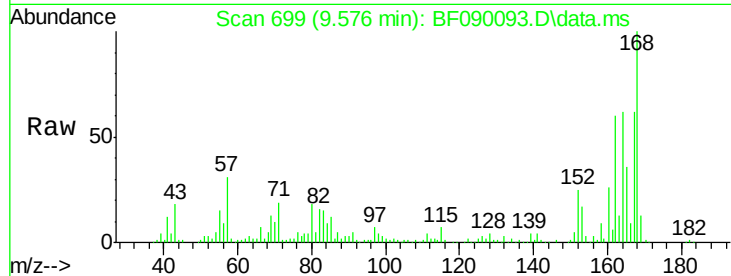
Tot Ion:152 Resp: 76876

Ion Ratio Lower Upper

152 100

151 19.1 16.5 24.7

153 68.2 10.6 15.8#



#49

Dimethylphthalate

Concen: 12.97 ng

RT: 9.325 min Scan# 677

Delta R.T. -0.011 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

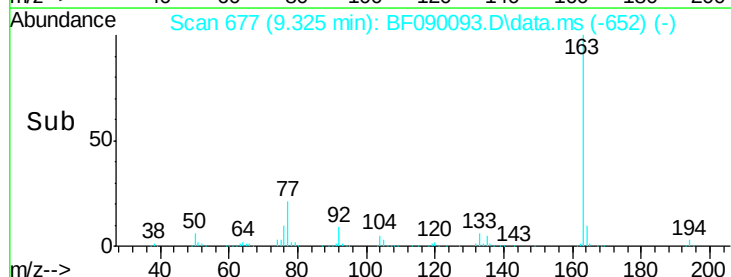
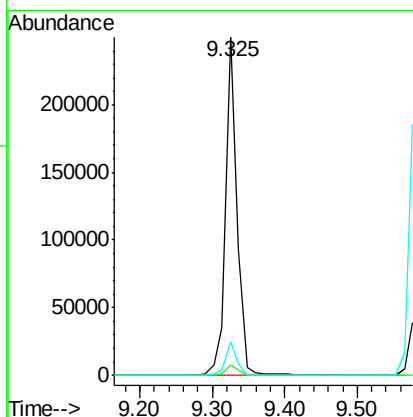
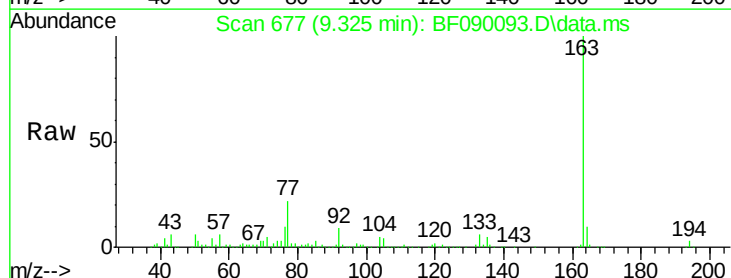
Tgt Ion:163 Resp: 274786

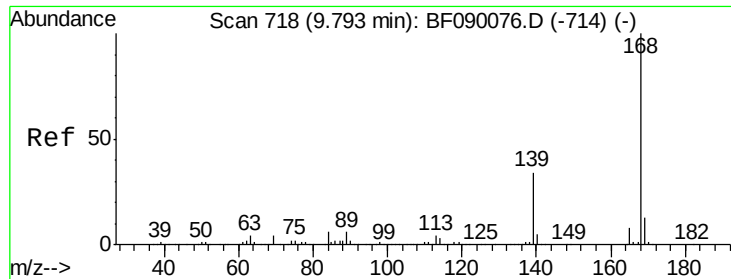
Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

164 10.1 8.1 12.1





#54

Dibenzofuran

Concen: 7.36 ng

RT: 9.633 min Scan# 70

Delta R.T. -0.160 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

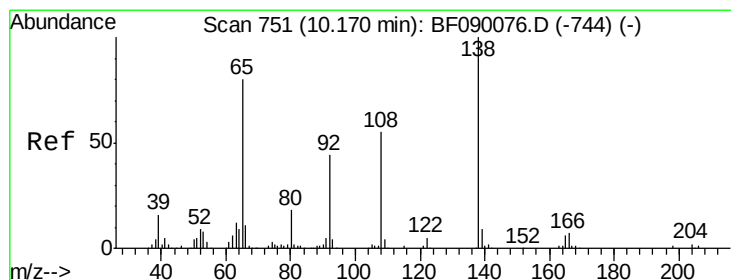
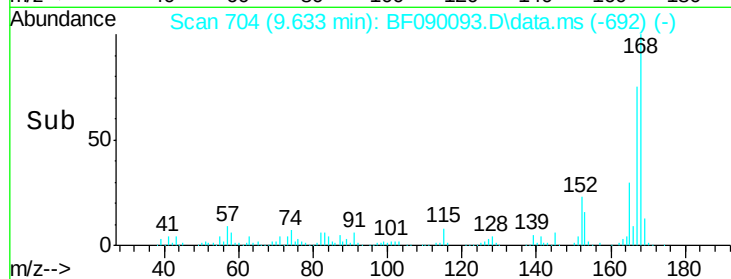
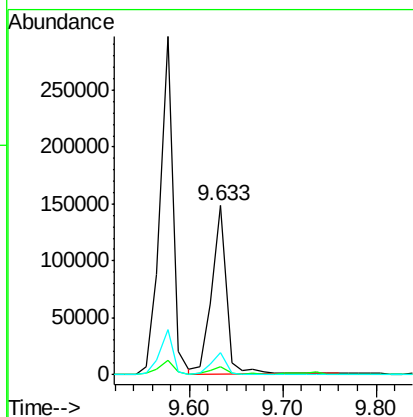
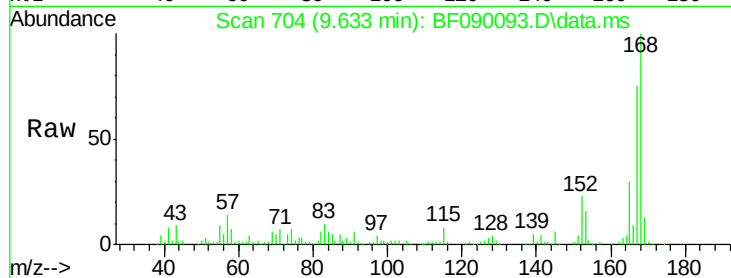
Tot Ion:168 Resp: 165123

Ion Ratio Lower Upper

168 100

139 4.9 28.8 43.2#

169 13.0 10.7 16.1



#61

4-Nitroaniline

Concen: 12.90 ng

RT: 9.965 min Scan# 733

Delta R.T. -0.206 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

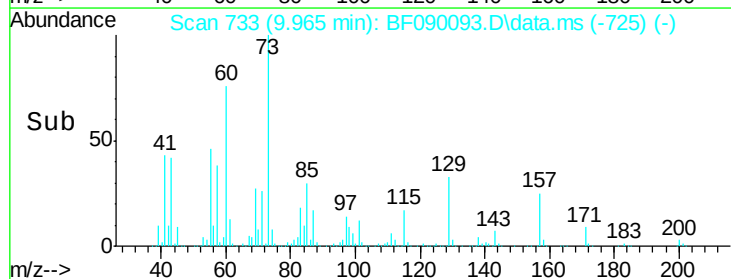
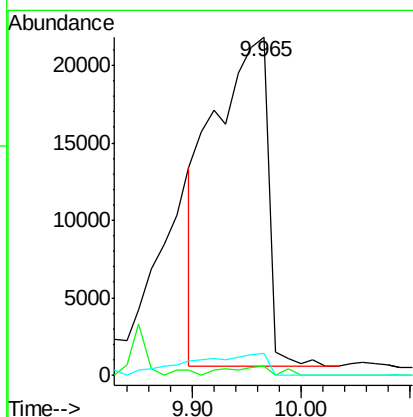
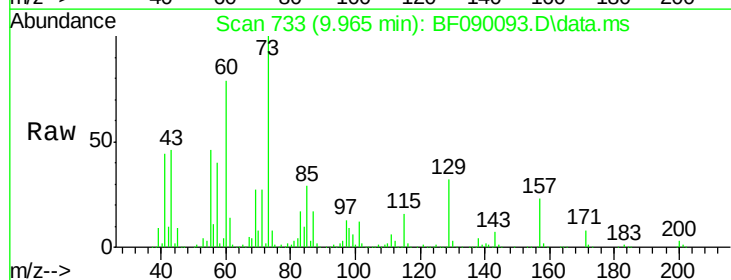
Tgt Ion:138 Resp: 75235

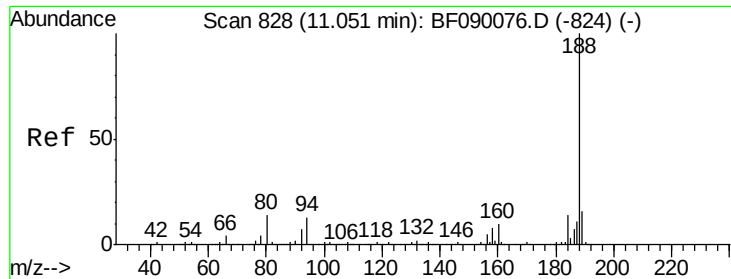
Ion Ratio Lower Upper

138 100

92 2.6 23.8 63.8#

108 6.4 35.0 75.0#

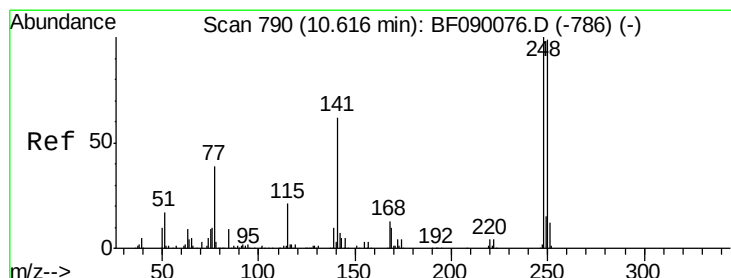
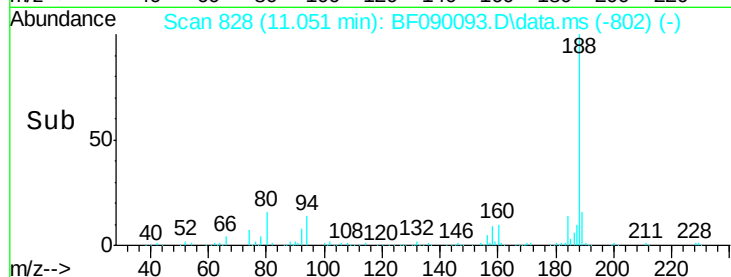
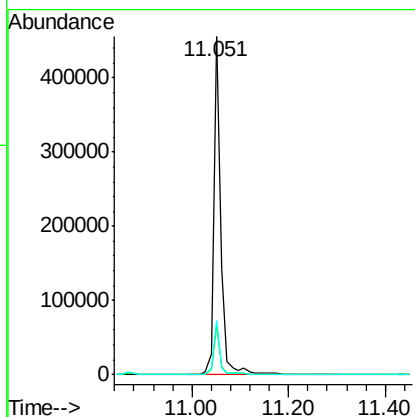
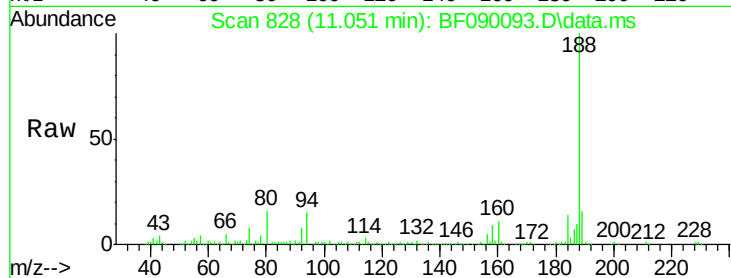




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

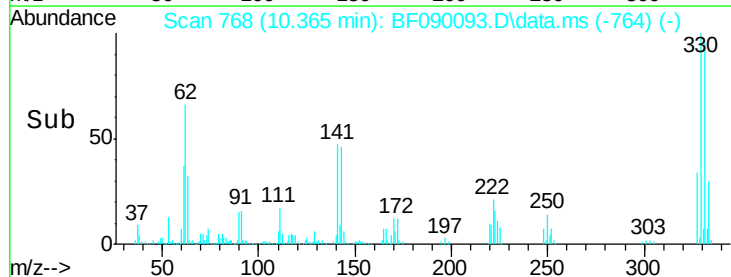
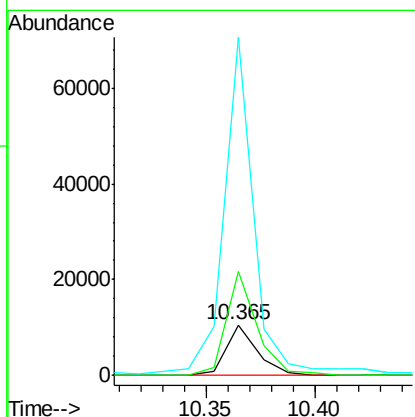
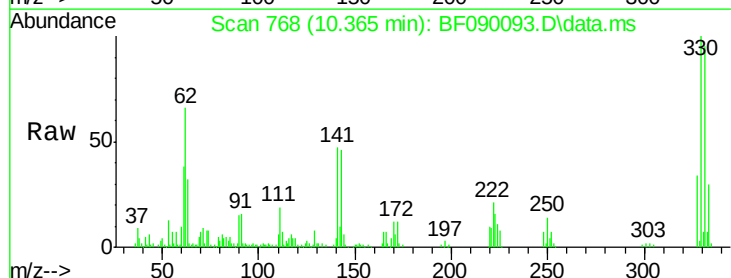
Instrument :
BNA_F
ClientSampleId :
EFF

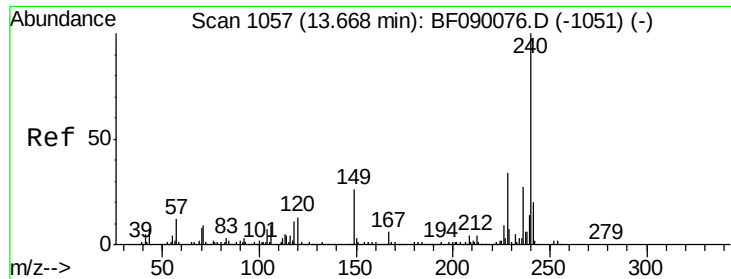
Tot Ion:188 Resp: 472747
Ion Ratio Lower Upper
188 100
94 14.5 10.5 15.7
80 15.9 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.365 min Scan# 768
Delta R.T. -0.251 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

Tgt Ion:248 Resp: 10311
Ion Ratio Lower Upper
248 100
250 205.8 79.4 119.2#
141 666.7 49.3 73.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.668 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

Instrument :

BNA_F

ClientSampleId :

EFF

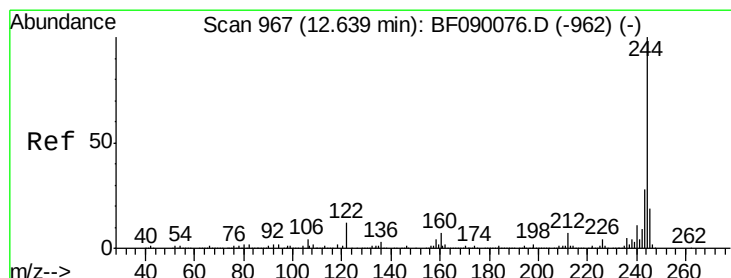
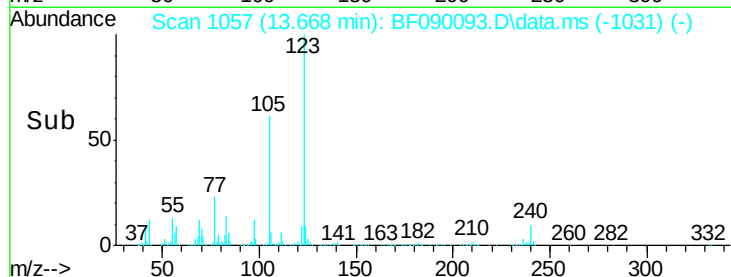
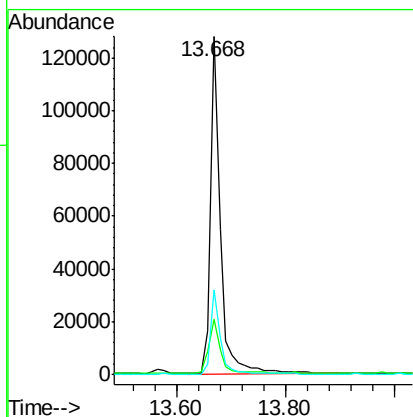
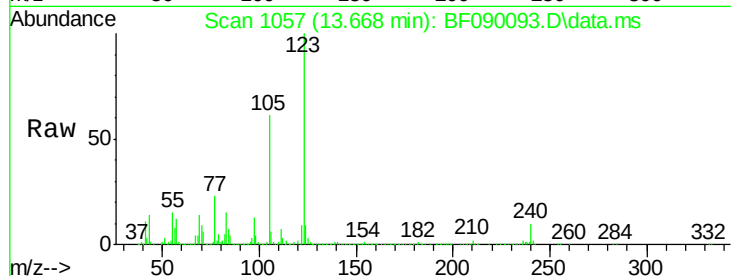
Tot Ion:240 Resp: 164728

Ion Ratio Lower Upper

240 100

120 16.3 10.6 16.0#

236 25.2 21.6 32.4



#78

Terphenyl-d14

Concen: 111.29 ng

RT: 12.639 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF090093.D

Acq: 15 Sep 2016 15:54

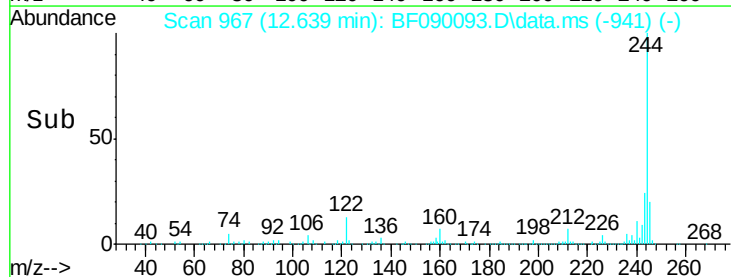
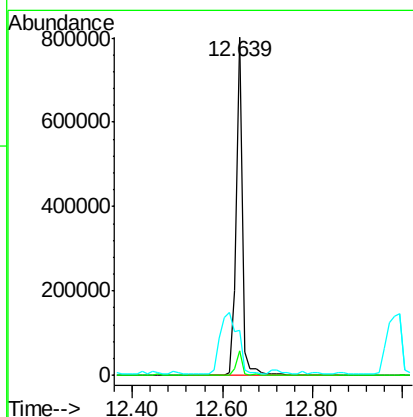
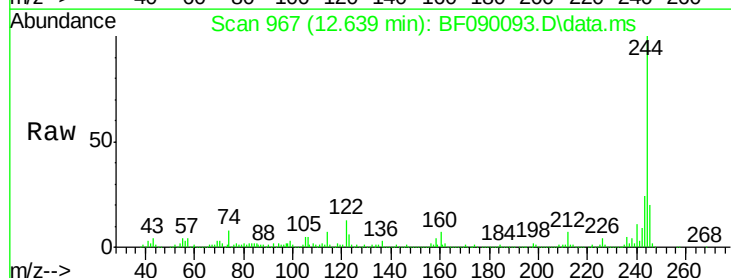
Tgt Ion:244 Resp: 771968

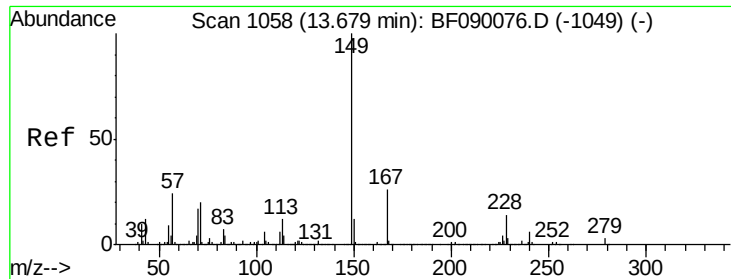
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 13.2 9.4 14.0

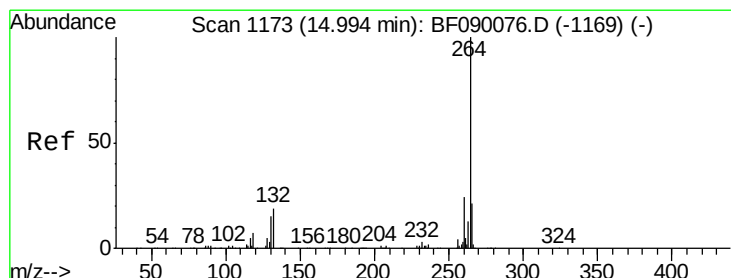
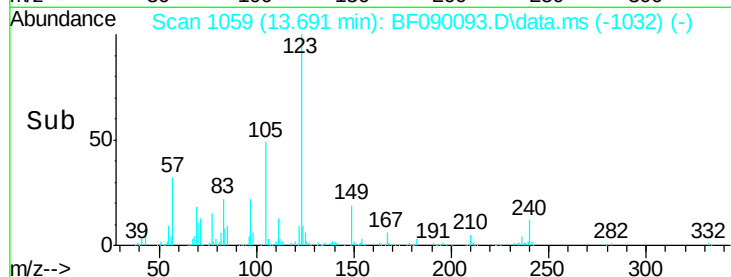
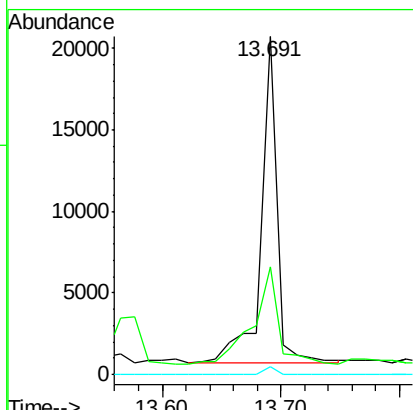
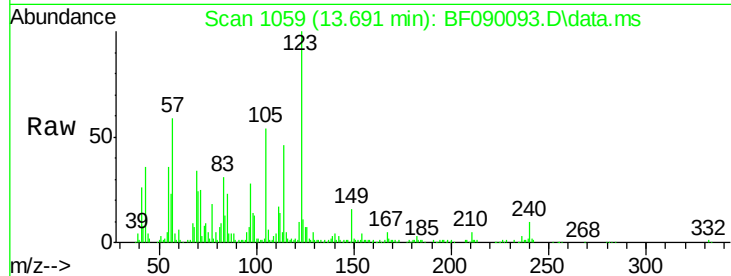




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.49 ng
RT: 13.691 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

Instrument :
BNA_F
ClientSampleId :
EFF

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.9	21.2	31.8#
279	2.2	2.2	3.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.994 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF090093.D
Acq: 15 Sep 2016 15:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.0	25.4

