

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090094.D
 Acq On : 15 Sep 2016 16:22
 Operator : UM/SJ
 Sample : H4780-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-61-SW

Quant Time: Sep 15 16:46:50 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)

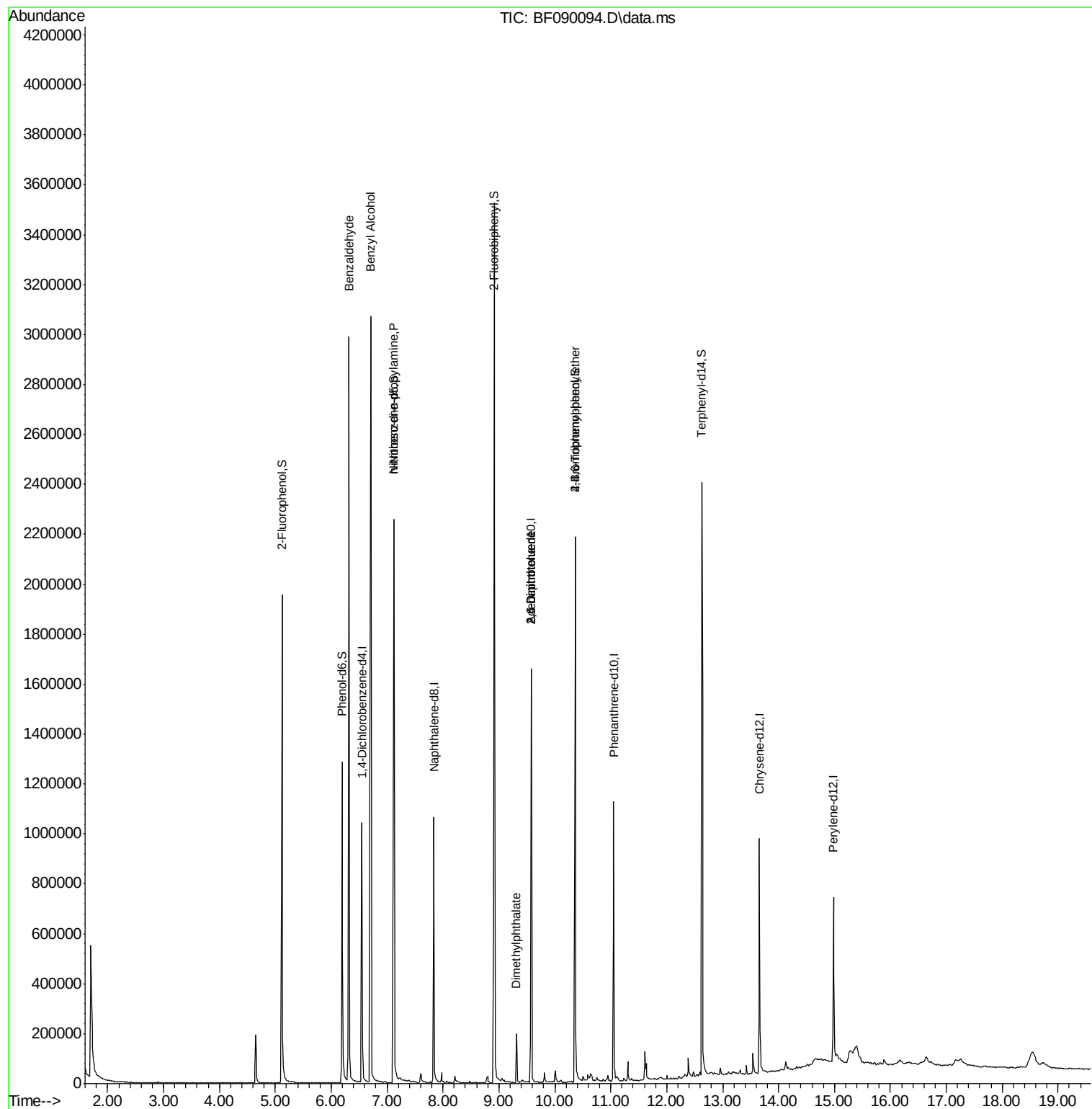
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	166095	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	661372	20.00	ng	0.00
38) Acenaphthene-d10	9.576	164	341579	20.00	ng	-0.01
63) Phenanthrene-d10	11.051	188	527974	20.00	ng	0.00
75) Chrysene-d12	13.657	240	360868	20.00	ng	-0.01
86) Perylene-d12	14.982	264	309026	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	703729	68.14	ng	0.00
7) Phenol-d6	6.193	99	628226	46.46	ng	-0.01
23) Nitrobenzene-d5	7.119	82	962572	81.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.365	330	314782	91.74	ng	-0.01
44) 2-Fluorobiphenyl	8.913	172	1623980	74.67	ng	-0.01
78) Terphenyl-d14	12.628	244	1066425	70.18	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.319	77	23380	3.24	ng	Qvalue # 81
15) Benzyl Alcohol	6.707	79	15848	2.08	ng	# 45
19) n-Nitroso-di-n-propyla...	7.119	70	119084	14.17	ng	# 78
49) Dimethylphthalate	9.313	163	78508	3.09	ng	99
50) 2,6-Dinitrotoluene	9.576	165	45046	7.95	ng	# 20
56) 2,4-Dinitrotoluene	9.576	165	45038	6.52	ng	# 15
66) 4-Bromophenyl-phenylether	10.365	248	19223	3.78	ng	# 1

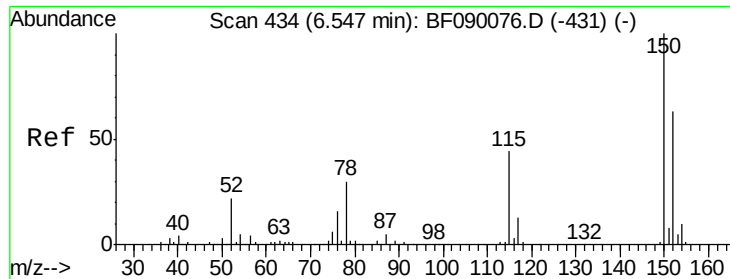
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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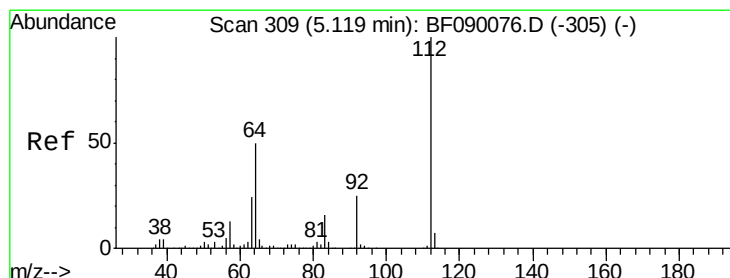
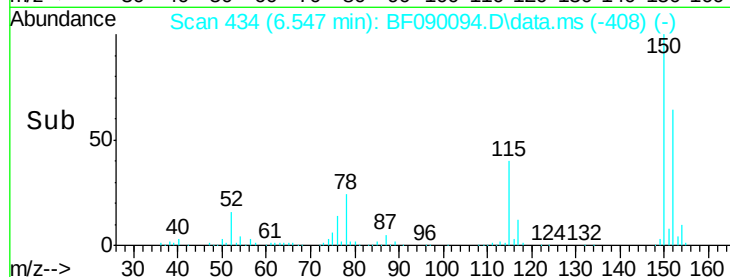
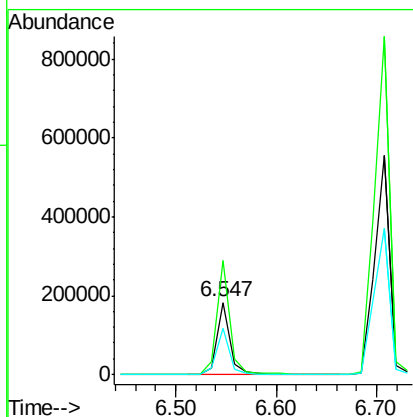
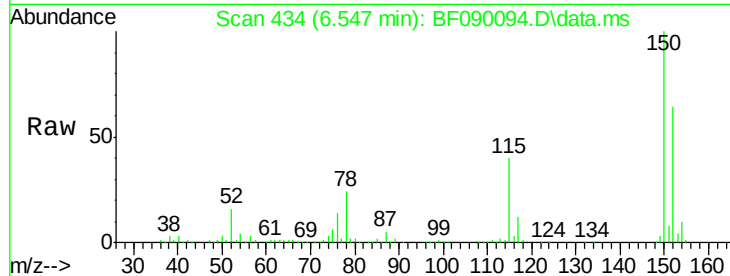




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.547 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

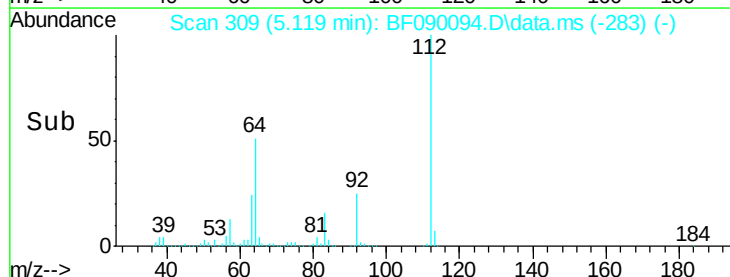
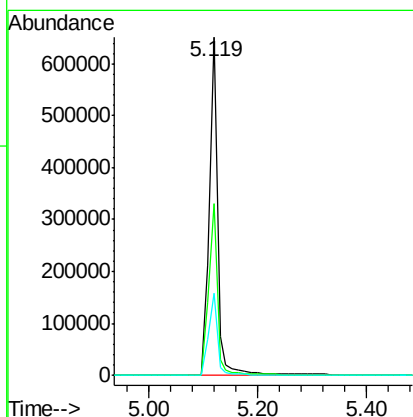
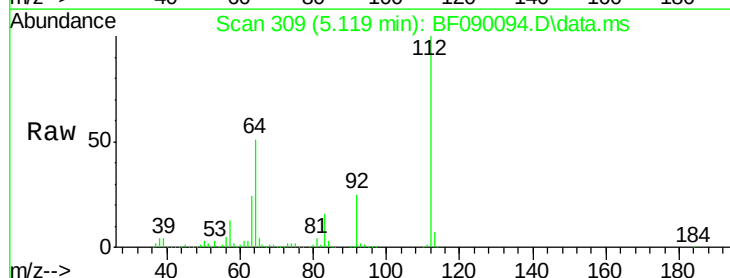
Instrument :
 BNA_F
 ClientSampleId :
 EP-61-SW

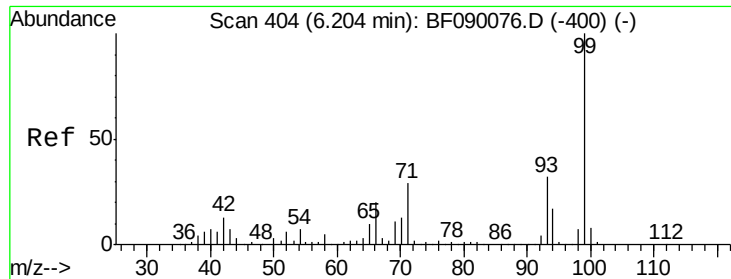
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.9	193.3
115	63.2	55.5	83.3



#5
 2-Fluorophenol
 Concen: 68.14 ng
 RT: 5.119 min Scan# 309
 Delta R.T. -0.000 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.8	59.6
63	24.3	18.9	28.3





#7

Phenol-d6

Concen: 46.46 ng

RT: 6.193 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090094.D

Acq: 15 Sep 2016 16:22

Instrument :

BNA_F

ClientSampleId :

EP-61-SW

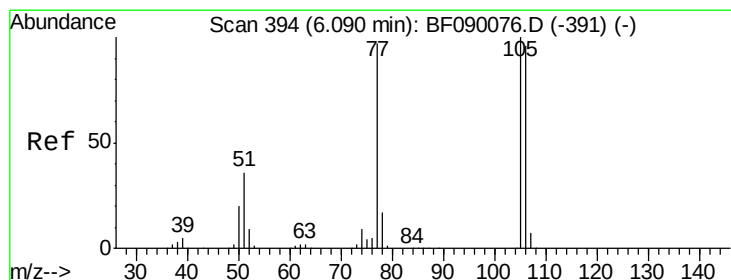
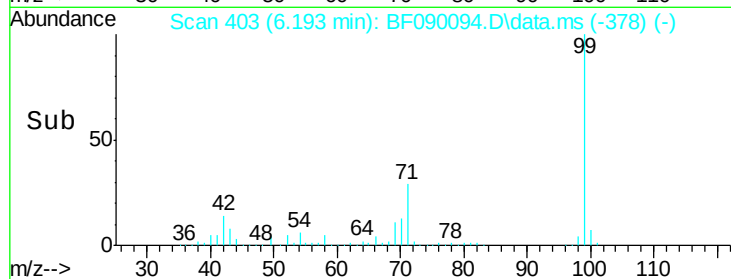
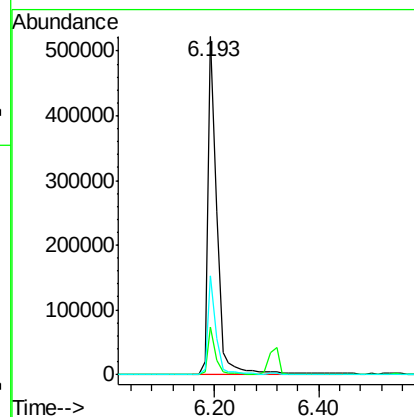
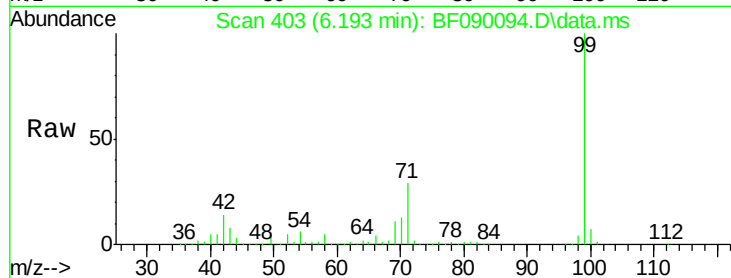
Tot Ion: 99 Resp: 628226

Ion Ratio Lower Upper

99 100

42 13.9 10.6 15.8

71 29.2 23.0 34.6



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.319 min Scan# 414

Delta R.T. 0.229 min

Lab File: BF090094.D

Acq: 15 Sep 2016 16:22

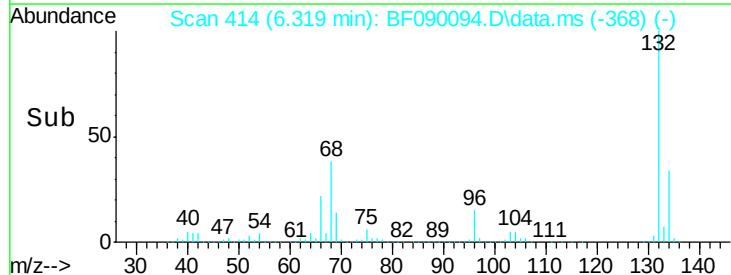
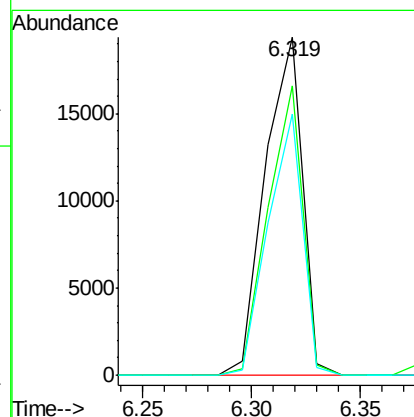
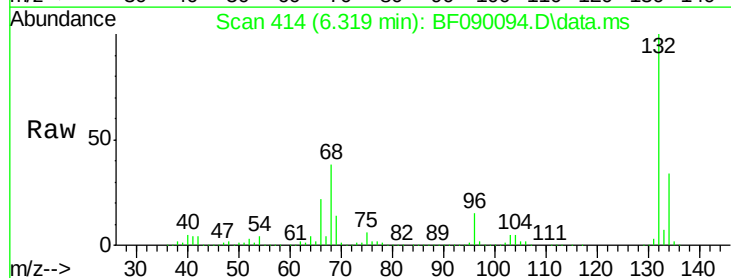
Tgt Ion: 77 Resp: 23380

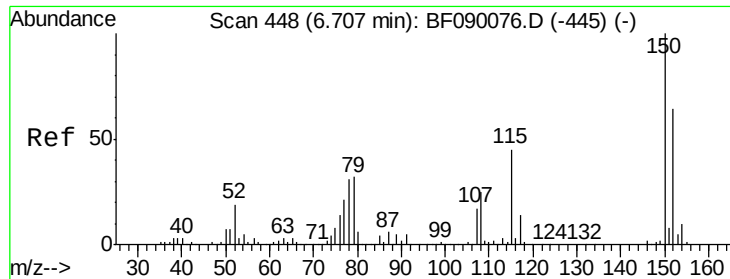
Ion Ratio Lower Upper

77 100

105 85.6 83.0 123.0

106 77.2 78.5 118.5#

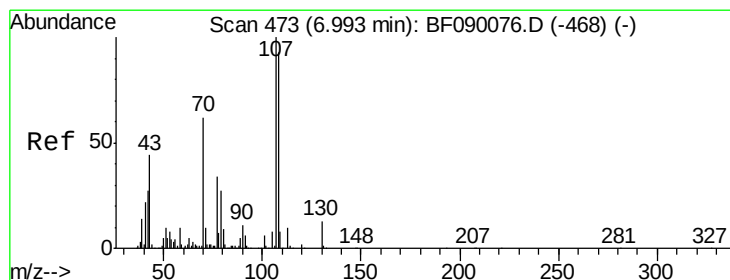
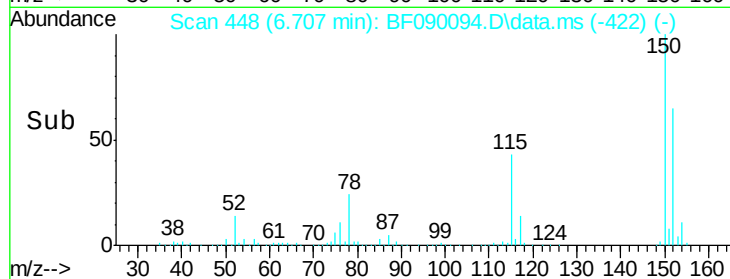
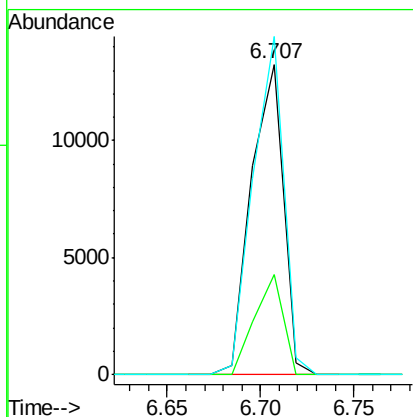
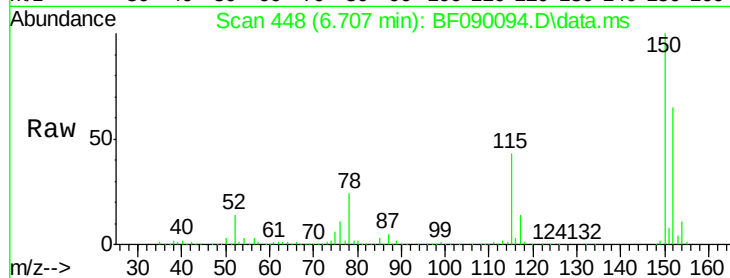




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.707 min Scan# 44
Delta R.T. -0.000 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

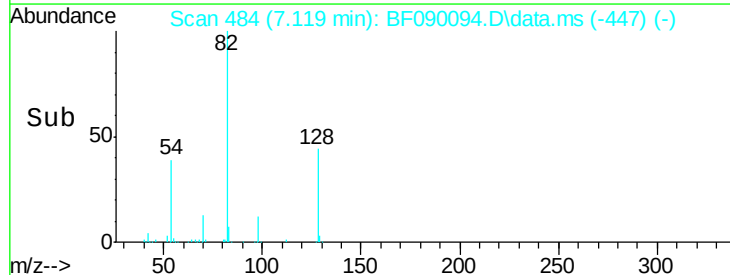
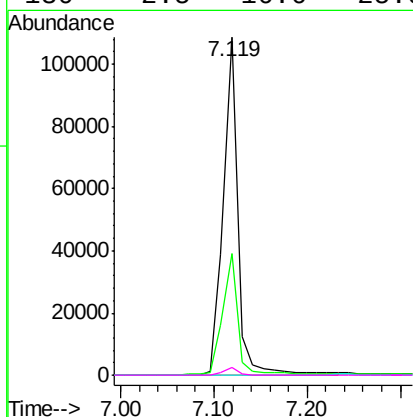
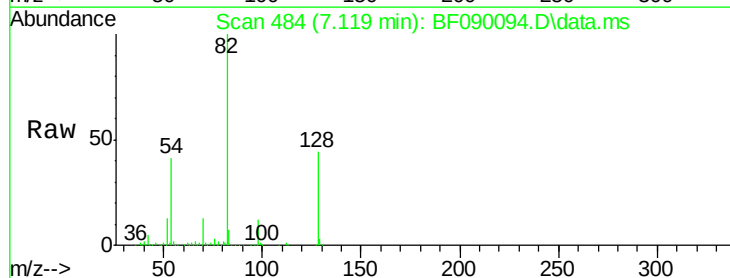
Instrument :
BNA_F
ClientSampleId :
EP-61-SW

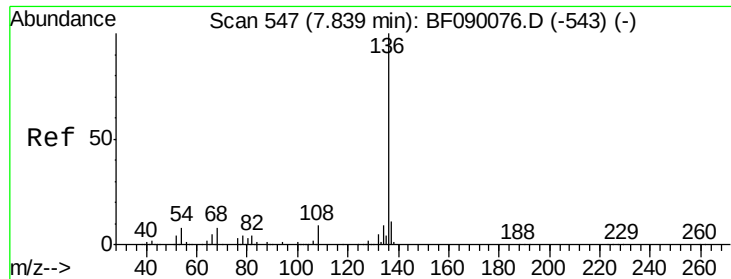
Tot Ion: 79 Resp: 15848
Ion Ratio Lower Upper
79 100
108 32.3 62.2 93.4#
77 109.0 51.4 77.0#



#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.126 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

Tgt Ion: 70 Resp: 119084
Ion Ratio Lower Upper
70 100
42 36.0 35.1 52.7
101 0.0 7.5 11.3#
130 2.5 16.6 25.0#

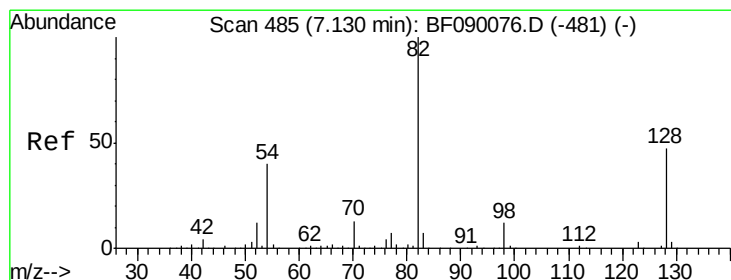
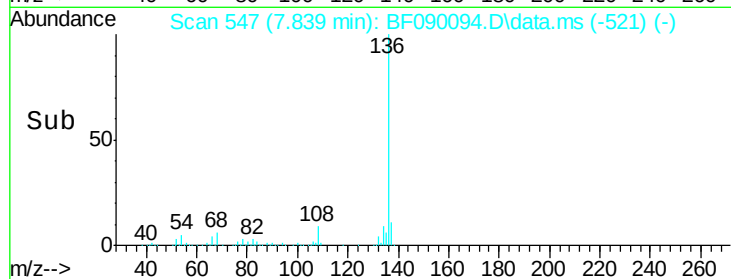
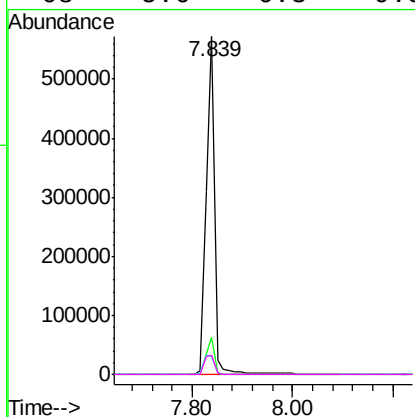
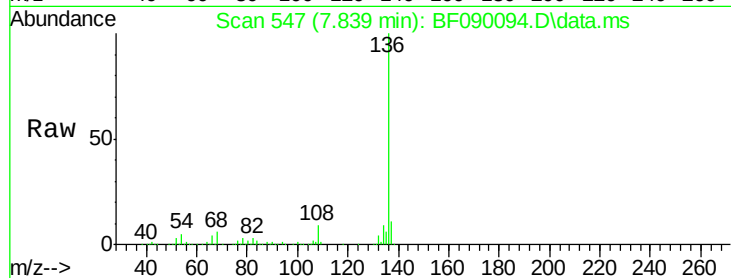




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

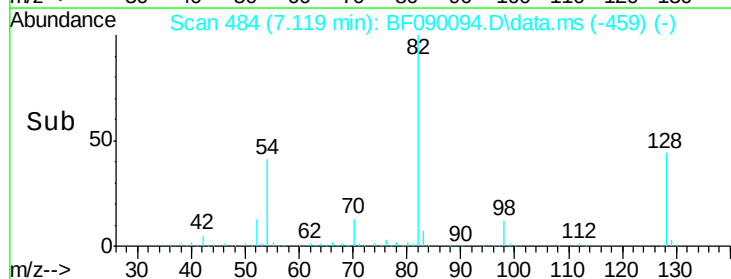
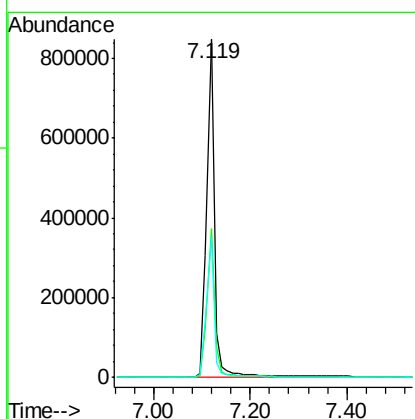
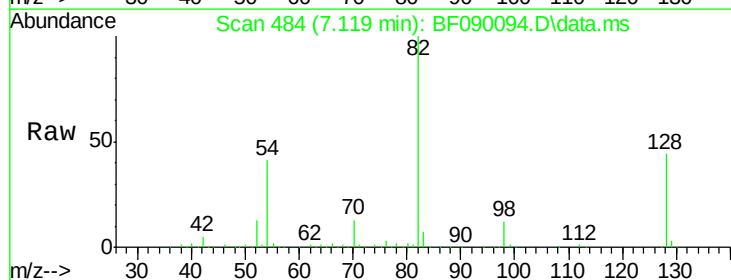
Instrument :
BNA_F
ClientSampleId :
EP-61-SW

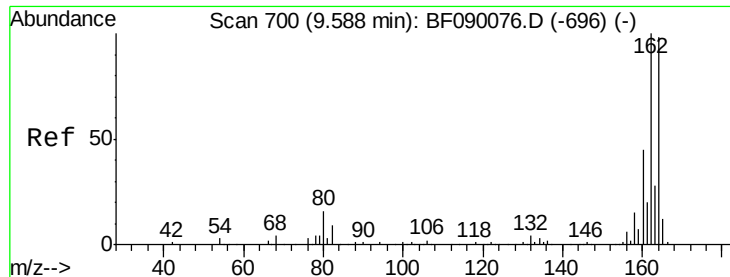
Tot Ion:136	Resp:	661372
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.3	6.4 9.6#
68	5.6	6.3 9.5#



#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 7.119 min Scan# 484
Delta R.T. -0.011 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

Tgt Ion: 82	Resp:	962572
Ion Ratio	Lower	Upper
82	100	
128	44.0	37.5 56.3
54	41.2	31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.576 min Scan# 69

Delta R.T. -0.011 min

Lab File: BF090094.D

Acq: 15 Sep 2016 16:22

Instrument :

BNA_F

ClientSampleId :

EP-61-SW

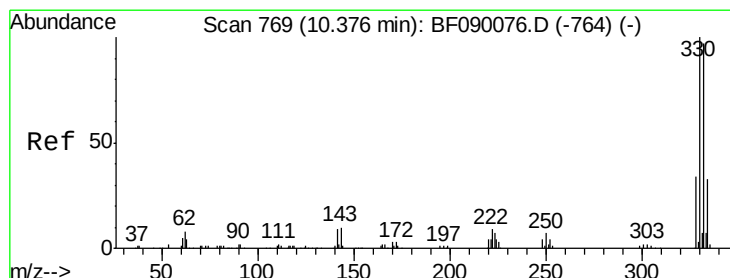
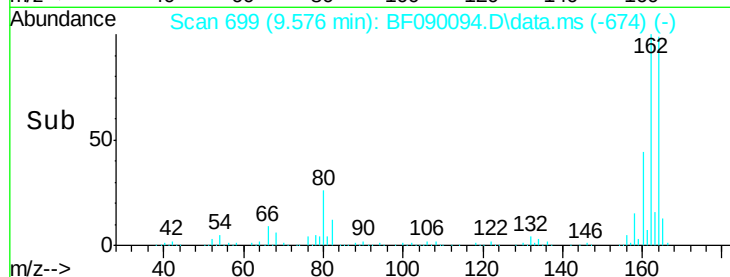
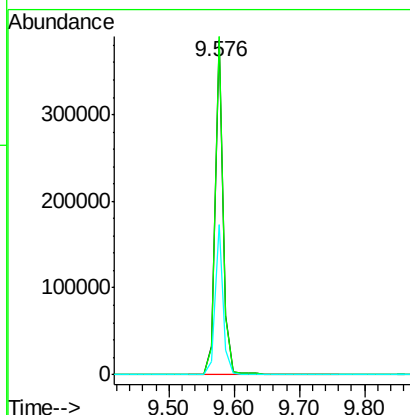
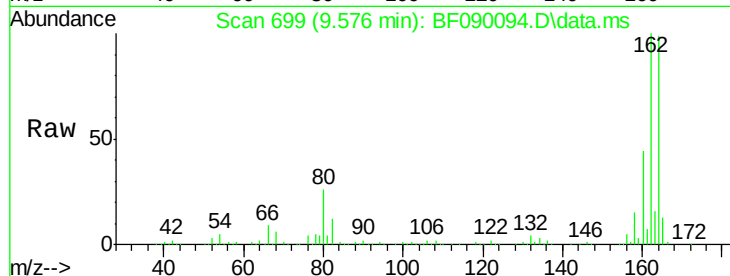
Tot Ion:164 Resp: 341579

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.2

160 44.8 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 91.74 ng

RT: 10.365 min Scan# 768

Delta R.T. -0.011 min

Lab File: BF090094.D

Acq: 15 Sep 2016 16:22

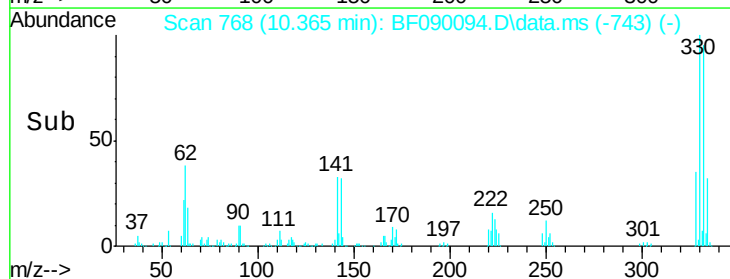
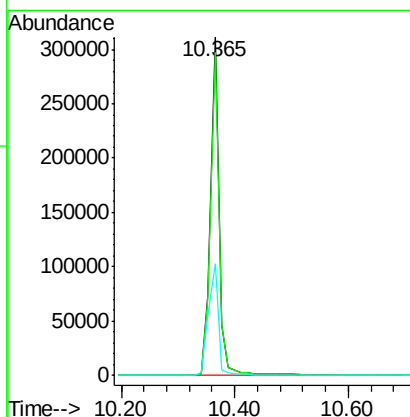
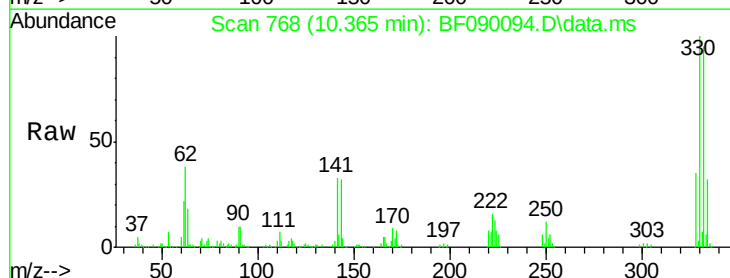
Tgt Ion:330 Resp: 314782

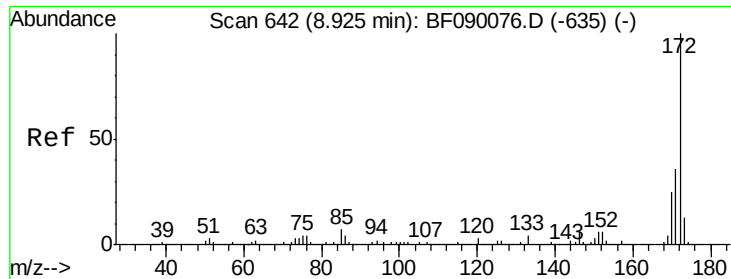
Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 37.6 23.9 35.9#

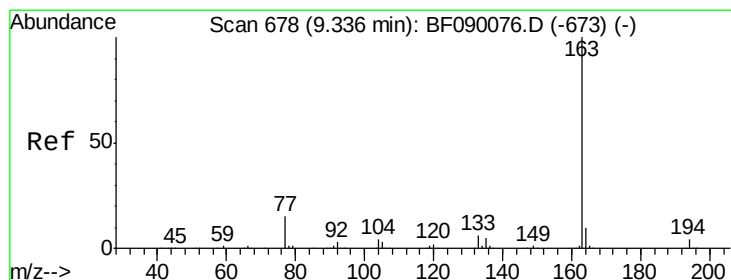
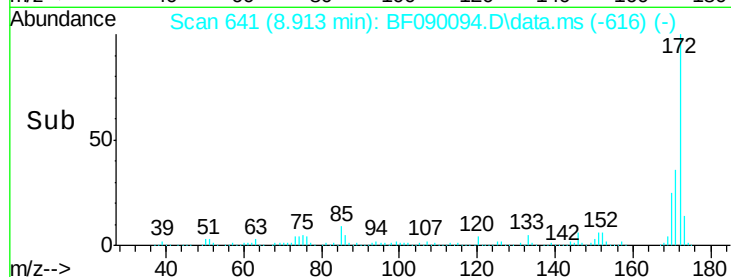
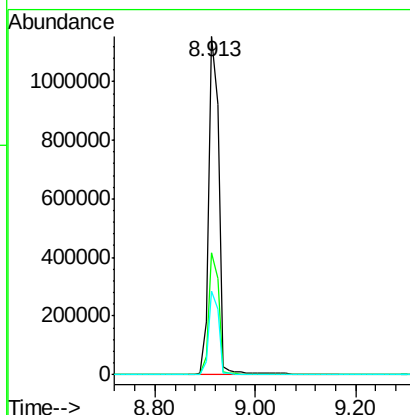
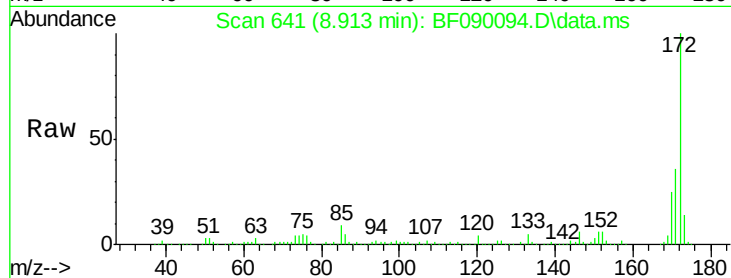




#44
2-Fluorobiphenyl
Concen: 74.67 ng
RT: 8.913 min Scan# 641
Delta R.T. -0.011 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

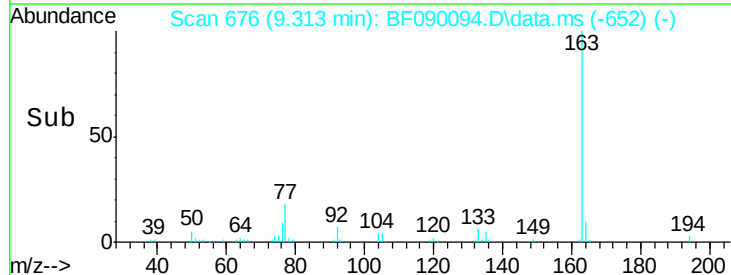
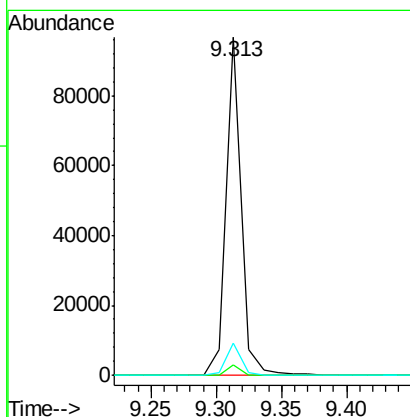
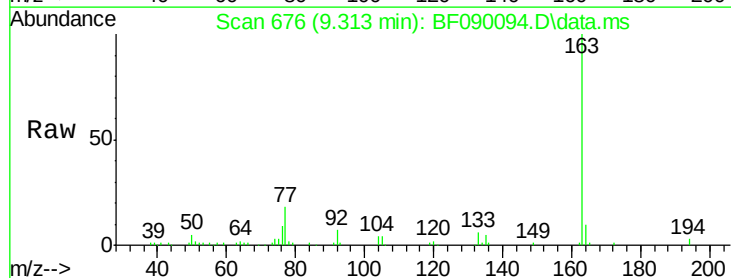
Instrument :
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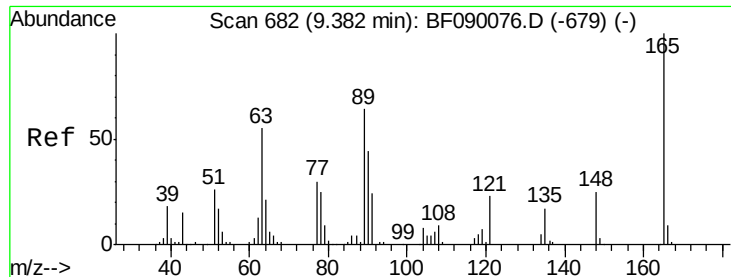
Tot Ion:172 Resp: 1623980
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 3.09 ng
RT: 9.313 min Scan# 676
Delta R.T. -0.023 min
Lab File: BF090094.D
Acq: 15 Sep 2016 16:22

Tgt Ion:163 Resp: 78508
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.7 8.1 12.1

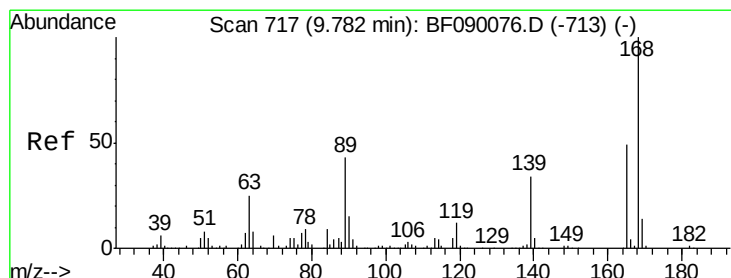
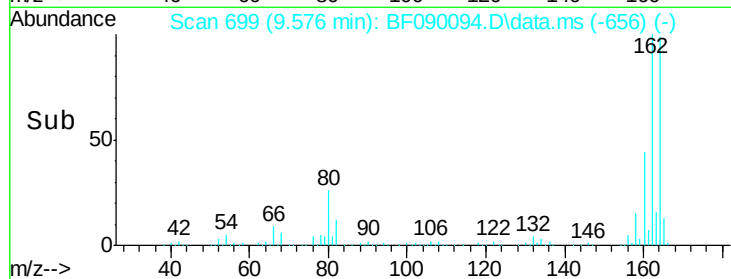
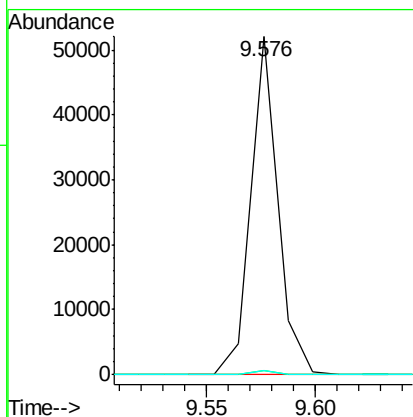
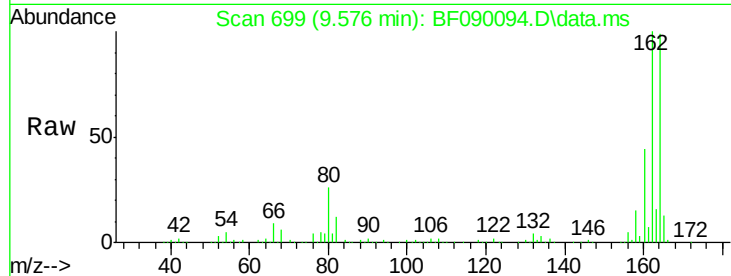




#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.576 min Scan# 699
 Delta R.T. 0.194 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

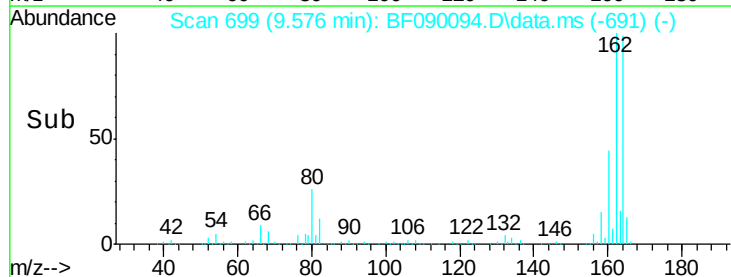
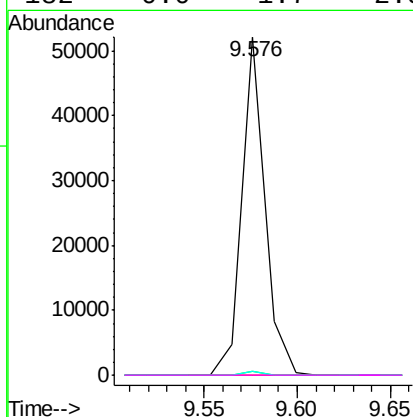
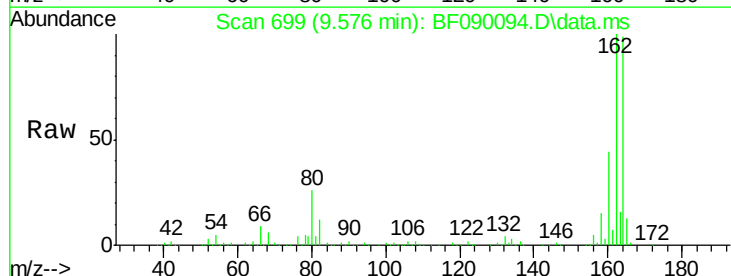
Instrument :
 BNA_F
 ClientSampleId :
 EP-61-SW

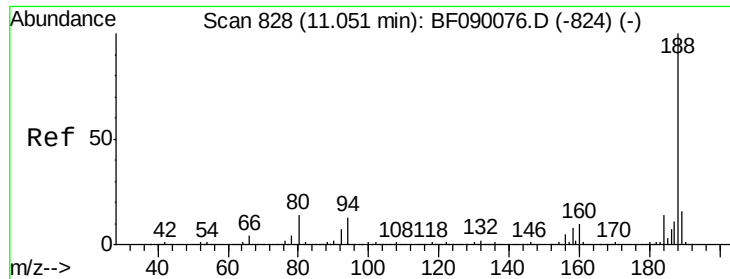
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	49.9	74.9#
89	1.0	51.0	76.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.576 min Scan# 699
 Delta R.T. -0.206 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.4	66.6#
89	1.0	70.1	105.1#
182	0.0	1.7	2.5#

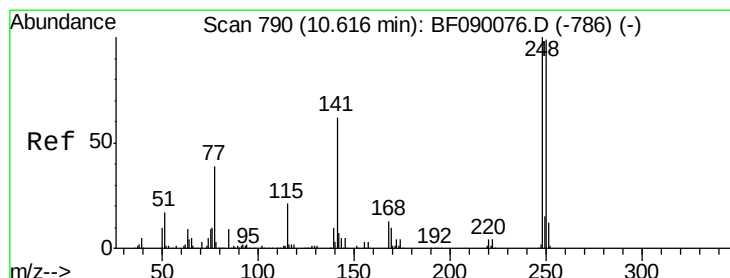
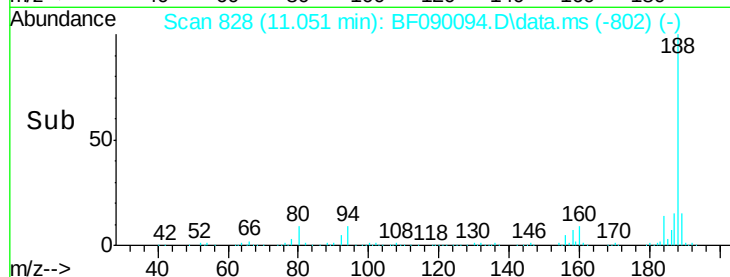
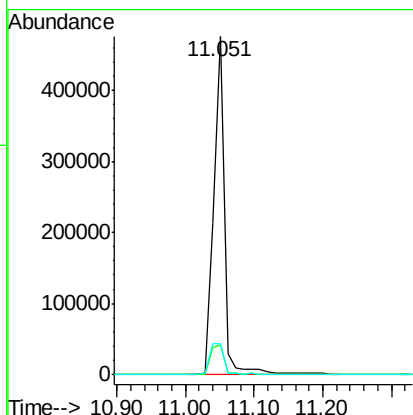
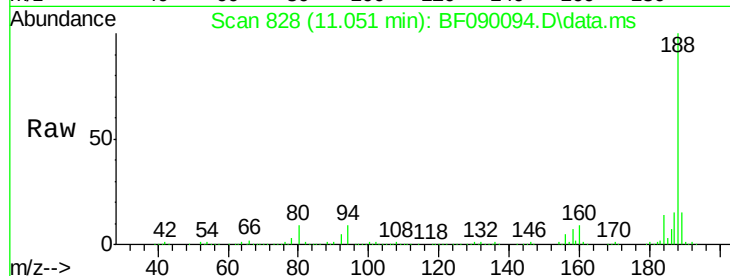




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.051 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

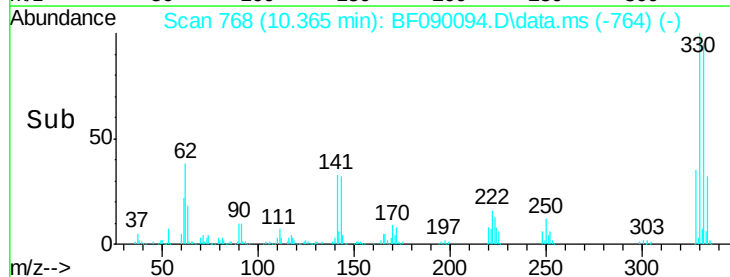
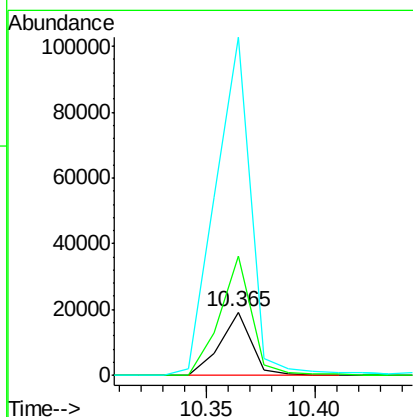
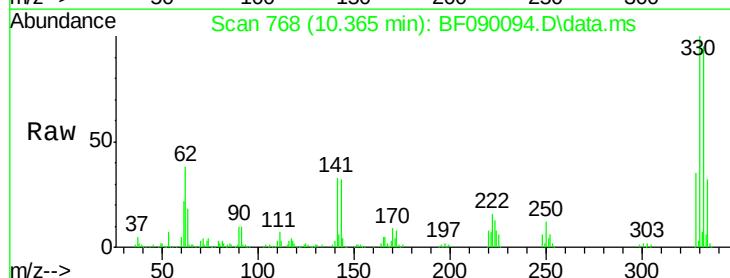
Instrument :
 BNA_F
 ClientSampleId :
 EP-61-SW

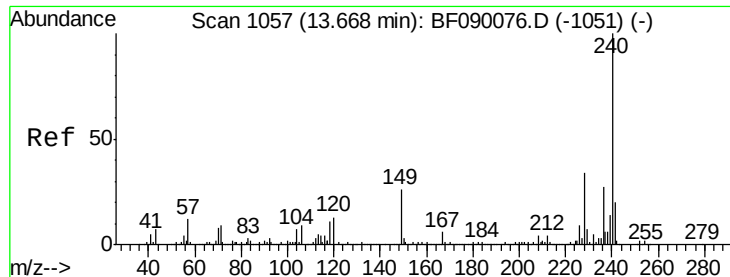
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.5	15.7#
80	9.0	11.2	16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.365 min Scan# 768
 Delta R.T. -0.251 min
 Lab File: BF090094.D
 Acq: 15 Sep 2016 16:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.1	79.4	119.2#
141	532.5	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: BF090094.D

Acq: 15 Sep 2016 16:22

Instrument :

BNA_F

ClientSampleId :

EP-61-SW

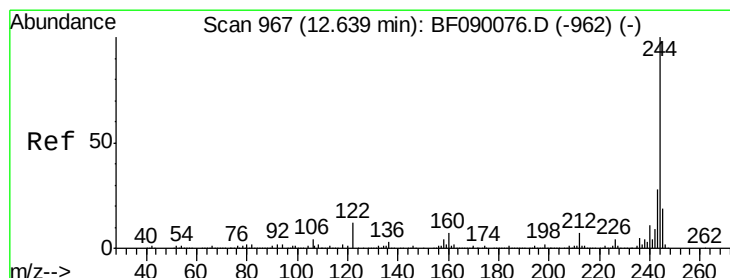
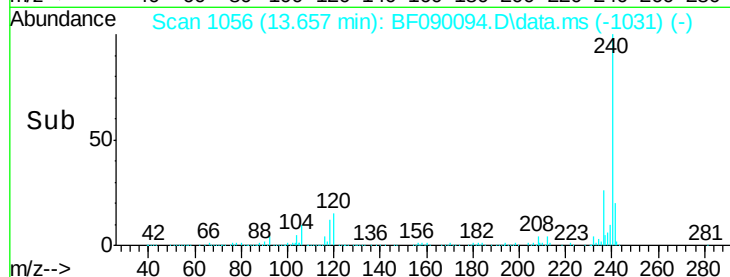
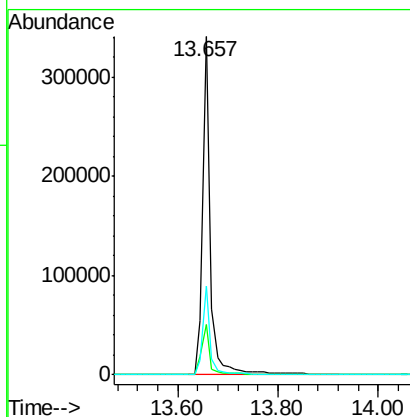
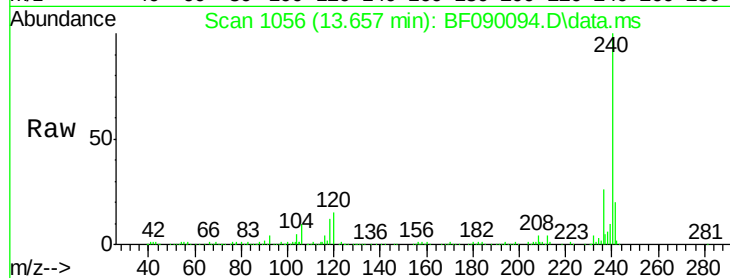
Tot Ion:240 Resp: 360868

Ion Ratio Lower Upper

240 100

120 14.8 10.6 16.0

236 26.1 21.6 32.4



#78

Terphenyl-d14

Concen: 70.18 ng

RT: 12.628 min Scan# 966

Delta R.T. -0.011 min

Lab File: BF090094.D

Acq: 15 Sep 2016 16:22

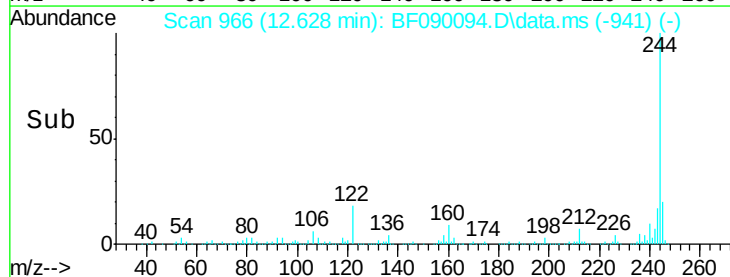
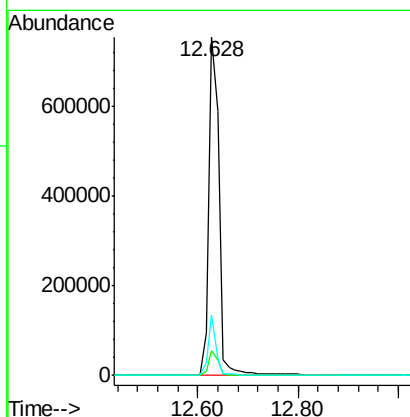
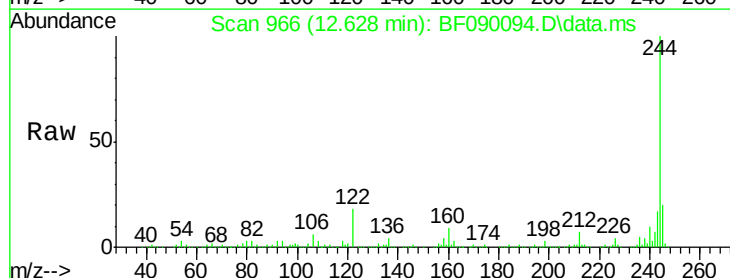
Tgt Ion:244 Resp: 1066425

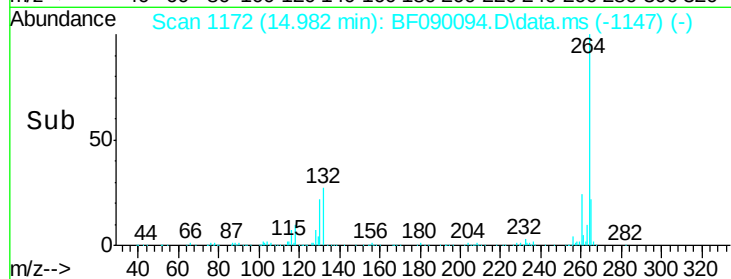
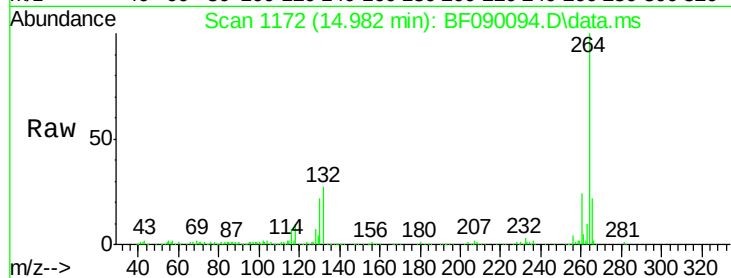
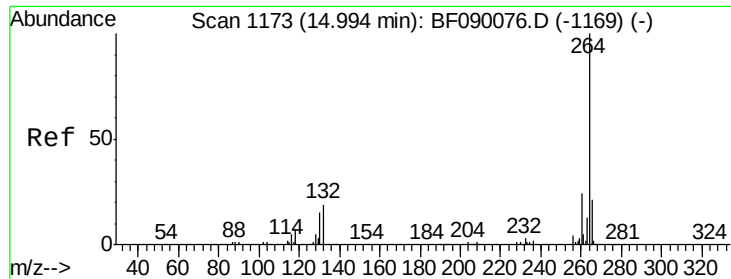
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 17.9 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: BF090094.D
Acq: 15 Sep 2016 16:22

Instrument :
BNA_F
ClientSampleId :
EP-61-SW

Tot Ion:	264	Resp:	309026
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.9	17.0	25.4

