

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090925.D
 Acq On : 31 Oct 2016 13:55
 Operator : UM/SJ
 Sample : H5411-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:33:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

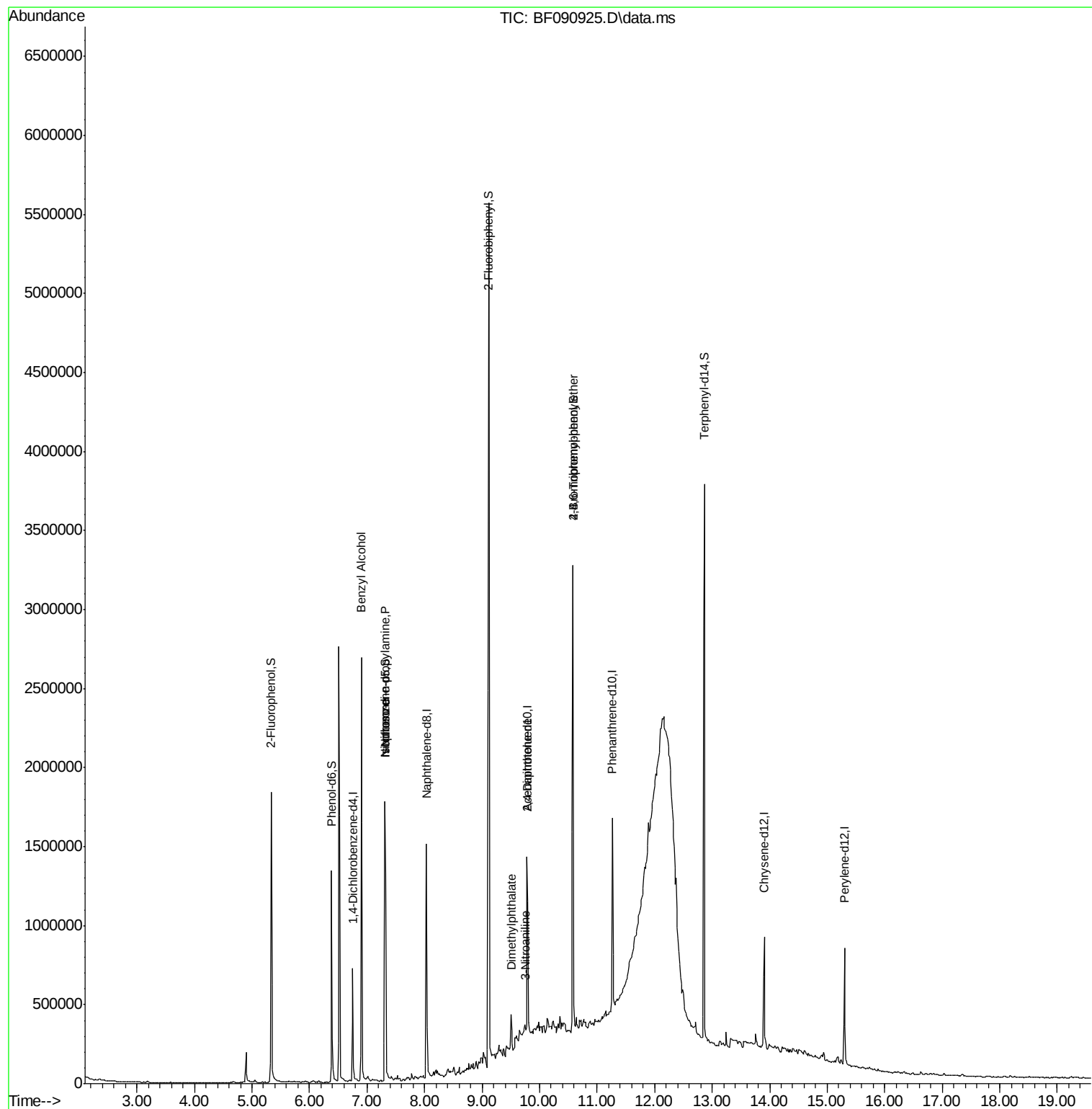
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	152263	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	661568	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	327111	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	479922	20.00	ng	-0.02
75) Chrysene-d12	13.905	240	311424	20.00	ng	-0.02
86) Perylene-d12	15.300	264	343681	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	597065	68.56	ng	-0.02
7) Phenol-d6	6.384	99	507896	43.23	ng	-0.03
23) Nitrobenzene-d5	7.310	82	922349	91.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	482588	143.56	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1931957	103.71	ng	-0.02
78) Terphenyl-d14	12.865	244	1674022	135.43	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.899	79	16202	2.10	ng	# 32
19) n-Nitroso-di-n-propyla...	7.310	70	118582	17.46	ng	# 51
25) Isophorone	7.310	82	833796	40.66	ng	# 59
49) Dimethylphthalate	9.505	163	88036	4.03	ng	# 97
52) 3-Nitroaniline	9.745	138	16687	3.25	ng	# 28
56) 2,4-Dinitrotoluene	9.779	165	43250	7.21	ng	# 36
66) 4-Bromophenyl-phenylether	10.579	248	31109	5.92	ng	# 1

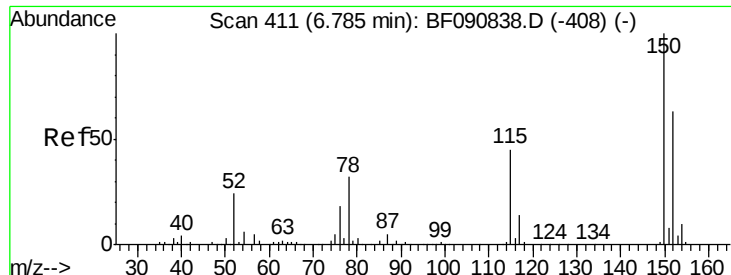
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

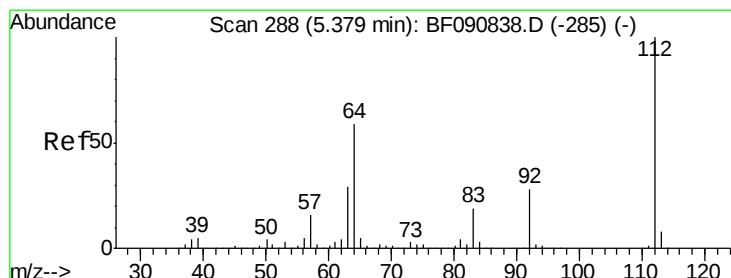
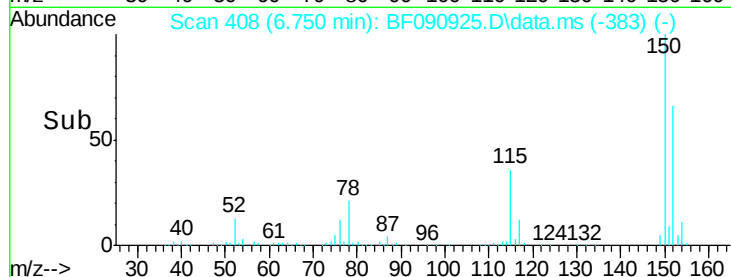
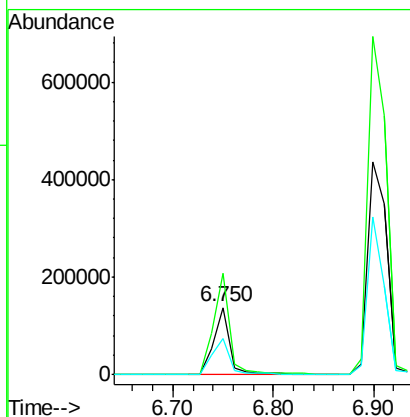
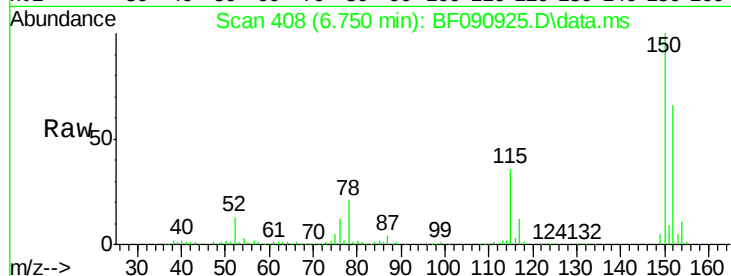
Tot Ion:152 Resp: 152263

Ion Ratio Lower Upper

152 100

150 150.9 124.7 187.1

115 54.3 39.0 58.4



#5

2-Fluorophenol

Concen: 68.56 ng

RT: 5.333 min Scan# 284

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

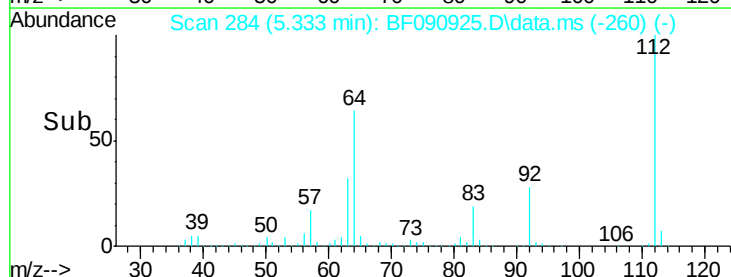
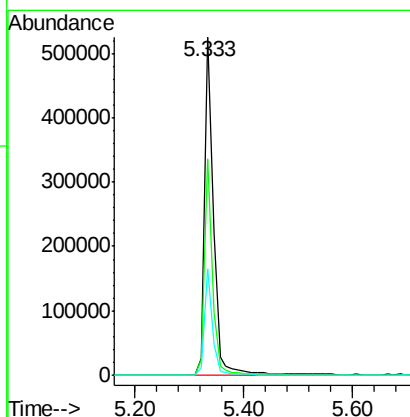
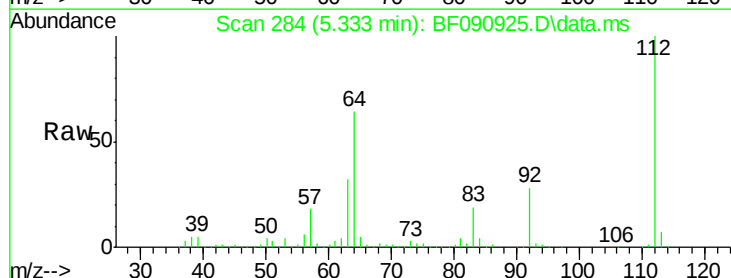
Tgt Ion:112 Resp: 597065

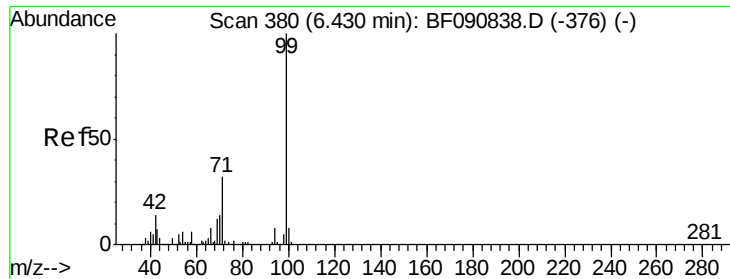
Ion Ratio Lower Upper

112 100

64 63.9 39.7 59.5#

63 31.5 17.4 26.0#





#7

Phenol-d6

Concen: 43.23 ng

RT: 6.384 min Scan# 37

Delta R.T. -0.034 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

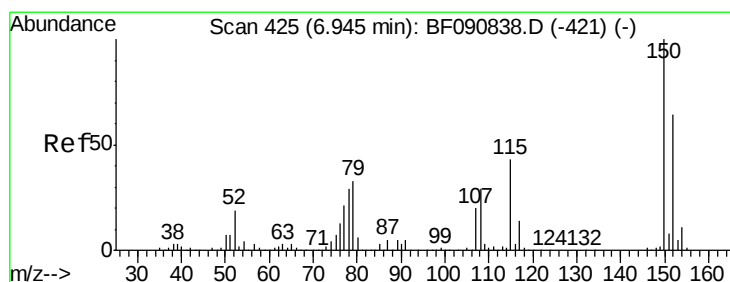
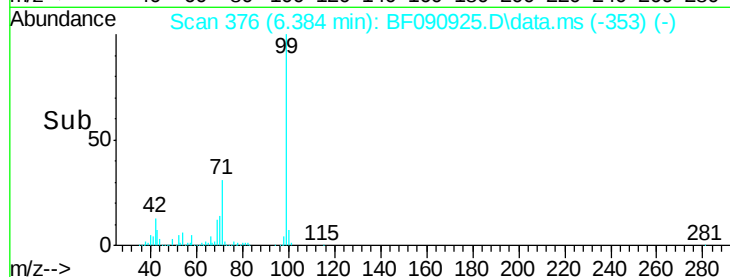
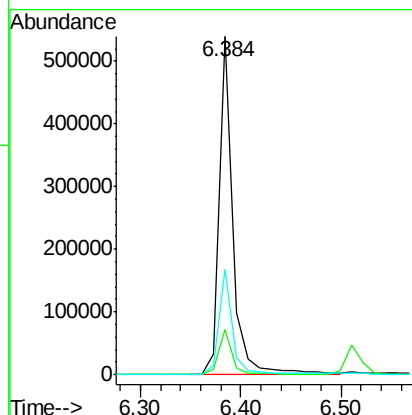
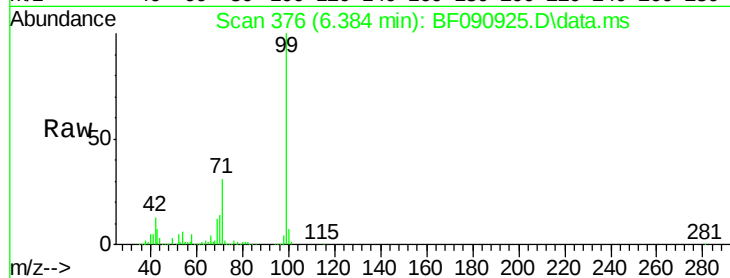
Tot Ion: 99 Resp: 507896

Ion Ratio Lower Upper

99 100

42 13.2 13.7 20.5#

71 31.3 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.899 min Scan# 421

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

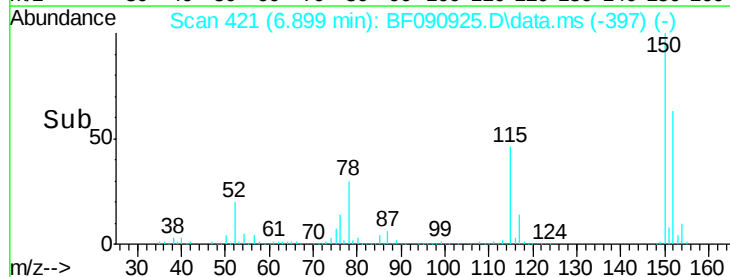
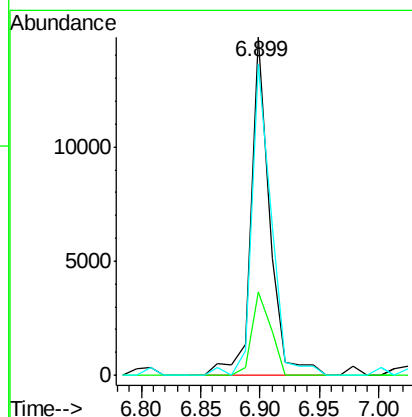
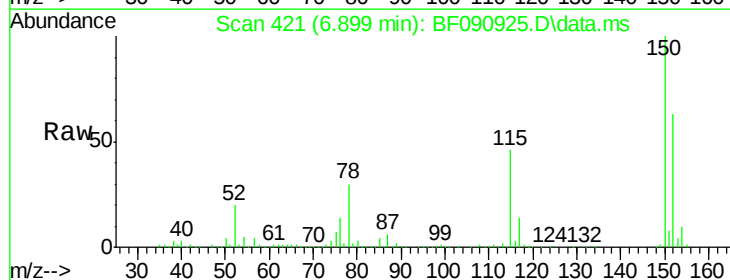
Tgt Ion: 79 Resp: 16202

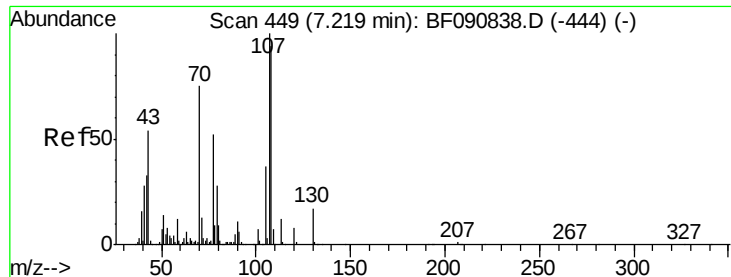
Ion Ratio Lower Upper

79 100

108 24.6 88.6 132.8#

77 91.9 47.0 70.4#

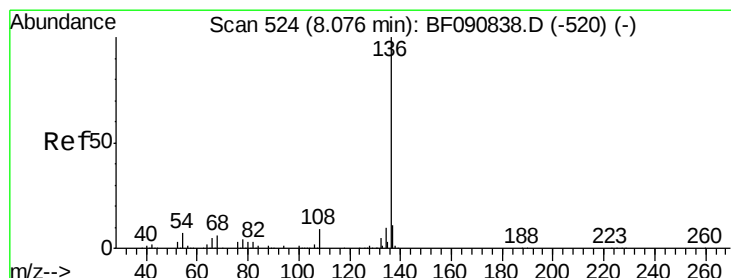
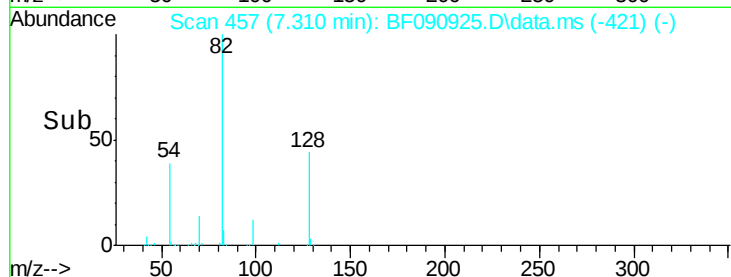
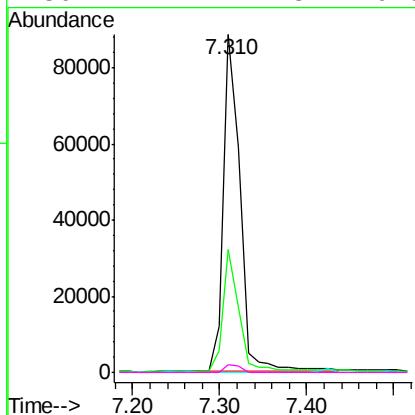
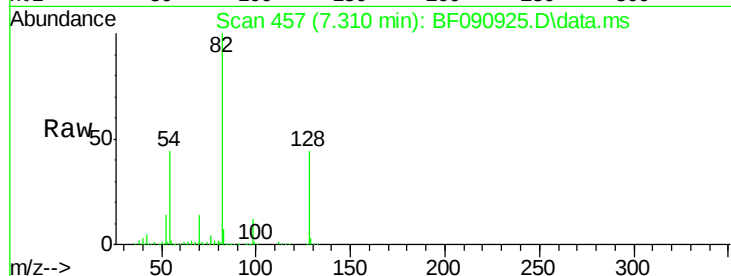




#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.115 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

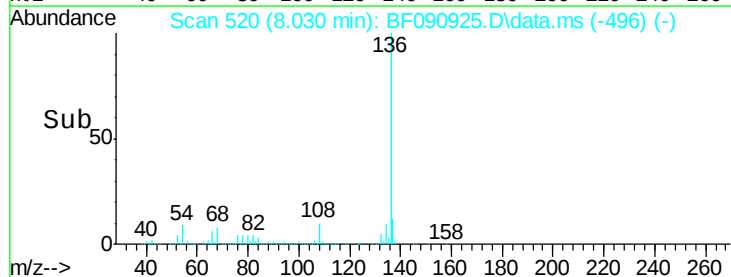
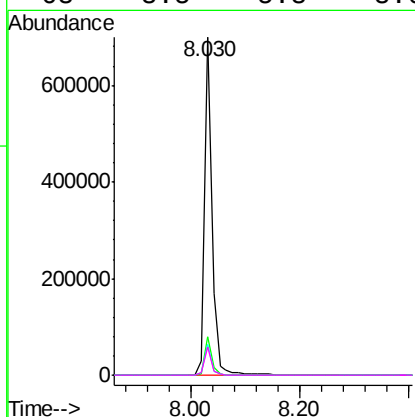
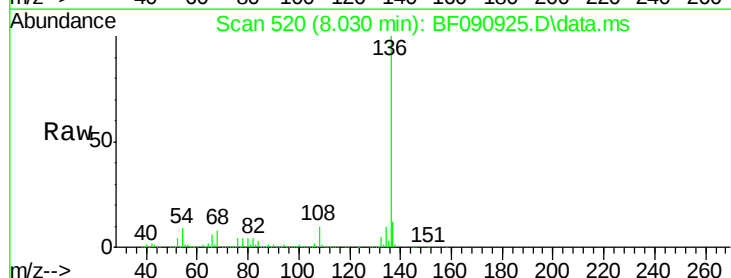
Instrument :
BNA_F
ClientSampleId :

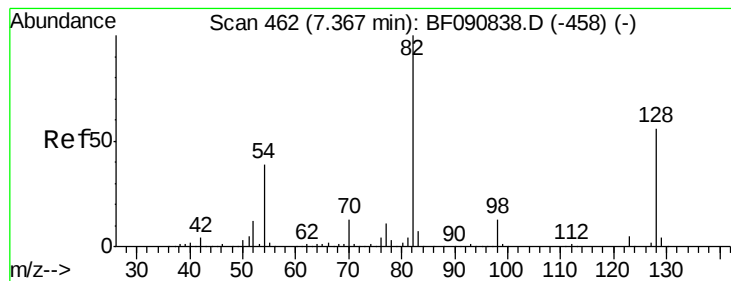
Tot Ion: 70 Resp: 118582
Ion Ratio Lower Upper
70 100
42 36.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Tgt Ion:136 Resp: 661568
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.2 8.2 12.2
68 8.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 91.27 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

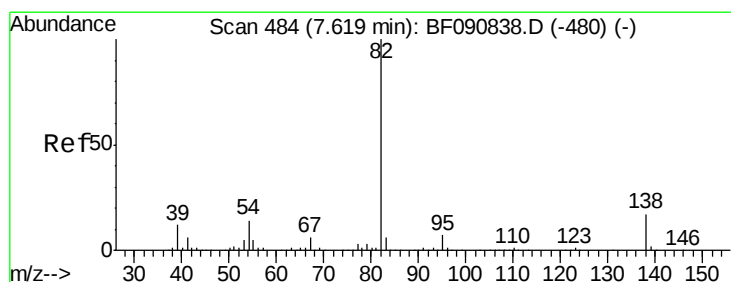
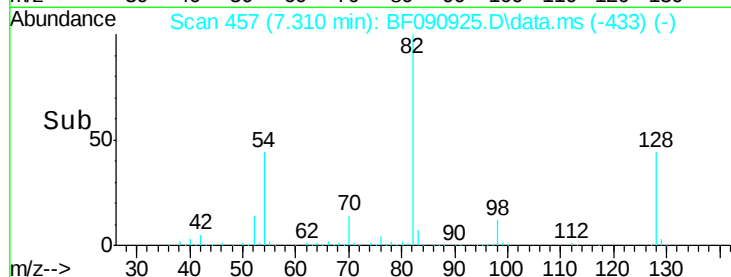
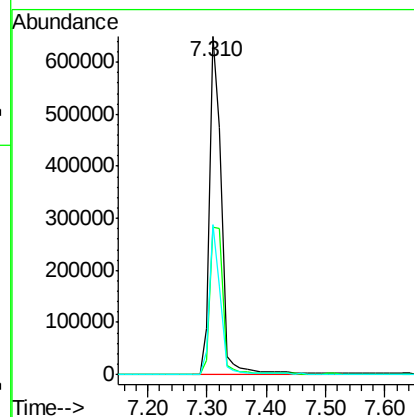
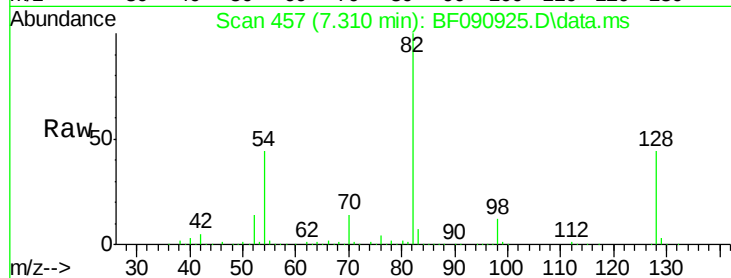
Tot Ion: 82 Resp: 922349

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

54 44.4 47.5 71.3#



#25

Isophorone

Concen: 40.66 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.285 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

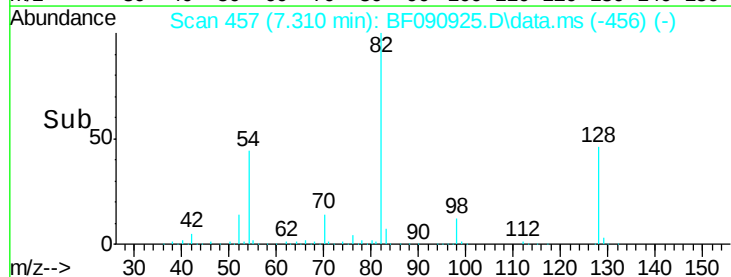
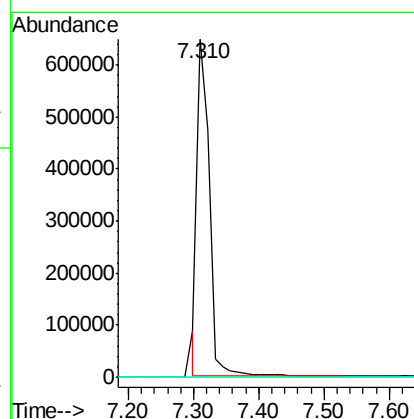
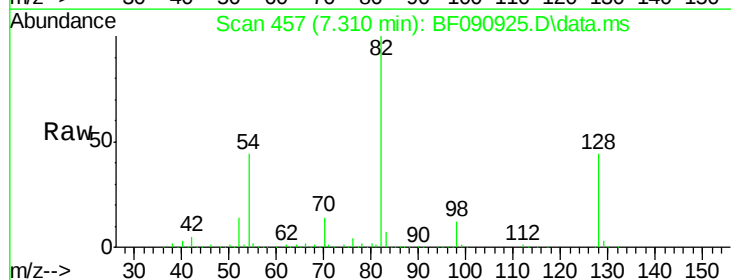
Tgt Ion: 82 Resp: 833796

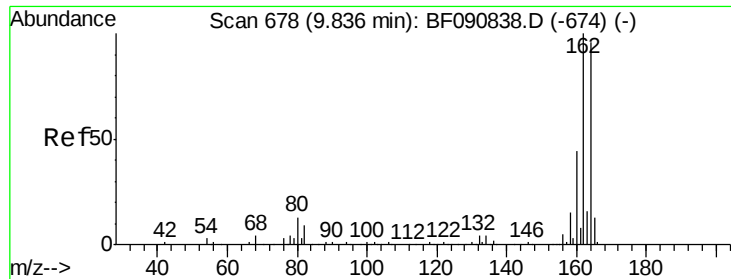
Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#

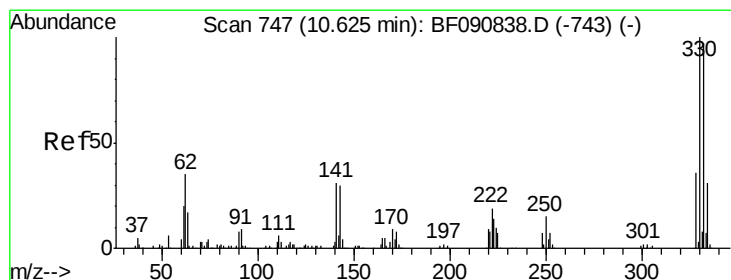
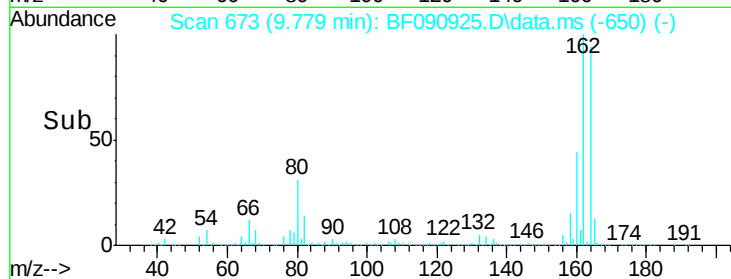
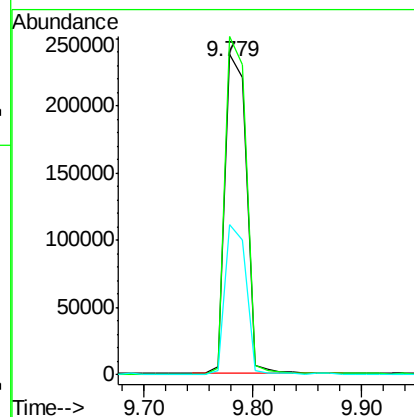
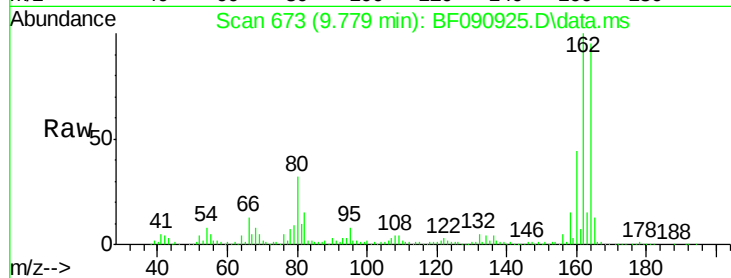




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.034 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

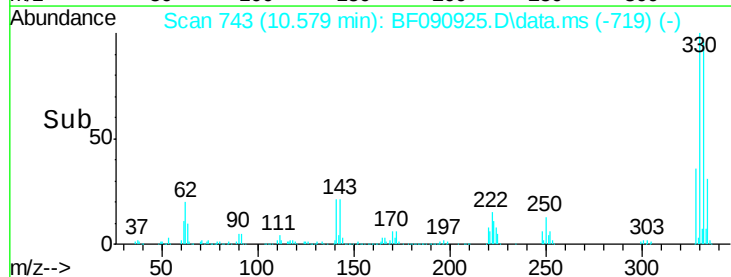
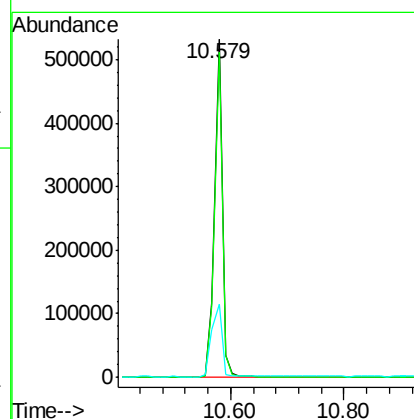
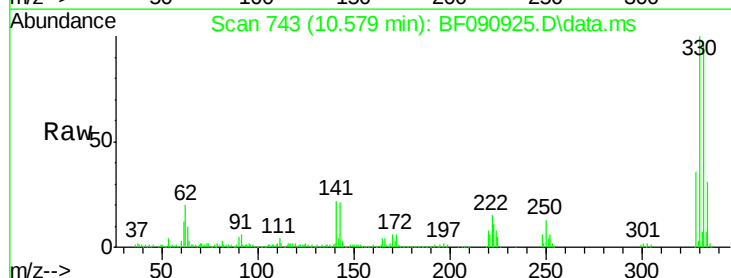
Instrument :
 BNA_F
 ClientSampleId :

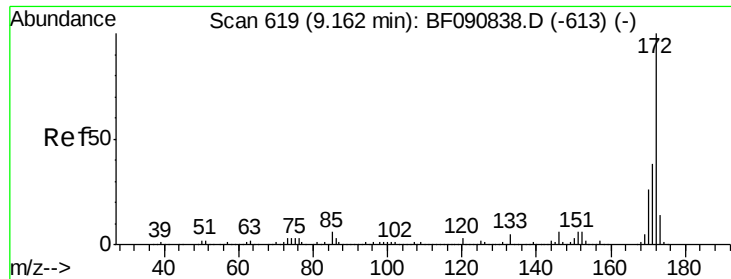
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	75.2	112.8
160	46.8	31.5	47.3



#41
 2,4,6-Tribromophenol
 Concen: 143.56 ng
 RT: 10.579 min Scan# 743
 Delta R.T. -0.023 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	28.1	29.7	44.5#





#44

2-Fluorobiphenyl

Concen: 103.71 ng

RT: 9.116 min Scan# 61

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

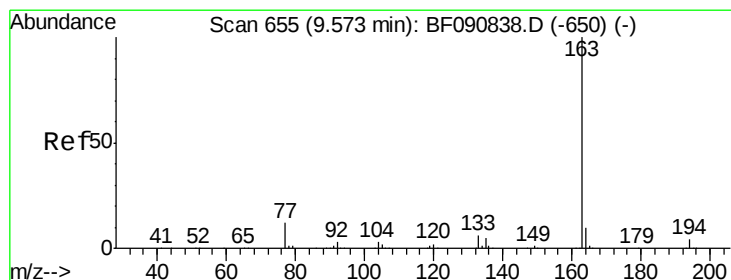
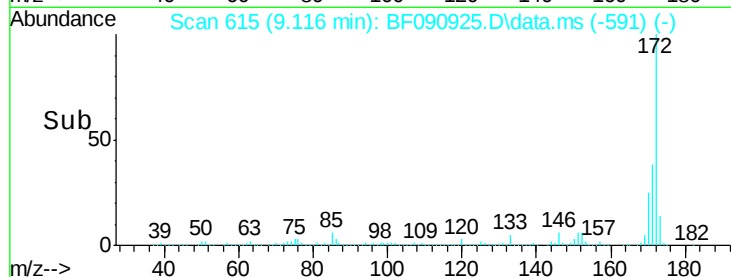
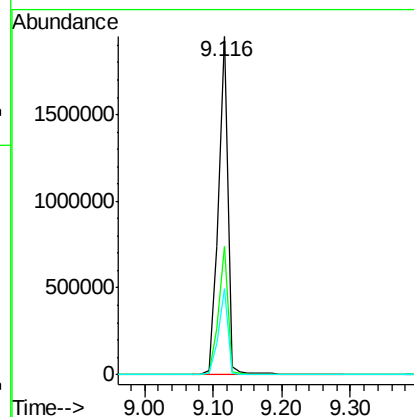
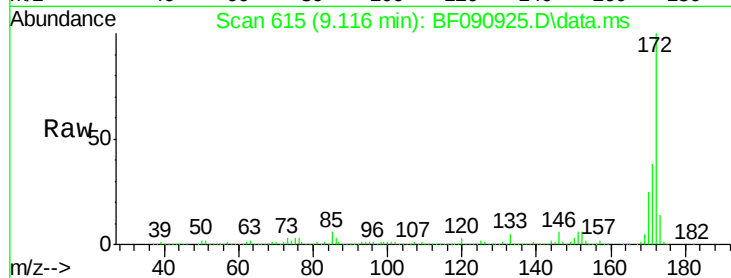
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1931957

Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.1	39.1
170	25.4	17.4	26.2



#49

Dimethylphthalate

Concen: 4.03 ng

RT: 9.505 min Scan# 649

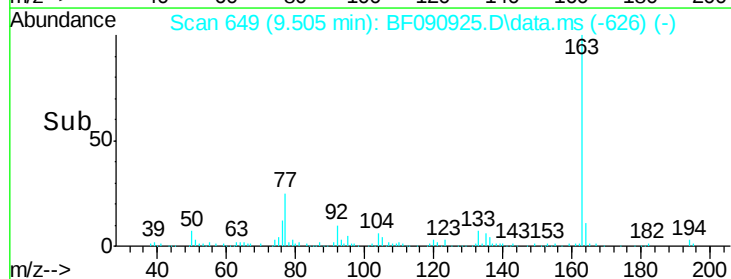
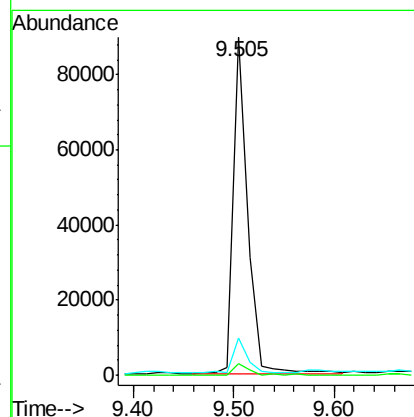
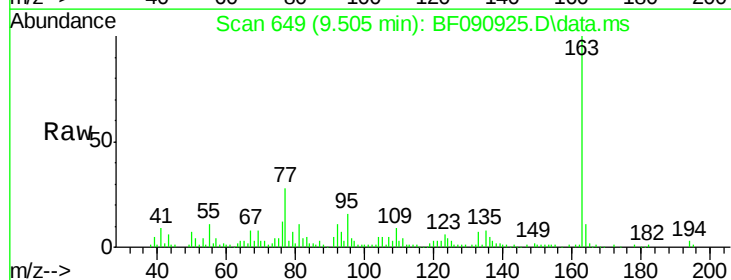
Delta R.T. -0.034 min

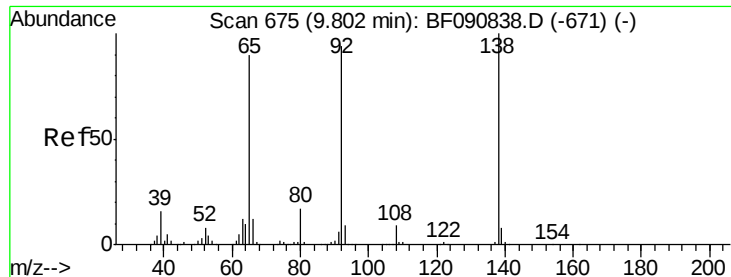
Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Tgt Ion:163 Resp: 88036

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	11.0	8.3	12.5





#52

3-Nitroaniline

Concen: 3.25 ng

RT: 9.745 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

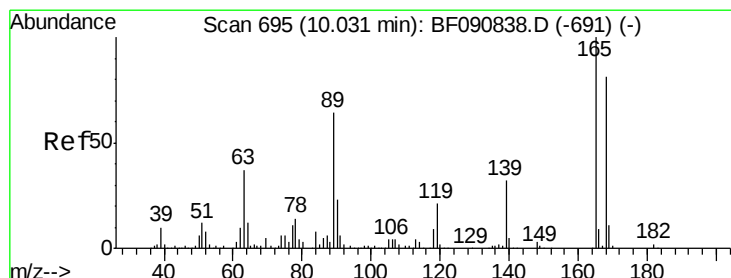
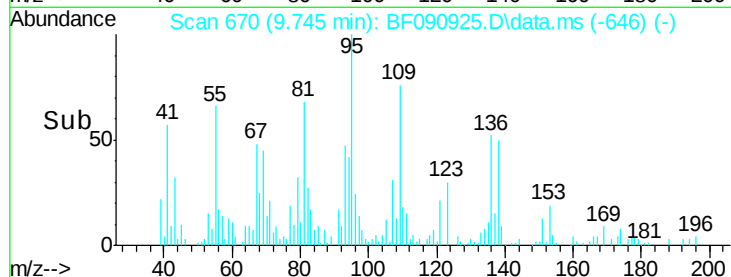
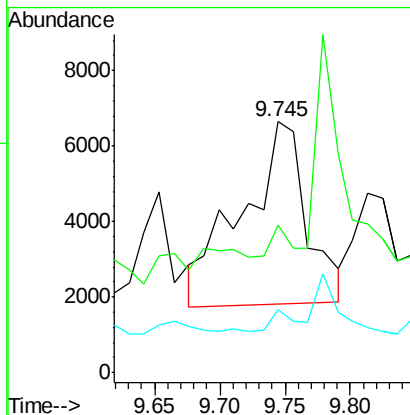
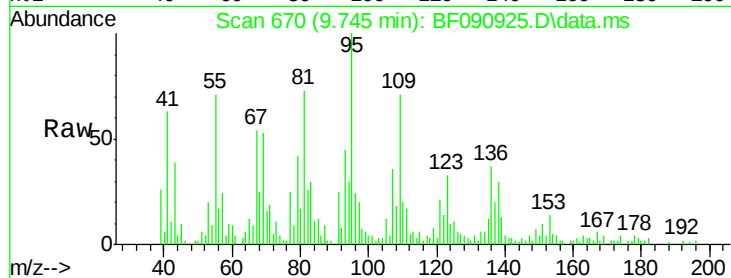
Tot Ion:138 Resp: 16687

Ion Ratio Lower Upper

138 100

108 59.0 5.7 8.5#

92 25.0 67.7 101.5#



#56

2,4-Dinitrotoluene

Concen: 7.21 ng

RT: 9.779 min Scan# 673

Delta R.T. -0.228 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Tgt Ion:165 Resp: 43250

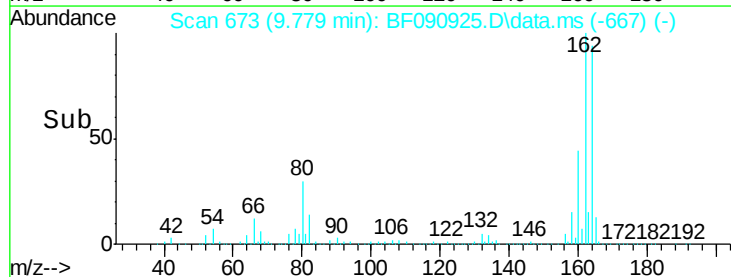
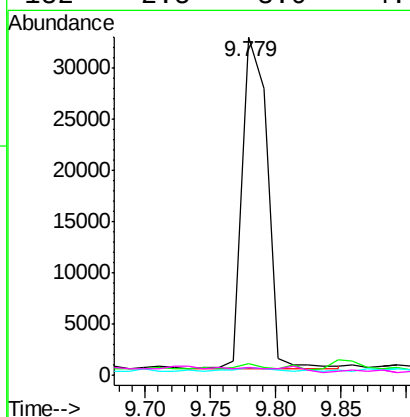
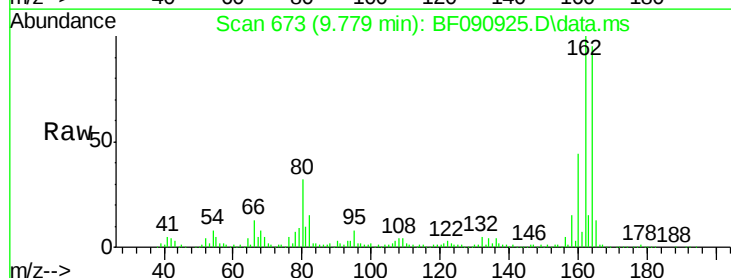
Ion Ratio Lower Upper

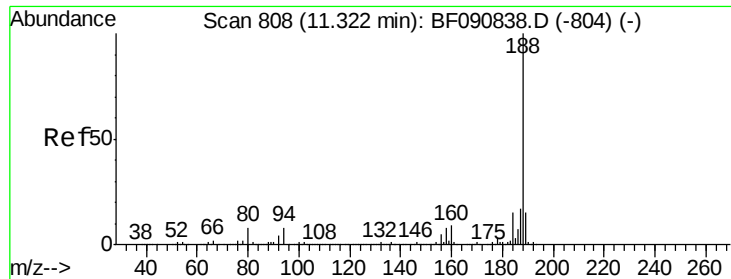
165 100

63 3.5 29.8 44.6#

89 2.5 44.5 66.7#

182 2.5 3.0 4.4#

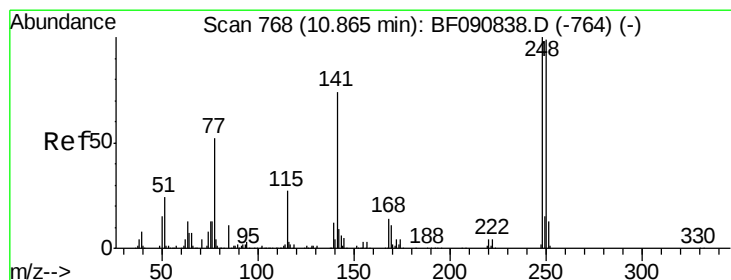
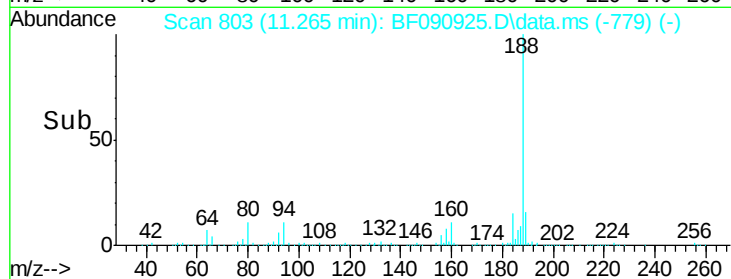
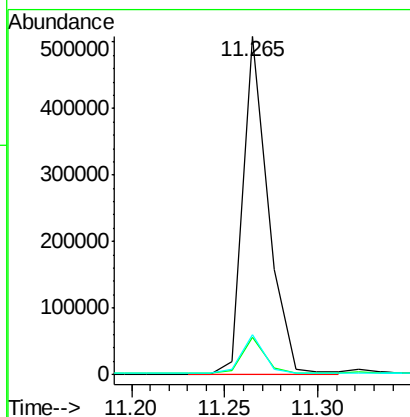
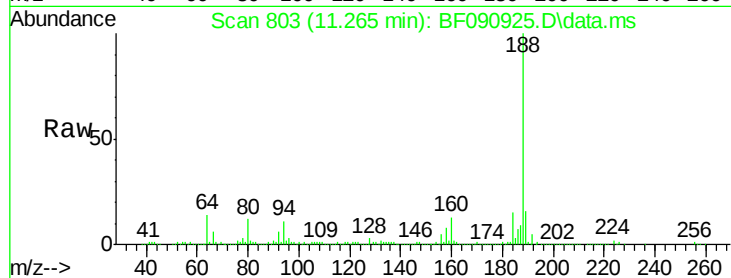




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

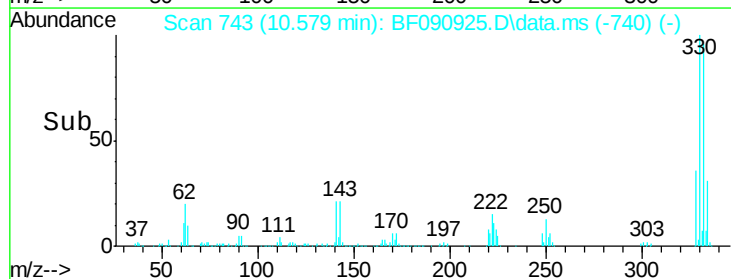
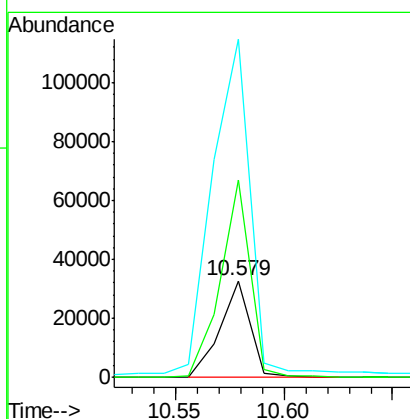
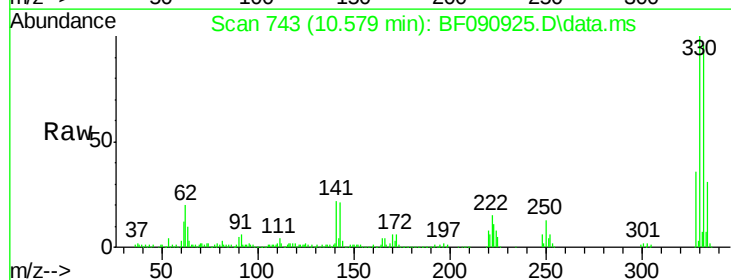
Instrument :
 BNA_F
 ClientSampleId :

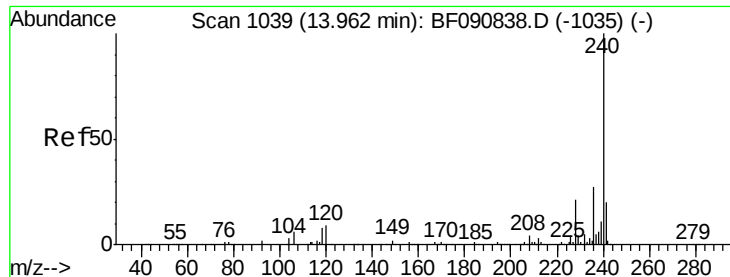
Tot Ion:188 Resp: 479922
 Ion Ratio Lower Upper
 188 100
 94 11.1 11.1 16.7#
 80 11.9 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 5.92 ng
 RT: 10.579 min Scan# 743
 Delta R.T. -0.263 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

Tgt Ion:248 Resp: 31109
 Ion Ratio Lower Upper
 248 100
 250 205.3 78.5 117.7#
 141 351.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.905 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampled :

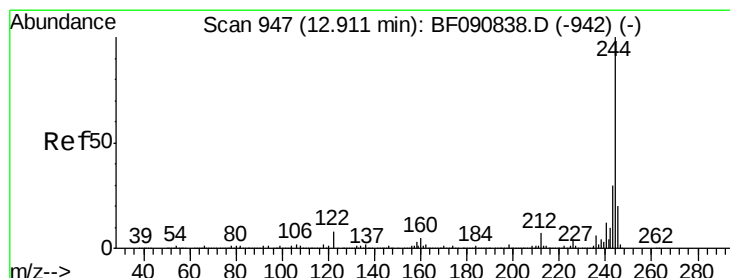
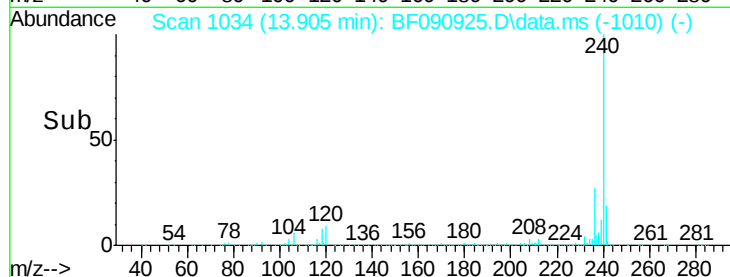
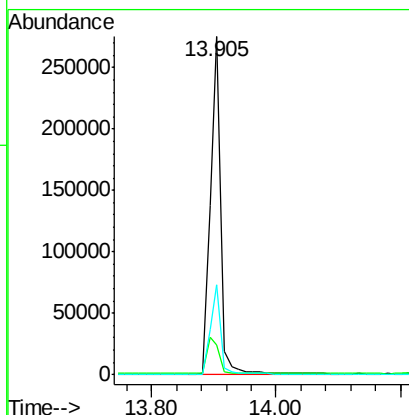
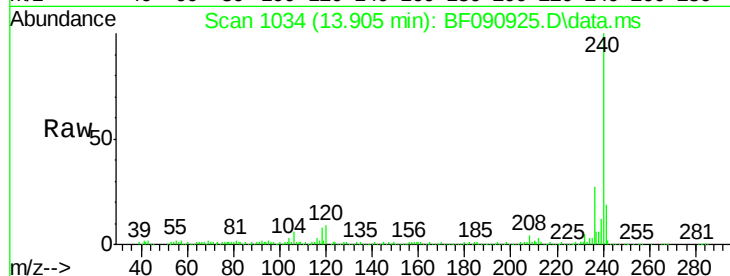
Tot Ion:240 Resp: 311424

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

236 26.7 18.4 27.6



#78

Terphenyl-d14

Concen: 135.43 ng

RT: 12.865 min Scan# 943

Delta R.T. -0.011 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

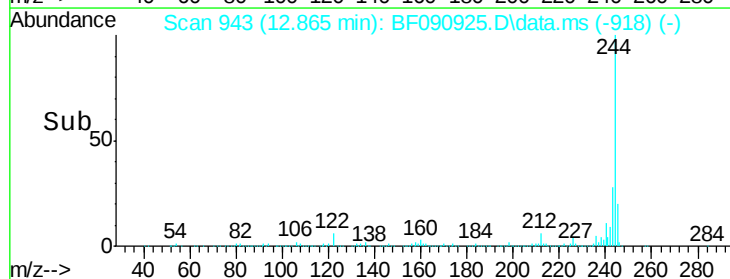
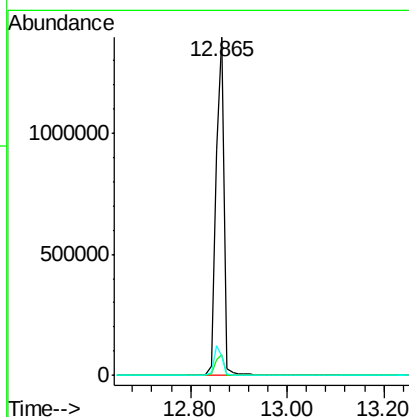
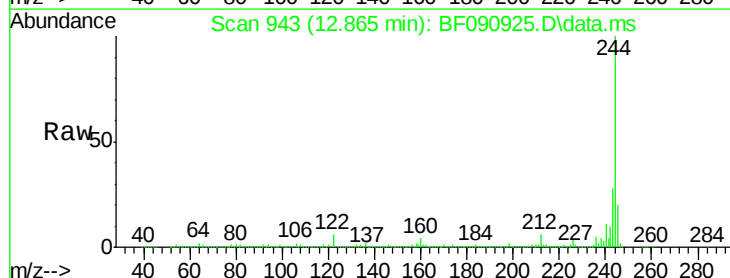
Tgt Ion:244 Resp: 1674022

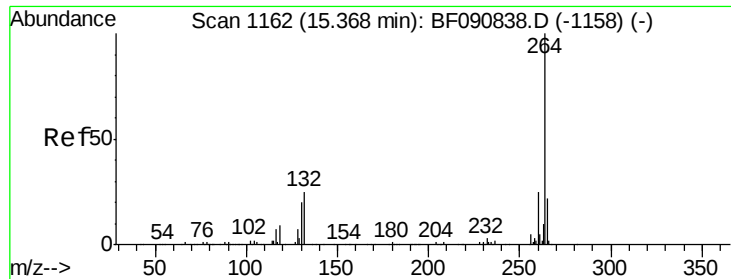
Ion Ratio Lower Upper

244 100

212 6.0 4.3 6.5

122 5.8 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.300 min Scan# 11
 Delta R.T. -0.034 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 343681
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.9 17.2 25.8

