

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090938.D
 Acq On : 31 Oct 2016 19:49
 Operator : UM/SJ
 Sample : H5463-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:37:24 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

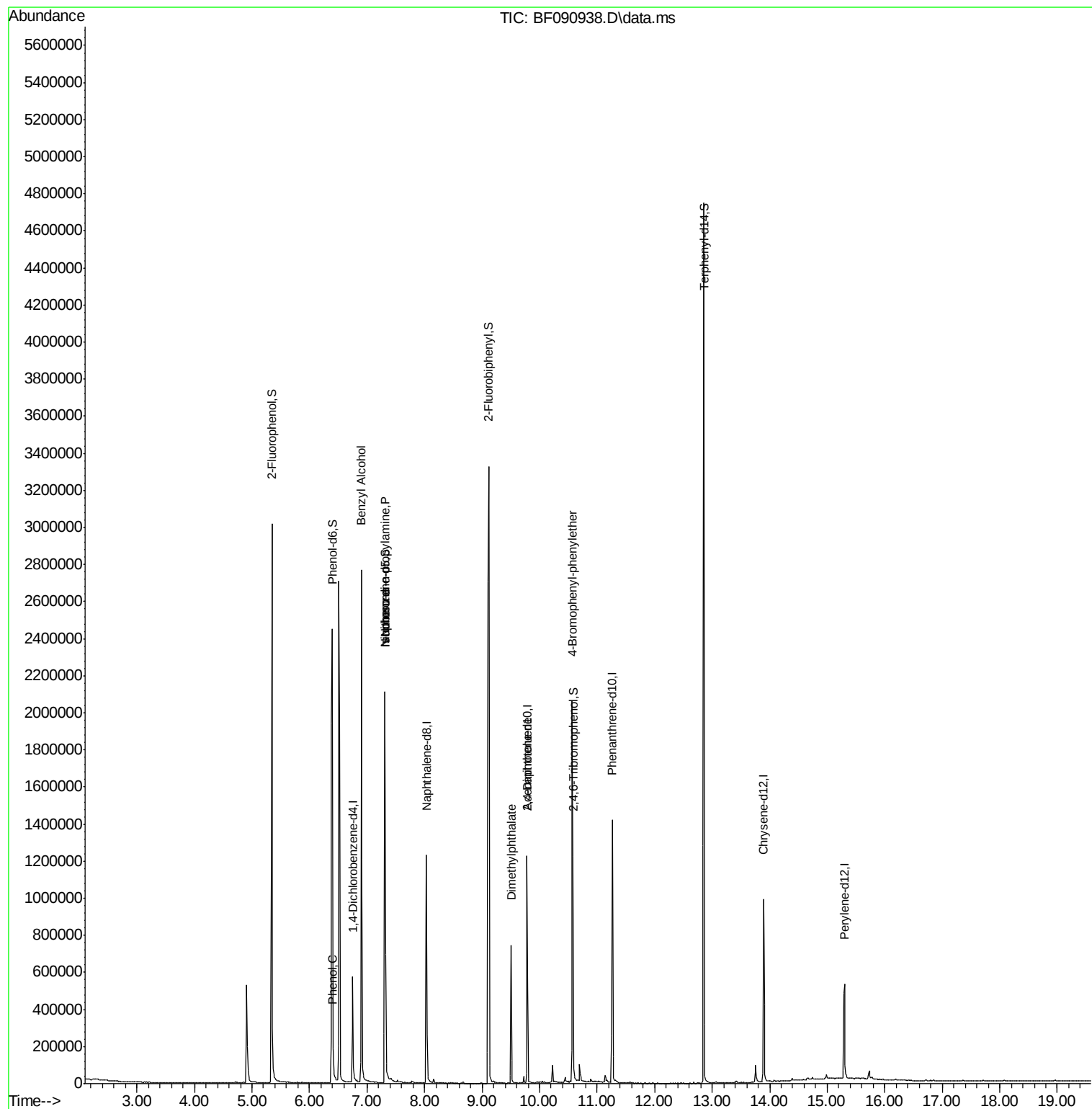
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	127324	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	565627	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	283979	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	506445	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	363473	20.00	ng	-0.03
86) Perylene-d12	15.300	264	270061	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	988396	135.73	ng	-0.01
7) Phenol-d6	6.396	99	1357407	138.16	ng	-0.02
23) Nitrobenzene-d5	7.310	82	865637	100.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	325405	111.50	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1508706	93.29	ng	-0.02
78) Terphenyl-d14	12.854	244	1458966	101.13	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.407	94	31450	2.90	ng	81
15) Benzyl Alcohol	6.899	79	14159	2.19	ng	# 31
19) n-Nitroso-di-n-propyla...	7.310	70	118063	20.78	ng	# 53
25) Isophorone	7.310	82	776600	44.29	ng	# 58
49) Dimethylphthalate	9.505	163	278469	14.68	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	35737	6.87	ng	# 34
66) 4-Bromophenyl-phenylether	10.568	248	20569	3.71	ng	# 1

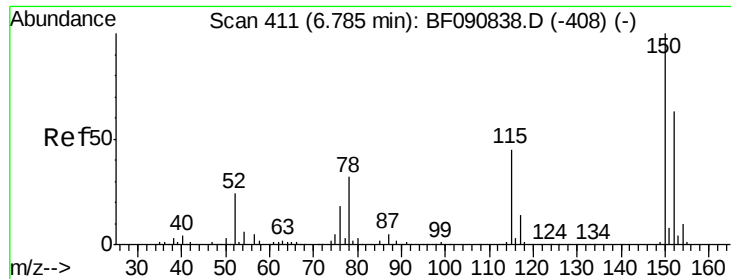
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090938.D
Acq On : 31 Oct 2016 19:49
Operator : UM/SJ
Sample : H5463-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 10:37:24 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

Instrument :

BNA_F

ClientSampleId :

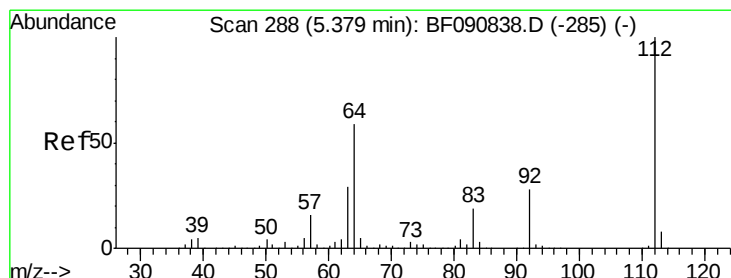
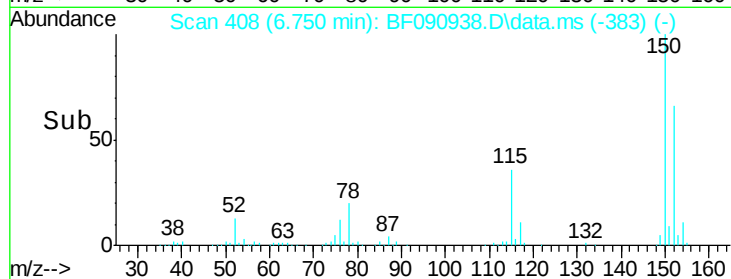
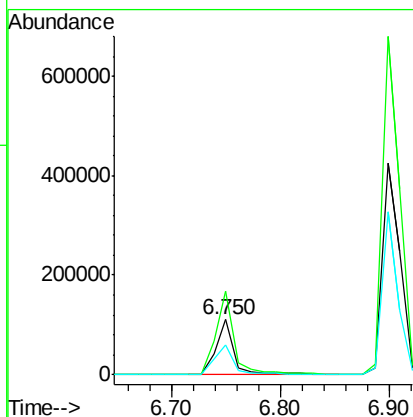
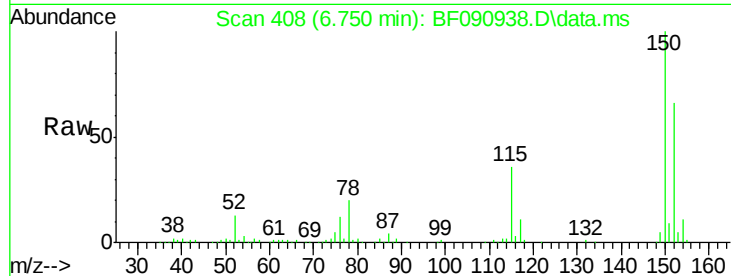
Tot Ion:152 Resp: 127324

Ion Ratio Lower Upper

152 100

150 152.6 124.7 187.1

115 54.8 39.0 58.4



#5

2-Fluorophenol

Concen: 135.73 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

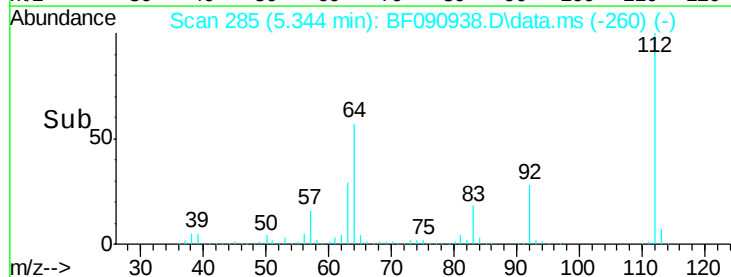
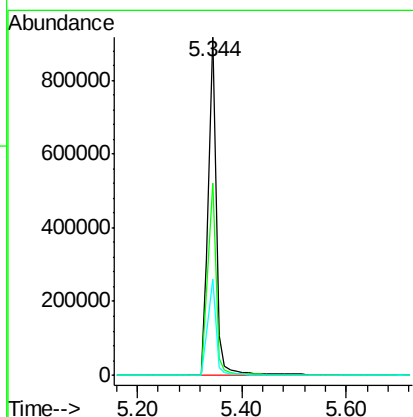
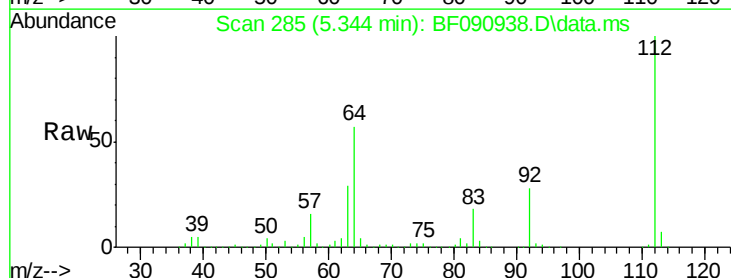
Tgt Ion:112 Resp: 988396

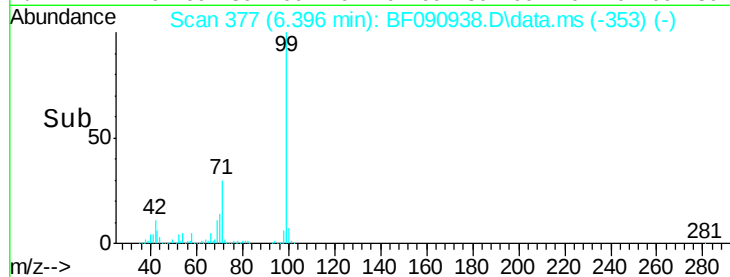
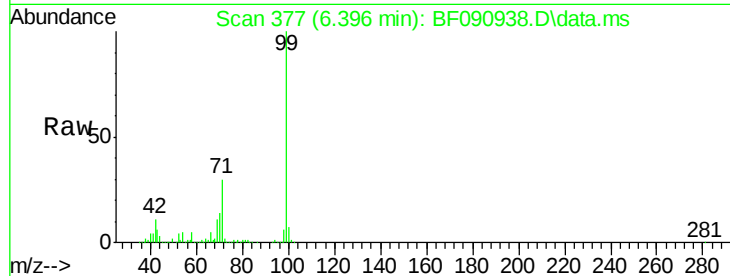
Ion Ratio Lower Upper

112 100

64 56.9 39.7 59.5

63 28.5 17.4 26.0#





#7

Phenol-d6

Concen: 138.16 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

Instrument :

BNA_F

ClientSampleId :

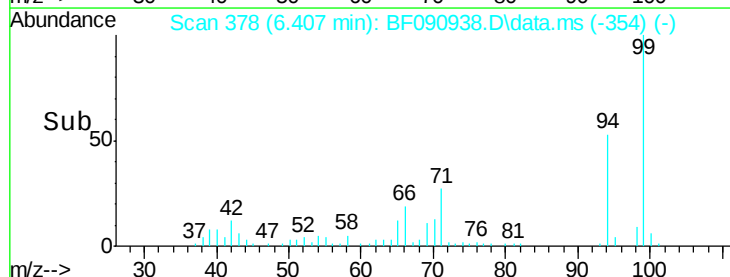
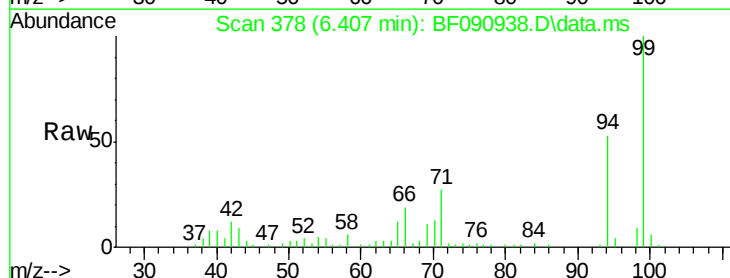
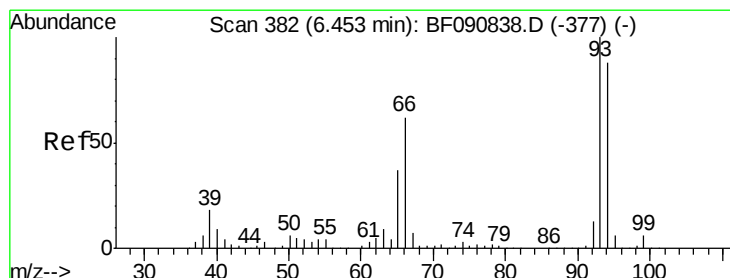
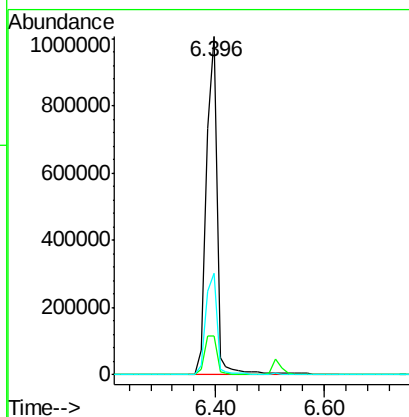
Tot Ion: 99 Resp: 1357407

Ion Ratio Lower Upper

99 100

42 11.4 13.7 20.5#

71 30.1 14.2 21.2#



#10

Phenol

Concen: 2.90 ng

RT: 6.407 min Scan# 378

Delta R.T. -0.023 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

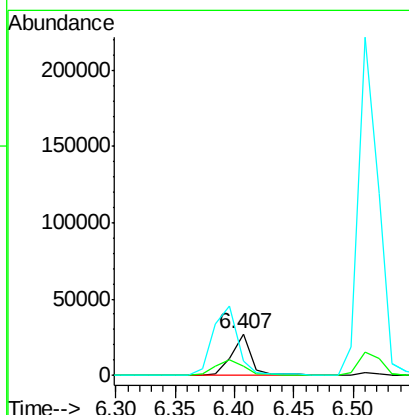
Tgt Ion: 94 Resp: 31450

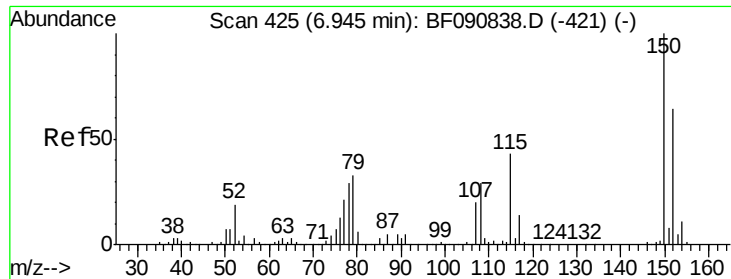
Ion Ratio Lower Upper

94 100

65 23.5 0.7 40.7

66 35.5 0.8 40.8

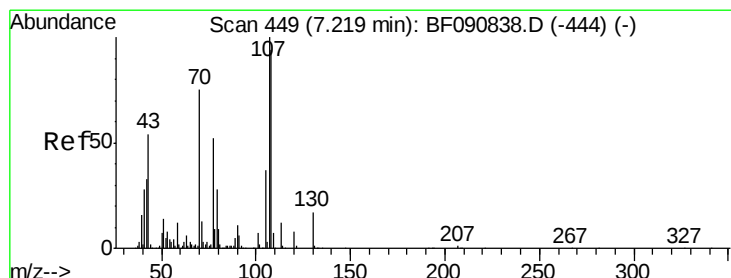
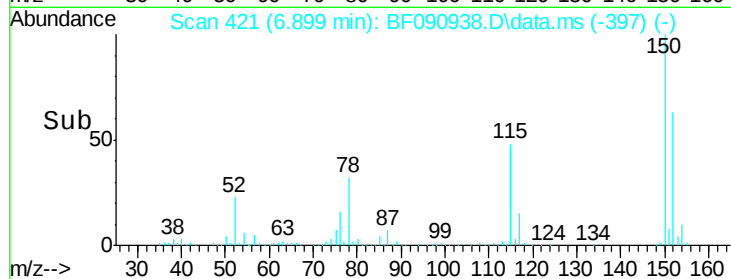
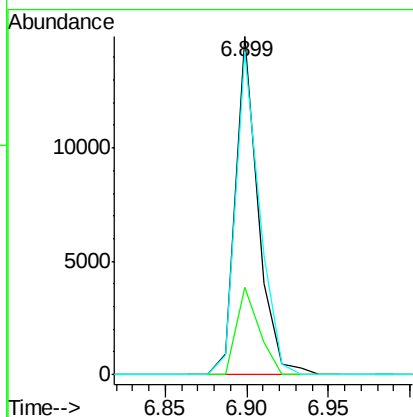
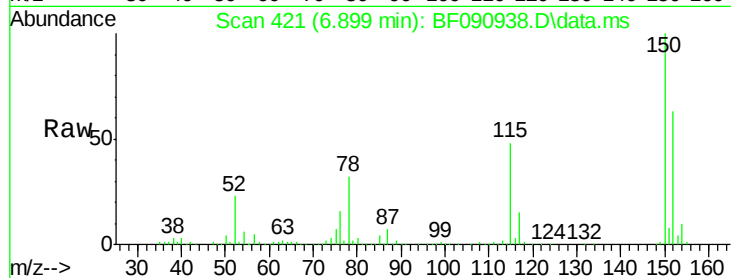




#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.899 min Scan# 421
Delta R.T. -0.023 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

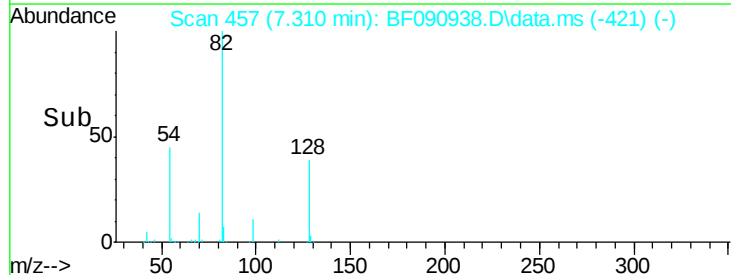
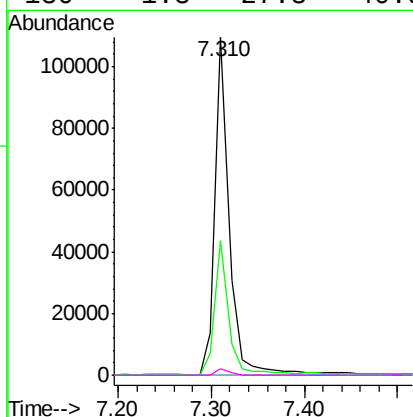
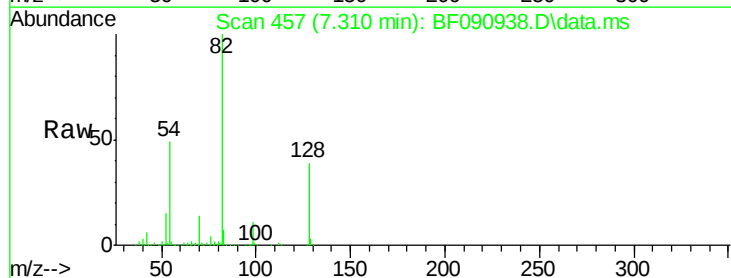
Instrument :
BNA_F
ClientSampleId :

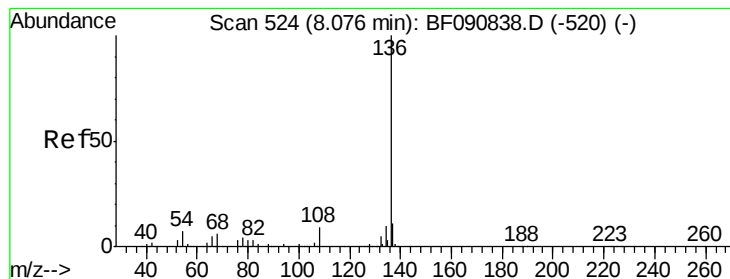
Tot Ion: 79 Resp: 14159
Ion Ratio Lower Upper
79 100
108 25.9 88.6 132.8#
77 95.5 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.78 ng
RT: 7.310 min Scan# 457
Delta R.T. 0.114 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

Tgt Ion: 70 Resp: 118063
Ion Ratio Lower Upper
70 100
42 40.0 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.030 min Scan# 52

Delta R.T. -0.023 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 565627

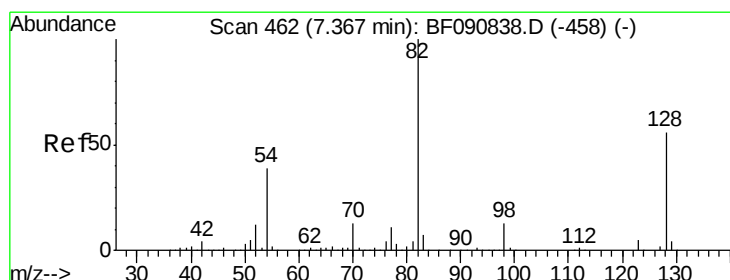
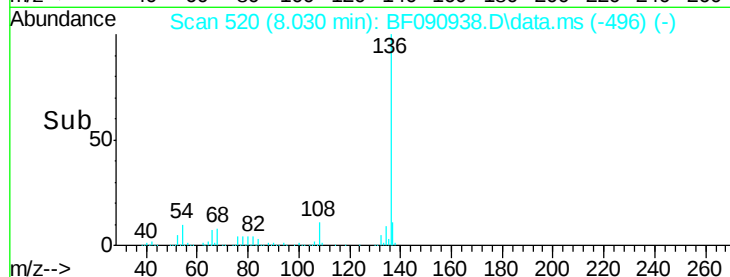
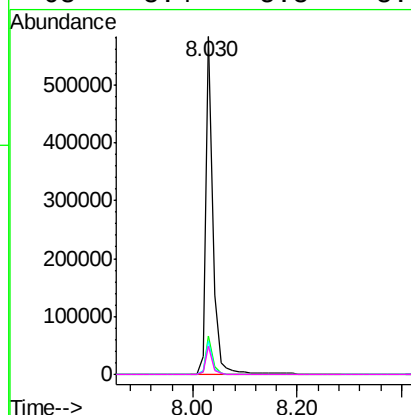
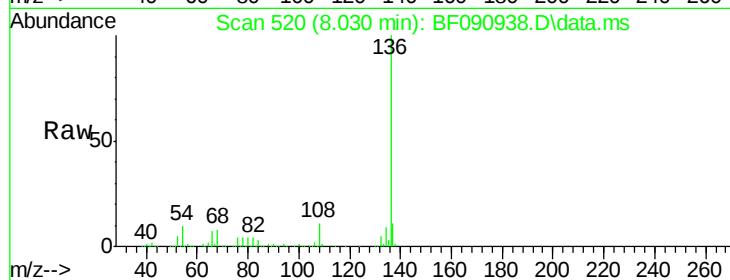
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.9 8.2 12.2

68 8.4 5.8 8.6



#23

Nitrobenzene-d5

Concen: 100.19 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.023 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

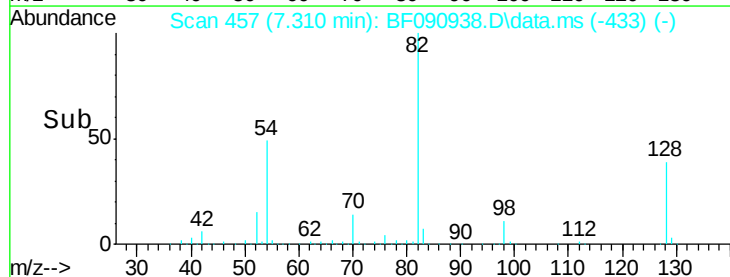
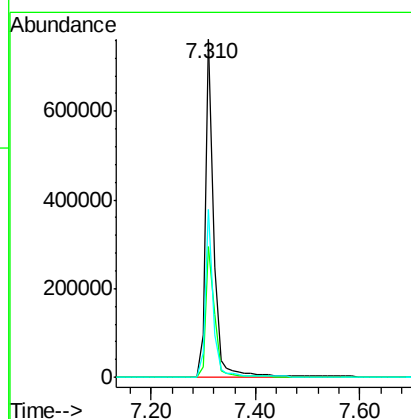
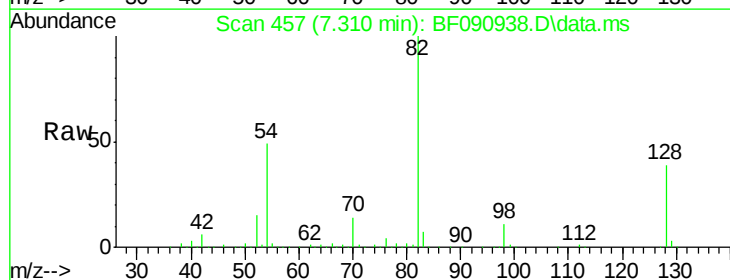
Tgt Ion: 82 Resp: 865637

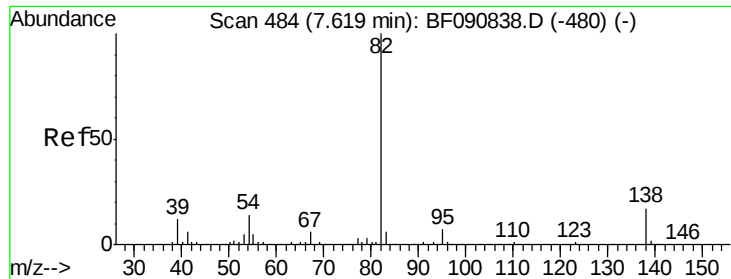
Ion Ratio Lower Upper

82 100

128 38.6 51.0 76.6#

54 49.5 47.5 71.3





#25

Isophorone

Concen: 44.29 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.286 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

Instrument :

BNA_F

ClientSampleId :

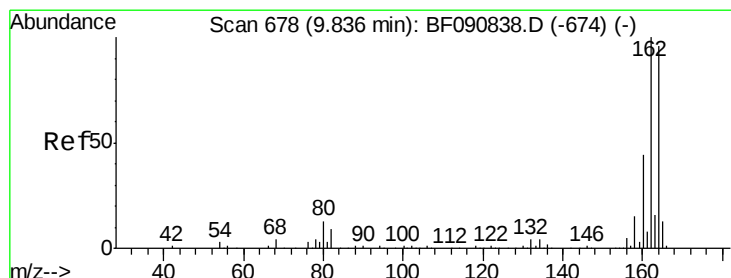
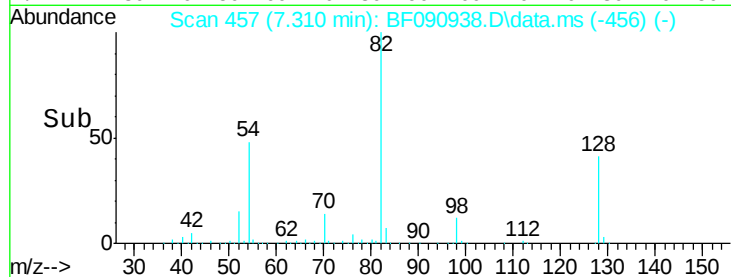
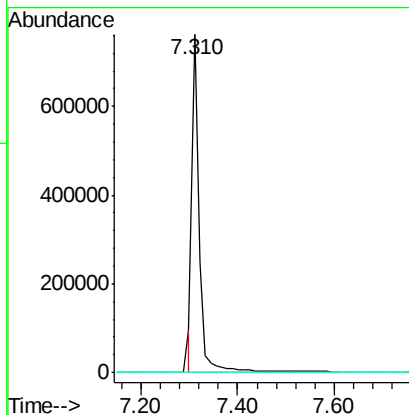
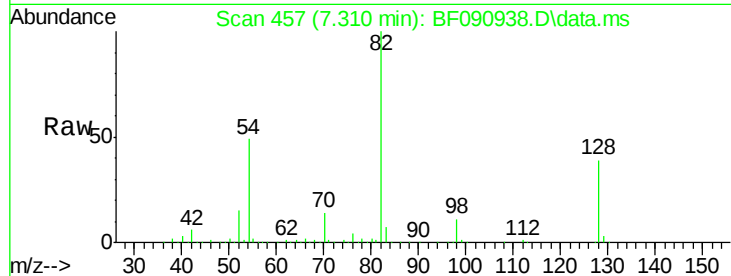
Tot Ion: 82 Resp: 776600

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.779 min Scan# 673

Delta R.T. -0.034 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

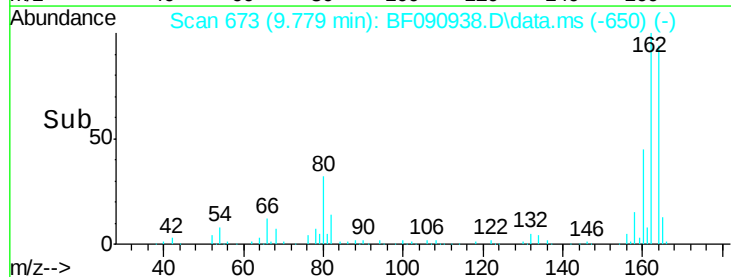
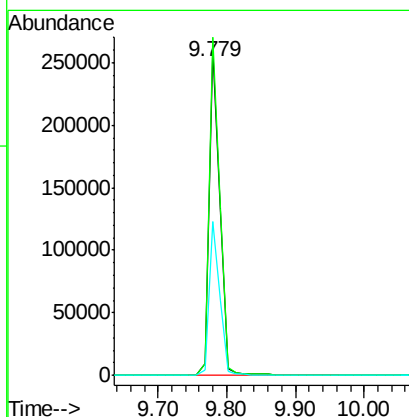
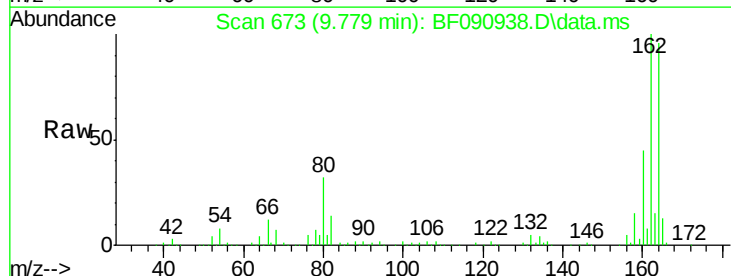
Tgt Ion: 164 Resp: 283979

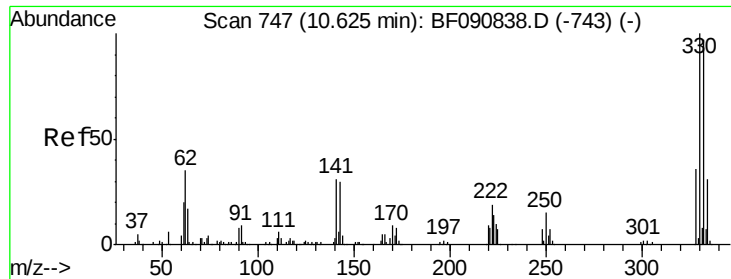
Ion Ratio Lower Upper

164 100

162 104.0 75.2 112.8

160 47.3 31.5 47.3

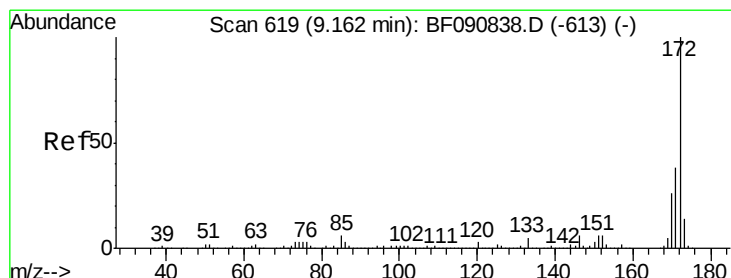
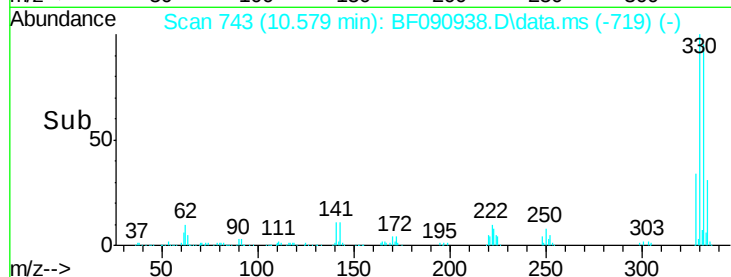
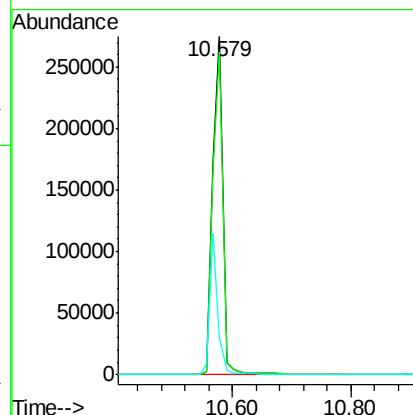
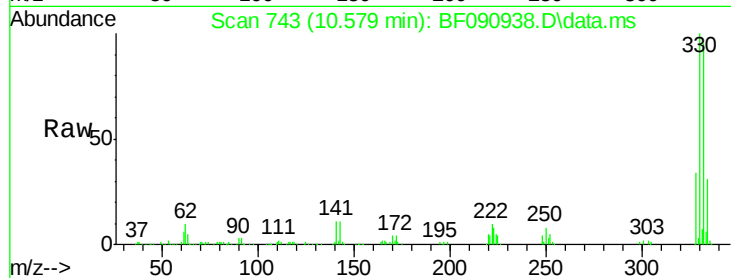




#41
 2,4,6-Tribromophenol
 Concen: 111.50 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF090938.D
 Acq: 31 Oct 2016 19:49

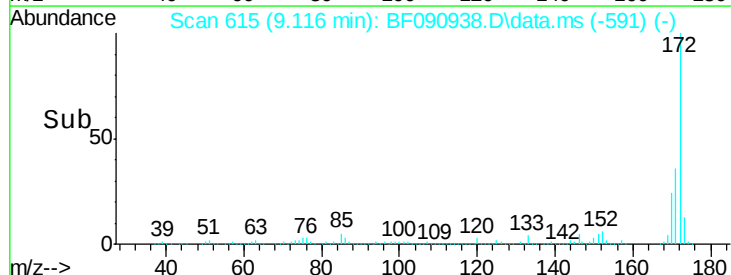
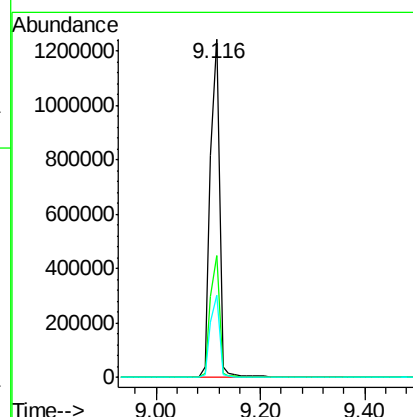
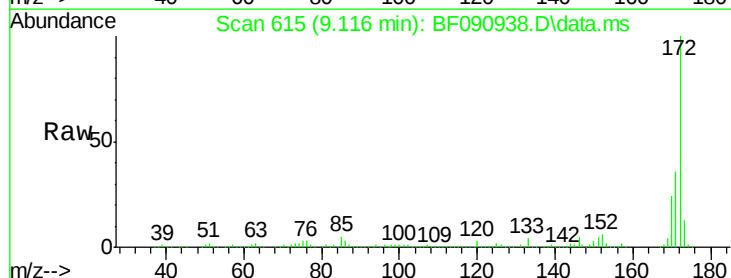
Instrument :
 BNA_F
 ClientSampled :

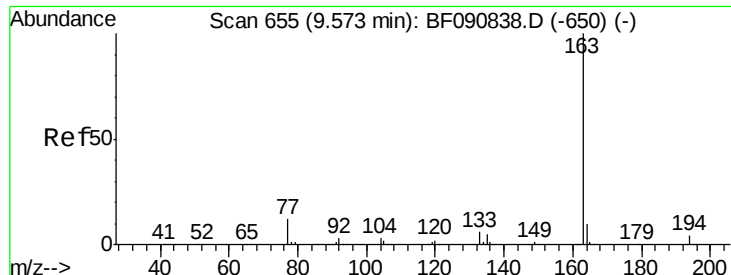
Tot Ion:330 Resp: 325405
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 93.29 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: BF090938.D
 Acq: 31 Oct 2016 19:49

Tgt Ion:172 Resp: 1508706
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.4 17.4 26.2

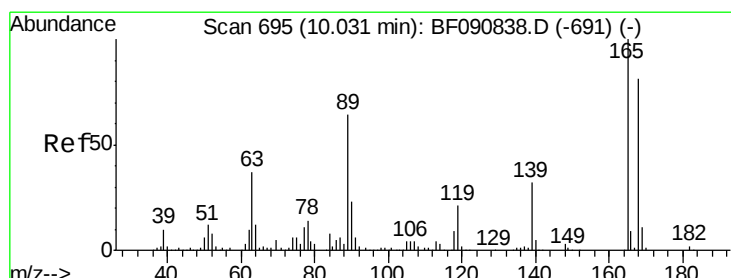
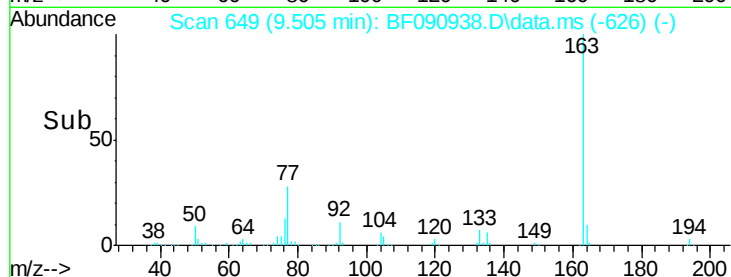
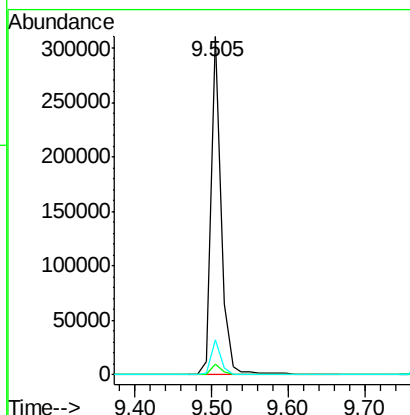
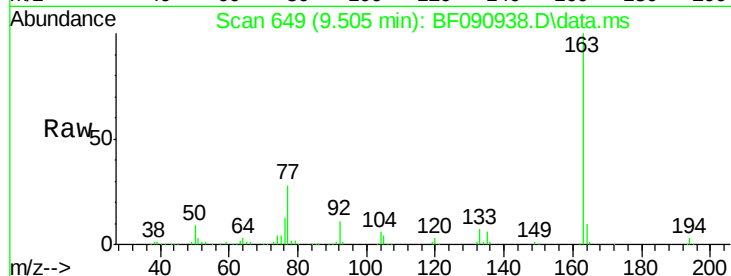




#49
Dimethylphthalate
Concen: 14.68 ng
RT: 9.505 min Scan# 64
Delta R.T. -0.034 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

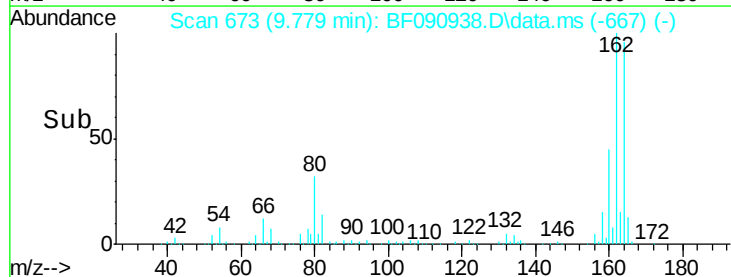
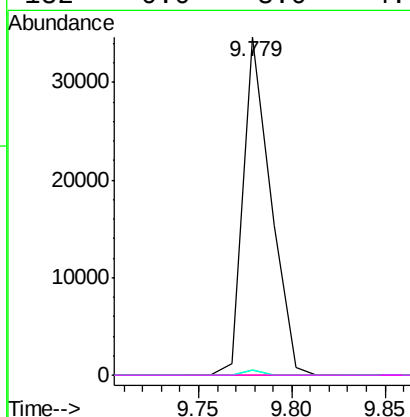
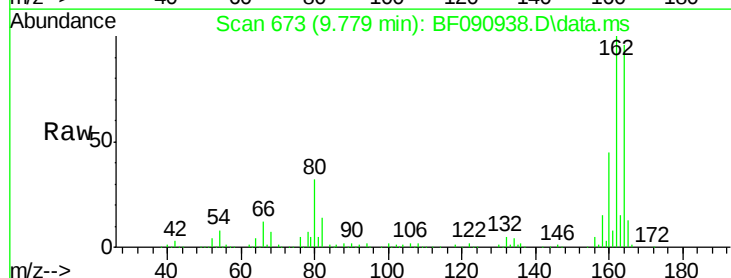
Instrument :
BNA_F
ClientSampleId :

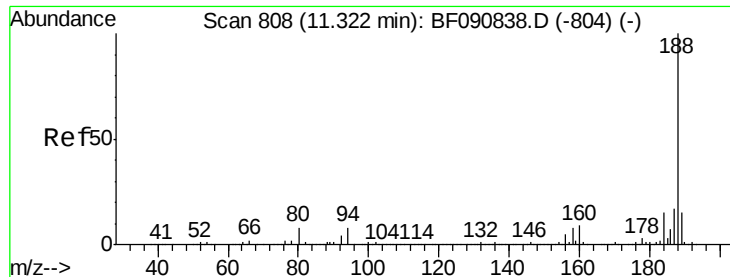
Tot Ion:163 Resp: 278469
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.779 min Scan# 673
Delta R.T. -0.228 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

Tgt Ion:165 Resp: 35737
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.6#
89 1.5 44.5 66.7#
182 0.0 3.0 4.4#

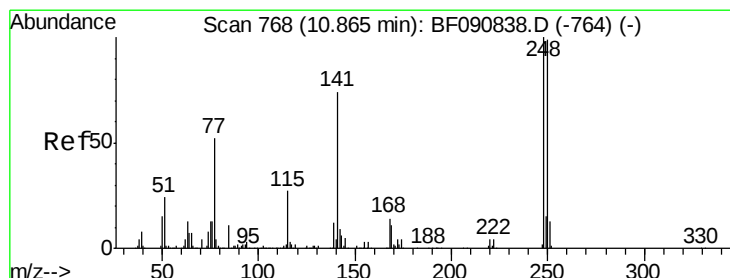
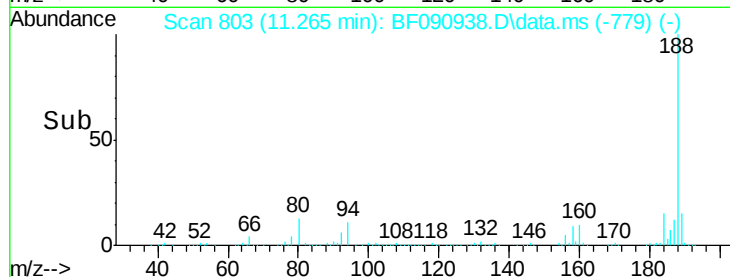
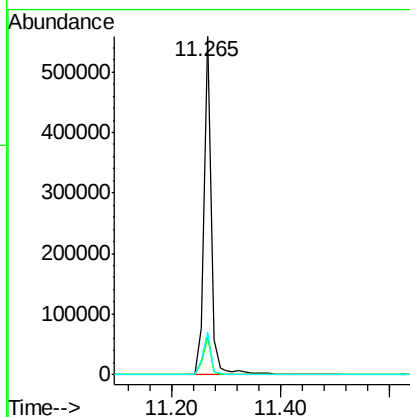
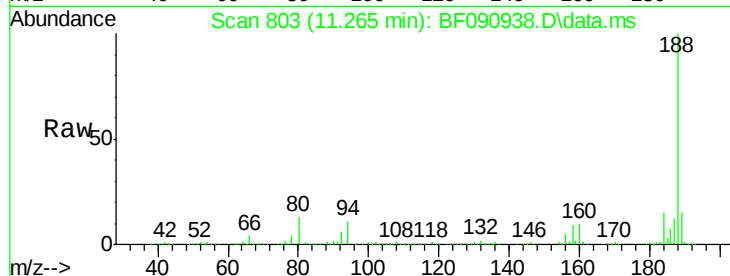




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

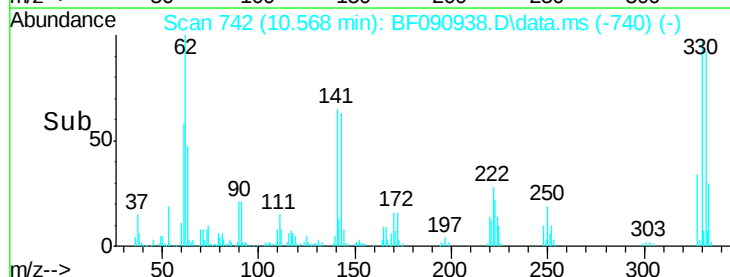
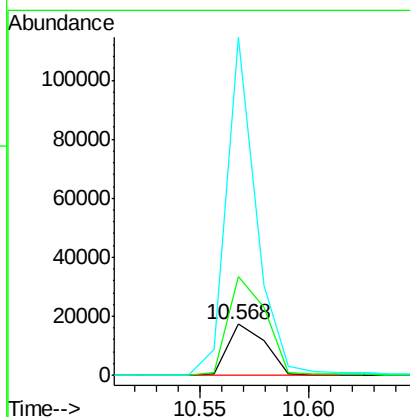
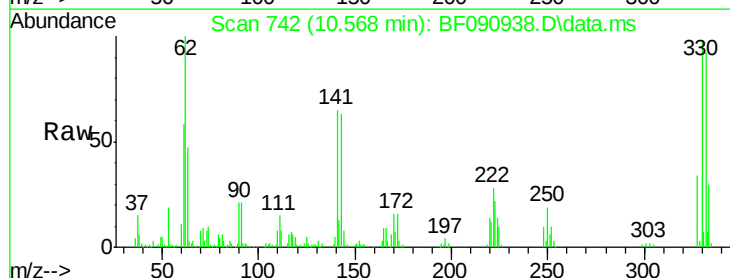
Instrument :
BNA_F
ClientSampleId :

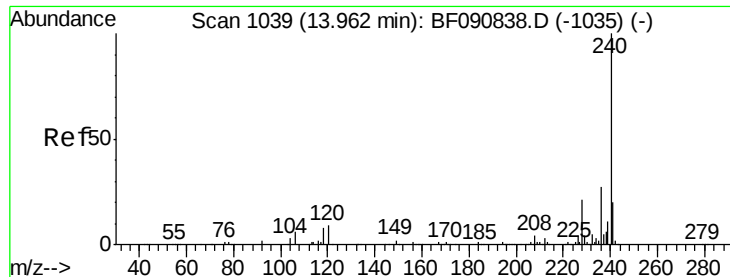
Tot Ion:188 Resp: 506445
Ion Ratio Lower Upper
188 100
94 11.1 11.1 16.7#
80 12.6 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.568 min Scan# 742
Delta R.T. -0.274 min
Lab File: BF090938.D
Acq: 31 Oct 2016 19:49

Tgt Ion:248 Resp: 20569
Ion Ratio Lower Upper
248 100
250 192.3 78.5 117.7#
141 662.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 1039

Delta R.T. -0.034 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

Instrument :

BNA_F

ClientSampled :

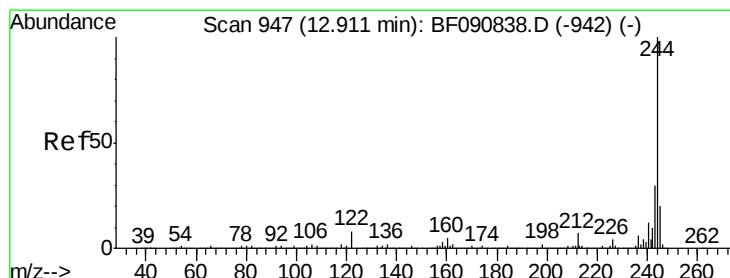
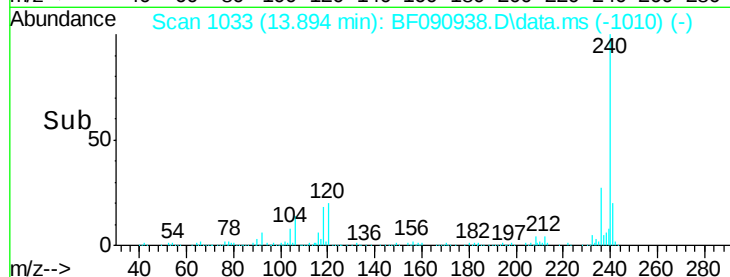
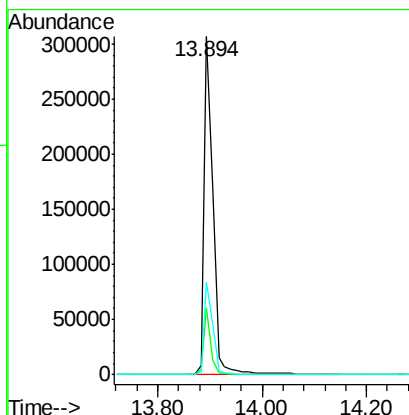
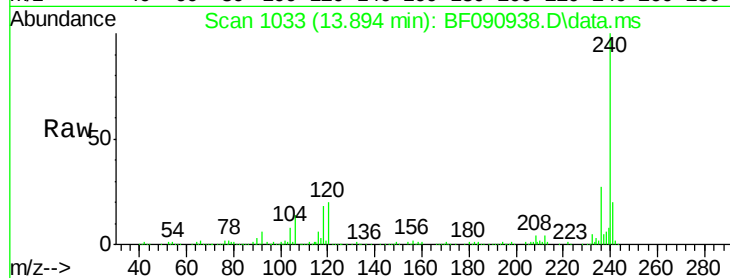
Tot Ion:240 Resp: 363473

Ion Ratio Lower Upper

240 100

120 19.9 16.2 24.2

236 27.4 18.4 27.6



#78

Terphenyl-d14

Concen: 101.13 ng

RT: 12.854 min Scan# 942

Delta R.T. -0.023 min

Lab File: BF090938.D

Acq: 31 Oct 2016 19:49

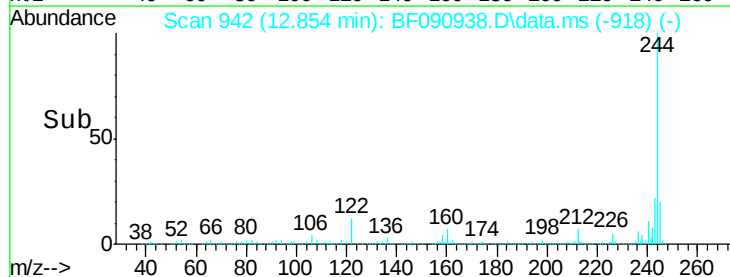
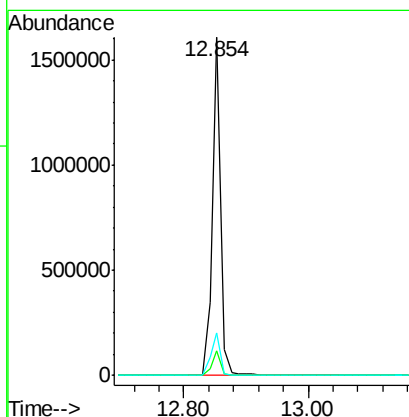
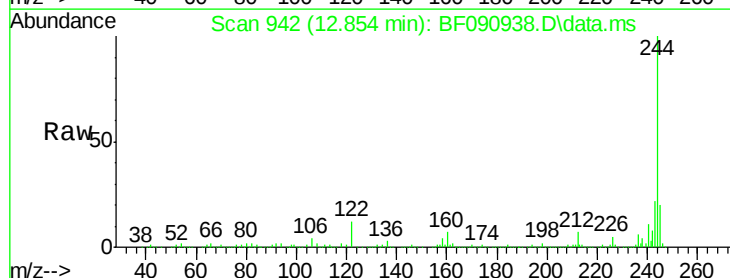
Tgt Ion:244 Resp: 1458966

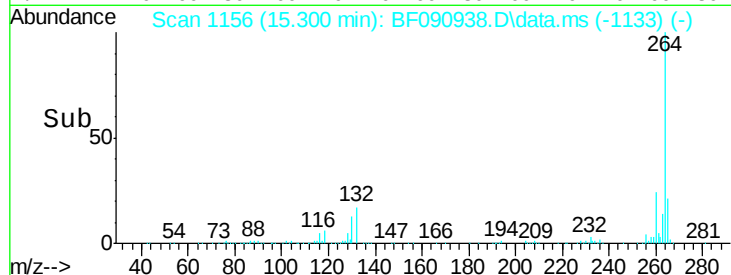
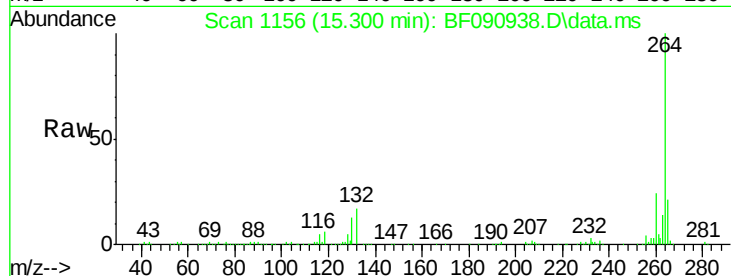
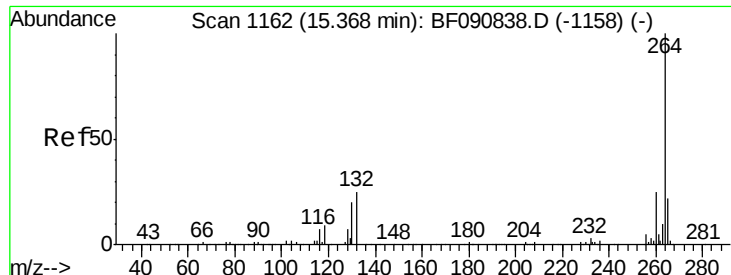
Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

122 12.5 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: BF090938.D
Acq: 31 Oct 2016 19:49

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.2	17.2	25.8

Instrument :
BNA_F
ClientSampleId :

