

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090933.D
 Acq On : 31 Oct 2016 17:32
 Operator : UM/SJ
 Sample : H5463-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:35:38 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

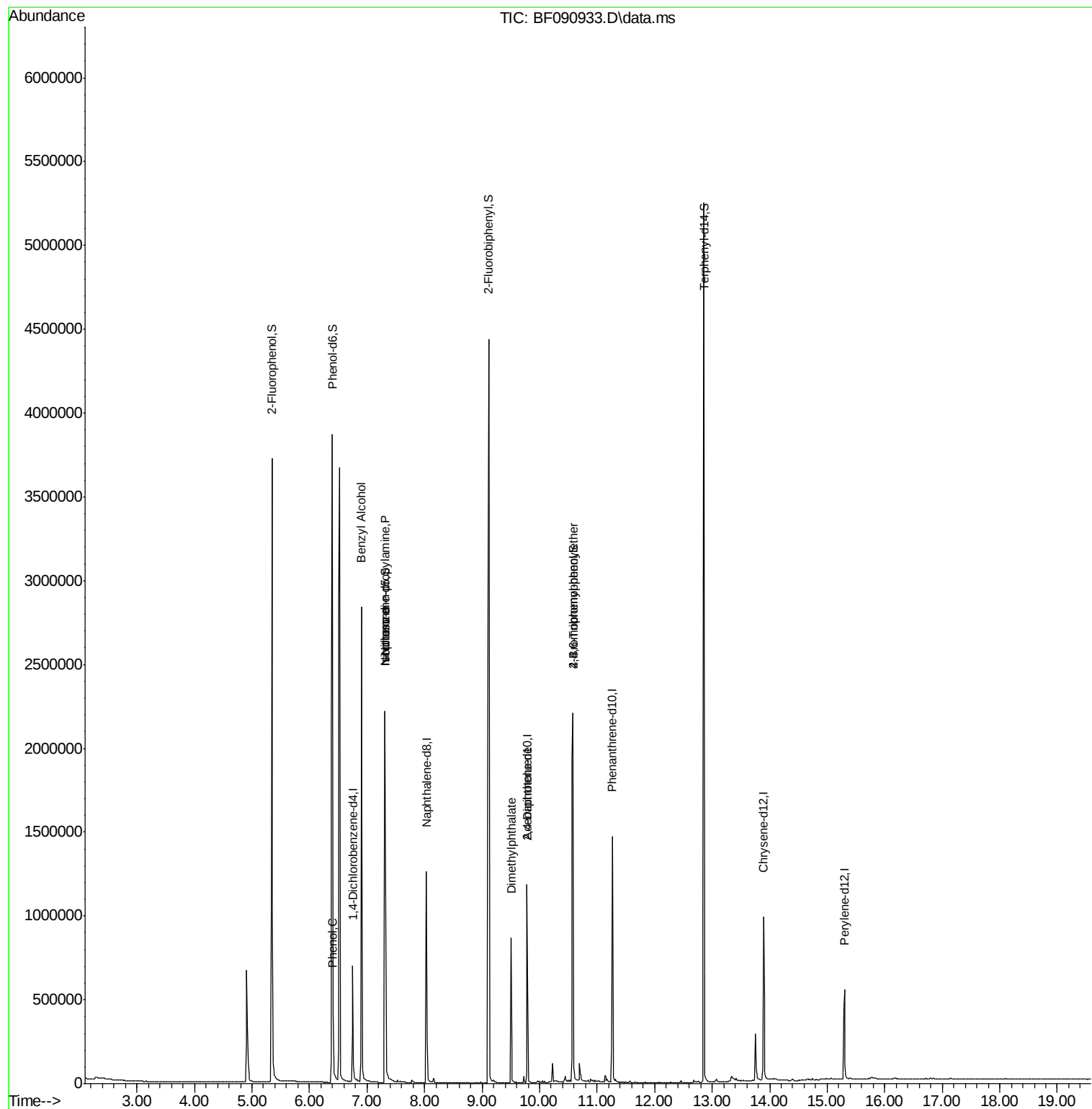
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	131625	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	572227	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	281985	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	506770	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	377918	20.00	ng	-0.03
86) Perylene-d12	15.300	264	307284	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1219758	162.02	ng	-0.01
7) Phenol-d6	6.396	99	1668983	164.33	ng	-0.02
23) Nitrobenzene-d5	7.310	82	1003021	114.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	431633	148.95	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1795794	111.83	ng	-0.02
78) Terphenyl-d14	12.854	244	1619793	107.98	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	68577	6.13	ng	Qvalue 77
15) Benzyl Alcohol	6.899	79	17046	2.56	ng	# 33
19) n-Nitroso-di-n-propyla...	7.310	70	135800	23.13	ng	# 54
25) Isophorone	7.310	82	916564	51.67	ng	# 58
49) Dimethylphthalate	9.505	163	331328	17.59	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	36448	7.05	ng	# 33
66) 4-Bromophenyl-phenylether	10.579	248	27045	4.87	ng	# 1

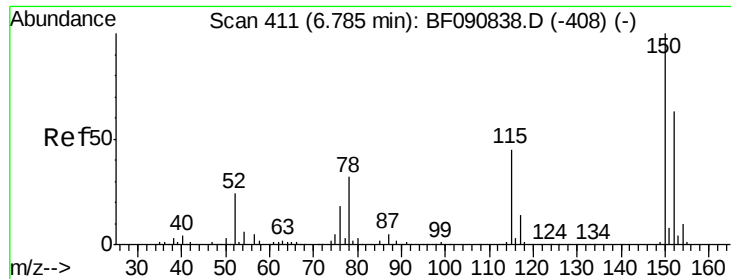
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

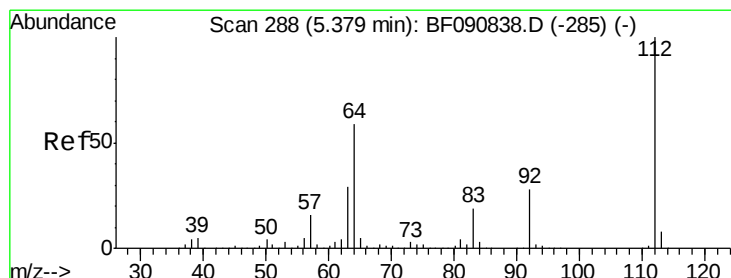
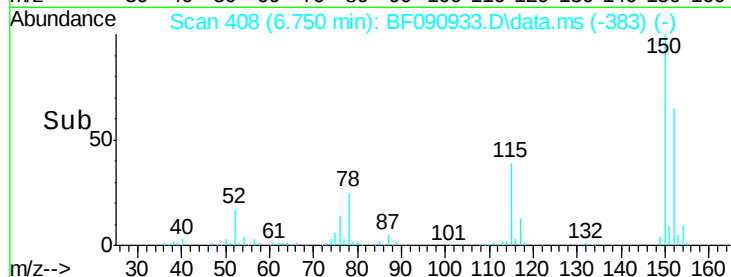
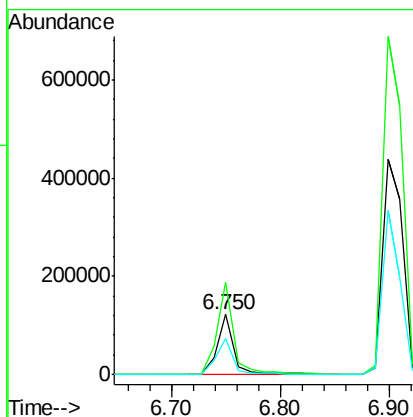
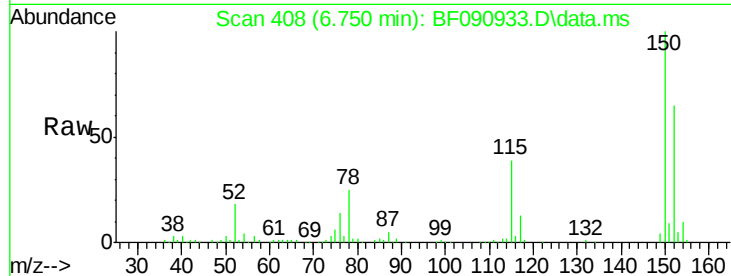
Tot Ion:152 Resp: 131625

Ion Ratio Lower Upper

152 100

150 153.4 124.7 187.1

115 59.4 39.0 58.4#



#5

2-Fluorophenol

Concen: 162.02 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

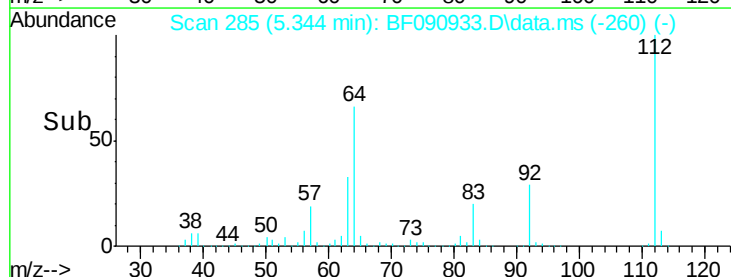
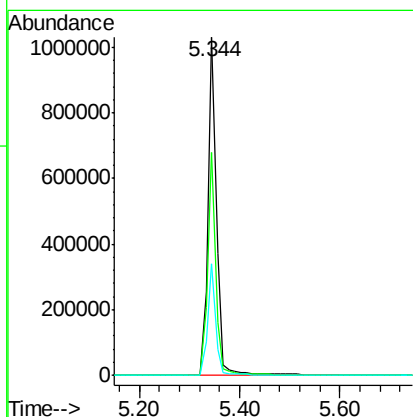
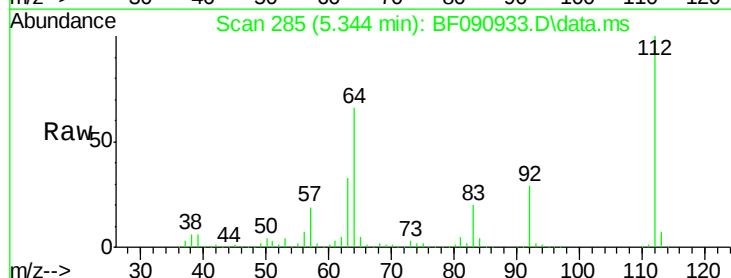
Tgt Ion:112 Resp: 1219758

Ion Ratio Lower Upper

112 100

64 66.0 39.7 59.5#

63 32.8 17.4 26.0#





#7

Phenol-d6

Concen: 164.33 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

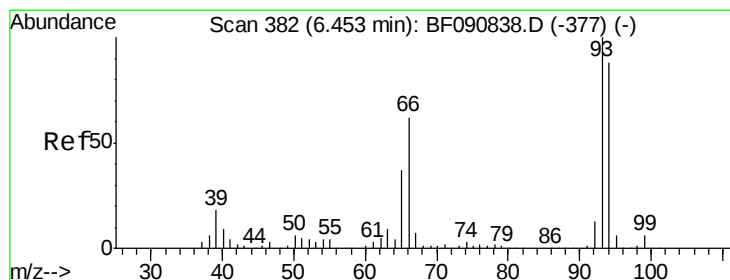
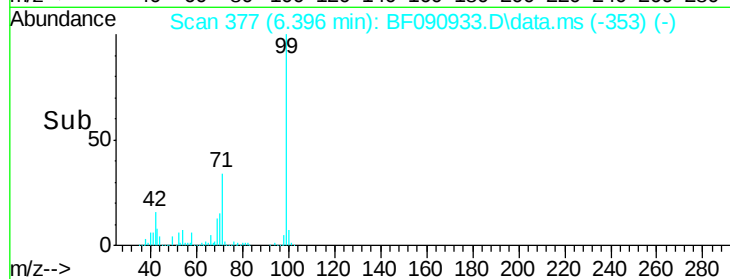
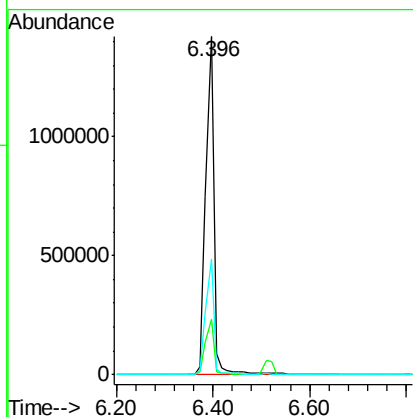
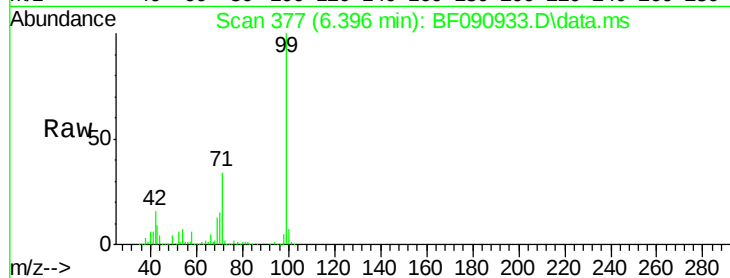
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1668983

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	34.0	14.2	21.2



#10

Phenol

Concen: 6.13 ng

RT: 6.407 min Scan# 378

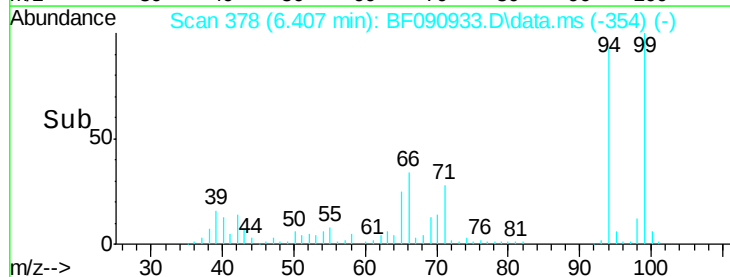
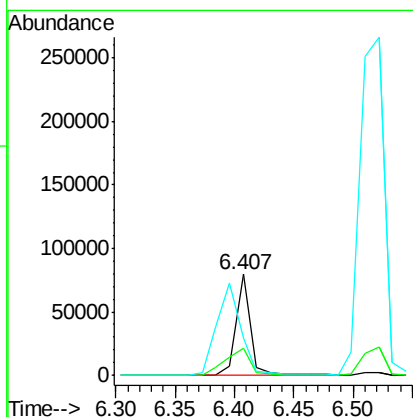
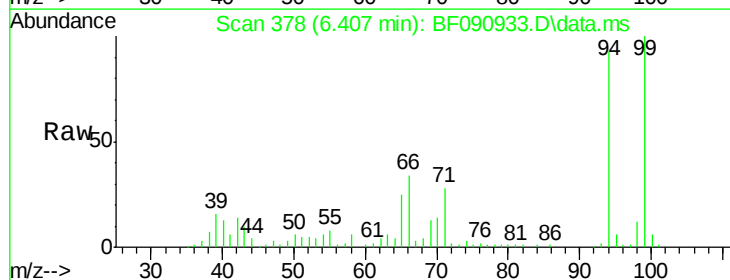
Delta R.T. -0.023 min

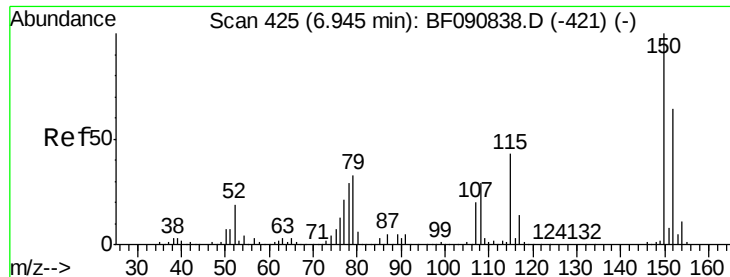
Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Tgt Ion: 94 Resp: 68577

Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.7	40.7
66	36.7	0.8	40.8

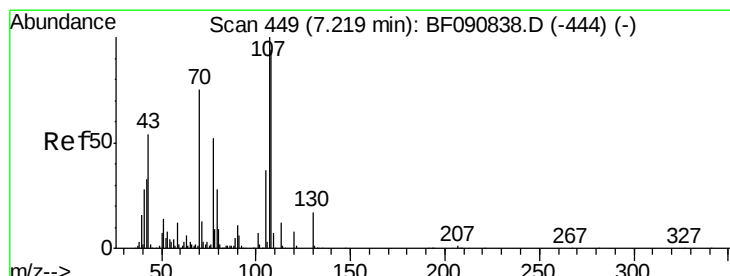
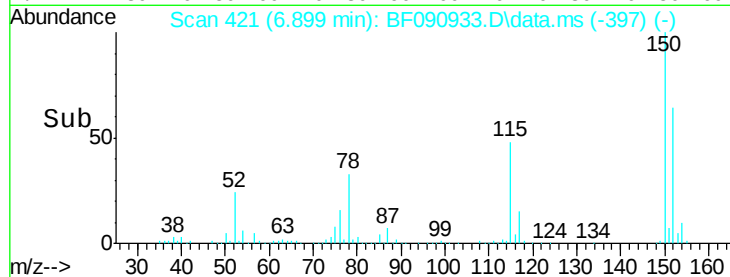
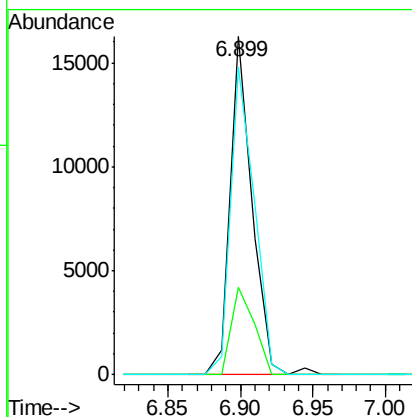
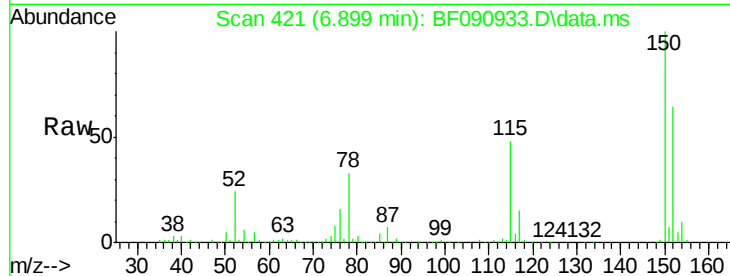




#15
Benzyl Alcohol
Concen: 2.56 ng
RT: 6.899 min Scan# 421
Delta R.T. -0.023 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

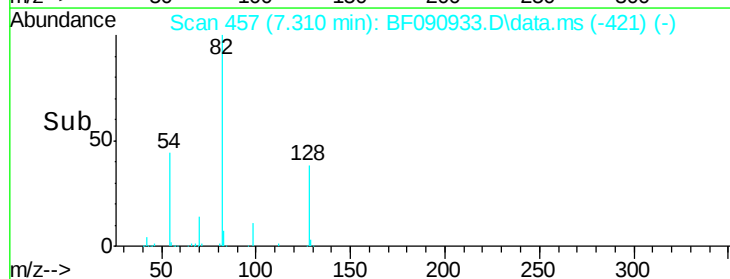
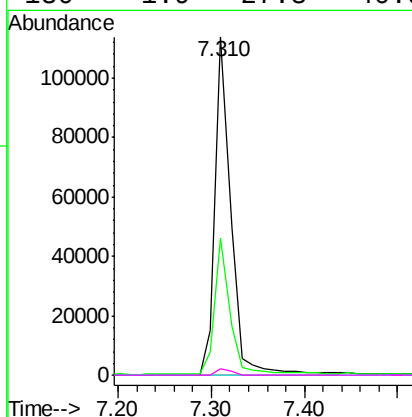
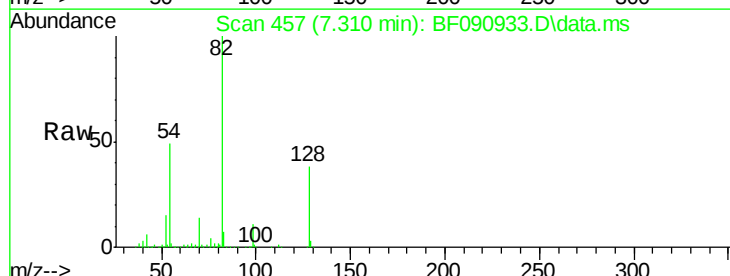
Instrument :
BNA_F
ClientSampleId :

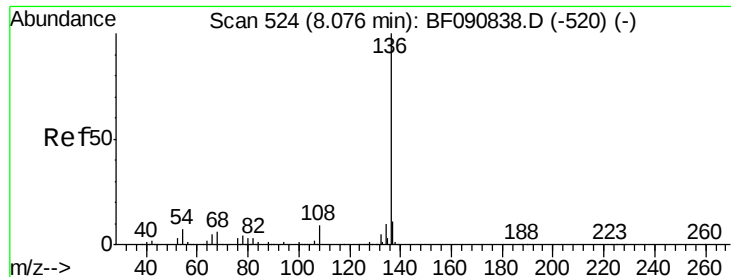
Tot Ion: 79 Resp: 17046
Ion Ratio Lower Upper
79 100
108 25.7 88.6 132.8#
77 90.9 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 23.13 ng
RT: 7.310 min Scan# 457
Delta R.T. 0.114 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

Tgt Ion: 70 Resp: 135800
Ion Ratio Lower Upper
70 100
42 40.4 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 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: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 572227

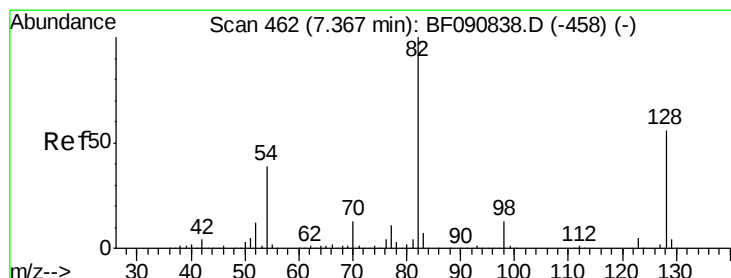
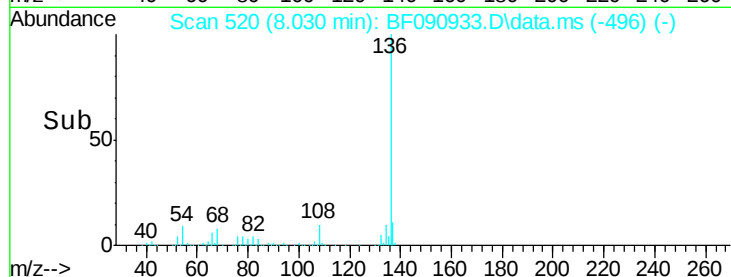
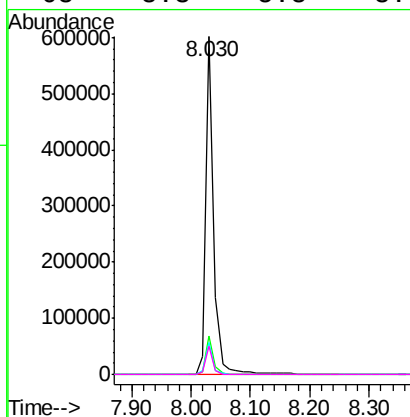
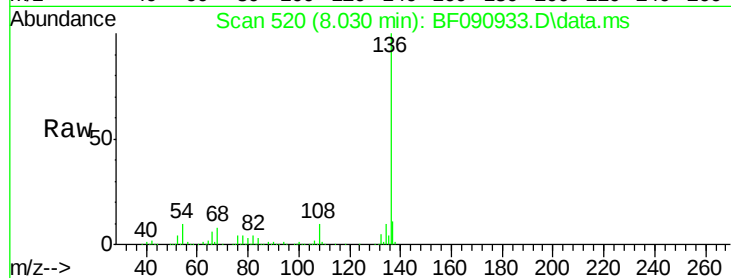
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.6 8.2 12.2

68 8.3 5.8 8.6



#23

Nitrobenzene-d5

Concen: 114.75 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.023 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

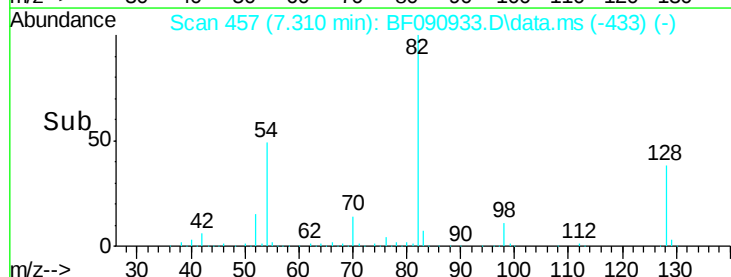
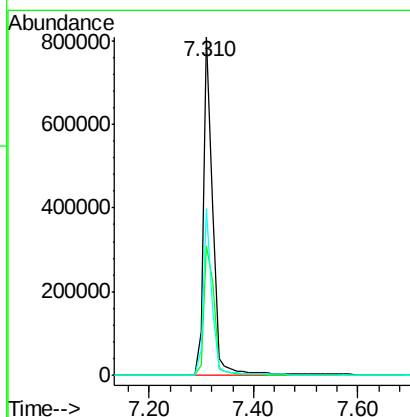
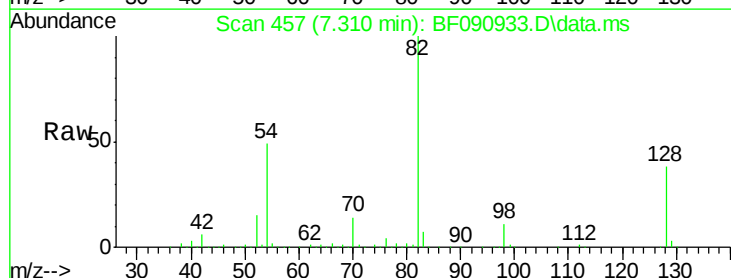
Tgt Ion: 82 Resp: 1003021

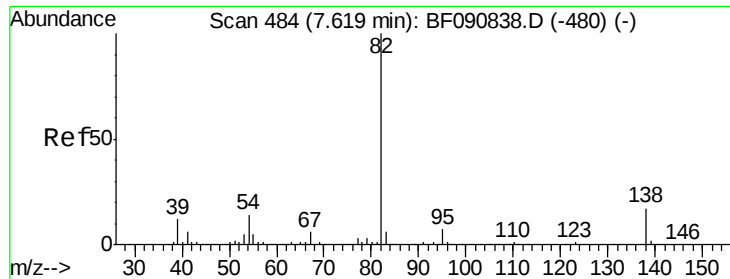
Ion Ratio Lower Upper

82 100

128 38.4 51.0 76.6#

54 49.1 47.5 71.3





#25

Isophorone

Concen: 51.67 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.286 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

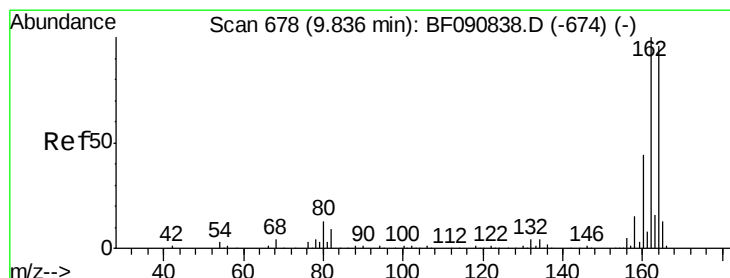
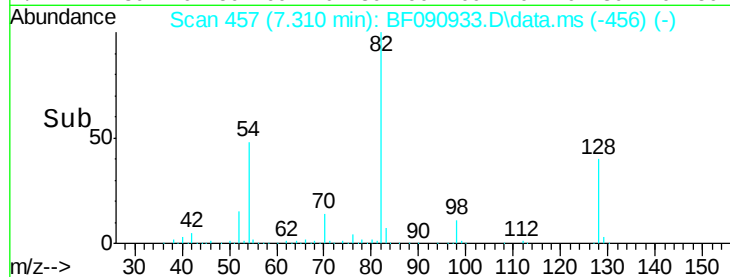
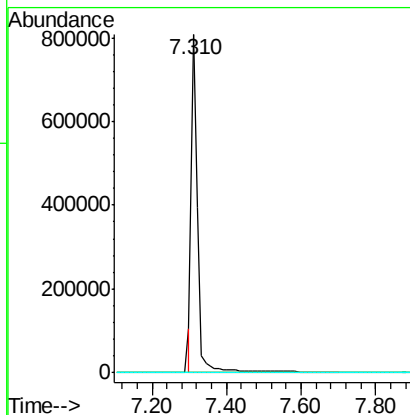
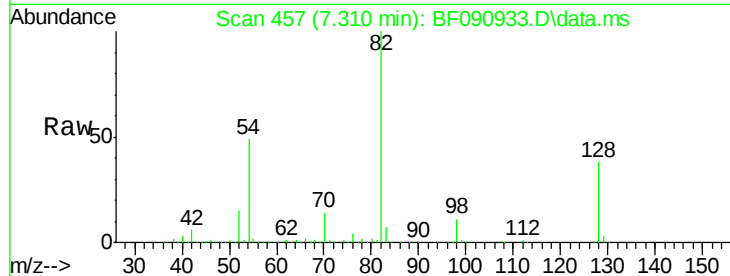
Tot Ion: 82 Resp: 916564

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: BF090933.D

Acq: 31 Oct 2016 17:32

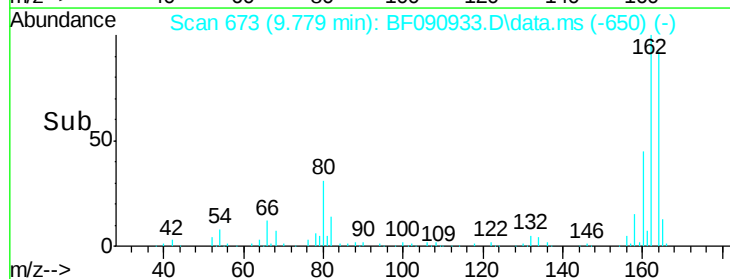
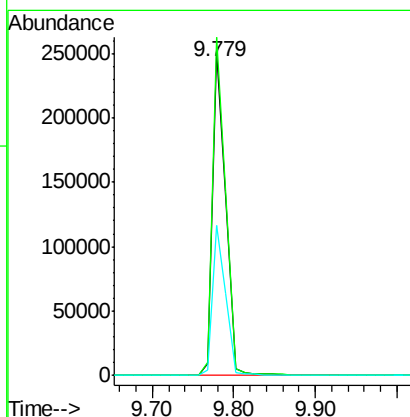
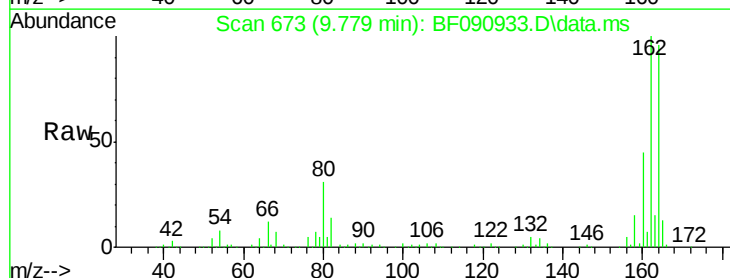
Tgt Ion: 164 Resp: 281985

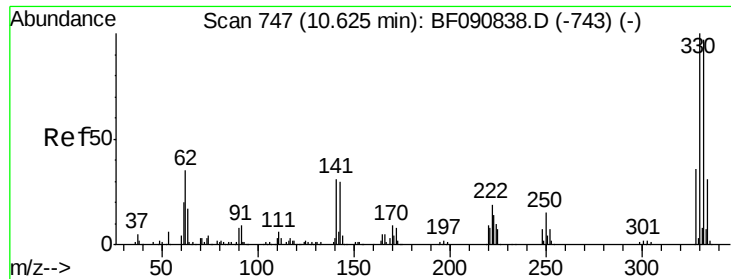
Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

160 46.6 31.5 47.3

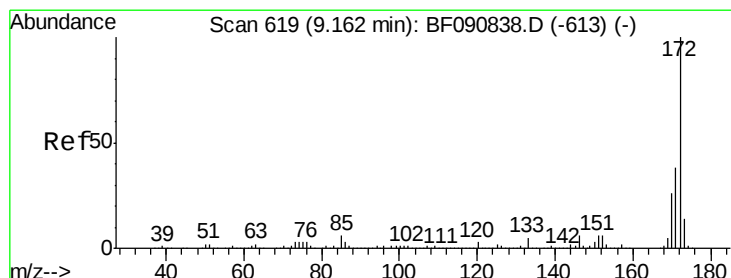
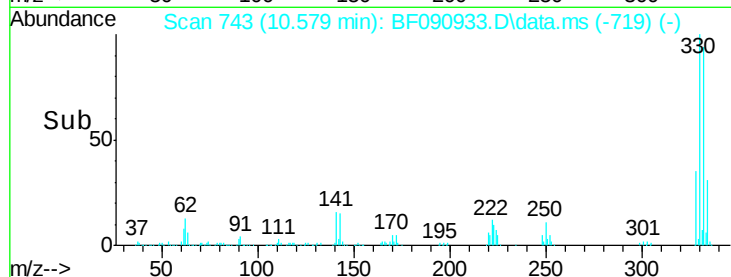
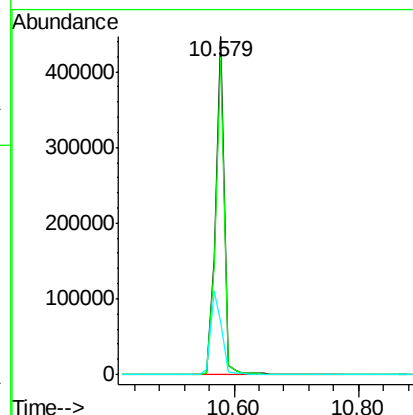
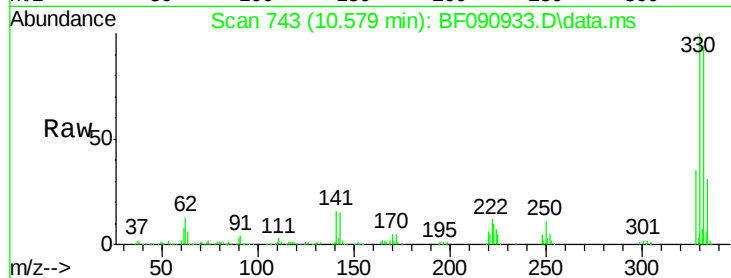




#41
 2,4,6-Tribromophenol
 Concen: 148.95 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

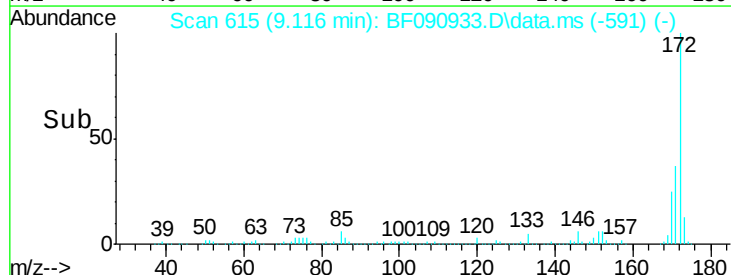
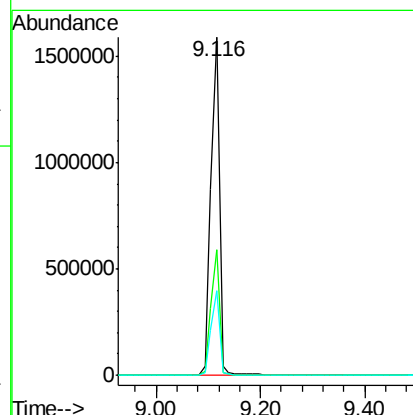
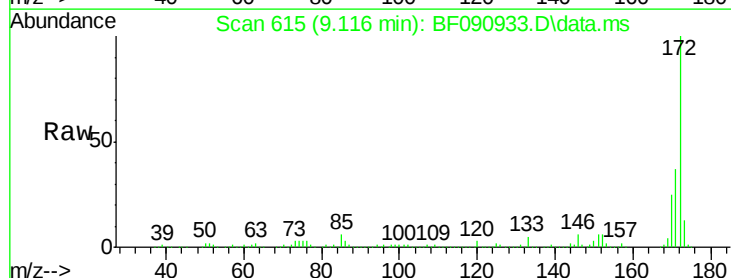
Instrument :
 BNA_F
 ClientSampleId :

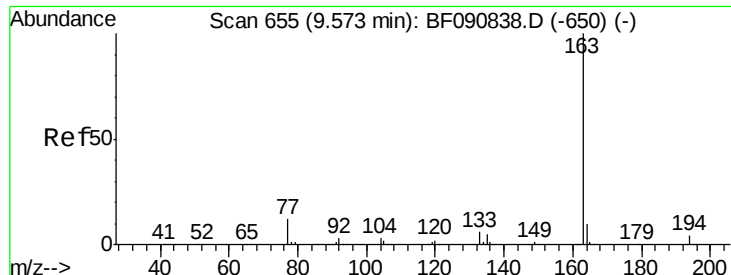
Tot Ion	330	Resp	431633
Ion Ratio	100	Lower	Upper
330	100	76.6	114.8
332	94.1	29.7	44.5
141	31.1		



#44
 2-Fluorobiphenyl
 Concen: 111.83 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

Tgt Ion	172	Resp	1795794
Ion Ratio	100	Lower	Upper
172	100	26.1	39.1
171	37.0	17.4	26.2
170	25.2		

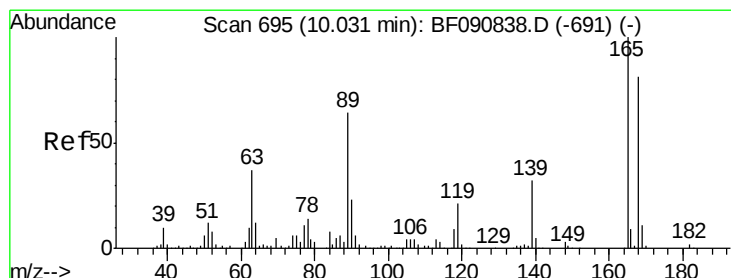
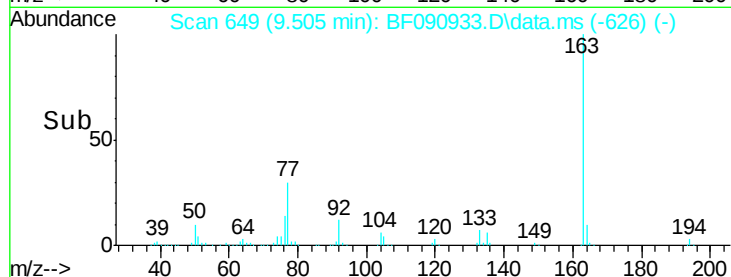
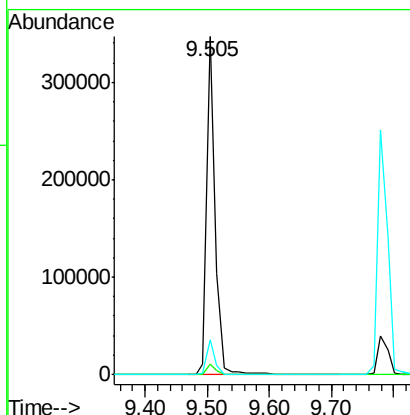
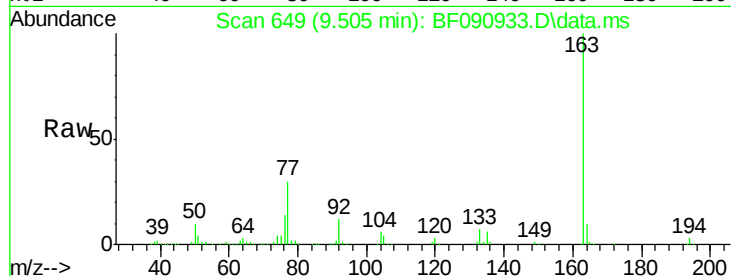




#49
Dimethylphthalate
Concen: 17.59 ng
RT: 9.505 min Scan# 64
Delta R.T. -0.034 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

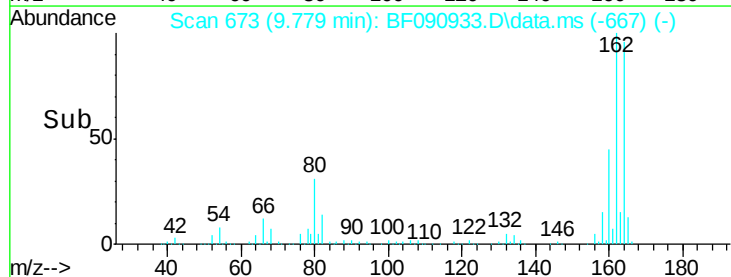
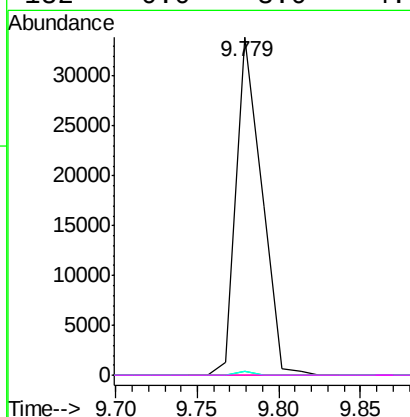
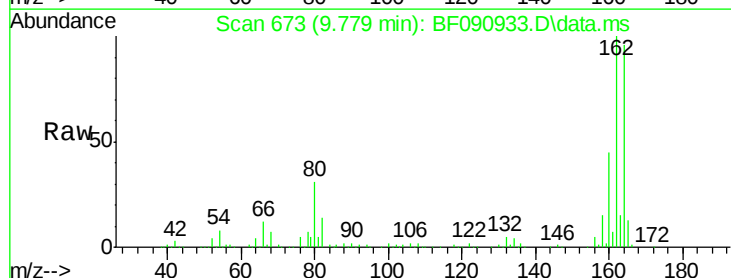
Instrument :
BNA_F
ClientSampleId :

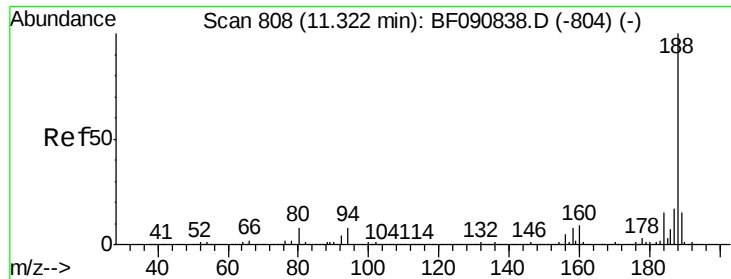
Tot Ion:163 Resp: 331328
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.3 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 7.05 ng
RT: 9.779 min Scan# 673
Delta R.T. -0.228 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

Tgt Ion:165 Resp: 36448
Ion Ratio Lower Upper
165 100
63 1.2 29.8 44.6#
89 1.2 44.5 66.7#
182 0.0 3.0 4.4#

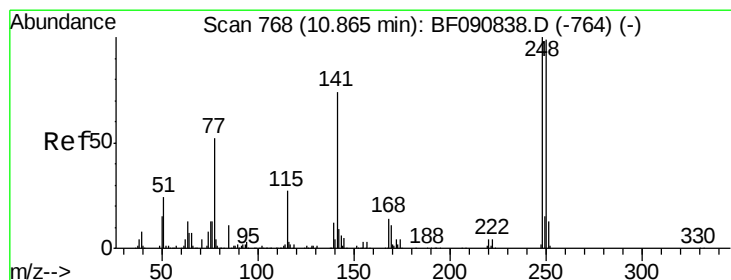
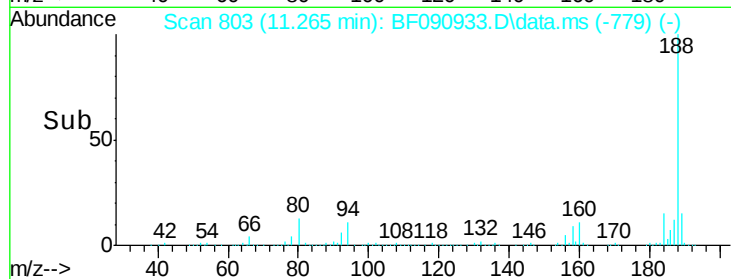
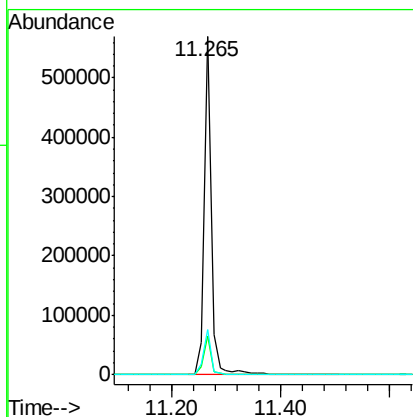
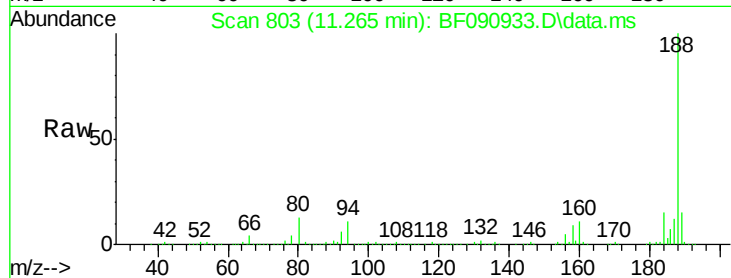




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

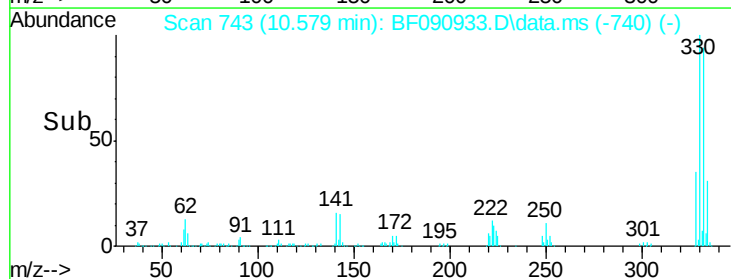
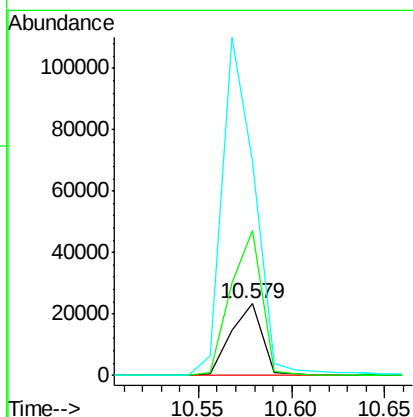
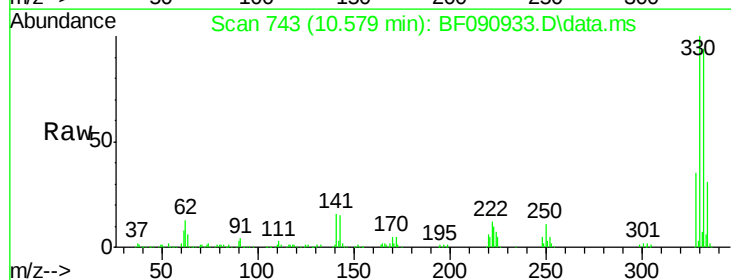
Instrument :
BNA_F
ClientSampleId :

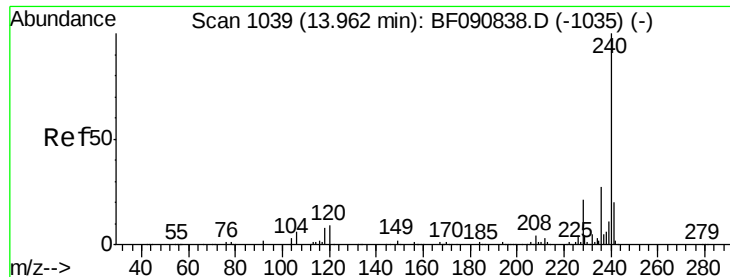
Tot Ion:188 Resp: 506770
Ion Ratio Lower Upper
188 100
94 11.3 11.1 16.7
80 13.2 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.579 min Scan# 743
Delta R.T. -0.263 min
Lab File: BF090933.D
Acq: 31 Oct 2016 17:32

Tgt Ion:248 Resp: 27045
Ion Ratio Lower Upper
248 100
250 203.2 78.5 117.7#
141 298.9 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

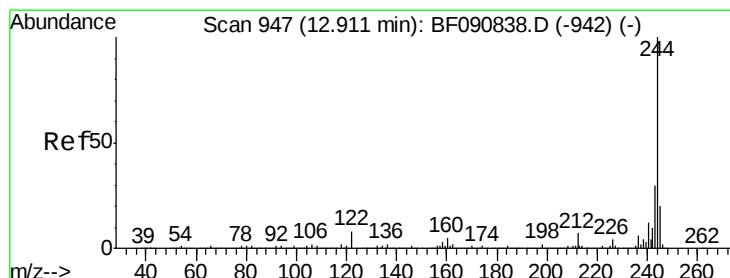
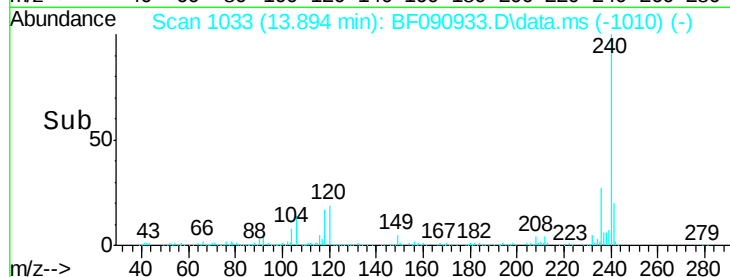
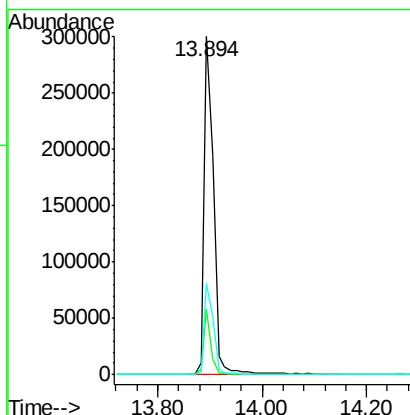
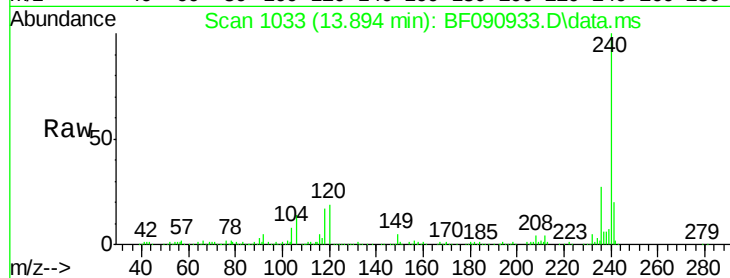
Tot Ion:240 Resp: 377918

Ion Ratio Lower Upper

240 100

120 19.3 16.2 24.2

236 27.1 18.4 27.6



#78

Terphenyl-d14

Concen: 107.98 ng

RT: 12.854 min Scan# 942

Delta R.T. -0.023 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

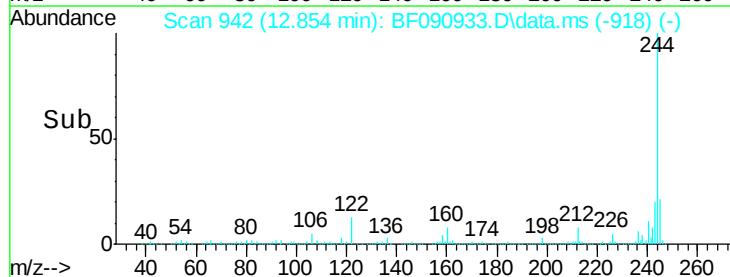
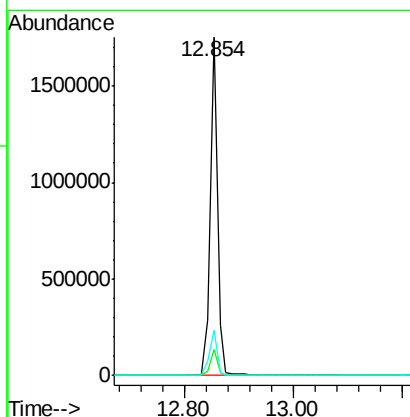
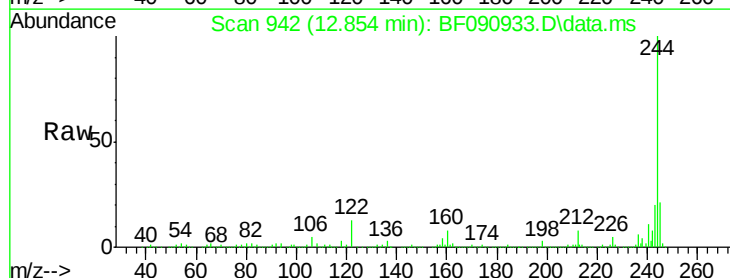
Tgt Ion:244 Resp: 1619793

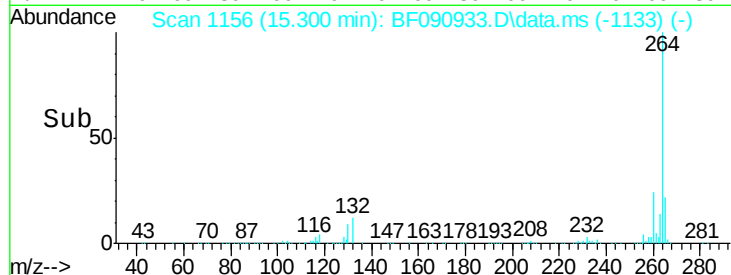
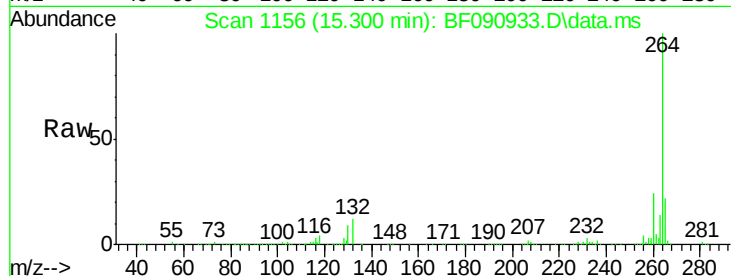
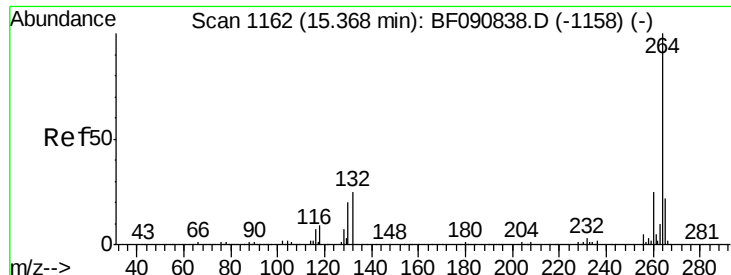
Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

122 13.2 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: BF090933.D
 Acq: 31 Oct 2016 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	307284
Ion Ratio	Lower	Upper	
264	100		
260	24.1	16.7	25.1
265	21.7	17.2	25.8

