

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090690.D
 Acq On : 20 Oct 2016 18:53
 Operator : UM/SJ
 Sample : H5343-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Quant Time: Oct 21 08:51:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

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

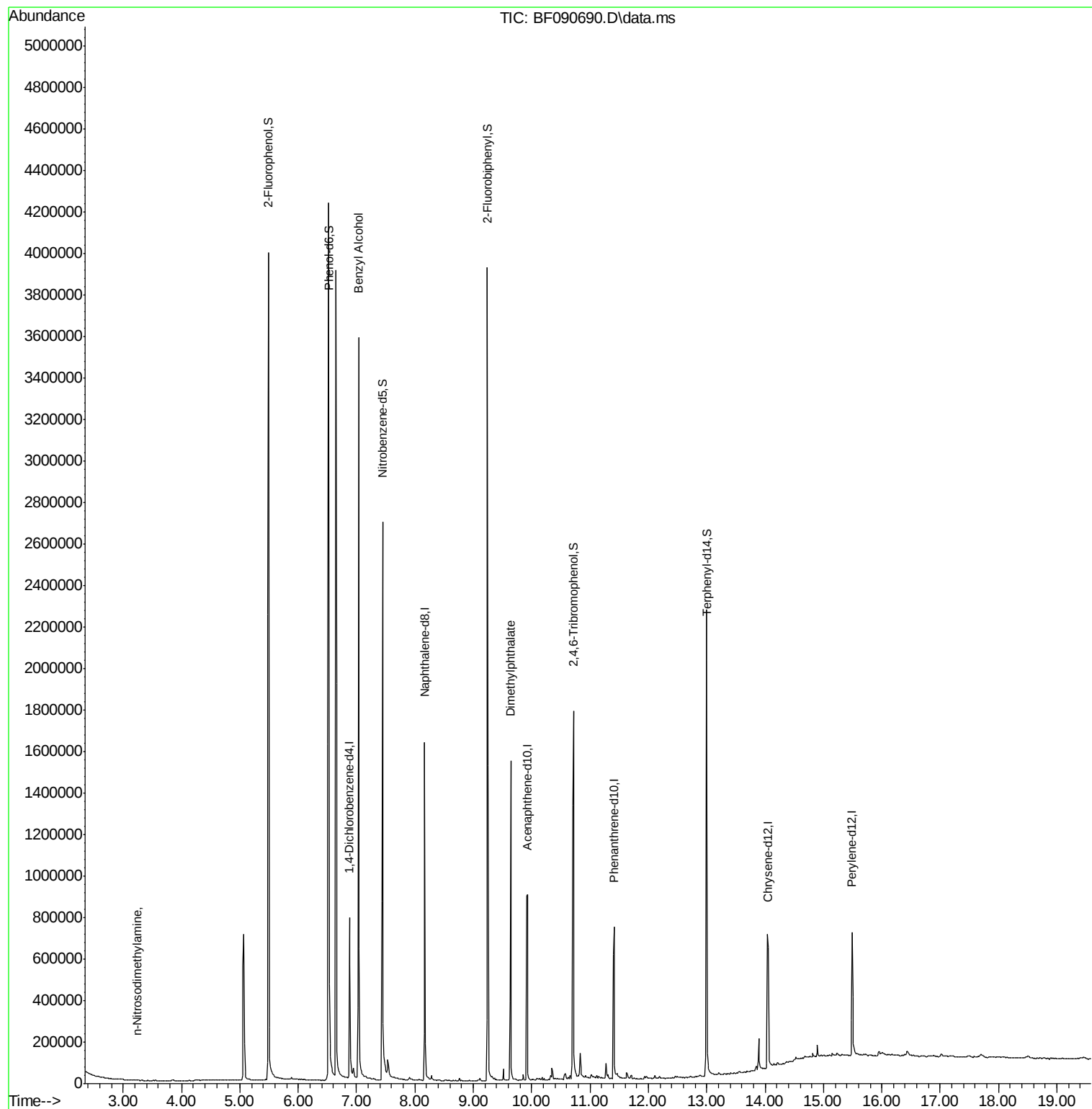
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.874	152	160612	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	702668	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	280512	20.00	ng	-0.03
63) Phenanthrene-d10	11.412	188	383282	20.00	ng	-0.03
75) Chrysene-d12	14.052	240	321403	20.00	ng	-0.03
86) Perylene-d12	15.492	264	261735	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	1315144	150.11	ng	-0.02
7) Phenol-d6	6.520	99	1640780	126.04	ng	-0.02
23) Nitrobenzene-d5	7.446	82	1065143	84.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	273185	109.24	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1319441	77.50	ng	-0.03
78) Terphenyl-d14	13.001	244	1007088	72.96	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.240	42	449	7.27	ng	Qvalue # 1
15) Benzyl Alcohol	7.034	79	18503	2.09	ng	# 48
49) Dimethylphthalate	9.640	163	600244	32.98	ng	98

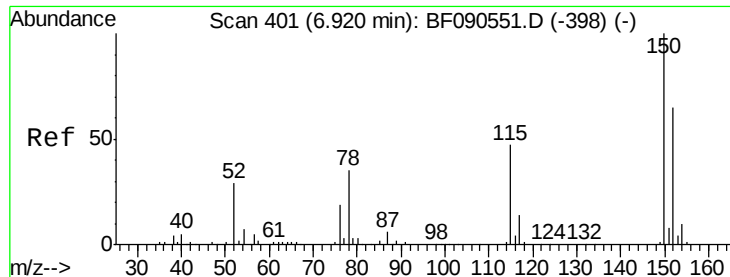
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.874 min Scan# 39

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

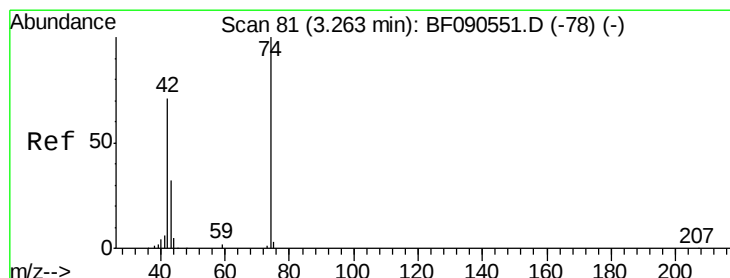
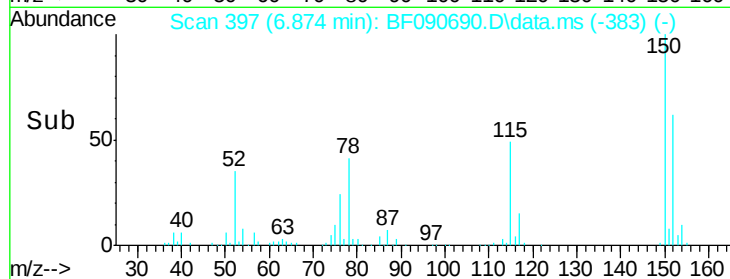
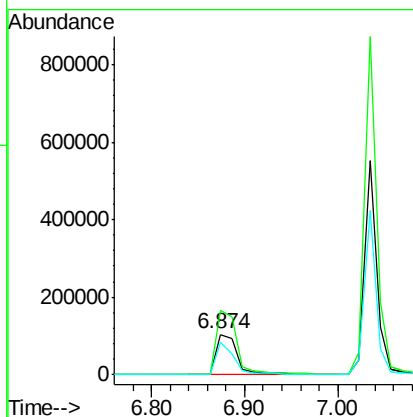
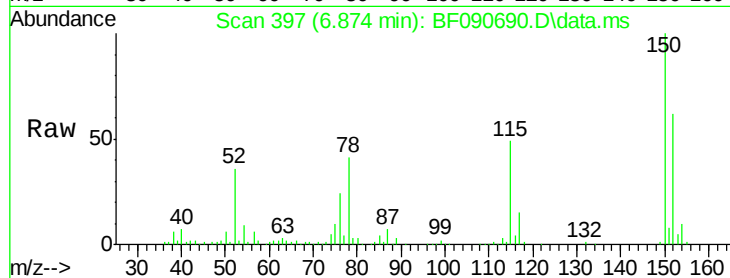
Tot Ion:152 Resp: 160612

Ion Ratio Lower Upper

152 100

150 161.2 127.2 190.8

115 79.7 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.27 ng

RT: 3.240 min Scan# 79

Delta R.T. 0.011 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

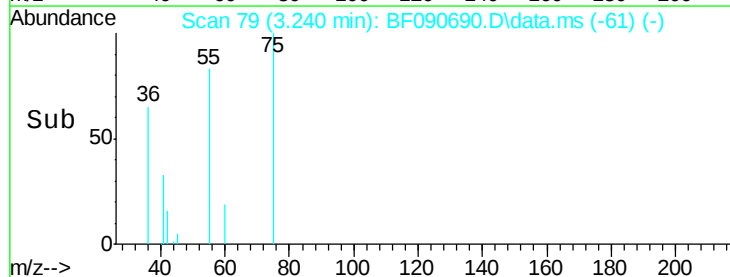
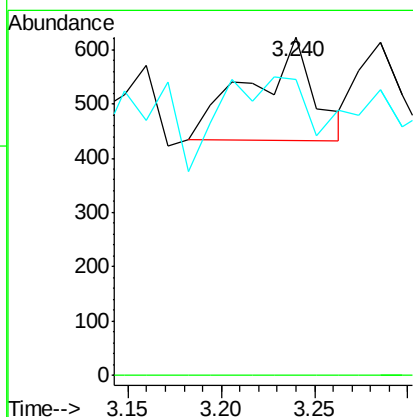
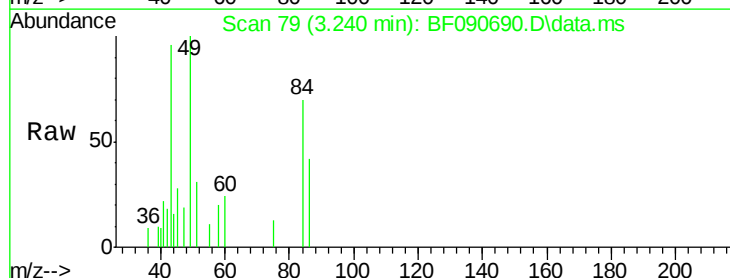
Tgt Ion: 42 Resp: 449

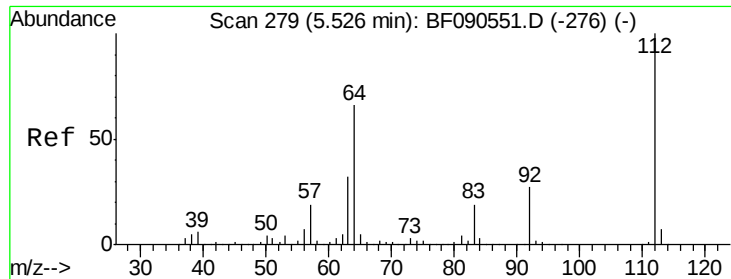
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 87.6 6.0 9.0#

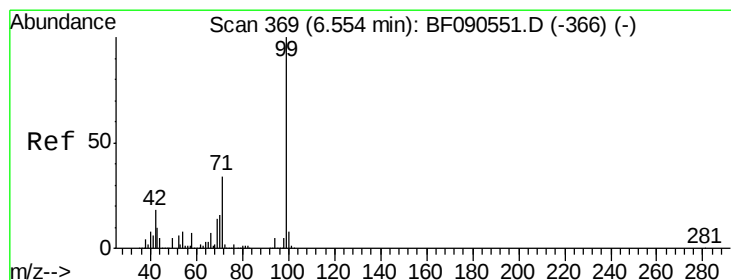
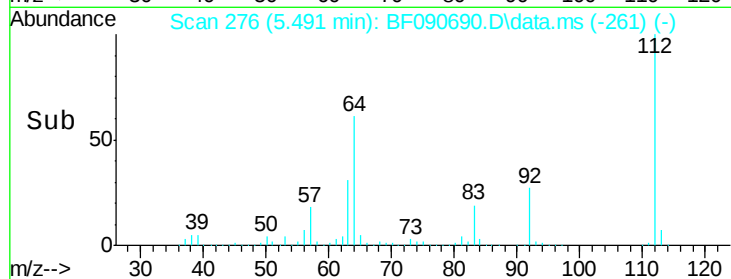
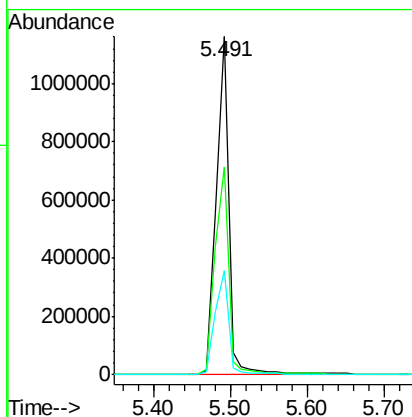
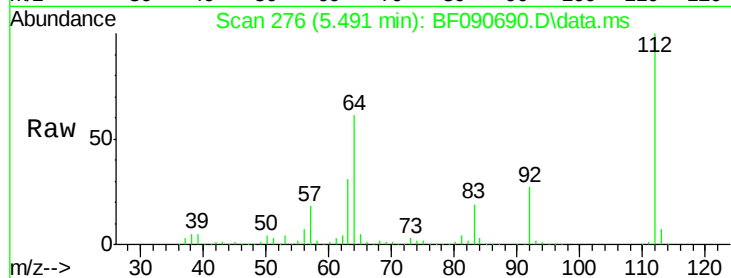




#5
 2-Fluorophenol
 Concen: 150.11 ng
 RT: 5.491 min Scan# 27
 Delta R.T. -0.023 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

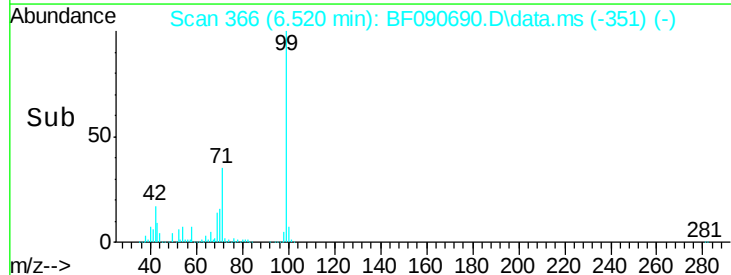
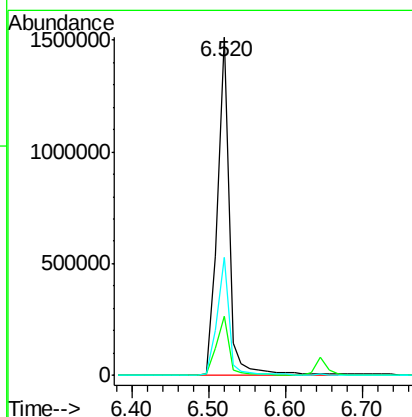
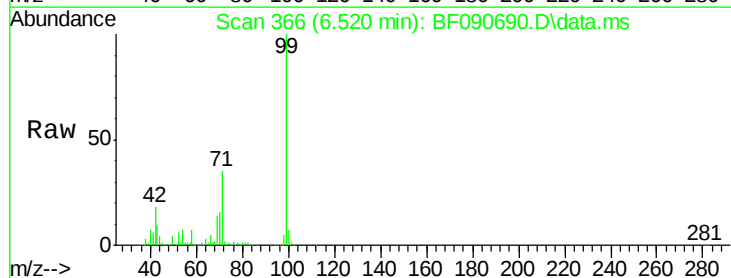
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

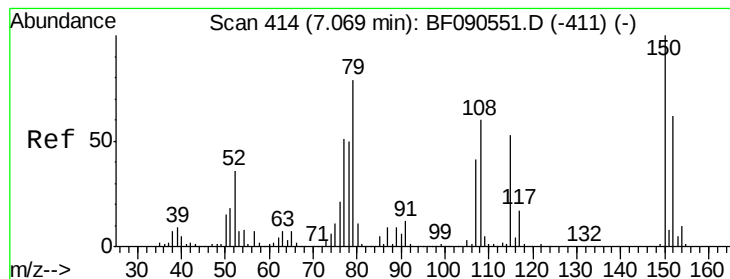
Tot Ion:112 Resp: 1315144
 Ion Ratio Lower Upper
 112 100
 64 61.5 52.6 78.8
 63 30.6 26.0 39.0



#7
 Phenol-d6
 Concen: 126.04 ng
 RT: 6.520 min Scan# 366
 Delta R.T. -0.023 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

Tgt Ion: 99 Resp: 1640780
 Ion Ratio Lower Upper
 99 100
 42 17.5 14.7 22.1
 71 34.8 27.6 41.4





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.034 min Scan# 41

Delta R.T. -0.023 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

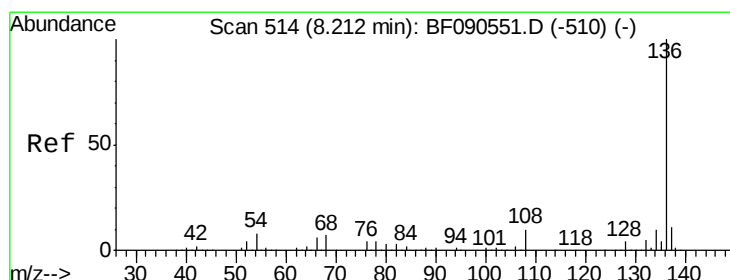
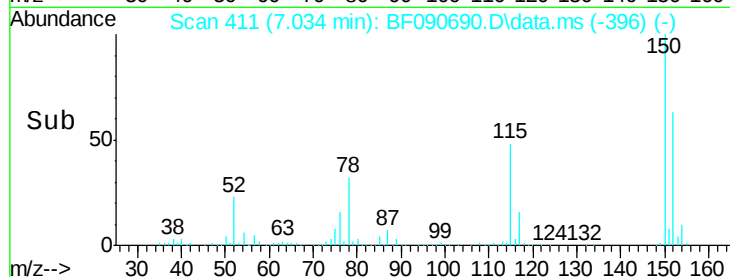
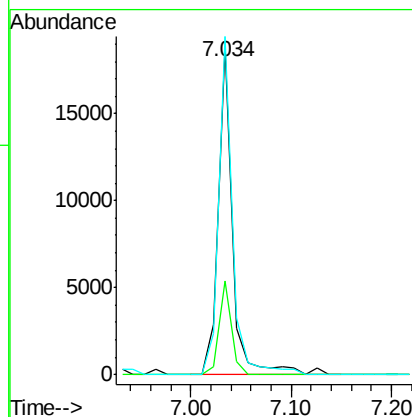
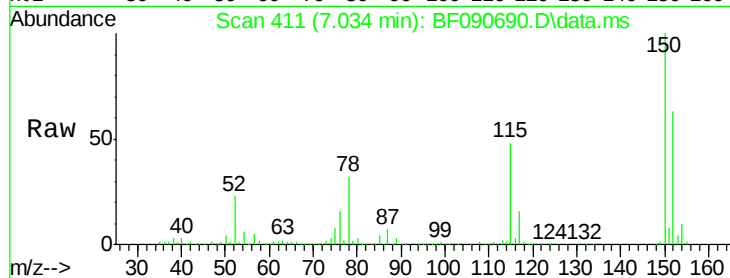
Tot Ion: 79 Resp: 18503

Ion Ratio Lower Upper

79 100

108 28.6 60.2 90.4#

77 103.1 52.0 78.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 510

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Tgt Ion: 136 Resp: 702668

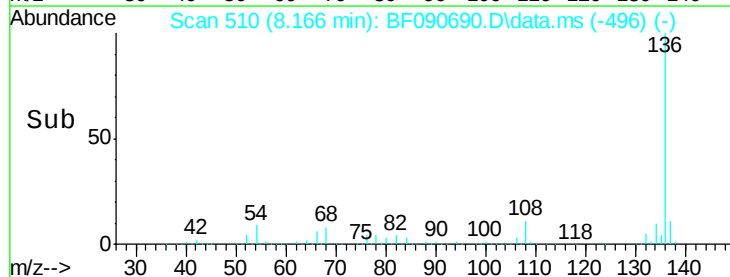
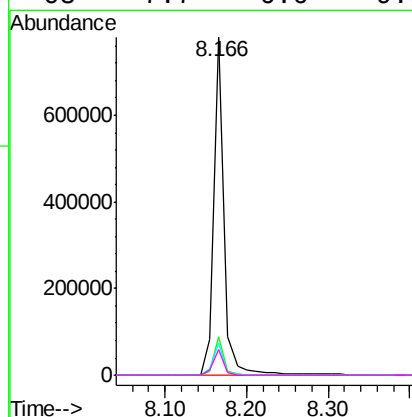
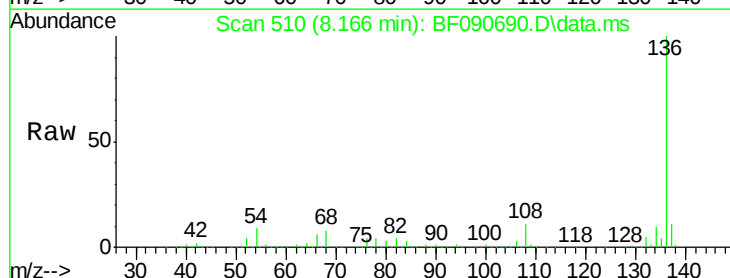
Ion Ratio Lower Upper

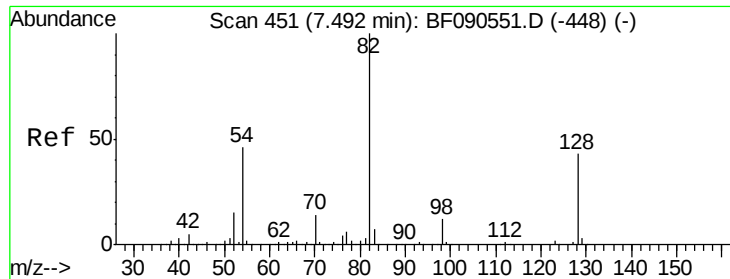
136 100

137 11.2 8.8 13.2

54 9.4 6.8 10.2

68 7.7 6.0 9.0





#23

Nitrobenzene-d5

Concen: 84.21 ng

RT: 7.446 min Scan# 44

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

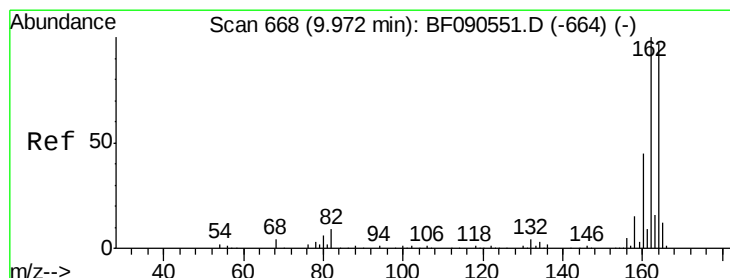
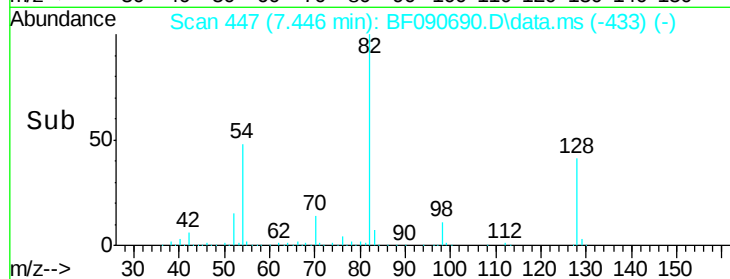
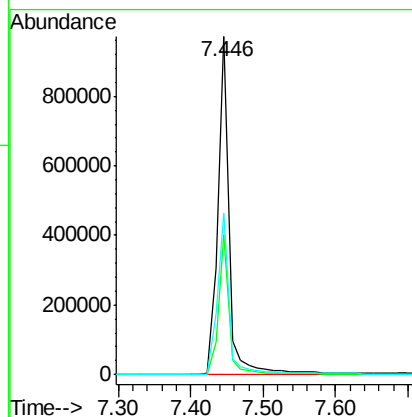
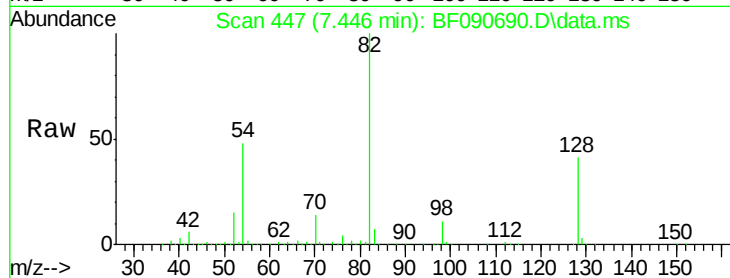
Tot Ion: 82 Resp: 1065143

Ion Ratio Lower Upper

82 100

128 41.3 34.3 51.5

54 47.9 37.0 55.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 664

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

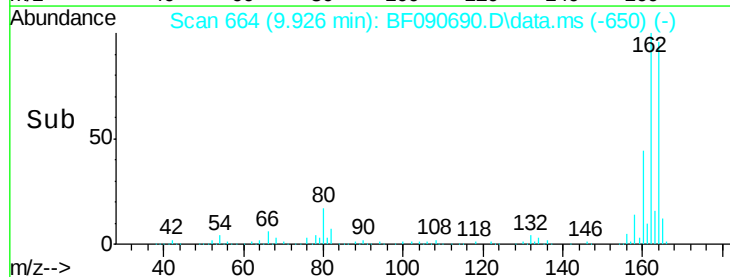
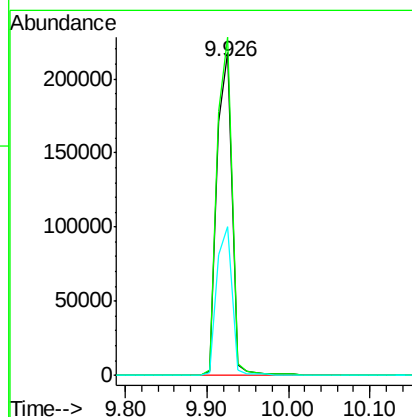
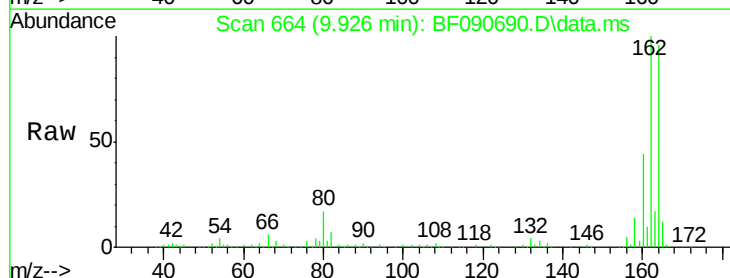
Tgt Ion:164 Resp: 280512

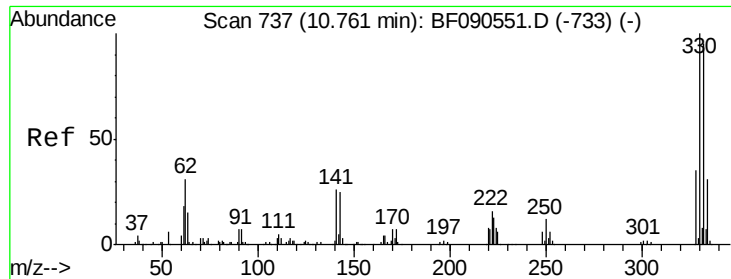
Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

160 45.9 36.6 55.0

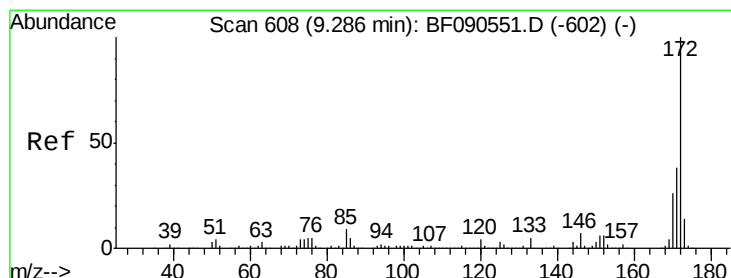
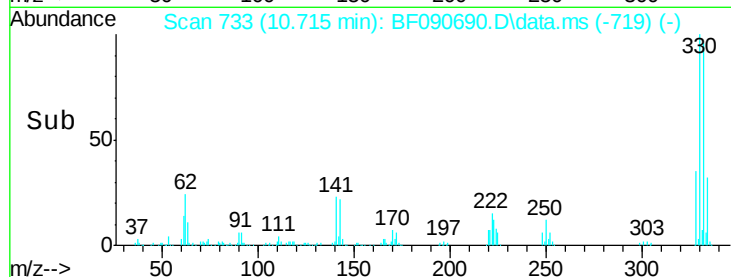
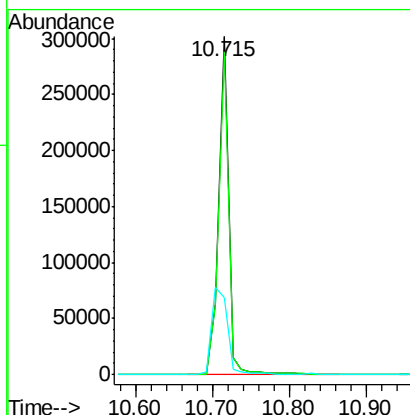
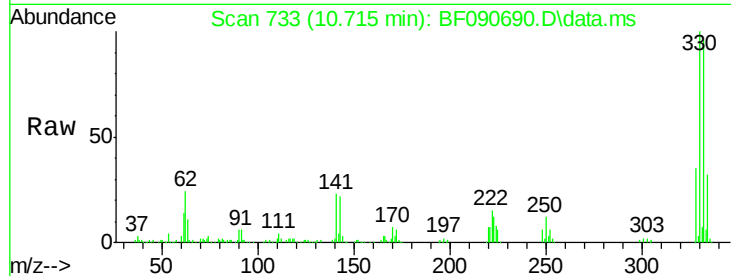




#41
 2,4,6-Tribromophenol
 Concen: 109.24 ng
 RT: 10.715 min Scan# 73
 Delta R.T. -0.035 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

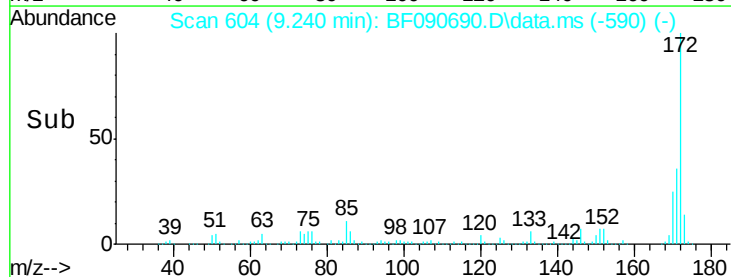
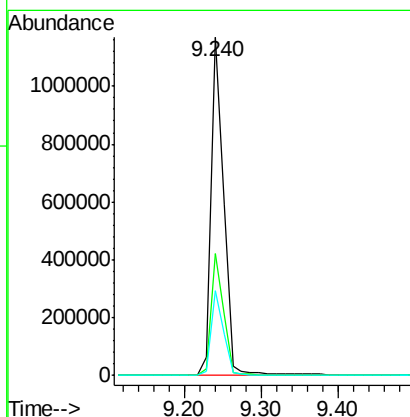
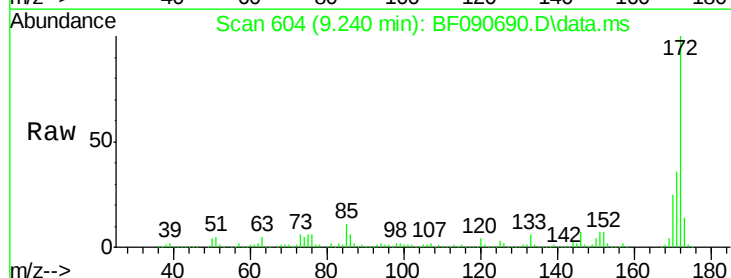
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

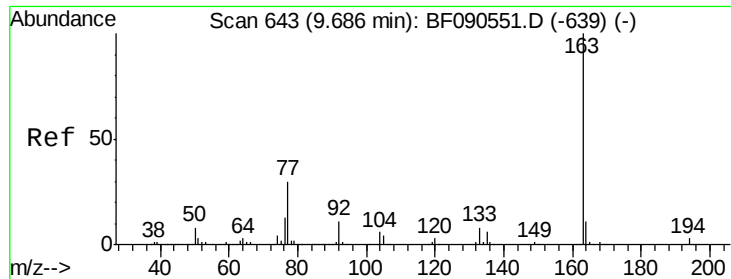
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	40.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.240 min Scan# 604
 Delta R.T. -0.035 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.1	45.1
170	25.1	20.6	30.8

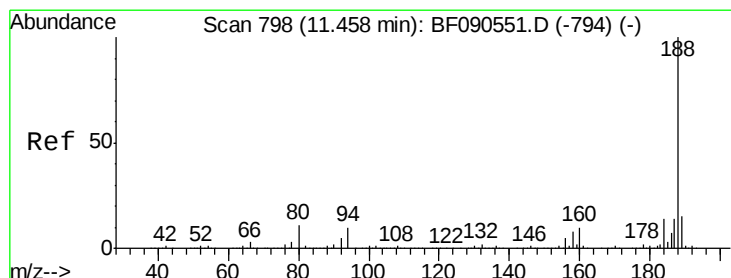
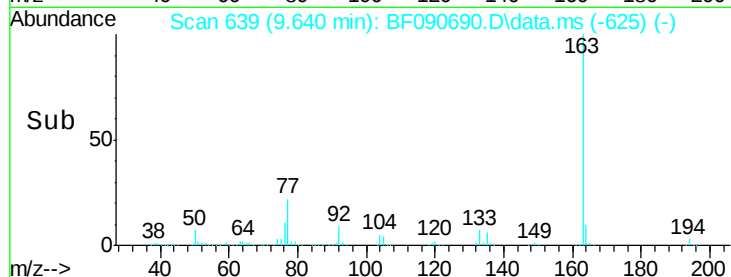
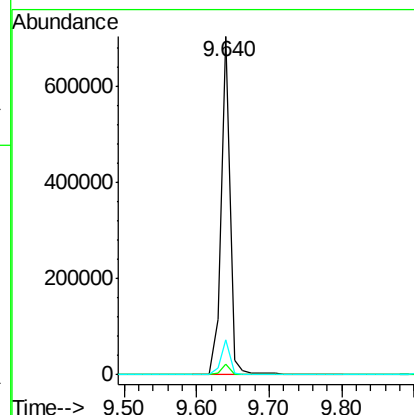
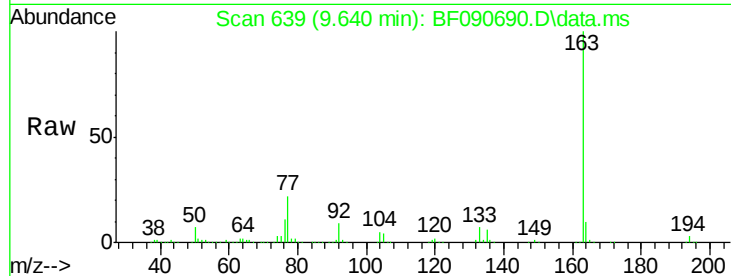




#49
Dimethylphthalate
Concen: 32.98 ng
RT: 9.640 min Scan# 63
Delta R.T. -0.035 min
Lab File: BF090690.D
Acq: 20 Oct 2016 18:53

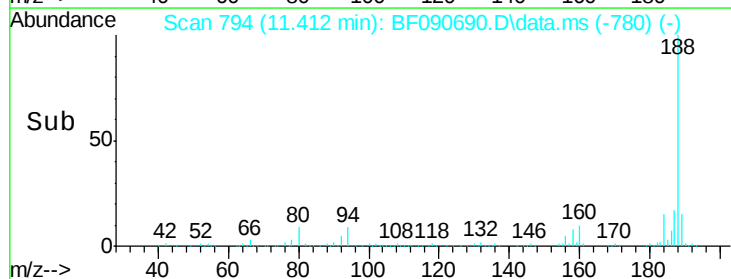
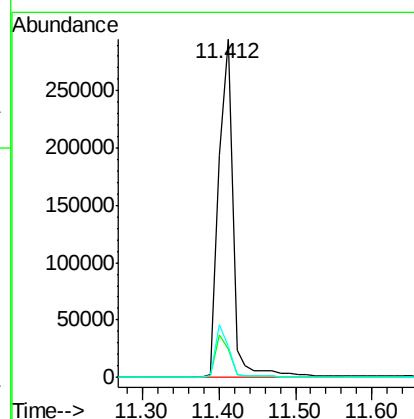
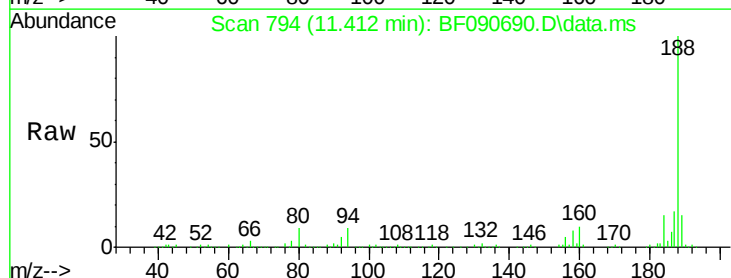
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-19.5-20.0

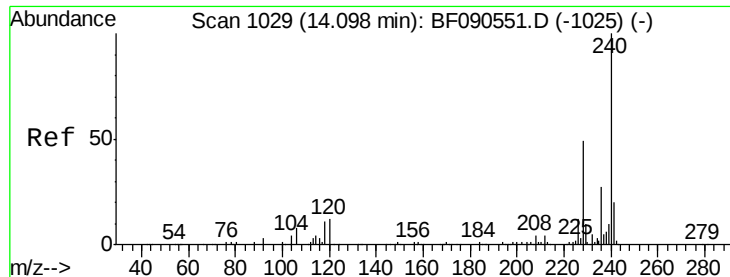
Tot Ion:163 Resp: 600244
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.1 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.412 min Scan# 794
Delta R.T. -0.034 min
Lab File: BF090690.D
Acq: 20 Oct 2016 18:53

Tgt Ion:188 Resp: 383282
Ion Ratio Lower Upper
188 100
94 8.6 7.7 11.5
80 9.1 8.6 12.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.052 min Scan# 10

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

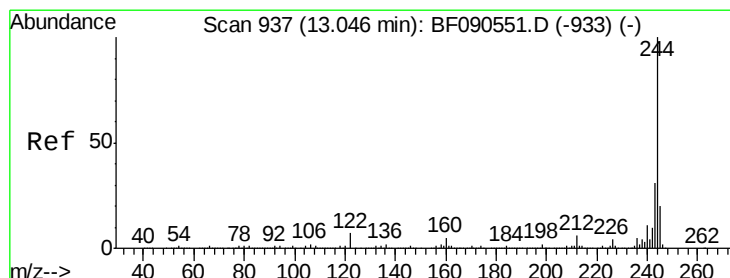
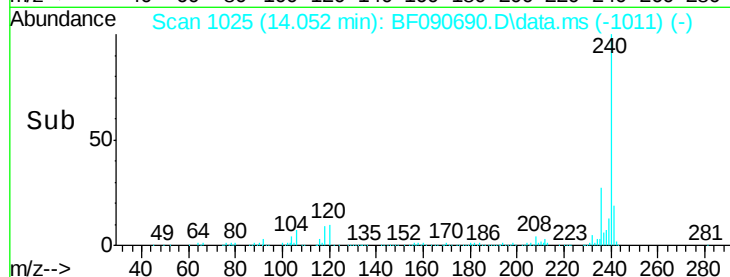
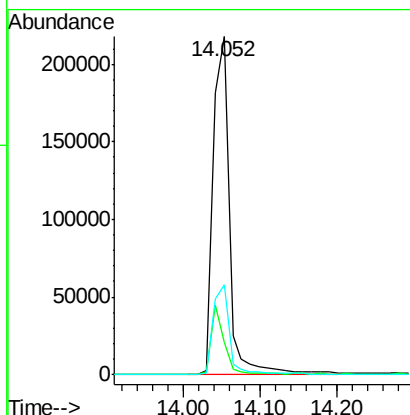
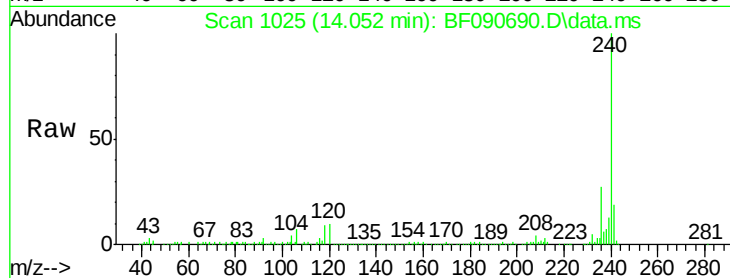
Tot Ion:240 Resp: 321403

Ion Ratio Lower Upper

240 100

120 9.6 9.8 14.8#

236 26.6 21.7 32.5



#78

Terphenyl-d14

Concen: 72.96 ng

RT: 13.001 min Scan# 933

Delta R.T. -0.035 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

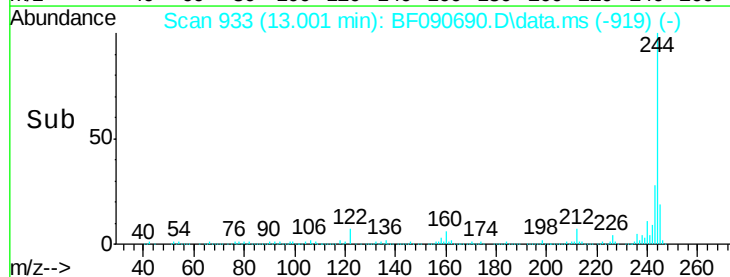
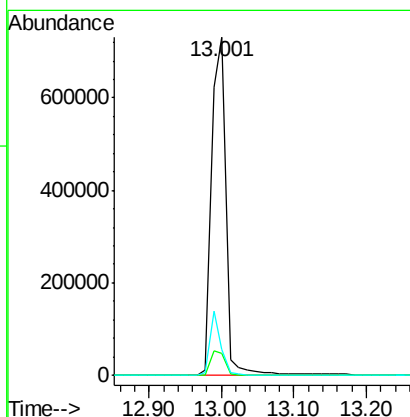
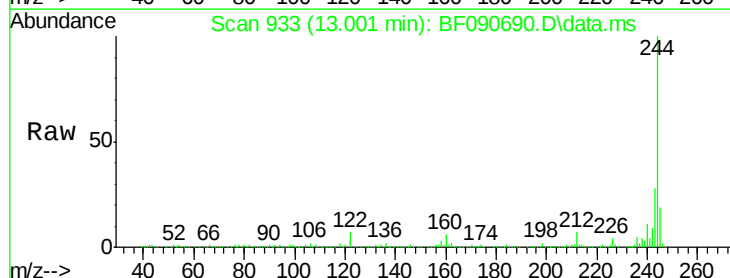
Tgt Ion:244 Resp: 1007088

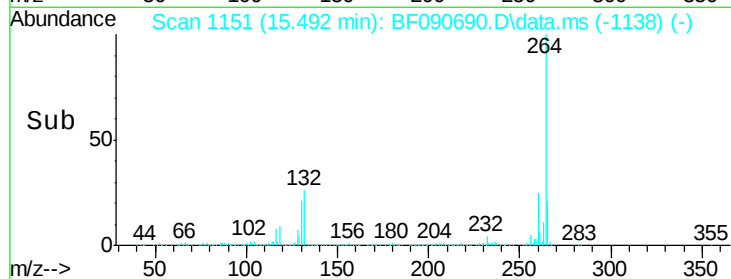
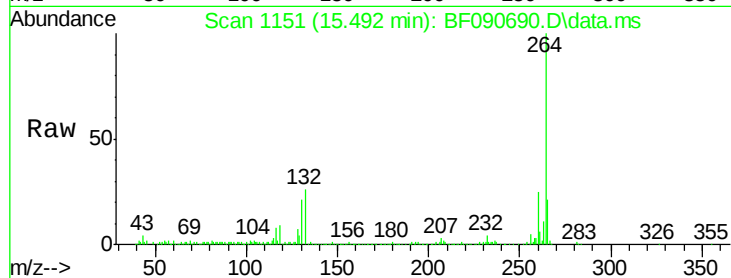
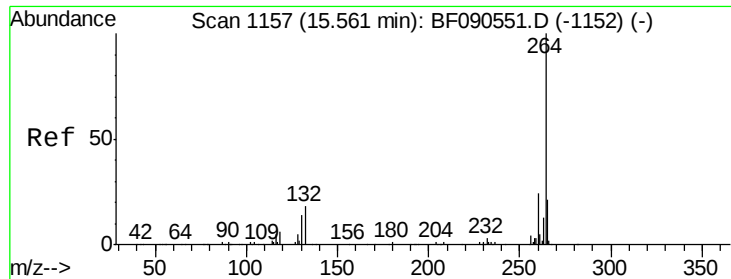
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 7.5 5.6 8.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 11
Delta R.T. -0.046 min
Lab File: BF090690.D
Acq: 20 Oct 2016 18:53

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-19.5-20.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.3	16.7	25.1

