

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090698.D
 Acq On : 20 Oct 2016 22:31
 Operator : UM/SJ
 Sample : H5343-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-14.5-15.0

Quant Time: Oct 21 08:56:44 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)

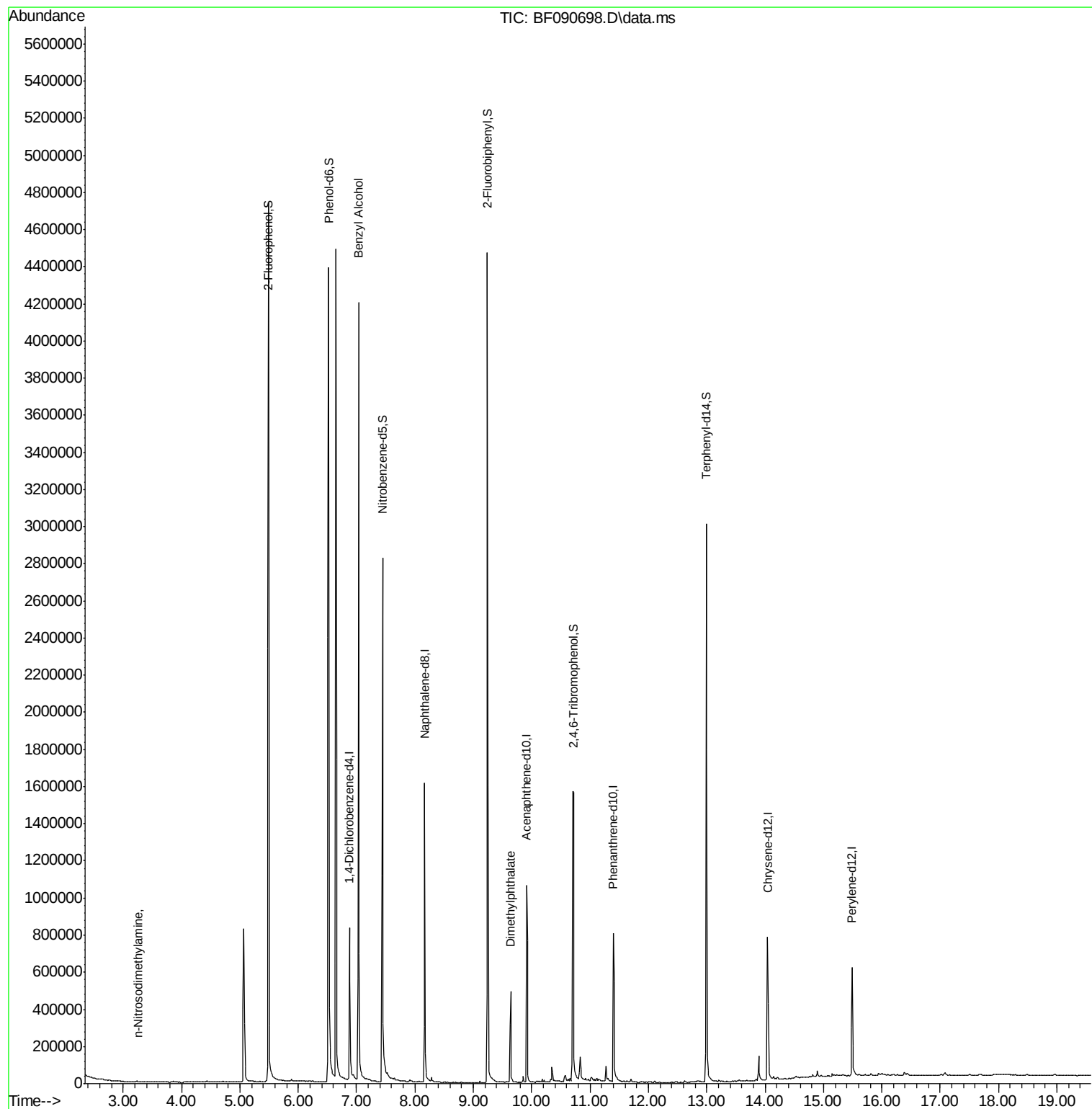
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.874	152	166654	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	725982	20.00	ng	-0.03
38) Acenaphthene-d10	9.915	164	289422	20.00	ng	-0.05
63) Phenanthrene-d10	11.401	188	385831	20.00	ng	-0.05
75) Chrysene-d12	14.041	240	314805	20.00	ng	-0.05
86) Perylene-d12	15.492	264	251240	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	1466310	161.30	ng	-0.02
7) Phenol-d6	6.520	99	1898351	140.54	ng	-0.02
23) Nitrobenzene-d5	7.446	82	1194025	91.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	276314	107.09	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1529499	87.07	ng	-0.03
78) Terphenyl-d14	12.989	244	1151595	85.18	ng	-0.05
Target Compounds						
4) n-Nitrosodimethylamine	3.263	42	710	7.32	ng	Qvalue # 1
15) Benzyl Alcohol	7.034	79	20830	2.26	ng	# 51
49) Dimethylphthalate	9.640	163	252380	13.44	ng	98

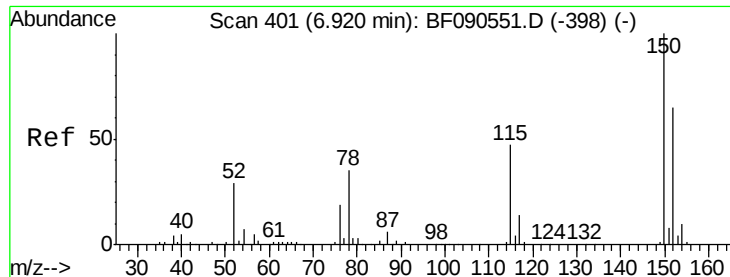
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

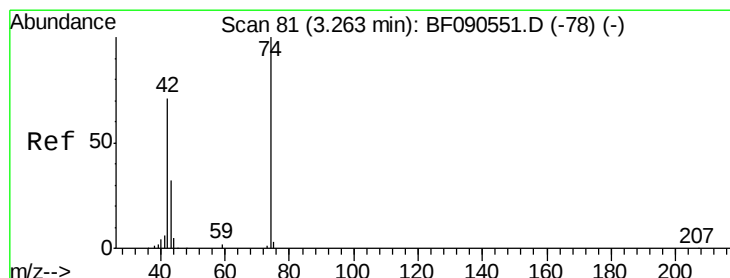
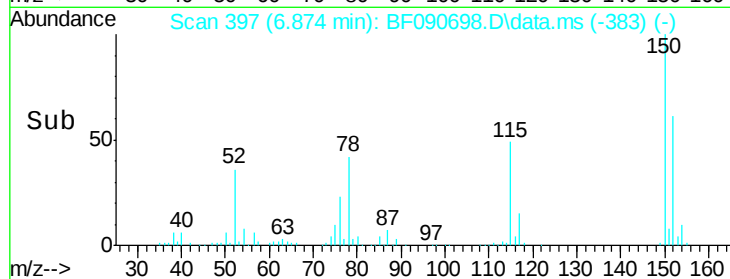
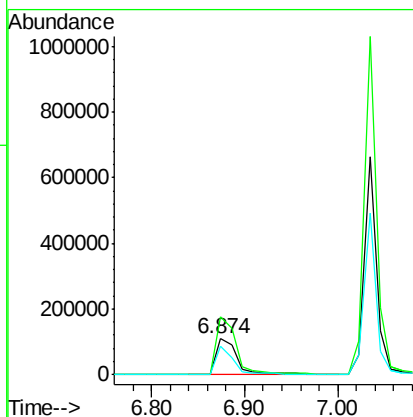
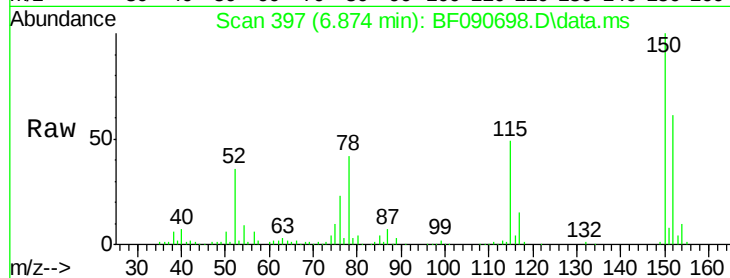
Tot Ion:152 Resp: 166654

Ion Ratio Lower Upper

152 100

150 163.6 127.2 190.8

115 80.7 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.32 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.034 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

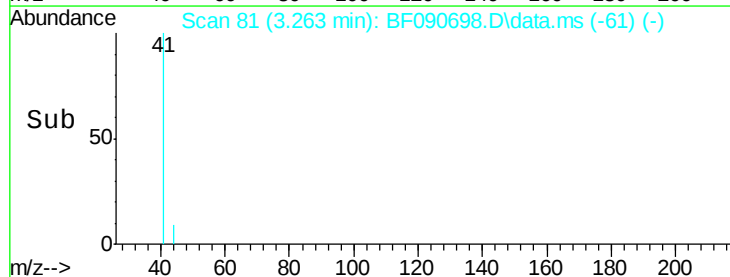
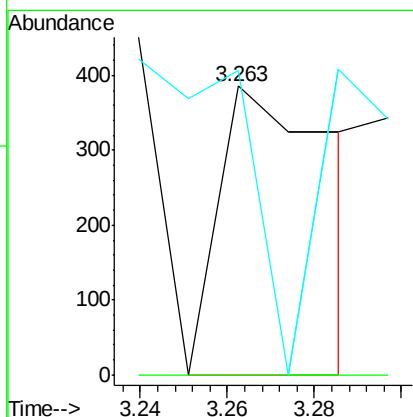
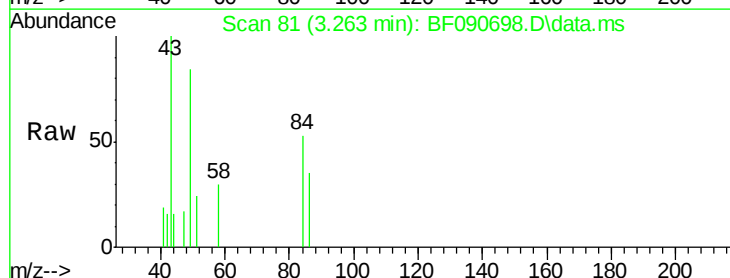
Tgt Ion: 42 Resp: 710

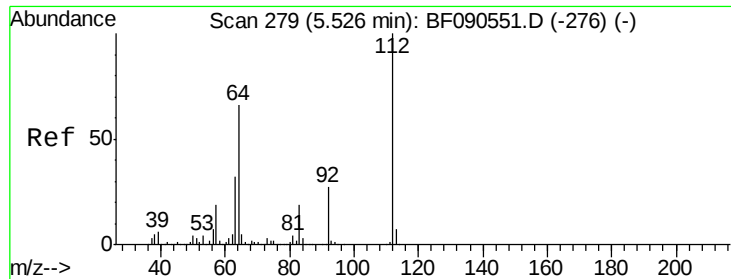
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 105.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 161.30 ng

RT: 5.491 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

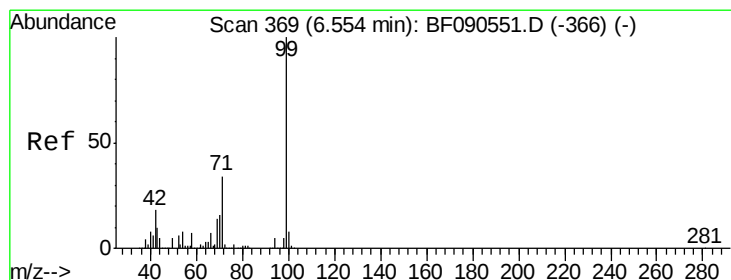
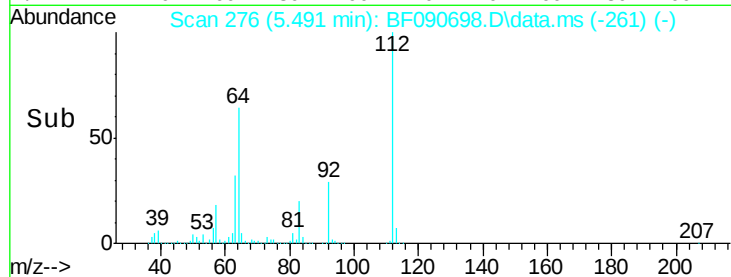
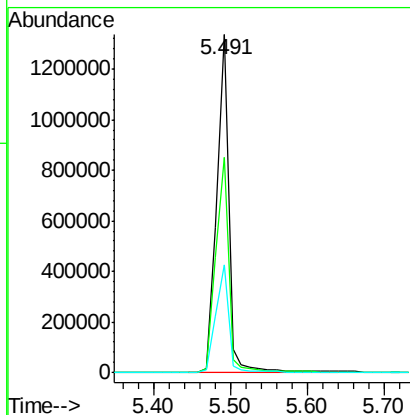
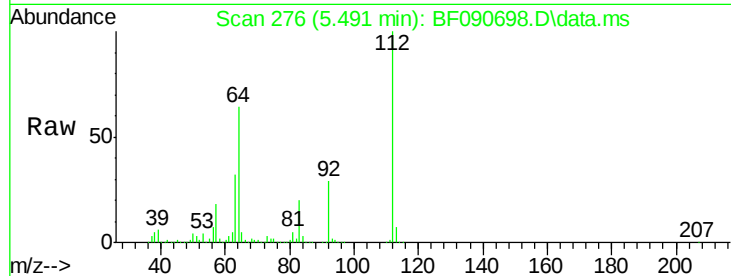
Tot Ion:112 Resp: 1466310

Ion Ratio Lower Upper

112 100

64 63.7 52.6 78.8

63 31.8 26.0 39.0



#7

Phenol-d6

Concen: 140.54 ng

RT: 6.520 min Scan# 366

Delta R.T. -0.023 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

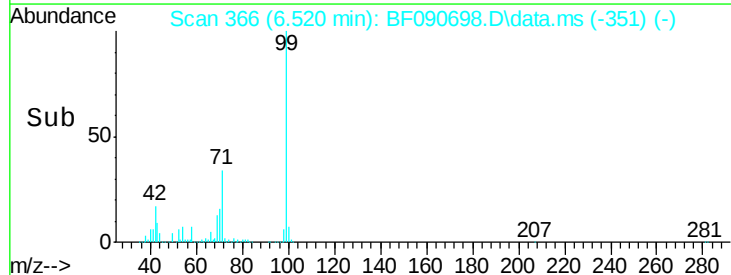
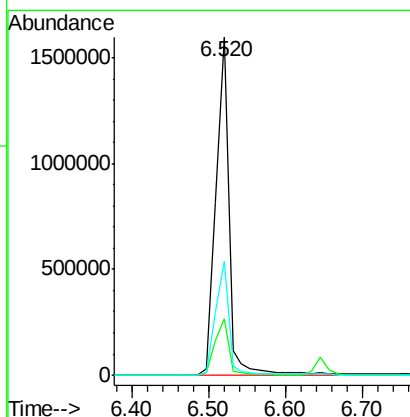
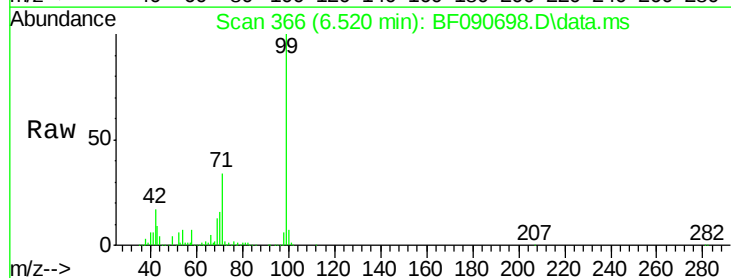
Tgt Ion: 99 Resp: 1898351

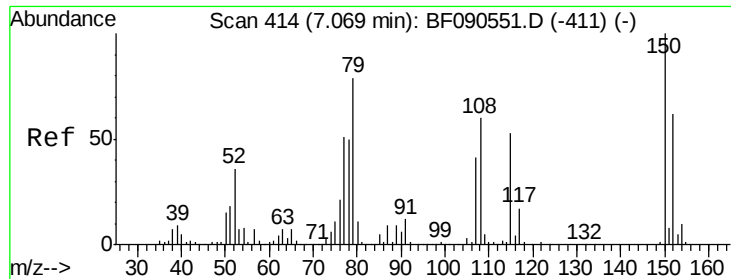
Ion Ratio Lower Upper

99 100

42 16.6 14.7 22.1

71 33.8 27.6 41.4





#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 7.034 min Scan# 41

Delta R.T. -0.023 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

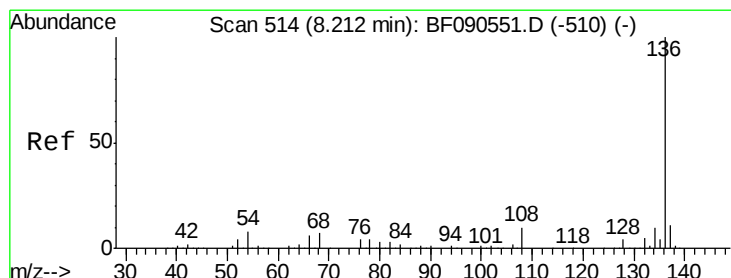
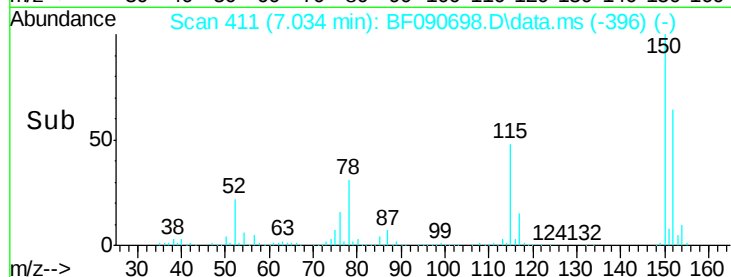
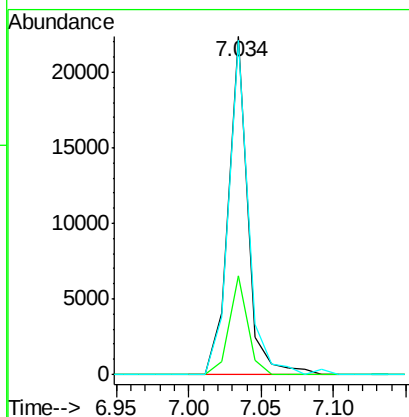
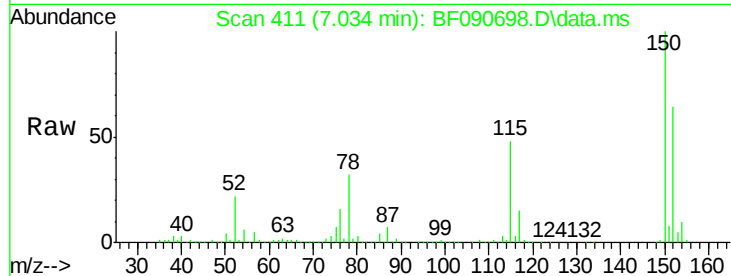
Tot Ion: 79 Resp: 20830

Ion Ratio Lower Upper

79 100

108 29.1 60.2 90.4#

77 98.7 52.0 78.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 510

Delta R.T. -0.034 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Tgt Ion: 136 Resp: 725982

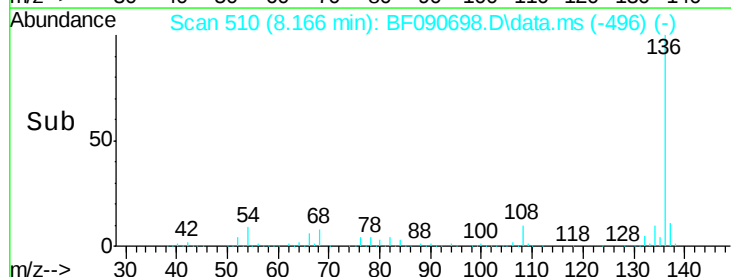
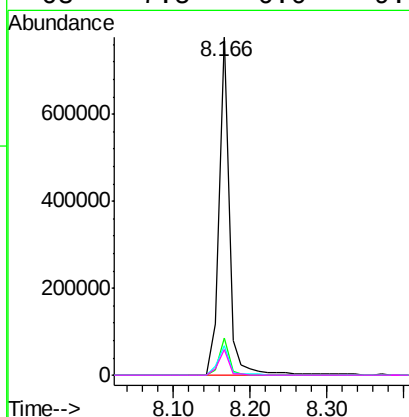
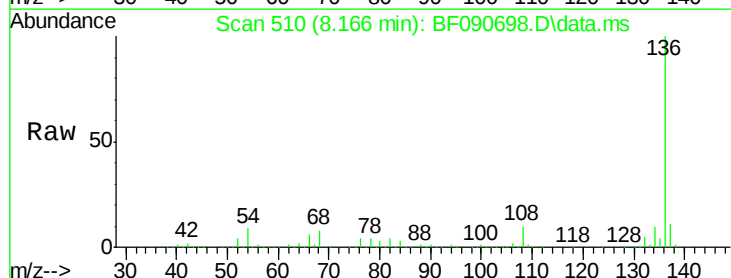
Ion Ratio Lower Upper

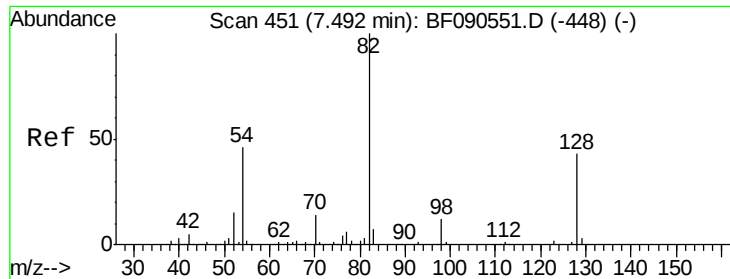
136 100

137 11.1 8.8 13.2

54 8.9 6.8 10.2

68 7.5 6.0 9.0





#23

Nitrobenzene-d5

Concen: 91.36 ng

RT: 7.446 min Scan# 44

Delta R.T. -0.034 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

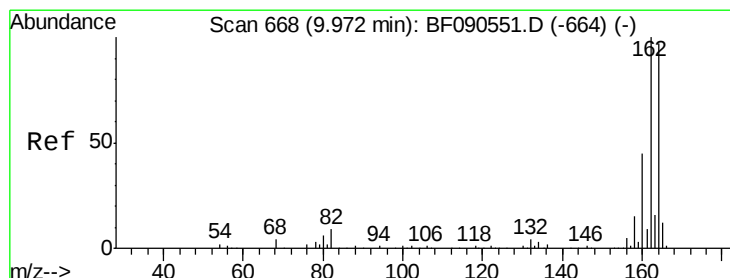
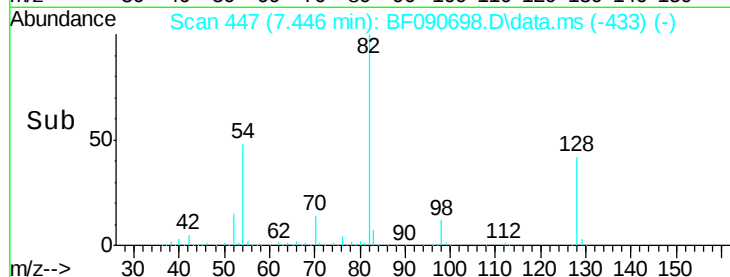
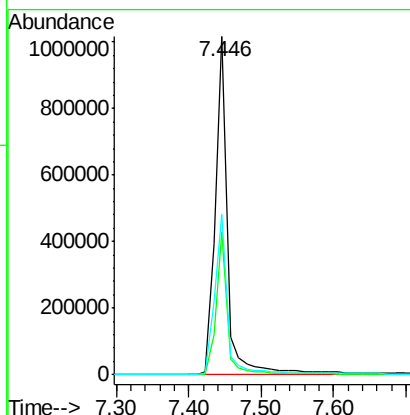
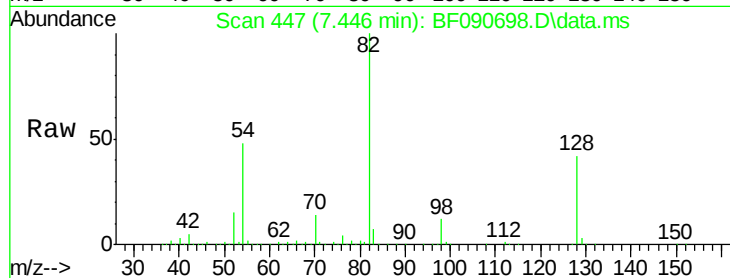
Tot Ion: 82 Resp: 1194025

Ion Ratio Lower Upper

82 100

128 41.9 34.3 51.5

54 47.6 37.0 55.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.915 min Scan# 663

Delta R.T. -0.046 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

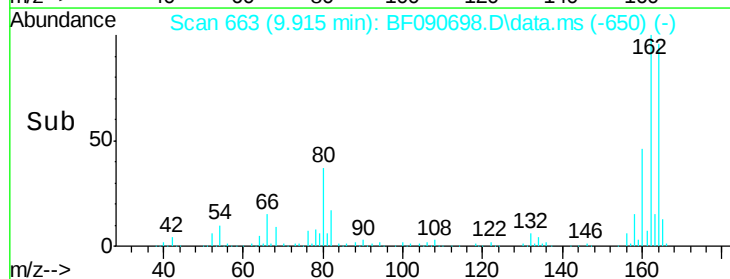
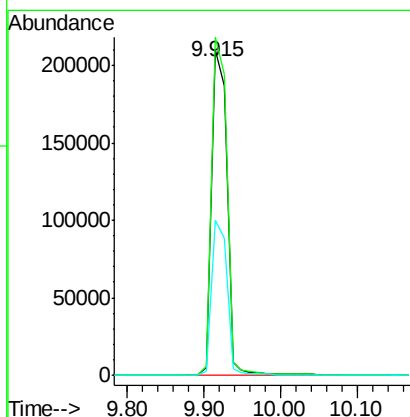
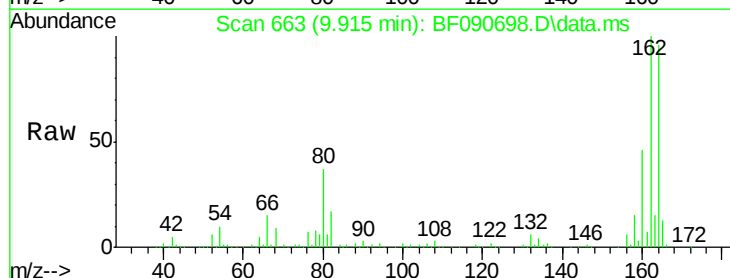
Tgt Ion:164 Resp: 289422

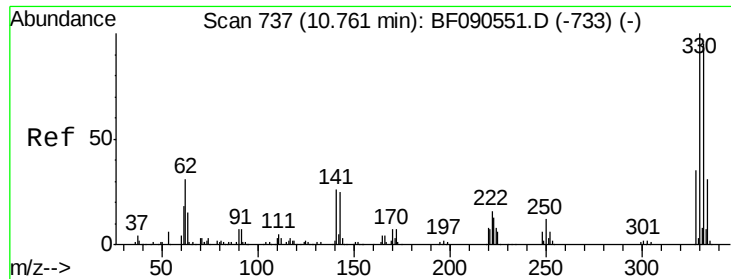
Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

160 47.7 36.6 55.0

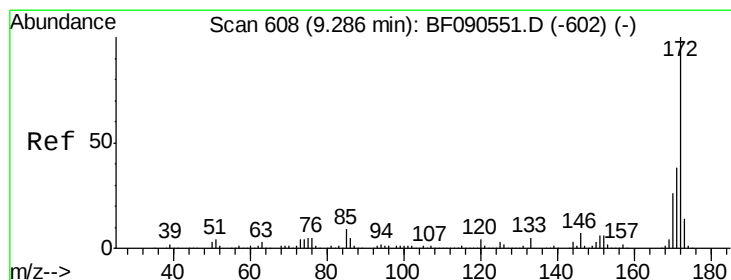
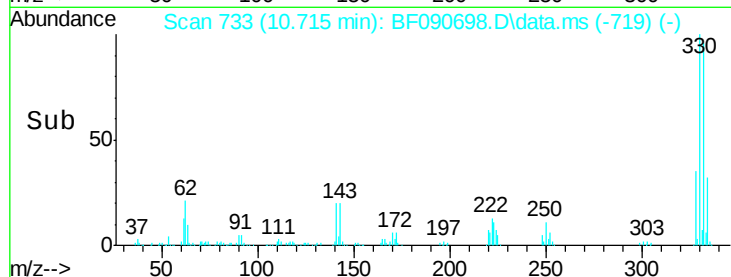
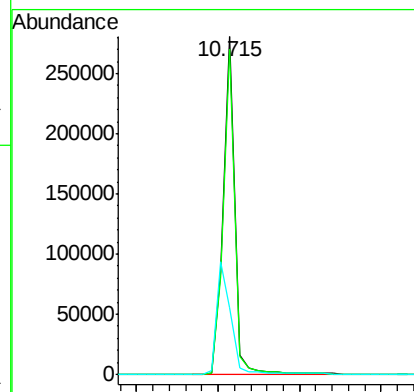
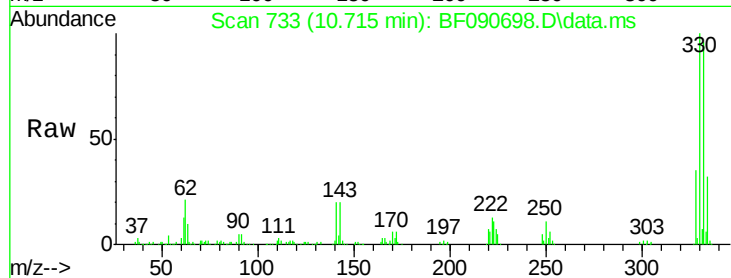




#41
 2,4,6-Tribromophenol
 Concen: 107.09 ng
 RT: 10.715 min Scan# 73
 Delta R.T. -0.034 min
 Lab File: BF090698.D
 Acq: 20 Oct 2016 22:31

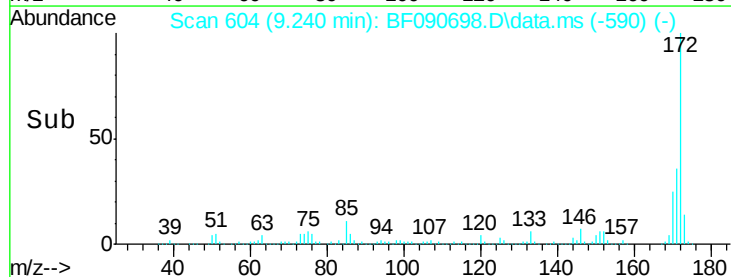
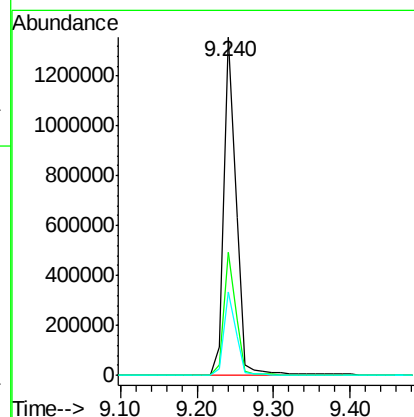
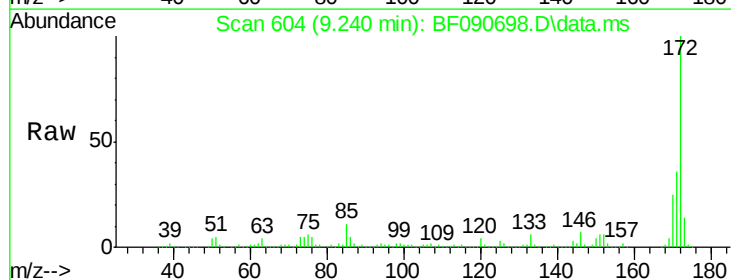
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-14.5-15.0

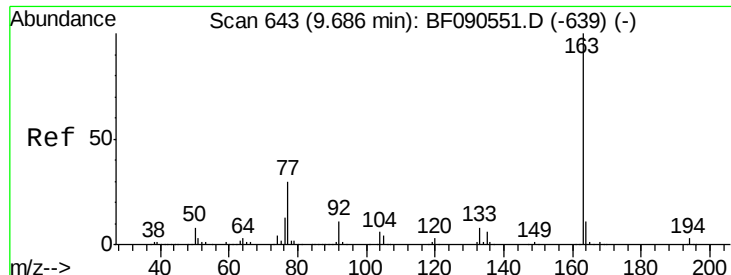
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	42.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 87.07 ng
 RT: 9.240 min Scan# 604
 Delta R.T. -0.035 min
 Lab File: BF090698.D
 Acq: 20 Oct 2016 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	24.6	20.6	30.8





#49

Dimethylphthalate

Concen: 13.44 ng

RT: 9.640 min Scan# 63

Delta R.T. -0.035 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

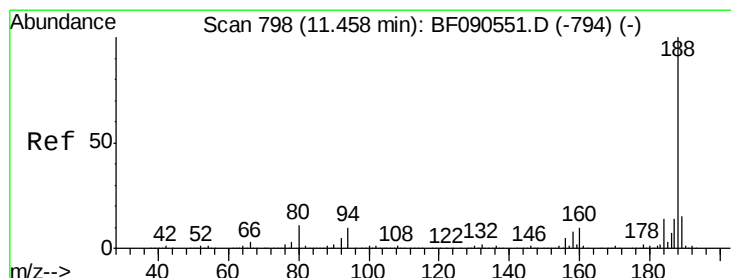
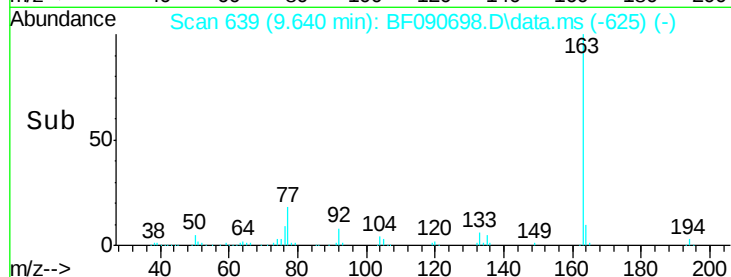
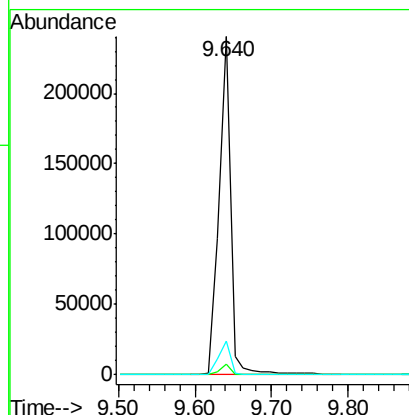
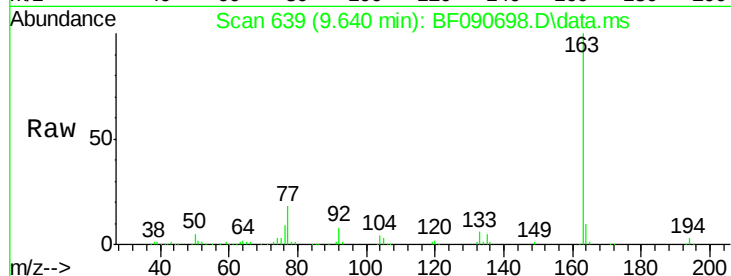
Tot Ion:163 Resp: 252380

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

164 9.7 8.6 13.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.401 min Scan# 793

Delta R.T. -0.046 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

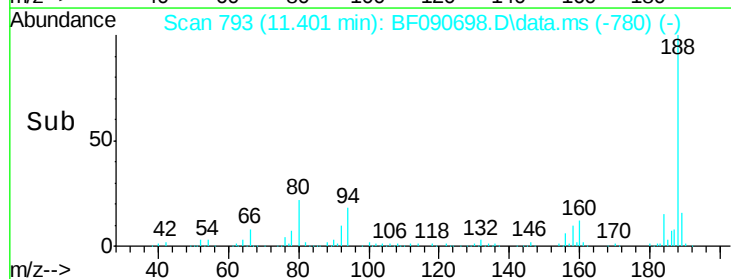
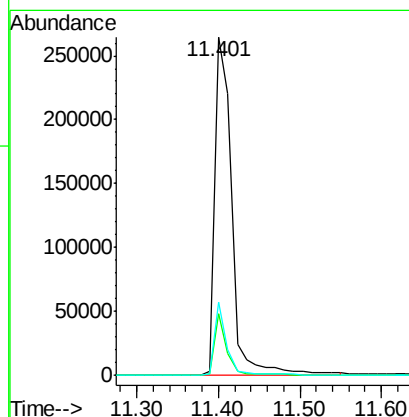
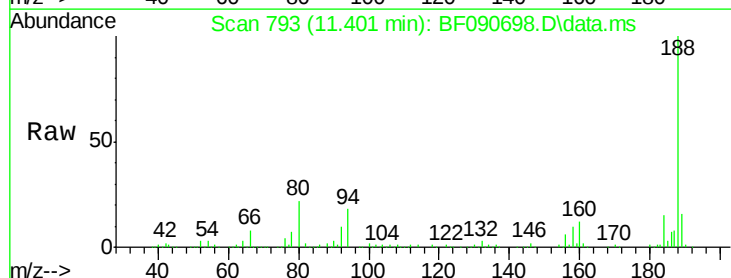
Tgt Ion:188 Resp: 385831

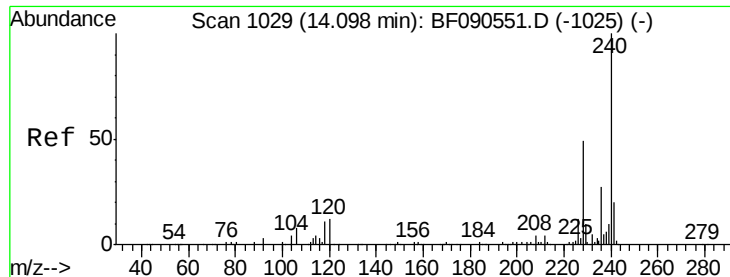
Ion Ratio Lower Upper

188 100

94 18.3 7.7 11.5#

80 21.7 8.6 12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.041 min Scan# 10

Delta R.T. -0.046 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

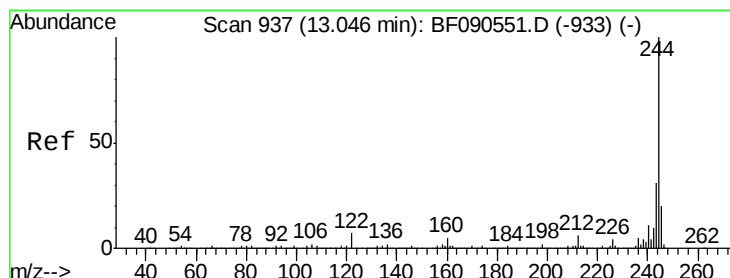
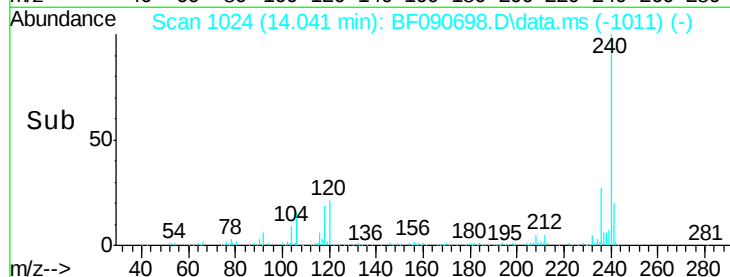
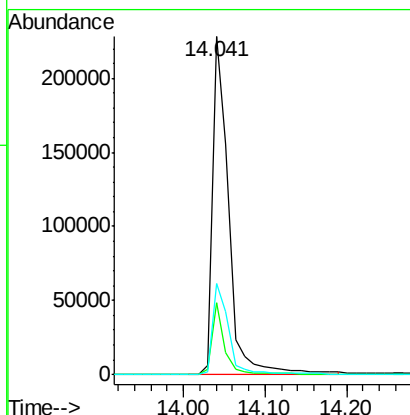
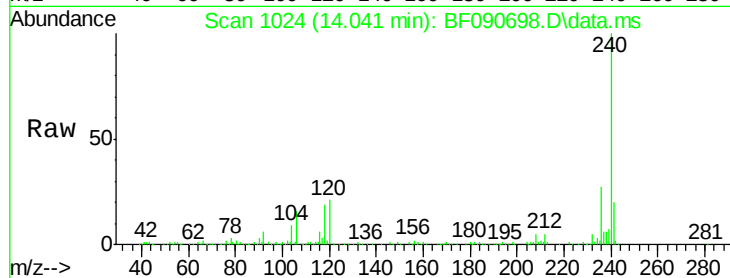
Tot Ion:240 Resp: 314805

Ion Ratio Lower Upper

240 100

120 21.3 9.8 14.8#

236 27.0 21.7 32.5



#78

Terphenyl-d14

Concen: 85.18 ng

RT: 12.989 min Scan# 932

Delta R.T. -0.046 min

Lab File: BF090698.D

Acq: 20 Oct 2016 22:31

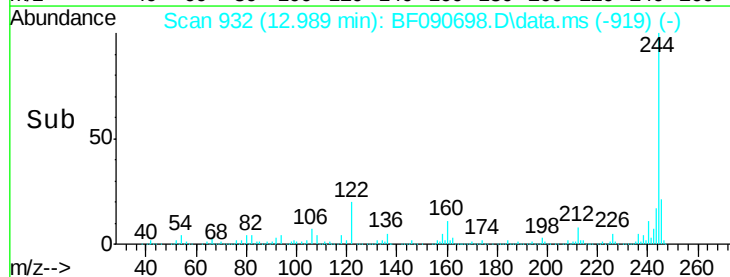
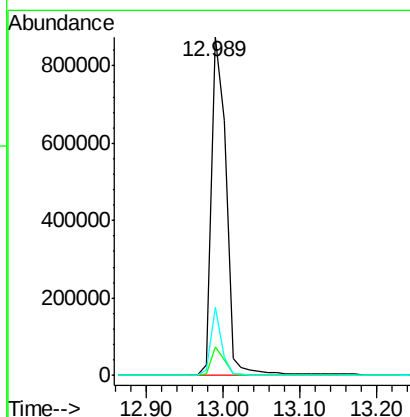
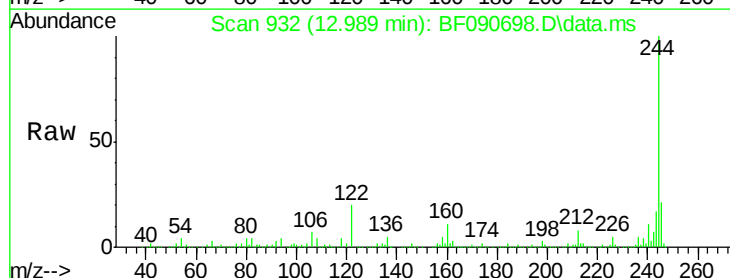
Tgt Ion:244 Resp: 1151595

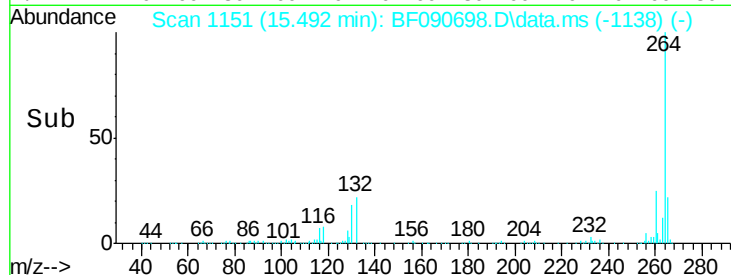
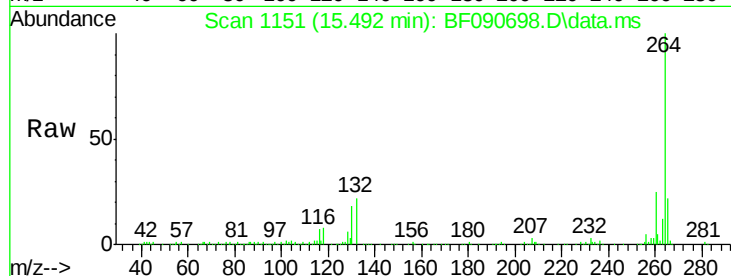
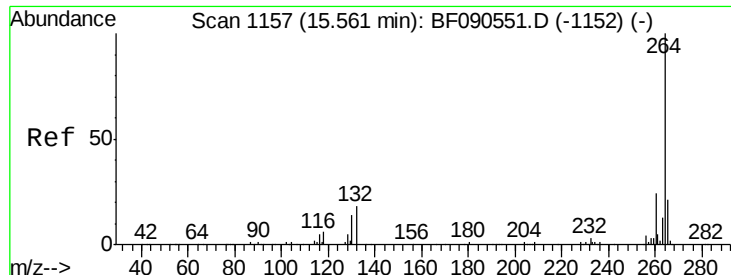
Ion Ratio Lower Upper

244 100

212 8.3 5.0 7.4#

122 20.2 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: BF090698.D
 Acq: 20 Oct 2016 22:31

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.6	16.7	25.1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-14.5-15.0

