

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090699.D
 Acq On : 20 Oct 2016 22:58
 Operator : UM/SJ
 Sample : H5343-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Quant Time: Oct 21 08:57:30 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)

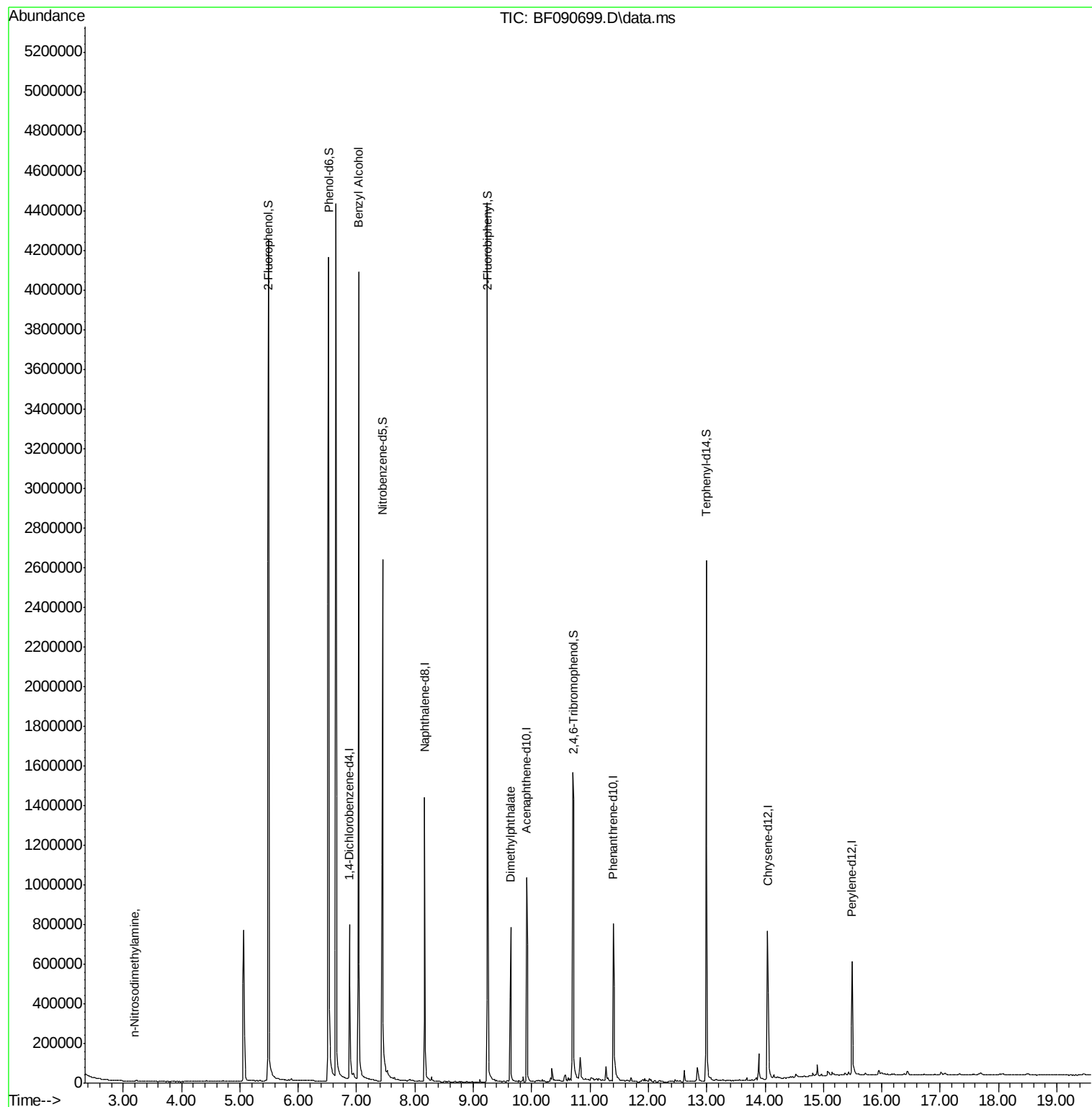
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	156857	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	666577	20.00	ng	-0.03
38) Acenaphthene-d10	9.915	164	271752	20.00	ng	-0.05
63) Phenanthrene-d10	11.401	188	369646	20.00	ng	-0.05
75) Chrysene-d12	14.041	240	314103	20.00	ng	-0.05
86) Perylene-d12	15.493	264	247087	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1442263	168.56	ng	-0.02
7) Phenol-d6	6.520	99	1842865	144.95	ng	-0.02
23) Nitrobenzene-d5	7.446	82	1130027	94.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	264508	109.18	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1346645	81.65	ng	-0.03
78) Terphenyl-d14	12.989	244	912711	67.66	ng	-0.05
Target Compounds						
4) n-Nitrosodimethylamine	3.194	42	1475	7.49	ng	Qvalue # 1
15) Benzyl Alcohol	7.035	79	20250	2.34	ng	# 50
49) Dimethylphthalate	9.640	163	383576	21.76	ng	97

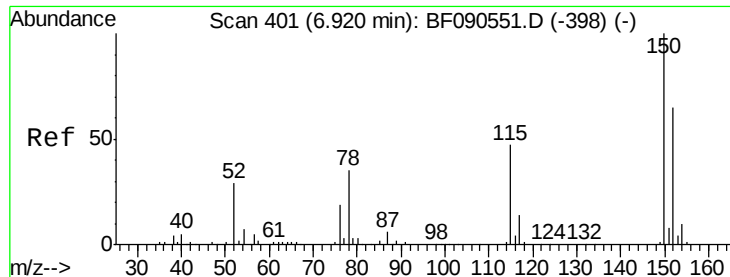
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 39

Delta R.T. -0.034 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

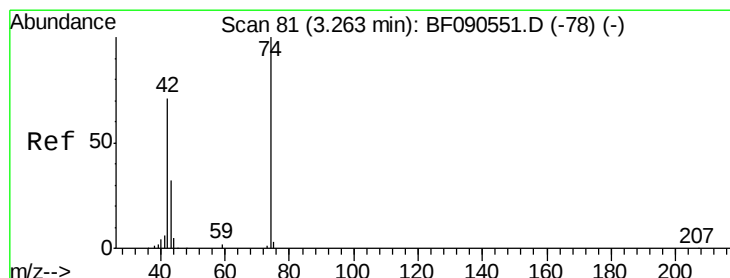
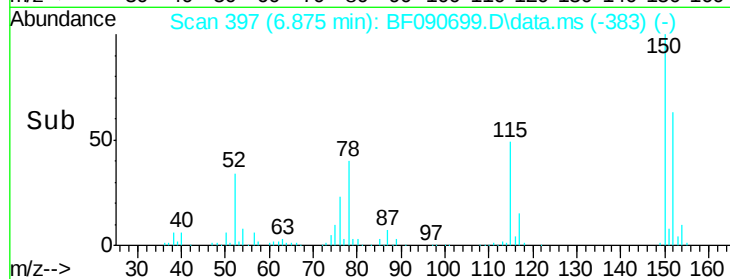
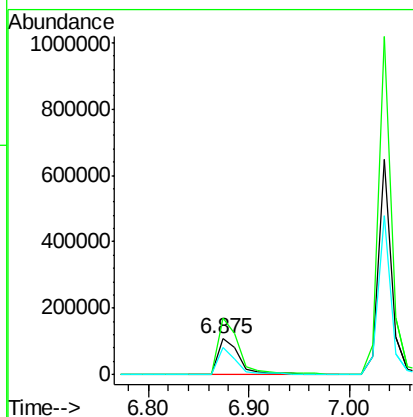
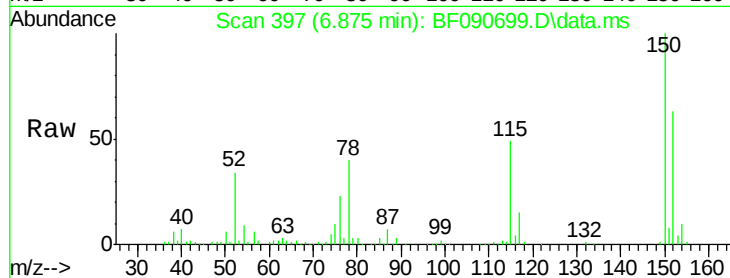
Tot Ion:152 Resp: 156857

Ion Ratio Lower Upper

152 100

150 159.7 127.2 190.8

115 77.6 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.49 ng

RT: 3.194 min Scan# 75

Delta R.T. -0.034 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

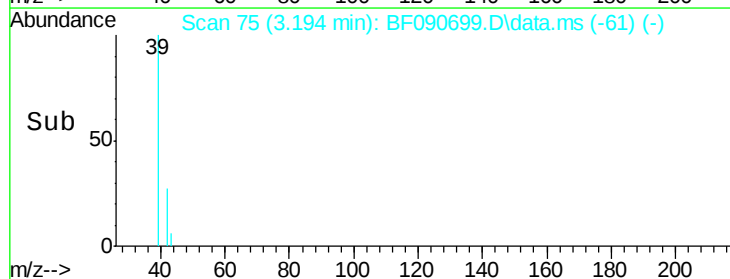
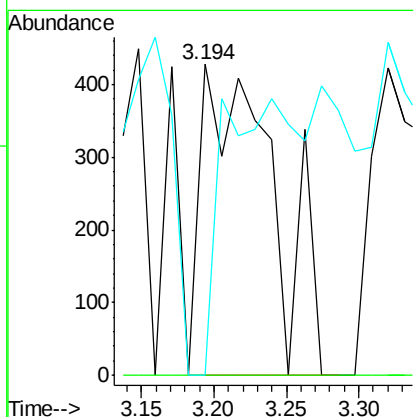
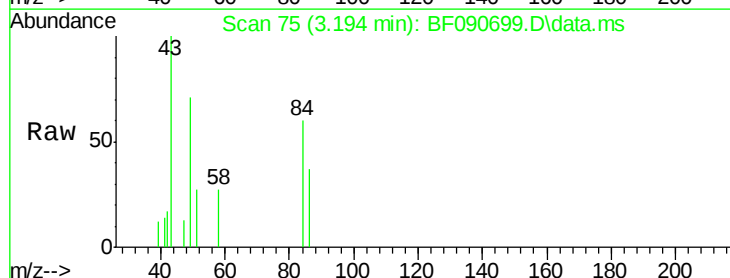
Tgt Ion: 42 Resp: 1475

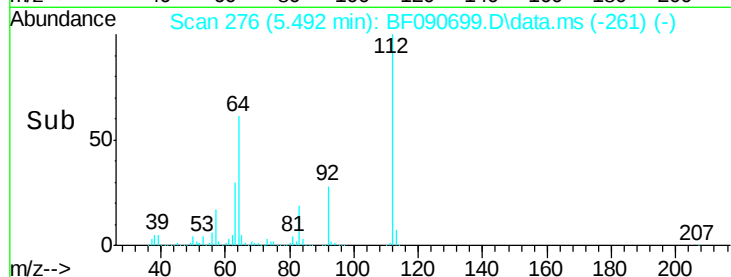
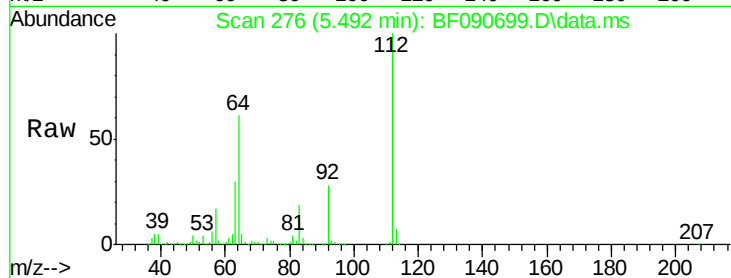
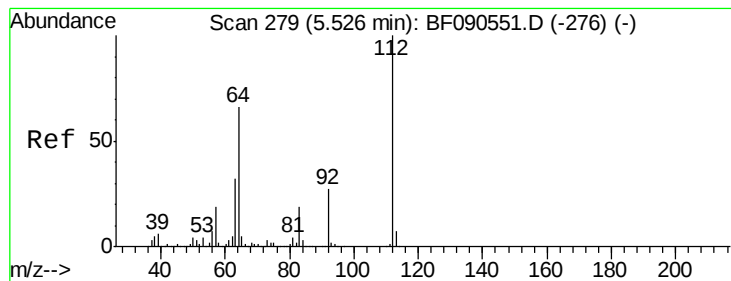
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 168.56 ng

RT: 5.492 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

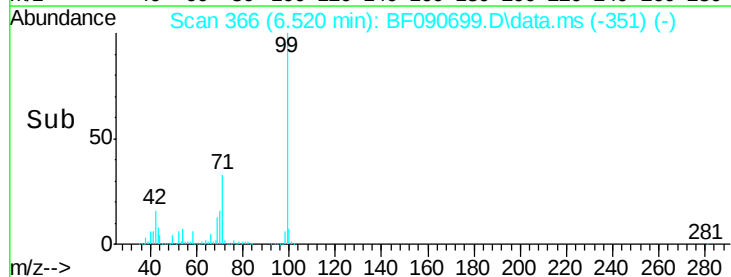
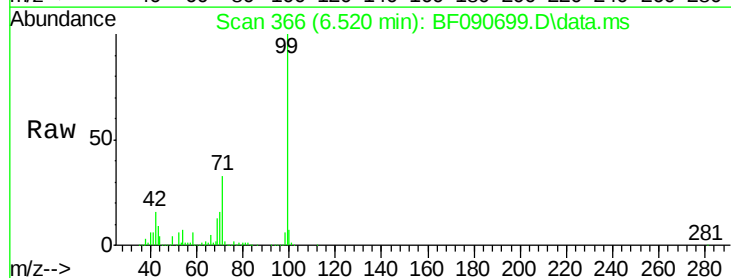
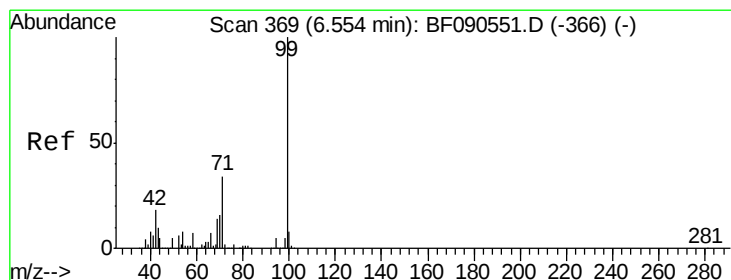
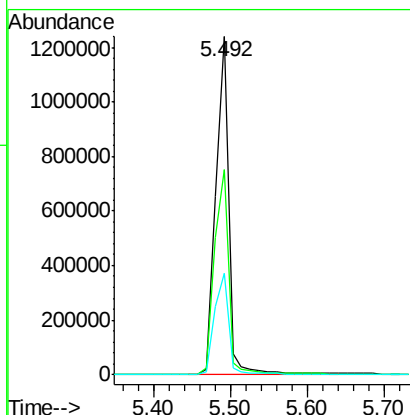
Tot Ion:112 Resp: 1442263

Ion Ratio Lower Upper

112 100

64 60.7 52.6 78.8

63 30.1 26.0 39.0



#7

Phenol-d6

Concen: 144.95 ng

RT: 6.520 min Scan# 366

Delta R.T. -0.023 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

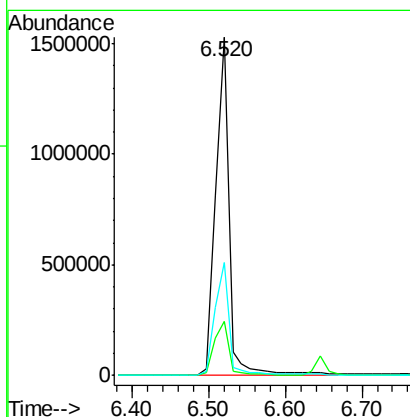
Tgt Ion: 99 Resp: 1842865

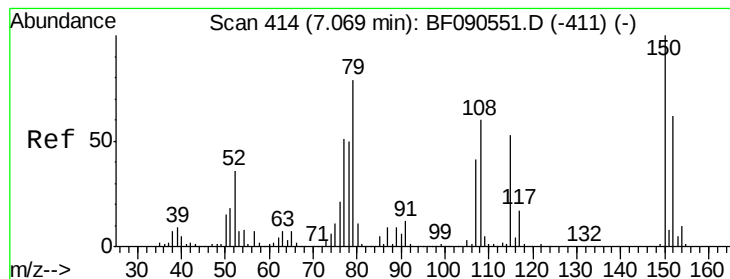
Ion Ratio Lower Upper

99 100

42 16.1 14.7 22.1

71 33.4 27.6 41.4





#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 7.035 min Scan# 41

Delta R.T. -0.023 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

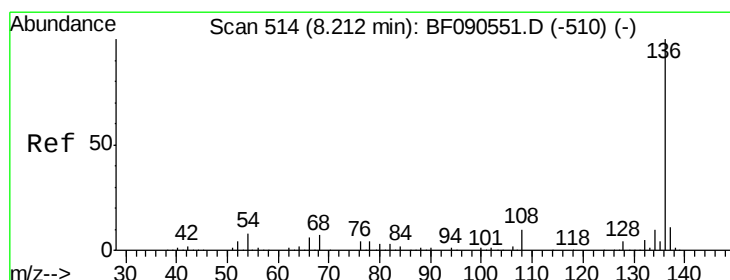
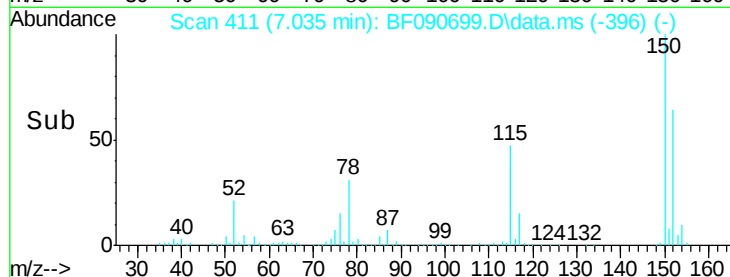
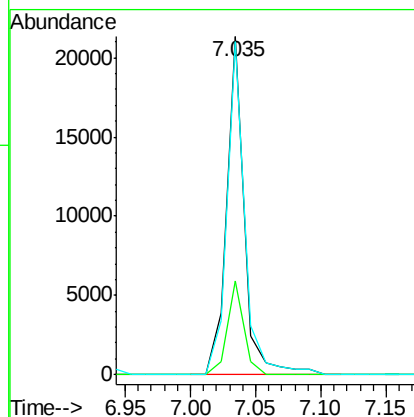
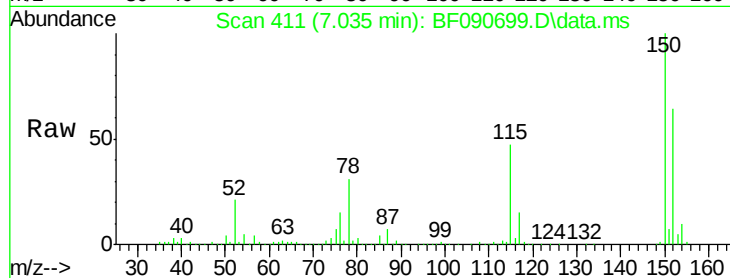
Tot Ion: 79 Resp: 20250

Ion Ratio Lower Upper

79 100

108 27.7 60.2 90.4#

77 98.6 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: BF090699.D

Acq: 20 Oct 2016 22:58

Tgt Ion: 136 Resp: 666577

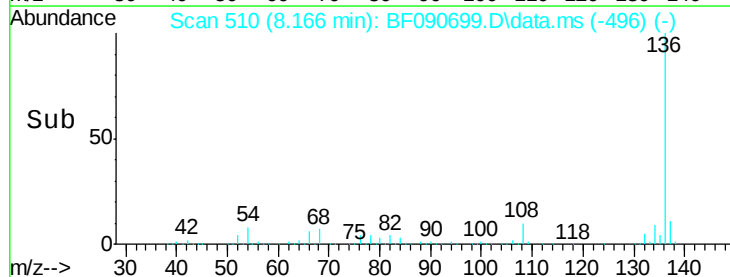
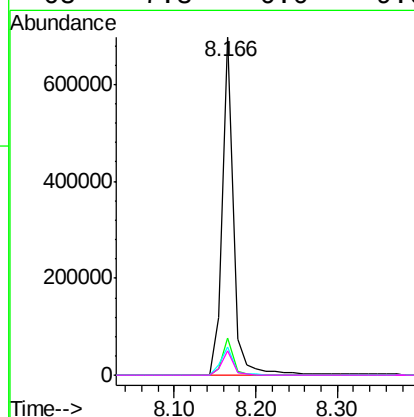
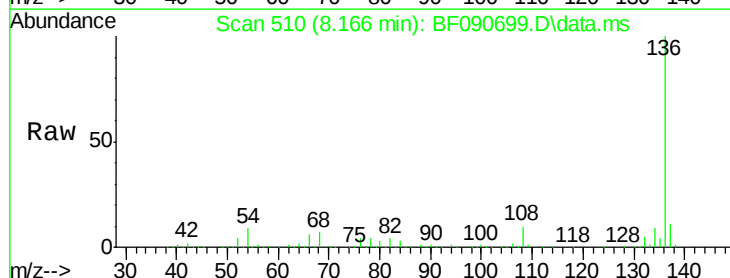
Ion Ratio Lower Upper

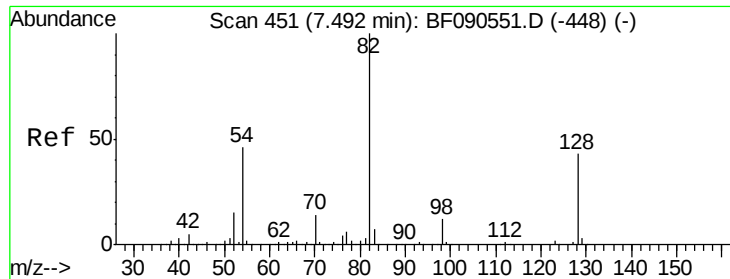
136 100

137 11.1 8.8 13.2

54 8.5 6.8 10.2

68 7.3 6.0 9.0





#23

Nitrobenzene-d5

Concen: 94.17 ng

RT: 7.446 min Scan# 44

Delta R.T. -0.034 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

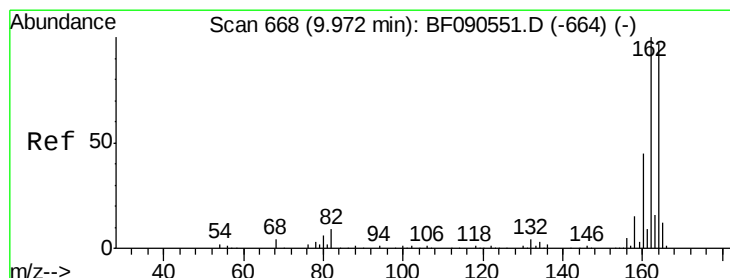
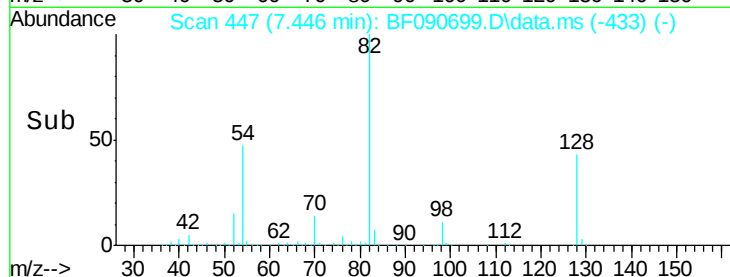
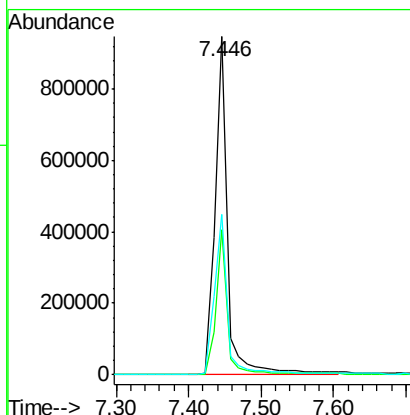
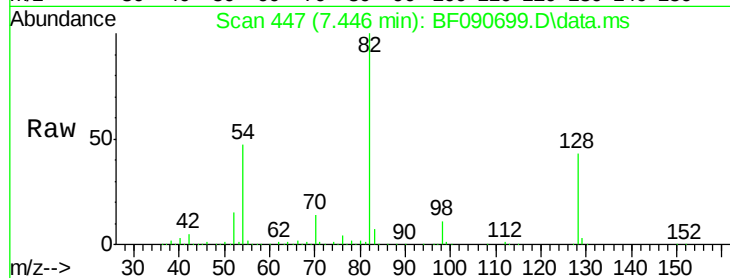
Tot Ion: 82 Resp: 1130027

Ion Ratio Lower Upper

82 100

128 42.8 34.3 51.5

54 47.2 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: BF090699.D

Acq: 20 Oct 2016 22:58

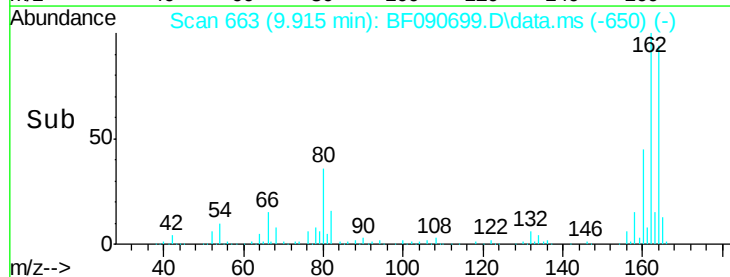
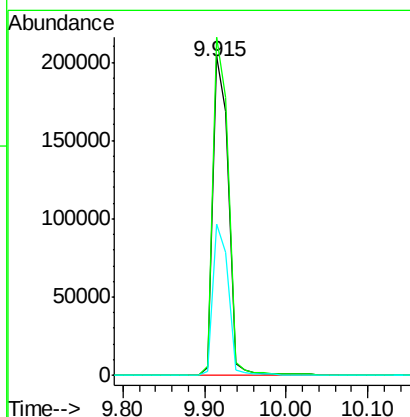
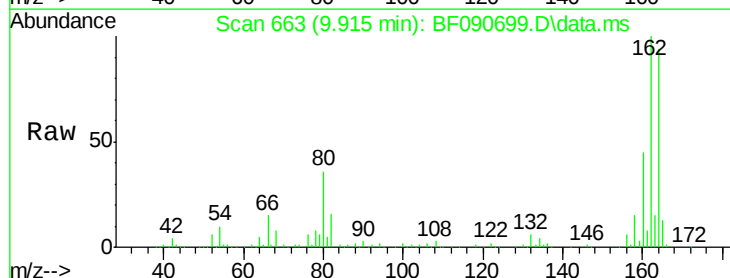
Tgt Ion:164 Resp: 271752

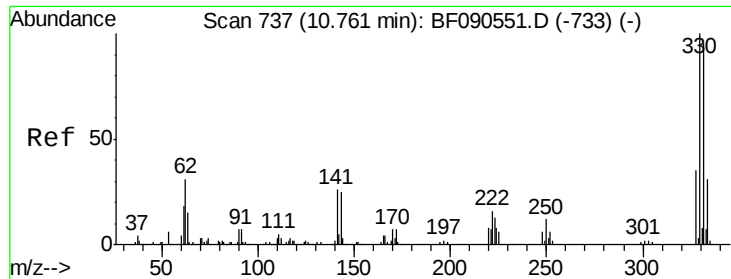
Ion Ratio Lower Upper

164 100

162 105.9 82.2 123.4

160 47.3 36.6 55.0

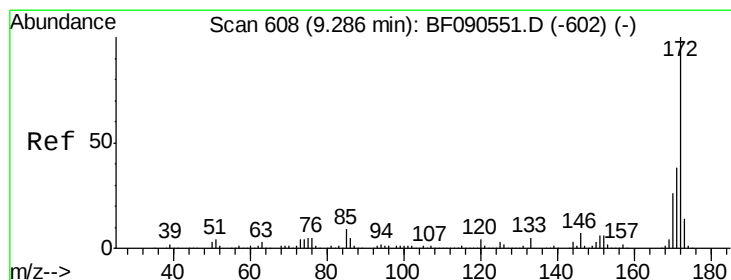
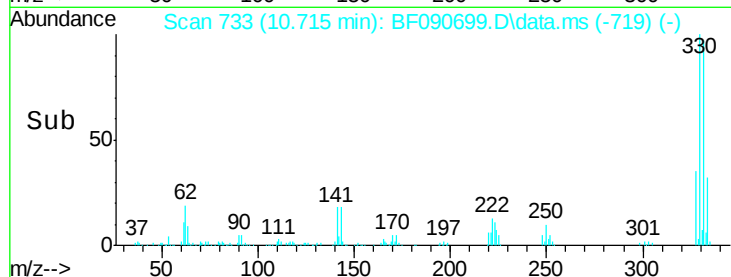
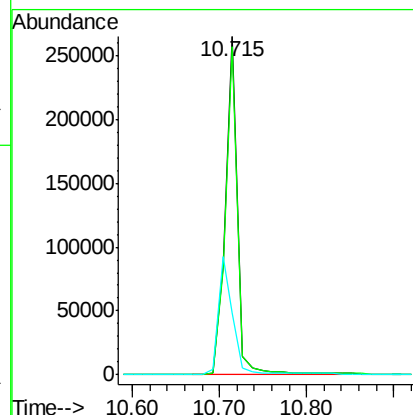
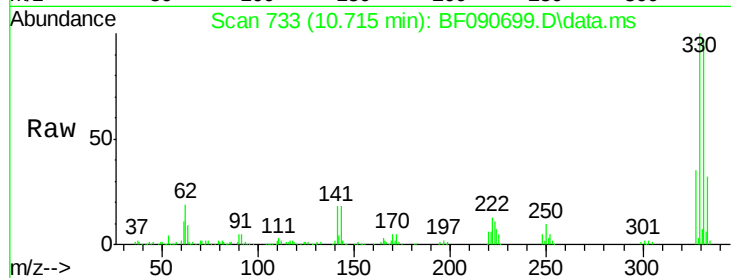




#41
 2,4,6-Tribromophenol
 Concen: 109.18 ng
 RT: 10.715 min Scan# 73
 Delta R.T. -0.034 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

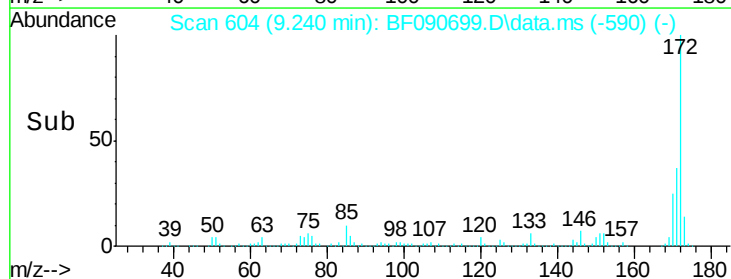
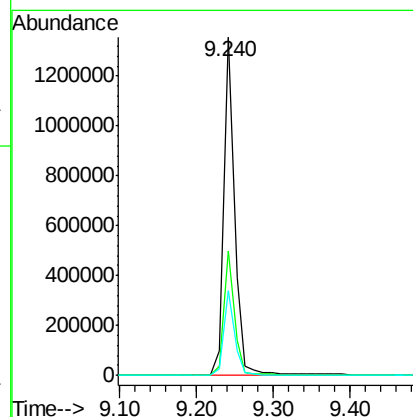
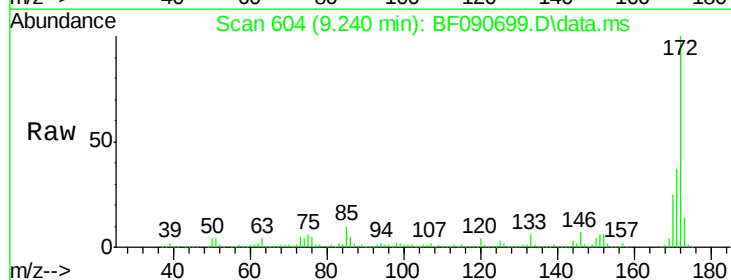
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

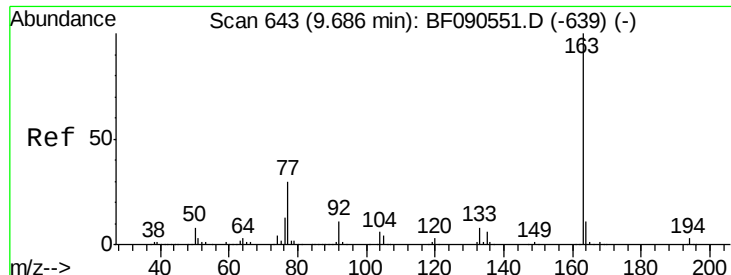
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.2
141	41.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 9.240 min Scan# 604
 Delta R.T. -0.034 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	24.9	20.6	30.8





#49

Dimethylphthalate

Concen: 21.76 ng

RT: 9.640 min Scan# 63

Delta R.T. -0.034 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

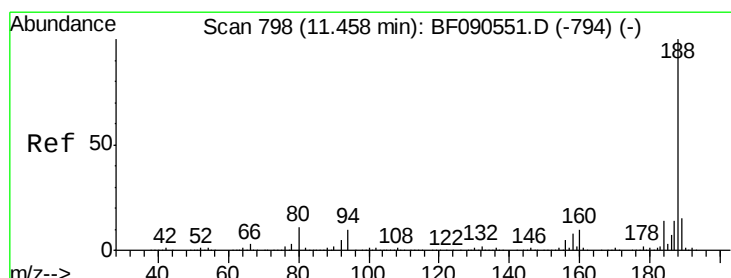
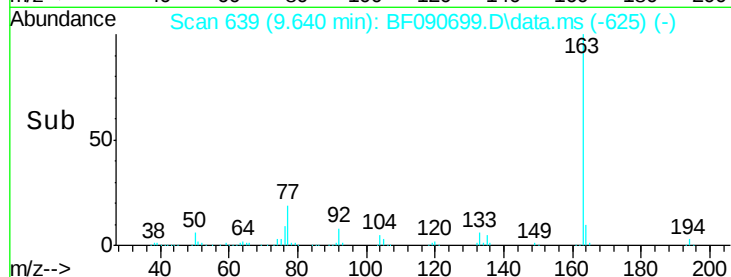
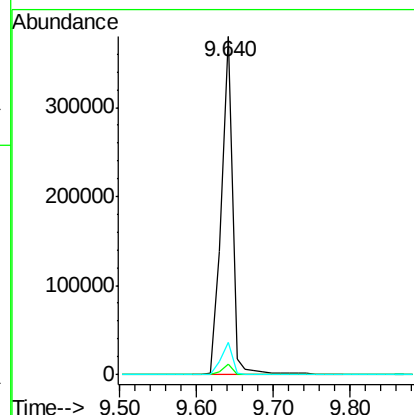
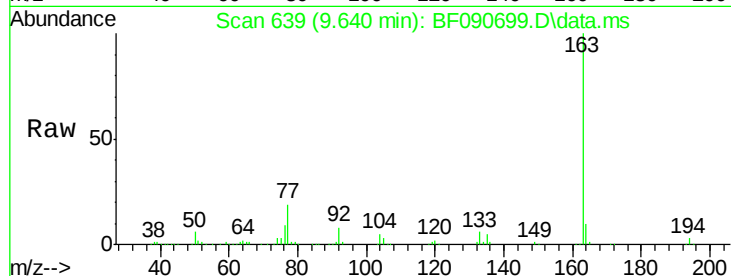
Tot Ion:163 Resp: 383576

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

164 9.5 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: BF090699.D

Acq: 20 Oct 2016 22:58

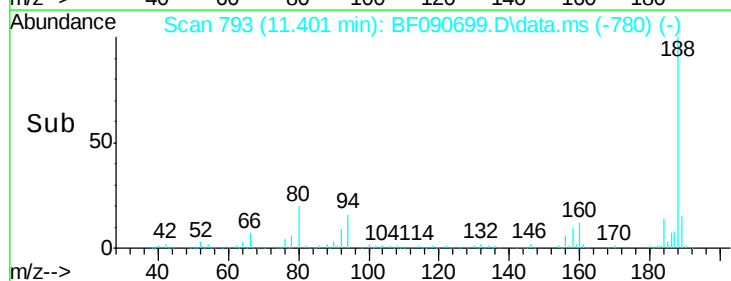
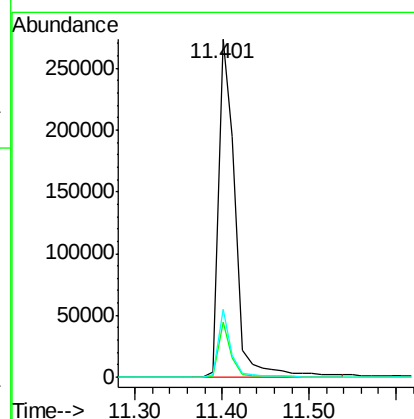
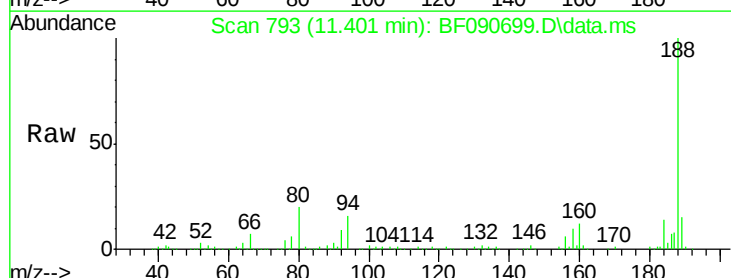
Tgt Ion:188 Resp: 369646

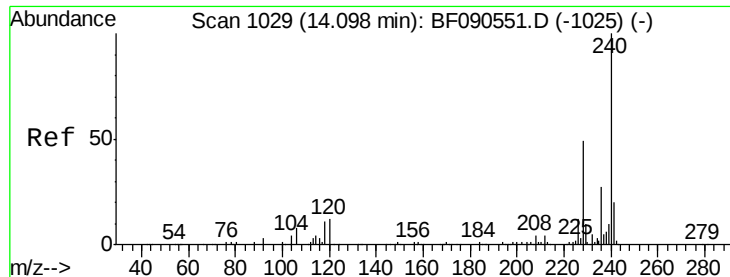
Ion Ratio Lower Upper

188 100

94 16.5 7.7 11.5#

80 20.3 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: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

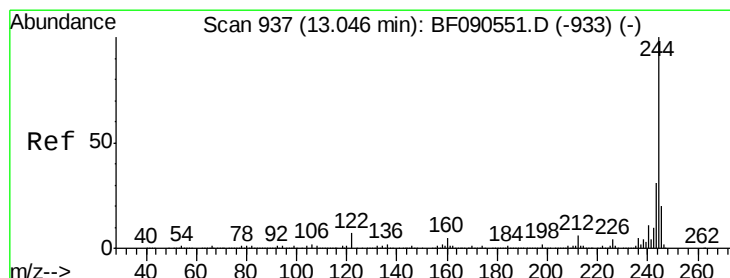
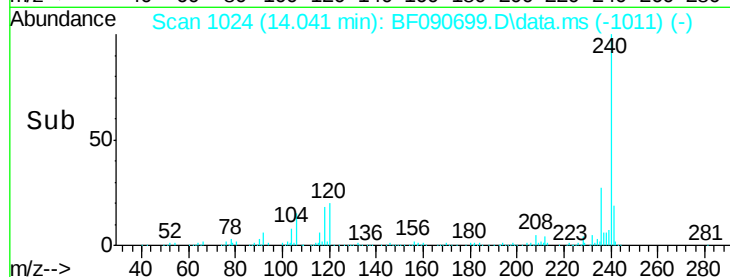
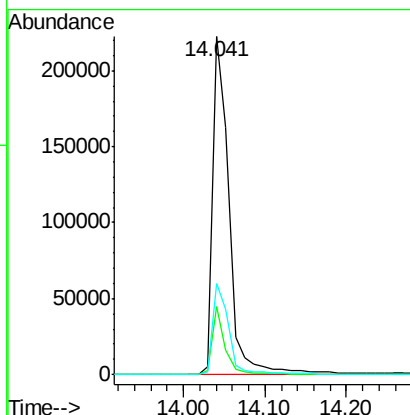
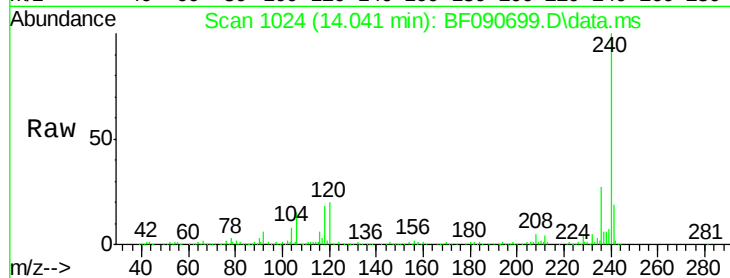
Tot Ion:240 Resp: 314103

Ion Ratio Lower Upper

240 100

120 20.2 9.8 14.8#

236 27.0 21.7 32.5



#78

Terphenyl-d14

Concen: 67.66 ng

RT: 12.989 min Scan# 932

Delta R.T. -0.046 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

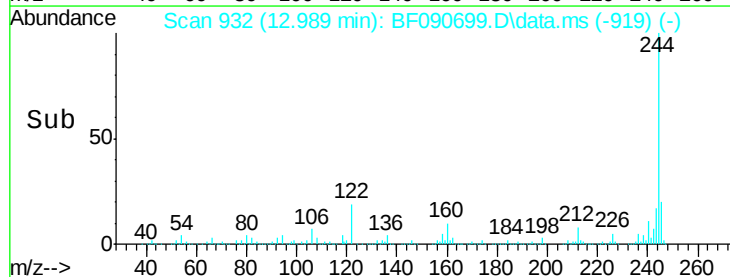
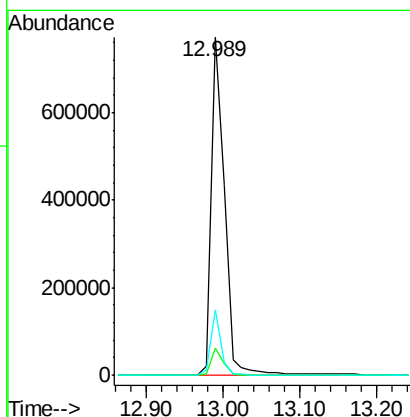
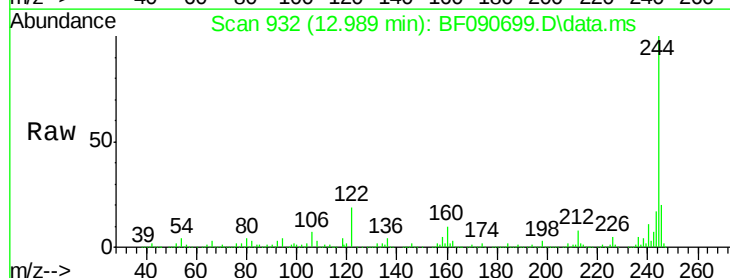
Tgt Ion:244 Resp: 912711

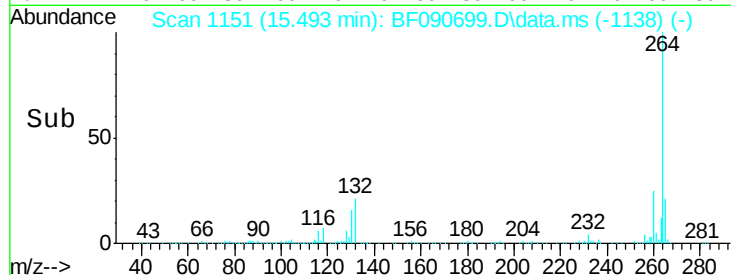
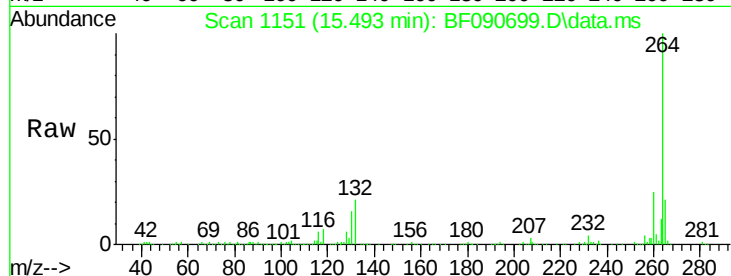
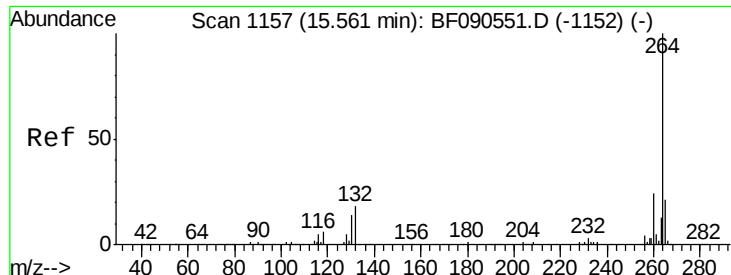
Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

122 19.4 5.6 8.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.493 min Scan# 11
 Delta R.T. -0.046 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.4	16.7	25.1

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 RMAB-SB06-16.5-17.0

