

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090609.D
 Acq On : 17 Oct 2016 16:00
 Operator : UM/SJ
 Sample : H5157-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)RE

Quant Time: Oct 17 16:35:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

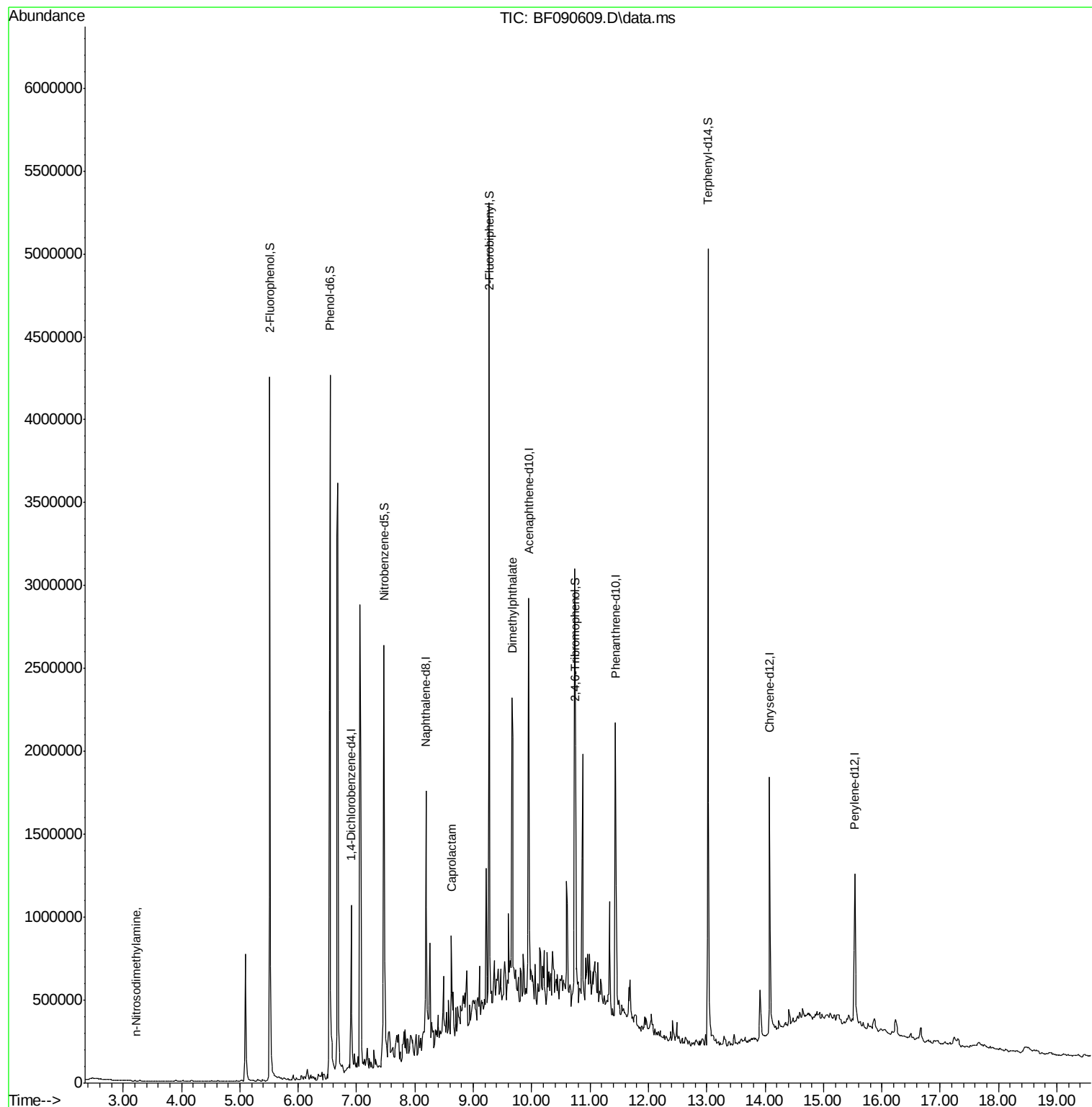
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	196537	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	837496	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	467798	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	776052	20.00	ng	-0.02
75) Chrysene-d12	14.075	240	627612	20.00	ng	-0.02
86) Perylene-d12	15.538	264	440150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1290095	120.34	ng	-0.01
7) Phenol-d6	6.543	99	1961008	123.10	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1056435	70.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.749	330	441553	105.87	ng	-0.01
44) 2-Fluorobiphenyl	9.275	172	1732893	61.04	ng	-0.01
78) Terphenyl-d14	13.024	244	1686142	62.55	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.228	42	1128	7.37	ng	# 1
35) Caprolactam	8.623	113	16952	5.95	ng	# 27
49) Dimethylphthalate	9.663	163	550520	18.14	ng	# 99

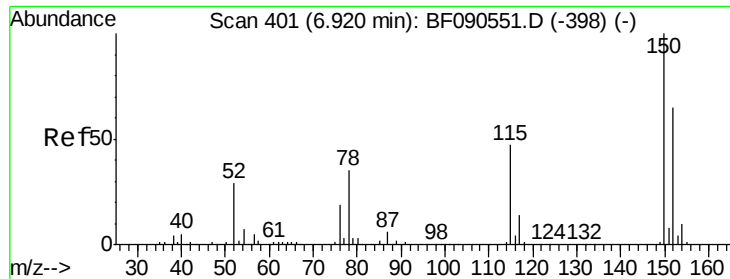
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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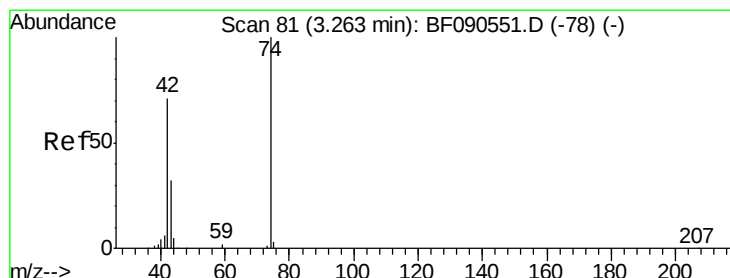
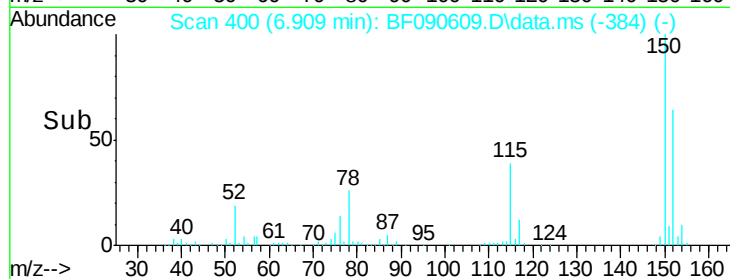
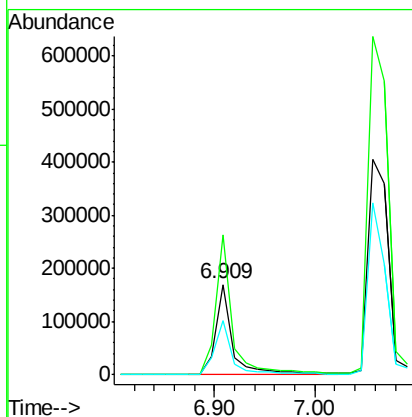
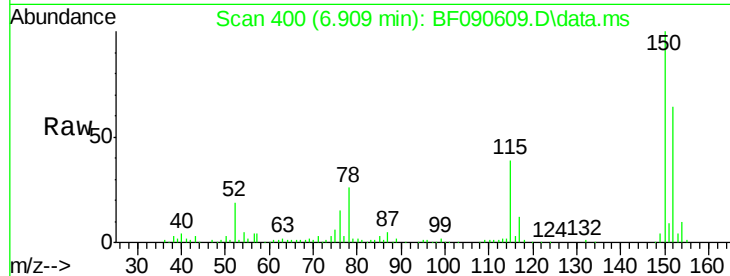




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.909 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090609.D
 Acq: 17 Oct 2016 16:00

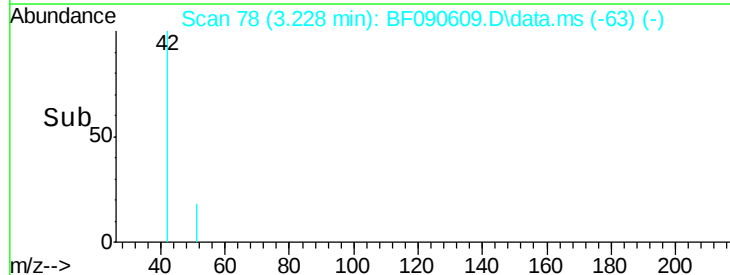
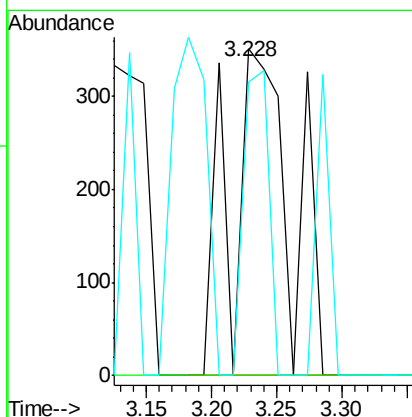
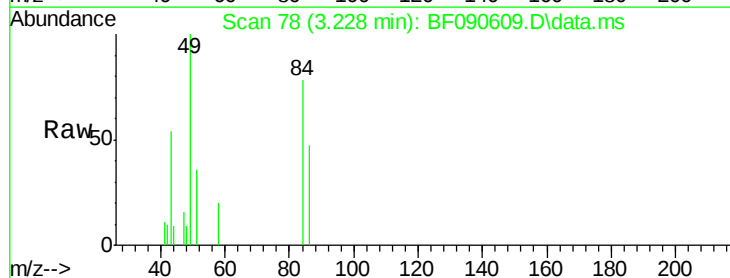
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)RE

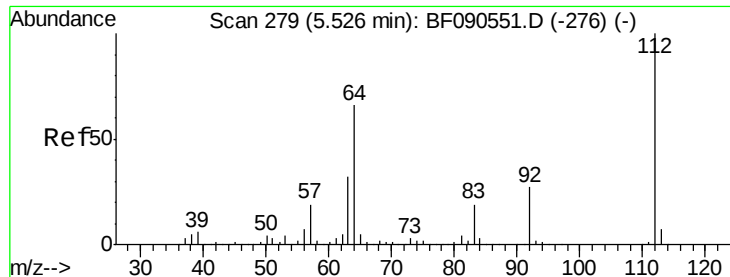
Tot Ion:152 Resp: 196537
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.2 190.8
 115 60.3 58.6 88.0



#4
 n-Nitrosodimethylamine
 Concen: 7.37 ng
 RT: 3.228 min Scan# 78
 Delta R.T. -0.034 min
 Lab File: BF090609.D
 Acq: 17 Oct 2016 16:00

Tgt Ion: 42 Resp: 1128
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 89.8 6.0 9.0#





#5

2-Fluorophenol

Concen: 120.34 ng

RT: 5.514 min Scan# 27

Delta R.T. -0.011 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

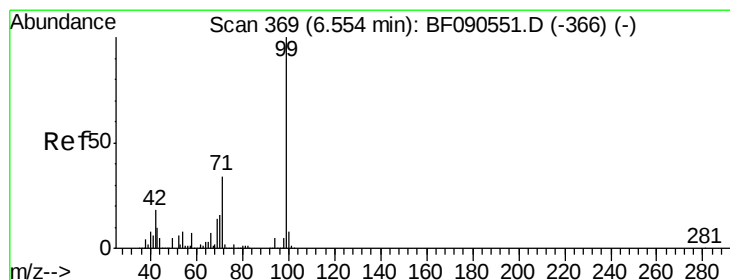
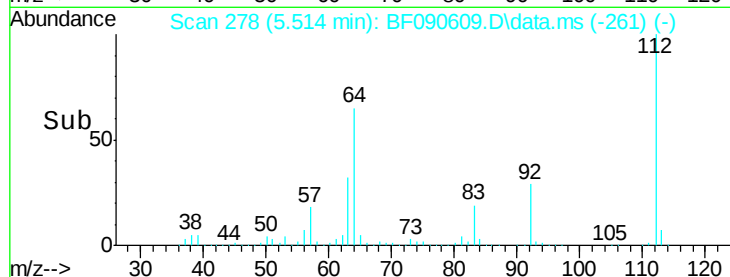
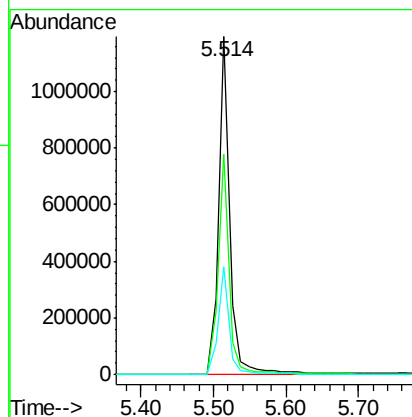
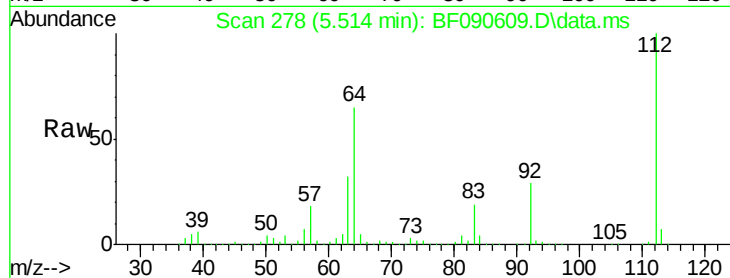
Tot Ion:112 Resp: 1290095

Ion Ratio Lower Upper

112 100

64 65.3 52.6 78.8

63 31.9 26.0 39.0



#7

Phenol-d6

Concen: 123.10 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

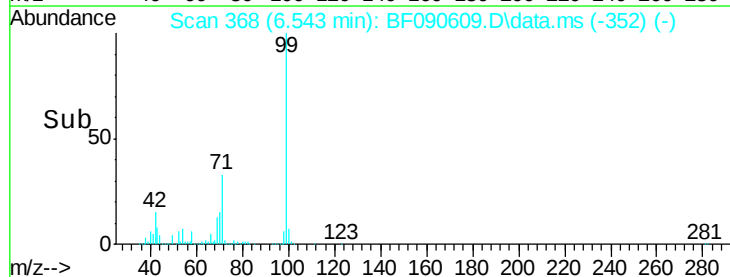
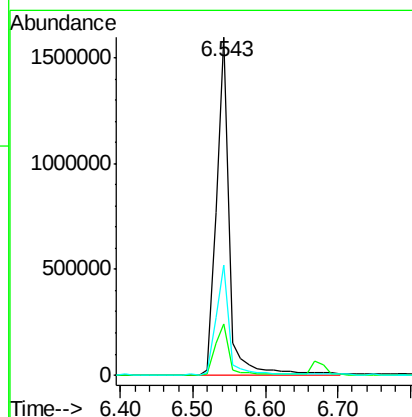
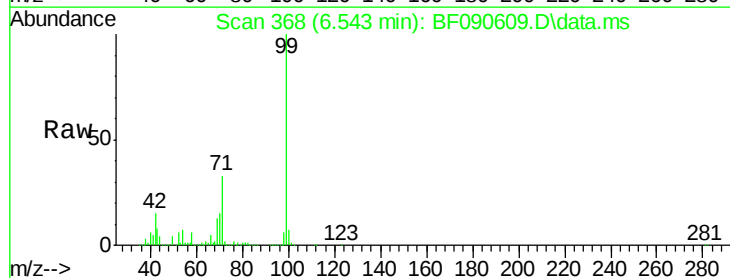
Tgt Ion: 99 Resp: 1961008

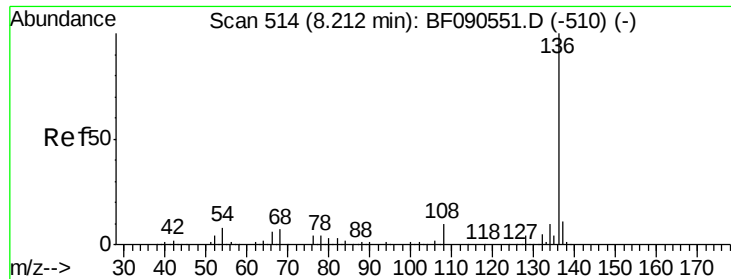
Ion Ratio Lower Upper

99 100

42 15.4 14.7 22.1

71 32.5 27.6 41.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.189 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

Tot Ion:136 Resp: 837496

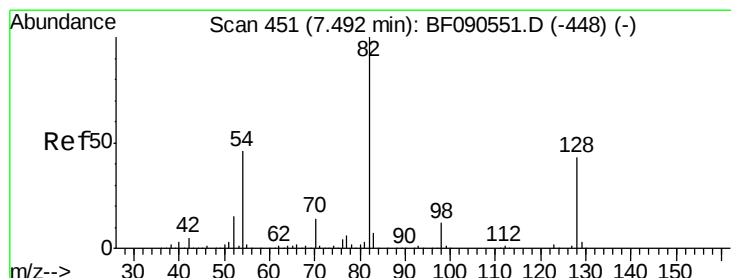
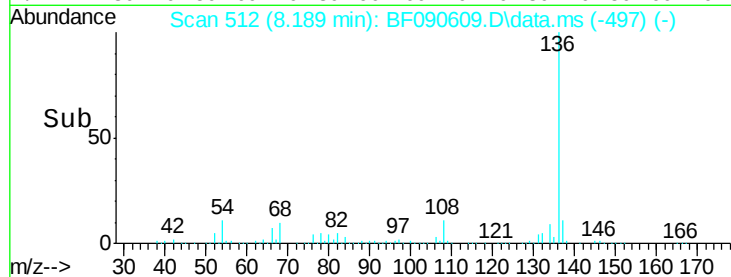
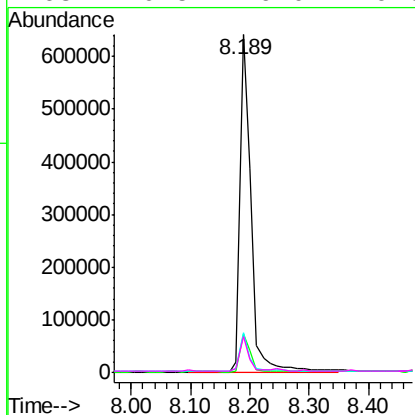
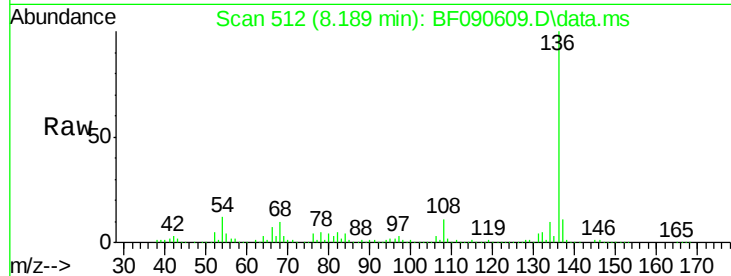
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 11.9 6.8 10.2#

68 10.5 6.0 9.0#



#23

Nitrobenzene-d5

Concen: 70.07 ng

RT: 7.469 min Scan# 449

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

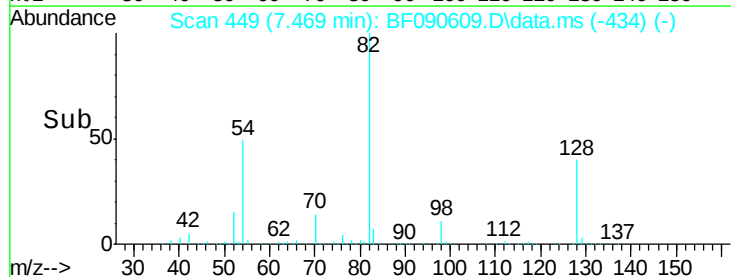
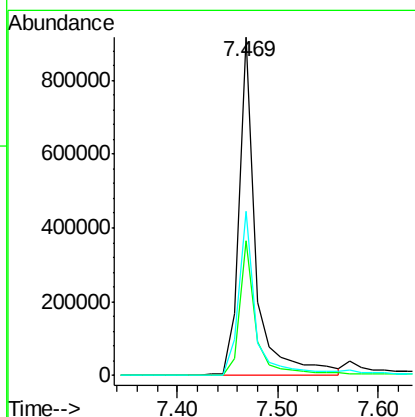
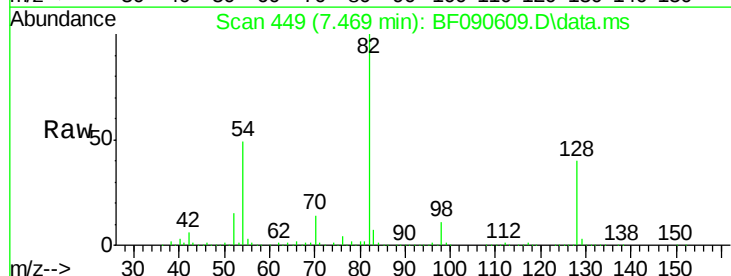
Tgt Ion: 82 Resp: 1056435

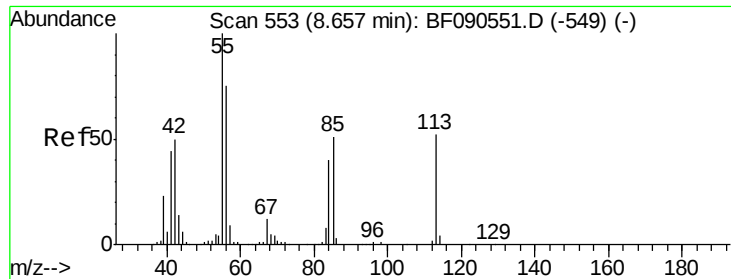
Ion Ratio Lower Upper

82 100

128 39.6 34.3 51.5

54 48.7 37.0 55.6





#35

Caprolactam

Concen: 5.95 ng

RT: 8.623 min Scan# 55

Delta R.T. -0.034 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

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MJSB-17(16-17)RE

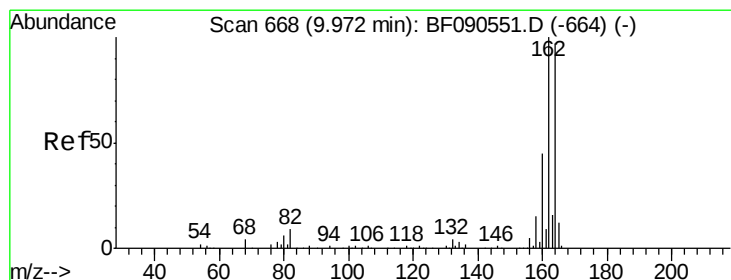
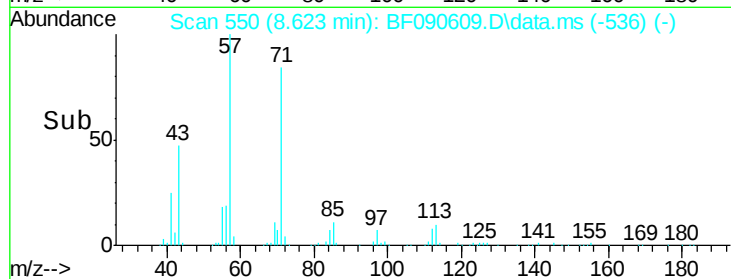
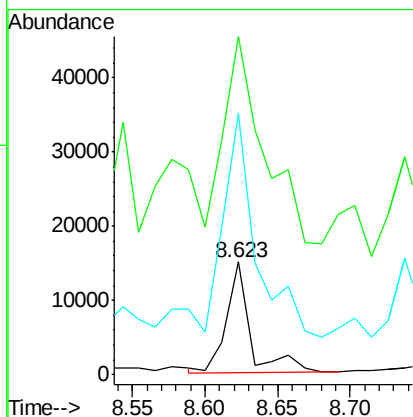
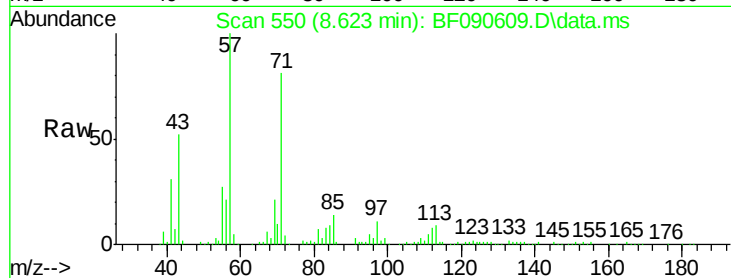
Tot Ion:113 Resp: 16952

Ion Ratio Lower Upper

113 100

55 300.0 170.8 210.8#

56 231.3 122.4 162.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.949 min Scan# 666

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

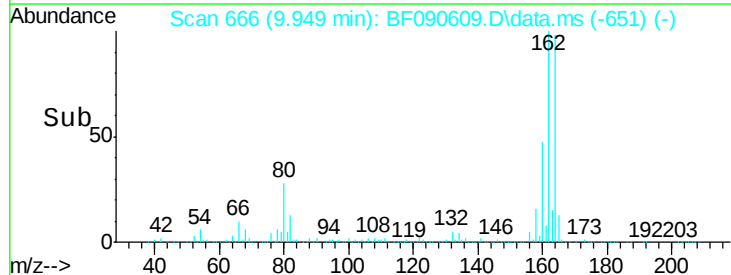
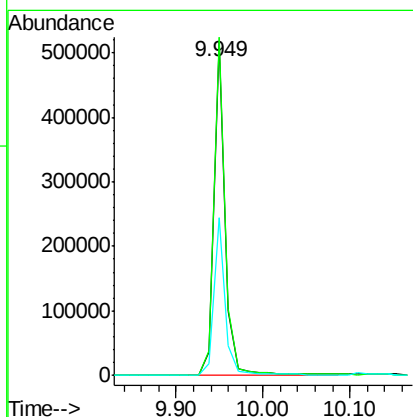
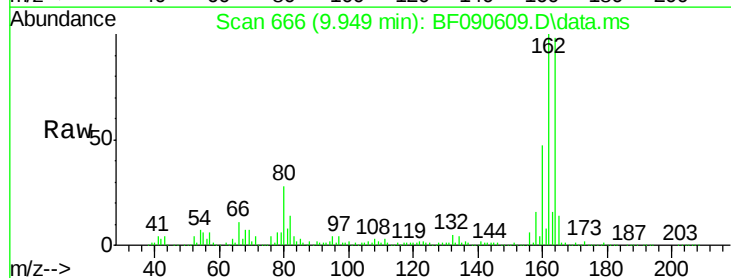
Tgt Ion:164 Resp: 467798

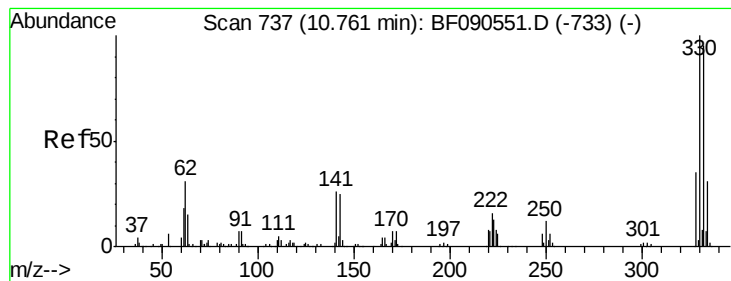
Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.4

160 47.4 36.6 55.0





#41

2,4,6-Tribromophenol

Concen: 105.87 ng

RT: 10.749 min Scan# 73

Delta R.T. -0.011 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

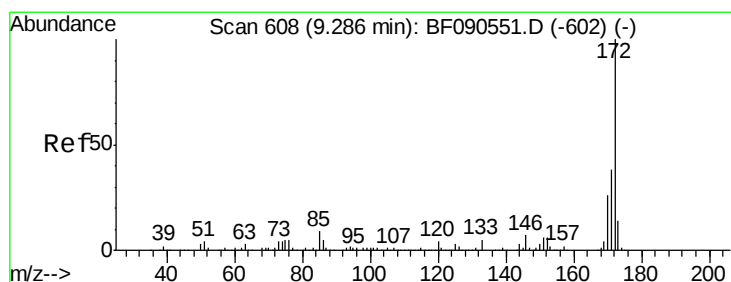
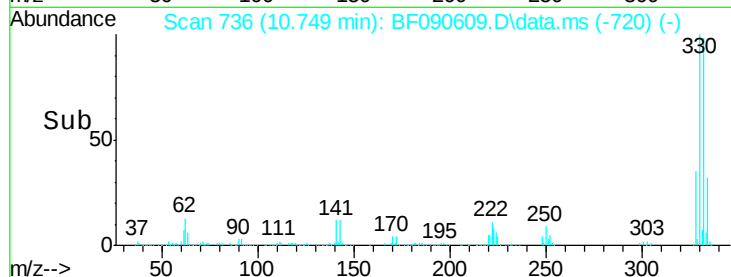
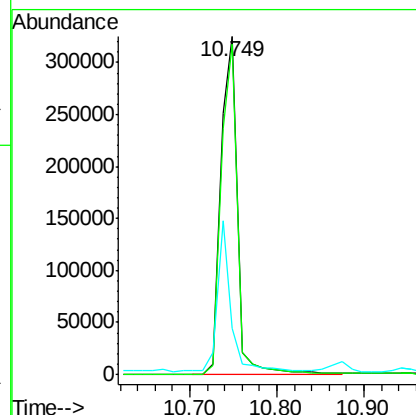
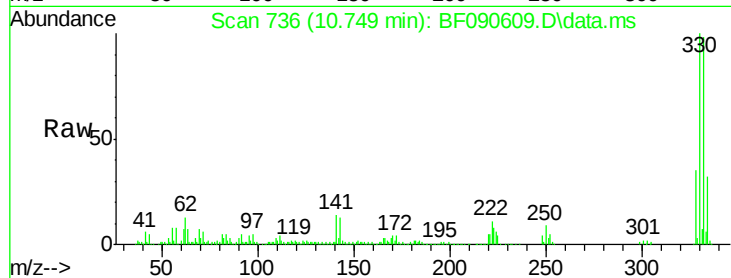
Tot Ion:330 Resp: 441553

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.2

141 34.7 31.4 47.2



#44

2-Fluorobiphenyl

Concen: 61.04 ng

RT: 9.275 min Scan# 607

Delta R.T. -0.011 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

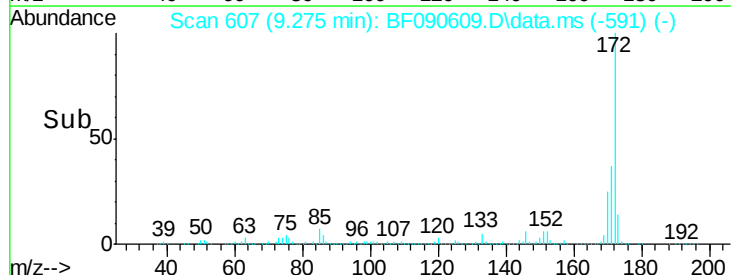
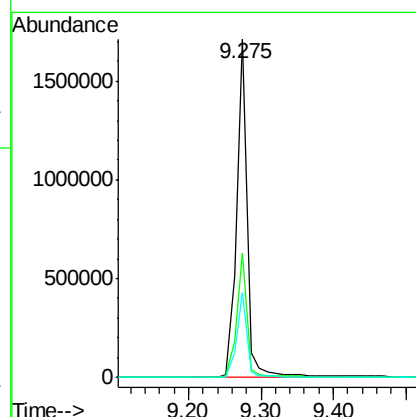
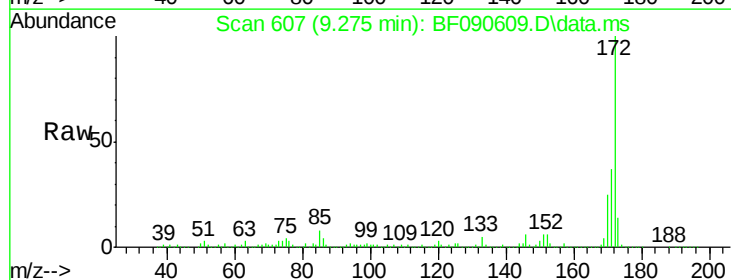
Tgt Ion:172 Resp: 1732893

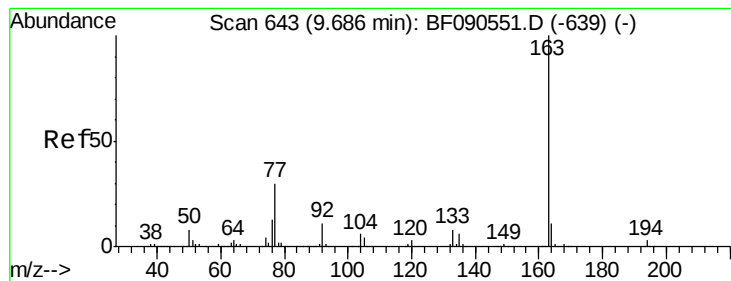
Ion Ratio Lower Upper

172 100

171 36.7 30.1 45.1

170 25.2 20.6 30.8





#49

Dimethylphthalate

Concen: 18.14 ng

RT: 9.663 min Scan# 64

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)RE

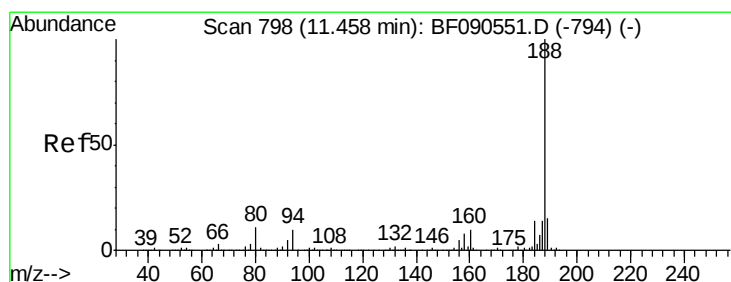
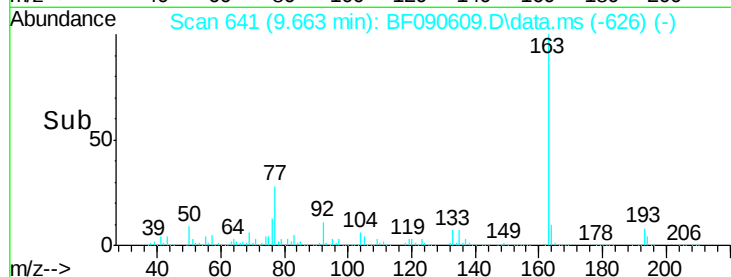
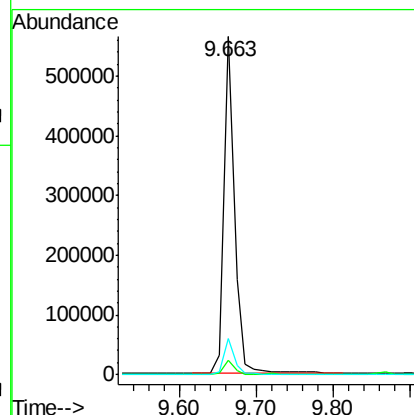
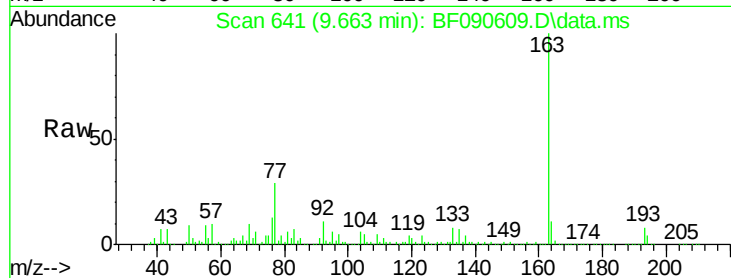
Tot Ion:163 Resp: 550520

Ion Ratio Lower Upper

163 100

194 4.2 2.3 3.5#

164 10.6 8.6 13.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.435 min Scan# 796

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

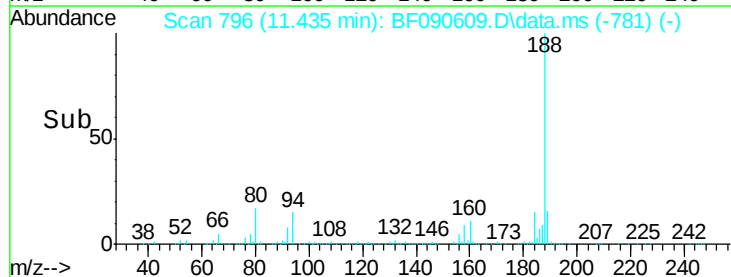
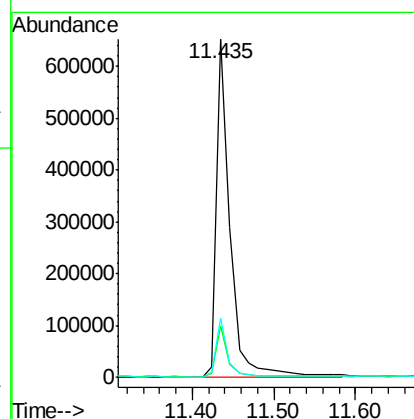
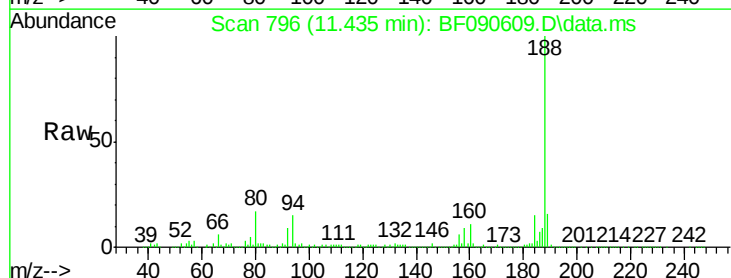
Tgt Ion:188 Resp: 776052

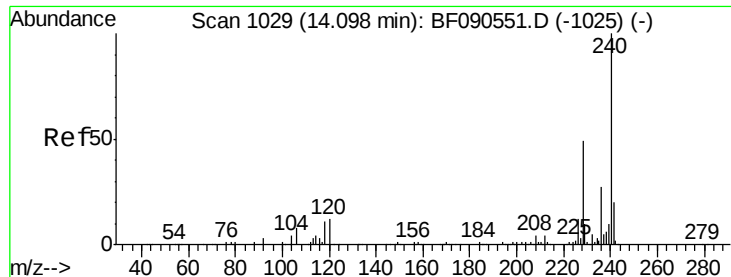
Ion Ratio Lower Upper

188 100

94 15.4 7.7 11.5#

80 17.4 8.6 12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.075 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

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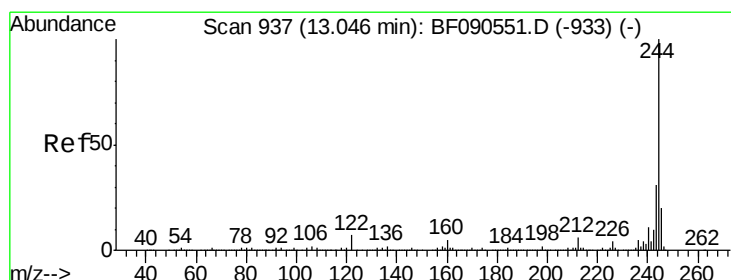
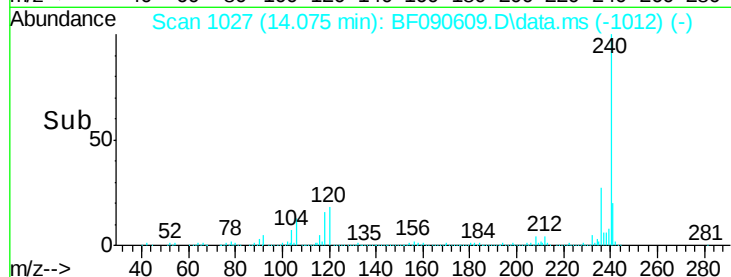
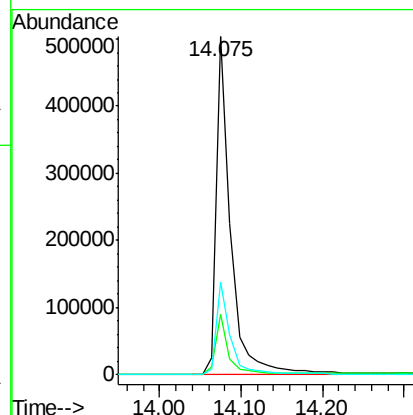
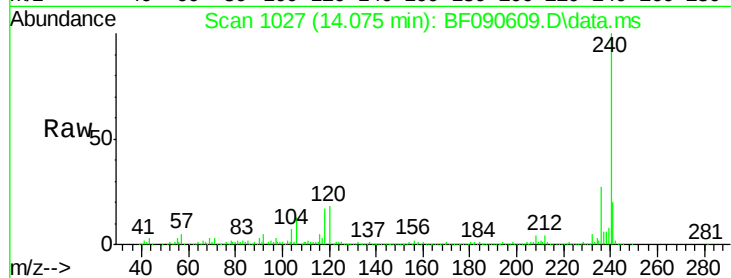
Tot Ion:240 Resp: 627612

Ion Ratio Lower Upper

240 100

120 17.8 9.8 14.8#

236 27.2 21.7 32.5



#78

Terphenyl-d14

Concen: 62.55 ng

RT: 13.024 min Scan# 935

Delta R.T. -0.023 min

Lab File: BF090609.D

Acq: 17 Oct 2016 16:00

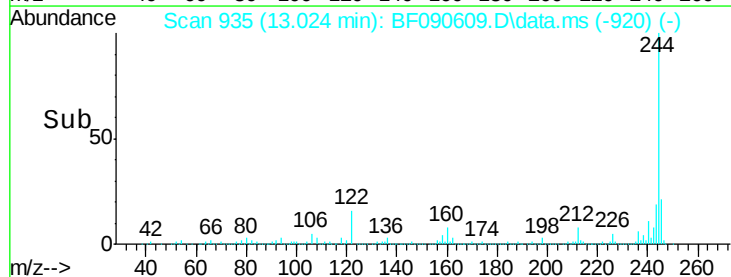
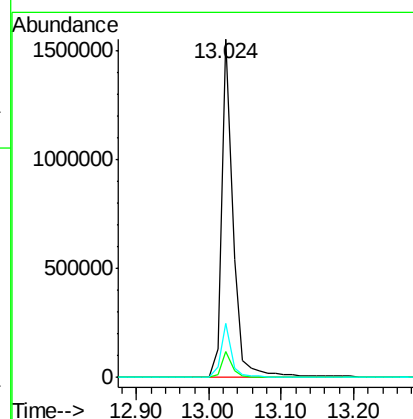
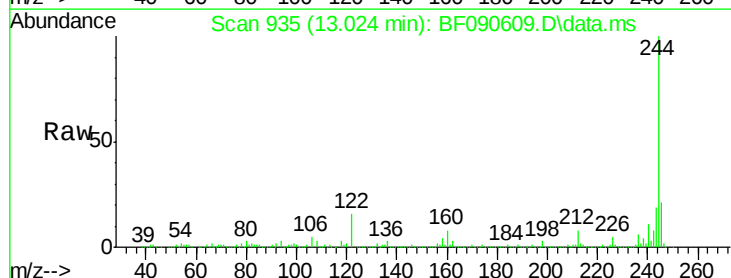
Tgt Ion:244 Resp: 1686142

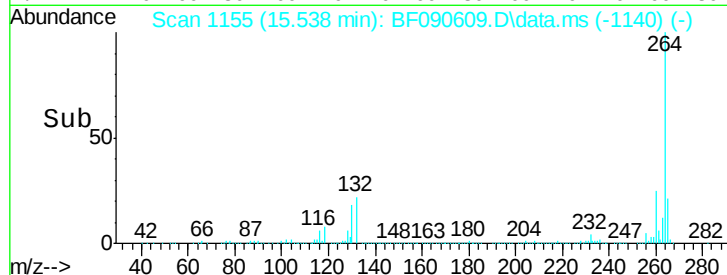
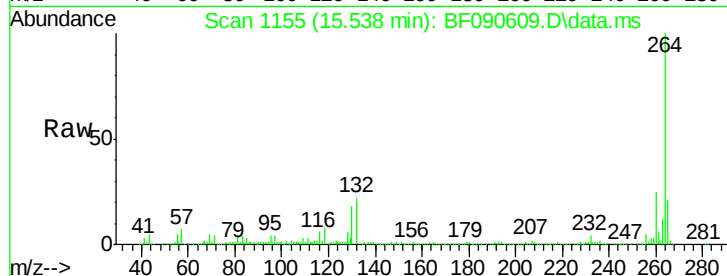
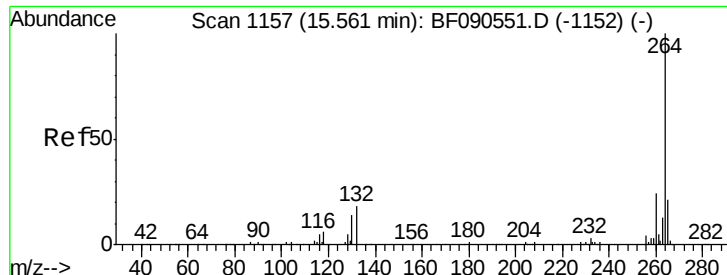
Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

122 15.8 5.6 8.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.538 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF090609.D
Acq: 17 Oct 2016 16:00

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.5	16.7	25.1

Instrument :
BNA_F
ClientSampleId :
MJSB-17(16-17)RE

