

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090612.D
 Acq On : 17 Oct 2016 17:22
 Operator : UM/SJ
 Sample : H5263-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-D

Quant Time: Oct 17 18:29:28 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

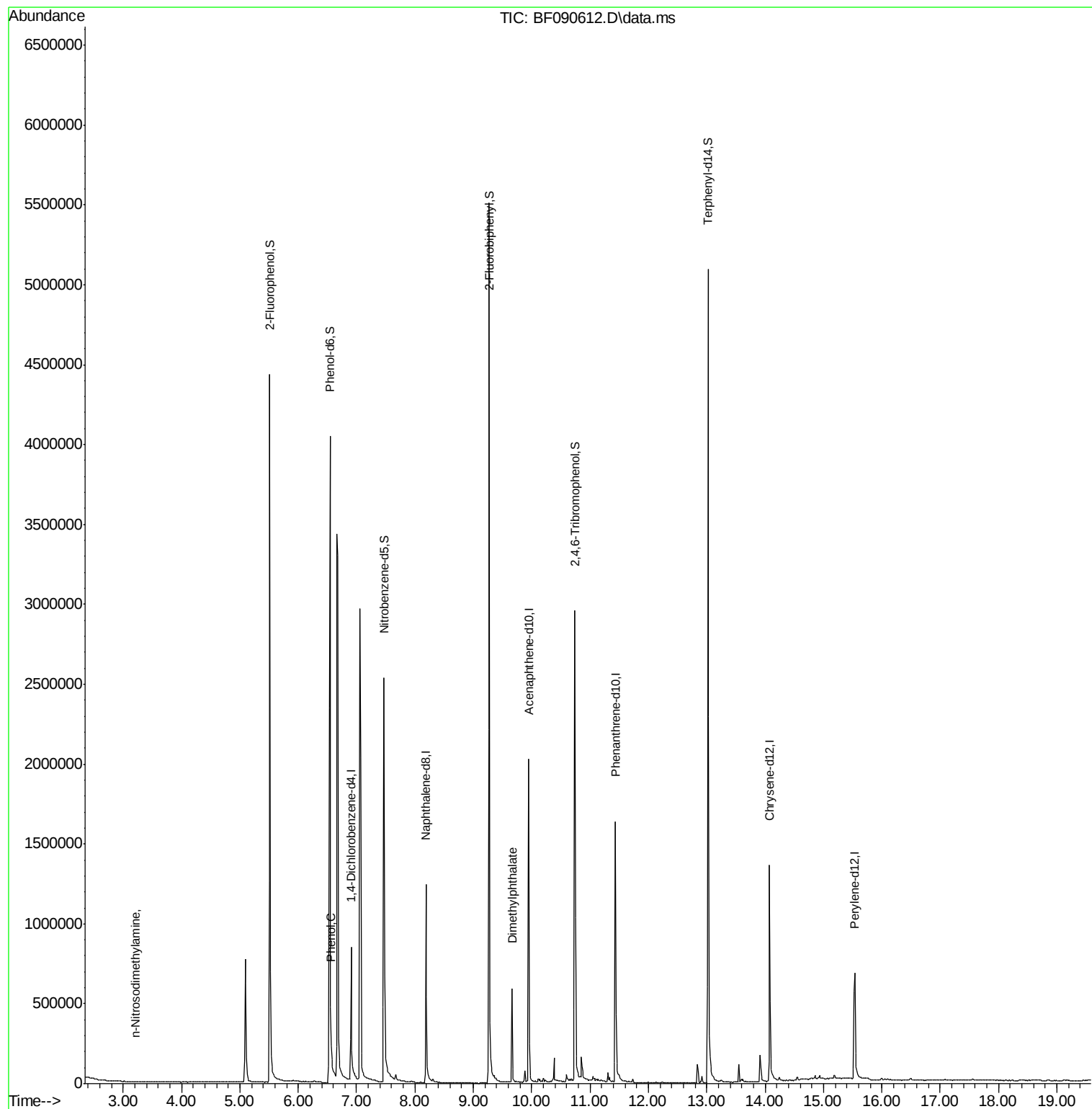
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	173597	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	745579	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	421177	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	668556	20.00	ng	-0.02
75) Chrysene-d12	14.075	240	552372	20.00	ng	-0.02
86) Perylene-d12	15.538	264	380083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1330041	140.46	ng	-0.01
7) Phenol-d6	6.543	99	1972688	140.20	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1144746	85.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.738	330	417831	111.27	ng	-0.02
44) 2-Fluorobiphenyl	9.275	172	2017689	78.93	ng	-0.01
78) Terphenyl-d14	13.024	244	2000053	84.31	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.205	42	498	7.27	ng	Qvalue # 1
10) Phenol	6.554	94	36775	2.29	ng	89
49) Dimethylphthalate	9.663	163	243738	8.92	ng	98

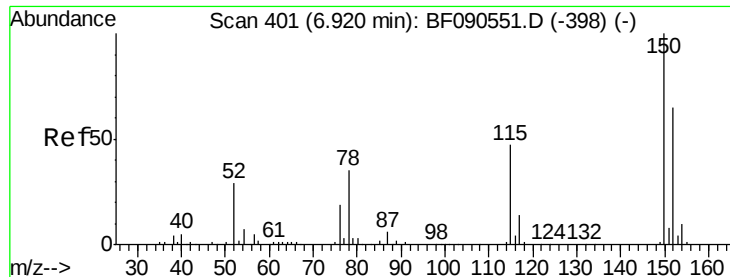
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

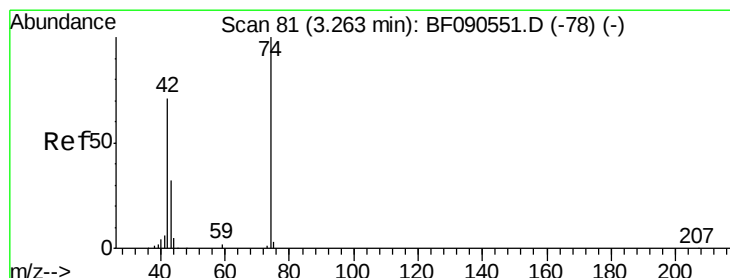
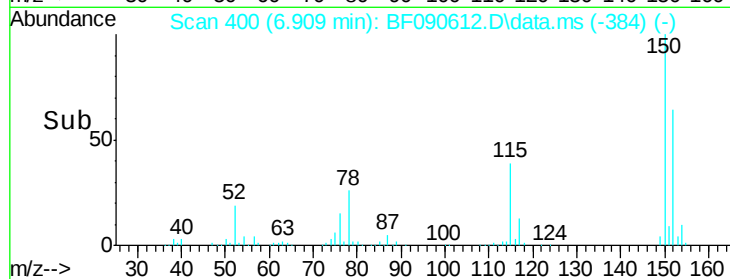
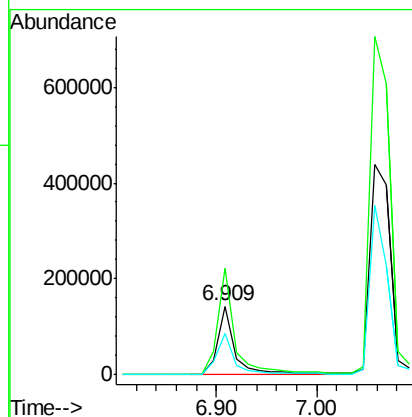
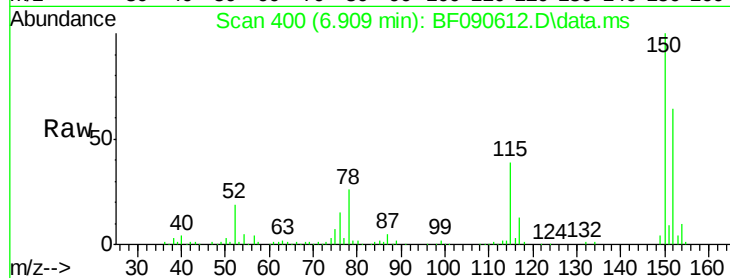
Tot Ion:152 Resp: 173597

Ion Ratio Lower Upper

152 100

150 155.1 127.2 190.8

115 60.7 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.27 ng

RT: 3.205 min Scan# 76

Delta R.T. -0.057 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

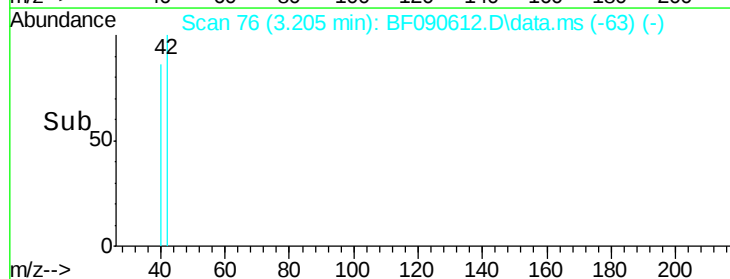
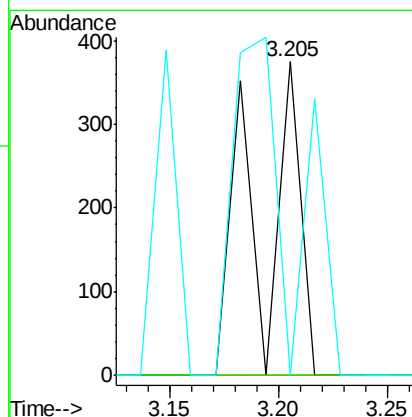
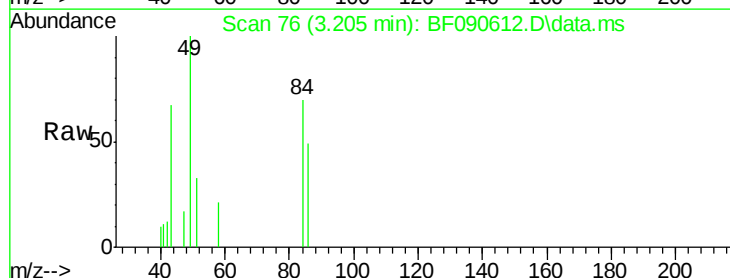
Tgt Ion: 42 Resp: 498

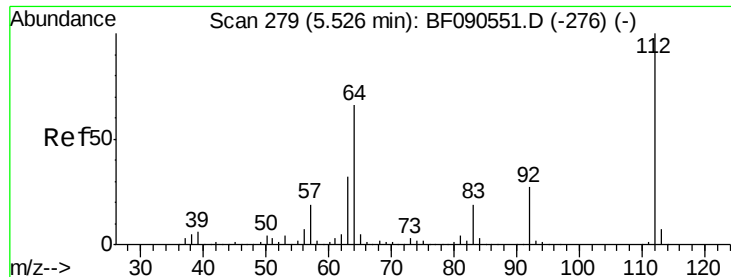
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 140.46 ng

RT: 5.514 min Scan# 27

Delta R.T. -0.011 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

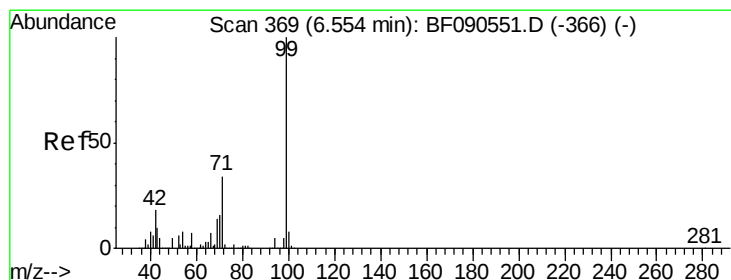
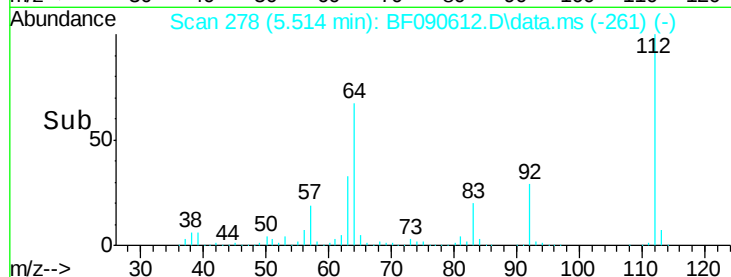
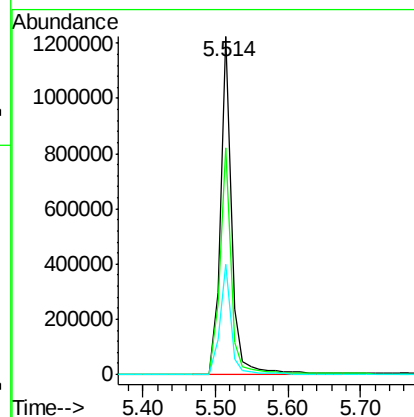
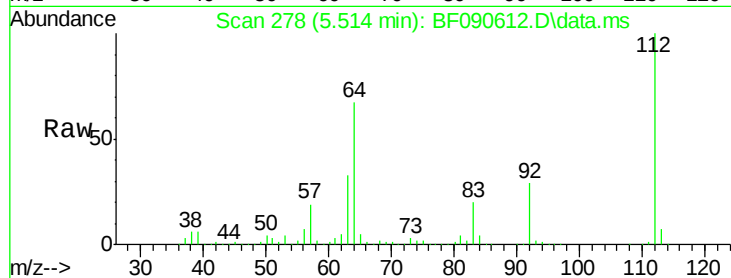
Tot Ion:112 Resp: 1330041

Ion Ratio Lower Upper

112 100

64 67.0 52.6 78.8

63 32.7 26.0 39.0



#7

Phenol-d6

Concen: 140.20 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

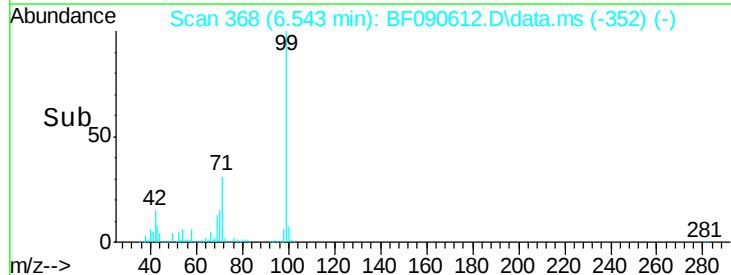
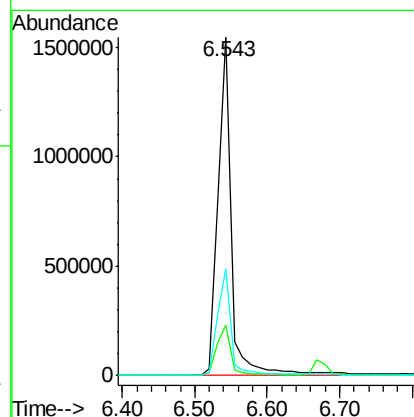
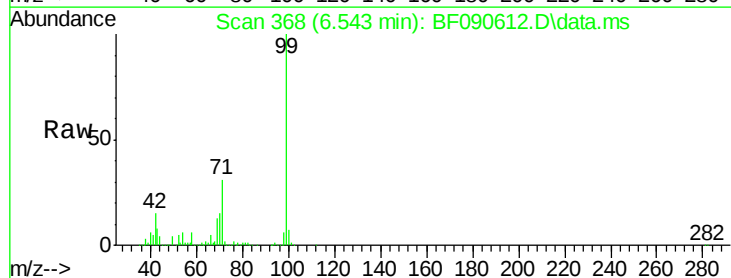
Tgt Ion: 99 Resp: 1972688

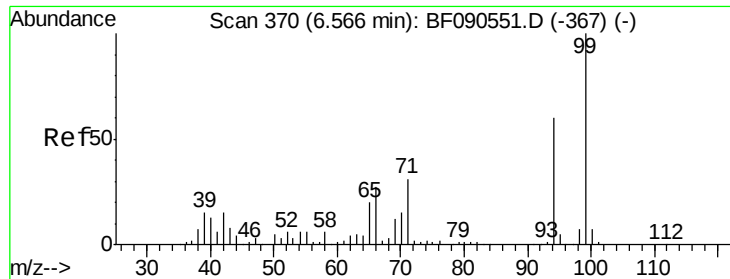
Ion Ratio Lower Upper

99 100

42 14.7 14.7 22.1#

71 31.5 27.6 41.4





#10

Phenol

Concen: 2.29 ng

RT: 6.554 min Scan# 36

Delta R.T. -0.011 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

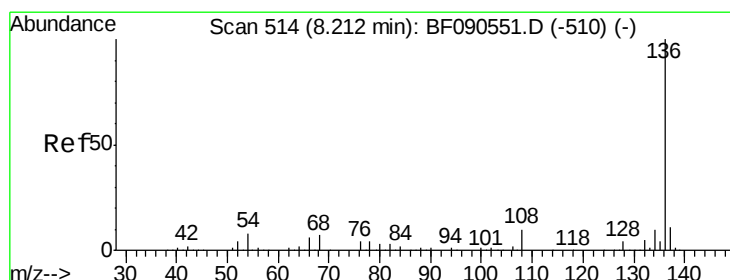
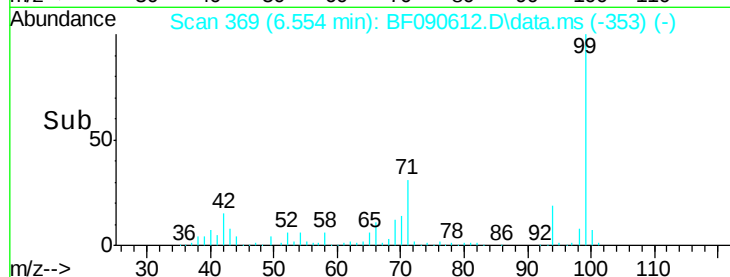
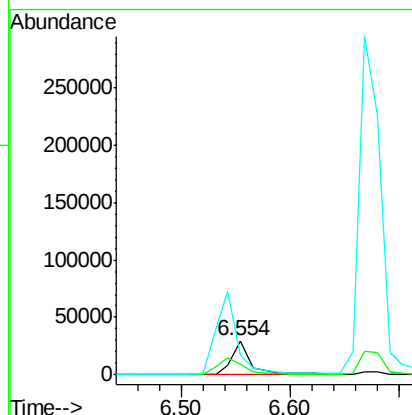
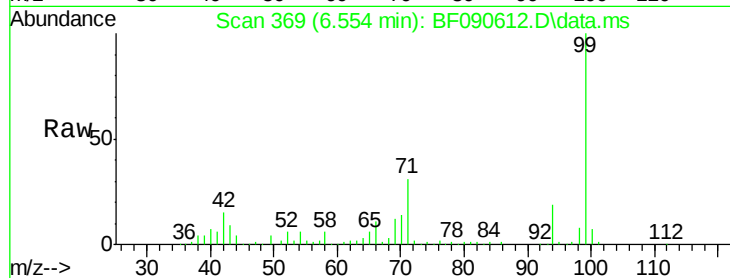
Tot Ion: 94 Resp: 36775

Ion Ratio Lower Upper

94 100

65 30.0 12.5 52.5

66 56.2 25.5 65.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.189 min Scan# 512

Delta R.T. -0.023 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Tgt Ion: 136 Resp: 745579

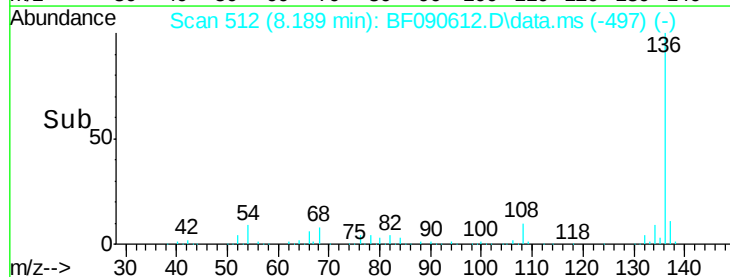
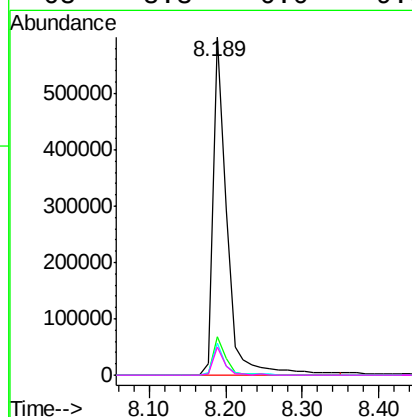
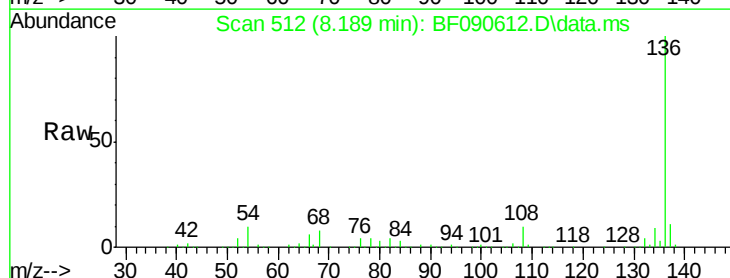
Ion Ratio Lower Upper

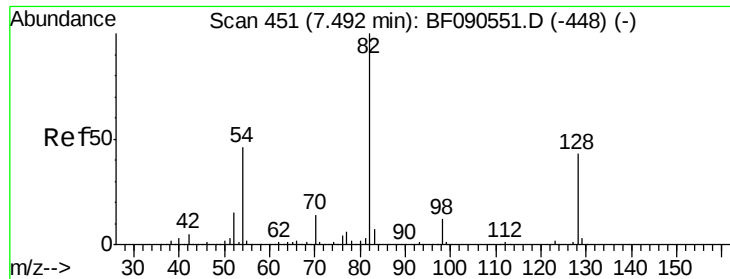
136 100

137 11.3 8.8 13.2

54 9.5 6.8 10.2

68 8.3 6.0 9.0





#23

Nitrobenzene-d5

Concen: 85.29 ng

RT: 7.469 min Scan# 44

Delta R.T. -0.023 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

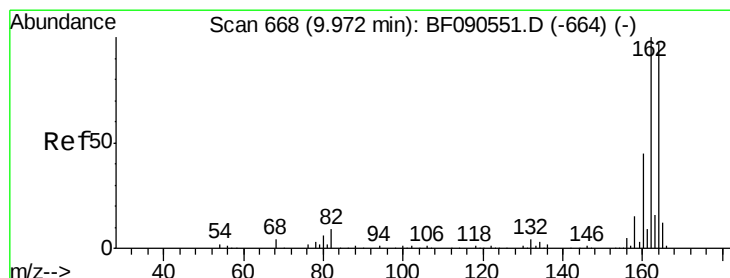
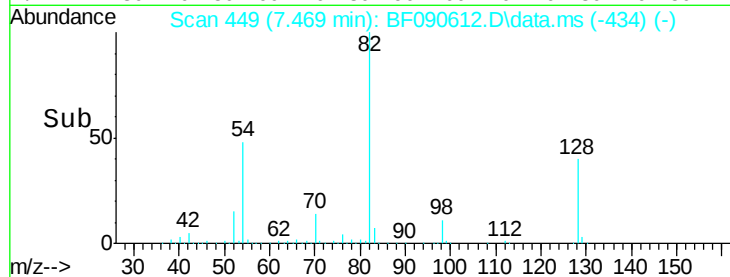
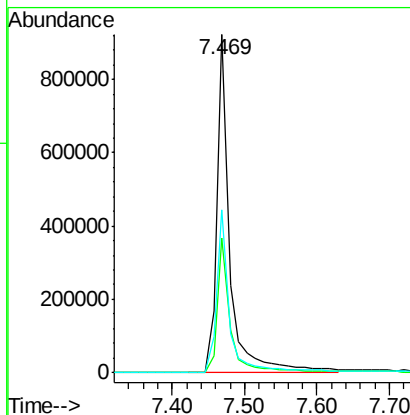
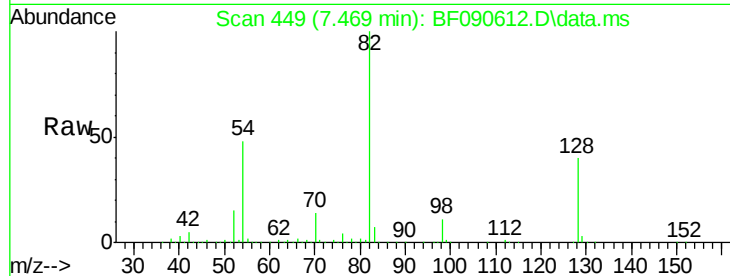
Tot Ion: 82 Resp: 1144746

Ion Ratio Lower Upper

82 100

128 39.7 34.3 51.5

54 48.0 37.0 55.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.949 min Scan# 666

Delta R.T. -0.023 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

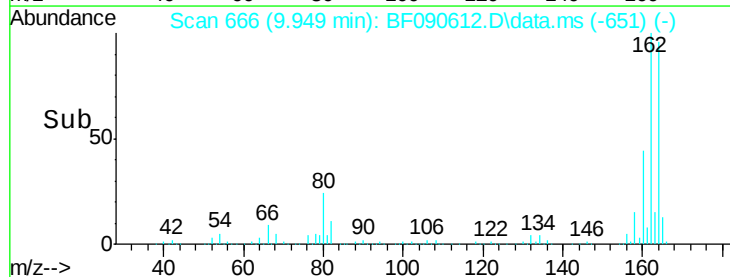
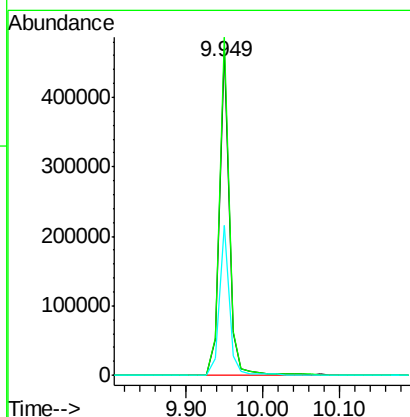
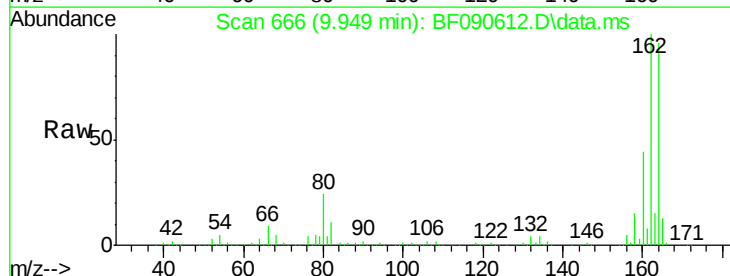
Tgt Ion:164 Resp: 421177

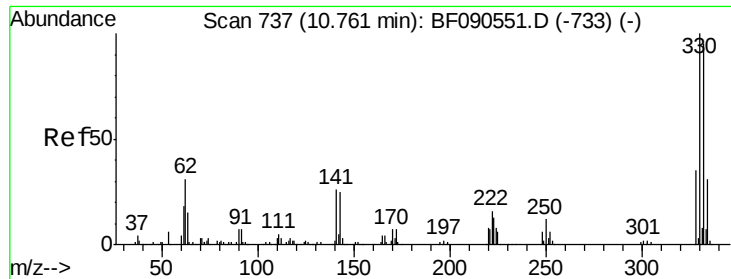
Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

160 46.1 36.6 55.0

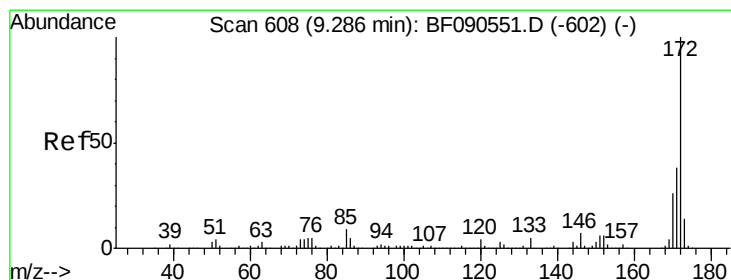
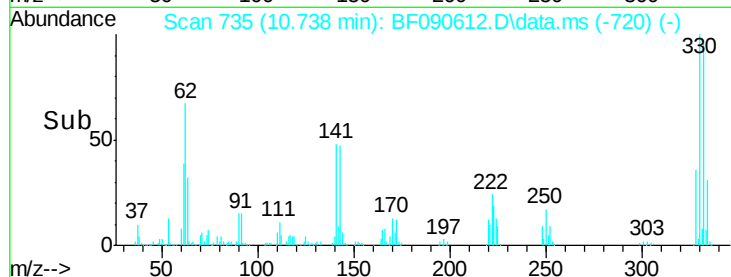
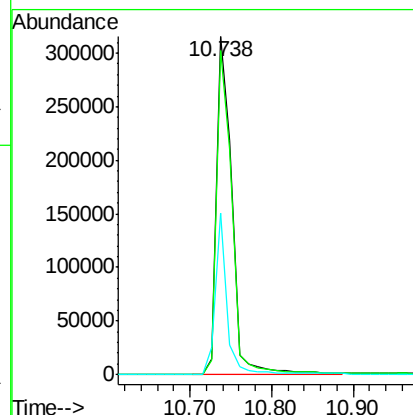
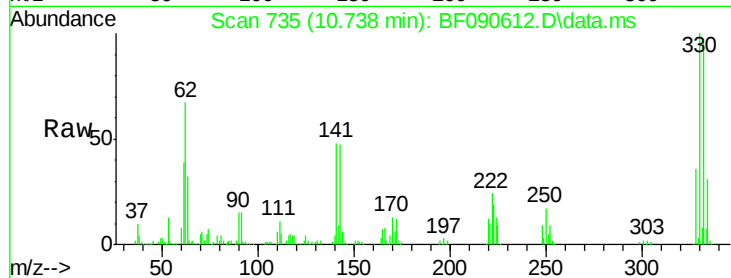




#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 10.738 min Scan# 73
 Delta R.T. -0.023 min
 Lab File: BF090612.D
 Acq: 17 Oct 2016 17:22

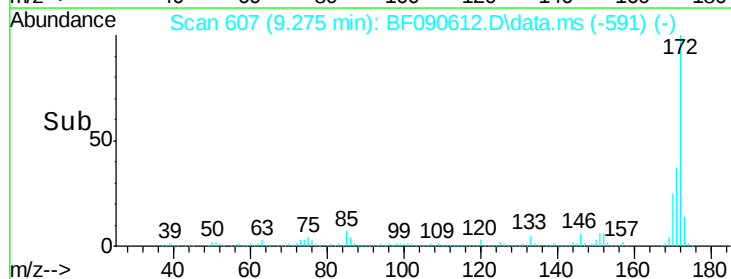
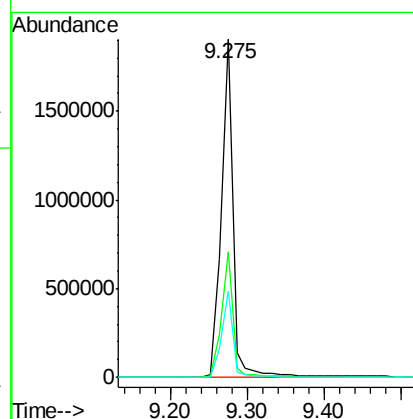
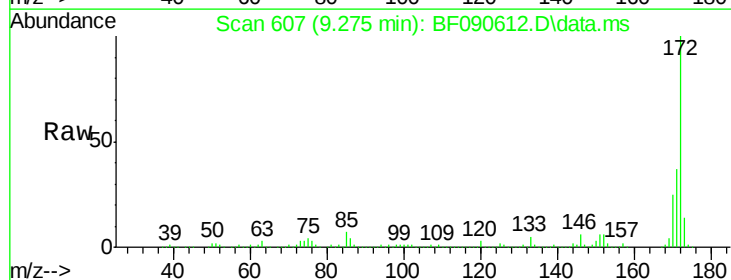
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-D

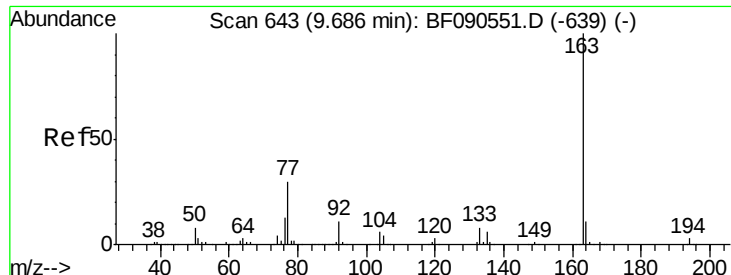
Tot Ion:330 Resp: 417831
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.2
 141 37.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 78.93 ng
 RT: 9.275 min Scan# 607
 Delta R.T. -0.011 min
 Lab File: BF090612.D
 Acq: 17 Oct 2016 17:22

Tgt Ion:172 Resp: 2017689
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 25.4 20.6 30.8

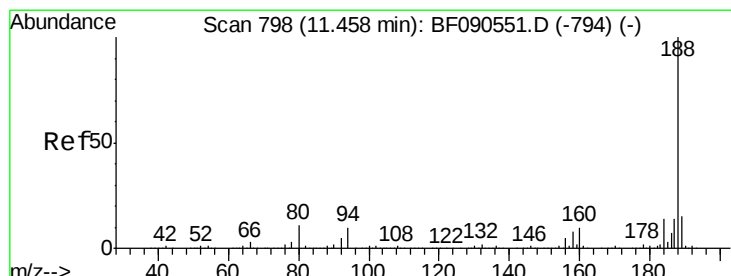
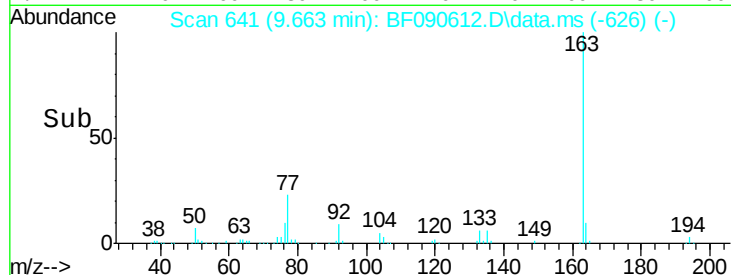
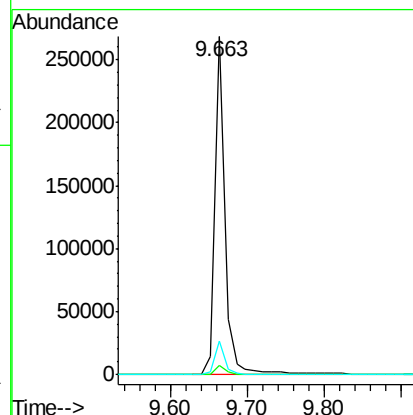
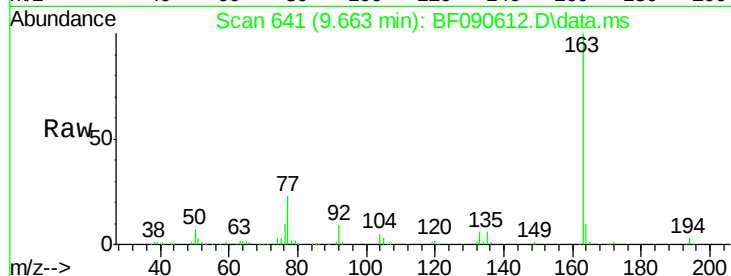




#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.663 min Scan# 64
Delta R.T. -0.023 min
Lab File: BF090612.D
Acq: 17 Oct 2016 17:22

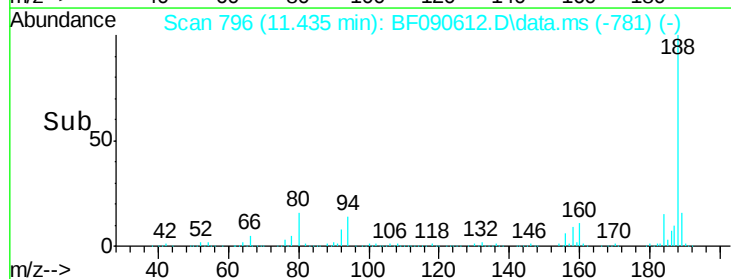
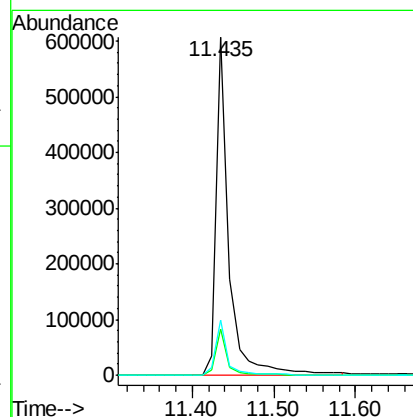
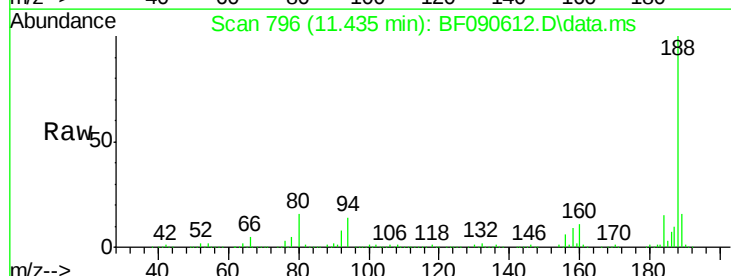
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-D

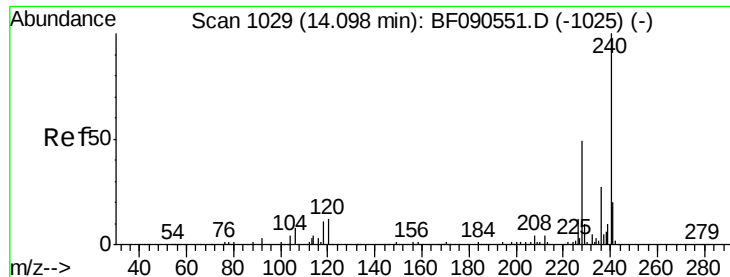
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.3	3.5
164	10.0	8.6	13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.435 min Scan# 796
Delta R.T. -0.023 min
Lab File: BF090612.D
Acq: 17 Oct 2016 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	7.7	11.5#
80	16.4	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: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

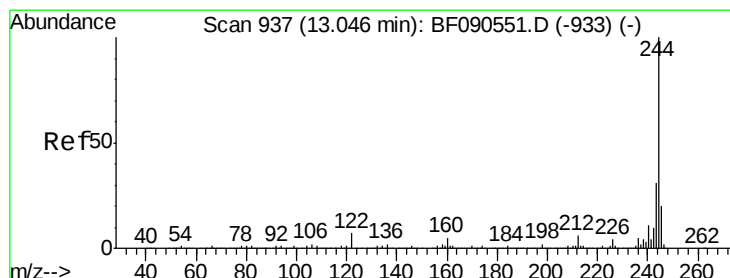
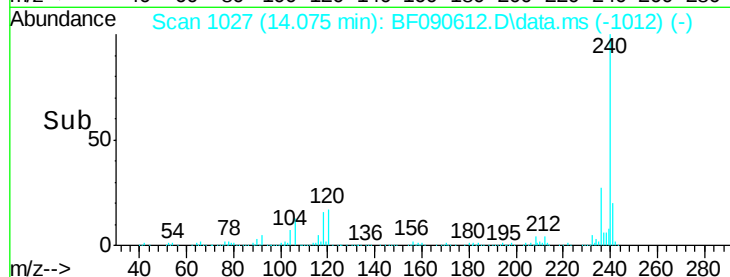
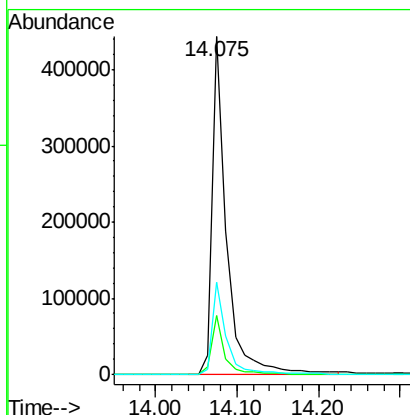
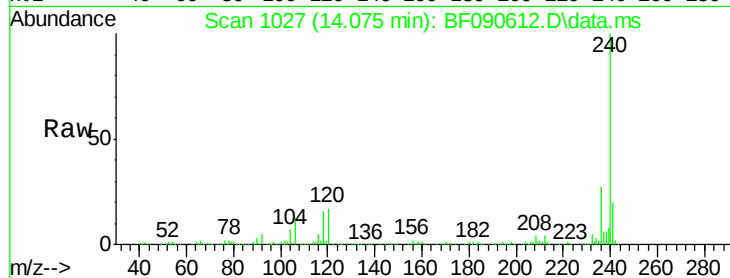
Tot Ion:240 Resp: 552372

Ion Ratio Lower Upper

240 100

120 17.5 9.8 14.8#

236 27.3 21.7 32.5



#78

Terphenyl-d14

Concen: 84.31 ng

RT: 13.024 min Scan# 935

Delta R.T. -0.023 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

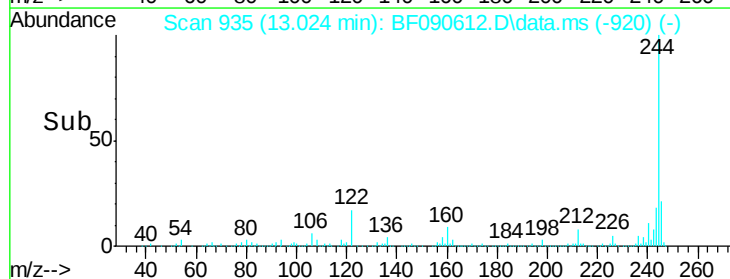
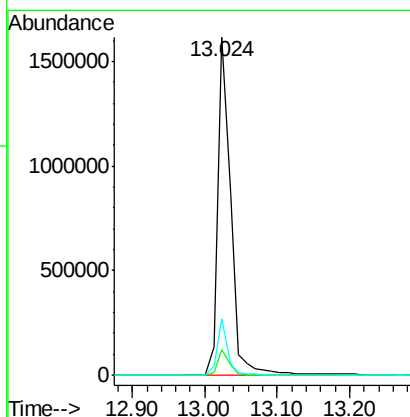
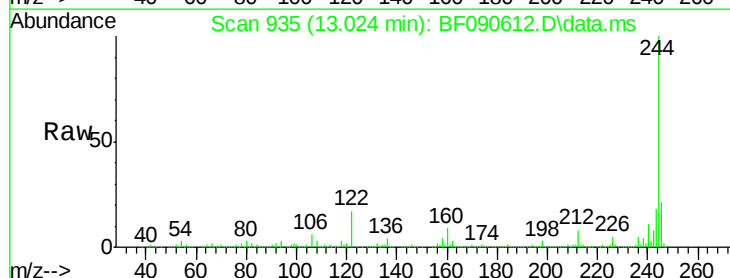
Tgt Ion:244 Resp: 2000053

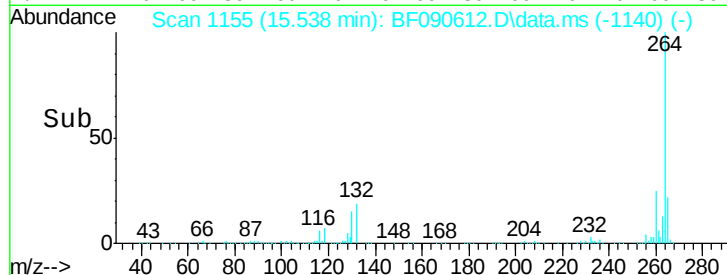
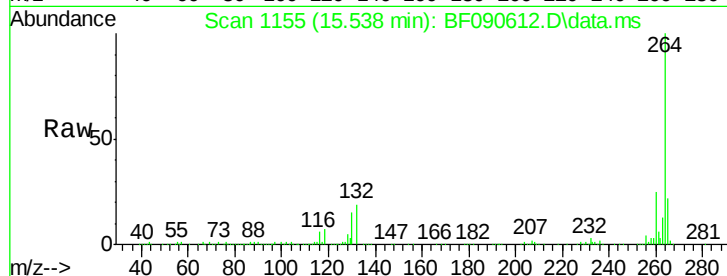
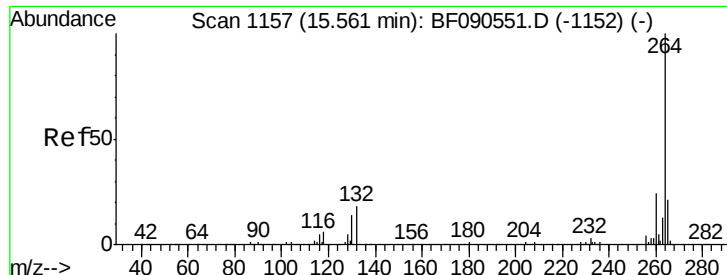
Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

122 16.6 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: BF090612.D
 Acq: 17 Oct 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-D

Tot Ion:	264	Resp:	380083
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.3	28.9
265	21.7	16.7	25.1

