

Data Path : Z:\HPCHEM1\BNA F\Data\BF102616\
 Data File : BF090846.D
 Acq On : 26 Oct 2016 18:07
 Operator : UM/SJ
 Sample : H5308-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

Quant Time: Oct 27 09:09:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

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

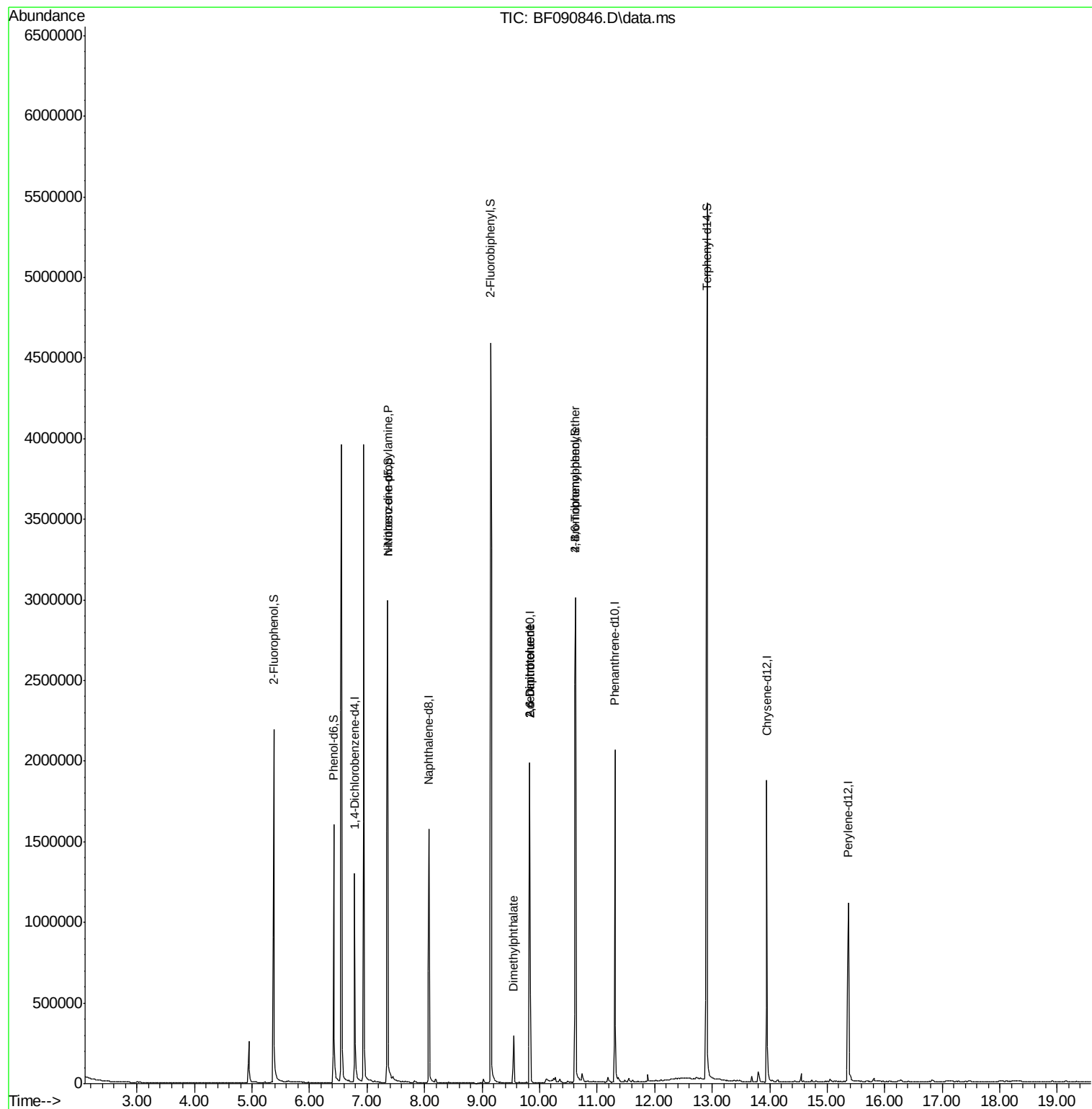
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.784	152	205936	20.00	ng	-0.01
21) Naphthalene-d8	8.076	136	868423	20.00	ng	-0.01
38) Acenaphthene-d10	9.825	164	441416	20.00	ng	-0.02
63) Phenanthrene-d10	11.311	188	741222	20.00	ng	-0.01
75) Chrysene-d12	13.951	240	654338	20.00	ng	-0.01
86) Perylene-d12	15.368	264	527039	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	731456	62.10	ng	-0.01
7) Phenol-d6	6.419	99	581805	36.61	ng	-0.02
23) Nitrobenzene-d5	7.356	82	1342196	101.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.625	330	611267	134.75	ng	-0.01
44) 2-Fluorobiphenyl	9.150	172	2186164	86.97	ng	-0.02
78) Terphenyl-d14	12.911	244	2398831	92.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.356	70	182339	19.85	ng	# 52
49) Dimethylphthalate	9.550	163	134476	4.56	ng	# 96
50) 2,6-Dinitrotoluene	9.825	165	56961	8.75	ng	# 39
56) 2,4-Dinitrotoluene	9.825	165	56954	7.04	ng	# 33
66) 4-Bromophenyl-phenylether	10.625	248	41468	5.11	ng	# 1

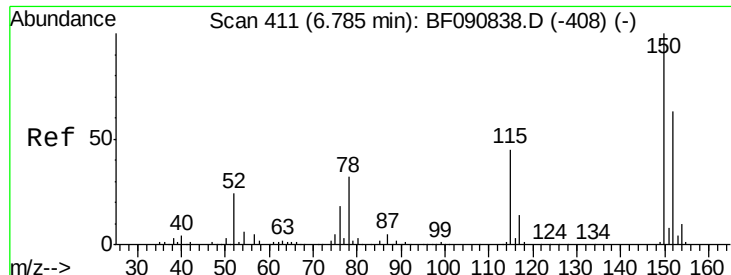
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 16:35:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.784 min Scan# 41

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

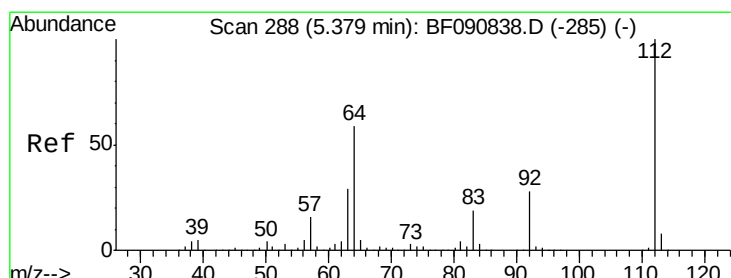
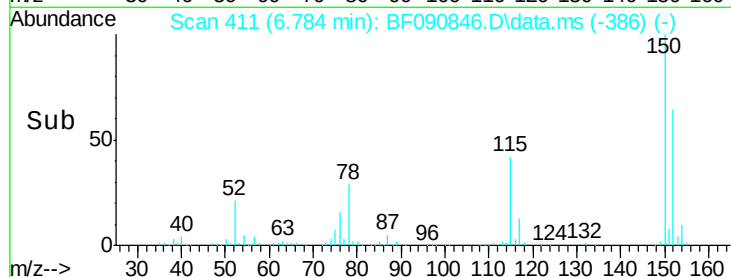
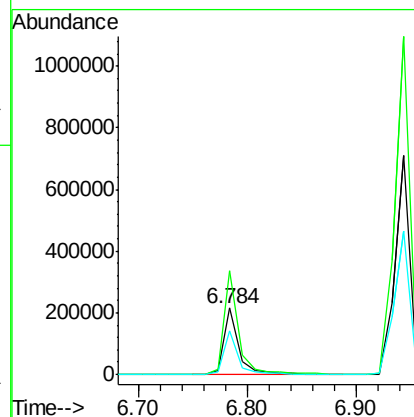
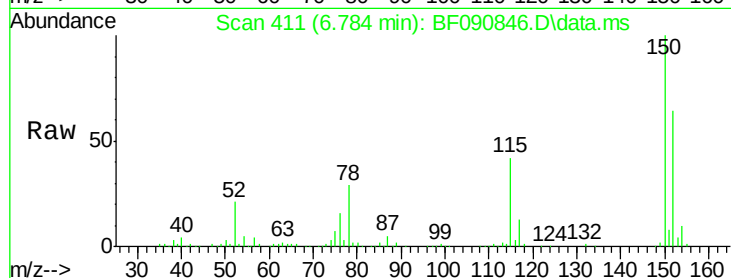
Tot Ion:152 Resp: 205936

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

115 65.3 39.0 58.4#



#5

2-Fluorophenol

Concen: 62.10 ng

RT: 5.378 min Scan# 288

Delta R.T. -0.011 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

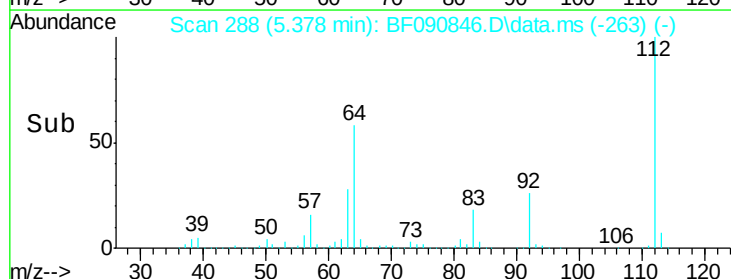
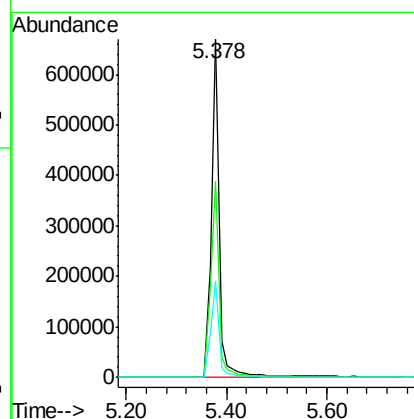
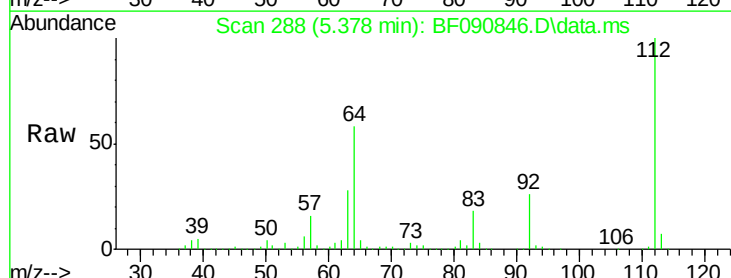
Tgt Ion:112 Resp: 731456

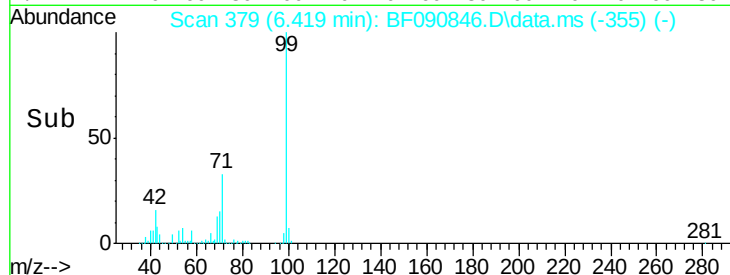
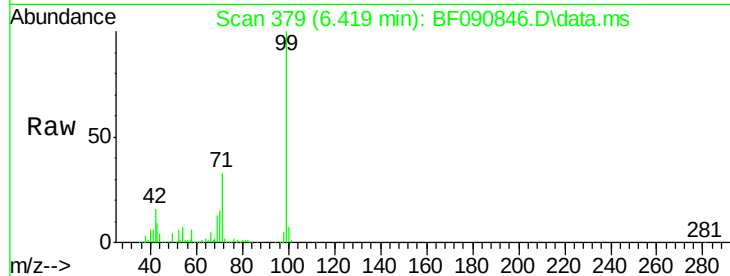
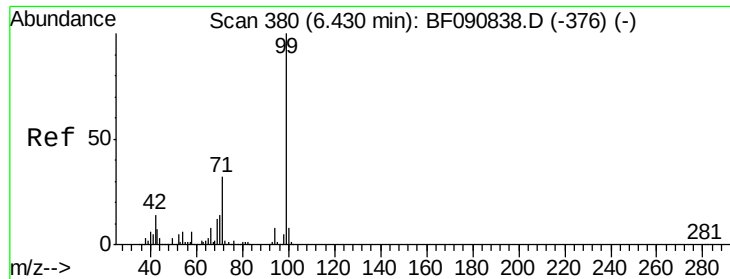
Ion Ratio Lower Upper

112 100

64 58.2 39.7 59.5

63 28.3 17.4 26.0#





#7

Phenol-d6

Concen: 36.61 ng

RT: 6.419 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

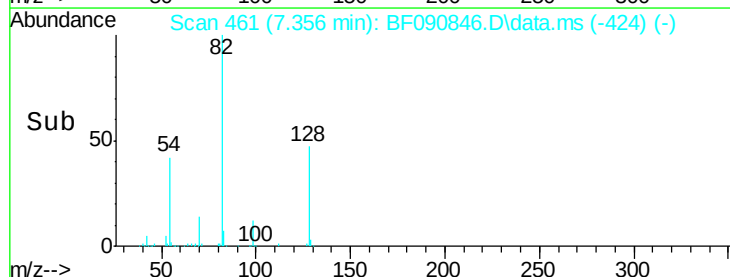
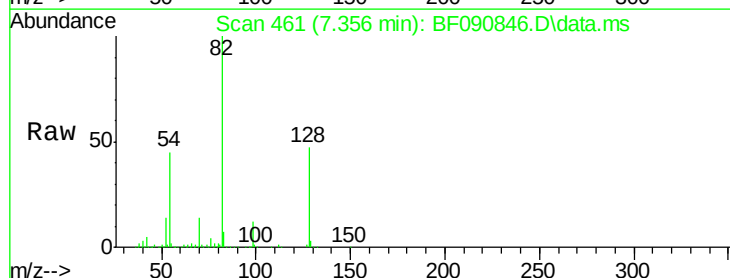
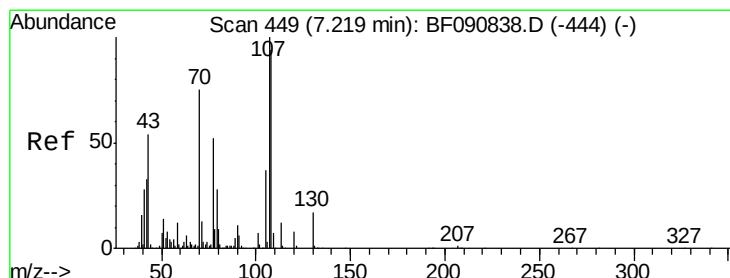
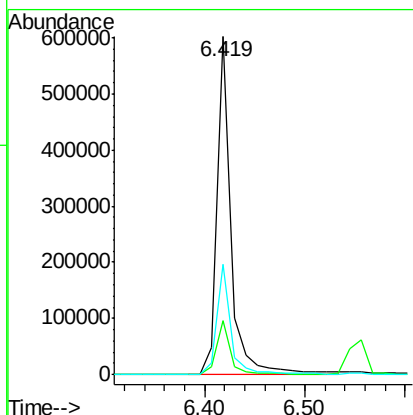
Tot Ion: 99 Resp: 581805

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

71 32.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 19.85 ng

RT: 7.356 min Scan# 461

Delta R.T. 0.126 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Tgt Ion: 70 Resp: 182339

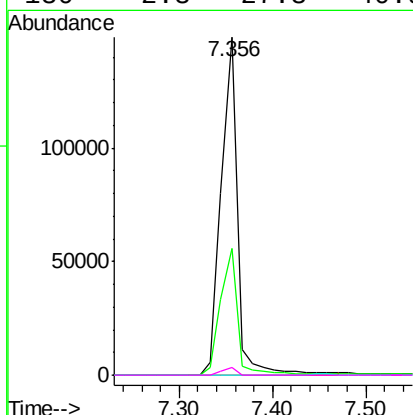
Ion Ratio Lower Upper

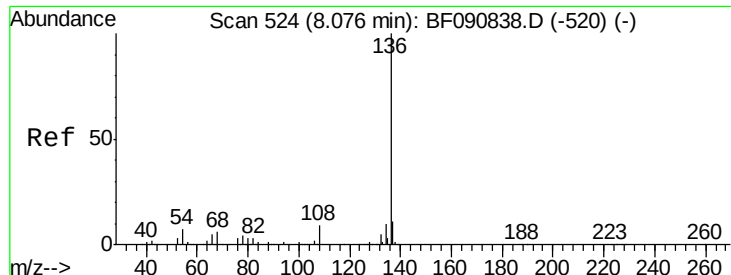
70 100

42 37.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.076 min Scan# 52

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

Tot Ion:136 Resp: 868423

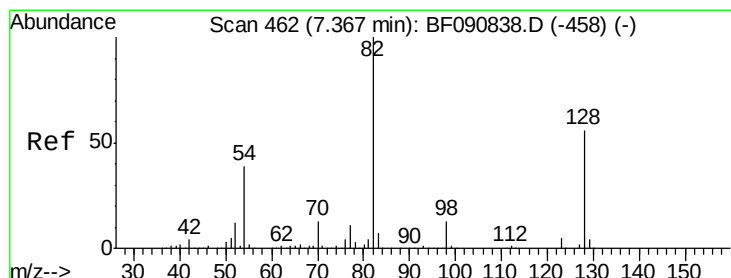
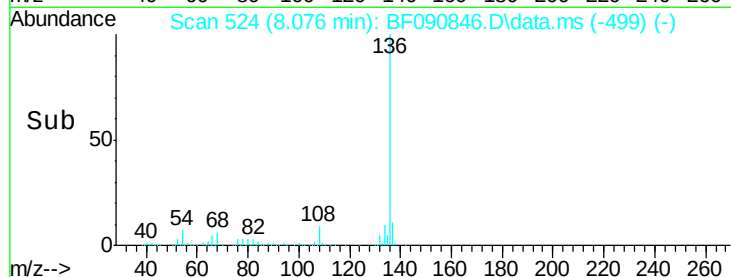
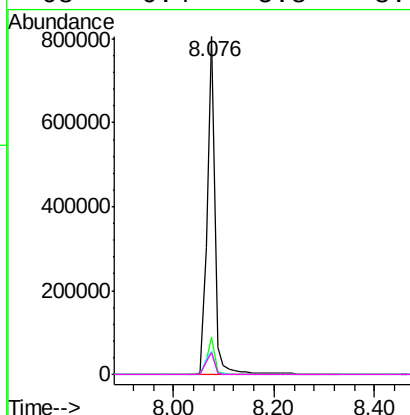
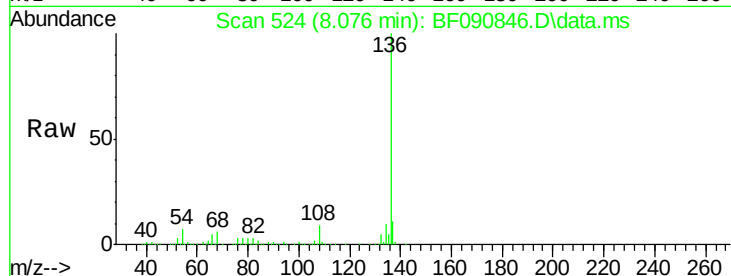
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.0 8.2 12.2#

68 6.4 5.8 8.6



#23

Nitrobenzene-d5

Concen: 101.18 ng

RT: 7.356 min Scan# 461

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

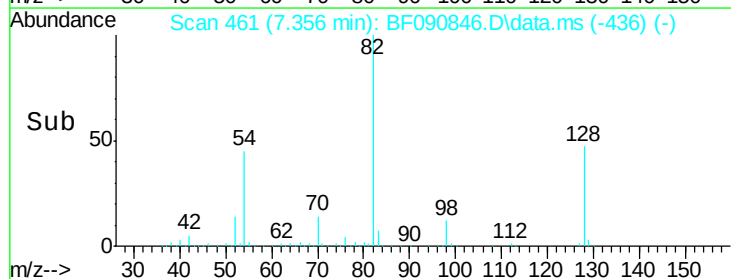
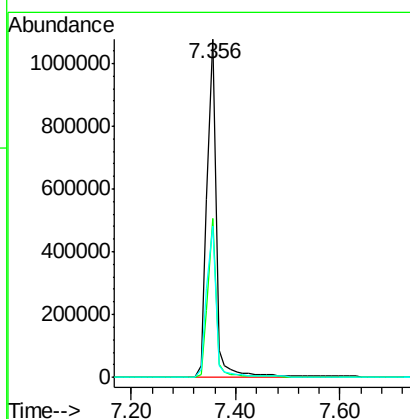
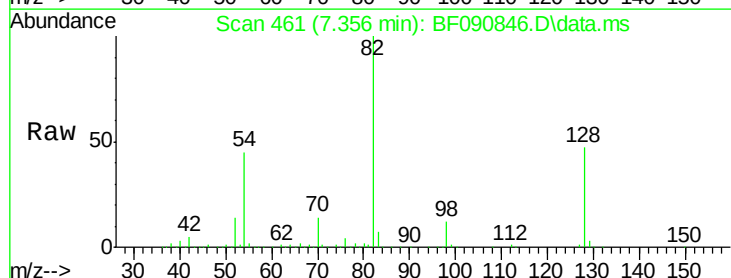
Tgt Ion: 82 Resp: 1342196

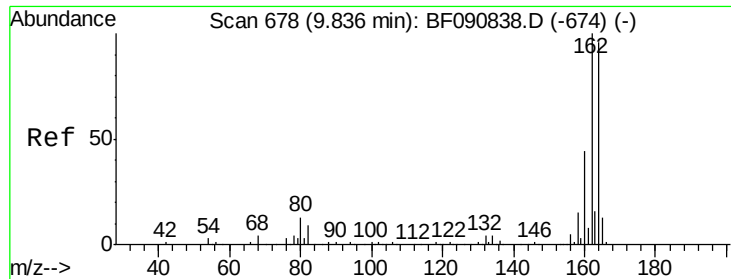
Ion Ratio Lower Upper

82 100

128 46.9 51.0 76.6#

54 44.6 47.5 71.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.825 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

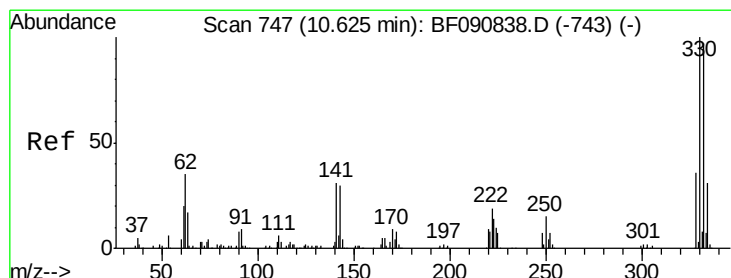
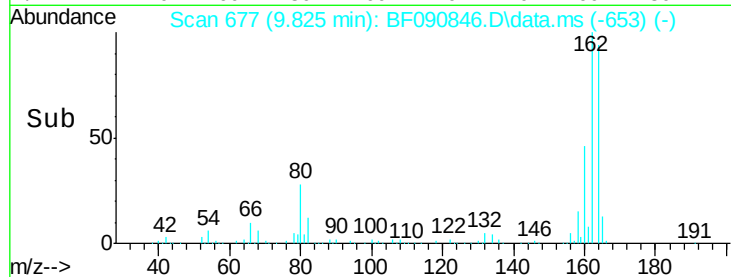
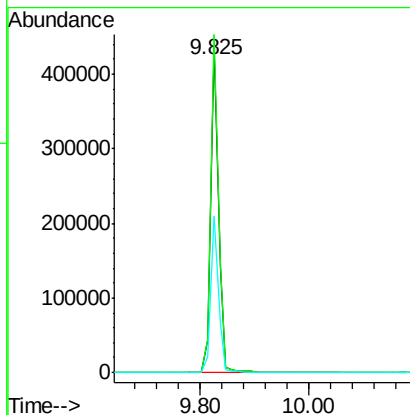
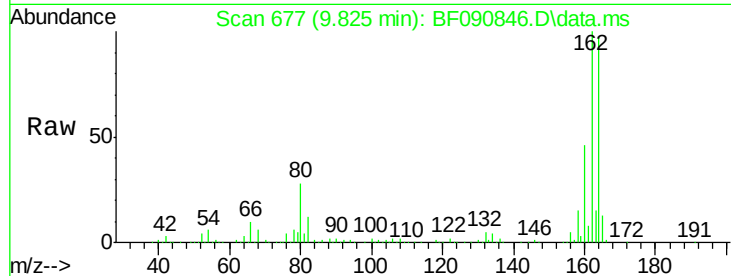
Tot Ion:164 Resp: 441416

Ion Ratio Lower Upper

164 100

162 103.4 75.2 112.8

160 47.9 31.5 47.3#



#41

2,4,6-Tribromophenol

Concen: 134.75 ng

RT: 10.625 min Scan# 747

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

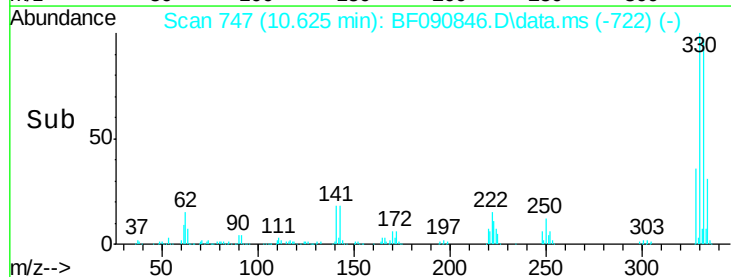
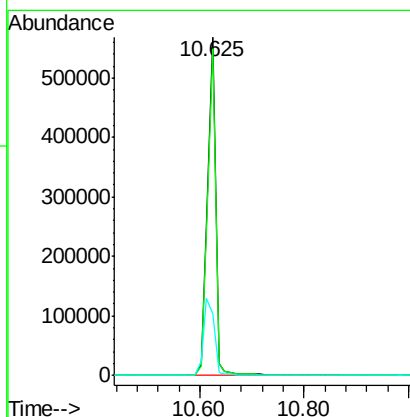
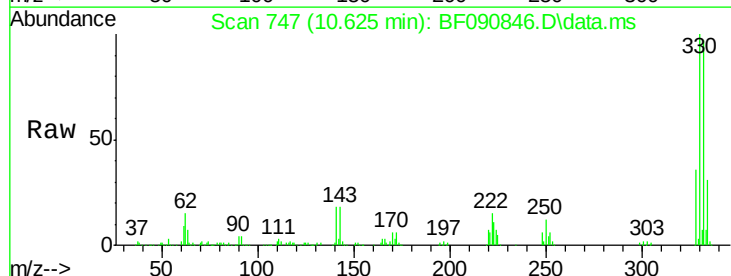
Tgt Ion:330 Resp: 611267

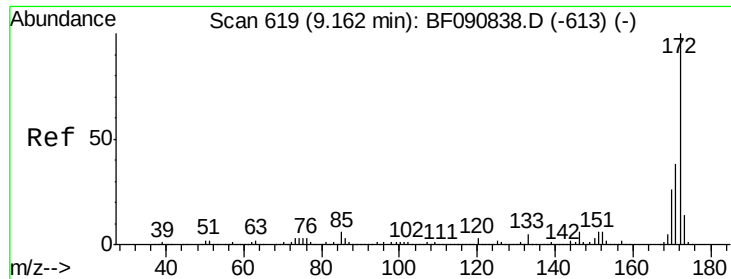
Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

141 30.6 29.7 44.5

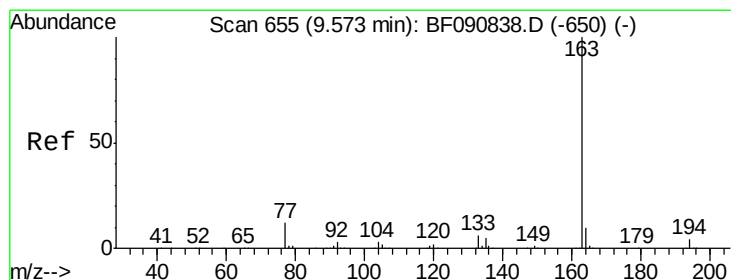
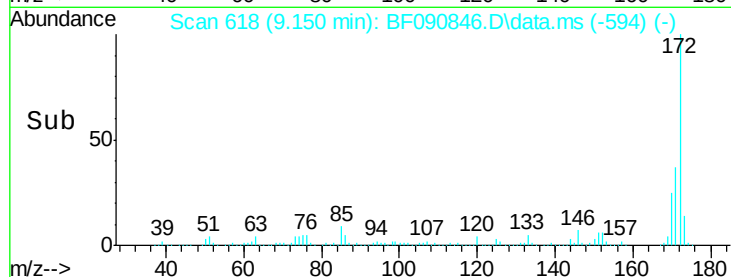
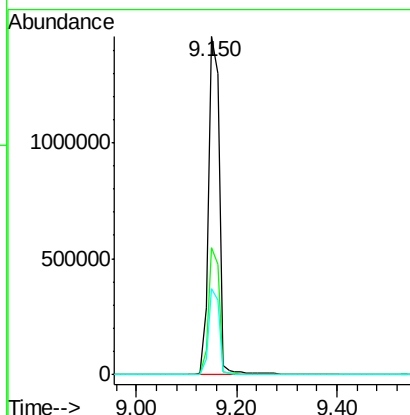
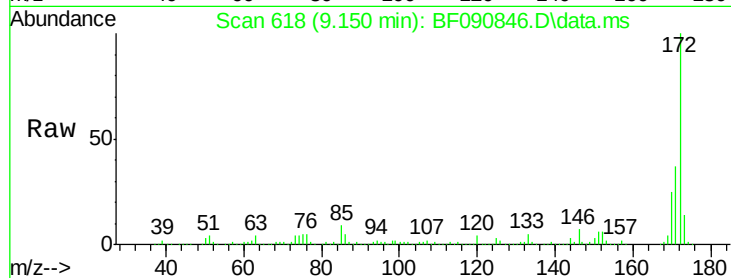




#44
2-Fluorobiphenyl
Concen: 86.97 ng
RT: 9.150 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090846.D
Acq: 26 Oct 2016 18:07

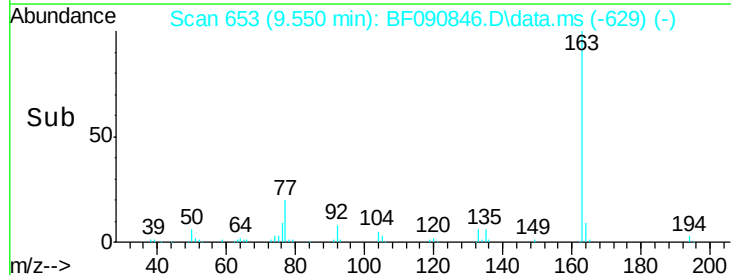
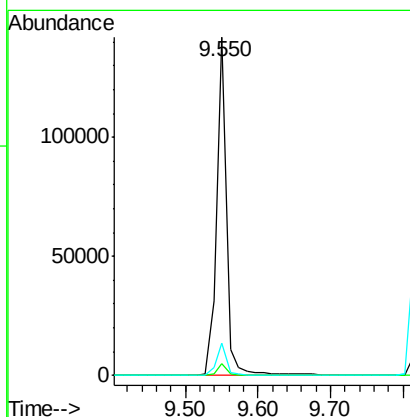
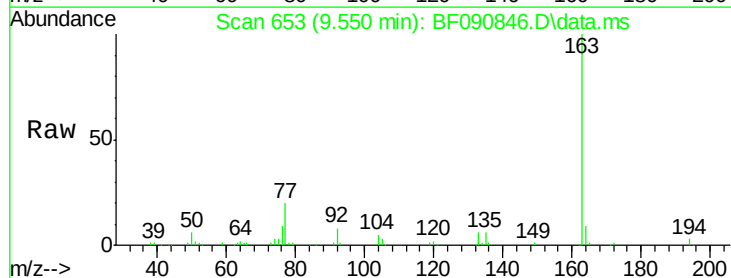
Instrument :
BNA_F
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MW-106D

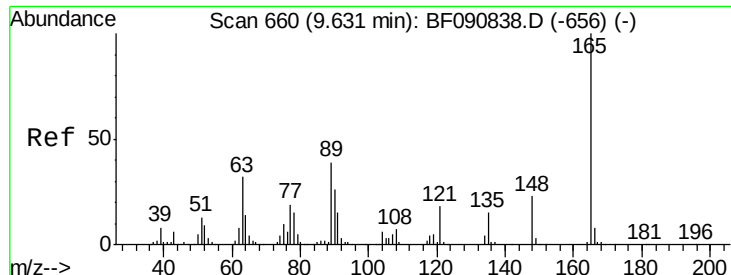
Tot Ion:172 Resp: 2186164
Ion Ratio Lower Upper
172 100
171 37.4 26.1 39.1
170 25.2 17.4 26.2



#49
Dimethylphthalate
Concen: 4.56 ng
RT: 9.550 min Scan# 653
Delta R.T. -0.023 min
Lab File: BF090846.D
Acq: 26 Oct 2016 18:07

Tgt Ion:163 Resp: 134476
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 9.5 8.3 12.5

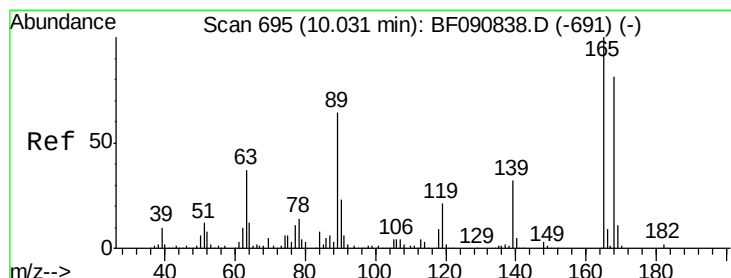
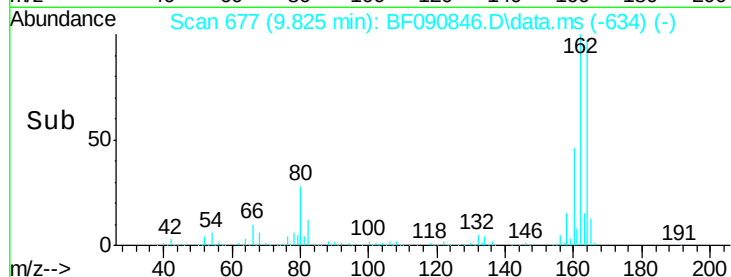
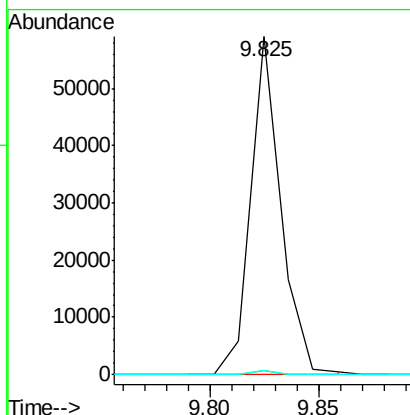
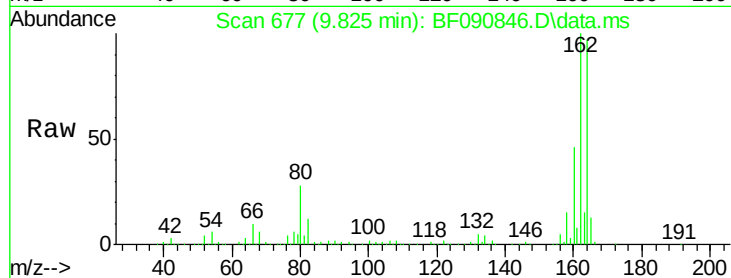




#50
 2,6-Dinitrotoluene
 Concen: 8.75 ng
 RT: 9.825 min Scan# 67
 Delta R.T. 0.194 min
 Lab File: BF090846.D
 Acq: 26 Oct 2016 18:07

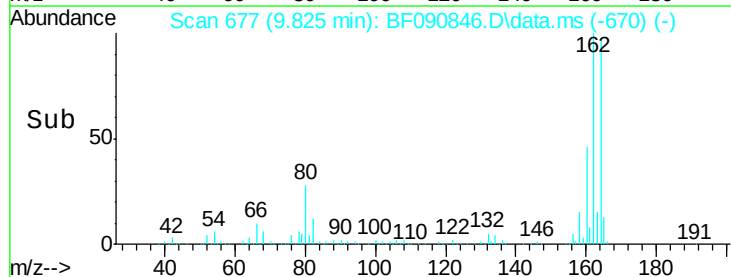
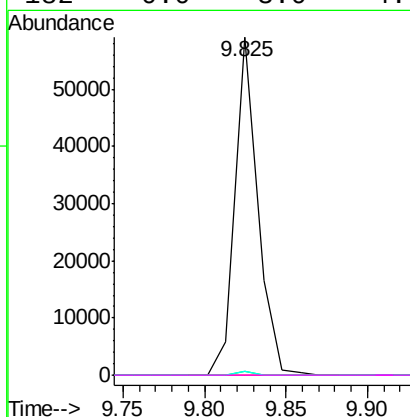
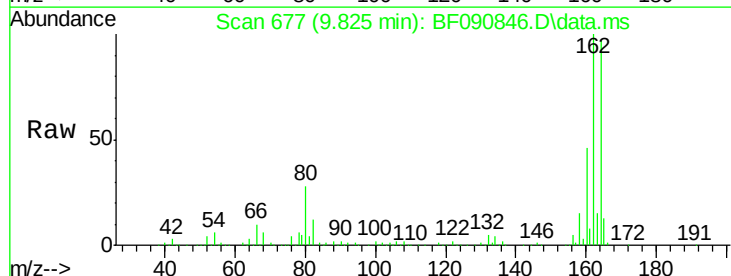
Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

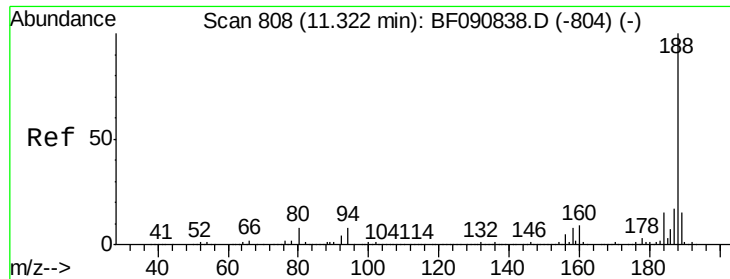
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.04 ng
 RT: 9.825 min Scan# 677
 Delta R.T. -0.217 min
 Lab File: BF090846.D
 Acq: 26 Oct 2016 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

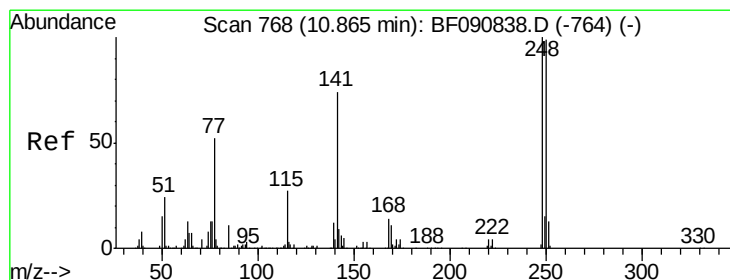
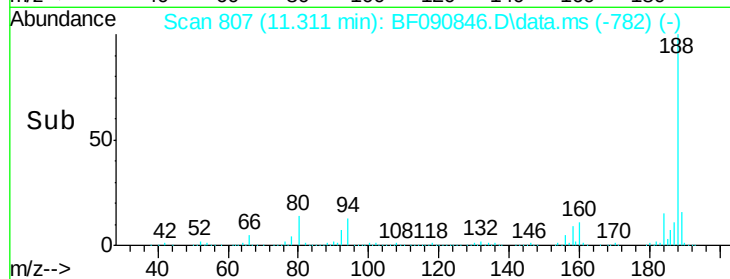
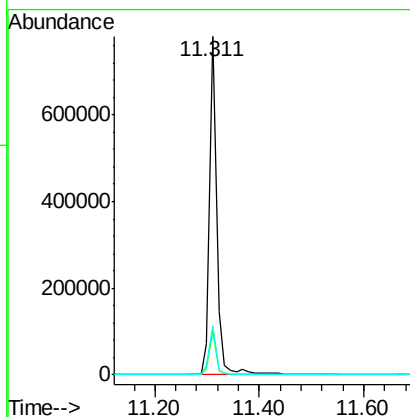
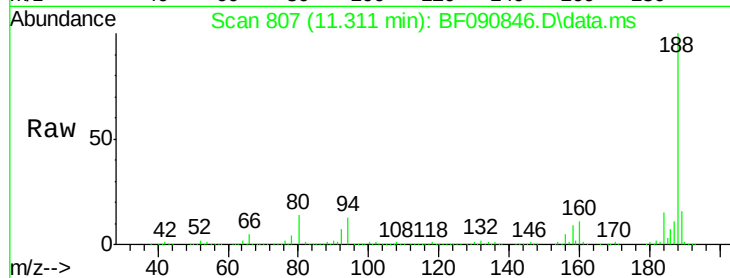




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.311 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF090846.D
Acq: 26 Oct 2016 18:07

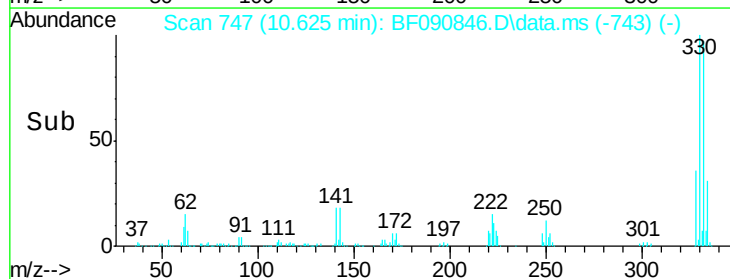
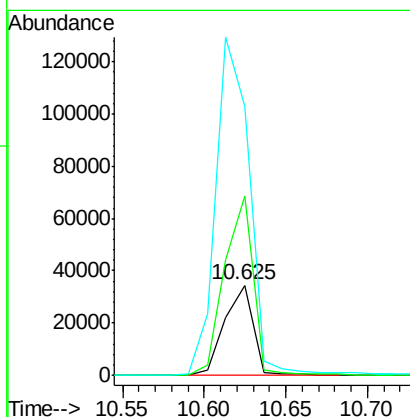
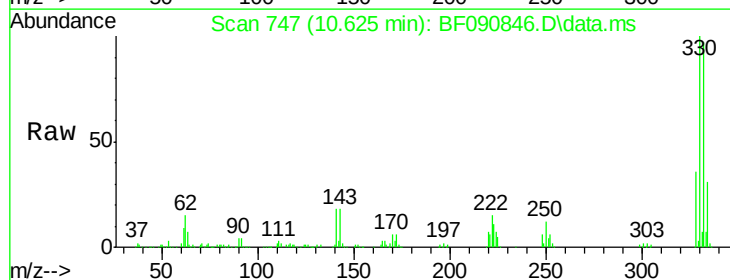
Instrument :
BNA_F
ClientSampleId :
MW-106D

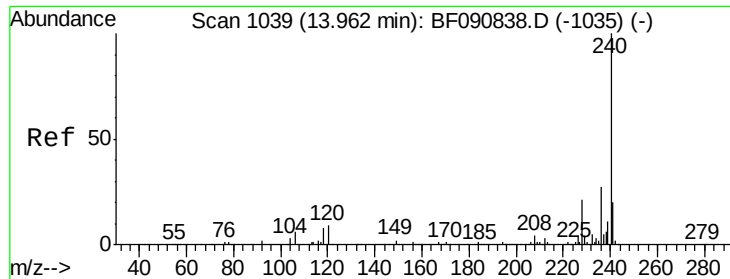
Tot Ion:188 Resp: 741222
Ion Ratio Lower Upper
188 100
94 13.1 11.1 16.7
80 14.3 11.0 16.4



#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.625 min Scan# 747
Delta R.T. -0.252 min
Lab File: BF090846.D
Acq: 26 Oct 2016 18:07

Tgt Ion:248 Resp: 41468
Ion Ratio Lower Upper
248 100
250 198.8 78.5 117.7#
141 297.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.951 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

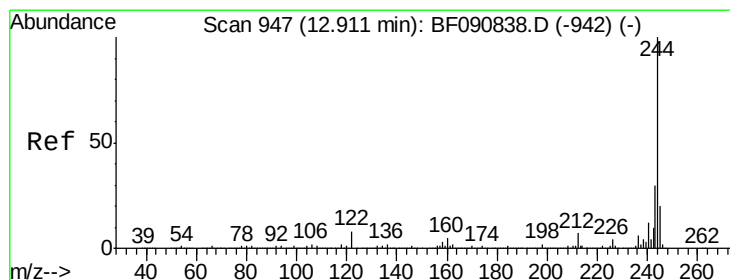
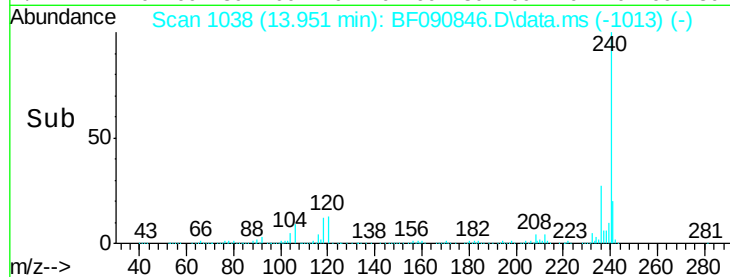
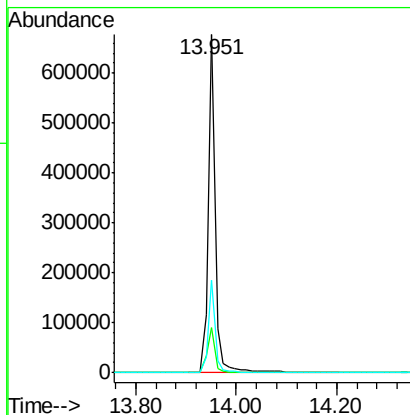
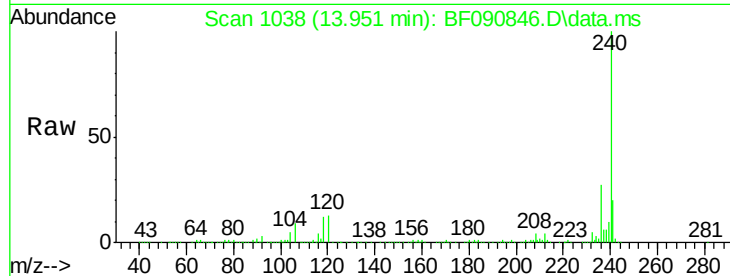
Tot Ion:240 Resp: 654338

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

236 27.3 18.4 27.6



#78

Terphenyl-d14

Concen: 92.36 ng

RT: 12.911 min Scan# 947

Delta R.T. -0.012 min

Lab File: BF090846.D

Acq: 26 Oct 2016 18:07

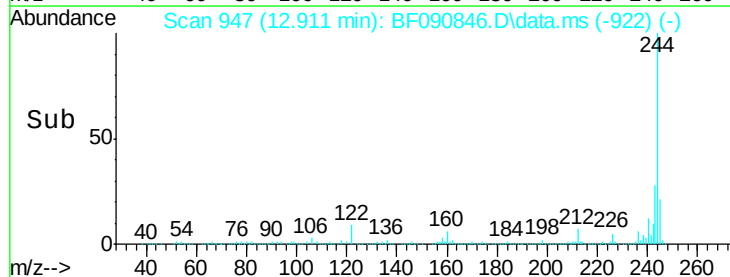
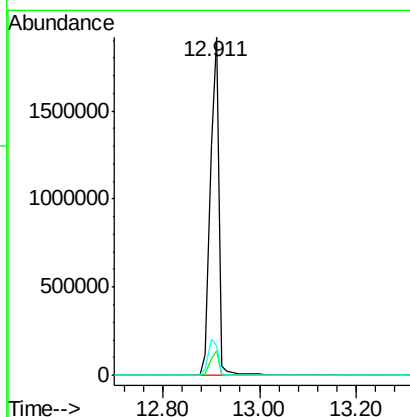
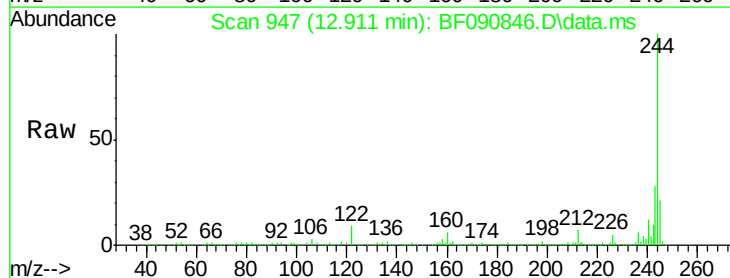
Tgt Ion:244 Resp: 2398831

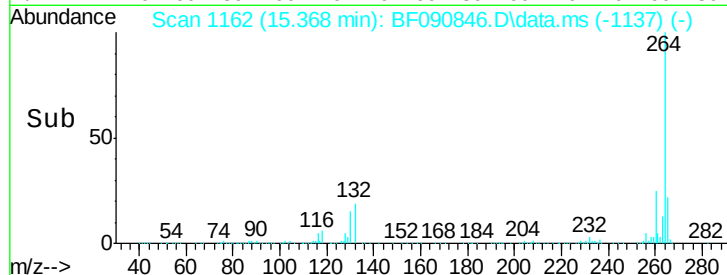
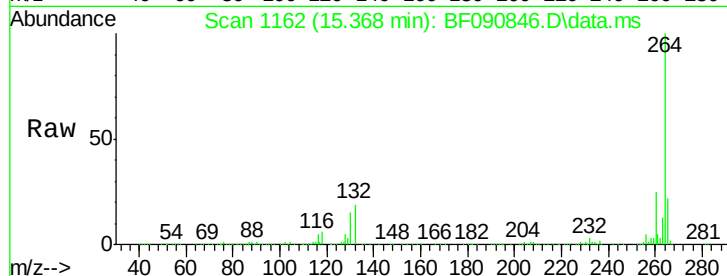
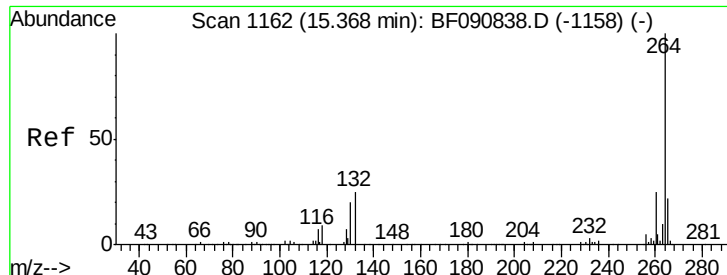
Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

122 8.9 17.4 26.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF090846.D
Acq: 26 Oct 2016 18:07

Instrument :
BNA_F
ClientSampleId :
MW-106D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	16.7	25.1#
265	22.1	17.2	25.8

