

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087209.D
 Acq On : 20 May 2016 3:44
 Operator : UM/SJ
 Sample : H3121-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: May 20 09:57:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:47:59 2016
 Response via : Initial Calibration

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

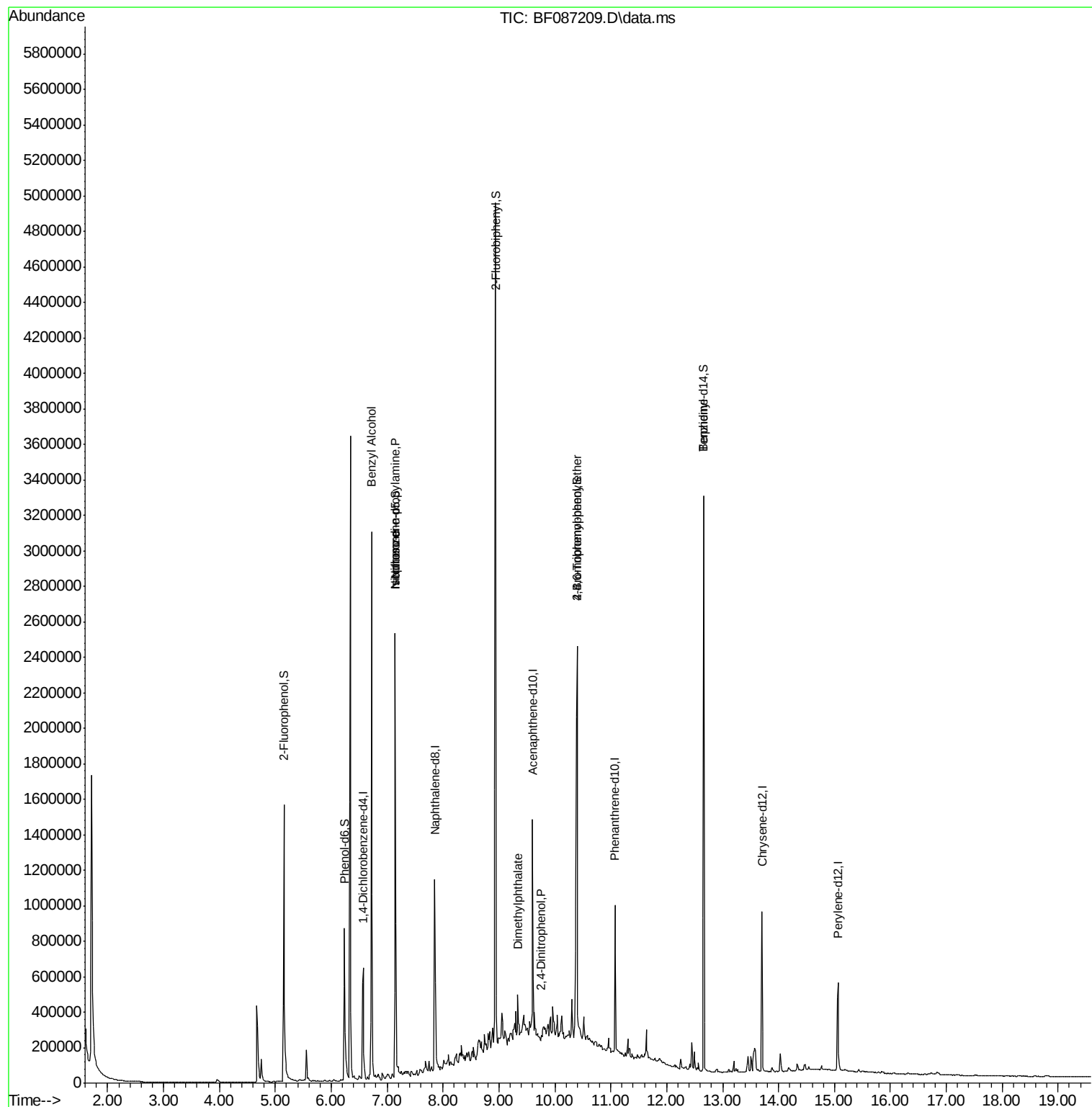
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.570	152	126810	20.00	ng	-0.03
21) Naphthalene-d8	7.850	136	508004	20.00	ng	-0.05
38) Acenaphthene-d10	9.599	164	227481	20.00	ng	-0.05
63) Phenanthrene-d10	11.073	188	378182	20.00	ng	-0.05
75) Chrysene-d12	13.702	240	279856	20.00	ng	-0.06
86) Perylene-d12	15.062	264	252241	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.153	112	500950	33.20	ng	-0.05
7) Phenol-d6	6.239	99	400672	19.80	ng	-0.05
23) Nitrobenzene-d5	7.142	82	884155	43.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.399	330	386021	76.78	ng	-0.05
44) 2-Fluorobiphenyl	8.936	172	1361596	49.57	ng	-0.05
78) Terphenyl-d14	12.662	244	919669	37.17	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.239	77	838	Below Cal		Qvalue
15) Benzyl Alcohol	6.719	79	16316	2.17	ng	# 4
19) n-Nitroso-di-n-propyla...	7.142	70	129062	16.78	ng	# 39
25) Isophorone	7.142	82	765853	41.04	ng	# 73
49) Dimethylphthalate	9.336	163	51132	2.95	ng	# 68
53) 2,4-Dinitrophenol	9.759	184	355	4.89	ng	# 96
66) 4-Bromophenyl-phenylether	10.399	248	22959	5.90	ng	# 14
76) Benzidine	12.662	184	15165	2.40	ng	# 1

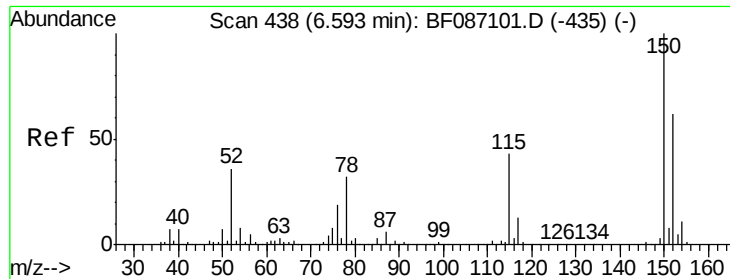
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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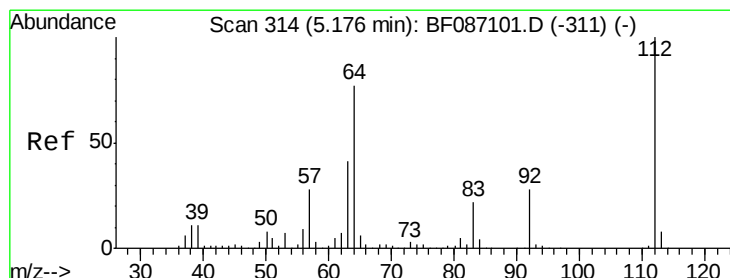
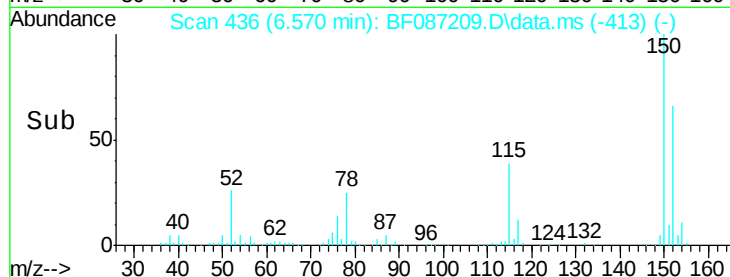
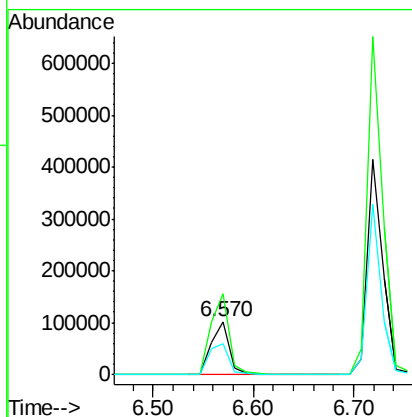
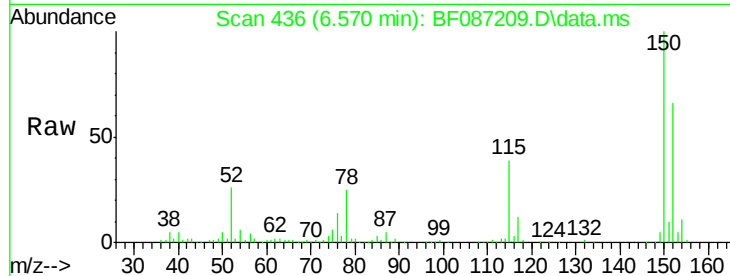




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.570 min Scan# 43
 Delta R.T. -0.034 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

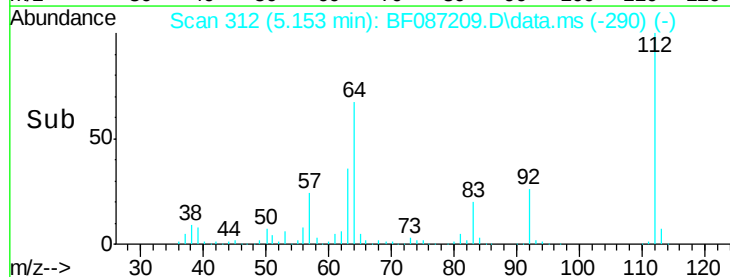
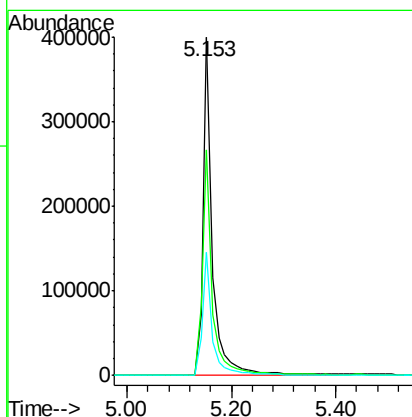
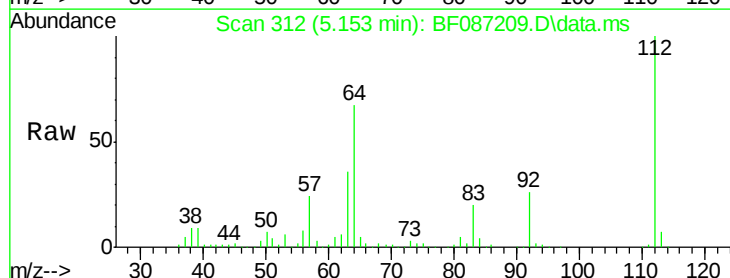
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

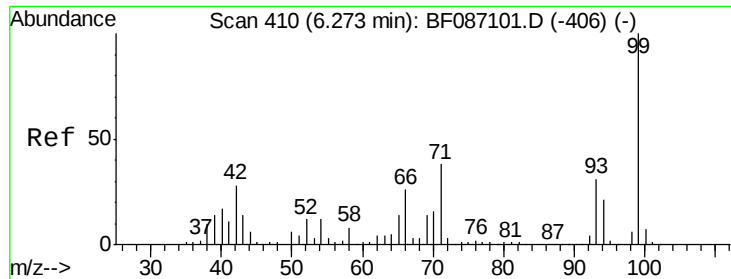
Tot Ion:152 Resp: 126810
 Ion Ratio Lower Upper
 152 100
 150 152.2 125.8 188.6
 115 58.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 33.20 ng
 RT: 5.153 min Scan# 312
 Delta R.T. -0.046 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Tgt Ion:112 Resp: 500950
 Ion Ratio Lower Upper
 112 100
 64 66.7 52.1 78.1
 63 36.3 25.7 38.5





#7

Phenol-d6

Concen: 19.80 ng

RT: 6.239 min Scan# 40

Delta R.T. -0.046 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

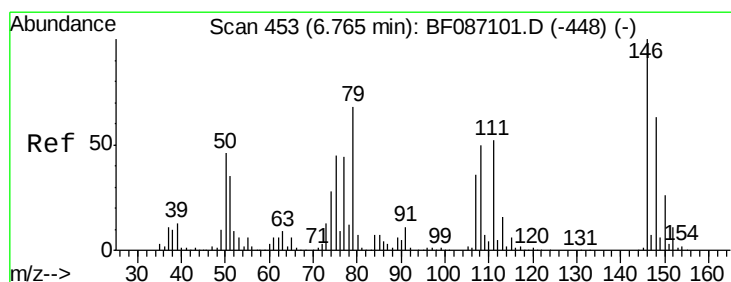
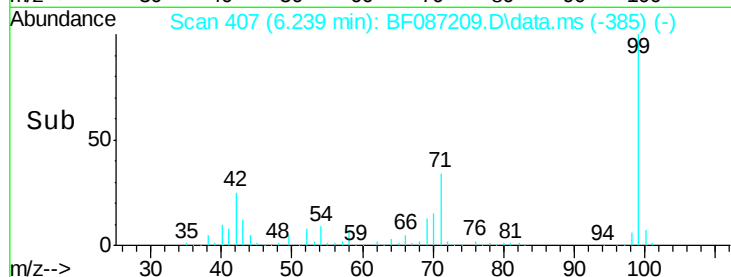
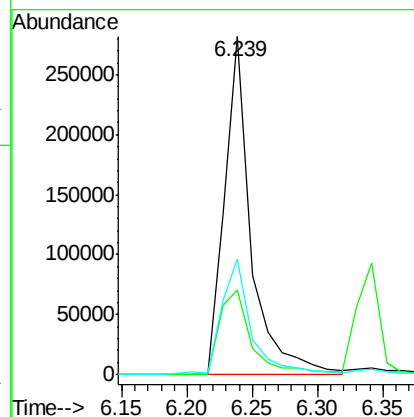
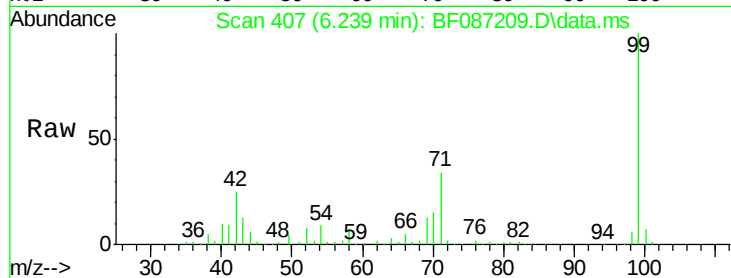
Tot Ion: 99 Resp: 400672

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

71 34.1 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.719 min Scan# 449

Delta R.T. -0.057 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

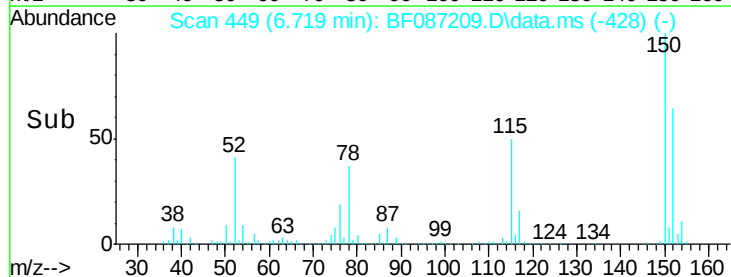
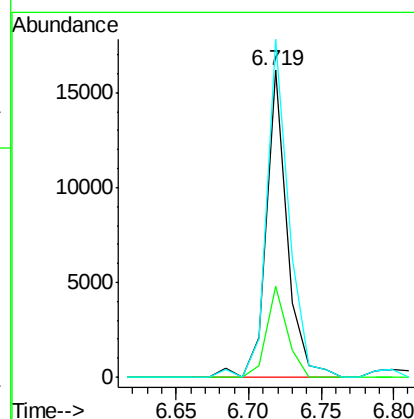
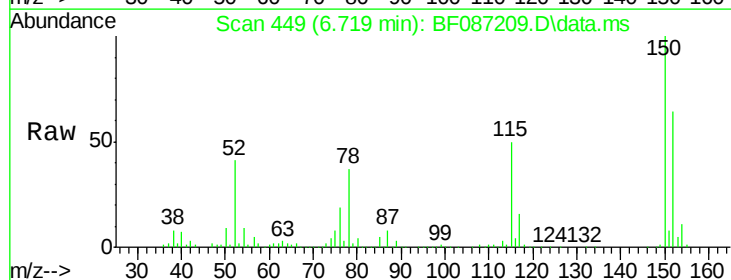
Tgt Ion: 79 Resp: 16316

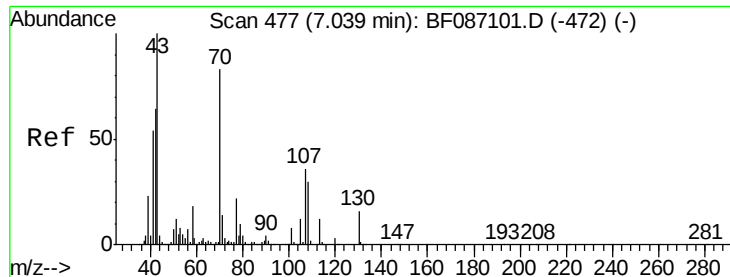
Ion Ratio Lower Upper

79 100

108 29.5 68.4 102.6#

77 110.1 50.6 76.0#

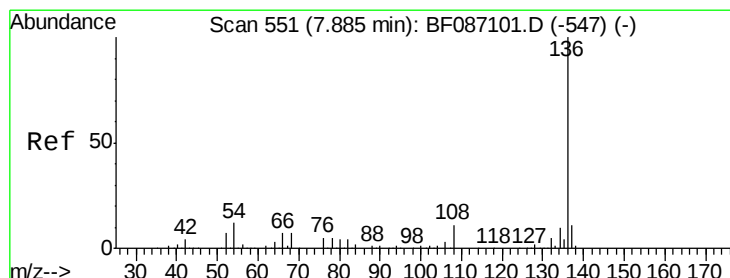
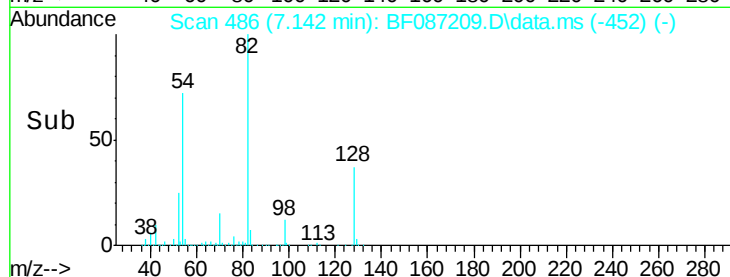
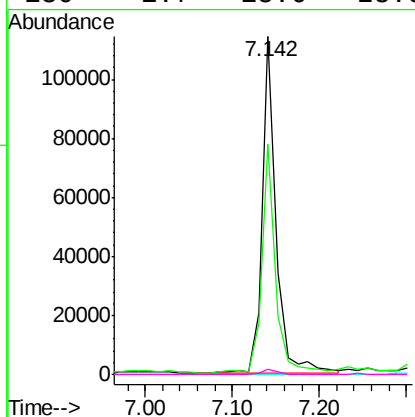
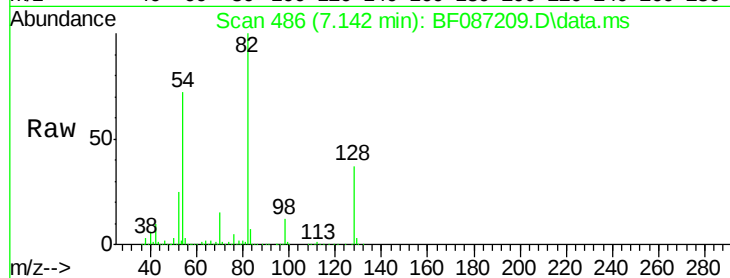




#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.142 min Scan# 48
Delta R.T. 0.091 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

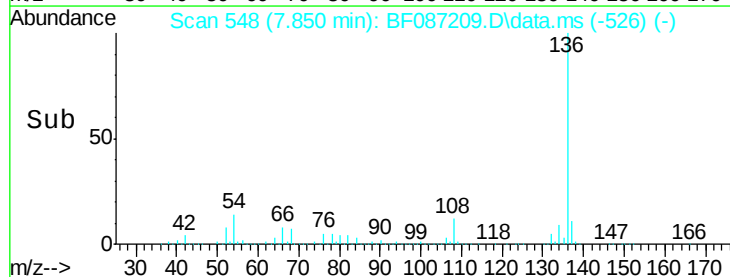
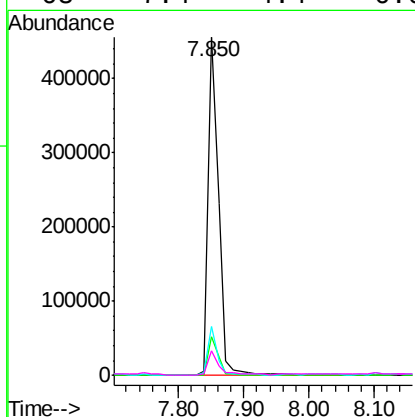
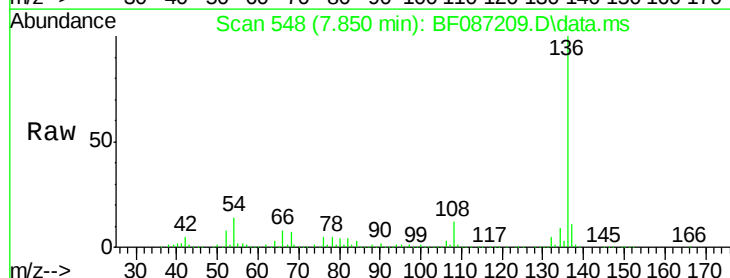
Instrument :
BNA_F
ClientSampleId :
MW-20

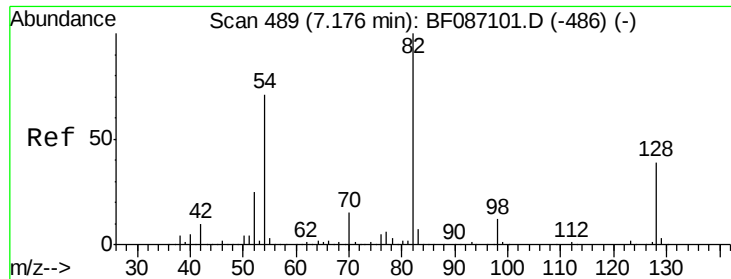
Tot Ion: 70 Resp: 129062
Ion Ratio Lower Upper
70 100
42 68.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.850 min Scan# 548
Delta R.T. -0.046 min
Lab File: BF087209.D
Acq: 20 May 2016 3:44

Tgt Ion: 136 Resp: 508004
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 14.3 5.0 7.4#
68 7.4 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 43.37 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.046 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

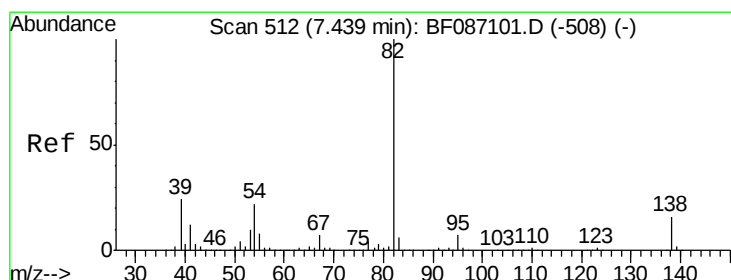
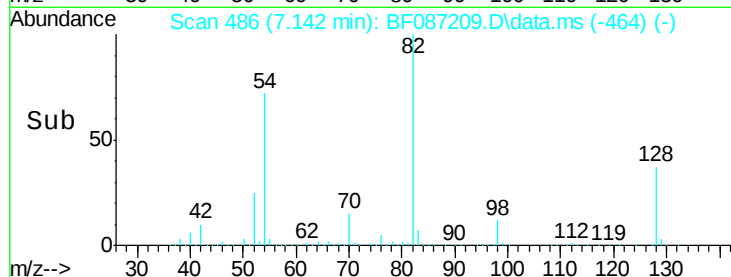
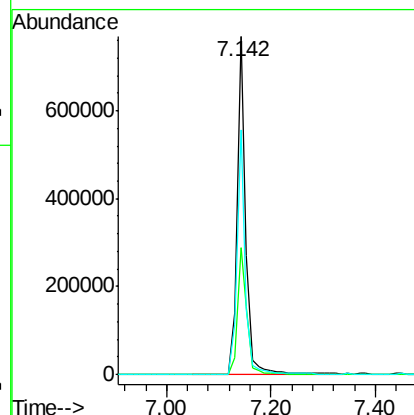
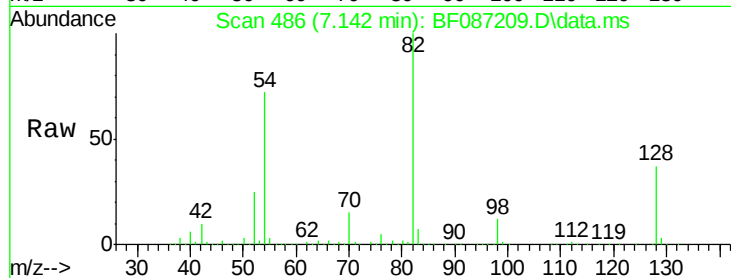
Tot Ion: 82 Resp: 884155

Ion Ratio Lower Upper

82 100

128 37.4 40.6 61.0#

54 72.2 38.1 57.1#



#25

Isophorone

Concen: 41.04 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.309 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

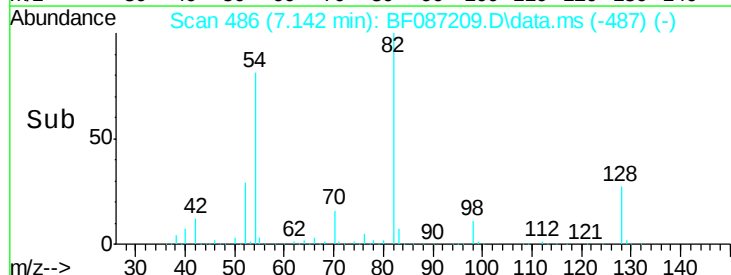
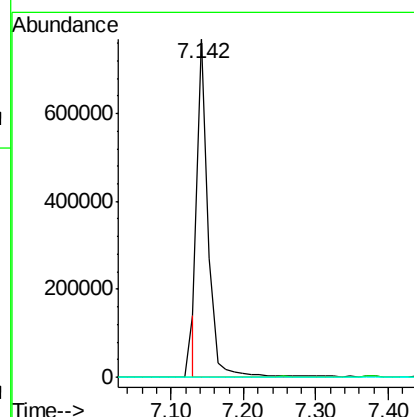
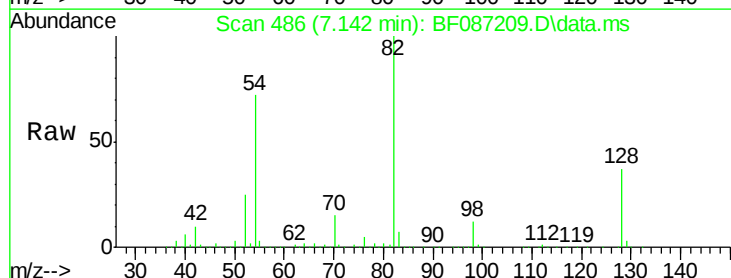
Tgt Ion: 82 Resp: 765853

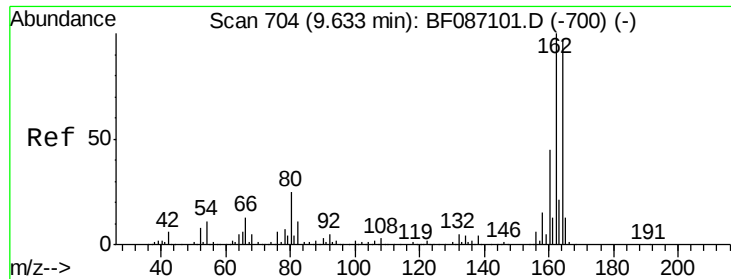
Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#

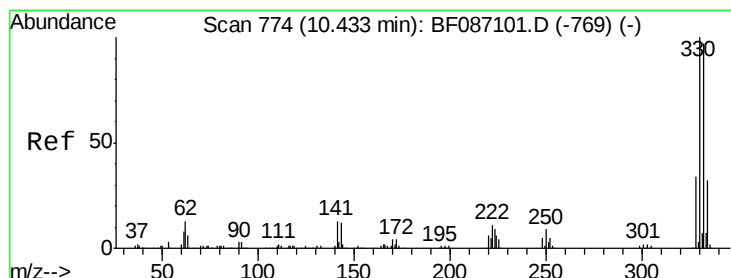
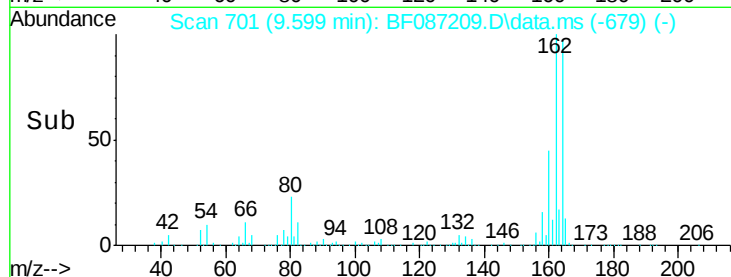
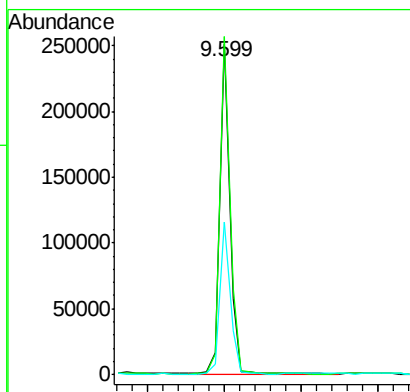
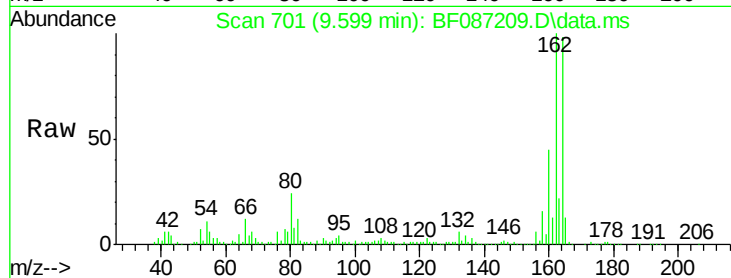




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.599 min Scan# 704
 Delta R.T. -0.046 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

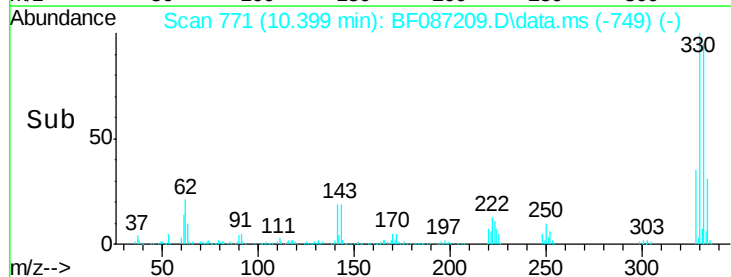
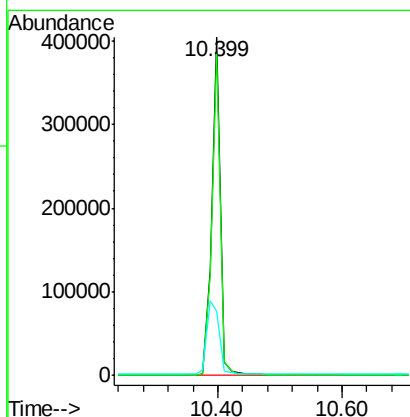
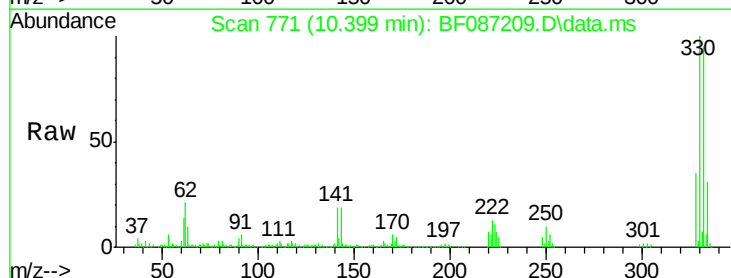
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

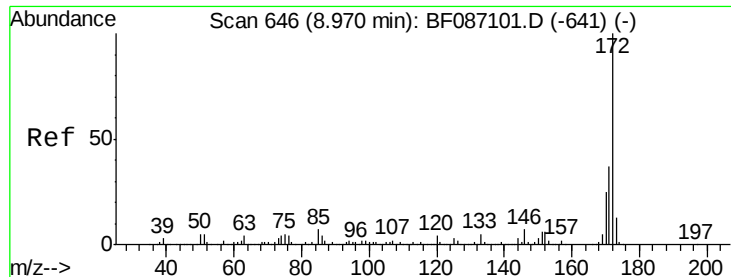
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.1	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 76.78 ng
 RT: 10.399 min Scan# 771
 Delta R.T. -0.046 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.0	118.4
141	31.7	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 49.57 ng

RT: 8.936 min Scan# 64

Delta R.T. -0.046 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

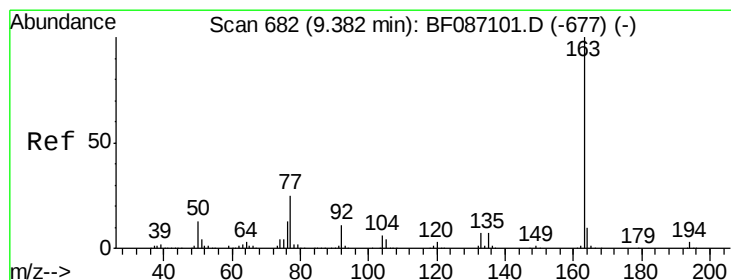
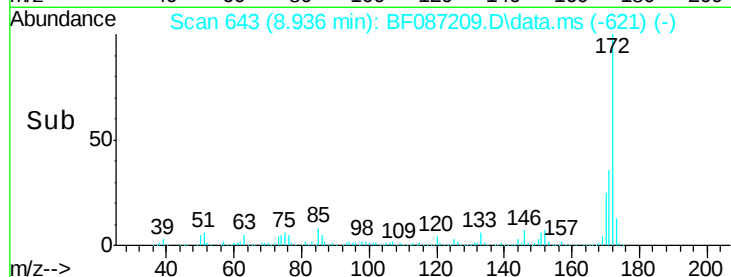
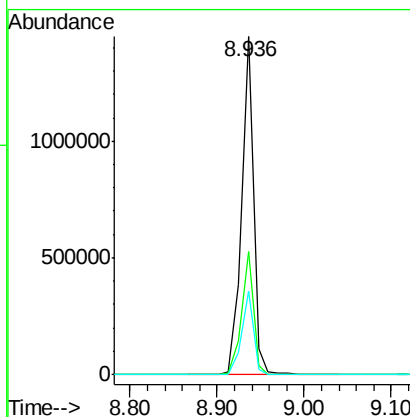
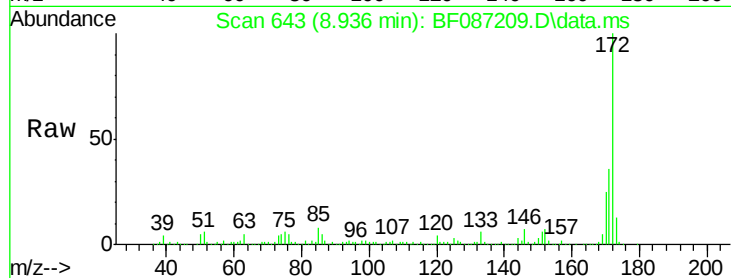
BNA_F

ClientSampleId :

MW-20

Tot Ion:172 Resp: 1361596

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	19.8	29.8



#49

Dimethylphthalate

Concen: 2.95 ng

RT: 9.336 min Scan# 678

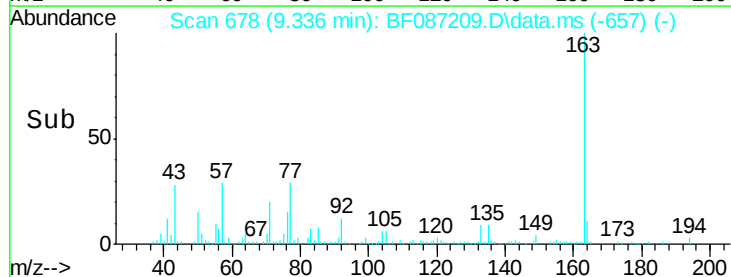
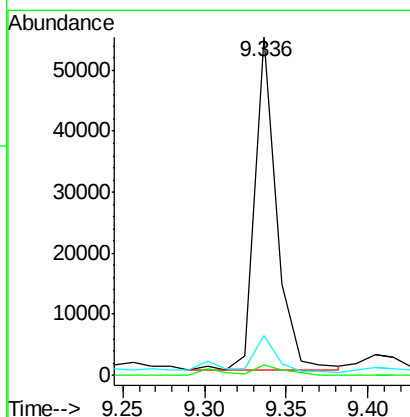
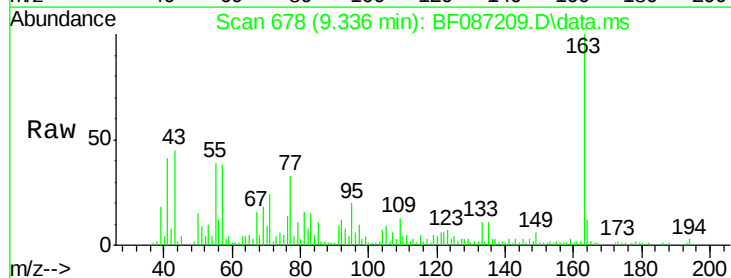
Delta R.T. -0.057 min

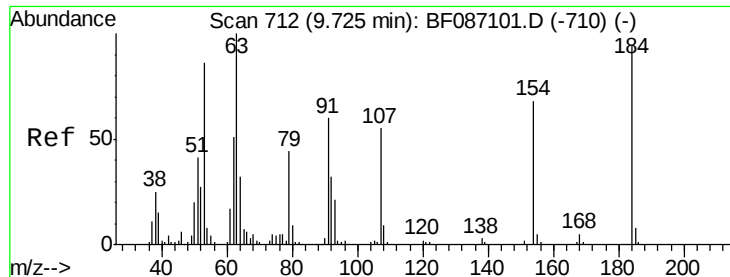
Lab File: BF087209.D

Acq: 20 May 2016 3:44

Tgt Ion:163 Resp: 51132

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	12.0	8.2	12.4

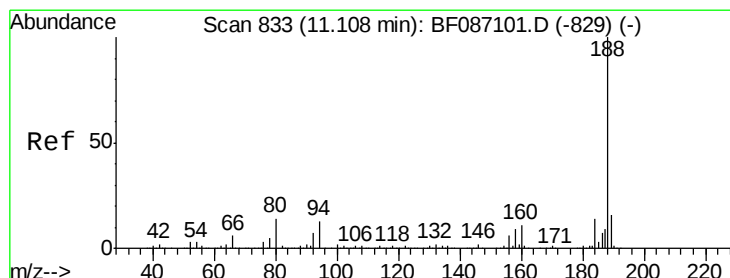
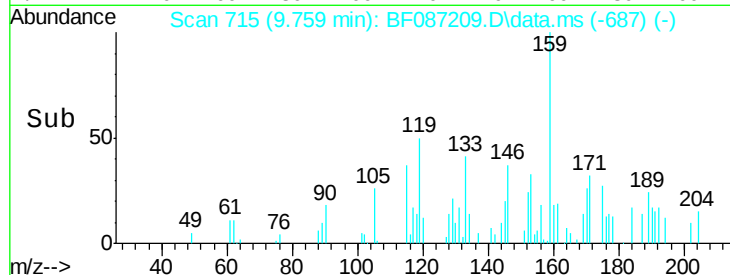
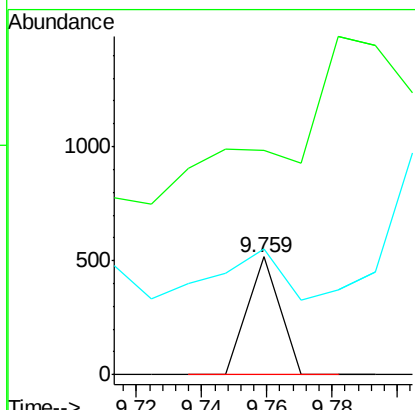
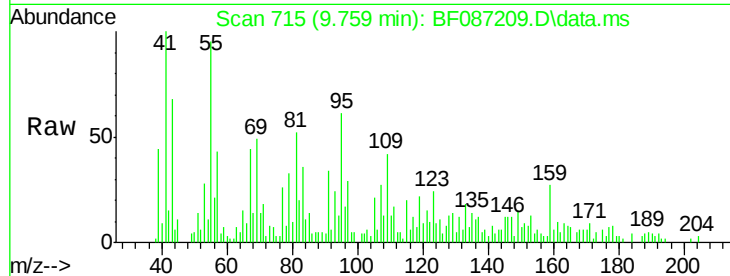




#53
 2,4-Dinitrophenol
 Concen: 4.89 ng
 RT: 9.759 min Scan# 71
 Delta R.T. 0.023 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

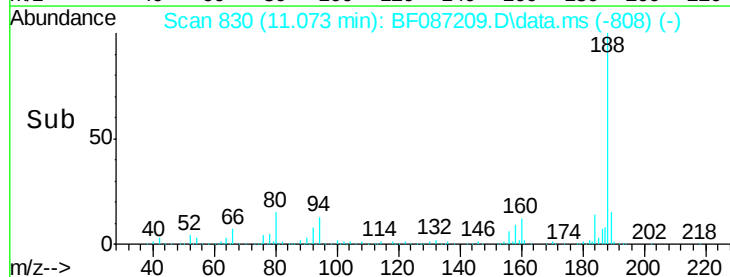
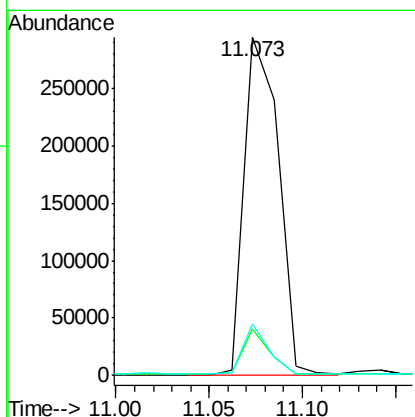
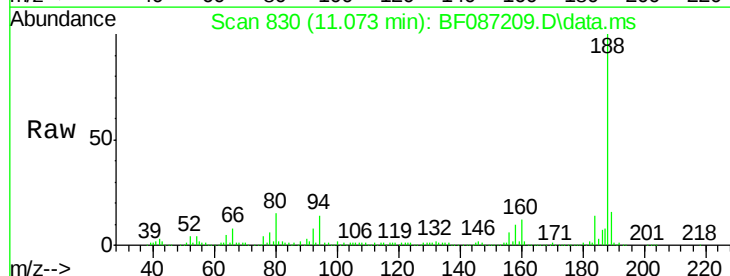
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

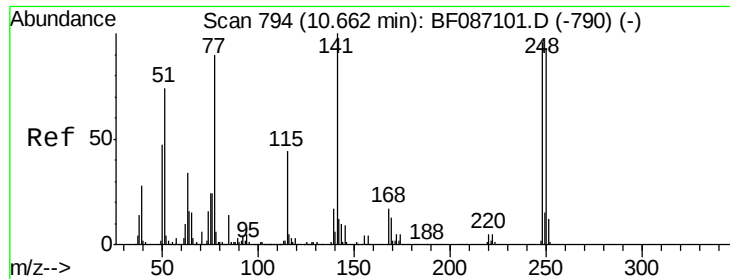
Tot Ion:184 Resp: 355
 Ion Ratio Lower Upper
 184 100
 63 189.7 55.8 83.8#
 154 106.2 62.4 93.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.073 min Scan# 830
 Delta R.T. -0.046 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Tgt Ion:188 Resp: 378182
 Ion Ratio Lower Upper
 188 100
 94 13.8 6.8 10.2#
 80 15.3 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 5.90 ng

RT: 10.399 min Scan# 77

Delta R.T. -0.274 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

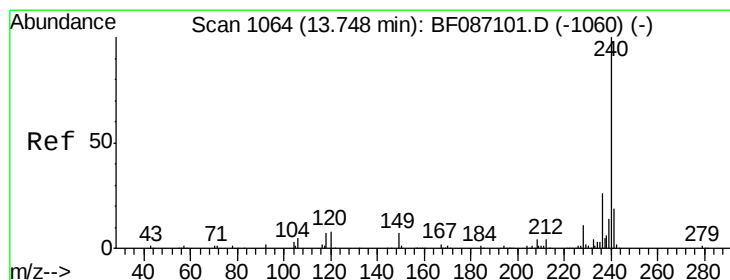
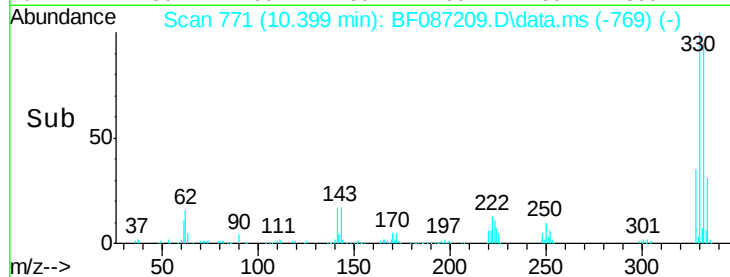
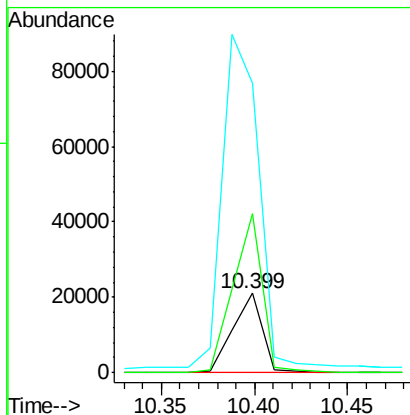
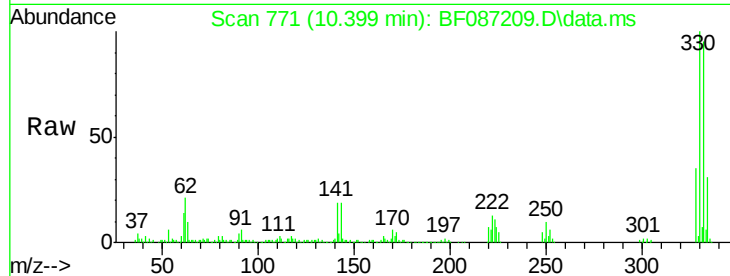
Tot Ion:248 Resp: 22959

Ion Ratio Lower Upper

248 100

250 200.5 78.6 117.8#

141 366.9 76.0 114.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.702 min Scan# 1060

Delta R.T. -0.057 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

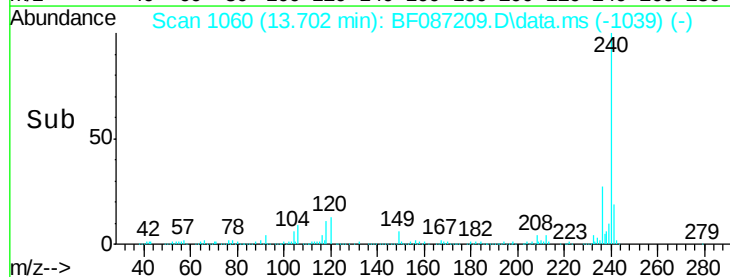
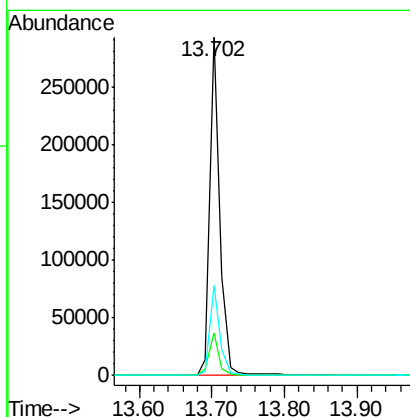
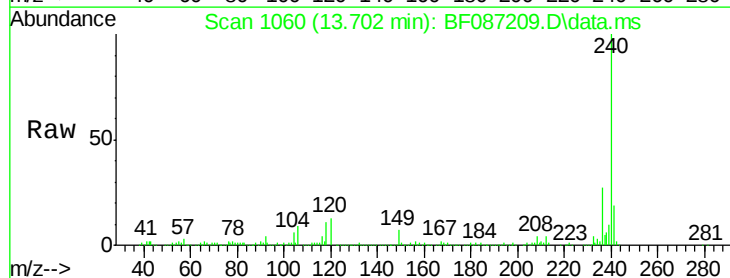
Tgt Ion:240 Resp: 279856

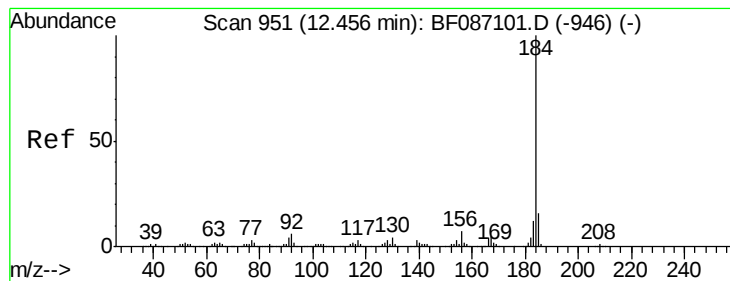
Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

236 26.6 21.2 31.8





#76

Benzidine

Concen: 2.40 ng

RT: 12.662 min Scan# 96

Delta R.T. 0.195 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

MW-20

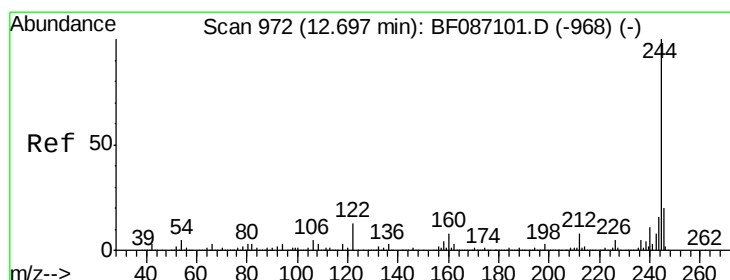
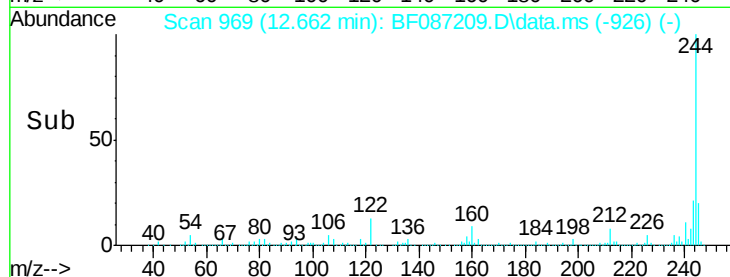
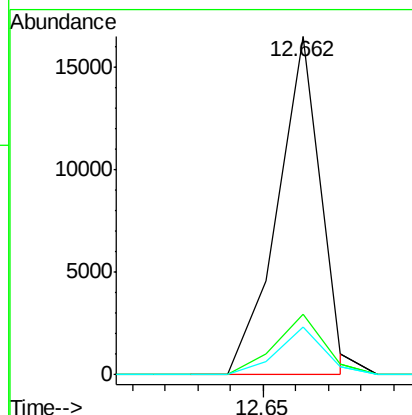
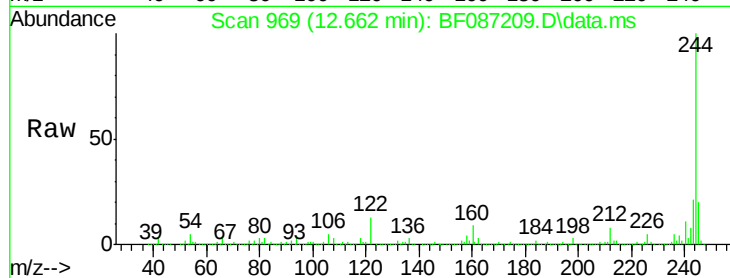
Tot Ion:184 Resp: 15165

Ion Ratio Lower Upper

184 100

185 17.7 13.6 20.4

183 14.1 9.8 14.6



#78

Terphenyl-d14

Concen: 37.17 ng

RT: 12.662 min Scan# 969

Delta R.T. -0.046 min

Lab File: BF087209.D

Acq: 20 May 2016 3:44

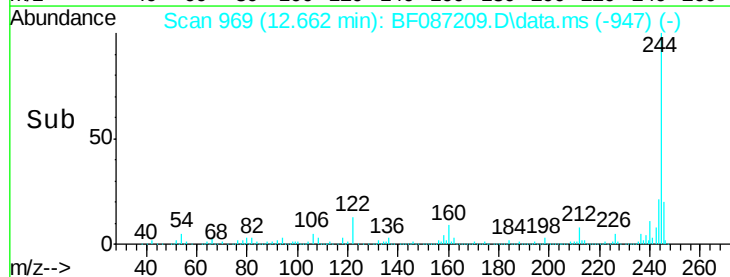
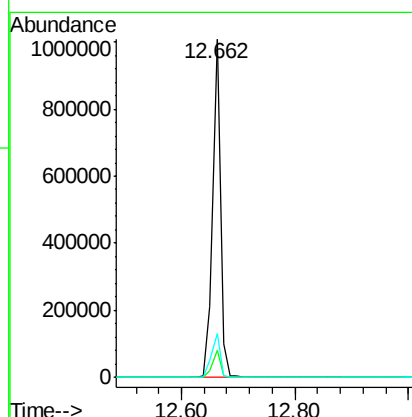
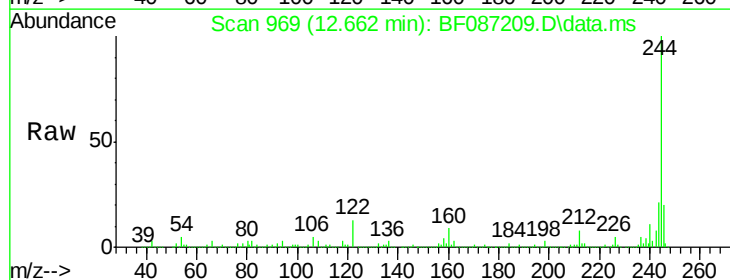
Tgt Ion:244 Resp: 919669

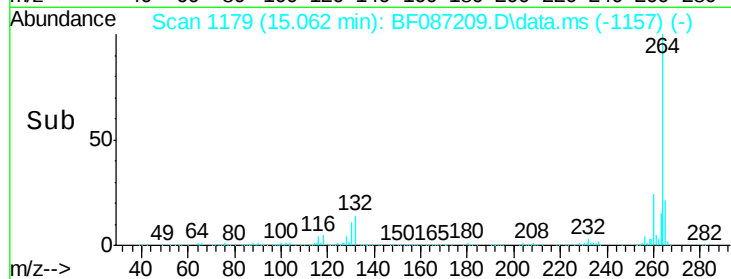
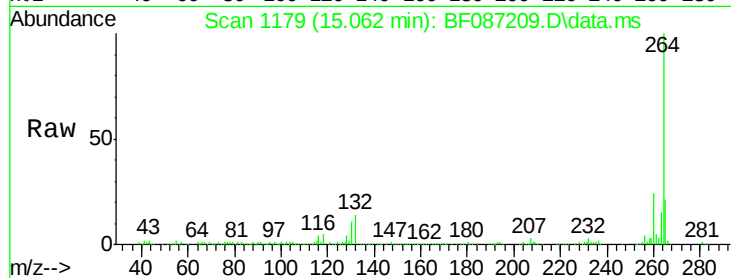
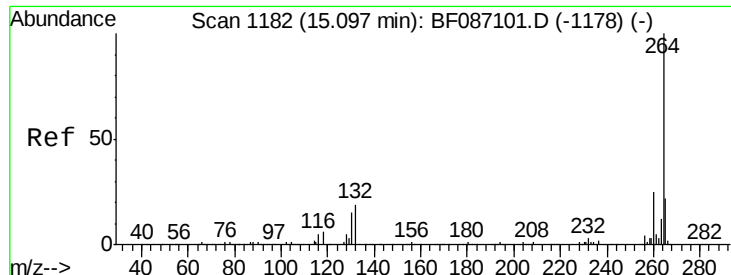
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 12.8 12.0 18.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.062 min Scan# 11
 Delta R.T. -0.046 min
 Lab File: BF087209.D
 Acq: 20 May 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:	264	Resp:	252241
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.3	17.3	25.9

