

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087217.D
 Acq On : 20 May 2016 7:36
 Operator : UM/SJ
 Sample : H3141-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Quant Time: May 20 10:03:14 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)

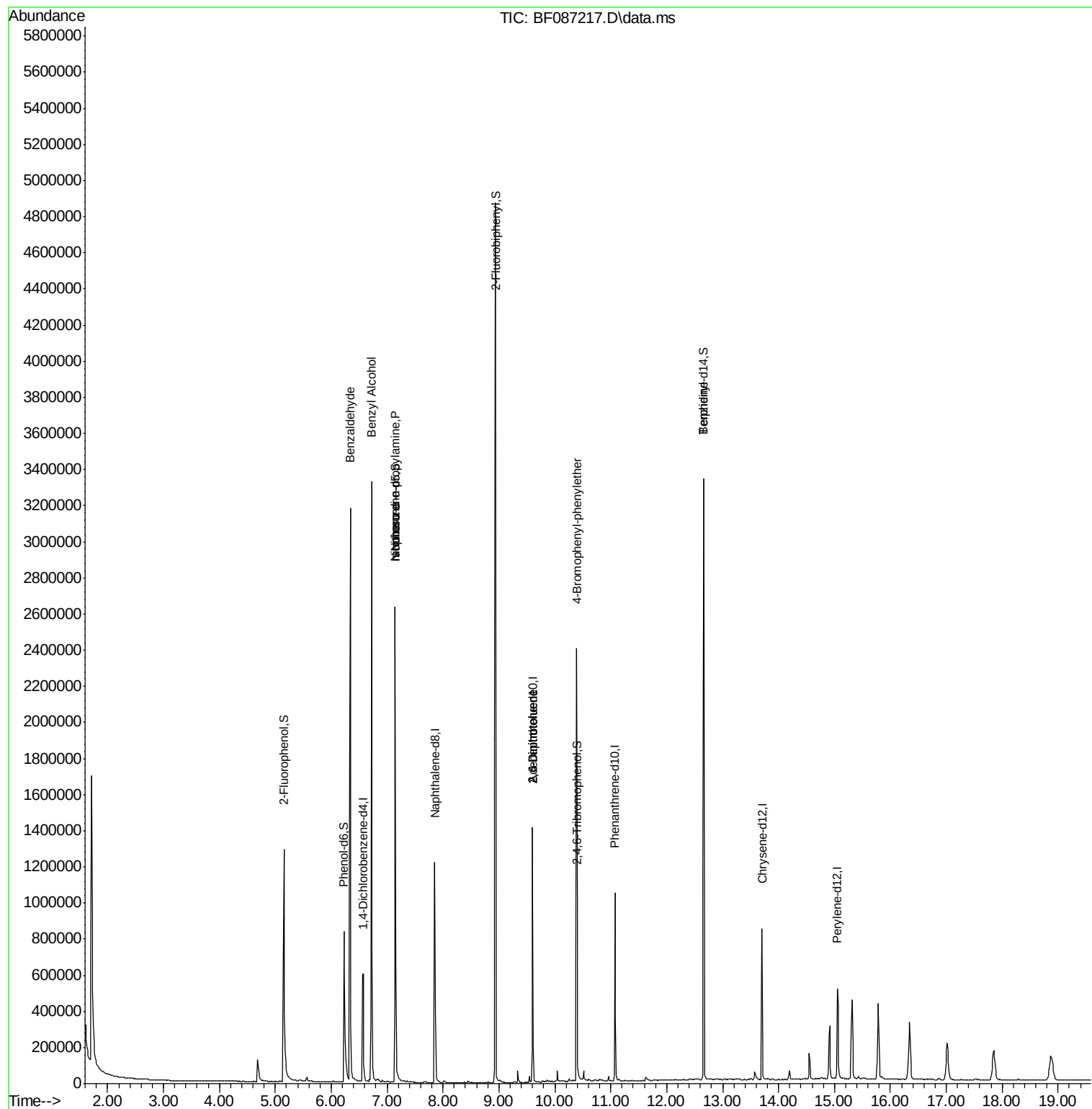
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.570	152	132023	20.00	ng	-0.03
21) Naphthalene-d8	7.850	136	546535	20.00	ng	-0.05
38) Acenaphthene-d10	9.599	164	249215	20.00	ng	-0.05
63) Phenanthrene-d10	11.074	188	389502	20.00	ng	-0.05
75) Chrysene-d12	13.702	240	273020	20.00	ng	-0.06
86) Perylene-d12	15.051	264	257155	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.153	112	492367	31.34	ng	-0.05
7) Phenol-d6	6.227	99	412230	19.57	ng	-0.06
23) Nitrobenzene-d5	7.142	82	861138	39.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.399	330	313334	56.89	ng	-0.05
44) 2-Fluorobiphenyl	8.936	172	1485152	49.35	ng	-0.05
78) Terphenyl-d14	12.662	244	1009061	41.80	ng	-0.05
Target Compounds						
						Qvalue
9) Benzaldehyde	6.342	77	25949	3.39	ng	# 80
15) Benzyl Alcohol	6.719	79	15867	2.02	ng	# 43
19) n-Nitroso-di-n-propyla...	7.142	70	122485	15.30	ng	# 72
25) Isophorone	7.142	82	761278	37.92	ng	# 68
50) 2,6-Dinitrotoluene	9.599	165	32278	7.82	ng	# 21
56) 2,4-Dinitrotoluene	9.599	165	32278	6.11	ng	# 16
66) 4-Bromophenyl-phenylether	10.388	248	17349	4.33	ng	# 1
76) Benzidine	12.662	184	15855	2.50	ng	# 91

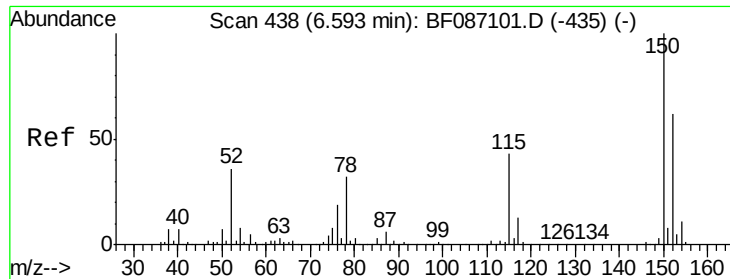
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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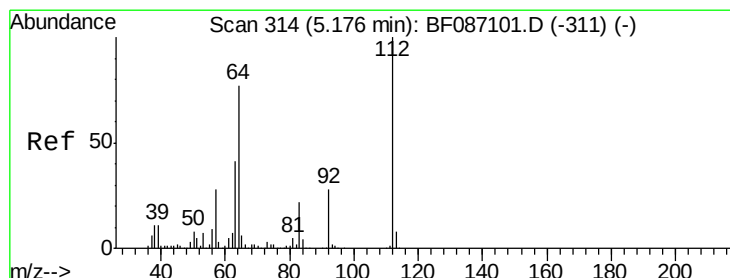
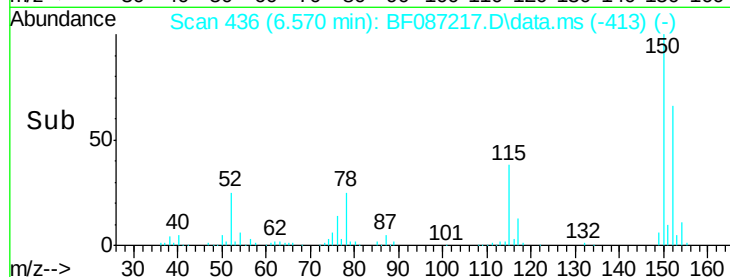
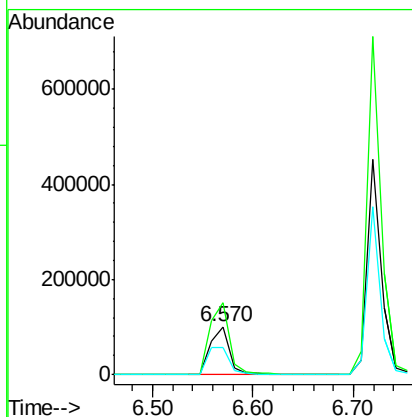
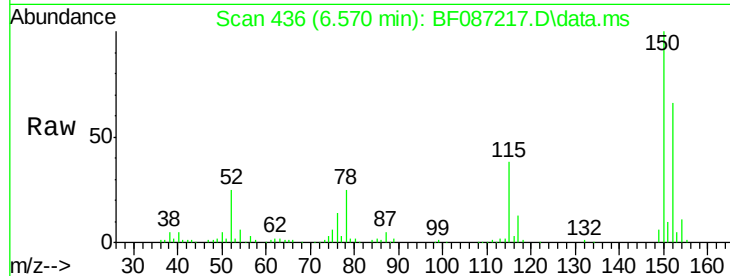




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.570 min Scan# 43
 Delta R.T. -0.034 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

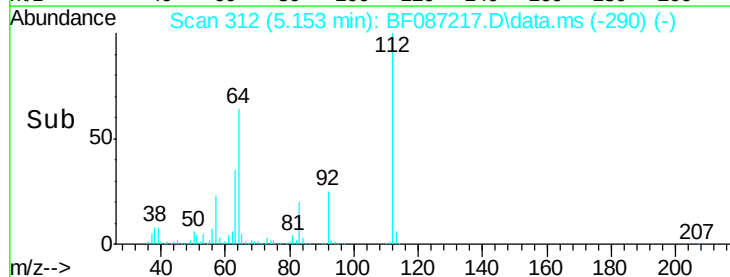
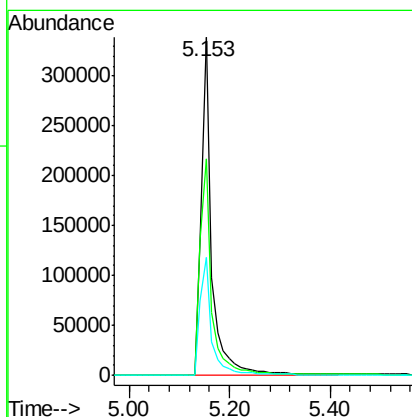
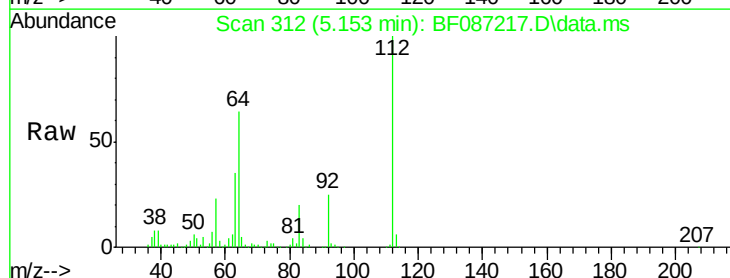
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

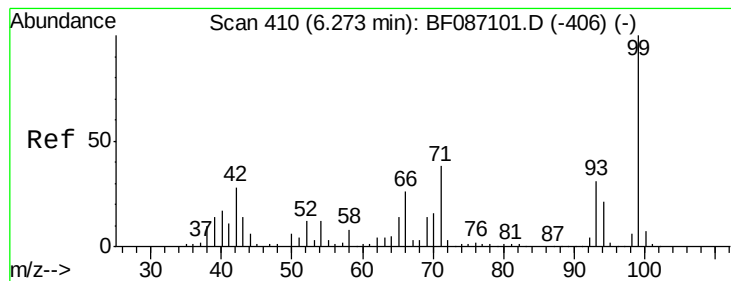
Tot Ion:152 Resp: 132023
 Ion Ratio Lower Upper
 152 100
 150 150.8 125.8 188.6
 115 57.4 51.5 77.3



#5
 2-Fluorophenol
 Concen: 31.34 ng
 RT: 5.153 min Scan# 312
 Delta R.T. -0.046 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Tgt Ion:112 Resp: 492367
 Ion Ratio Lower Upper
 112 100
 64 64.1 52.1 78.1
 63 35.0 25.7 38.5





#7

Phenol-d6

Concen: 19.57 ng

RT: 6.227 min Scan# 40

Delta R.T. -0.057 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

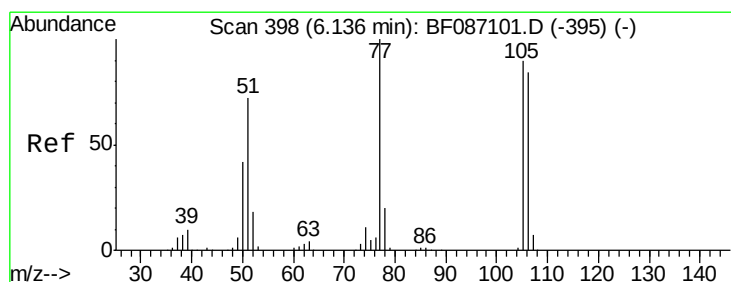
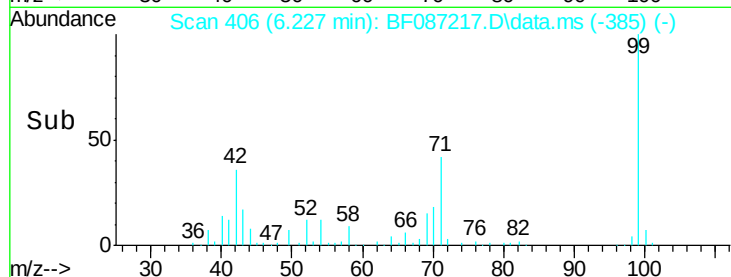
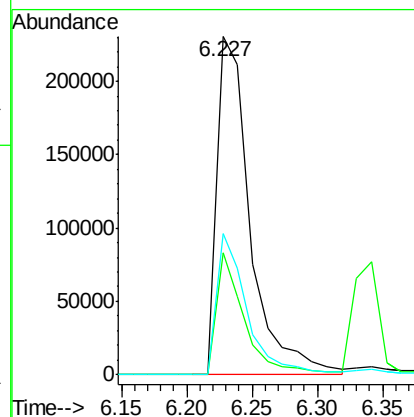
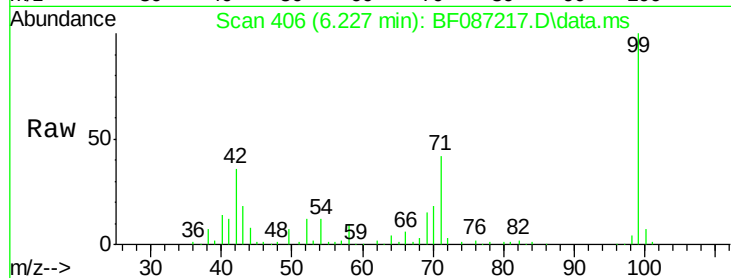
Tot Ion: 99 Resp: 412230

Ion Ratio Lower Upper

99 100

42 36.2 13.6 20.4#

71 41.8 24.6 36.8#



#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.342 min Scan# 416

Delta R.T. 0.195 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

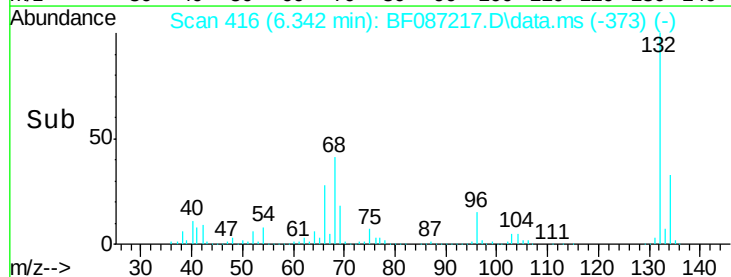
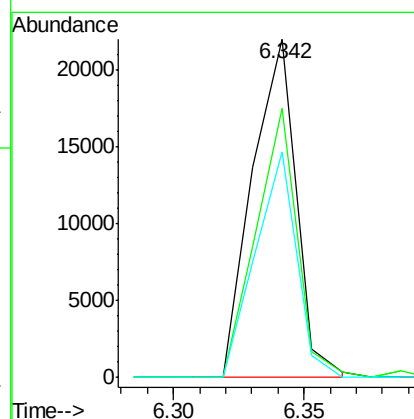
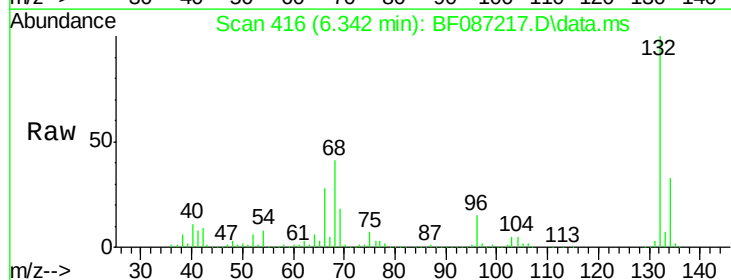
Tgt Ion: 77 Resp: 25949

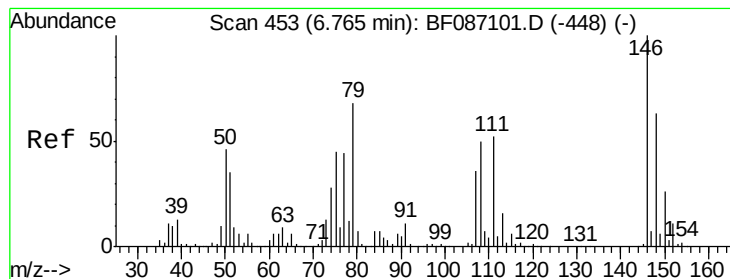
Ion Ratio Lower Upper

77 100

105 79.5 72.7 112.7

106 66.8 70.8 110.8#





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.719 min Scan# 44

Delta R.T. -0.057 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

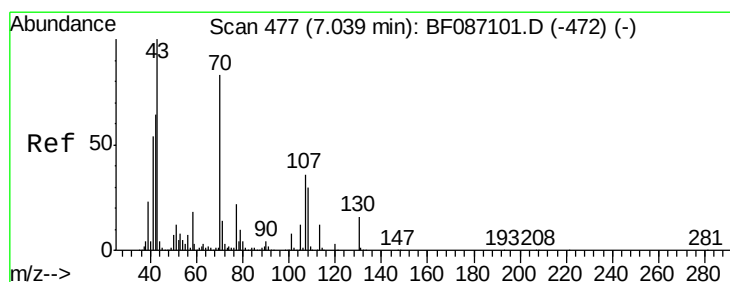
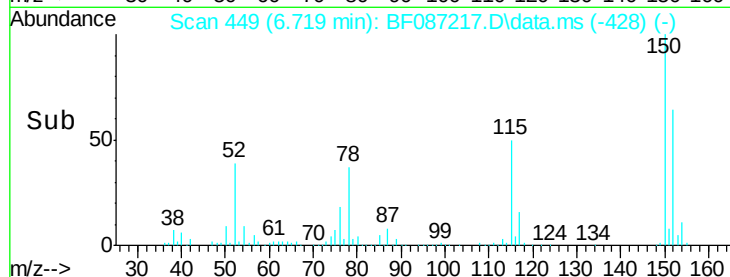
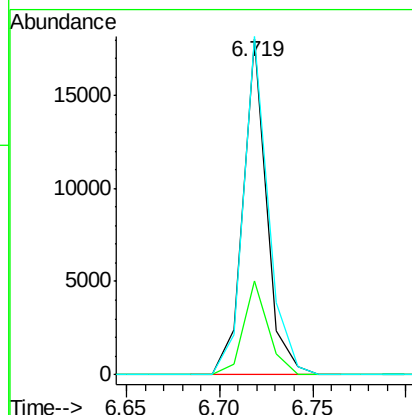
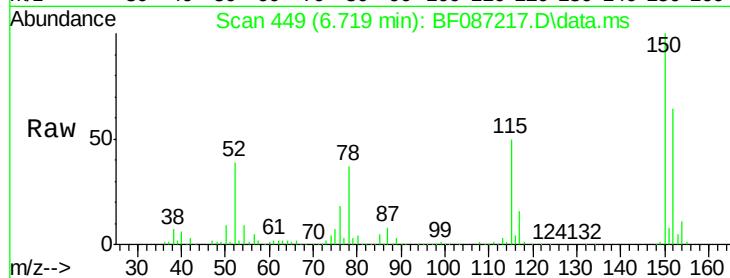
Tot Ion: 79 Resp: 15867

Ion Ratio Lower Upper

79 100

108 27.9 68.4 102.6#

77 100.9 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 7.142 min Scan# 486

Delta R.T. 0.092 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

Tgt Ion: 70 Resp: 122485

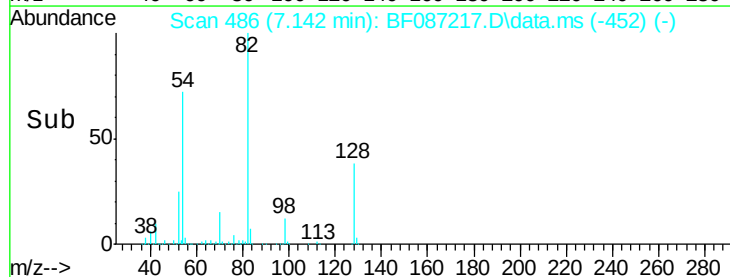
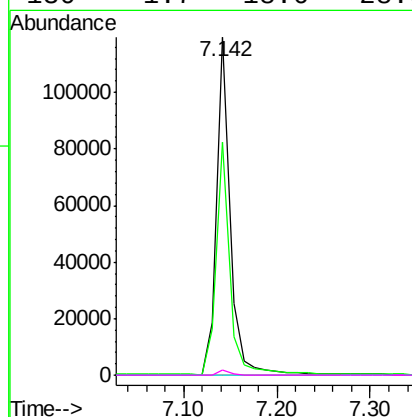
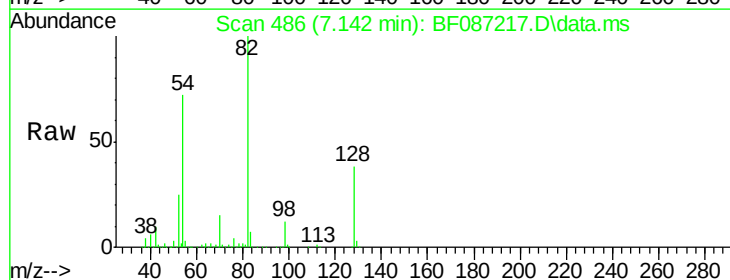
Ion Ratio Lower Upper

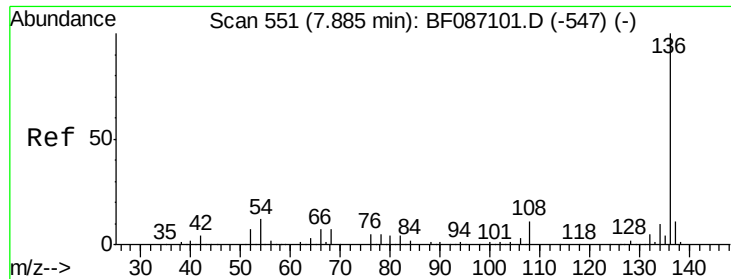
70 100

42 68.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

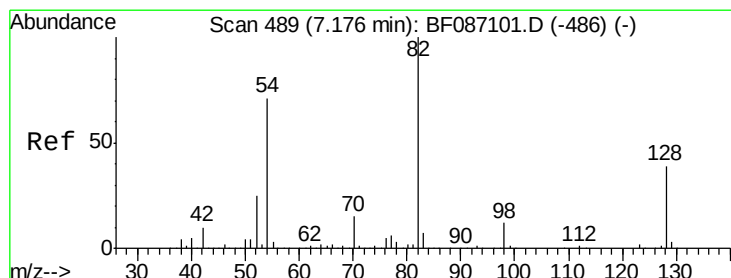
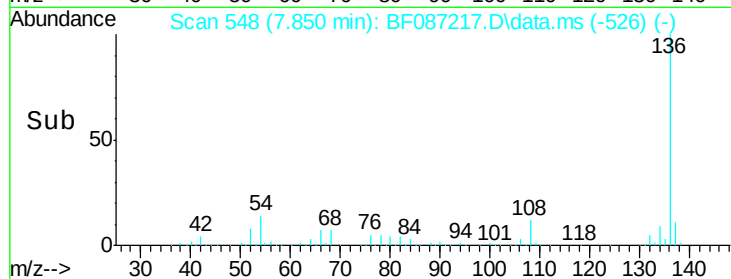
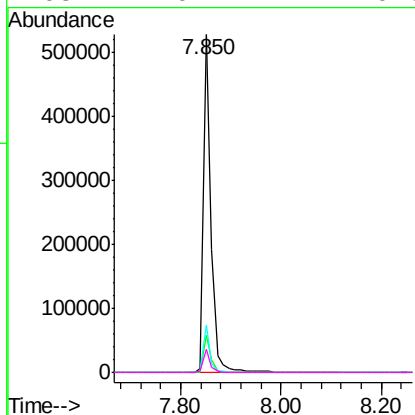
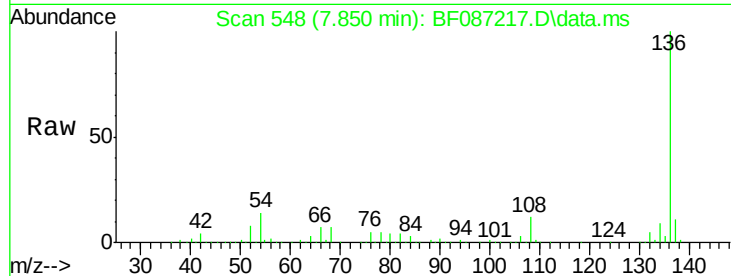




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.850 min Scan# 54
Delta R.T. -0.046 min
Lab File: BF087217.D
Acq: 20 May 2016 7:36

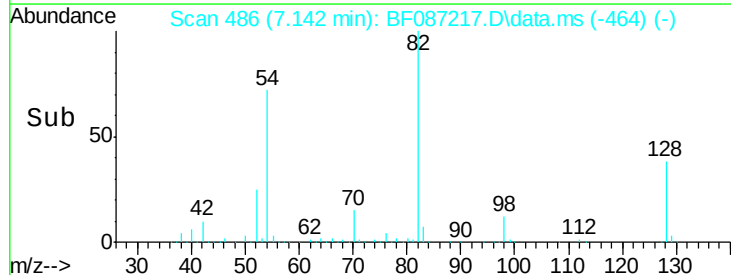
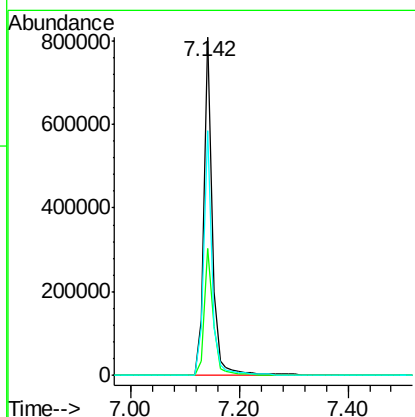
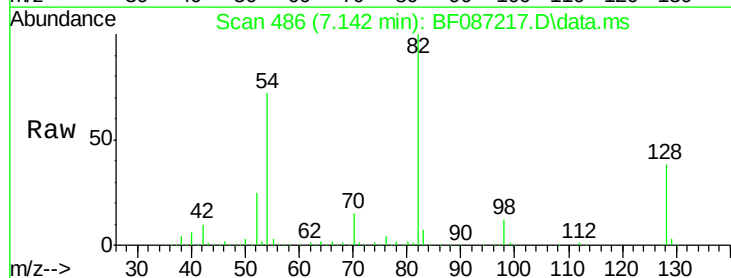
Instrument :
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ClientSampleId :
RAV-GT-106

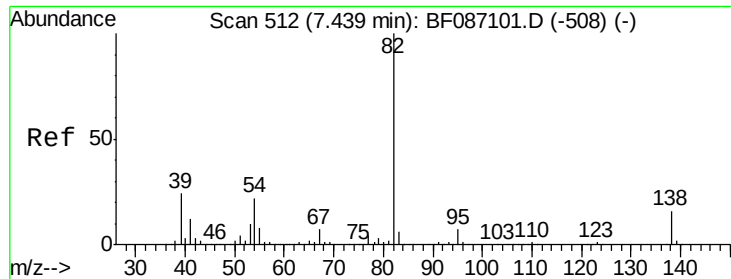
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.9	5.0	7.4#
68	7.0	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 39.26 ng
RT: 7.142 min Scan# 486
Delta R.T. -0.046 min
Lab File: BF087217.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	72.2	38.1	57.1#





#25

Isophorone

Concen: 37.92 ng

RT: 7.142 min Scan# 48

Delta R.T. -0.308 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

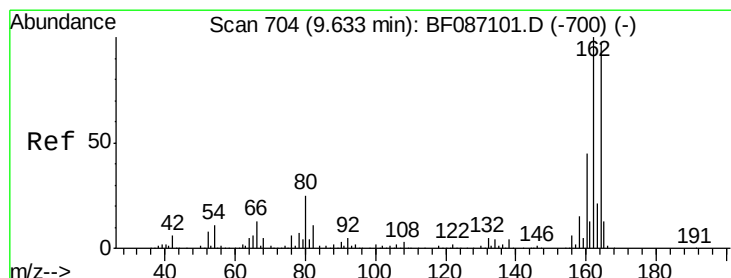
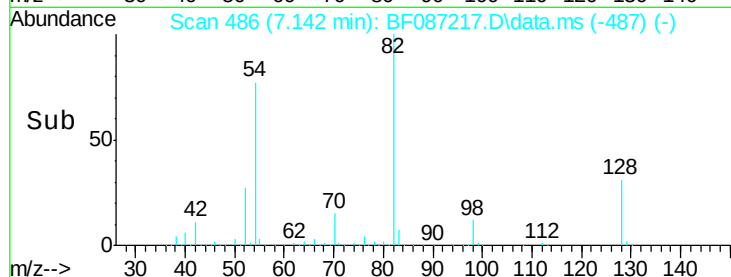
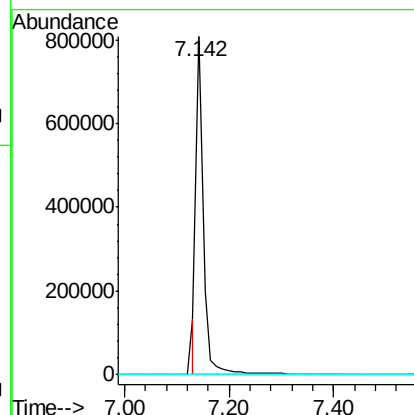
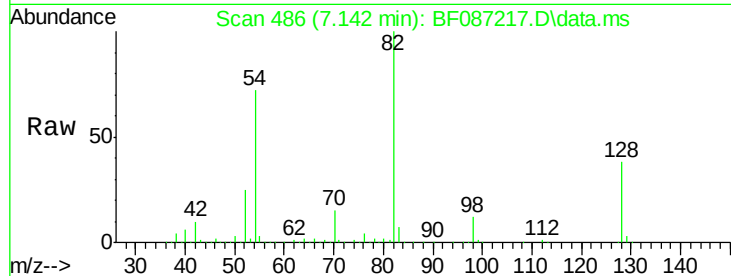
Tot Ion: 82 Resp: 761278

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.599 min Scan# 701

Delta R.T. -0.046 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

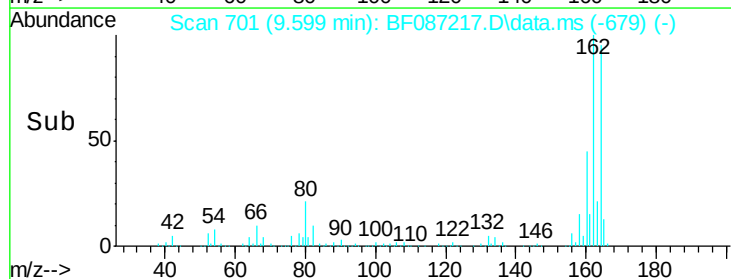
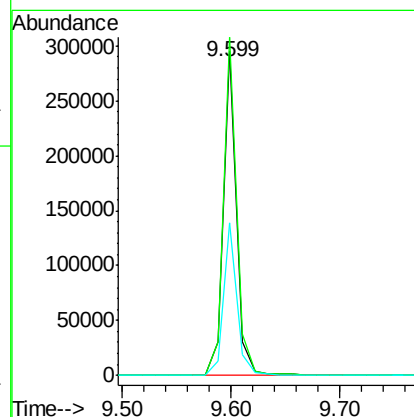
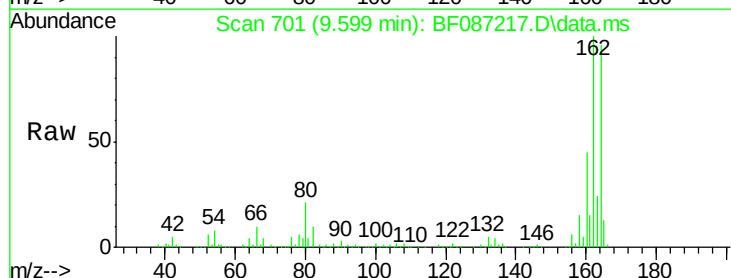
Tgt Ion: 164 Resp: 249215

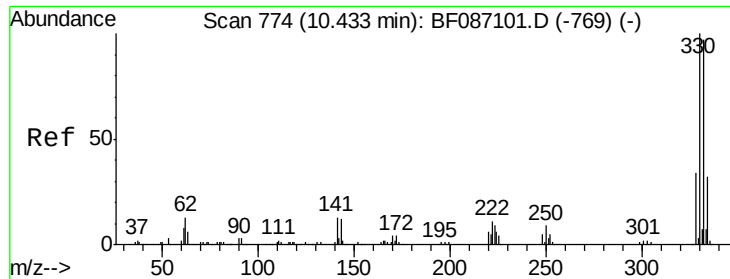
Ion Ratio Lower Upper

164 100

162 104.5 82.8 124.2

160 47.1 36.9 55.3

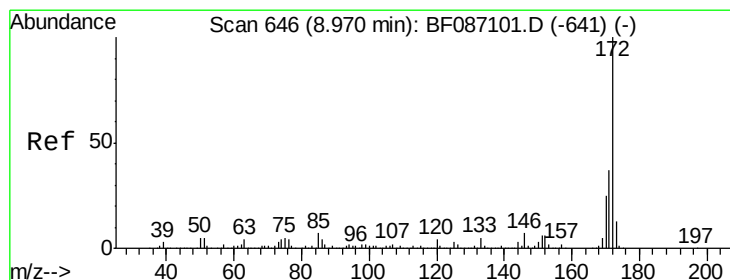
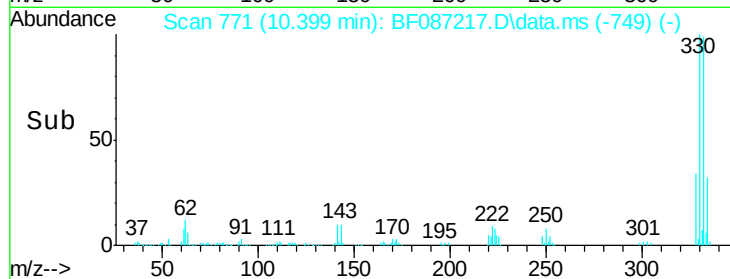
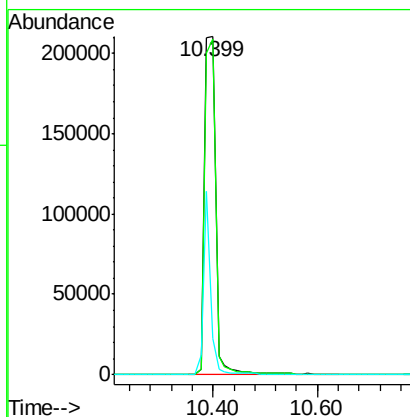
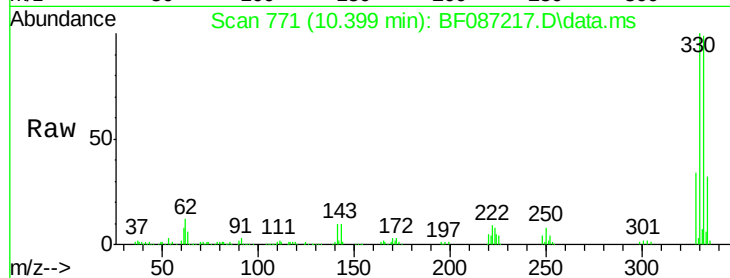




#41
 2,4,6-Tribromophenol
 Concen: 56.89 ng
 RT: 10.399 min Scan# 774
 Delta R.T. -0.046 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

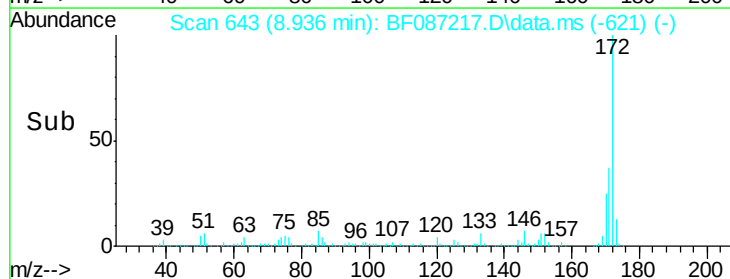
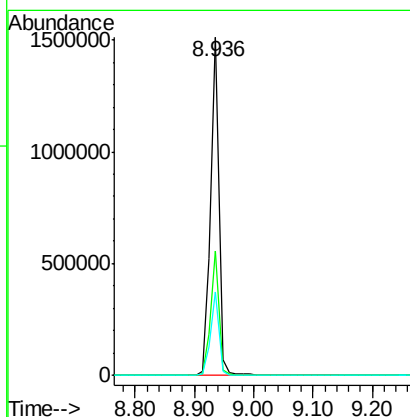
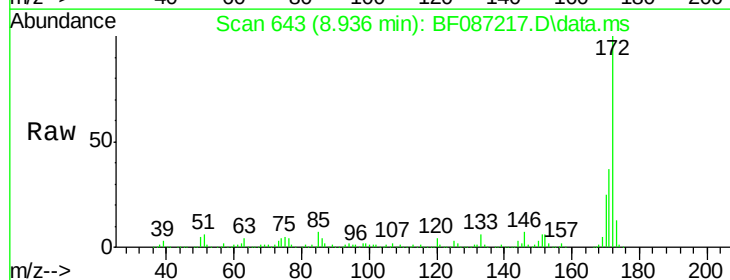
Instrument :
 BNA_F
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 RAV-GT-106

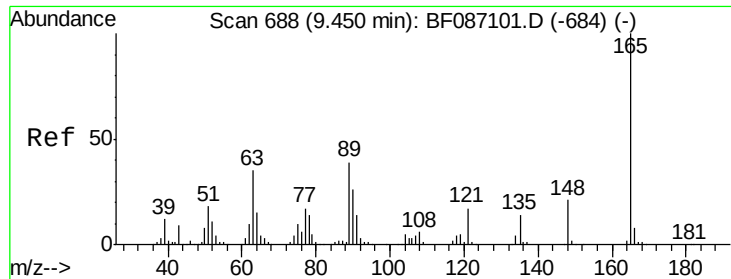
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	34.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 49.35 ng
 RT: 8.936 min Scan# 643
 Delta R.T. -0.046 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	19.8	29.8

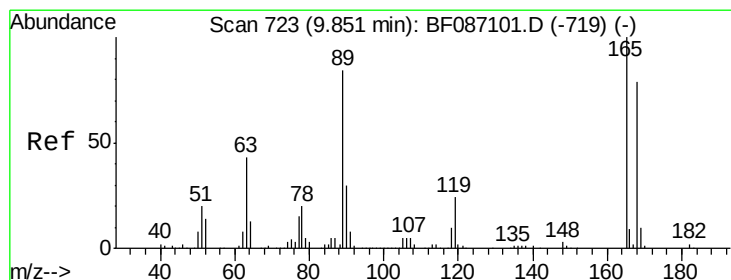
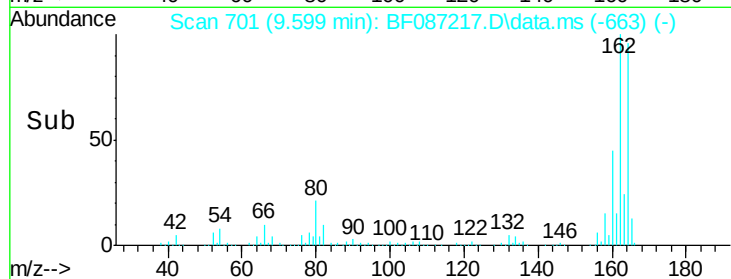
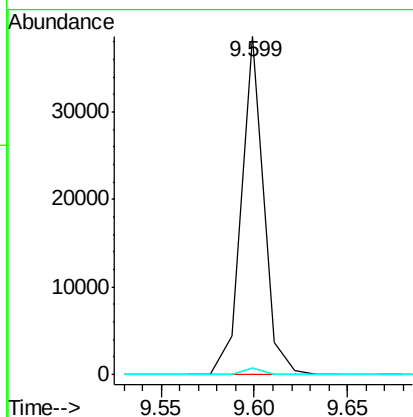
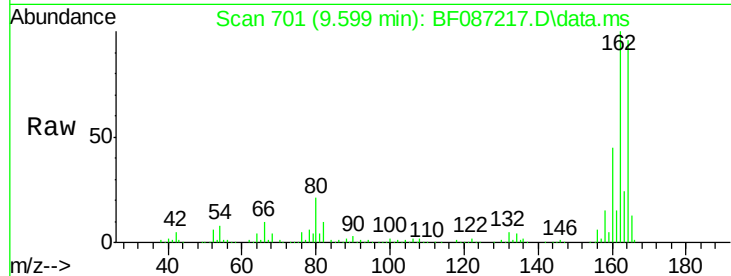




#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.599 min Scan# 701
 Delta R.T. 0.137 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

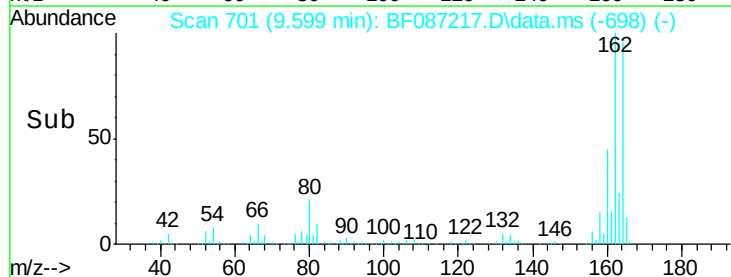
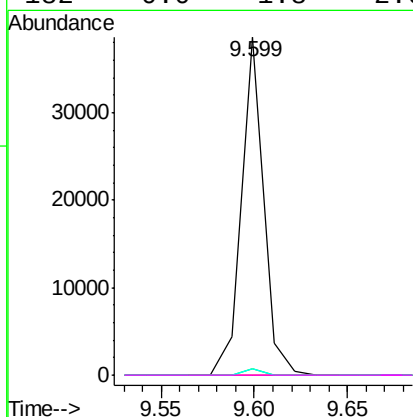
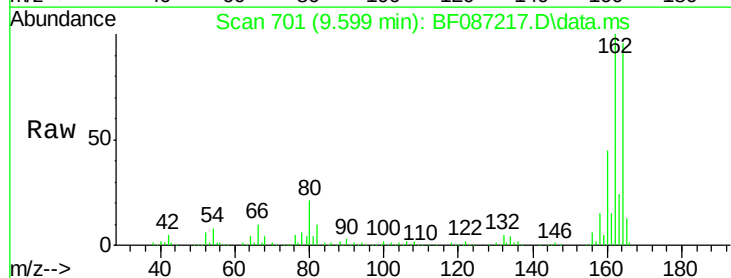
Instrument :
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 RAV-GT-106

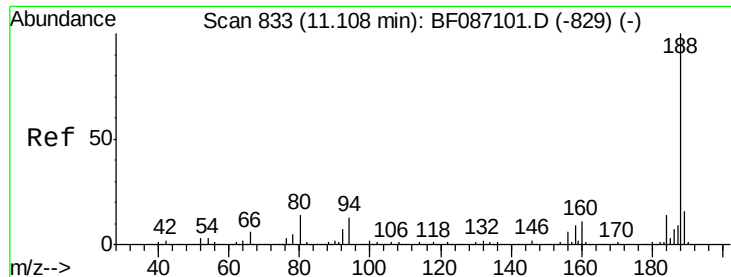
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.9	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.599 min Scan# 701
 Delta R.T. -0.263 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

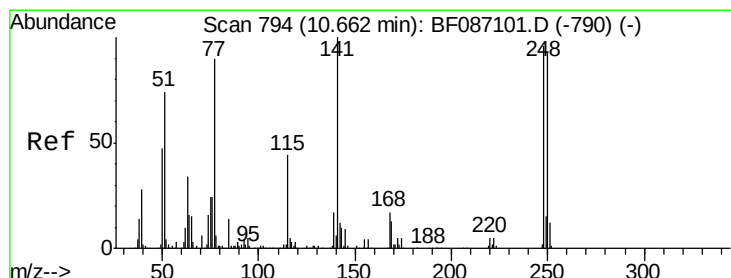
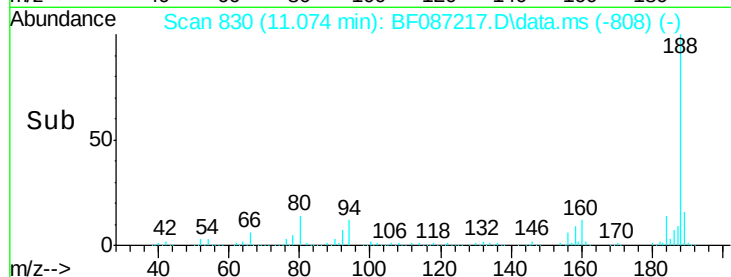
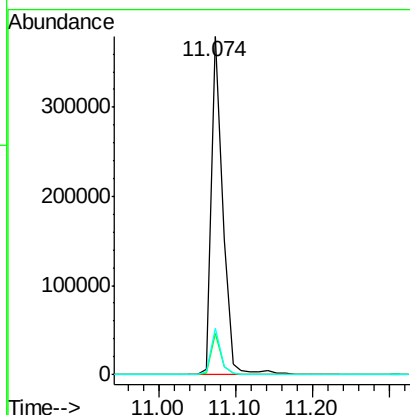
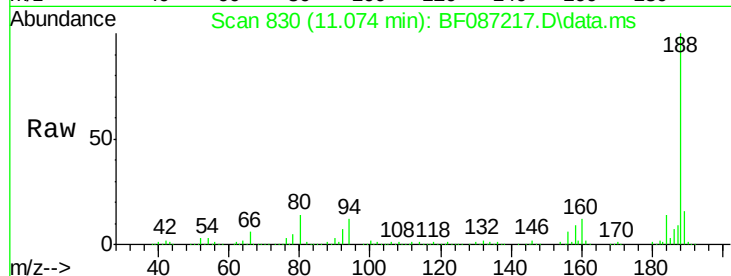




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.074 min Scan# 83
 Delta R.T. -0.046 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

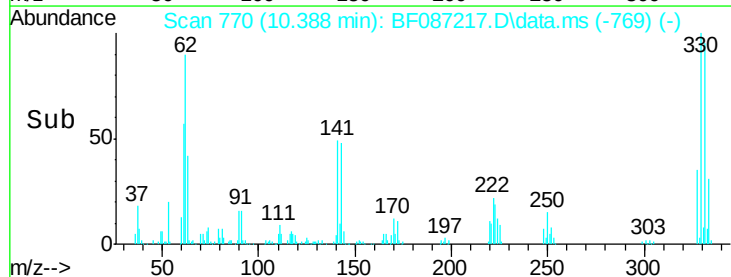
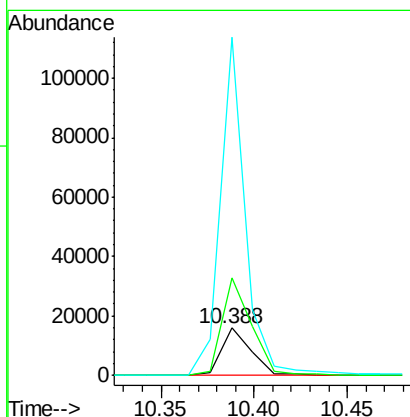
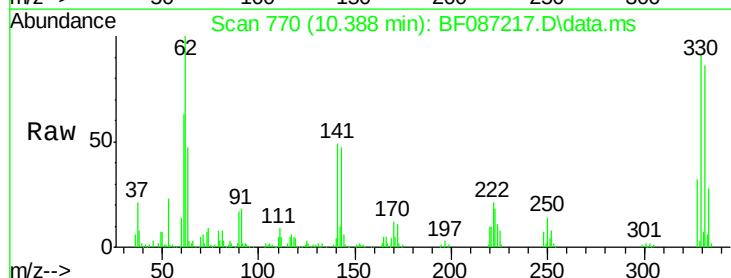
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

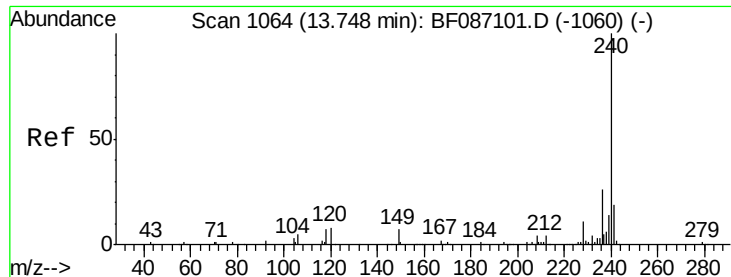
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.8	10.2#
80	13.8	7.1	10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.33 ng
 RT: 10.388 min Scan# 770
 Delta R.T. -0.286 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.2	78.6	117.8#
141	716.1	76.0	114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.702 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

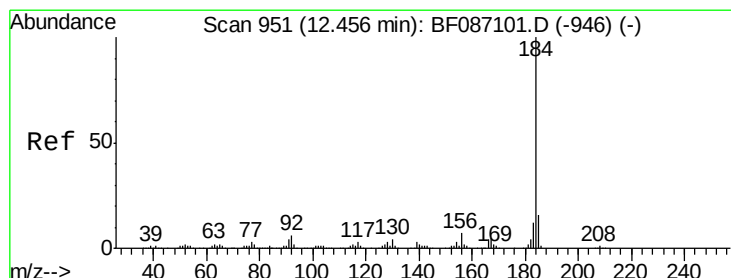
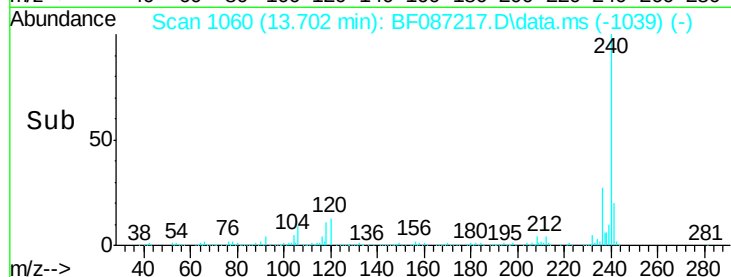
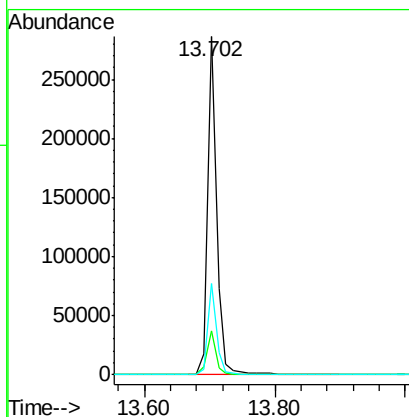
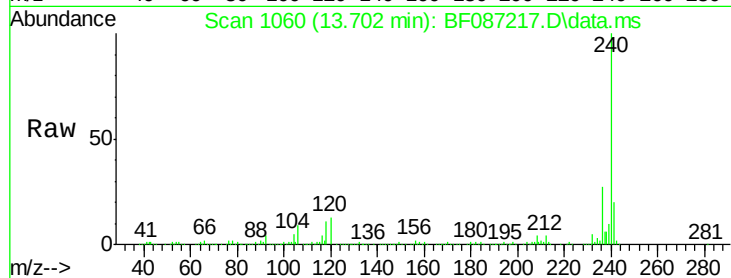
Tot Ion:240 Resp: 273020

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

236 27.0 21.2 31.8



#76

Benzidine

Concen: 2.50 ng

RT: 12.662 min Scan# 969

Delta R.T. 0.195 min

Lab File: BF087217.D

Acq: 20 May 2016 7:36

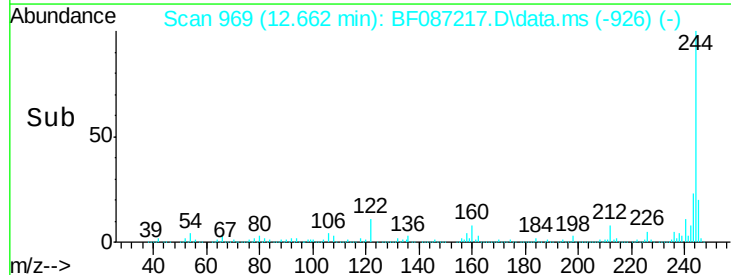
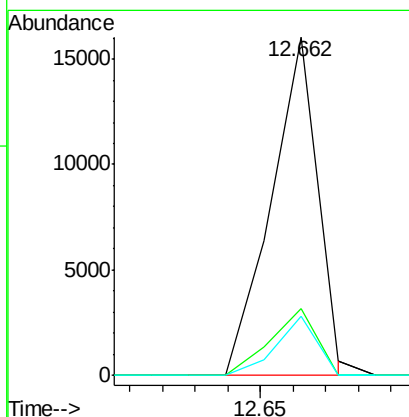
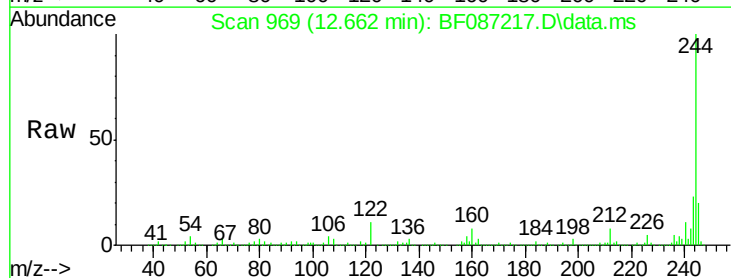
Tgt Ion:184 Resp: 15855

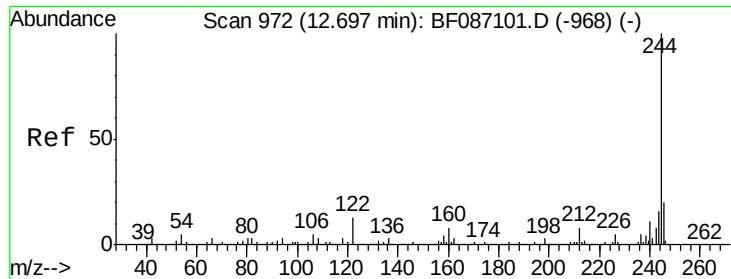
Ion Ratio Lower Upper

184 100

185 19.6 13.6 20.4

183 17.3 9.8 14.6#

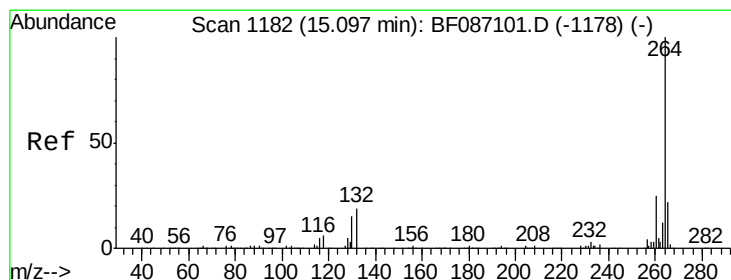
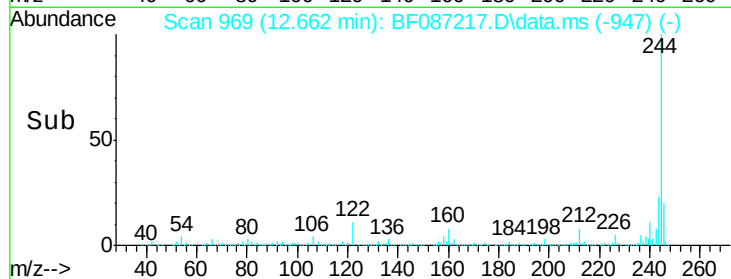
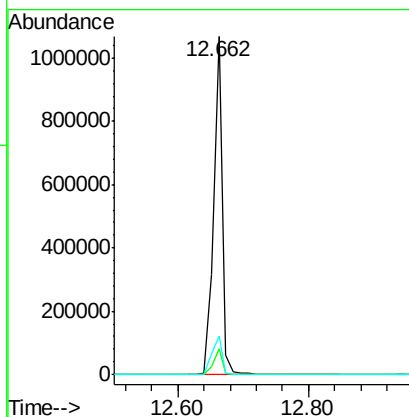
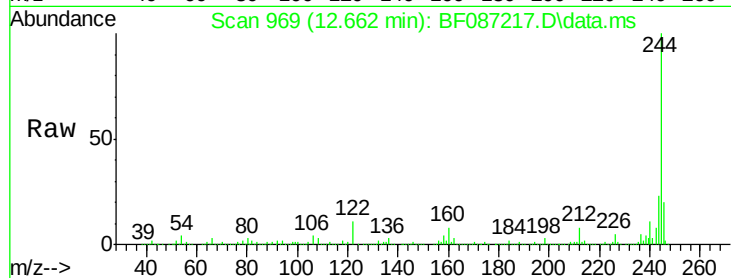




#78
 Terphenyl-d14
 Concen: 41.80 ng
 RT: 12.662 min Scan# 96
 Delta R.T. -0.046 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Tot Ion:244 Resp: 1009061
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.051 min Scan# 1178
 Delta R.T. -0.057 min
 Lab File: BF087217.D
 Acq: 20 May 2016 7:36

Tgt Ion:264 Resp: 257155
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.9 17.3 25.9

