

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087591.D
 Acq On : 31 May 2016 20:49
 Operator : UM/SJ
 Sample : H3222-12RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jun 01 00:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

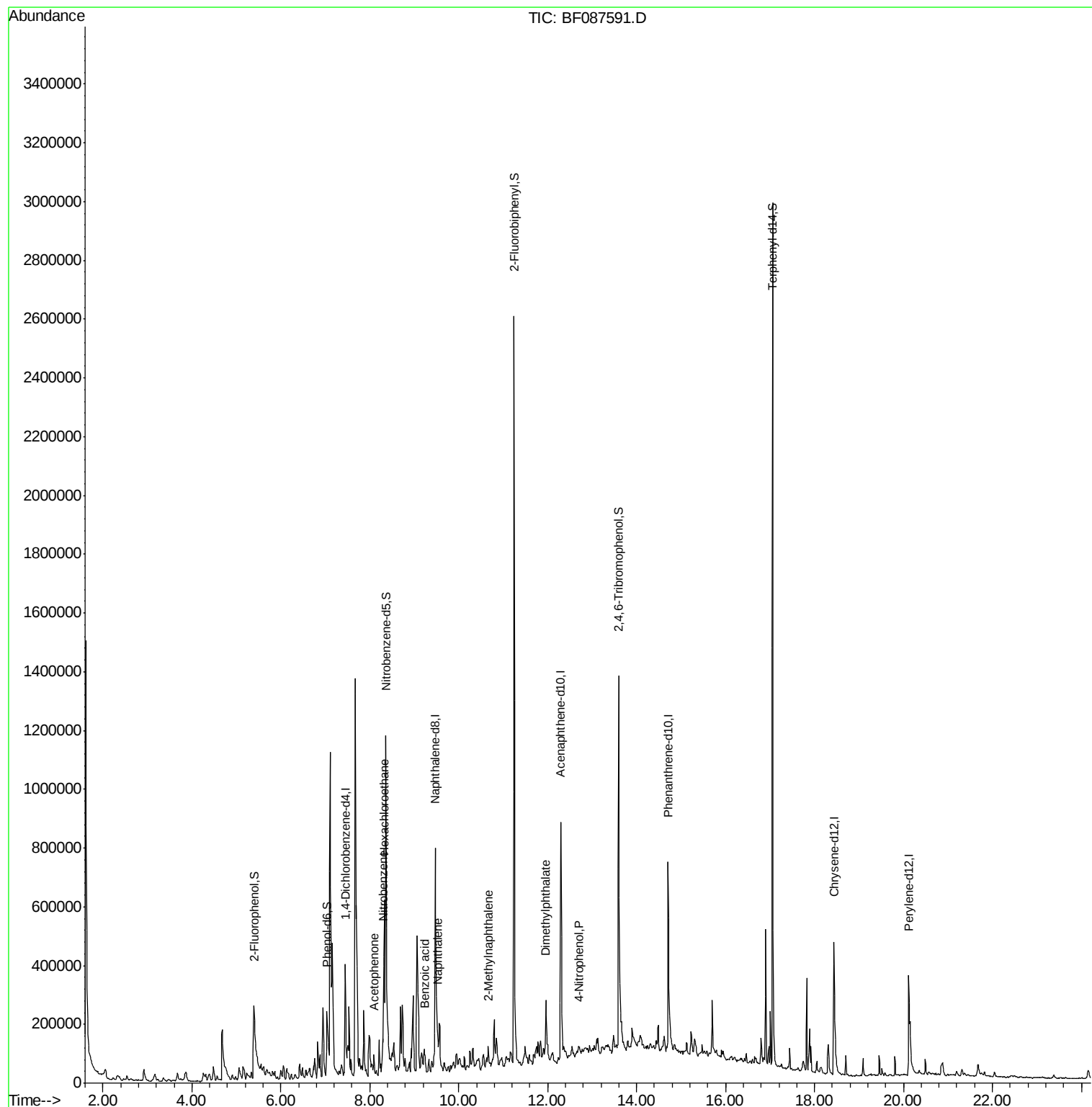
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	109286	20.00	ng	-0.07
21) Naphthalene-d8	9.47	136	450662	20.00	ng	-0.08
38) Acenaphthene-d10	12.30	164	214489	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	417203	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	380684	20.00	ng	-0.05
86) Perylene-d12	20.11	264	298553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	250168	40.22	ng	-0.02
7) Phenol-d6	7.04	99	226819	26.99	ng	-0.03
23) Nitrobenzene-d5	8.36	82	675116	75.50	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	205164	99.54	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1103379	72.52	ng	-0.09
78) Terphenyl-d14	17.06	244	1060111	59.20	ng	-0.07
Target Compounds						
18) Hexachloroethane	8.33	117	288507	89.05	ng	# 10
22) Acetophenone	8.09	105	40911	3.80	ng	# 54
24) Nitrobenzene	8.31	77	38080	4.03	ng	# 20
31) Naphthalene	9.52	128	63342	2.80	ng	# 69
32) Benzoic acid	9.23	122	234	5.88	ng	# 1
37) 2-Methylnaphthalene	10.66	142	35984	2.55	ng	# 94
49) Dimethylphthalate	11.95	163	103259	6.01	ng	# 98
55) 4-Nitrophenol	12.70	139	5512	3.25	ng	# 61

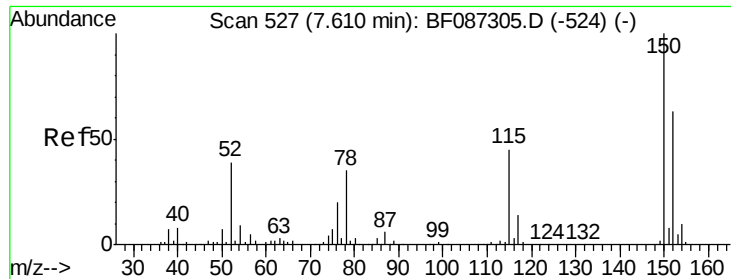
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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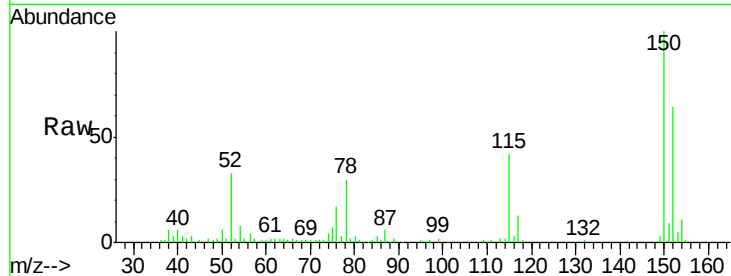


#1

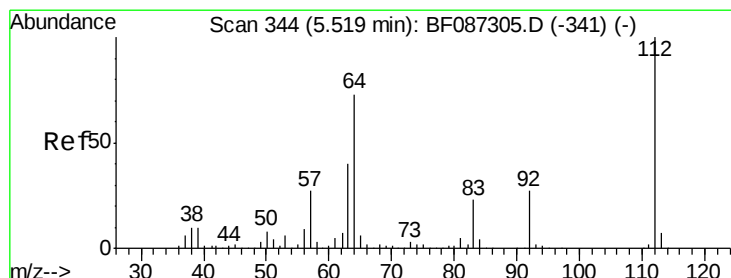
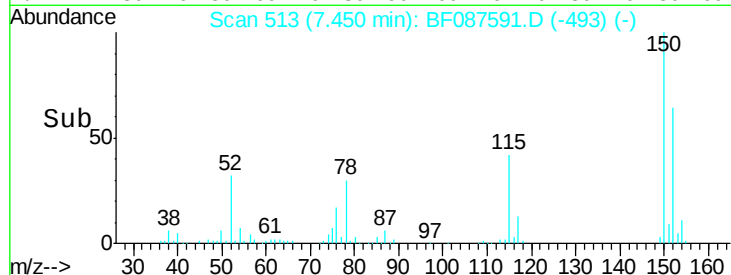
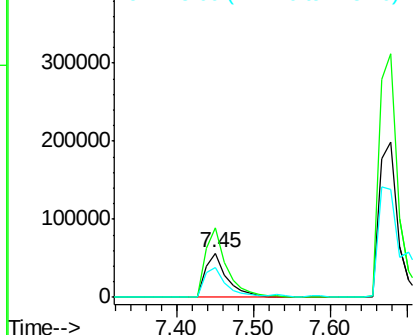
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 109286
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 65.8 51.5 77.3



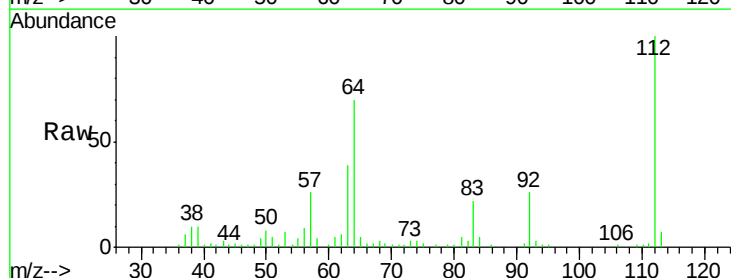
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



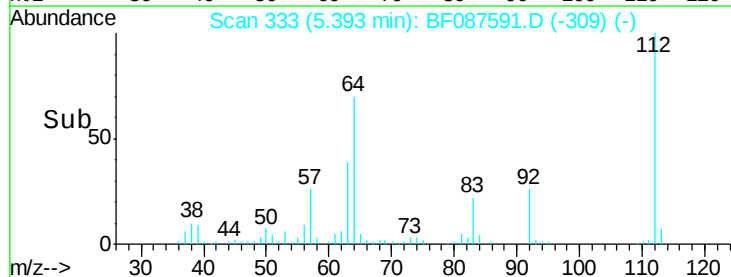
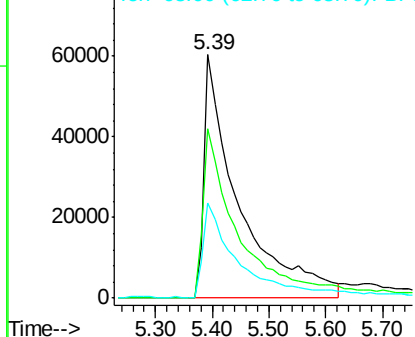
#5

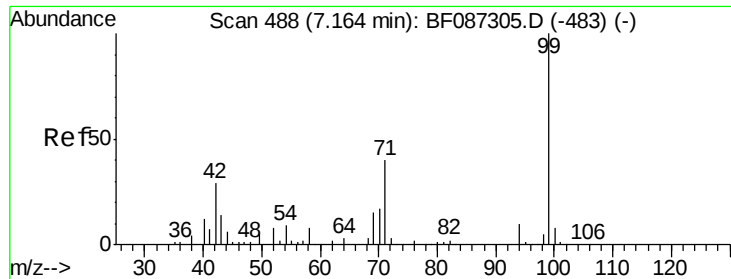
2-Fluorophenol
Concen: 40.22 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.02 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:112 Resp: 250168
Ion Ratio Lower Upper
112 100
64 69.5 52.1 78.1
63 39.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.99 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Instrument :

BNA_F

ClientSampleId :

MW-11

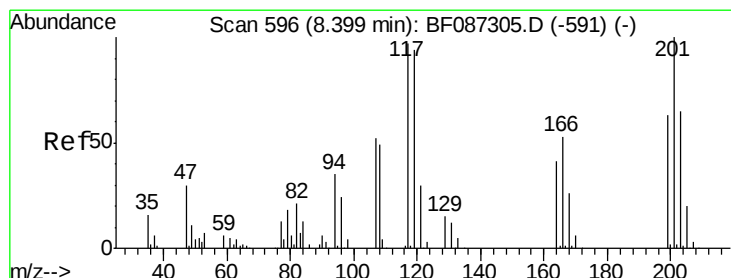
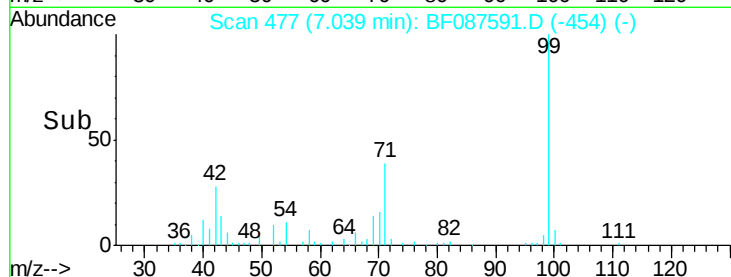
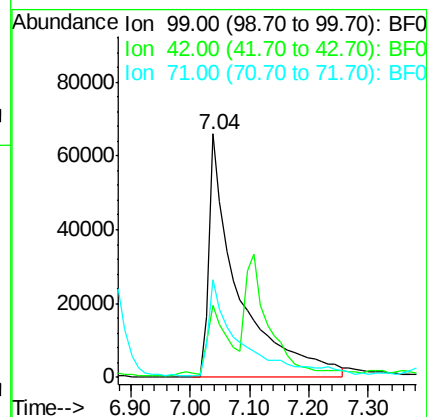
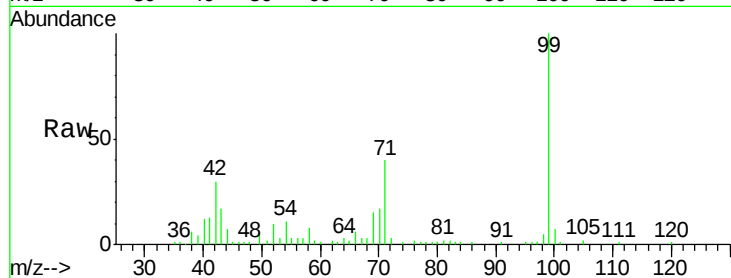
Tgt Ion: 99 Resp: 226819

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 39.9 24.6 36.8#



#18

Hexachloroethane

Concen: 89.05 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.03 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

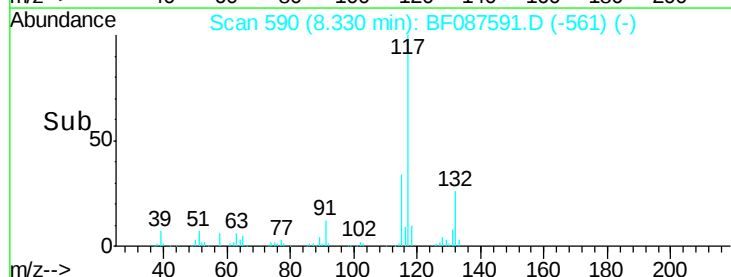
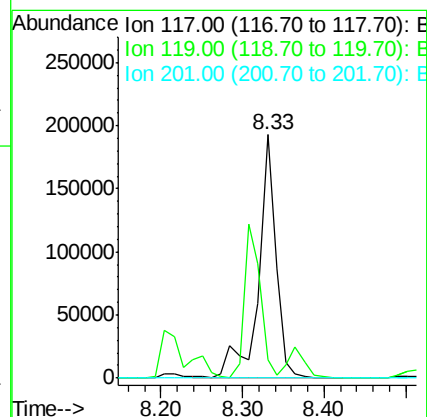
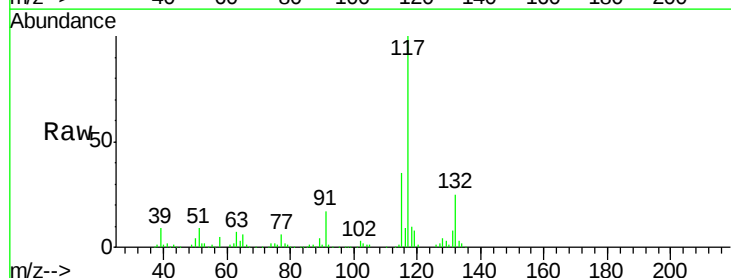
Tgt Ion: 117 Resp: 288507

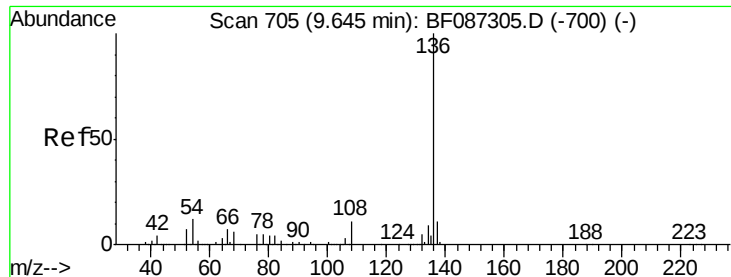
Ion Ratio Lower Upper

117 100

119 7.6 76.5 114.7#

201 0.0 63.0 94.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.08 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

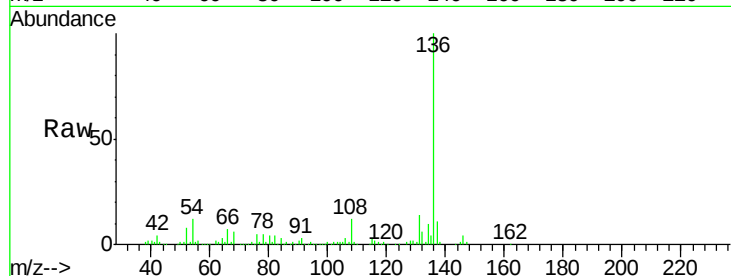
Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion:	136	Resp:	450662
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.6	5.0	7.4#
68	5.7	4.4	6.6

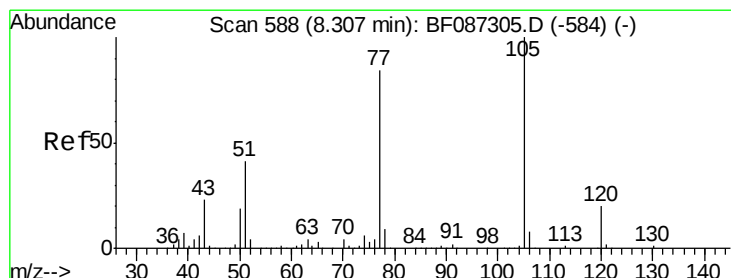
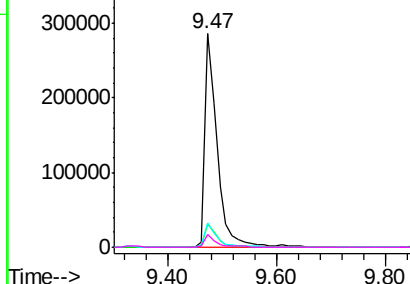
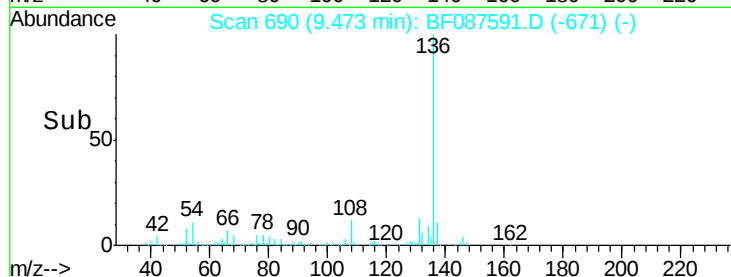


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 3.80 ng

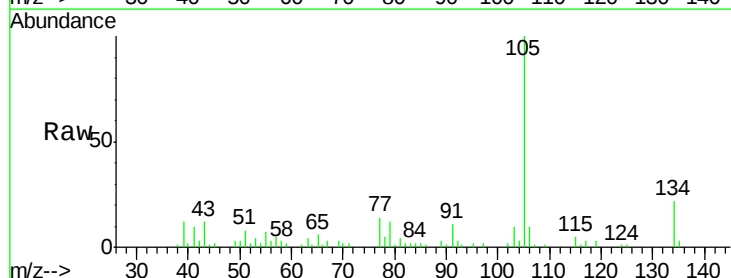
RT: 8.09 min Scan# 569

Delta R.T. -0.13 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Tgt Ion:	105	Resp:	40911
Ion	Ratio	Lower	Upper
105	100		
71	2.0	4.8	7.2#
51	8.0	32.6	49.0#
120	0.0	16.5	24.7#

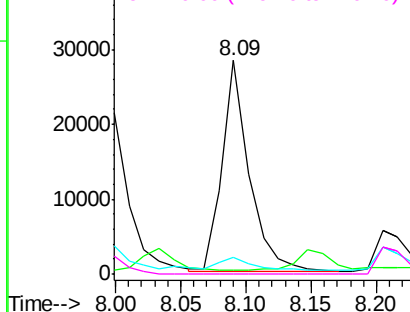
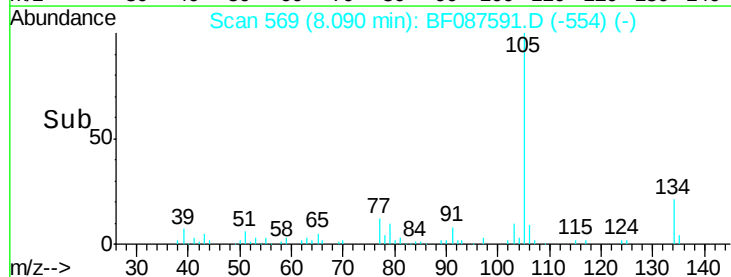


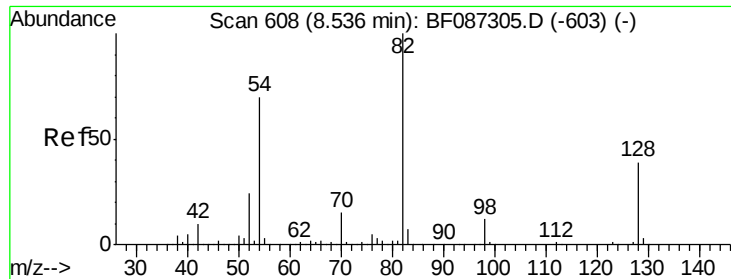
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

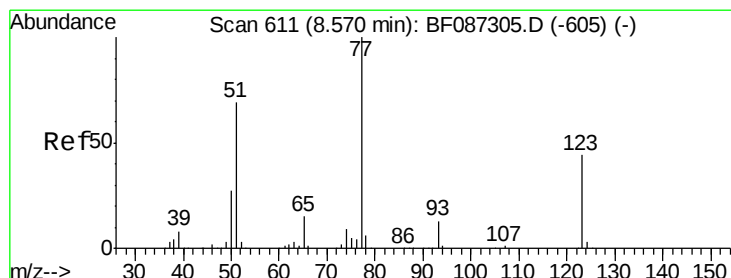
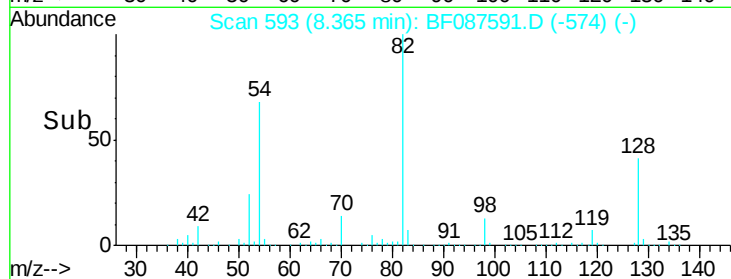
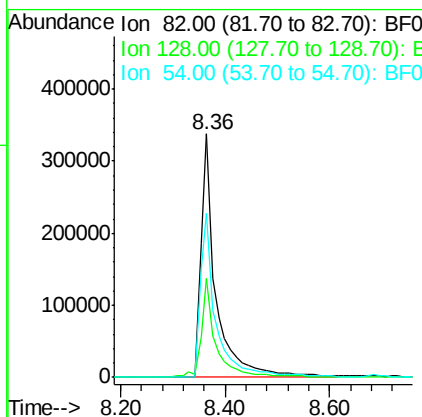
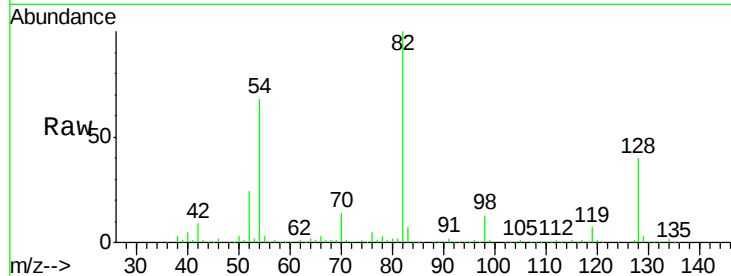




#23
 Nitrobenzene-d5
 Concen: 75.50 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.08 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

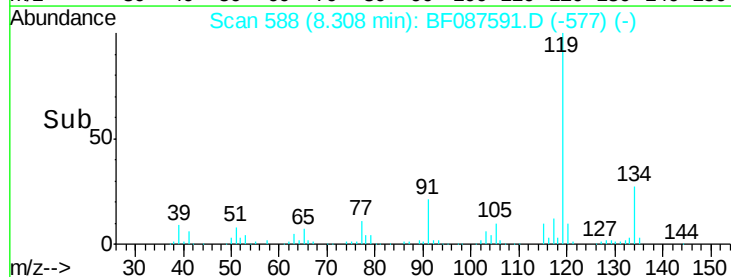
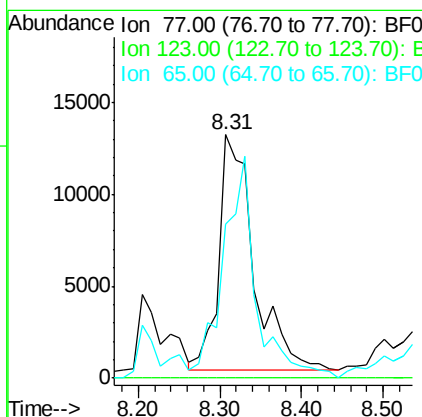
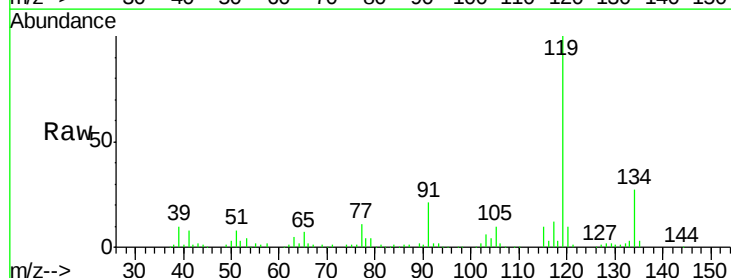
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

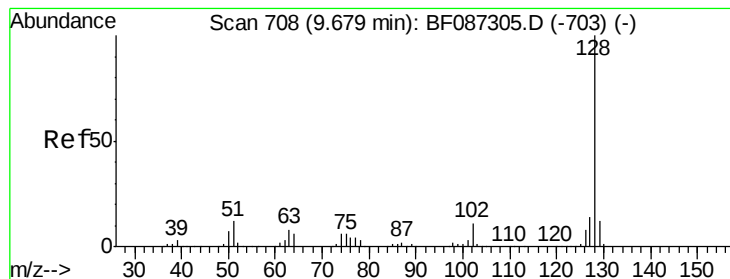
Tgt Ion: 82 Resp: 675116
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 67.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 4.03 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.17 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Tgt Ion: 77 Resp: 38080
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 63.4 10.8 16.2#





#31

Naphthalene

Concen: 2.80 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Instrument :

BNA_F

ClientSampleId :

MW-11

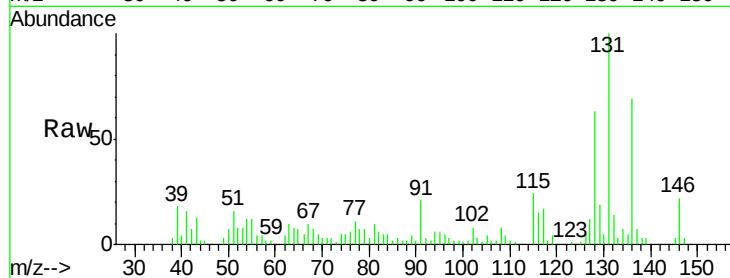
Tgt Ion:128 Resp: 63342

Ion Ratio Lower Upper

128 100

129 29.7 8.6 13.0#

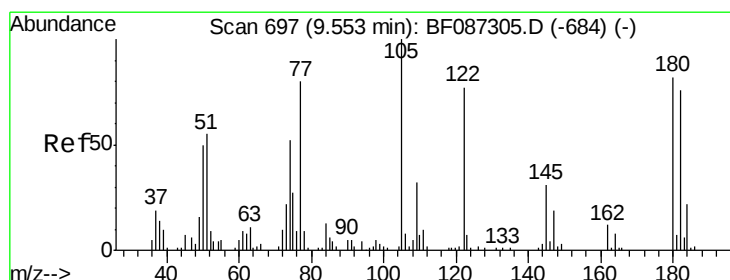
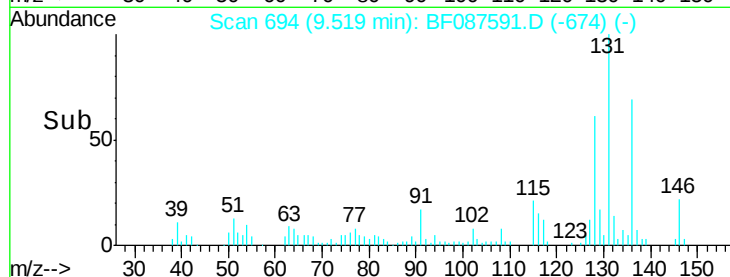
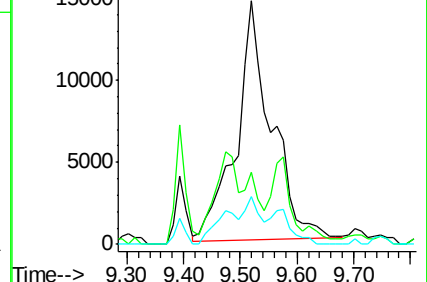
127 19.7 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.88 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.22 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

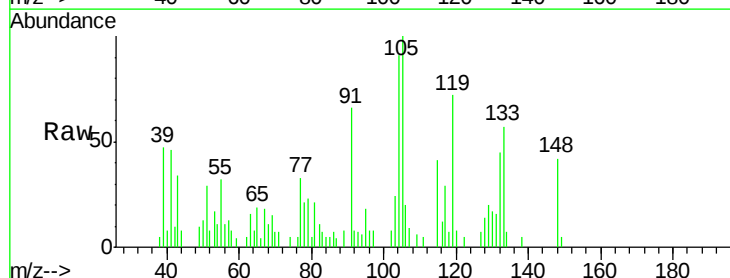
Tgt Ion:122 Resp: 234

Ion Ratio Lower Upper

122 100

105 2155.7 92.6 132.6#

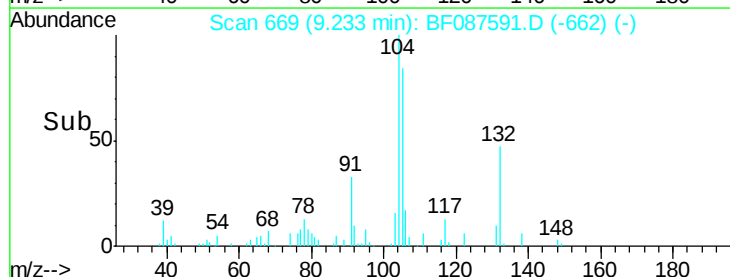
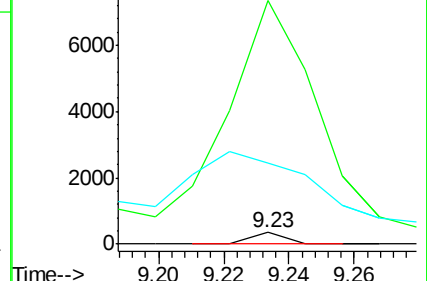
77 719.9 60.0 100.0#

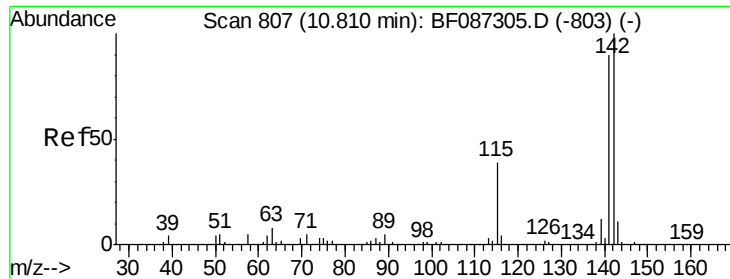


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

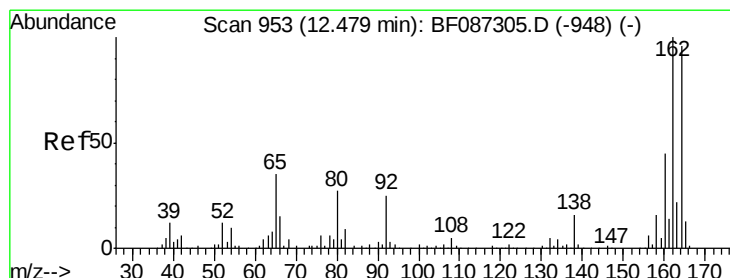
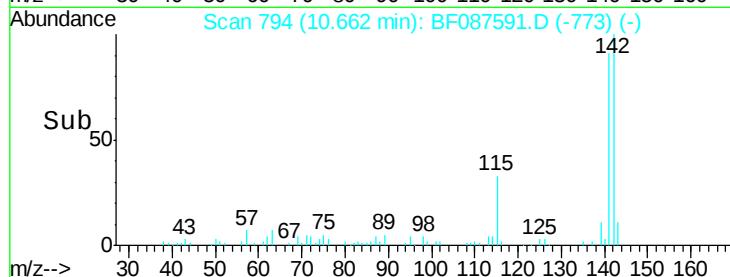
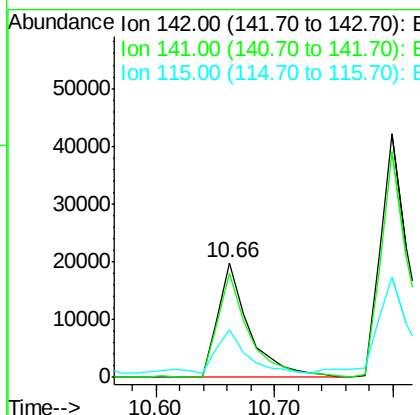
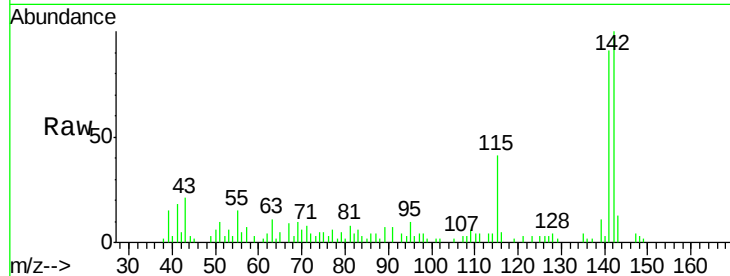




#37
2-Methylnaphthalene
Concen: 2.55 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.06 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

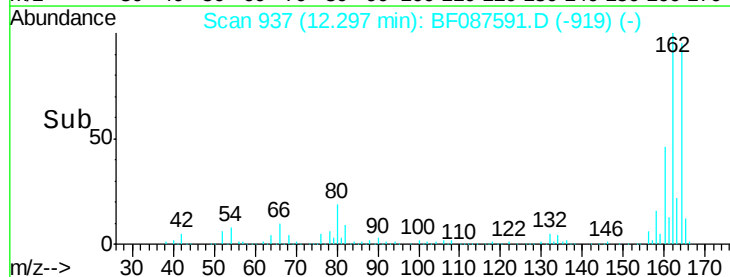
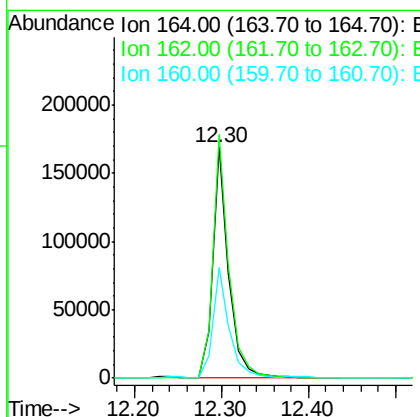
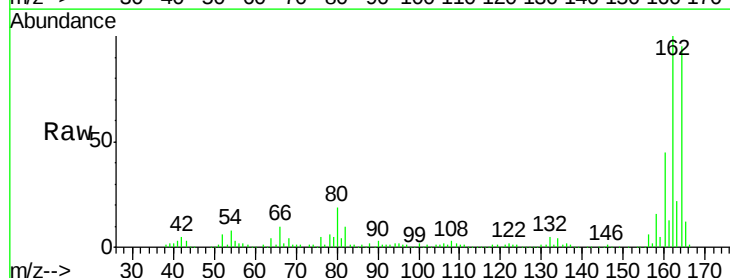
Instrument :
BNA_F
ClientSampled :
MW-11

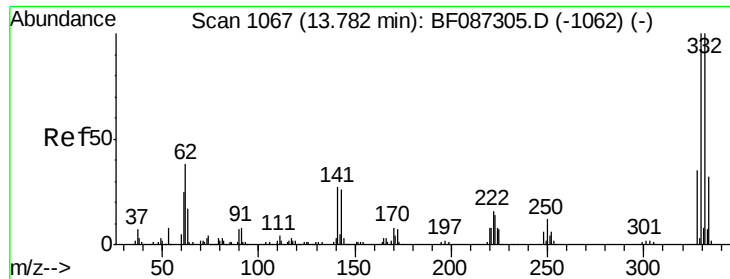
Tgt Ion:142 Resp: 35984
Ion Ratio Lower Upper
142 100
141 91.4 71.0 106.6
115 41.4 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:164 Resp: 214489
Ion Ratio Lower Upper
164 100
162 105.5 82.8 124.2
160 47.9 36.9 55.3

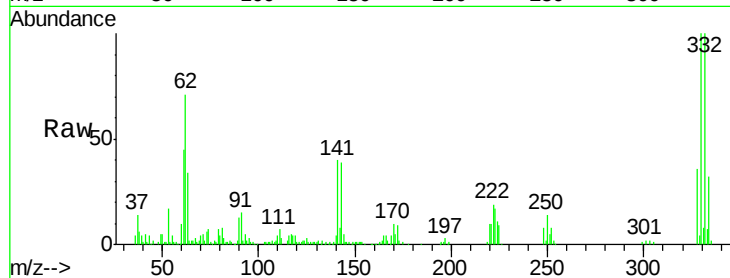




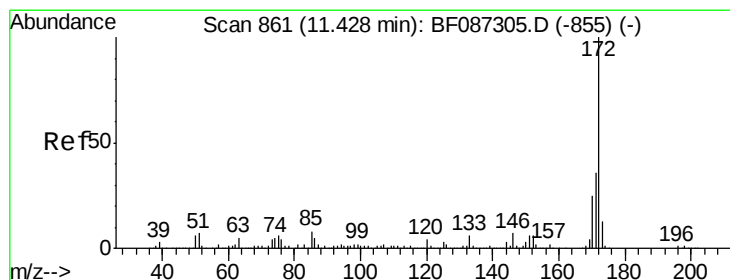
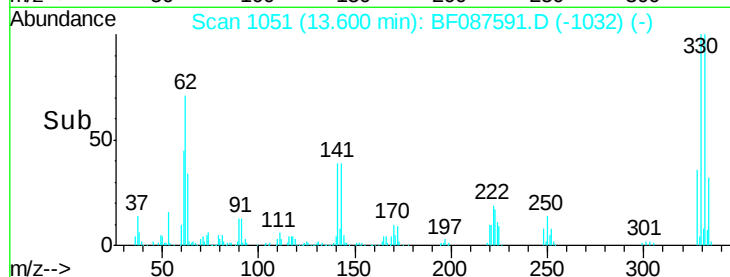
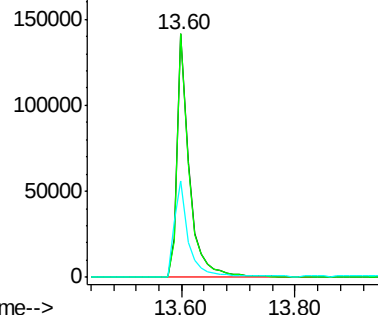
#41
 2,4,6-Tribromophenol
 Concen: 99.54 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	45.2	31.2	46.8

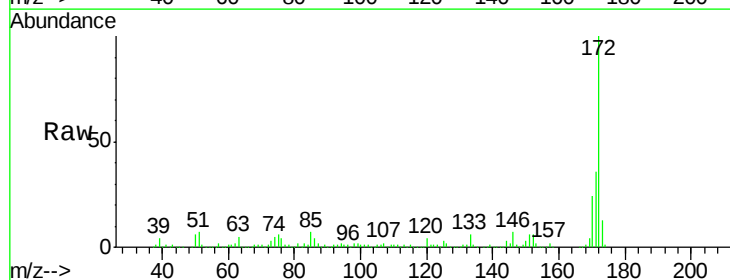


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

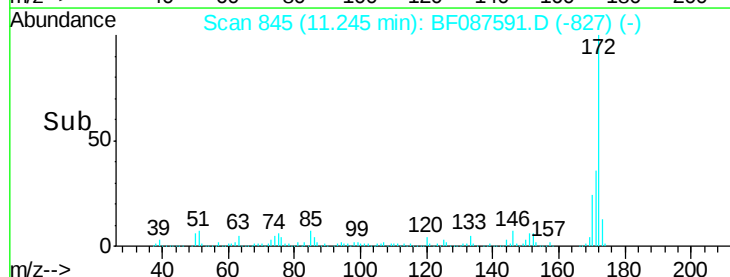
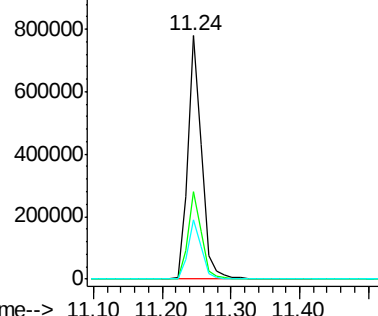


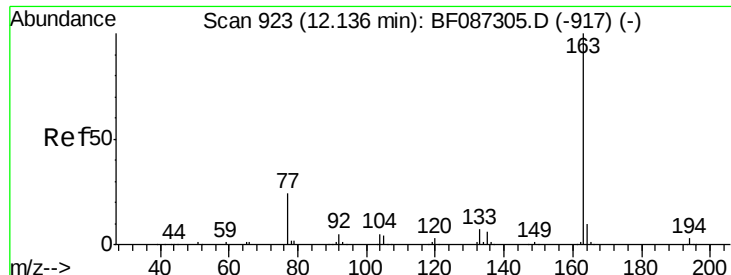
#44
 2-Fluorobiphenyl
 Concen: 72.52 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

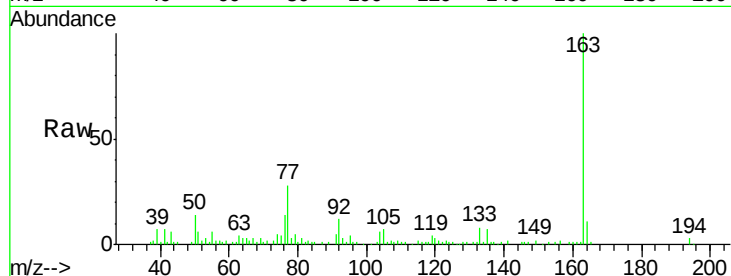




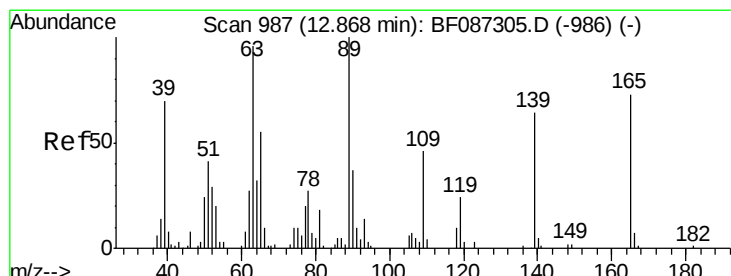
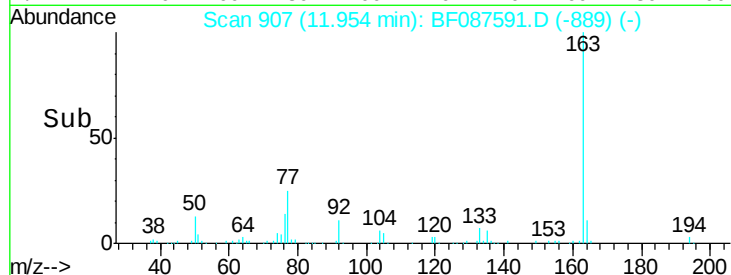
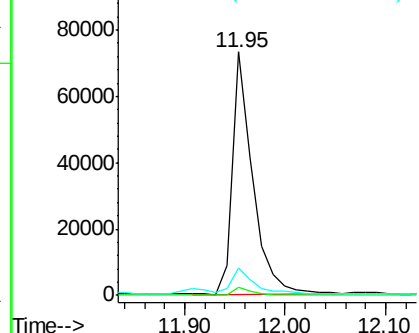
#49
Dimethylphthalate
Concen: 6.01 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.09 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Instrument :
BNA_F
ClientSampled :
MW-11

Tgt Ion:163 Resp: 103259
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.2 8.2 12.4

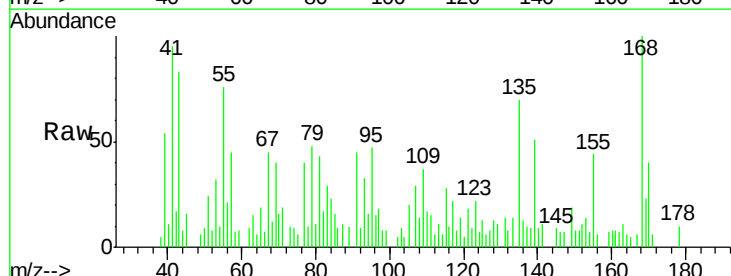


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

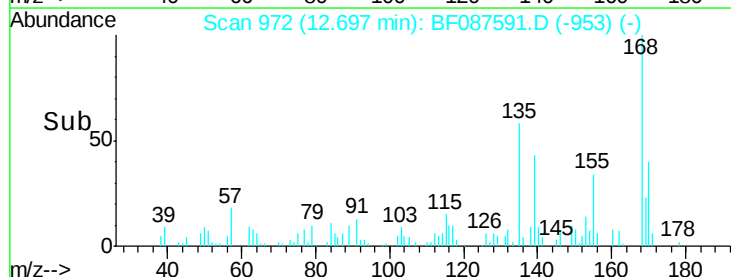
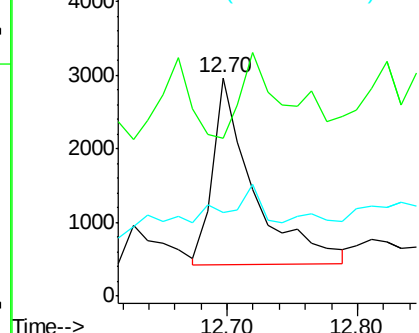


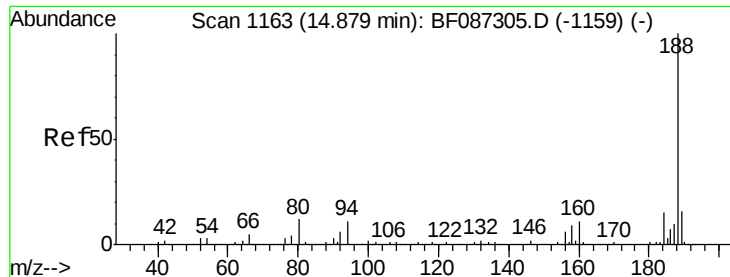
#55
4-Nitrophenol
Concen: 3.25 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.08 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:139 Resp: 5512
Ion Ratio Lower Upper
139 100
109 72.6 36.9 76.9
65 38.2 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

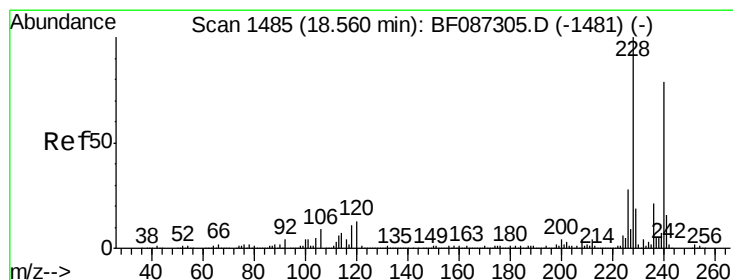
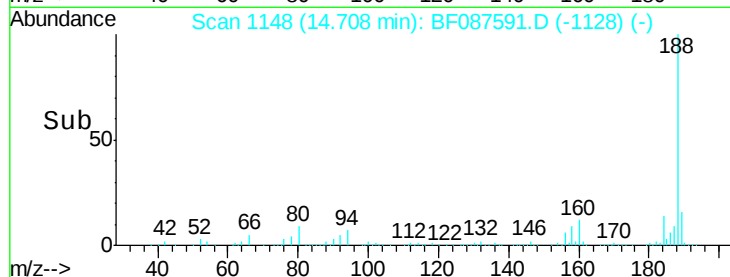
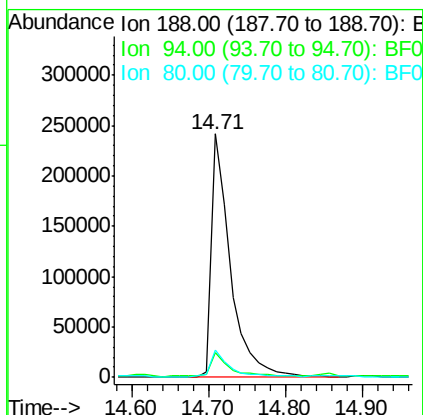
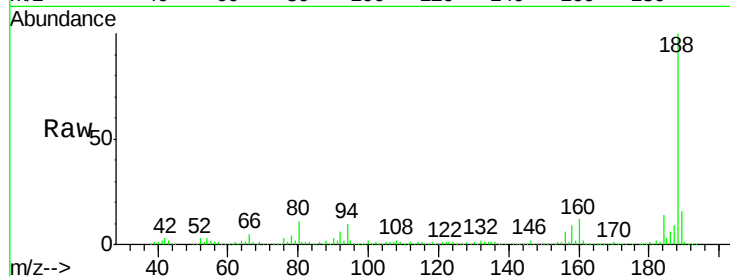




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

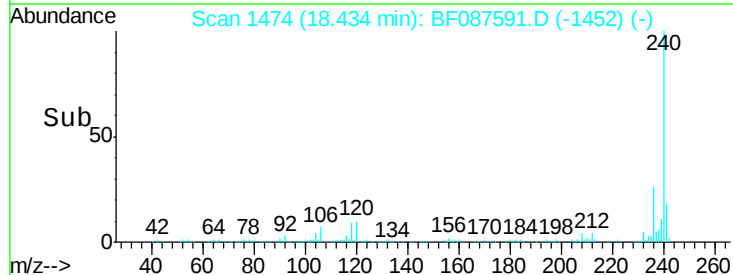
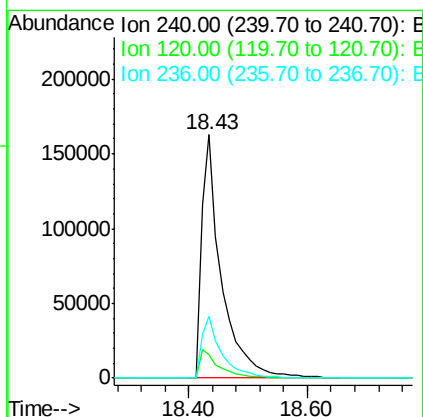
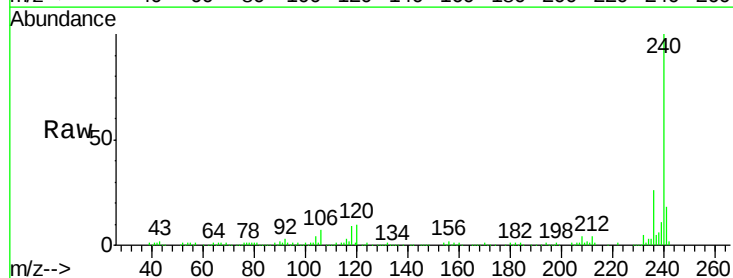
Instrument :
BNA_F
ClientSampleId :
MW-11

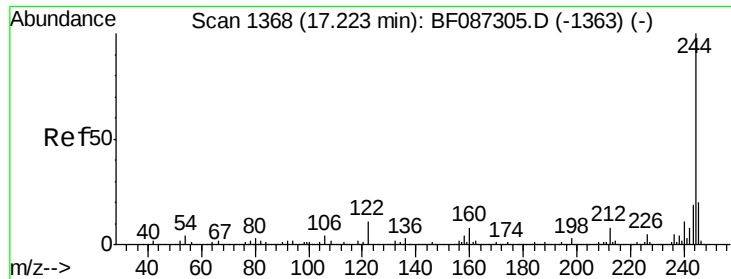
Tgt Ion:188 Resp: 417203
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 11.4 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:240 Resp: 380684
Ion Ratio Lower Upper
240 100
120 9.8 11.2 16.8#
236 25.6 21.2 31.8

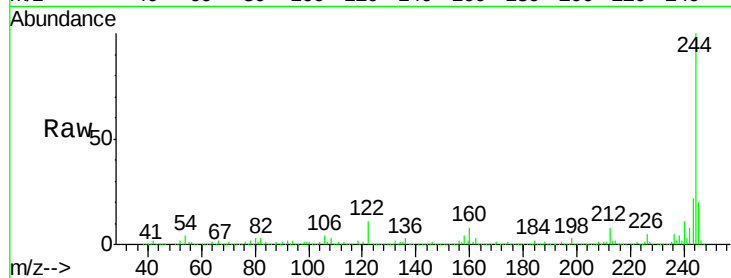




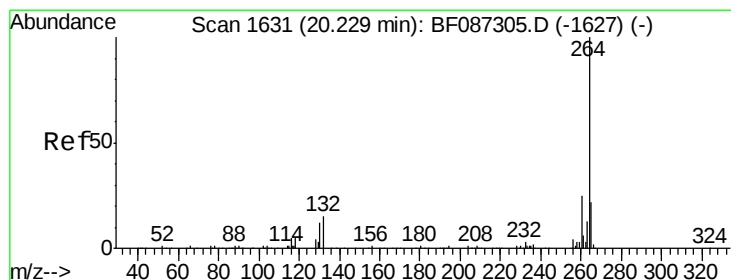
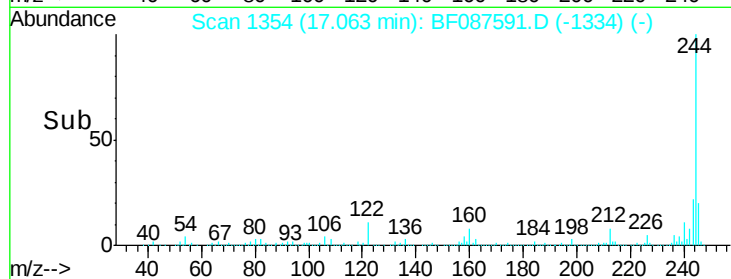
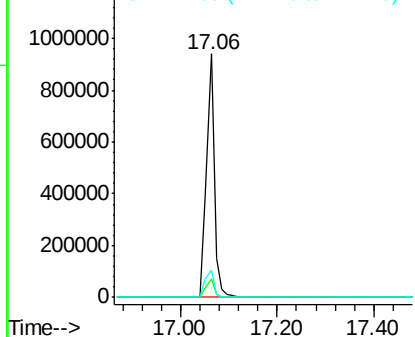
#78
 Terphenyl-d14
 Concen: 59.20 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.07 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 1060111
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.1 12.0 18.0#

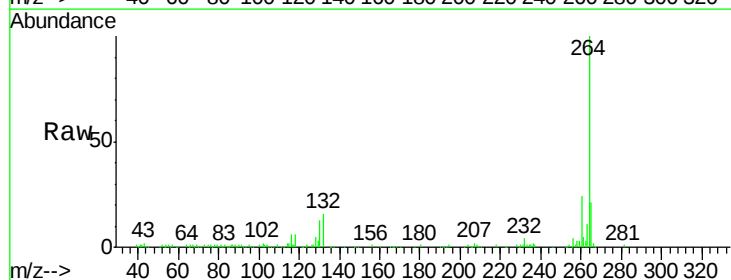


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Tgt Ion:264 Resp: 298553
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

