

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087937.D
 Acq On : 12 Jun 2016 9:16
 Operator : UM/SJ
 Sample : H3504-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jun 13 02:11:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:40:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106627	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	450494	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	211147	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	403214	20.00	ng	0.00
75) Chrysene-d12	13.95	240	312499	20.00	ng	-0.01
86) Perylene-d12	15.37	264	231128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	465852	74.69	ng	0.00
7) Phenol-d6	6.43	99	402079	53.19	ng	-0.01
23) Nitrobenzene-d5	7.37	82	732858	94.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	282148	126.55	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1282667	96.16	ng	-0.01
78) Terphenyl-d14	12.91	244	1042465	75.91	ng	-0.01

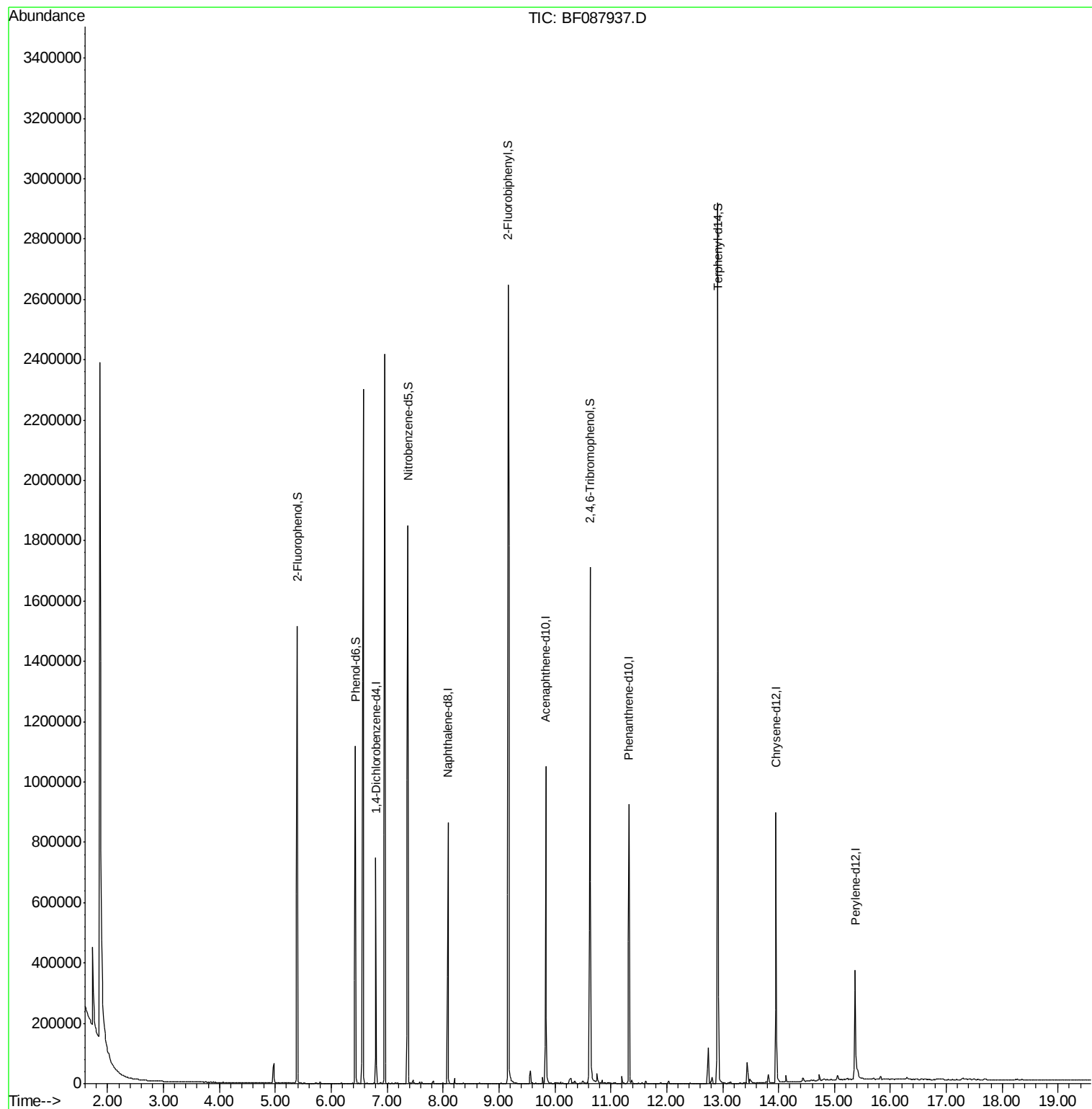
Target Compounds Qvalue

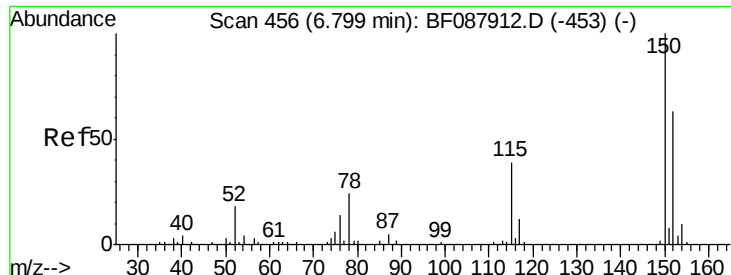
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087937.D

Acq: 12 Jun 2016 9:16

Instrument :

BNA_F

ClientSampleId :

MW-5

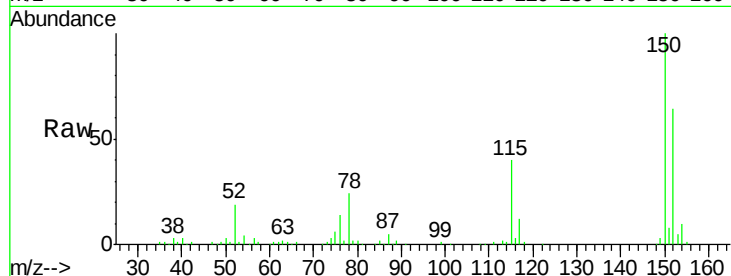
Tot Ion:152 Resp: 106627

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

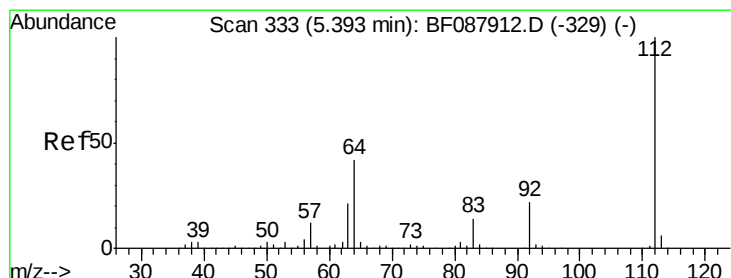
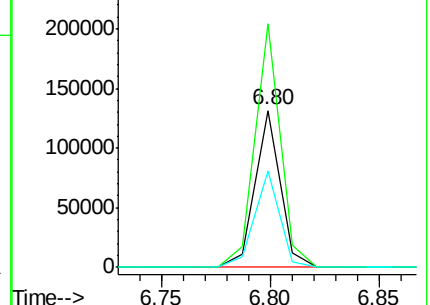
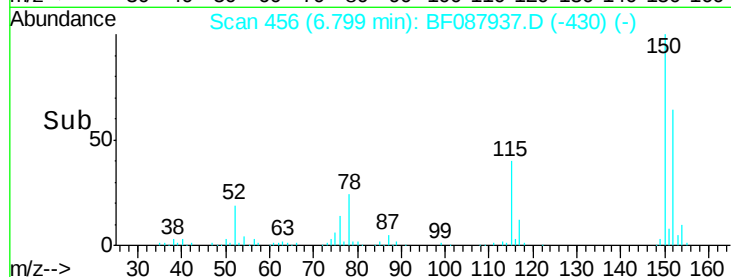
115 61.8 39.6 59.4#



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: 74.69 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF087937.D

Acq: 12 Jun 2016 9:16

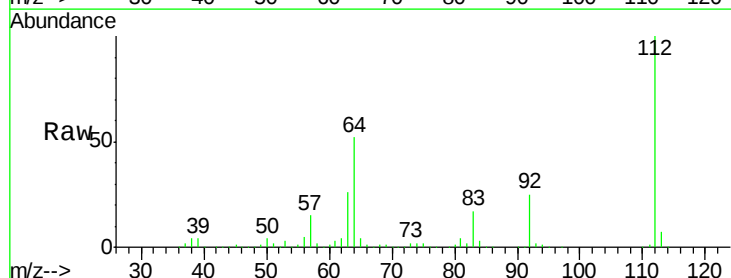
Tgt Ion:112 Resp: 465852

Ion Ratio Lower Upper

112 100

64 51.6 42.2 63.2

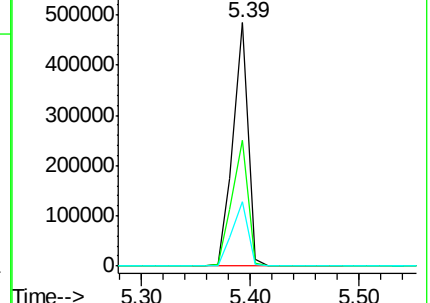
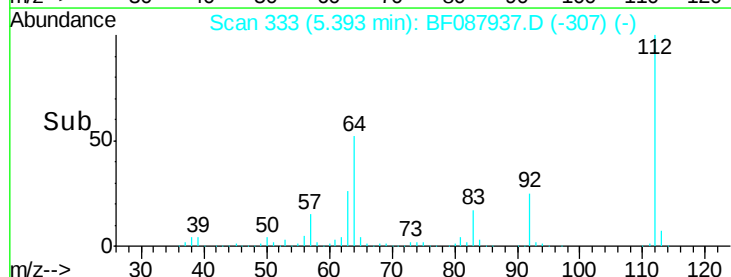
63 26.3 21.8 32.8

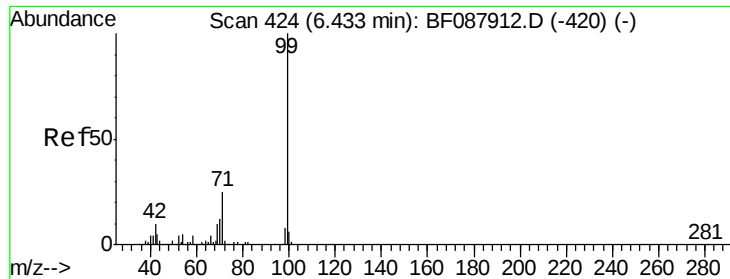


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.19 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087937.D

Acq: 12 Jun 2016 9:16

Instrument :

BNA_F

ClientSampleId :

MW-5

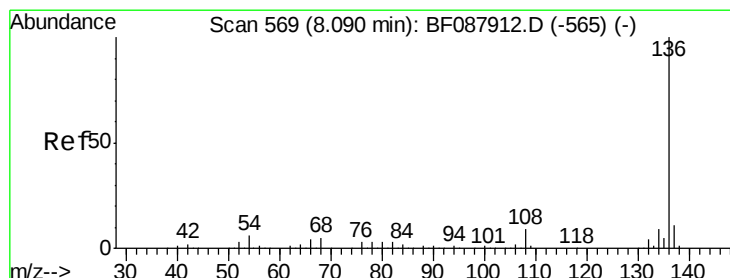
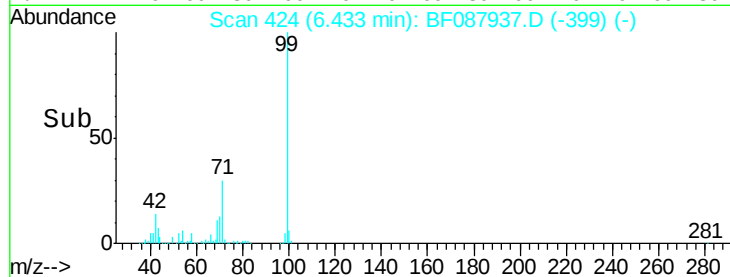
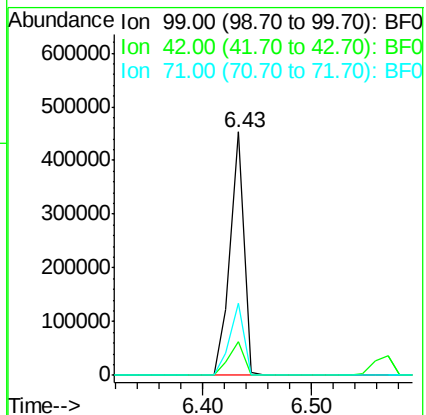
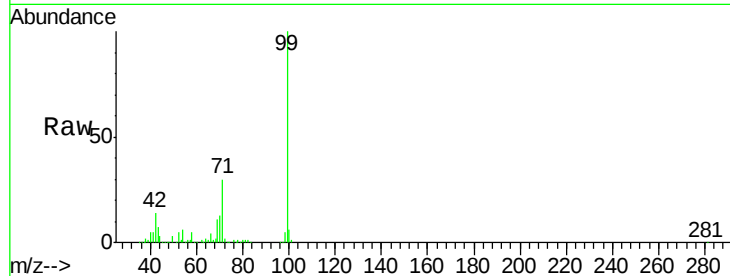
Tot Ion: 99 Resp: 402079

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

71 29.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087937.D

Acq: 12 Jun 2016 9:16

Tgt Ion: 136 Resp: 450494

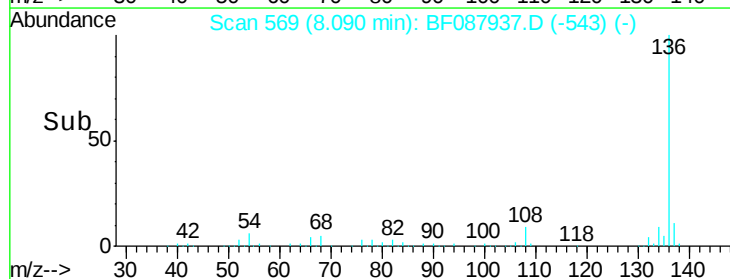
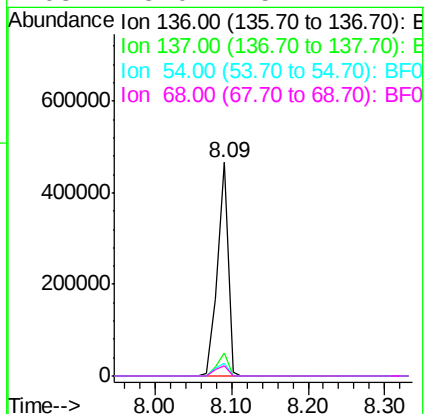
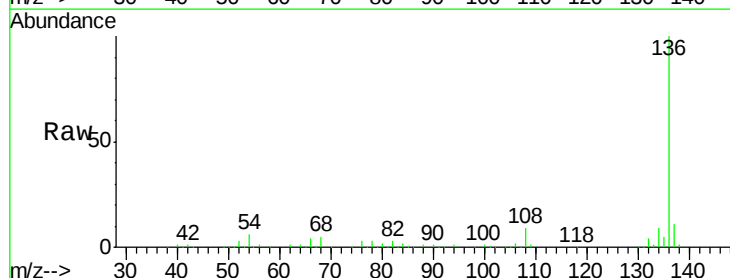
Ion Ratio Lower Upper

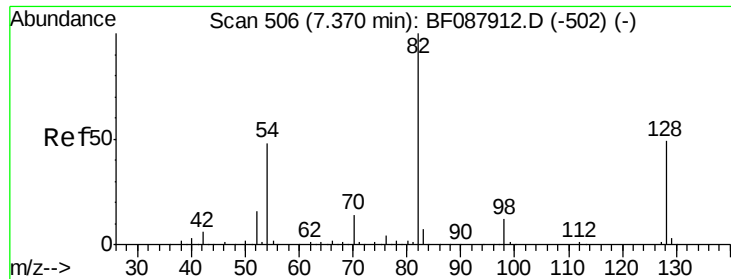
136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#

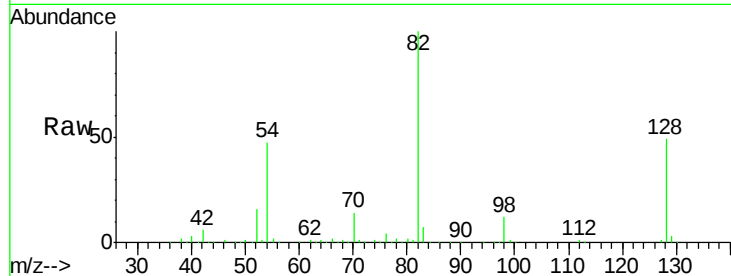




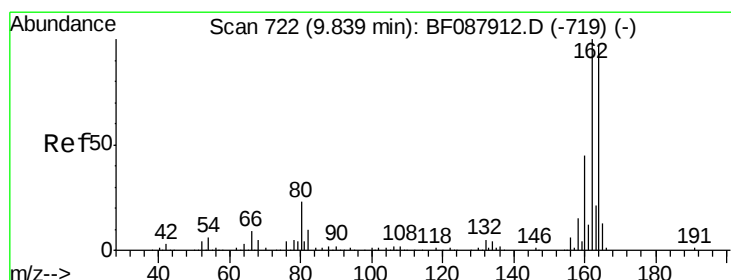
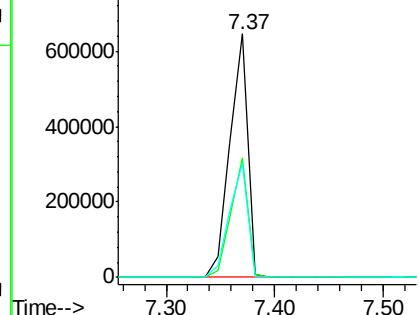
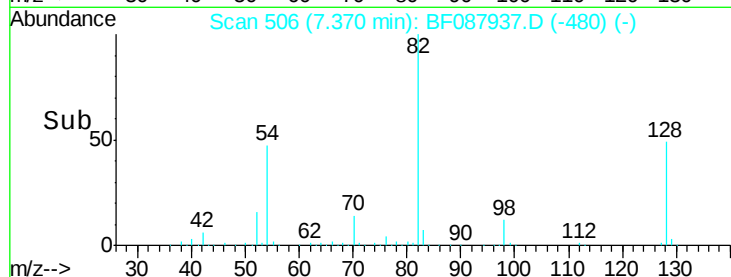
#23
 Nitrobenzene-d5
 Concen: 94.99 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion	82	Resp	732858
Ion Ratio	100	Lower	Upper
128	48.9	35.9	53.9
54	46.9	40.9	61.3

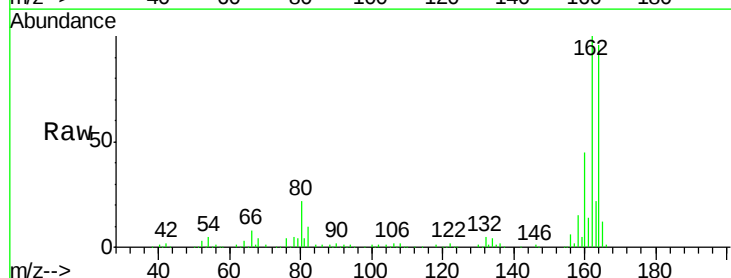


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

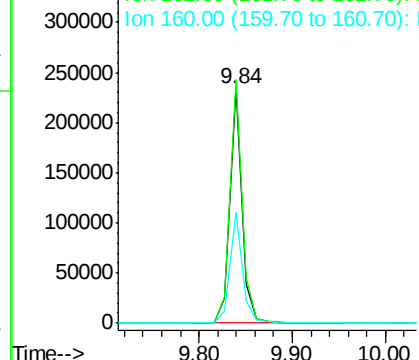
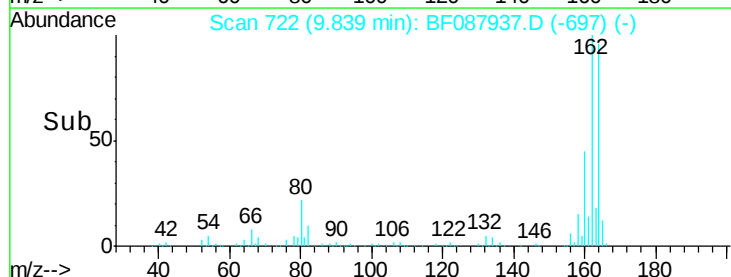


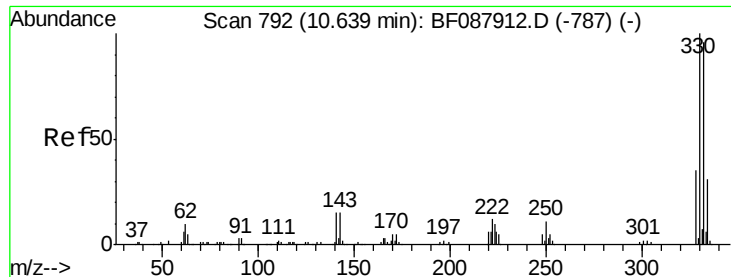
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

Tgt Ion	164	Resp	211147
Ion Ratio	100	Lower	Upper
162	104.0	85.4	128.2
160	47.0	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

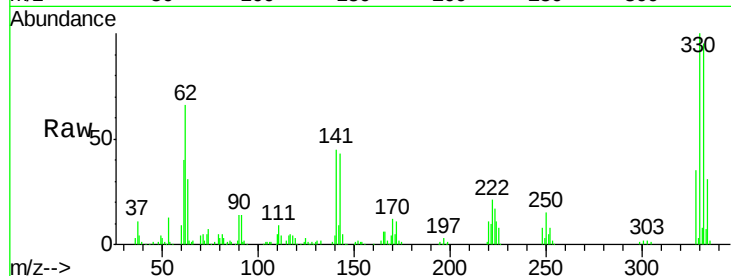




#41
 2,4,6-Tribromophenol
 Concen: 126.55 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

Instrument :
 BNA_F
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.3	0.0	0.0#

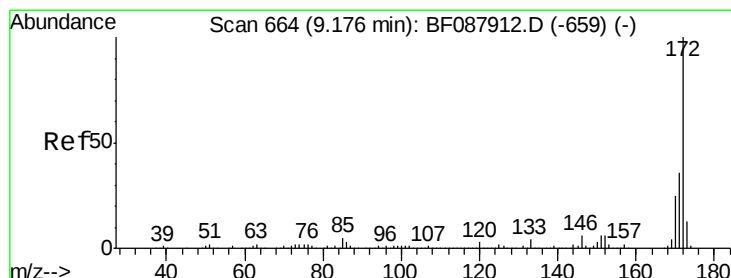
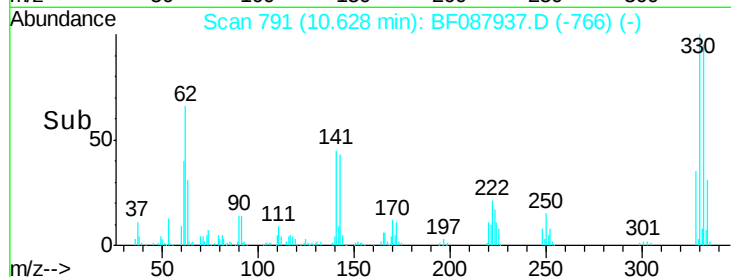
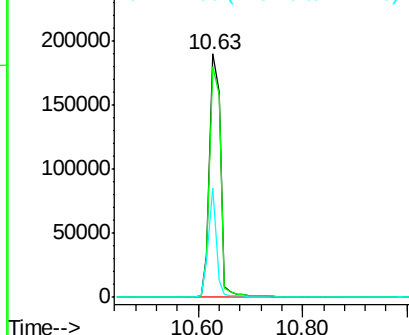


Abundance

Ion 329.80 (329.50 to 330.50): E

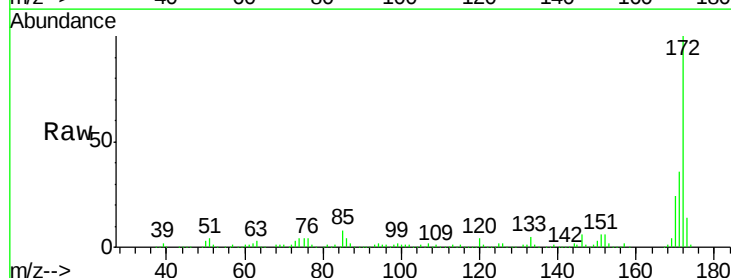
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.16 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8

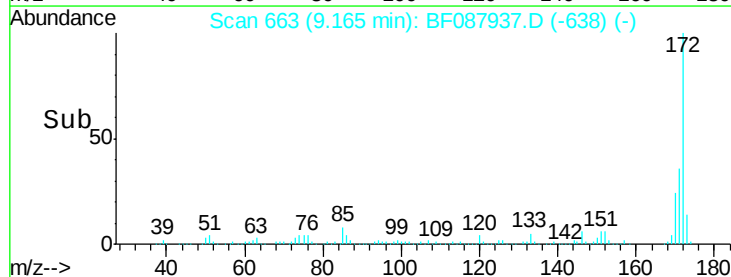
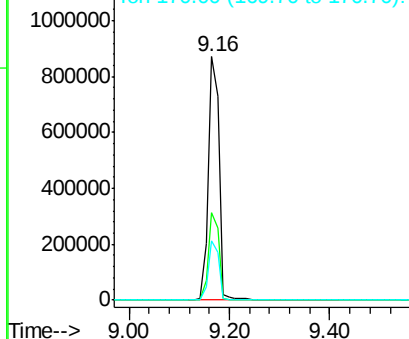


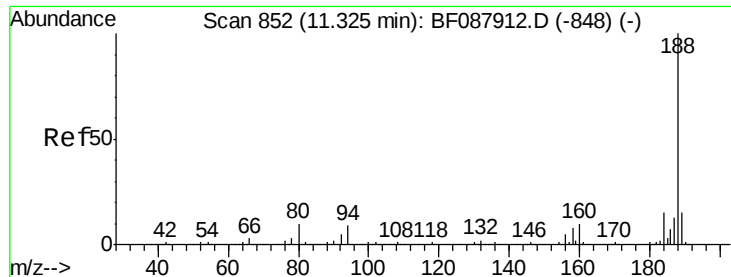
Abundance

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

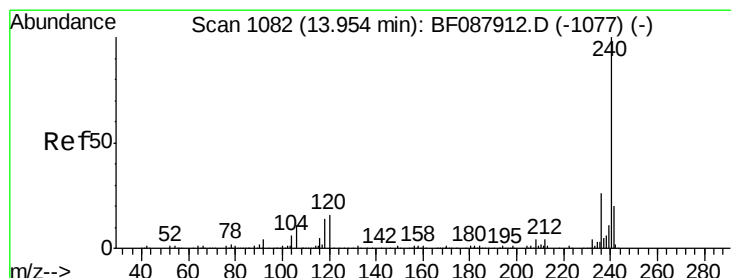
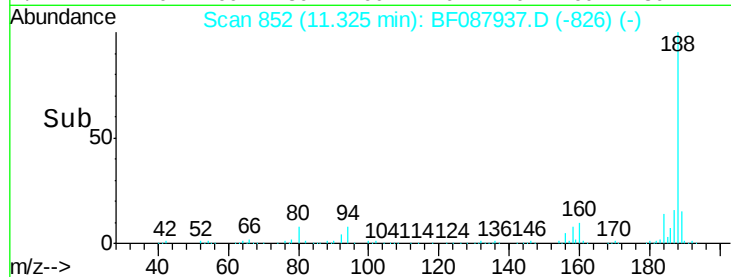
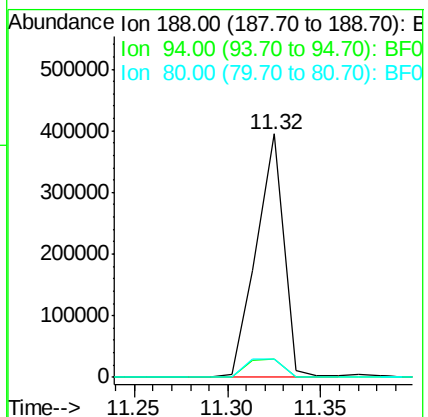
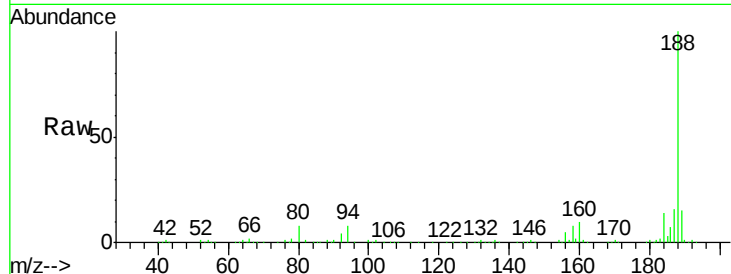




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087937.D
Acq: 12 Jun 2016 9:16

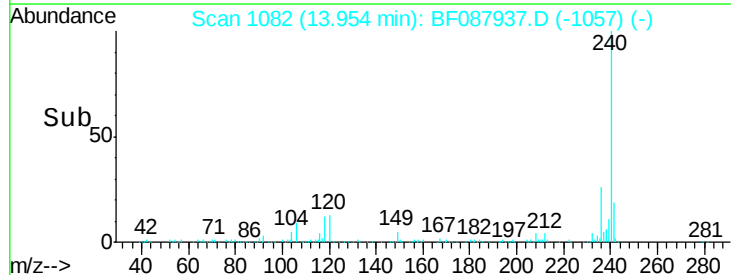
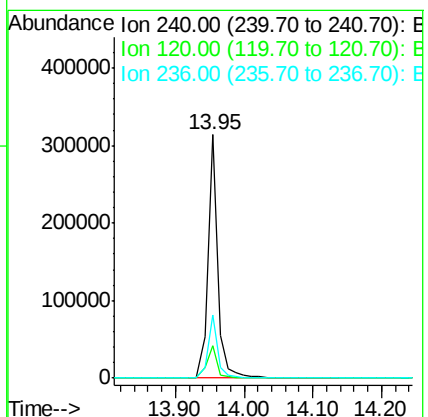
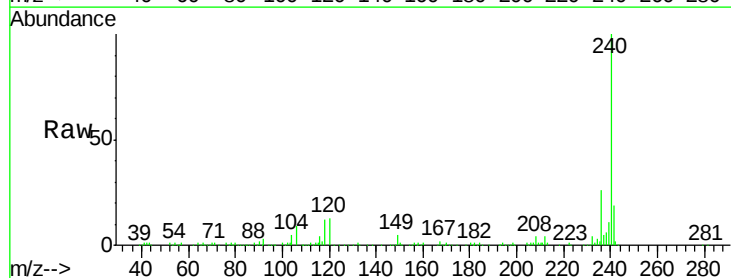
Instrument :
BNA_F
ClientSampled :
MW-5

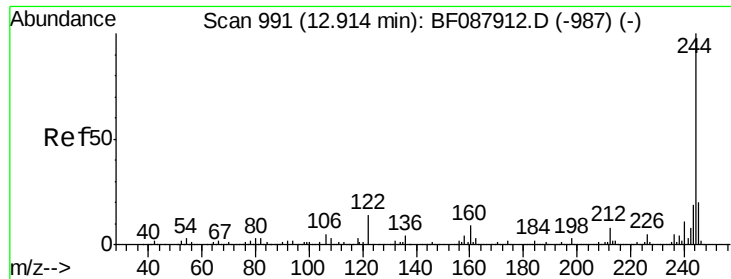
Tot Ion:188 Resp: 403214
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 7.7 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087937.D
Acq: 12 Jun 2016 9:16

Tgt Ion:240 Resp: 312499
Ion Ratio Lower Upper
240 100
120 13.1 6.8 10.2#
236 25.9 20.2 30.2



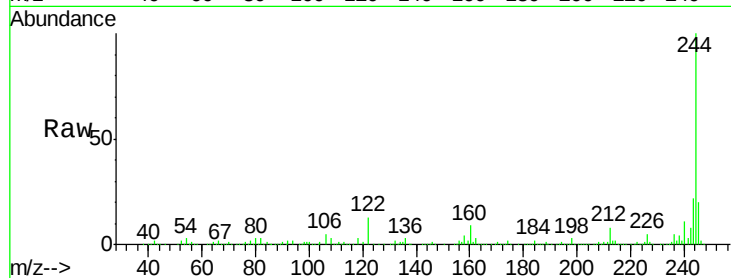


#78
 Terphenyl-d14
 Concen: 75.91 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

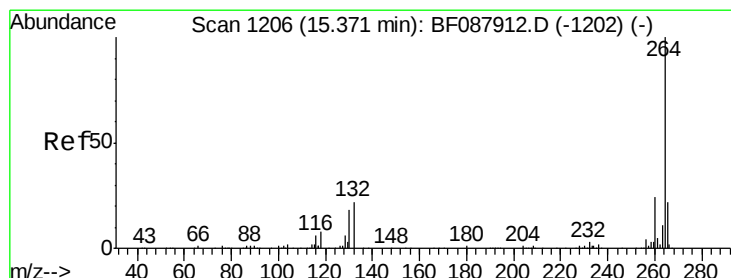
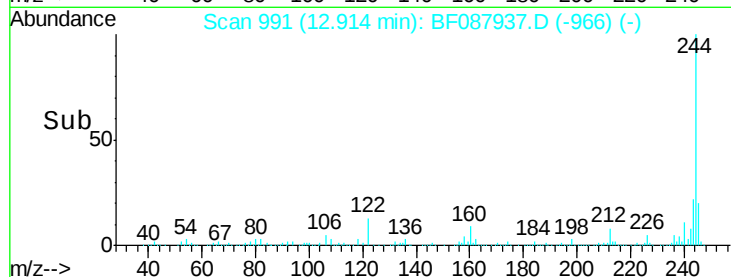
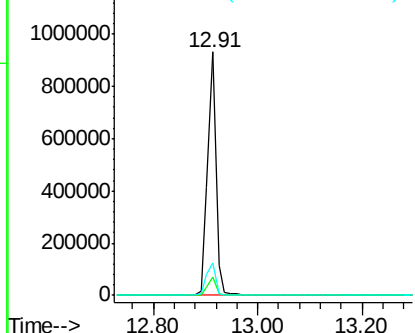
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:244 Resp: 1042465

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.4	11.2	16.8



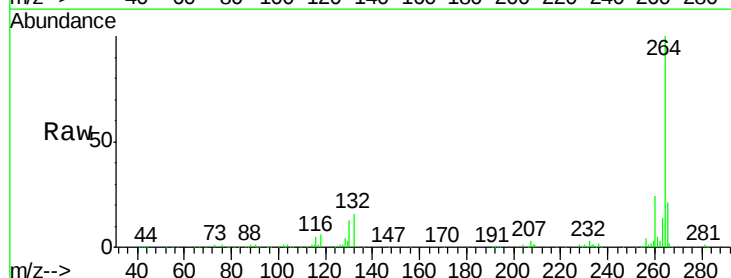
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087937.D
 Acq: 12 Jun 2016 9:16

Tgt Ion:264 Resp: 231128

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	16.9	25.3



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

