

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087934.D
 Acq On : 12 Jun 2016 7:48
 Operator : UM/SJ
 Sample : H3504-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jun 13 02:05:04 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

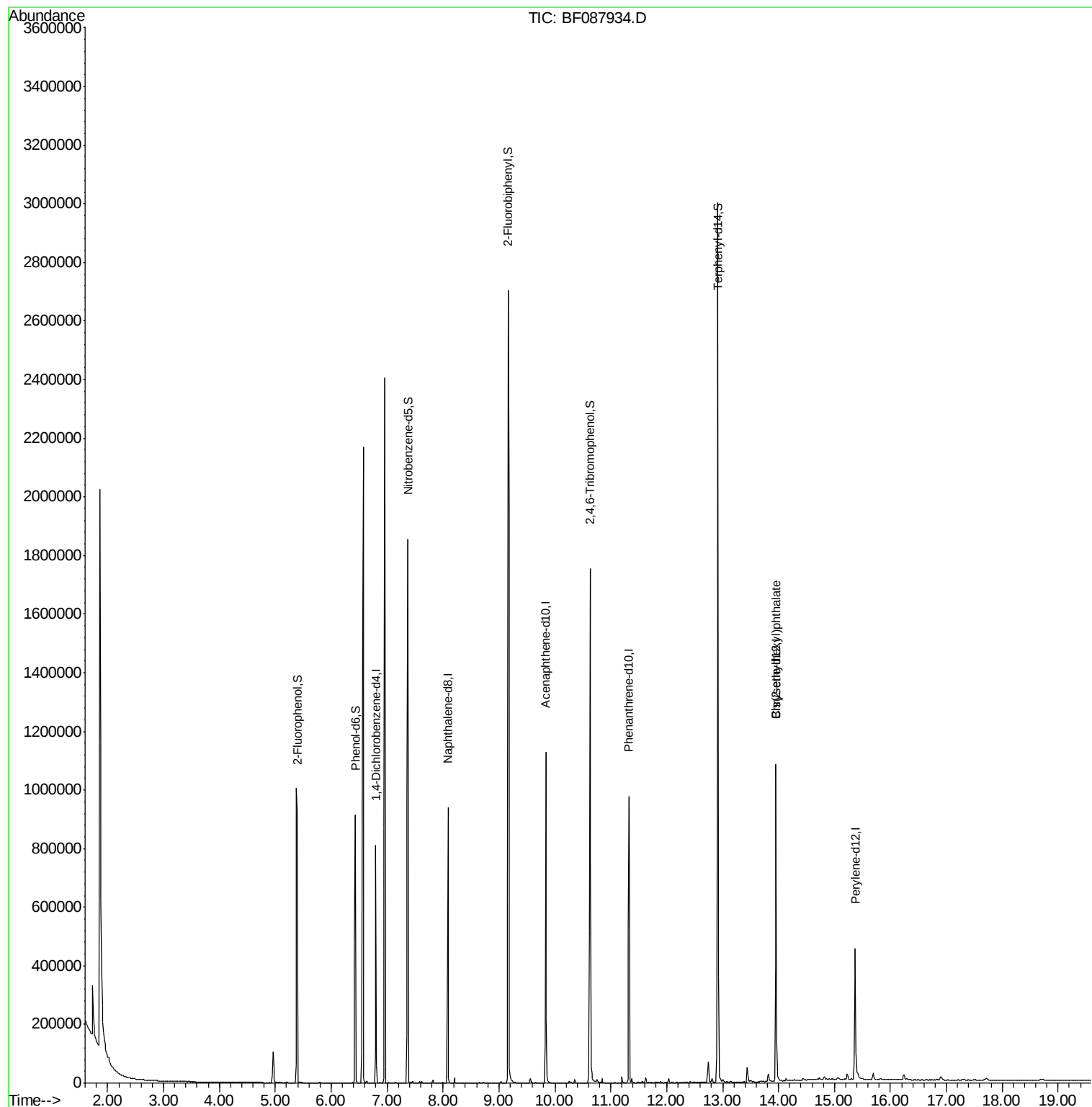
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115339	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	481771	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225115	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	427729	20.00	ng	0.00
75) Chrysene-d12	13.95	240	346803	20.00	ng	-0.01
86) Perylene-d12	15.37	264	267718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	443271	65.70	ng	0.00
7) Phenol-d6	6.43	99	388335	47.49	ng	-0.01
23) Nitrobenzene-d5	7.37	82	729121	88.37	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	299113	125.84	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1327531	93.17	ng	-0.01
78) Terphenyl-d14	12.91	244	1095050	71.85	ng	-0.01
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	13.95	149	65236	4.71	ng	Qvalue # 94

(#) = 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: BF087934.D

Acq: 12 Jun 2016 7:48

Instrument :

BNA_F

ClientSampleId :

MW-2

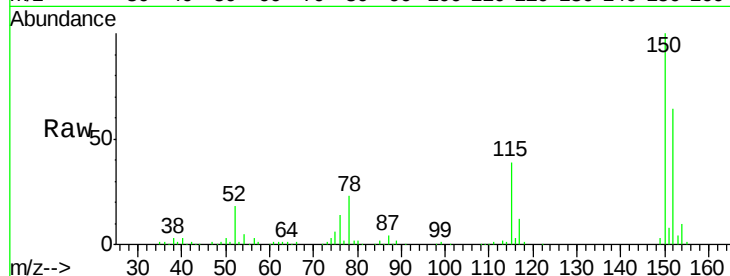
Tot Ion:152 Resp: 115339

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

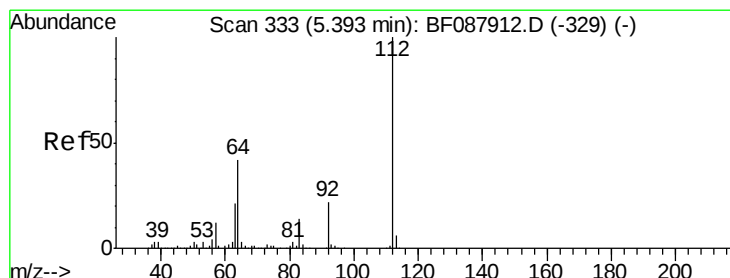
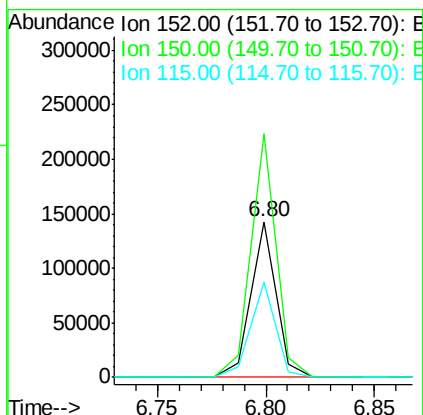
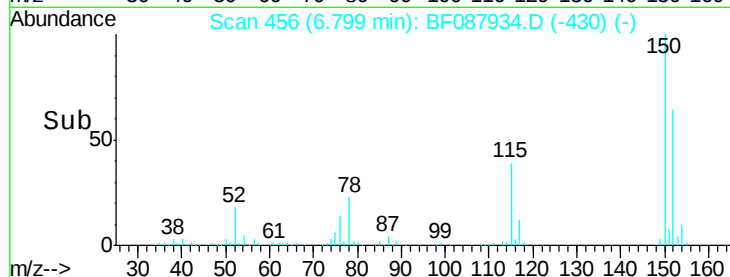
115 60.9 39.6 59.4#



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: 65.70 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF087934.D

Acq: 12 Jun 2016 7:48

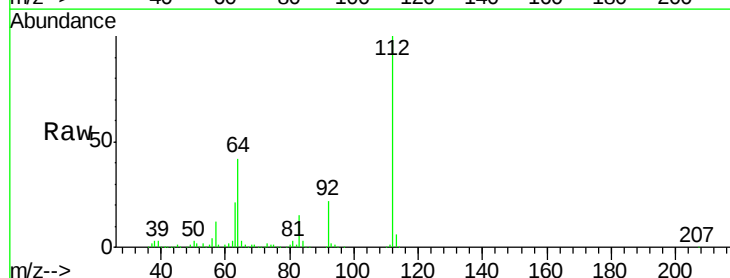
Tgt Ion:112 Resp: 443271

Ion Ratio Lower Upper

112 100

64 42.3 42.2 63.2

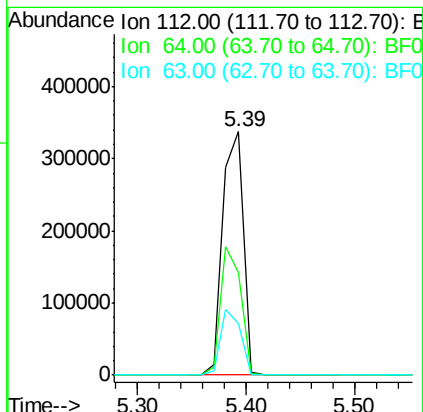
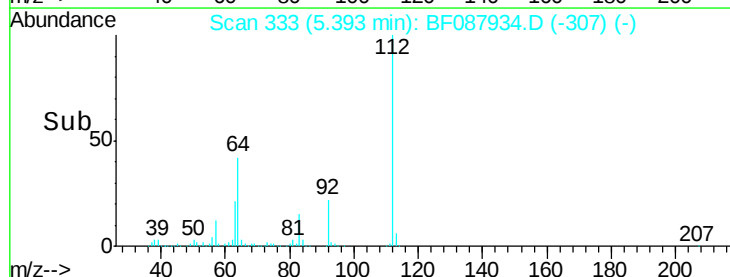
63 21.2 21.8 32.8#



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: 47.49 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087934.D

Acq: 12 Jun 2016 7:48

Instrument :

BNA_F

ClientSampleId :

MW-2

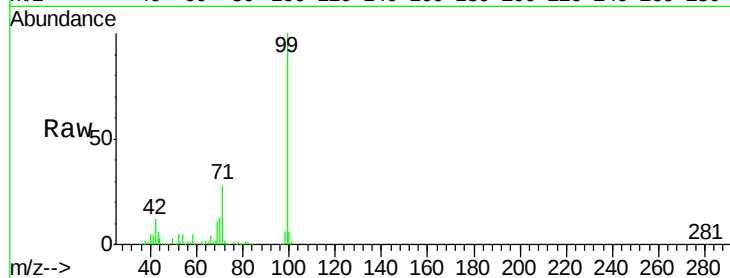
Tot Ion: 99 Resp: 388335

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

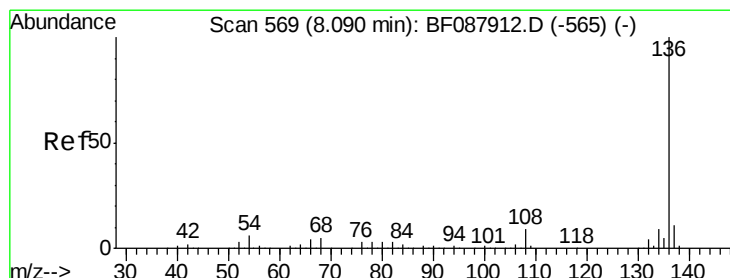
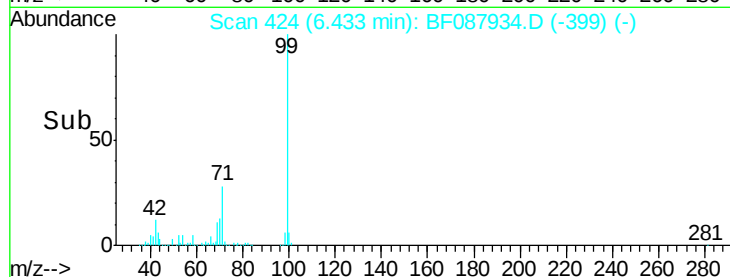
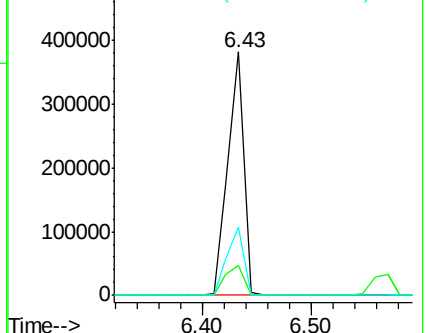
71 27.9 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087934.D

Acq: 12 Jun 2016 7:48

Tgt Ion: 136 Resp: 481771

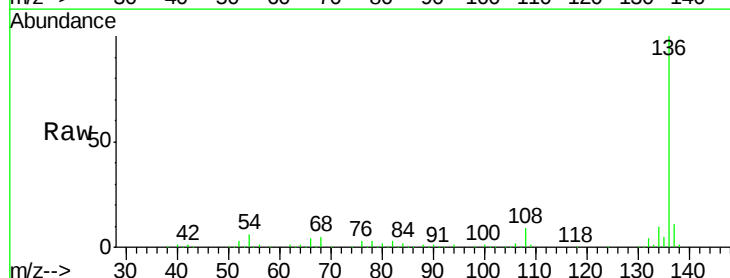
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.8 6.6 10.0#

68 4.9 5.1 7.7#

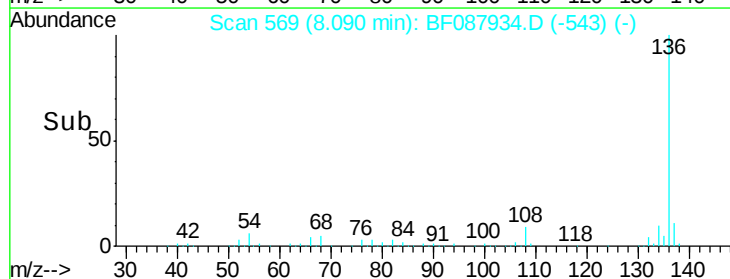
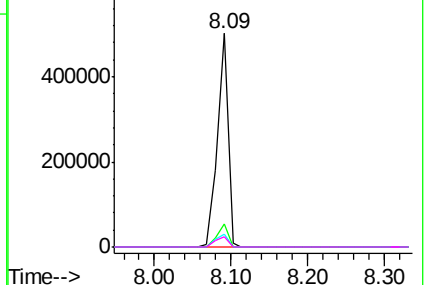


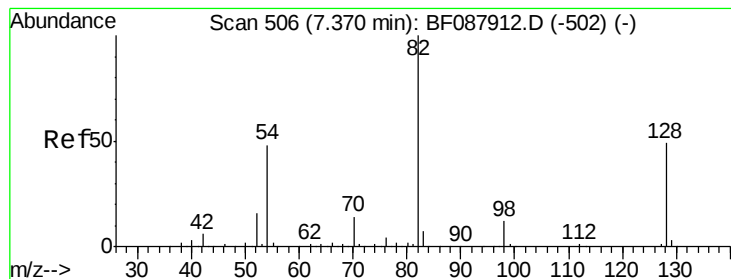
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 88.37 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF087934.D

Acq: 12 Jun 2016 7:48

Instrument :

BNA_F

ClientSampleId :

MW-2

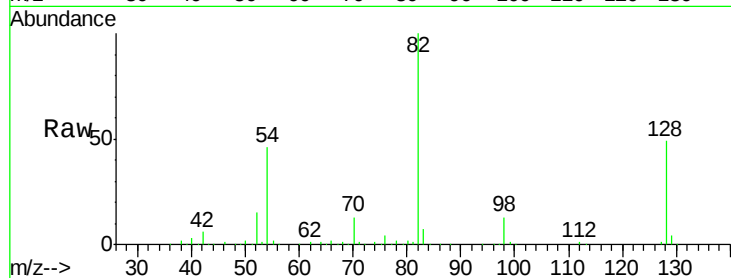
Tot Ion: 82 Resp: 729121

Ion Ratio Lower Upper

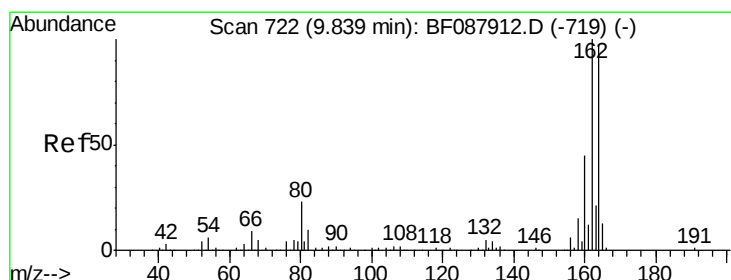
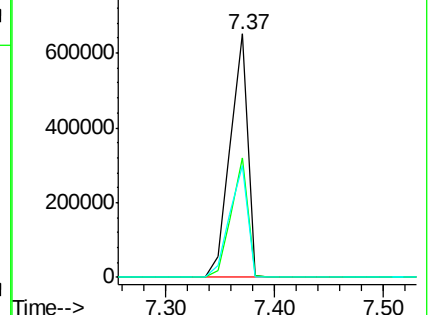
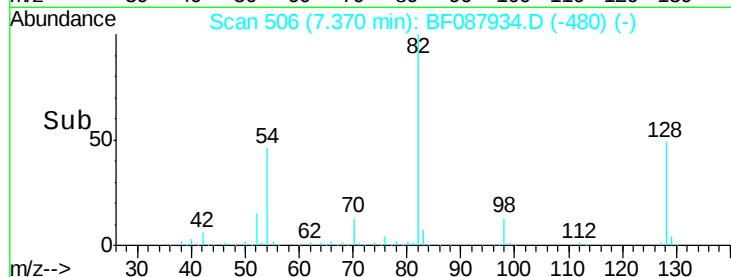
82 100

128 49.3 35.9 53.9

54 46.2 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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087934.D

Acq: 12 Jun 2016 7:48

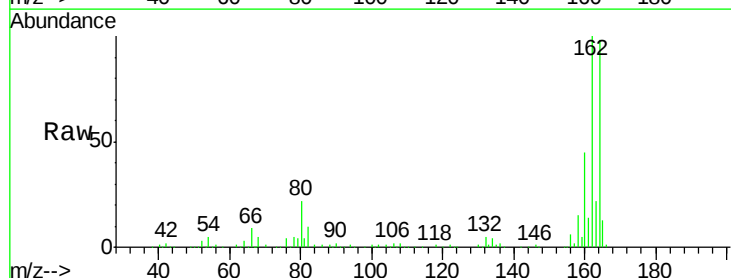
Tgt Ion:164 Resp: 225115

Ion Ratio Lower Upper

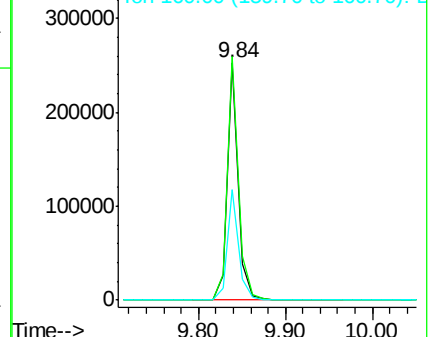
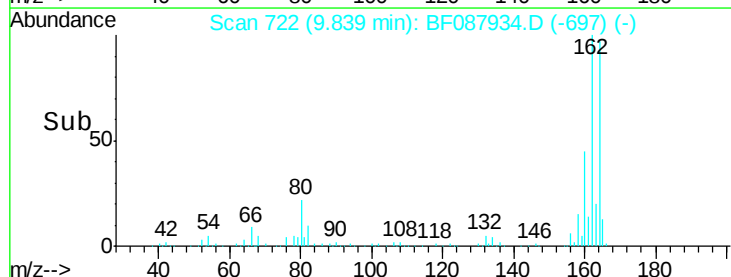
164 100

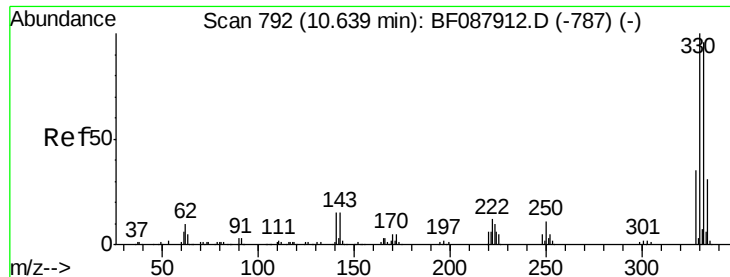
162 102.6 85.4 128.2

160 46.3 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

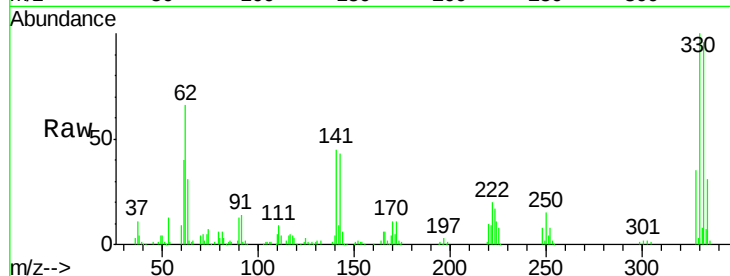




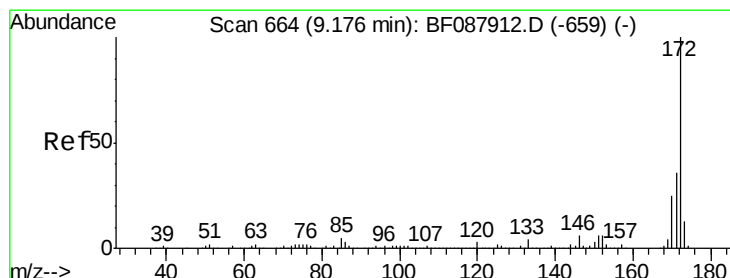
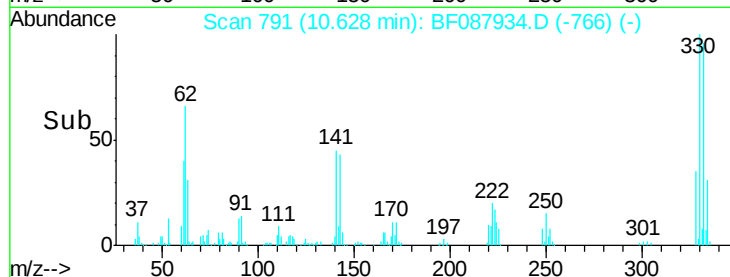
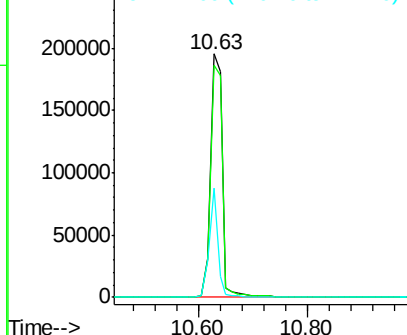
#41
 2,4,6-Tribromophenol
 Concen: 125.84 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087934.D
 Acq: 12 Jun 2016 7:48

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion:330 Resp: 299113
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 32.7 0.0 0.0#

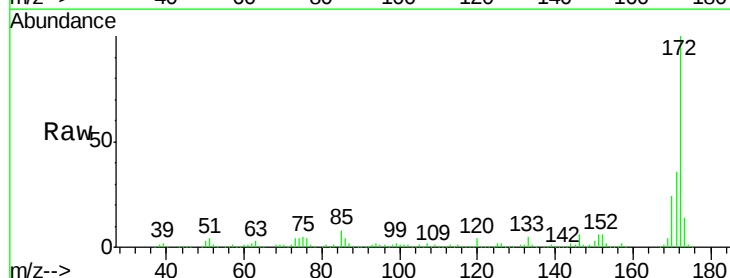


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

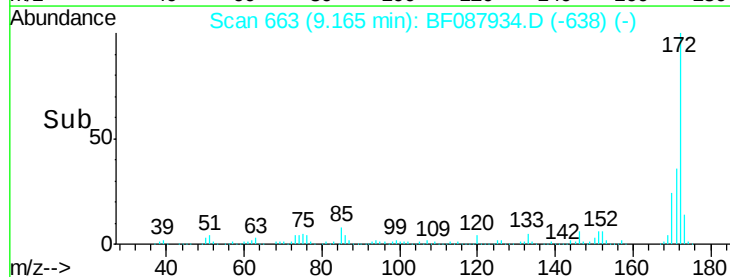
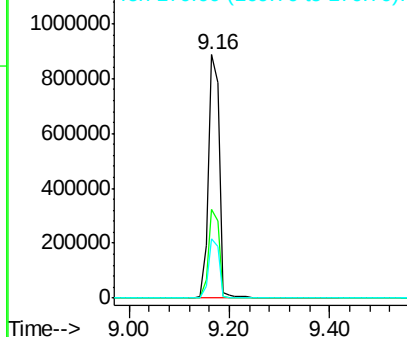


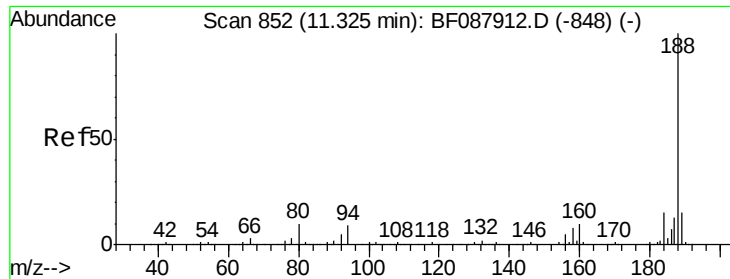
#44
 2-Fluorobiphenyl
 Concen: 93.17 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087934.D
 Acq: 12 Jun 2016 7:48

Tgt Ion:172 Resp: 1327531
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

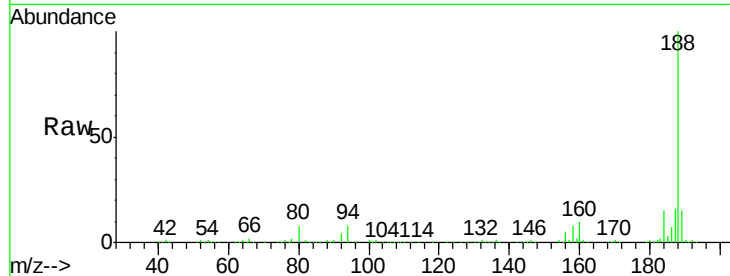




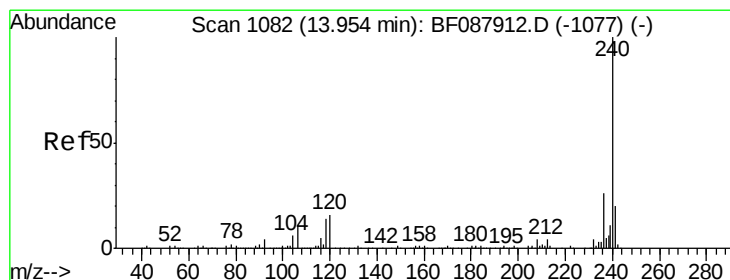
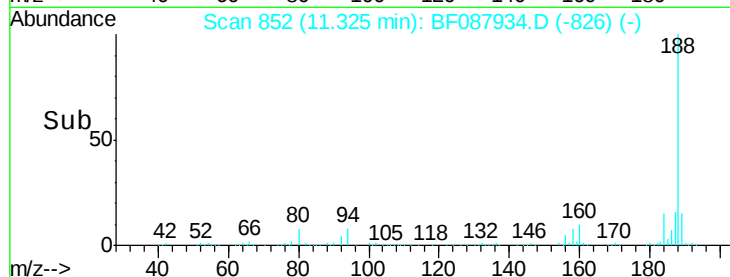
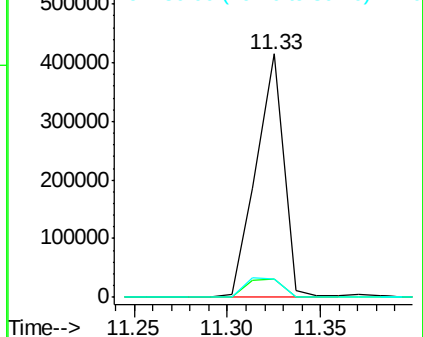
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Instrument :
BNA_F
ClientSampled :
MW-2

Tot Ion:188 Resp: 427729
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.5 10.0 15.0#

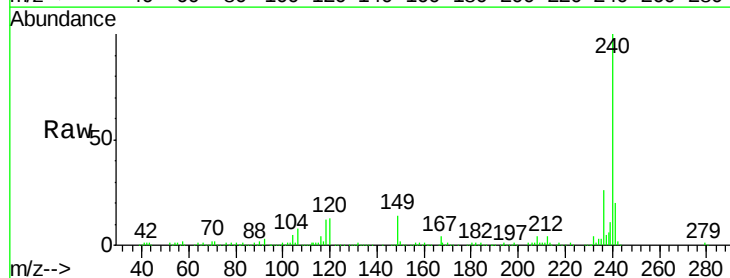


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

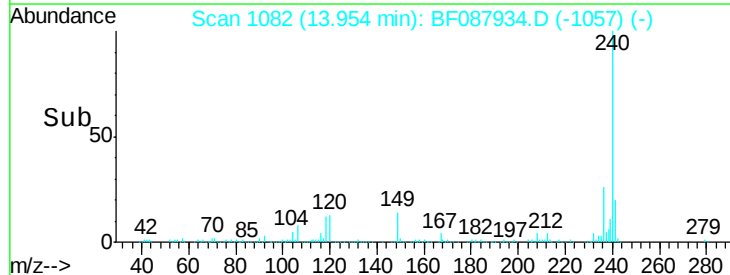
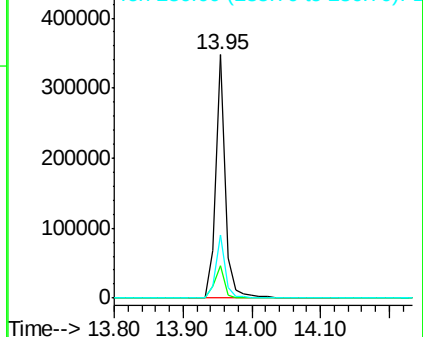


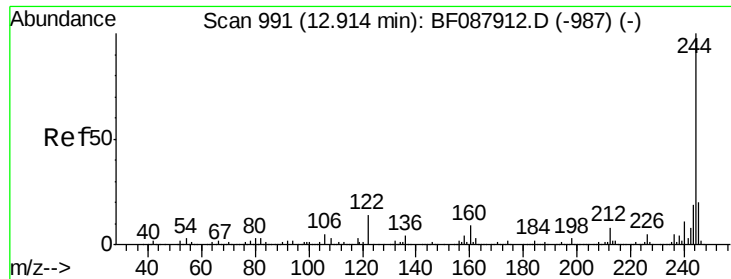
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087934.D
Acq: 12 Jun 2016 7:48

Tgt Ion:240 Resp: 346803
Ion Ratio Lower Upper
240 100
120 13.1 6.8 10.2#
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

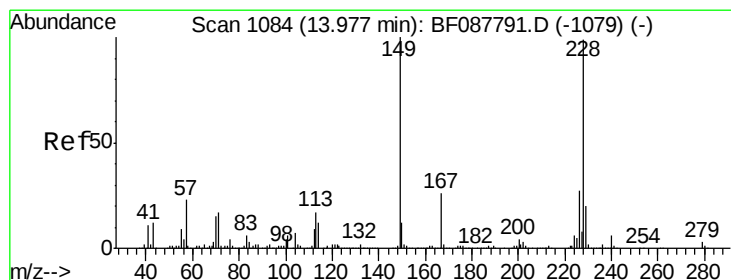
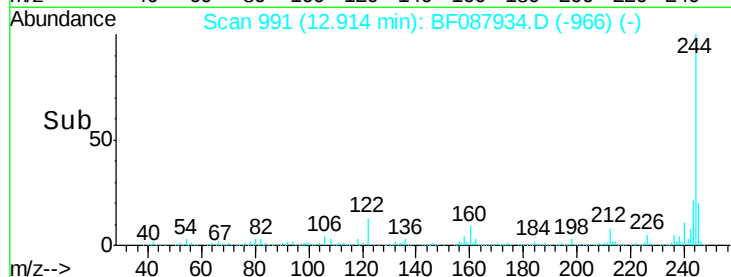
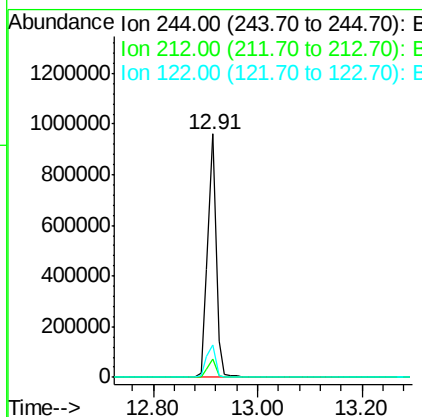
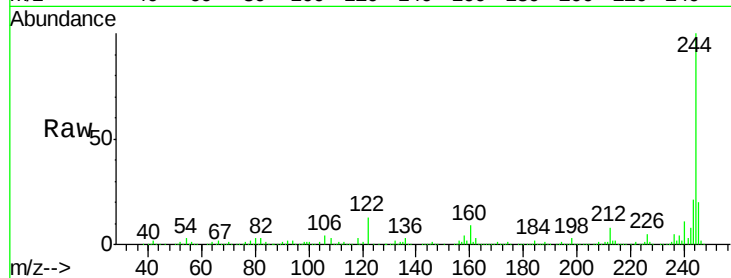




#78
 Terphenyl-d14
 Concen: 71.85 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087934.D
 Acq: 12 Jun 2016 7:48

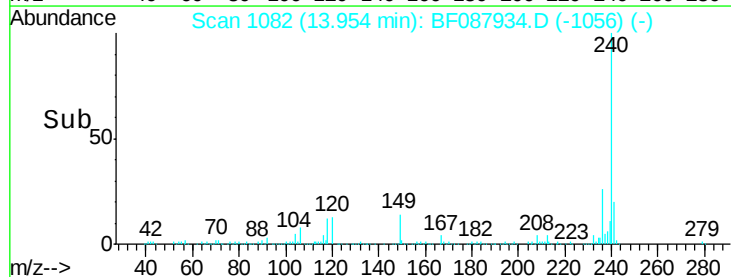
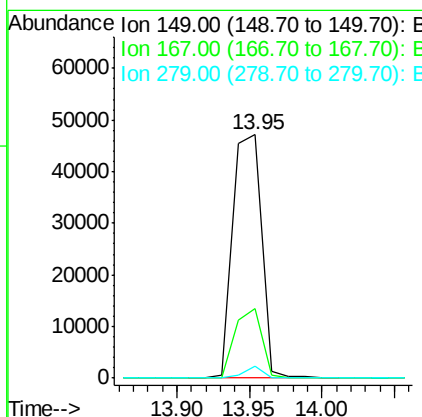
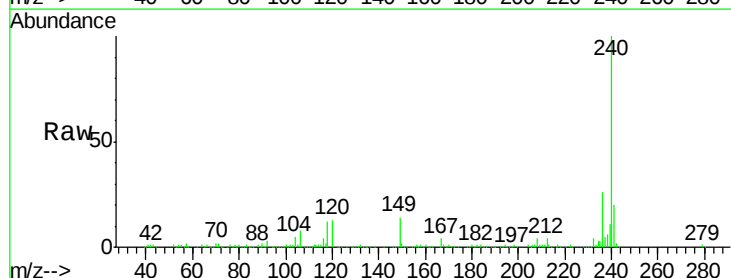
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

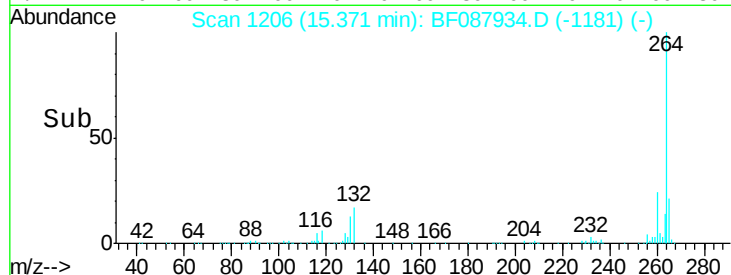
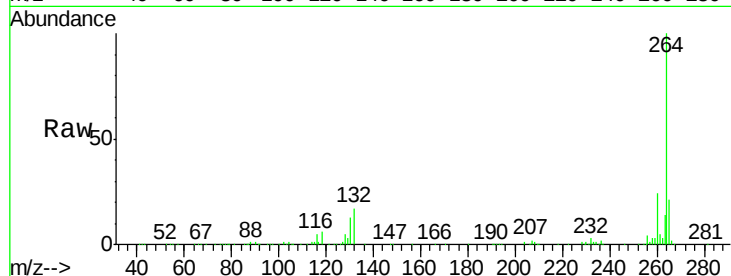
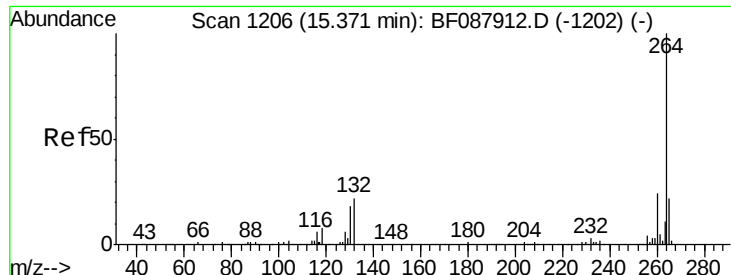
Tot Ion:244 Resp: 1095050
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.1 11.2 16.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.71 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF087934.D
 Acq: 12 Jun 2016 7:48

Tgt Ion:149 Resp: 65236
 Ion Ratio Lower Upper
 149 100
 167 28.6 20.5 30.7
 279 4.9 2.0 3.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087934.D
 Acq: 12 Jun 2016 7:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:	264	Resp:	267718
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3

