

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087903.D
 Acq On : 11 Jun 2016 15:39
 Operator : UM/SJ
 Sample : PB91125BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BL

Quant Time: Jun 12 05:13:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98088	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	423543	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	187847	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	366200	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	367889	20.00	ng	-0.02
86) Perylene-d12	15.38	264	303689	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	744388	129.74	ng	-0.02
7) Phenol-d6	6.43	99	874649	125.78	ng	-0.05
23) Nitrobenzene-d5	7.37	82	572147	78.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	212512	107.14	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1042510	87.34	ng	-0.05
78) Terphenyl-d14	12.91	244	915538	56.63	ng	-0.03

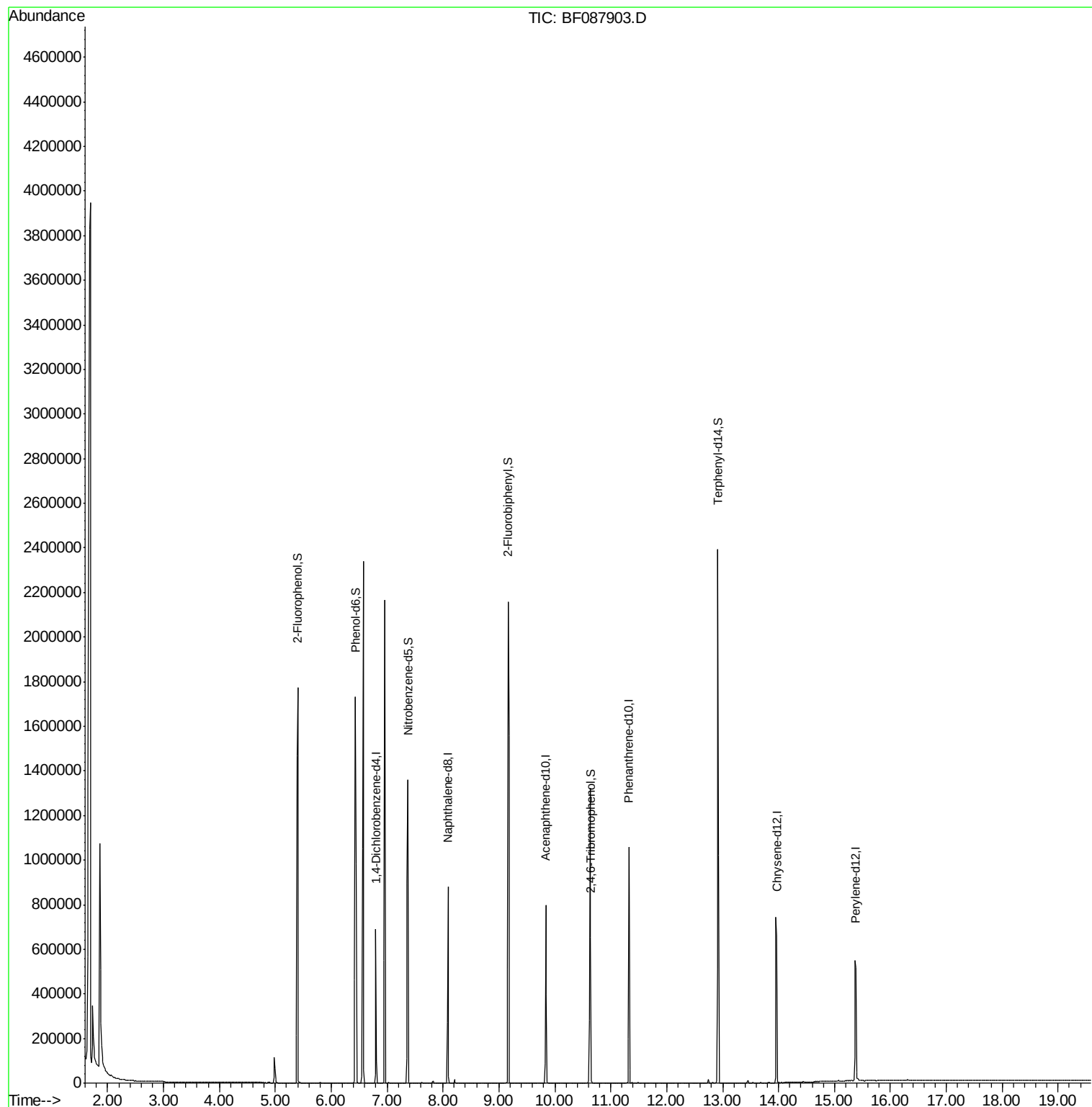
Target Compounds Qvalue

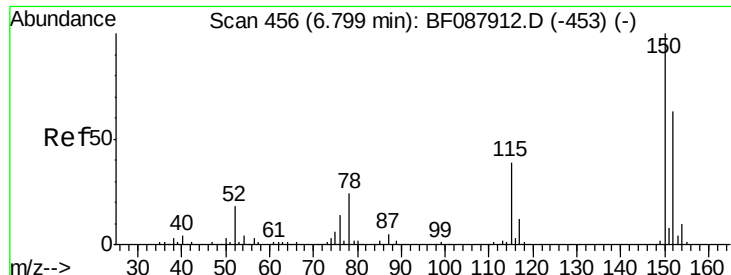
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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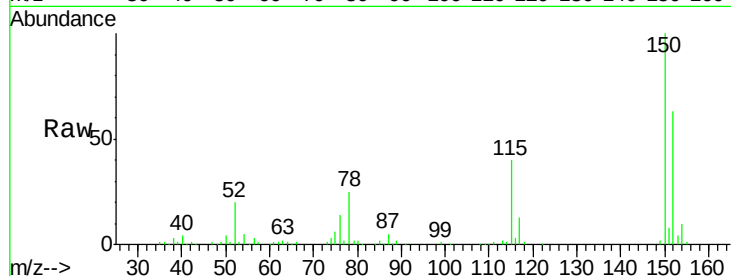


#1

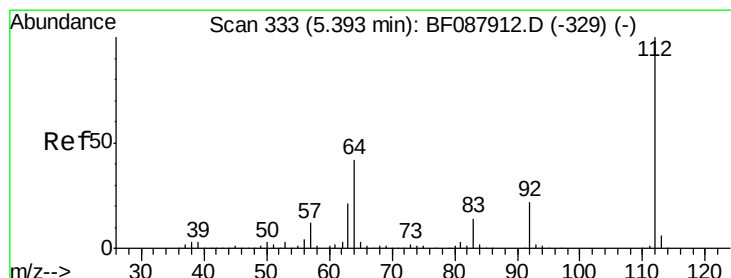
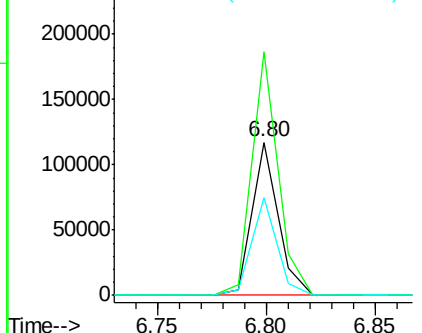
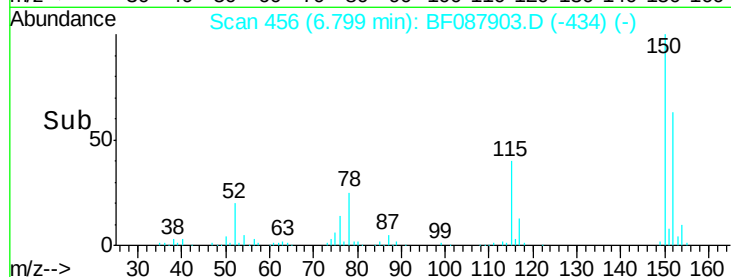
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	64.2	39.6	59.4



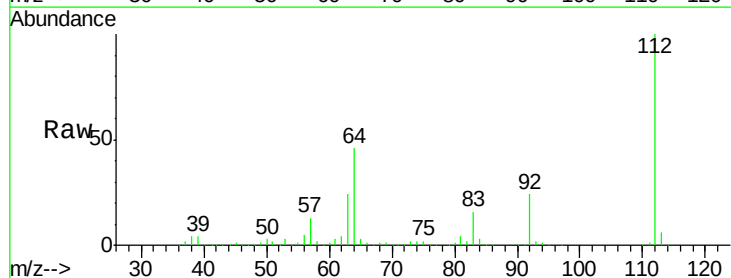
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



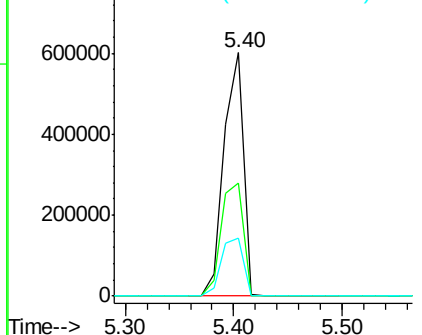
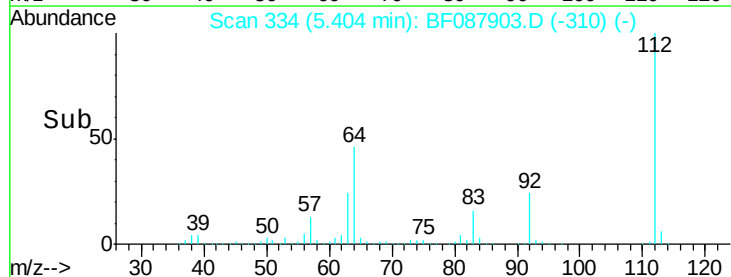
#5

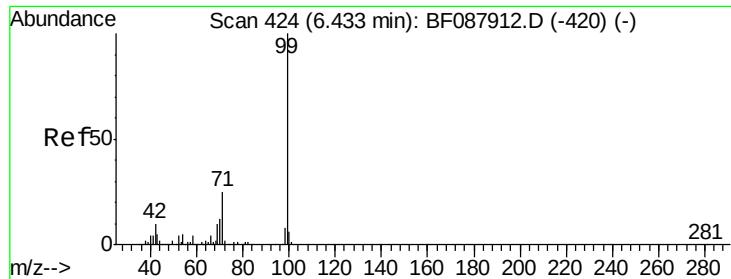
2-Fluorophenol
 Concen: 129.74 ng
 RT: 5.40 min Scan# 334
 Delta R.T. -0.02 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.3	42.2	63.2
63	23.6	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: 125.78 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087903.D

Acq: 11 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB91125BL

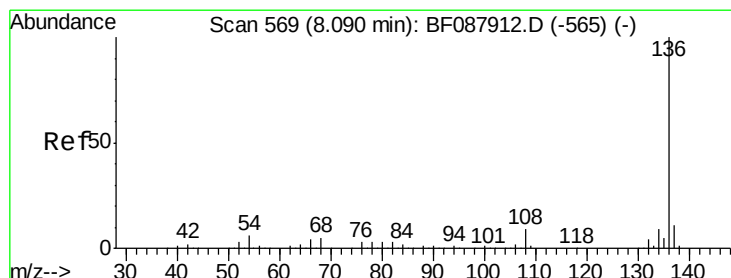
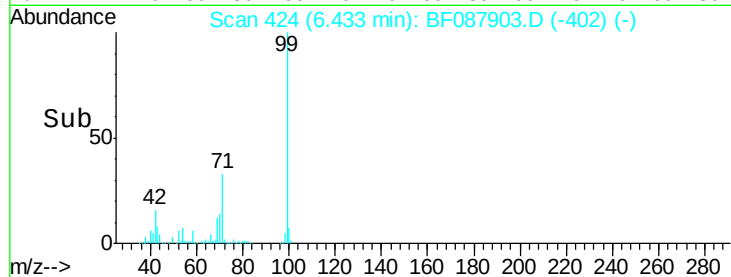
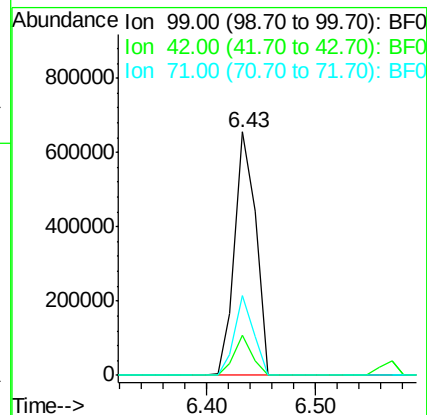
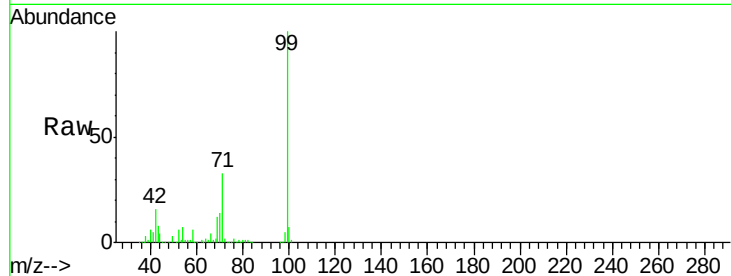
Tot Ion: 99 Resp: 874649

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 32.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087903.D

Acq: 11 Jun 2016 15:39

Tgt Ion: 136 Resp: 423543

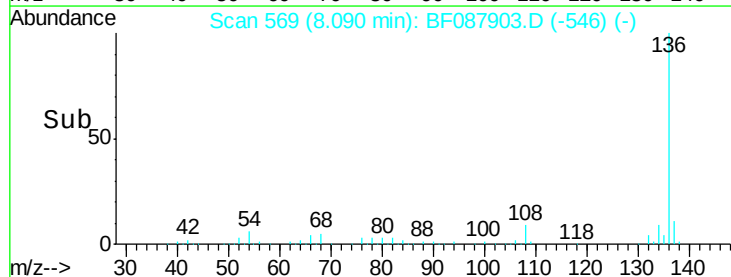
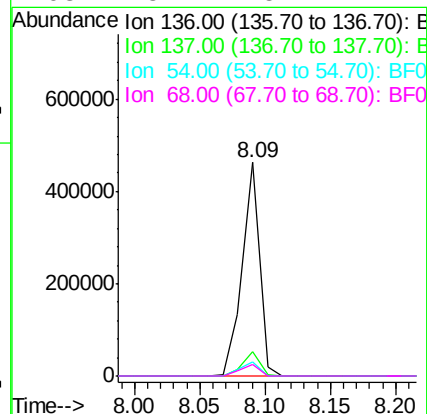
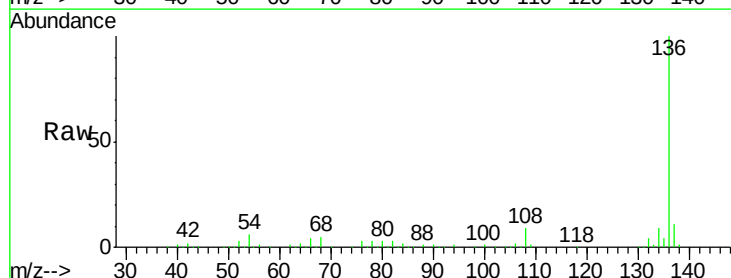
Ion Ratio Lower Upper

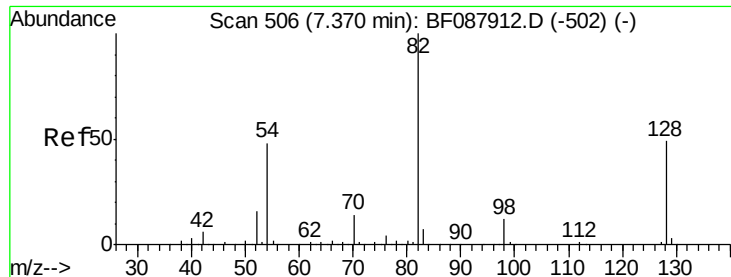
136 100

137 11.1 9.1 13.7

54 6.4 6.6 10.0#

68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 78.88 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087903.D

Acq: 11 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

PB91125BL

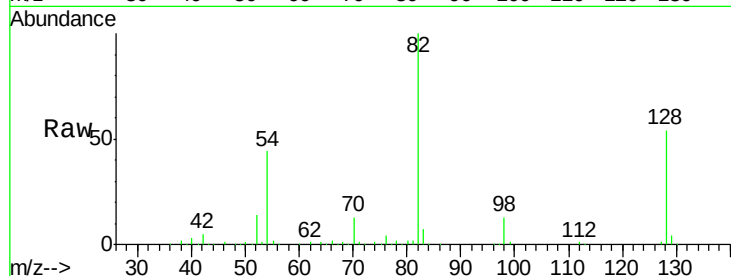
Tot Ion: 82 Resp: 572147

Ion Ratio Lower Upper

82 100

128 54.1 35.9 53.9#

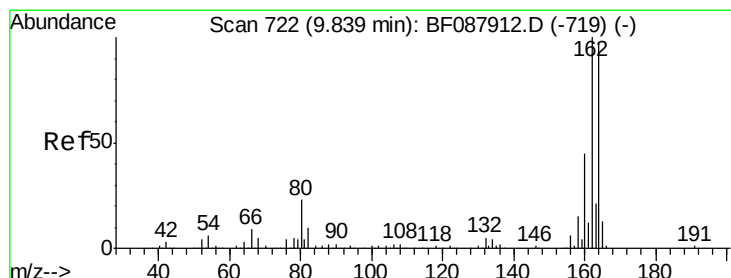
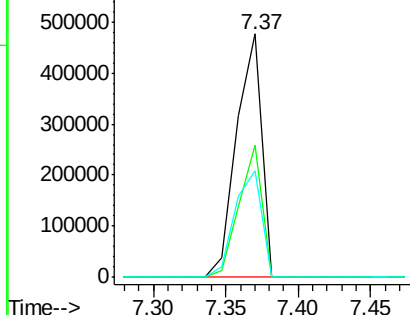
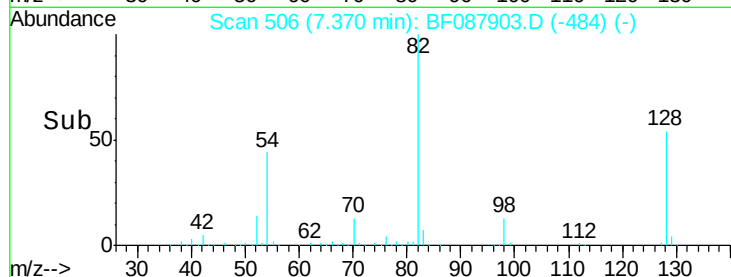
54 43.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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. -0.05 min

Lab File: BF087903.D

Acq: 11 Jun 2016 15:39

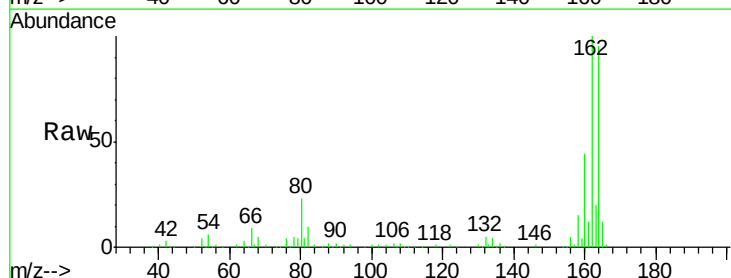
Tgt Ion:164 Resp: 187847

Ion Ratio Lower Upper

164 100

162 105.6 85.4 128.2

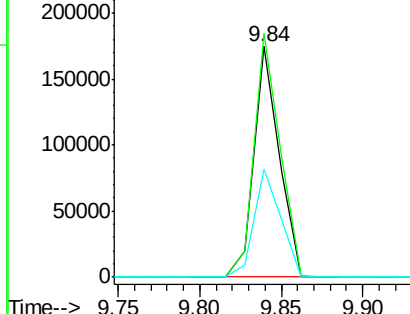
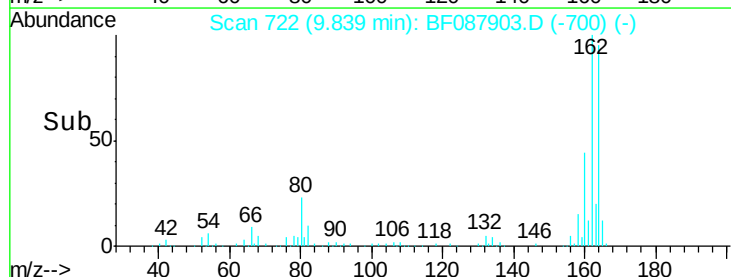
160 46.7 39.5 59.3

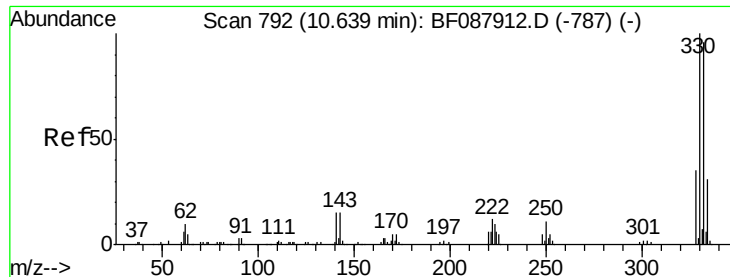


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

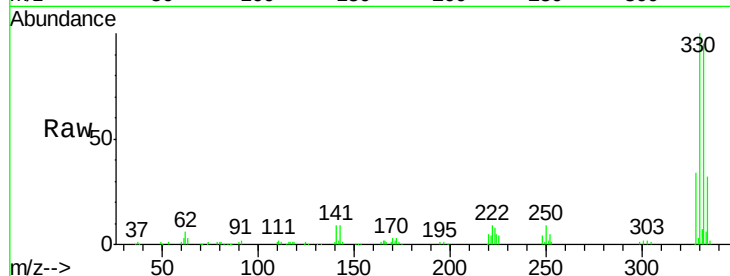




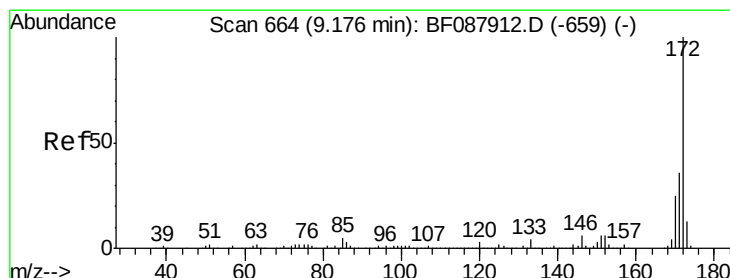
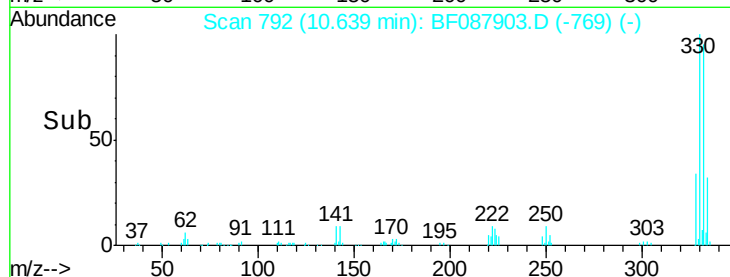
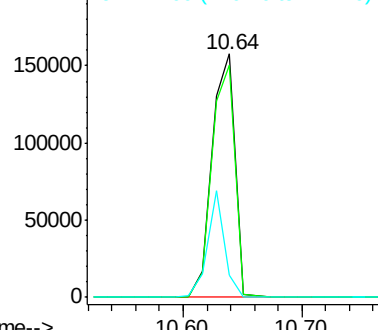
#41
 2,4,6-Tribromophenol
 Concen: 107.14 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	32.4	0.0	0.0#

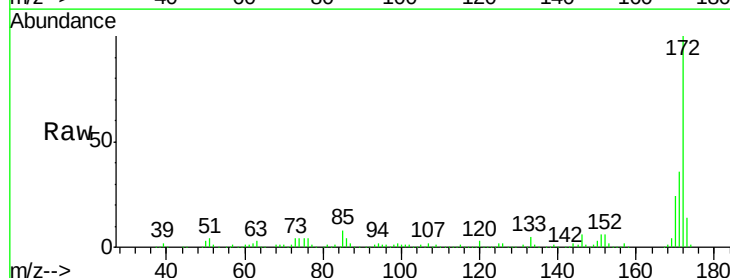


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

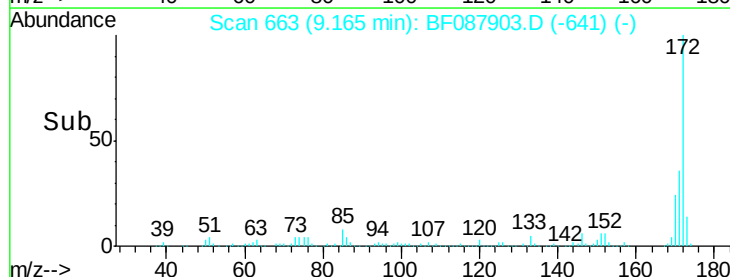
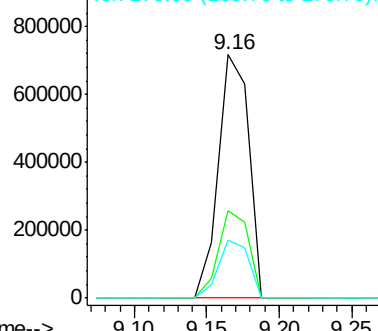


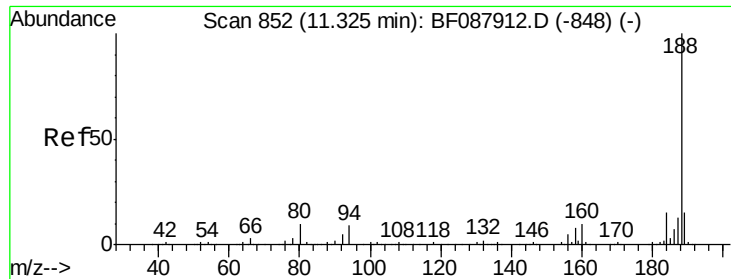
#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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

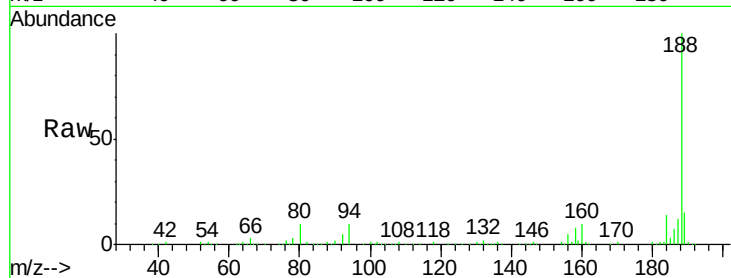




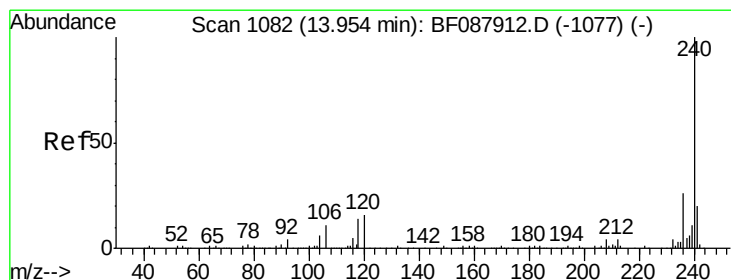
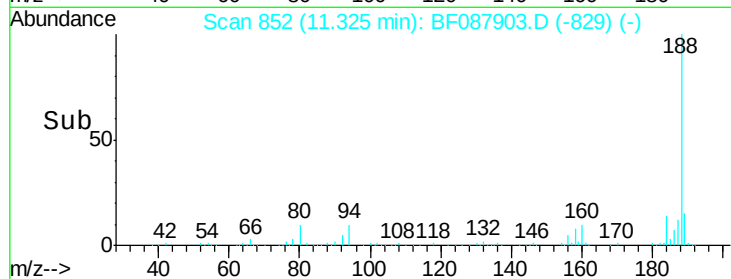
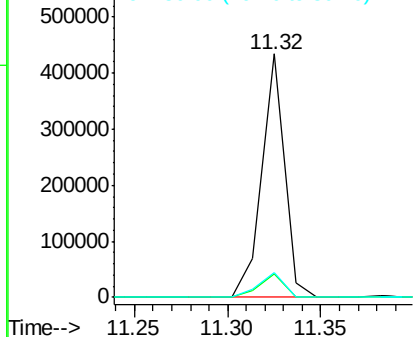
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087903.D
Acq: 11 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
PB91125BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.6
80	10.2	10.0	15.0

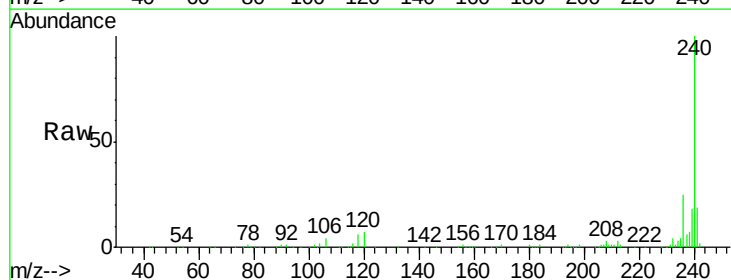


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

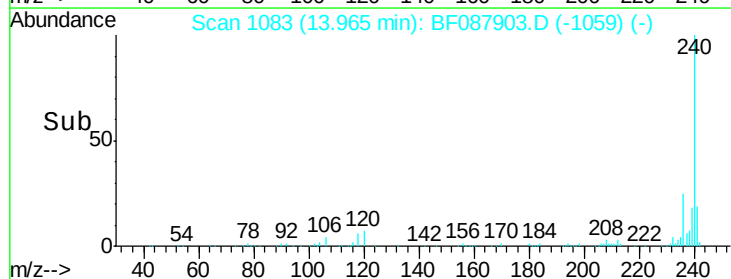
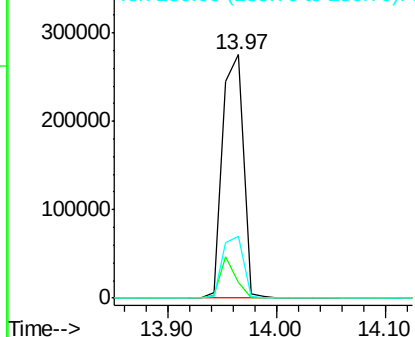


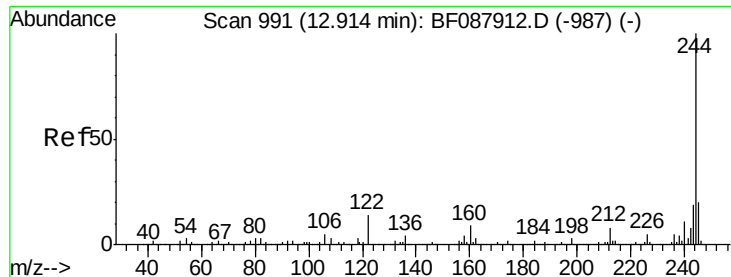
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF087903.D
Acq: 11 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.4	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

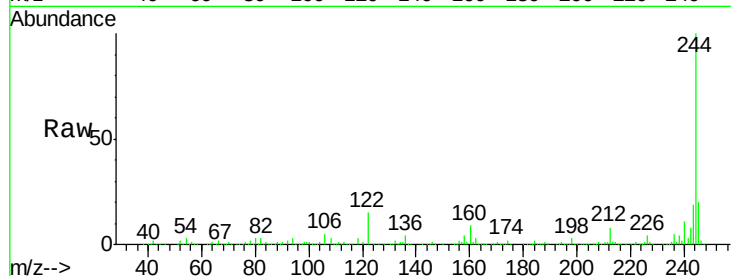




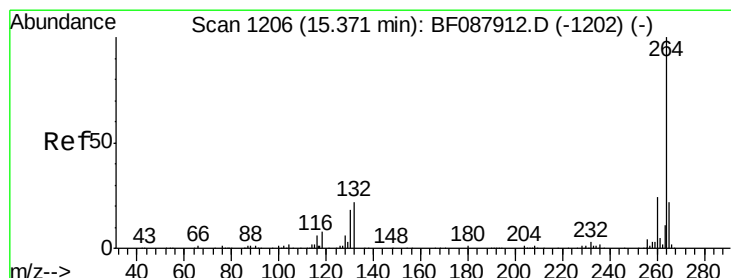
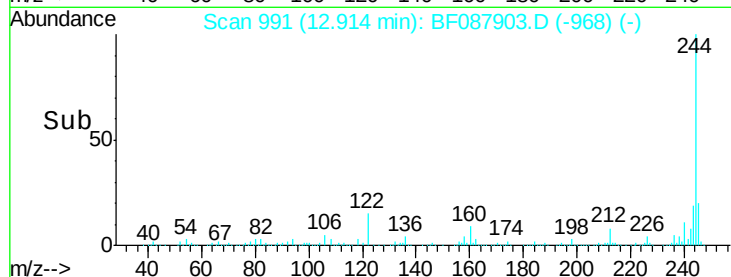
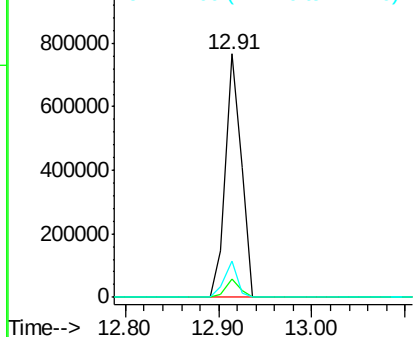
#78
 Terphenyl-d14
 Concen: 56.63 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BL

Tot Ion:244 Resp: 915538
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.0 11.2 16.8

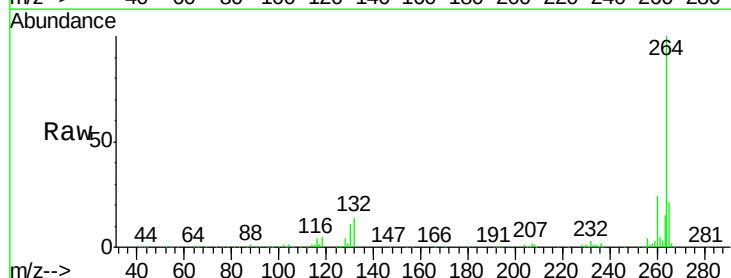


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF087903.D
 Acq: 11 Jun 2016 15:39

Tgt Ion:264 Resp: 303689
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 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

