

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087901.D
 Acq On : 11 Jun 2016 14:40
 Operator : UM/SJ
 Sample : PB91188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Quant Time: Jun 12 05:09:15 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	103077	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	435599	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	177532	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	360601	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	376967	20.00	ng	-0.02
86) Perylene-d12	15.38	264	306590	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	757702	125.67	ng	-0.02
7) Phenol-d6	6.43	99	907421	124.18	ng	-0.05
23) Nitrobenzene-d5	7.37	82	588181	78.85	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	221388	118.10	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1074147	95.75	ng	-0.05
78) Terphenyl-d14	12.91	244	997411	60.21	ng	-0.03

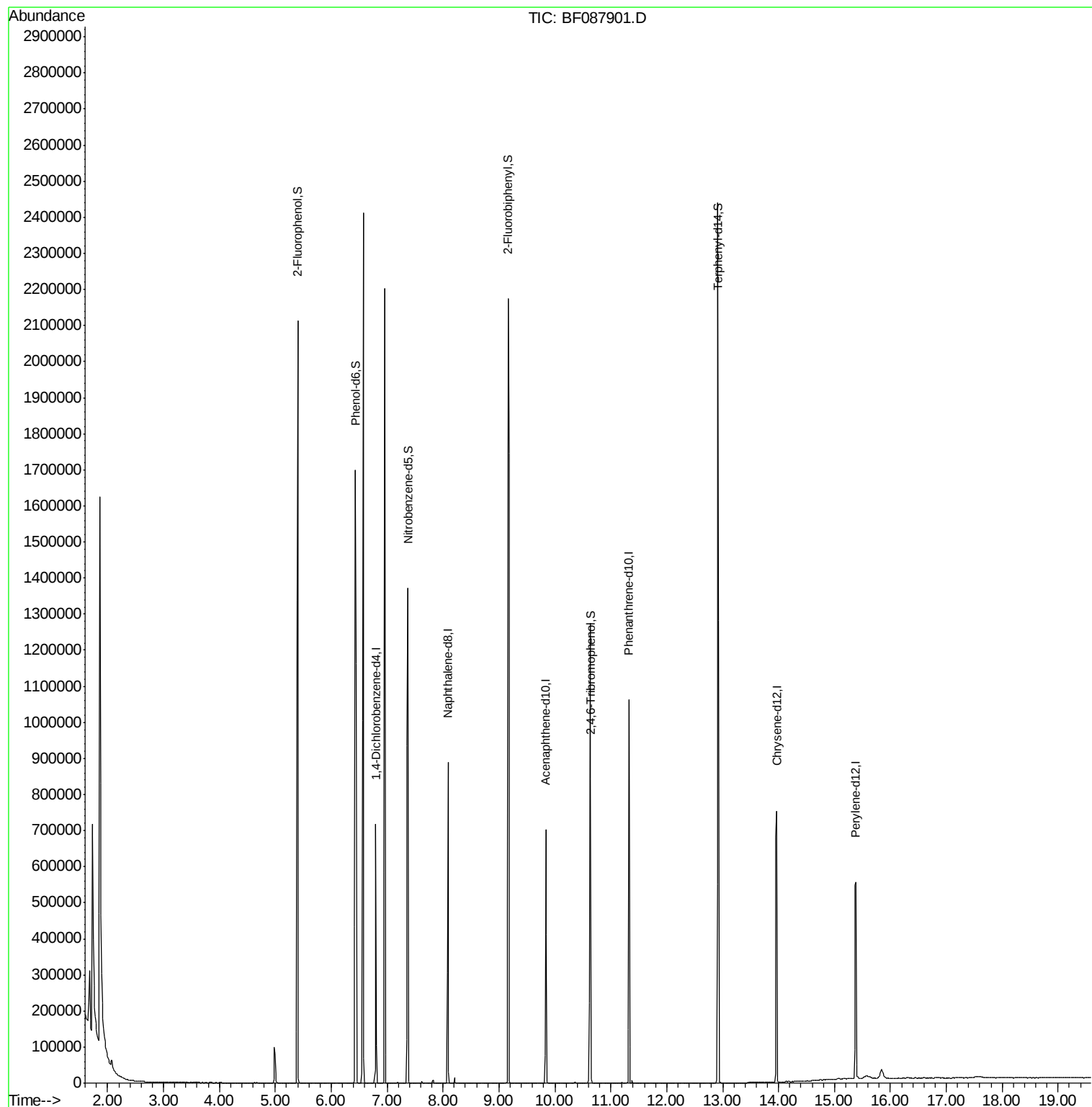
Target Compounds Qvalue

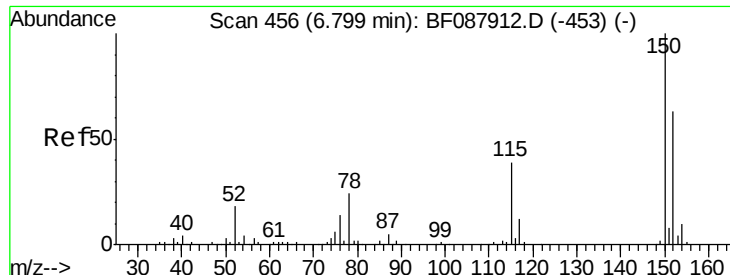
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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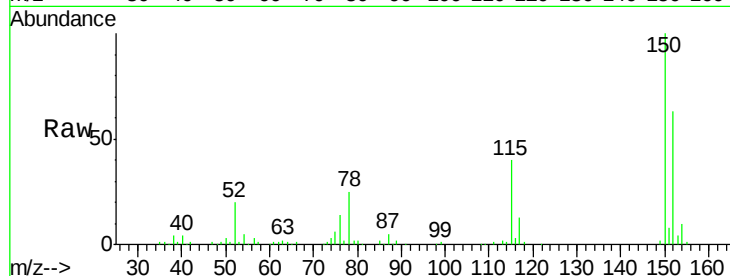


#1

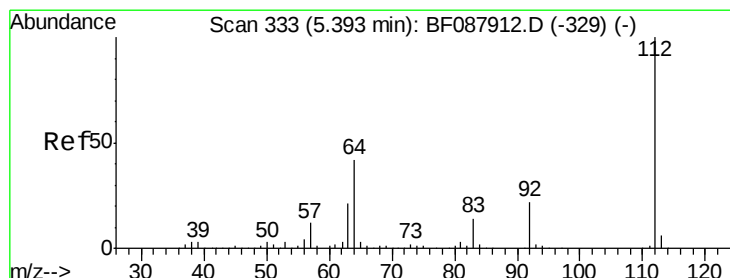
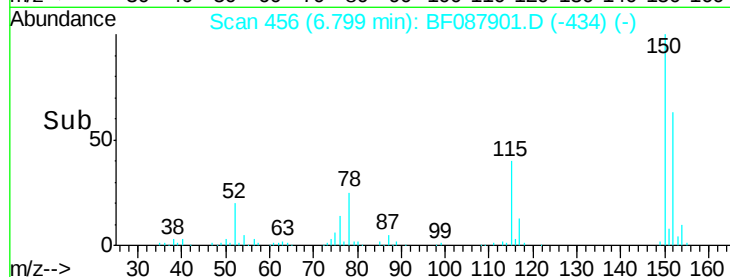
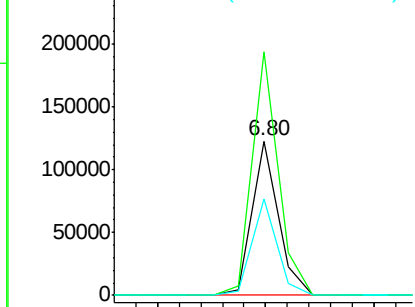
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	62.7	39.6	59.4



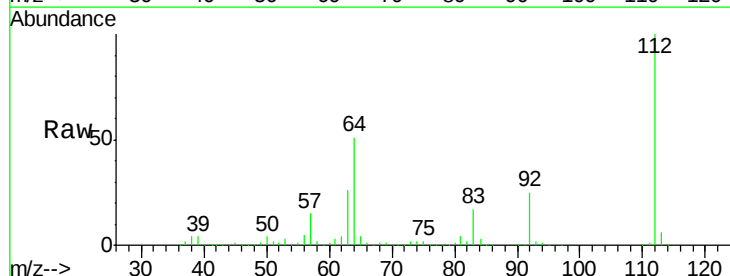
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



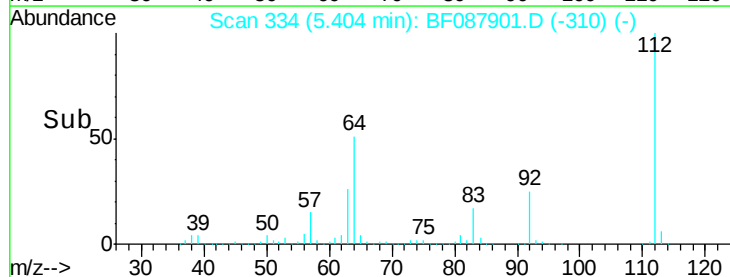
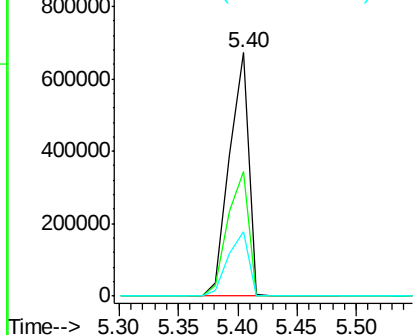
#5

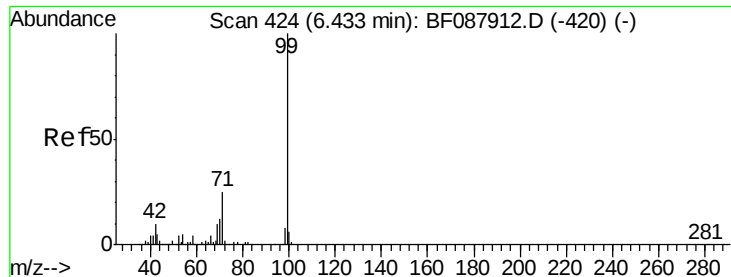
2-Fluorophenol
 Concen: 125.67 ng
 RT: 5.40 min Scan# 334
 Delta R.T. -0.02 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.2	63.2
63	26.4	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: 124.18 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087901.D

Acq: 11 Jun 2016 14:40

Instrument :

BNA_F

ClientSampleId :

PB91188BL

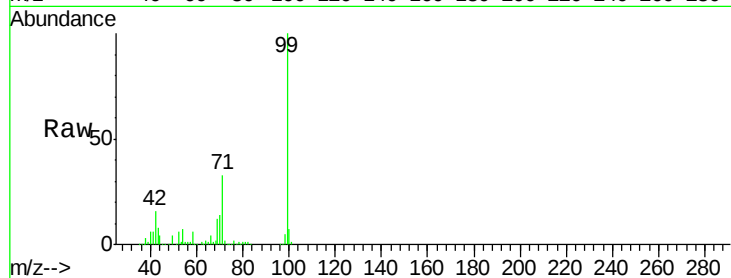
Tot Ion: 99 Resp: 907421

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

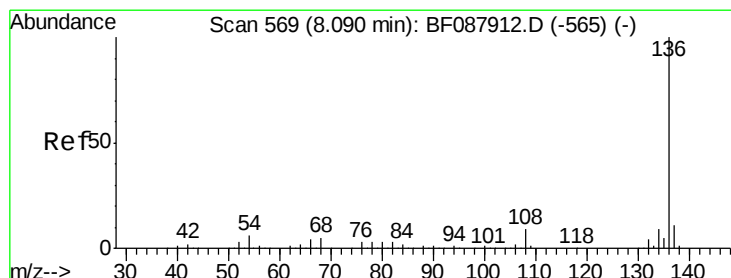
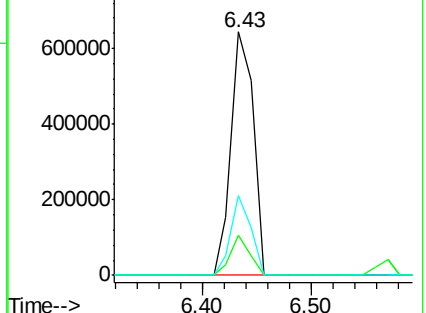
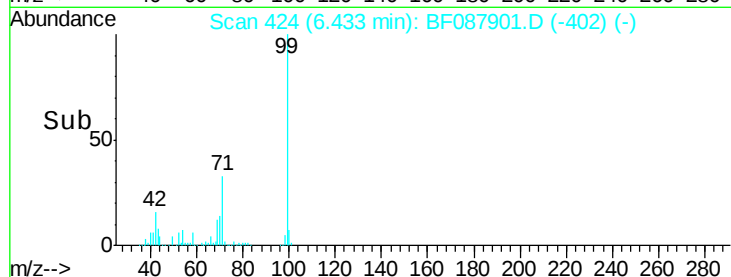
71 32.7 23.4 35.0



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. -0.03 min

Lab File: BF087901.D

Acq: 11 Jun 2016 14:40

Tgt Ion: 136 Resp: 435599

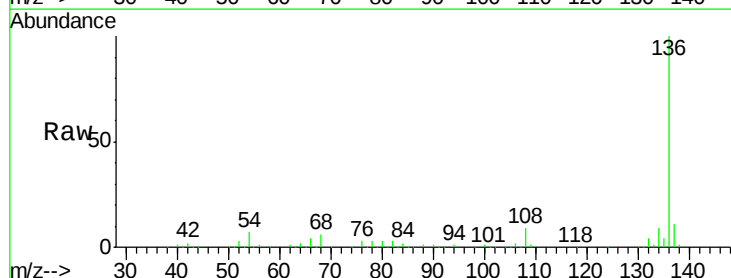
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.7 6.6 10.0

68 5.5 5.1 7.7

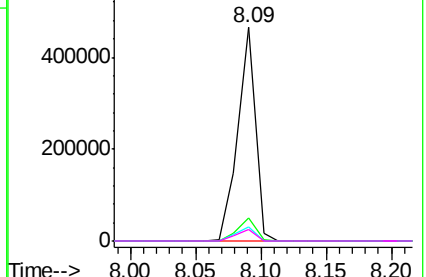
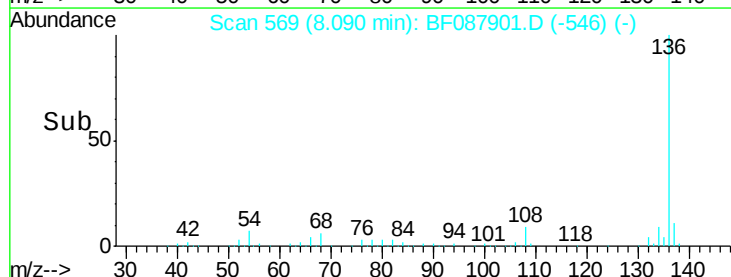


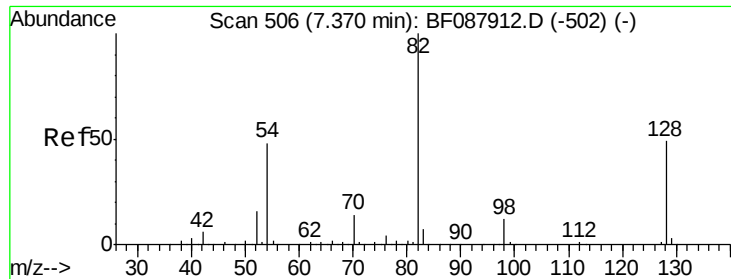
Abundance Ion 136.00 (135.70 to 136.70): E

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

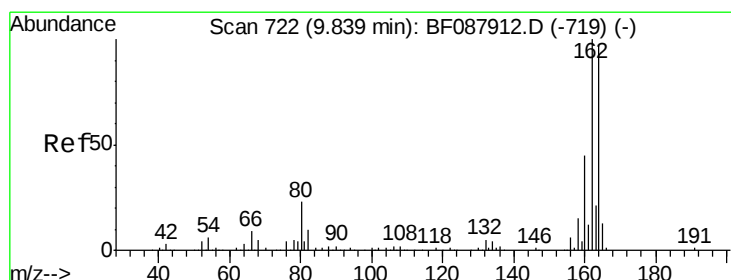
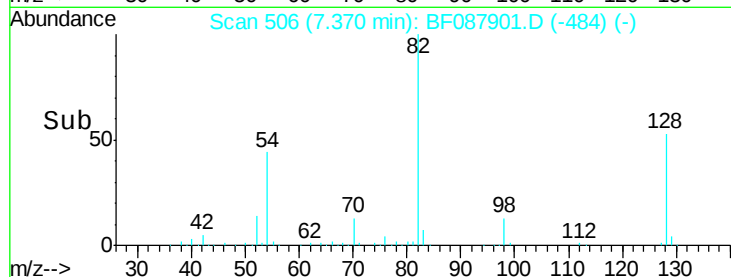
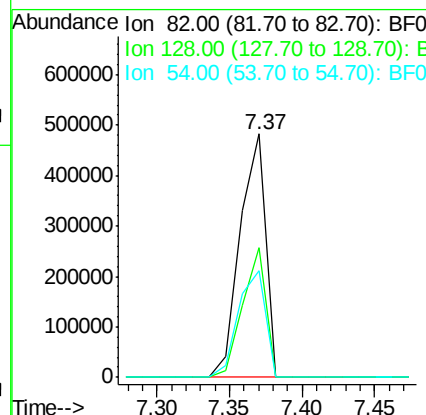
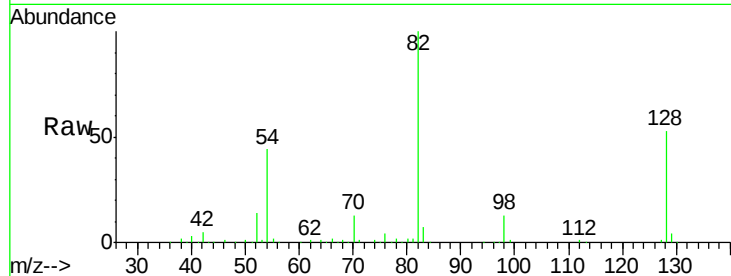




#23
 Nitrobenzene-d5
 Concen: 78.85 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

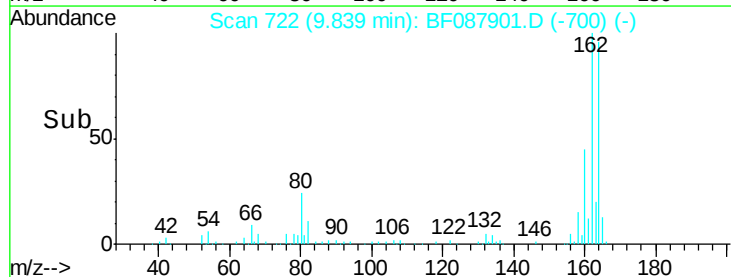
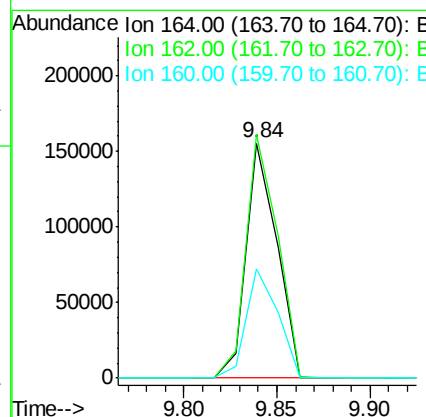
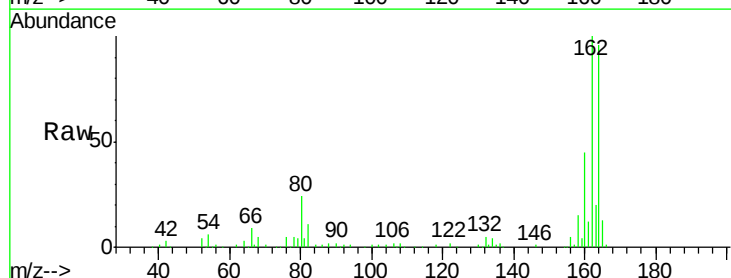
Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

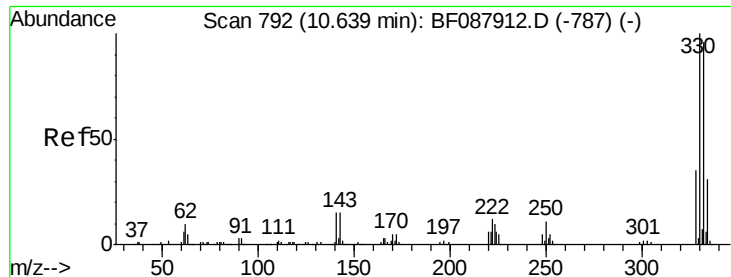
Tot Ion: 82 Resp: 588181
 Ion Ratio Lower Upper
 82 100
 128 53.3 35.9 53.9
 54 43.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Tgt Ion:164 Resp: 177532
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.5 39.5 59.3

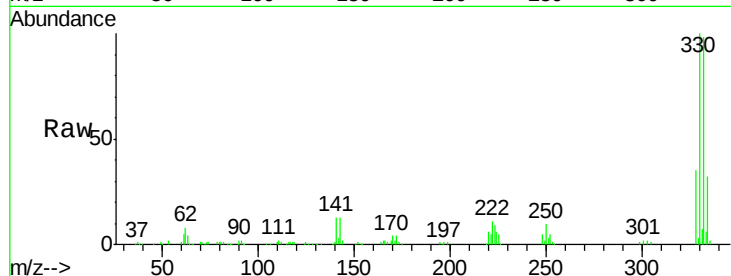




#41
 2,4,6-Tribromophenol
 Concen: 118.10 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB91188BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	32.1	0.0	0.0#

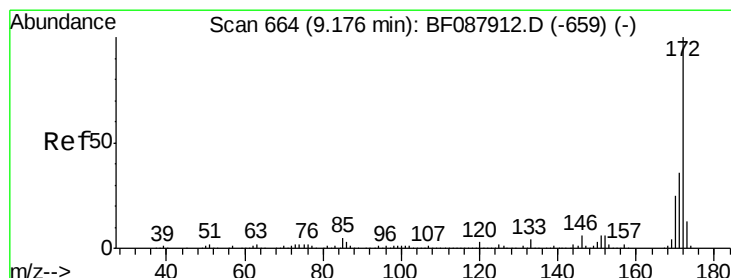
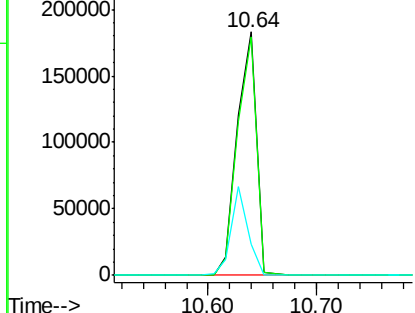
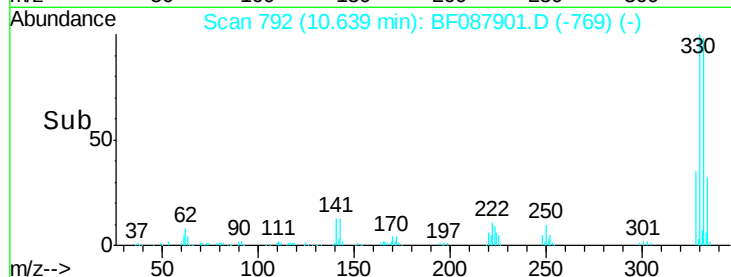


Abundance

Ion 329.80 (329.50 to 330.50): E

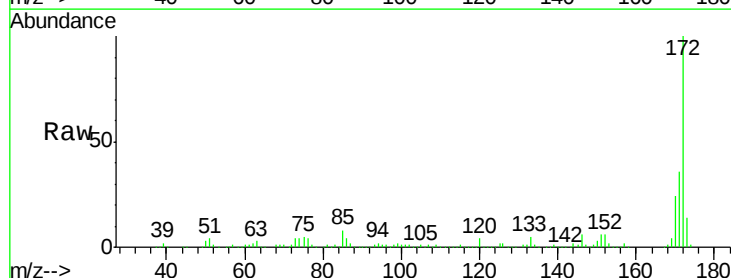
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.75 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.2	28.8

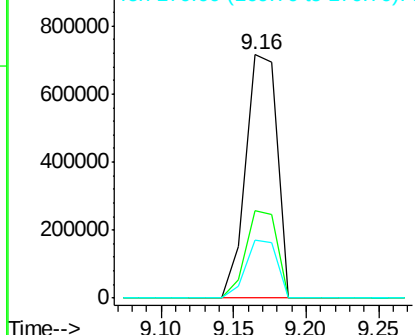
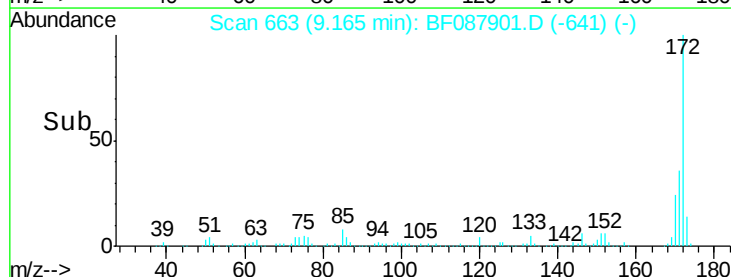


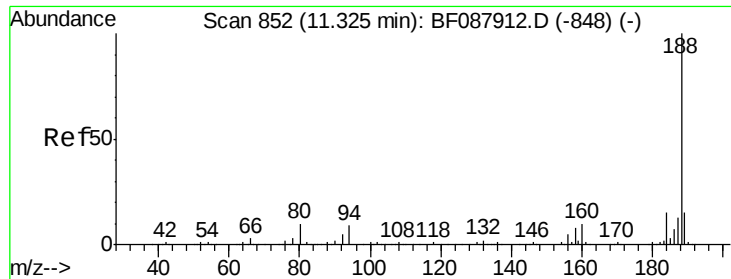
Abundance

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

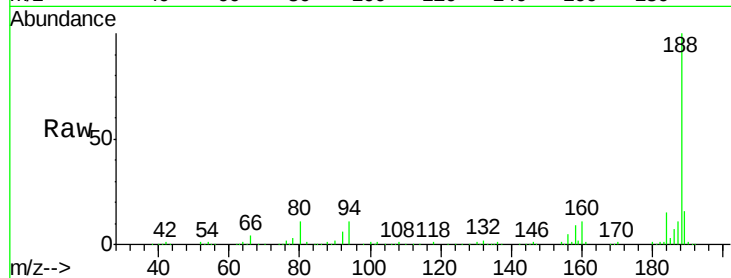




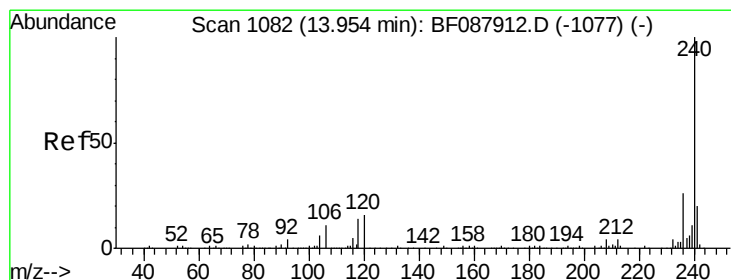
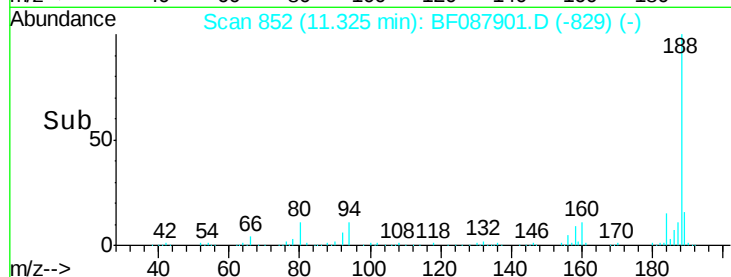
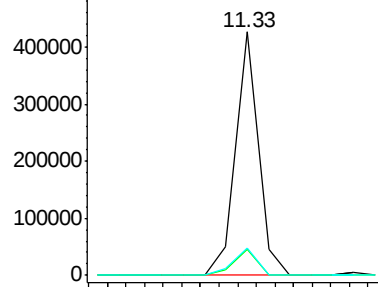
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087901.D
Acq: 11 Jun 2016 14:40

Instrument :
BNA_F
ClientSampled :
PB91188BL

Tot Ion:188 Resp: 360601
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.4 10.0 15.0

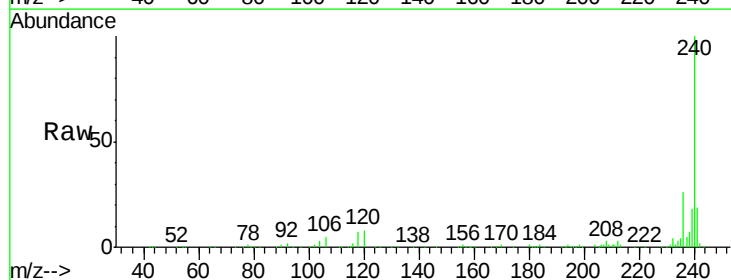


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

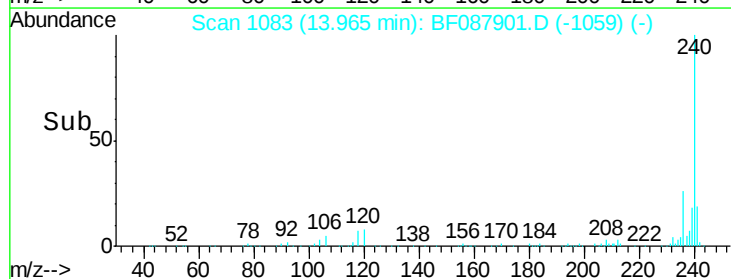
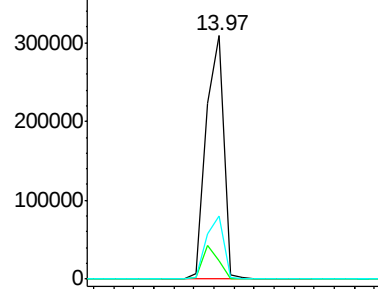


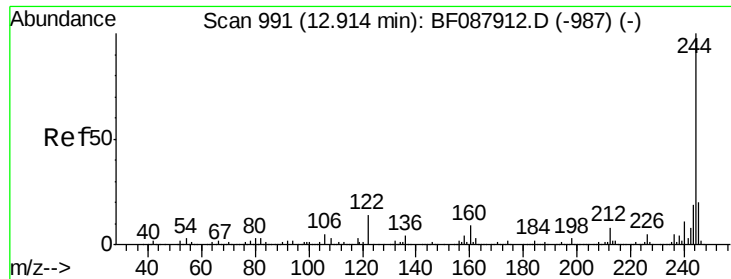
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF087901.D
Acq: 11 Jun 2016 14:40

Tgt Ion:240 Resp: 376967
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 25.7 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

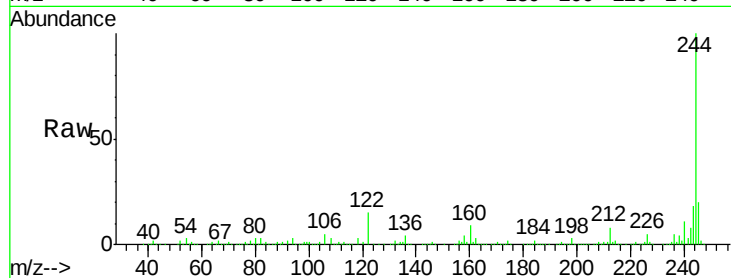




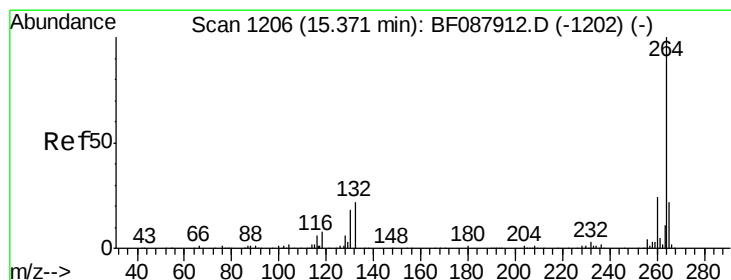
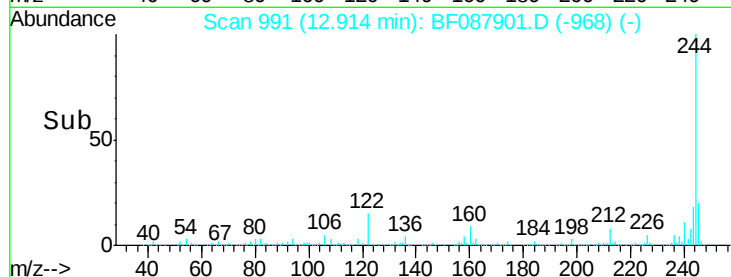
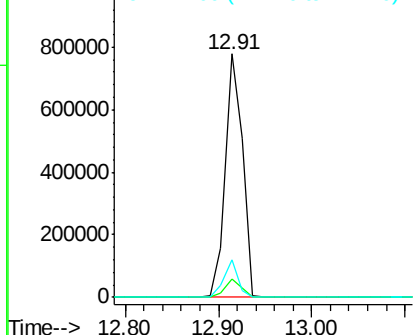
#78
 Terphenyl-d14
 Concen: 60.21 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Instrument :
 BNA_F
 ClientSampleID :
 PB91188BL

Tot Ion:244 Resp: 997411
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.2 11.2 16.8

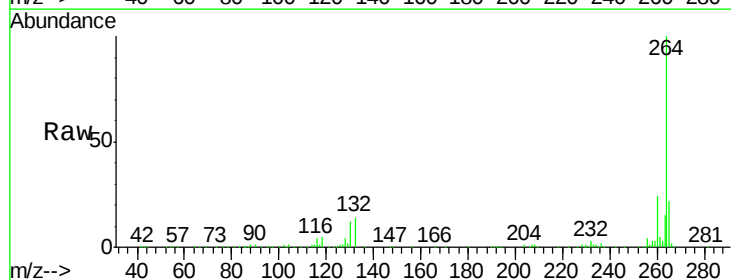


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF087901.D
 Acq: 11 Jun 2016 14:40

Tgt Ion:264 Resp: 306590
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 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

