

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087957.D
 Acq On : 12 Jun 2016 19:32
 Operator : UM/SJ
 Sample : H3440-06
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Jun 13 06:01:35 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 05:09:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115152	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	469145	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	219311	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	425065	20.00	ng	0.00
75) Chrysene-d12	13.95	240	311821	20.00	ng	-0.01
86) Perylene-d12	15.37	264	243453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	440755	65.43	ng	0.01
7) Phenol-d6	6.43	99	380814	46.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	618696	77.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	279184	120.56	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1267585	91.20	ng	-0.01
78) Terphenyl-d14	12.91	244	1030538	75.20	ng	0.00

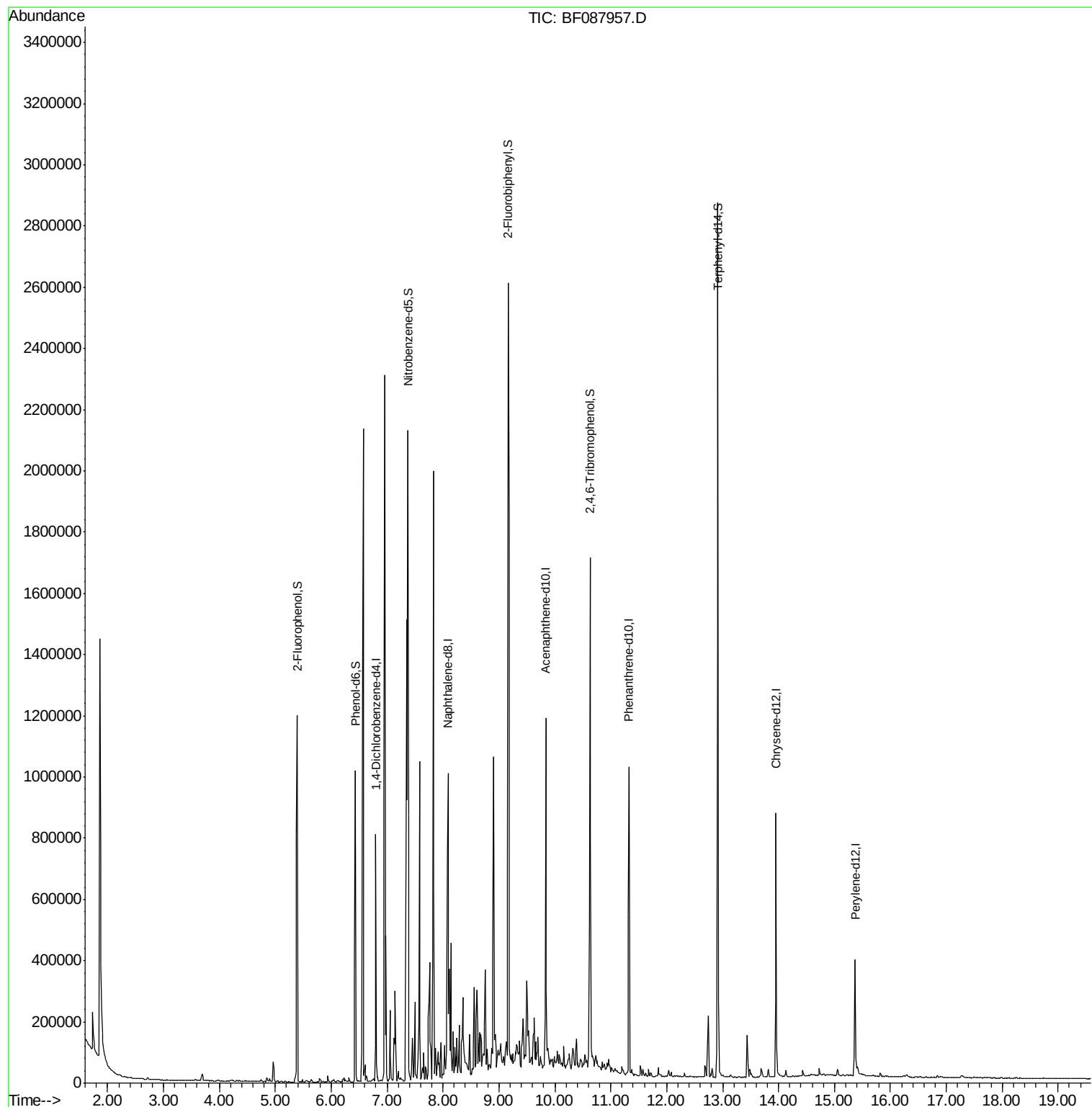
Target Compounds Qvalue

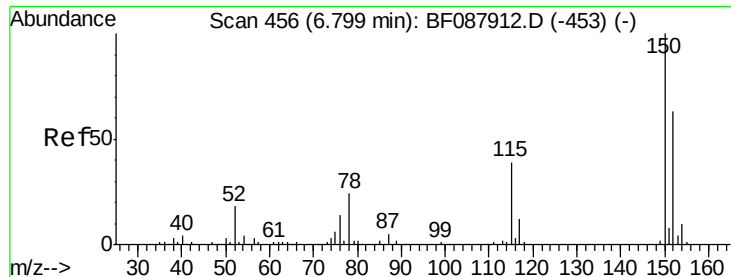
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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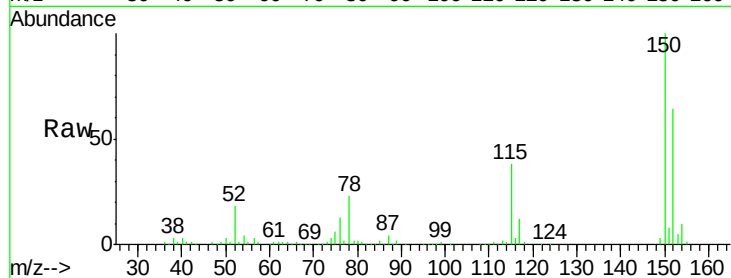


#1

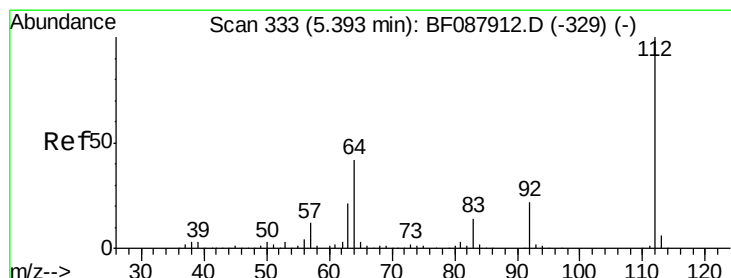
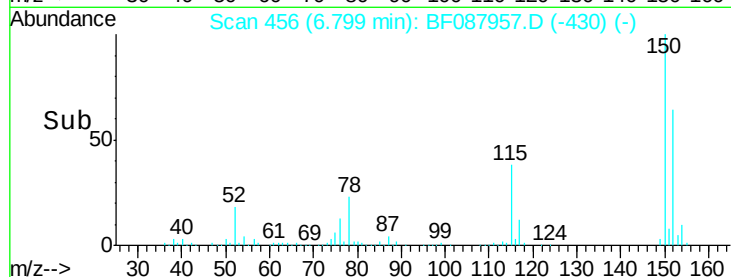
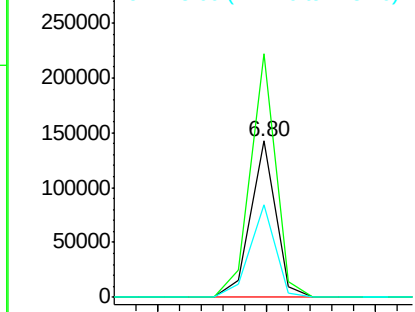
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087957.D
Acq: 12 Jun 2016 19:32

Instrument :
BNA_F
ClientSampleId :
W-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	59.3	39.6	59.4



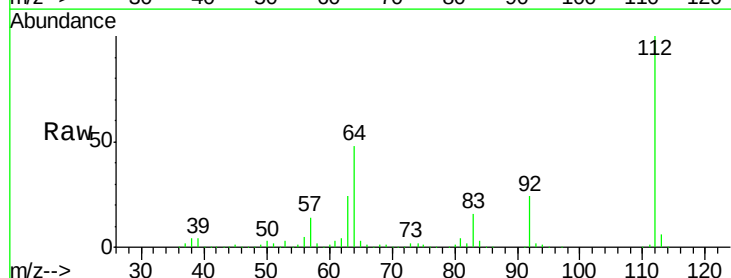
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



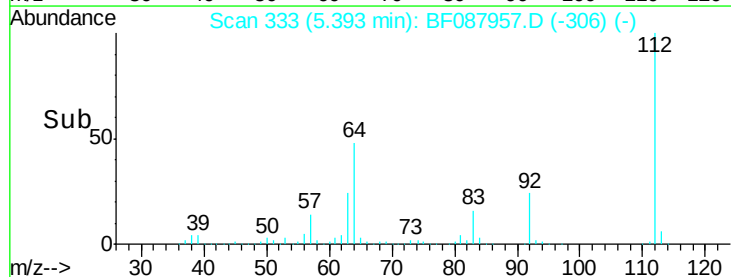
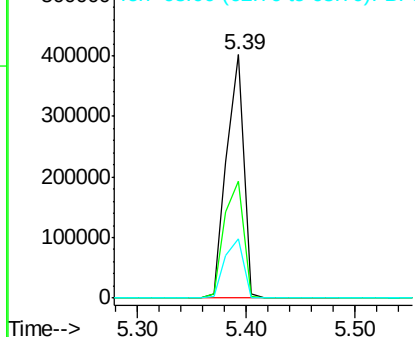
#5

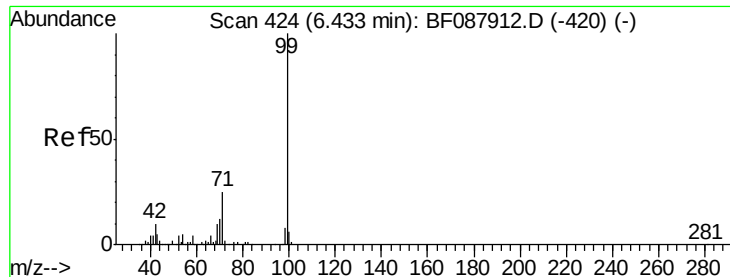
2-Fluorophenol
Concen: 65.43 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF087957.D
Acq: 12 Jun 2016 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	42.2	63.2
63	24.2	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: 46.65 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087957.D

Acq: 12 Jun 2016 19:32

Instrument :

BNA_F

ClientSampled :

W-16

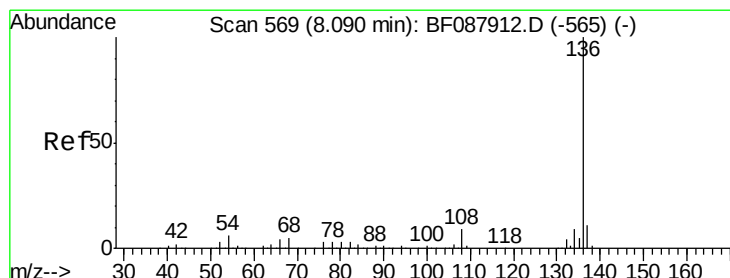
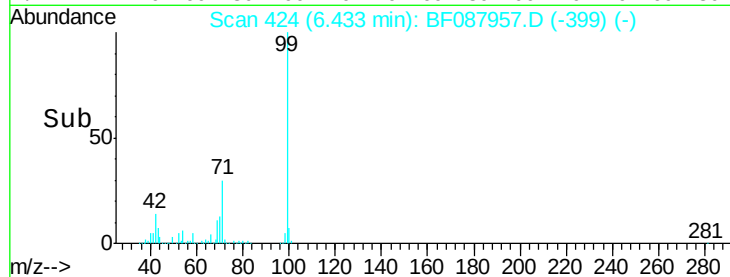
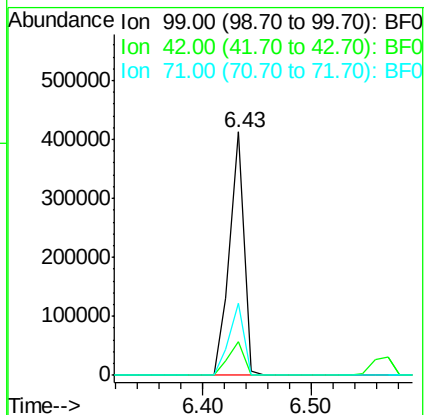
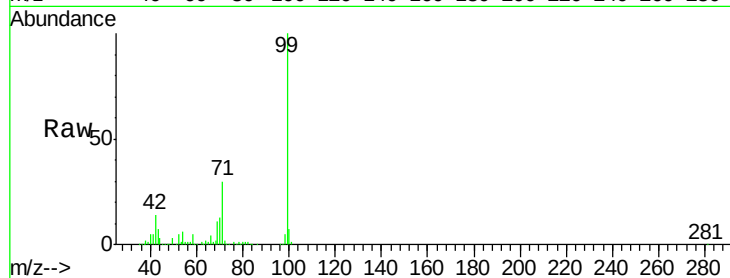
Tot Ion: 99 Resp: 380814

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.2

71 29.5 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: BF087957.D

Acq: 12 Jun 2016 19:32

Tgt Ion: 136 Resp: 469145

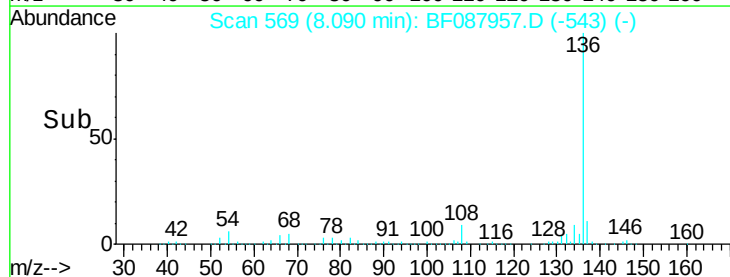
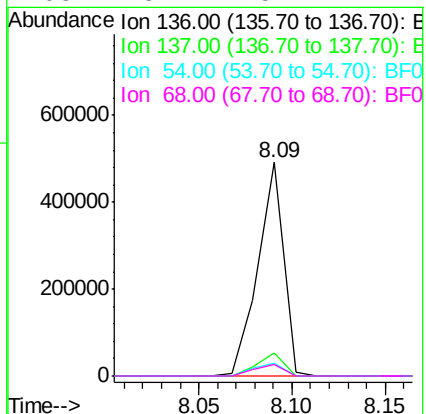
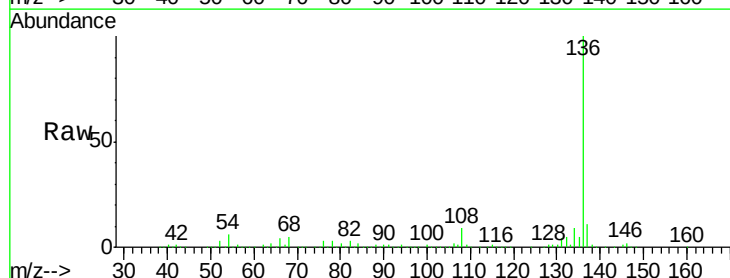
Ion Ratio Lower Upper

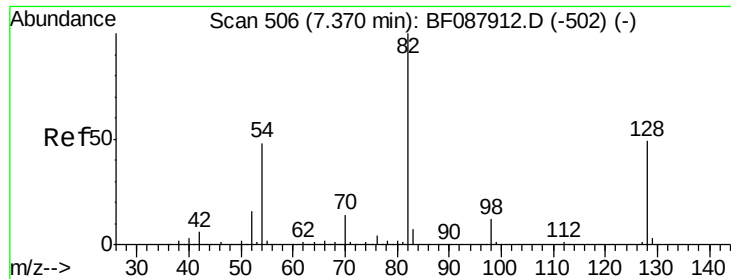
136 100

137 10.7 9.1 13.7

54 6.0 6.6 10.0#

68 5.2 5.1 7.7

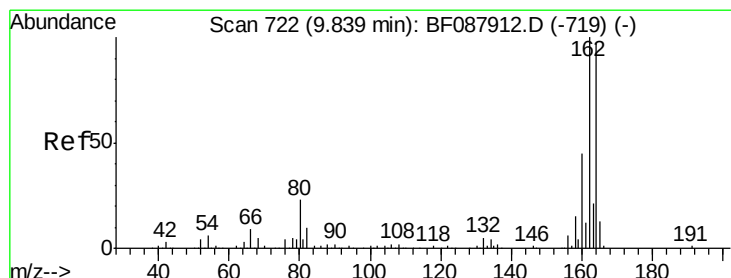
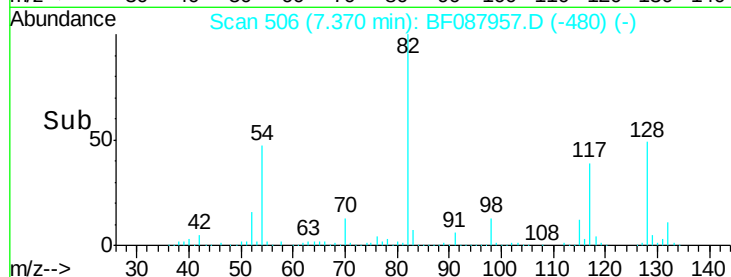
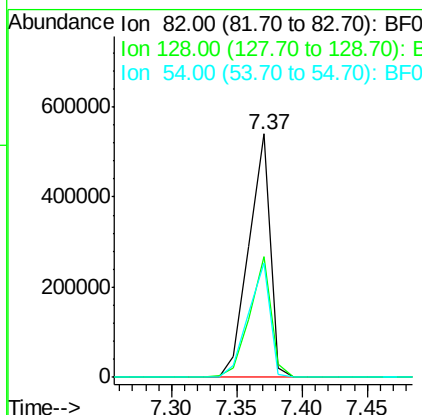
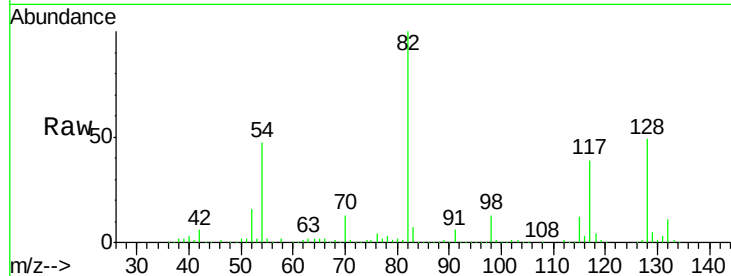




#23
 Nitrobenzene-d5
 Concen: 77.01 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

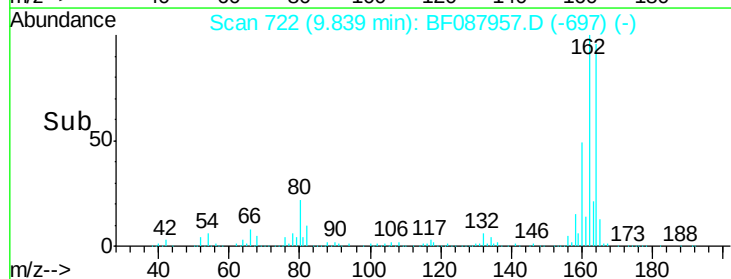
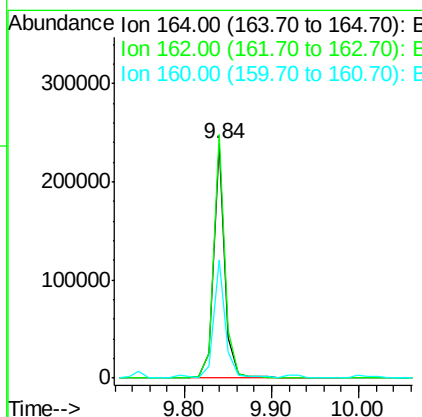
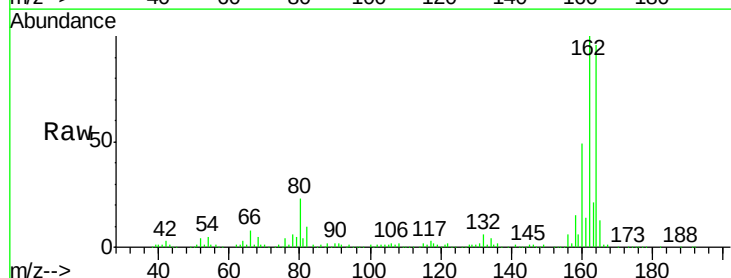
Instrument :
 BNA_F
 ClientSampleId :
 W-16

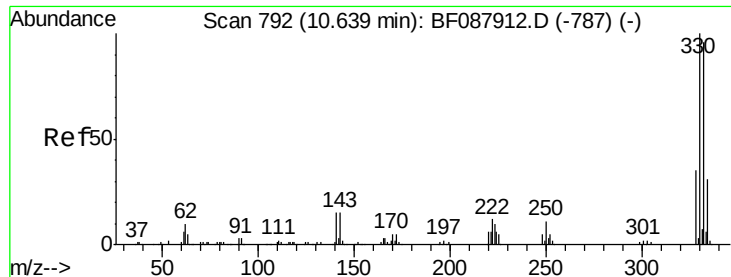
Tot Ion	82	Resp	618696
Ion Ratio	Lower	Upper	
82	100		
128	49.5	35.9	53.9
54	46.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

Tgt Ion	164	Resp	219311
Ion Ratio	Lower	Upper	
164	100		
162	104.1	85.4	128.2
160	50.6	39.5	59.3

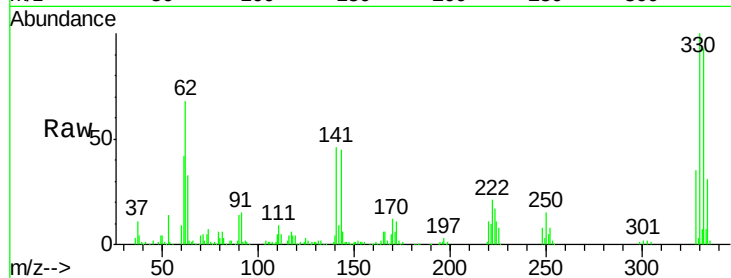




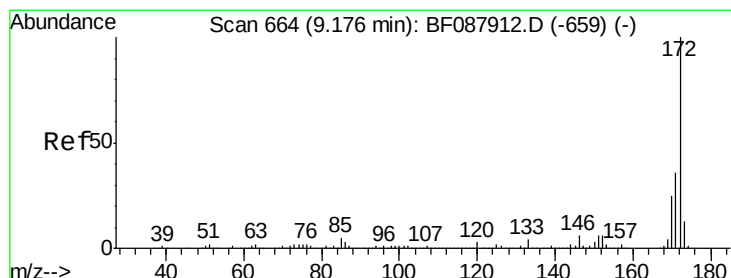
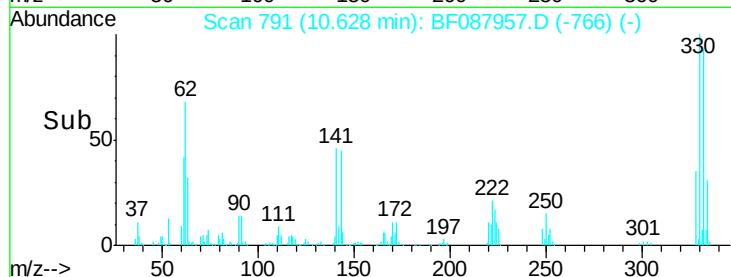
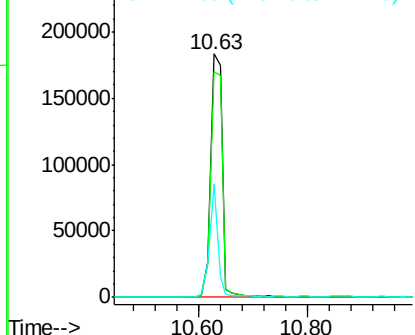
#41
 2,4,6-Tribromophenol
 Concen: 120.56 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

Instrument :
 BNA_F
 ClientSampled :
 W-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	32.5	0.0	0.0#

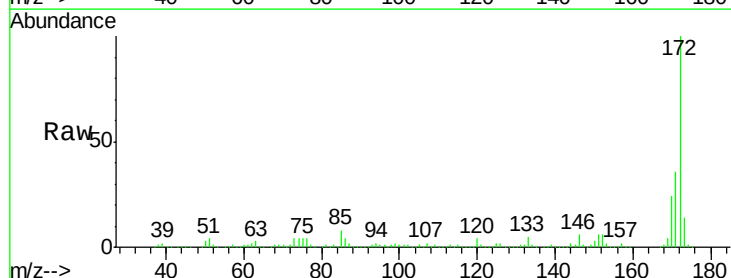


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

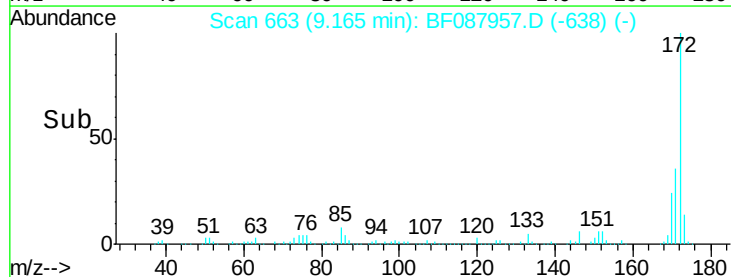
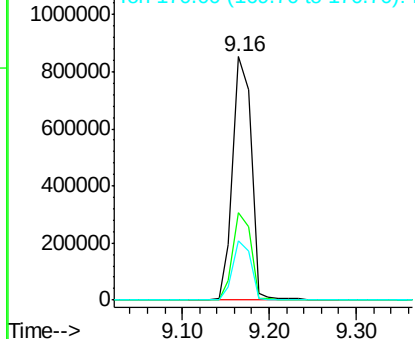


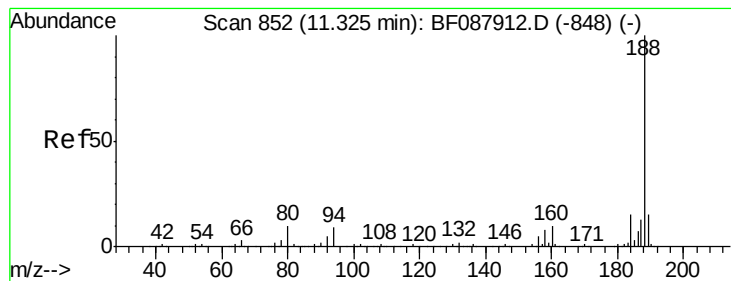
#44
 2-Fluorobiphenyl
 Concen: 91.20 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	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: BF087957.D

Acq: 12 Jun 2016 19:32

Instrument :

BNA_F

ClientSampled :

W-16

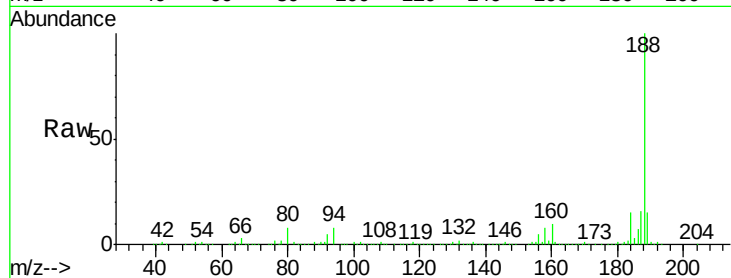
Tot Ion:188 Resp: 425065

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.6#

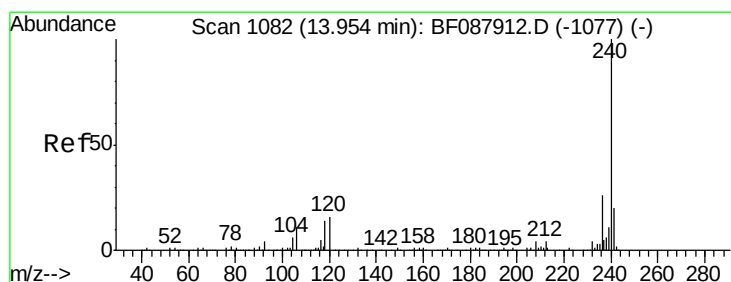
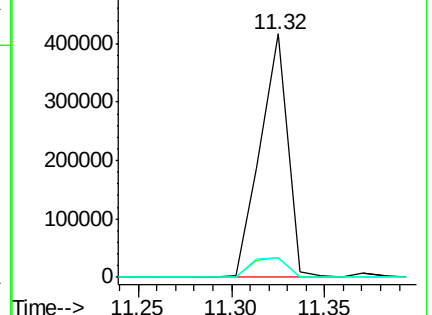
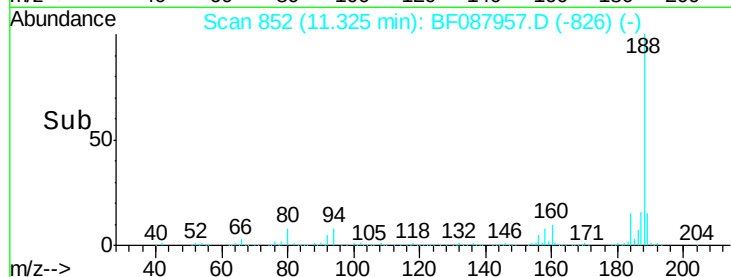
80 8.2 10.0 15.0#



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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087957.D

Acq: 12 Jun 2016 19:32

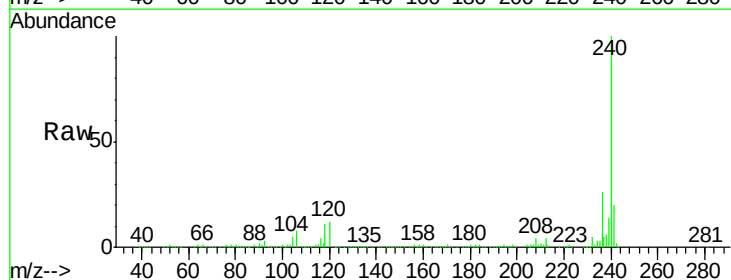
Tgt Ion:240 Resp: 311821

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

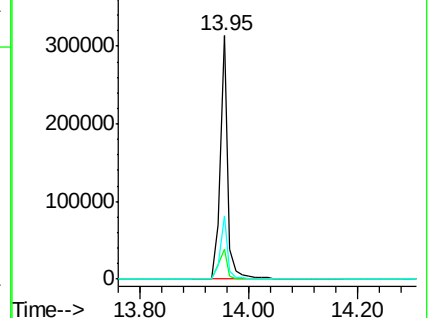
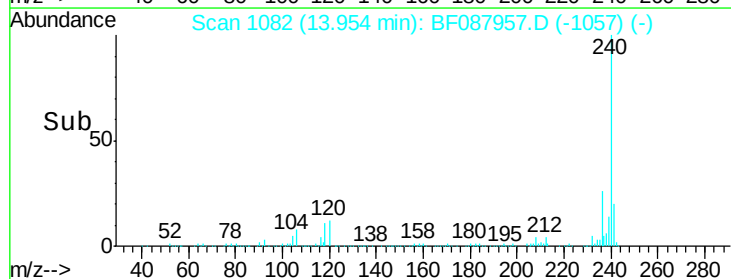
236 26.0 20.2 30.2

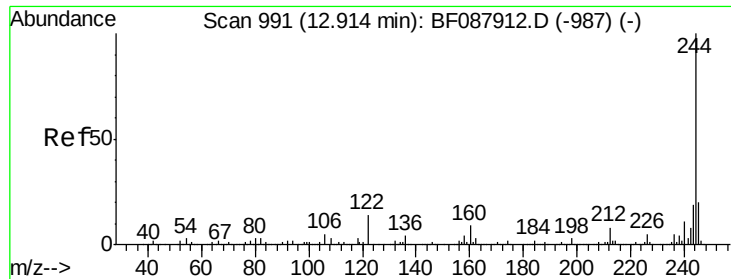


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

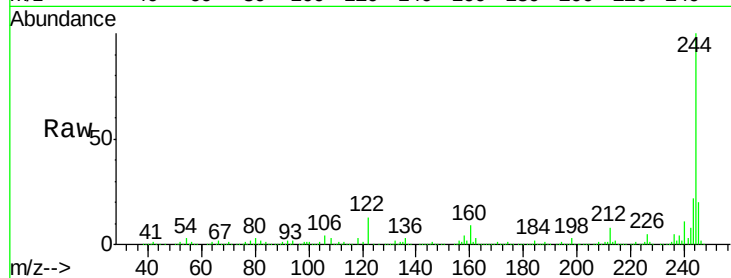




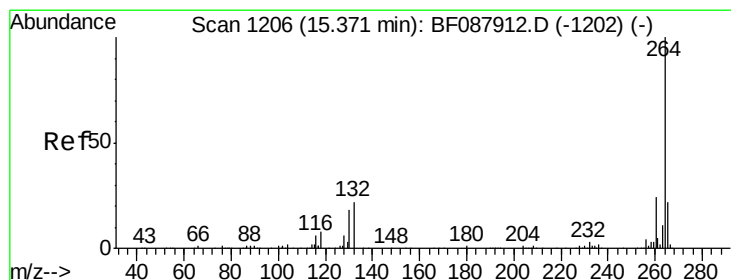
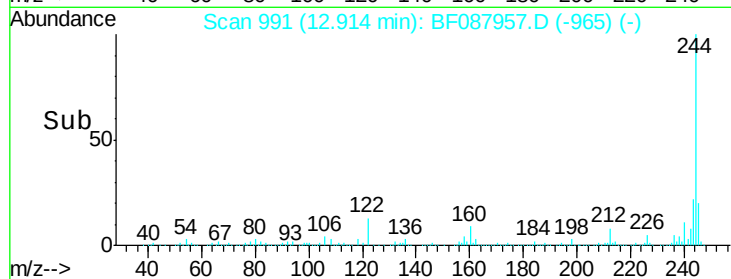
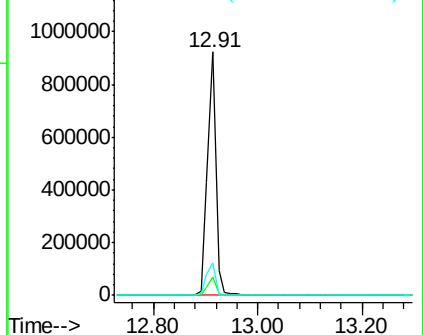
#78
 Terphenyl-d14
 Concen: 75.20 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tot Ion:244 Resp: 1030538
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.1 11.2 16.8

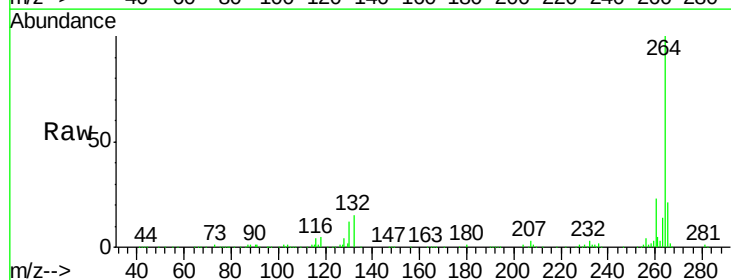


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF087957.D
 Acq: 12 Jun 2016 19:32

Tgt Ion:264 Resp: 243453
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.2 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

