

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087971.D
 Acq On : 13 Jun 2016 2:21
 Operator : UM/SJ
 Sample : H3473-15
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1141-(0-4)

Quant Time: Jun 13 06:52:26 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	112759	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	440877	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	210885	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	406214	20.00	ng	0.00
75) Chrysene-d12	13.95	240	296095	20.00	ng	-0.01
86) Perylene-d12	15.36	264	134798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	669138	101.45	ng	0.02
7) Phenol-d6	6.44	99	859490	107.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	622934	82.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	225092	101.09	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1026461	75.87	ng	-0.01
78) Terphenyl-d14	12.91	244	1021904	78.54	ng	0.00

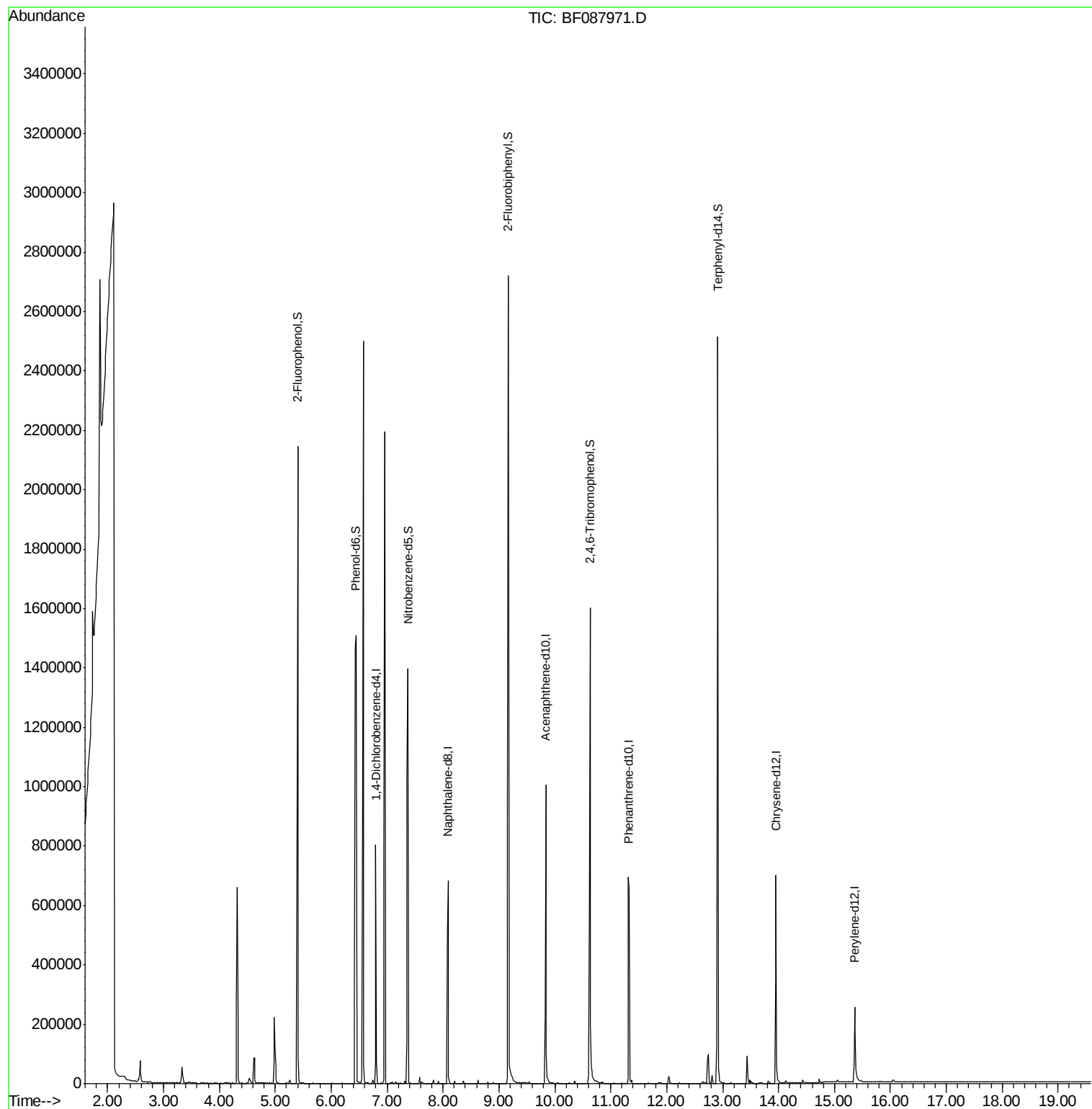
Target Compounds Qvalue

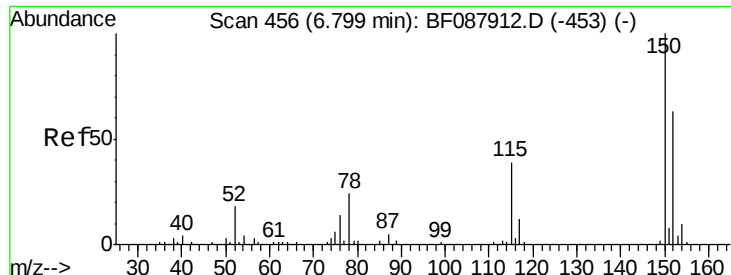
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087971.D

Acq: 13 Jun 2016 2:21

Instrument :

BNA_F

ClientSampleId :

STA-1141-(0-4)

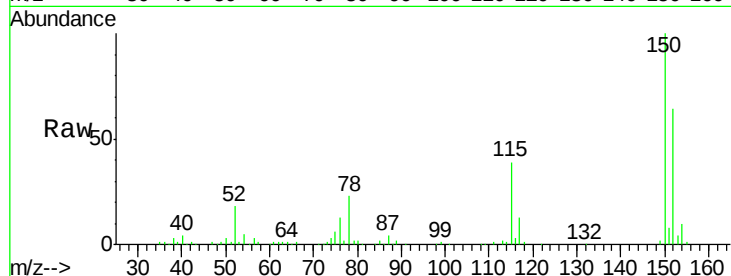
Tot Ion:152 Resp: 112759

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

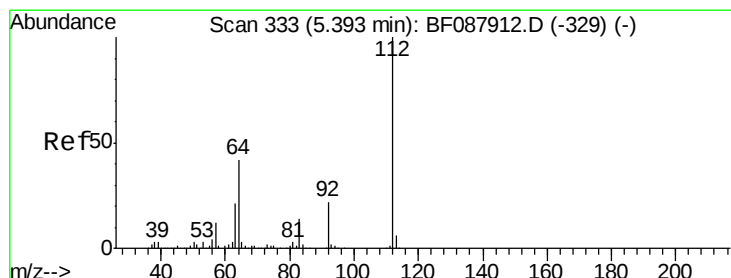
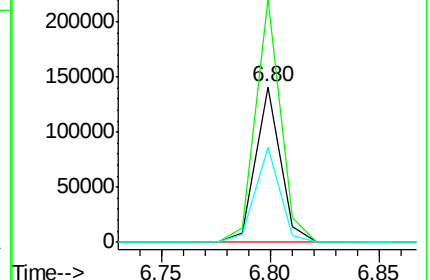
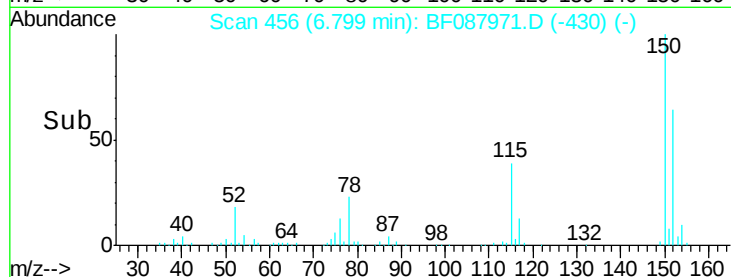
115 60.9 39.6 59.4#



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: 101.45 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087971.D

Acq: 13 Jun 2016 2:21

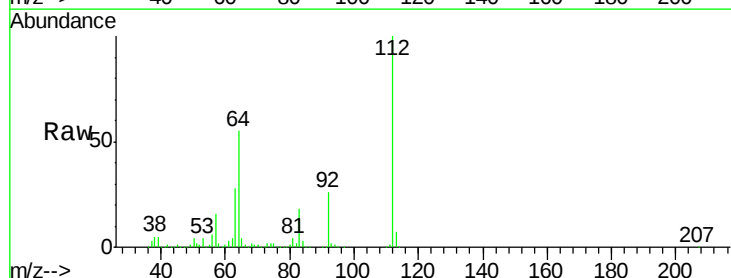
Tgt Ion:112 Resp: 669138

Ion Ratio Lower Upper

112 100

64 54.6 42.2 63.2

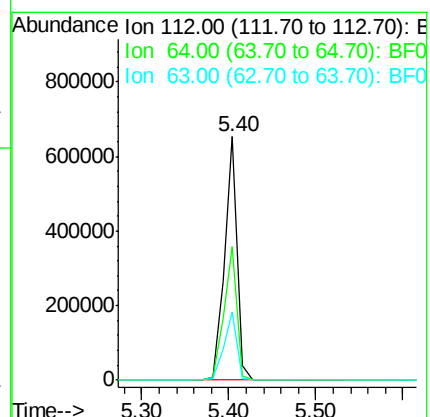
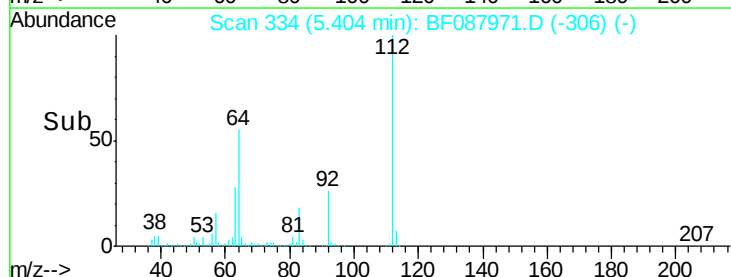
63 28.1 21.8 32.8

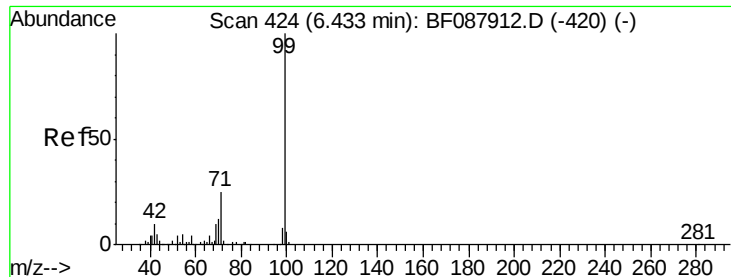


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.52 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087971.D

Acq: 13 Jun 2016 2:21

Instrument :

BNA_F

ClientSampleId :

STA-1141-(0-4)

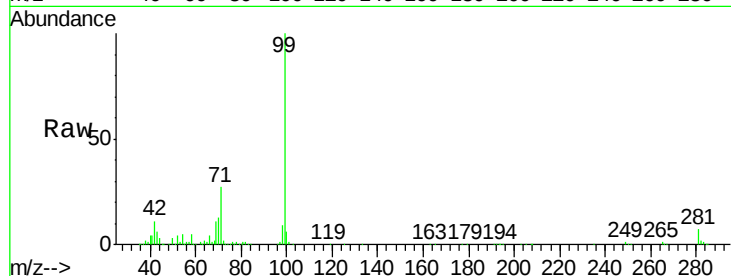
Tot Ion: 99 Resp: 859490

Ion Ratio Lower Upper

99 100

42 11.4 12.2 18.2#

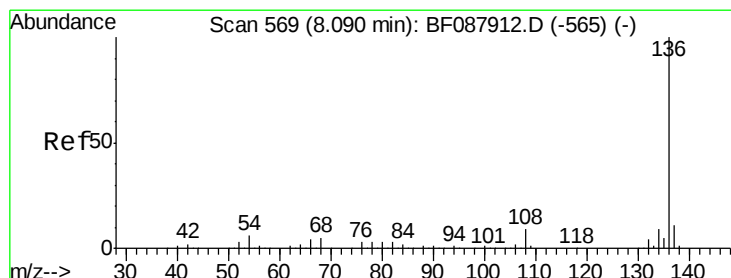
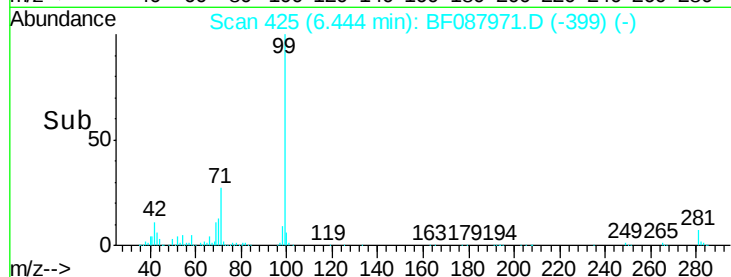
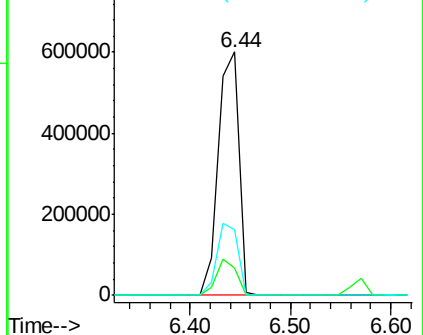
71 26.9 23.4 35.0



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: BF087971.D

Acq: 13 Jun 2016 2:21

Tgt Ion: 136 Resp: 440877

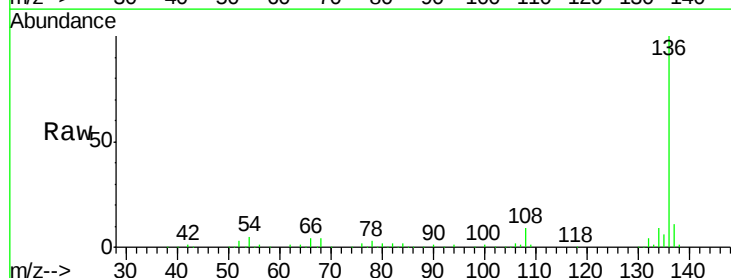
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 6.6 10.0#

68 4.4 5.1 7.7#

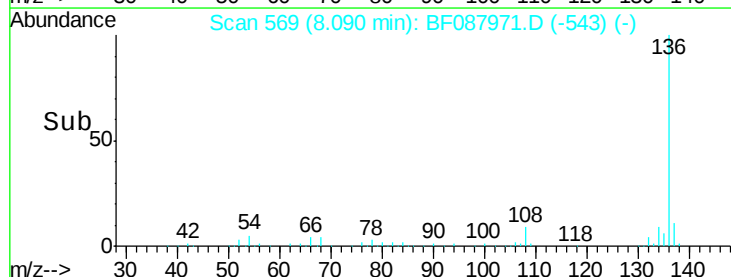
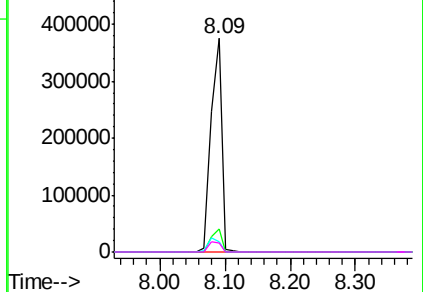


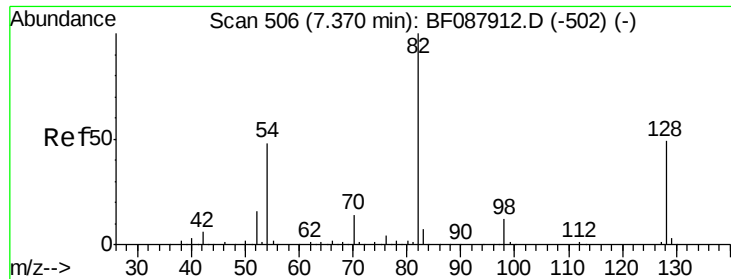
Abundance Ion 136.00 (135.70 to 136.70): E

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

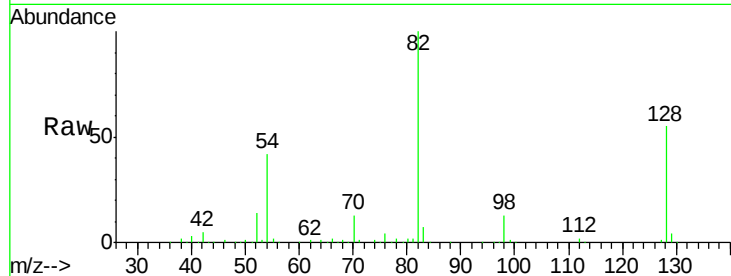




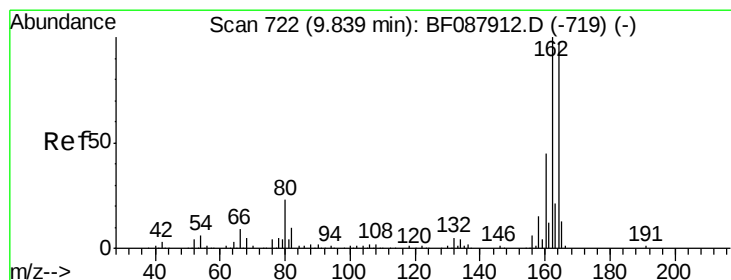
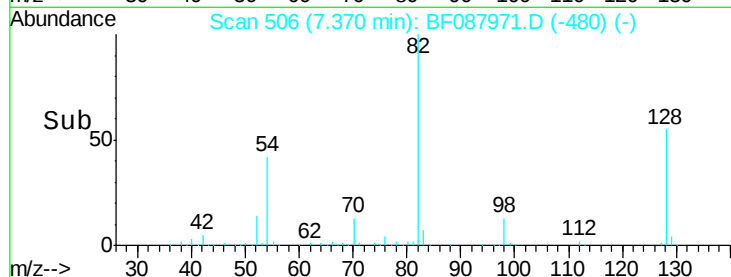
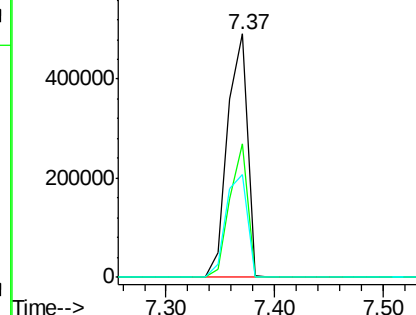
#23
 Nitrobenzene-d5
 Concen: 82.51 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 STA-1141-(0-4)

Tot Ion	82	Resp	622934
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
128	55.1		
54	42.4		

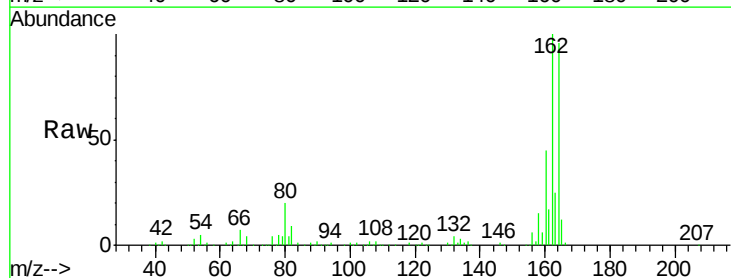


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

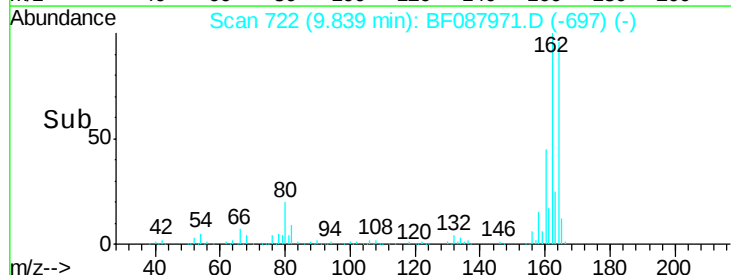
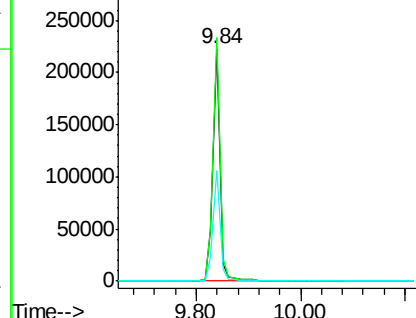


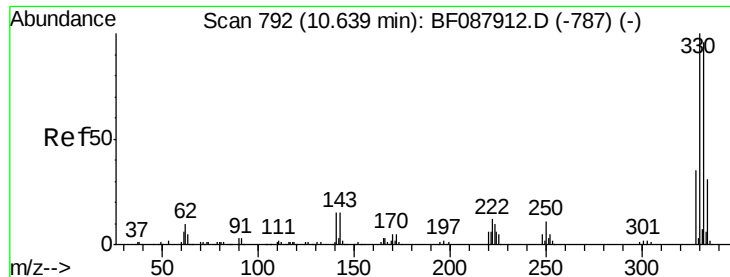
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Tgt Ion	164	Resp	210885
Ion Ratio	100		
Lower	85.4		
Upper	128.2		
162	104.6		
160	47.3		



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

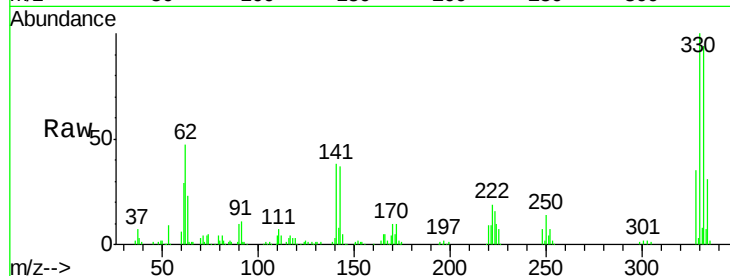




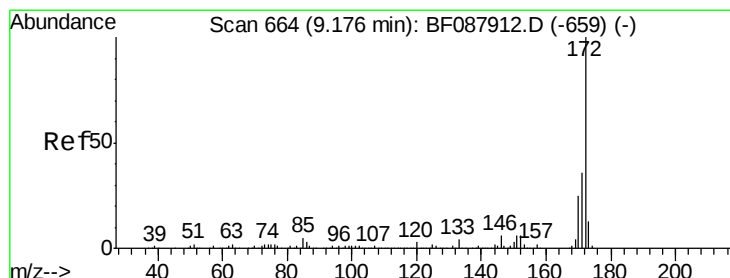
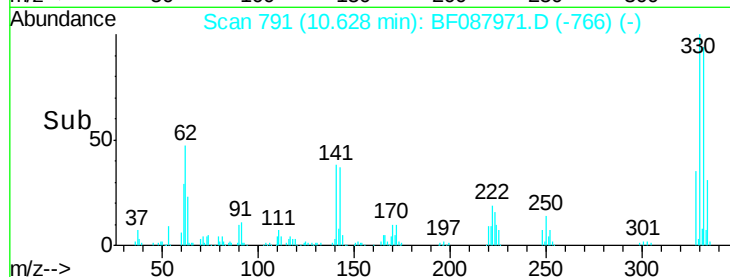
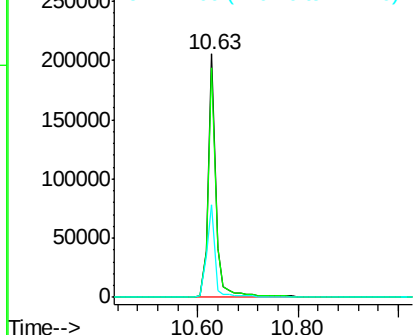
#41
 2,4,6-Tribromophenol
 Concen: 101.09 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 STA-1141-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	41.1	0.0	0.0#

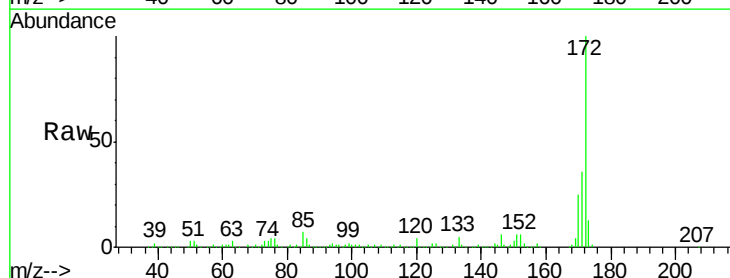


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

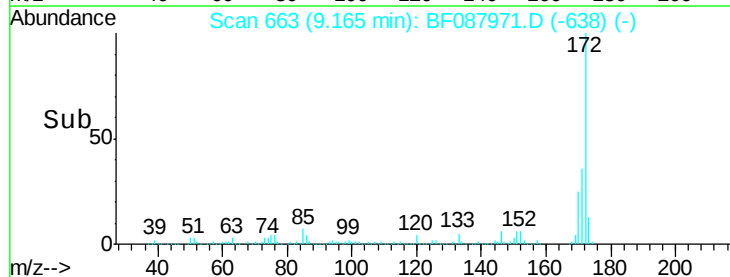
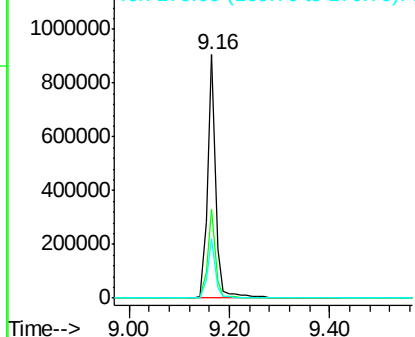


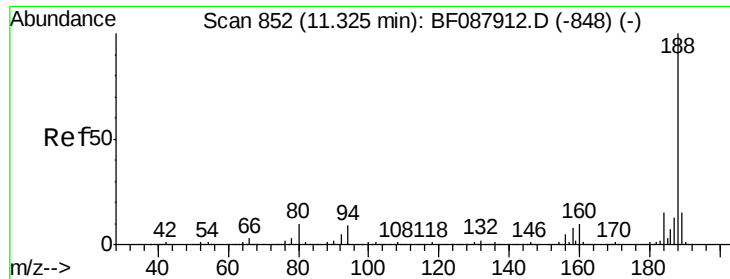
#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	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

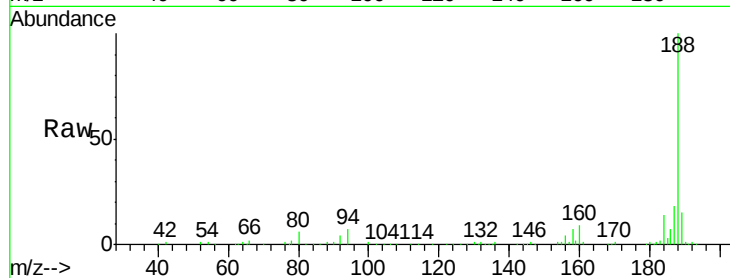




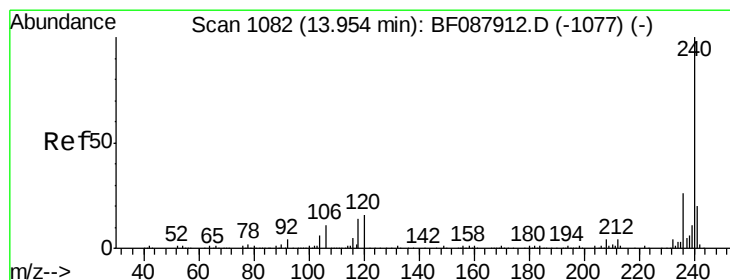
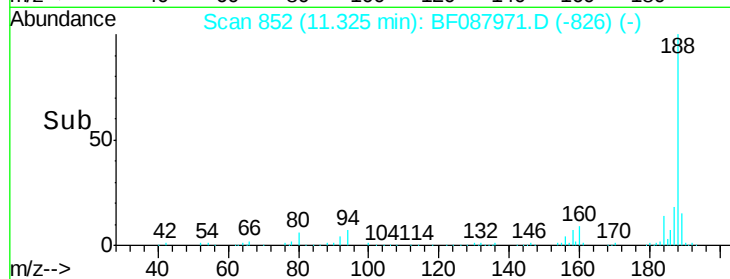
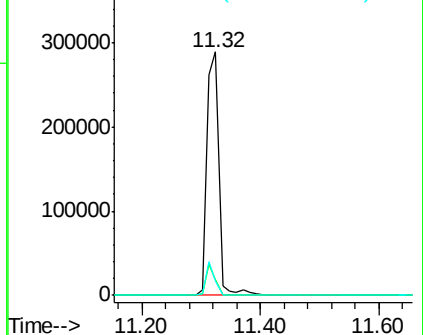
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 STA-1141-(0-4)

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.6#
80	6.2	10.0	15.0#

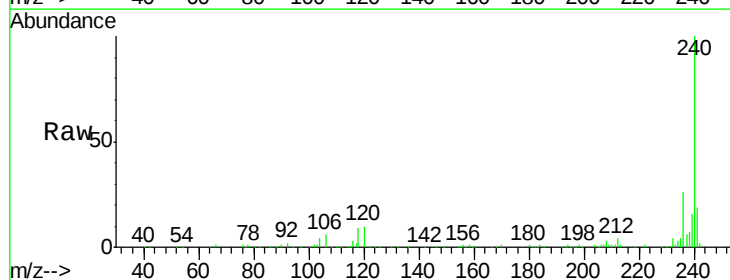


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

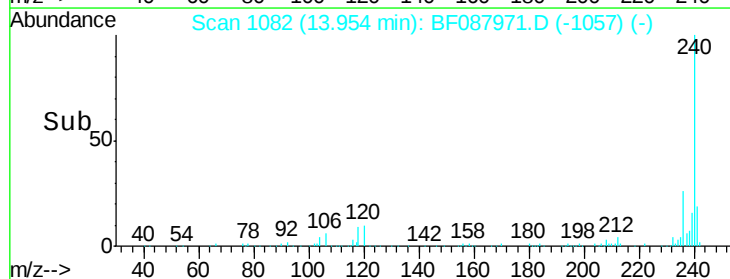
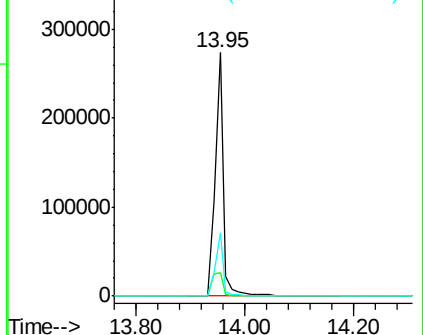


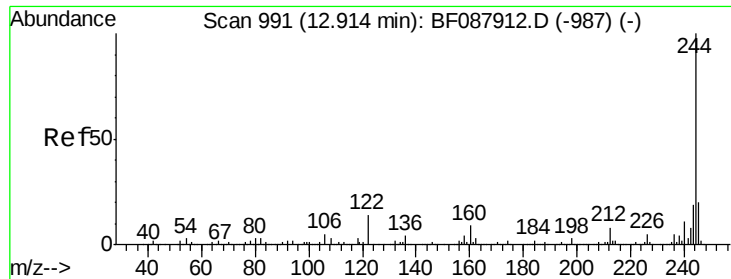
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	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

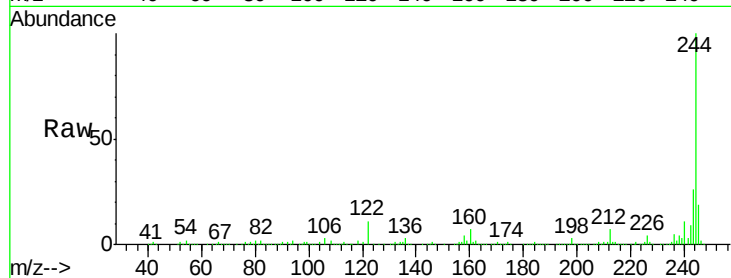




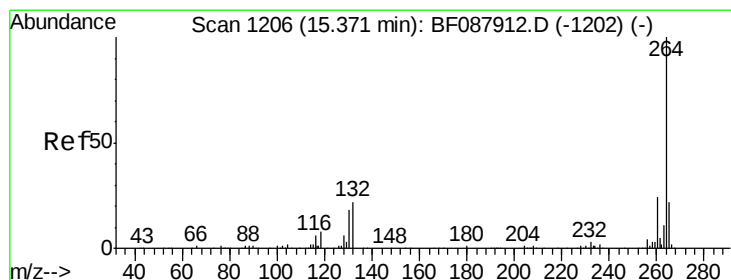
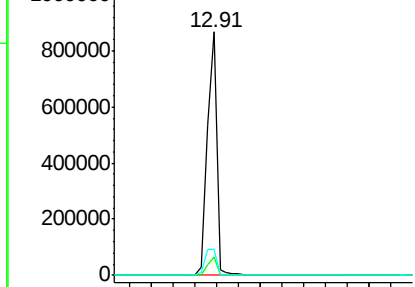
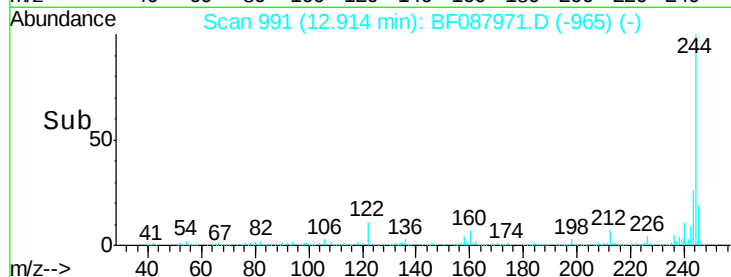
#78
 Terphenyl-d14
 Concen: 78.54 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 STA-1141-(0-4)

Tot Ion:244 Resp: 1021904
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.7 11.2 16.8#

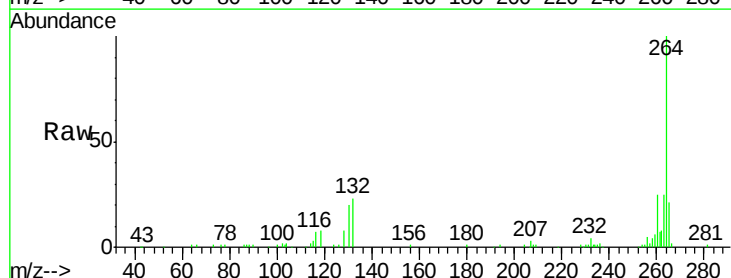


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF087971.D
 Acq: 13 Jun 2016 2:21

Tgt Ion:264 Resp: 134798
 Ion Ratio Lower Upper
 264 100
 260 24.7 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

