

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088227.D
 Acq On : 21 Jun 2016 22:11
 Operator : UM/SJ
 Sample : PB91471BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BL

Quant Time: Jun 22 01:16:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:07:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	87948	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	336458	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	155058	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	308391	20.00	ng	0.00
75) Chrysene-d12	13.79	240	247617	20.00	ng	0.00
86) Perylene-d12	15.17	264	186717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	640997	124.60	ng	0.01
7) Phenol-d6	6.31	99	715825	114.81	ng	0.00
23) Nitrobenzene-d5	7.22	82	457236	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	198555	121.27	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	866904	88.02	ng	0.00
78) Terphenyl-d14	12.75	244	854584	78.53	ng	0.00

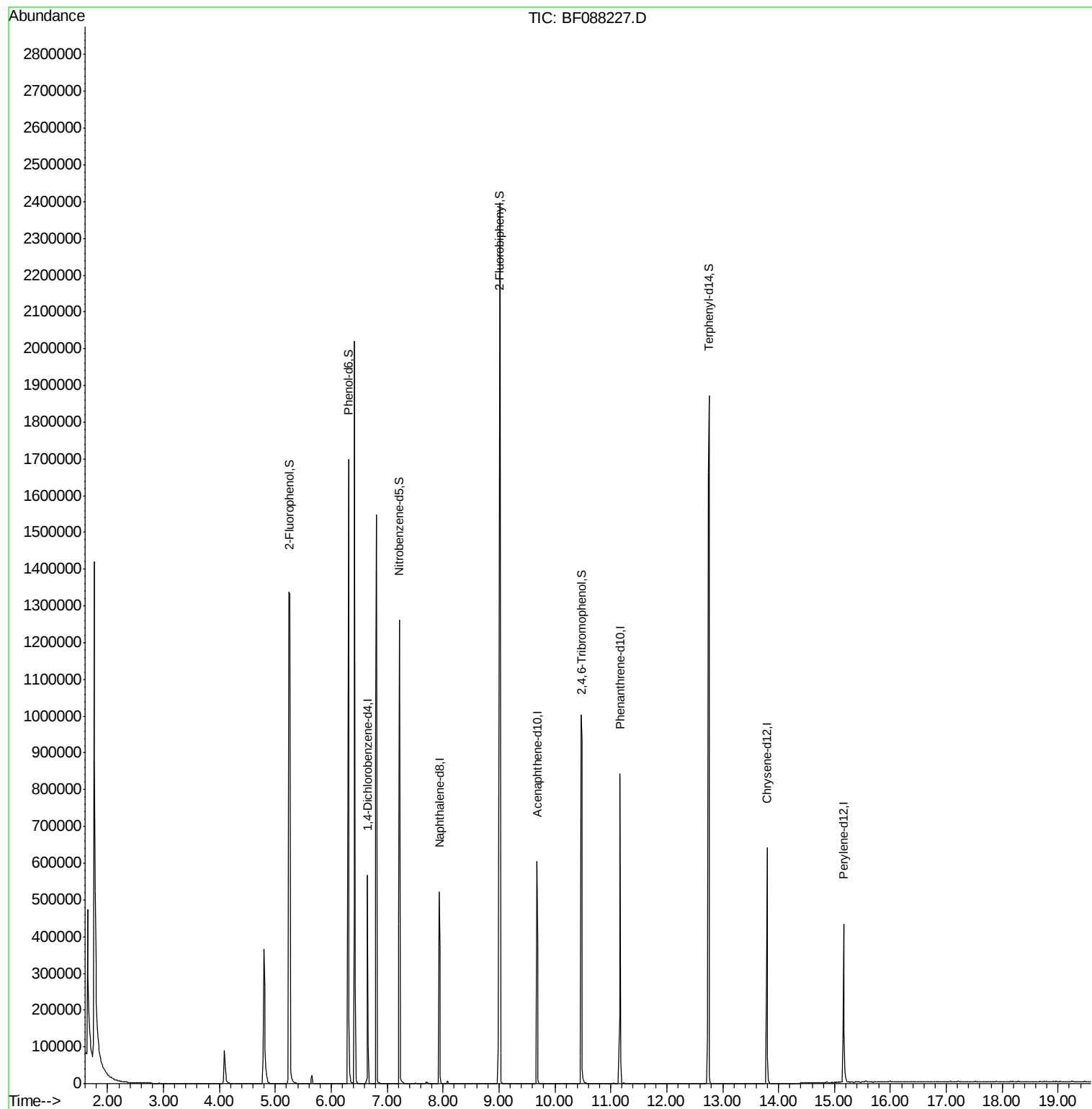
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF088227.D

Acq: 21 Jun 2016 22:11

Instrument :

BNA_F

ClientSampleId :

PB91471BL

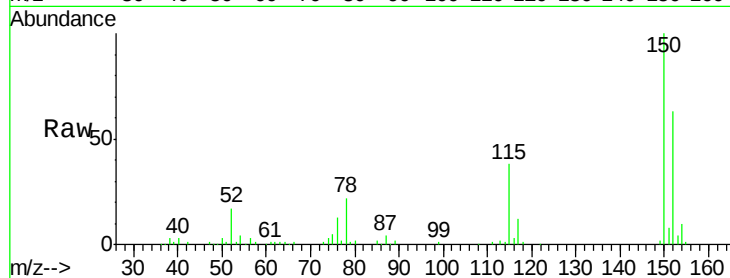
Tot Ion:152 Resp: 87948

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

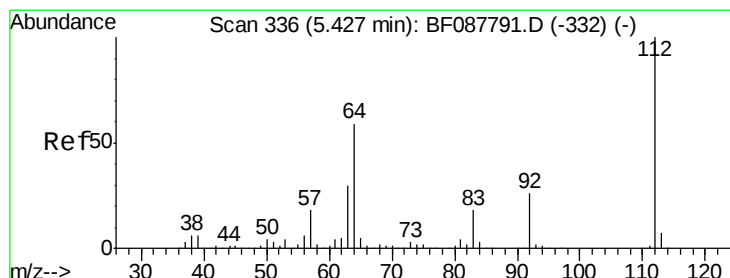
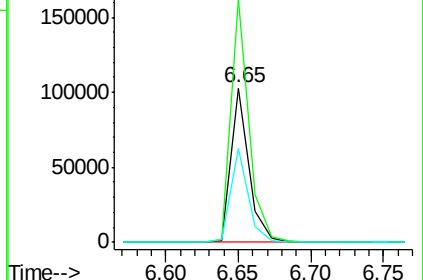
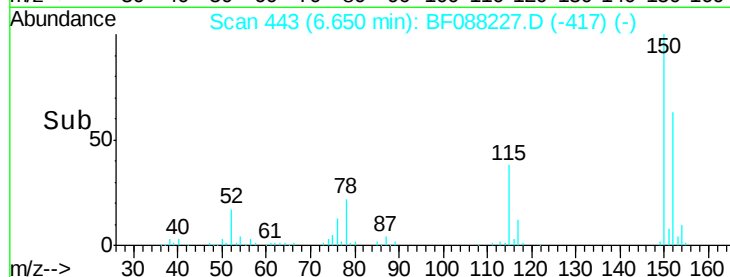
115 60.5 39.6 59.4#



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: 124.60 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088227.D

Acq: 21 Jun 2016 22:11

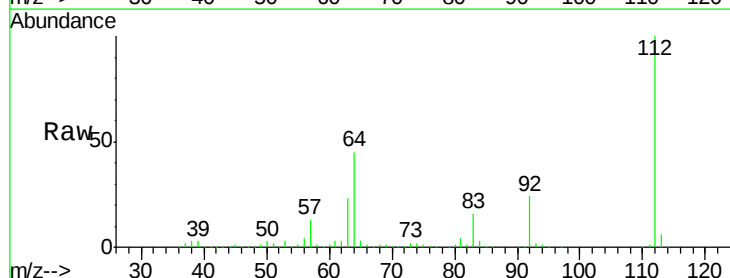
Tgt Ion:112 Resp: 640997

Ion Ratio Lower Upper

112 100

64 45.2 42.2 63.2

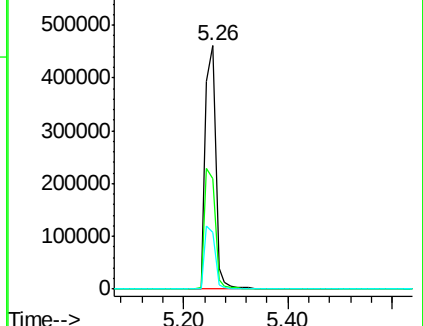
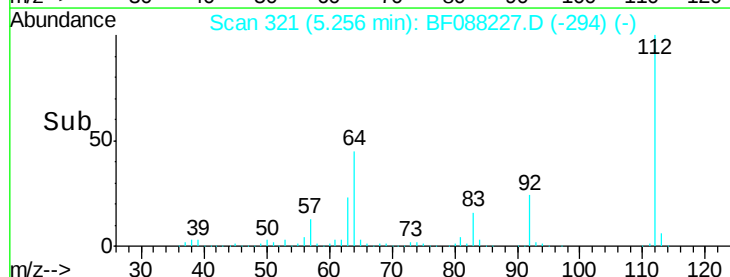
63 23.1 21.8 32.8

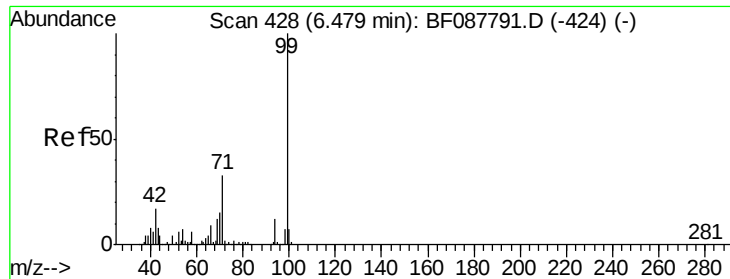


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.81 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF088227.D

Acq: 21 Jun 2016 22:11

Instrument :

BNA_F

ClientSampled :

PB91471BL

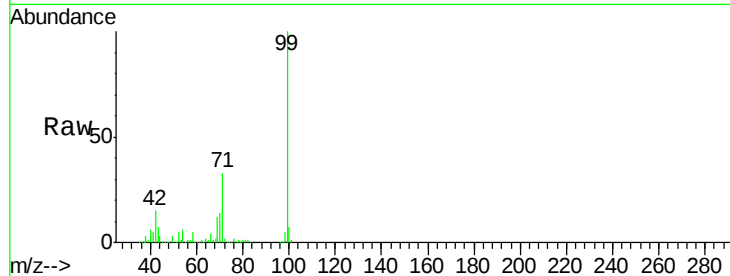
Tot Ion: 99 Resp: 715825

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

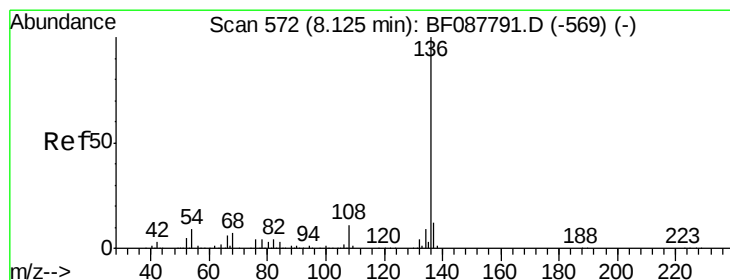
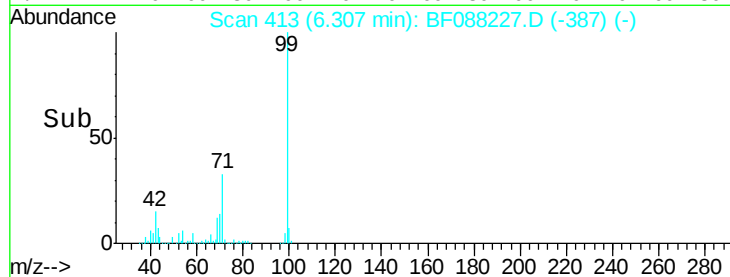
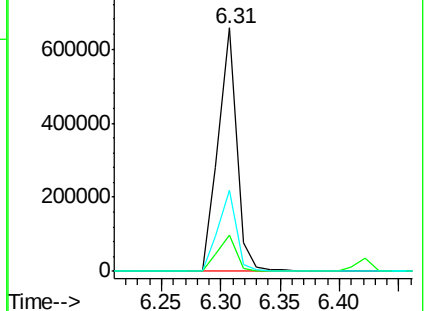
71 33.4 23.4 35.0



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: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF088227.D

Acq: 21 Jun 2016 22:11

Tgt Ion: 136 Resp: 336458

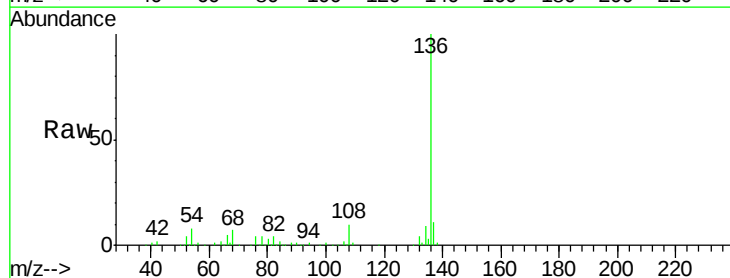
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 6.8 5.1 7.7

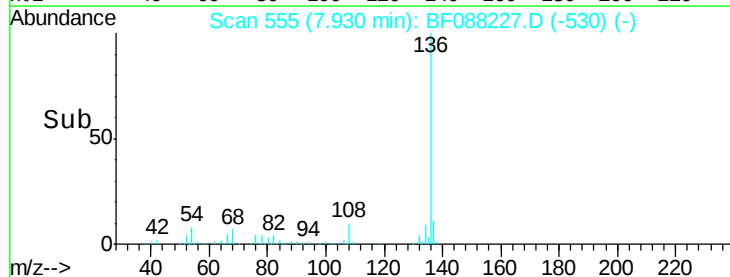
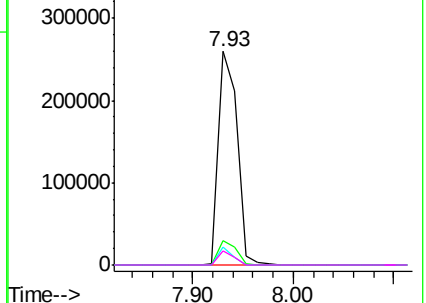


Abundance Ion 136.00 (135.70 to 136.70): E

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

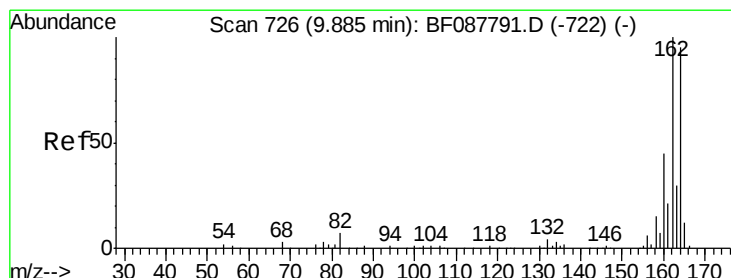
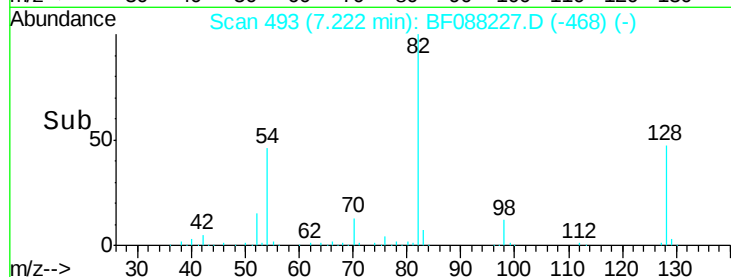
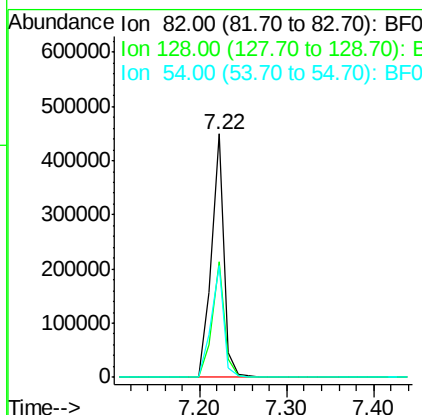
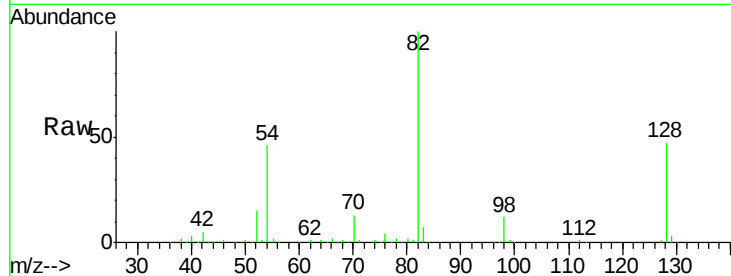




#23
 Nitrobenzene-d5
 Concen: 79.36 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

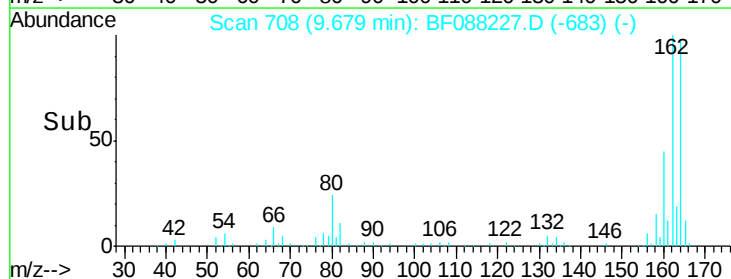
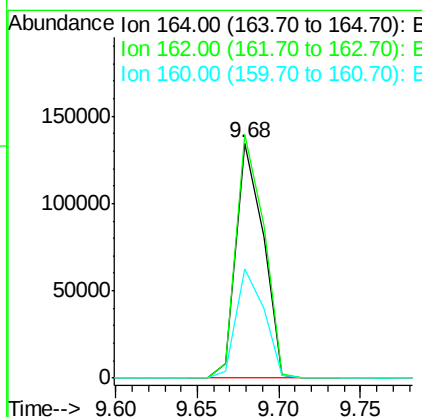
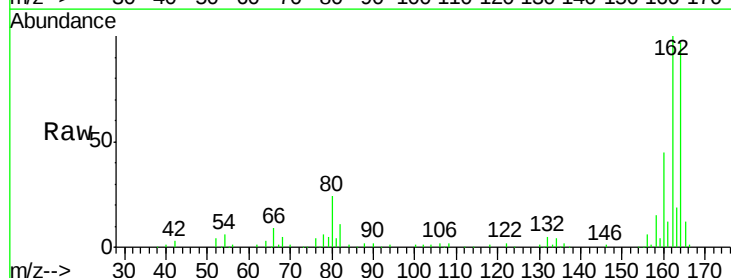
Instrument :
 BNA_F
 ClientSampleId :
 PB91471BL

Tot Ion	82	Resp	457236
Ion Ratio	100	Lower	Upper
128	47.2	35.9	53.9
54	45.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

Tgt Ion	164	Resp	155058
Ion Ratio	100	Lower	Upper
162	103.6	85.4	128.2
160	46.5	39.5	59.3

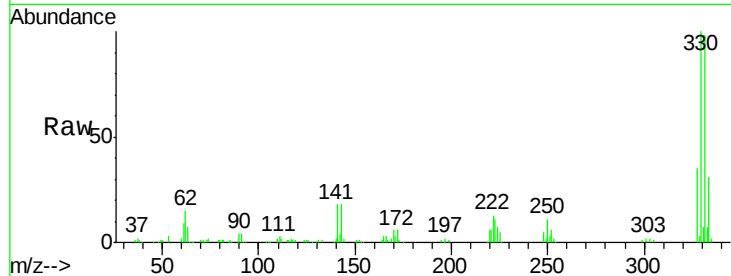




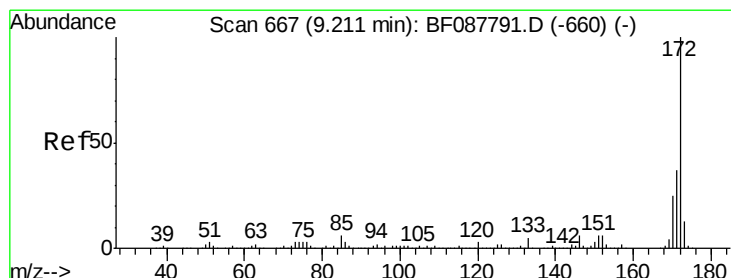
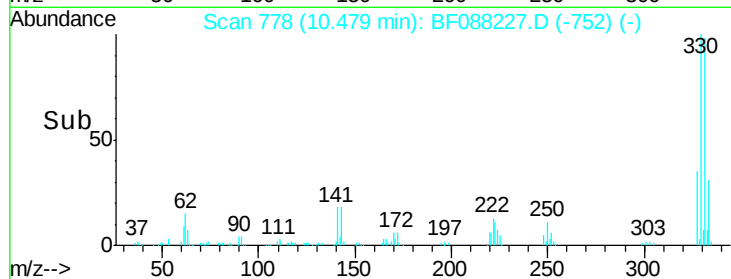
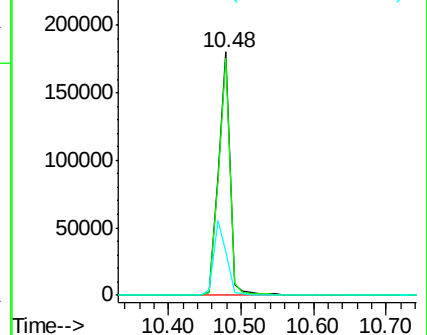
#41
 2,4,6-Tribromophenol
 Concen: 121.27 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	33.4	0.0	0.0#

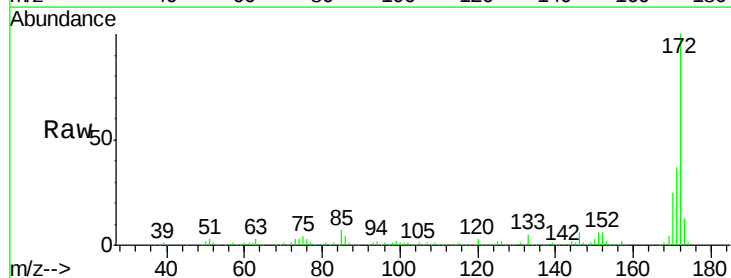


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

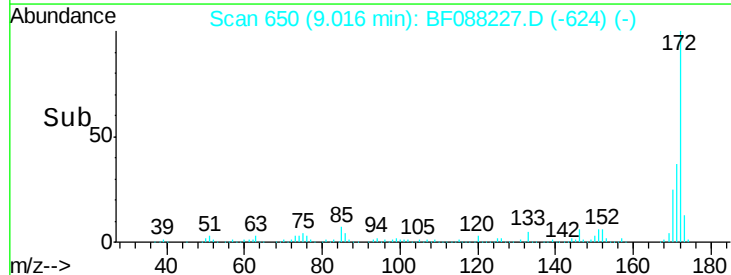
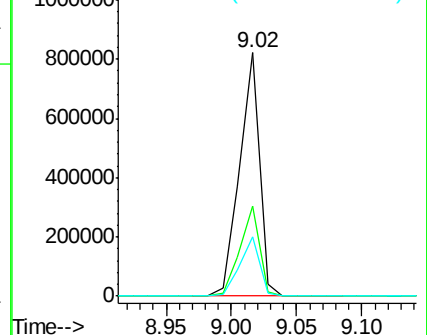


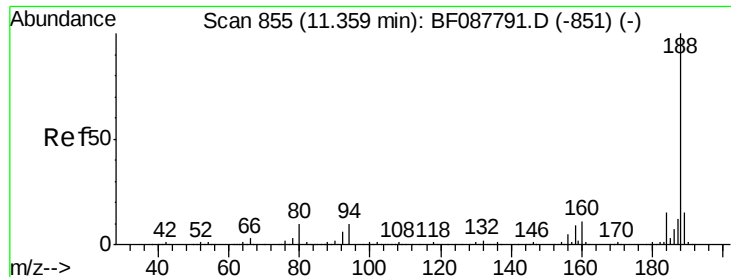
#44
 2-Fluorobiphenyl
 Concen: 88.02 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.6	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

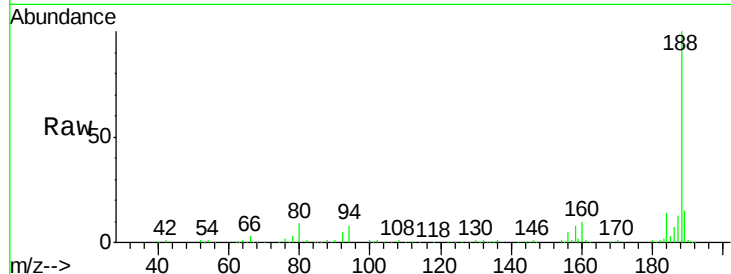




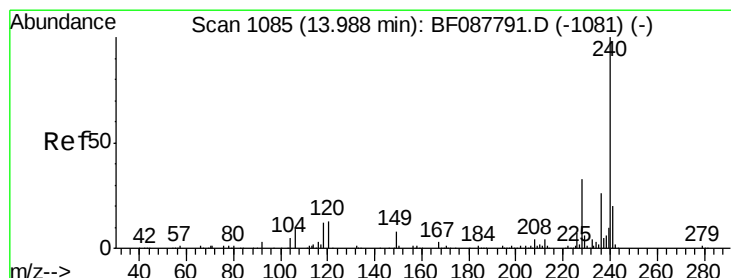
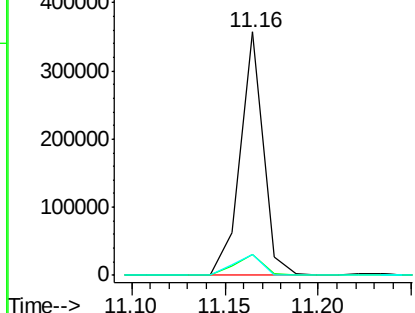
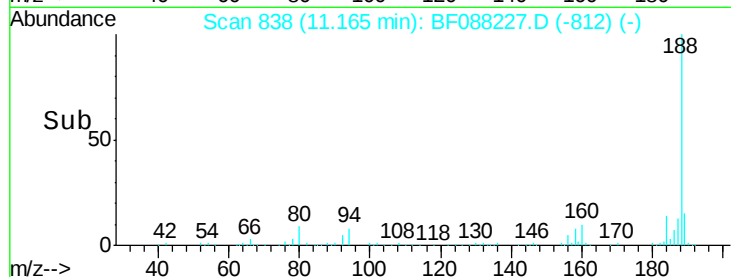
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF088227.D
Acq: 21 Jun 2016 22:11

Instrument :
BNA_F
ClientSampleId :
PB91471BL

Tot Ion	188	Ratio	Lower	Upper
188	100			
94	8.3	9.0	13.6#	
80	8.8	10.0	15.0#	

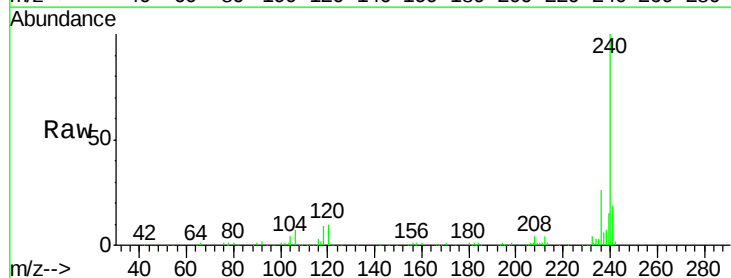


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

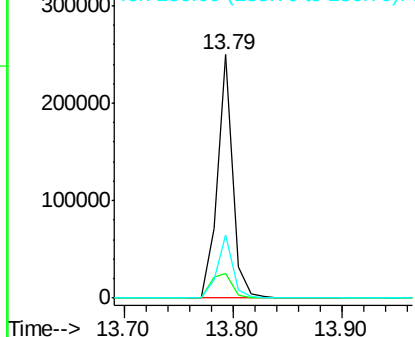
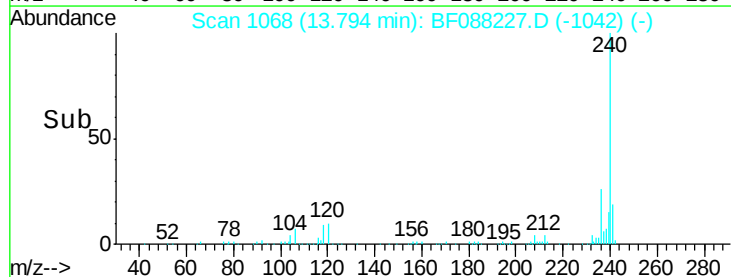


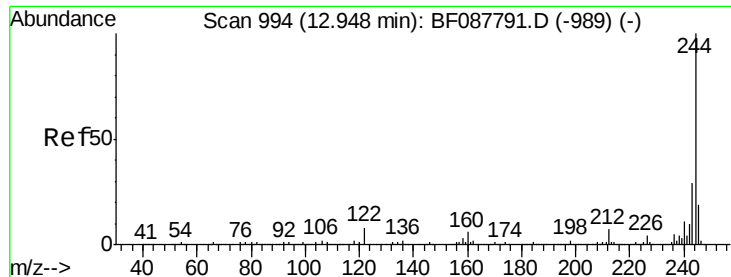
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088227.D
Acq: 21 Jun 2016 22:11

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	10.4	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

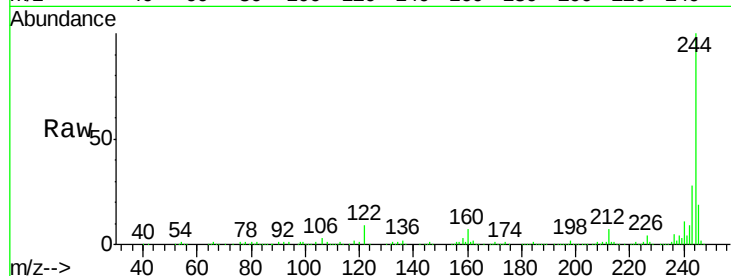




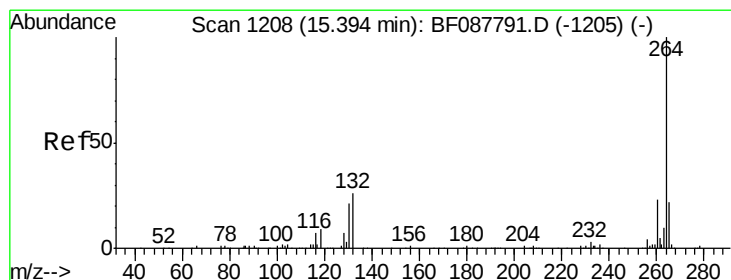
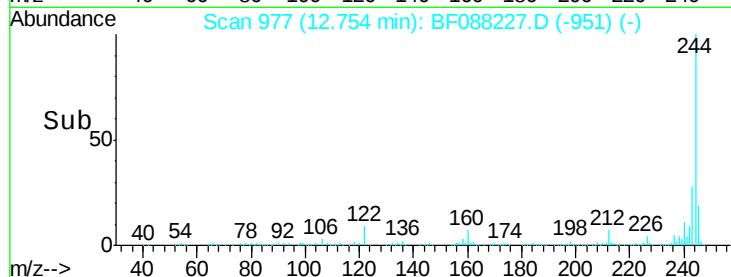
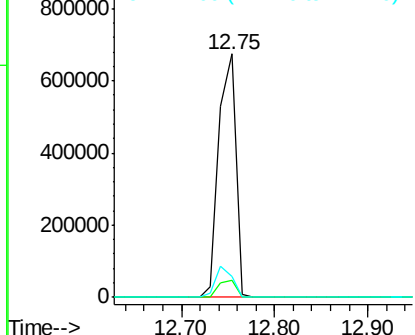
#78
 Terphenyl-d14
 Concen: 78.53 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BL

Tot Ion:244 Resp: 854584
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.7 11.2 16.8#

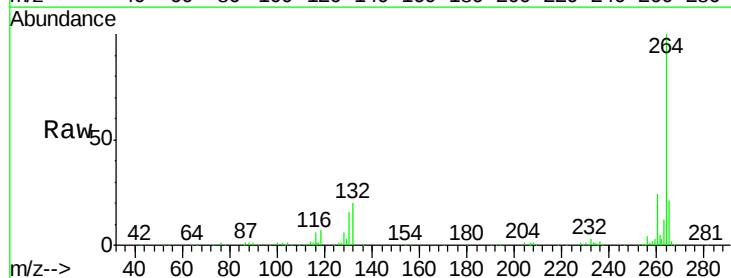


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF088227.D
 Acq: 21 Jun 2016 22:11

Tgt Ion:264 Resp: 186717
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

