

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088229.D
 Acq On : 21 Jun 2016 23:10
 Operator : UM/SJ
 Sample : PB91486BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BL

Quant Time: Jun 22 01:20:15 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	87987	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	338611	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	157971	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	303281	20.00	ng	0.00
75) Chrysene-d12	13.79	240	258436	20.00	ng	0.00
86) Perylene-d12	15.17	264	194247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	563456	109.48	ng	0.00
7) Phenol-d6	6.31	99	709412	113.73	ng	0.00
23) Nitrobenzene-d5	7.22	82	457289	78.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	183383	109.94	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	871313	86.76	ng	0.00
78) Terphenyl-d14	12.74	244	797986	70.26	ng	-0.01

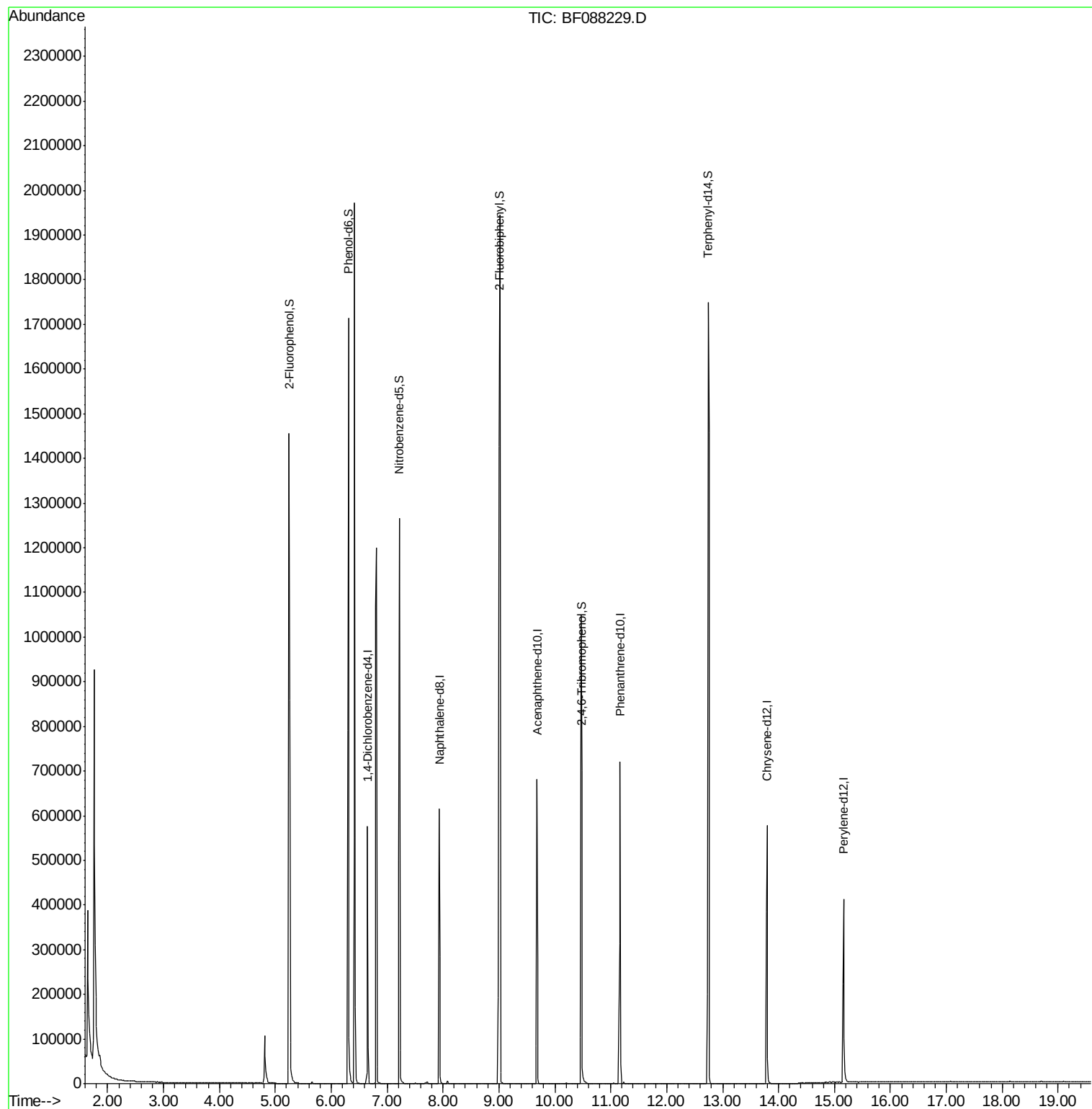
Target Compounds Qvalue

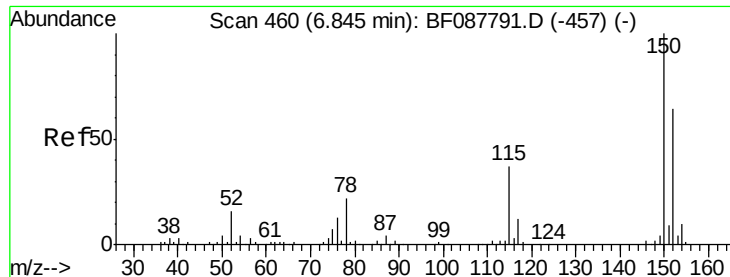
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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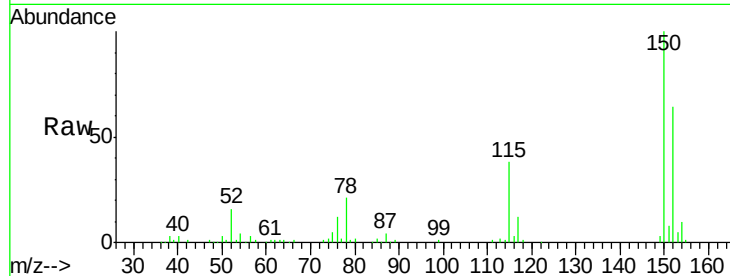


#1

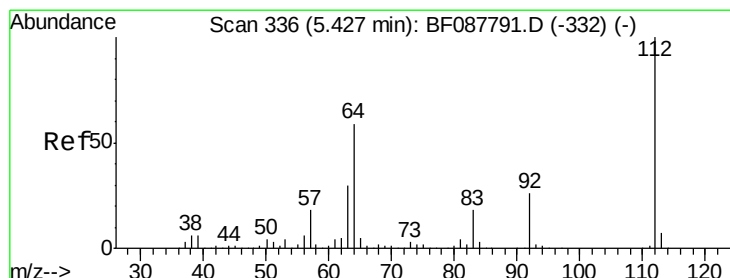
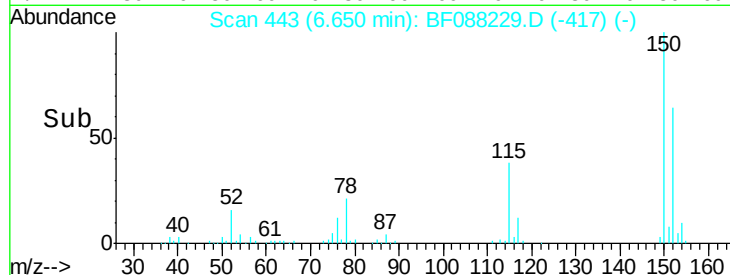
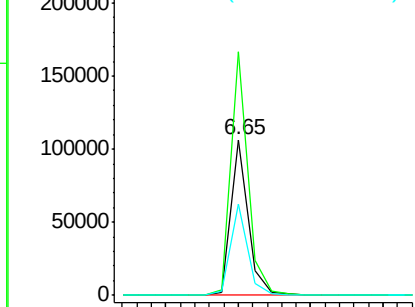
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF088229.D
Acq: 21 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91486BL

Tot Ion:152 Resp: 87987
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 58.8 39.6 59.4



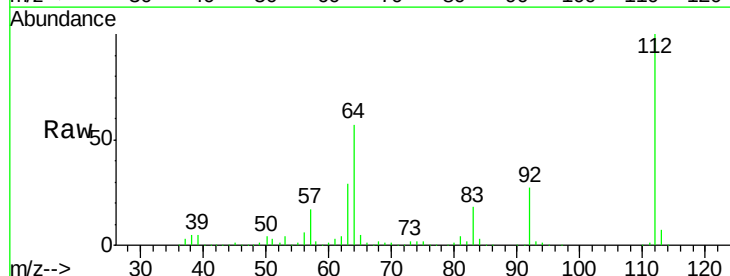
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



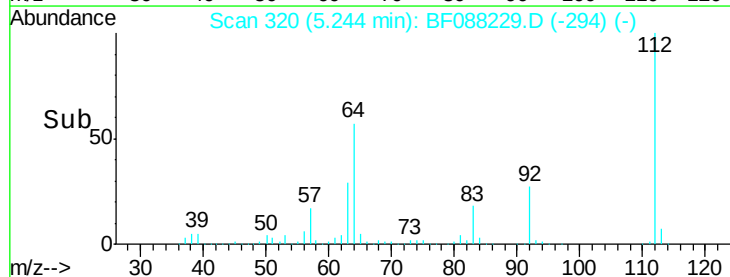
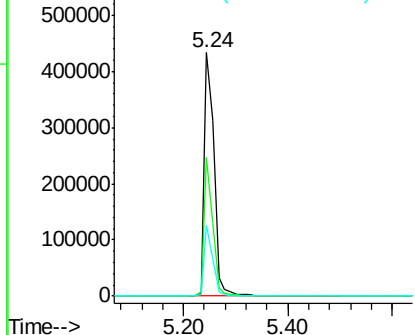
#5

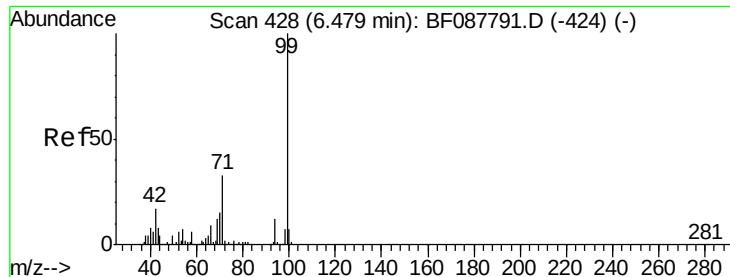
2-Fluorophenol
Concen: 109.48 ng
RT: 5.24 min Scan# 320
Delta R.T. 0.00 min
Lab File: BF088229.D
Acq: 21 Jun 2016 23:10

Tgt Ion:112 Resp: 563456
Ion Ratio Lower Upper
112 100
64 56.9 42.2 63.2
63 29.1 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: 113.73 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088229.D

Acq: 21 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

PB91486BL

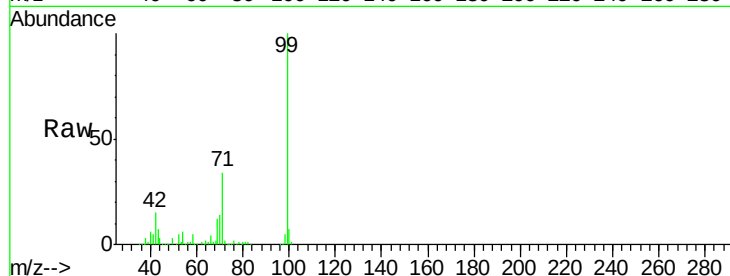
Tot Ion: 99 Resp: 709412

Ion Ratio Lower Upper

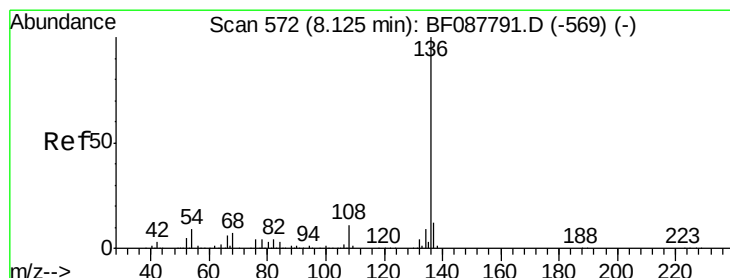
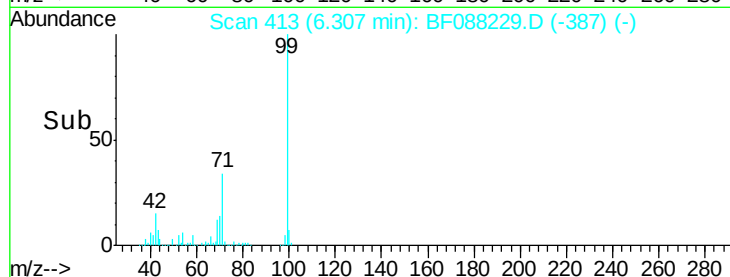
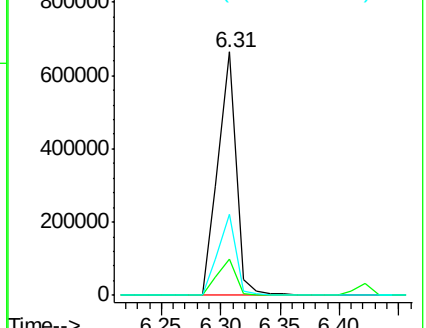
99 100

42 14.8 12.2 18.2

71 33.5 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: BF088229.D

Acq: 21 Jun 2016 23:10

Tgt Ion: 136 Resp: 338611

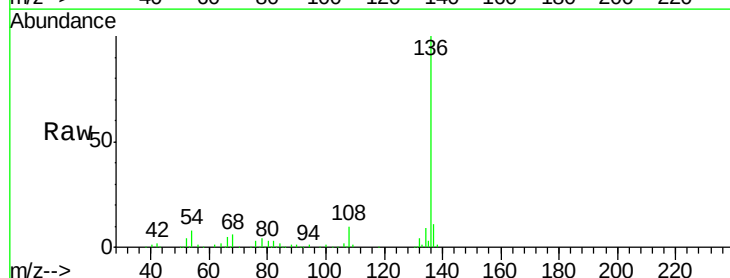
Ion Ratio Lower Upper

136 100

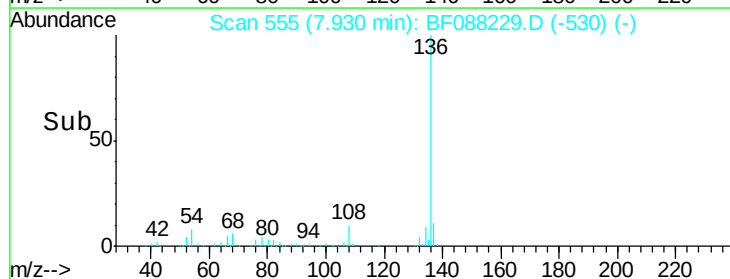
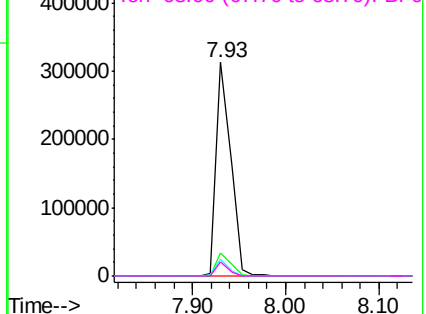
137 10.9 9.1 13.7

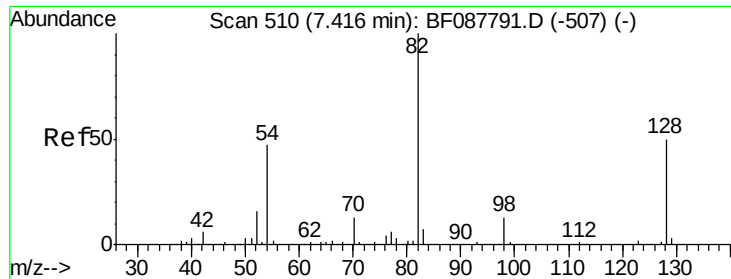
54 7.9 6.6 10.0

68 6.5 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

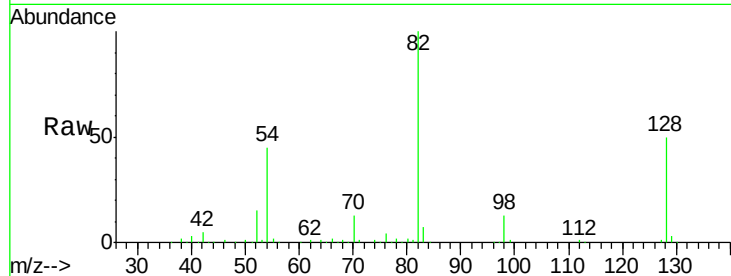




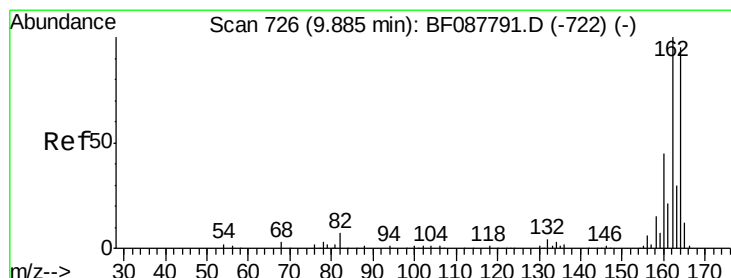
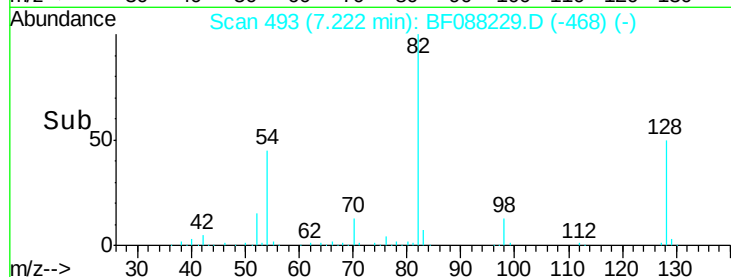
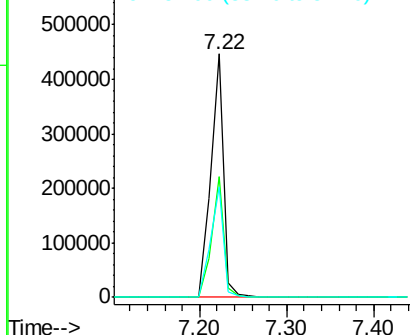
#23
 Nitrobenzene-d5
 Concen: 78.86 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BL

Tot Ion	82	Resp	457289
Ion Ratio	Lower	Upper	
82	100		
128	49.8	35.9	53.9
54	45.2	40.9	61.3

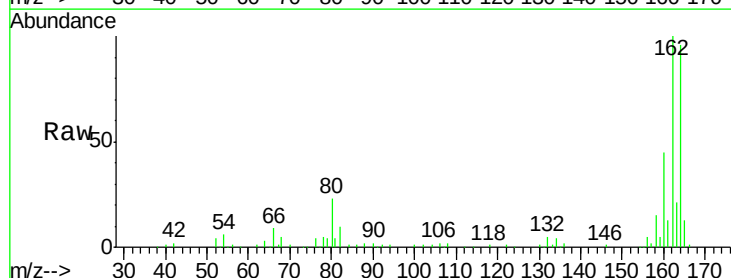


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

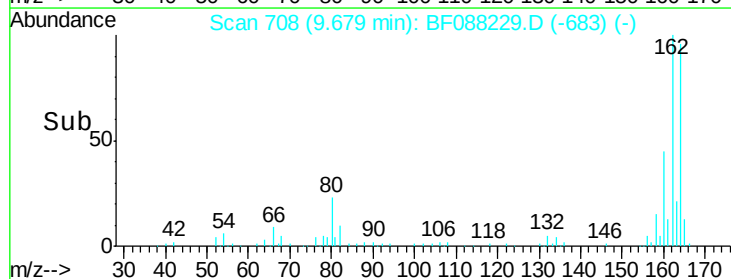
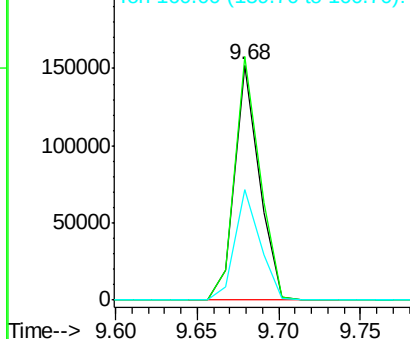


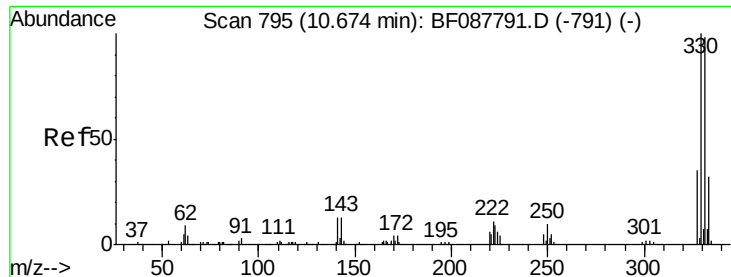
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Tgt Ion	164	Resp	157971
Ion Ratio	Lower	Upper	
164	100		
162	103.7	85.4	128.2
160	47.0	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

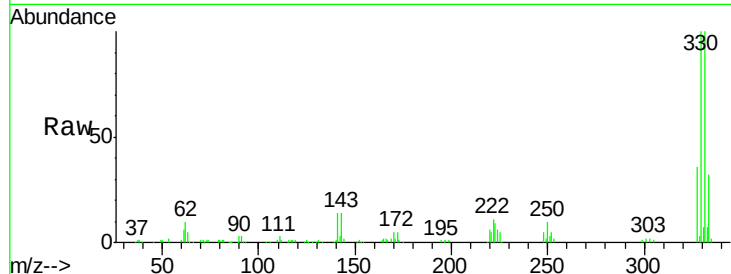




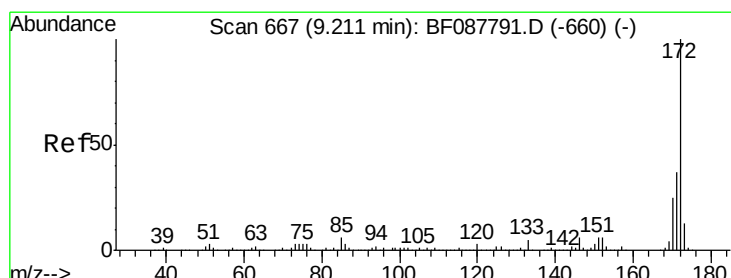
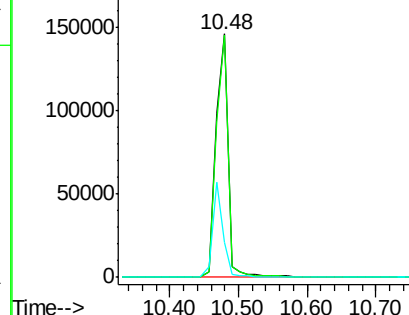
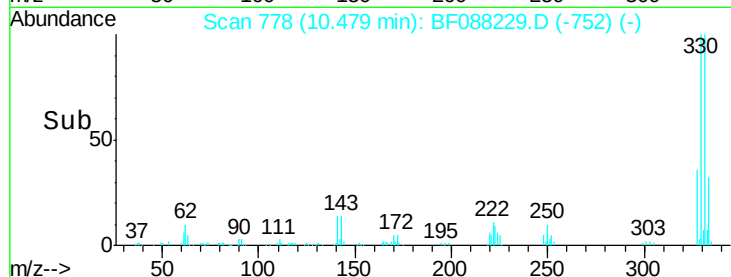
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	33.4	0.0	0.0#

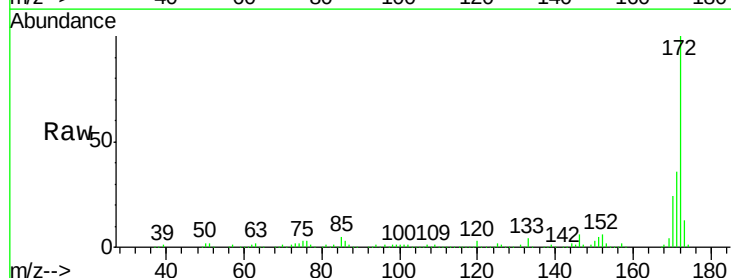


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

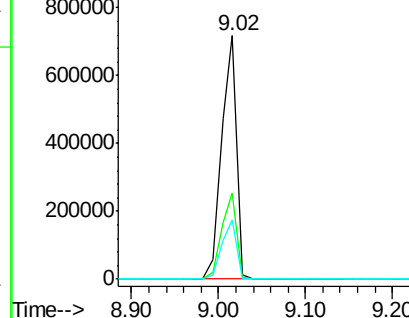
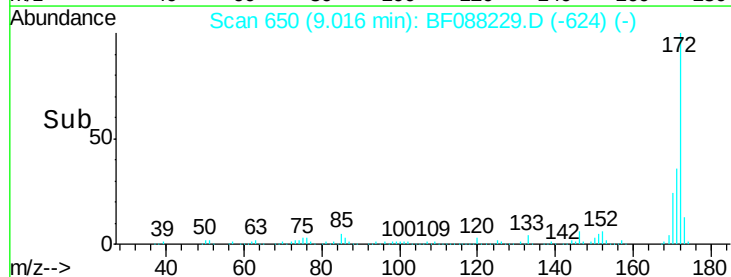


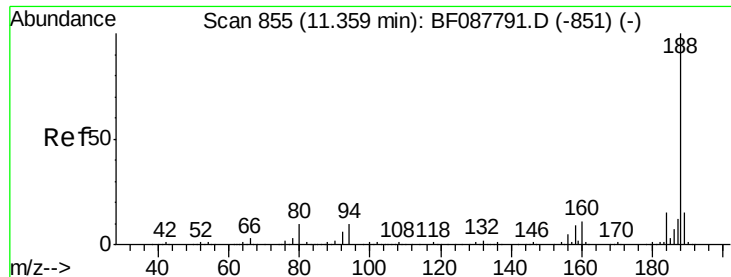
#44
 2-Fluorobiphenyl
 Concen: 86.76 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.1	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

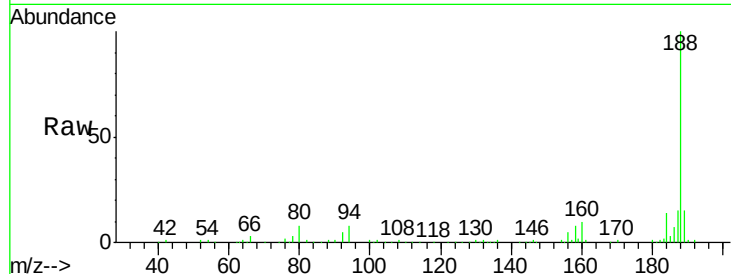




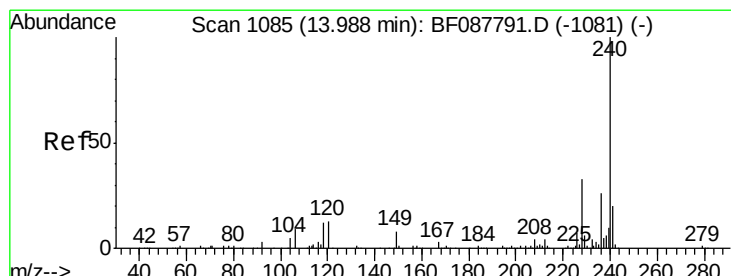
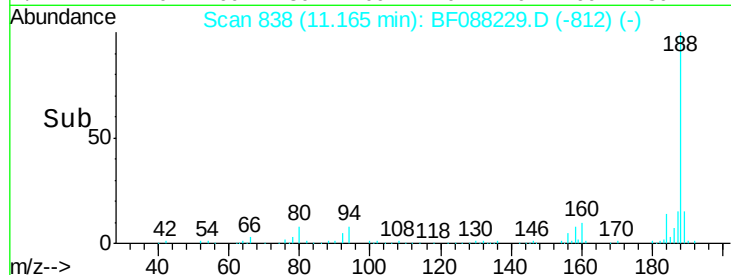
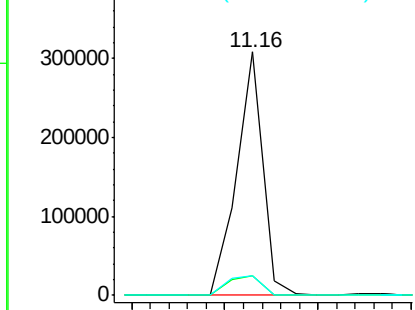
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF088229.D
Acq: 21 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
PB91486BL

Tot Ion:188 Resp: 303281
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.6#
80 8.1 10.0 15.0#

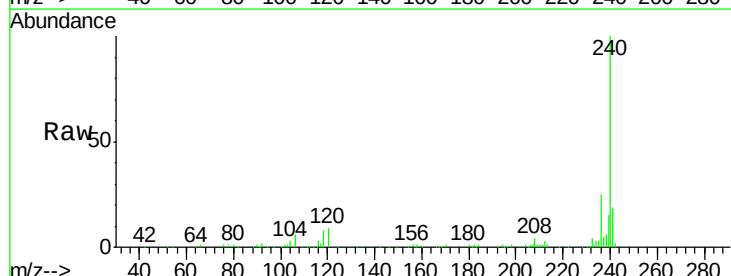


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

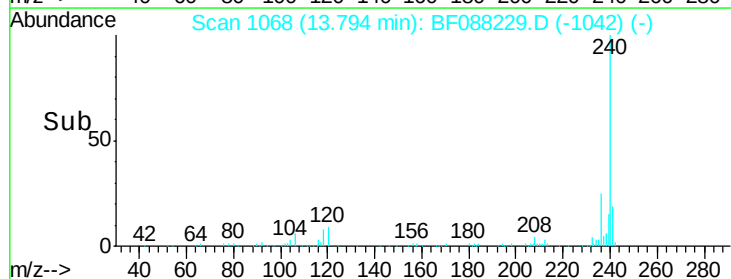
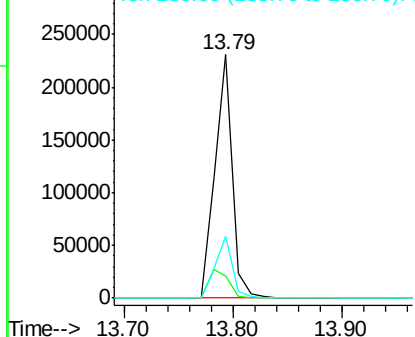


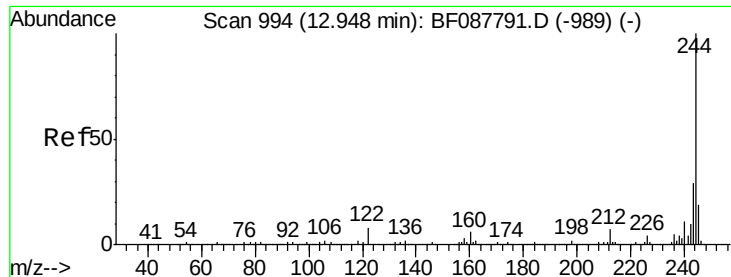
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088229.D
Acq: 21 Jun 2016 23:10

Tgt Ion:240 Resp: 258436
Ion Ratio Lower Upper
240 100
120 9.1 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

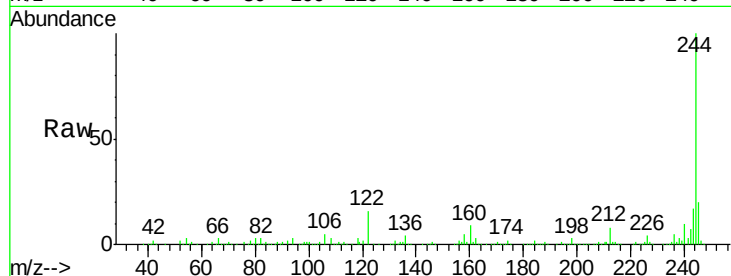




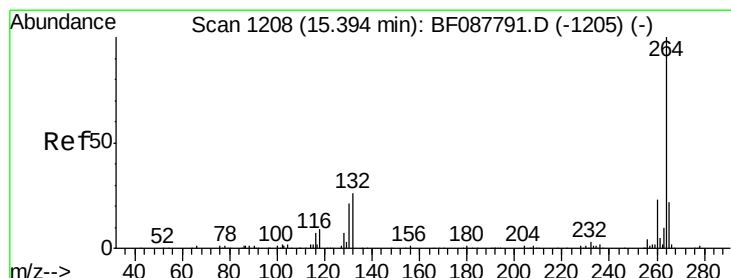
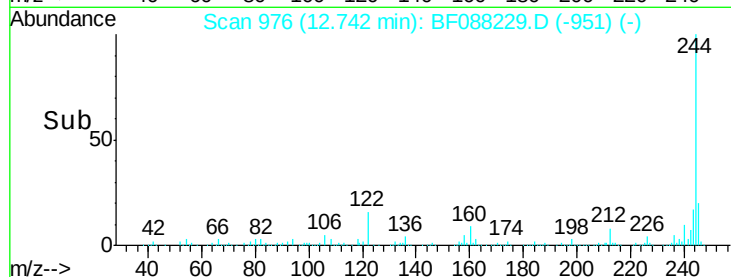
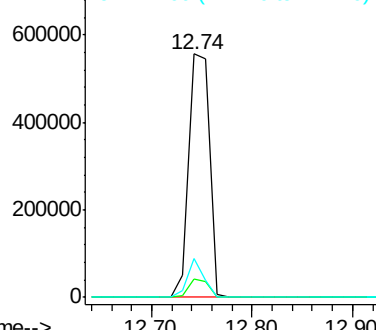
#78
 Terphenyl-d14
 Concen: 70.26 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BL

Tot Ion:244 Resp: 797986
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 16.0 11.2 16.8

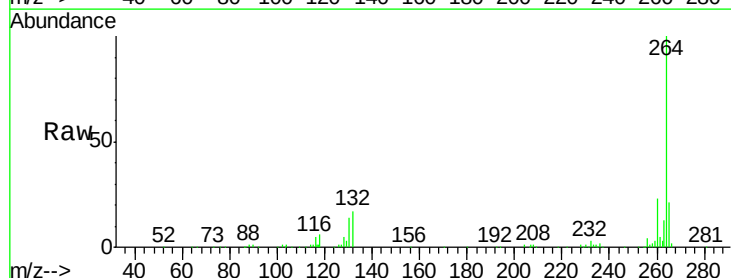


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF088229.D
 Acq: 21 Jun 2016 23:10

Tgt Ion:264 Resp: 194247
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.4 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

