

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087796.D
 Acq On : 7 Jun 2016 18:54
 Operator : UM/SJ
 Sample : PB91075BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BL

Quant Time: Jun 08 04:05:46 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	6.84	152	92207	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	396593	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	188511	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	351167	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	296658	20.00	ng	-0.01
86) Perylene-d12	15.39	264	221748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	523836	97.12	ng	0.01
7) Phenol-d6	6.47	99	650603	99.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	463656	68.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	212579	106.80	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	825895	67.70	ng	-0.01
78) Terphenyl-d14	12.94	244	785065	60.22	ng	-0.01

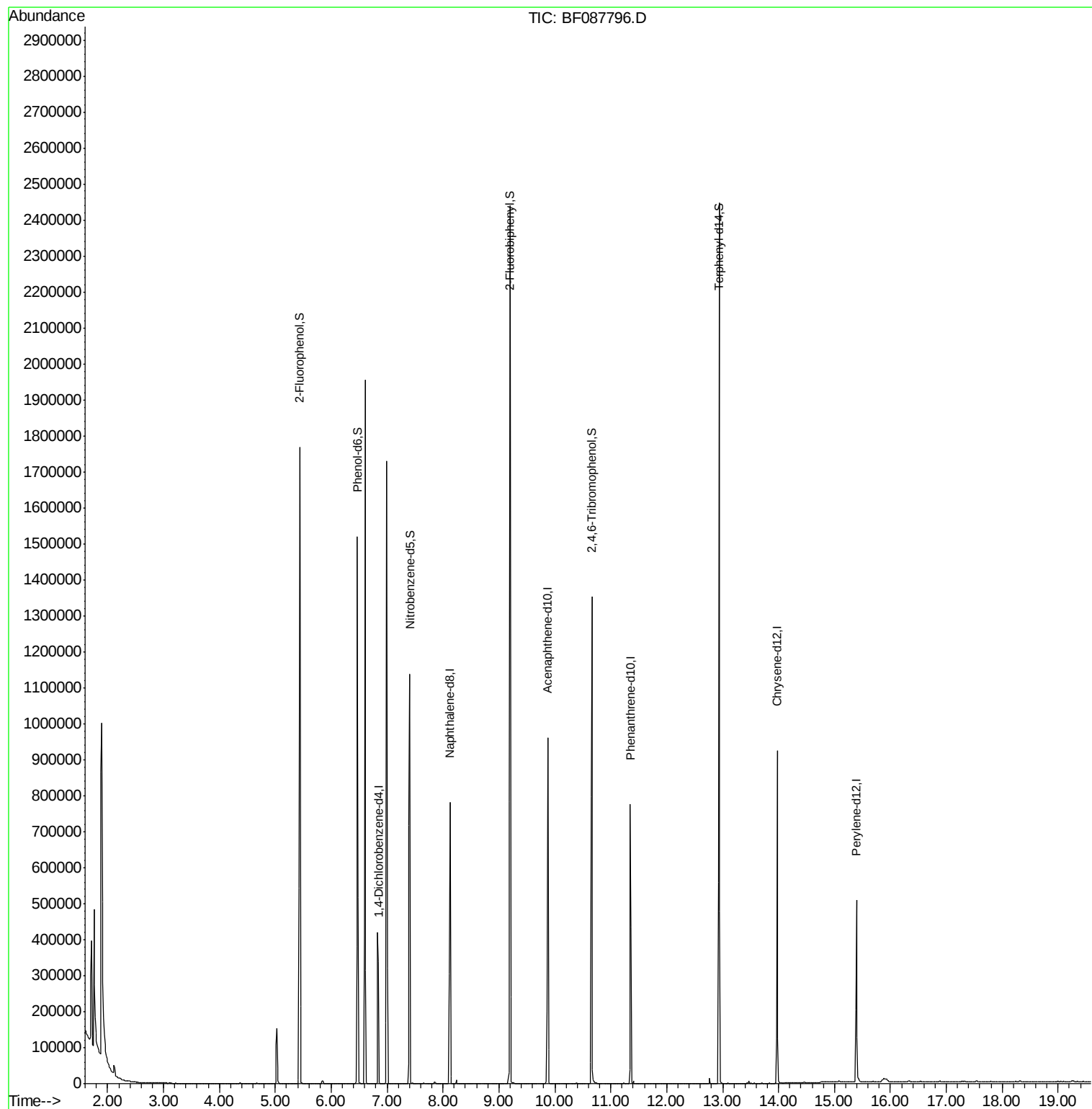
Target Compounds Qvalue

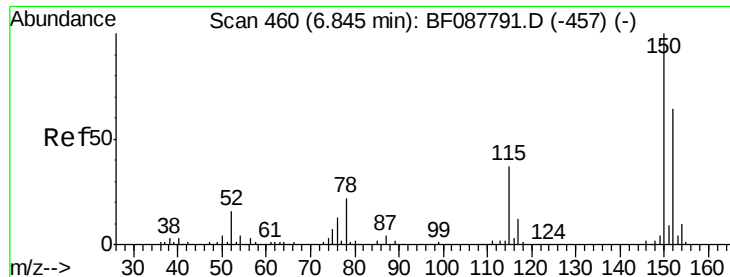
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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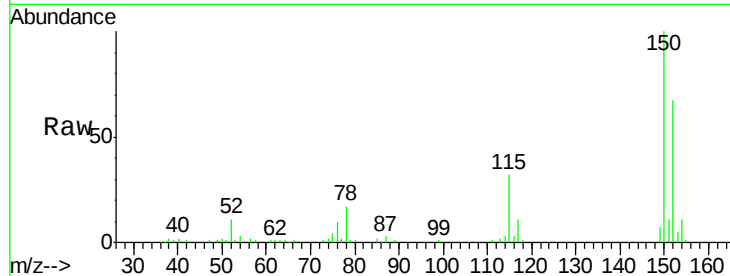


#1

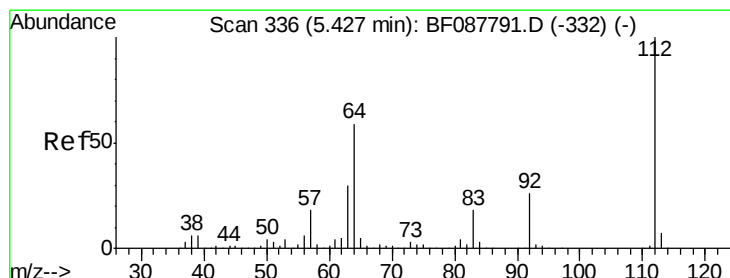
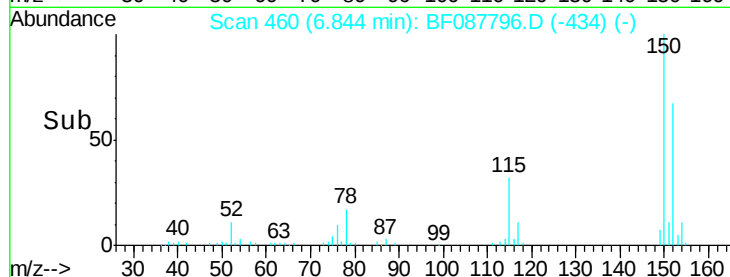
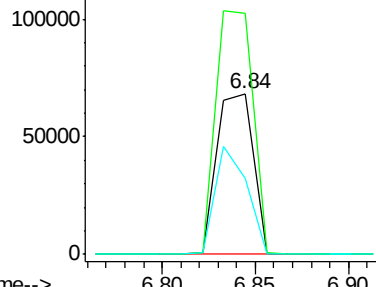
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF087796.D
Acq: 7 Jun 2016 18:54

Instrument :
BNA_F
ClientSampleId :
PB91075BL

Tot Ion:152 Resp: 92207
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 47.7 39.6 59.4



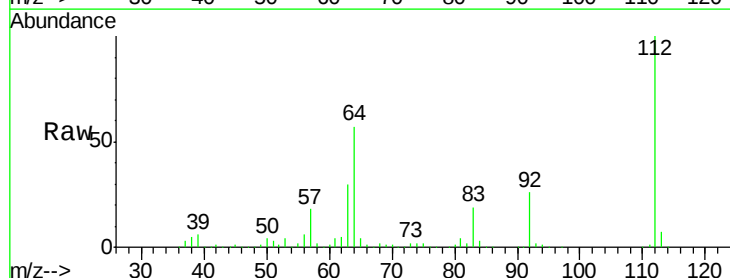
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



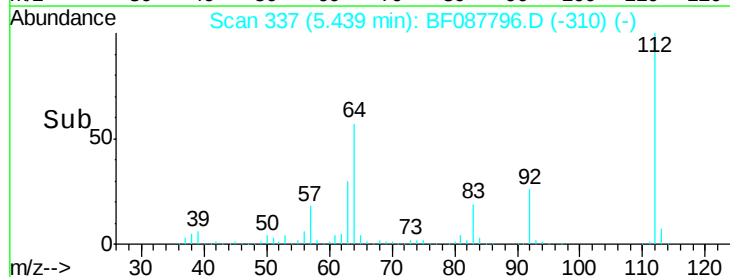
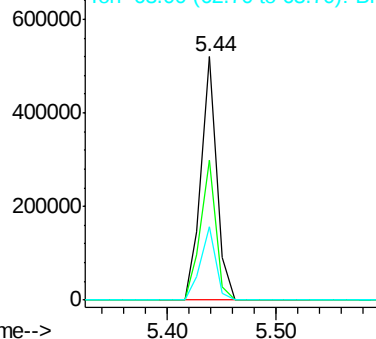
#5

2-Fluorophenol
Concen: 97.12 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.01 min
Lab File: BF087796.D
Acq: 7 Jun 2016 18:54

Tgt Ion:112 Resp: 523836
Ion Ratio Lower Upper
112 100
64 57.4 42.2 63.2
63 30.0 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: 99.53 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087796.D

Acq: 7 Jun 2016 18:54

Instrument :

BNA_F

ClientSampleId :

PB91075BL

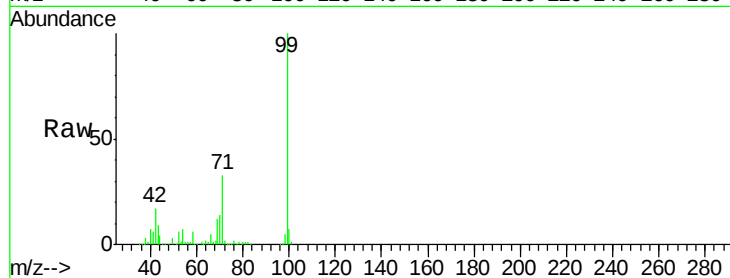
Tot Ion: 99 Resp: 650603

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

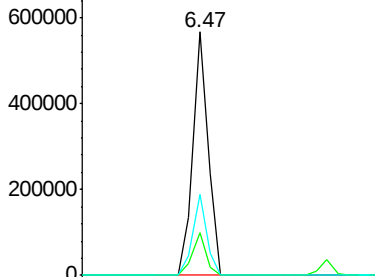
71 33.4 23.4 35.0



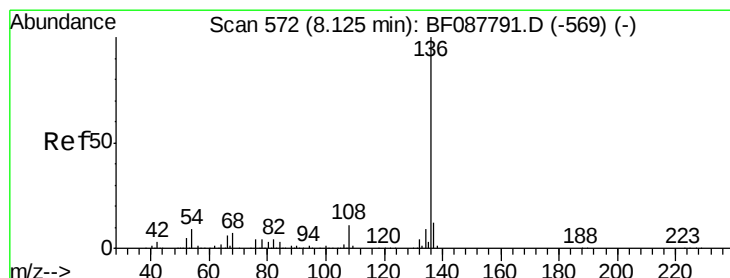
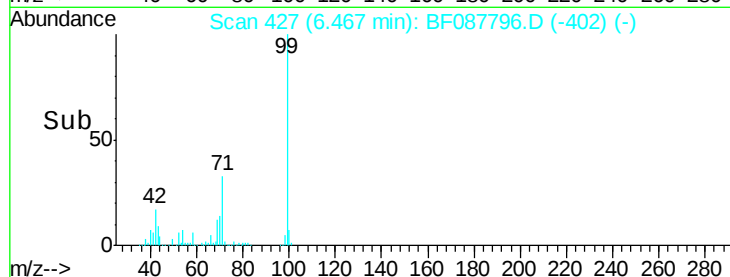
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF087796.D

Acq: 7 Jun 2016 18:54

Tgt Ion: 136 Resp: 396593

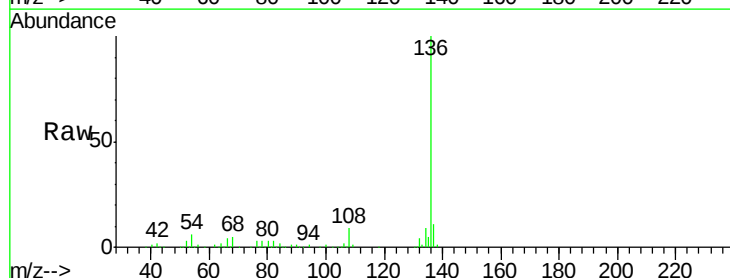
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 6.6 10.0#

68 5.0 5.1 7.7#

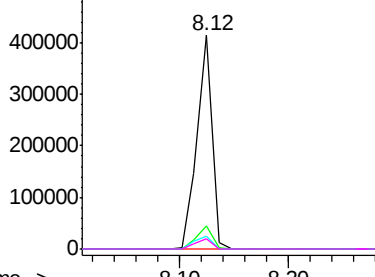


Abundance Ion 136.00 (135.70 to 136.70): E

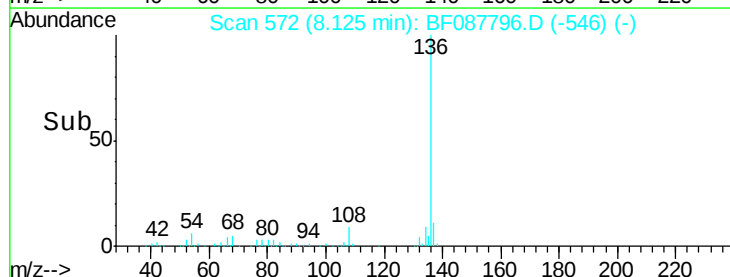
Ion 137.00 (136.70 to 137.70): E

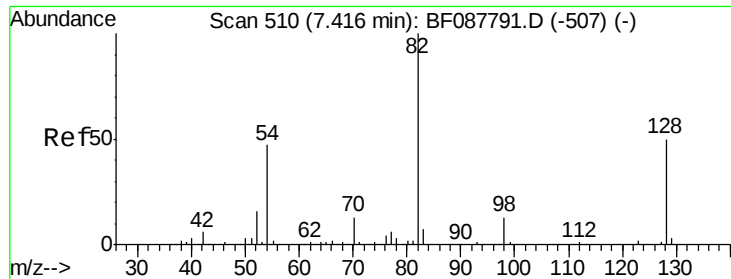
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

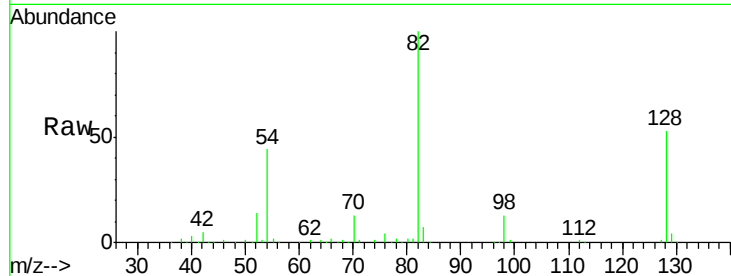




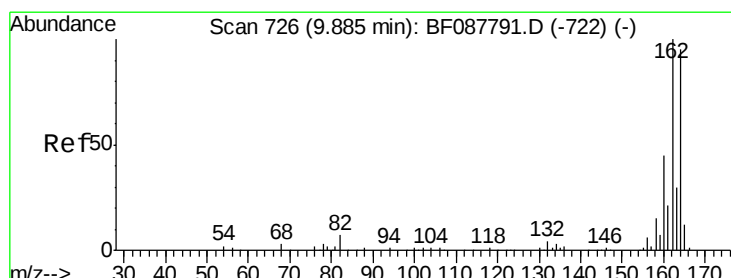
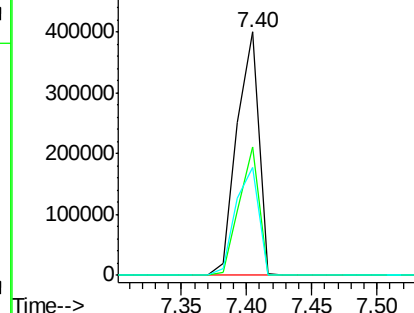
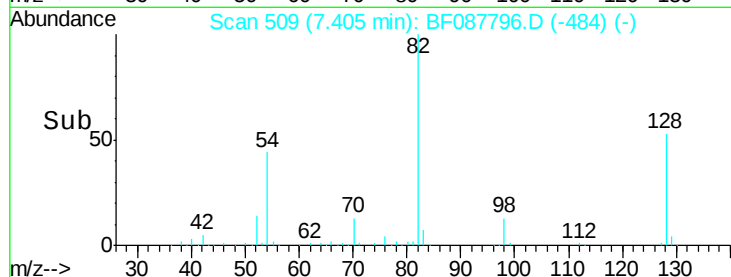
#23
 Nitrobenzene-d5
 Concen: 68.27 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Instrument :
 BNA_F
 ClientSampled :
 PB91075BL

Tot Ion: 82 Resp: 463656
 Ion Ratio Lower Upper
 82 100
 128 52.6 35.9 53.9
 54 44.2 40.9 61.3

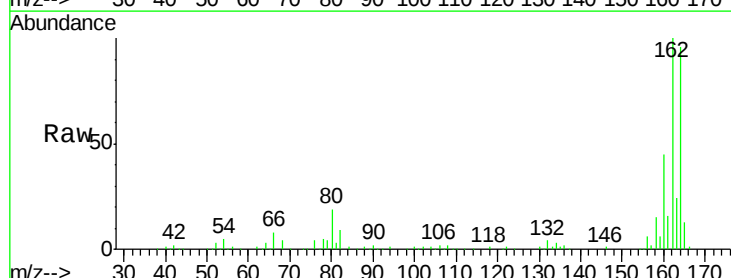


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

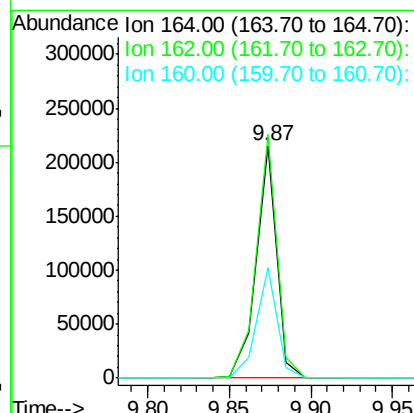
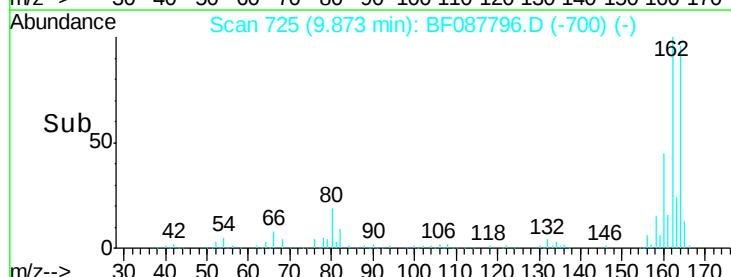


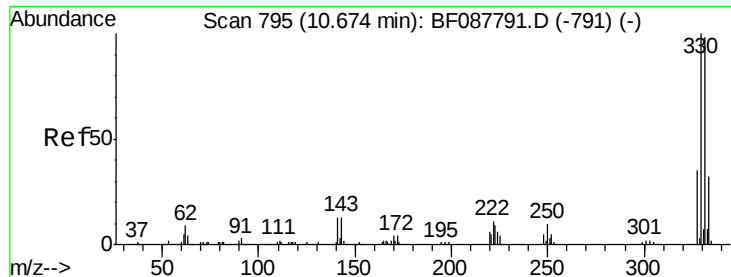
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Tgt Ion:164 Resp: 188511
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 47.3 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

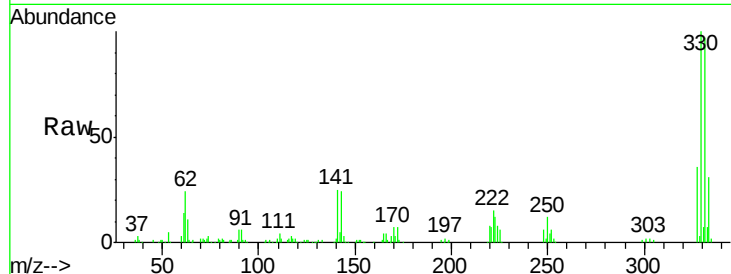




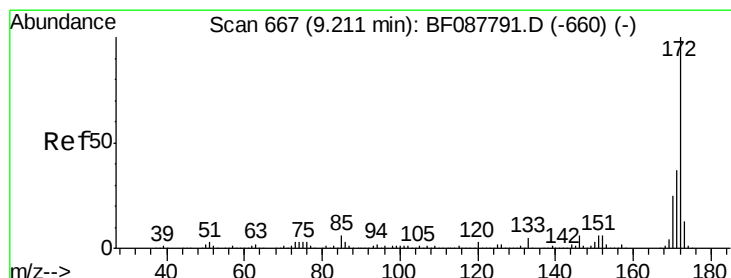
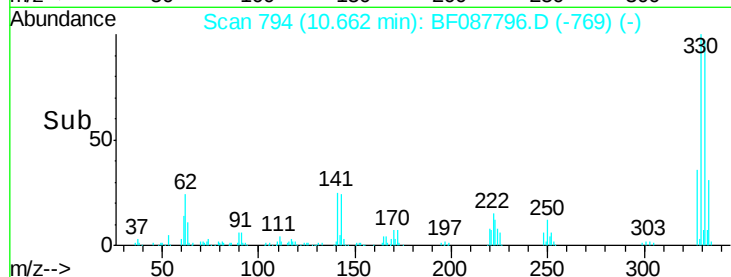
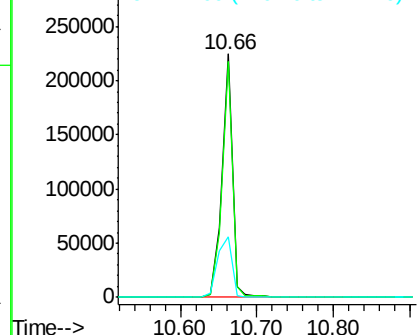
#41
 2,4,6-Tribromophenol
 Concen: 106.80 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	34.0	0.0	0.0#

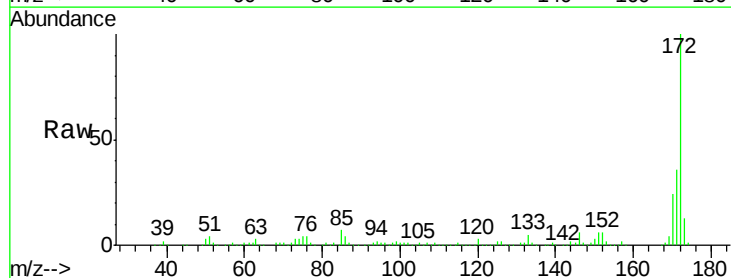


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

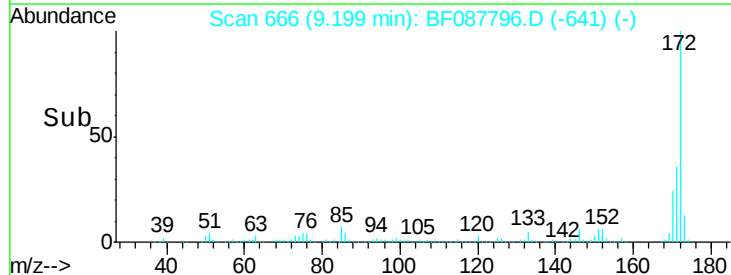
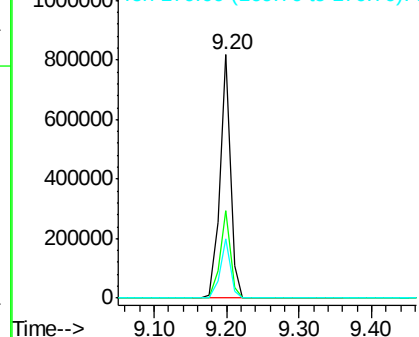


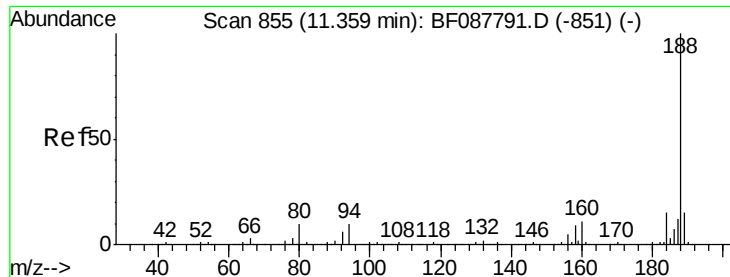
#44
 2-Fluorobiphenyl
 Concen: 67.70 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

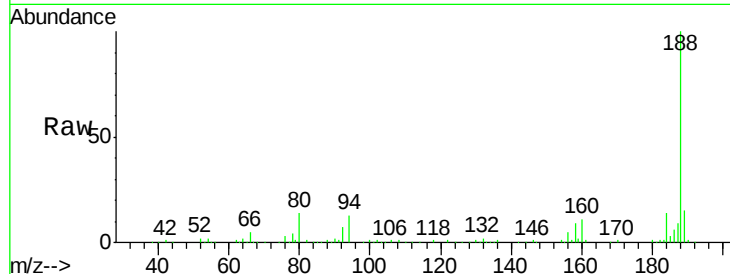




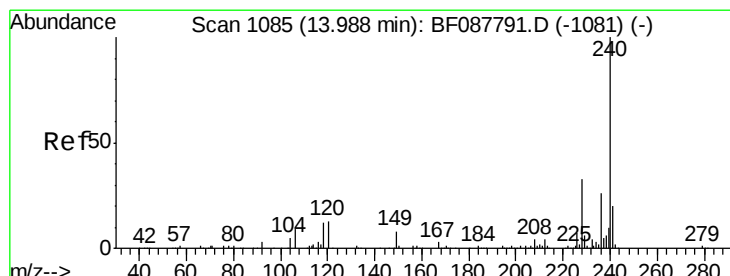
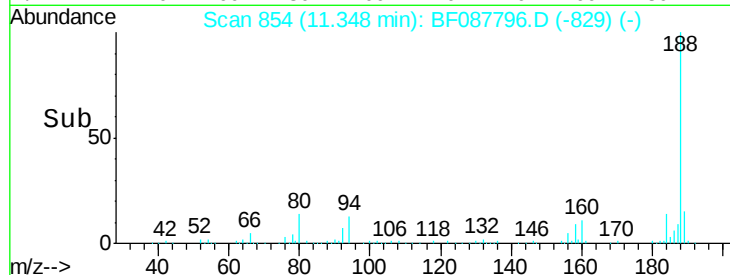
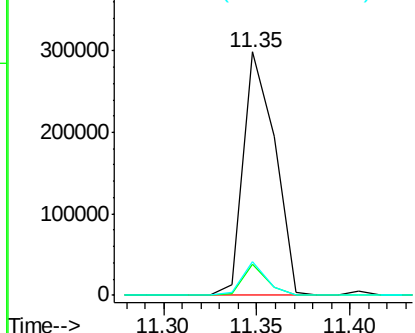
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087796.D
Acq: 7 Jun 2016 18:54

Instrument :
BNA_F
ClientSampleId :
PB91075BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.6
80	13.9	10.0	15.0

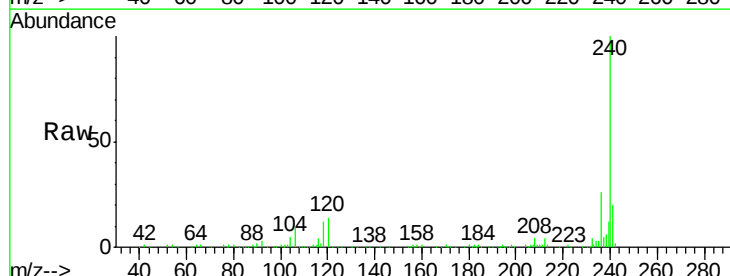


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

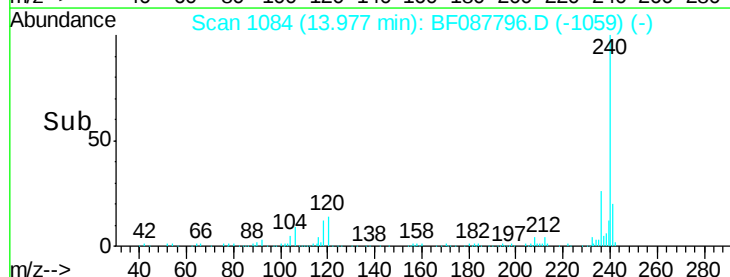
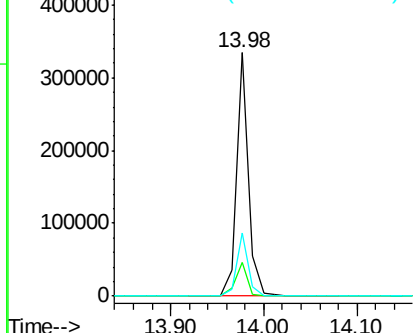


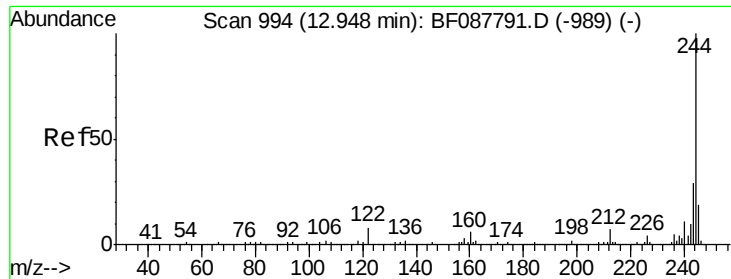
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF087796.D
Acq: 7 Jun 2016 18:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.9	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

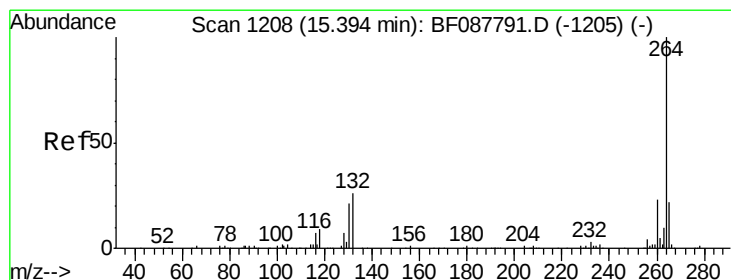
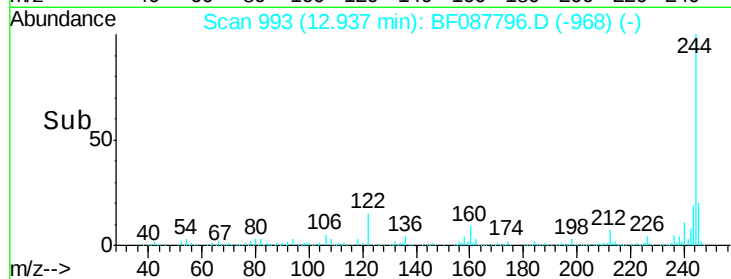
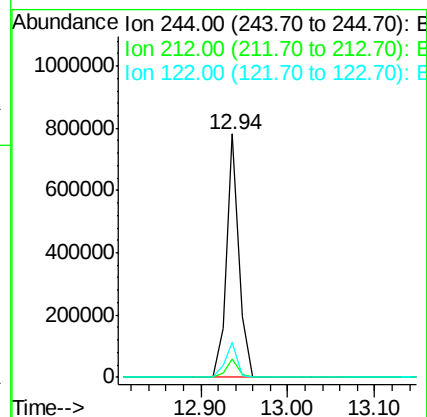
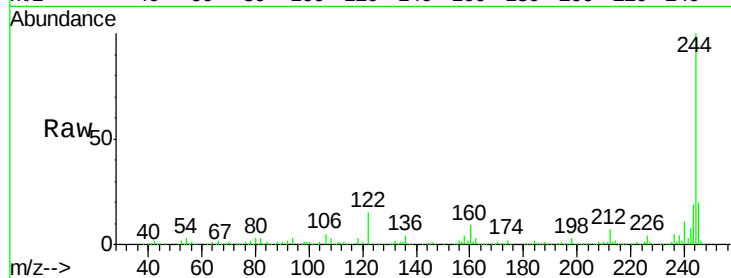




#78
 Terphenyl-d14
 Concen: 60.22 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BL

Tot Ion:244 Resp: 785065
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF087796.D
 Acq: 7 Jun 2016 18:54

Tgt Ion:264 Resp: 221748
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 16.9 25.3

