

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088225.D
 Acq On : 21 Jun 2016 21:13
 Operator : UM/SJ
 Sample : PB91462BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91462BL

Quant Time: Jun 22 01:08:31 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	88433	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	342896	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	158827	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	321454	20.00	ng	0.00
75) Chrysene-d12	13.79	240	275718	20.00	ng	0.00
86) Perylene-d12	15.17	264	215755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	565965	109.41	ng	0.01
7) Phenol-d6	6.31	99	669605	106.81	ng	0.00
23) Nitrobenzene-d5	7.22	82	426182	72.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	172739	103.00	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	809916	79.77	ng	0.00
78) Terphenyl-d14	12.75	244	778912	64.29	ng	0.00

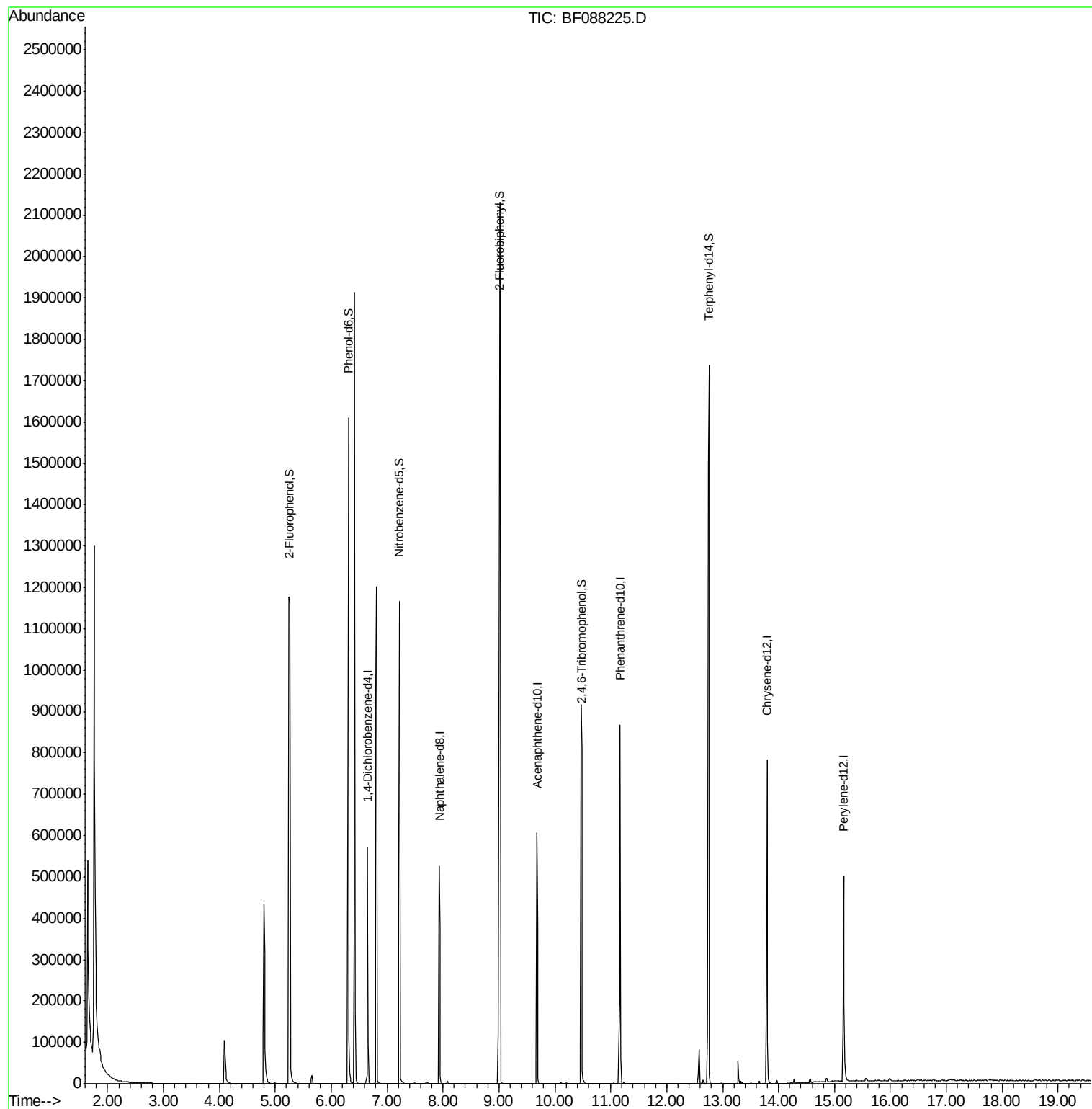
Target Compounds Qvalue

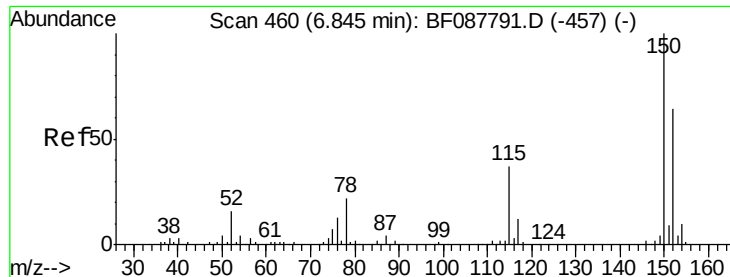
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088225.D

Acq: 21 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

PB91462BL

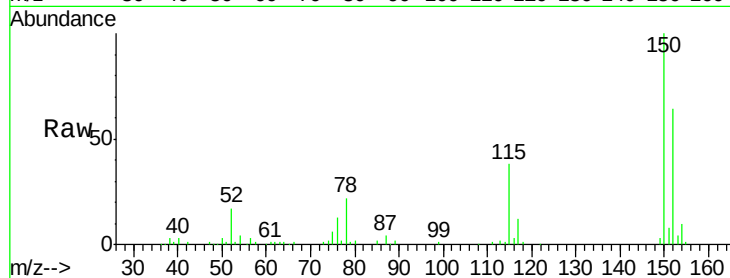
Tot Ion:152 Resp: 88433

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

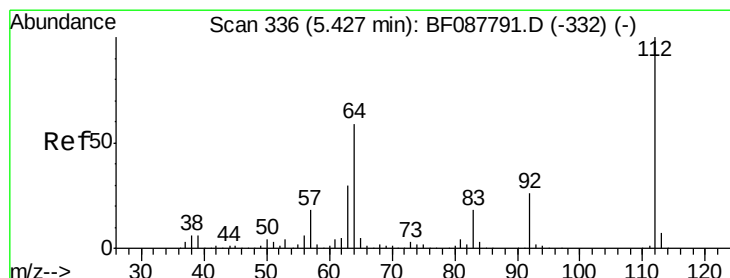
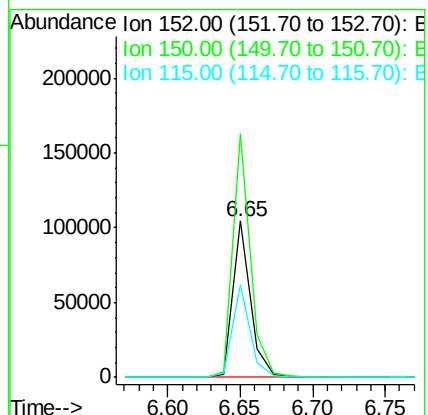
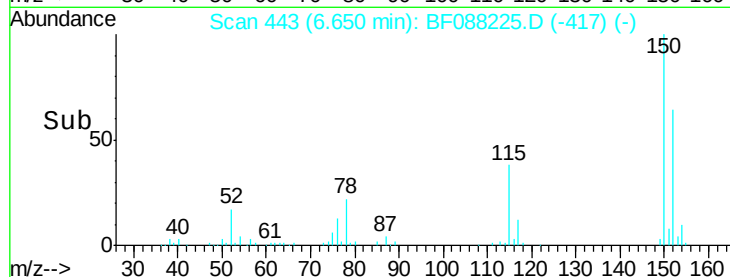
115 59.2 39.6 59.4



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: 109.41 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088225.D

Acq: 21 Jun 2016 21:13

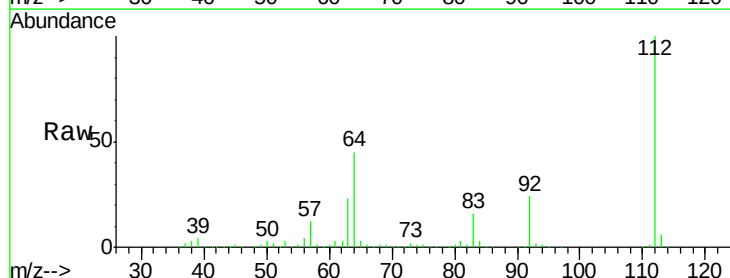
Tgt Ion:112 Resp: 565965

Ion Ratio Lower Upper

112 100

64 45.0 42.2 63.2

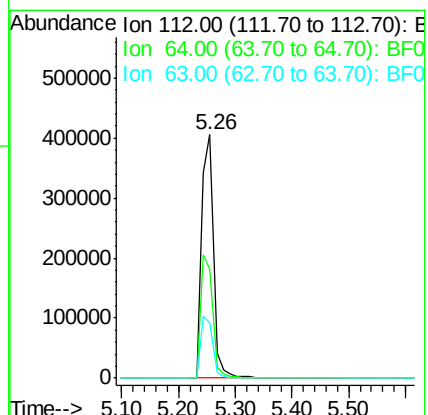
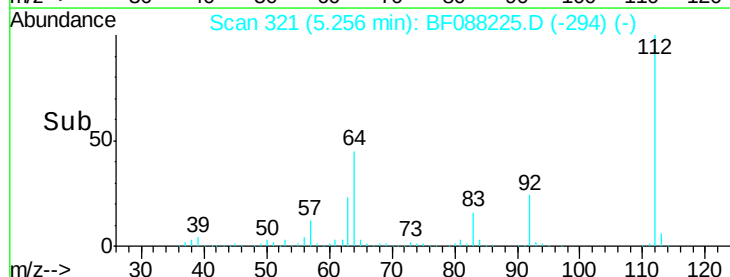
63 22.6 21.8 32.8

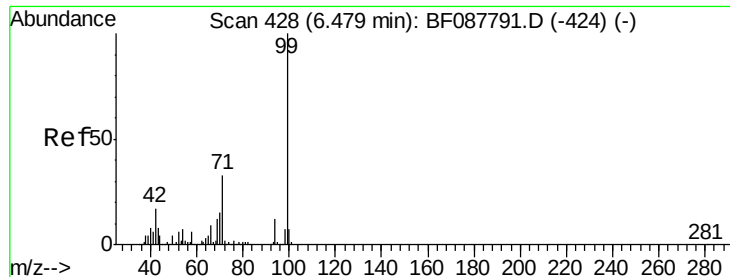


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.81 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088225.D

Acq: 21 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

PB91462BL

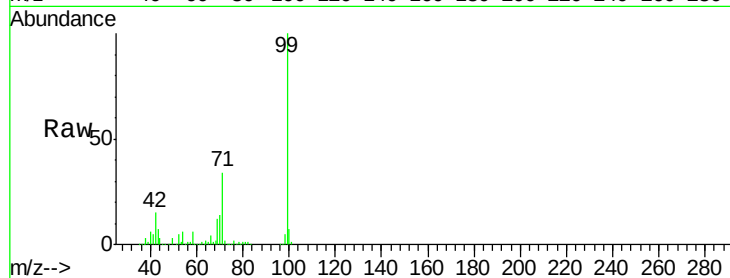
Tot Ion: 99 Resp: 669605

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

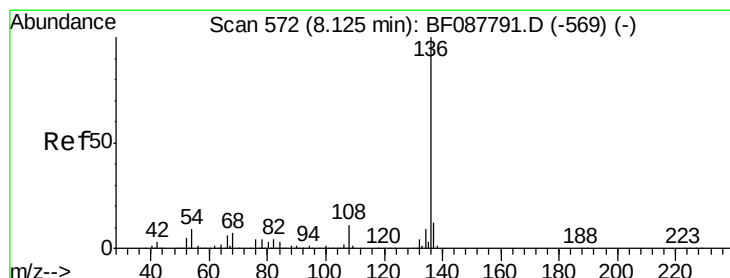
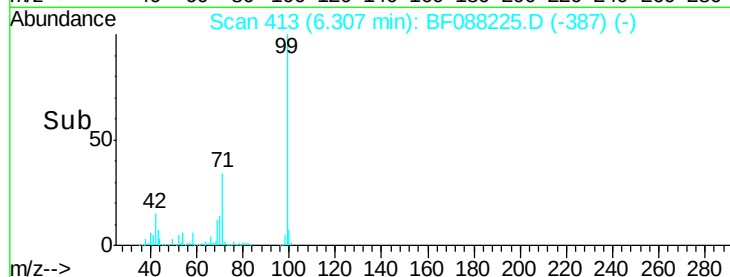
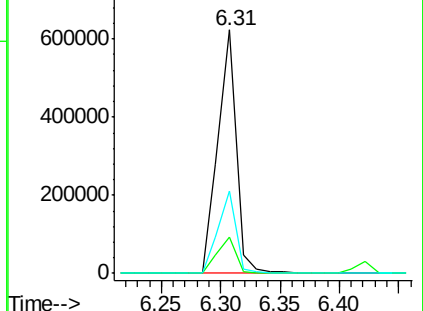
71 33.6 23.4 35.0



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: BF088225.D

Acq: 21 Jun 2016 21:13

Tgt Ion: 136 Resp: 342896

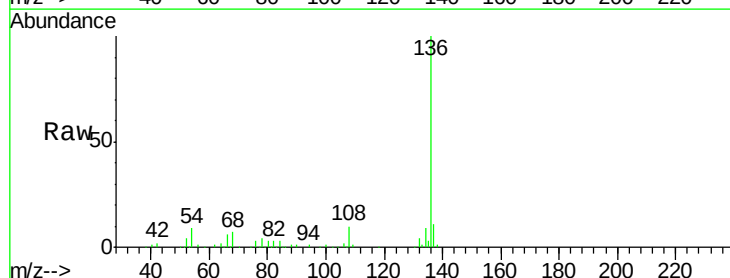
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.5 6.6 10.0

68 7.0 5.1 7.7

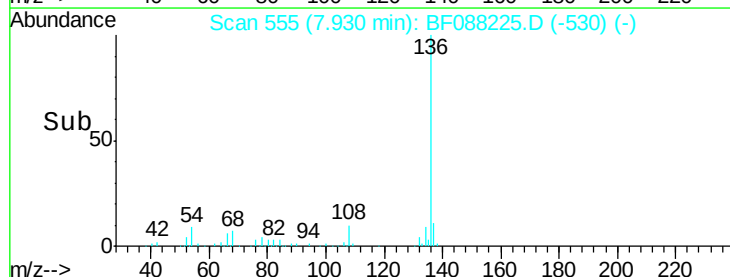
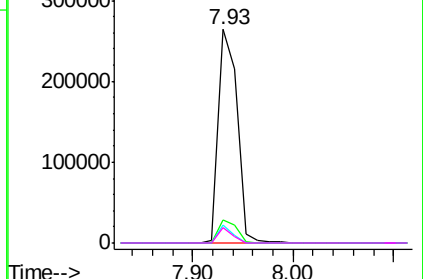


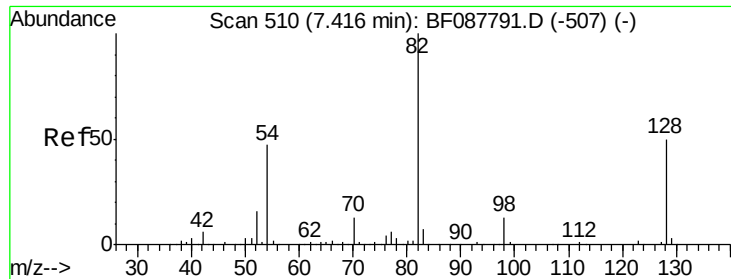
Abundance Ion 136.00 (135.70 to 136.70): E

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

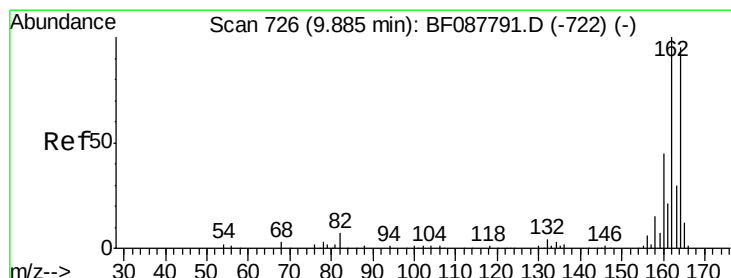
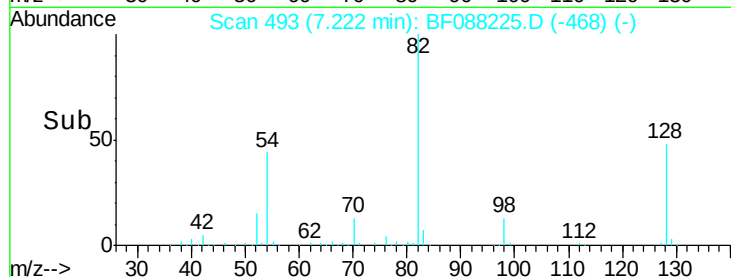
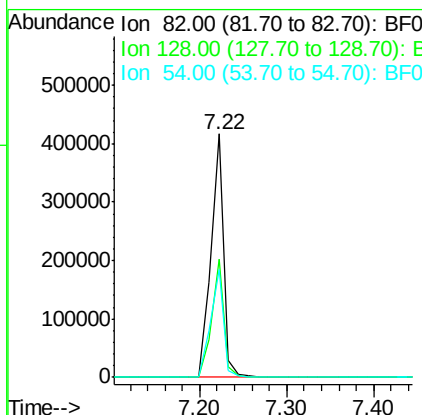
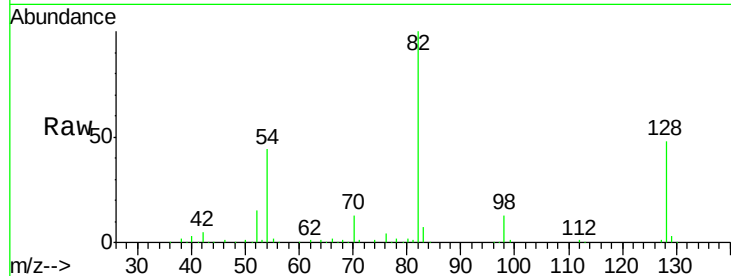




#23
 Nitrobenzene-d5
 Concen: 72.58 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

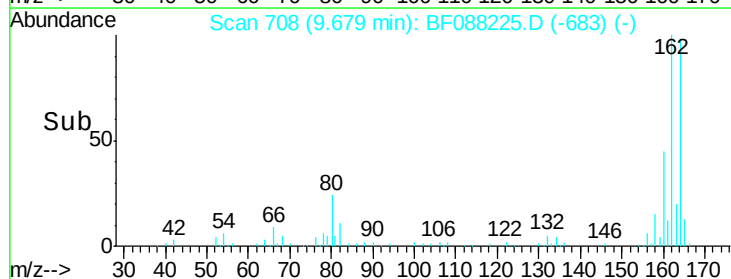
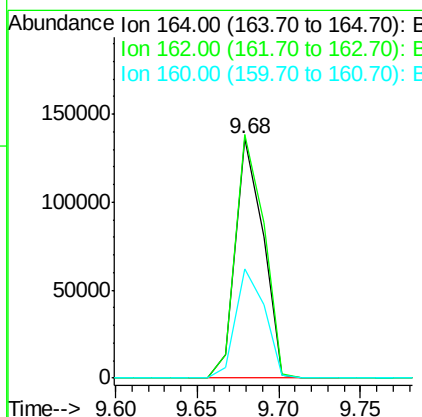
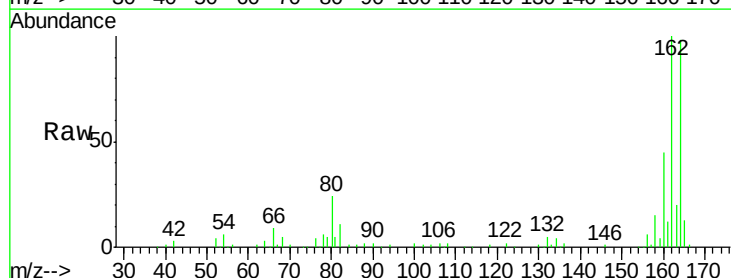
Instrument :
 BNA_F
 ClientSampled :
 PB91462BL

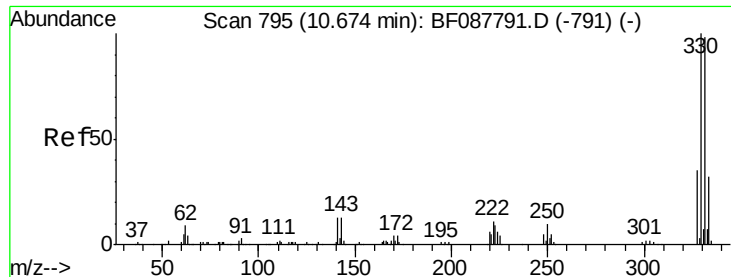
Tot Ion: 82 Resp: 426182
 Ion Ratio Lower Upper
 82 100
 128 48.3 35.9 53.9
 54 44.2 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

Tgt Ion:164 Resp: 158827
 Ion Ratio Lower Upper
 164 100
 162 101.7 85.4 128.2
 160 45.8 39.5 59.3

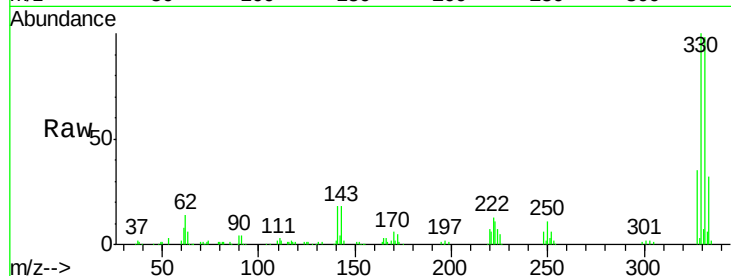




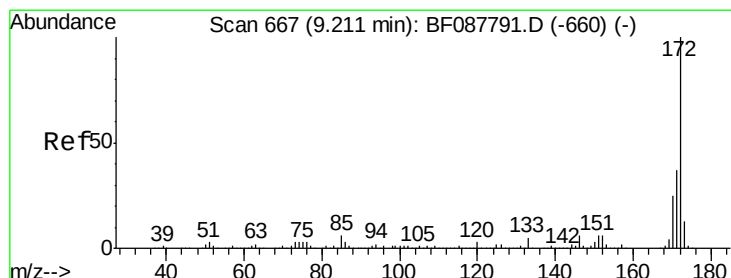
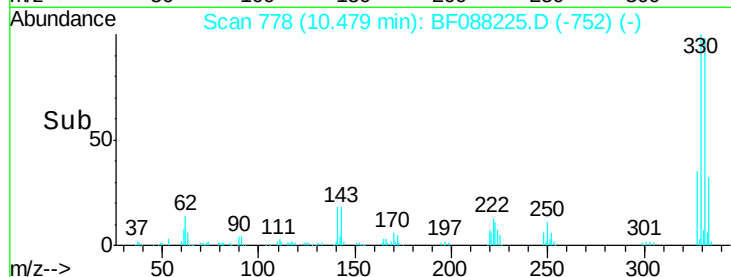
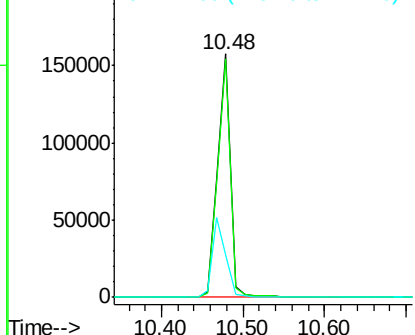
#41
 2,4,6-Tribromophenol
 Concen: 103.00 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91462BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	34.6	0.0	0.0#

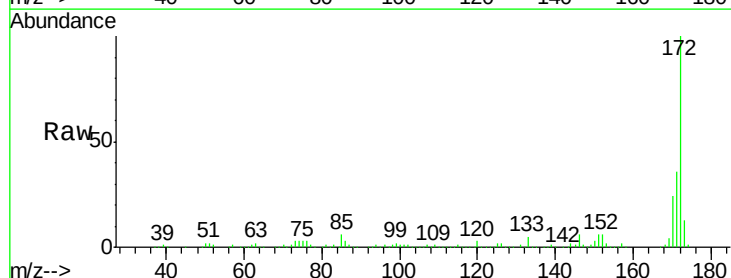


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

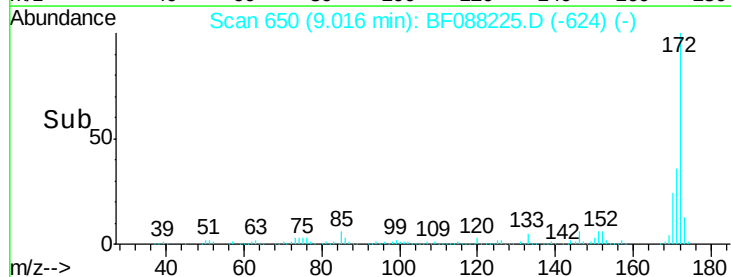
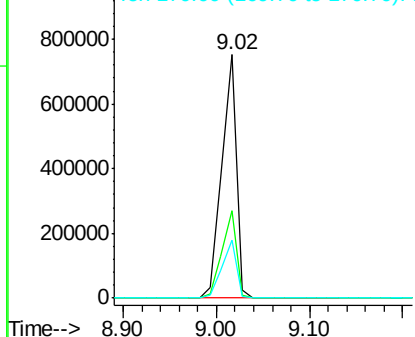


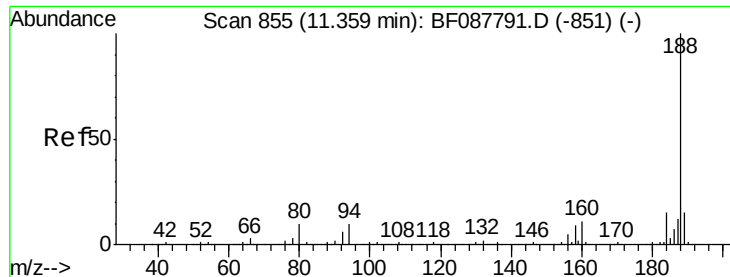
#44
 2-Fluorobiphenyl
 Concen: 79.77 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

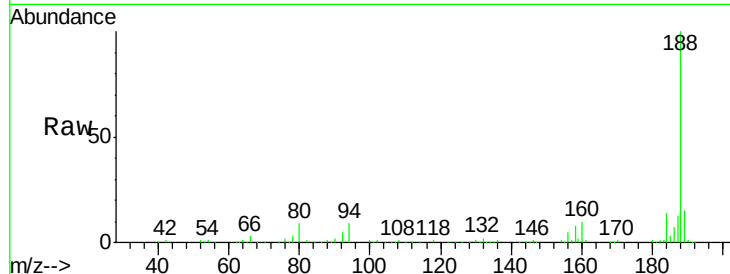




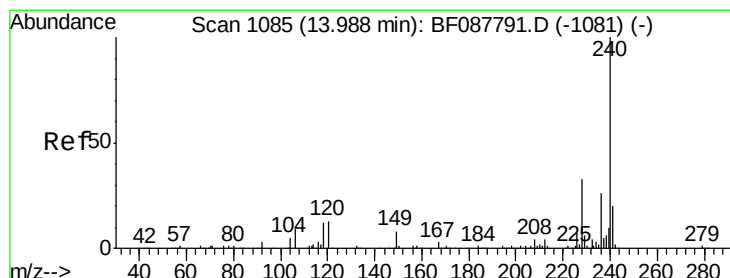
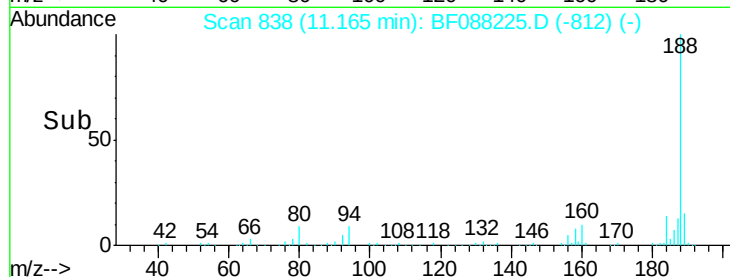
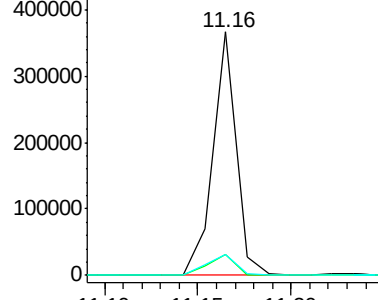
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF088225.D
Acq: 21 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :
PB91462BL

Tot Ion:188 Resp: 321454
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 8.8 10.0 15.0#

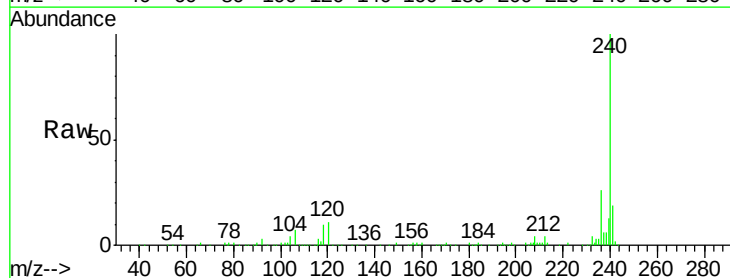


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

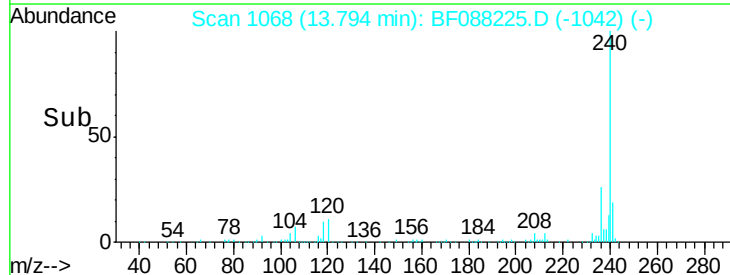
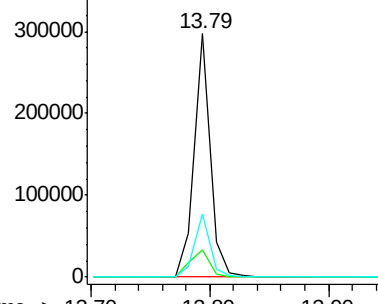


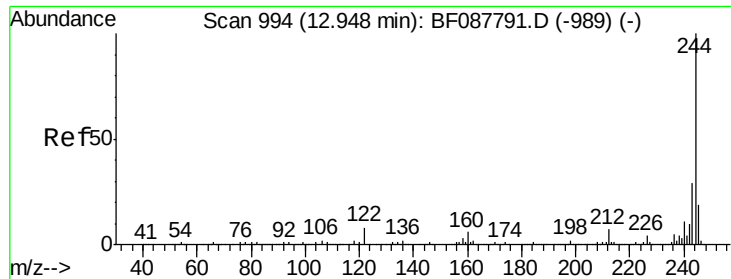
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088225.D
Acq: 21 Jun 2016 21:13

Tgt Ion:240 Resp: 275718
Ion Ratio Lower Upper
240 100
120 11.2 6.8 10.2#
236 25.7 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

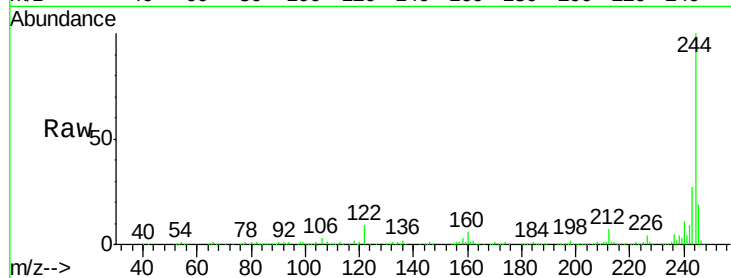




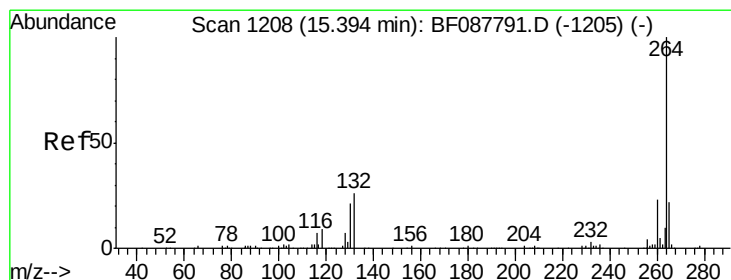
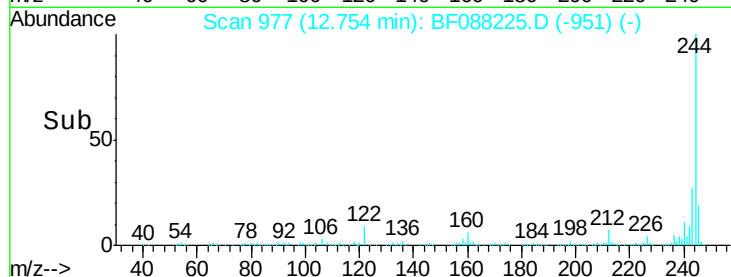
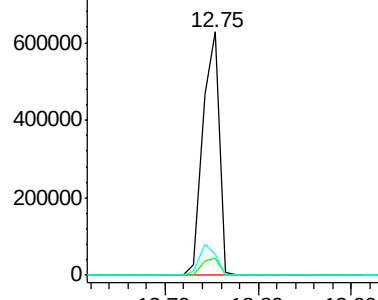
#78
 Terphenyl-d14
 Concen: 64.29 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91462BL

Tot Ion:244 Resp: 778912
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.5 11.2 16.8#

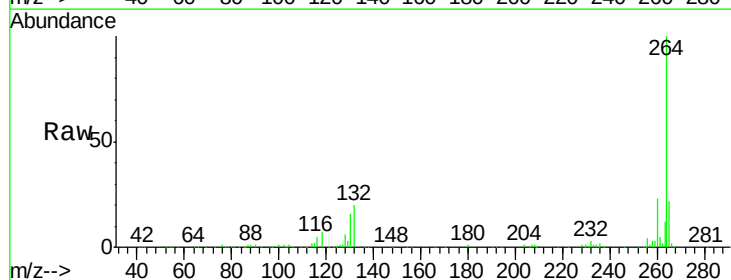


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF088225.D
 Acq: 21 Jun 2016 21:13

Tgt Ion:264 Resp: 215755
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.7 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

