

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087715.D
 Acq On : 5 Jun 2016 18:51
 Operator : UM/SJ
 Sample : H3362-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

Quant Time: Jun 06 04:12:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147866	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	619693	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278060	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	554635	20.00	ng	0.00
75) Chrysene-d12	14.01	240	414007	20.00	ng	-0.01
86) Perylene-d12	15.44	264	321142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	411140	44.94	ng	0.00
7) Phenol-d6	6.48	99	329319	28.70	ng	-0.01
23) Nitrobenzene-d5	7.43	82	831618	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	291007	104.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1361329	71.45	ng	-0.01
78) Terphenyl-d14	12.97	244	1106276	65.20	ng	0.00

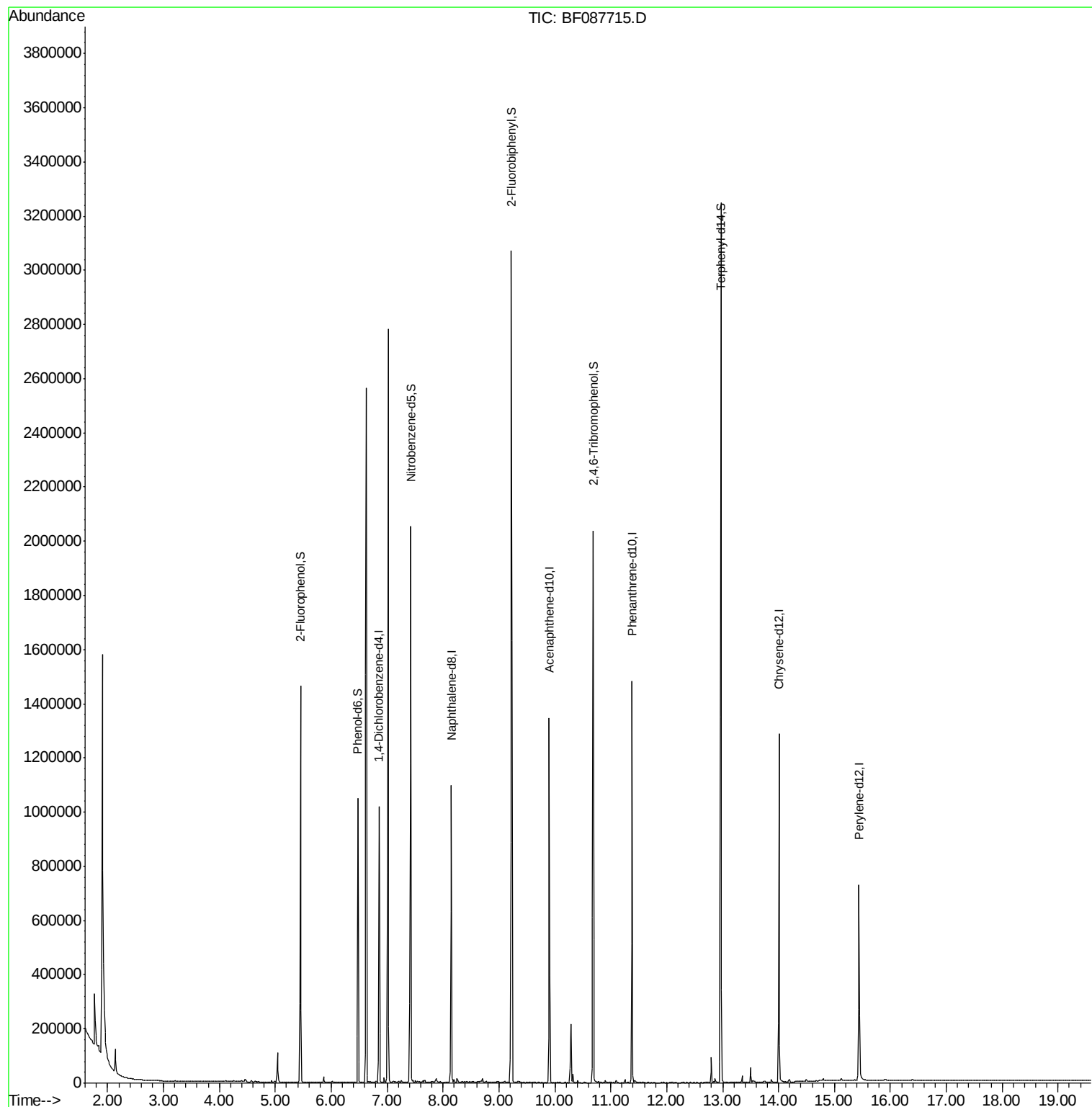
Target Compounds Qvalue

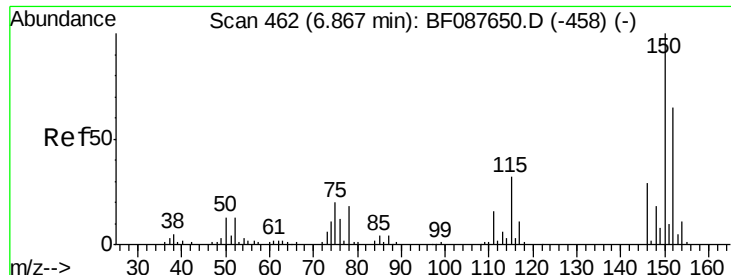
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0961

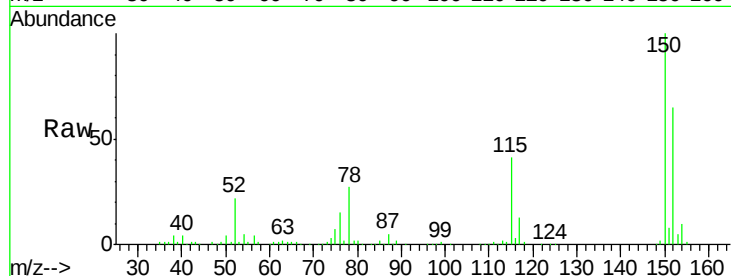
Tot Ion:152 Resp: 147866

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

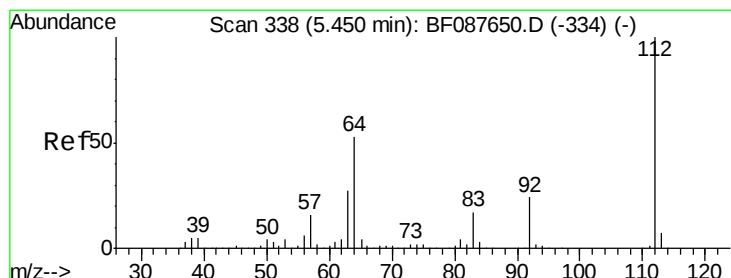
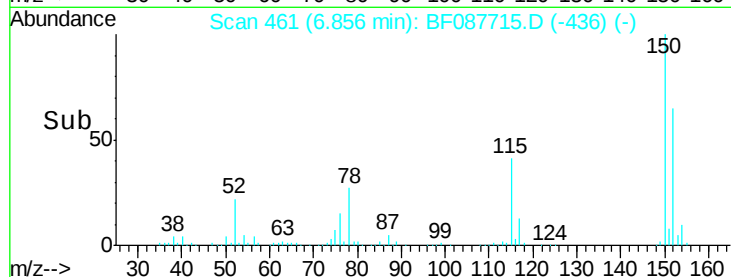
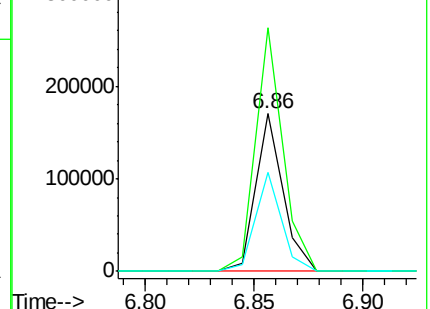
115 63.1 39.6 59.4#



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: 44.94 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

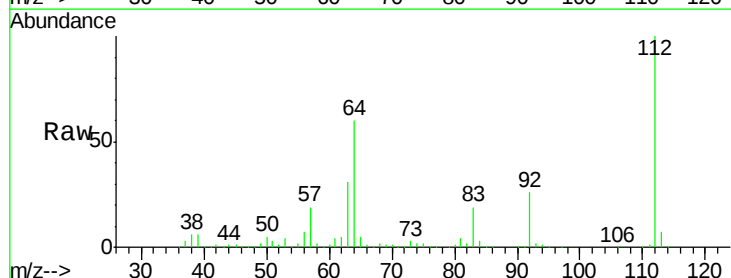
Tgt Ion:112 Resp: 411140

Ion Ratio Lower Upper

112 100

64 59.8 42.2 63.2

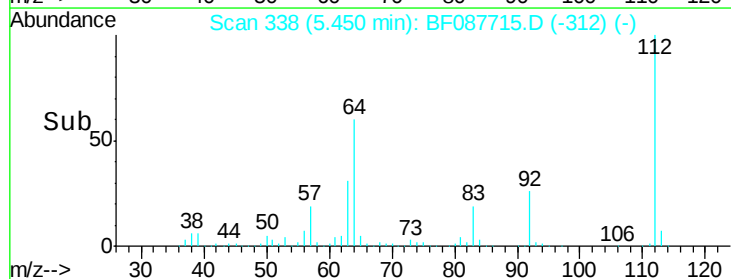
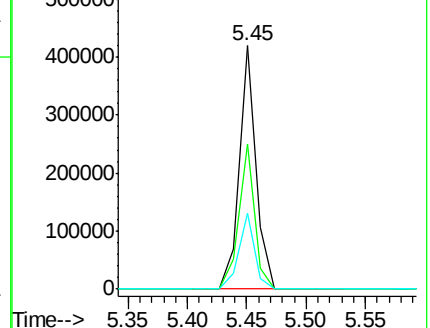
63 31.1 21.8 32.8

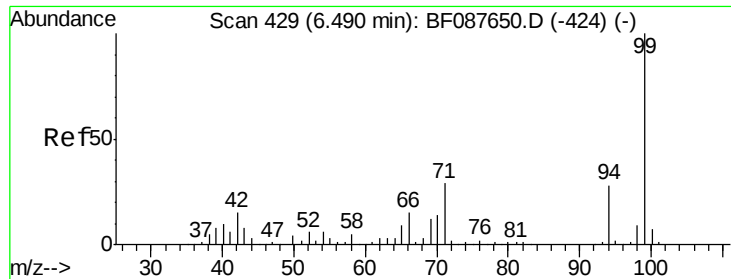


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.70 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Instrument :

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SP16-JMW0961

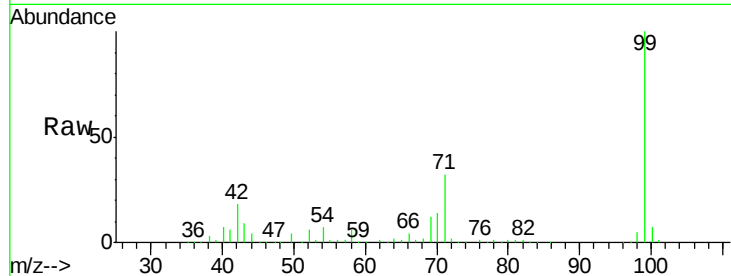
Tot Ion: 99 Resp: 329319

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

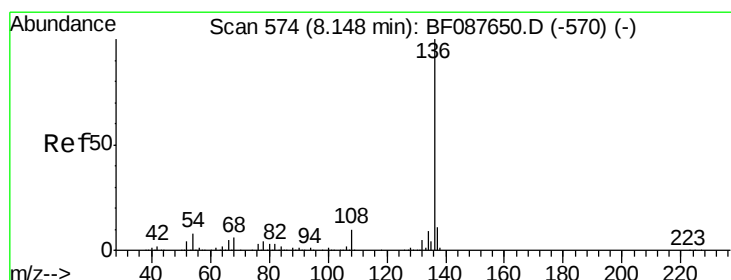
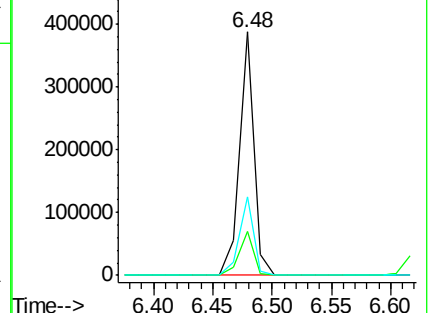
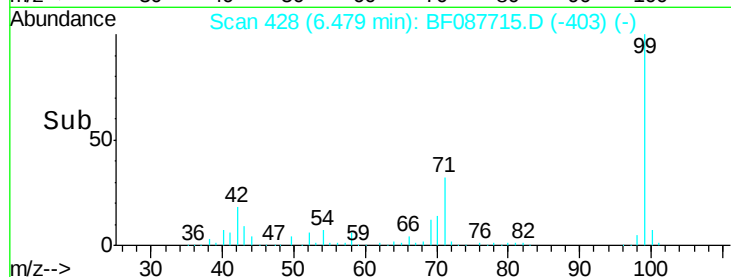
71 32.4 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087715.D

Acq: 5 Jun 2016 18:51

Tgt Ion: 136 Resp: 619693

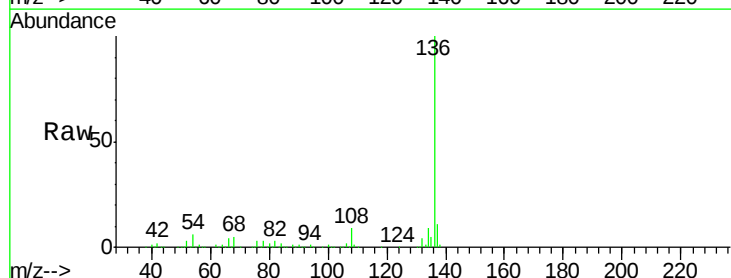
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 6.6 10.0#

68 4.9 5.1 7.7#

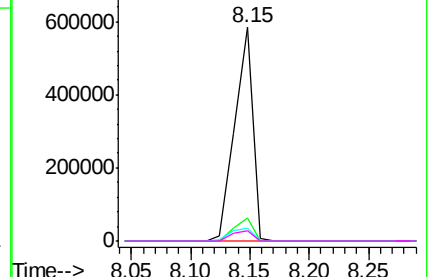
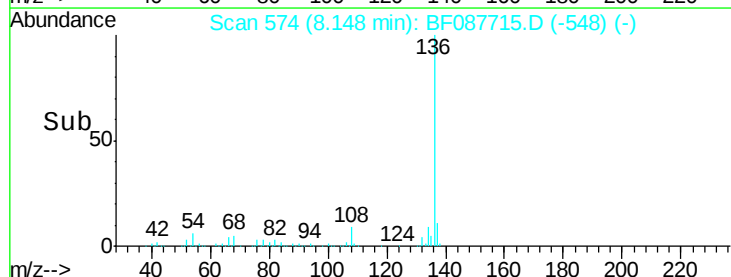


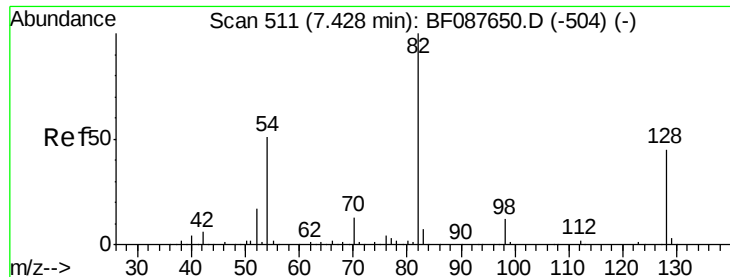
Abundance Ion 136.00 (135.70 to 136.70): E

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

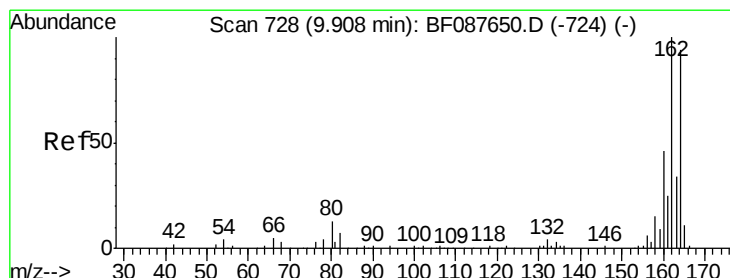
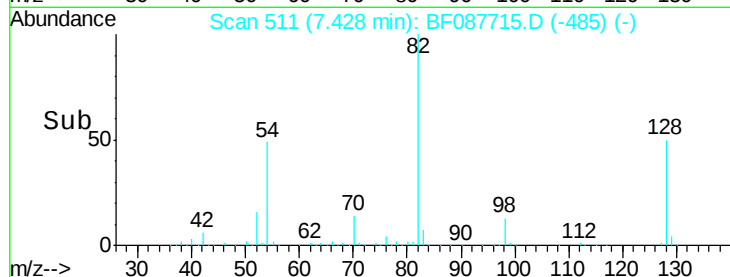
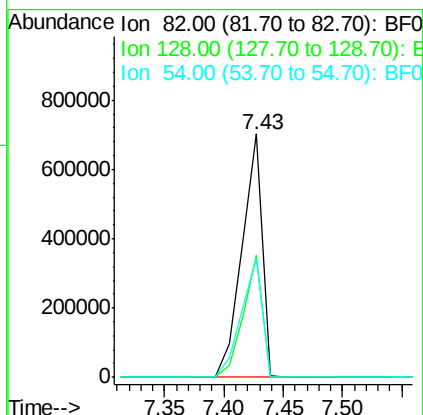
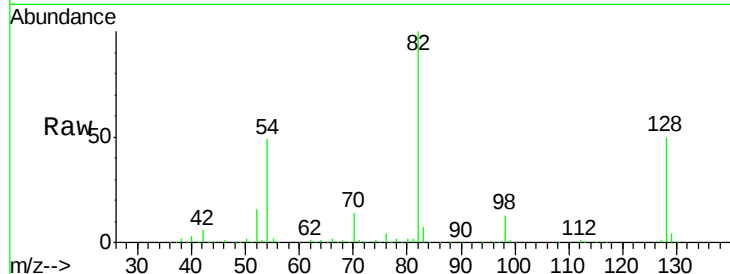




#23
 Nitrobenzene-d5
 Concen: 77.64 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

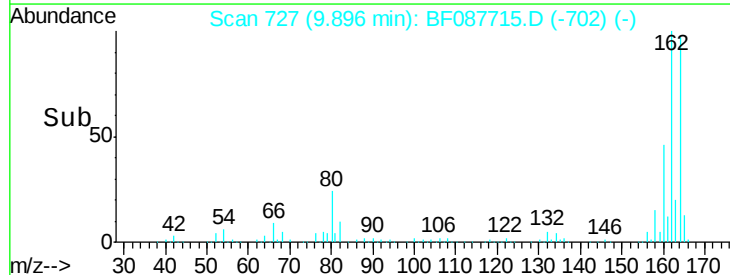
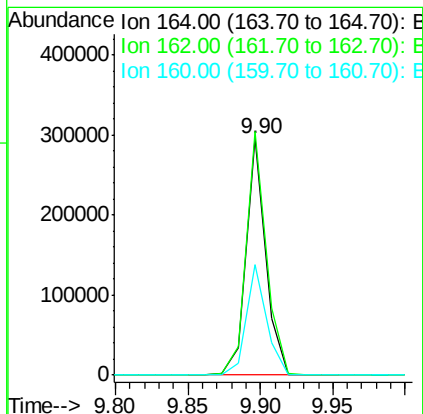
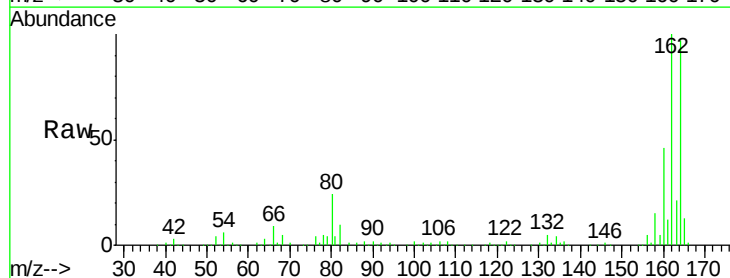
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

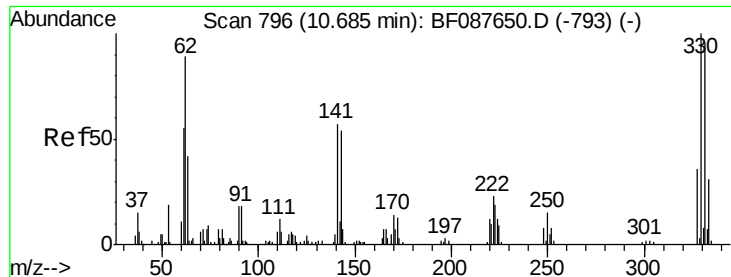
Tot Ion	82	Resp	831618
Ion Ratio	Lower	Upper	
82	100		
128	49.9	35.9	53.9
54	48.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion	164	Resp	278060
Ion Ratio	Lower	Upper	
164	100		
162	102.8	85.4	128.2
160	46.8	39.5	59.3

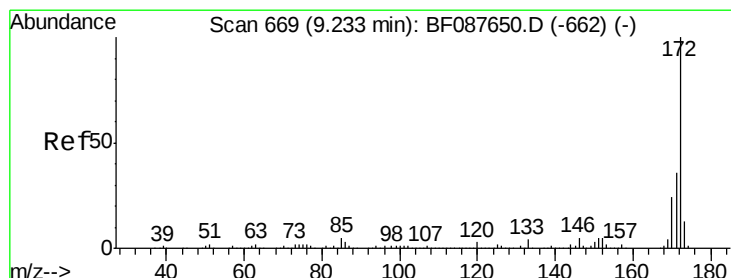
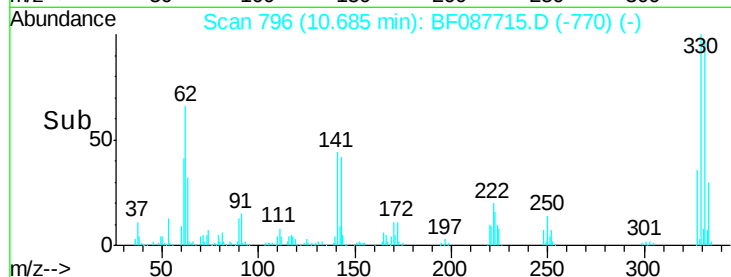
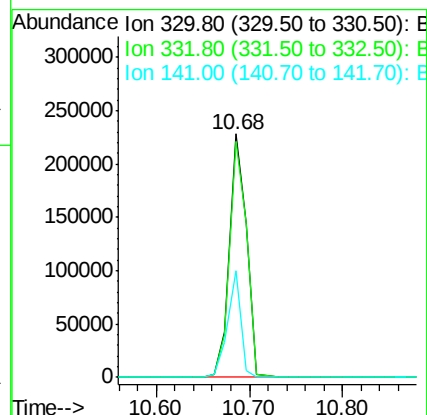
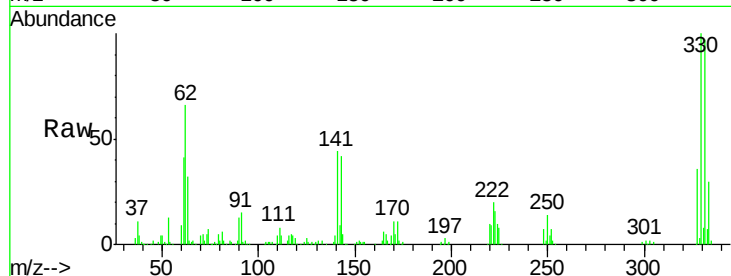




#41
 2,4,6-Tribromophenol
 Concen: 104.26 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

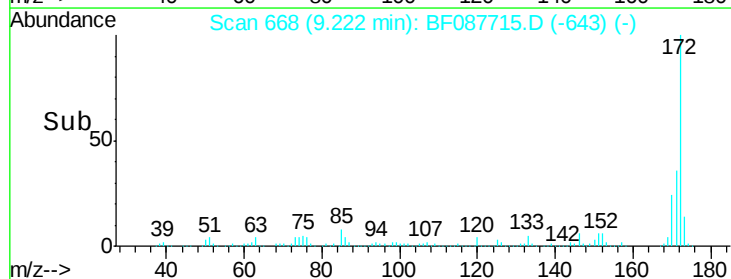
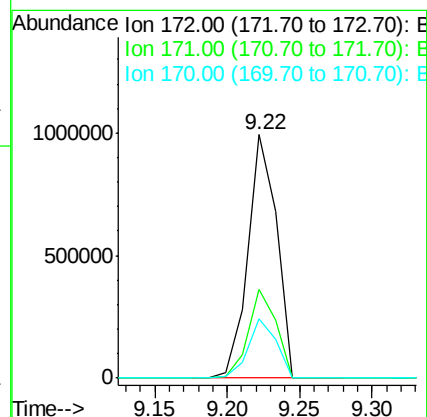
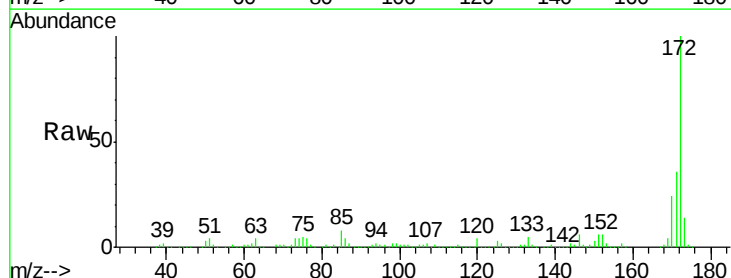
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0961

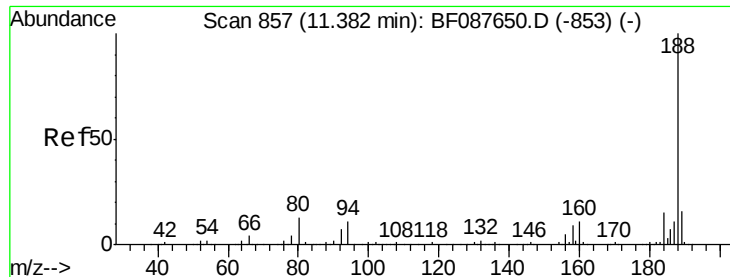
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	33.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.45 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.5	19.2	28.8

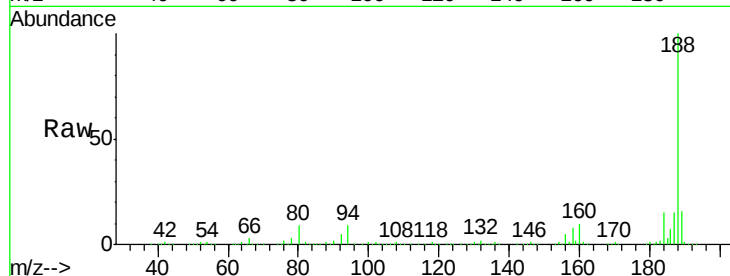




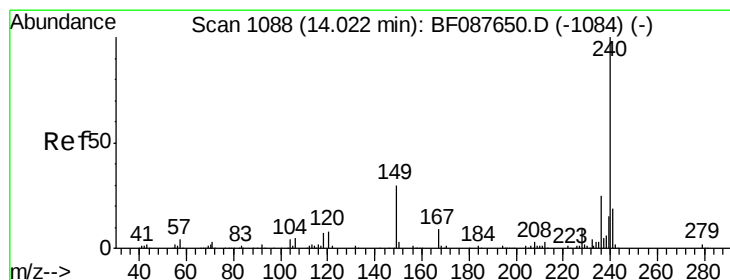
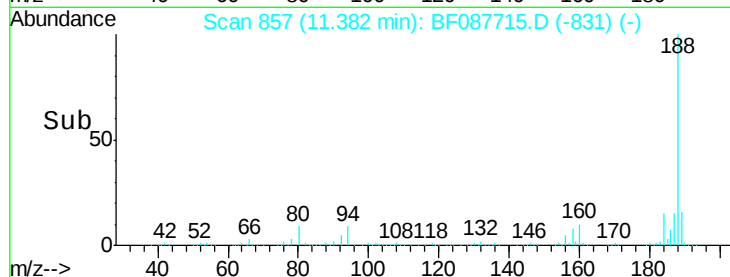
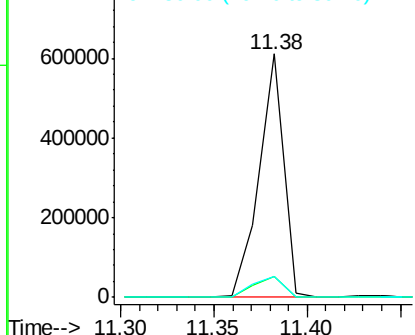
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961

Tot Ion:188 Resp: 554635
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 8.7 10.0 15.0#

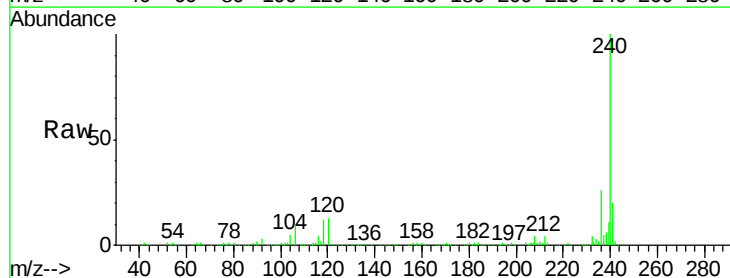


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

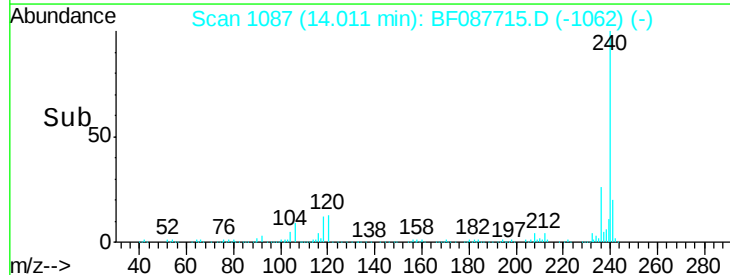
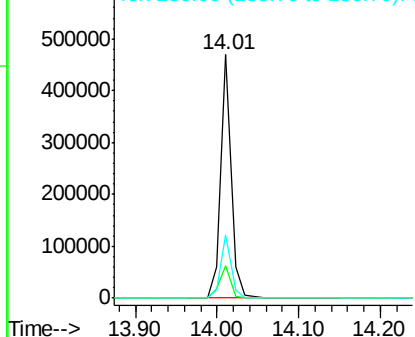


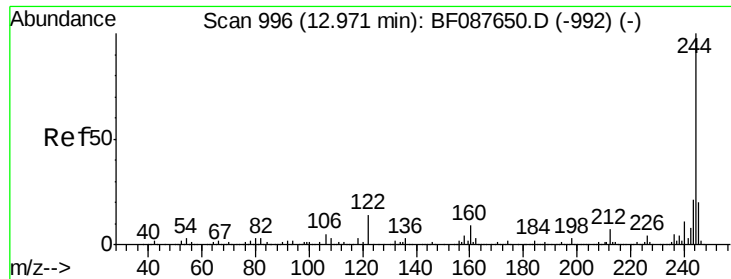
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087715.D
Acq: 5 Jun 2016 18:51

Tgt Ion:240 Resp: 414007
Ion Ratio Lower Upper
240 100
120 13.3 6.8 10.2#
236 26.1 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

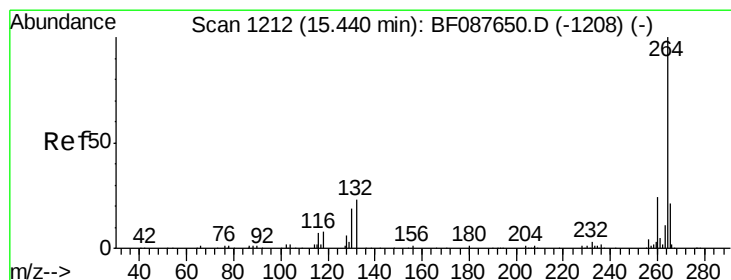
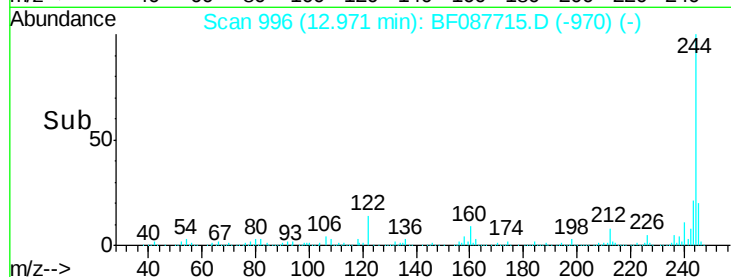
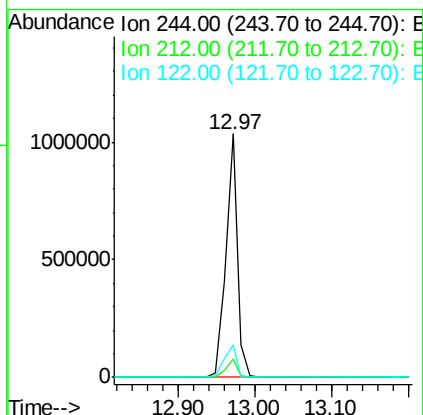
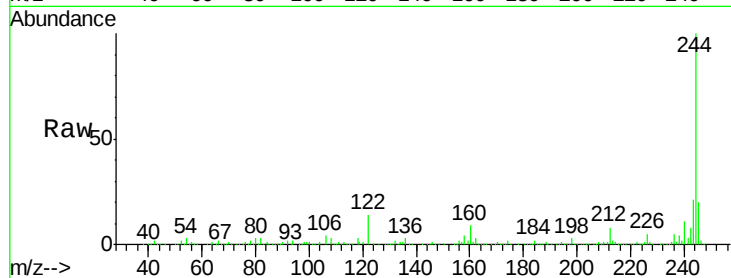




#78
 Terphenyl-d14
 Concen: 65.20 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Instrument :
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 SP16-JMW0961

Tot Ion:244 Resp: 1106276
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087715.D
 Acq: 5 Jun 2016 18:51

Tgt Ion:264 Resp: 321142
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

