

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087662.D
 Acq On : 4 Jun 2016 13:13
 Operator : UM/SJ
 Sample : PB91024BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BL

Quant Time: Jun 05 01:24:35 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	123154	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	508935	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231760	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	465557	20.00	ng	0.00
75) Chrysene-d12	14.01	240	373645	20.00	ng	-0.01
86) Perylene-d12	15.44	264	302201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	753609	98.91	ng	0.01
7) Phenol-d6	6.48	99	913970	95.65	ng	-0.01
23) Nitrobenzene-d5	7.42	82	524136	59.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	212908	91.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	991848	59.98	ng	-0.01
78) Terphenyl-d14	12.97	244	936530	61.16	ng	0.00

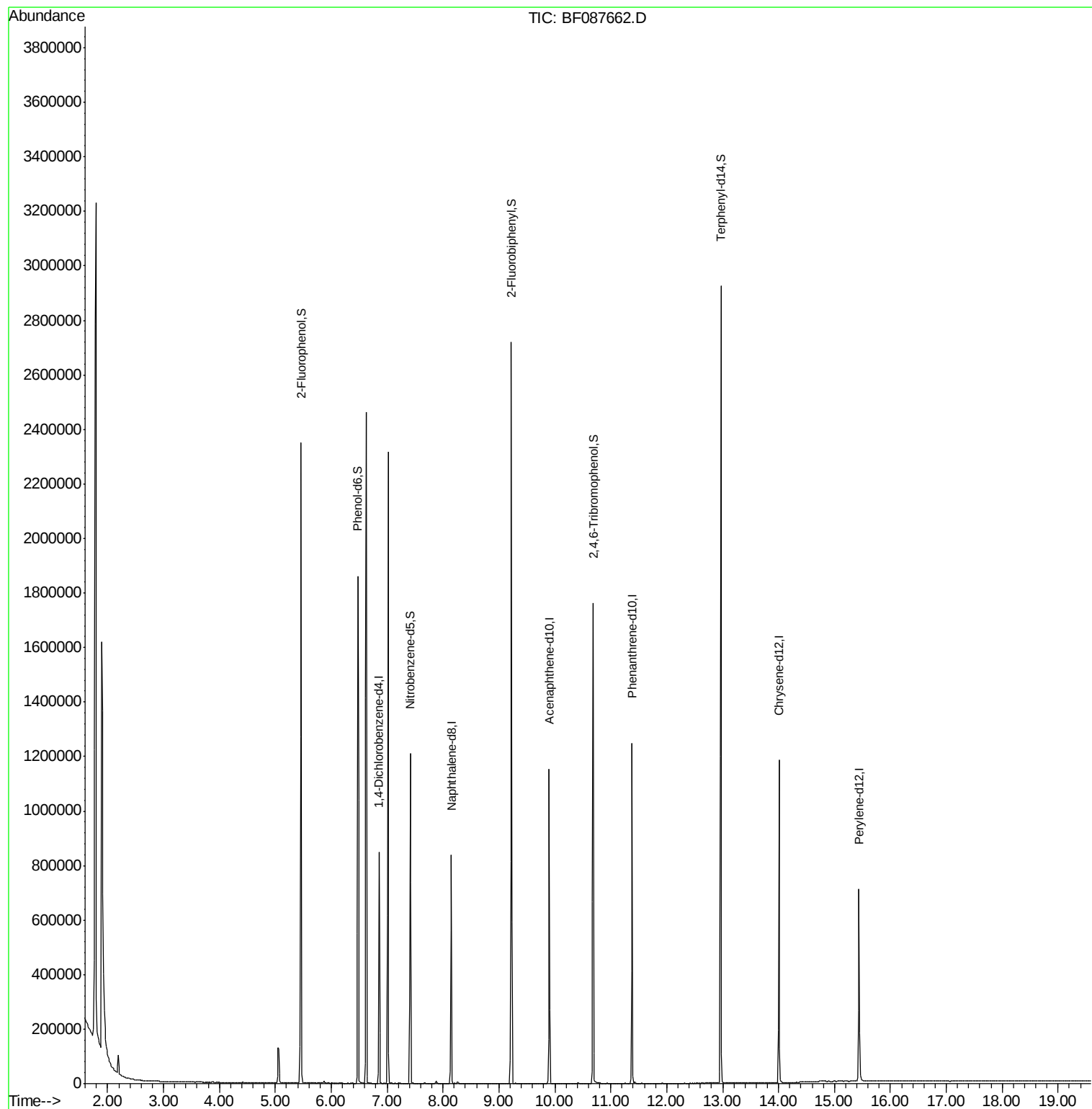
Target Compounds Qvalue

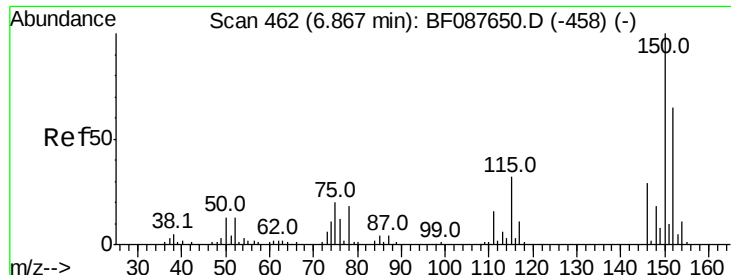
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087662.D

Acq: 4 Jun 2016 13:13

Instrument :

BNA_F

ClientSampleId :

PB91024BL

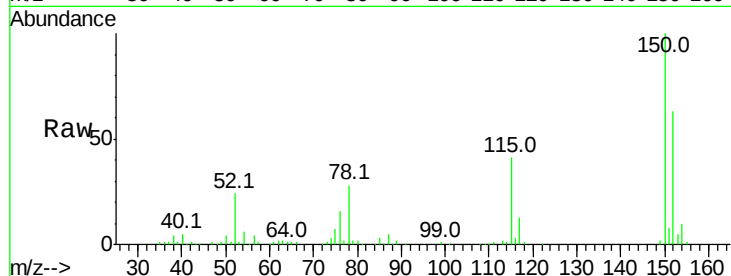
Tot Ion:152 Resp: 123154

Ion Ratio Lower Upper

152 100

150 157.6 123.8 185.6

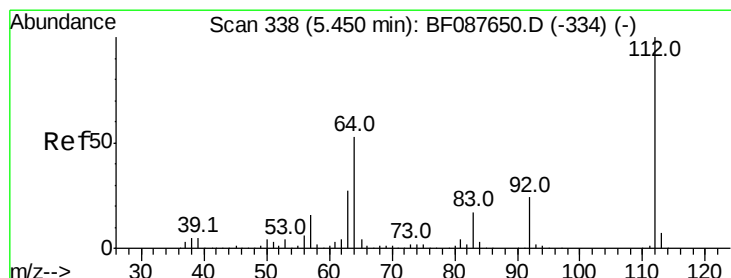
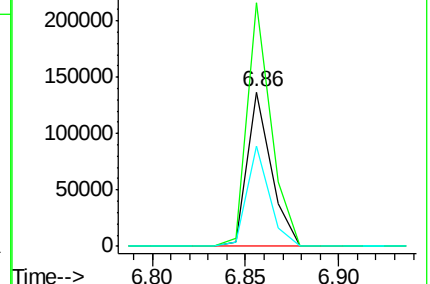
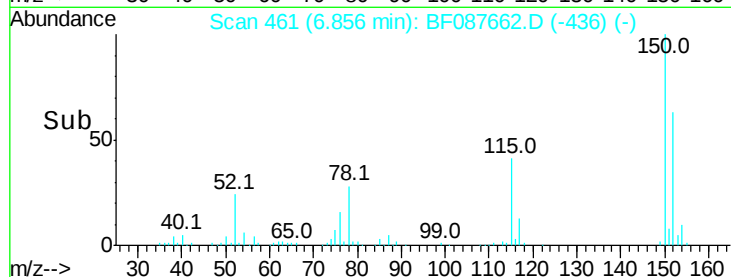
115 65.1 39.6 59.4#



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: 98.91 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087662.D

Acq: 4 Jun 2016 13:13

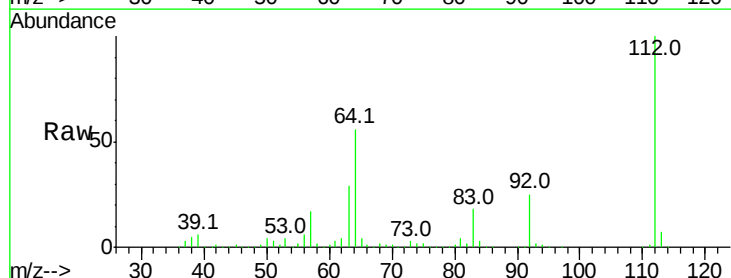
Tgt Ion:112 Resp: 753609

Ion Ratio Lower Upper

112 100

64 55.6 42.2 63.2

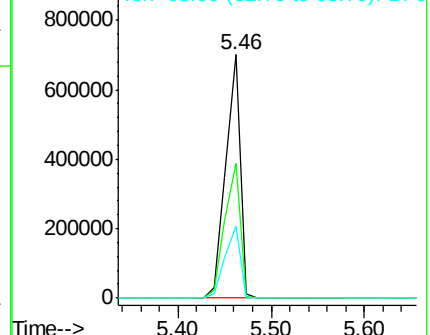
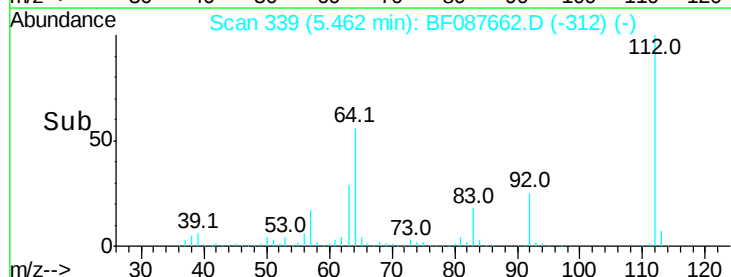
63 29.4 21.8 32.8

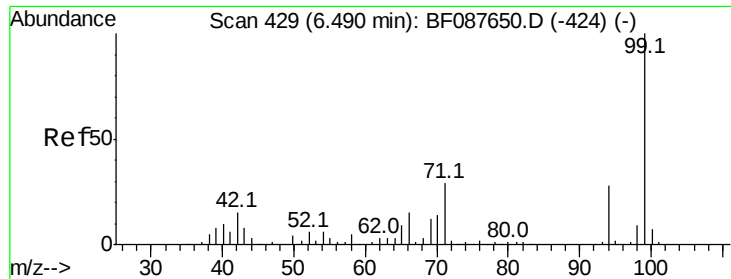


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.65 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087662.D

Acq: 4 Jun 2016 13:13

Instrument :

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ClientSampleId :

PB91024BL

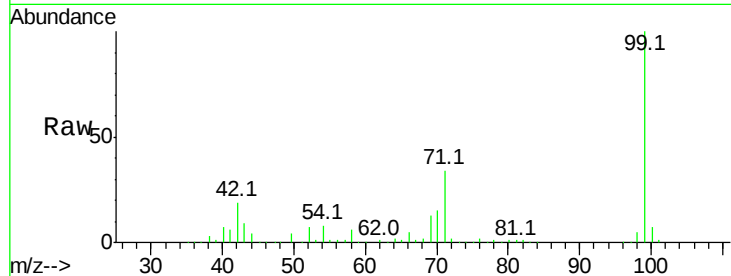
Tot Ion: 99 Resp: 913970

Ion Ratio Lower Upper

99 100

42 18.9 12.2 18.2#

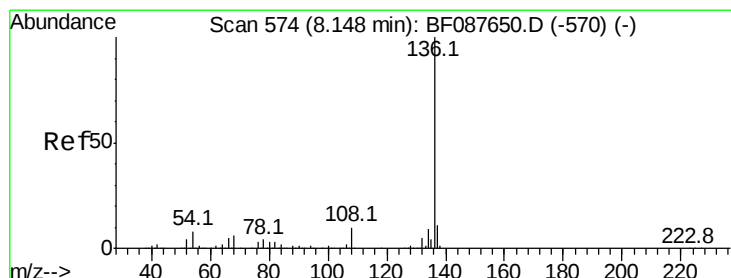
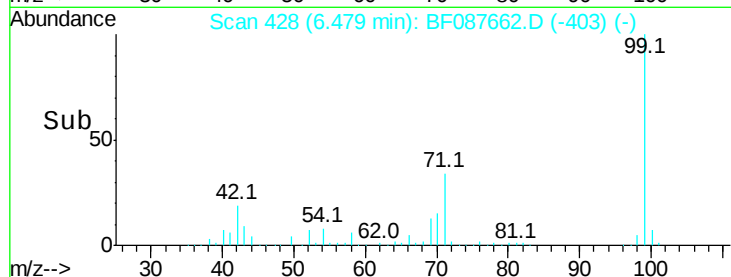
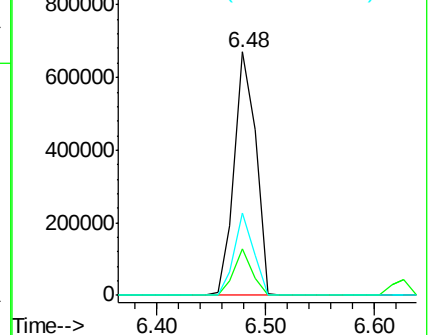
71 33.8 23.4 35.0



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: BF087662.D

Acq: 4 Jun 2016 13:13

Tgt Ion: 136 Resp: 508935

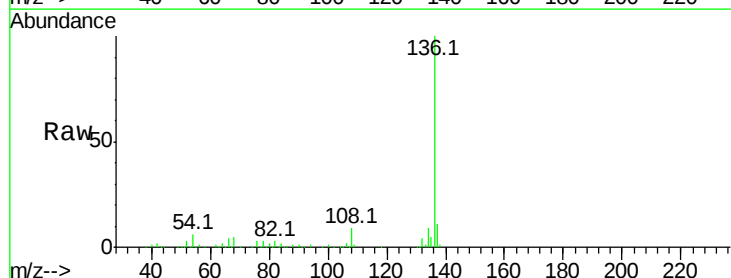
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 4.8 5.1 7.7#

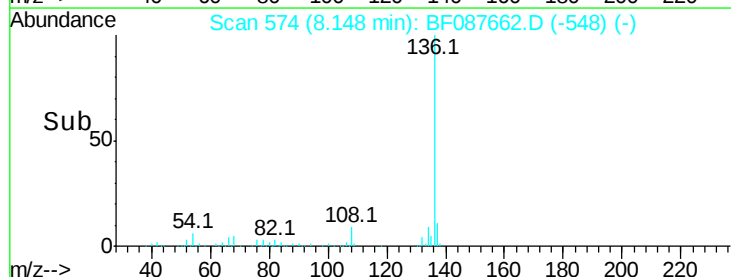
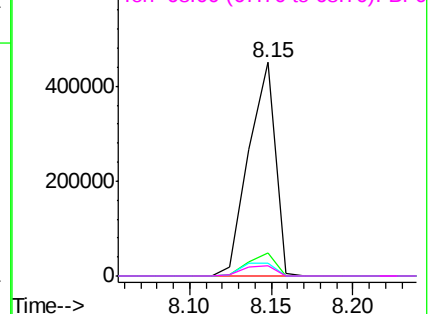


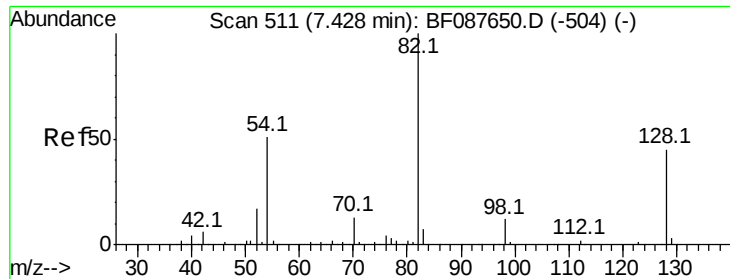
Abundance Ion 136.00 (135.70 to 136.70): E

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

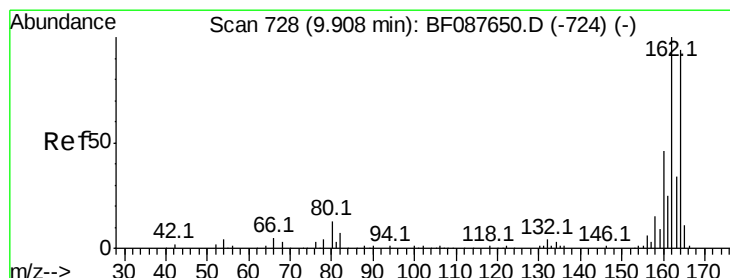
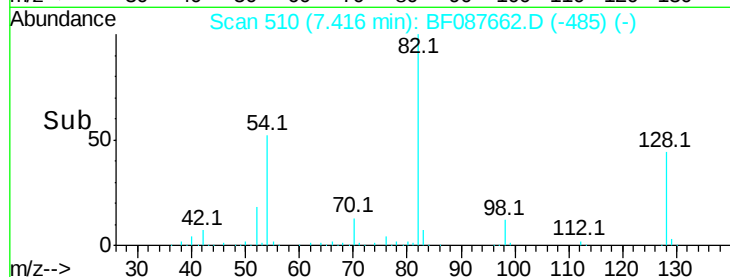
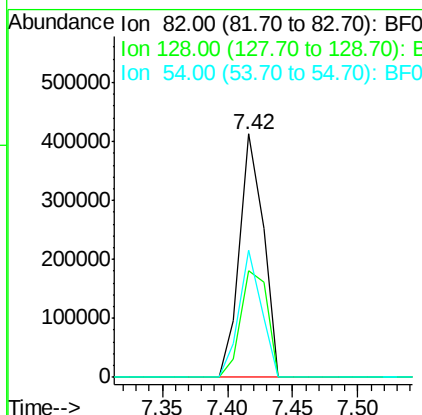
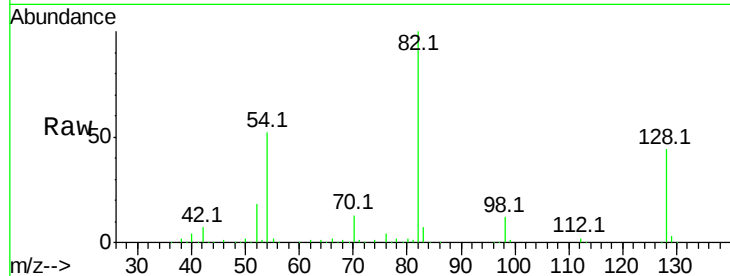




#23
 Nitrobenzene-d5
 Concen: 59.58 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087662.D
 Acq: 4 Jun 2016 13:13

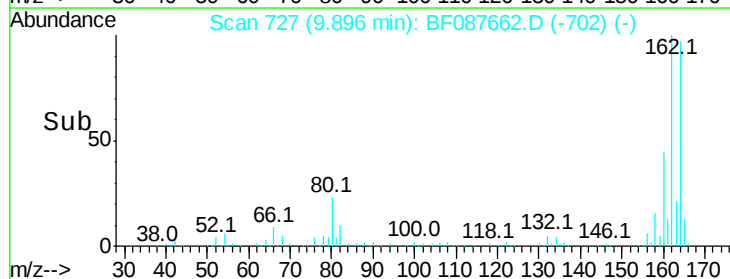
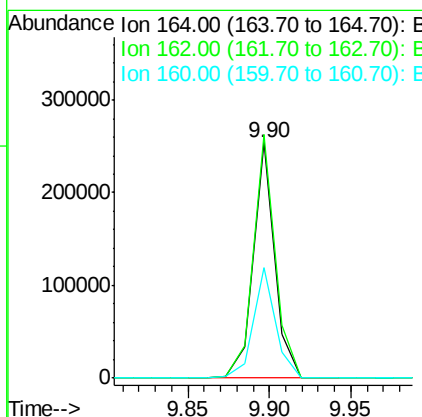
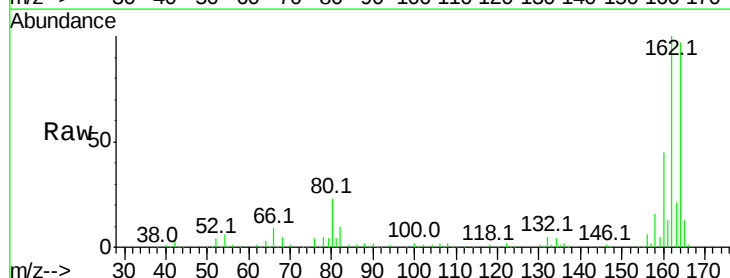
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BL

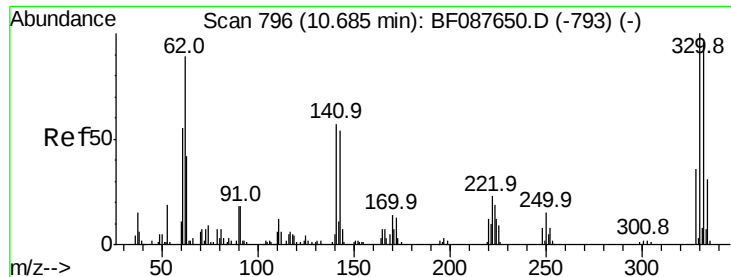
Tot Ion	82	Resp	524136
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.9	53.9
54	52.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087662.D
 Acq: 4 Jun 2016 13:13

Tgt Ion	164	Resp	231760
Ion Ratio	Lower	Upper	
164	100		
162	103.5	85.4	128.2
160	46.8	39.5	59.3

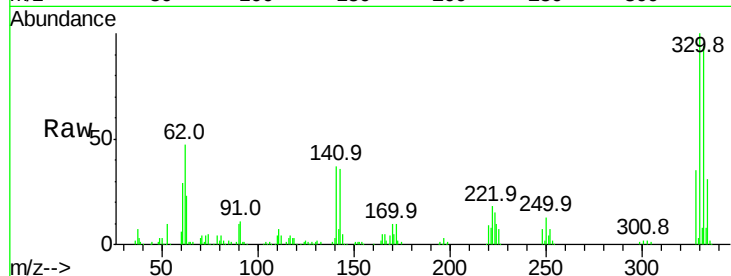




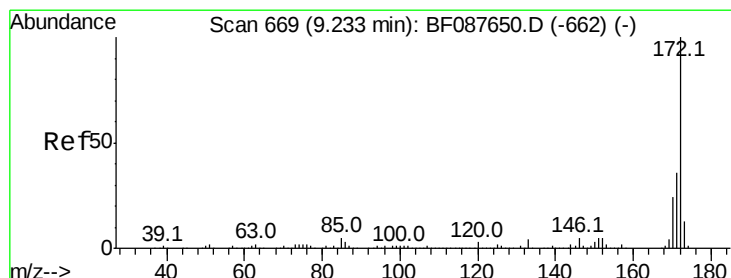
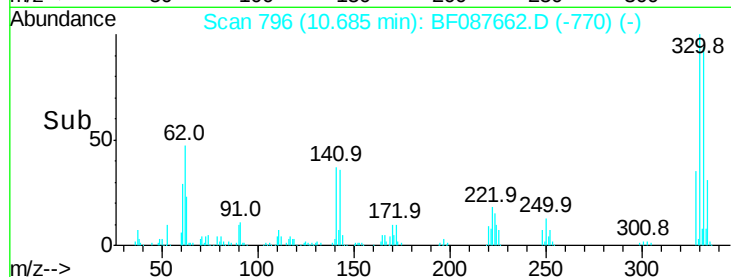
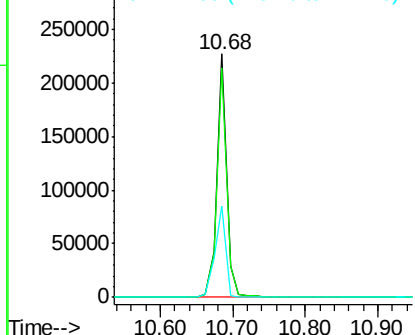
#41
 2,4,6-Tribromophenol
 Concen: 91.52 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087662.D
 Acq: 4 Jun 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BL

Tot Ion:330 Resp: 212908
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 41.0 0.0 0.0#

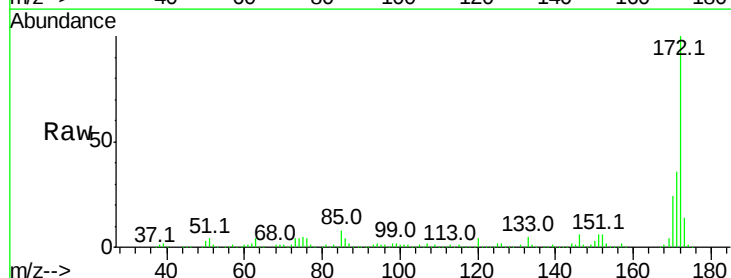


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

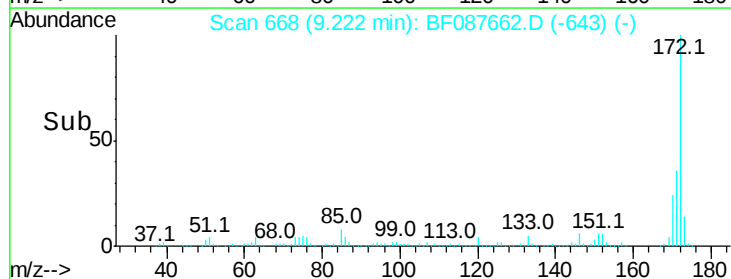
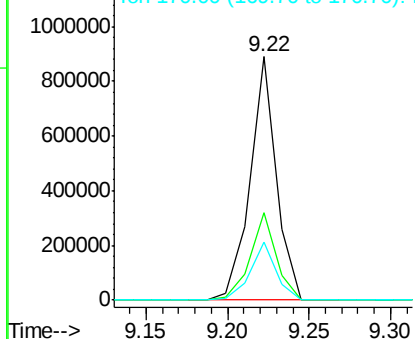


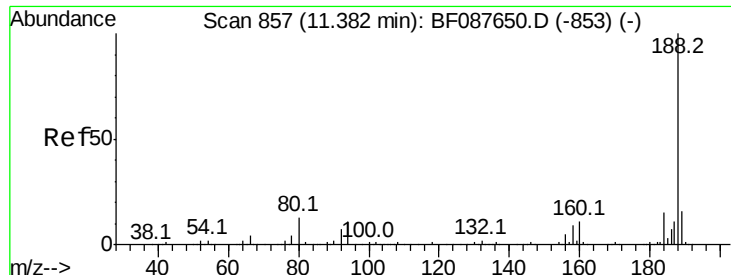
#44
 2-Fluorobiphenyl
 Concen: 59.98 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087662.D
 Acq: 4 Jun 2016 13:13

Tgt Ion:172 Resp: 991848
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 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

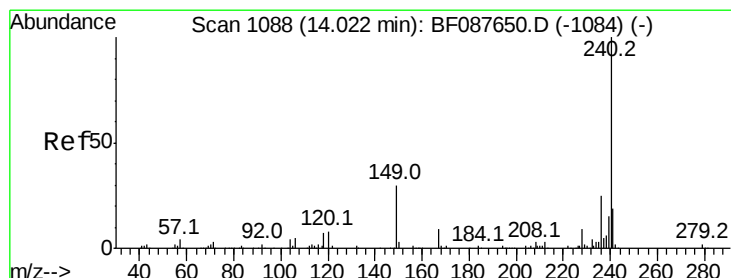
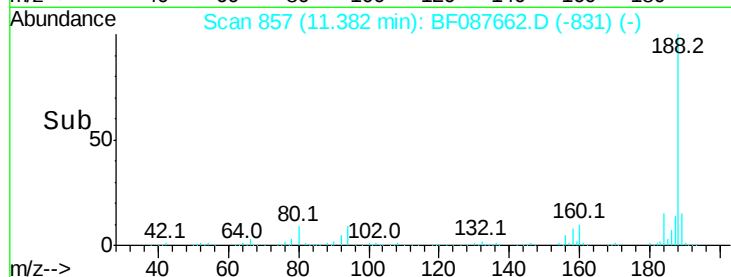
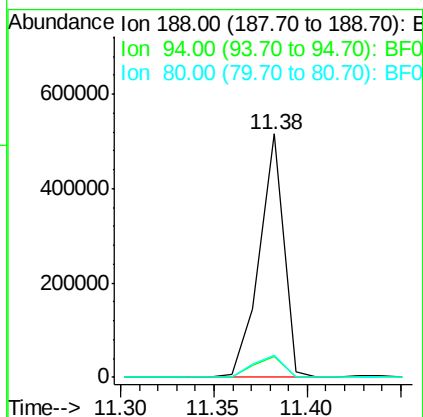
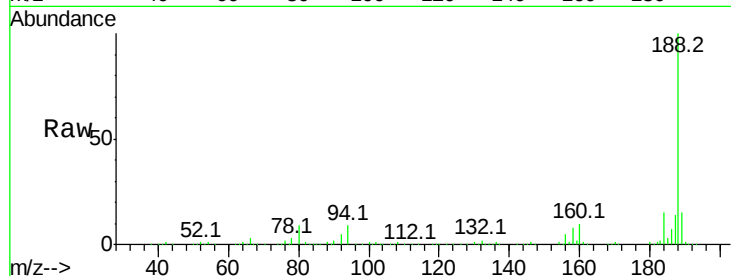




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087662.D
Acq: 4 Jun 2016 13:13

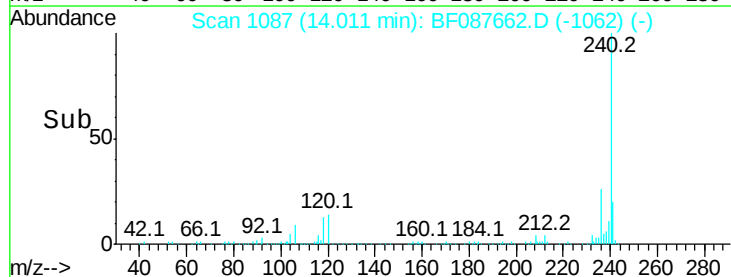
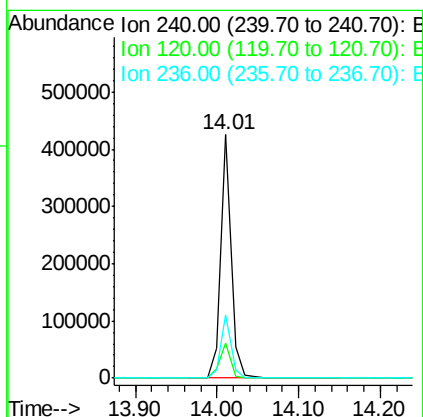
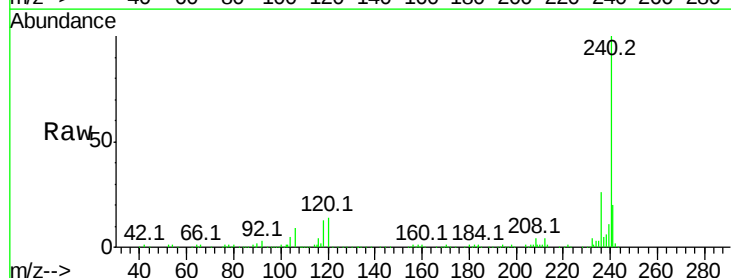
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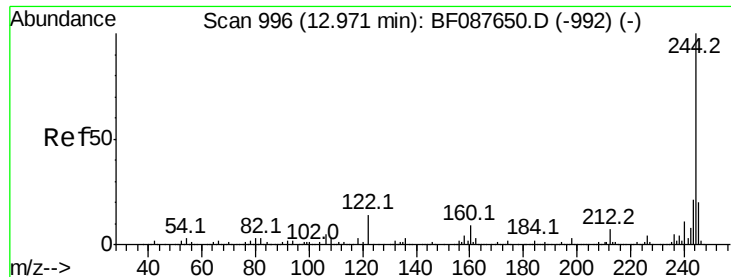
Tot Ion:188 Resp: 465557
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.6#
80 8.9 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087662.D
Acq: 4 Jun 2016 13:13

Tgt Ion:240 Resp: 373645
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 26.0 20.2 30.2

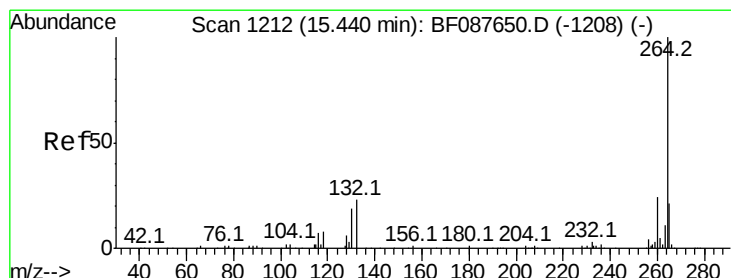
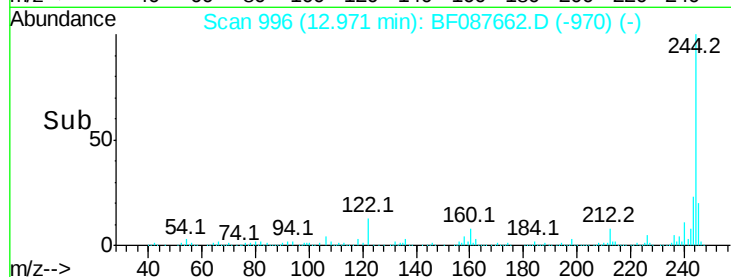
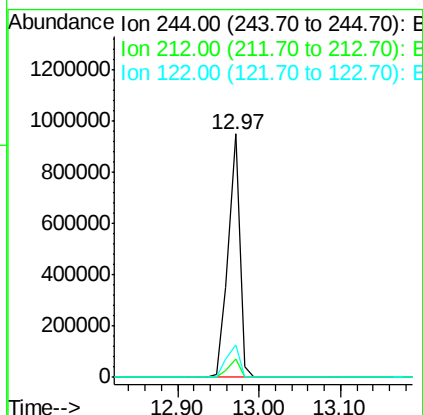
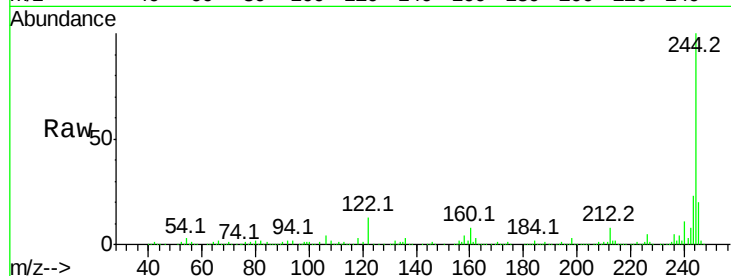




#78
 Terphenyl-d14
 Concen: 61.16 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087662.D
 Acq: 4 Jun 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BL

Tot Ion:244 Resp: 936530
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.2 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: BF087662.D
 Acq: 4 Jun 2016 13:13

Tgt Ion:264 Resp: 302201
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.0 16.9 25.3

