

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087664.D
 Acq On : 4 Jun 2016 14:13
 Operator : UM/SJ
 Sample : PB91070BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91070BL

Quant Time: Jun 05 01:27:04 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	115987	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	479729	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	210444	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	432654	20.00	ng	0.00
75) Chrysene-d12	14.01	240	355107	20.00	ng	-0.01
86) Perylene-d12	15.44	264	268299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	696173	97.01	ng	0.01
7) Phenol-d6	6.48	99	719368	79.93	ng	-0.01
23) Nitrobenzene-d5	7.42	82	436052	52.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	190408	90.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	880980	58.35	ng	-0.01
78) Terphenyl-d14	12.97	244	871116	59.86	ng	0.00

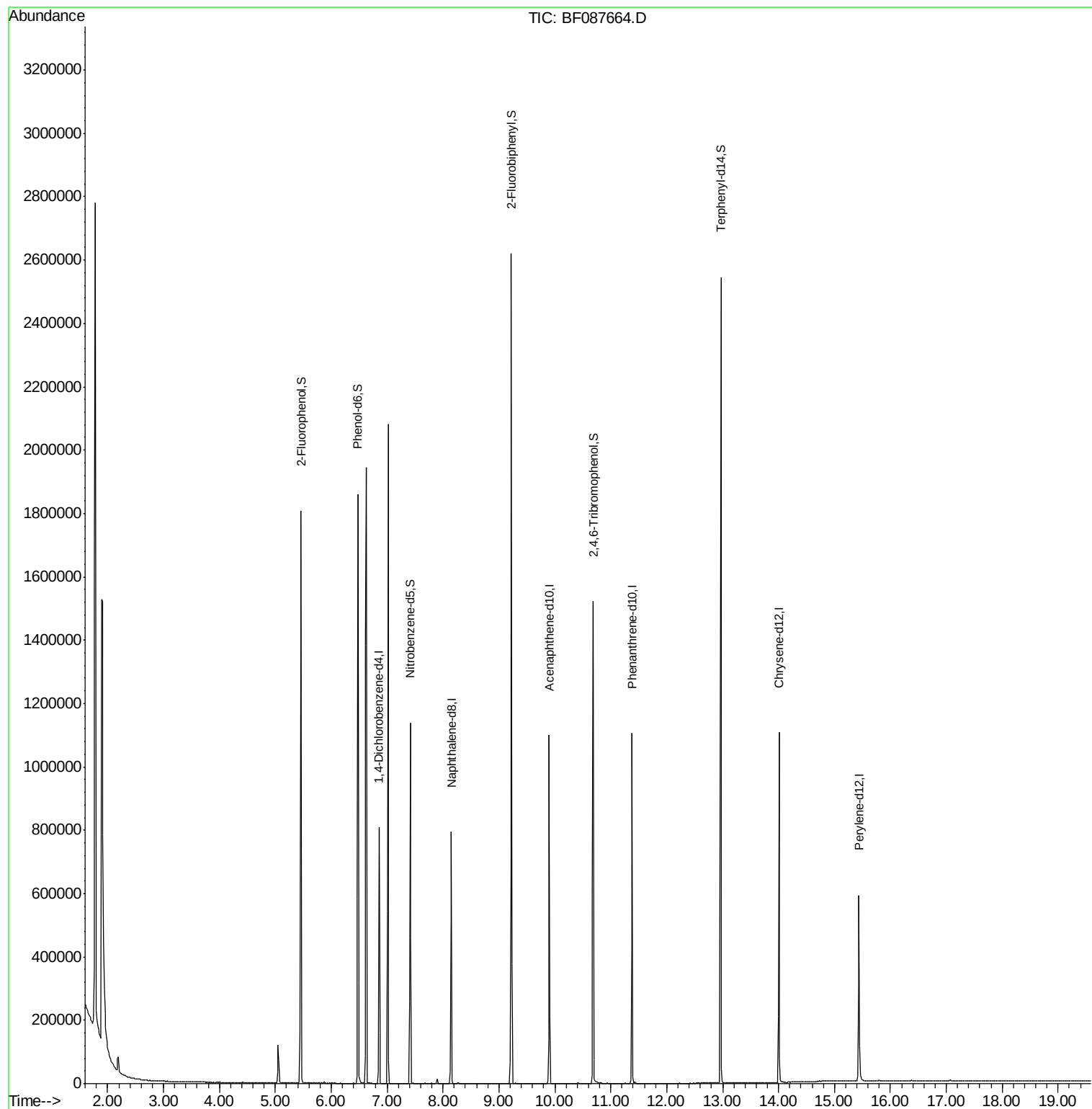
Target Compounds Qvalue

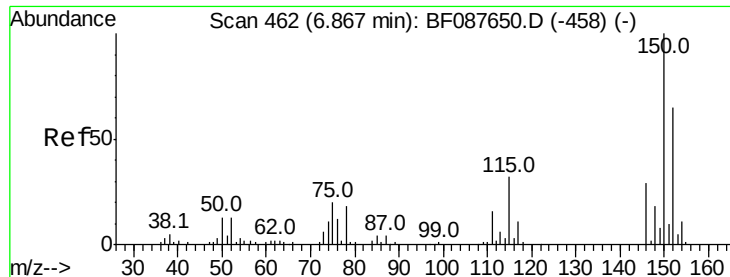
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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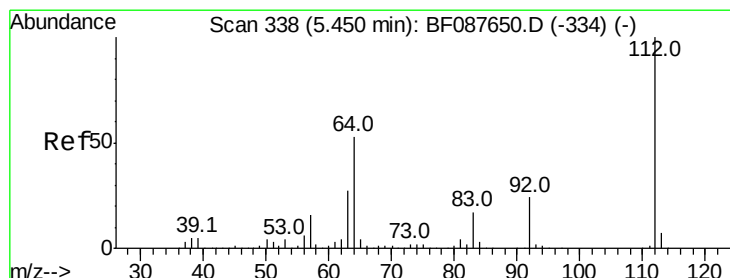
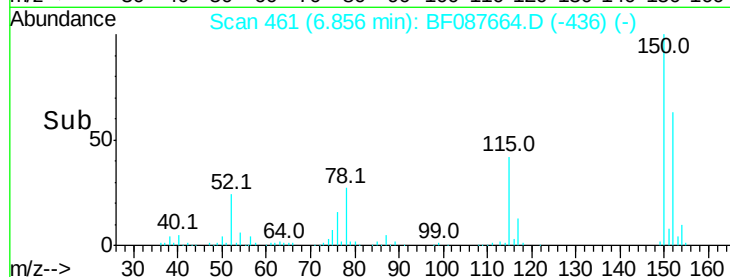
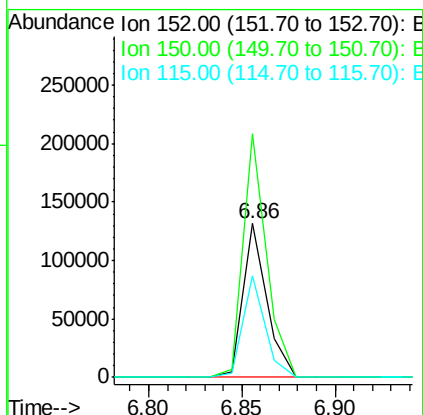
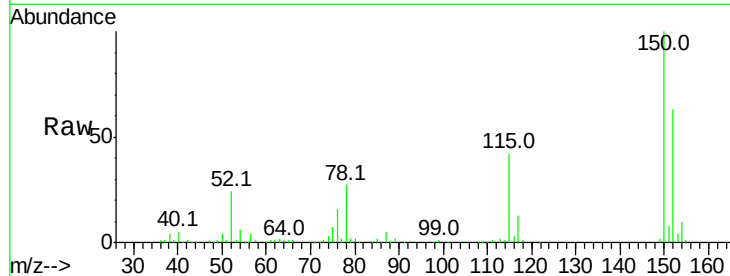


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91070BL

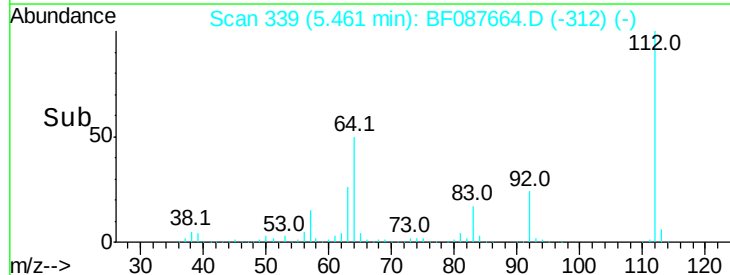
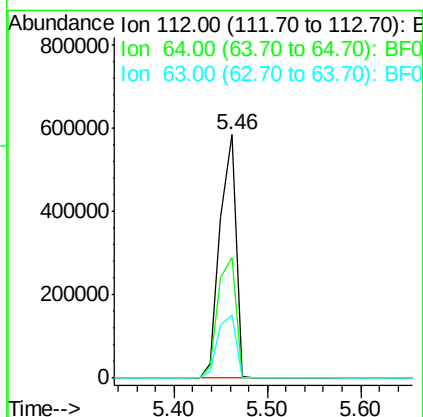
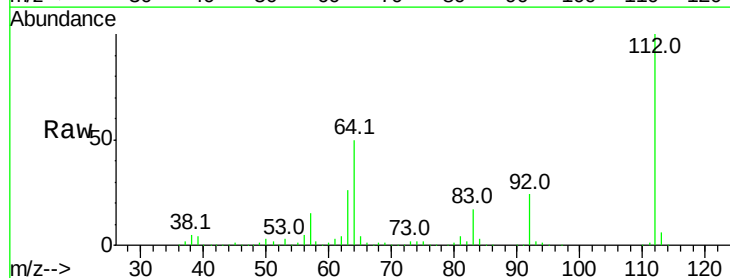
Tot Ion:152 Resp: 115987
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.8 185.6
 115 66.1 39.6 59.4#

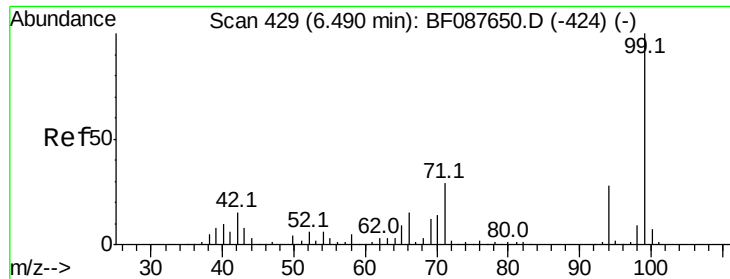


#5

2-Fluorophenol
 Concen: 97.01 ng
 RT: 5.46 min Scan# 339
 Delta R.T. 0.01 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Tgt Ion:112 Resp: 696173
 Ion Ratio Lower Upper
 112 100
 64 49.5 42.2 63.2
 63 25.7 21.8 32.8





#7

Phenol-d6

Concen: 79.93 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087664.D

Acq: 4 Jun 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB91070BL

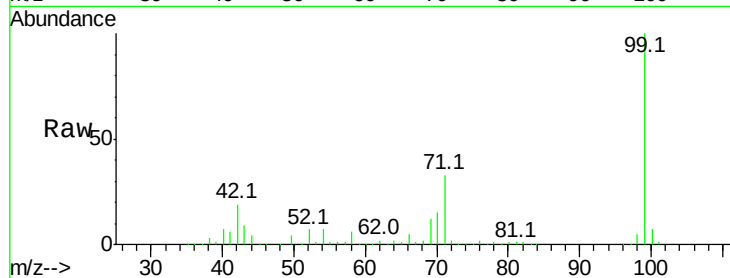
Tot Ion: 99 Resp: 719368

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

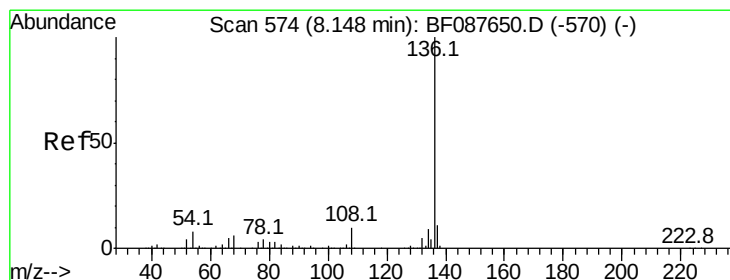
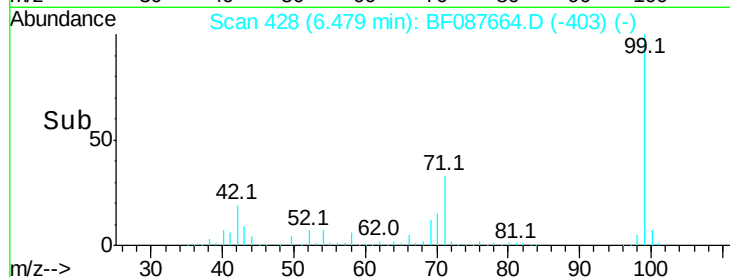
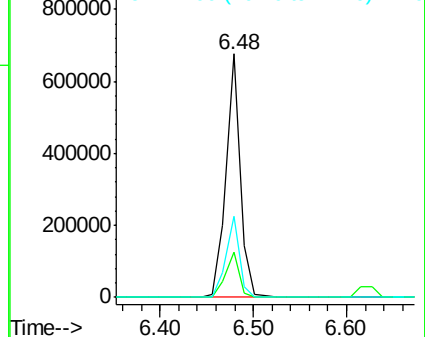
71 33.3 23.4 35.0



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: BF087664.D

Acq: 4 Jun 2016 14:13

Tgt Ion: 136 Resp: 479729

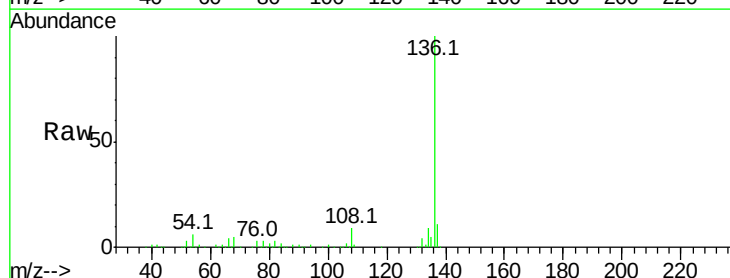
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 4.7 5.1 7.7#

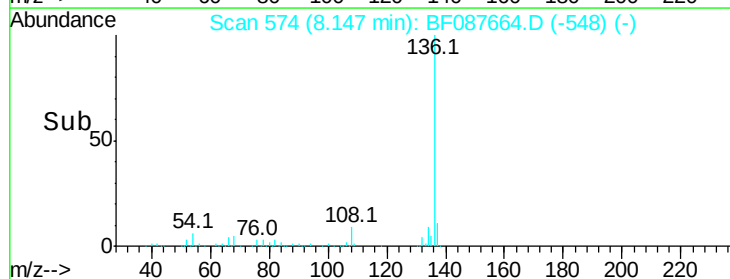
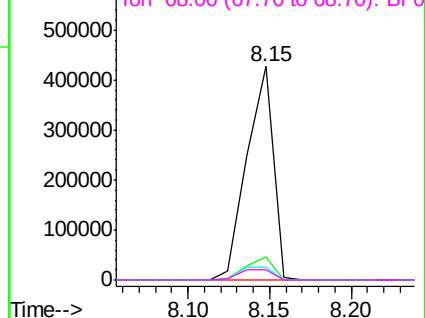


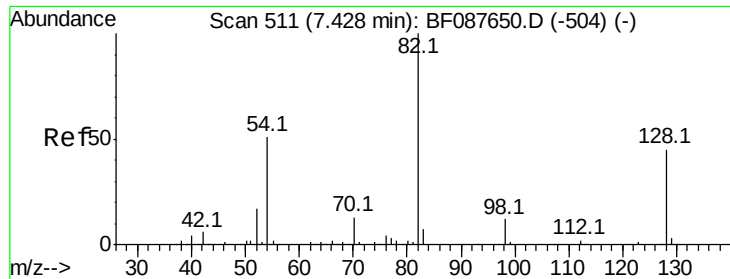
Abundance Ion 136.00 (135.70 to 136.70): E

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

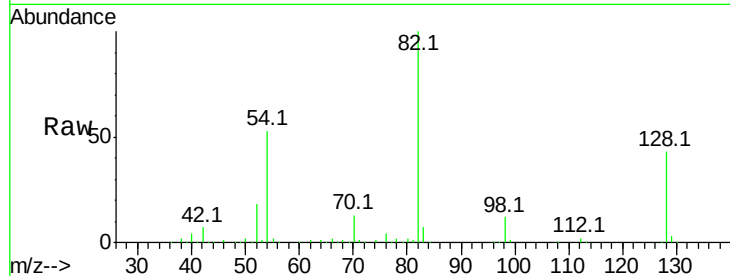




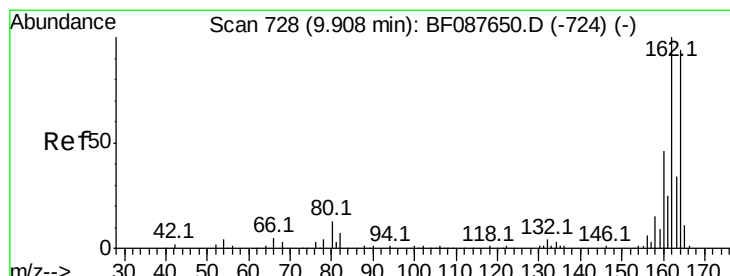
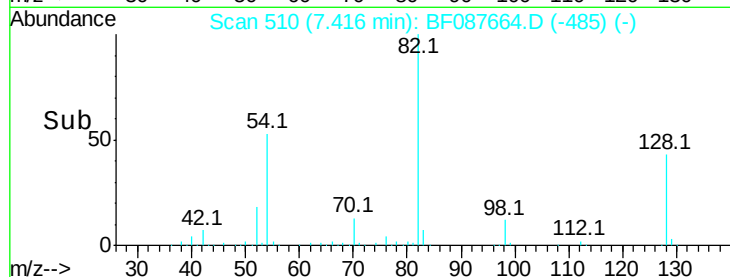
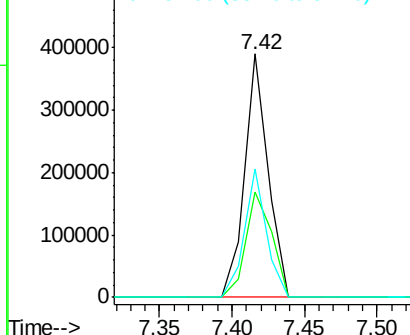
#23
 Nitrobenzene-d5
 Concen: 52.59 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91070BL

Tot Ion: 82 Resp: 436052
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.9 53.9
 54 52.7 40.9 61.3

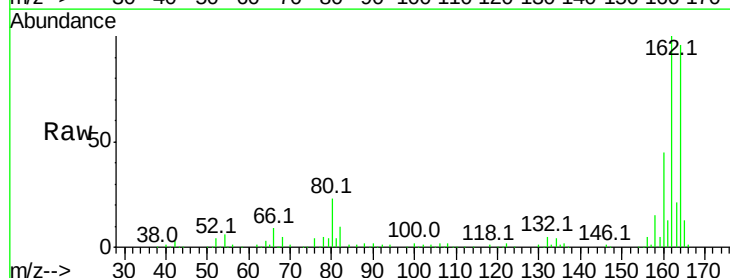


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

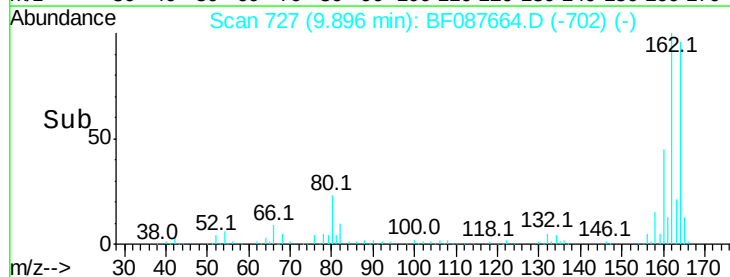
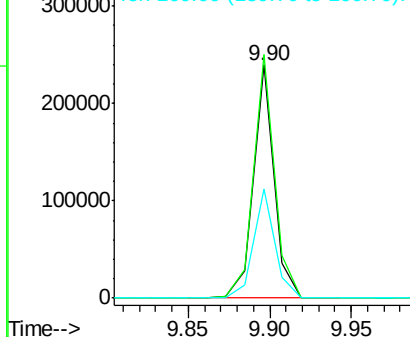


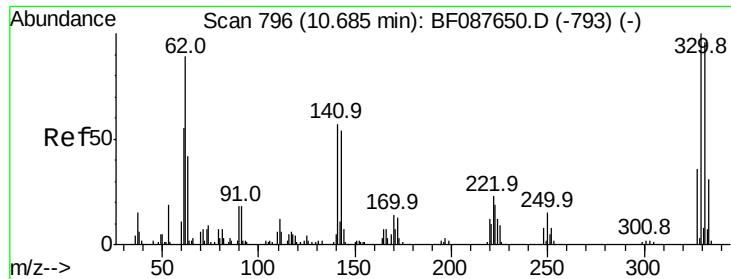
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Tgt Ion: 164 Resp: 210444
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 47.1 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

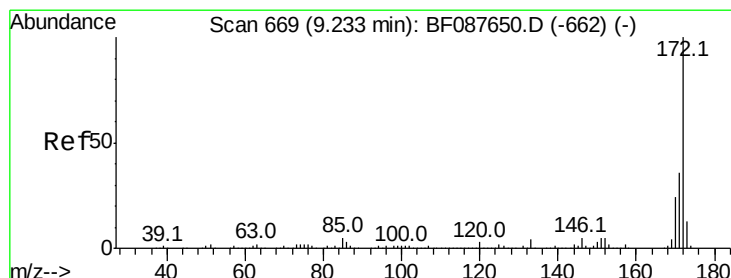
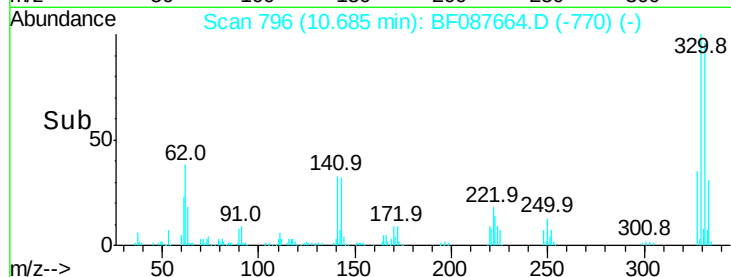
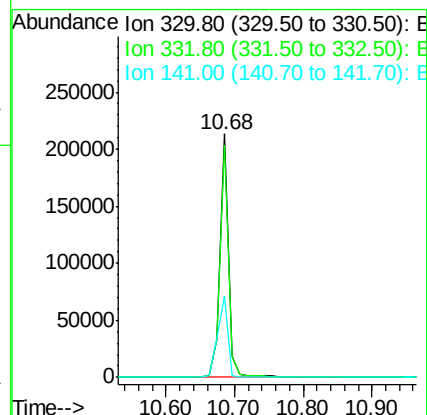
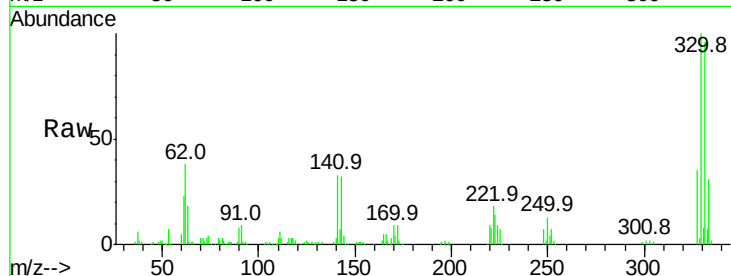




#41
 2,4,6-Tribromophenol
 Concen: 90.14 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

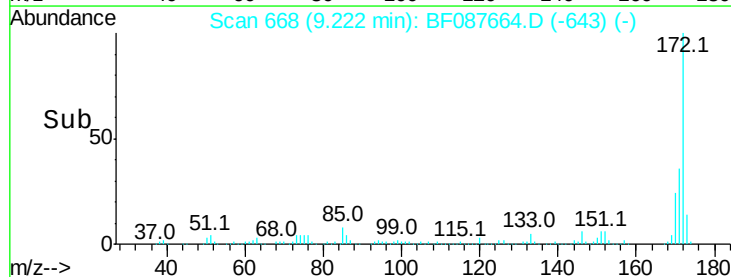
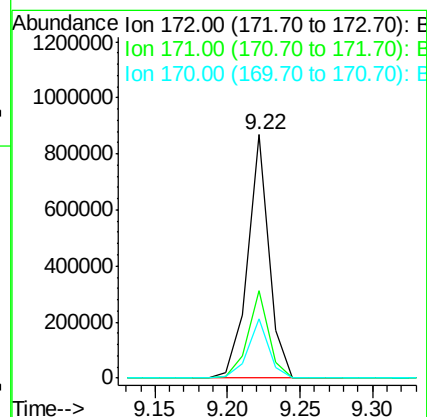
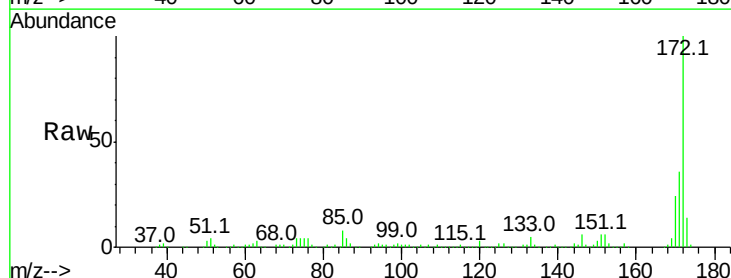
Instrument :
 BNA_F
 ClientSampleId :
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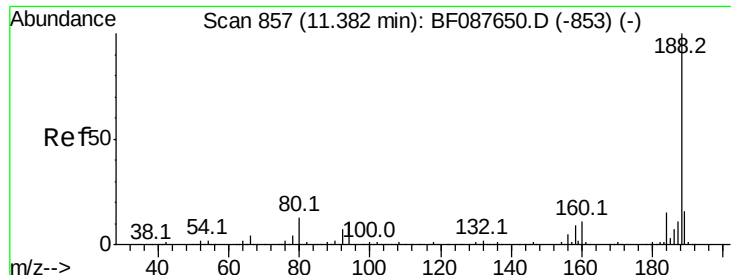
Tot Ion:330 Resp: 190408
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 39.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 58.35 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Tgt Ion:172 Resp: 880980
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.1 19.2 28.8

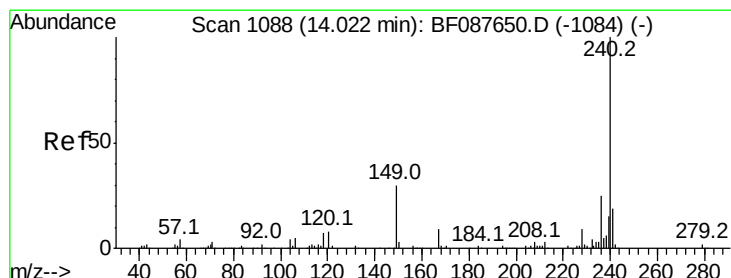
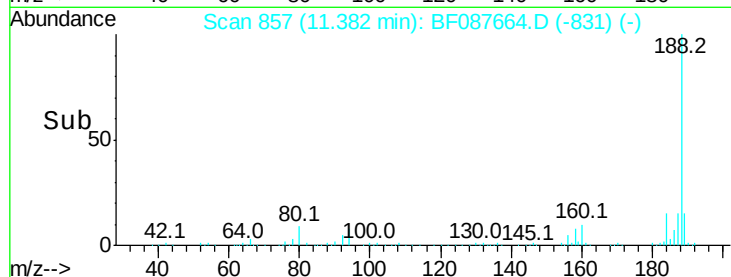
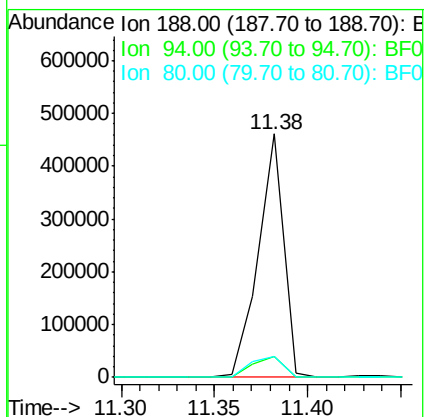
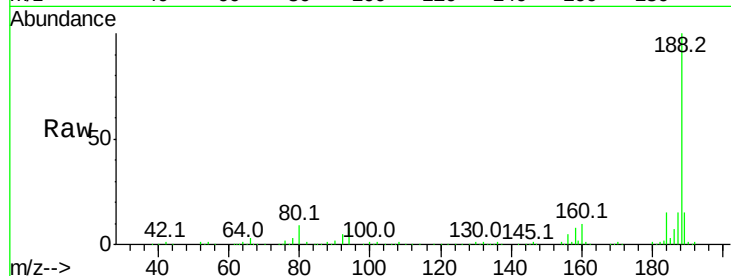




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087664.D
Acq: 4 Jun 2016 14:13

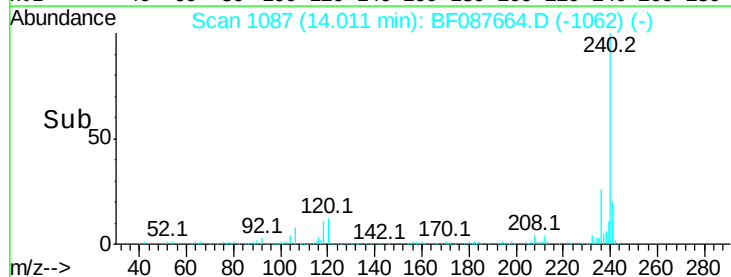
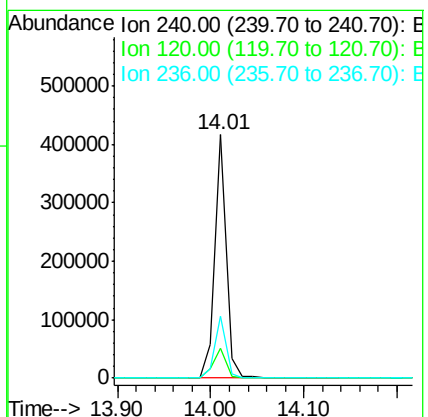
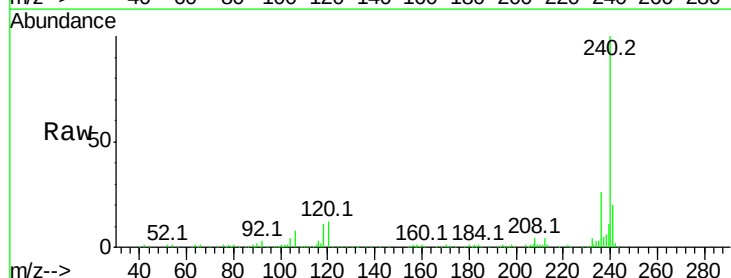
Instrument :
BNA_F
ClientSampleId :
PB91070BL

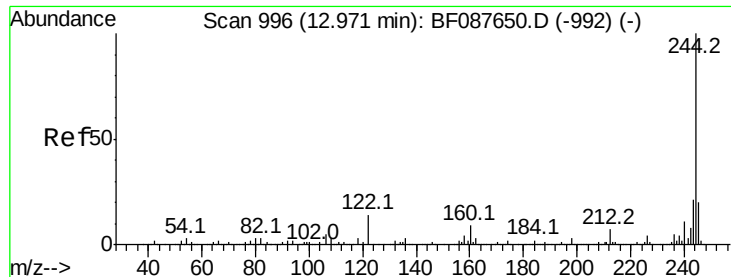
Tot Ion:188 Resp: 432654
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.6#
80 8.6 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087664.D
Acq: 4 Jun 2016 14:13

Tgt Ion:240 Resp: 355107
Ion Ratio Lower Upper
240 100
120 12.1 6.8 10.2#
236 25.6 20.2 30.2

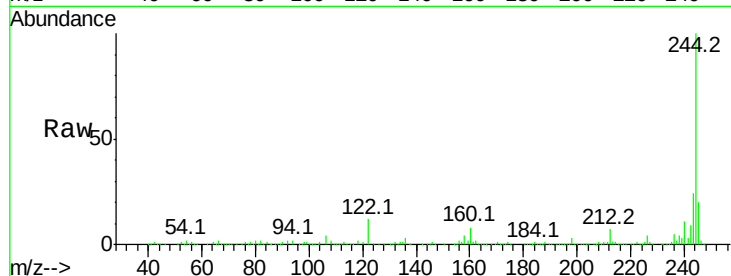




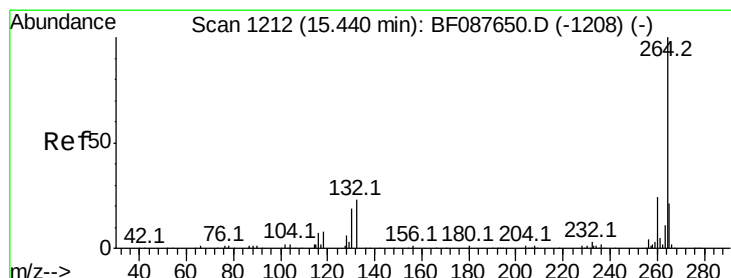
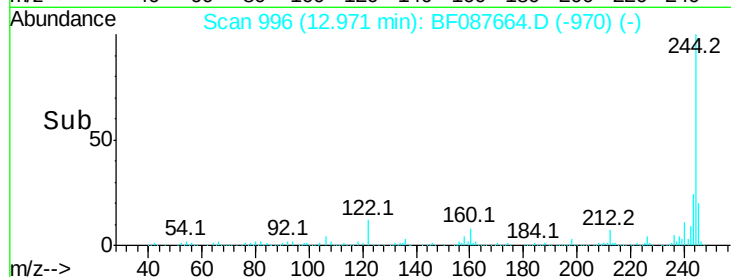
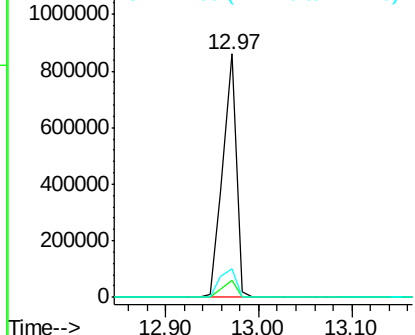
#78
 Terphenyl-d14
 Concen: 59.86 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91070BL

Tot Ion:244 Resp: 871116
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.6 11.2 16.8

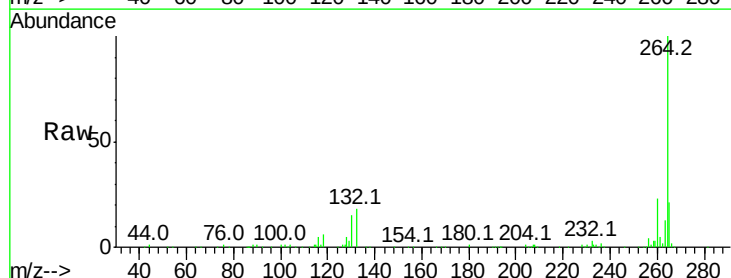


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087664.D
 Acq: 4 Jun 2016 14:13

Tgt Ion:264 Resp: 268299
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

