

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087927.D
 Acq On : 12 Jun 2016 4:23
 Operator : UM/SJ
 Sample : PB91249BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BL

Quant Time: Jun 12 06:08:02 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	6.80	152	111968	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	455840	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	184545	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	384152	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	327350	20.00	ng	-0.03
86) Perylene-d12	15.37	264	269311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	836998	127.79	ng	-0.03
7) Phenol-d6	6.43	99	946364	119.23	ng	-0.05
23) Nitrobenzene-d5	7.37	82	656425	84.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	215286	110.48	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	950749	80.65	ng	-0.05
78) Terphenyl-d14	12.91	244	946543	65.80	ng	-0.03

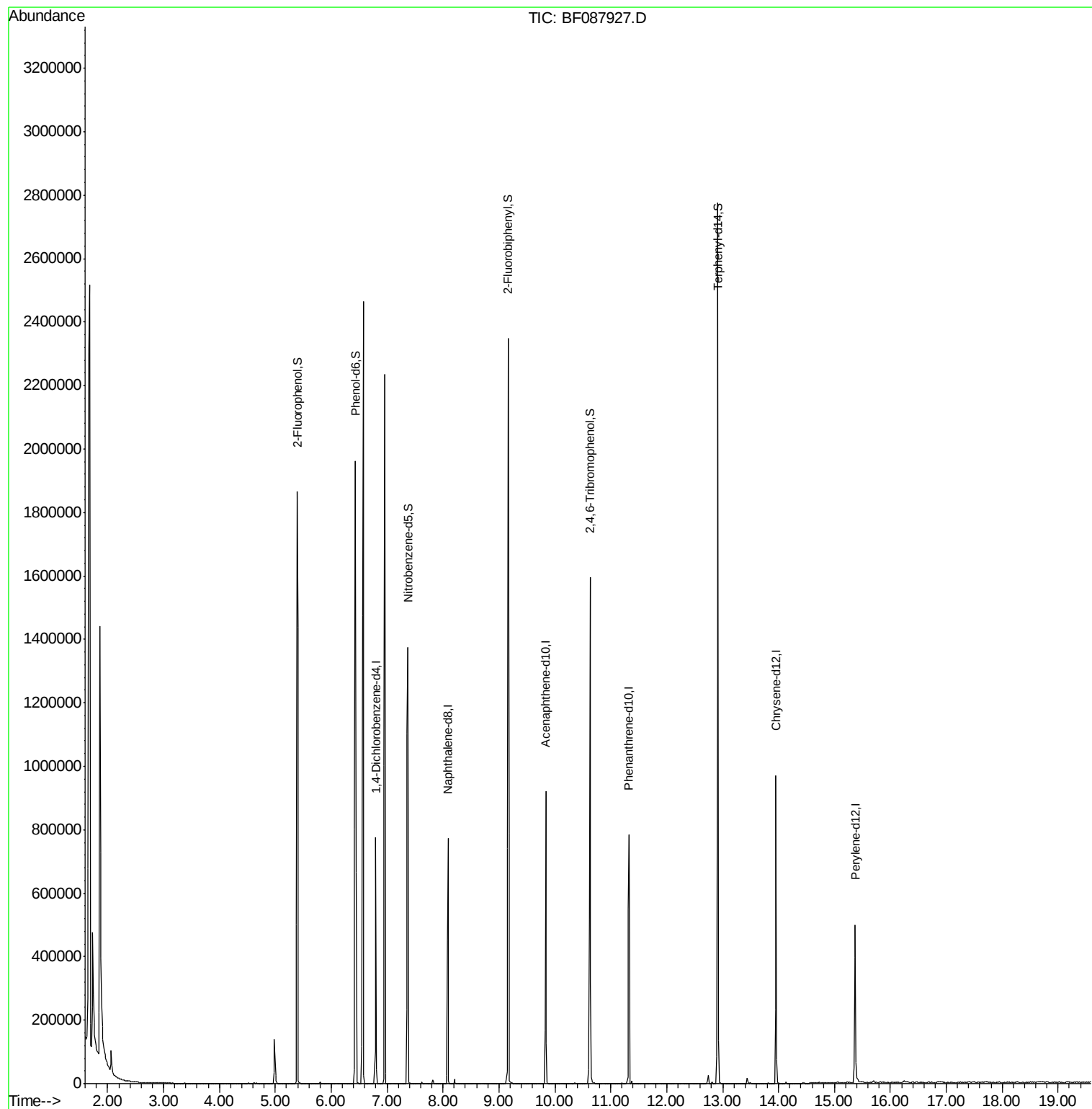
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087927.D

Acq: 12 Jun 2016 4:23

Instrument :

BNA_F

ClientSampleId :

PB91249BL

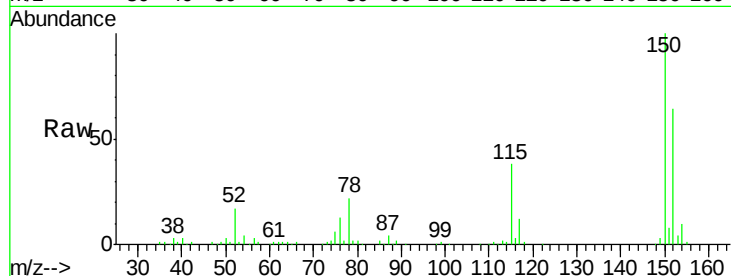
Tot Ion:152 Resp: 111968

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

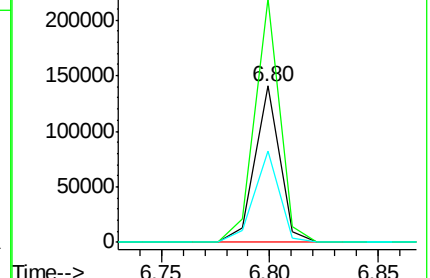
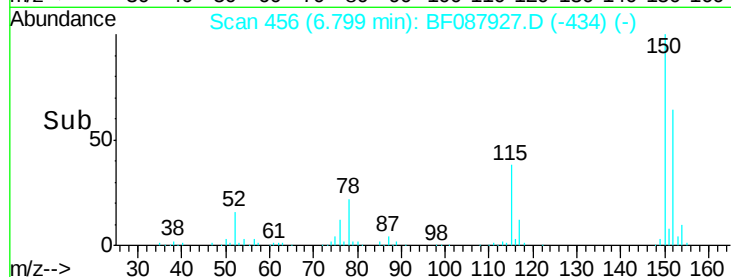
115 58.5 39.6 59.4



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: 127.79 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087927.D

Acq: 12 Jun 2016 4:23

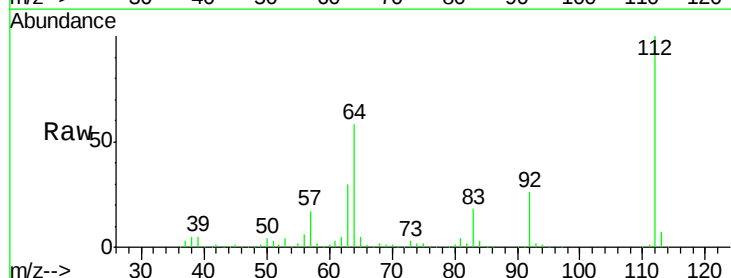
Tgt Ion:112 Resp: 836998

Ion Ratio Lower Upper

112 100

64 57.6 42.2 63.2

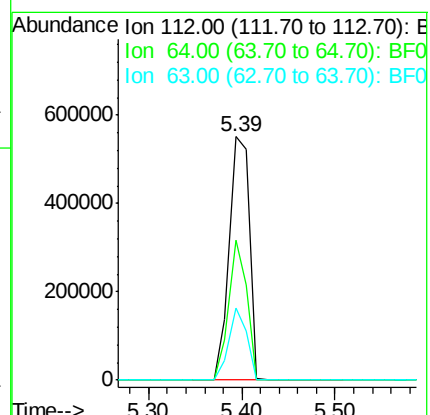
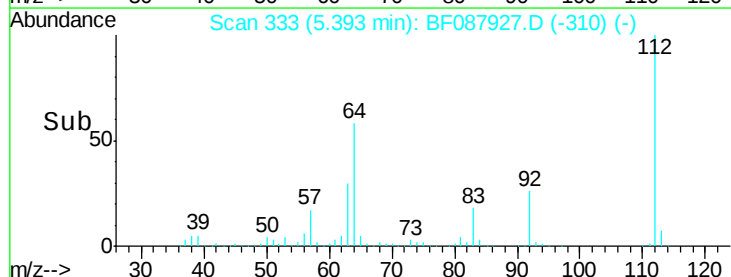
63 29.6 21.8 32.8



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: 119.23 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087927.D

Acq: 12 Jun 2016 4:23

Instrument :

BNA_F

ClientSampleId :

PB91249BL

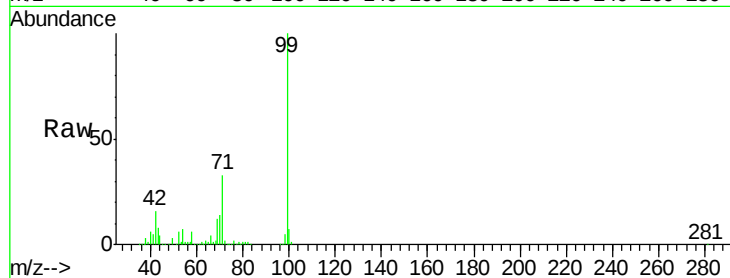
Tot Ion: 99 Resp: 946364

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

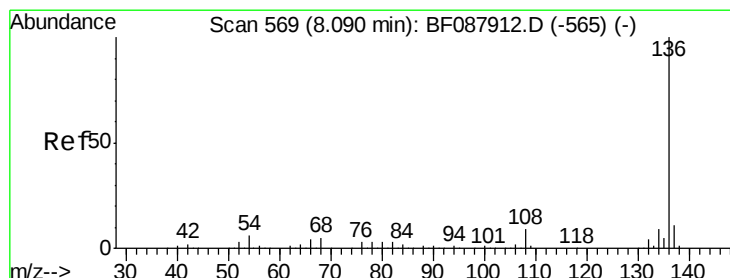
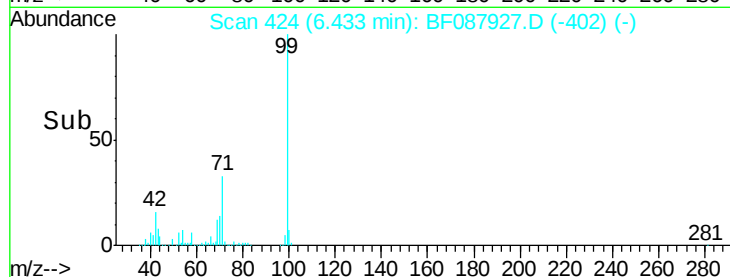
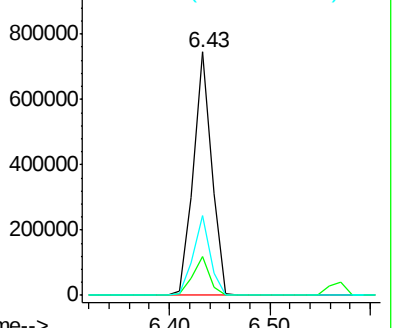
71 32.8 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087927.D

Acq: 12 Jun 2016 4:23

Tgt Ion: 136 Resp: 455840

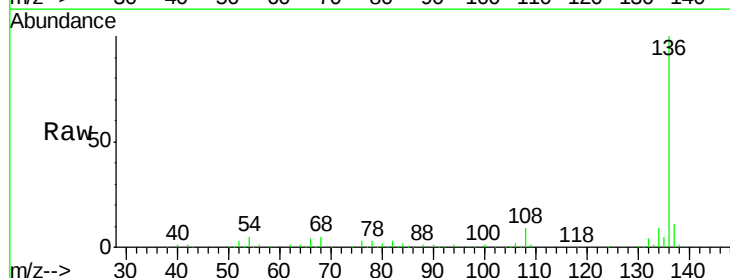
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

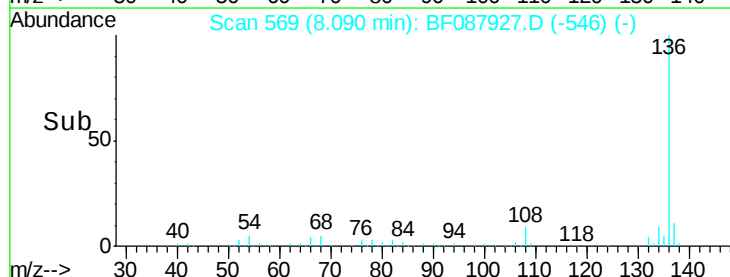
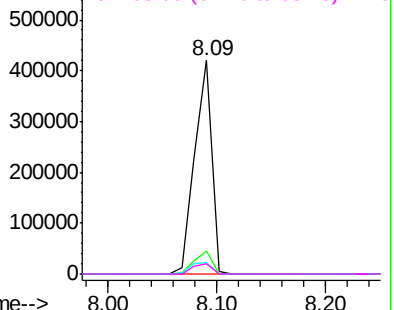


Abundance Ion 136.00 (135.70 to 136.70): E

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

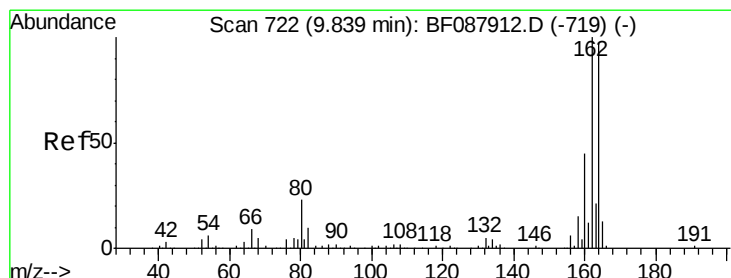
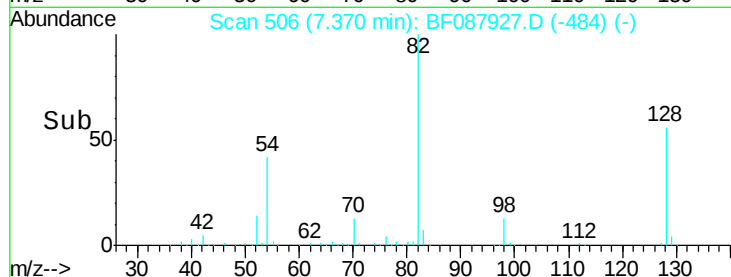
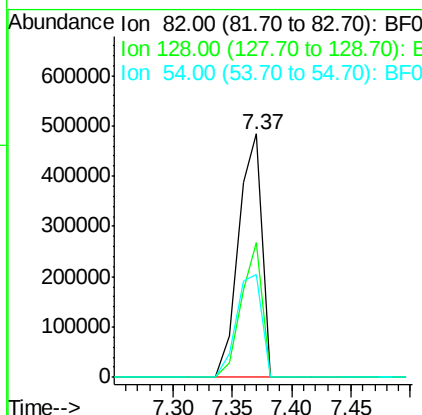
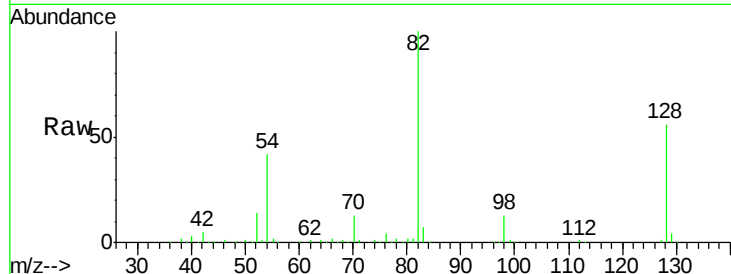




#23
 Nitrobenzene-d5
 Concen: 84.09 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

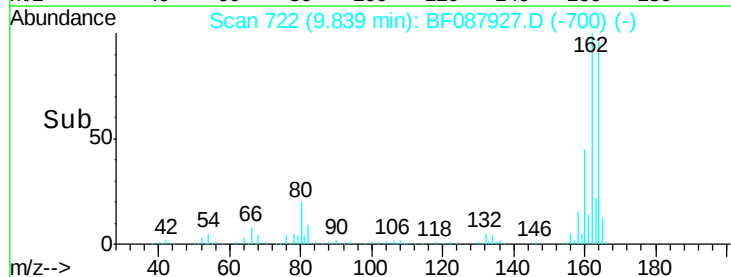
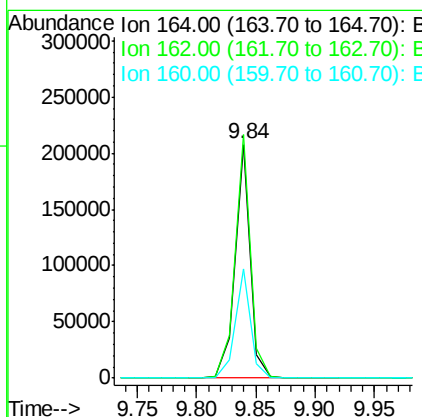
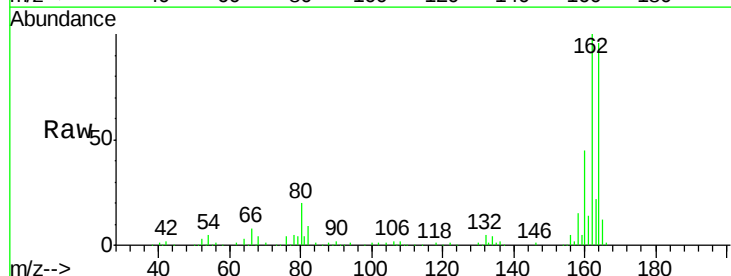
Instrument :
 BNA_F
 ClientSampleID :
 PB91249BL

Tot Ion	82	Resp	656425
Ion Ratio	100	Lower	Upper
128	55.6	35.9	53.9#
54	42.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

Tgt Ion	164	Resp	184545
Ion Ratio	100	Lower	Upper
162	104.3	85.4	128.2
160	46.6	39.5	59.3

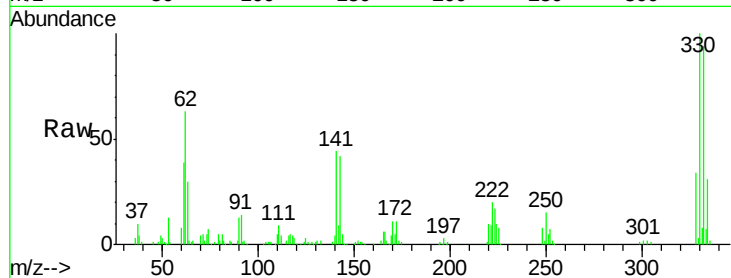




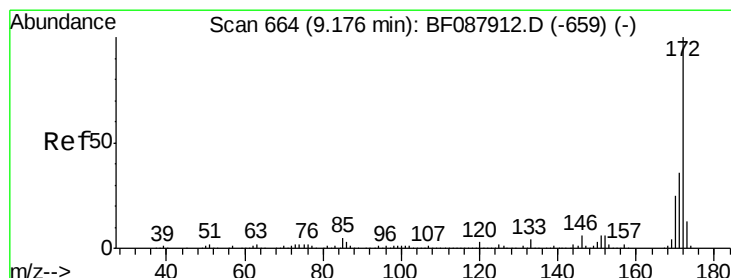
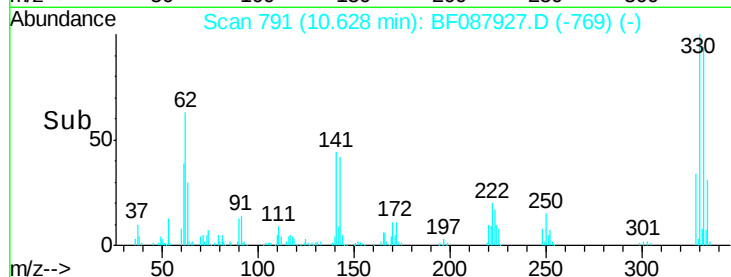
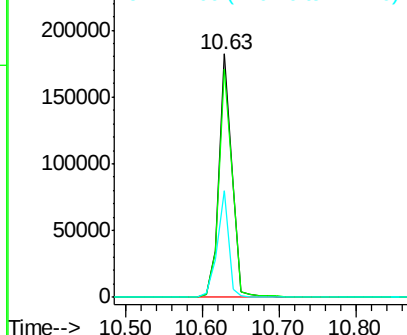
#41
 2,4,6-Tribromophenol
 Concen: 110.48 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

Instrument :
 BNA_F
 ClientSampleID :
 PB91249BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.1	0.0	0.0#

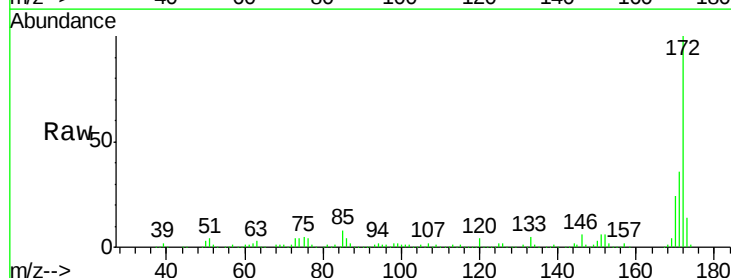


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

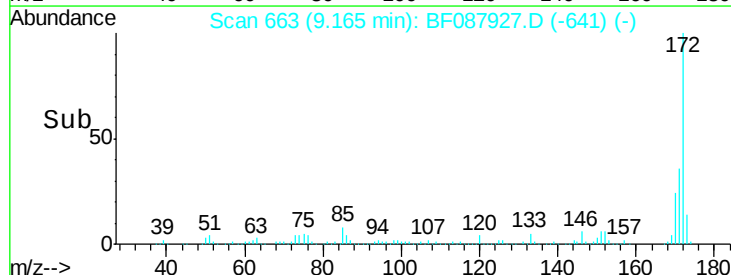
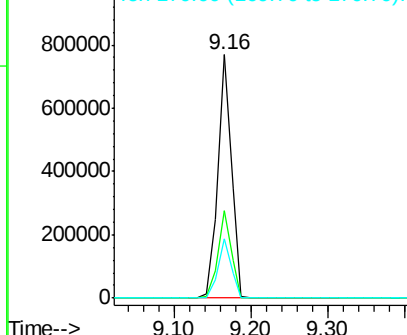


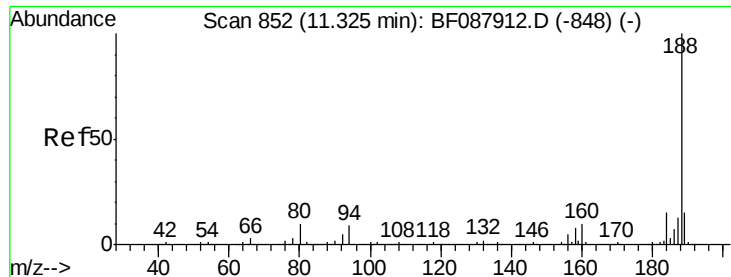
#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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

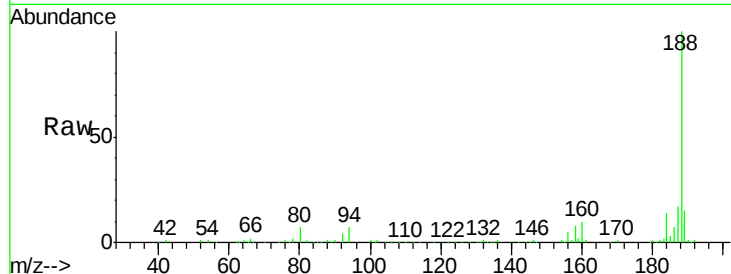




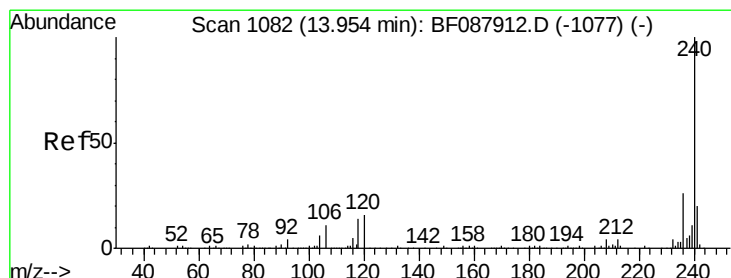
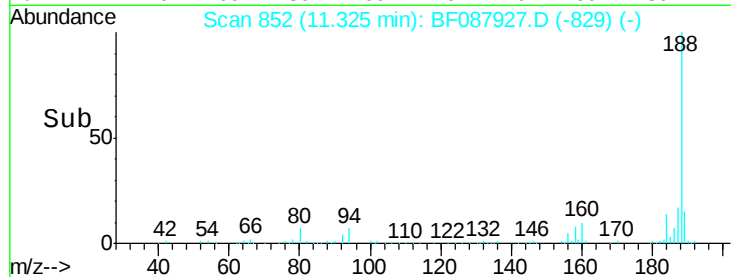
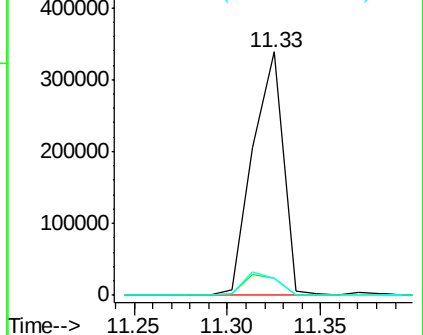
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Instrument :
BNA_F
ClientSampleId :
PB91249BL

Tot Ion:188 Resp: 384152
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.0 10.0 15.0#

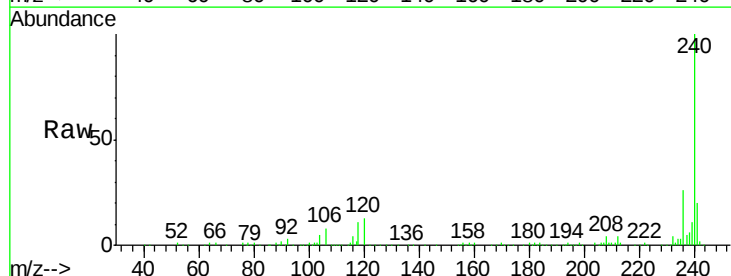


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

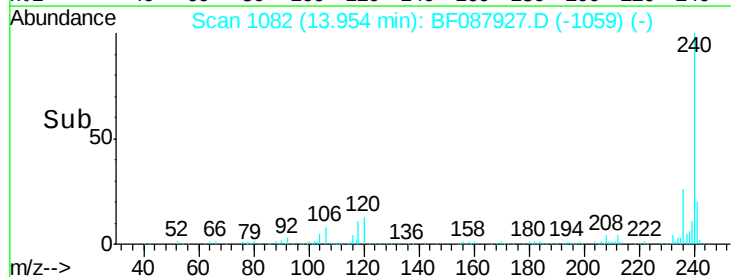
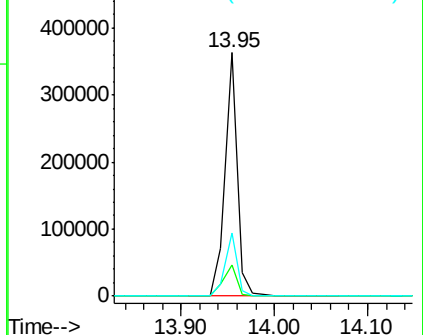


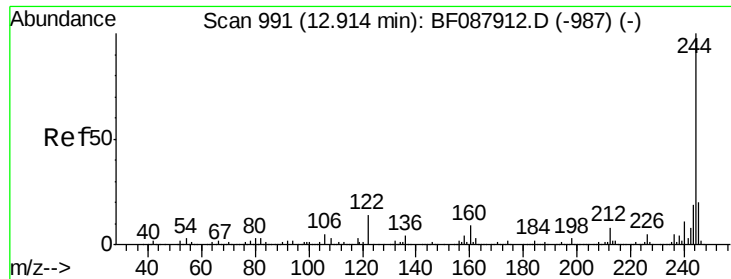
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087927.D
Acq: 12 Jun 2016 4:23

Tgt Ion:240 Resp: 327350
Ion Ratio Lower Upper
240 100
120 12.5 6.8 10.2#
236 25.8 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

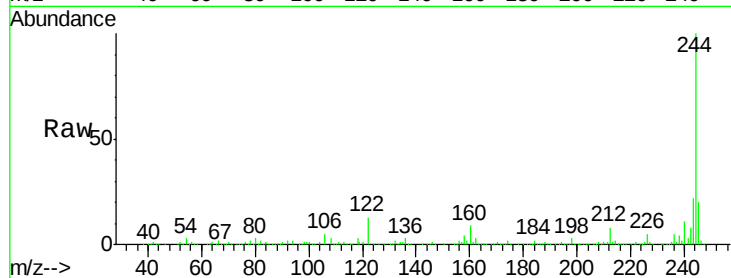




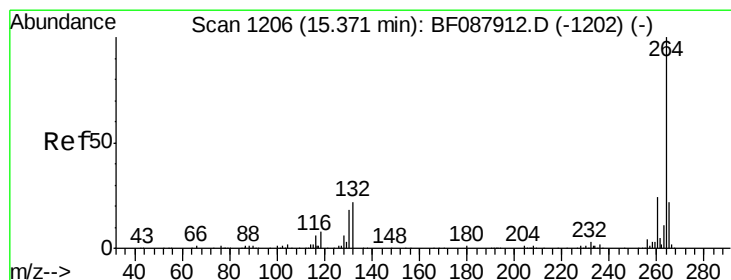
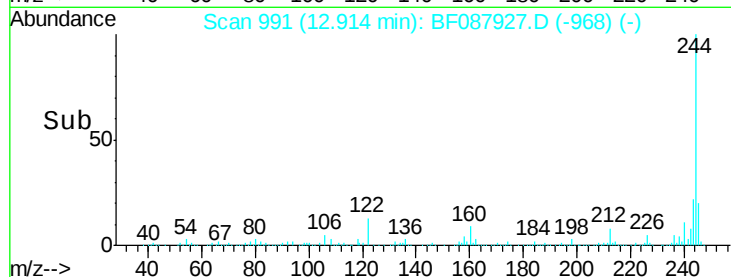
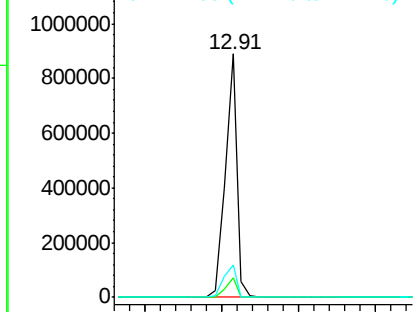
#78
 Terphenyl-d14
 Concen: 65.80 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BL

Tot Ion:244 Resp: 946543
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.3 11.2 16.8

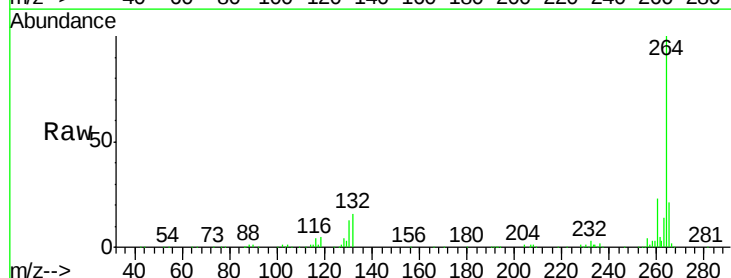


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087927.D
 Acq: 12 Jun 2016 4:23

Tgt Ion:264 Resp: 269311
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 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

