

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087992.D
 Acq On : 13 Jun 2016 19:36
 Operator : UM/SJ
 Sample : H3419-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B3(0-6)C

Quant Time: Jun 14 13:26:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

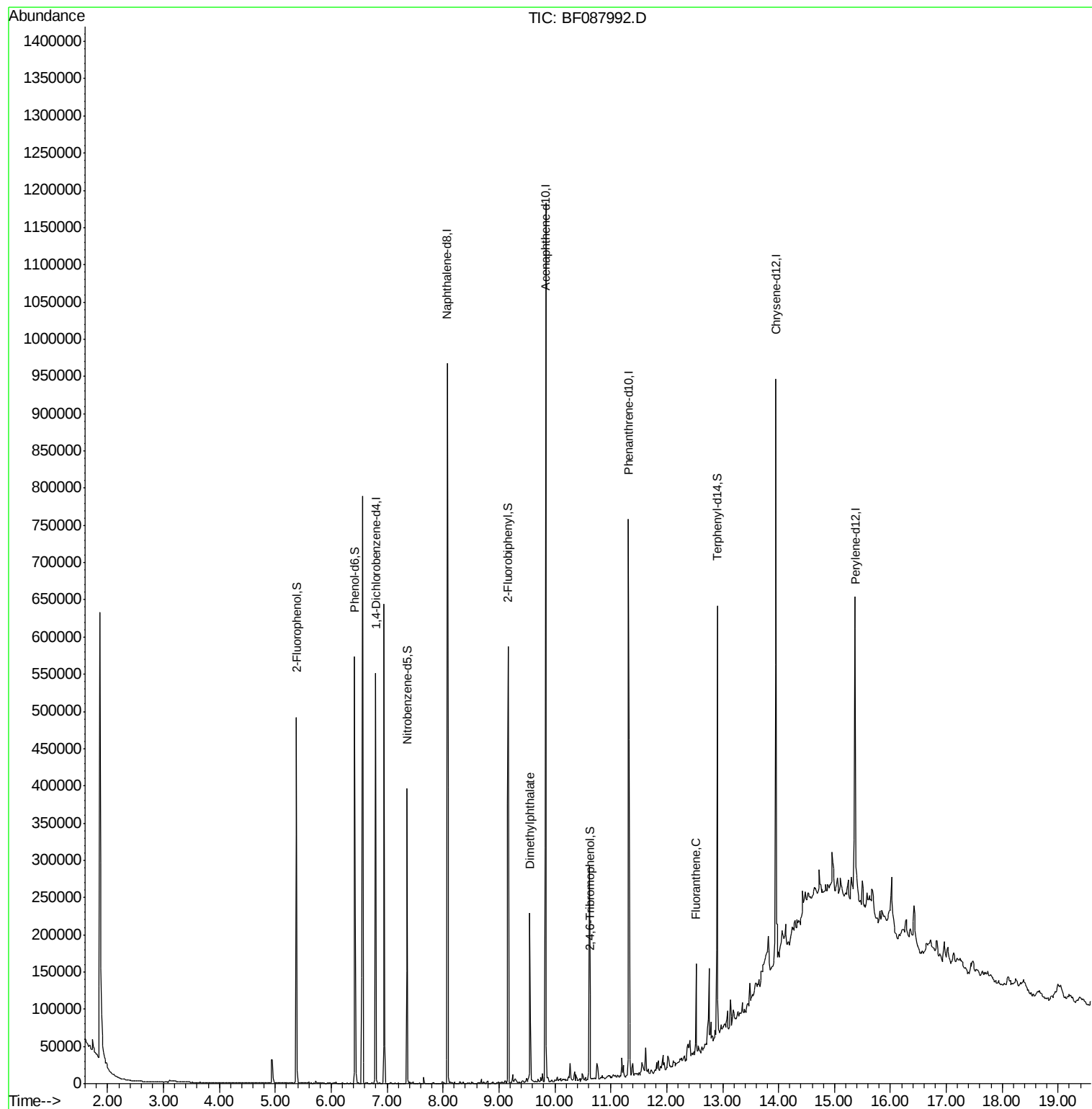
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133051	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	491891	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	229713	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	333344	20.00	ng	0.00
75) Chrysene-d12	13.95	240	294666	20.00	ng	0.00
86) Perylene-d12	15.37	264	217646	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	186529	23.97	ng	0.00
7) Phenol-d6	6.42	99	220954	23.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	135762	16.12	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	32696	13.48	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	239680	11.61	ng	0.00
78) Terphenyl-d14	12.90	244	163257	12.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	98034	5.89	ng	99
74) Fluoranthene	12.53	202	42042	2.28	ng	99

(#) = 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. 0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

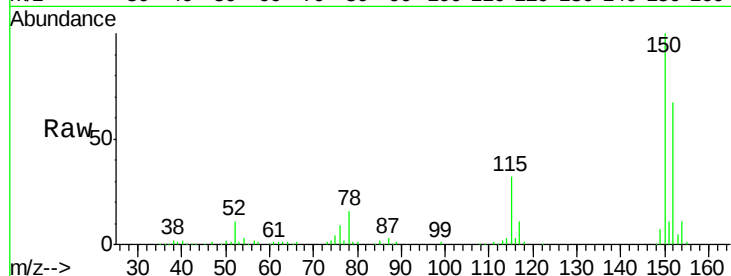
Tot Ion:152 Resp: 133051

Ion Ratio Lower Upper

152 100

150 149.7 123.8 185.6

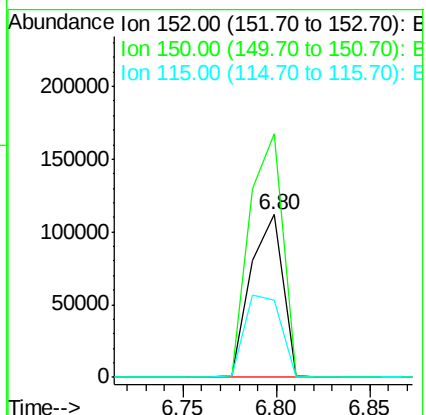
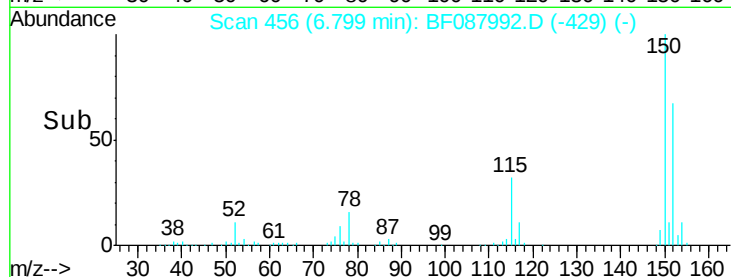
115 47.4 39.6 59.4



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: 23.97 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

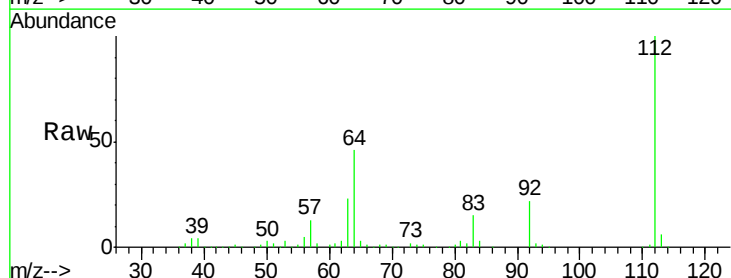
Tgt Ion:112 Resp: 186529

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

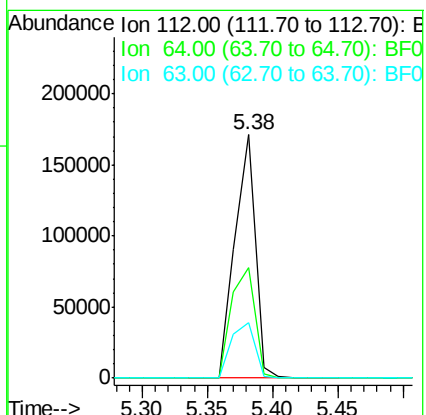
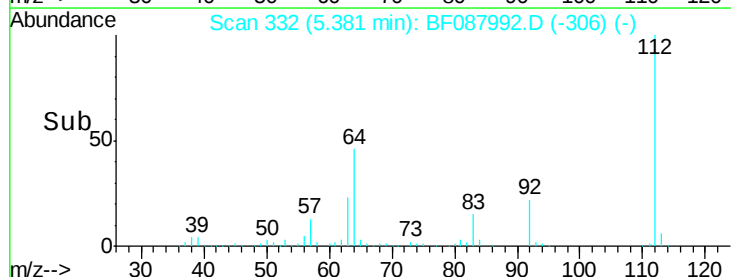
63 23.0 21.8 32.8



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: 23.43 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

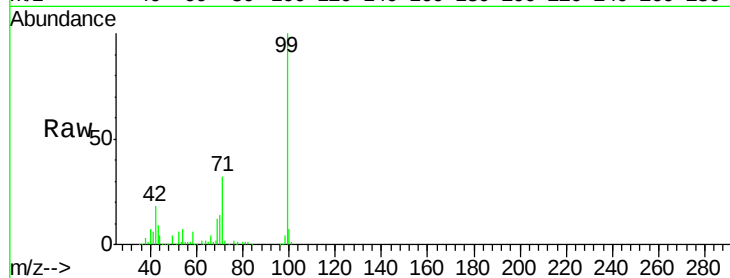
Tot Ion: 99 Resp: 220954

Ion Ratio Lower Upper

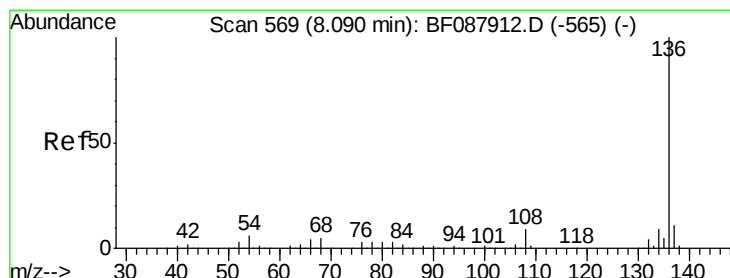
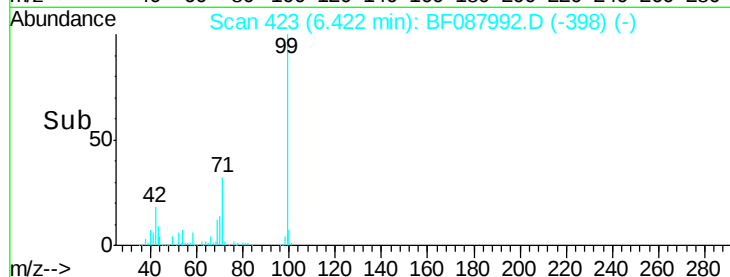
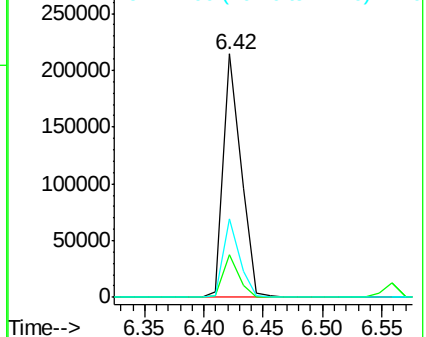
99 100

42 17.6 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: 8.08 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Tgt Ion: 136 Resp: 491891

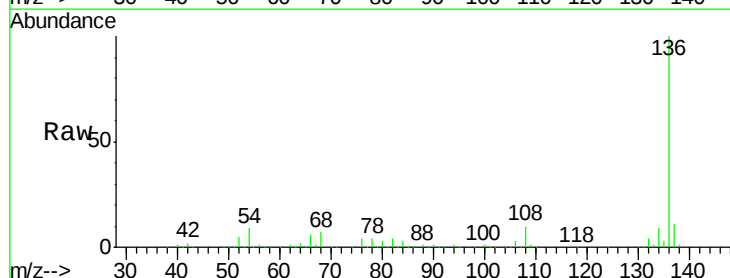
Ion Ratio Lower Upper

136 100

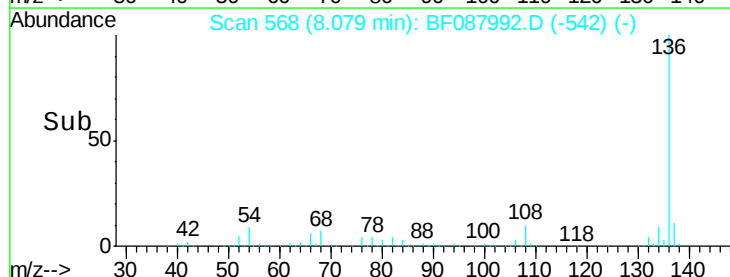
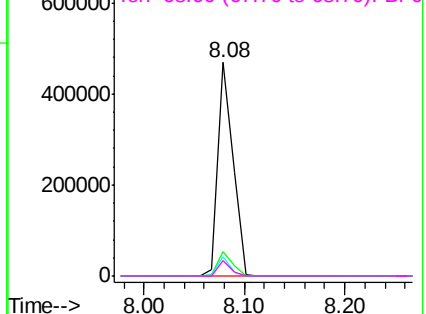
137 11.3 9.1 13.7

54 9.0 6.6 10.0

68 7.3 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

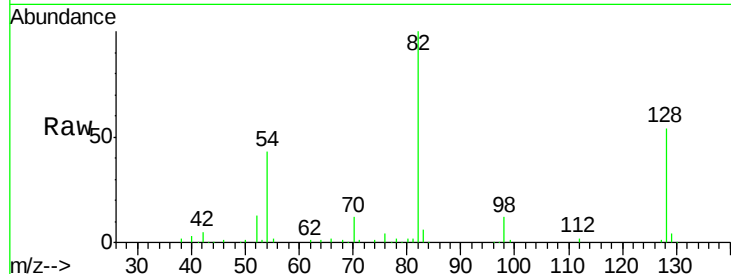




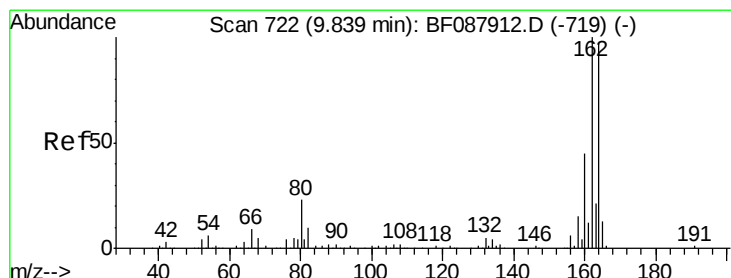
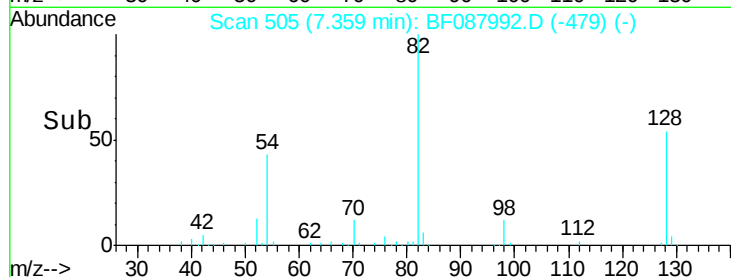
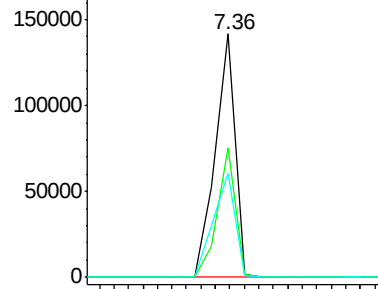
#23
 Nitrobenzene-d5
 Concen: 16.12 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

Instrument :
 BNA_F
 ClientSampled :
 T6-B3(0-6)C

Tot Ion	82	Resp	135762
Ion Ratio	100	Lower	Upper
128	53.5	35.9	53.9
54	42.6	40.9	61.3

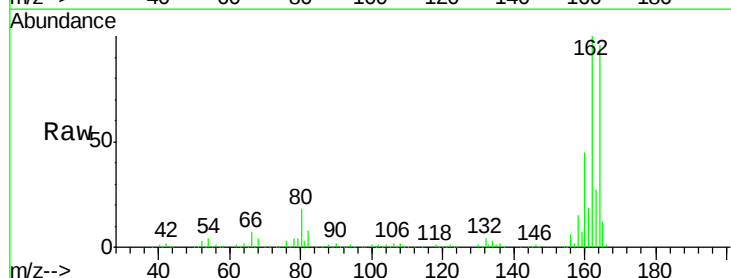


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

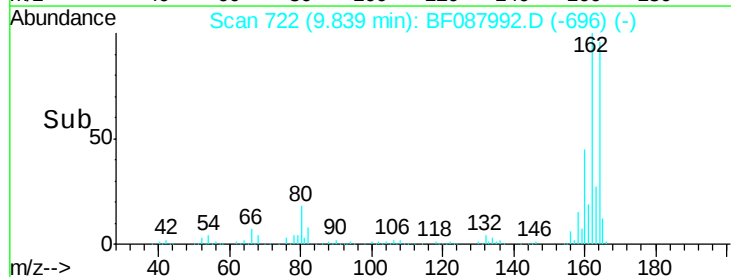
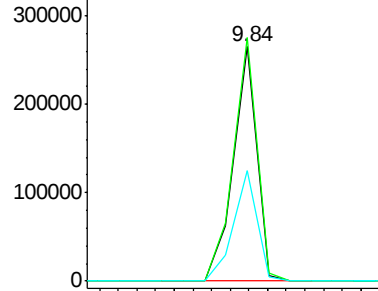


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

Tgt Ion	164	Resp	229713
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.8	85.4	128.2
160	47.0	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

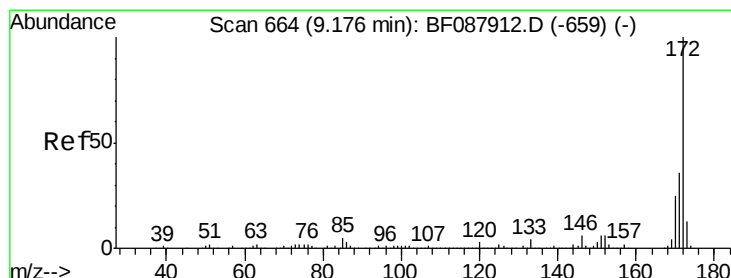
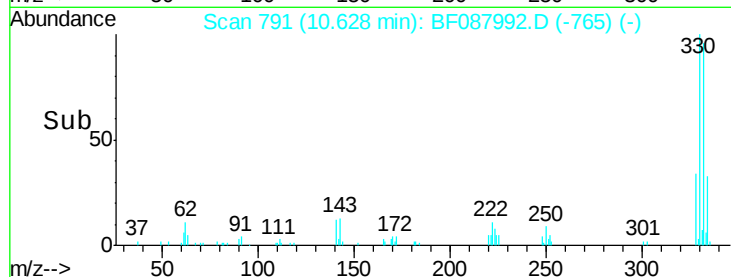
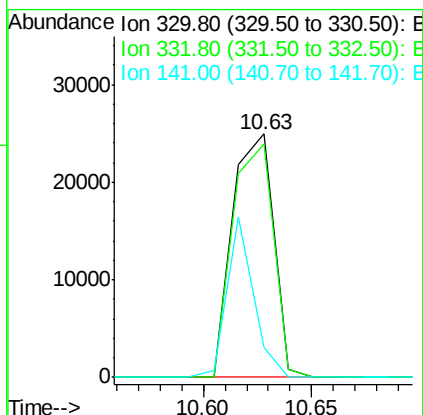
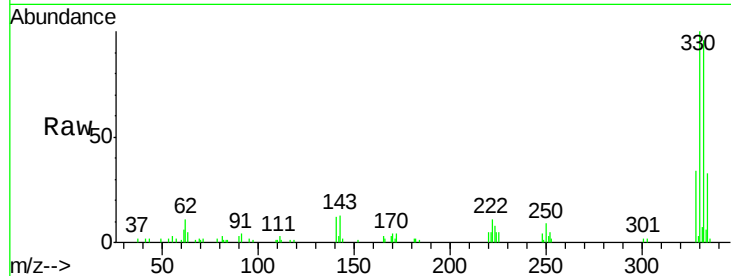




#41
 2,4,6-Tribromophenol
 Concen: 13.48 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

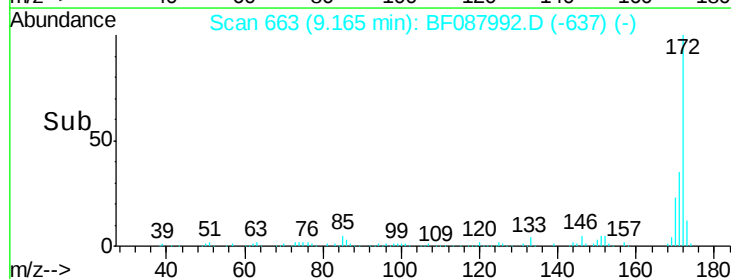
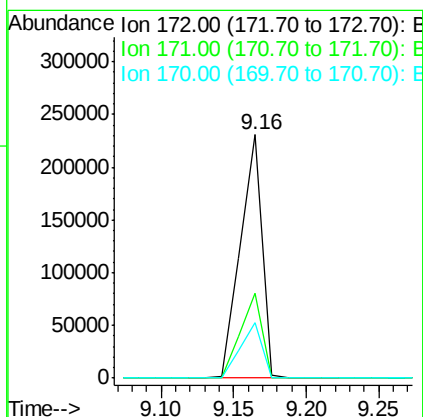
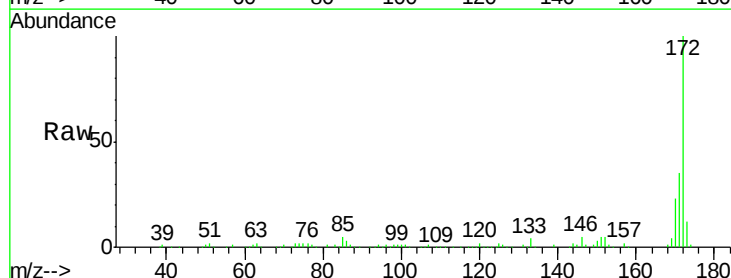
Instrument :
 BNA_F
 ClientSampleId :
 T6-B3(0-6)C

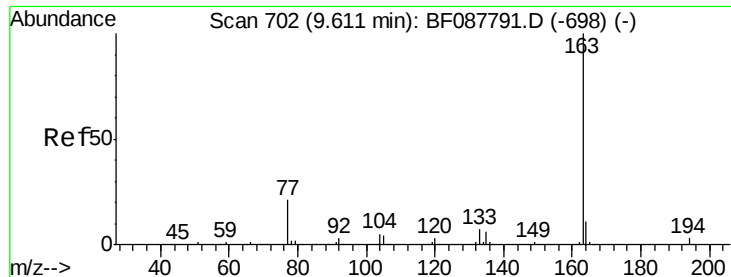
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	42.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 11.61 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.2	28.8





#49

Dimethylphthalate

Concen: 5.89 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

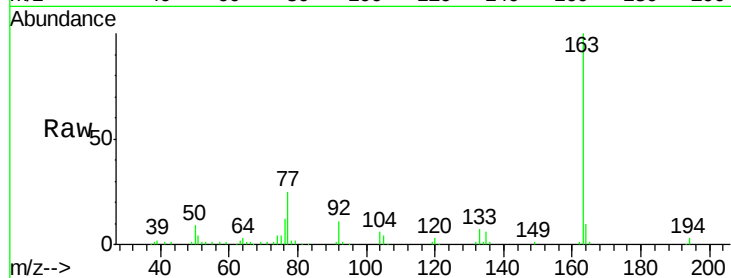
Tot Ion:163 Resp: 98034

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

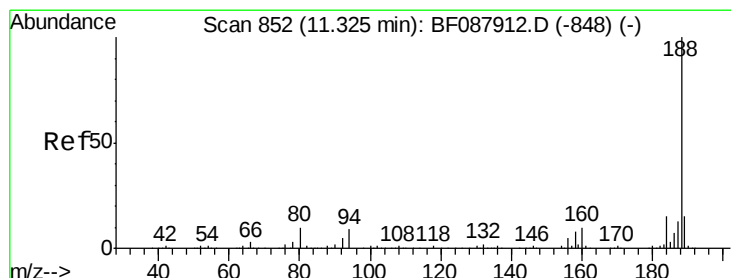
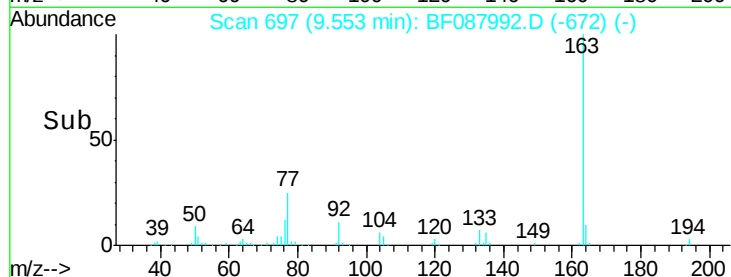
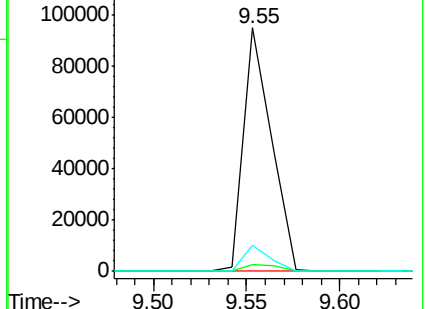
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

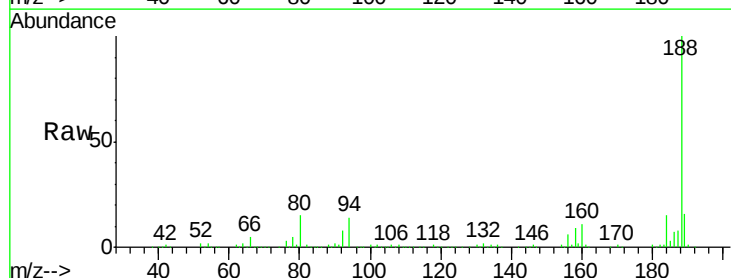
Tgt Ion:188 Resp: 333344

Ion Ratio Lower Upper

188 100

94 13.7 9.0 13.6#

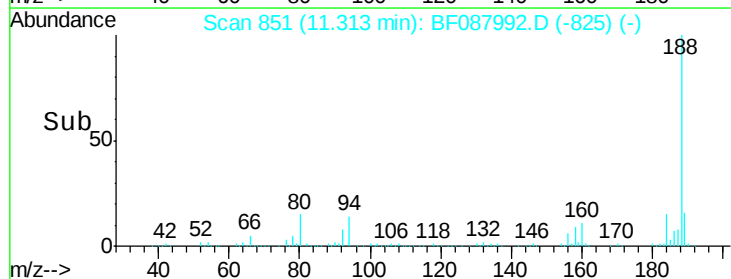
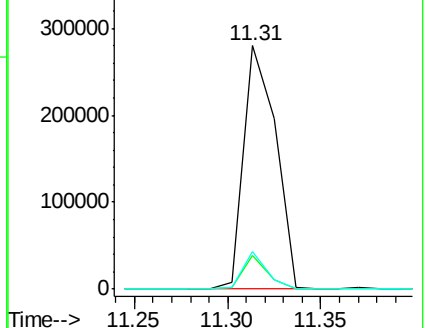
80 15.2 10.0 15.0#

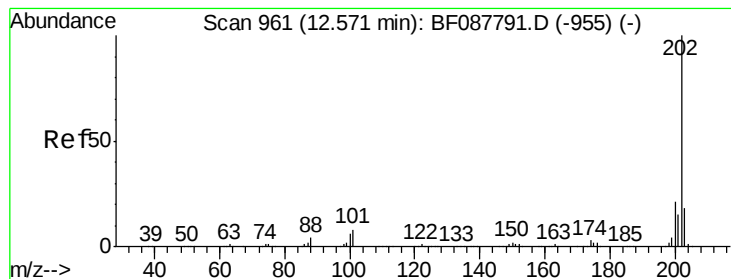


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.28 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

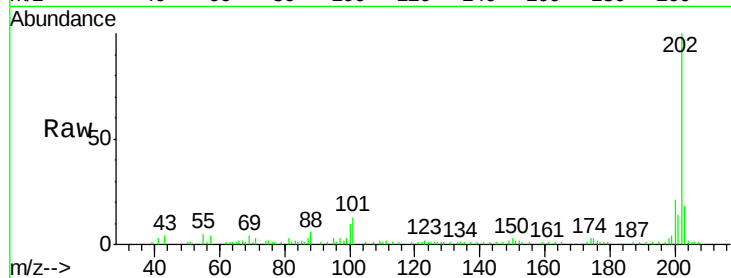
Tot Ion:202 Resp: 42042

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.1

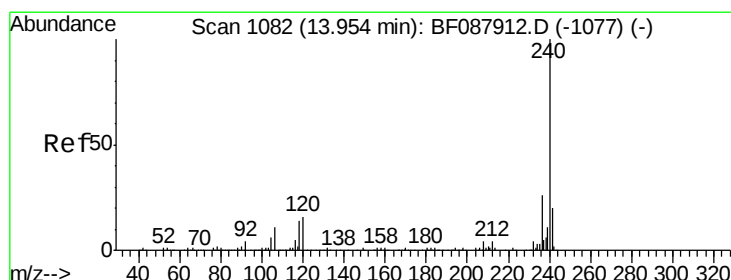
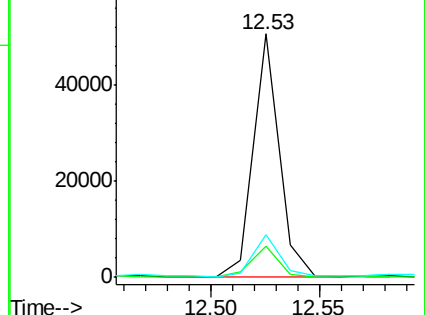
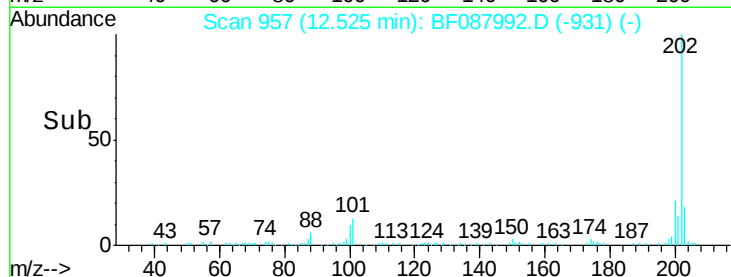
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

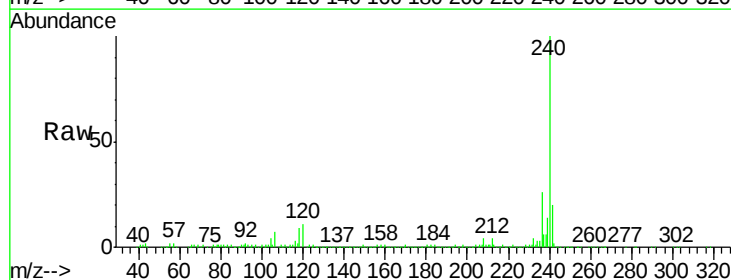
Tgt Ion:240 Resp: 294666

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

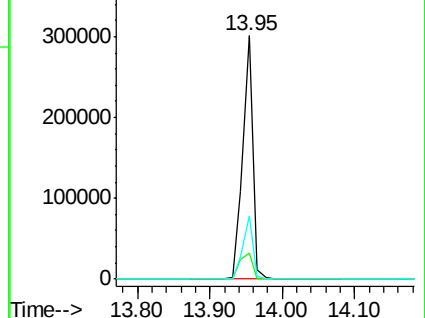
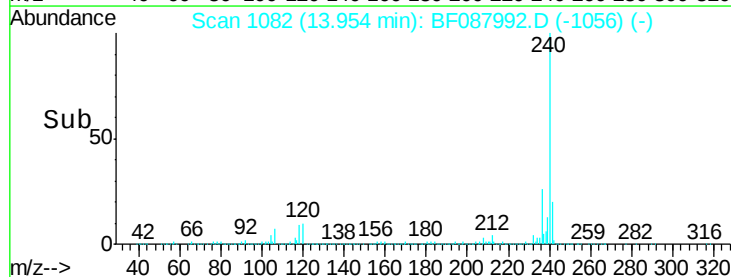
236 25.9 20.2 30.2

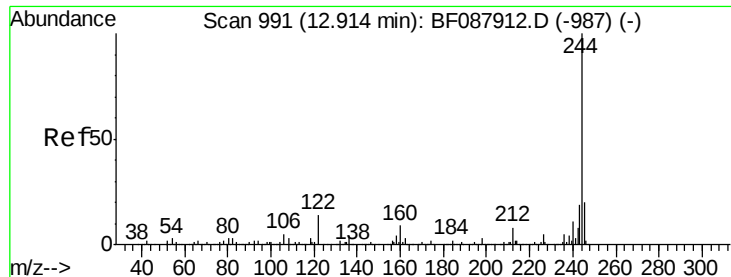


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.61 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

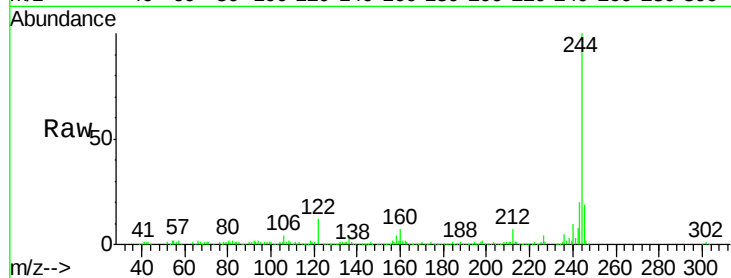
BNA_F

ClientSampleId :

T6-B3(0-6)C

Tot Ion:244 Resp: 163257

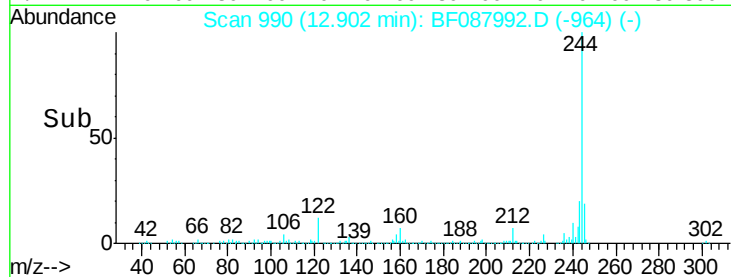
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.1	11.2	16.8



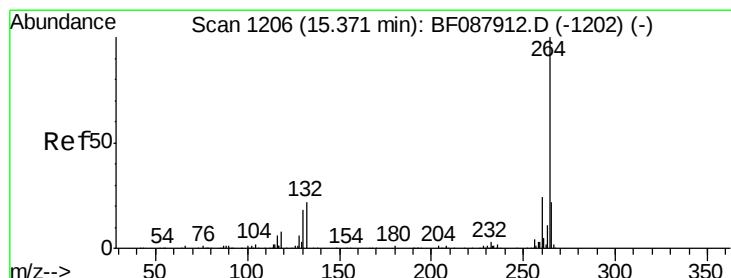
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1206

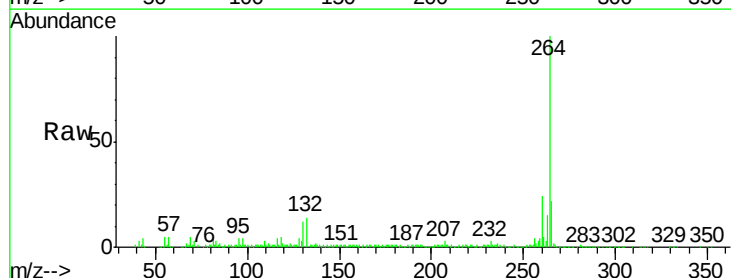
Delta R.T. 0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Tgt Ion:264 Resp: 217646

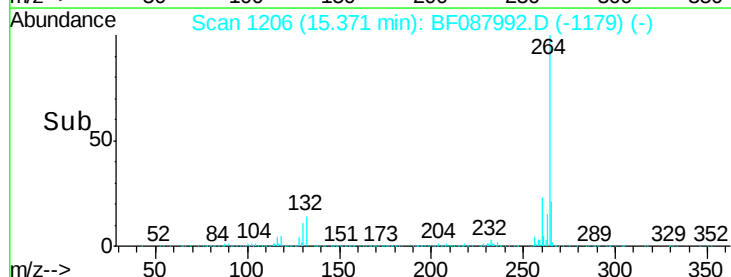
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3



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



Time-->