

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088623.D
 Acq On : 2 Jul 2016 18:08
 Operator : UM/SJ
 Sample : H3847-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

Quant Time: Jul 03 03:50:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

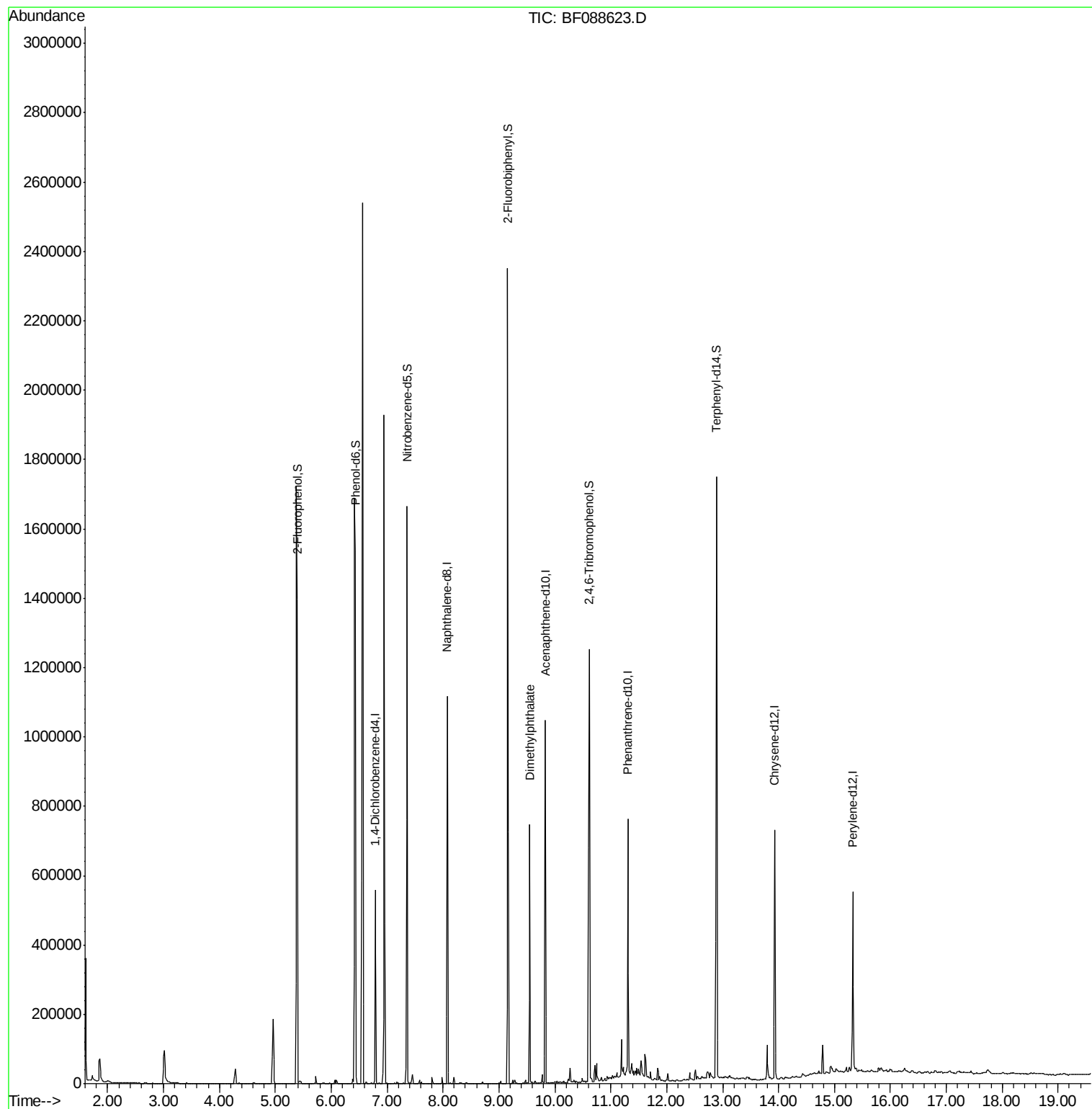
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103497	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	453773	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	185368	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	278878	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	215668	20.00	ng	-0.02
86) Perylene-d12	15.33	264	213712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	700497	101.44	ng	-0.01
7) Phenol-d6	6.43	99	926601	103.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	607278	70.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	162518	94.41	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	749380	63.86	ng	-0.02
78) Terphenyl-d14	12.89	244	483267	49.91	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	316376	23.96	ng	Qvalue 99

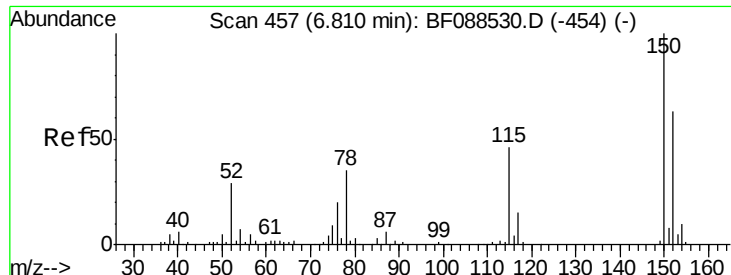
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

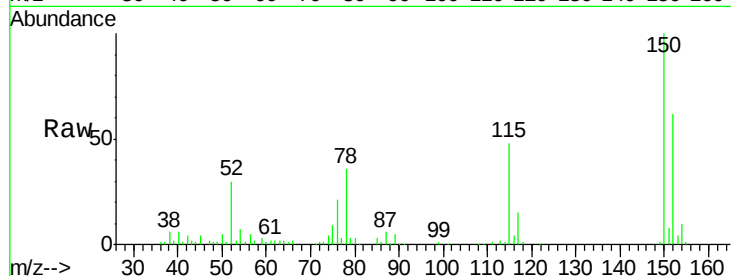
Tgt Ion:152 Resp: 103497

Ion Ratio Lower Upper

152 100

150 160.8 123.8 185.6

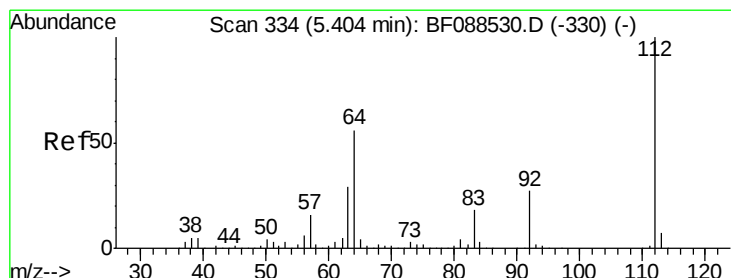
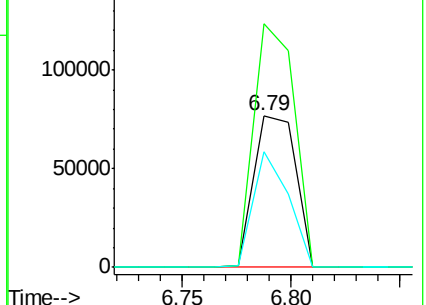
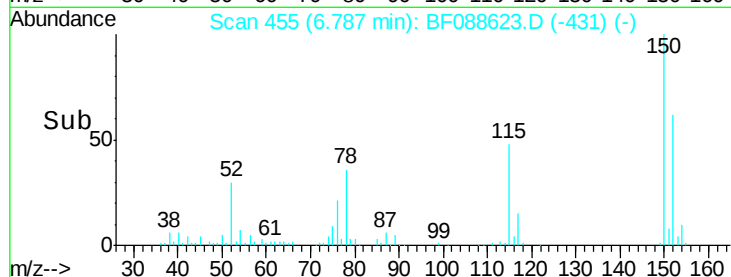
115 76.4 39.6 59.4#



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: 101.44 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

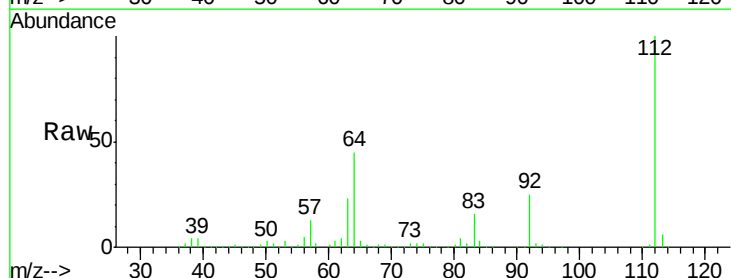
Tgt Ion:112 Resp: 700497

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

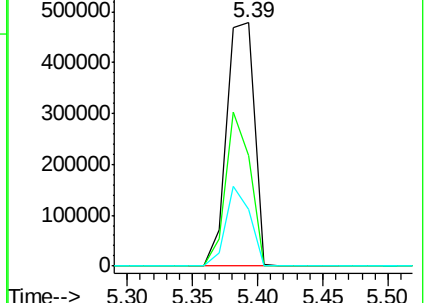
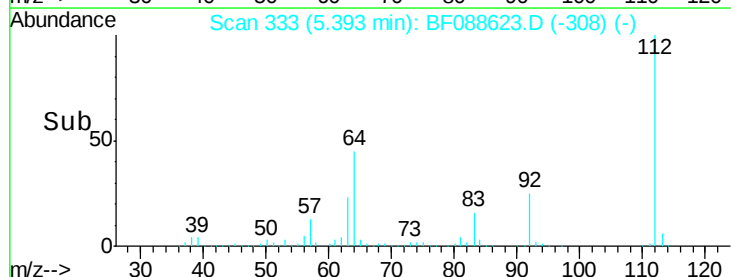
63 23.0 21.8 32.8



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: 103.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

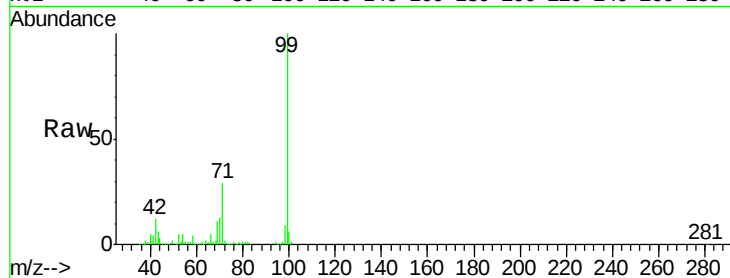
Tgt Ion: 99 Resp: 926601

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

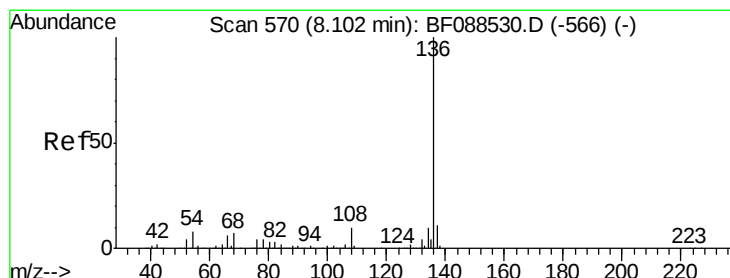
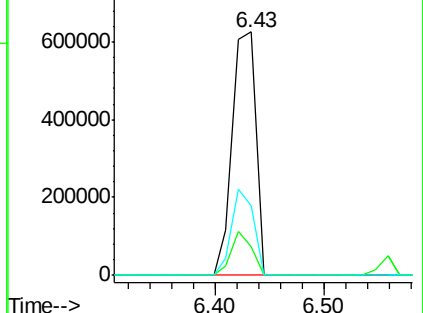
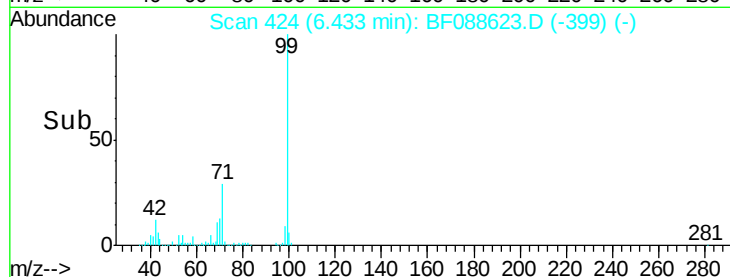
71 28.7 23.4 35.0



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. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Tgt Ion: 136 Resp: 453773

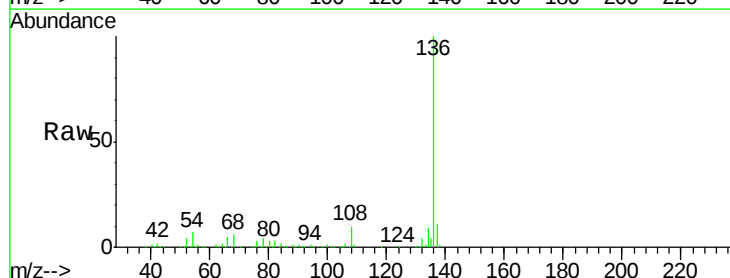
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.3 6.6 10.0

68 6.3 5.1 7.7

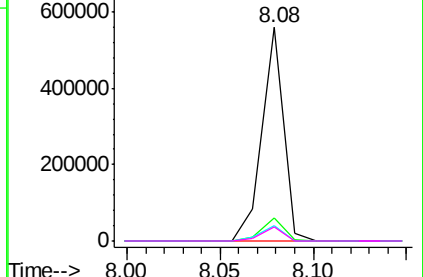
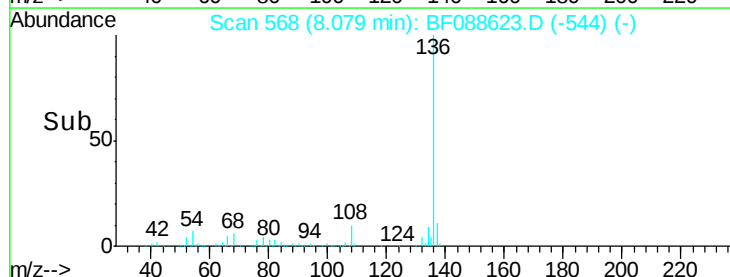


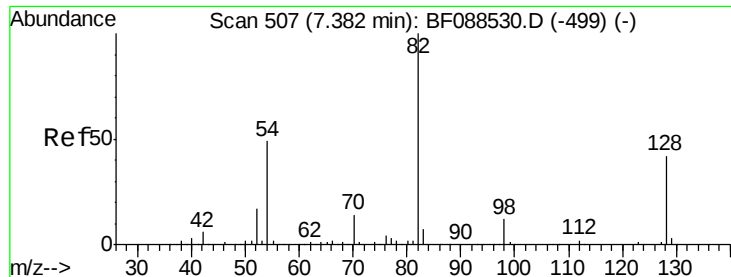
Abundance Ion 136.00 (135.70 to 136.70): E

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

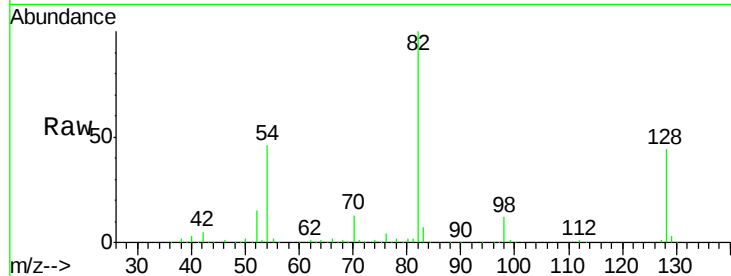




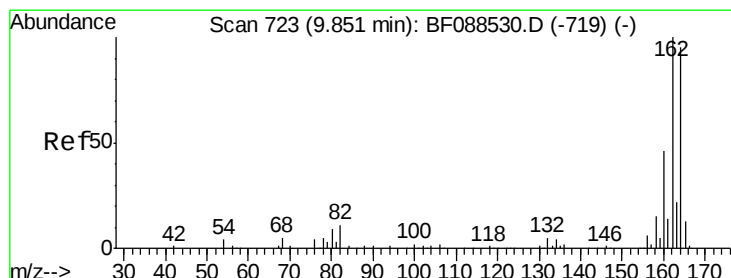
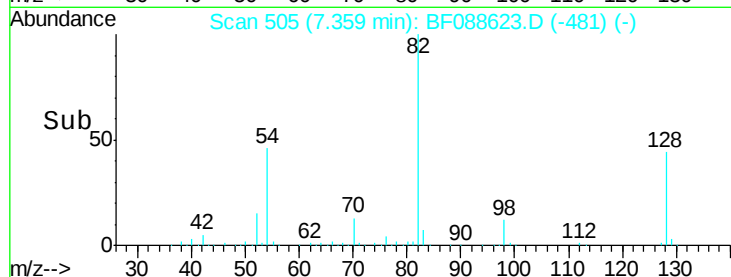
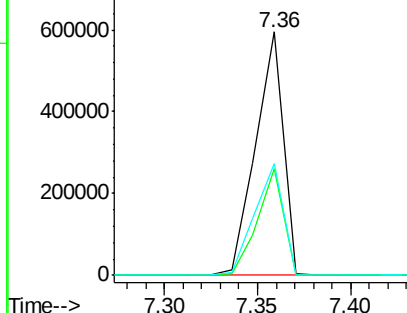
#23
 Nitrobenzene-d5
 Concen: 70.13 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

Tgt Ion: 82 Resp: 607278
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.9 53.9
 54 45.7 40.9 61.3

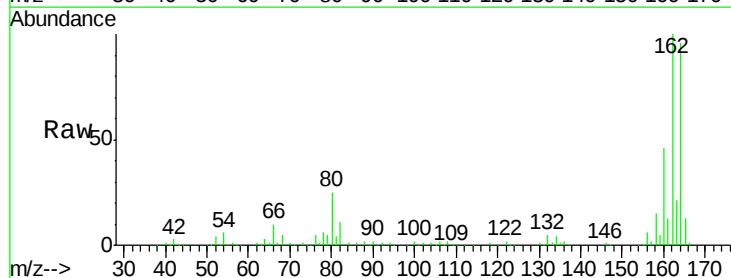


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

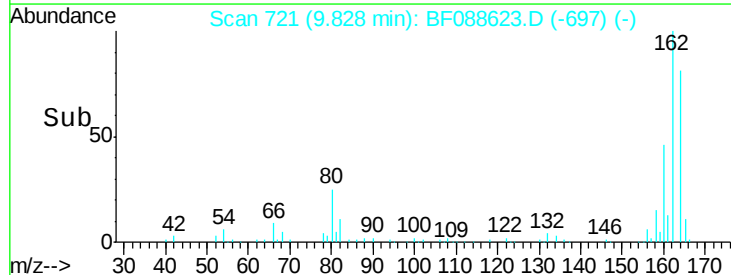
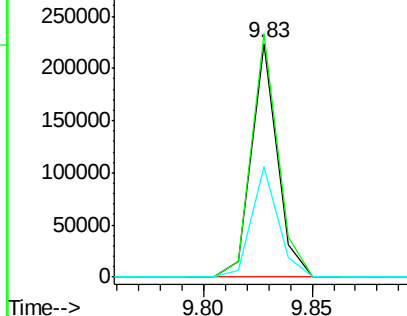


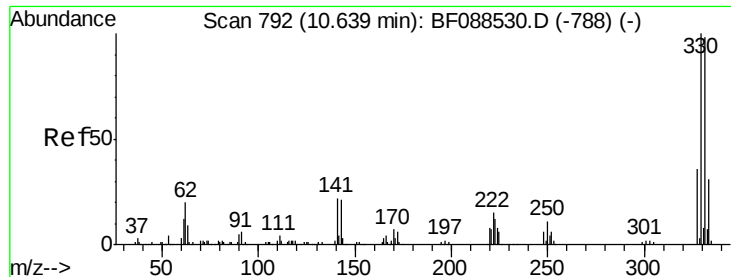
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Tgt Ion: 164 Resp: 185368
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 47.5 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

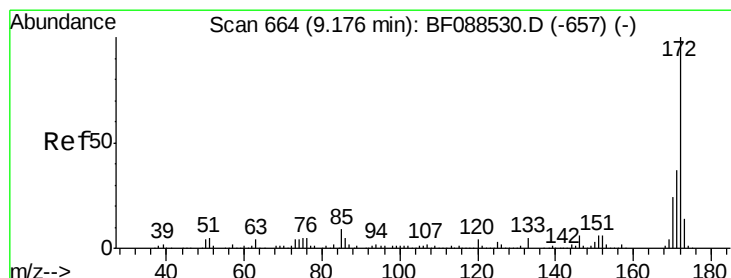
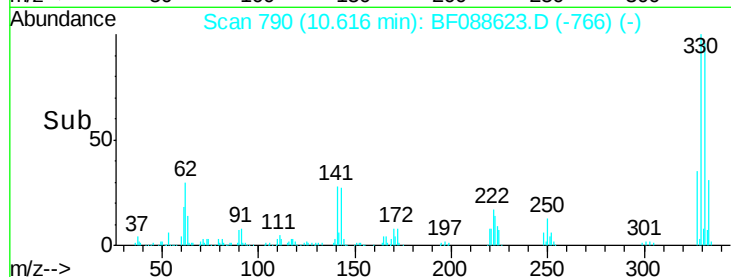
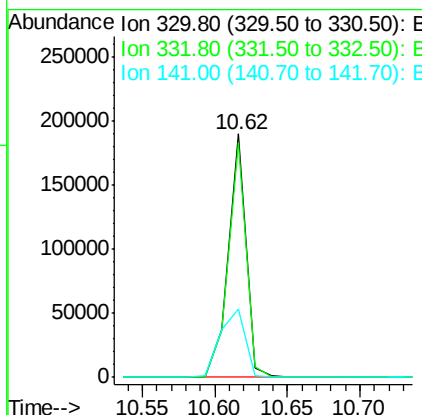
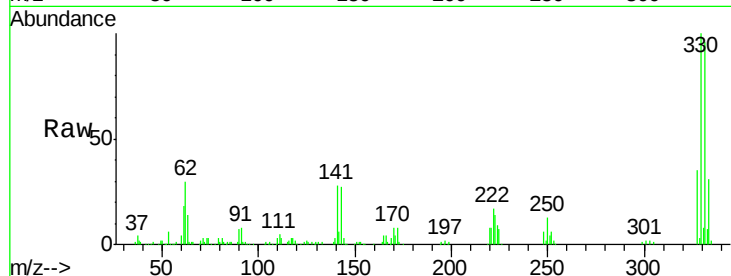




#41
 2,4,6-Tribromophenol
 Concen: 94.41 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

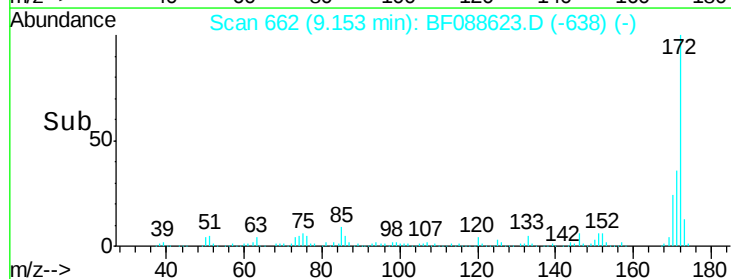
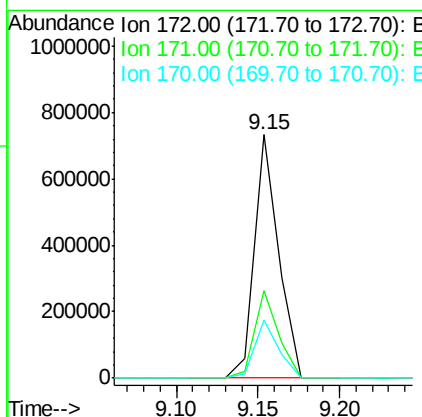
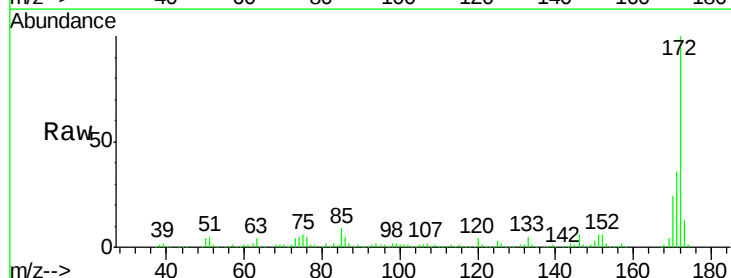
Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

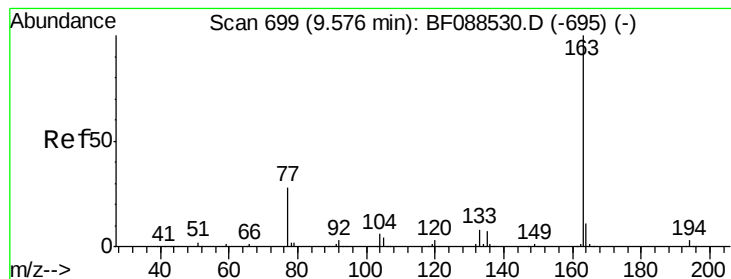
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 63.86 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	19.2	28.8





#49

Dimethylphthalate

Concen: 23.96 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

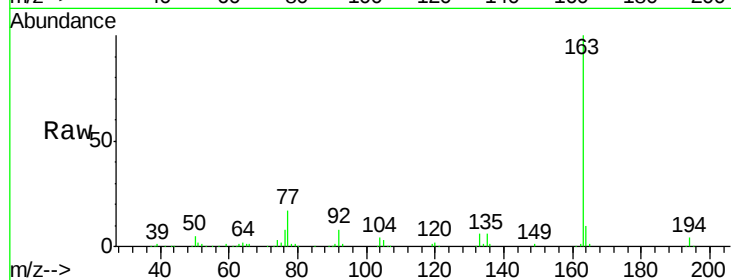
Tgt Ion:163 Resp: 316376

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

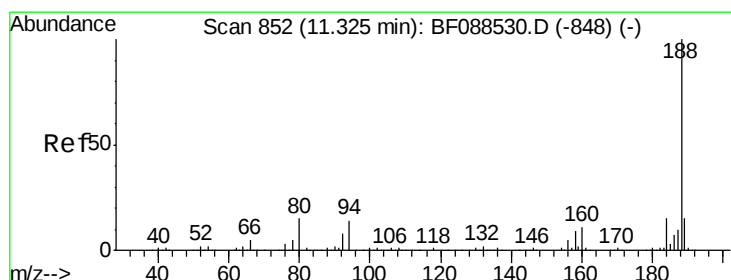
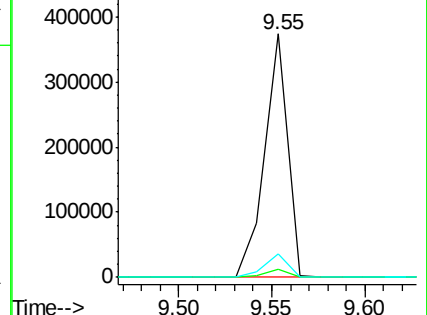
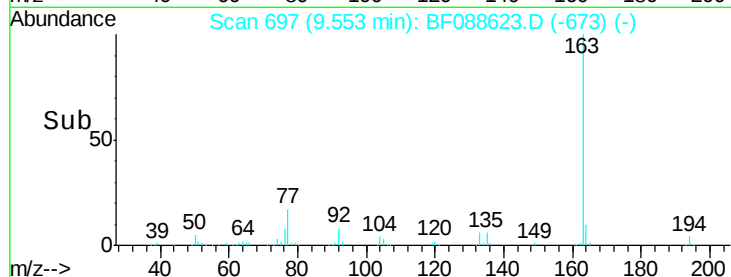
164 9.8 8.3 12.5



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: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

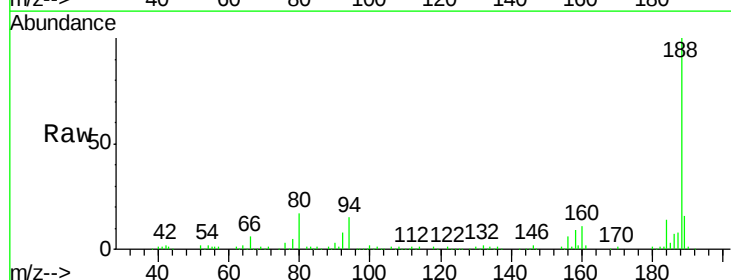
Tgt Ion:188 Resp: 278878

Ion Ratio Lower Upper

188 100

94 14.5 9.0 13.6#

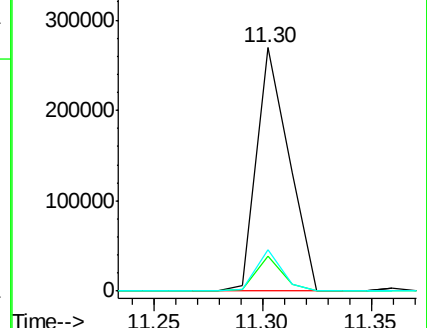
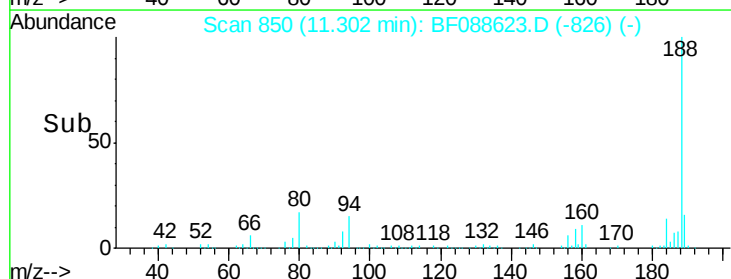
80 17.0 10.0 15.0#

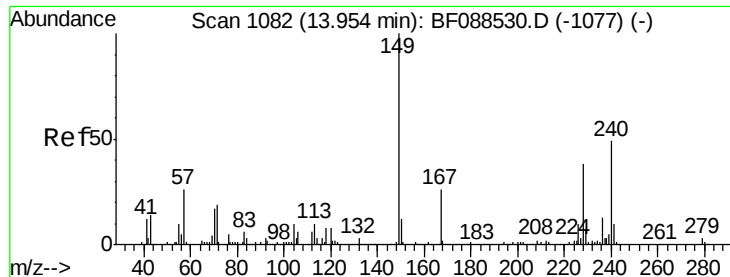


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

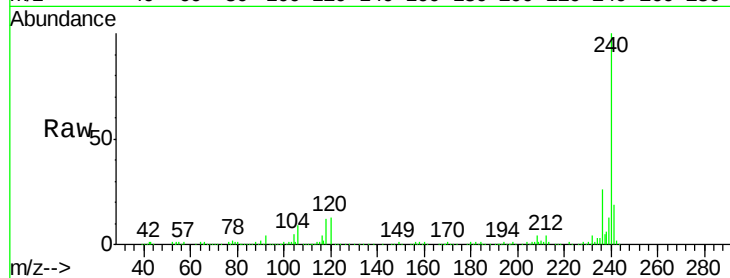
Tgt Ion:240 Resp: 215668

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

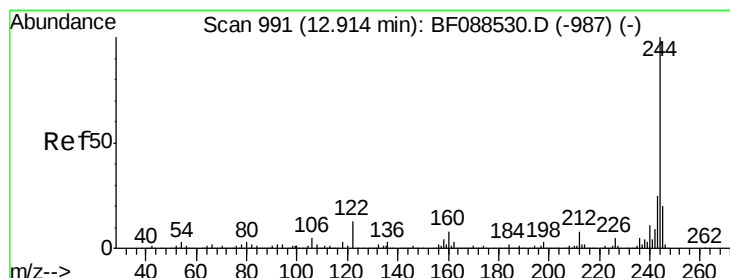
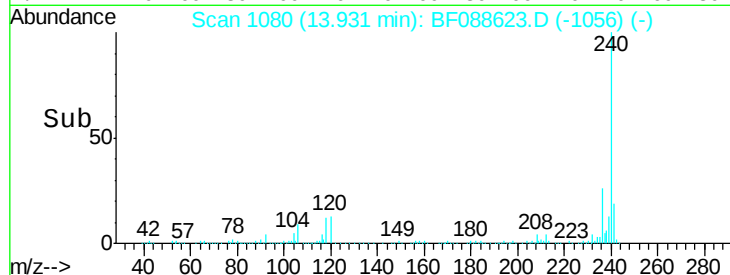
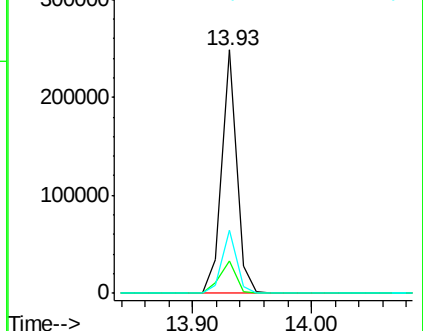
236 25.7 20.2 30.2



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: 49.91 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

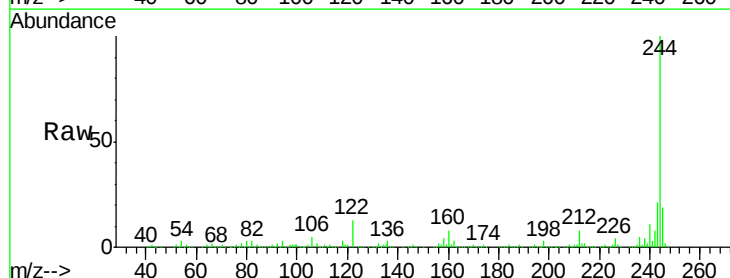
Tgt Ion:244 Resp: 483267

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

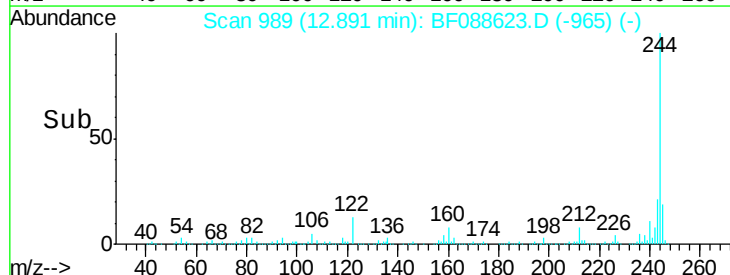
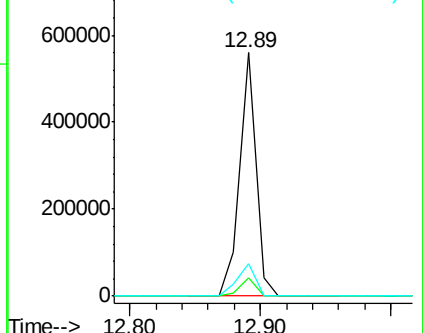
122 13.5 11.2 16.8

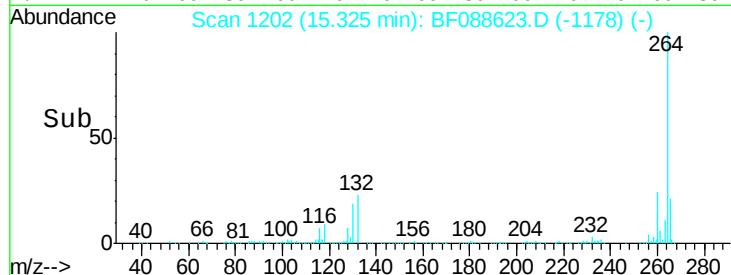
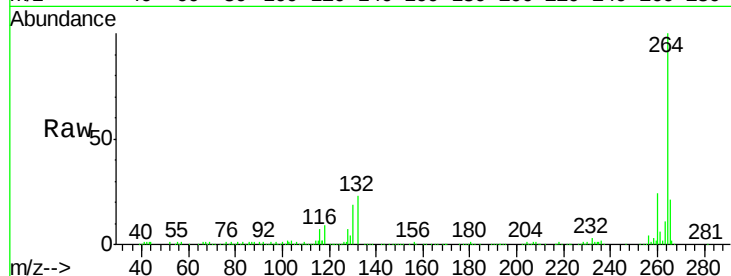
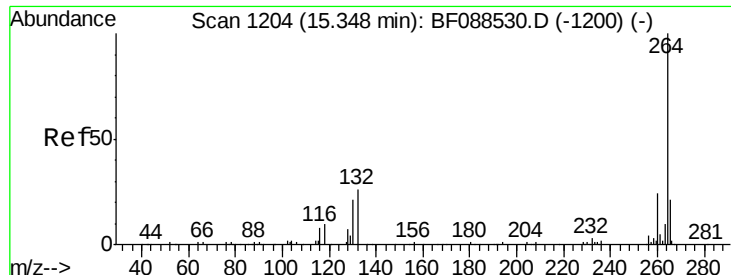


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088623.D
Acq: 2 Jul 2016 18:08

Instrument :
BNA_F
ClientSampleId :
R5-B1(0-11)C

Tgt Ion:	264	Resp:	213712
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3

