

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087686.D
 Acq On : 5 Jun 2016 3:39
 Operator : UM/SJ
 Sample : H3383-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-12BGL

Quant Time: Jun 05 04:51:53 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

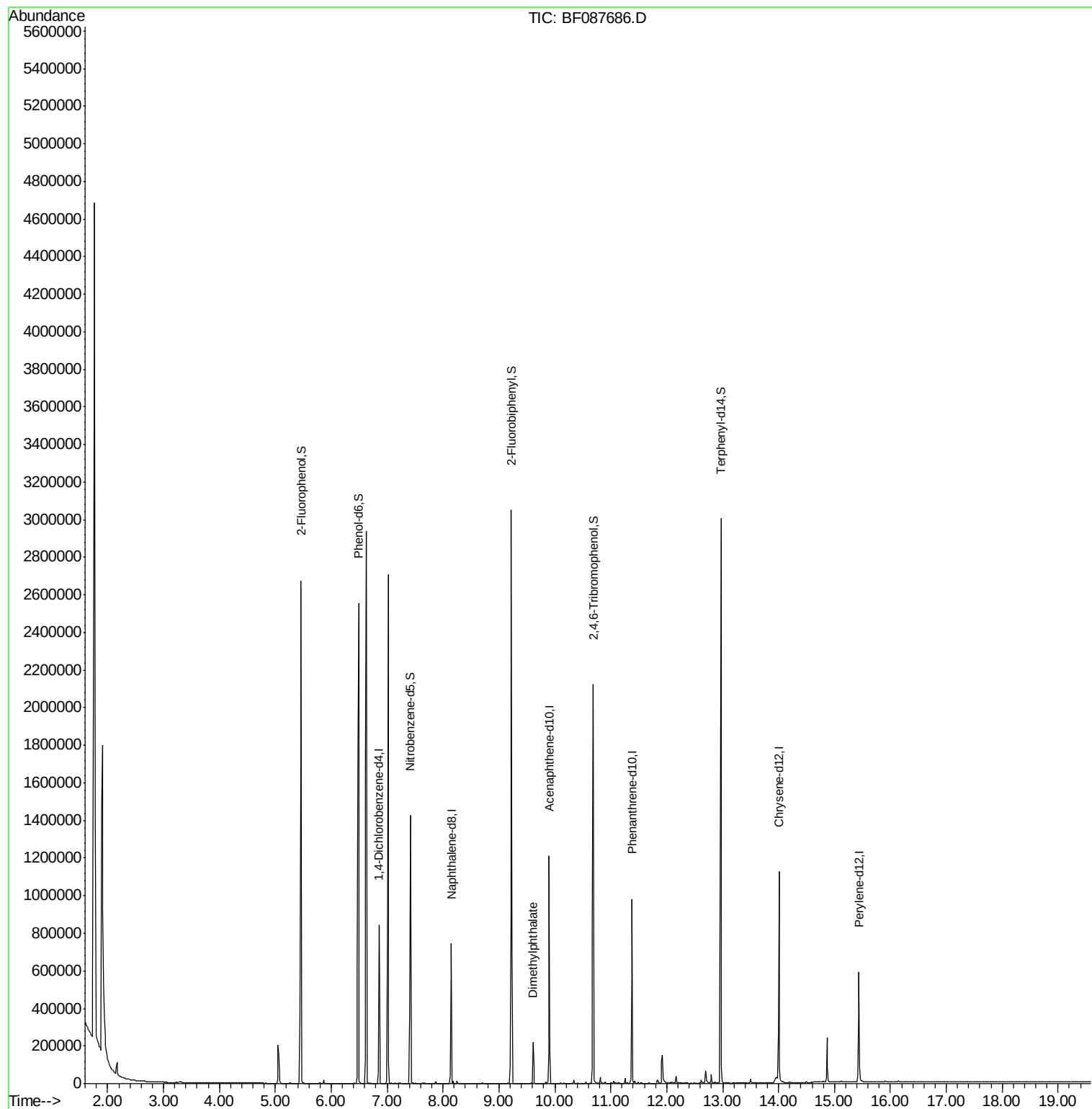
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117625	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	481107	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227029	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	434877	20.00	ng	0.00
75) Chrysene-d12	14.01	240	359402	20.00	ng	-0.01
86) Perylene-d12	15.44	264	272281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	969022	133.16	ng	0.01
7) Phenol-d6	6.49	99	1281306	140.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	725470	87.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	271025	118.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1113578	71.63	ng	-0.01
78) Terphenyl-d14	12.97	244	1002686	68.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	100277	6.08	ng	Qvalue 99

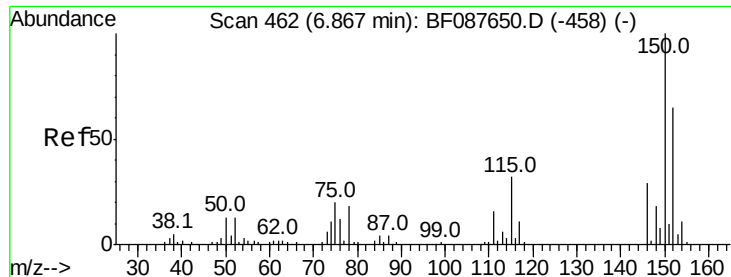
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

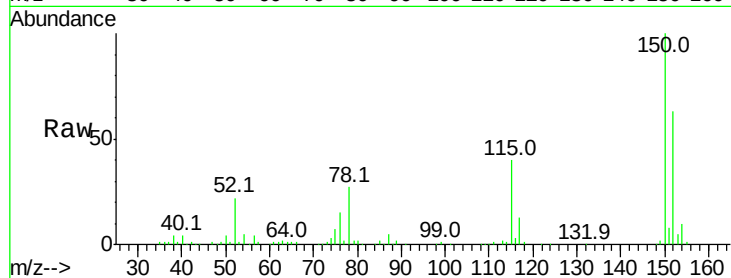
Tot Ion:152 Resp: 117625

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

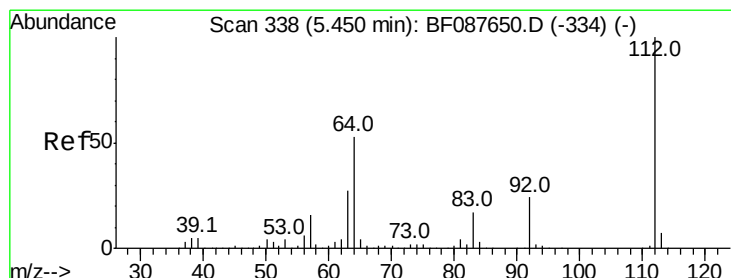
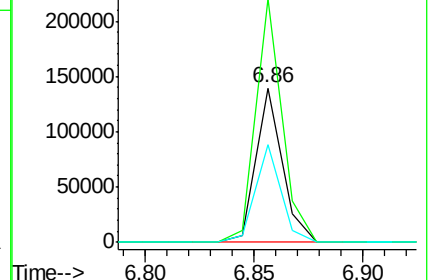
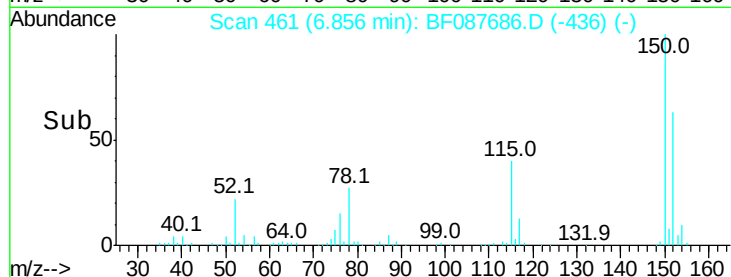
115 63.3 39.6 59.4#



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: 133.16 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

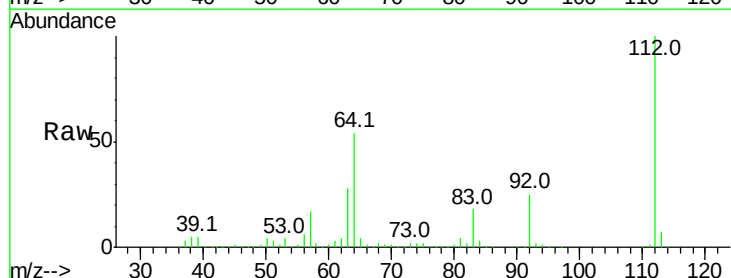
Tgt Ion:112 Resp: 969022

Ion Ratio Lower Upper

112 100

64 53.7 42.2 63.2

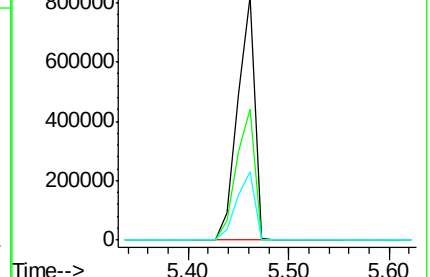
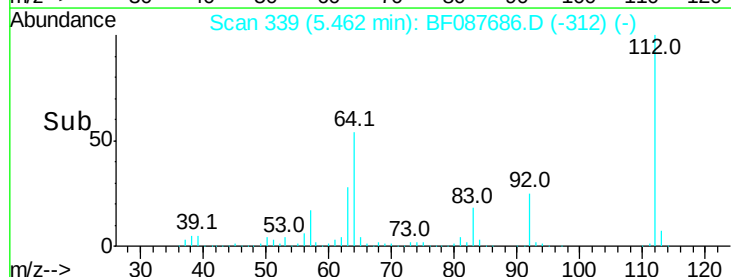
63 28.1 21.8 32.8

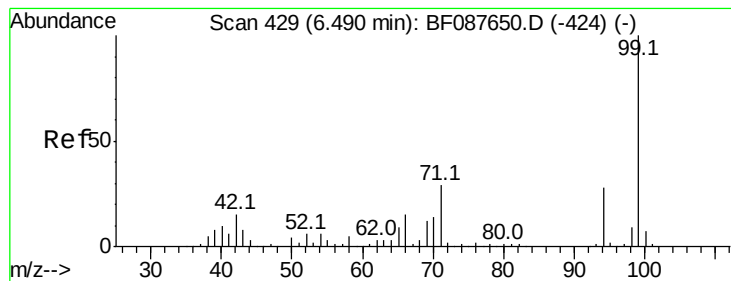


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.39 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

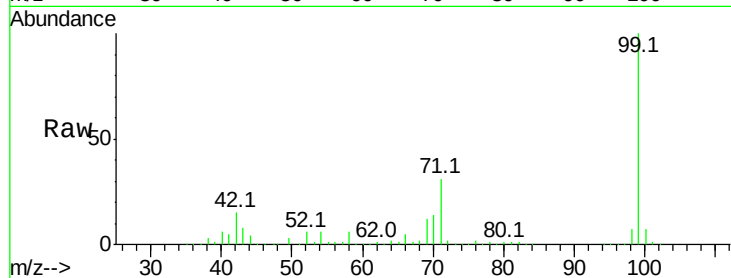
Tot Ion: 99 Resp: 1281306

Ion Ratio Lower Upper

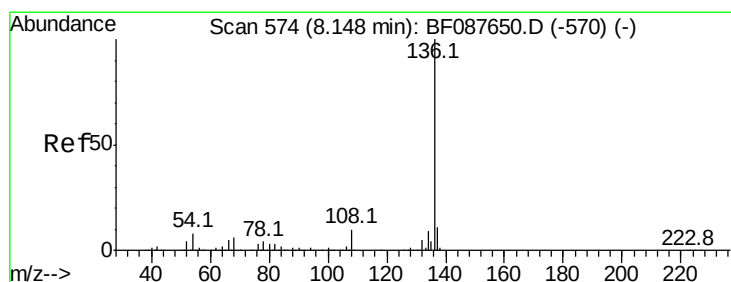
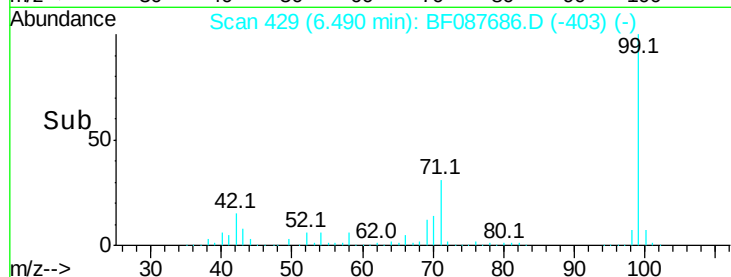
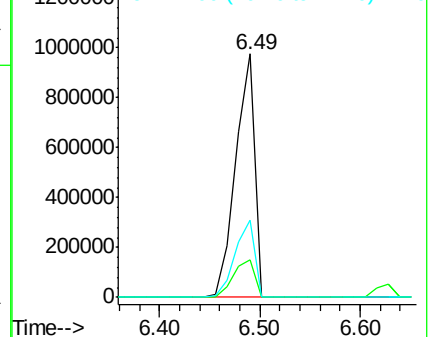
99 100

42 15.4 12.2 18.2

71 31.5 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: BF087686.D

Acq: 5 Jun 2016 3:39

Tgt Ion: 136 Resp: 481107

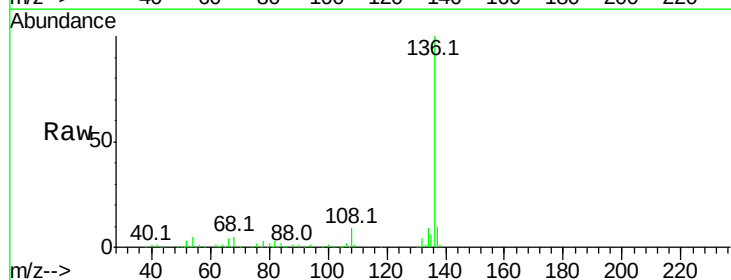
Ion Ratio Lower Upper

136 100

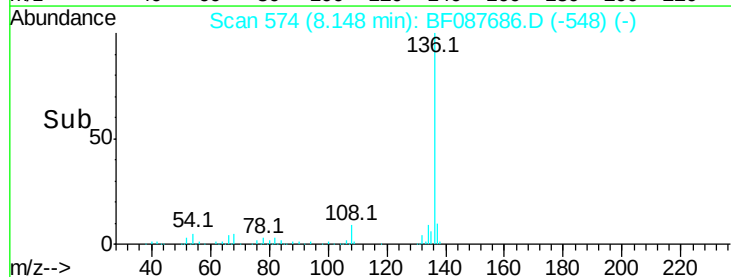
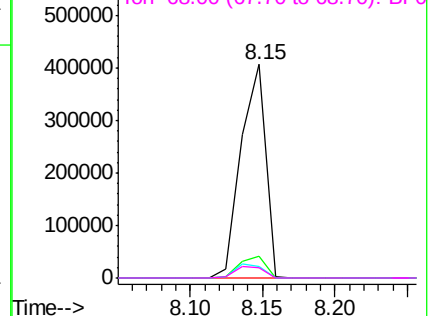
137 10.5 9.1 13.7

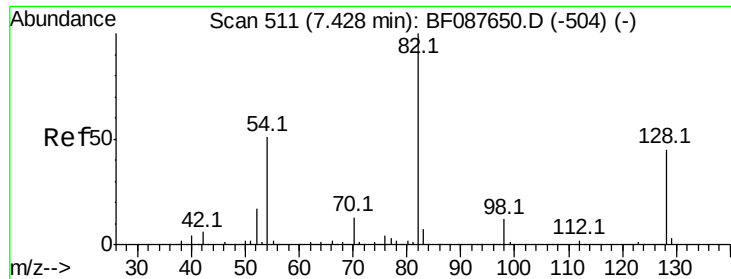
54 5.4 6.6 10.0#

68 4.6 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

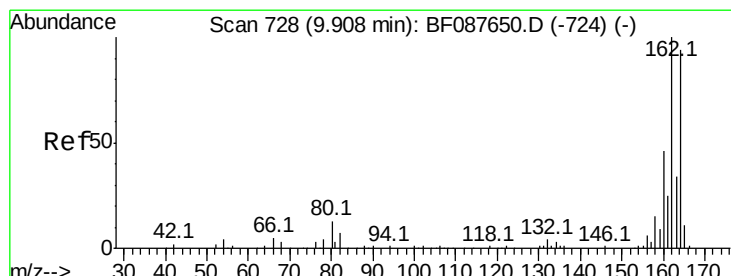
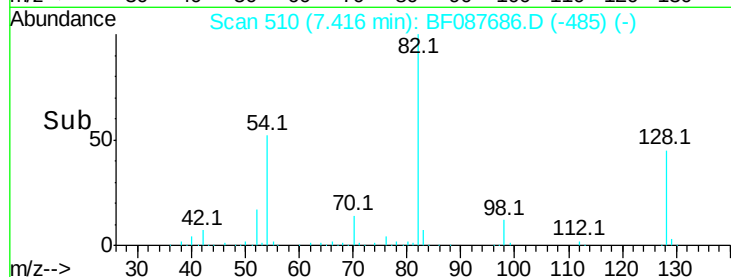
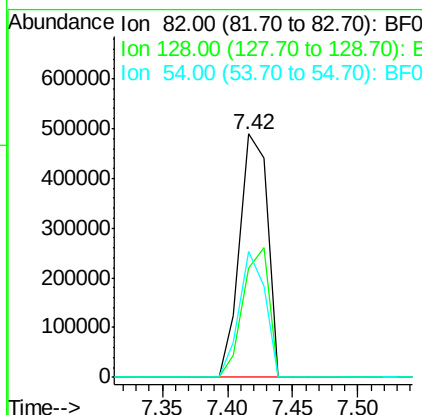
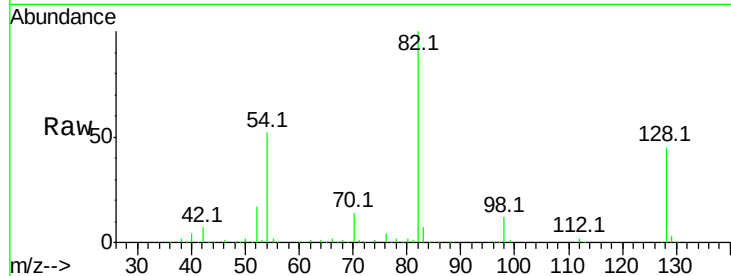




#23
Nitrobenzene-d5
Concen: 87.24 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

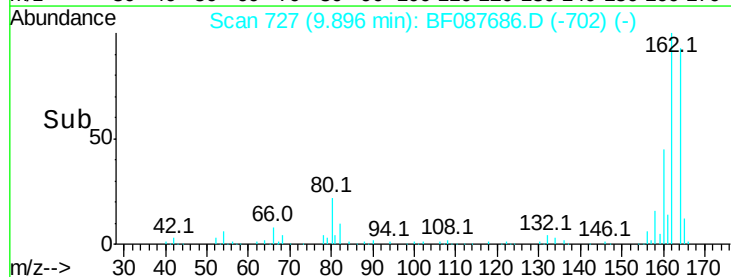
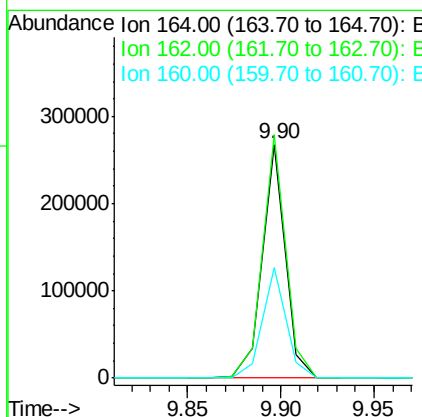
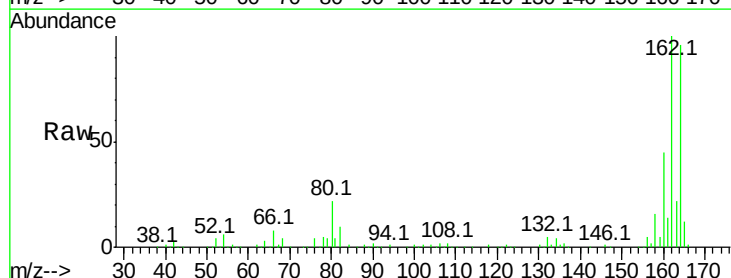
Instrument :
BNA_F
ClientSampleId :
BOTTOM-12BGL

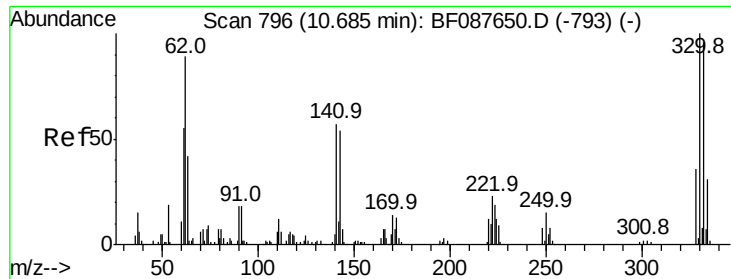
Tot Ion: 82 Resp: 725470
Ion Ratio Lower Upper
82 100
128 44.7 35.9 53.9
54 51.9 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

Tgt Ion: 164 Resp: 227029
Ion Ratio Lower Upper
164 100
162 104.2 85.4 128.2
160 47.3 39.5 59.3

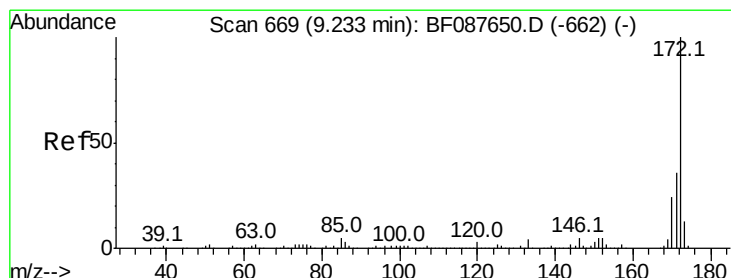
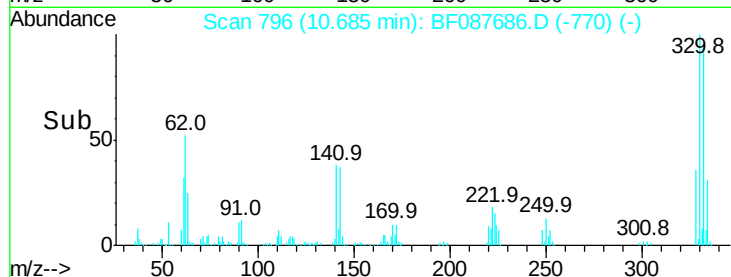
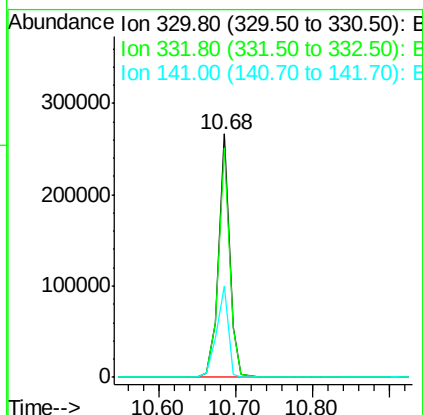
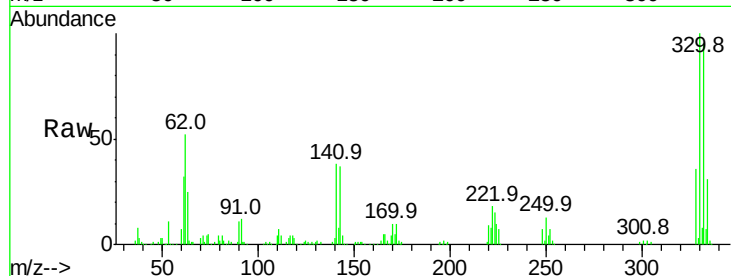




#41
 2,4,6-Tribromophenol
 Concen: 118.93 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

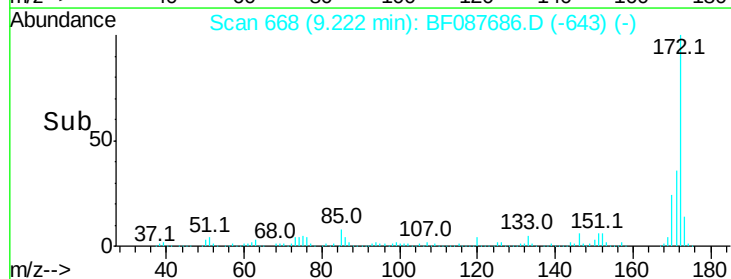
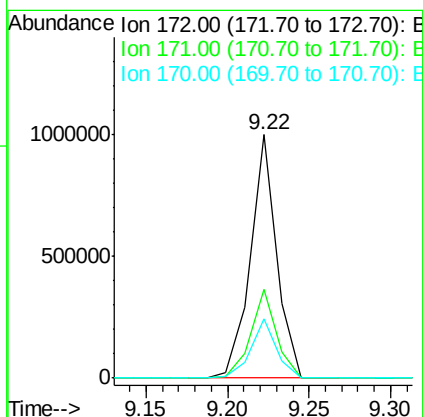
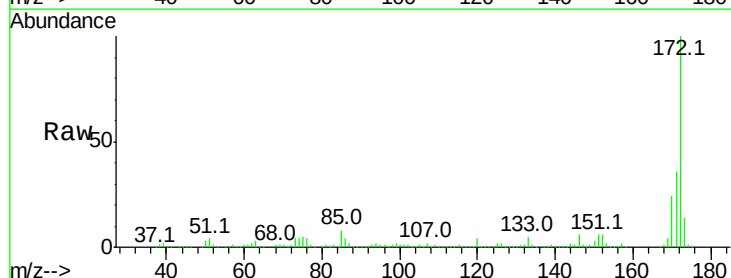
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-12BGL

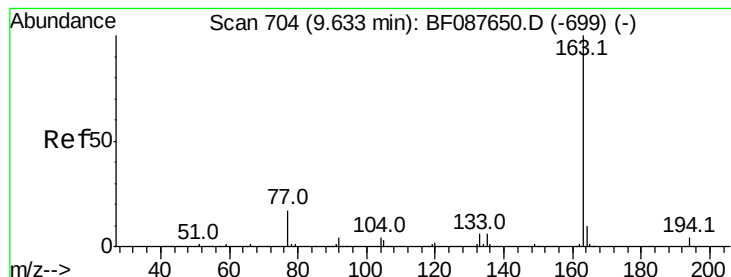
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	38.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8





#49

Dimethylphthalate

Concen: 6.08 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

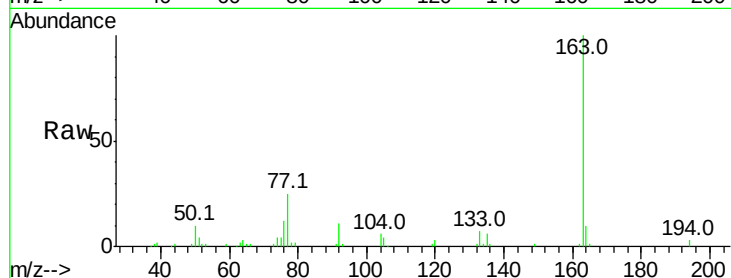
Tot Ion:163 Resp: 100277

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

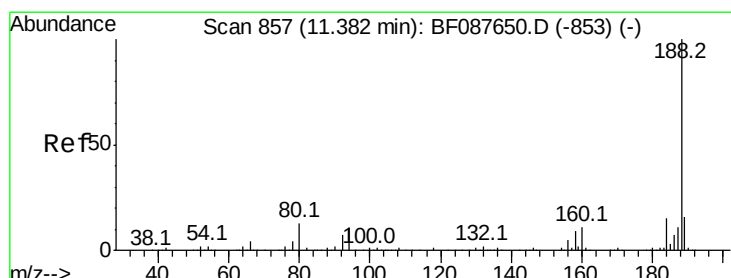
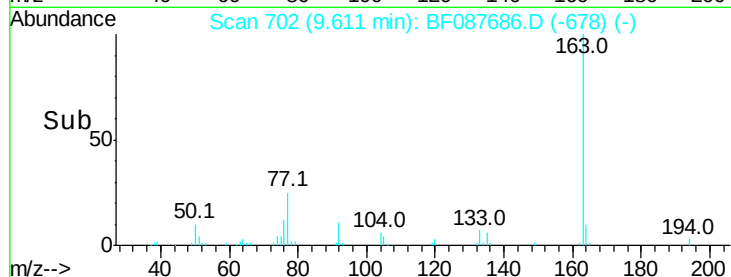
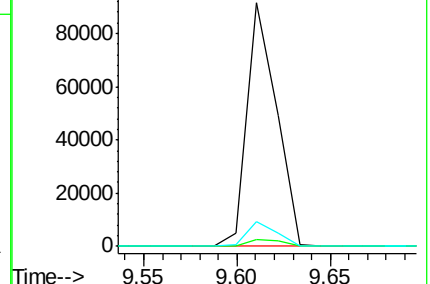
164 10.3 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

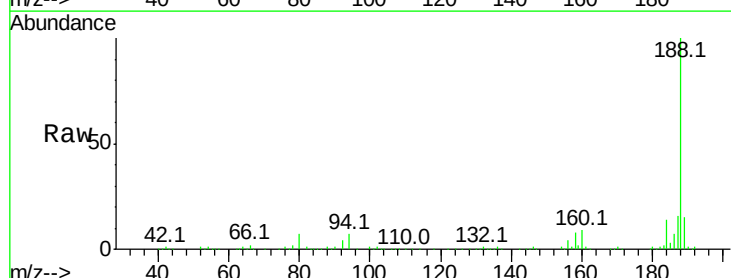
Tgt Ion:188 Resp: 434877

Ion Ratio Lower Upper

188 100

94 7.0 9.0 13.6#

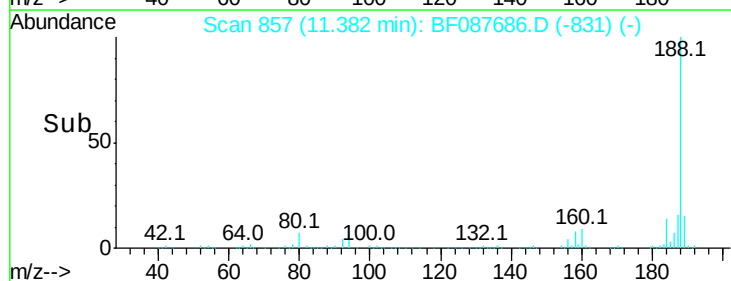
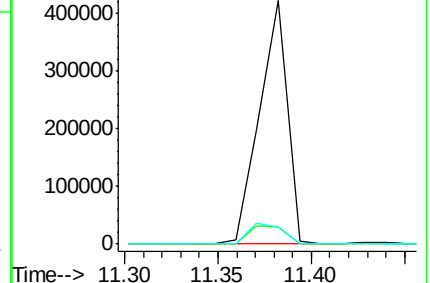
80 7.0 10.0 15.0#

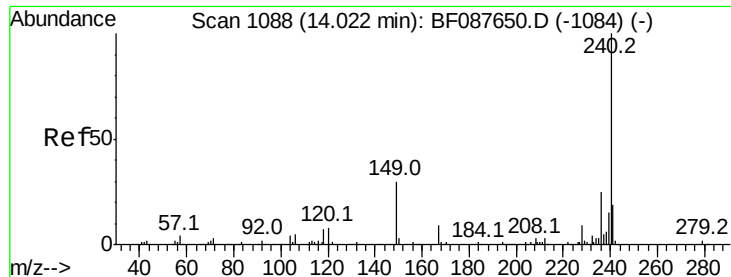


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

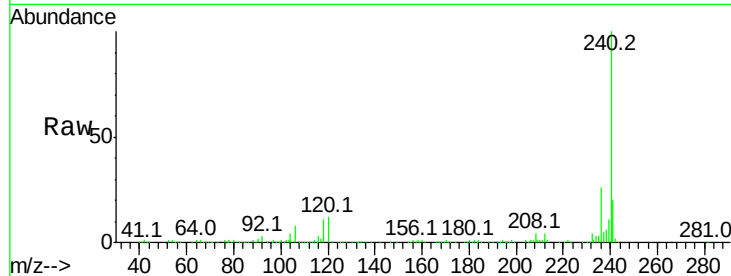
Tot Ion:240 Resp: 359402

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

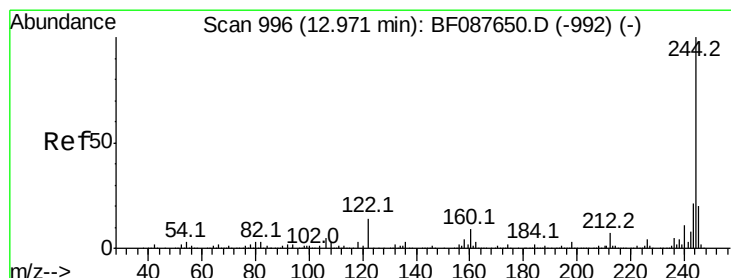
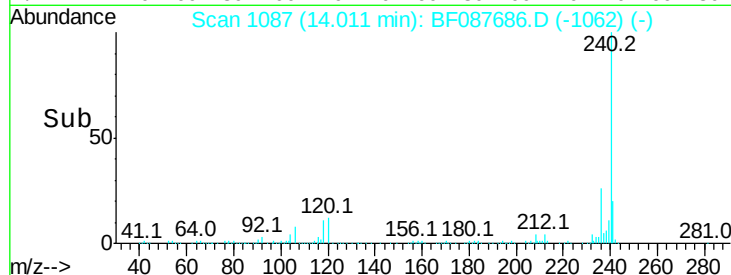
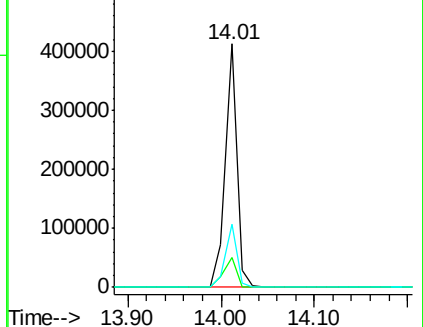
236 25.7 20.2 30.2



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: 68.08 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

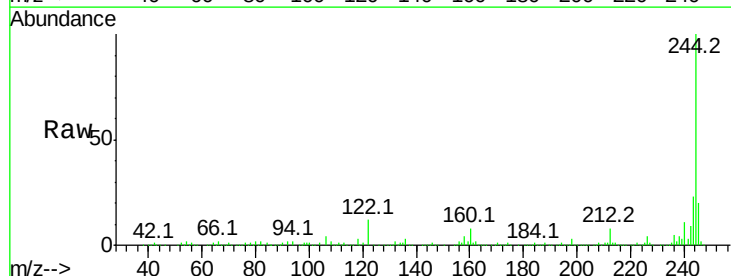
Tgt Ion:244 Resp: 1002686

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

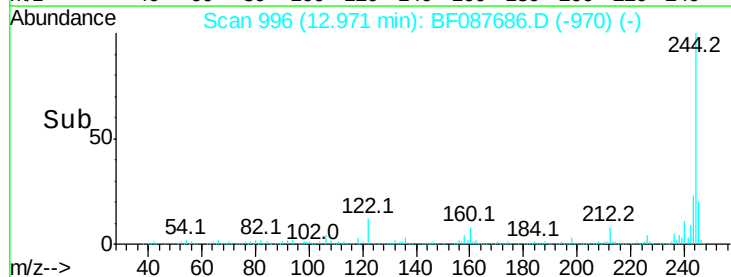
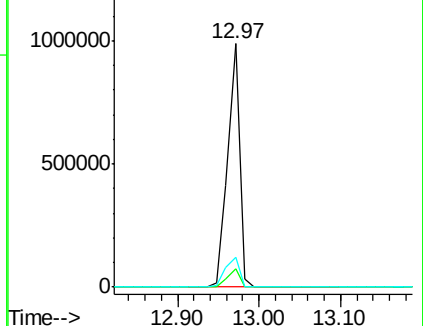
122 12.5 11.2 16.8

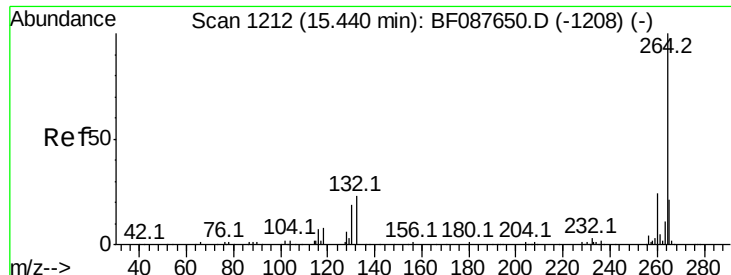


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

Instrument :
BNA_F
ClientSampleId :
BOTTOM-12BGL

Tot Ion:264 Resp: 272281

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	16.9	25.3

