

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087699.D
 Acq On : 5 Jun 2016 10:11
 Operator : UM/SJ
 Sample : H3345-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: Jun 06 02:12:05 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

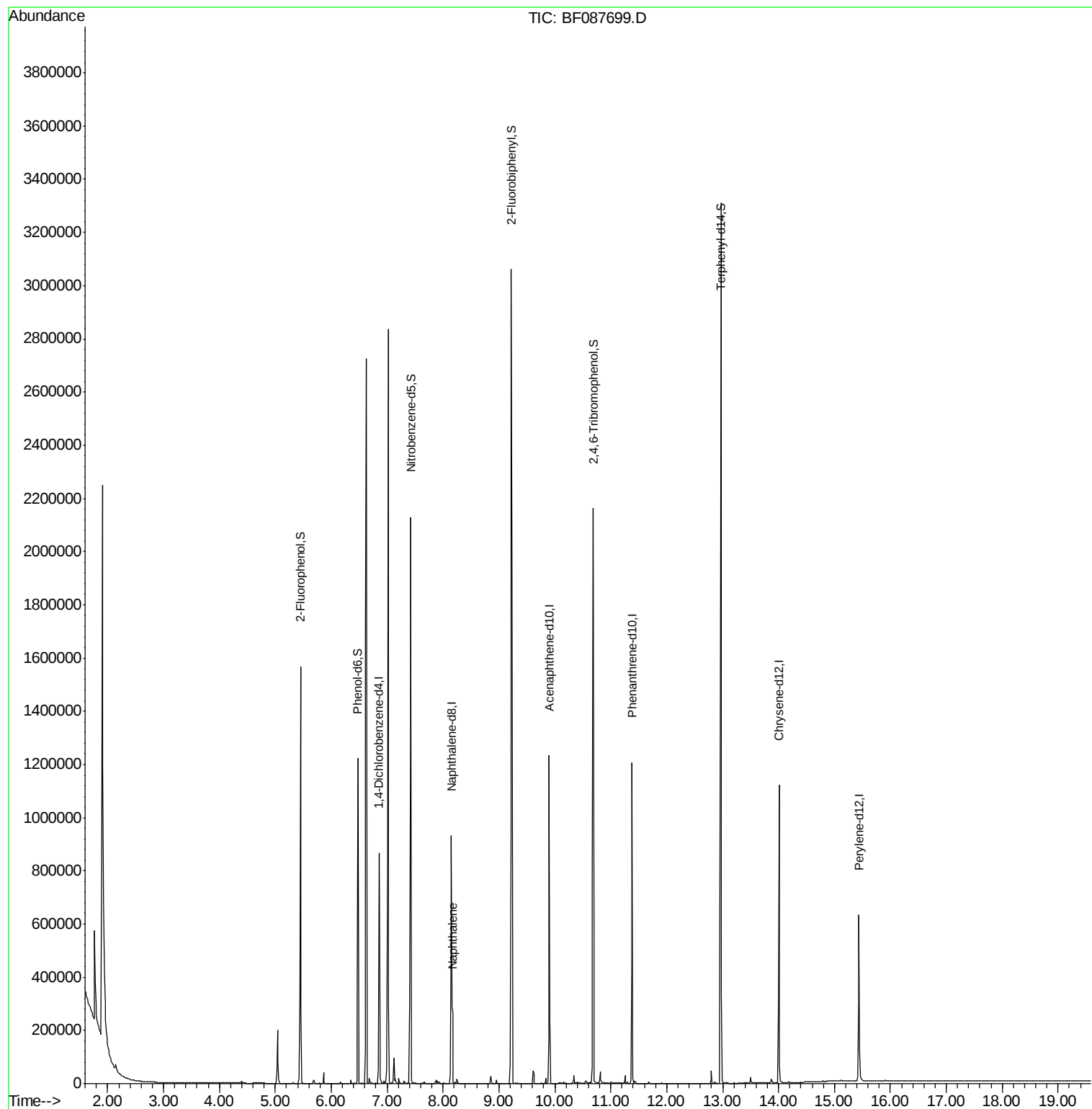
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125039	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	523232	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	239910	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	468455	20.00	ng	0.00
75) Chrysene-d12	14.01	240	374449	20.00	ng	-0.01
86) Perylene-d12	15.44	264	278900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	446804	57.76	ng	0.00
7) Phenol-d6	6.48	99	388517	40.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	877891	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	324398	134.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1453651	97.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1144072	74.55	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	199195	7.83	ng	Qvalue 97

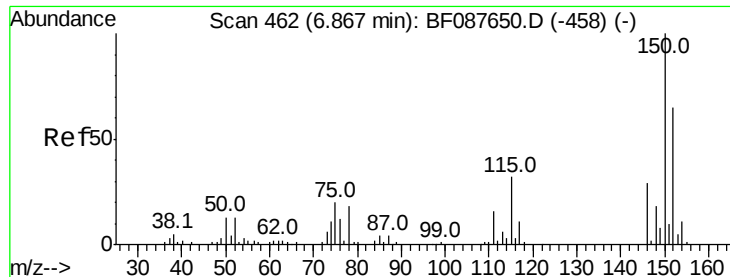
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

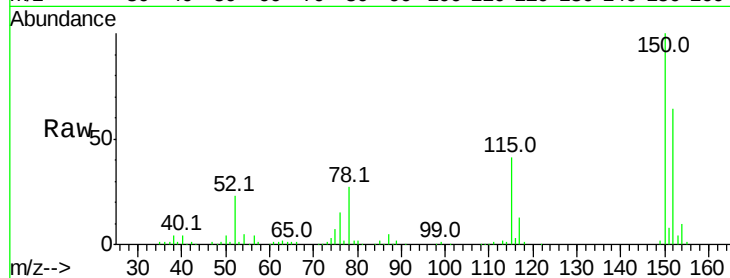
Tot Ion:152 Resp: 125039

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

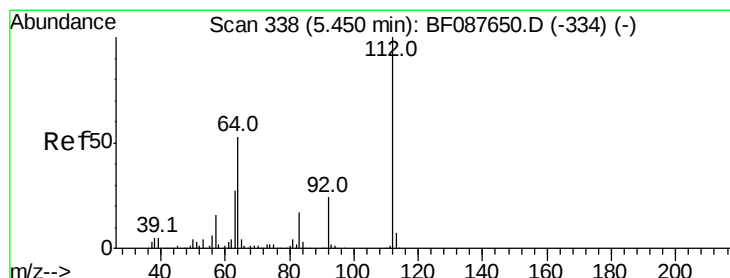
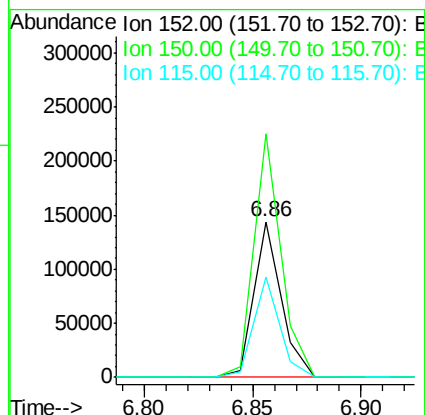
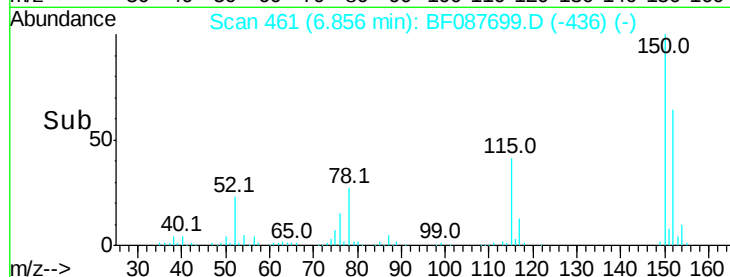
115 64.5 39.6 59.4#



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: 57.76 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

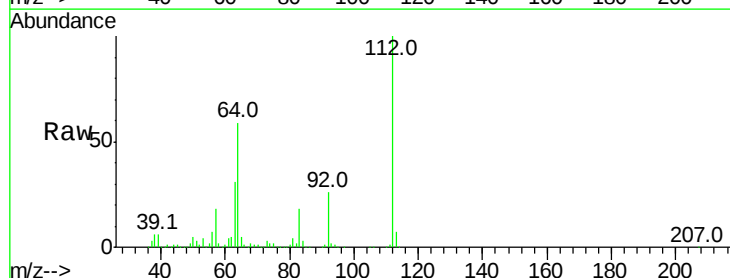
Tgt Ion:112 Resp: 446804

Ion Ratio Lower Upper

112 100

64 59.1 42.2 63.2

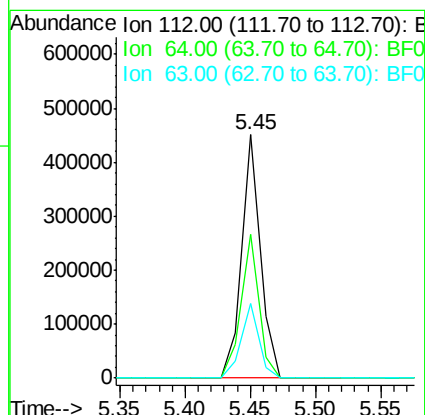
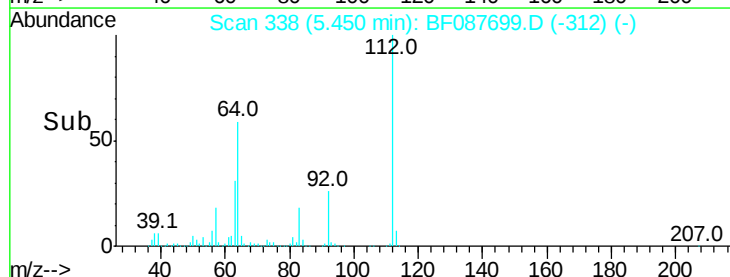
63 30.6 21.8 32.8

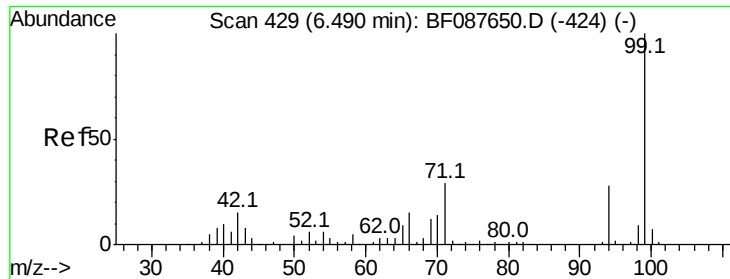


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

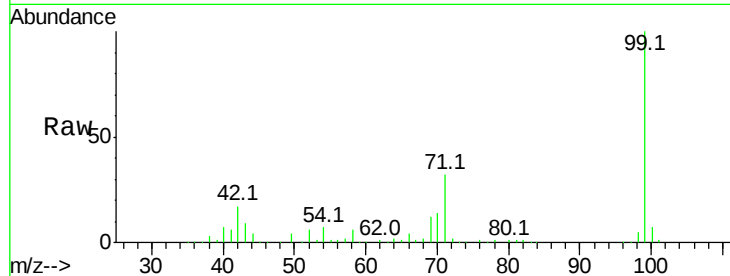
Tot Ion: 99 Resp: 388517

Ion Ratio Lower Upper

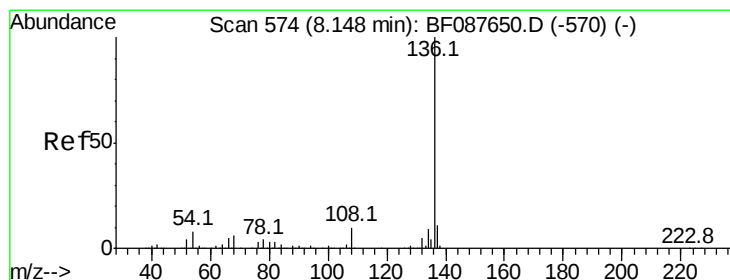
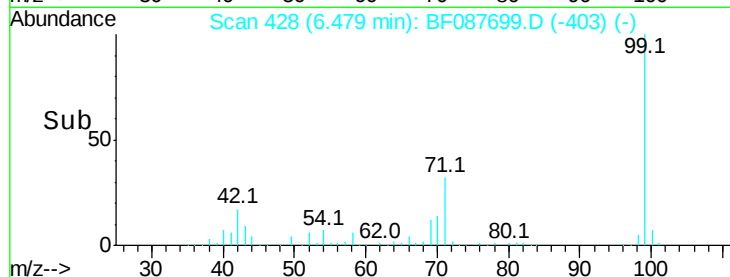
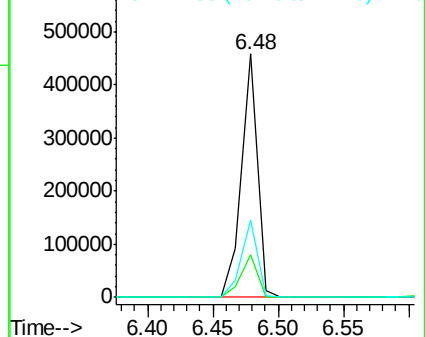
99 100

42 17.5 12.2 18.2

71 31.8 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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

Tgt Ion: 136 Resp: 523232

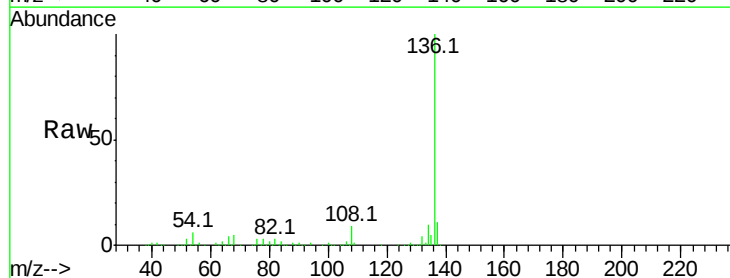
Ion Ratio Lower Upper

136 100

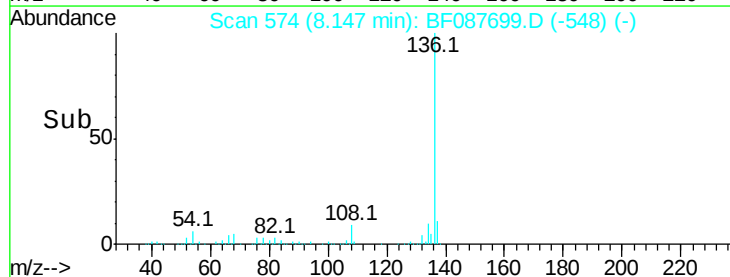
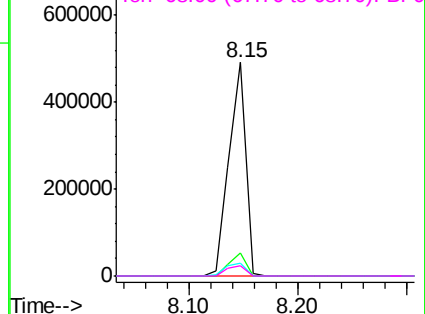
137 10.8 9.1 13.7

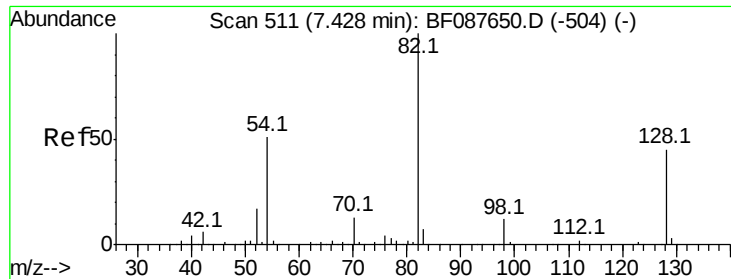
54 5.8 6.6 10.0#

68 4.9 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

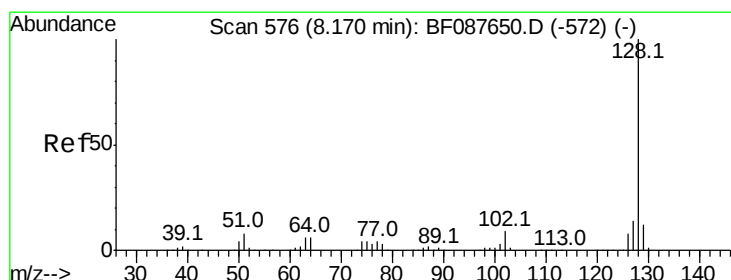
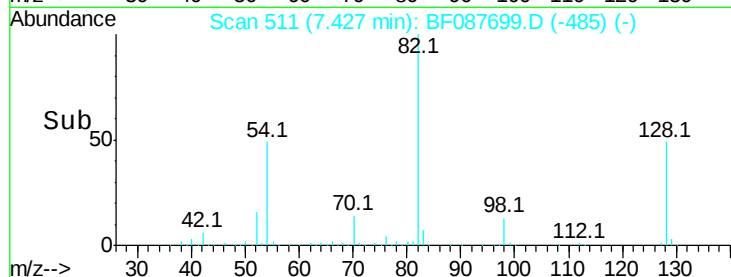
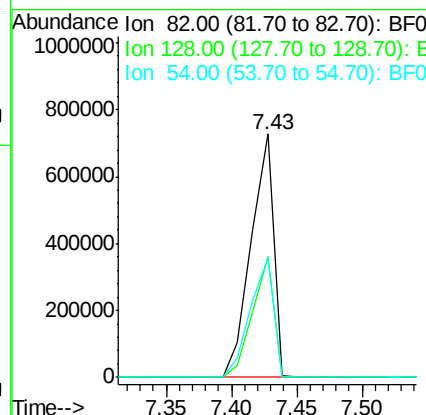
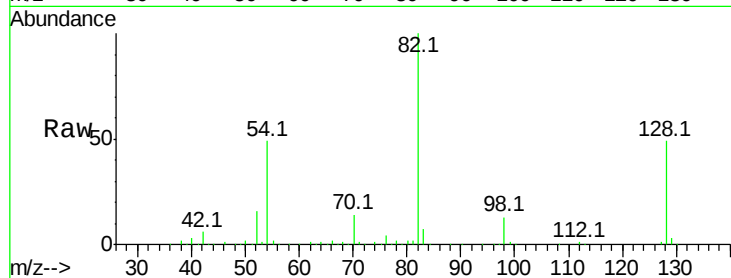




#23
 Nitrobenzene-d5
 Concen: 97.07 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

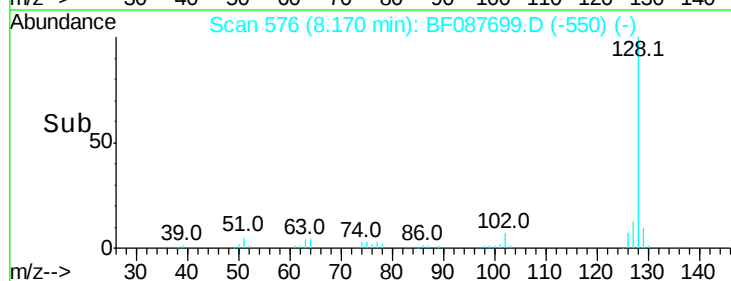
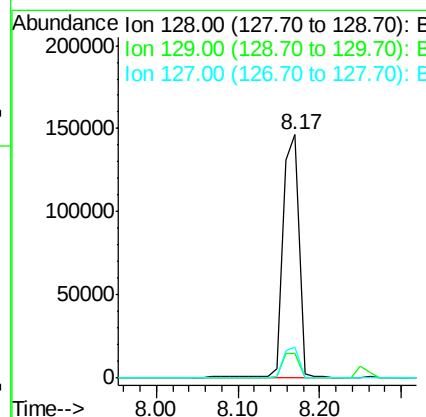
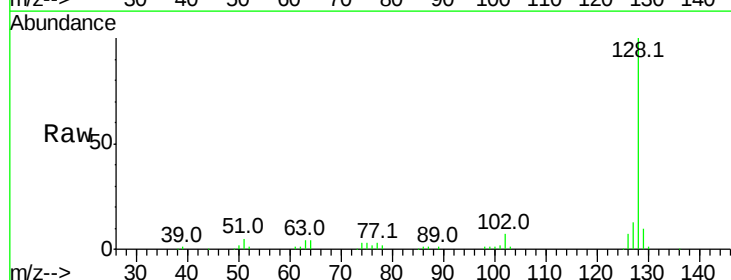
Instrument :
 BNA_F
 ClientSampled :
 FB-201605

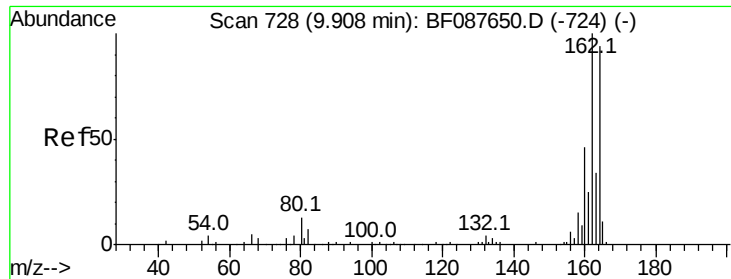
Tot Ion: 82 Resp: 877891
 Ion Ratio Lower Upper
 82 100
 128 49.5 35.9 53.9
 54 49.1 40.9 61.3



#31
 Naphthalene
 Concen: 7.83 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Tgt Ion: 128 Resp: 199195
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.4 14.2
 127 12.9 10.9 16.3

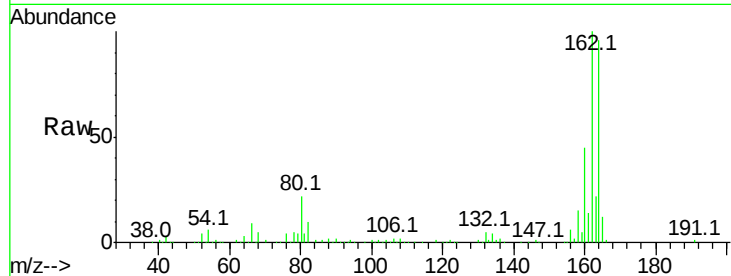




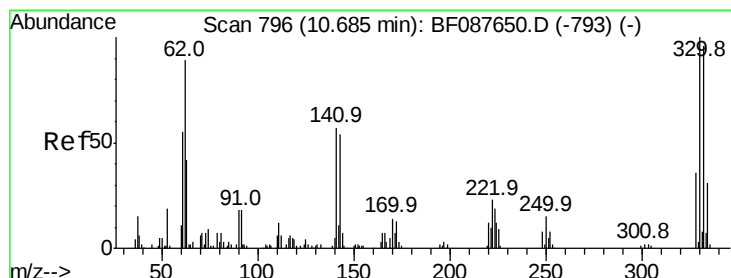
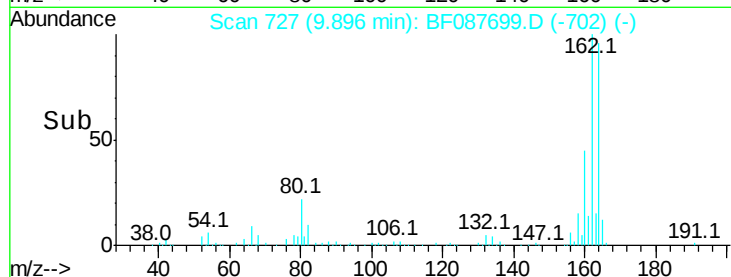
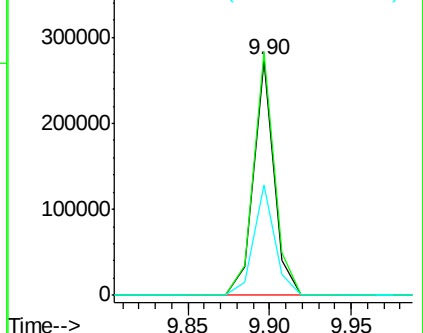
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tot Ion:164 Resp: 239910
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.2
160 47.1 39.5 59.3

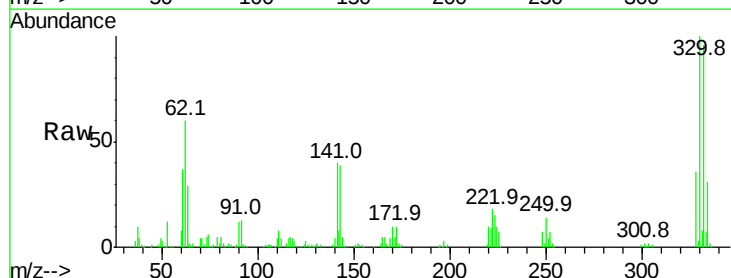


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

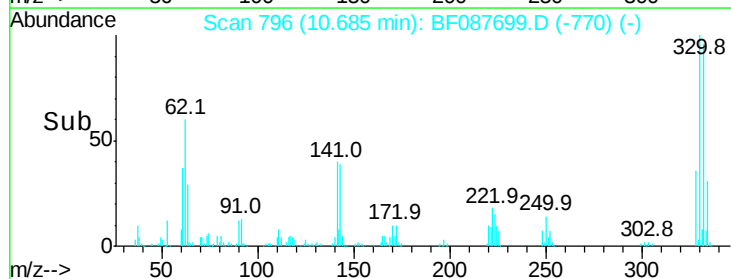
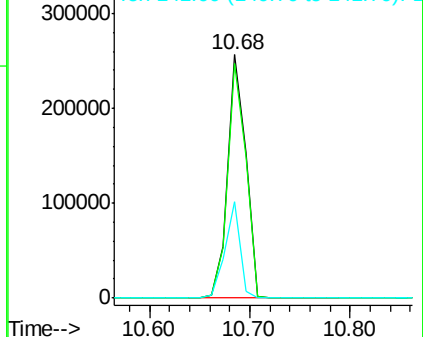


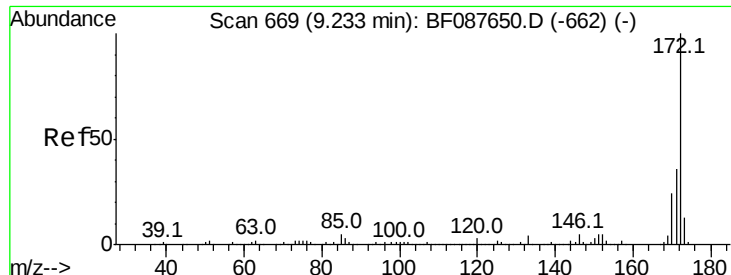
#41
2,4,6-Tribromophenol
Concen: 134.70 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:330 Resp: 324398
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 32.7 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



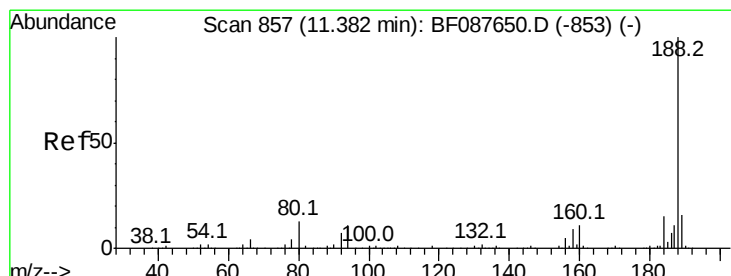
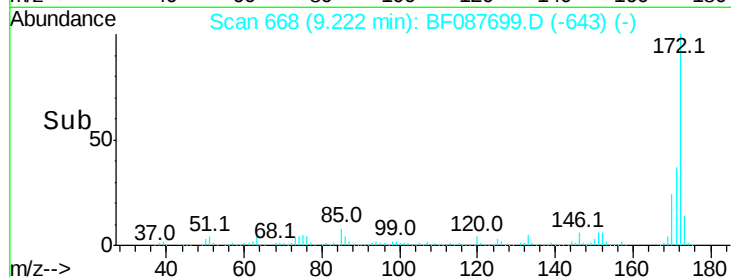
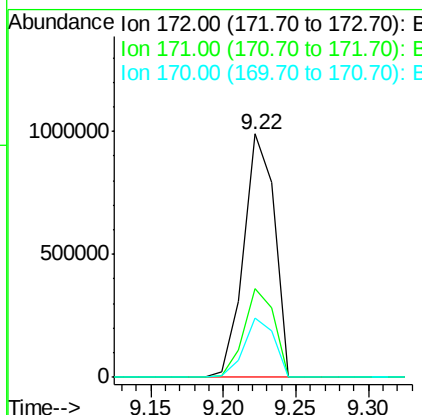
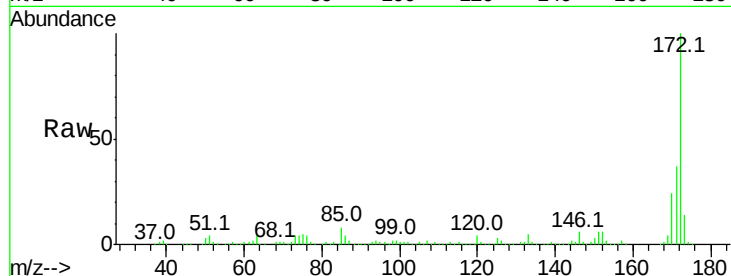


#44
 2-Fluorobiphenyl
 Concen: 97.80 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Tot Ion:172 Resp: 1453651

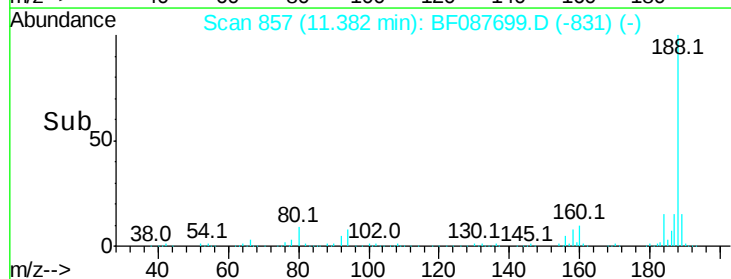
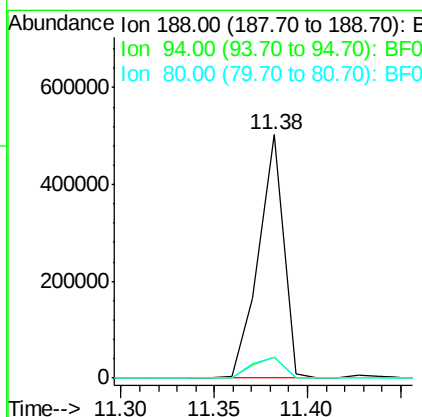
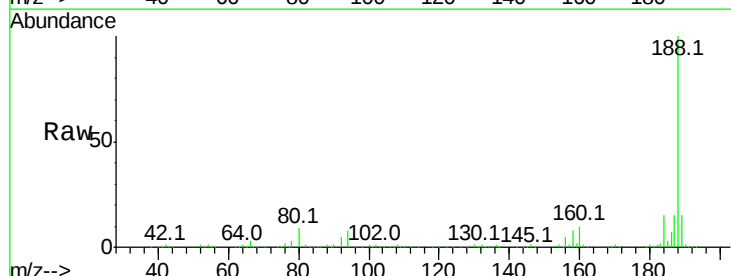
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8

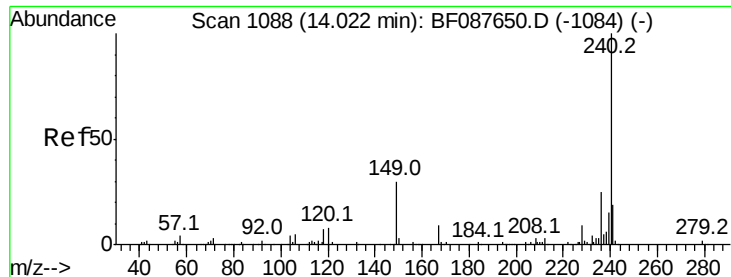


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Tgt Ion:188 Resp: 468455

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.6#
80	8.7	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: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampled :

FB-201605

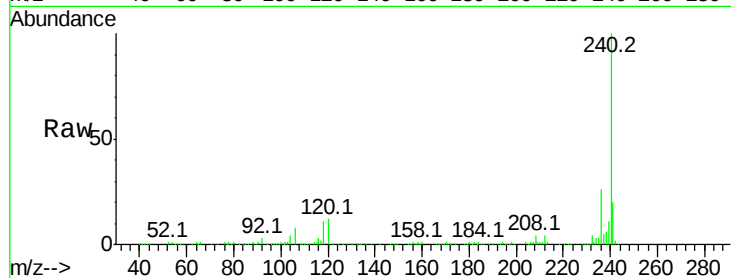
Tot Ion:240 Resp: 374449

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

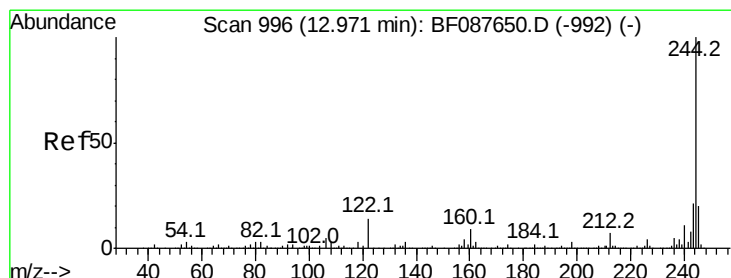
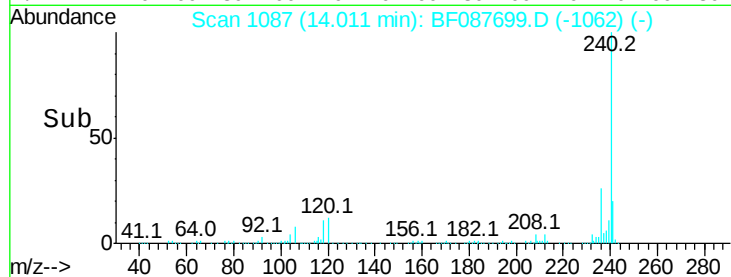
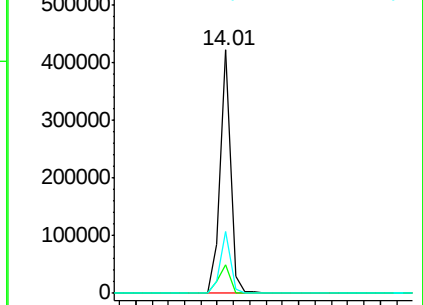
236 25.5 20.2 30.2



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: 74.55 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

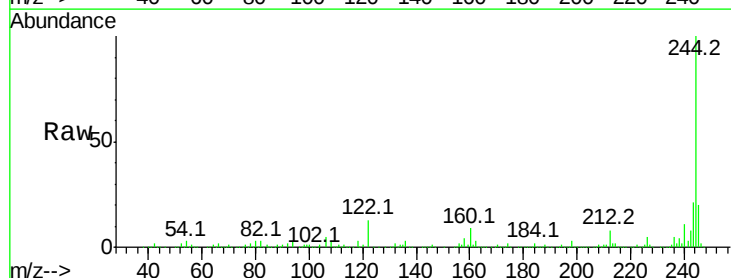
Tgt Ion:244 Resp: 1144072

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

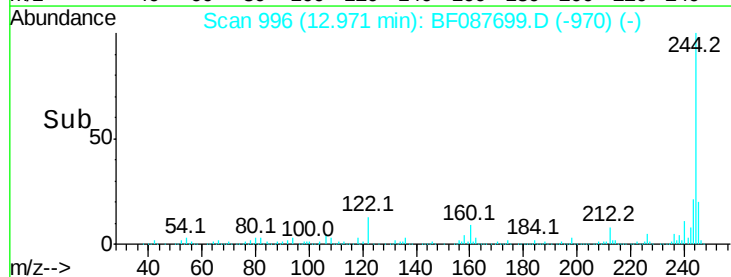
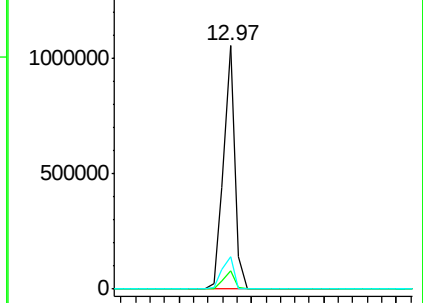
122 13.4 11.2 16.8

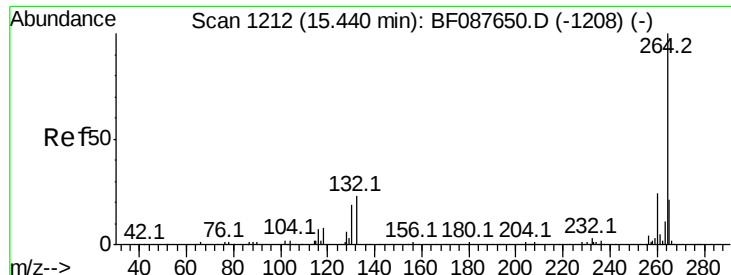


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



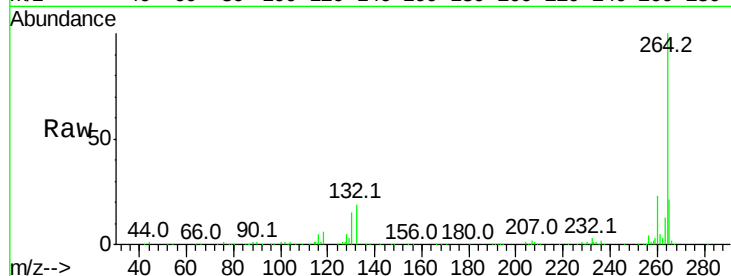


#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tot Ion:264 Resp: 278900

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	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

