

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087759.D
 Acq On : 6 Jun 2016 18:46
 Operator : UM/SJ
 Sample : H3382-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 07 01:40:48 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

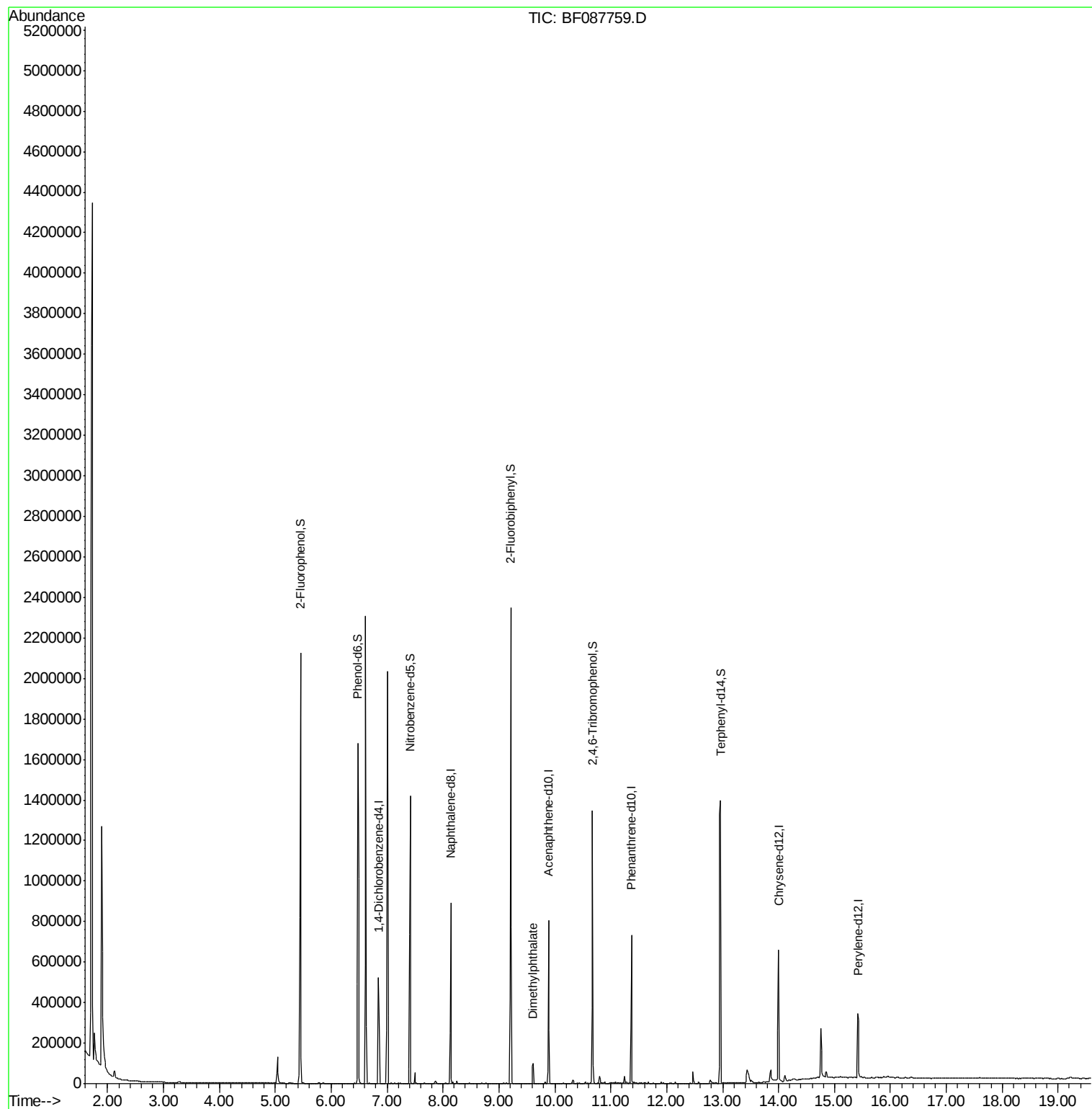
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	99225	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	412542	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	165330	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	286072	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	226974	20.00	ng	-0.02
86) Perylene-d12	15.43	264	171717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	629348	102.52	ng	0.00
7) Phenol-d6	6.48	99	835657	108.54	ng	-0.01
23) Nitrobenzene-d5	7.42	82	534542	74.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	155597	93.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	854035	76.91	ng	-0.02
78) Terphenyl-d14	12.96	244	657804	70.72	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	63452	5.28	ng	Qvalue 98

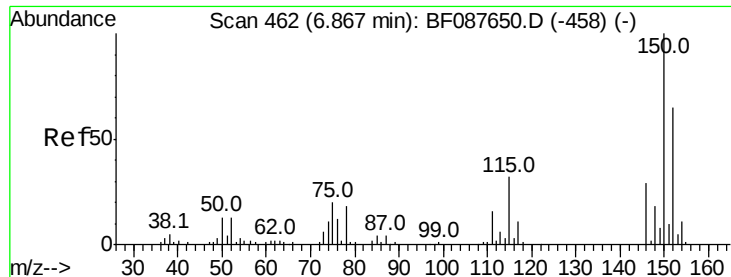
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

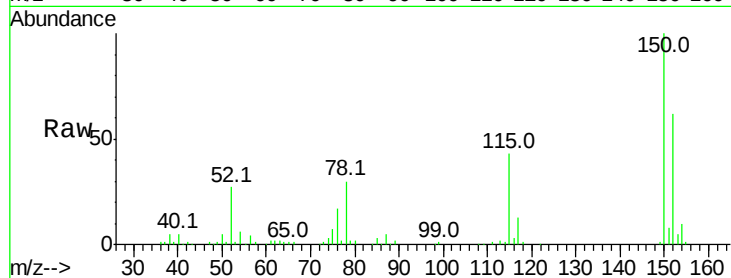
Tot Ion:152 Resp: 99225

Ion Ratio Lower Upper

152 100

150 161.2 123.8 185.6

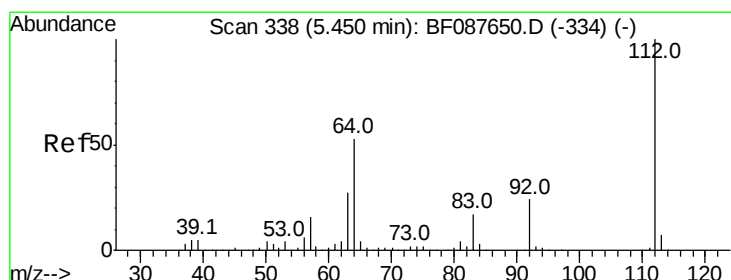
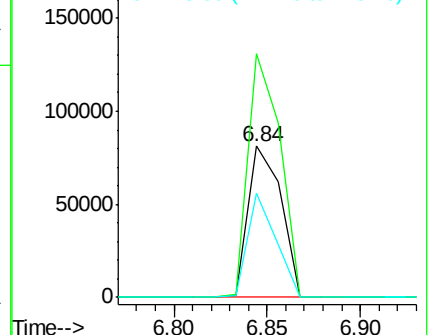
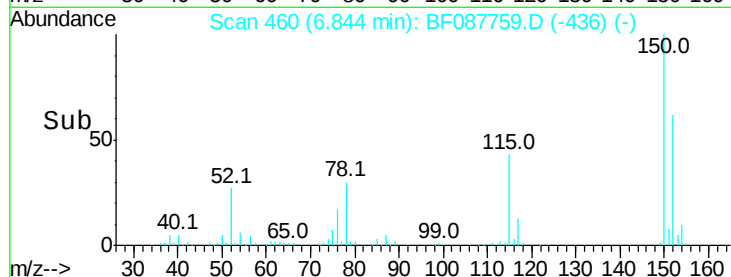
115 69.3 39.6 59.4#



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: 102.52 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

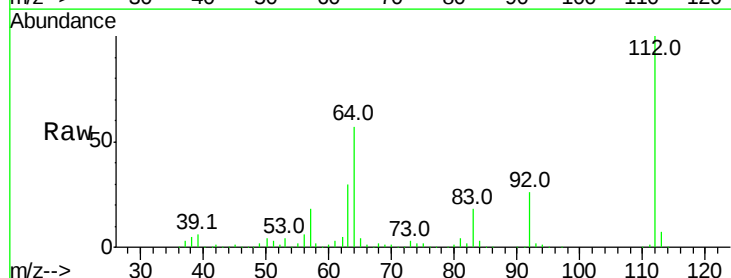
Tgt Ion:112 Resp: 629348

Ion Ratio Lower Upper

112 100

64 57.4 42.2 63.2

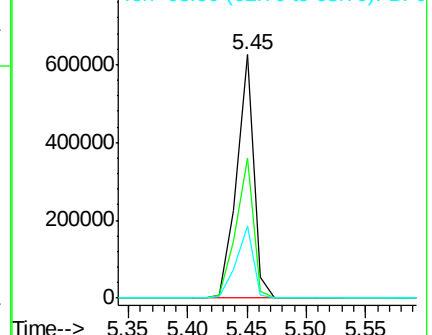
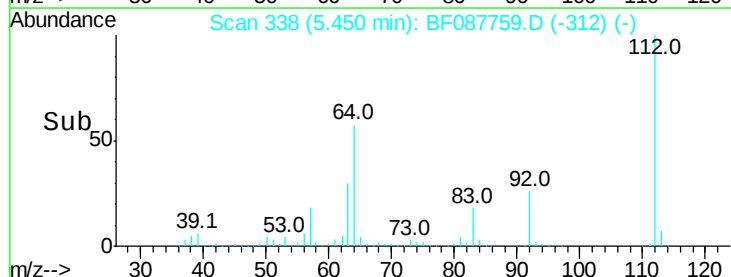
63 29.8 21.8 32.8

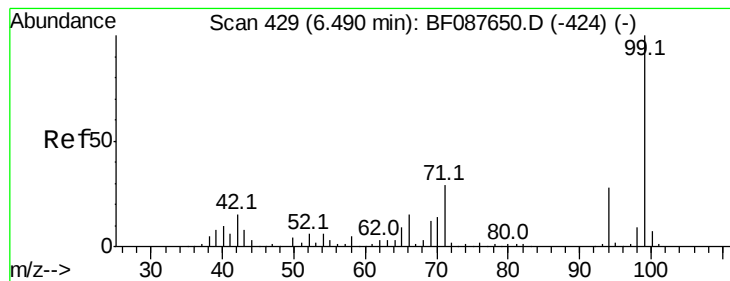


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.54 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

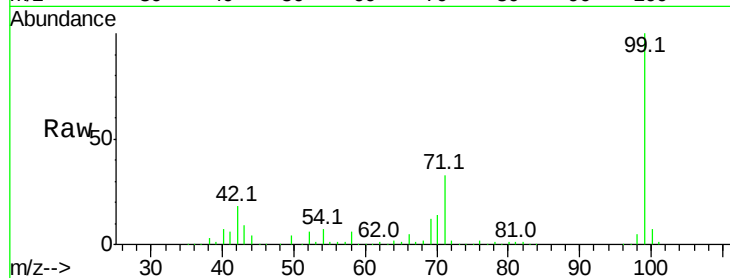
Tot Ion: 99 Resp: 835657

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

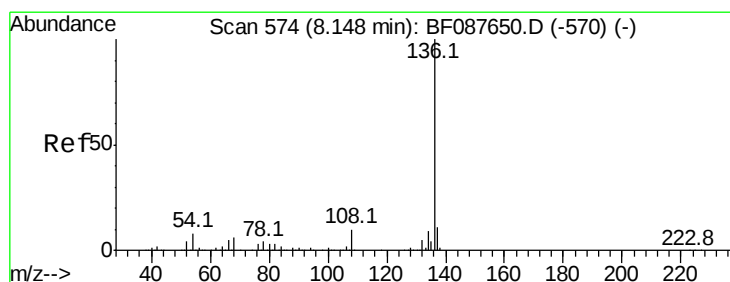
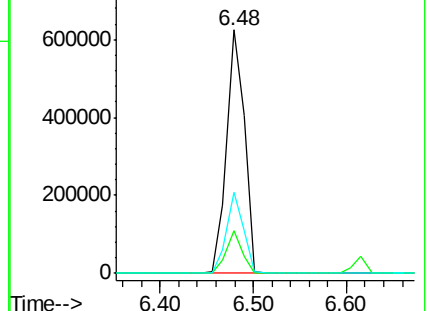
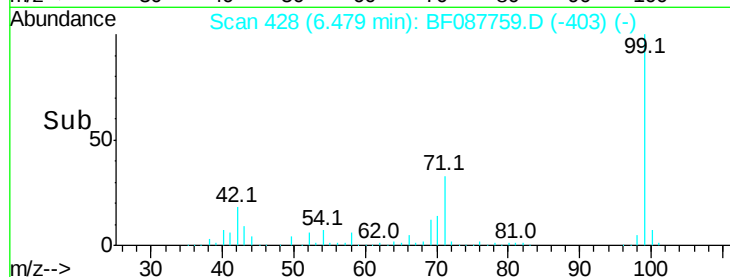
71 33.3 23.4 35.0



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: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Tgt Ion: 136 Resp: 412542

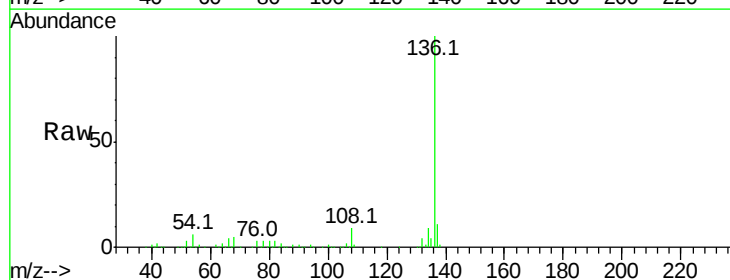
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.5 6.6 10.0#

68 5.2 5.1 7.7

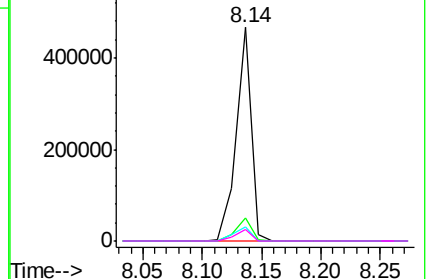
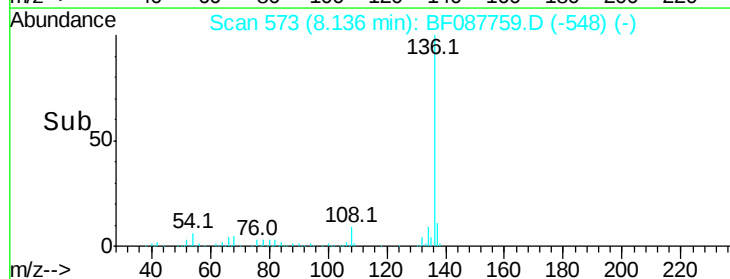


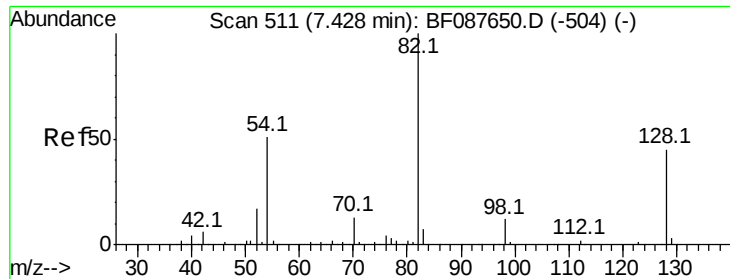
Abundance Ion 136.00 (135.70 to 136.70): E

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

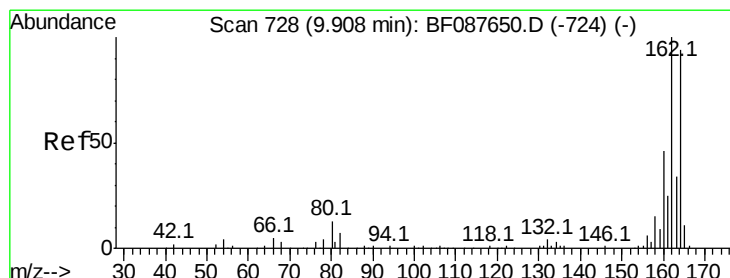
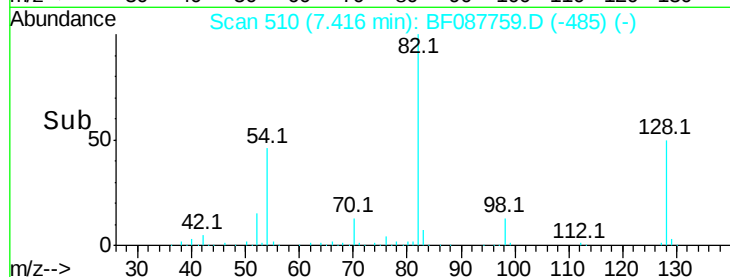
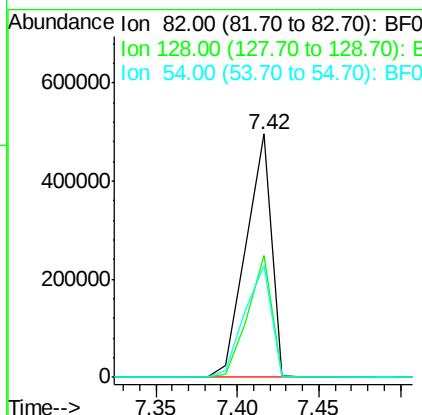
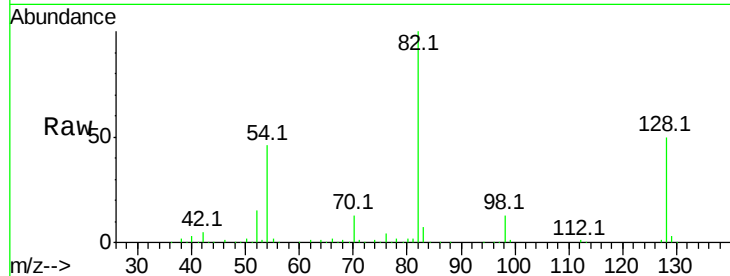




#23
 Nitrobenzene-d5
 Concen: 74.97 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

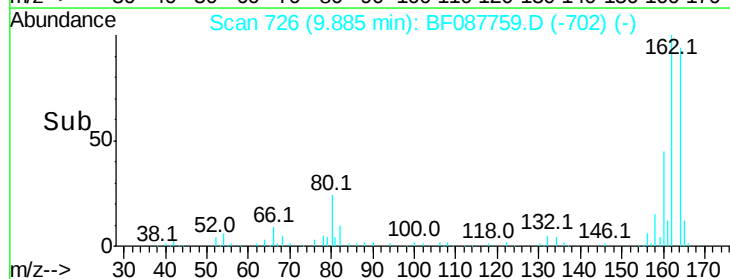
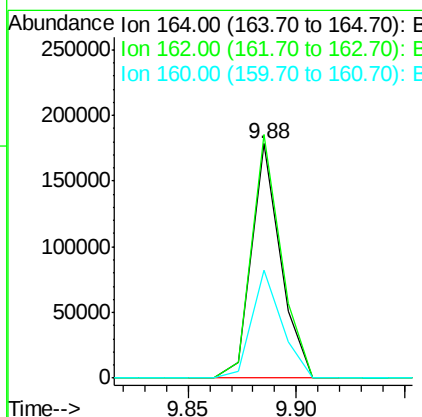
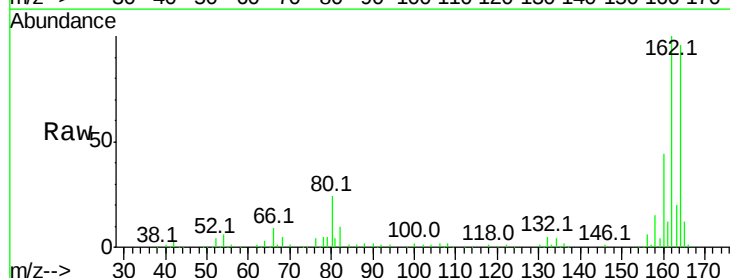
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

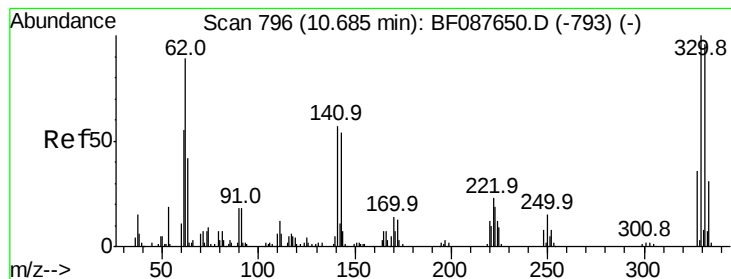
Tot Ion	82	Resp	534542
Ion Ratio	Lower	Upper	
82	100		
128	50.1	35.9	53.9
54	46.1	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087759.D
 Acq: 6 Jun 2016 18:46

Tgt Ion	164	Resp	165330
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.4	128.2
160	46.2	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 93.76 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

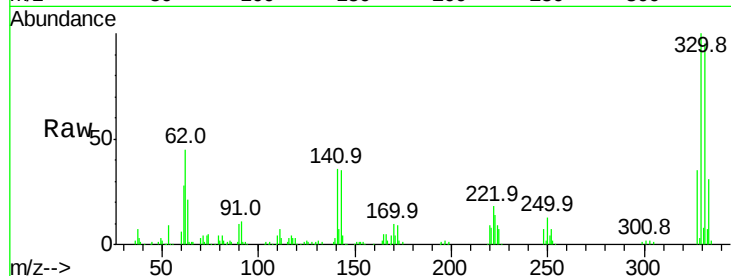
Tot Ion:330 Resp: 155597

Ion Ratio Lower Upper

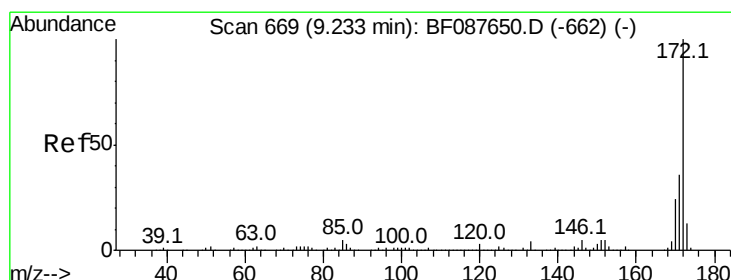
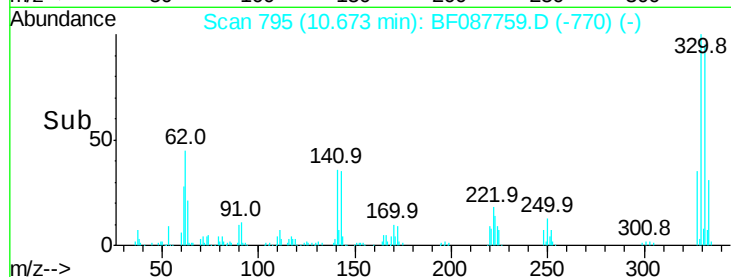
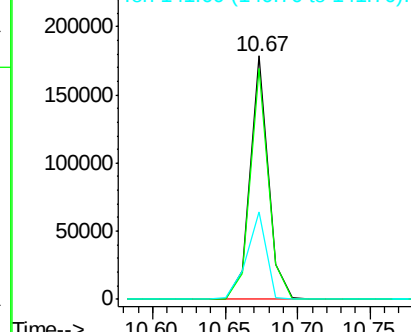
330 100

332 94.9 0.0 0.0#

141 38.6 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: 76.91 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

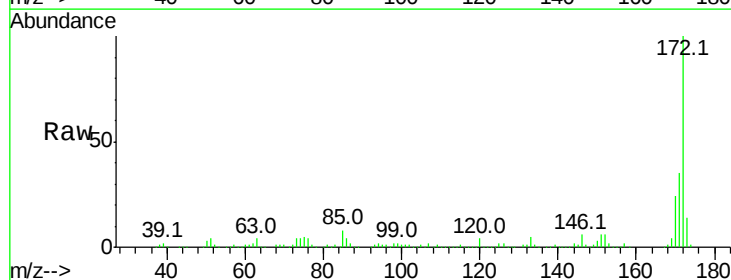
Tgt Ion:172 Resp: 854035

Ion Ratio Lower Upper

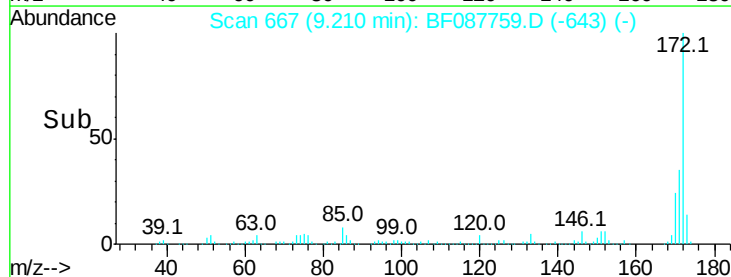
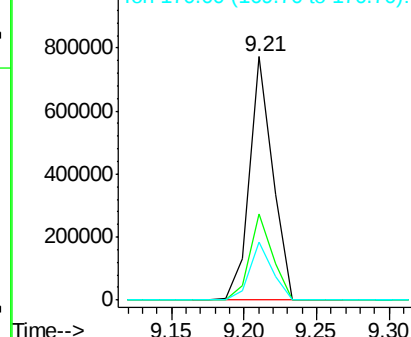
172 100

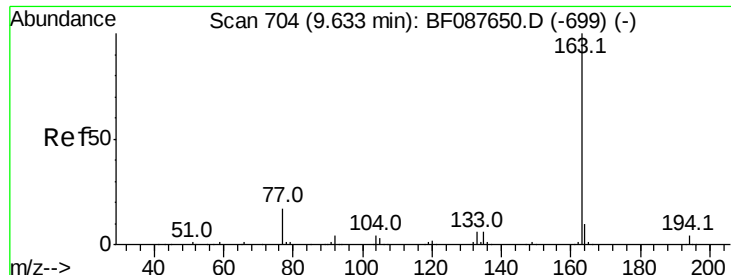
171 35.5 28.6 43.0

170 23.9 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

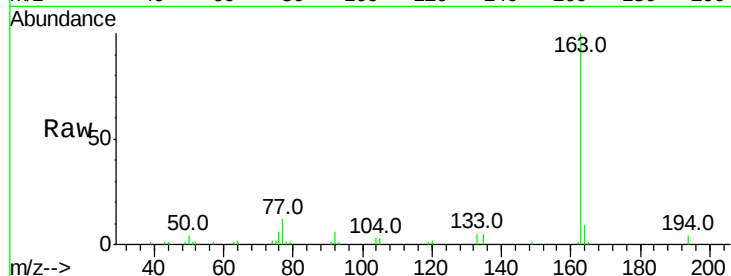




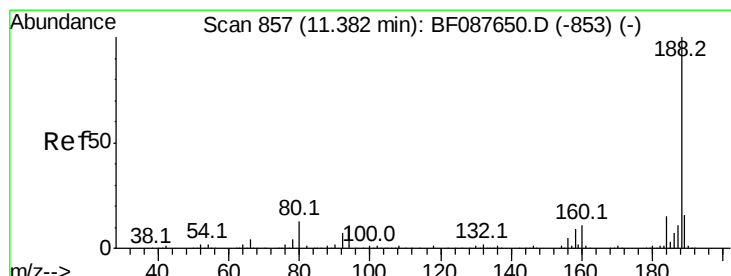
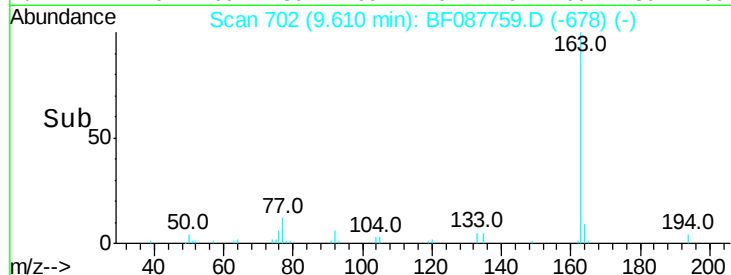
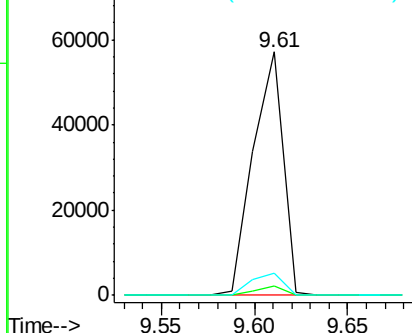
#49
Dimethylphthalate
Concen: 5.28 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:163 Resp: 63452
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.3 8.3 12.5

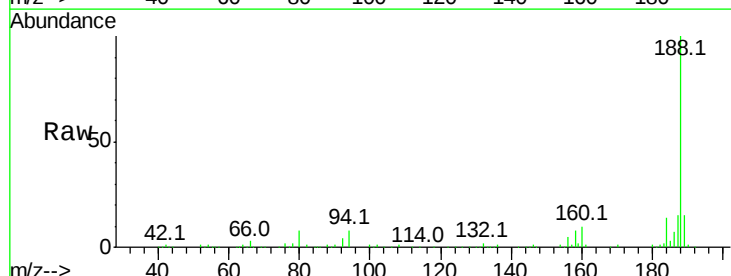


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

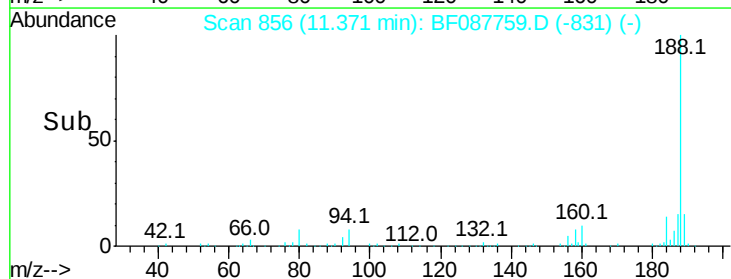
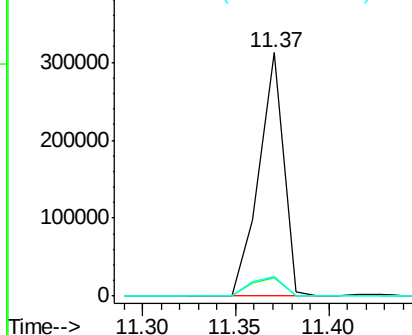


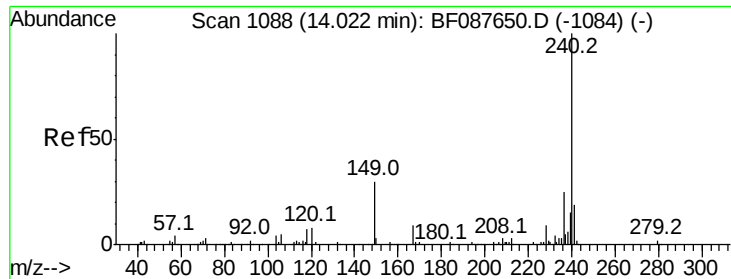
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Tgt Ion:188 Resp: 286072
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 7.8 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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

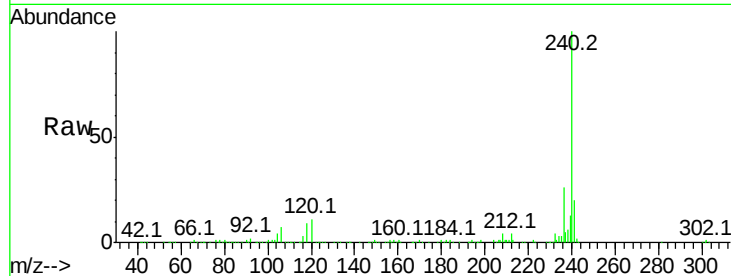
Tot Ion:240 Resp: 226974

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

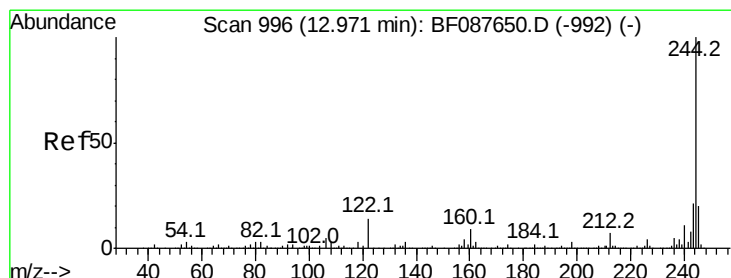
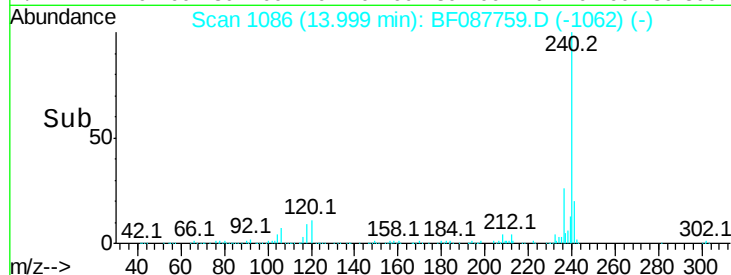
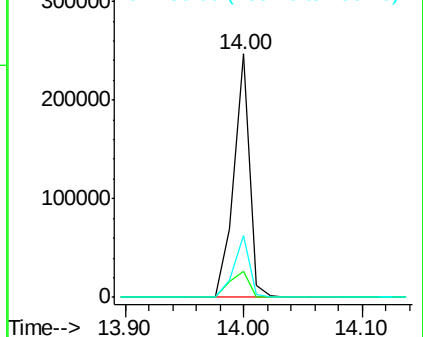
236 25.6 20.2 30.2



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: 70.72 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087759.D

Acq: 6 Jun 2016 18:46

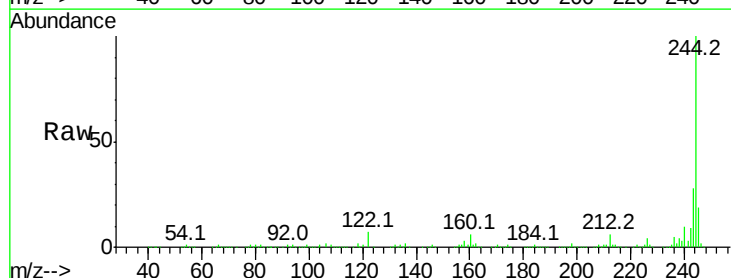
Tgt Ion:244 Resp: 657804

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

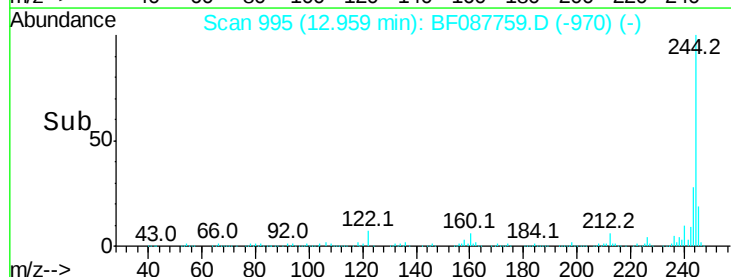
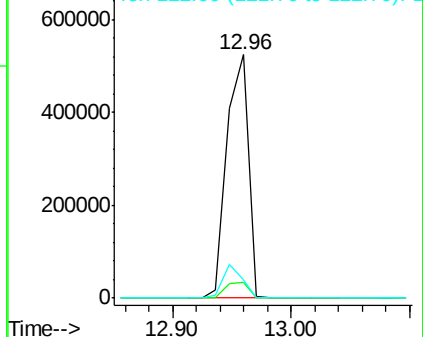
122 7.3 11.2 16.8#

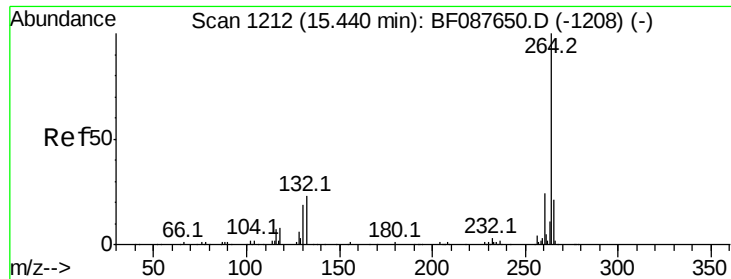


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087759.D
Acq: 6 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:264 Resp: 171717

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	16.9	25.3

