

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087842.D
 Acq On : 9 Jun 2016 9:10
 Operator : UM/SJ
 Sample : H3446-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-51-060616

Quant Time: Jun 09 14:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

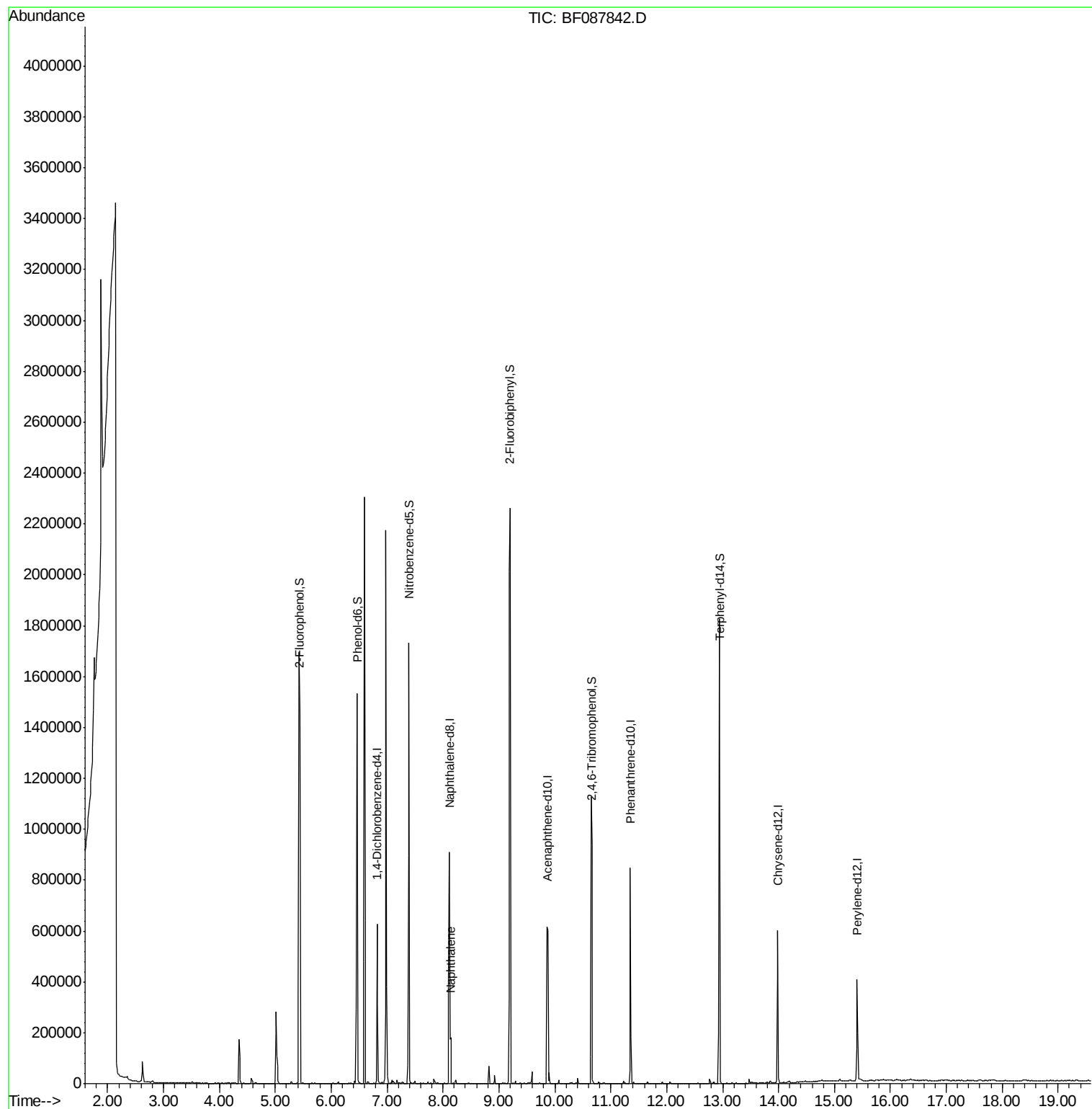
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111201	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	458518	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	184950	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	296899	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	264535	20.00	ng	0.00
86) Perylene-d12	15.41	264	187182	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	760127	116.86	ng	0.01
7) Phenol-d6	6.47	99	898361	113.96	ng	-0.01
23) Nitrobenzene-d5	7.39	82	647643	82.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	215699	110.45	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1130152	96.76	ng	-0.01
78) Terphenyl-d14	12.95	244	839608	72.22	ng	0.00
Target Compounds						
31) Naphthalene	8.14	128	121144	5.34	ng	Qvalue 98

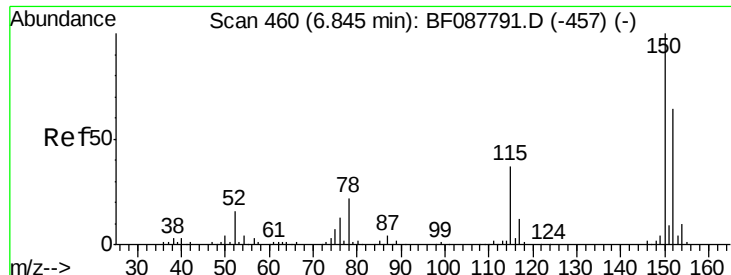
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-51-060616

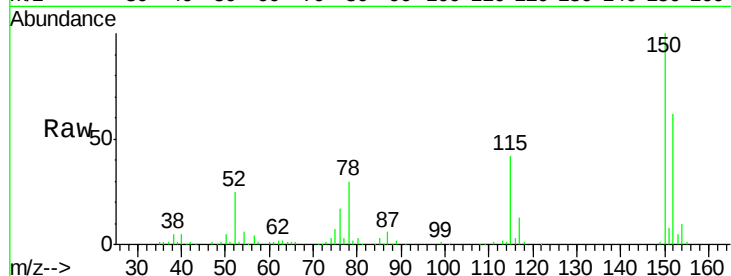
Tot Ion:152 Resp: 111201

Ion Ratio Lower Upper

152 100

150 162.0 123.8 185.6

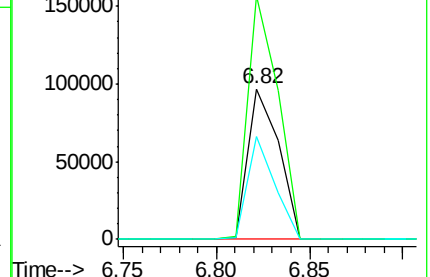
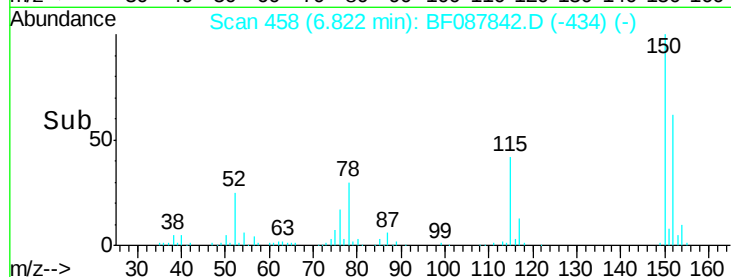
115 68.8 39.6 59.4#



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: 116.86 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

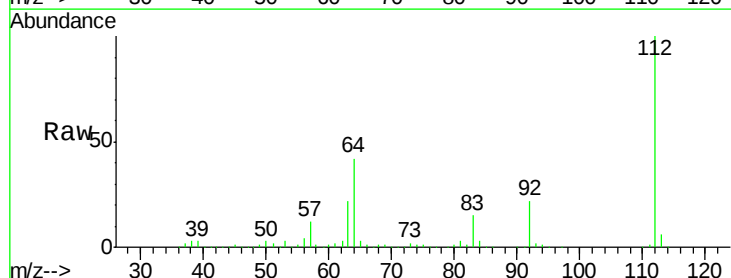
Tgt Ion:112 Resp: 760127

Ion Ratio Lower Upper

112 100

64 42.4 42.2 63.2

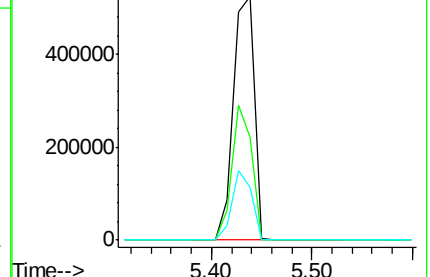
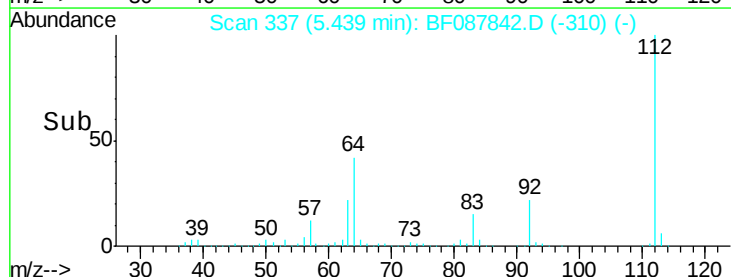
63 21.6 21.8 32.8#



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: 113.96 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-51-060616

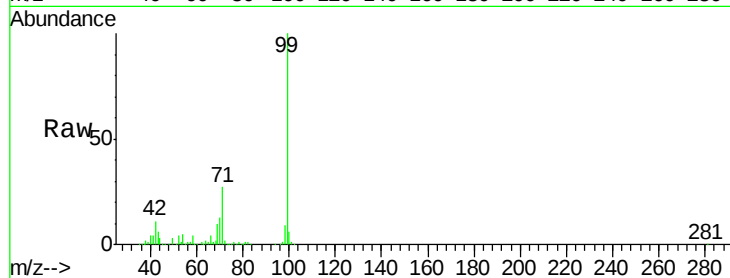
Tot Ion: 99 Resp: 898361

Ion Ratio Lower Upper

99 100

42 11.3 12.2 18.2#

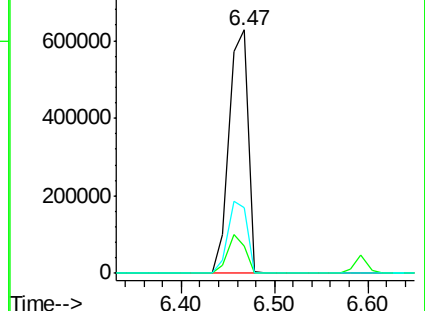
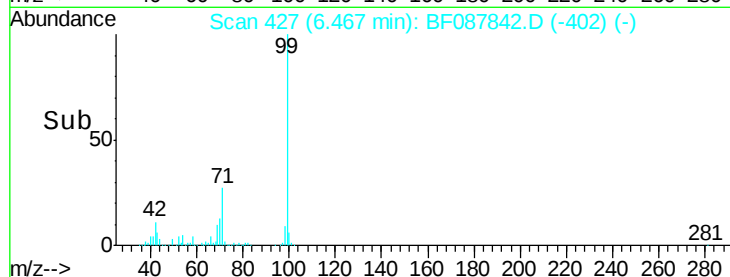
71 26.8 23.4 35.0



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: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

Tgt Ion: 136 Resp: 458518

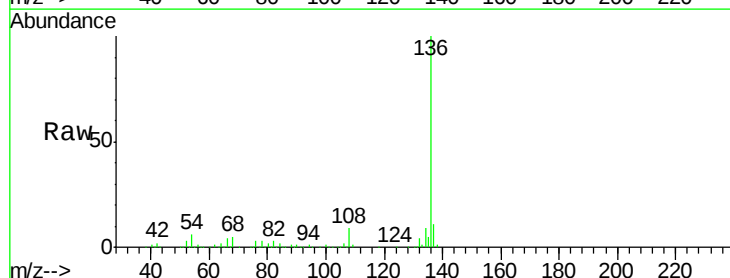
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 6.6 10.0#

68 4.8 5.1 7.7#

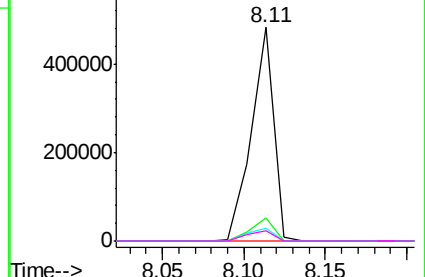
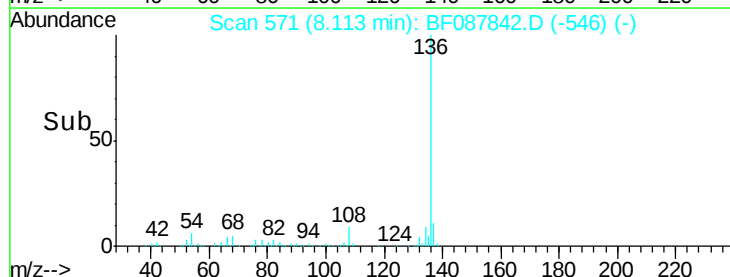


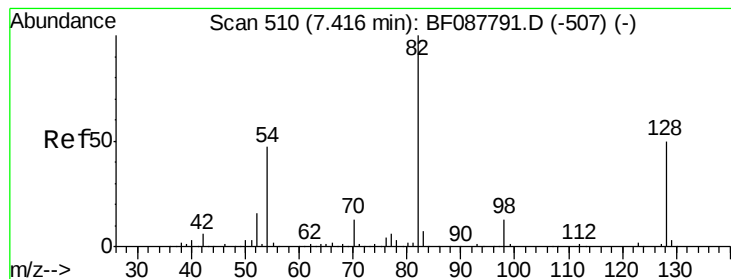
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.48 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-51-060616

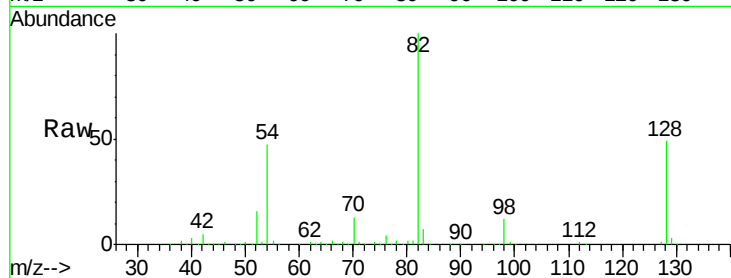
Tot Ion: 82 Resp: 647643

Ion Ratio Lower Upper

82 100

128 49.2 35.9 53.9

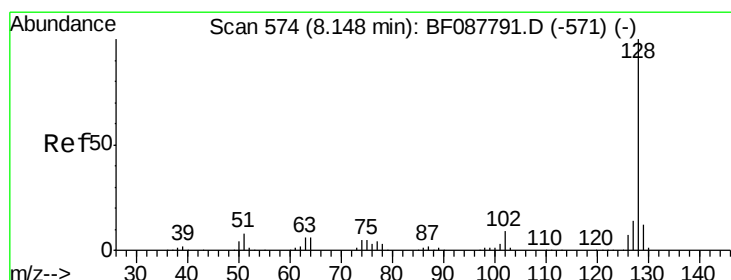
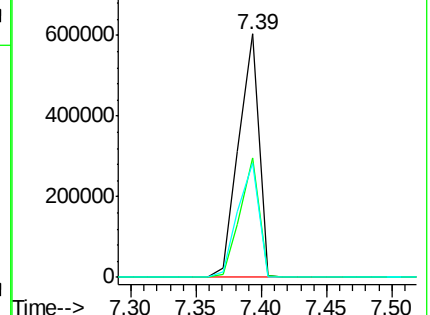
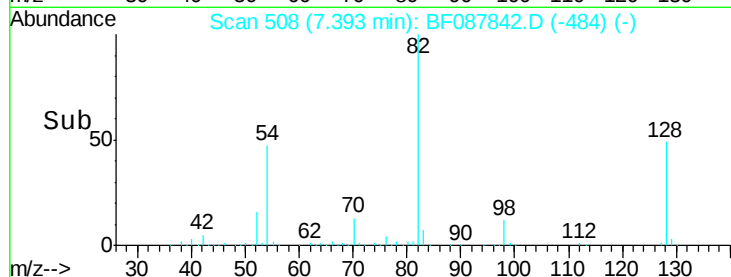
54 46.8 40.9 61.3



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



#31

Naphthalene

Concen: 5.34 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

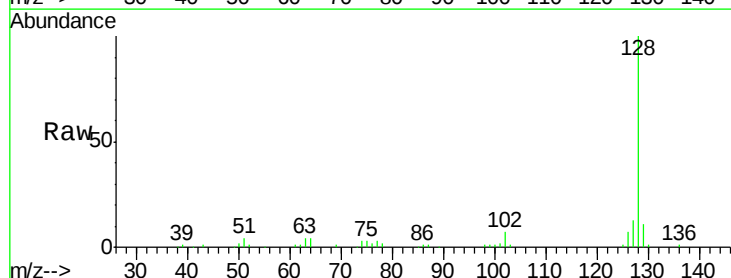
Tgt Ion:128 Resp: 121144

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

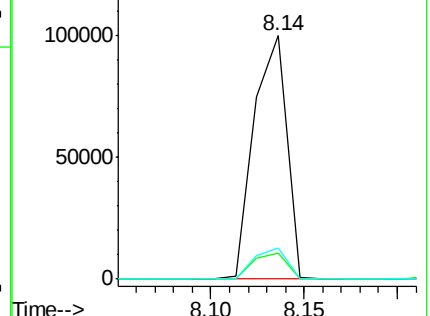
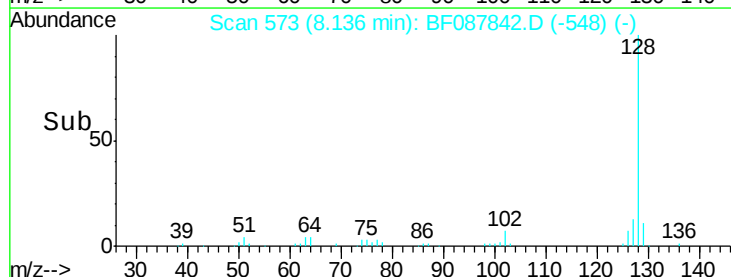
127 12.6 10.9 16.3

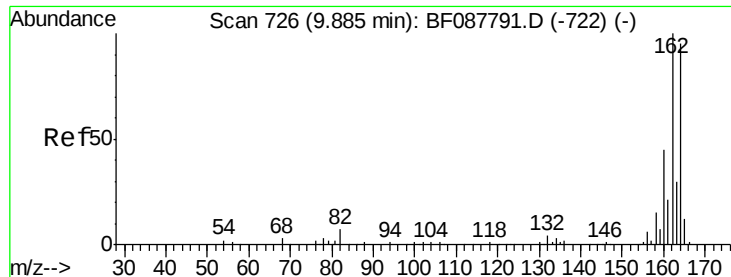


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

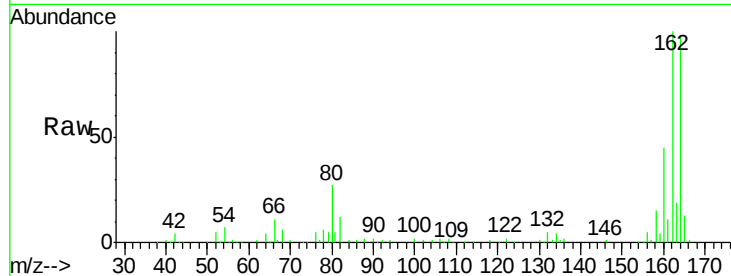




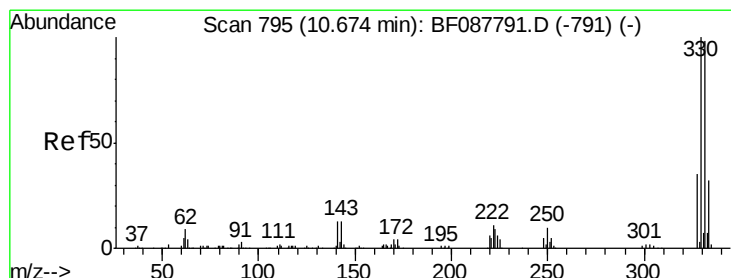
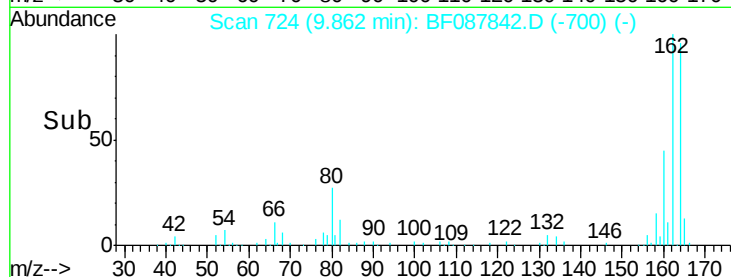
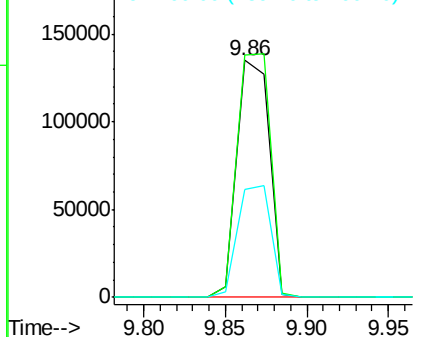
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF087842.D
Acq: 9 Jun 2016 9:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-51-060616

Tot Ion:164 Resp: 184950
Ion Ratio Lower Upper
164 100
162 102.3 85.4 128.2
160 45.6 39.5 59.3

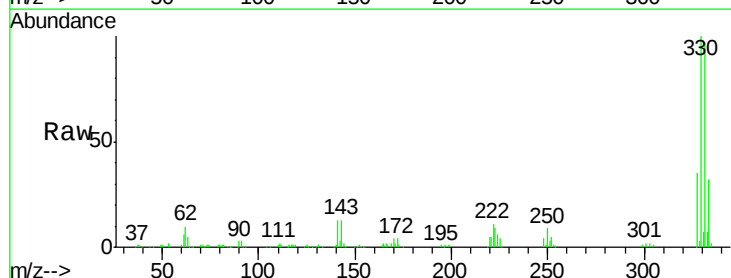


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

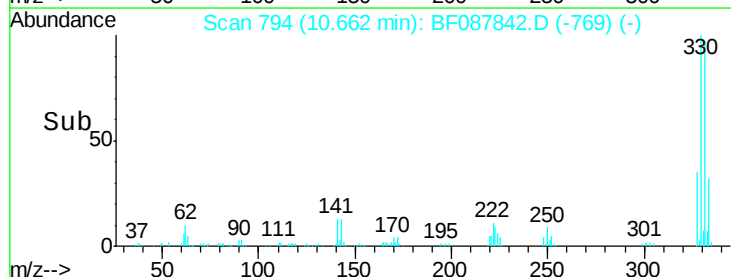
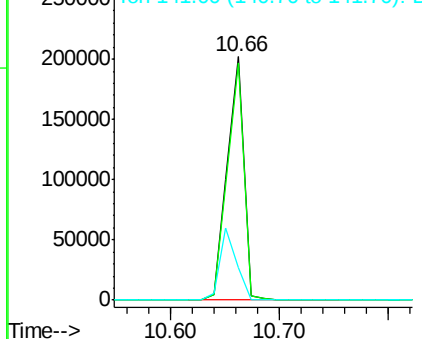


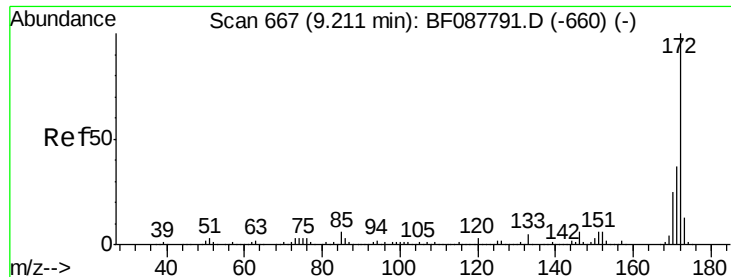
#41
2,4,6-Tribromophenol
Concen: 110.45 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087842.D
Acq: 9 Jun 2016 9:10

Tgt Ion:330 Resp: 215699
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 29.7 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



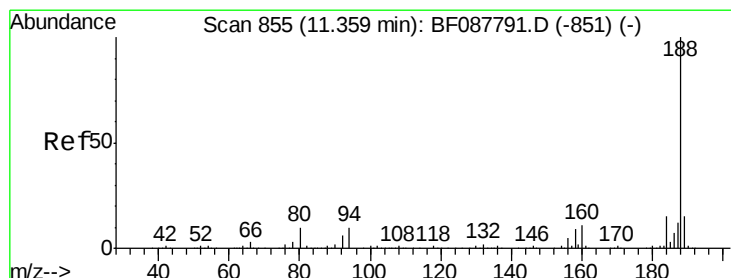
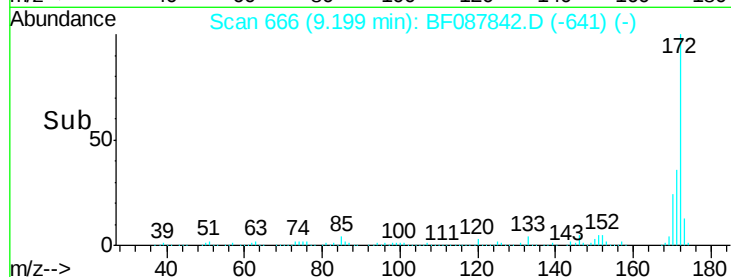
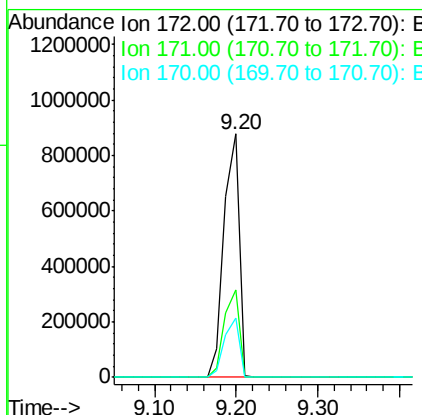
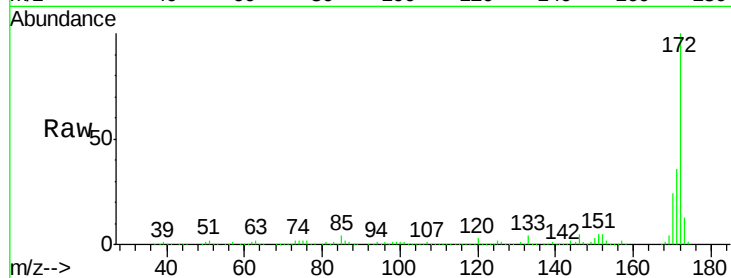


#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087842.D
 Acq: 9 Jun 2016 9:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-51-060616

Tot Ion:172 Resp: 1130152

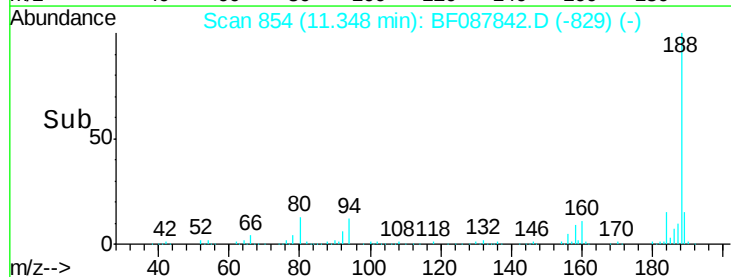
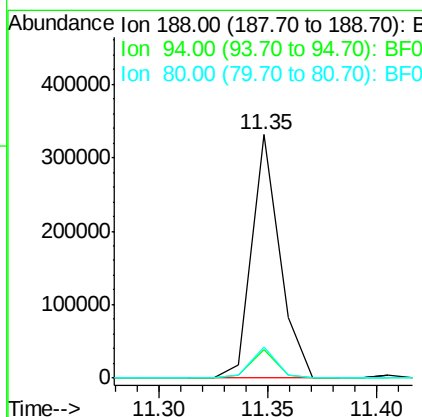
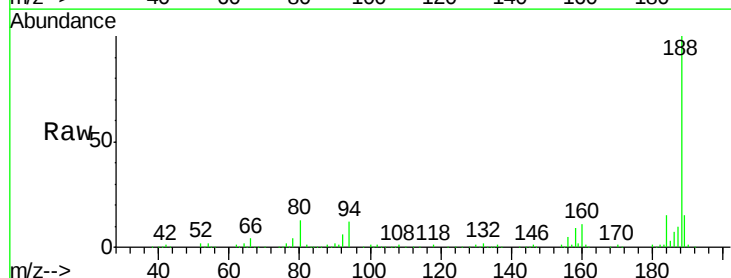
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.1	19.2	28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF087842.D
 Acq: 9 Jun 2016 9:10

Tgt Ion:188 Resp: 296899

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	12.9	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-51-060616

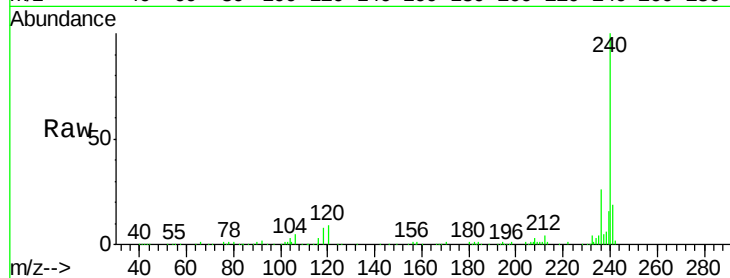
Tot Ion:240 Resp: 264535

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

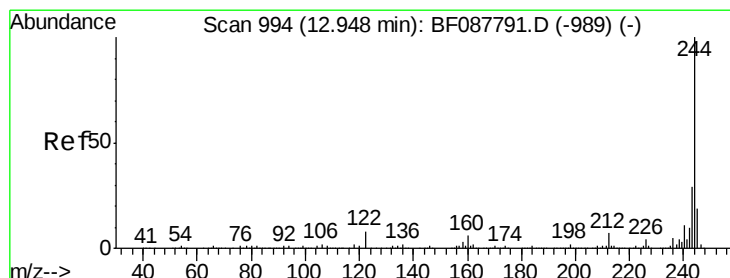
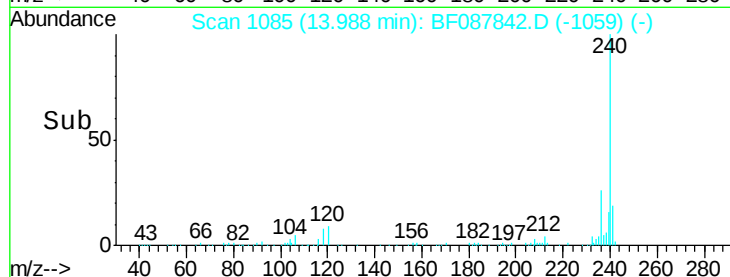
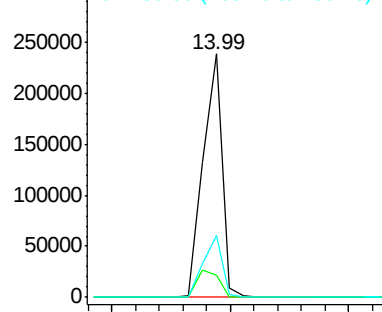
236 25.5 20.2 30.2



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: 72.22 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF087842.D

Acq: 9 Jun 2016 9:10

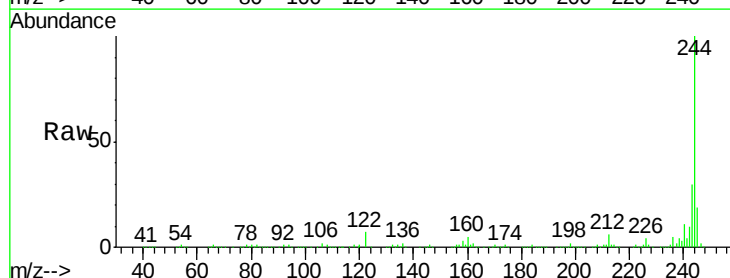
Tgt Ion:244 Resp: 839608

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

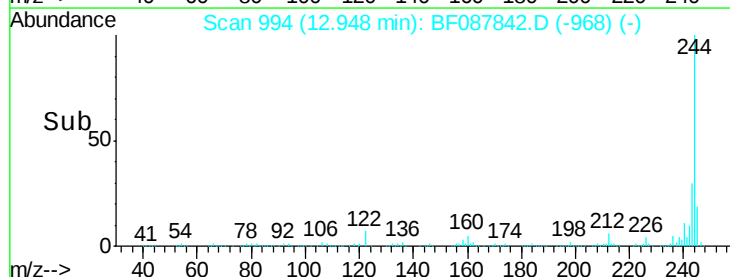
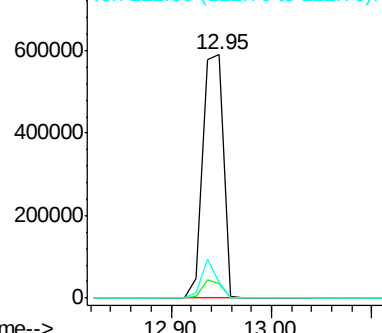
122 6.7 11.2 16.8#

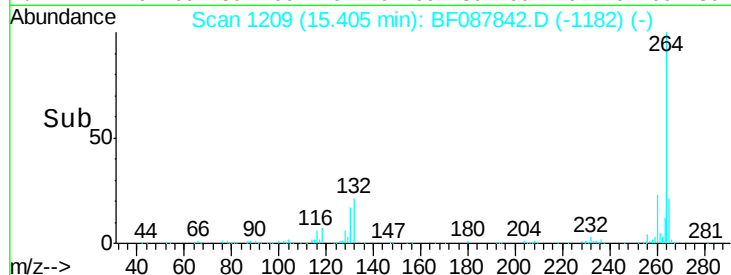
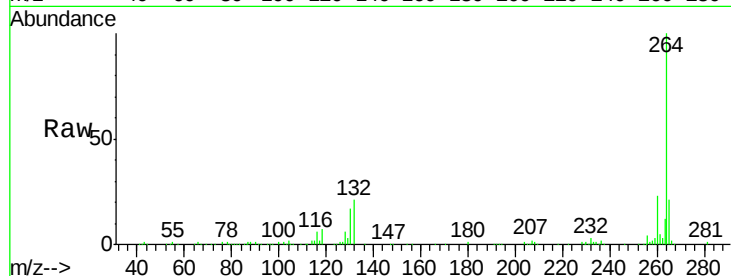
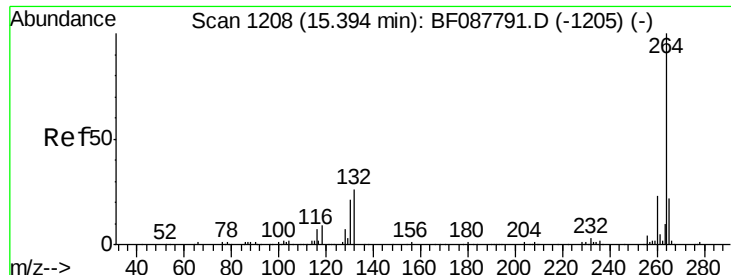


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF087842.D
Acq: 9 Jun 2016 9:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-51-060616

Tot Ion:	264	Resp:	187182
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	16.9	25.3

