

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088397.D
 Acq On : 26 Jun 2016 3:09
 Operator : UM/SJ
 Sample : H3745-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Jun 26 04:09:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

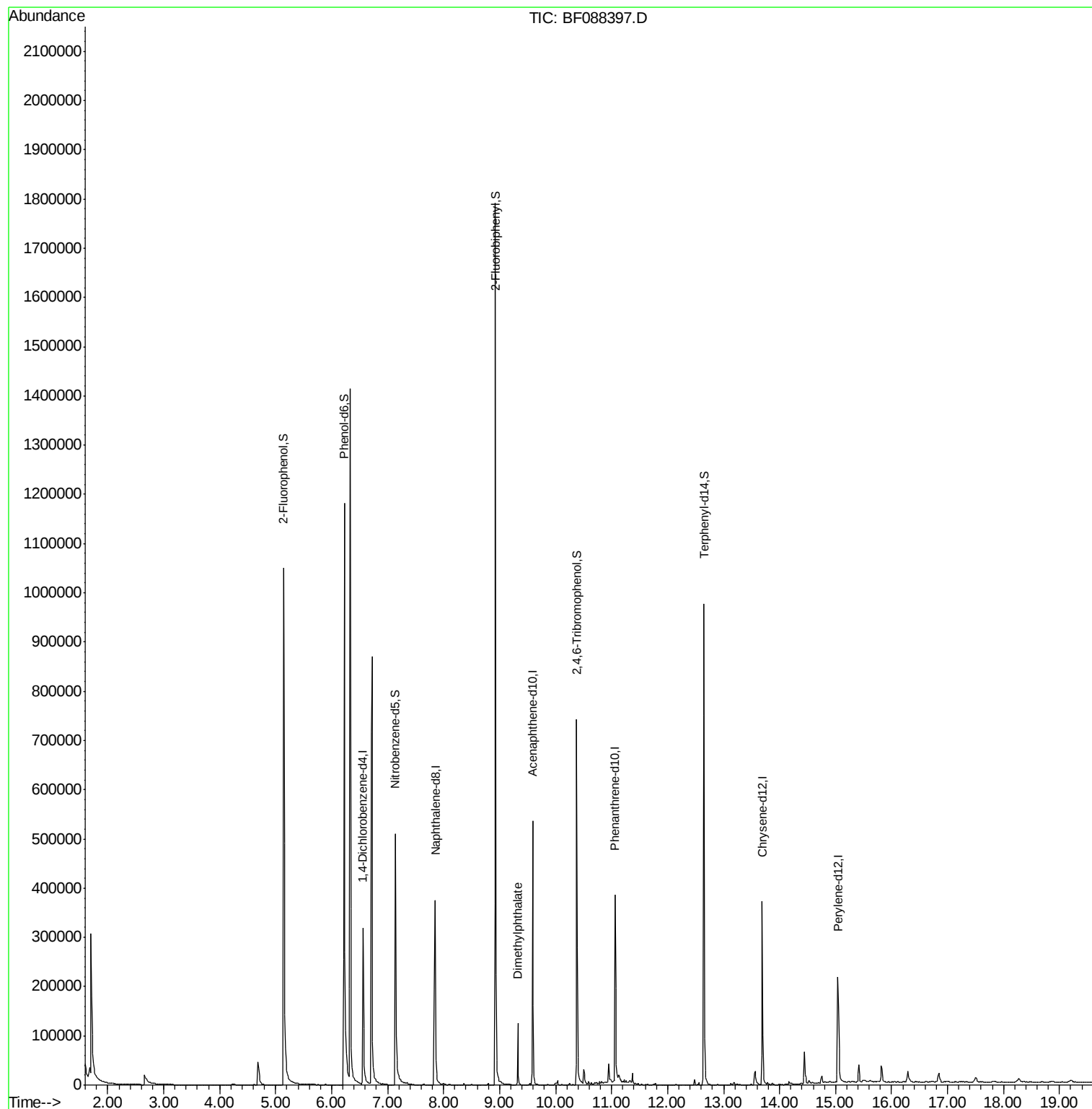
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	67531m	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	265570	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	115276	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	194764	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	151279	20.00	ng	-0.06
86) Perylene-d12	15.04	264	116258	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	449751	113.85	ng	-0.03
7) Phenol-d6	6.23	99	563069	117.62	ng	-0.03
23) Nitrobenzene-d5	7.13	82	334586	73.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	107425	88.26	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	621381	84.66	ng	-0.05
78) Terphenyl-d14	12.65	244	458151	68.92	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.32	163	56308	6.74	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

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ClientSampleId :

SB-17-COMP

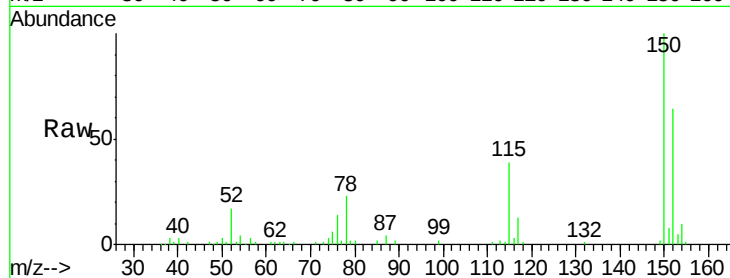
Tot Ion:152 Resp: 67531

Ion Ratio Lower Upper

152 100

150 156.0 123.8 185.6

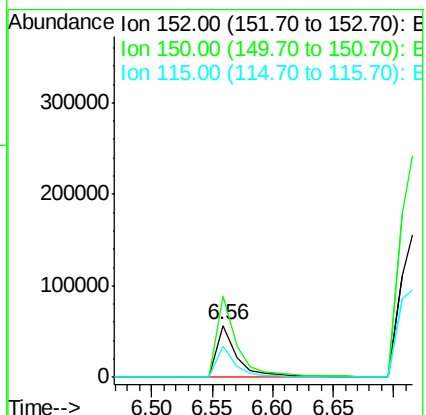
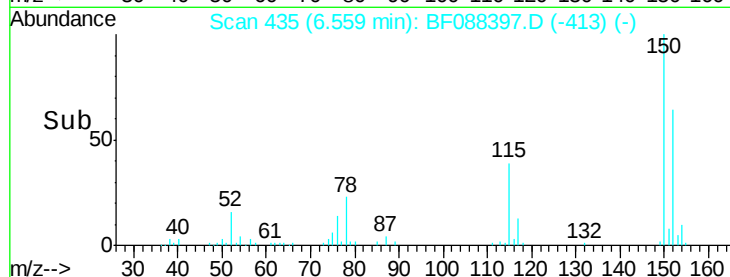
115 60.9 39.6 59.4#



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: 113.85 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

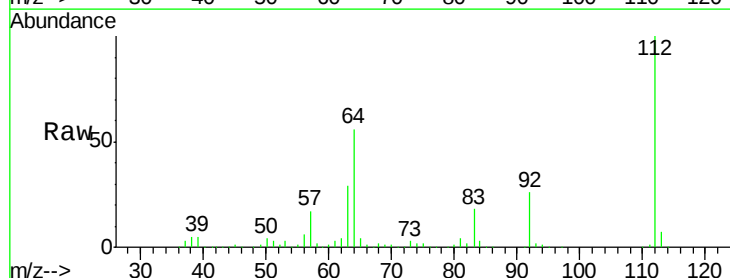
Tgt Ion:112 Resp: 449751

Ion Ratio Lower Upper

112 100

64 56.1 42.2 63.2

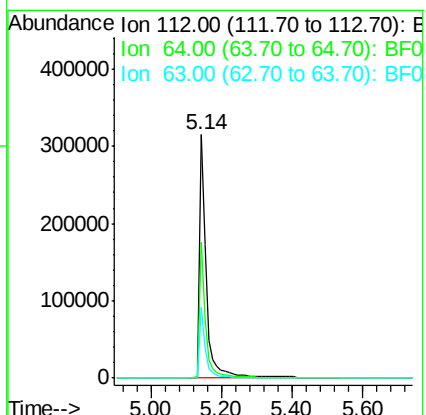
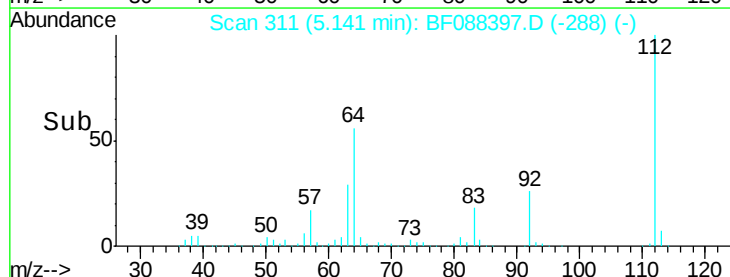
63 28.9 21.8 32.8



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: 117.62 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

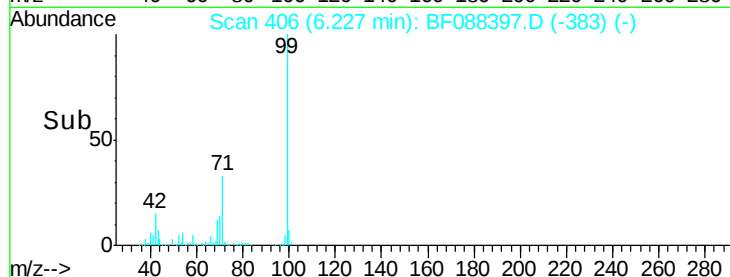
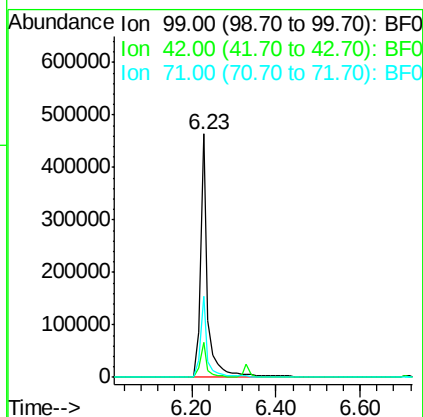
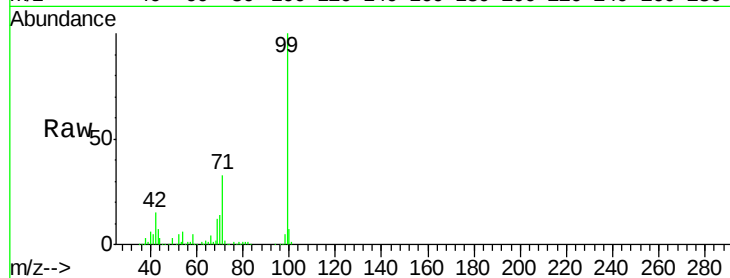
Tot Ion: 99 Resp: 563069

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 33.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Tgt Ion: 136 Resp: 265570

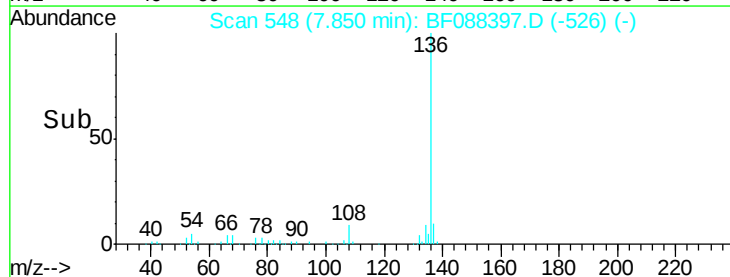
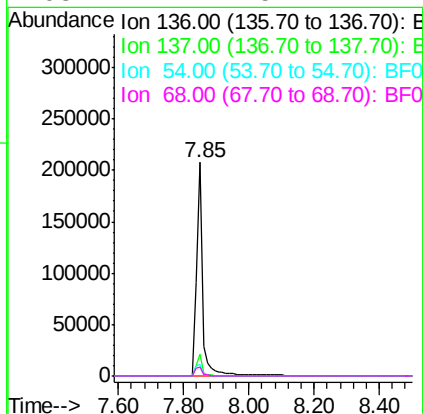
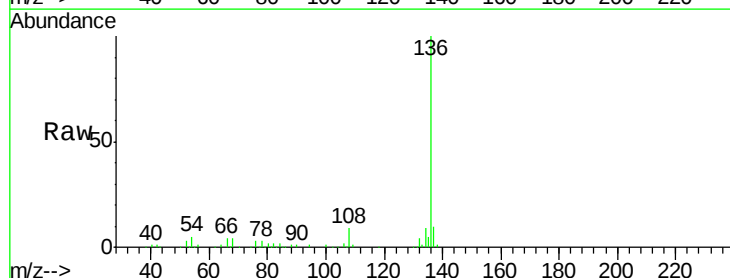
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.1 6.6 10.0#

68 4.4 5.1 7.7#

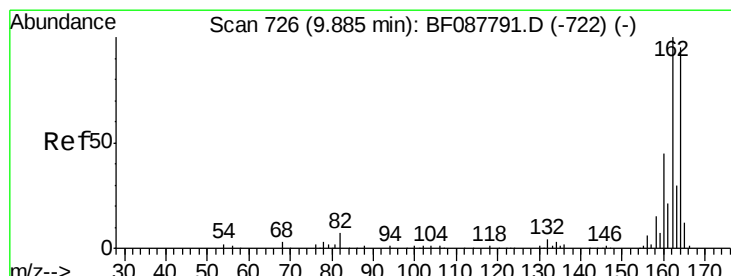
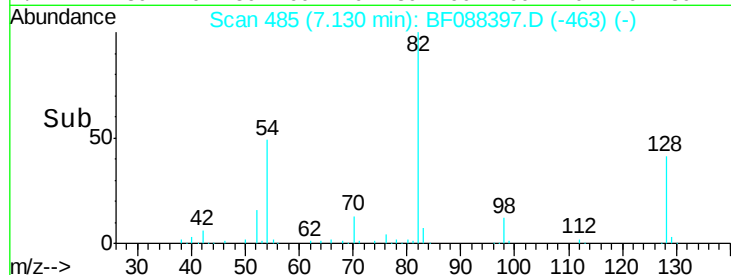
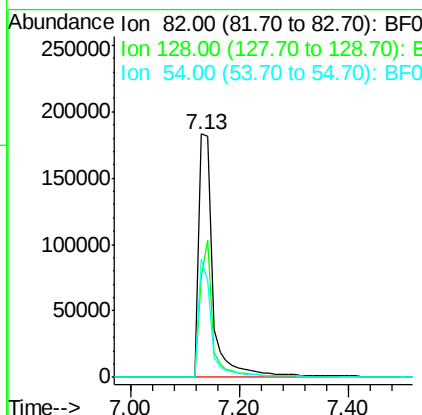
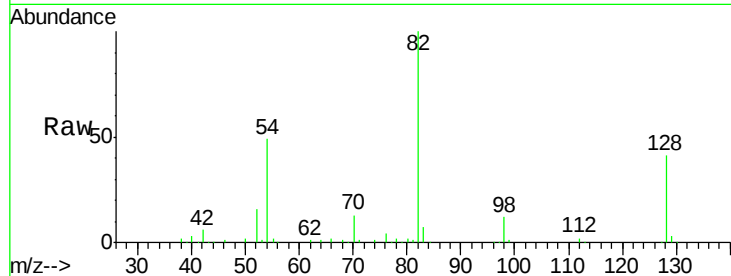




#23
 Nitrobenzene-d5
 Concen: 73.57 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

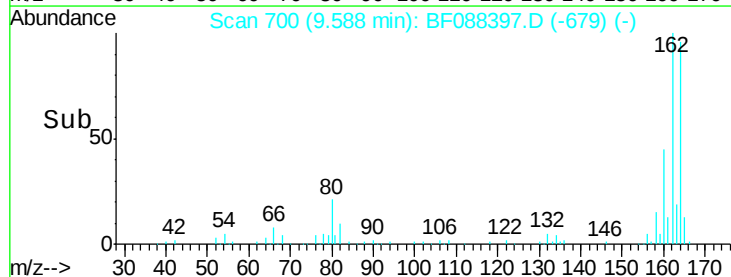
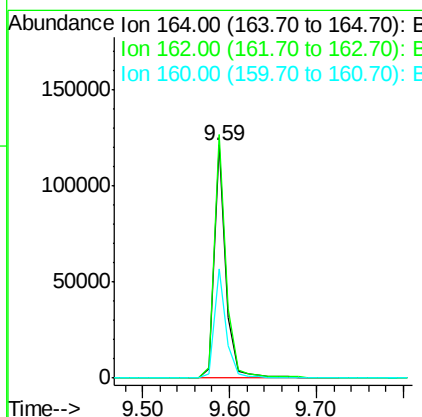
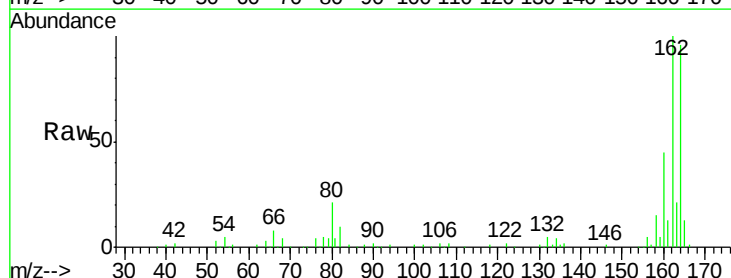
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

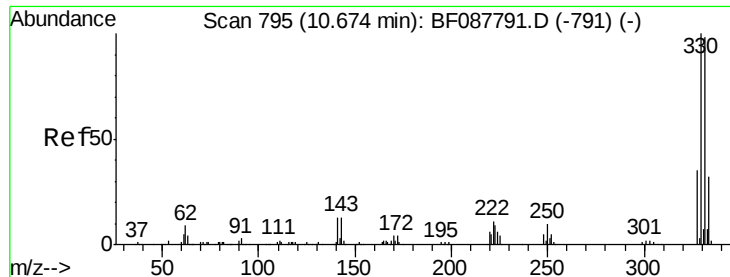
Tot Ion	82	Resp	334586
Ion Ratio	Lower	Upper	
82	100		
128	41.4	35.9	53.9
54	48.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Tgt Ion	164	Resp	115276
Ion Ratio	Lower	Upper	
164	100		
162	104.6	85.4	128.2
160	47.0	39.5	59.3

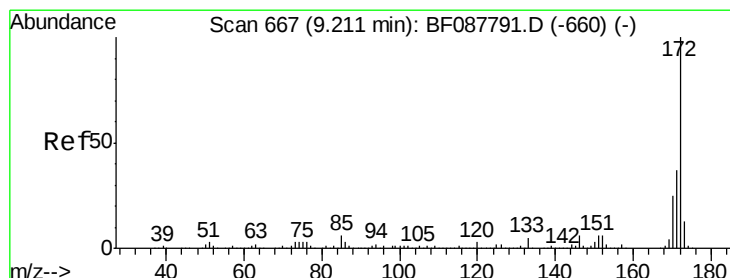
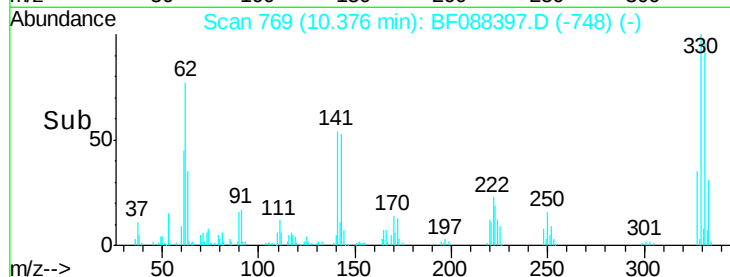
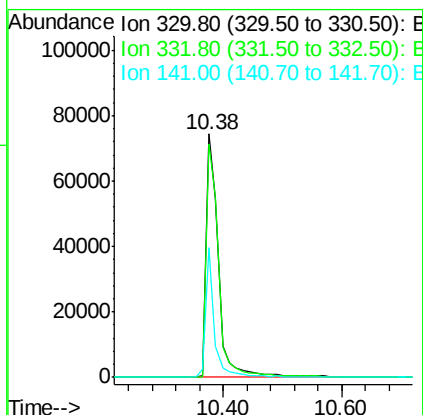
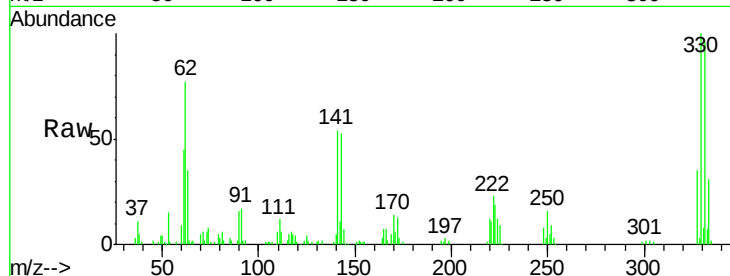




#41
 2,4,6-Tribromophenol
 Concen: 88.26 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

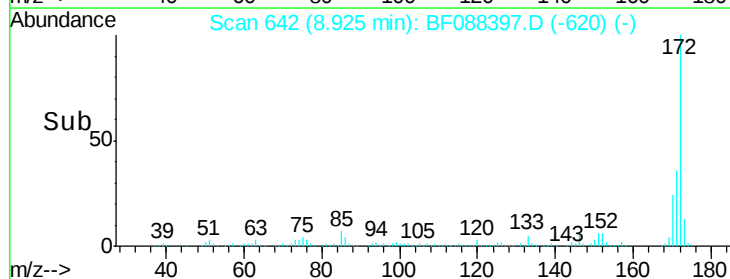
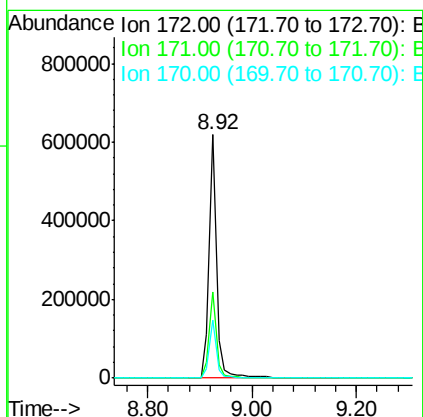
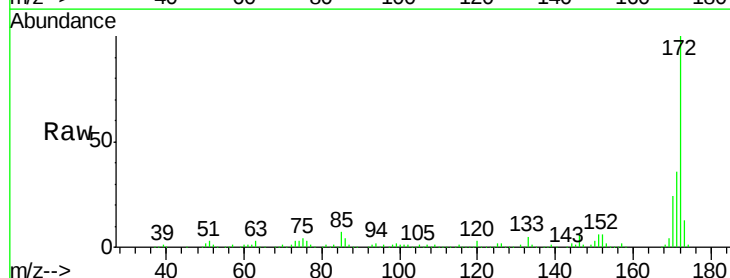
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

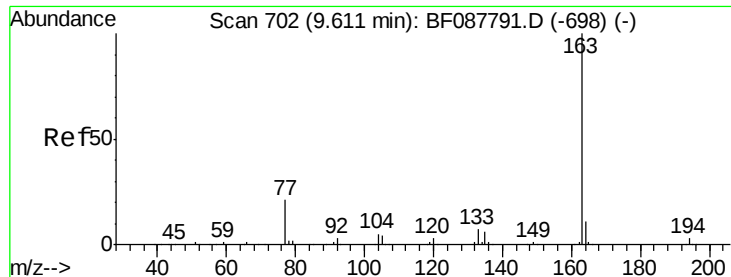
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	38.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.66 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.2	28.8





#49

Dimethylphthalate

Concen: 6.74 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

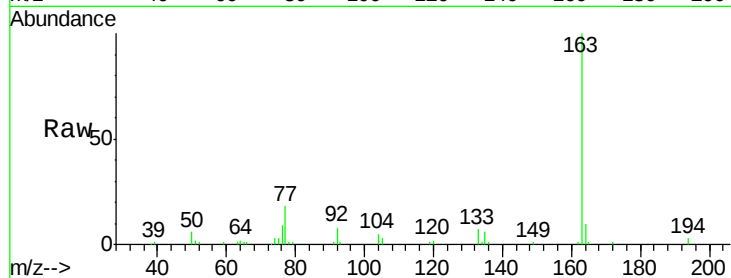
Tot Ion:163 Resp: 56308

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

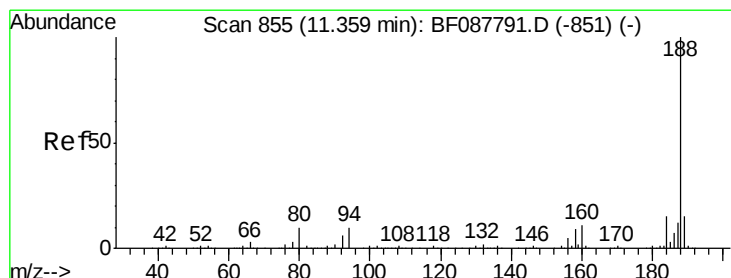
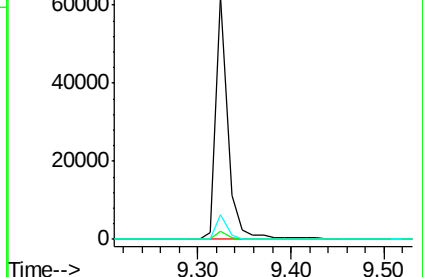
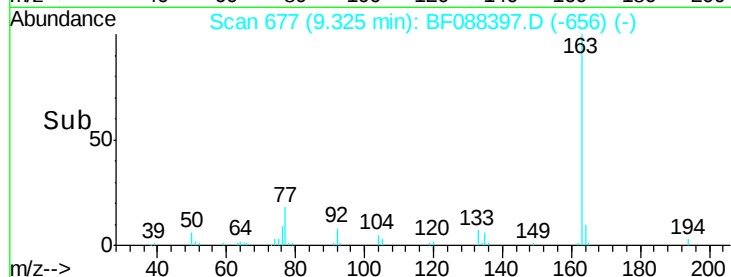
164 10.3 8.3 12.5



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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

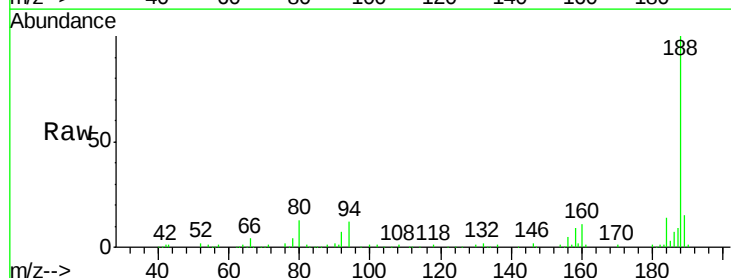
Tgt Ion:188 Resp: 194764

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

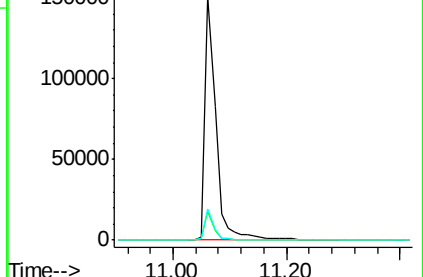
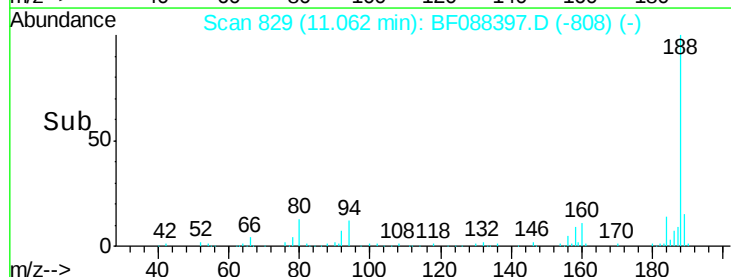
80 12.7 10.0 15.0



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

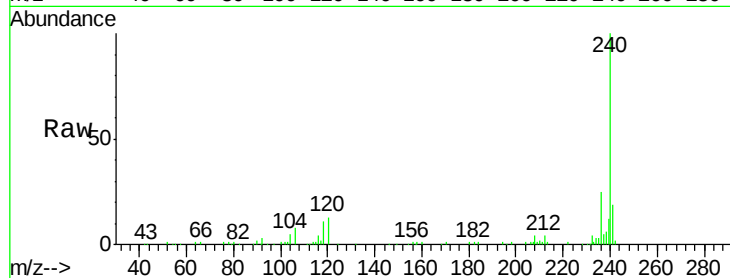
Tot Ion:240 Resp: 151279

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

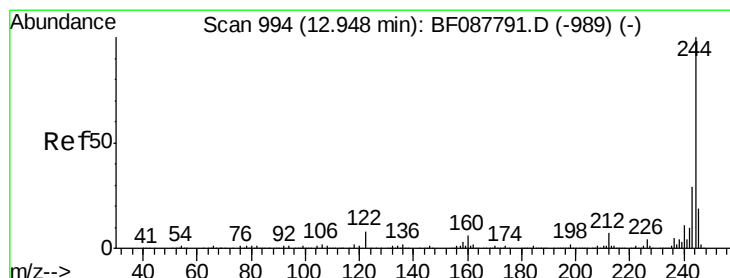
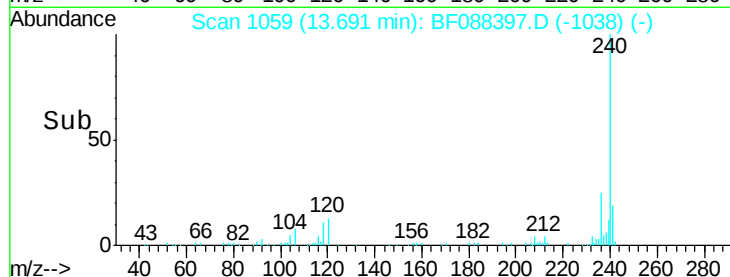
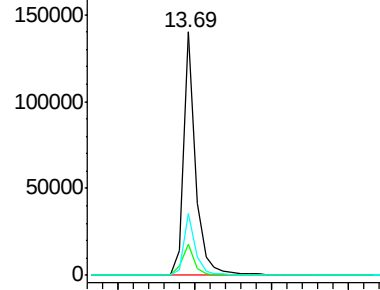
236 25.5 20.2 30.2



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: 68.92 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

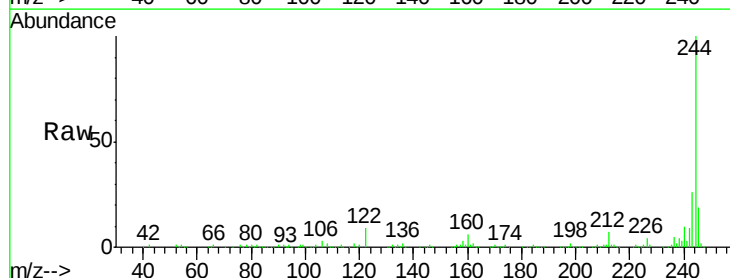
Tgt Ion:244 Resp: 458151

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

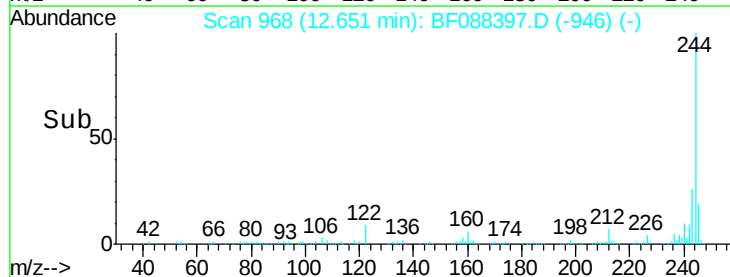
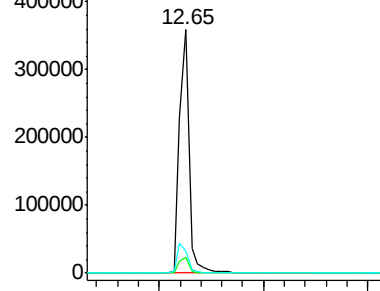
122 9.1 11.2 16.8#

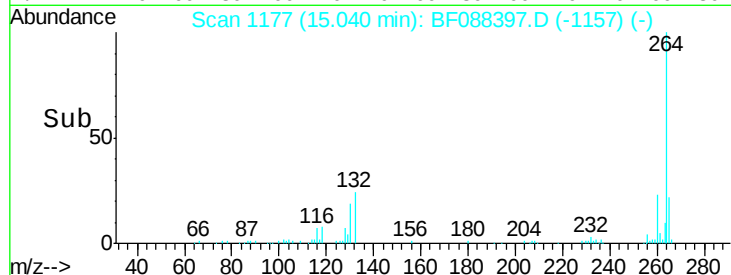
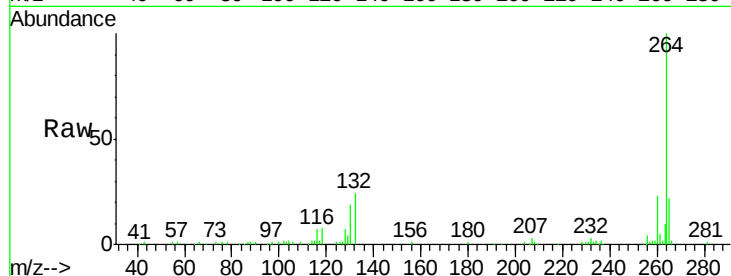
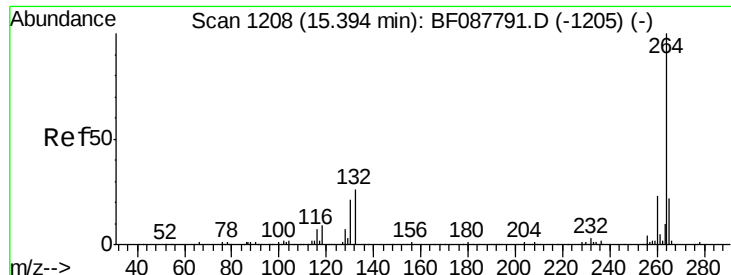


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088397.D
Acq: 26 Jun 2016 3:09

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tot Ion:	264	Resp:	116258
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	16.9	25.3

