

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088268.D
 Acq On : 23 Jun 2016 00:10
 Operator : UM/SJ
 Sample : H3660-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-6)

Quant Time: Jun 23 04:22:30 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

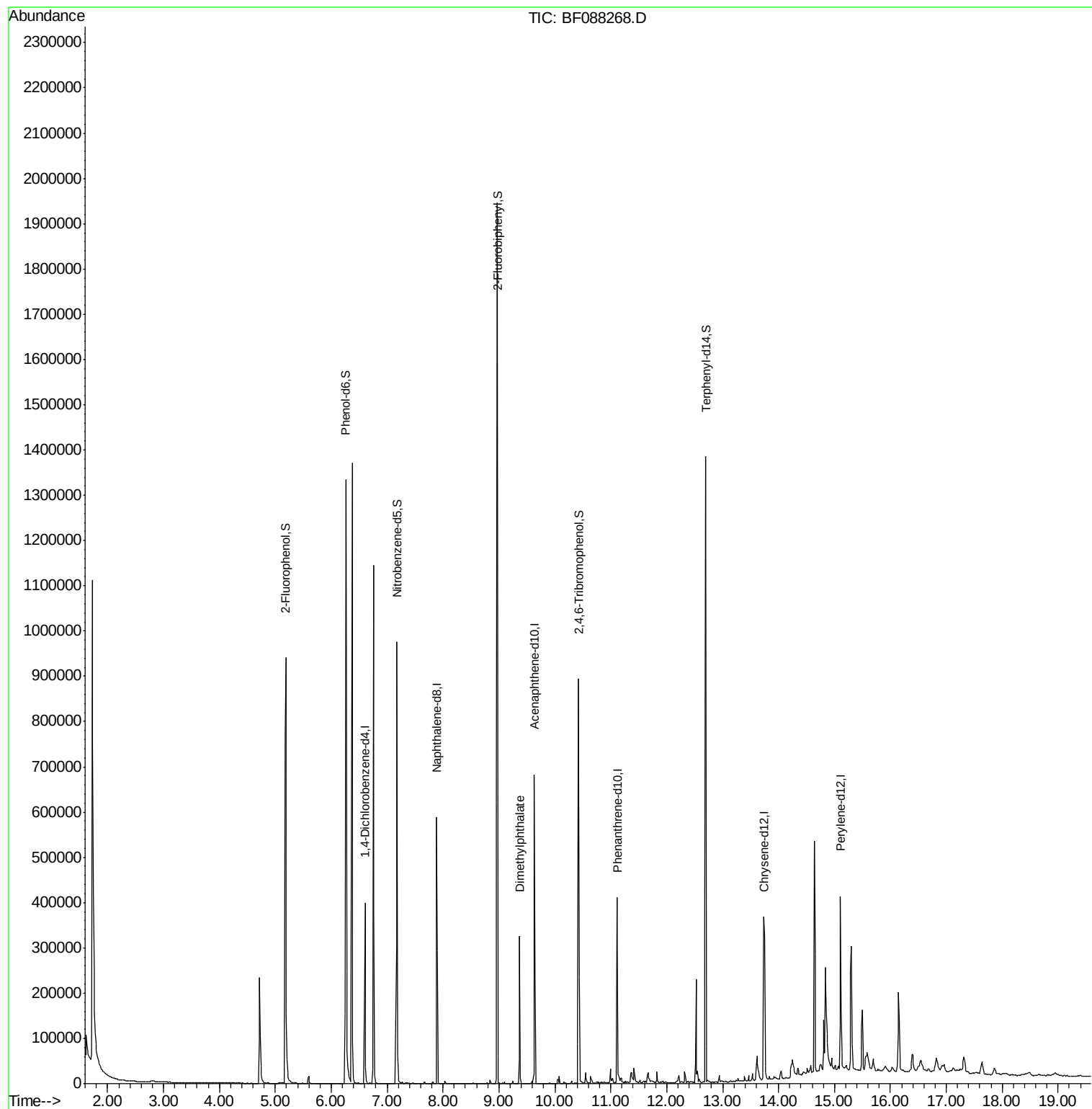
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	78504	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	325374	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	141867	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	221185	20.00	ng	0.00
75) Chrysene-d12	13.75	240	166149	20.00	ng	0.00
86) Perylene-d12	15.11	264	156680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	440741	95.98	ng	0.01
7) Phenol-d6	6.26	99	503823	90.53	ng	0.00
23) Nitrobenzene-d5	7.18	82	341794	61.34	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	107260	71.60	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	624377	68.03	ng	0.00
78) Terphenyl-d14	12.70	244	417107	57.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	137084	13.34	ng	Qvalue 99

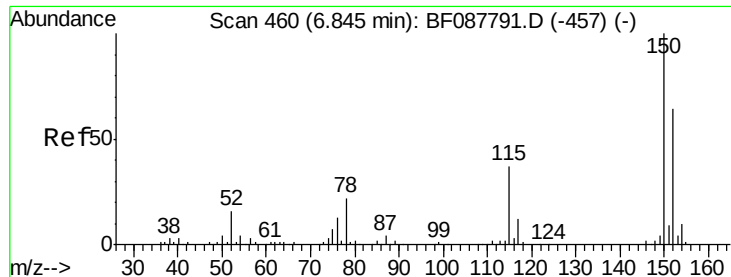
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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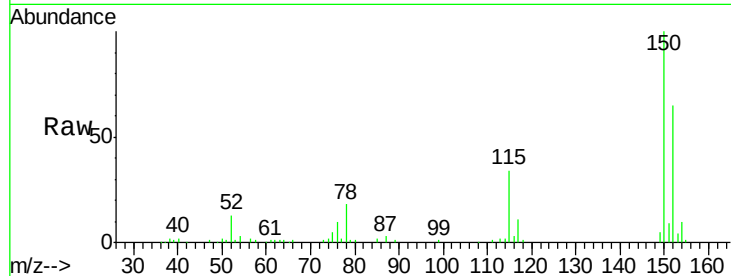


#1

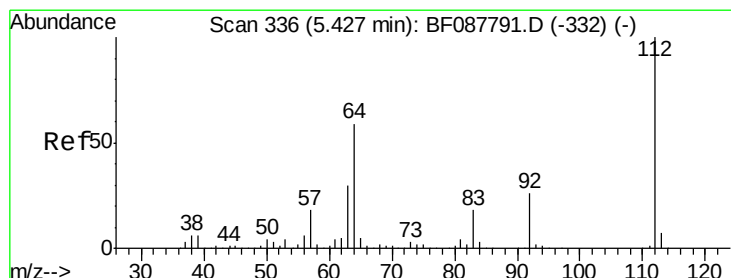
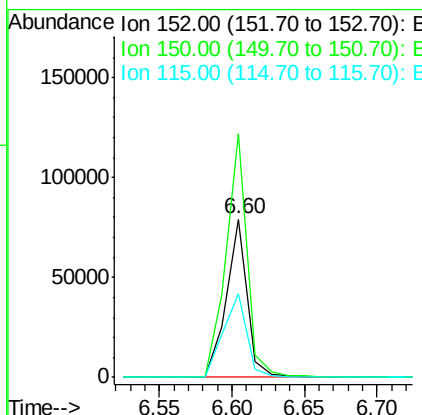
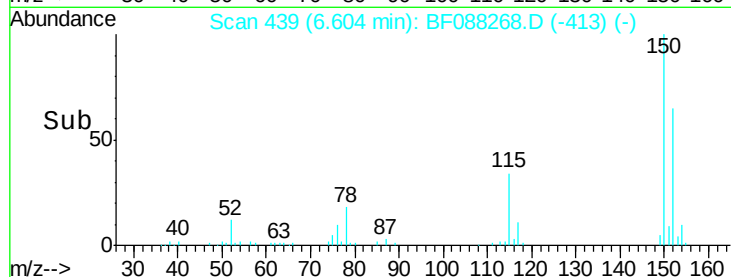
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-4(0-6)

Tot Ion:152 Resp: 78504
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 52.7 39.6 59.4



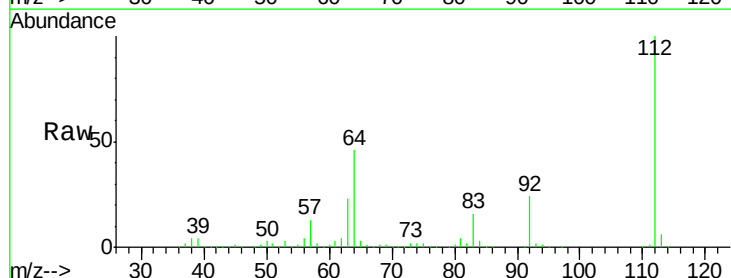
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



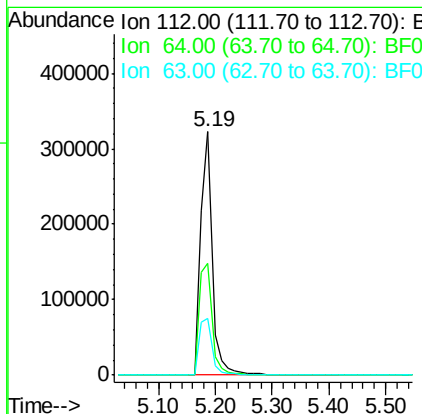
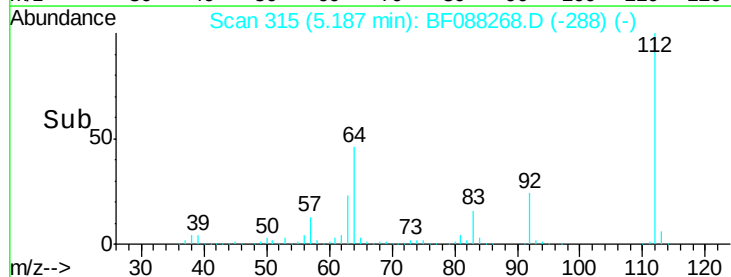
#5

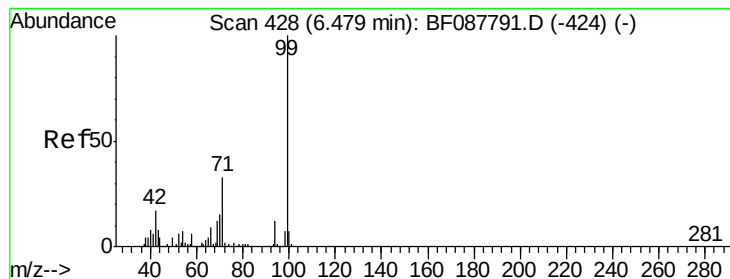
2-Fluorophenol
Concen: 95.98 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088268.D
Acq: 23 Jun 2016 00:10

Tgt Ion:112 Resp: 440741
Ion Ratio Lower Upper
112 100
64 46.1 42.2 63.2
63 23.2 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: 90.53 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-4(0-6)

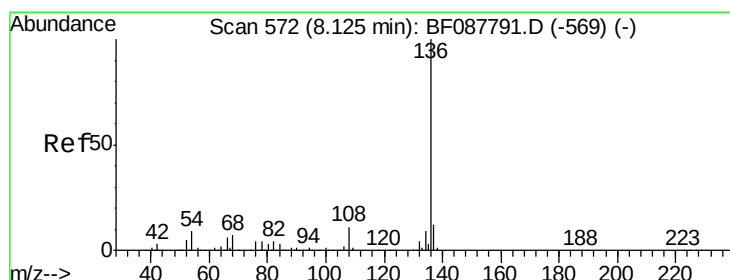
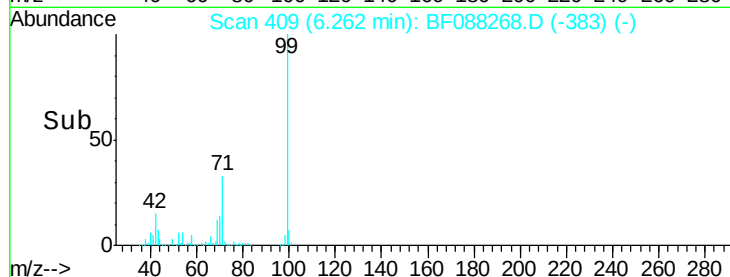
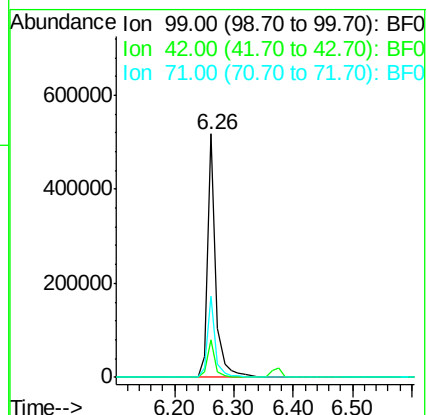
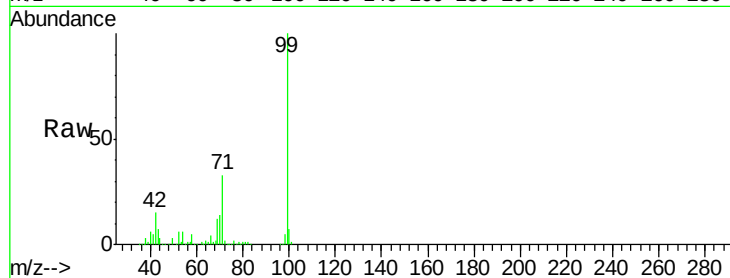
Tot Ion: 99 Resp: 503823

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Tgt Ion: 136 Resp: 325374

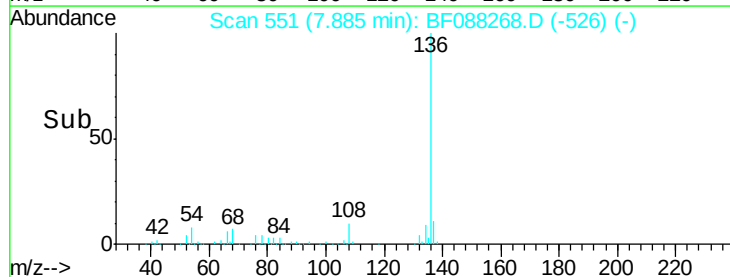
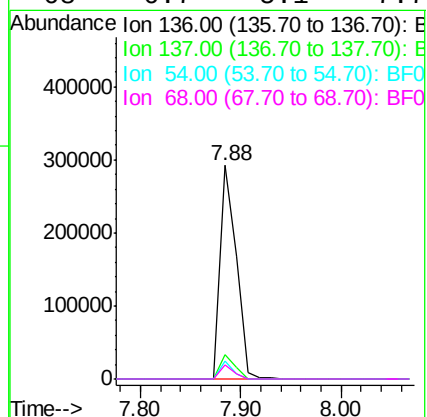
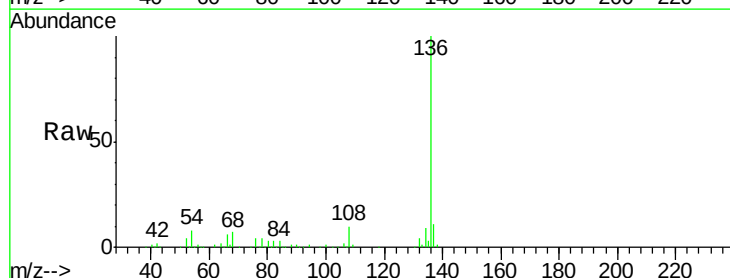
Ion Ratio Lower Upper

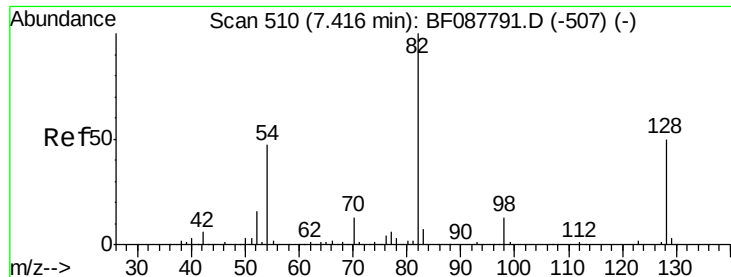
136 100

137 11.2 9.1 13.7

54 8.5 6.6 10.0

68 6.7 5.1 7.7

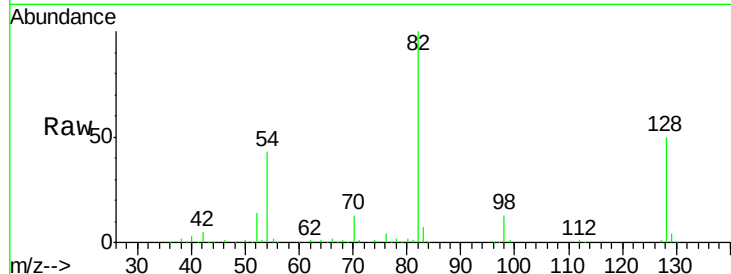




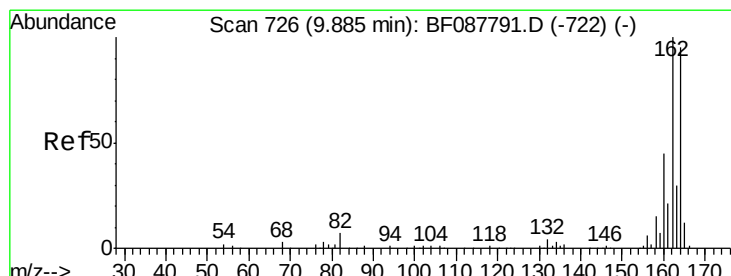
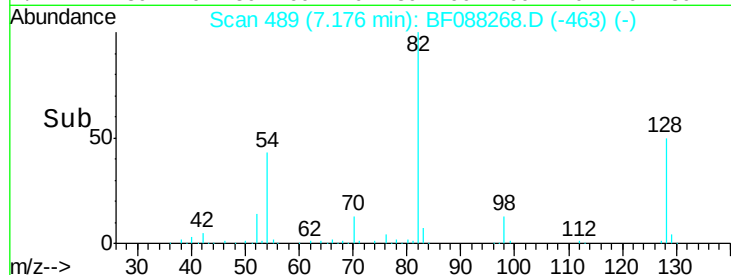
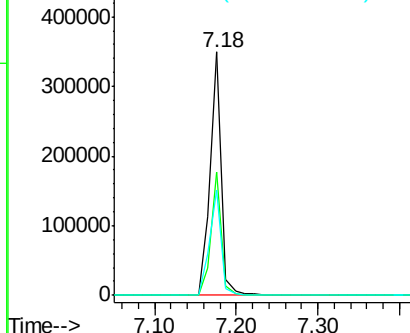
#23
 Nitrobenzene-d5
 Concen: 61.34 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-6)

Tot Ion: 82 Resp: 341794
 Ion Ratio Lower Upper
 82 100
 128 50.4 35.9 53.9
 54 43.1 40.9 61.3

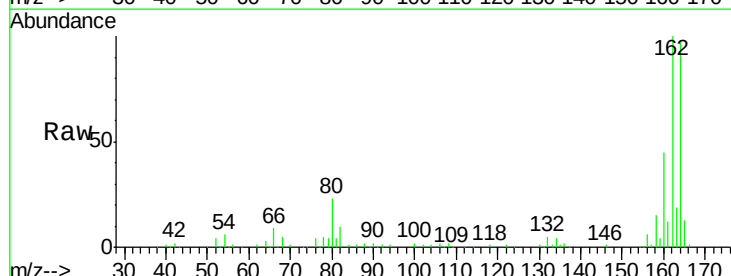


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

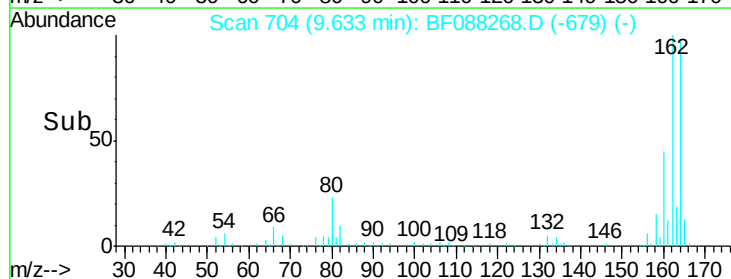
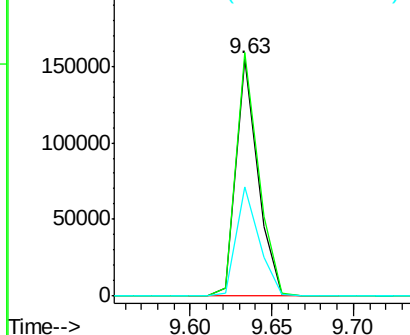


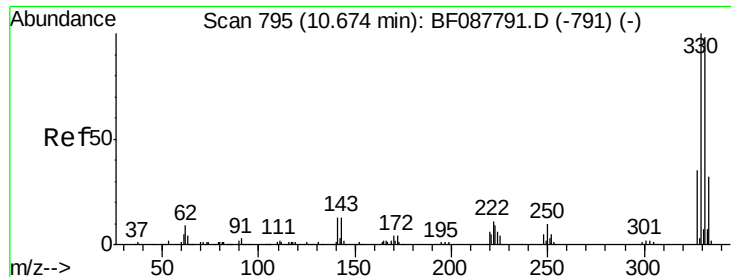
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Tgt Ion:164 Resp: 141867
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.4 128.2
 160 46.2 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

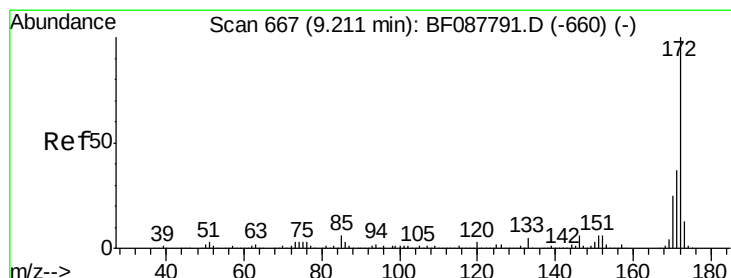
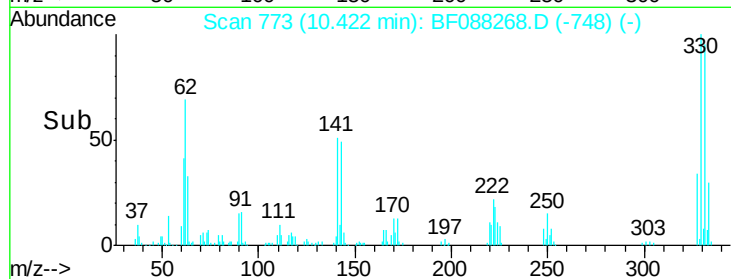
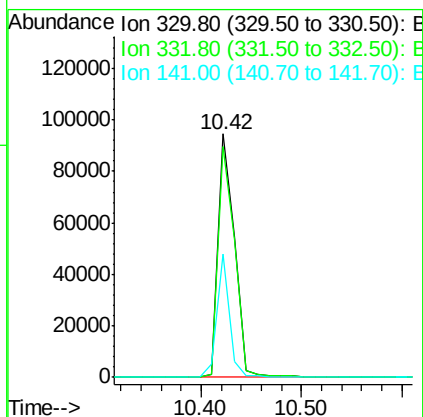
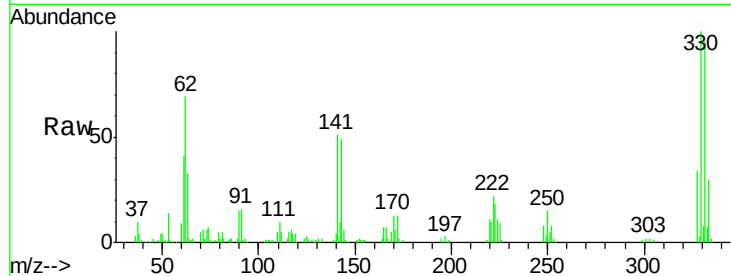




#41
 2,4,6-Tribromophenol
 Concen: 71.60 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

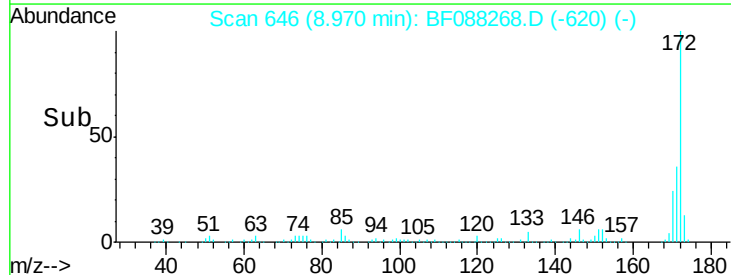
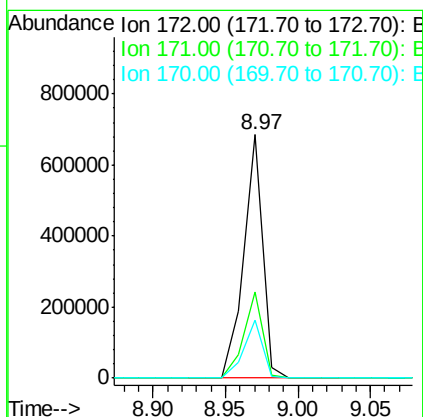
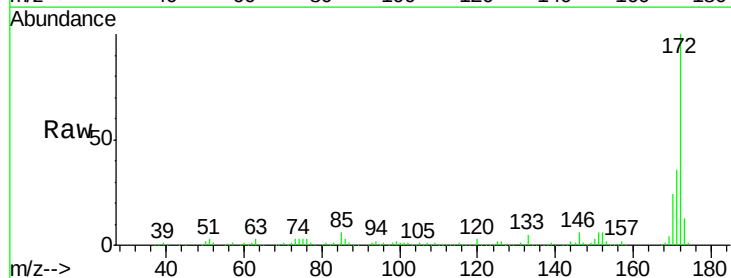
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-6)

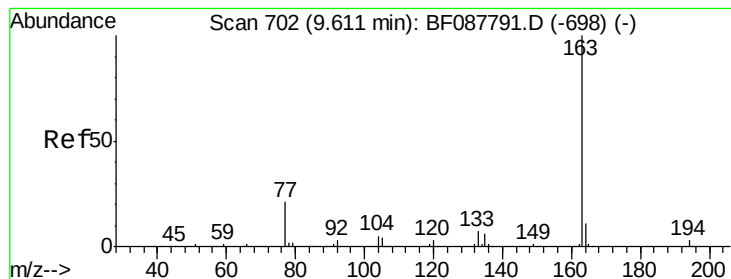
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	39.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 68.03 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.2	28.8





#49

Dimethylphthalate

Concen: 13.34 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-4(0-6)

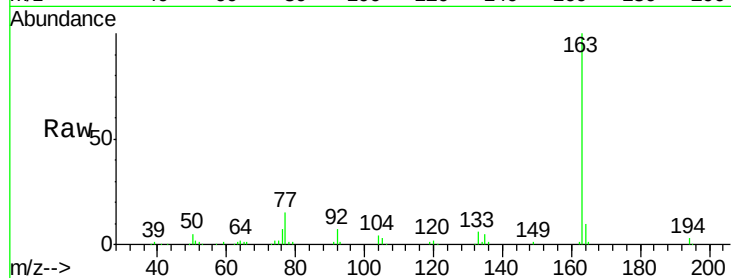
Tot Ion:163 Resp: 137084

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

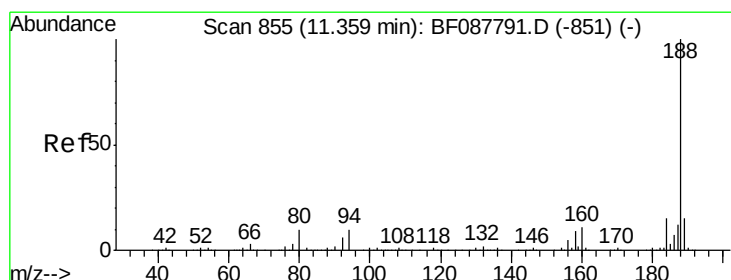
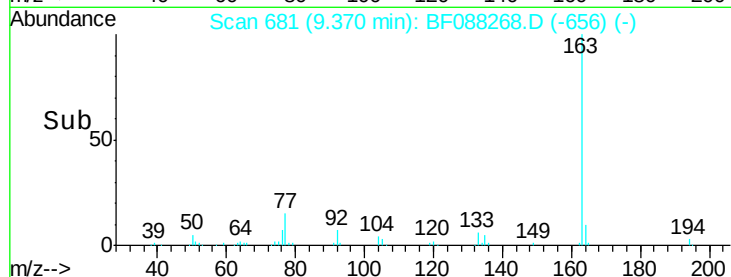
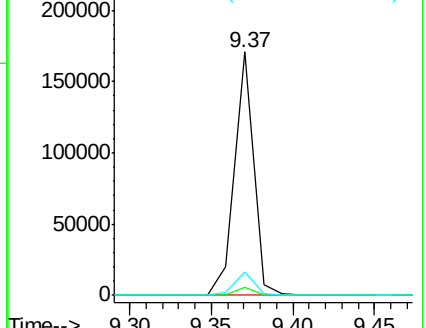
164 9.8 8.3 12.5



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: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

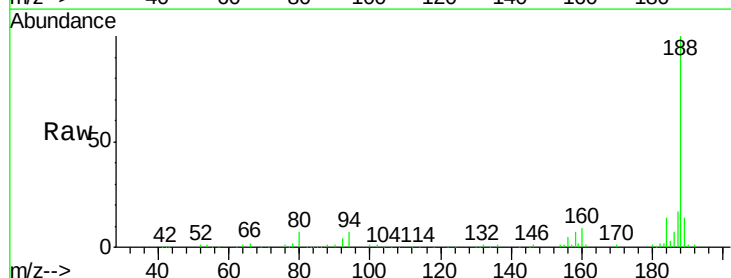
Tgt Ion:188 Resp: 221185

Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.6#

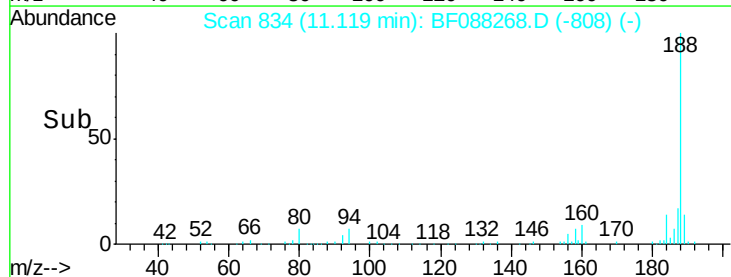
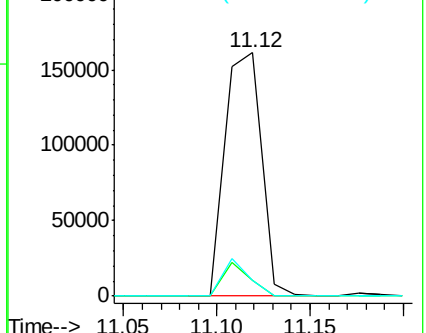
80 6.5 10.0 15.0#

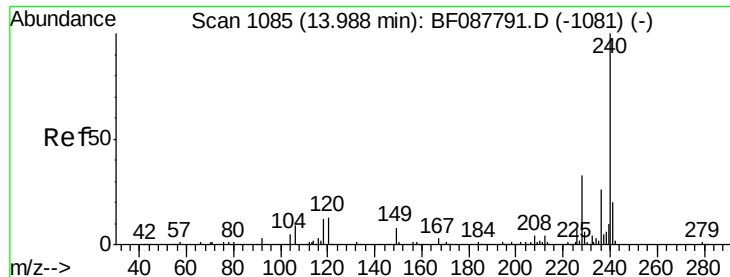


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-4(0-6)

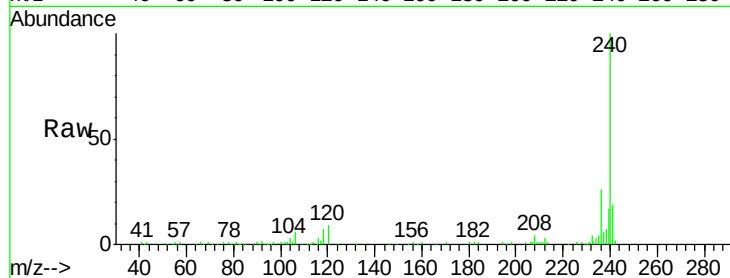
Tot Ion:240 Resp: 166149

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

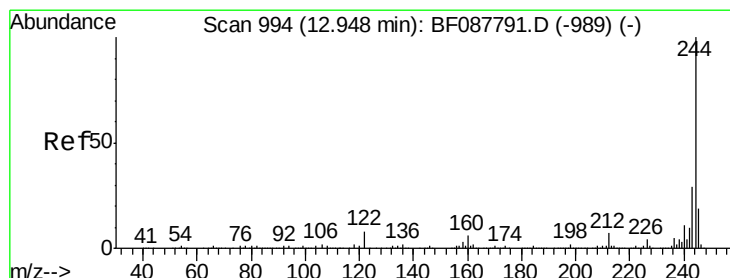
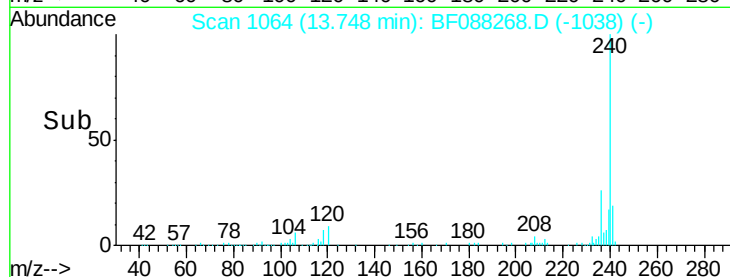
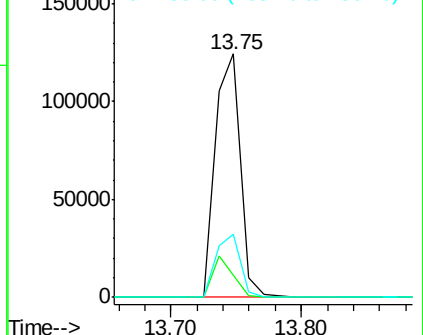
236 25.9 20.2 30.2



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: 57.13 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088268.D

Acq: 23 Jun 2016 00:10

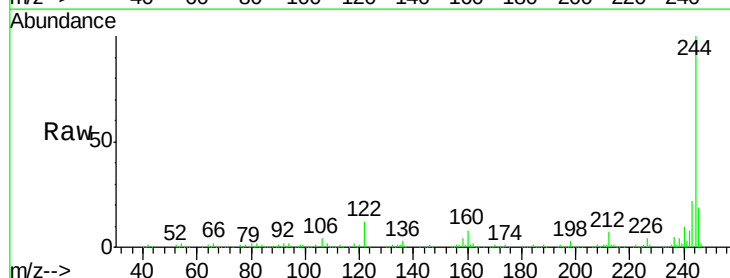
Tgt Ion:244 Resp: 417107

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

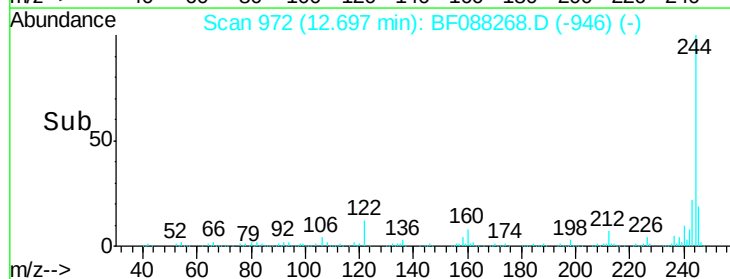
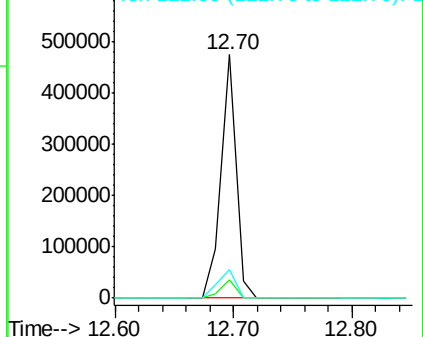
122 11.8 11.2 16.8

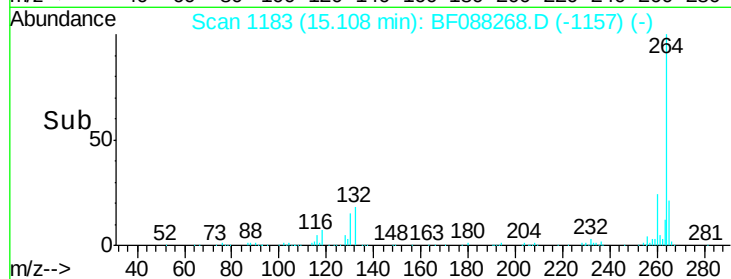
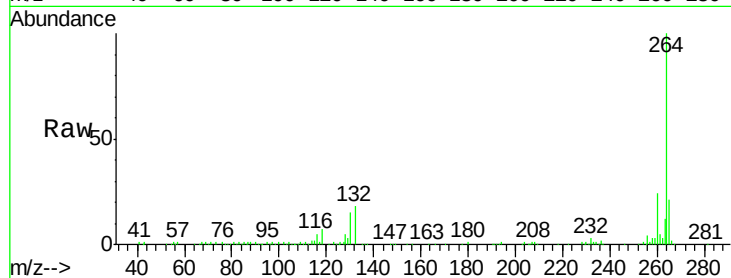
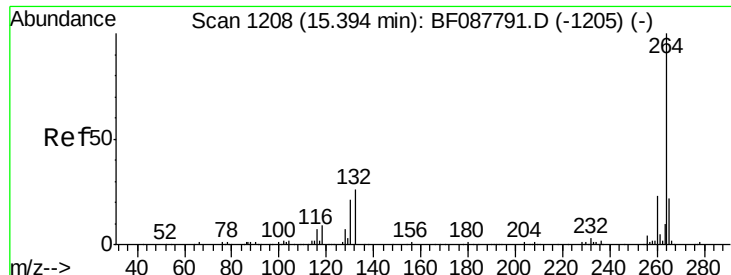


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088268.D
 Acq: 23 Jun 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-6)

Tot Ion:	264	Resp:	156680
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	16.9	25.3

