

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088249.D
 Acq On : 22 Jun 2016 14:58
 Operator : UM/SJ
 Sample : H3691-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Quant Time: Jun 22 15:53:14 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

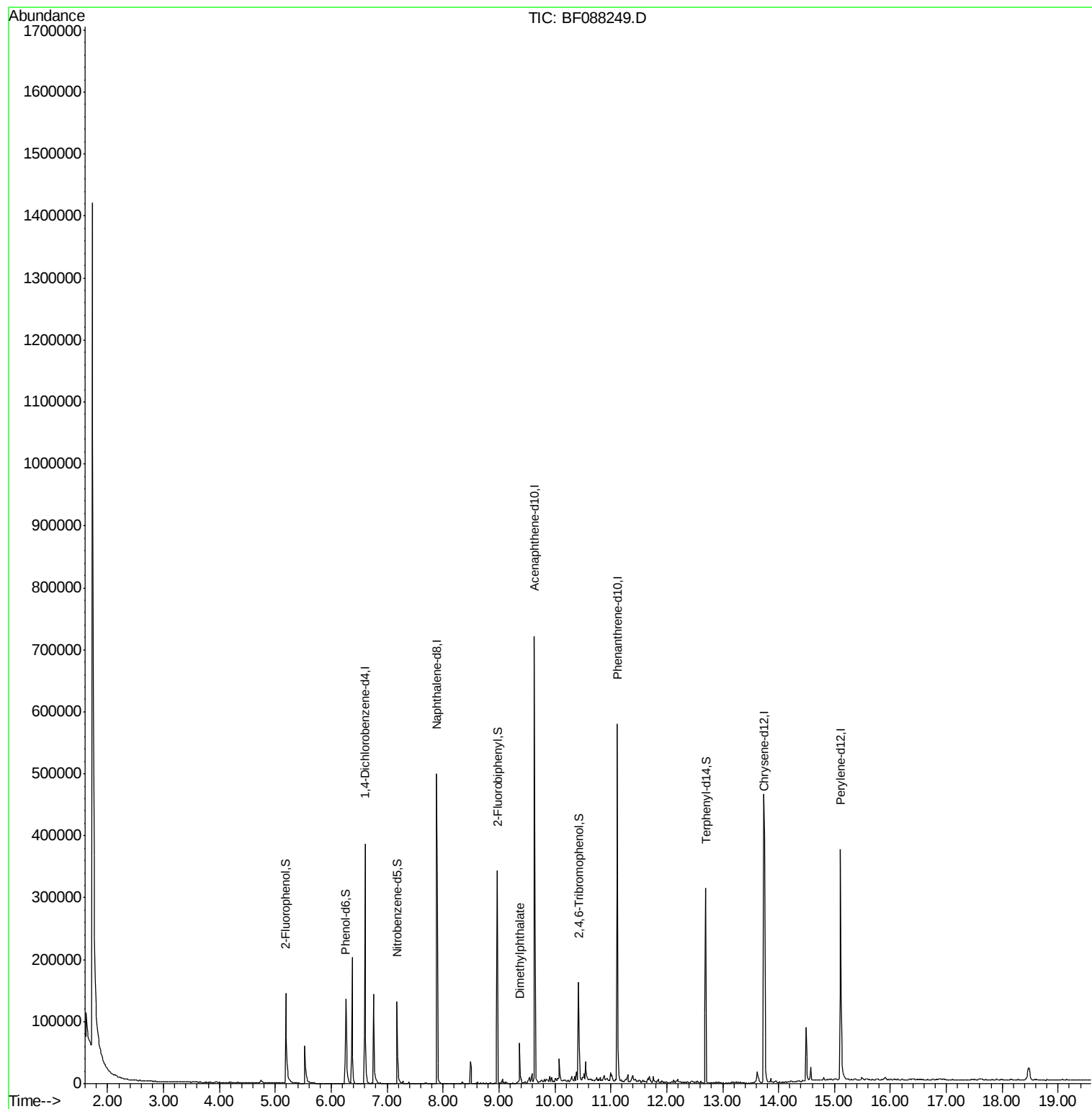
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	70448	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	309647	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	151252	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	270372	20.00	ng	0.00
75) Chrysene-d12	13.75	240	236171	20.00	ng	0.00
86) Perylene-d12	15.11	264	186189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	74689	18.12	ng	0.01
7) Phenol-d6	6.26	99	77432	15.50	ng	0.00
23) Nitrobenzene-d5	7.18	82	56151	10.59	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	20195	12.65	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	115571	6.92	ng	0.00
78) Terphenyl-d14	12.70	244	110640	10.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	27675	2.53	ng	99

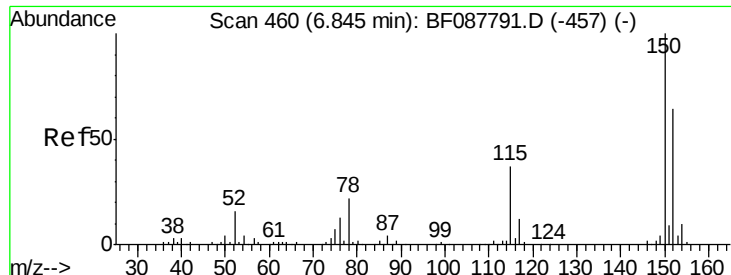
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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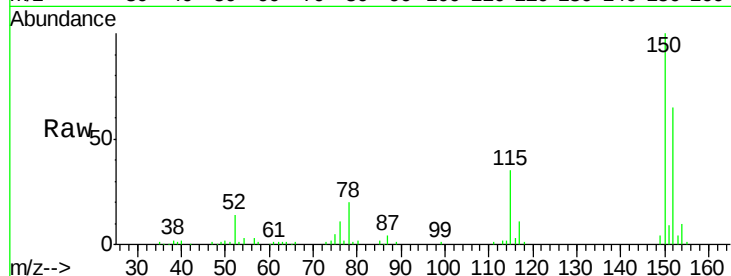


#1

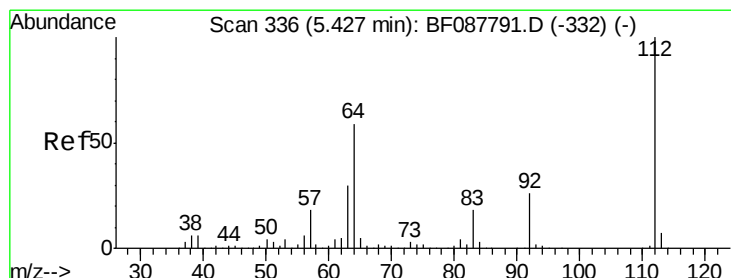
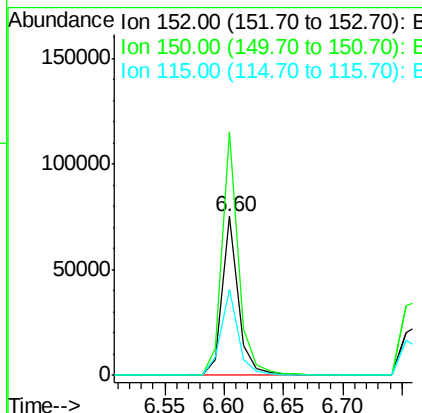
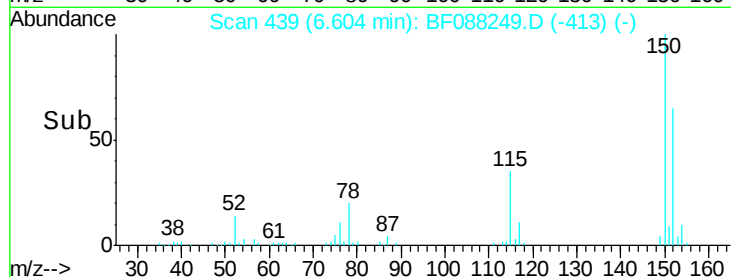
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Tot Ion:152 Resp: 70448
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.6
 115 54.0 39.6 59.4



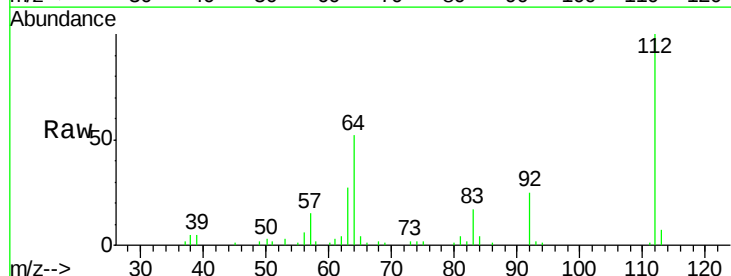
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



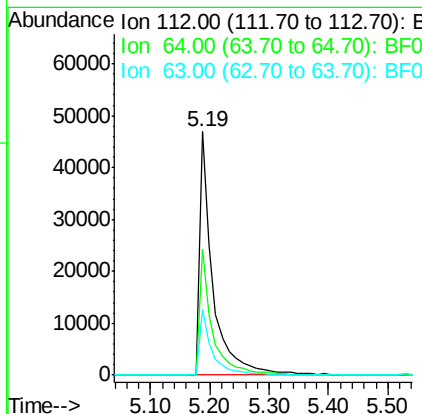
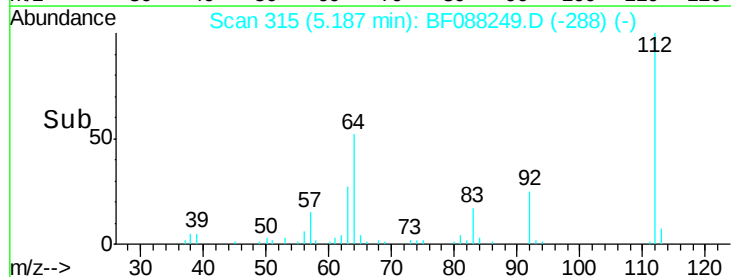
#5

2-Fluorophenol
 Concen: 18.12 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion:112 Resp: 74689
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.2 63.2
 63 26.8 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: 15.50 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

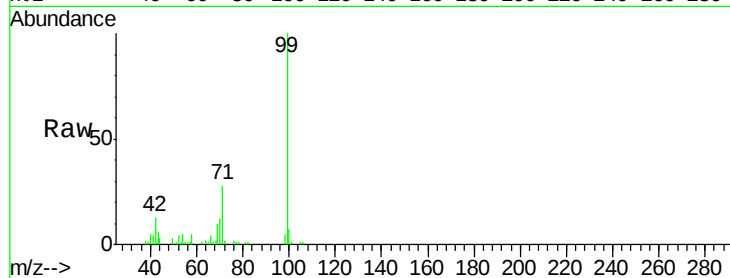
Tot Ion: 99 Resp: 77432

Ion Ratio Lower Upper

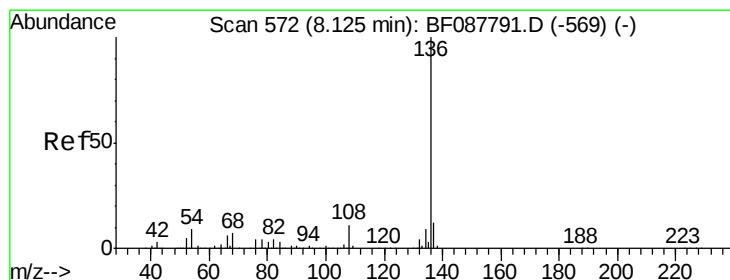
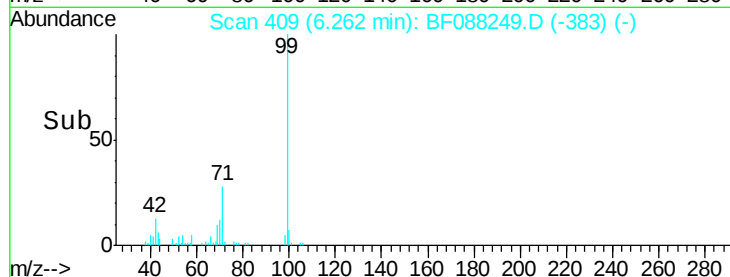
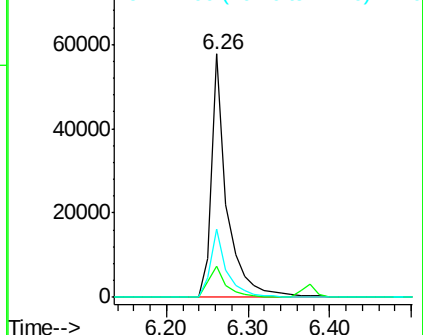
99 100

42 12.9 12.2 18.2

71 28.2 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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Tgt Ion: 136 Resp: 309647

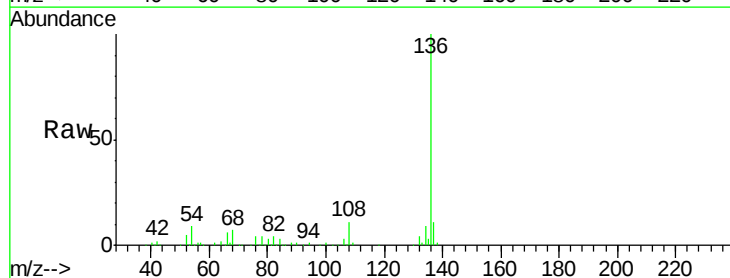
Ion Ratio Lower Upper

136 100

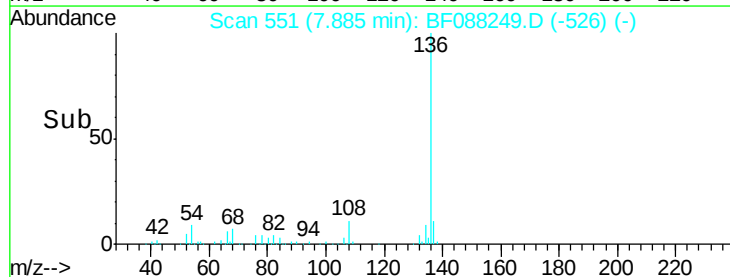
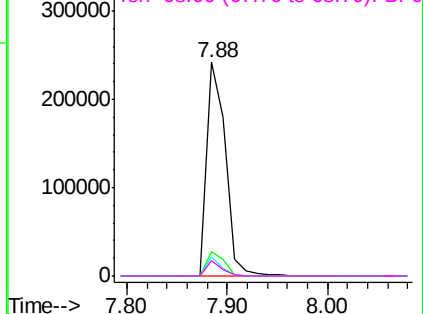
137 11.3 9.1 13.7

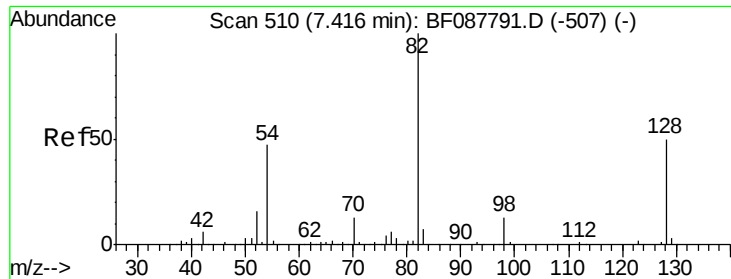
54 8.7 6.6 10.0

68 7.1 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

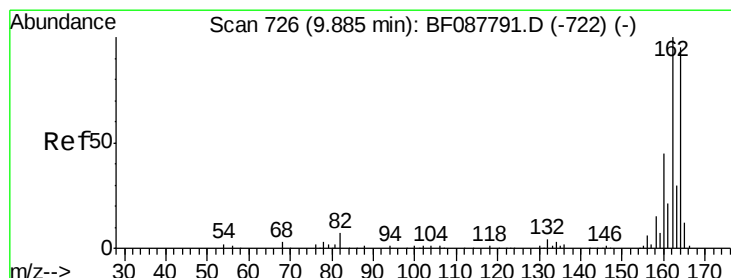
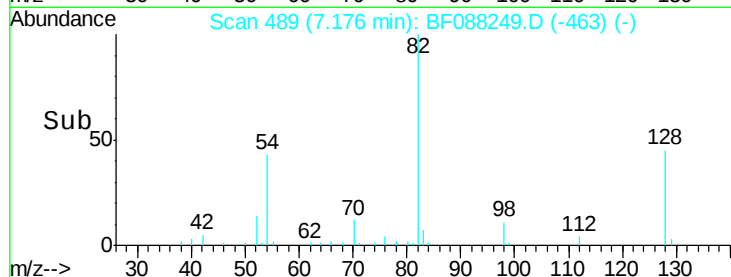
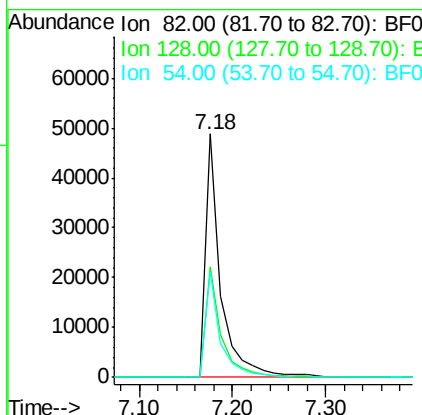
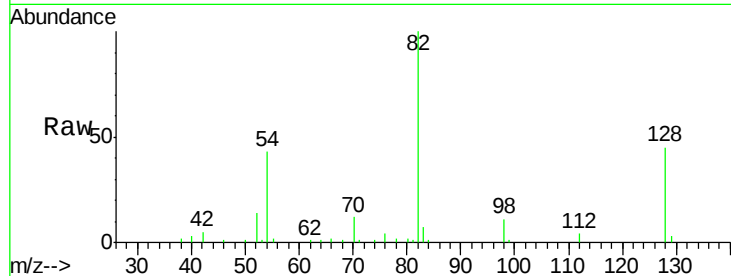




#23
 Nitrobenzene-d5
 Concen: 10.59 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

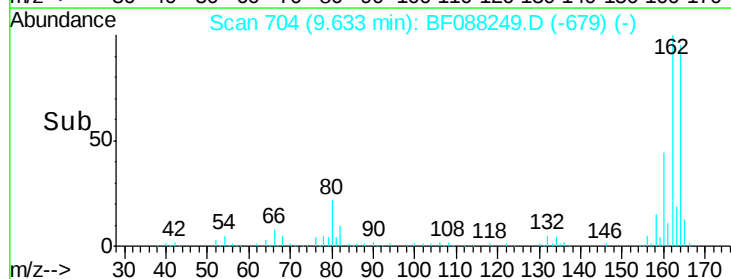
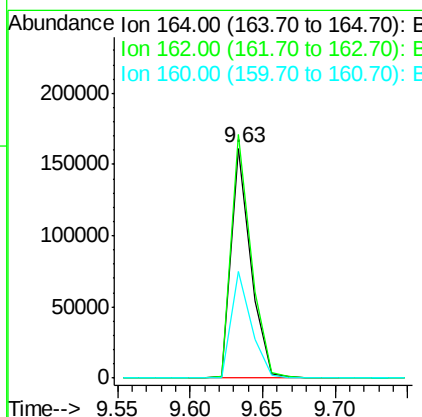
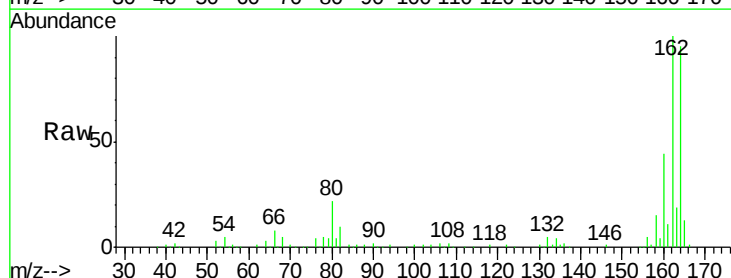
Instrument :
 BNA_F
 ClientSampleId :
 1605184354

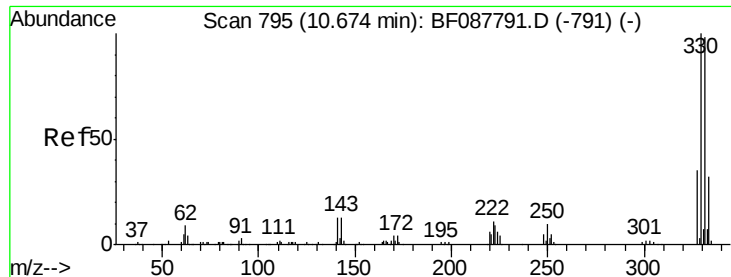
Tot Ion: 82 Resp: 56151
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.9 53.9
 54 43.2 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion:164 Resp: 151252
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.4 128.2
 160 46.4 39.5 59.3

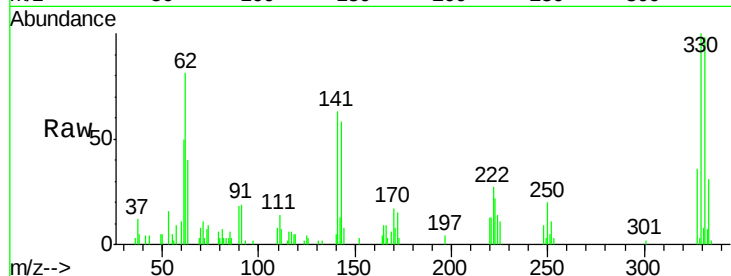




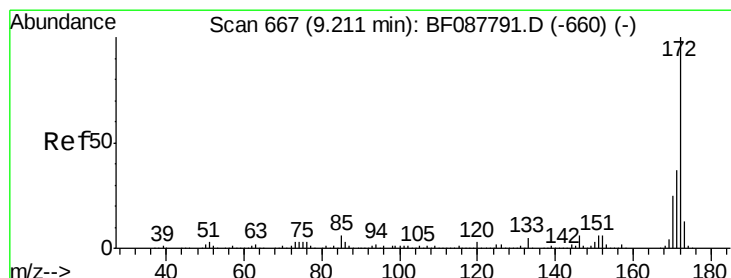
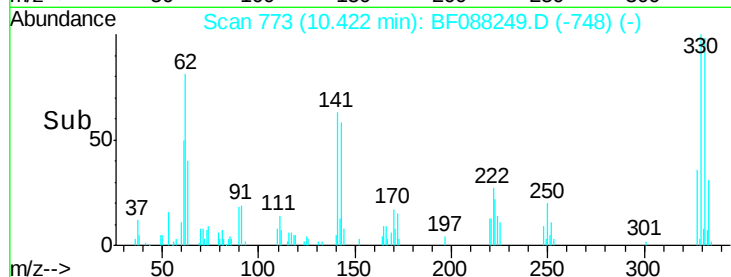
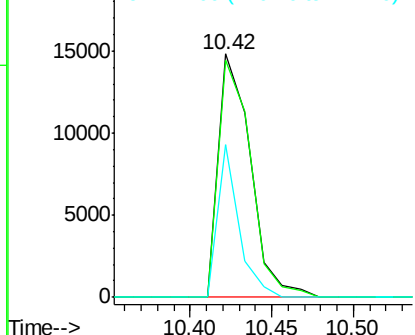
#41
 2,4,6-Tribromophenol
 Concen: 12.65 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 1605184354

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	41.2	0.0	0.0#

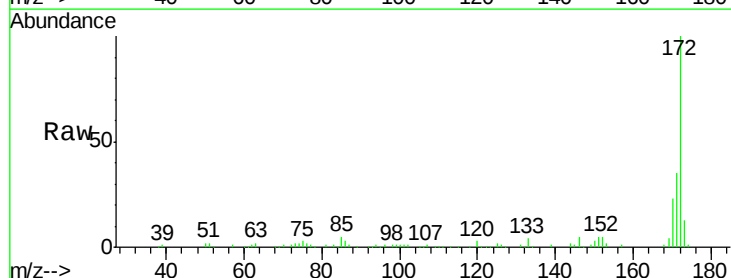


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

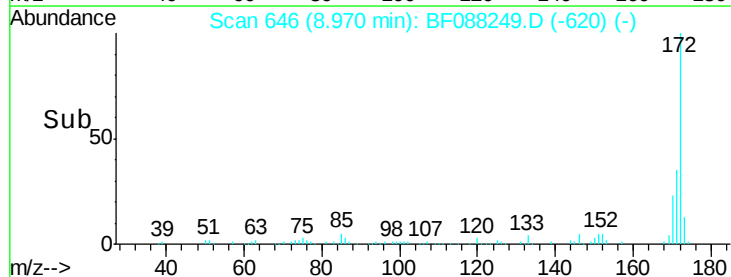
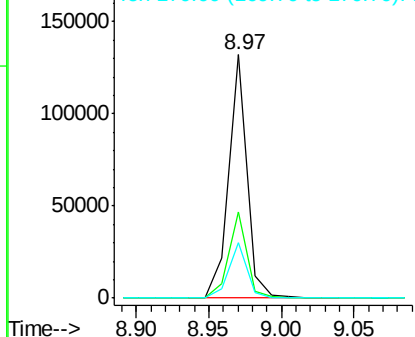


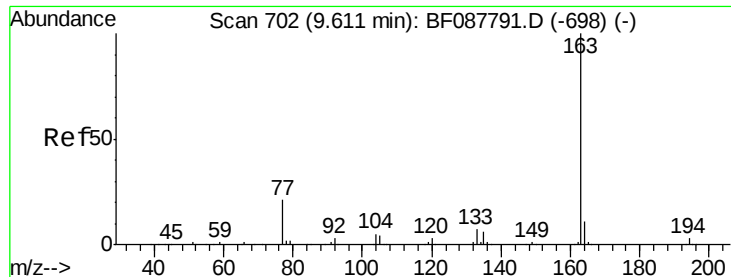
#44
 2-Fluorobiphenyl
 Concen: 6.92 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088249.D
 Acq: 22 Jun 2016 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.8	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

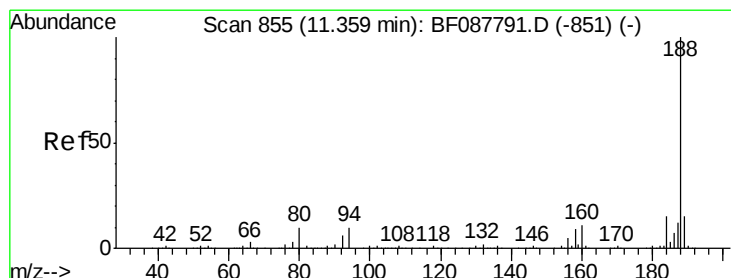
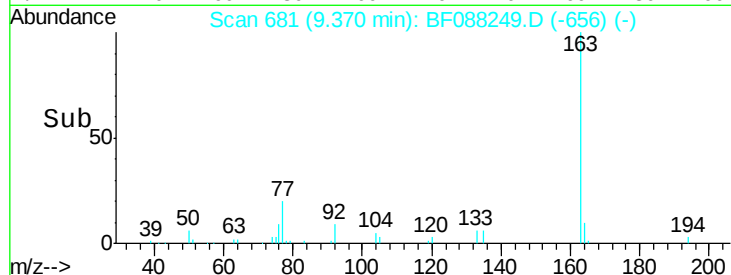
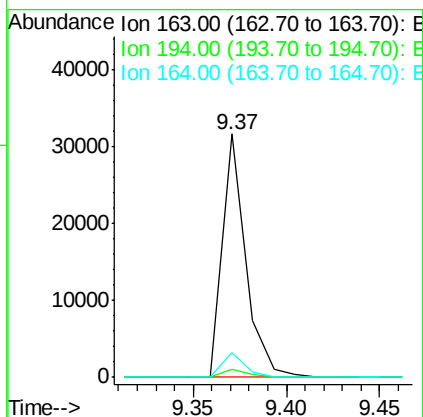
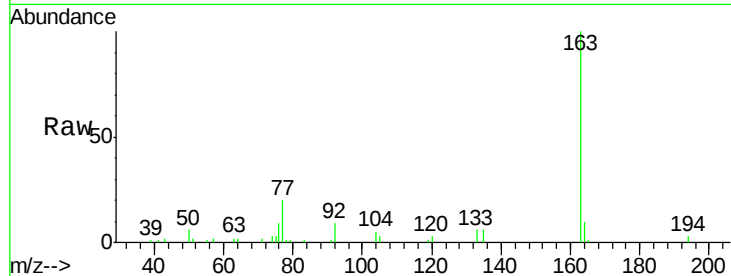




#49
Dimethylphthalate
Concen: 2.53 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

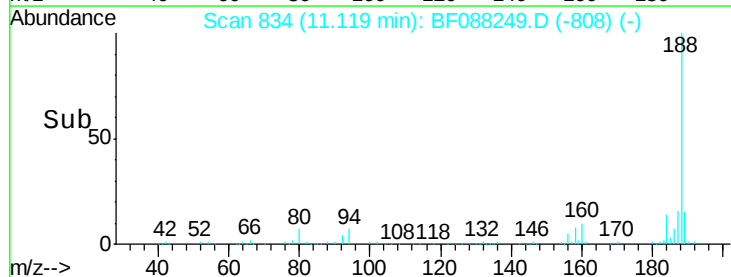
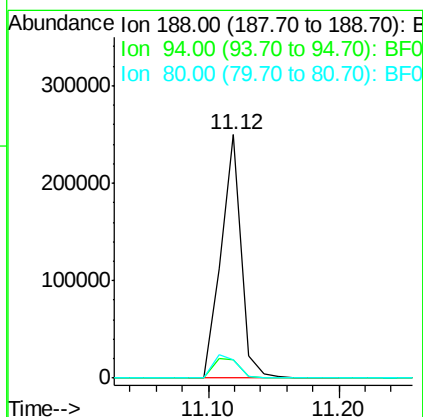
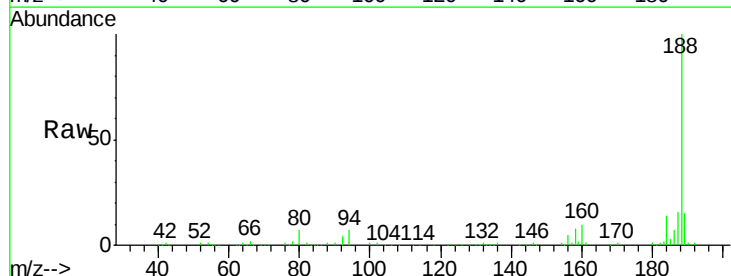
Instrument :
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ClientSampleId :
1605184354

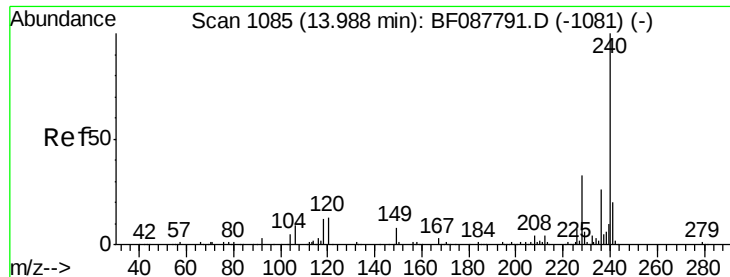
Tot Ion:163 Resp: 27675
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.0 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Tgt Ion:188 Resp: 270372
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.3 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

Instrument :

BNA_F

ClientSampleId :

1605184354

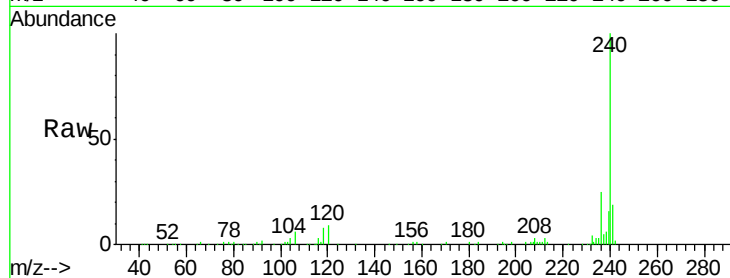
Tot Ion:240 Resp: 236171

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

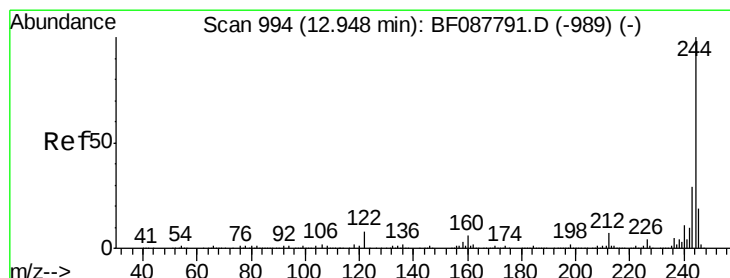
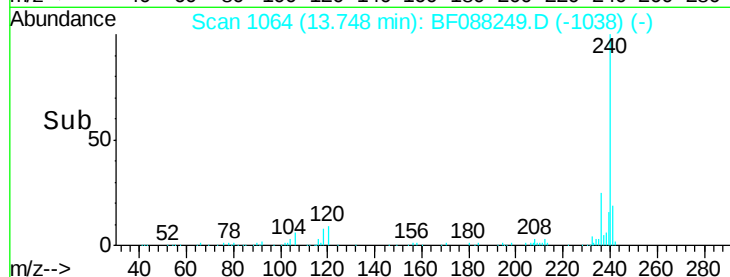
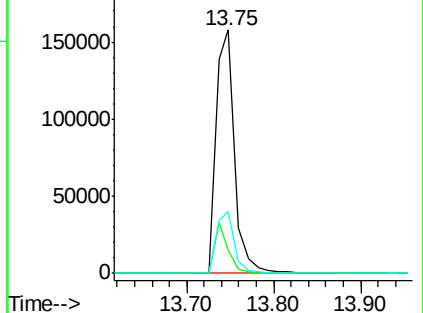
236 25.4 20.2 30.2



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: 10.66 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088249.D

Acq: 22 Jun 2016 14:58

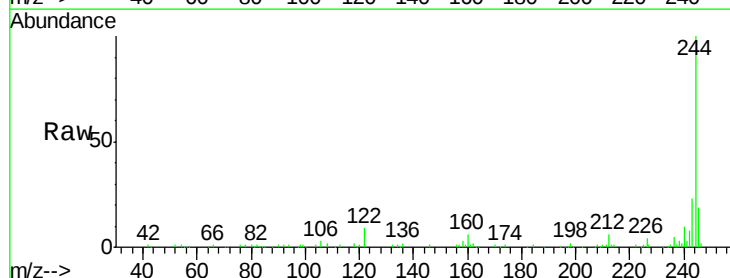
Tgt Ion:244 Resp: 110640

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

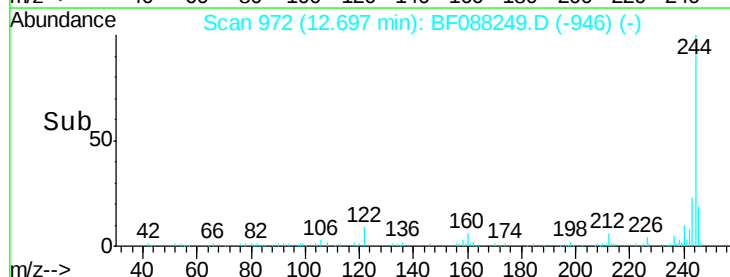
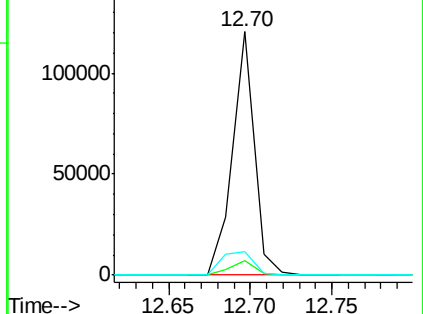
122 9.4 11.2 16.8#

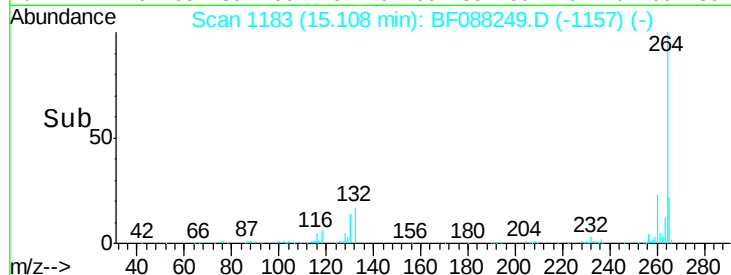
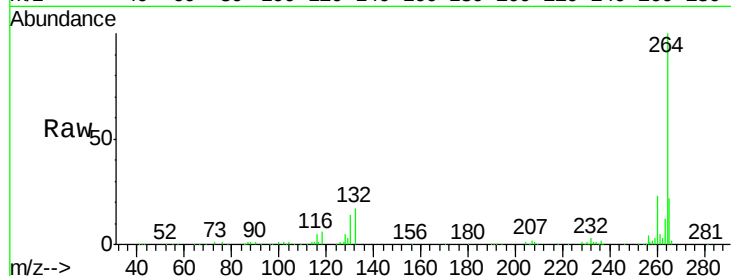
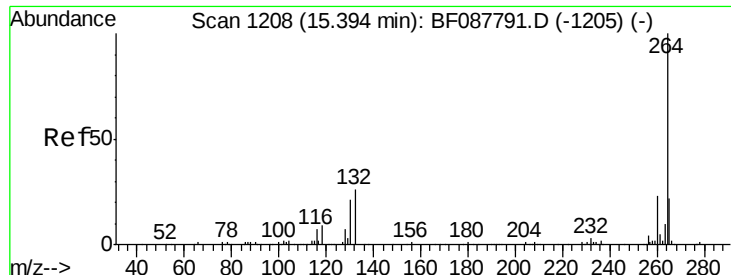


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088249.D
Acq: 22 Jun 2016 14:58

Instrument :
BNA_F
ClientSampleId :
1605184354

Tot Ion:	264	Resp:	186189
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	16.9	25.3

