

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088221.D
 Acq On : 21 Jun 2016 19:17
 Operator : UM/SJ
 Sample : H3656-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM2

Quant Time: Jun 22 00:59:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	82553	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	313485	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	149410	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	291060	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	243454	20.00	ng	-0.01
86) Perylene-d12	15.17	264	177685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	259536	53.75	ng	-0.01
7) Phenol-d6	6.30	99	198517	33.92	ng	-0.03
23) Nitrobenzene-d5	7.22	82	438272	81.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	183753	116.48	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	831039	87.54	ng	-0.02
78) Terphenyl-d14	12.75	244	765289	71.53	ng	-0.01

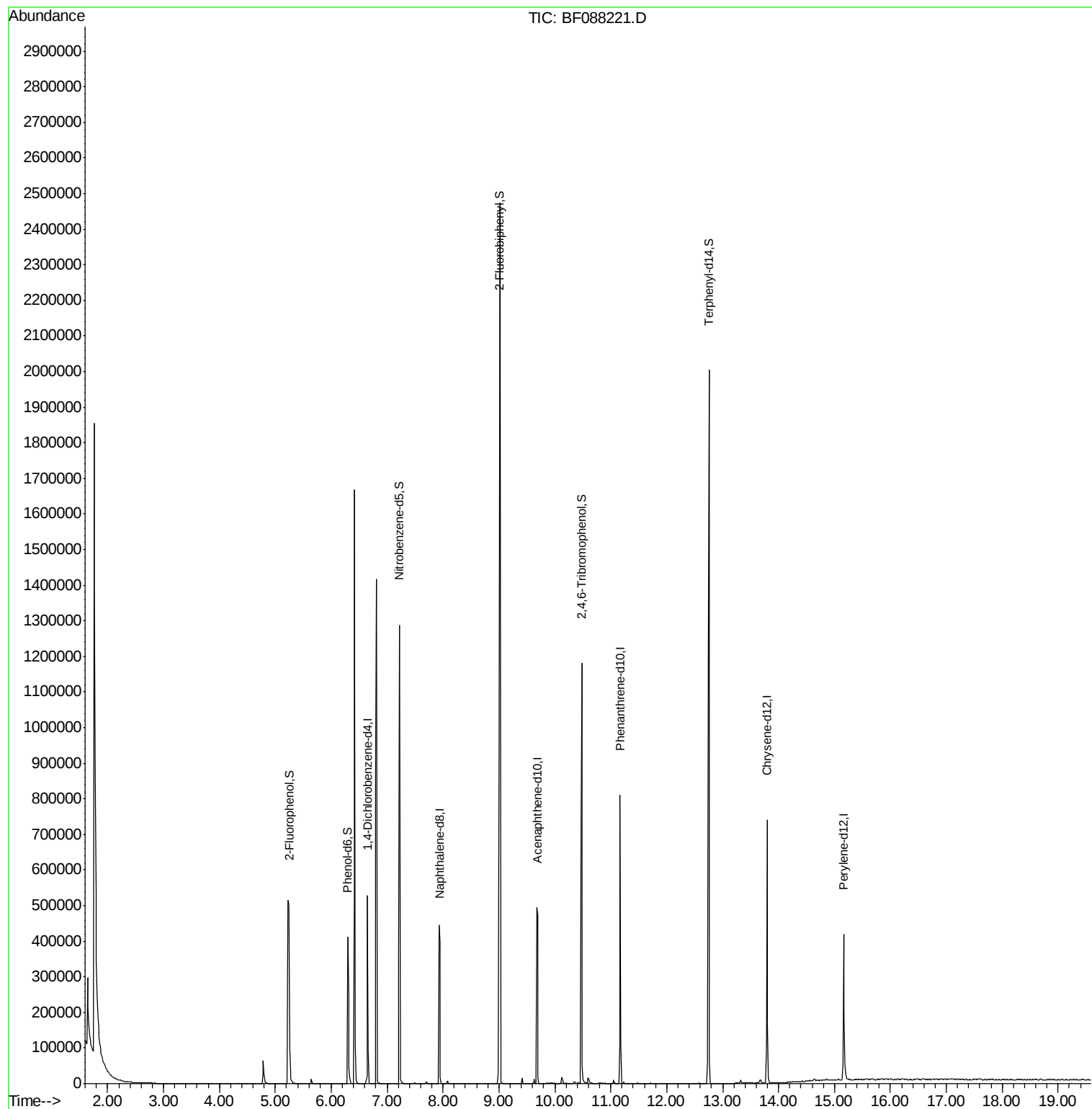
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF088221.D

Acq: 21 Jun 2016 19:17

Instrument :

BNA_F

ClientSampleId :

ERM2

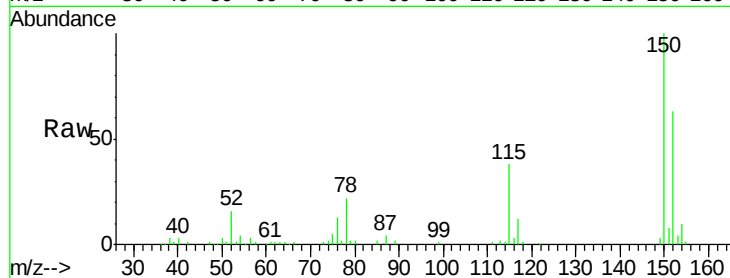
Tot Ion:152 Resp: 82553

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

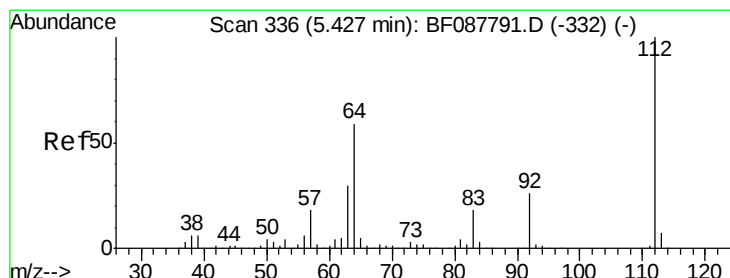
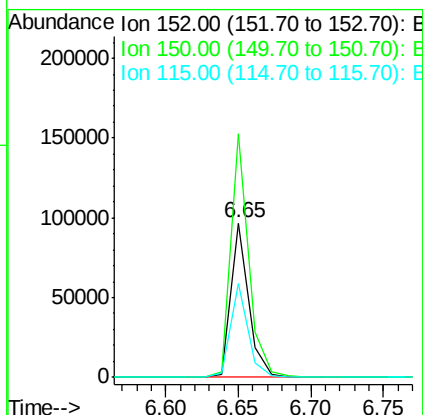
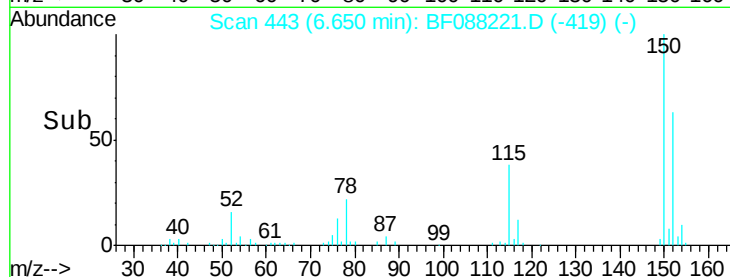
115 60.7 39.6 59.4#



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: 53.75 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088221.D

Acq: 21 Jun 2016 19:17

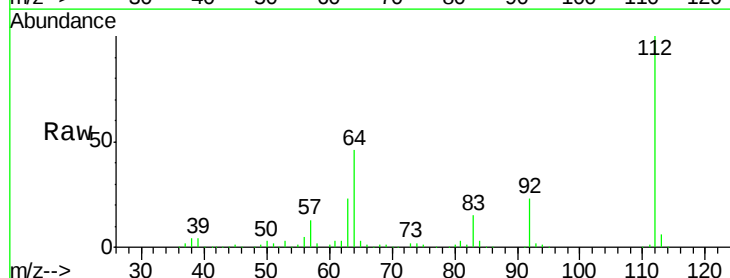
Tgt Ion:112 Resp: 259536

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

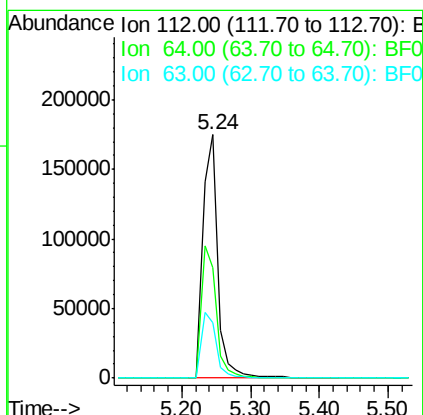
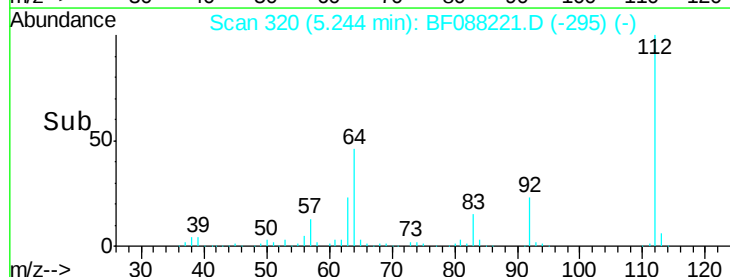
63 22.6 21.8 32.8



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: 33.92 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF088221.D

Acq: 21 Jun 2016 19:17

Instrument :

BNA_F

ClientSampleId :

ERM2

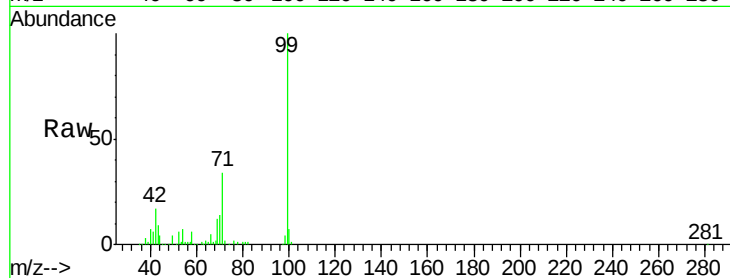
Tot Ion: 99 Resp: 198517

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

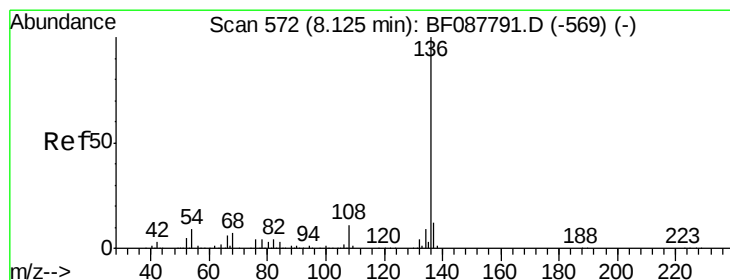
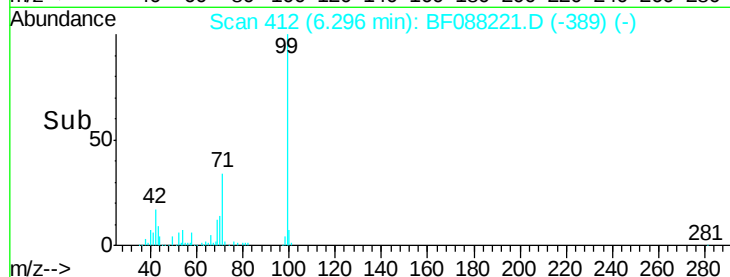
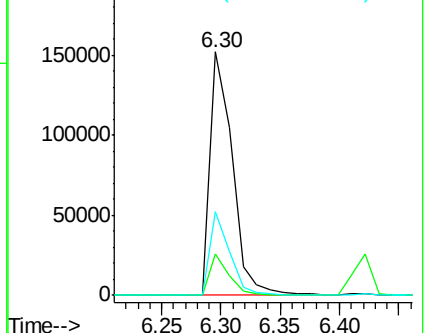
71 34.4 23.4 35.0



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: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF088221.D

Acq: 21 Jun 2016 19:17

Tgt Ion: 136 Resp: 313485

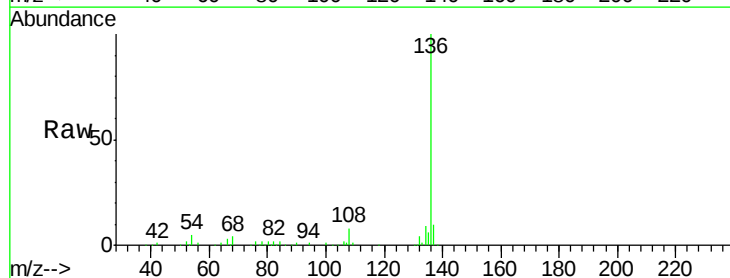
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

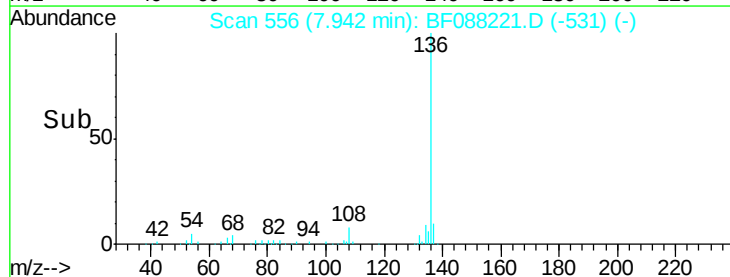
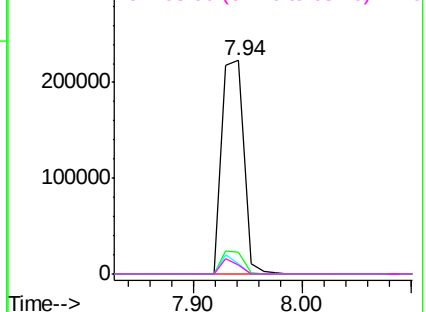


Abundance Ion 136.00 (135.70 to 136.70): E

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

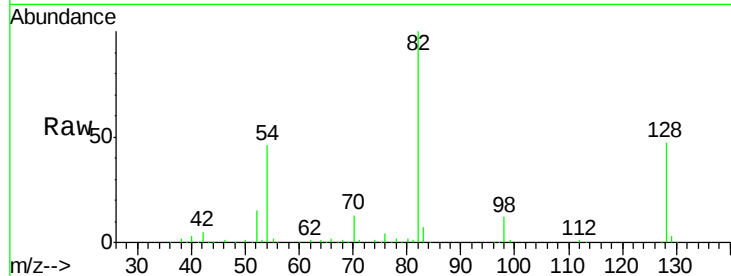




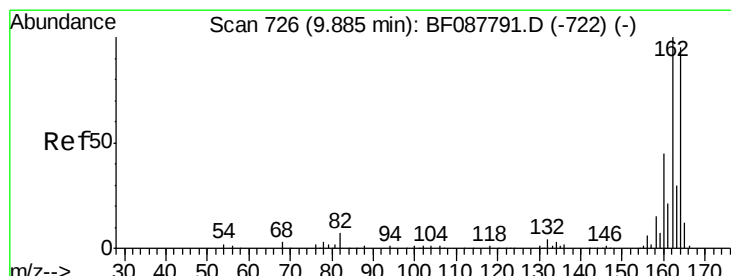
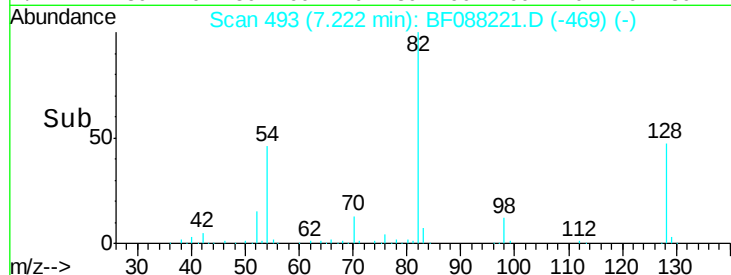
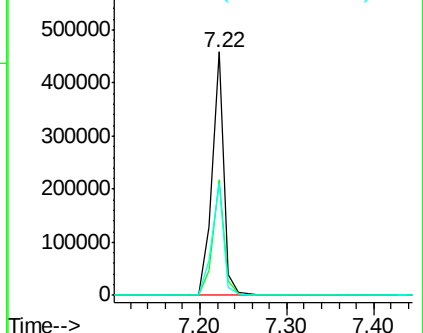
#23
 Nitrobenzene-d5
 Concen: 81.64 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ERM2

Tot Ion: 82 Resp: 438272
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 46.1 40.9 61.3

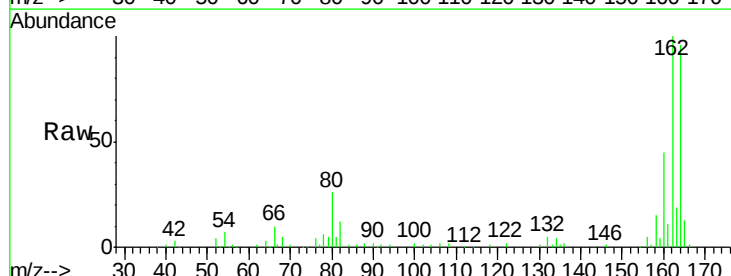


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

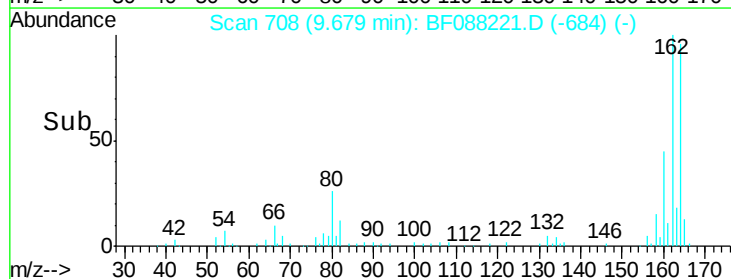
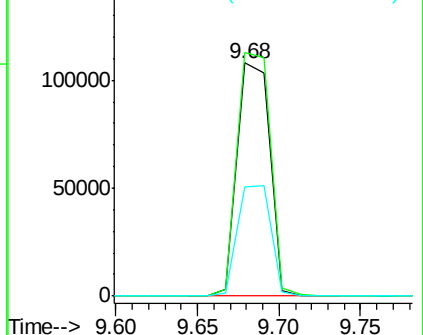


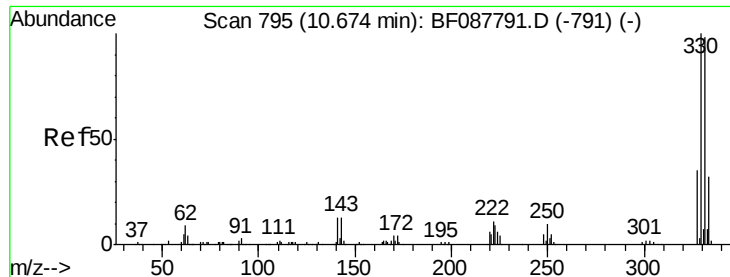
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Tgt Ion:164 Resp: 149410
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.4 128.2
 160 46.6 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

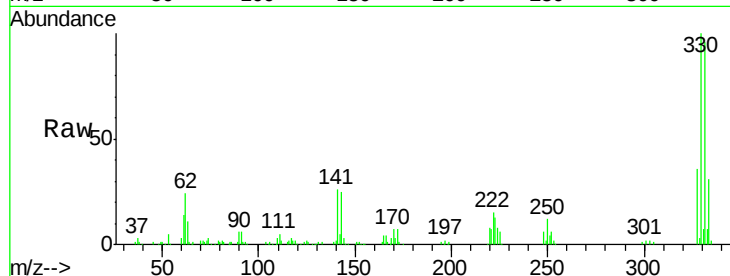




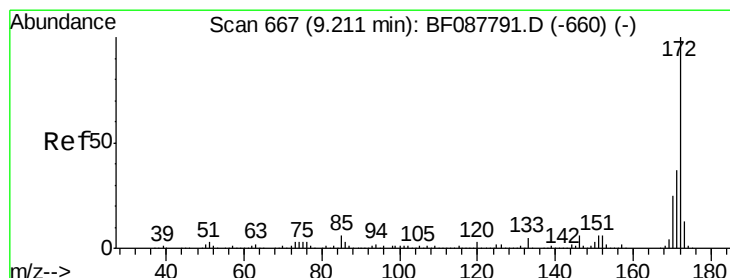
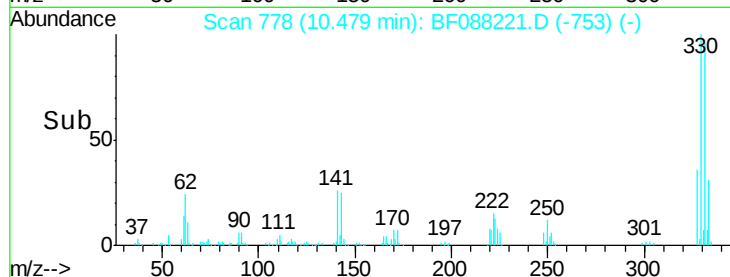
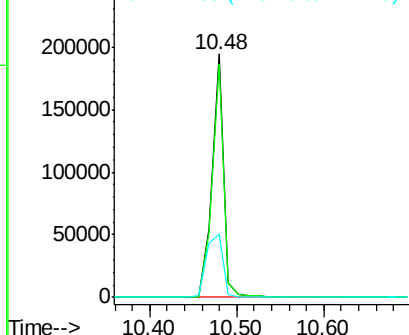
#41
 2,4,6-Tribromophenol
 Concen: 116.48 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ERM2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	36.7	0.0	0.0#

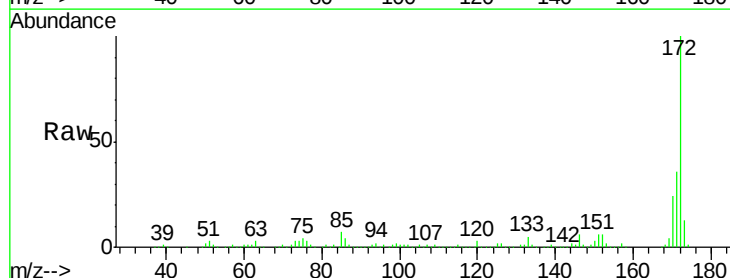


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

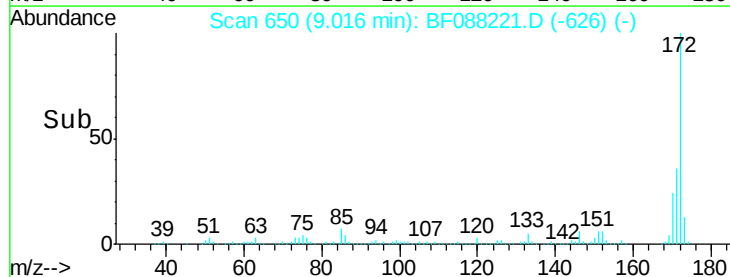
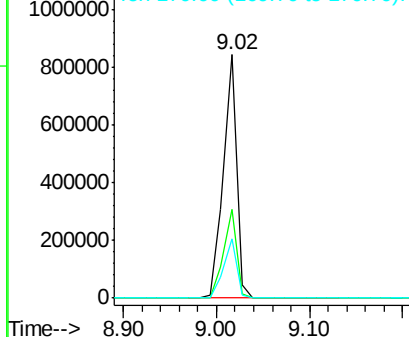


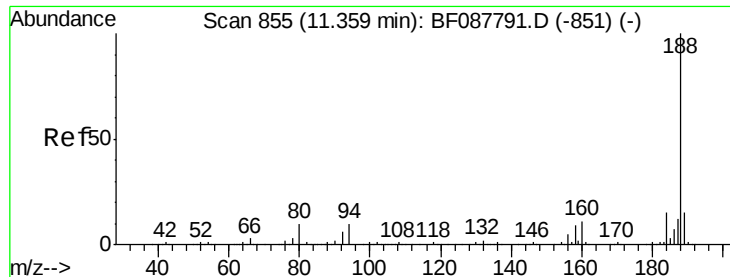
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.02 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	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

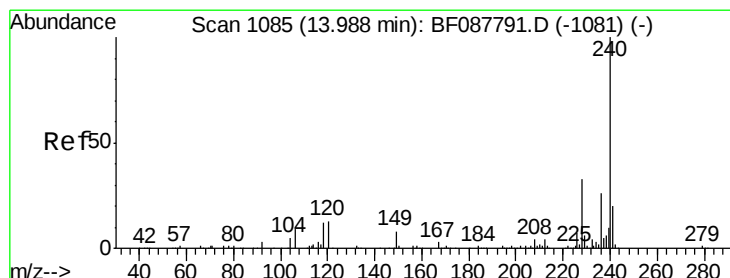
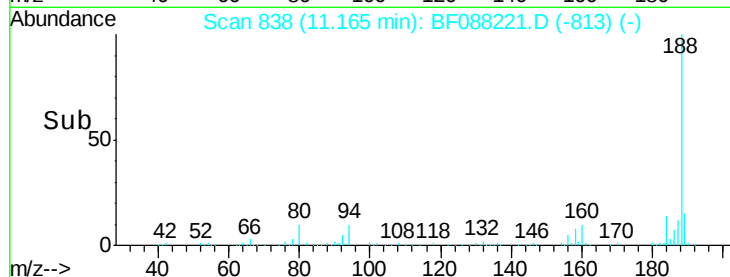
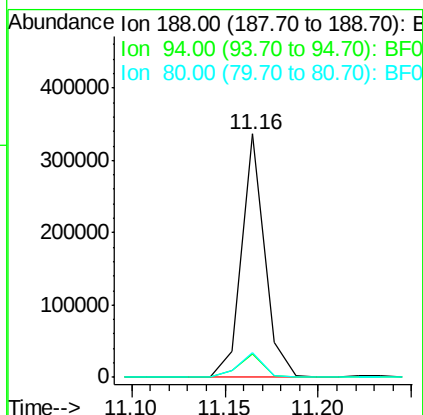
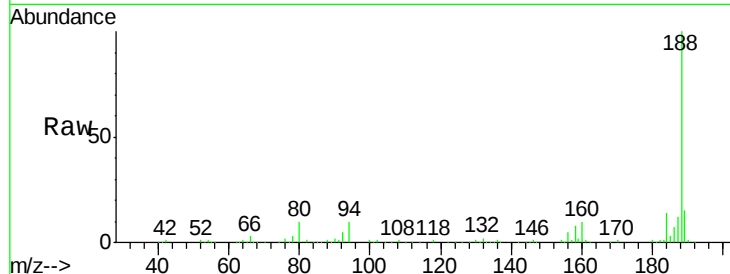




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

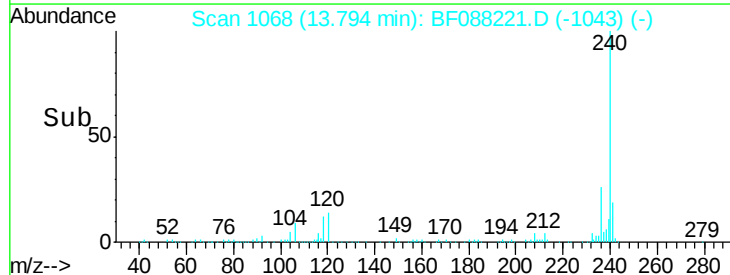
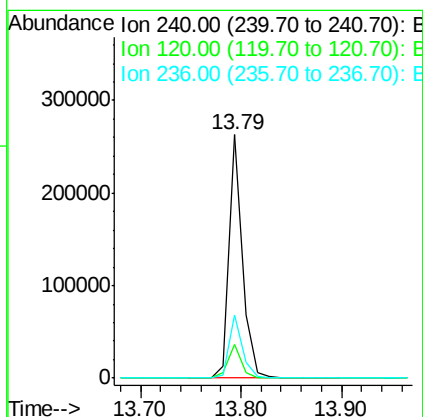
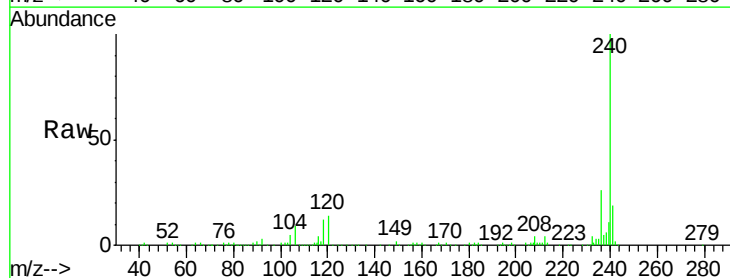
Instrument :
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ERM2

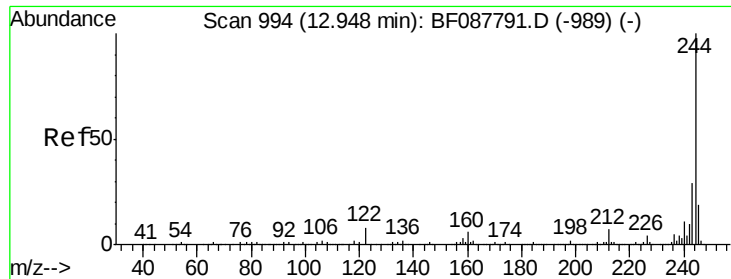
Tot Ion:188 Resp: 291060
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 9.9 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:240 Resp: 243454
Ion Ratio Lower Upper
240 100
120 13.8 6.8 10.2#
236 25.8 20.2 30.2

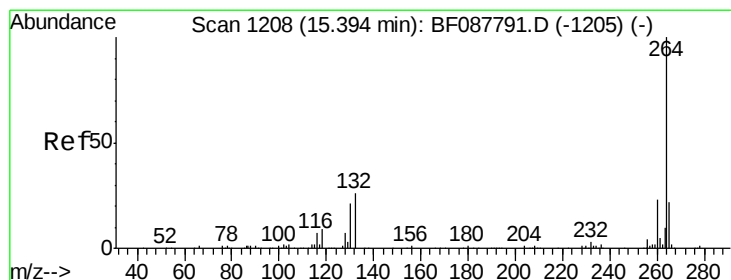
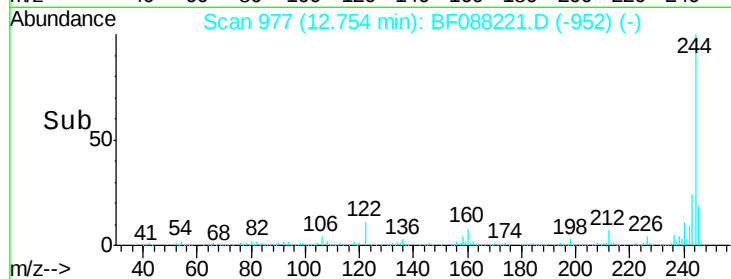
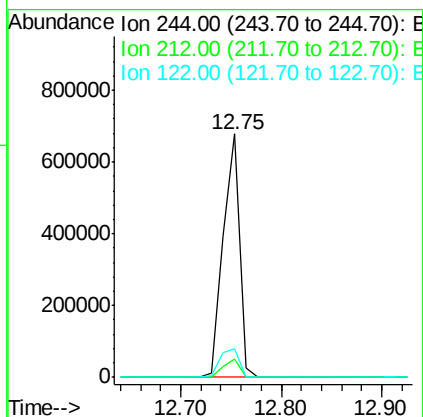
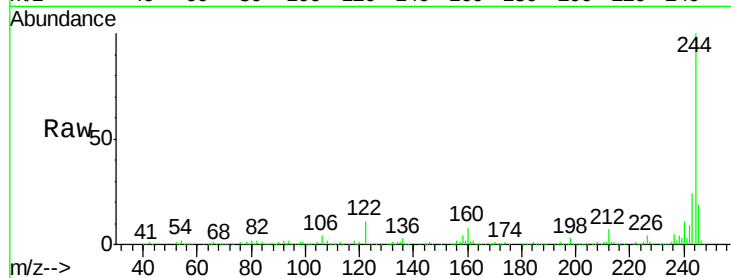




#78
 Terphenyl-d14
 Concen: 71.53 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Instrument :
 BNA_F
 ClientSampleId :
 ERM2

Tot Ion:244 Resp: 765289
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088221.D
 Acq: 21 Jun 2016 19:17

Tgt Ion:264 Resp: 177685
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 16.9 25.3

