

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088245.D
 Acq On : 22 Jun 2016 7:51
 Operator : UM/SJ
 Sample : H3633-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Quant Time: Jun 22 08:40:09 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 08:34:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	84560	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	333253	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	152713	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	282900	20.00	ng	0.00
75) Chrysene-d12	13.79	240	211437	20.00	ng	0.00
86) Perylene-d12	15.17	264	162682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	292924	59.22	ng	0.00
7) Phenol-d6	6.30	99	234507	39.12	ng	-0.01
23) Nitrobenzene-d5	7.22	82	452310	79.26	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	178458	110.67	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	852543	87.89	ng	0.00
78) Terphenyl-d14	12.74	244	735379	79.14	ng	-0.01

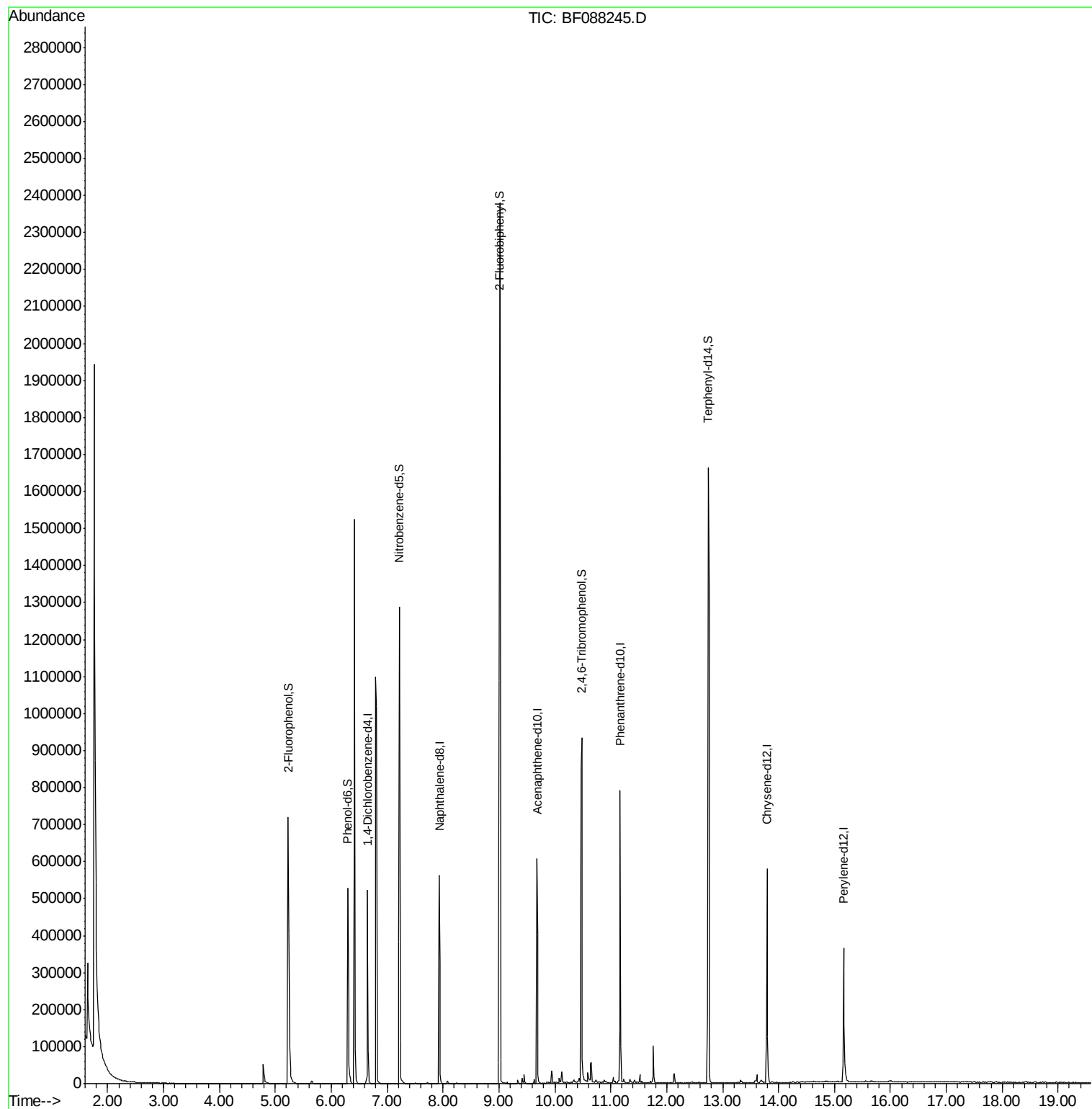
Target Compounds Qvalue

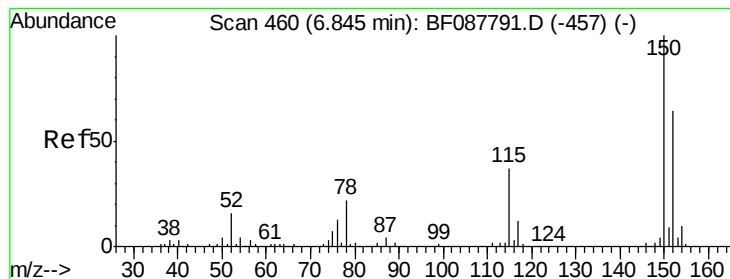
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF088245.D

Acq: 22 Jun 2016 7:51

Instrument :

BNA_F

ClientSampleId :

P0-010

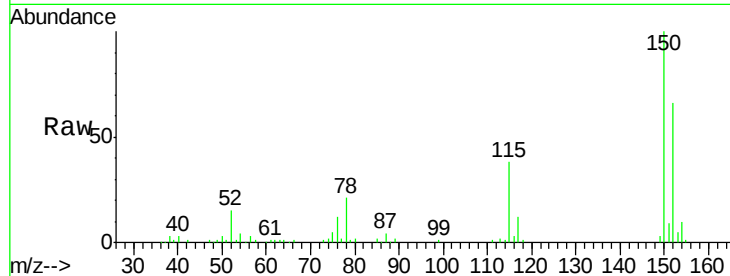
Tot Ion:152 Resp: 84560

Ion Ratio Lower Upper

152 100

150 152.2 123.8 185.6

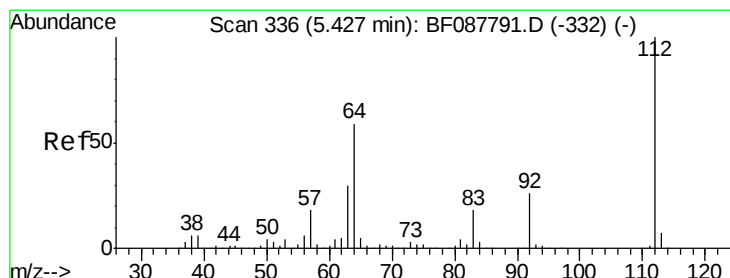
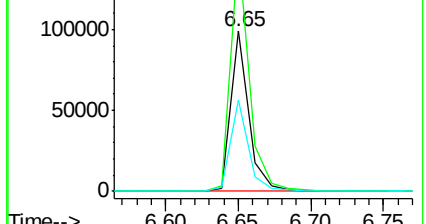
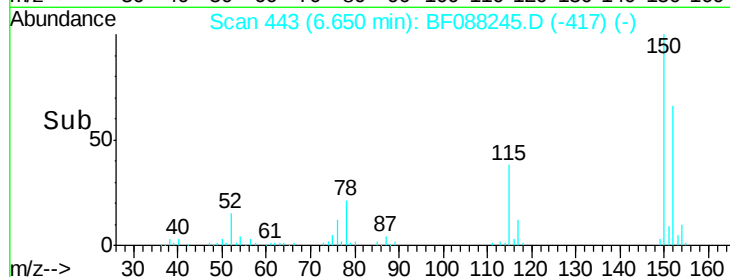
115 57.3 39.6 59.4



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: 59.22 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.00 min

Lab File: BF088245.D

Acq: 22 Jun 2016 7:51

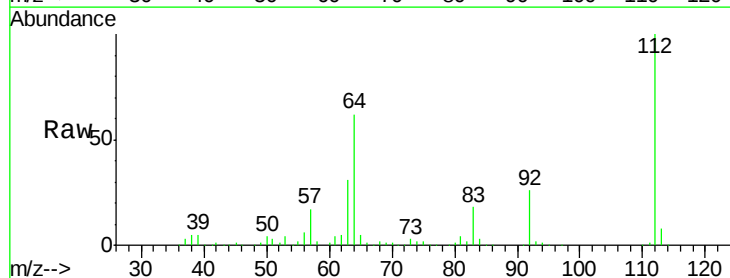
Tgt Ion:112 Resp: 292924

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

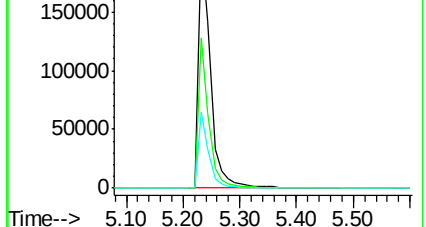
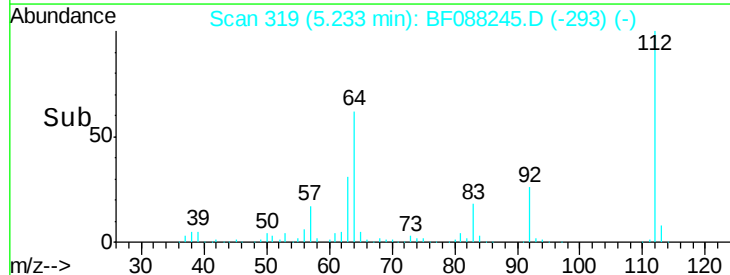
63 31.1 21.8 32.8



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: 39.12 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF088245.D

Acq: 22 Jun 2016 7:51

Instrument :

BNA_F

ClientSampleId :

P0-010

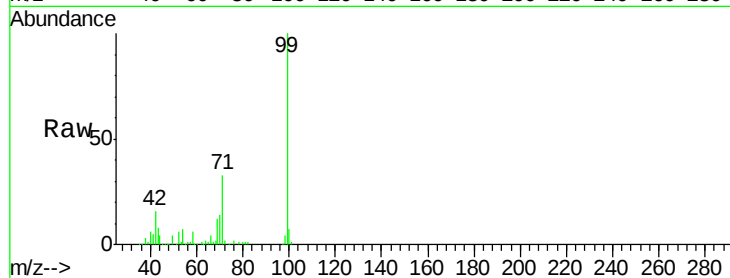
Tot Ion: 99 Resp: 234507

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

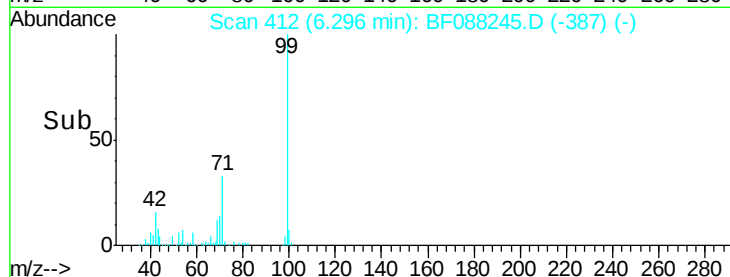
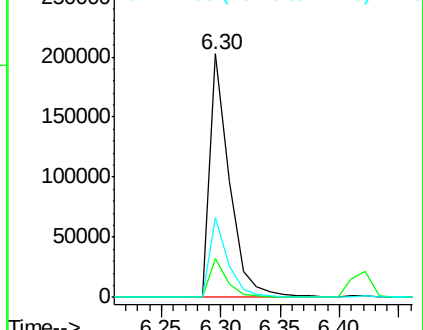
71 32.9 23.4 35.0



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: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF088245.D

Acq: 22 Jun 2016 7:51

Tgt Ion: 136 Resp: 333253

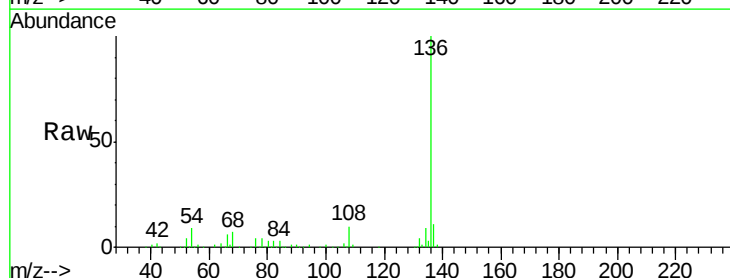
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.6 6.6 10.0

68 7.0 5.1 7.7

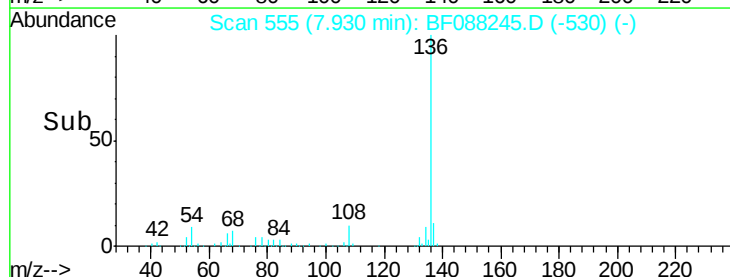
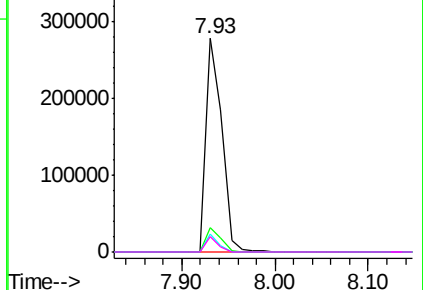


Abundance Ion 136.00 (135.70 to 136.70): E

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

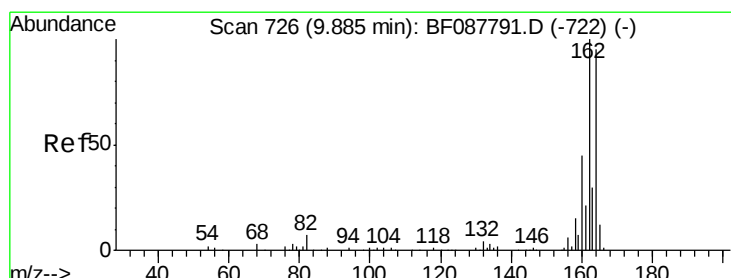
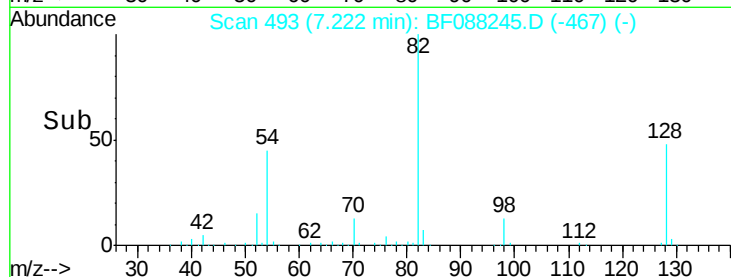
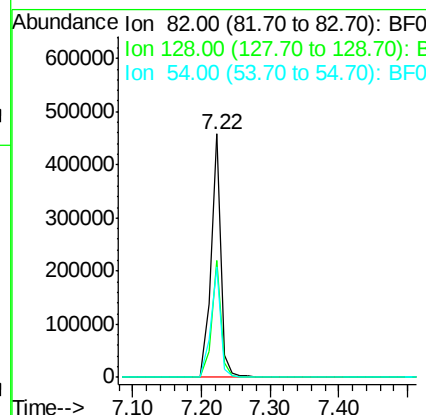
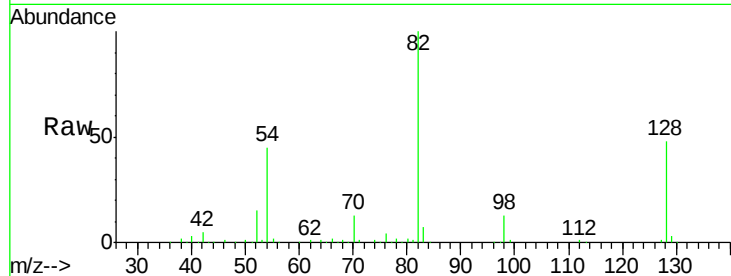




#23
 Nitrobenzene-d5
 Concen: 79.26 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

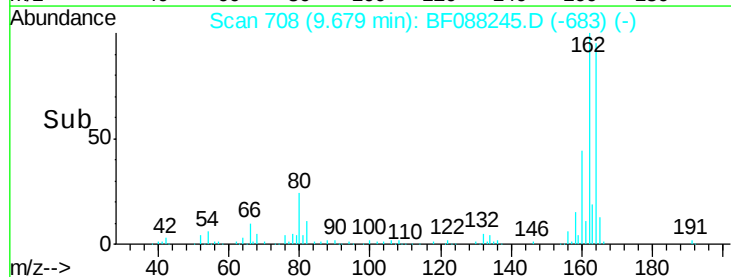
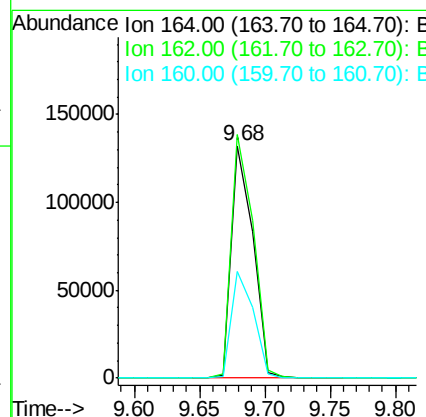
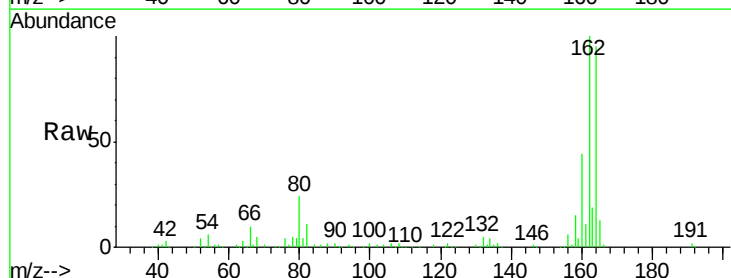
Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tot Ion: 82 Resp: 452310
 Ion Ratio Lower Upper
 82 100
 128 48.2 35.9 53.9
 54 45.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

Tgt Ion:164 Resp: 152713
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 46.1 39.5 59.3

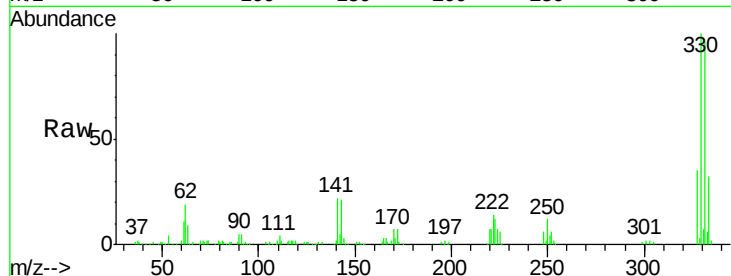




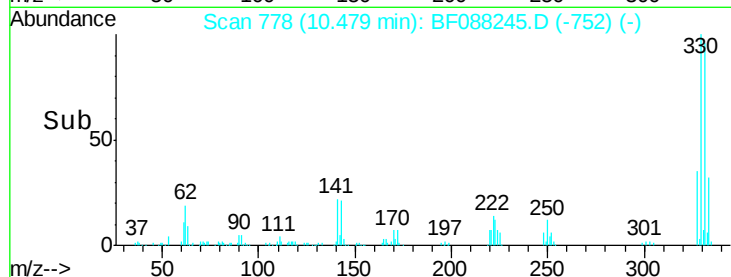
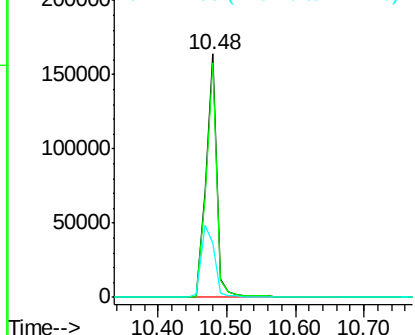
#41
 2,4,6-Tribromophenol
 Concen: 110.67 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	36.0	0.0	0.0#

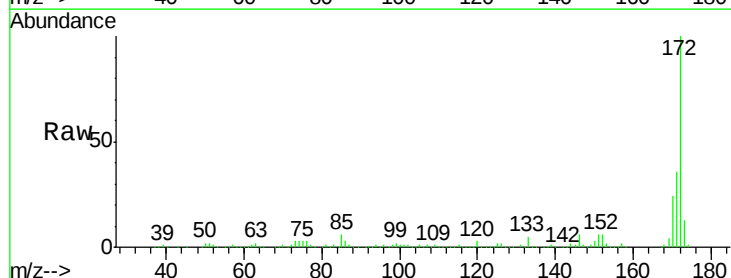


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

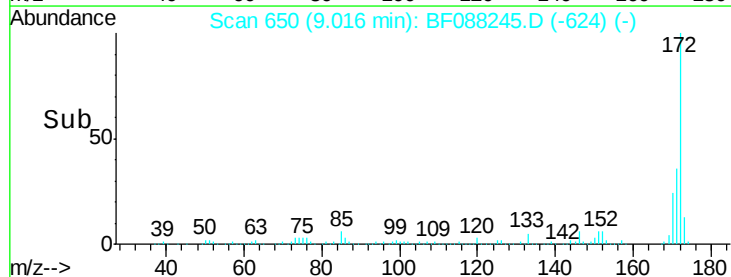
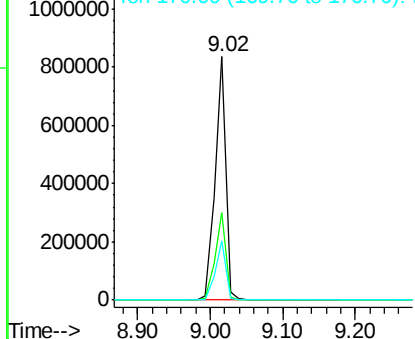


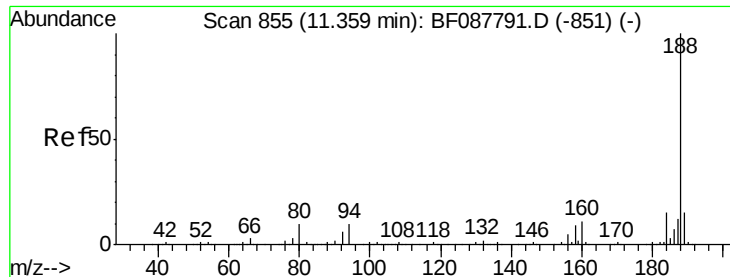
#44
 2-Fluorobiphenyl
 Concen: 87.89 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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

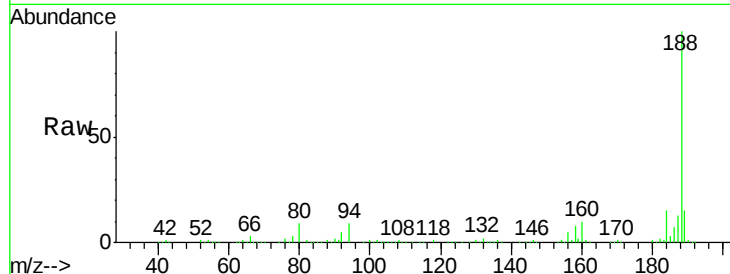




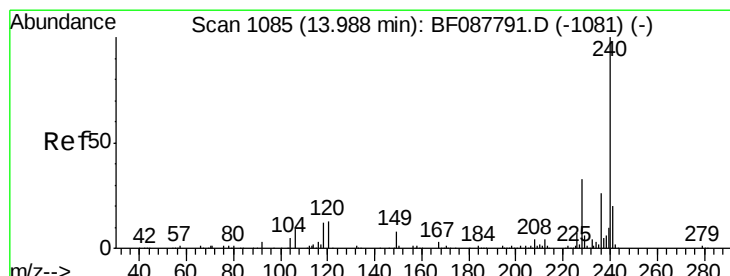
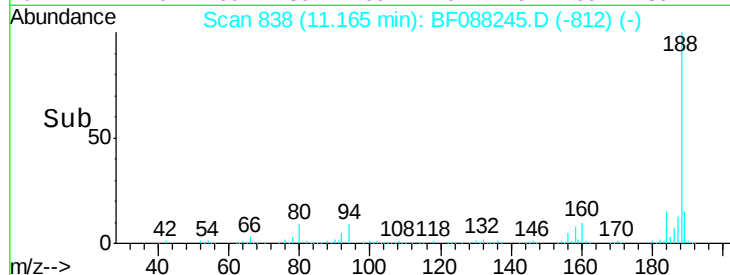
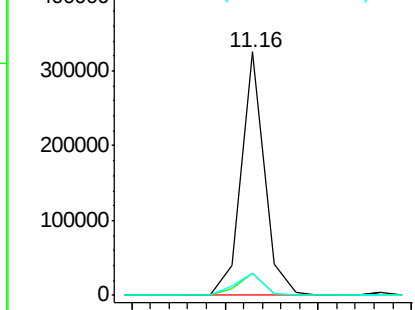
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF088245.D
Acq: 22 Jun 2016 7:51

Instrument :
BNA_F
ClientSampleId :
P0-010

Tot Ion:188 Resp: 282900
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.6
80 9.2 10.0 15.0#

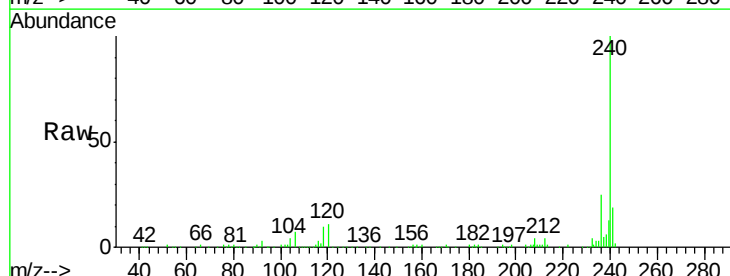


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

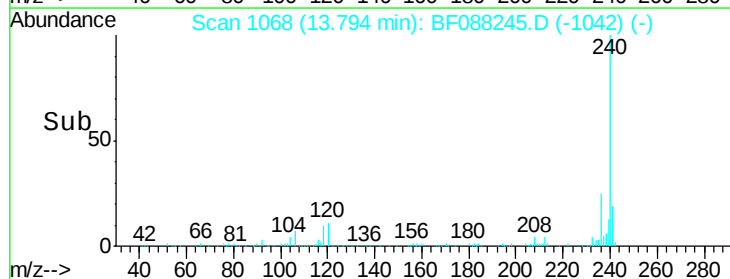
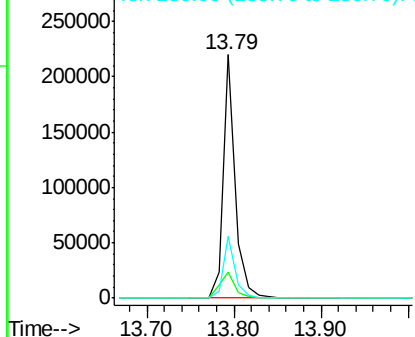


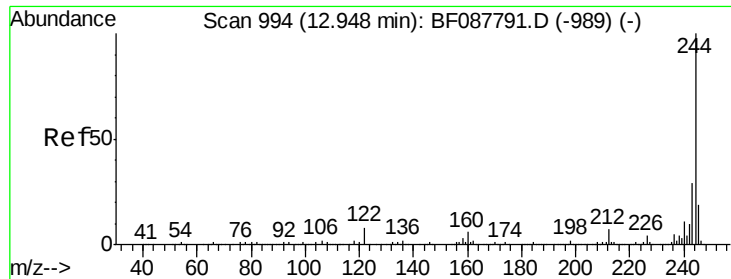
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088245.D
Acq: 22 Jun 2016 7:51

Tgt Ion:240 Resp: 211437
Ion Ratio Lower Upper
240 100
120 10.9 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

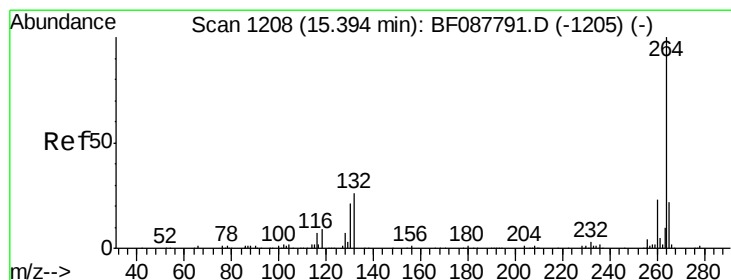
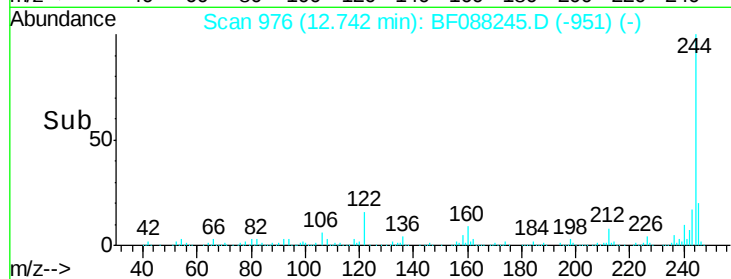
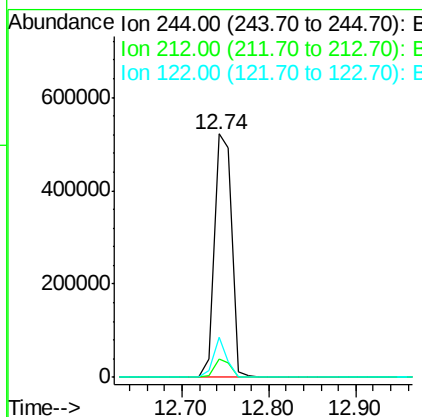
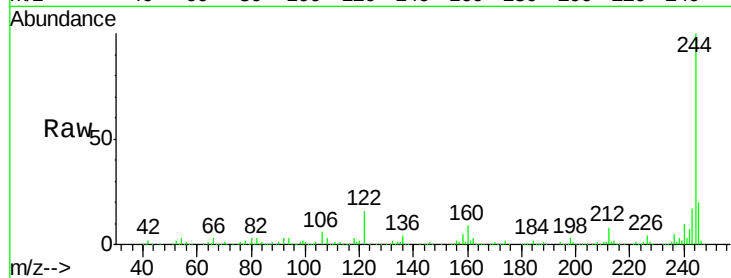




#78
 Terphenyl-d14
 Concen: 79.14 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

Instrument :
 BNA_F
 ClientSampleId :
 P0-010

Tot Ion:244 Resp: 735379
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 16.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF088245.D
 Acq: 22 Jun 2016 7:51

Tgt Ion:264 Resp: 162682
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 16.9 25.3

