

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088177.D
 Acq On : 20 Jun 2016 17:58
 Operator : UM/SJ
 Sample : H3362-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

Quant Time: Jun 20 18:44:22 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	6.66	152	86820	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	356296	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	170257	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	330137	20.00	ng	0.00
75) Chrysene-d12	13.81	240	256199	20.00	ng	0.00
86) Perylene-d12	15.18	264	190235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	298895	58.85	ng	0.00
7) Phenol-d6	6.32	99	230983	37.53	ng	-0.01
23) Nitrobenzene-d5	7.23	82	473775	77.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	179158	99.66	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	882966	81.22	ng	-0.01
78) Terphenyl-d14	12.77	244	865337	76.86	ng	0.00

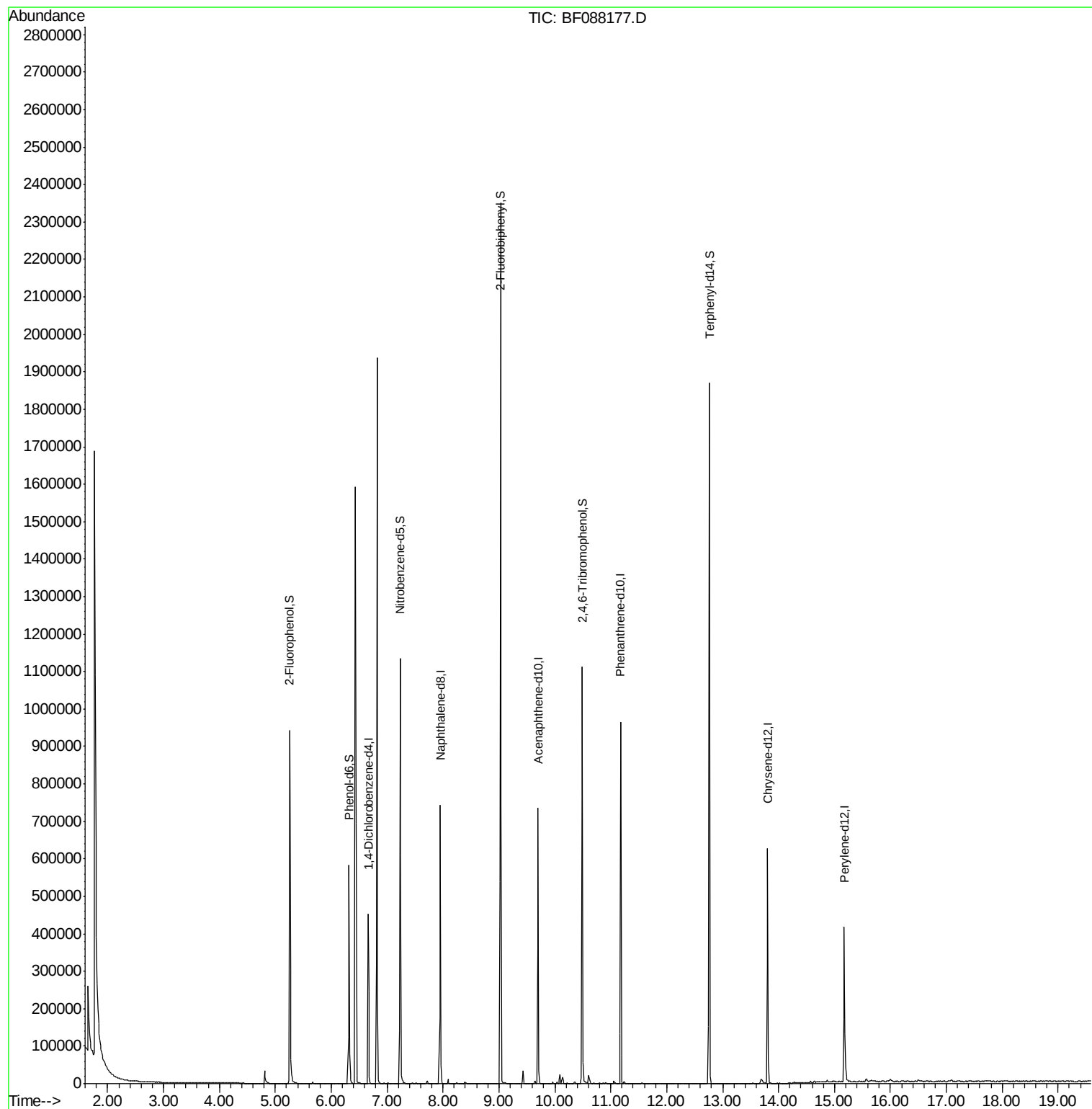
Target Compounds Qvalue

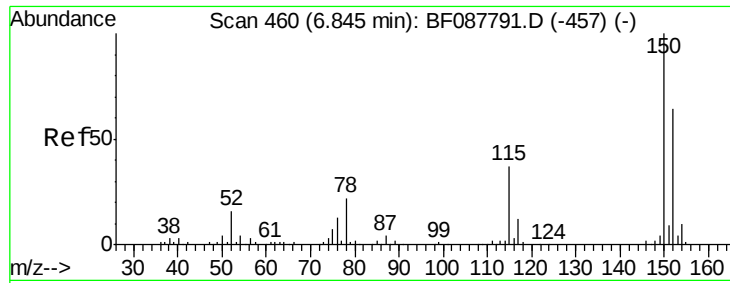
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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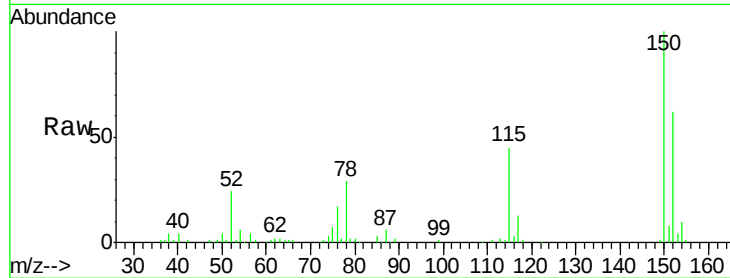




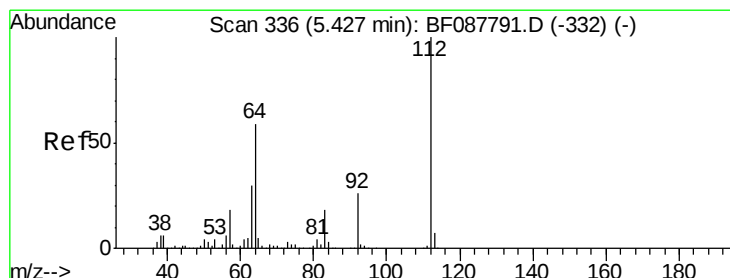
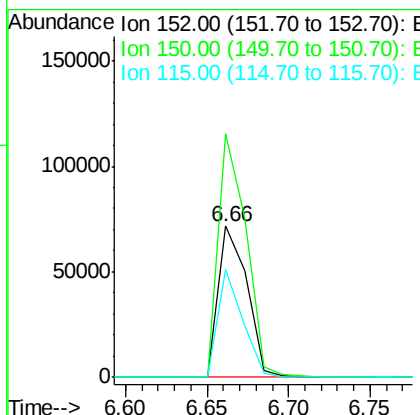
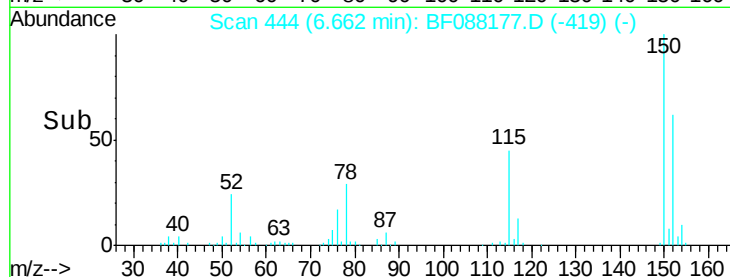
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

Tot Ion:152 Resp: 86820
 Ion Ratio Lower Upper
 152 100
 150 161.4 123.8 185.6
 115 71.8 39.6 59.4#

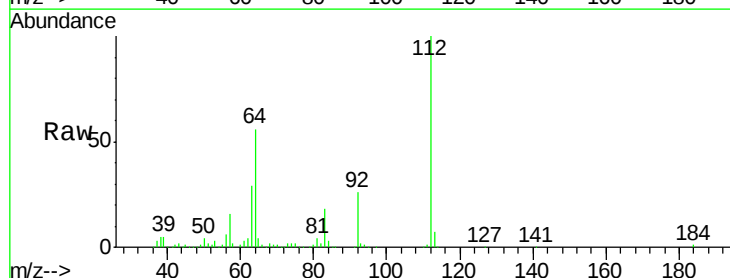


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

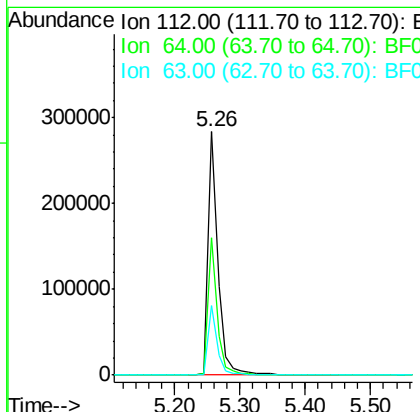
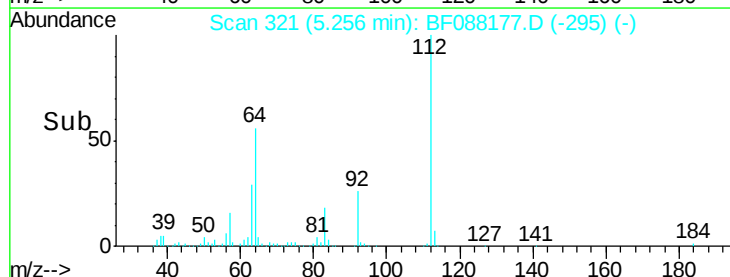


#5
 2-Fluorophenol
 Concen: 58.85 ng
 RT: 5.26 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Tgt Ion:112 Resp: 298895
 Ion Ratio Lower Upper
 112 100
 64 56.3 42.2 63.2
 63 28.7 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: 37.53 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088177.D

Acq: 20 Jun 2016 17:58

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991

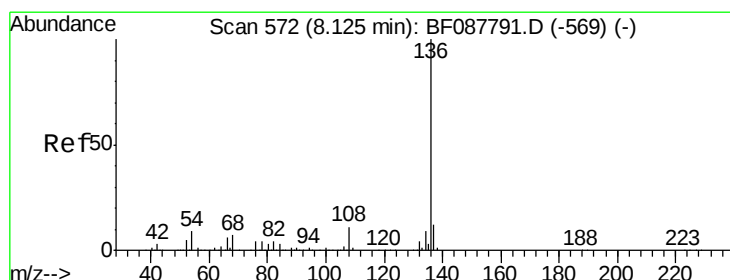
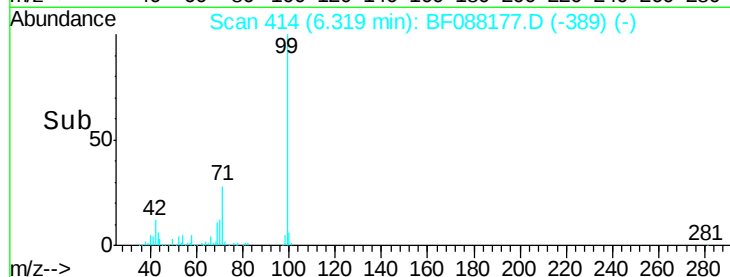
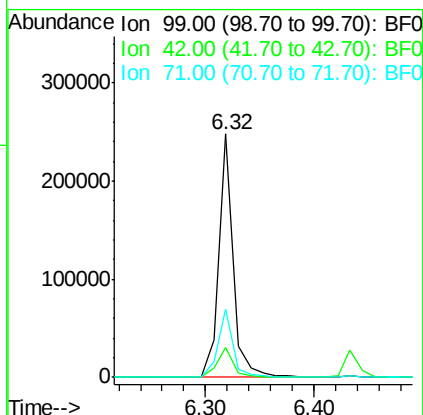
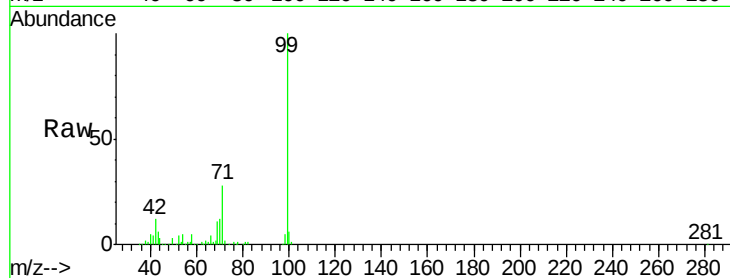
Tot Ion: 99 Resp: 230983

Ion Ratio Lower Upper

99 100

42 12.0 12.2 18.2#

71 28.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088177.D

Acq: 20 Jun 2016 17:58

Tgt Ion: 136 Resp: 356296

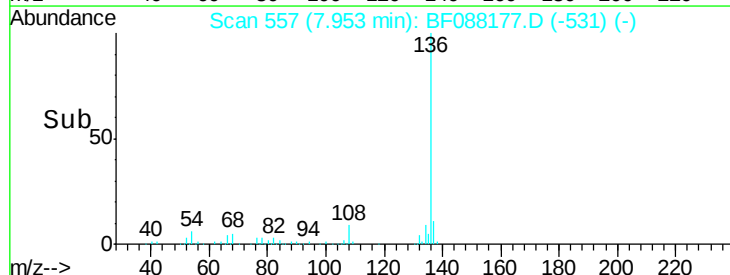
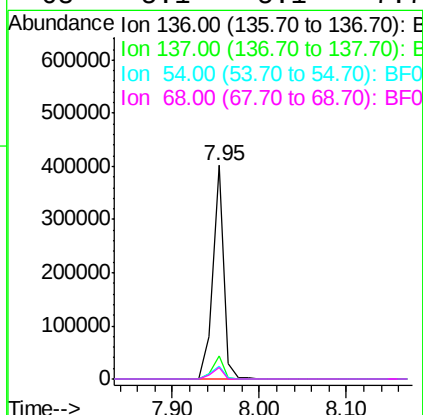
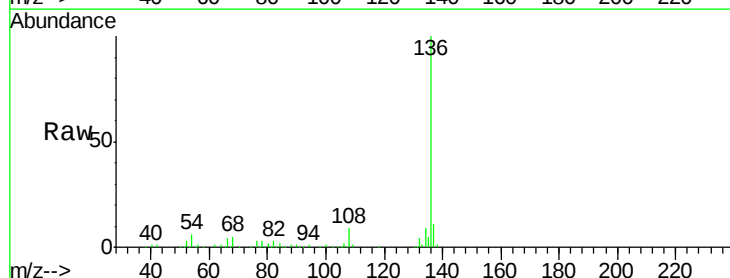
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7#

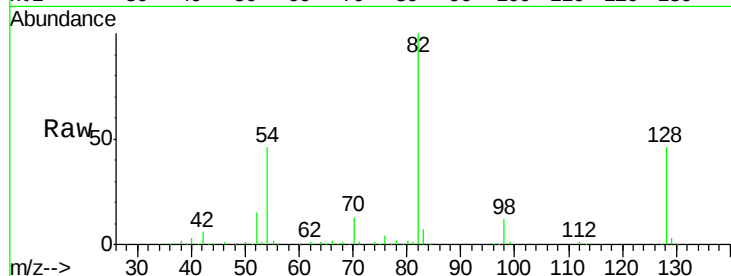




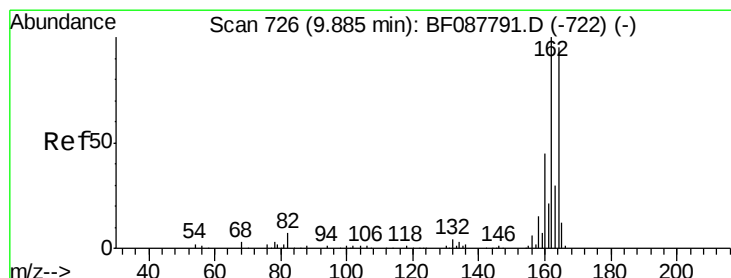
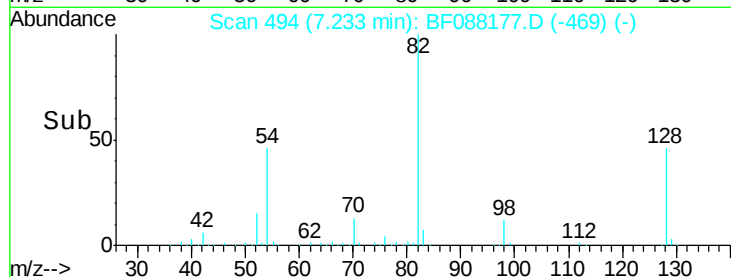
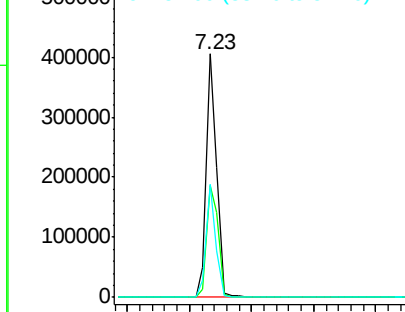
#23
 Nitrobenzene-d5
 Concen: 77.65 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

Tot Ion: 82 Resp: 473775
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 46.3 40.9 61.3

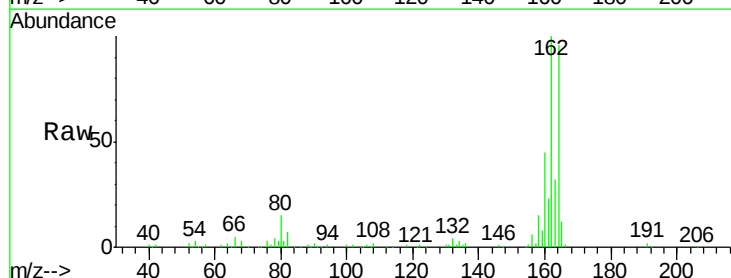


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

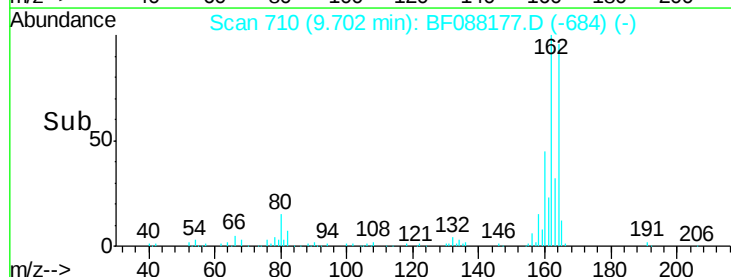
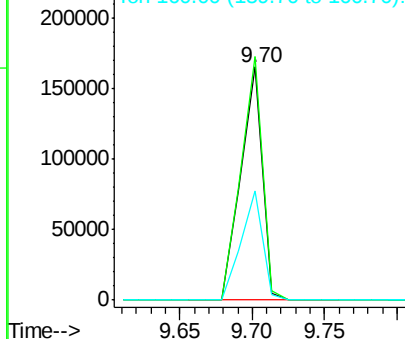


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Tgt Ion:164 Resp: 170257
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 47.2 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

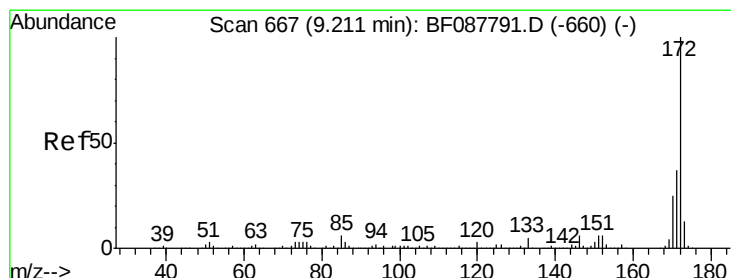
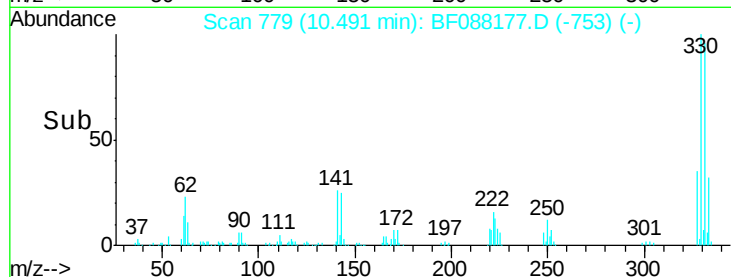
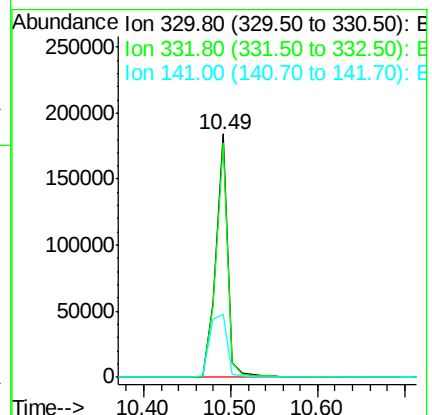
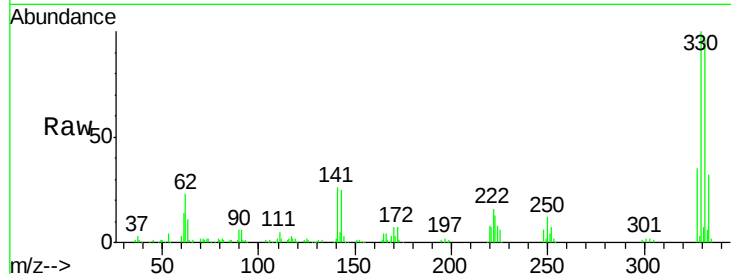




#41
 2,4,6-Tribromophenol
 Concen: 99.66 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

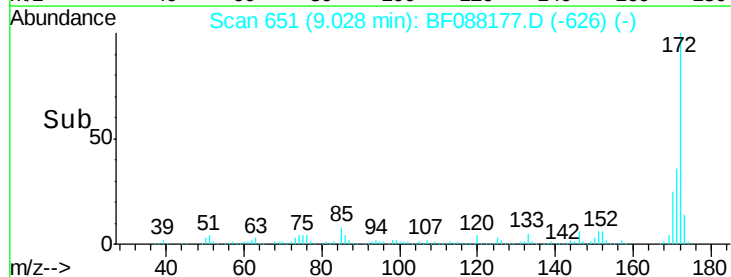
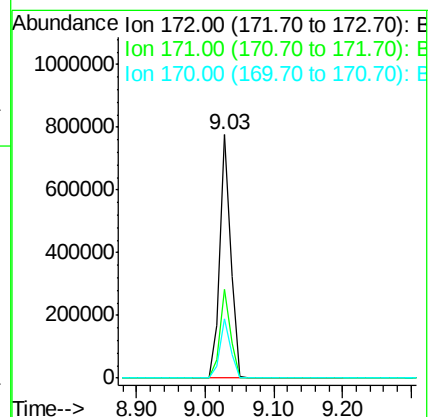
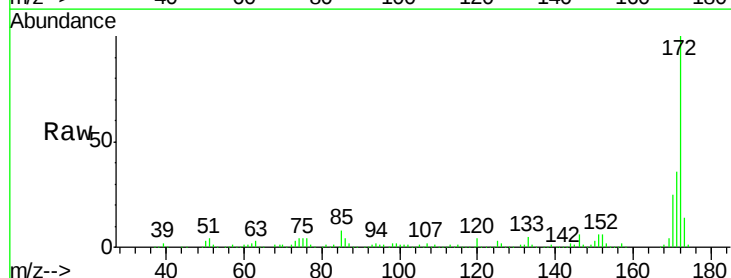
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

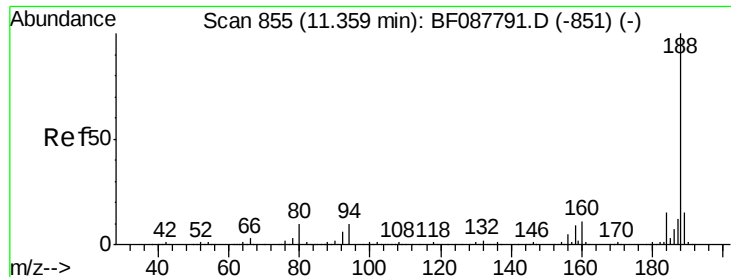
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.22 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.5	19.2	28.8

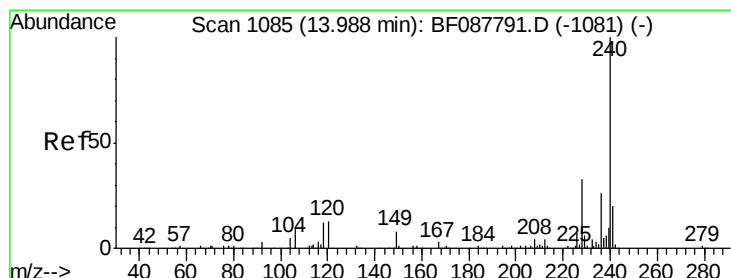
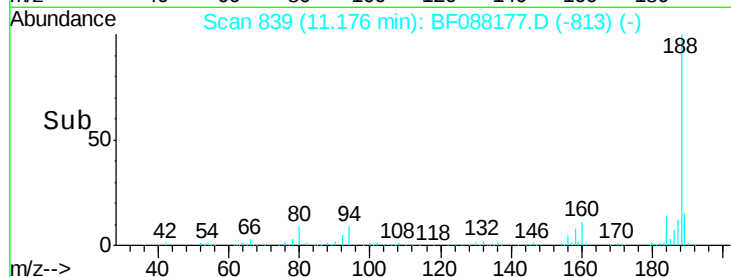
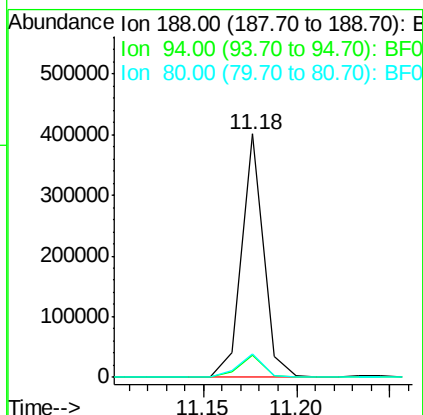
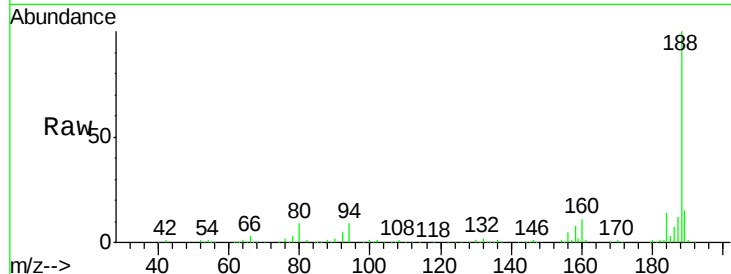




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:58

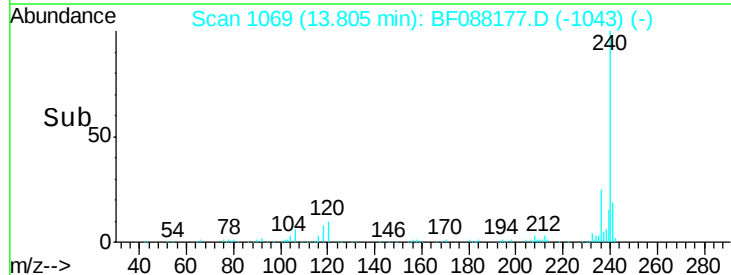
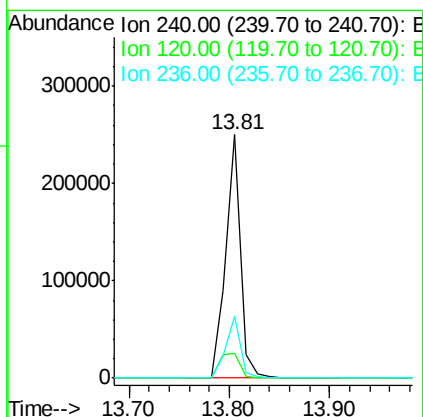
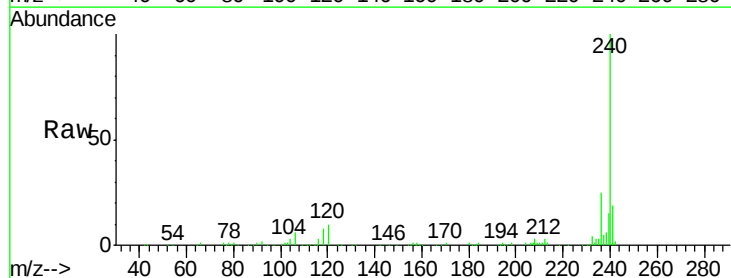
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991

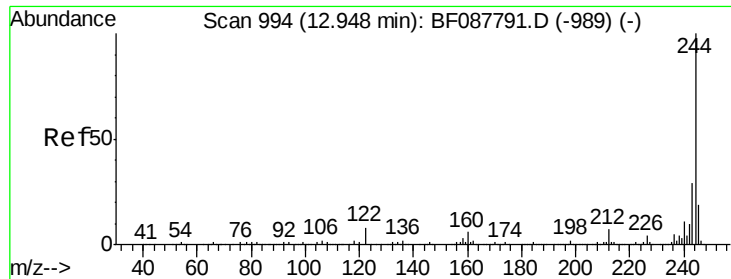
Tot Ion:188 Resp: 330137
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.6
80 9.5 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088177.D
Acq: 20 Jun 2016 17:58

Tgt Ion:240 Resp: 256199
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 25.2 20.2 30.2

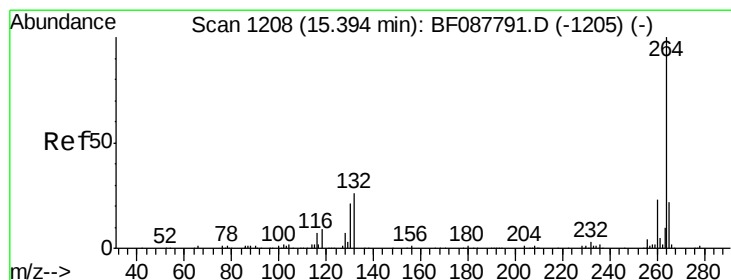
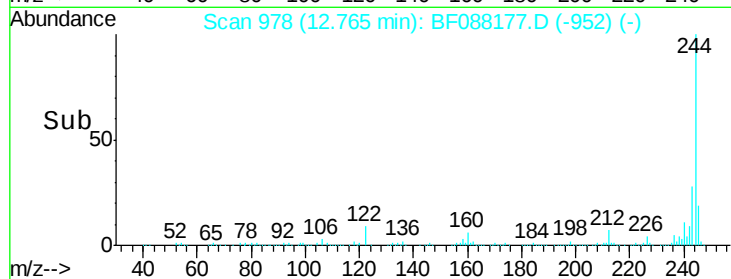
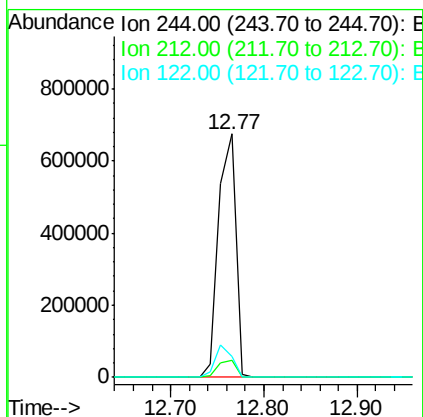
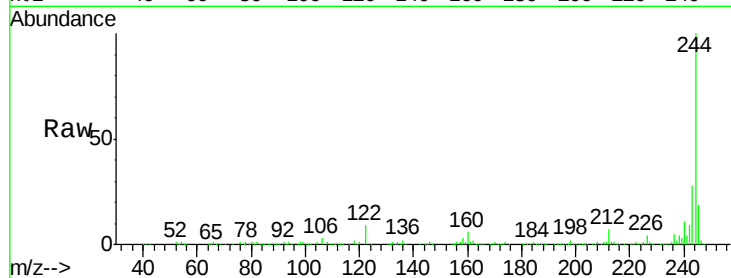




#78
 Terphenyl-d14
 Concen: 76.86 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991

Tot Ion:244 Resp: 865337
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088177.D
 Acq: 20 Jun 2016 17:58

Tgt Ion:264 Resp: 190235
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 16.9 25.3

