

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088193.D
 Acq On : 21 Jun 2016 2:13
 Operator : UM/SJ
 Sample : PB91495BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Quant Time: Jun 21 04:15:07 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	75478	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	315549	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	142149	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	282188	20.00	ng	0.00
75) Chrysene-d12	13.81	240	214045	20.00	ng	0.00
86) Perylene-d12	15.18	264	167702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	572846	129.75	ng	0.01
7) Phenol-d6	6.32	99	660314	123.41	ng	-0.01
23) Nitrobenzene-d5	7.23	82	412119	76.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	169528	112.95	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	789116	87.36	ng	-0.01
78) Terphenyl-d14	12.77	244	853350	90.72	ng	0.00

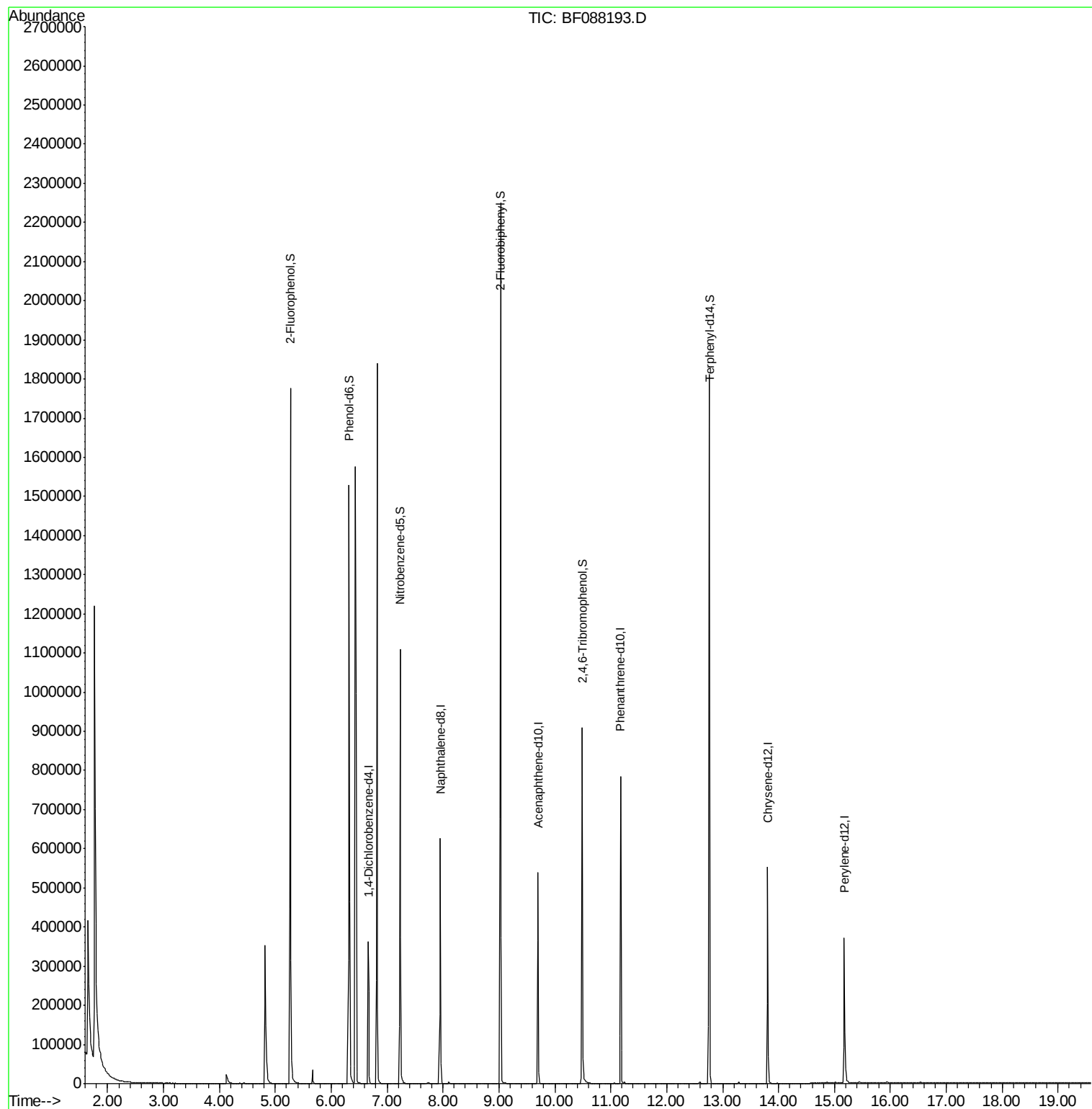
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088193.D
Acq On : 21 Jun 2016 2:13
Operator : UM/SJ
Sample : PB91495BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91495BL

Quant Time: Jun 21 04:15:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

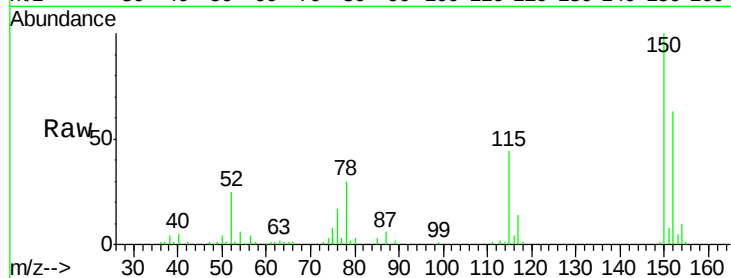
Tot Ion:152 Resp: 75478

Ion Ratio Lower Upper

152 100

150 159.6 123.8 185.6

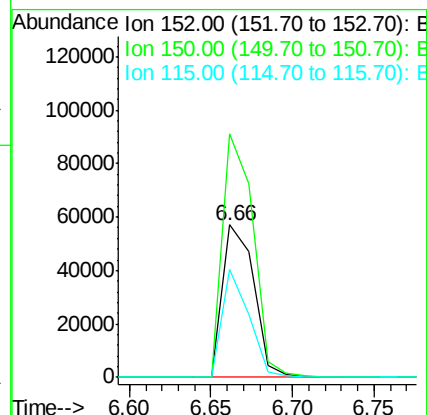
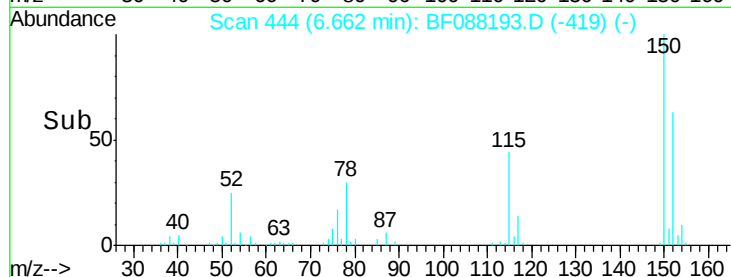
115 70.4 39.6 59.4#



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: 129.75 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

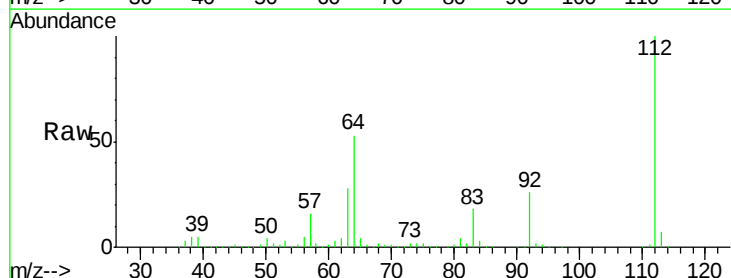
Tgt Ion:112 Resp: 572846

Ion Ratio Lower Upper

112 100

64 53.4 42.2 63.2

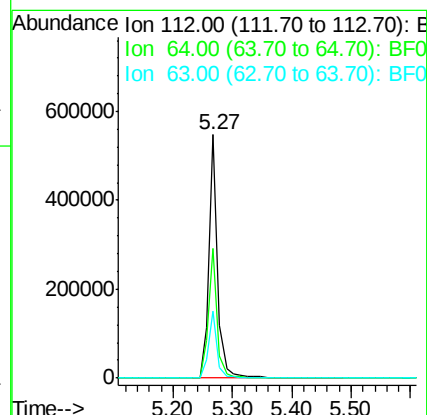
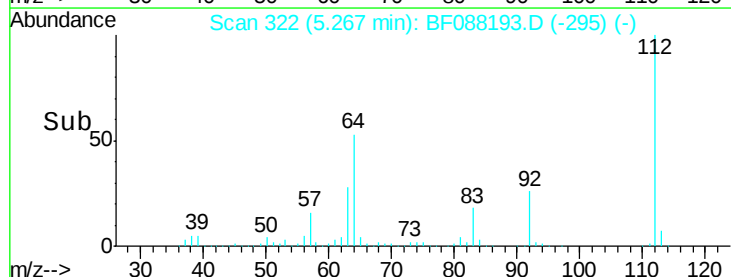
63 27.7 21.8 32.8



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: 123.41 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

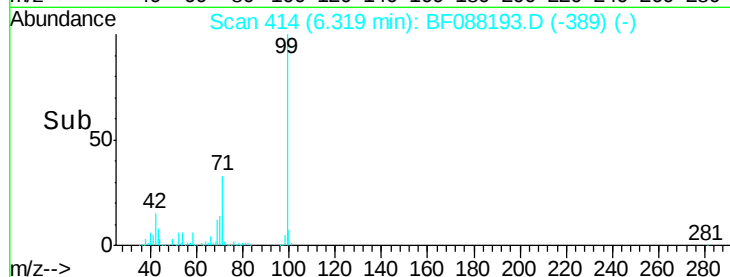
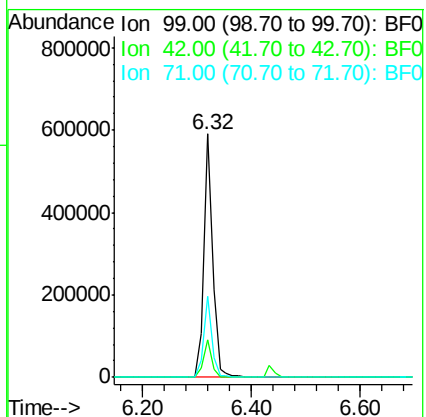
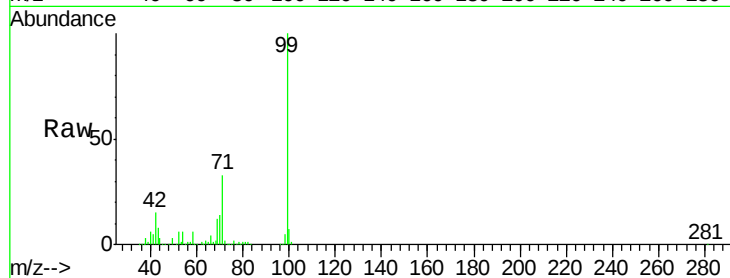
Tot Ion: 99 Resp: 660314

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.4 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: BF088193.D

Acq: 21 Jun 2016 2:13

Tgt Ion: 136 Resp: 315549

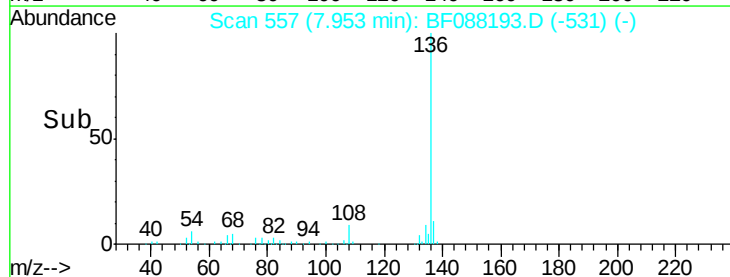
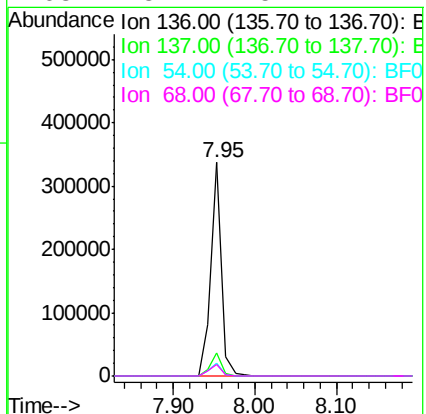
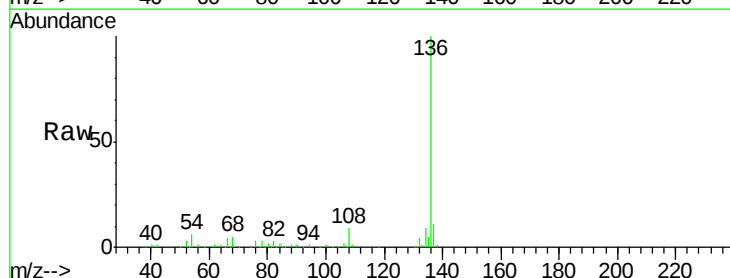
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.1 5.1 7.7#

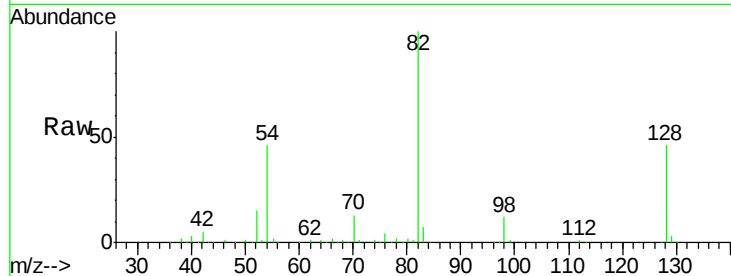




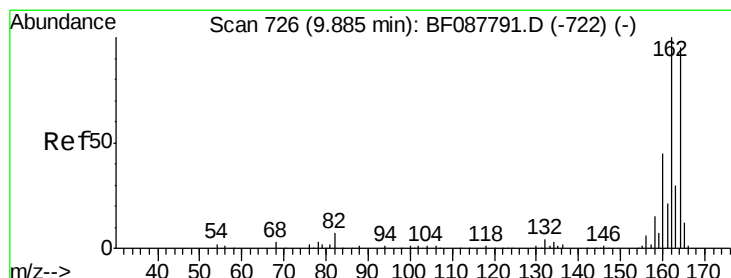
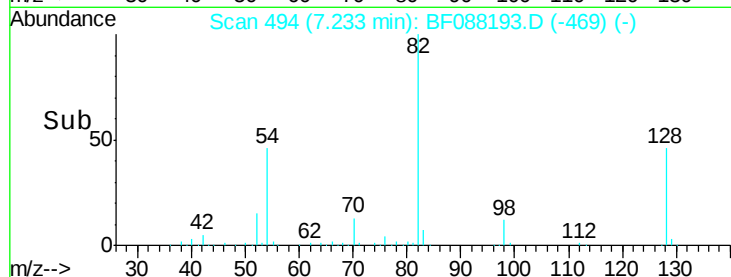
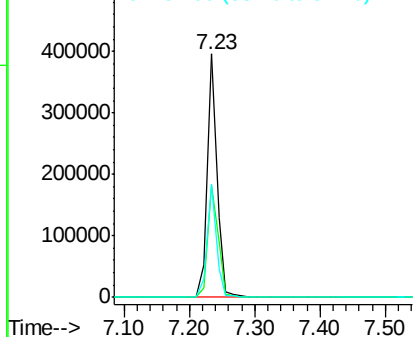
#23
 Nitrobenzene-d5
 Concen: 76.26 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Tot Ion: 82 Resp: 412119
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 46.3 40.9 61.3

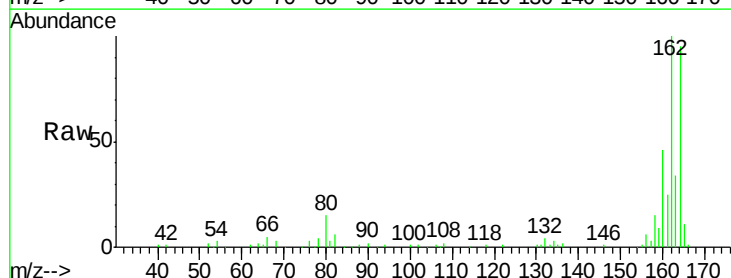


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

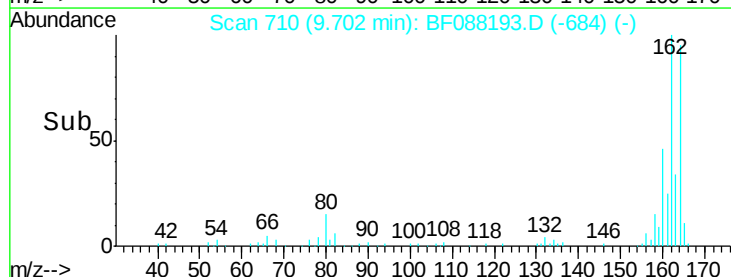
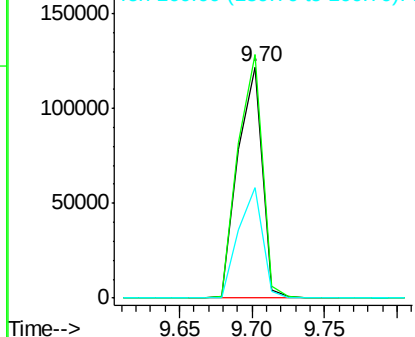


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Tgt Ion:164 Resp: 142149
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.4 128.2
 160 48.0 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

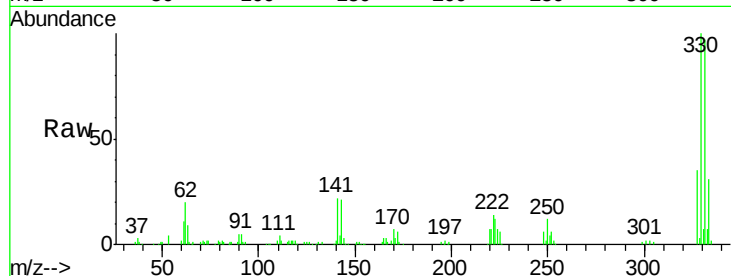




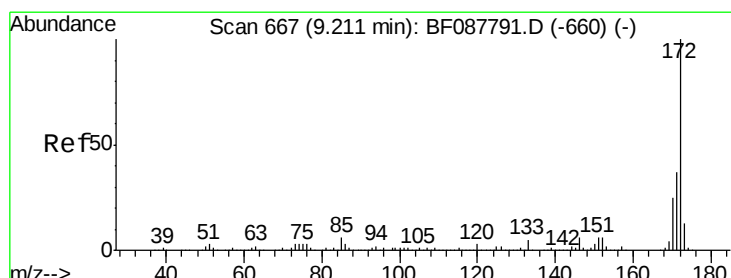
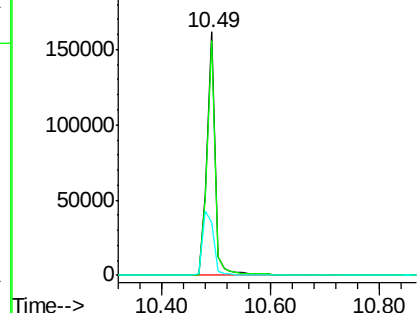
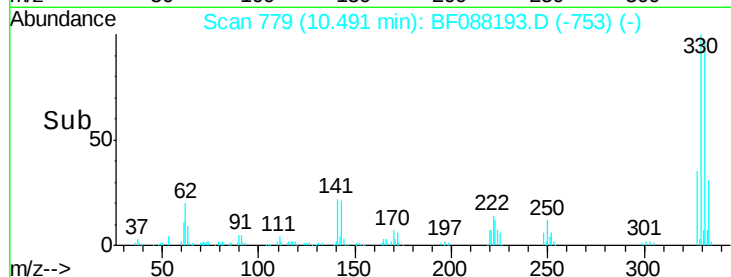
#41
 2,4,6-Tribromophenol
 Concen: 112.95 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.9	0.0	0.0#

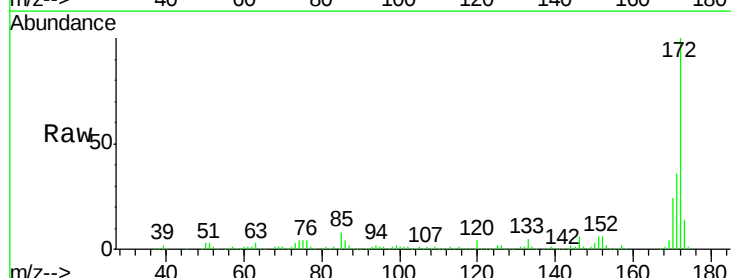


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

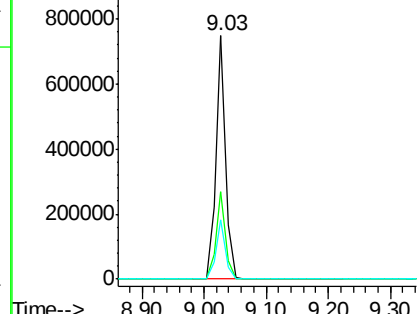
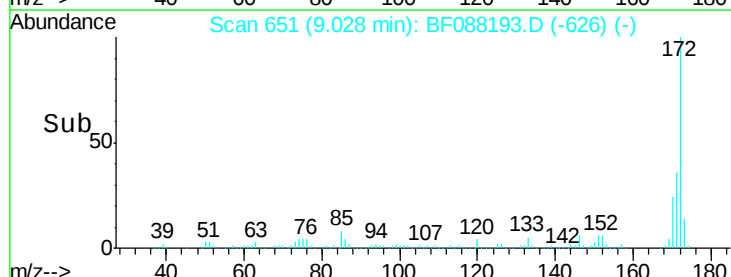


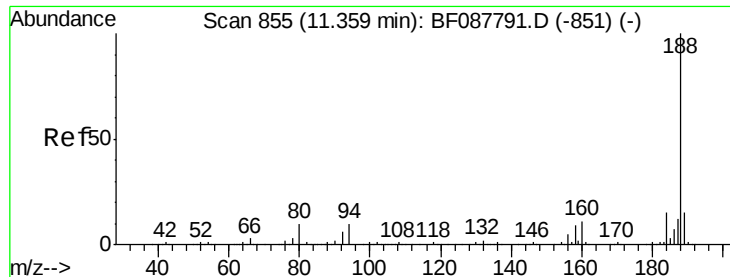
#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

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

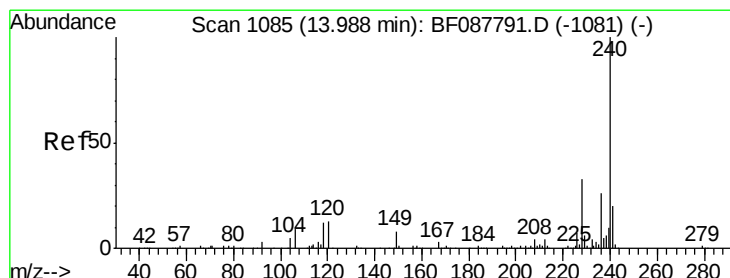
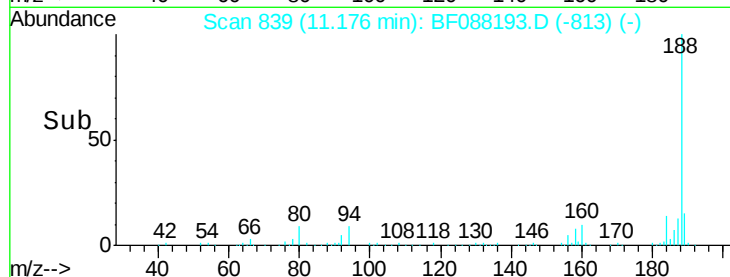
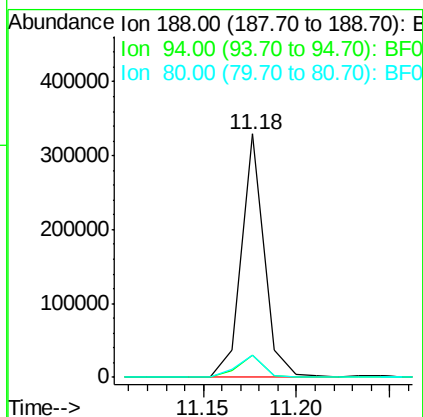
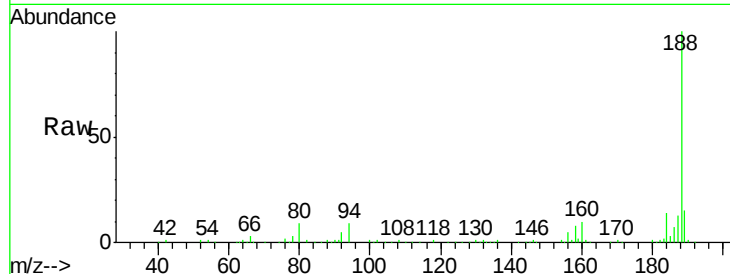




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

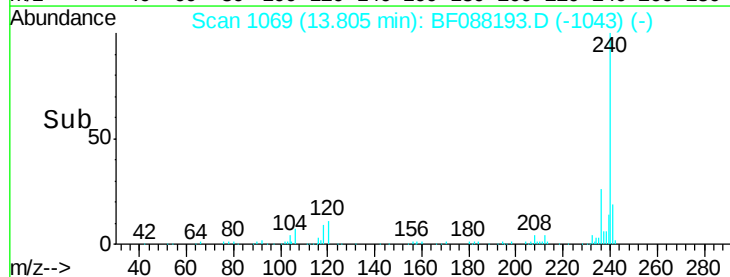
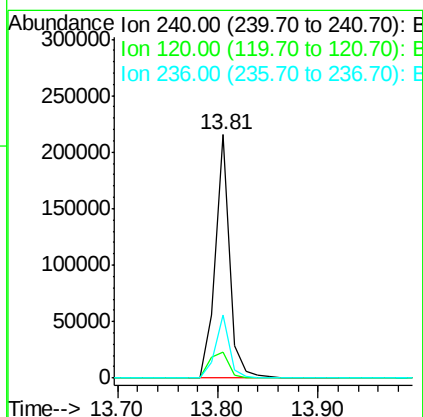
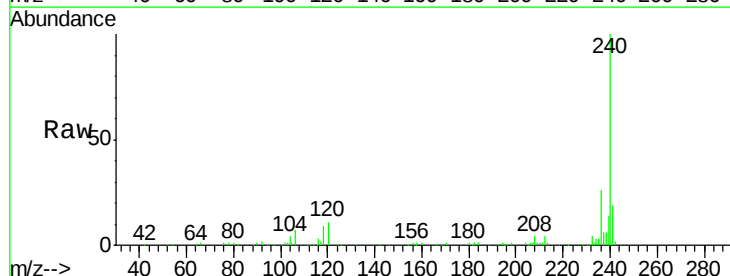
Instrument :
BNA_F
ClientSampleId :
PB91495BL

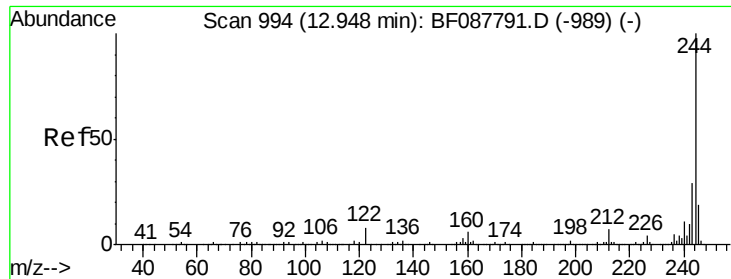
Tot Ion:188 Resp: 282188
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.6
80 9.1 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Tgt Ion:240 Resp: 214045
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 26.0 20.2 30.2

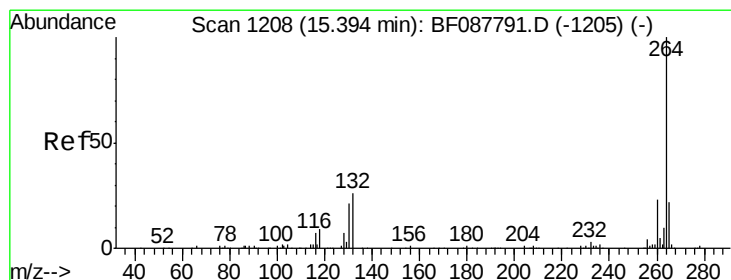
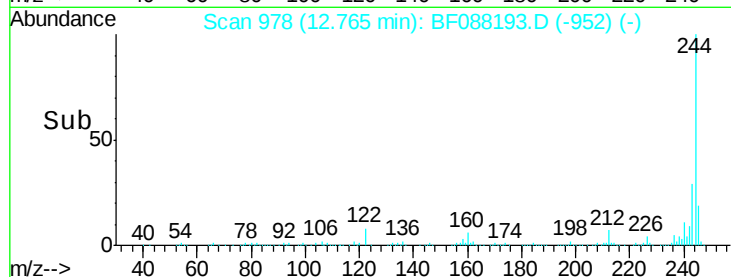
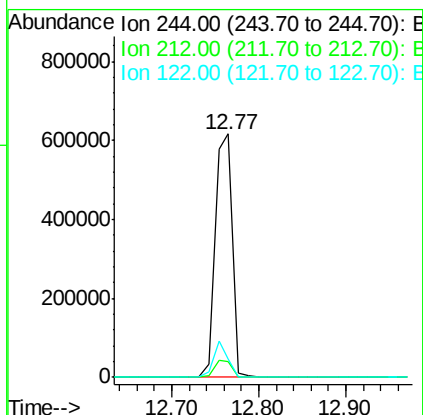
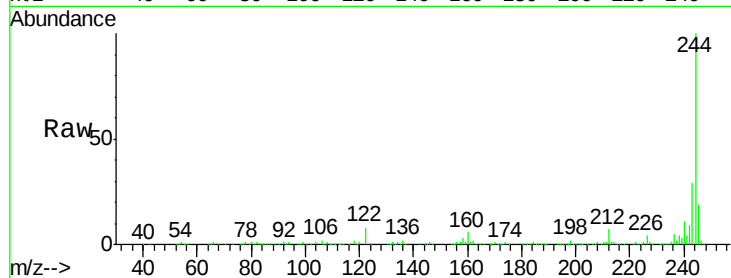




#78
 Terphenyl-d14
 Concen: 90.72 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Tot Ion:244 Resp: 853350
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.7 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: BF088193.D
 Acq: 21 Jun 2016 2:13

Tgt Ion:264 Resp: 167702
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.5 16.9 25.3

