

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088203.D
 Acq On : 21 Jun 2016 7:03
 Operator : UM/SJ
 Sample : H3611-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP6-COMP

Quant Time: Jun 21 08:06:38 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	6.67	152	81291	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	334344	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	155476	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	299709	20.00	ng	0.00
75) Chrysene-d12	13.81	240	228223	20.00	ng	0.00
86) Perylene-d12	15.18	264	176810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	583675	122.75	ng	0.02
7) Phenol-d6	6.32	99	649263	112.66	ng	-0.01
23) Nitrobenzene-d5	7.23	82	438476	76.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	196254	119.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	824522	83.19	ng	-0.01
78) Terphenyl-d14	12.76	244	873608	87.11	ng	0.00

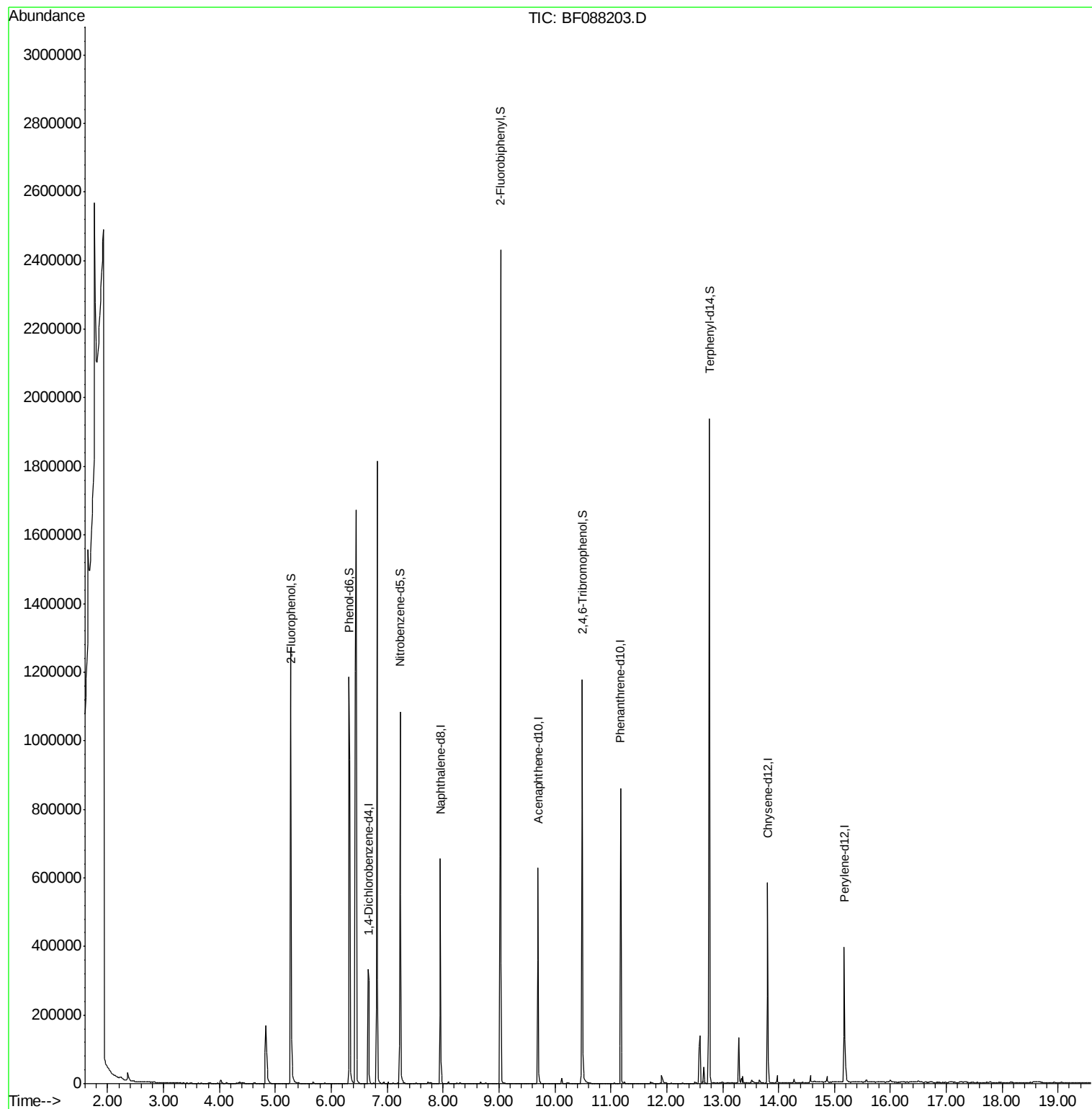
Target Compounds Qvalue

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

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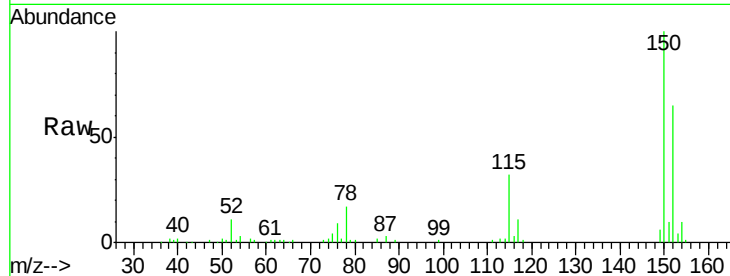




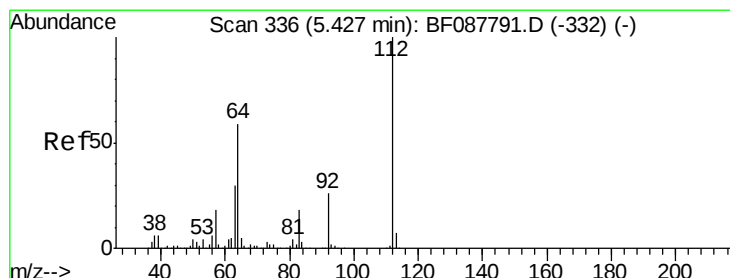
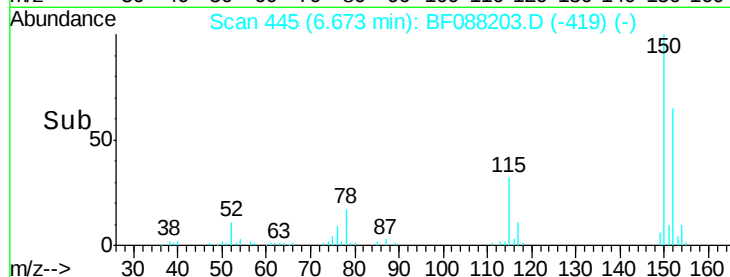
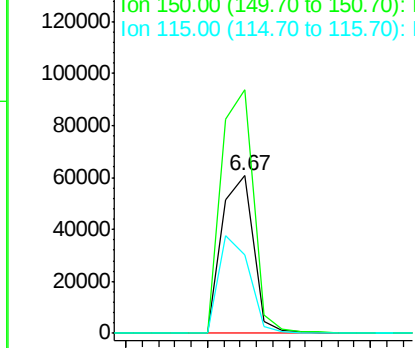
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088203.D
 Acq: 21 Jun 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP6-COMP

Tot Ion:152 Resp: 81291
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.8 185.6
 115 49.6 39.6 59.4

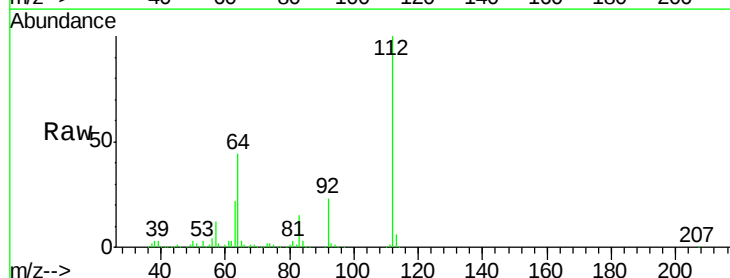


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

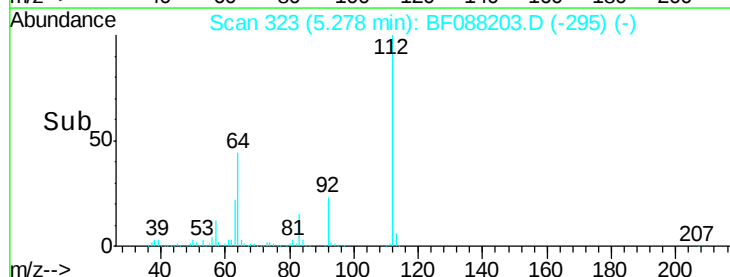
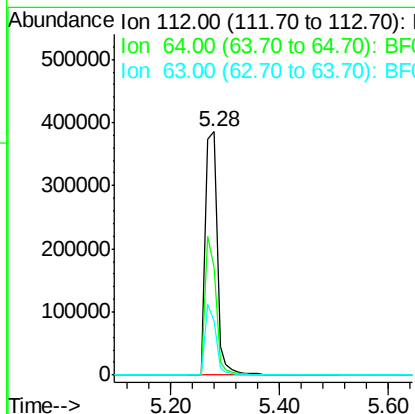


#5
 2-Fluorophenol
 Concen: 122.75 ng
 RT: 5.28 min Scan# 323
 Delta R.T. 0.02 min
 Lab File: BF088203.D
 Acq: 21 Jun 2016 7:03

Tgt Ion:112 Resp: 583675
 Ion Ratio Lower Upper
 112 100
 64 44.2 42.2 63.2
 63 22.1 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: 112.66 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088203.D

Acq: 21 Jun 2016 7:03

Instrument :

BNA_F

ClientSampleId :

PL-UP6-COMP

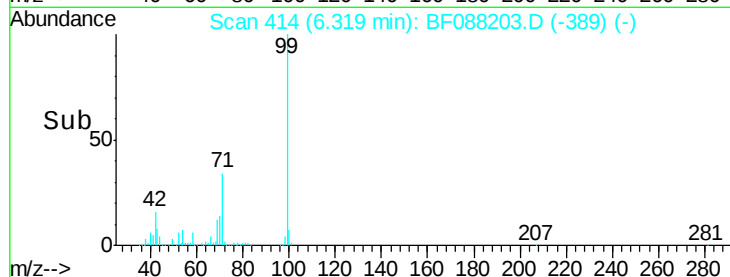
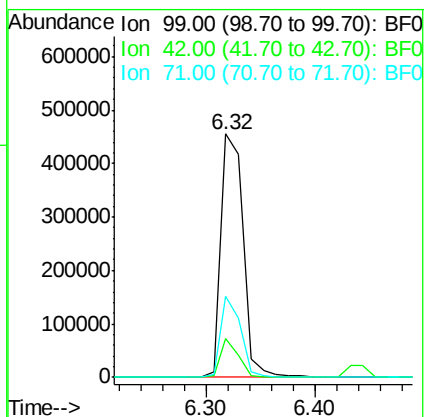
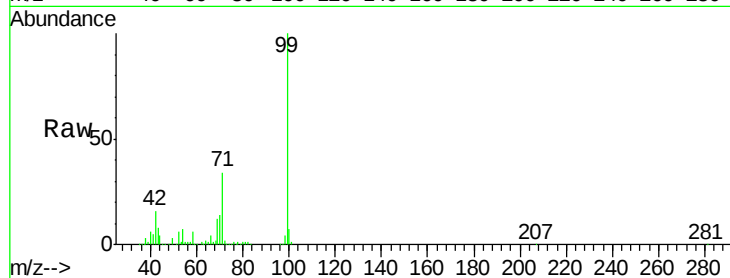
Tot Ion: 99 Resp: 649263

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

71 33.5 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: BF088203.D

Acq: 21 Jun 2016 7:03

Tgt Ion: 136 Resp: 334344

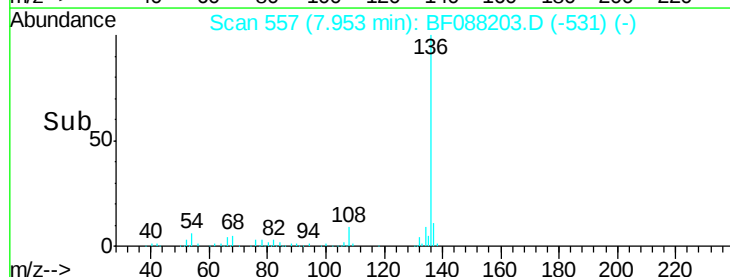
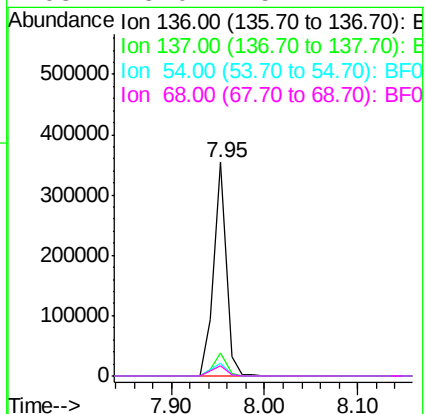
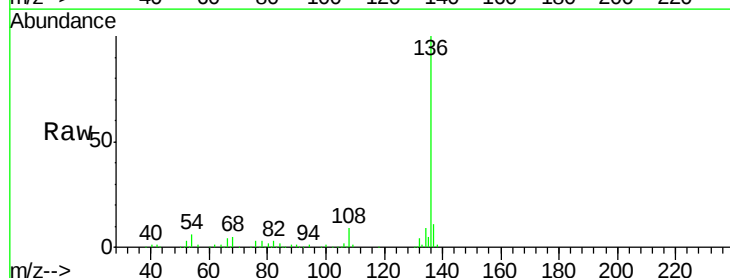
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 76.58 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088203.D

Acq: 21 Jun 2016 7:03

Instrument :

BNA_F

ClientSampleId :

PL-UP6-COMP

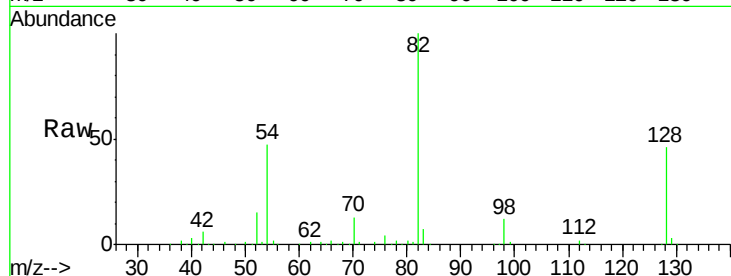
Tot Ion: 82 Resp: 438476

Ion Ratio Lower Upper

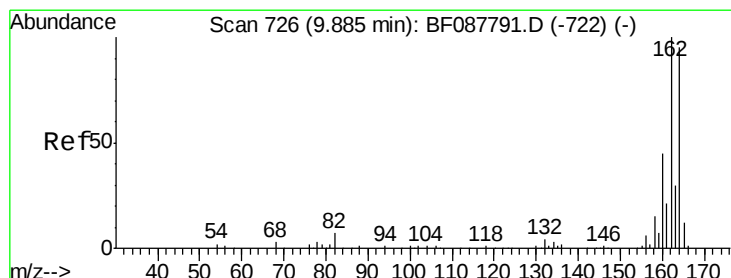
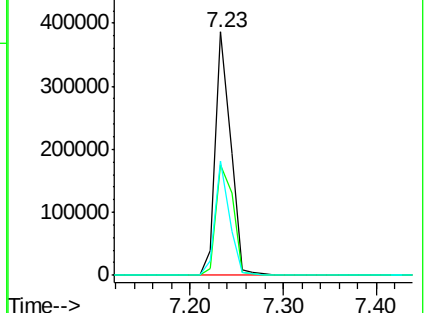
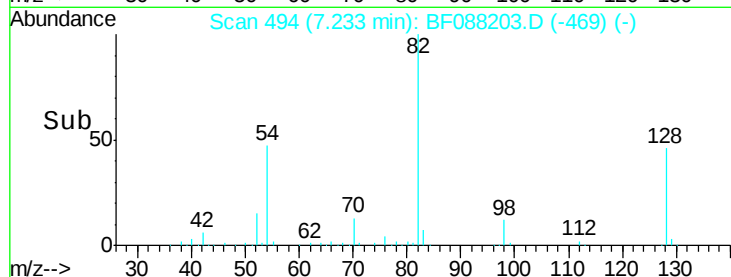
82 100

128 45.6 35.9 53.9

54 47.0 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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088203.D

Acq: 21 Jun 2016 7:03

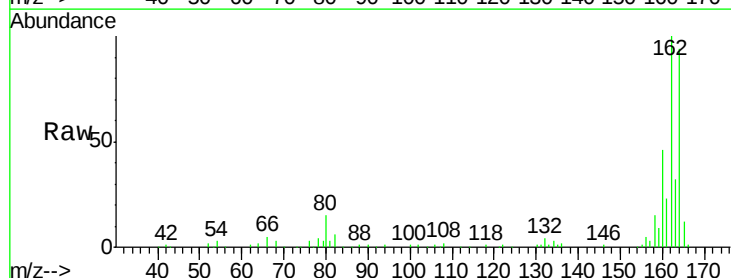
Tgt Ion:164 Resp: 155476

Ion Ratio Lower Upper

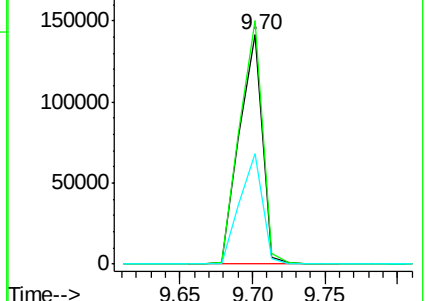
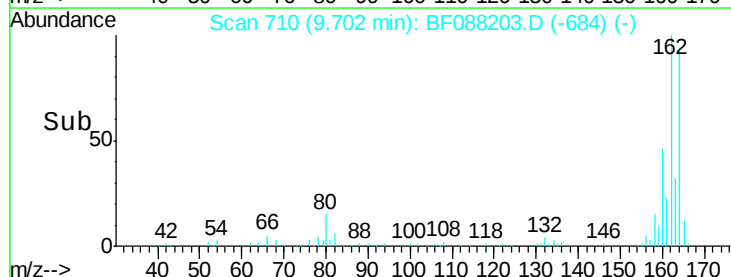
164 100

162 106.3 85.4 128.2

160 48.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

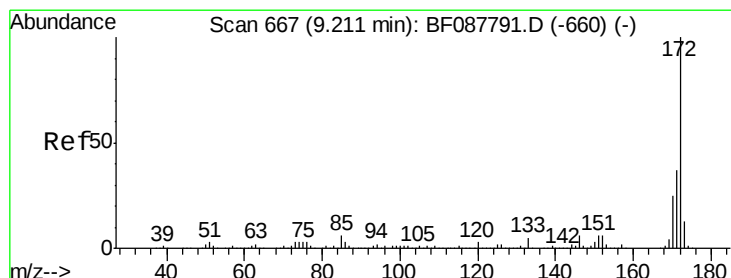
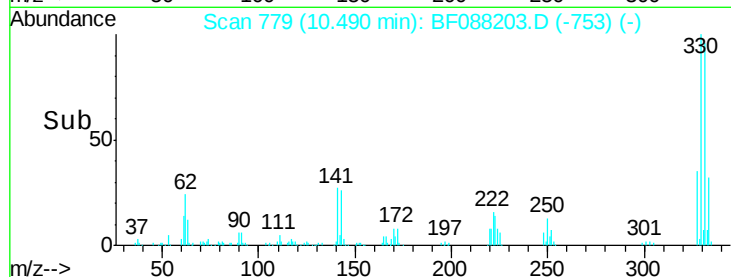
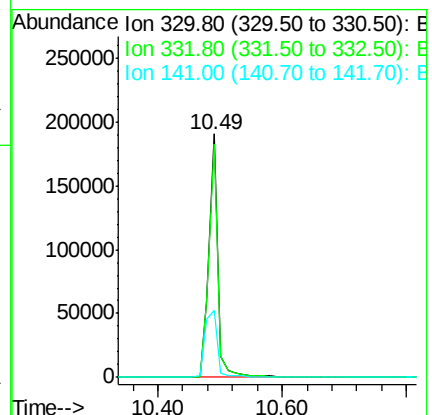
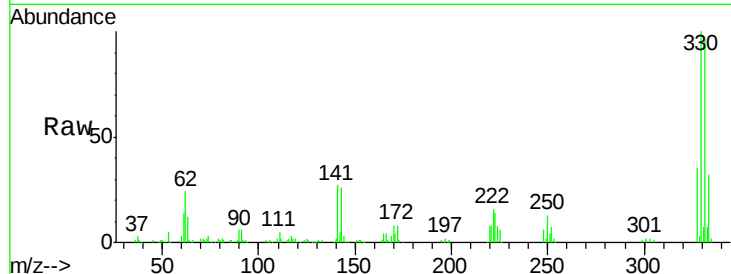




#41
 2,4,6-Tribromophenol
 Concen: 119.55 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088203.D
 Acq: 21 Jun 2016 7:03

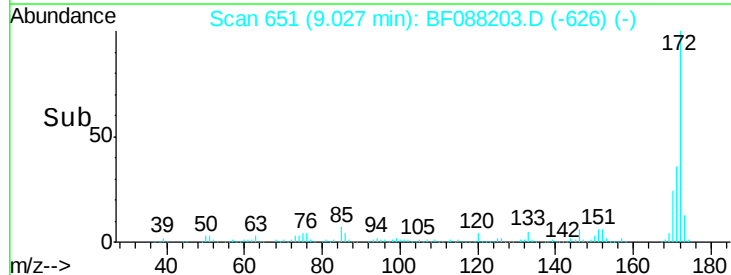
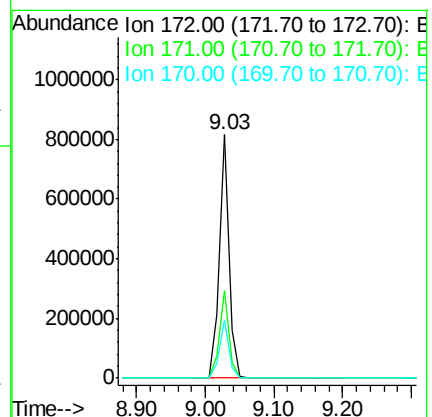
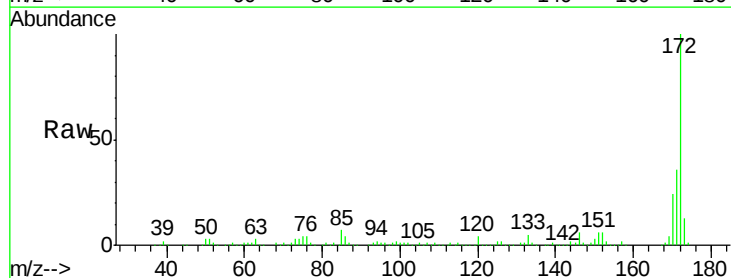
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP6-COMP

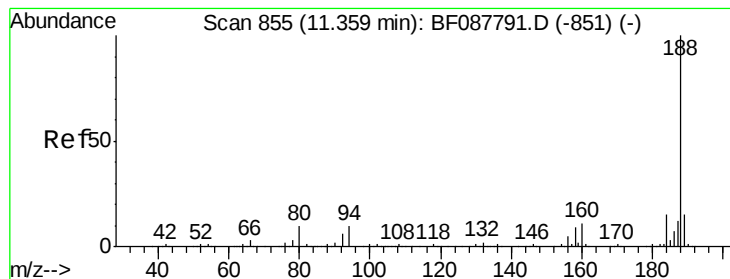
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088203.D
 Acq: 21 Jun 2016 7:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	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: BF088203.D

Acq: 21 Jun 2016 7:03

Instrument :

BNA_F

ClientSampleId :

PL-UP6-COMP

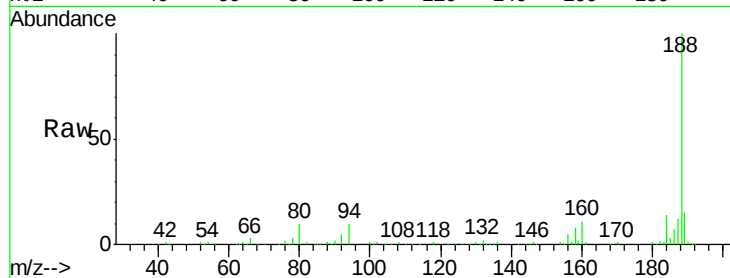
Tot Ion:188 Resp: 299709

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.6

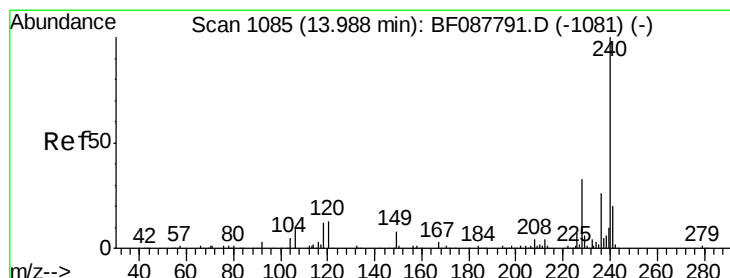
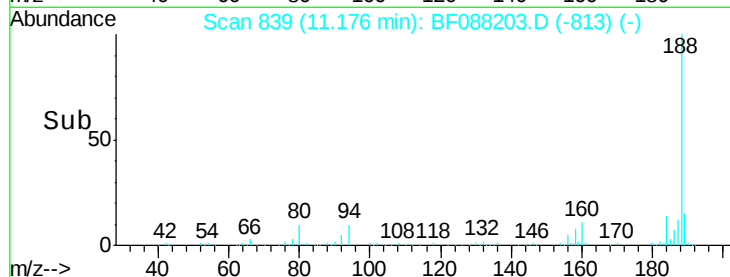
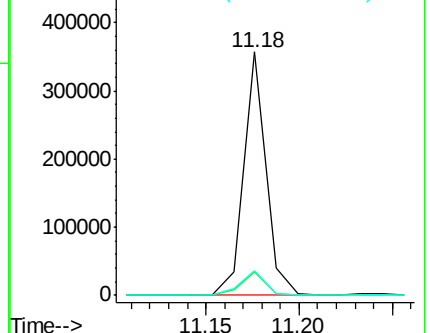
80 10.0 10.0 15.0#



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: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088203.D

Acq: 21 Jun 2016 7:03

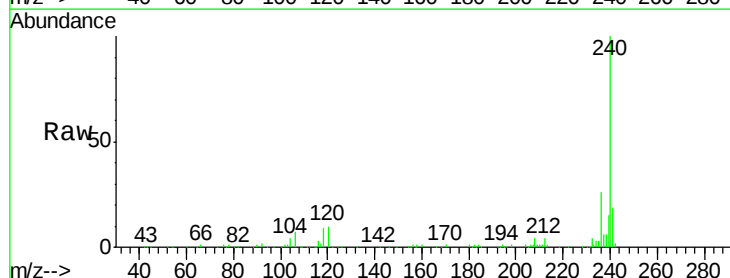
Tgt Ion:240 Resp: 228223

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

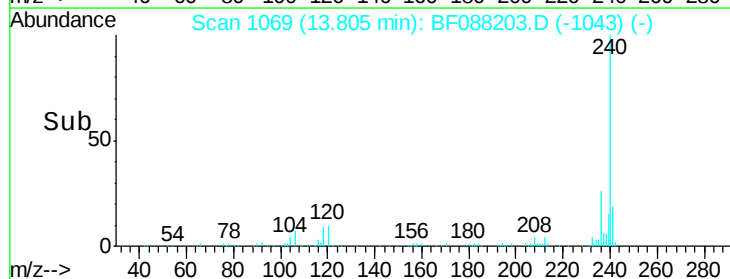
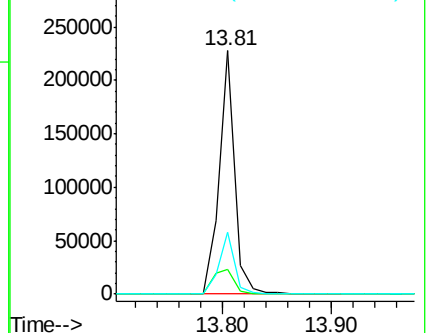
236 25.6 20.2 30.2

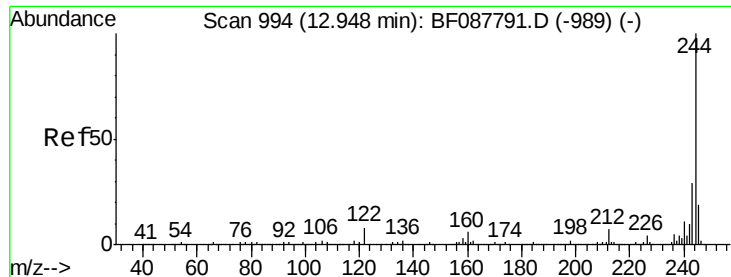


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

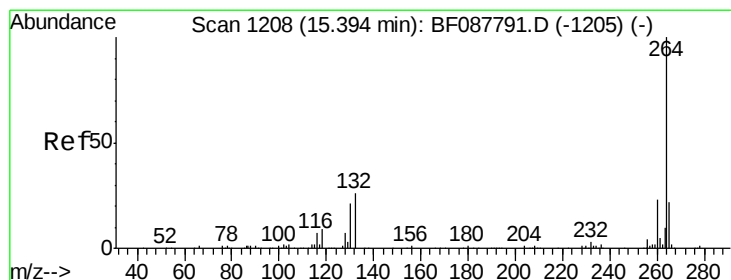
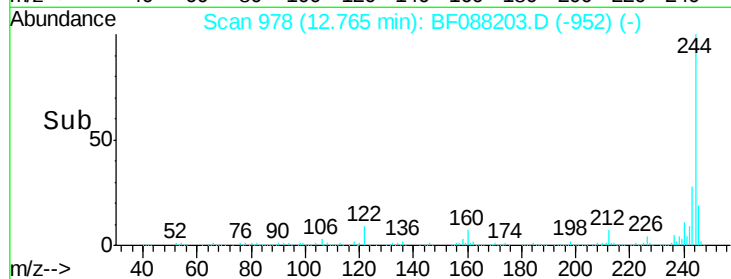
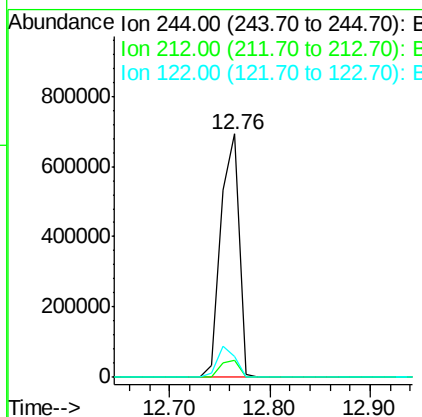
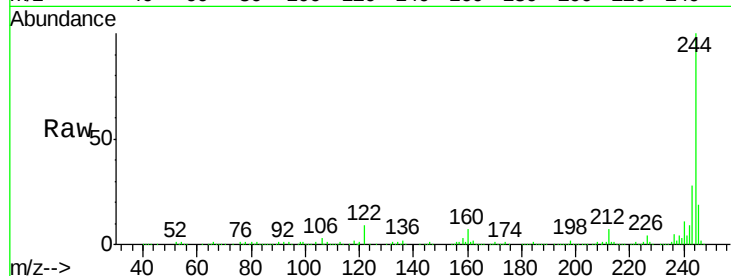




#78
 Terphenyl-d14
 Concen: 87.11 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088203.D
 Acq: 21 Jun 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 873608
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.8 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: BF088203.D
 Acq: 21 Jun 2016 7:03

Tgt Ion:264 Resp: 176810
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 16.9 25.3

