

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088996.D
 Acq On : 14 Jul 2016 20:19
 Operator : UM/SJ
 Sample : H3996-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

Quant Time: Jul 15 03:15:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

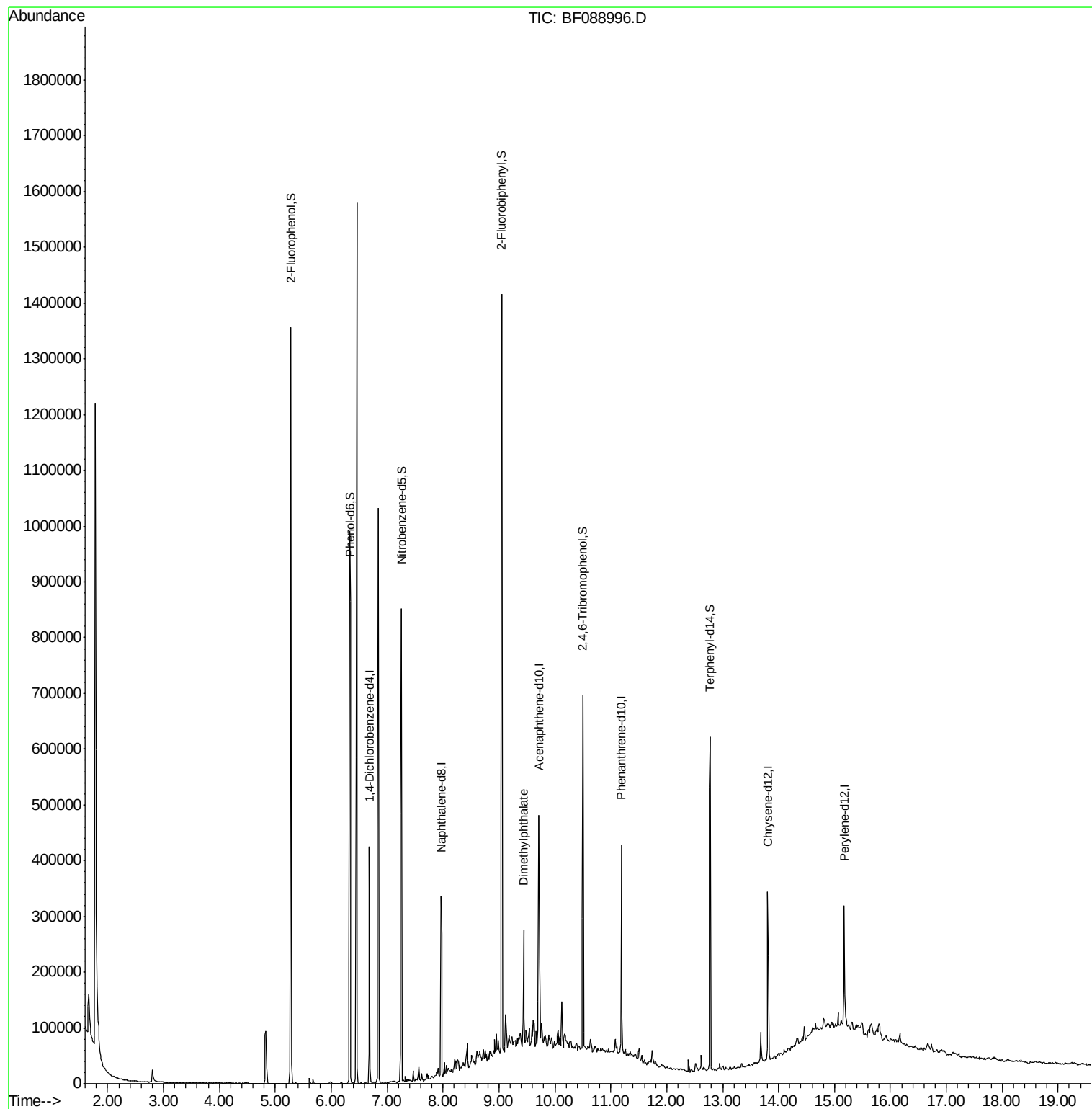
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	56818	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	189236	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	76838	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	122204	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	100831	20.00	ng	-0.05
86) Perylene-d12	15.18	264	81495	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	400380	105.61	ng	-0.01
7) Phenol-d6	6.34	99	523761	106.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	336697	93.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	63313	88.73	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	425486	87.47	ng	-0.02
78) Terphenyl-d14	12.78	244	243245	53.73	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.44	163	74072	13.53	ng	Qvalue 99

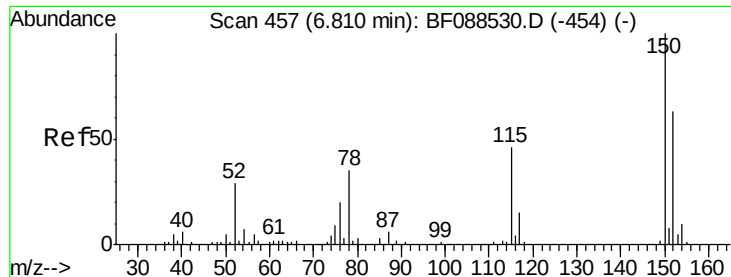
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

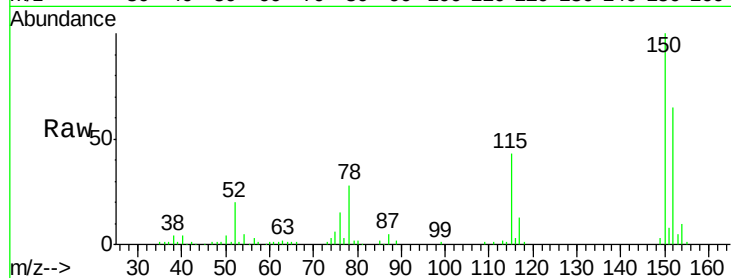
Tot Ion:152 Resp: 56818

Ion Ratio Lower Upper

152 100

150 152.7 123.8 185.6

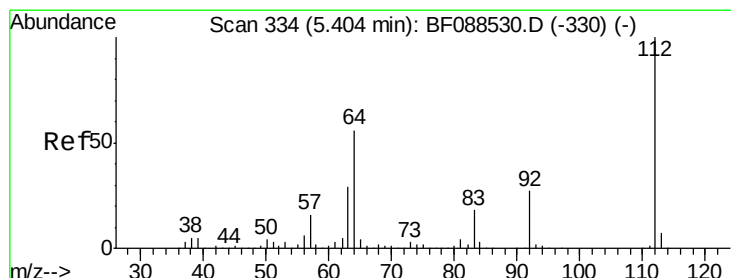
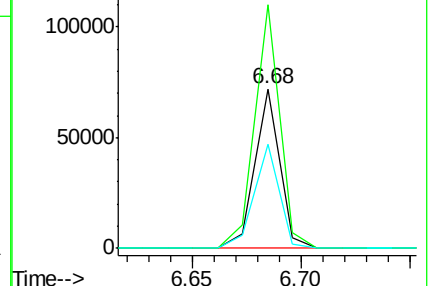
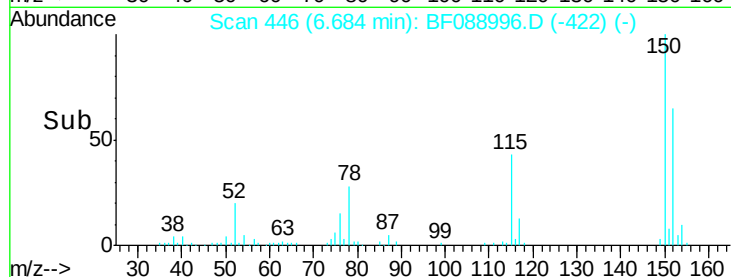
115 65.1 39.6 59.4#



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: 105.61 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

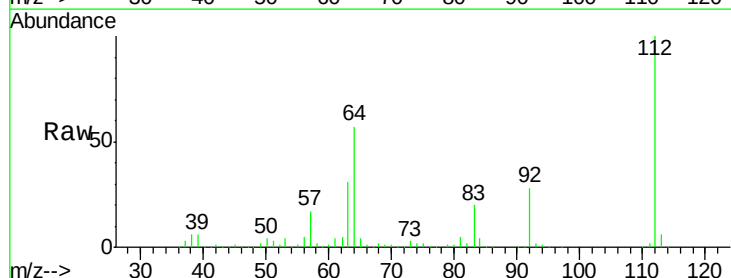
Tgt Ion:112 Resp: 400380

Ion Ratio Lower Upper

112 100

64 56.5 42.2 63.2

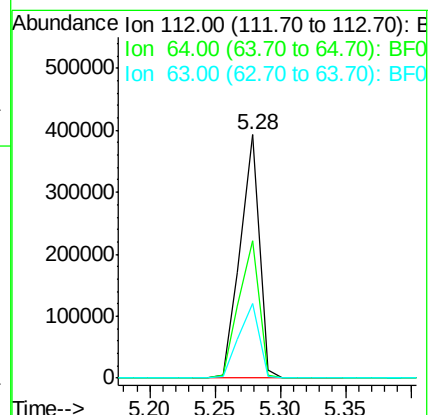
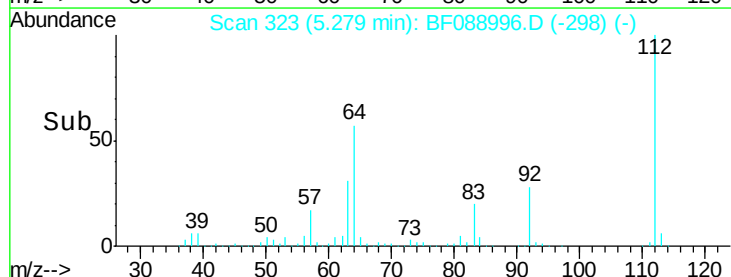
63 30.6 21.8 32.8

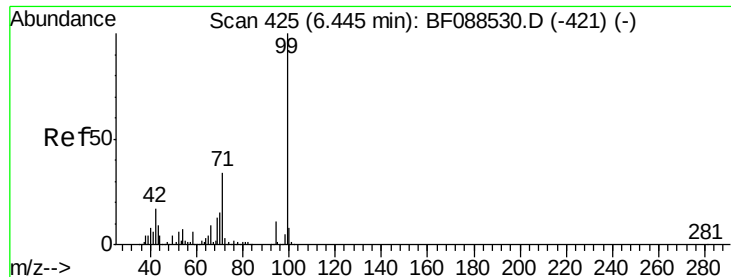


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.92 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

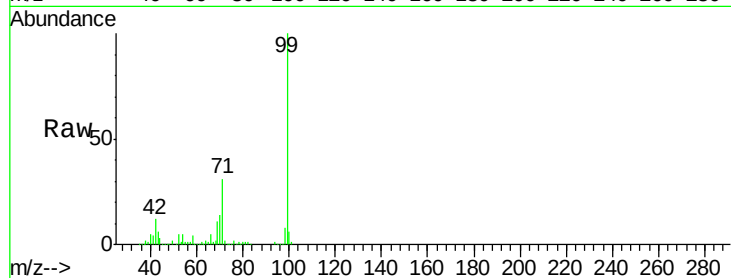
Tot Ion: 99 Resp: 523761

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

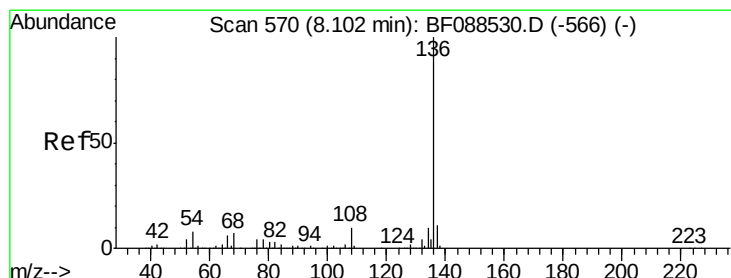
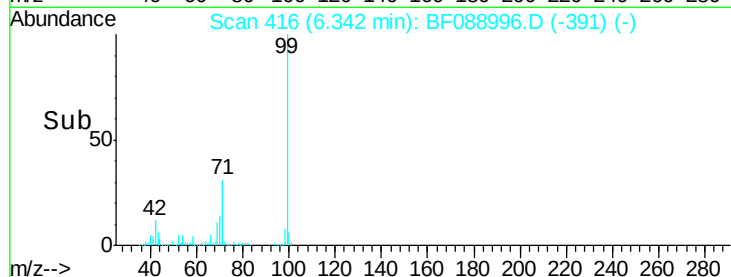
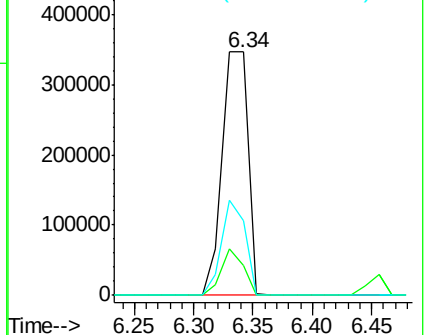
71 30.8 23.4 35.0



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: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Tgt Ion: 136 Resp: 189236

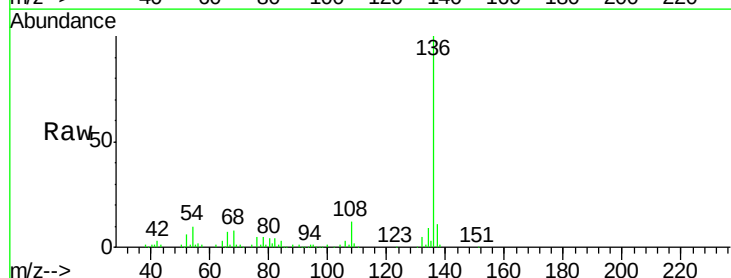
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.2 6.6 10.0#

68 7.7 5.1 7.7

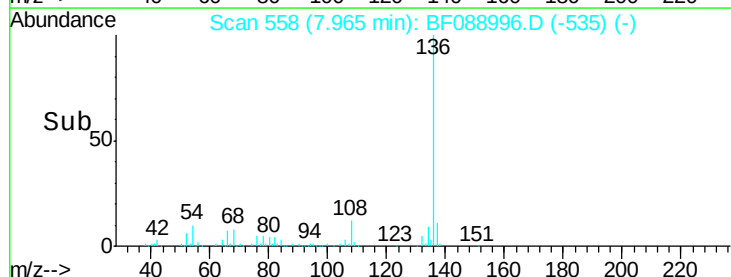
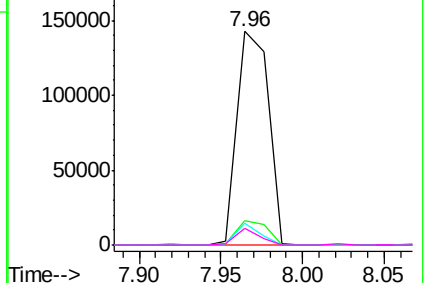


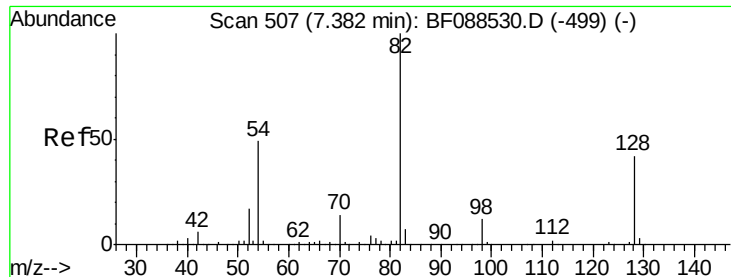
Abundance Ion 136.00 (135.70 to 136.70): E

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

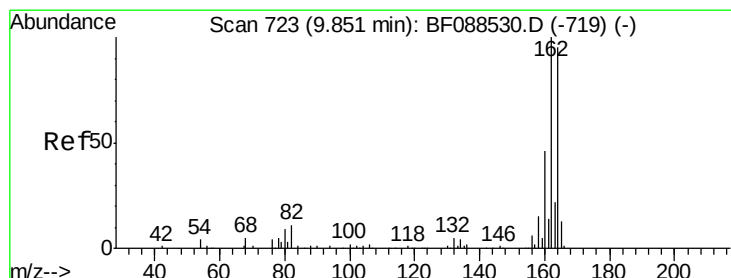
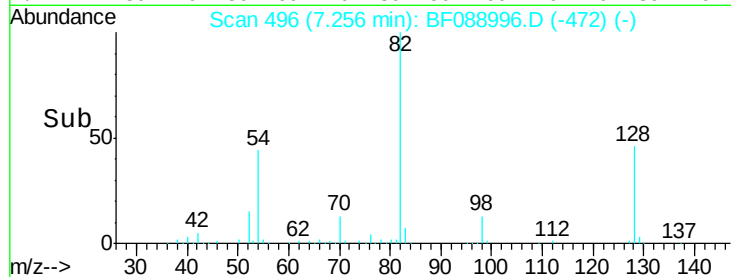
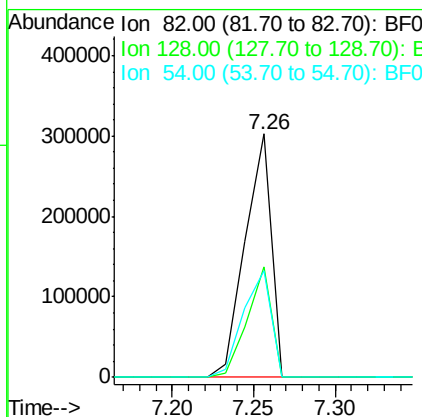
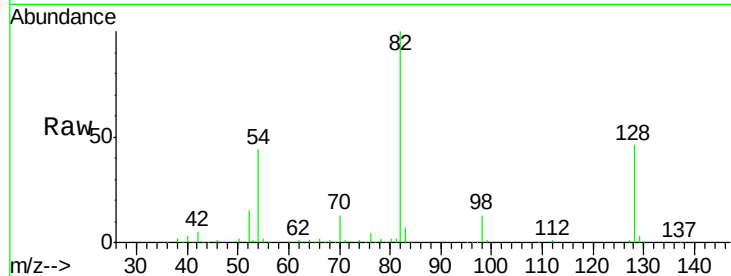




#23
 Nitrobenzene-d5
 Concen: 93.24 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

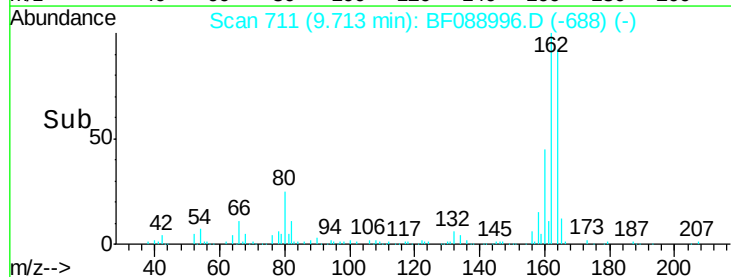
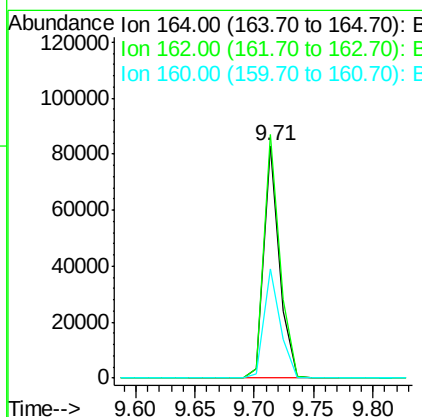
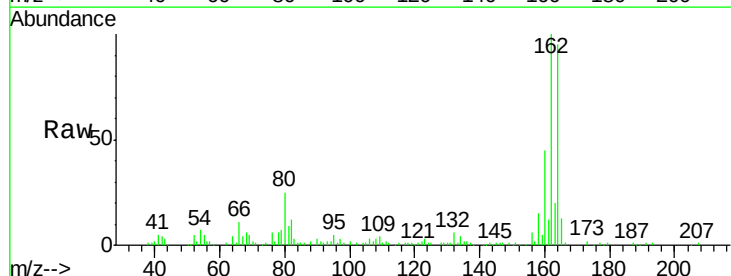
Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

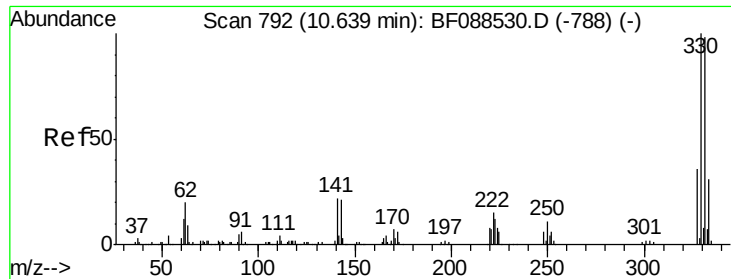
Tot Ion	82	Resp	336697
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.9	53.9
54	43.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Tgt Ion	164	Resp	76838
Ion Ratio	Lower	Upper	
164	100		
162	104.8	85.4	128.2
160	46.8	39.5	59.3

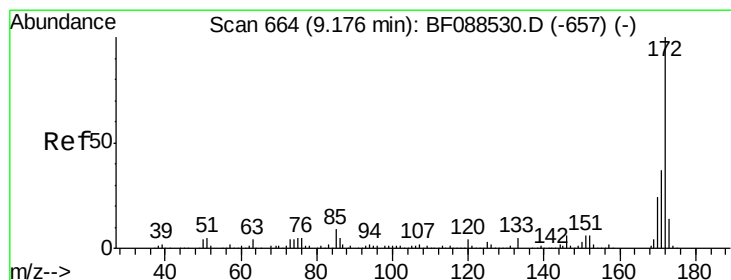
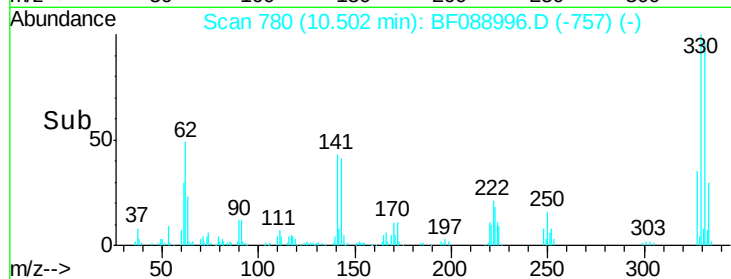
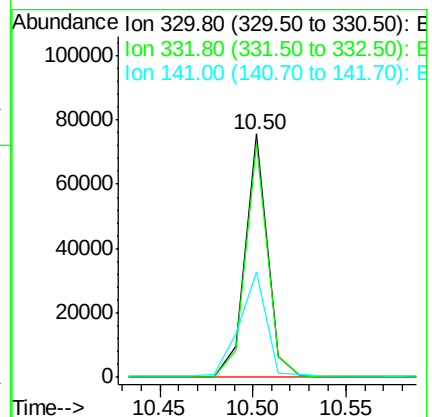
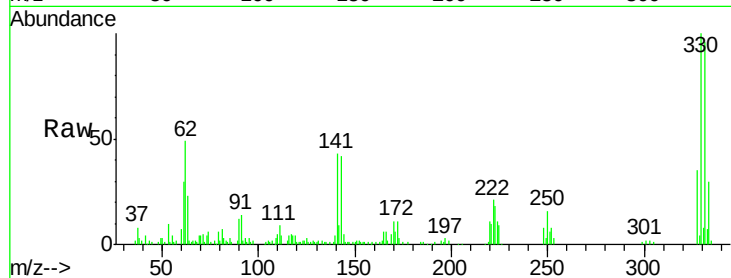




#41
 2,4,6-Tribromophenol
 Concen: 88.73 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

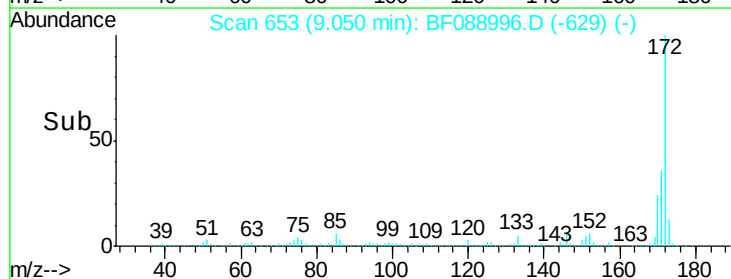
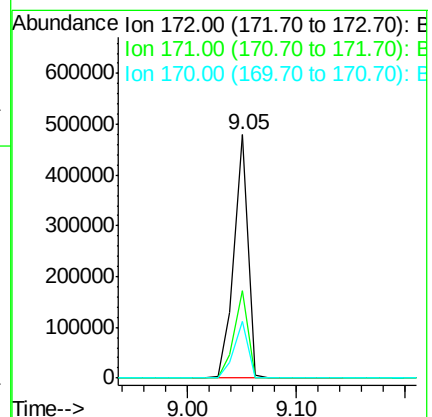
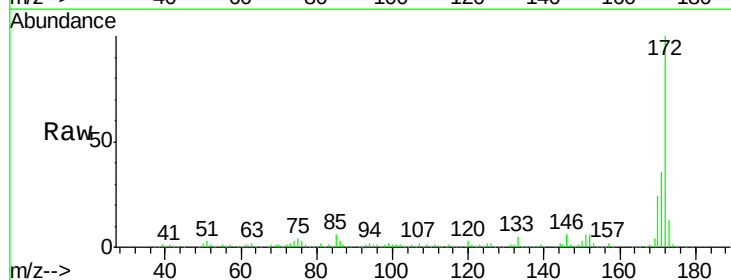
Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

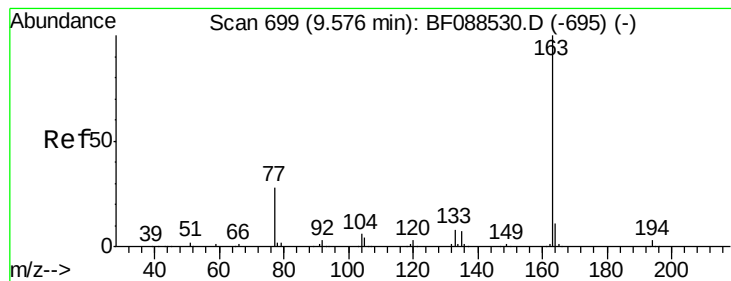
Tot Ion:330 Resp: 63313
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 51.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.47 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Tgt Ion:172 Resp: 425486
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.5 19.2 28.8





#49

Dimethylphthalate

Concen: 13.53 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

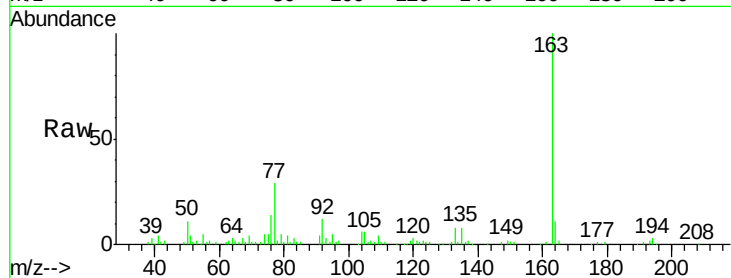
Tot Ion:163 Resp: 74072

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

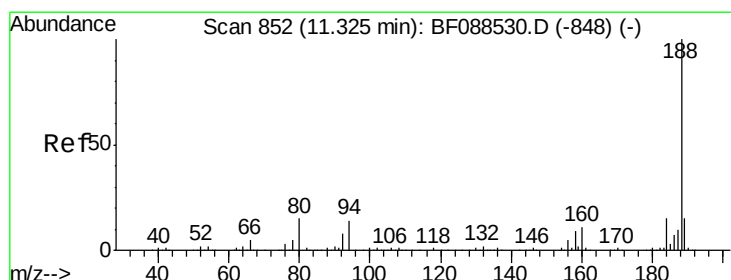
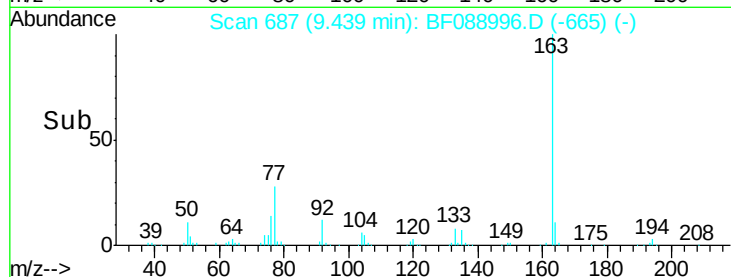
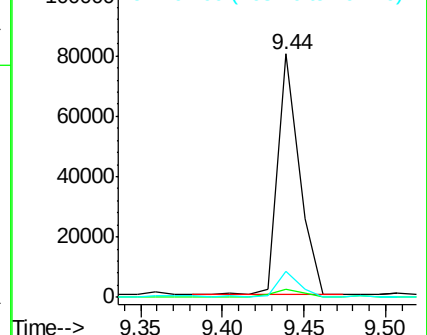
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

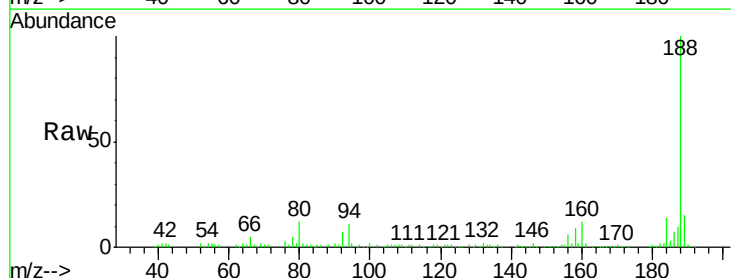
Tgt Ion:188 Resp: 122204

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.6

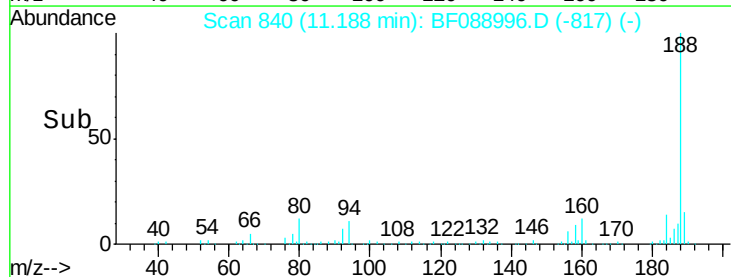
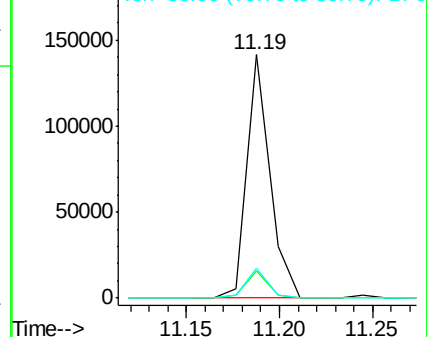
80 12.5 10.0 15.0

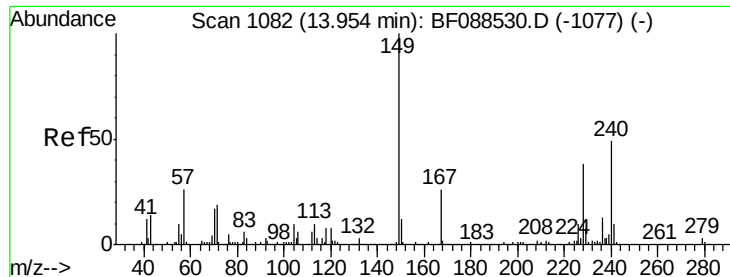


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.05 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

Instrument :

BNA_F

ClientSampleId :

U2-B1(0-11)C

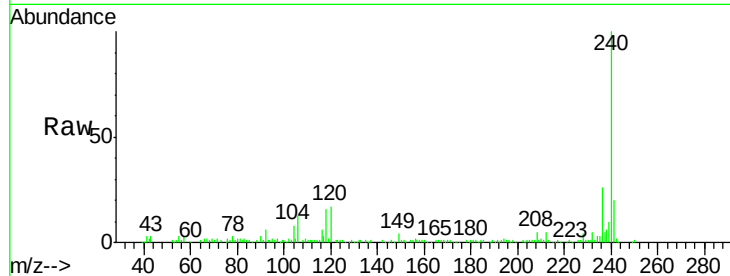
Tot Ion:240 Resp: 100831

Ion Ratio Lower Upper

240 100

120 16.8 6.8 10.2#

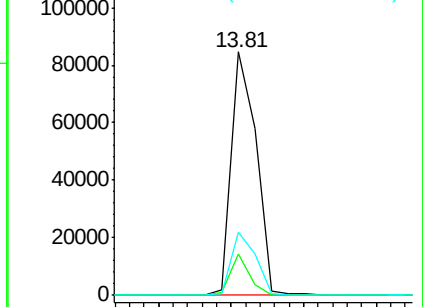
236 25.7 20.2 30.2



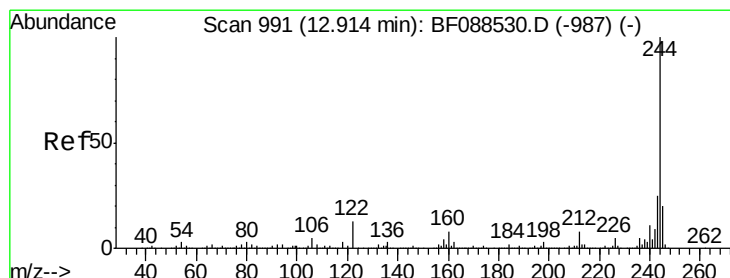
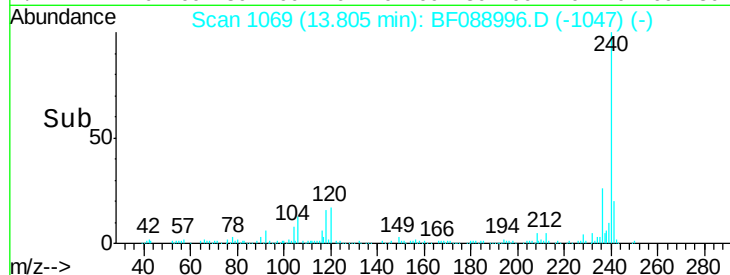
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 53.73 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF088996.D

Acq: 14 Jul 2016 20:19

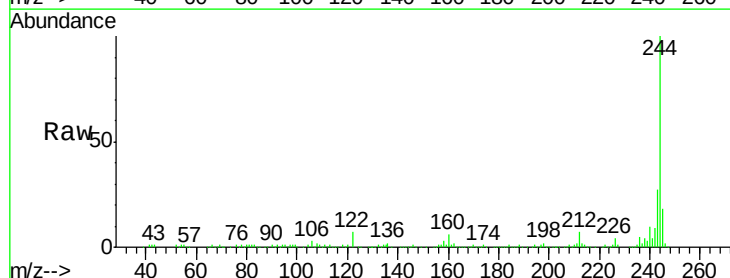
Tgt Ion:244 Resp: 243245

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

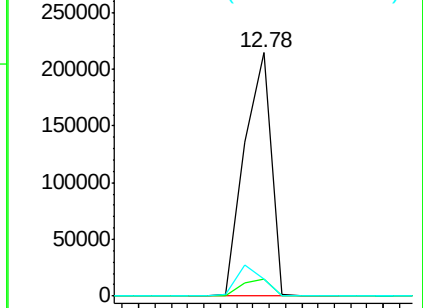
122 6.8 11.2 16.8#



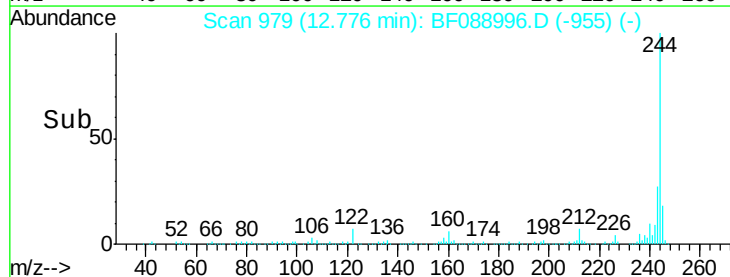
Abundance Ion 244.00 (243.70 to 244.70): E

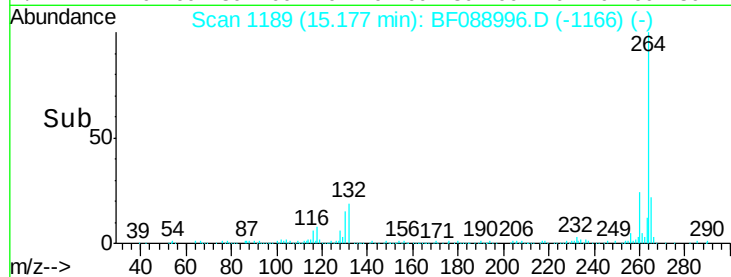
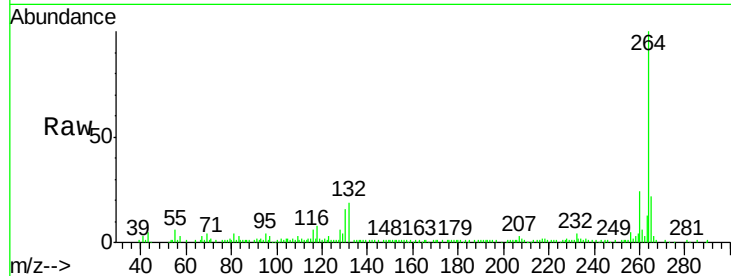
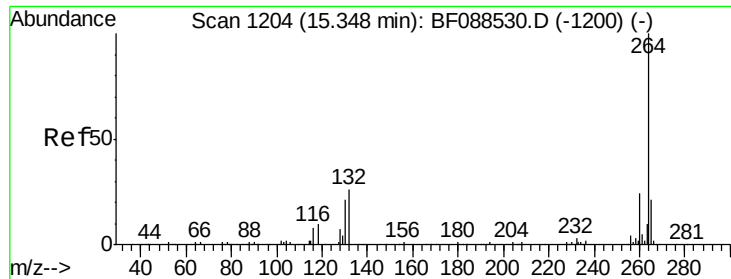
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088996.D
 Acq: 14 Jul 2016 20:19

Instrument :
 BNA_F
 ClientSampleId :
 U2-B1(0-11)C

Tot Ion:	264	Resp:	81495
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	16.9	25.3

