

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083916.D
 Acq On : 18 Dec 2015 16:45
 Operator : UM/SJ
 Sample : PB87351BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Quant Time: Dec 19 04:16:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

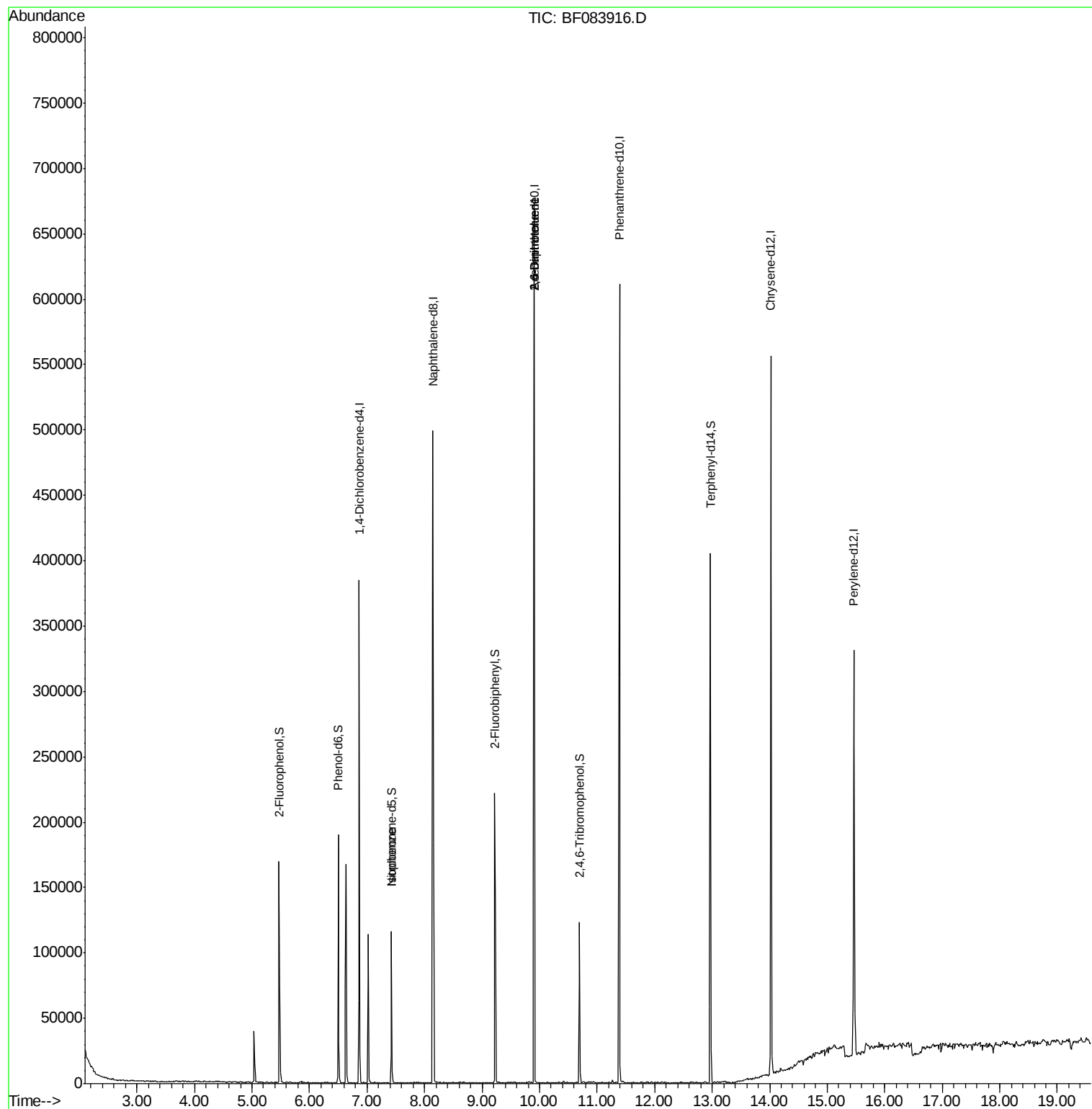
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57132	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	246410	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	131116	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	262358	20.00	ng	0.00
75) Chrysene-d12	14.02	240	245334	20.00	ng	-0.01
86) Perylene-d12	15.46	264	162480	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	54285	14.87	ng	-0.01
7) Phenol-d6	6.50	99	62670	14.02	ng	-0.01
23) Nitrobenzene-d5	7.42	82	37369	8.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	19975	13.83	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	91450	7.92	ng	-0.02
78) Terphenyl-d14	12.97	244	116177	5.18	ng	-0.01
Target Compounds						
25) Isophorone	7.42	82	31678	3.90	ng	# 66
50) 2,6-Dinitrotoluene	9.90	165	16832	7.01	ng	# 35
56) 2,4-Dinitrotoluene	9.90	165	16832	5.47	ng	# 20
57) Fluorene	10.69	166	919	Below Cal	#	79
77) Pyrene	12.97	202	325	Below Cal	#	57

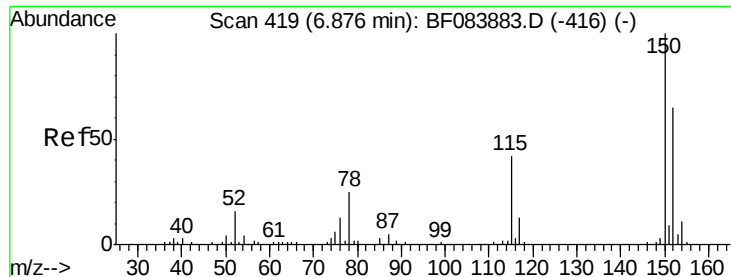
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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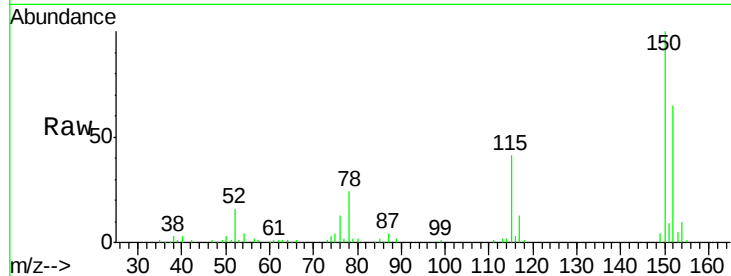




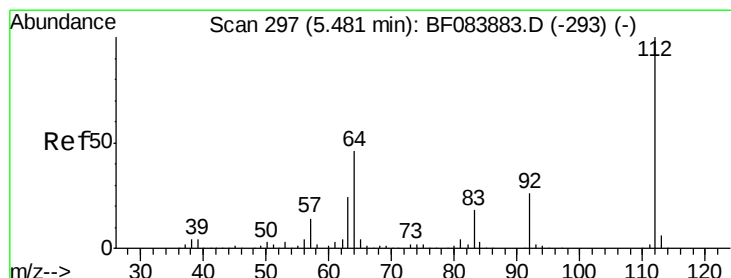
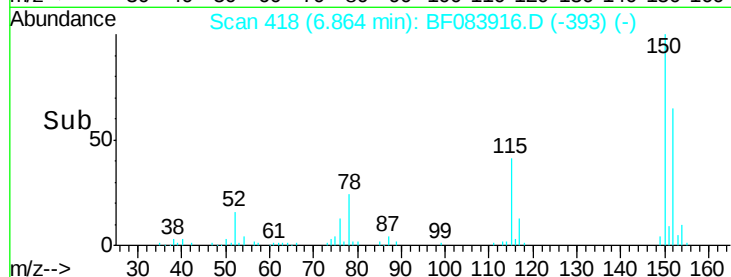
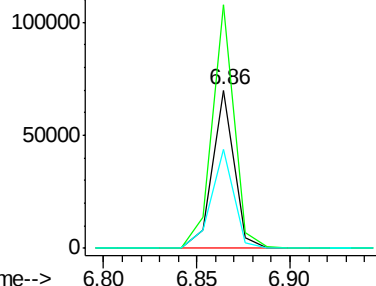
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tgt Ion:152 Resp: 57132
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.0 184.4
 115 63.0 51.4 77.2

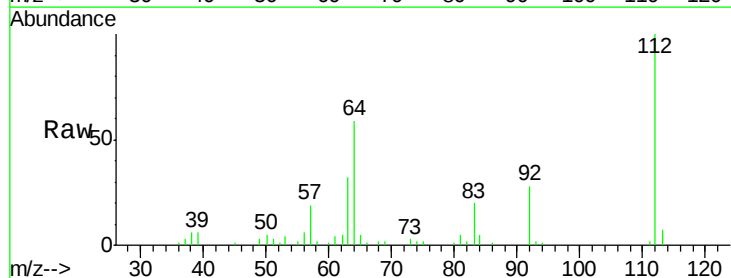


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

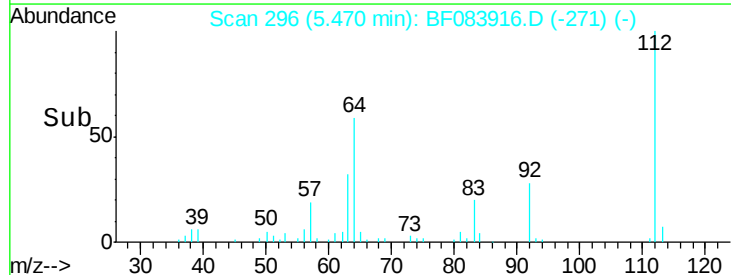
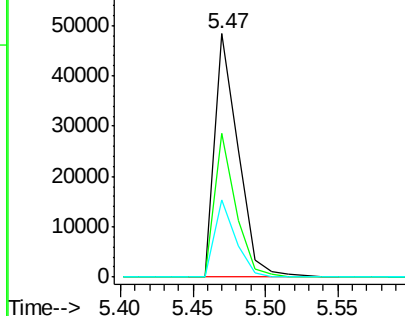


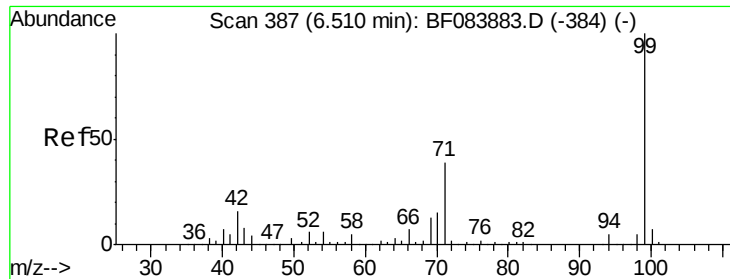
#5
 2-Fluorophenol
 Concen: 14.87 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion:112 Resp: 54285
 Ion Ratio Lower Upper
 112 100
 64 59.2 36.6 55.0#
 63 31.6 19.4 29.0#



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: 14.02 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

Instrument :

BNA_F

ClientSampleId :

PB87351BL

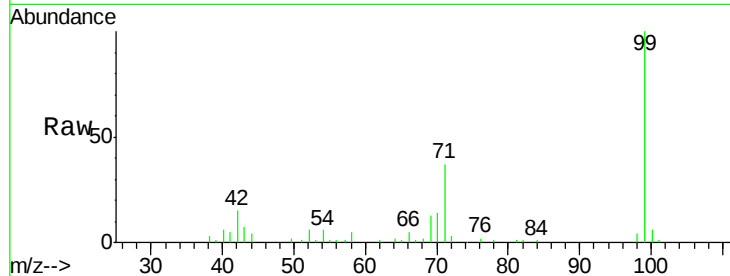
Tgt Ion: 99 Resp: 62670

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

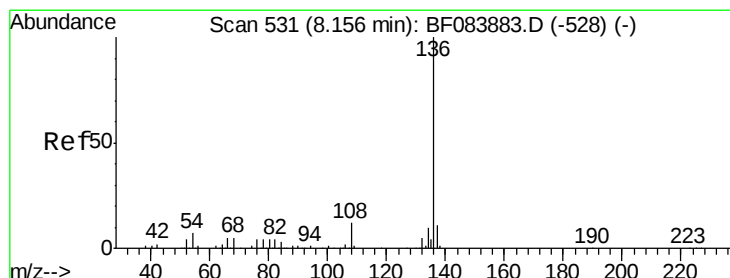
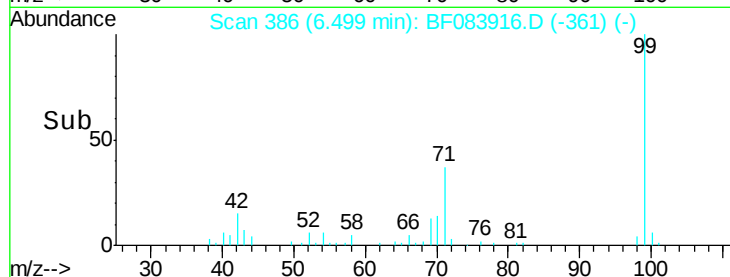
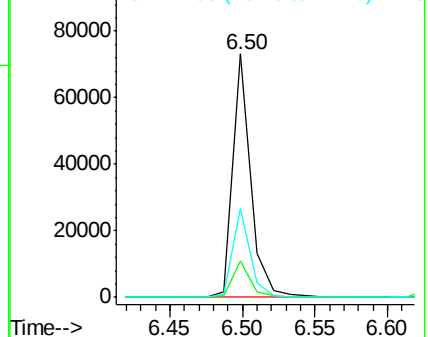
71 36.6 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

Tgt Ion: 136 Resp: 246410

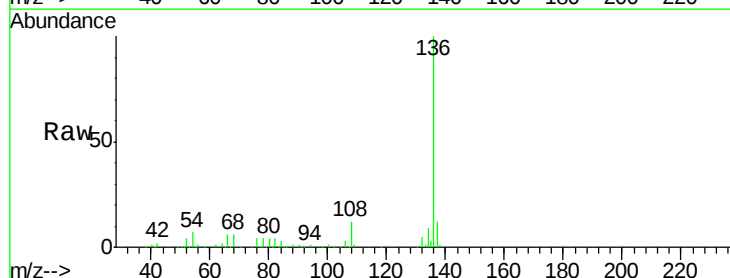
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.2 5.8 8.8

68 5.8 4.2 6.2

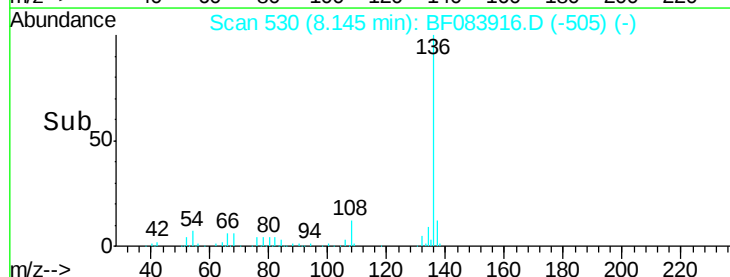
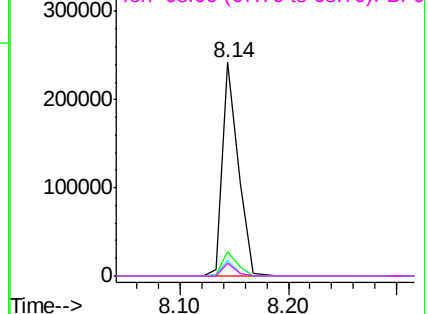


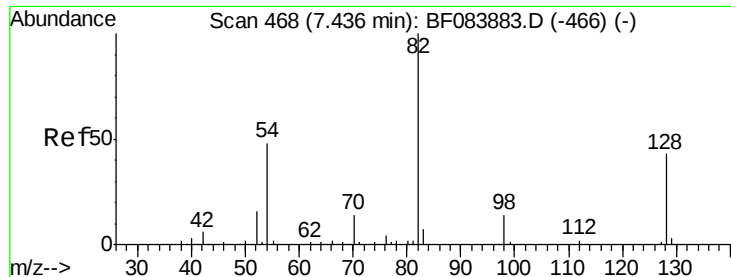
Abundance Ion 136.00 (135.70 to 136.70): E

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

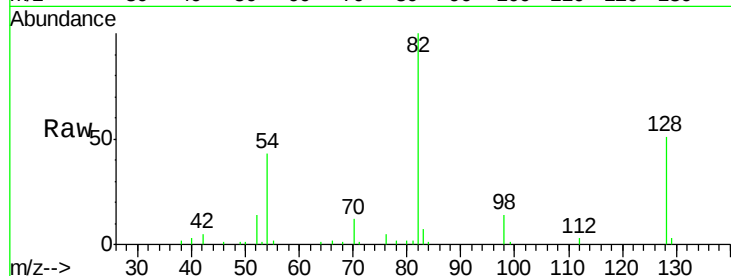




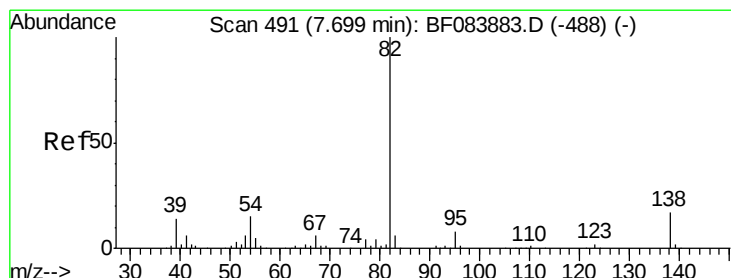
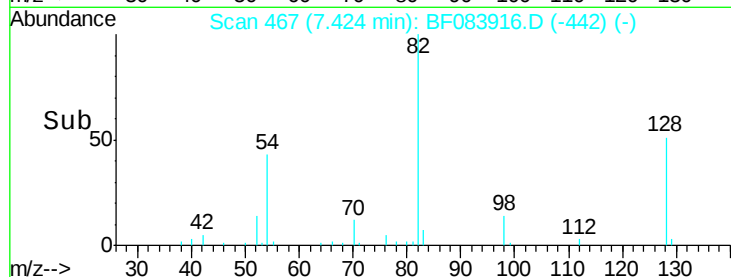
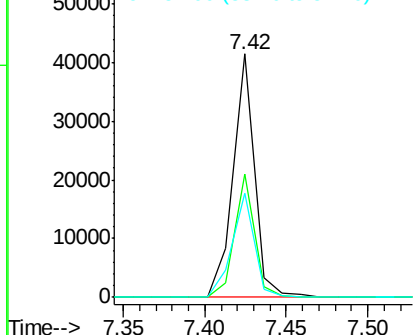
#23
 Nitrobenzene-d5
 Concen: 8.66 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tgt Ion: 82 Resp: 37369
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.6 51.8
 54 42.6 38.4 57.6

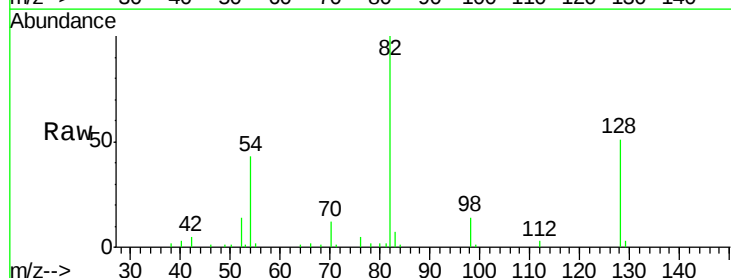


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

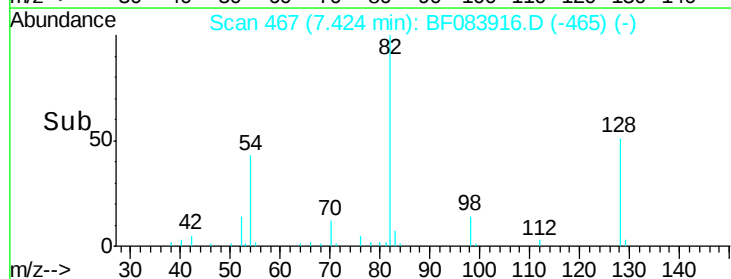
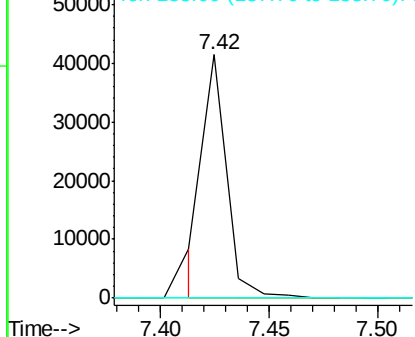


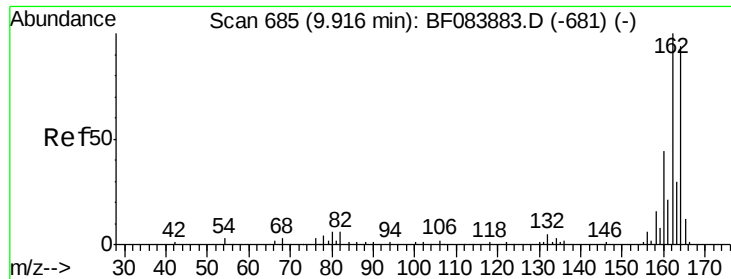
#25
 Isophorone
 Concen: 3.90 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.27 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion: 82 Resp: 31678
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

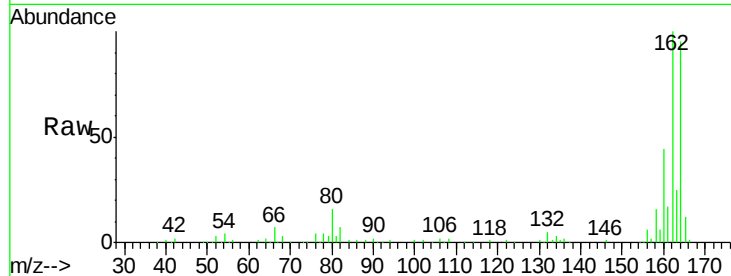




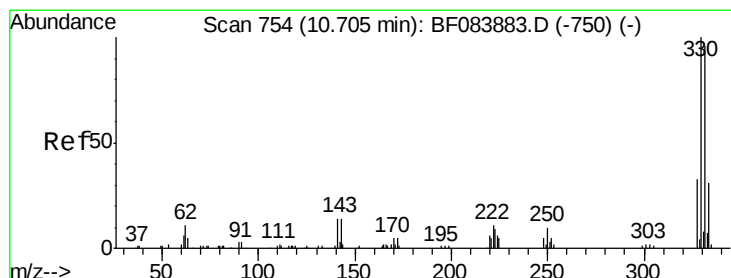
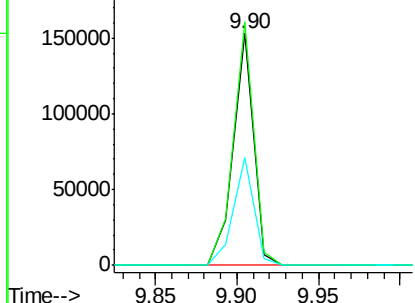
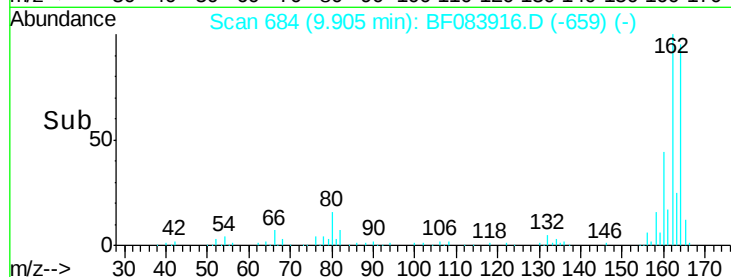
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tgt Ion:164 Resp: 131116
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 46.6 37.5 56.3

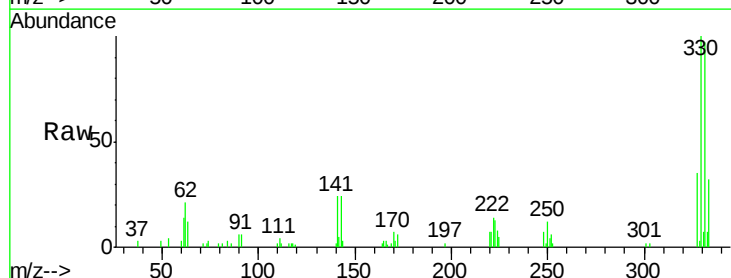


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 13.83 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion:330 Resp: 19975
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 37.5 27.8 41.6



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

