

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084794.D
 Acq On : 3 Feb 2016 19:42
 Operator : SJ/IZ
 Sample : PB88152BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BL

Quant Time: Feb 04 00:29:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

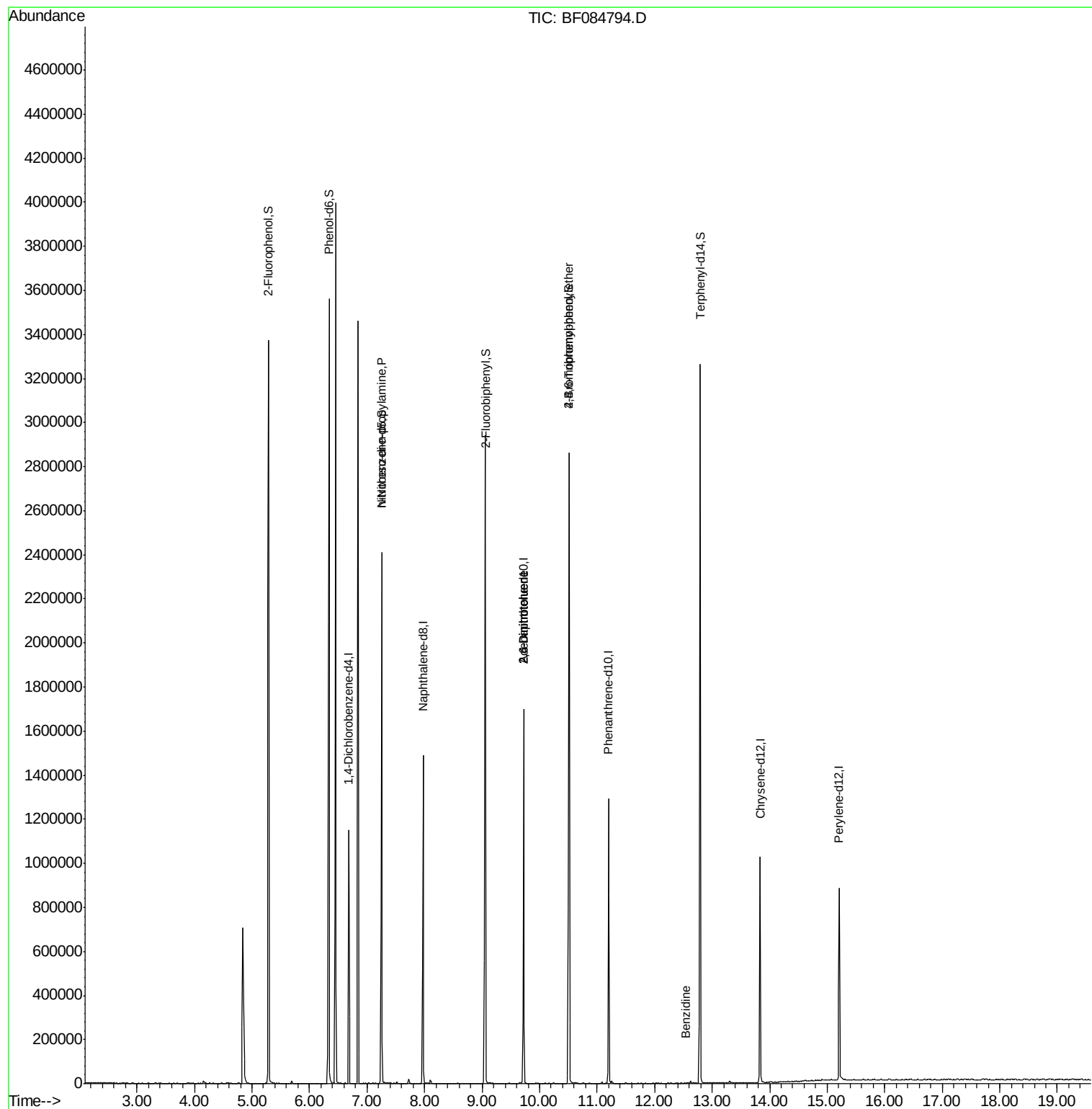
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	168181	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	716285	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	330933	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	609695	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	549122	20.00	ng	0.00
86) Perylene-d12	15.21	264	381760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1106377	102.47	ng	0.01
7) Phenol-d6	6.34	99	1412015	105.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	773421	60.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	323375	93.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1471793	70.86	ng	0.00
78) Terphenyl-d14	12.80	244	1536136	63.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	104756	12.48	ng	# 69
50) 2,6-Dinitrotoluene	9.72	165	41802	7.59	ng	# 37
56) 2,4-Dinitrotoluene	9.72	165	41802	5.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	21461	3.19	ng	# 1
76) Benzidine	12.54	184	745	6.92	ng	# 66

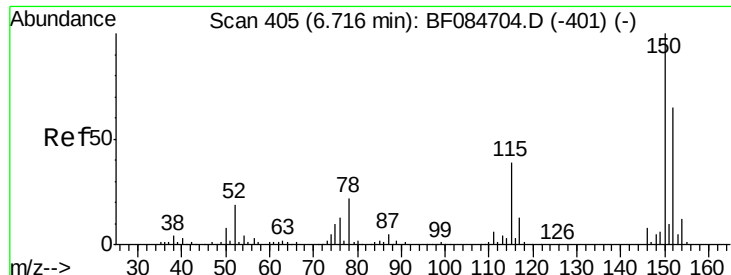
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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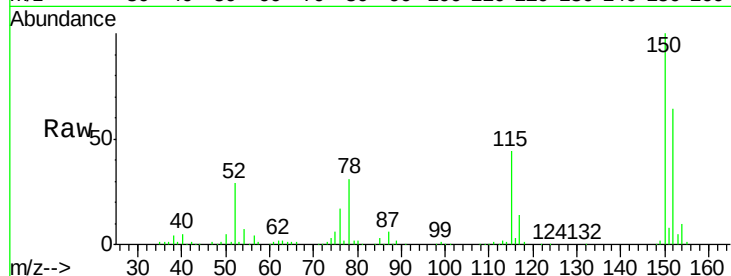


#1

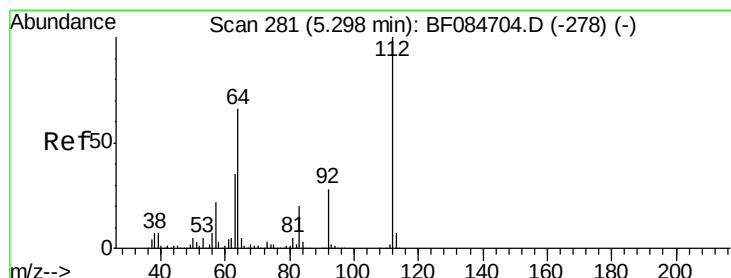
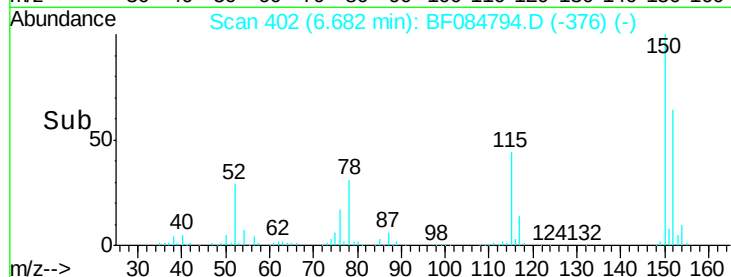
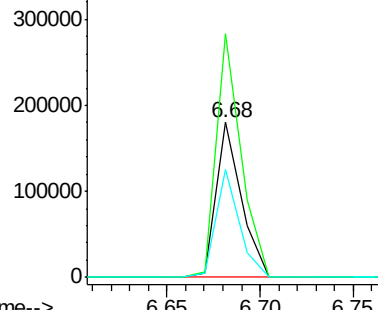
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88152BL

Tgt Ion:152 Resp: 168181
Ion Ratio Lower Upper
152 100
150 157.3 123.0 184.4
115 69.6 51.4 77.2



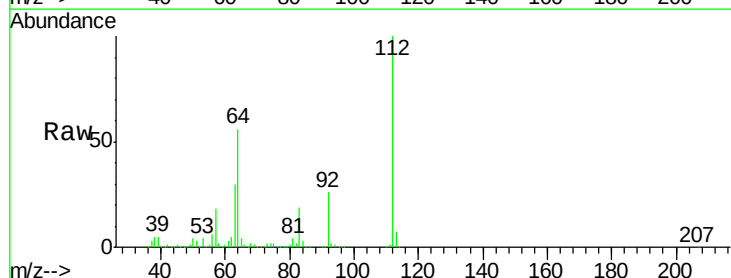
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



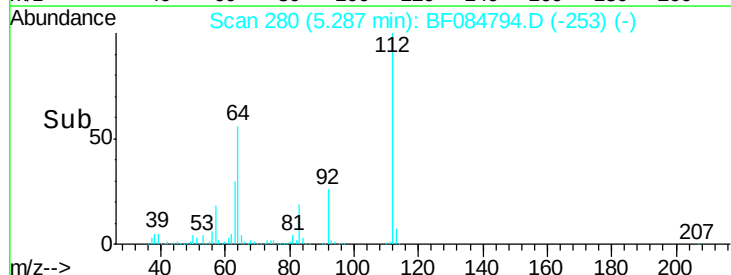
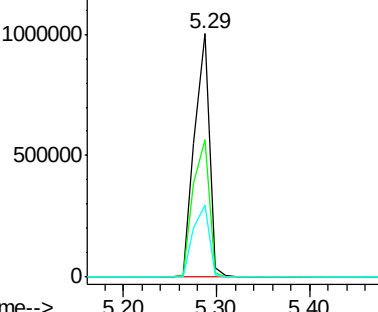
#5

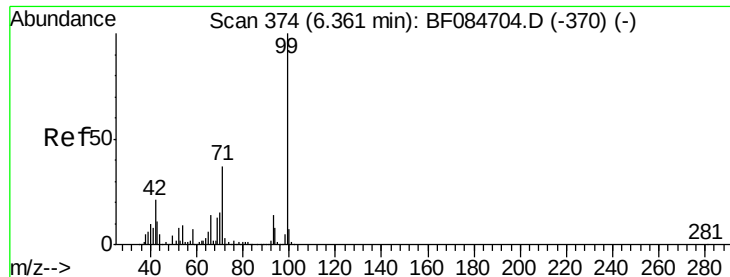
2-Fluorophenol
Concen: 102.47 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Tgt Ion:112 Resp: 1106377
Ion Ratio Lower Upper
112 100
64 56.4 36.6 55.0#
63 29.8 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: 105.49 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88152BL

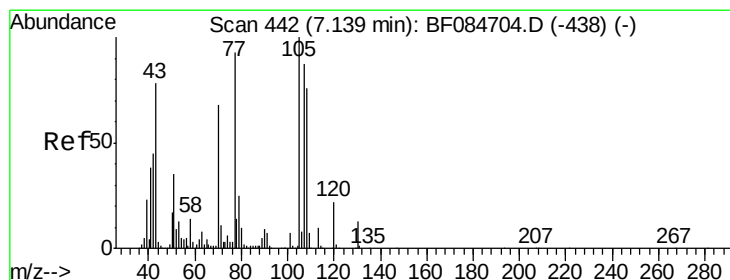
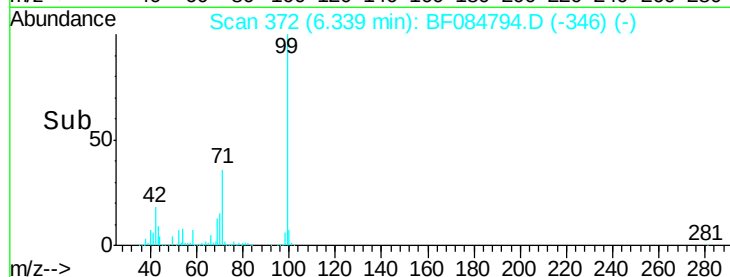
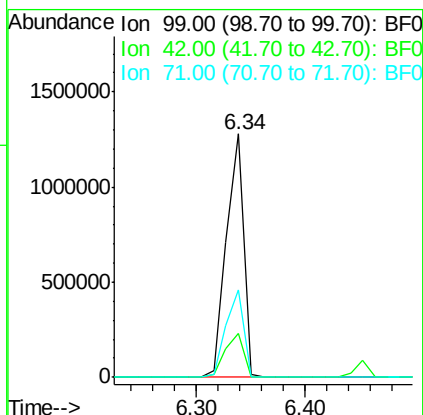
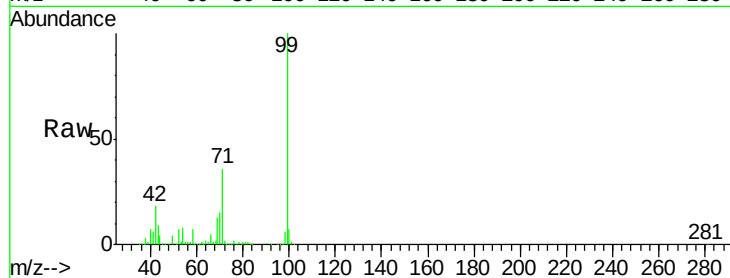
Tgt Ion: 99 Resp: 1412015

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

71 35.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.48 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

Tgt Ion: 70 Resp: 104756

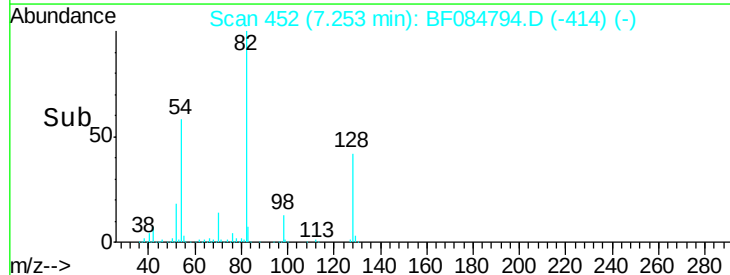
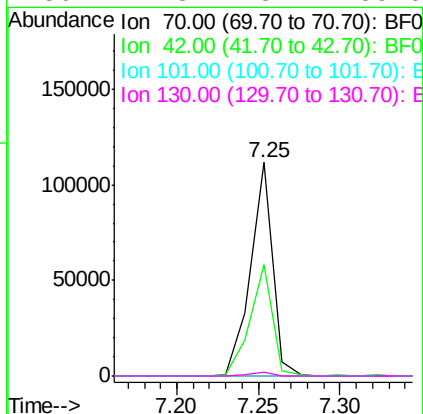
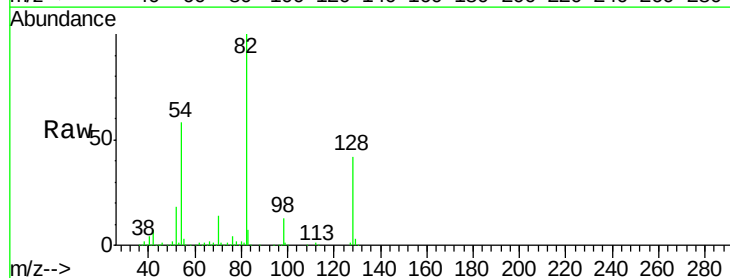
Ion Ratio Lower Upper

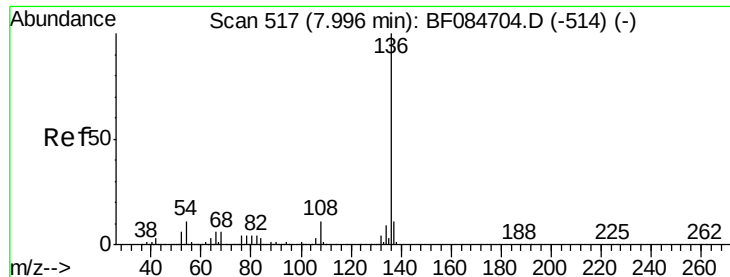
70 100

42 52.1 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

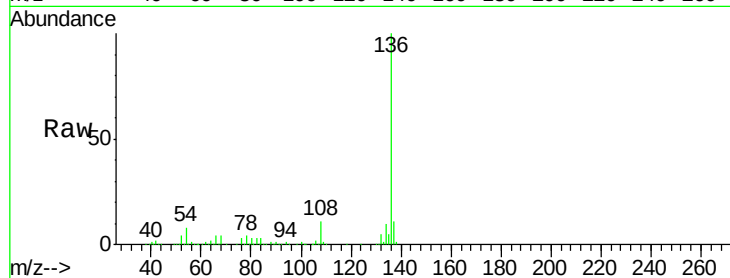




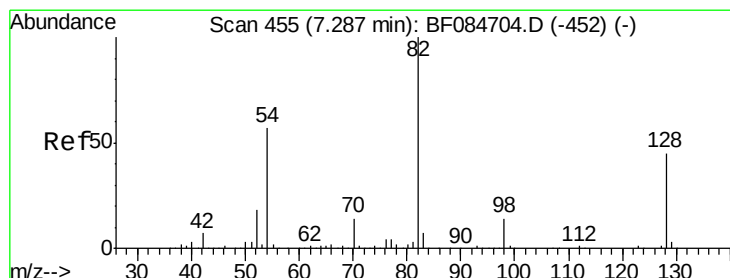
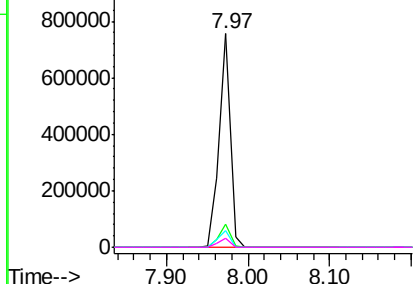
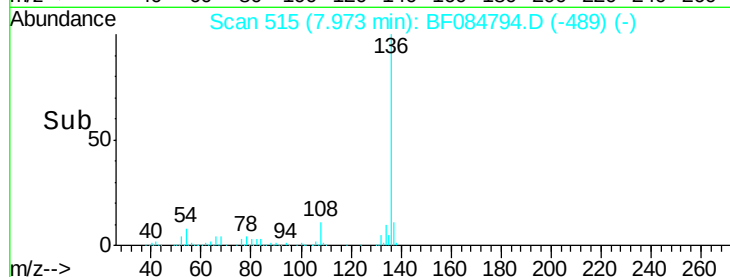
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88152BL

Tgt Ion:	136	Resp:	716285
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	5.8	8.8
68	4.3	4.2	6.2

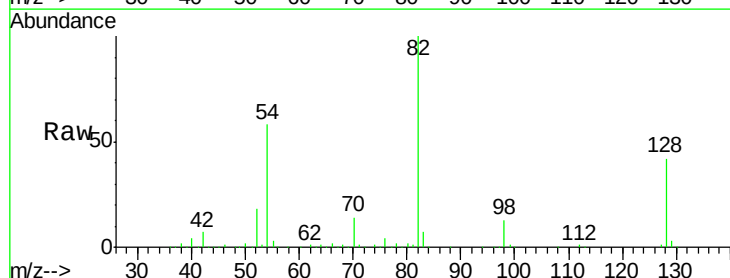


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

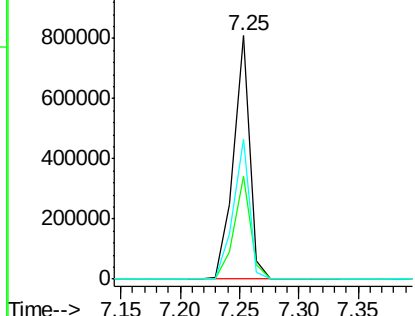
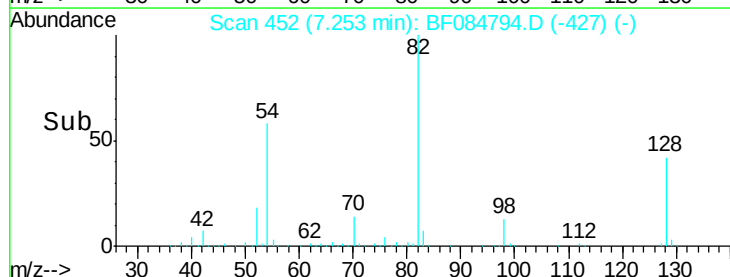


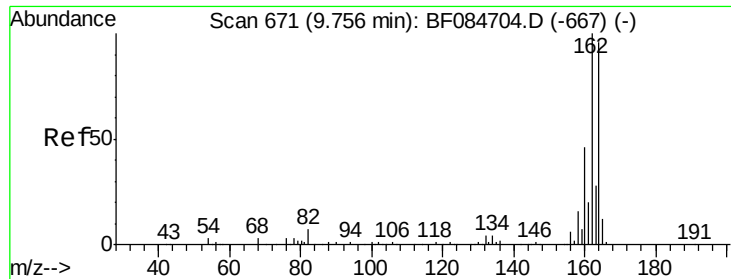
#23
Nitrobenzene-d5
Concen: 60.83 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Tgt Ion:	82	Resp:	773421
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	57.6	38.4	57.6



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88152BL

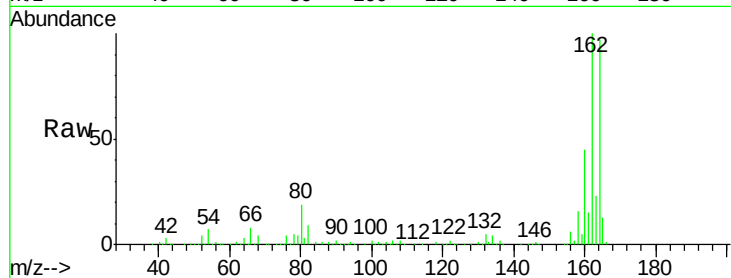
Tgt Ion:164 Resp: 330933

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

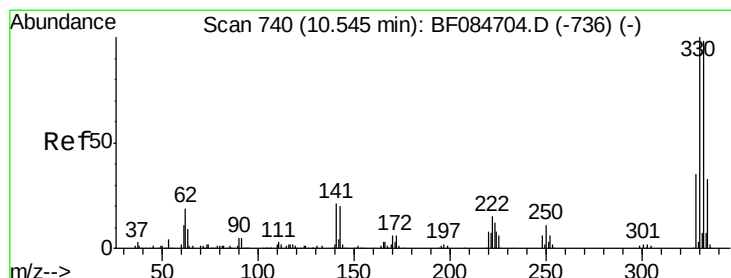
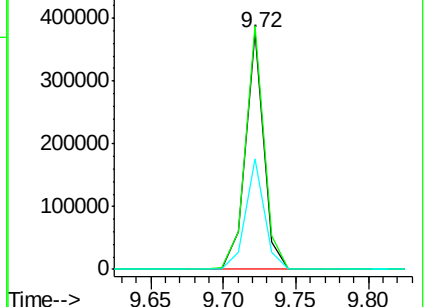
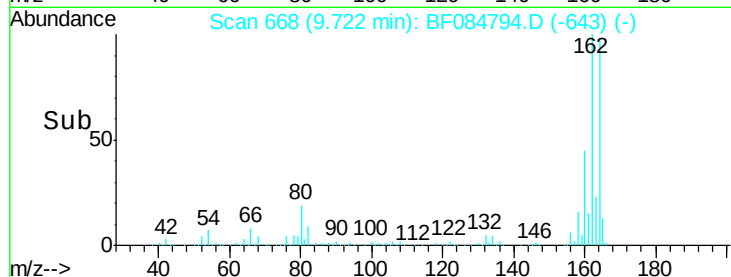
160 46.7 37.5 56.3



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: 93.68 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

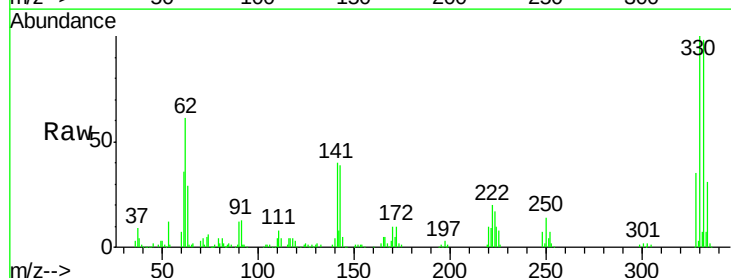
Tgt Ion:330 Resp: 323375

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

141 39.3 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

