

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083836.D
 Acq On : 16 Dec 2015 1:51
 Operator : UM/IZ
 Sample : G4797-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPMW2

Quant Time: Dec 16 04:31:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

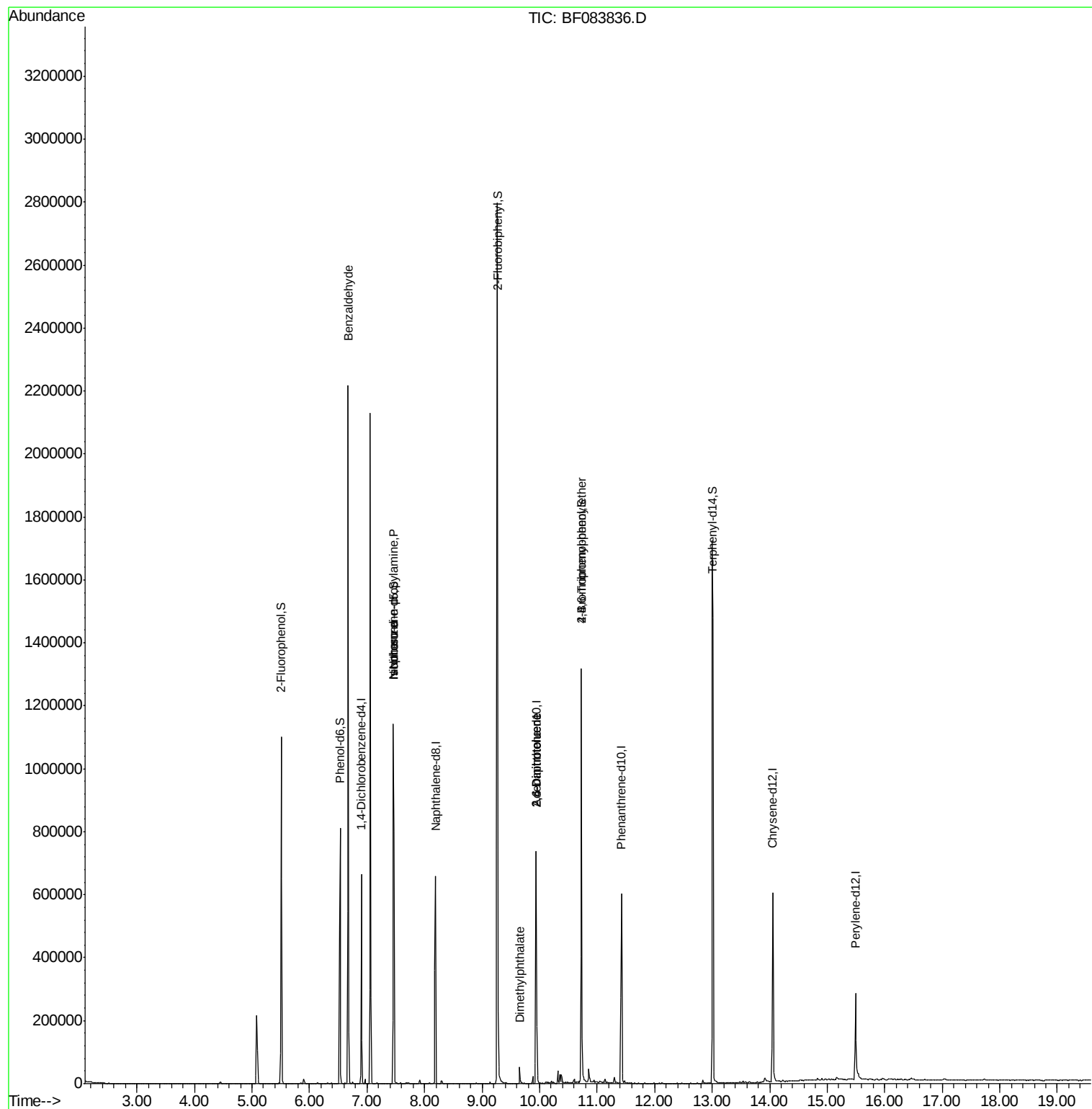
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	98083	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	372847	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	153630	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	252616	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	224831	20.00	ng	-0.02
86) Perylene-d12	15.49	264	153193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	397466	65.37	ng	-0.02
7) Phenol-d6	6.53	99	359094	46.64	ng	-0.01
23) Nitrobenzene-d5	7.46	82	520001	78.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	171518	109.56	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	913619	88.12	ng	-0.02
78) Terphenyl-d14	13.01	244	801439	76.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.67	77	13638	3.30	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.46	70	68286	14.48	ng	# 72
25) Isophorone	7.46	82	467173	35.73	ng	# 69
49) Dimethylphthalate	9.65	163	24229	2.02	ng	99
50) 2,6-Dinitrotoluene	9.94	165	19353	7.61	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	19350	5.83	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	11904	4.21	ng	# 1

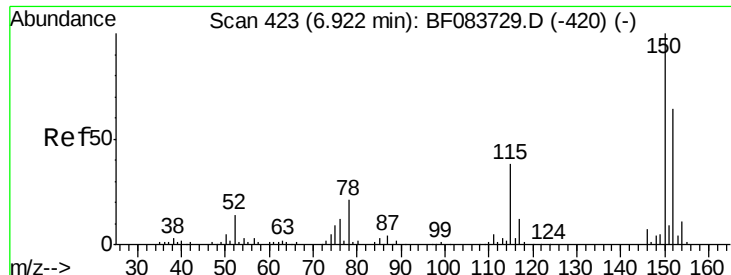
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

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ClientSampleId :

TPMW2

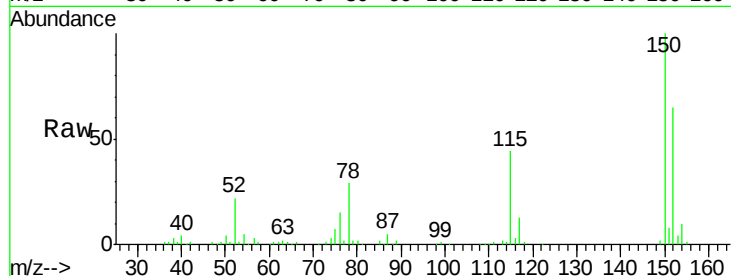
Tgt Ion:152 Resp: 98083

Ion Ratio Lower Upper

152 100

150 154.7 126.5 189.7

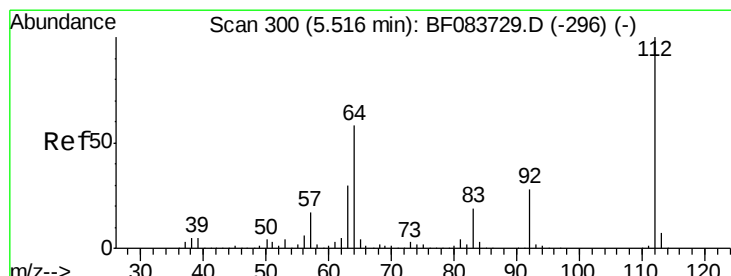
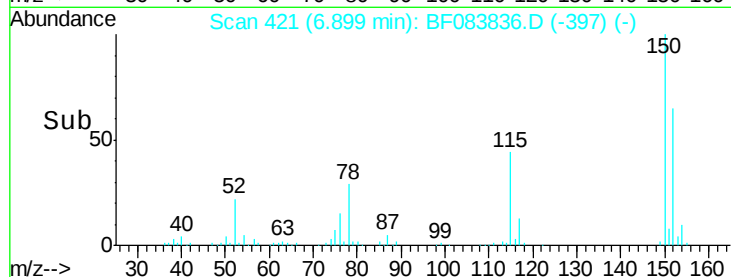
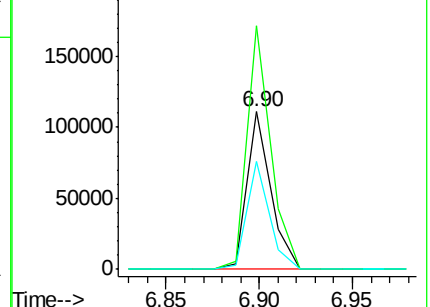
115 68.8 52.3 78.5



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: 65.37 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083836.D

Acq: 16 Dec 2015 1:51

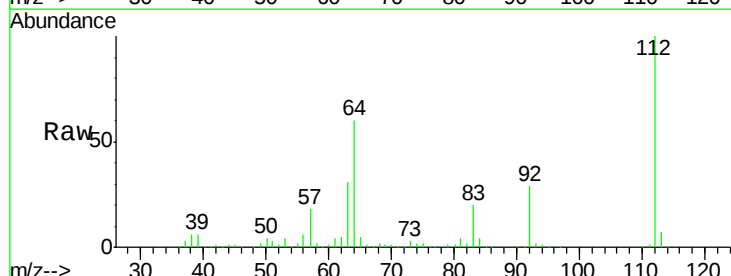
Tgt Ion:112 Resp: 397466

Ion Ratio Lower Upper

112 100

64 59.8 50.5 75.7

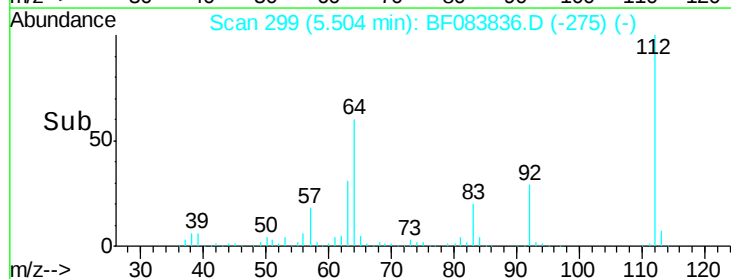
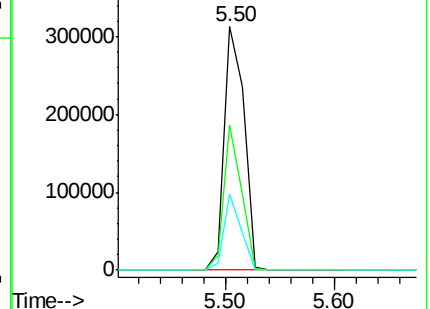
63 31.1 25.8 38.6

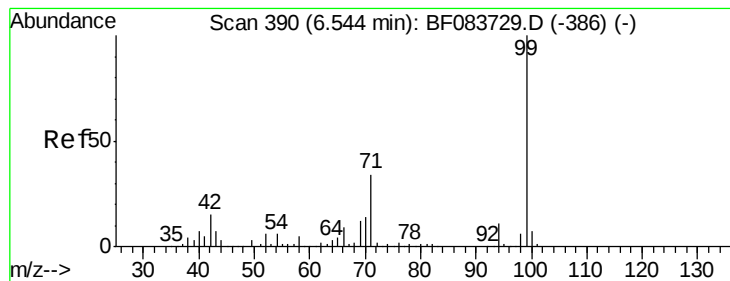


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.64 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083836.D

Acq: 16 Dec 2015 1:51

Instrument :

BNA_F

ClientSampleId :

TPMW2

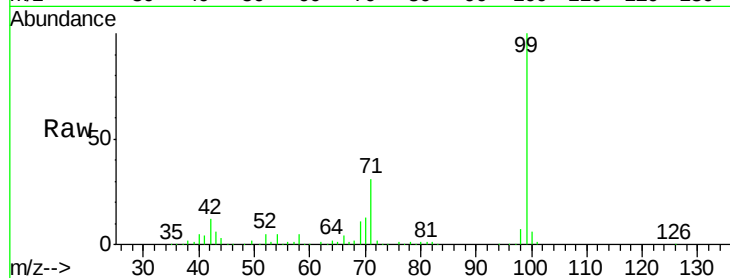
Tgt Ion: 99 Resp: 359094

Ion Ratio Lower Upper

99 100

42 11.7 17.3 25.9#

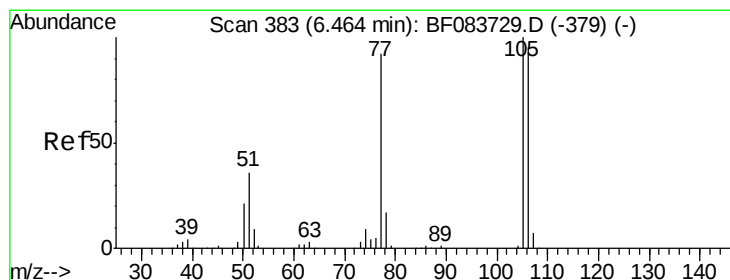
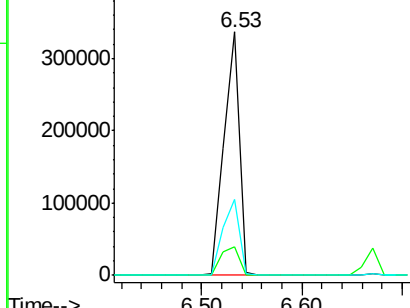
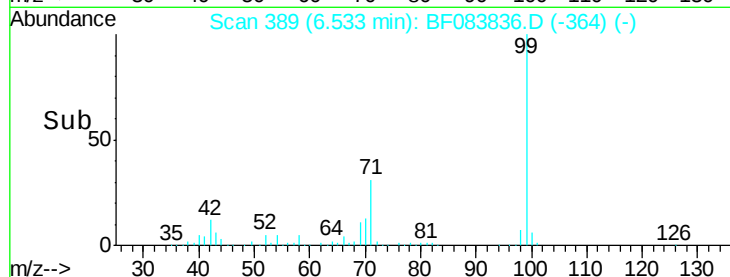
71 31.0 26.6 40.0



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



#9

Benzaldehyde

Concen: 3.30 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083836.D

Acq: 16 Dec 2015 1:51

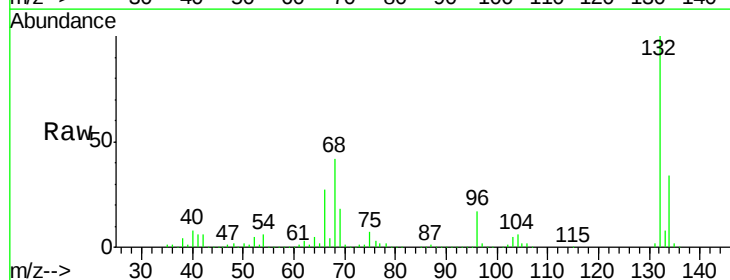
Tgt Ion: 77 Resp: 13638

Ion Ratio Lower Upper

77 100

105 80.6 71.8 111.8

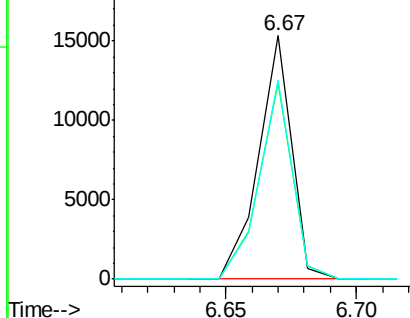
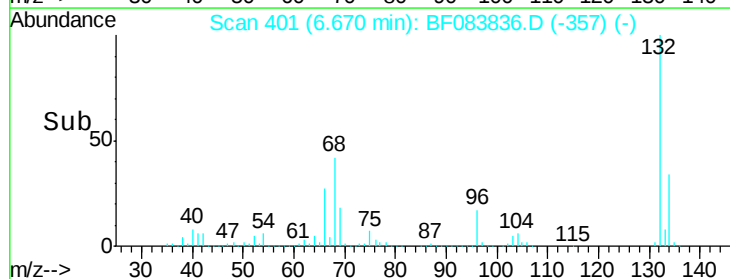
106 81.7 66.8 106.8

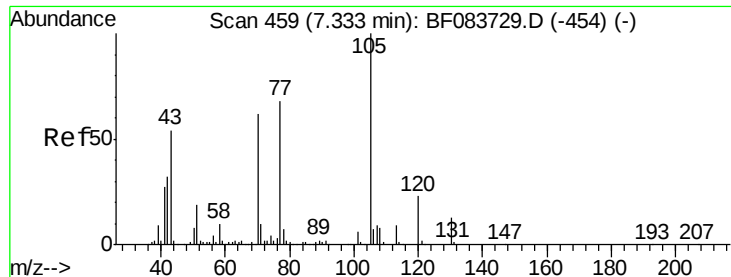


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

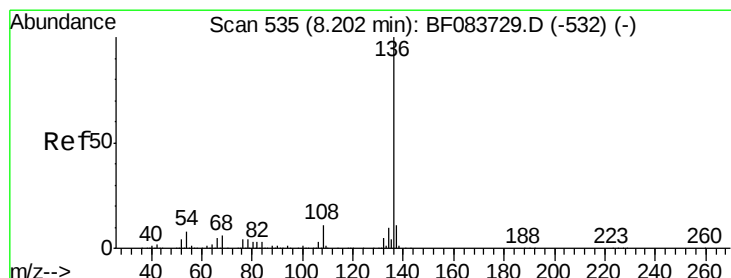
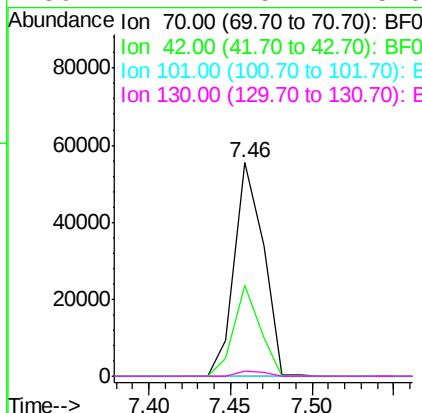
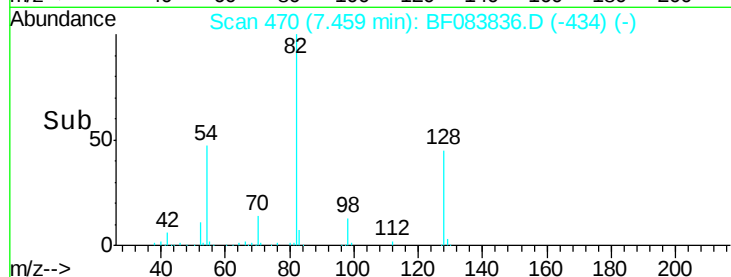
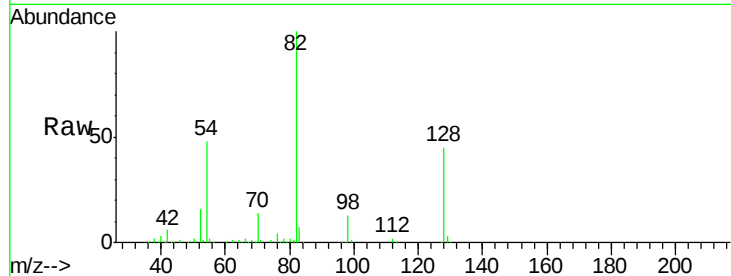




#19
n-Nitroso-di-n-propylamine
Concen: 14.48 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083836.D
Acq: 16 Dec 2015 1:51

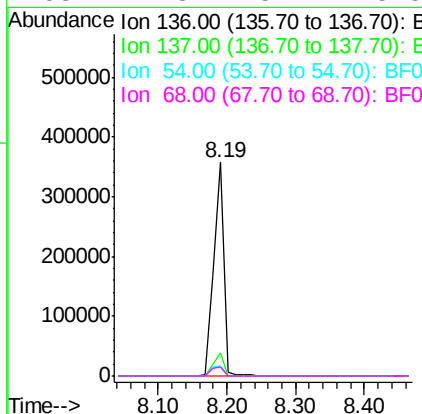
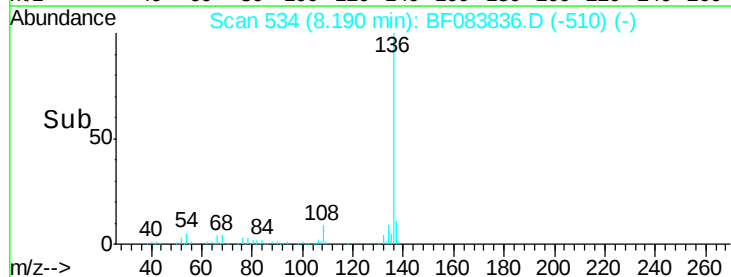
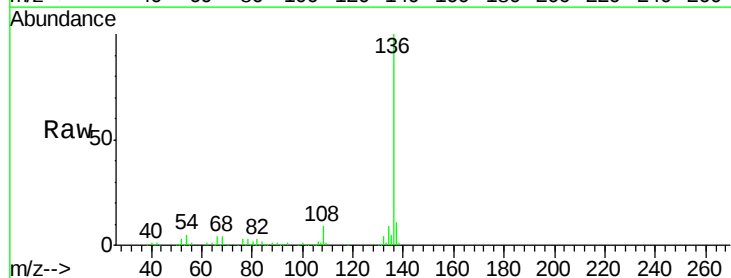
Instrument :
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ClientSampleId :
TPMW2

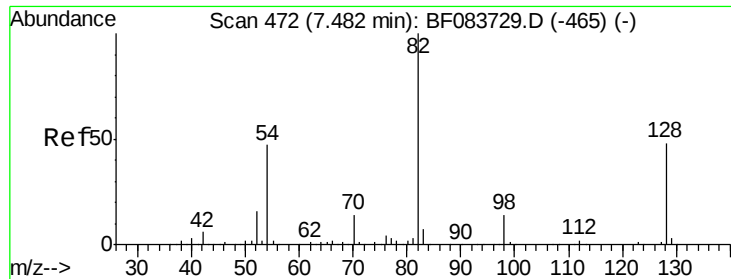
Tgt Ion: 70 Resp: 68286
Ion Ratio Lower Upper
70 100
42 42.4 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083836.D
Acq: 16 Dec 2015 1:51

Tgt Ion: 136 Resp: 372847
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 5.1 7.8 11.6#
68 4.3 5.7 8.5#

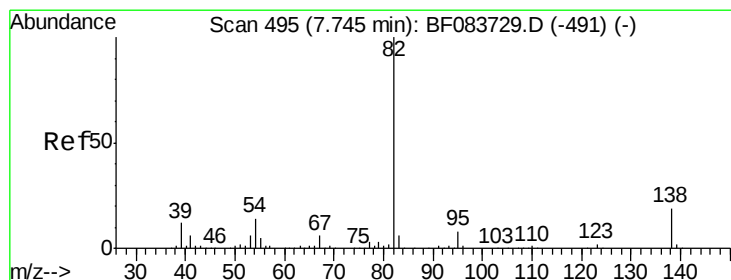
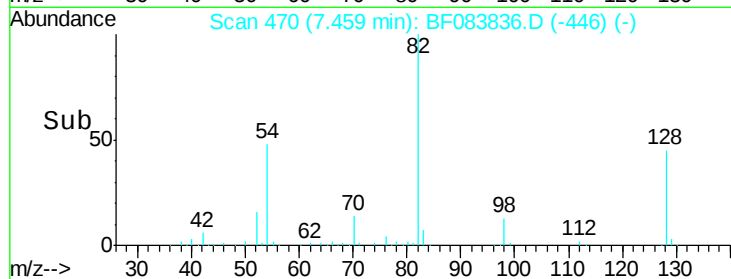
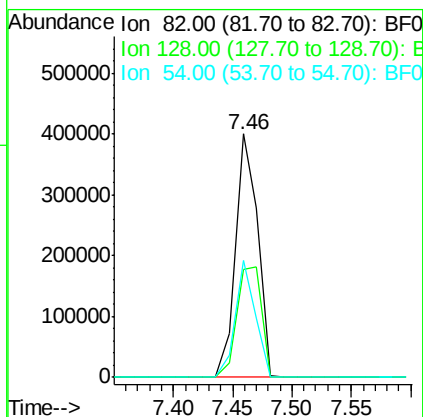
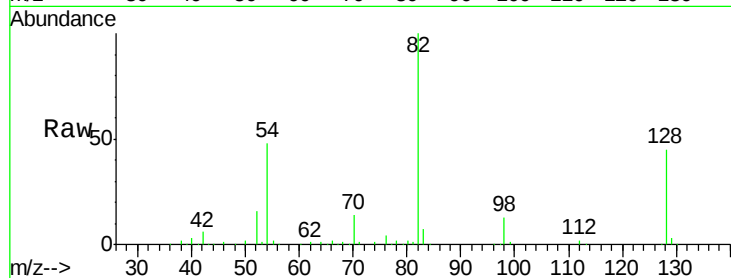




#23
 Nitrobenzene-d5
 Concen: 78.03 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083836.D
 Acq: 16 Dec 2015 1:51

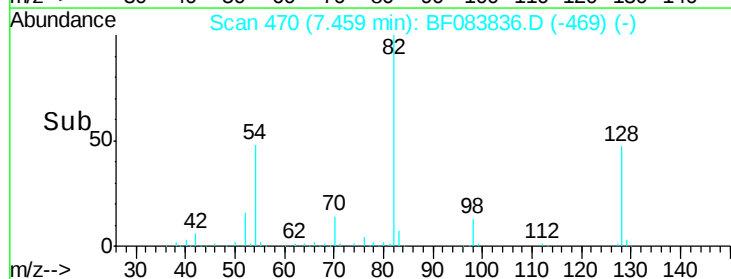
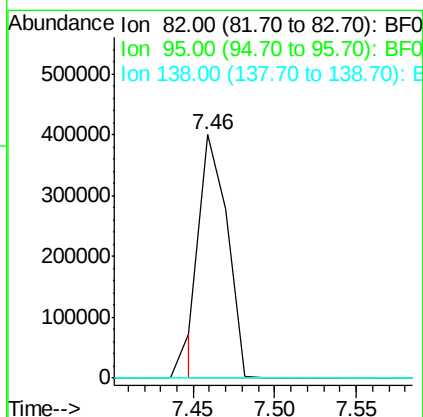
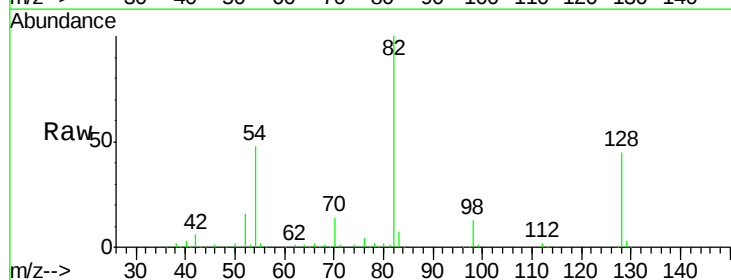
Instrument :
 BNA_F
 ClientSampleId :
 TPMW2

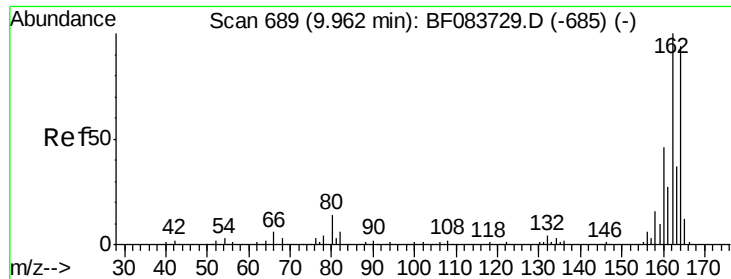
Tgt Ion: 82 Resp: 520001
 Ion Ratio Lower Upper
 82 100
 128 44.5 30.7 46.1
 54 48.2 42.5 63.7



#25
 Isophorone
 Concen: 35.73 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083836.D
 Acq: 16 Dec 2015 1:51

Tgt Ion: 82 Resp: 467173
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083836.D

Acq: 16 Dec 2015 1:51

Instrument :

BNA_F

ClientSampleId :

TPMW2

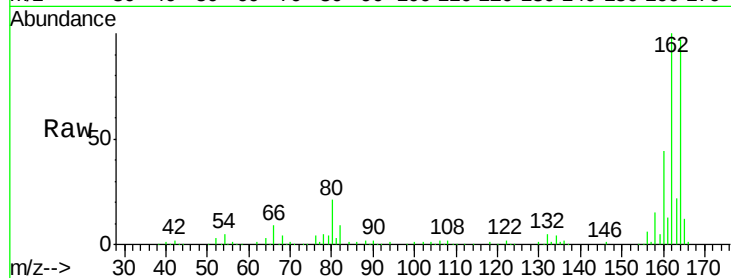
Tgt Ion:164 Resp: 153630

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

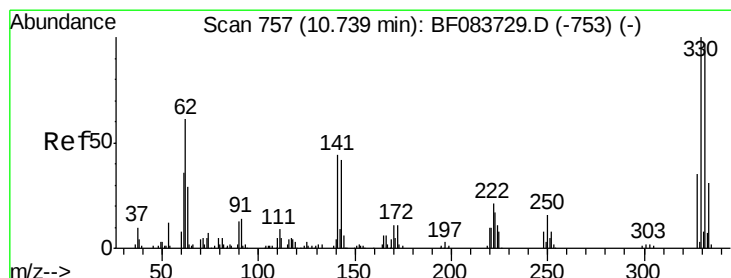
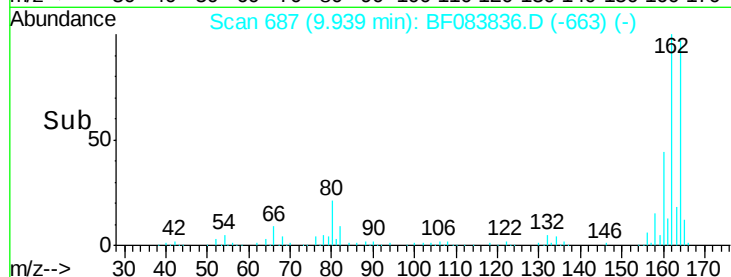
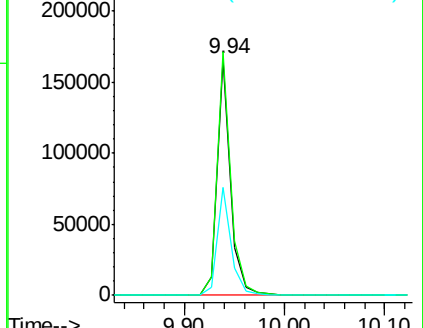
160 45.5 33.4 50.2



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: 109.56 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083836.D

Acq: 16 Dec 2015 1:51

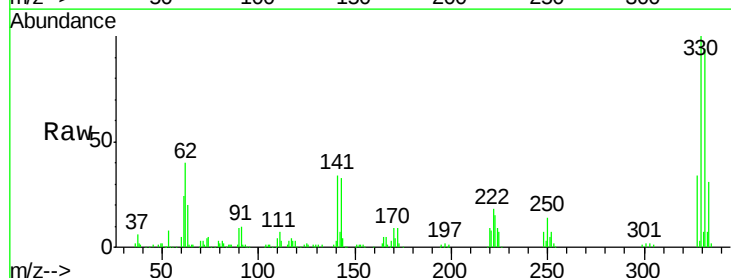
Tgt Ion:330 Resp: 171518

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

141 36.9 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

