

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084388.D
 Acq On : 11 Jan 2016 19:12
 Operator : SJ/UM
 Sample : H1065-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Jan 12 02:16:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

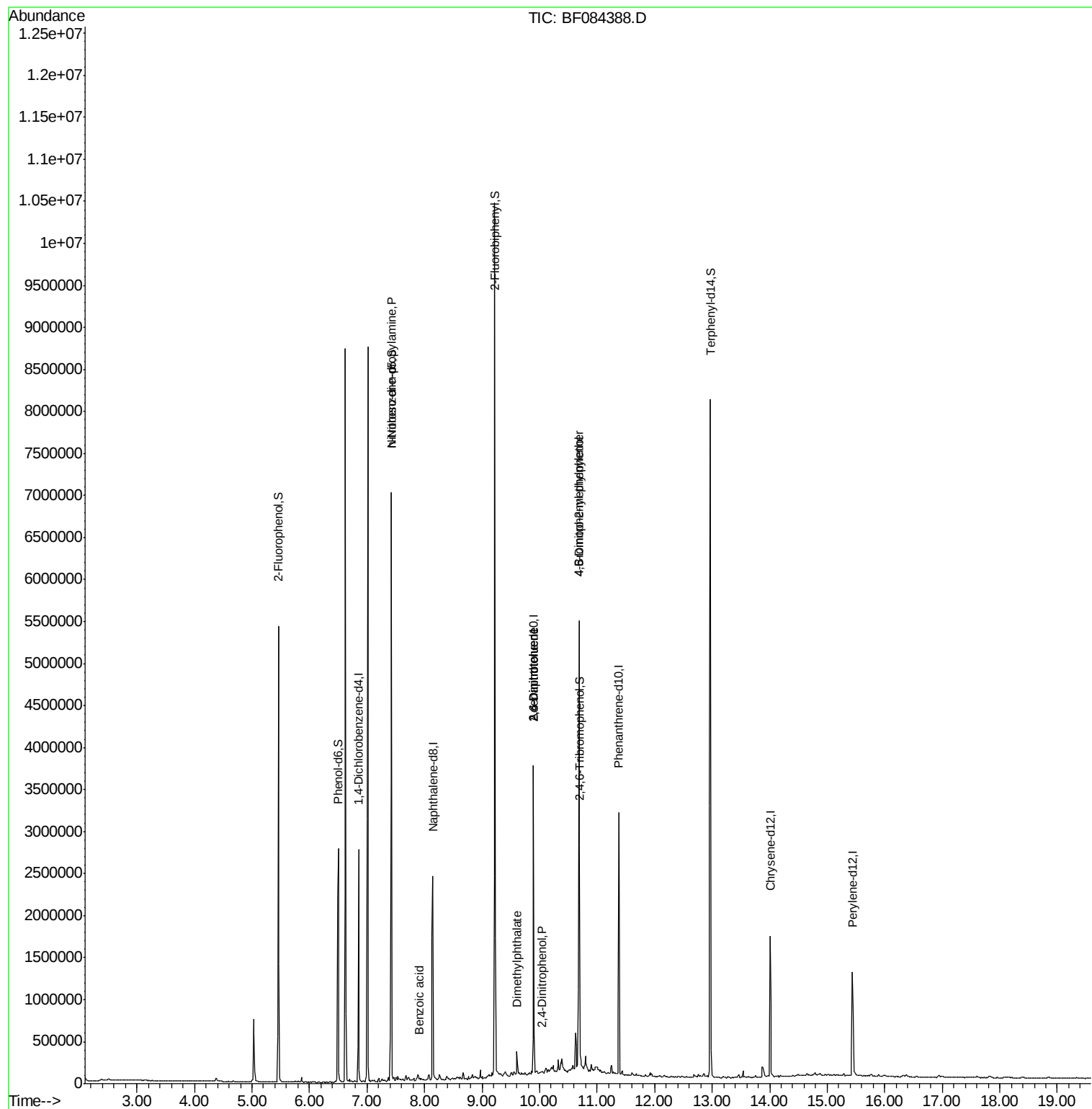
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	364111	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1425857	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	660204	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1067757	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	666037	20.00	ng	-0.06
86) Perylene-d12	15.44	264	593298	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1452360	64.52	ng	-0.03
7) Phenol-d6	6.50	99	1316888	46.58	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2555551	99.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	862219	129.36	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3161140	84.17	ng	-0.04
78) Terphenyl-d14	12.97	244	2498086	83.72	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	366387	19.14	ng	# 73
32) Benzoic acid	7.90	122	1121	6.31	ng	# 81
49) Dimethylphthalate	9.61	163	116751	2.47	ng	# 89
50) 2,6-Dinitrotoluene	9.89	165	88547	8.55	ng	# 38
53) 2,4-Dinitrophenol	10.04	184	262	3.61	ng	# 1
54) Dibenzofuran	10.10	168	924	Below Cal	#	1
56) 2,4-Dinitrotoluene	9.89	165	89892	6.86	ng	# 22
57) Fluorene	10.44	166	1568	Below Cal	#	88
60) 4-Chlorophenyl-phenylether	10.42	204	564	Below Cal	#	25
64) 4,6-Dinitro-2-methylphenol	10.68	198	1754	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	49776	4.33	ng	# 1
73) Di-n-butylphthalate	11.94	149	20277	Below Cal	#	96

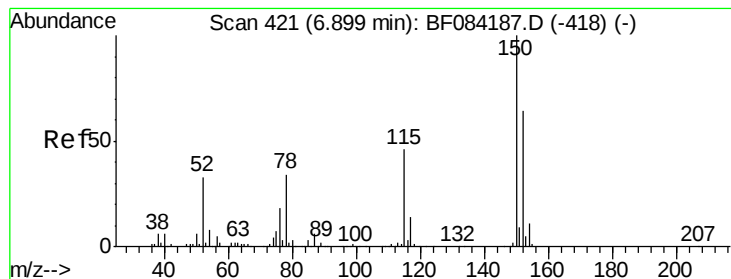
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-14

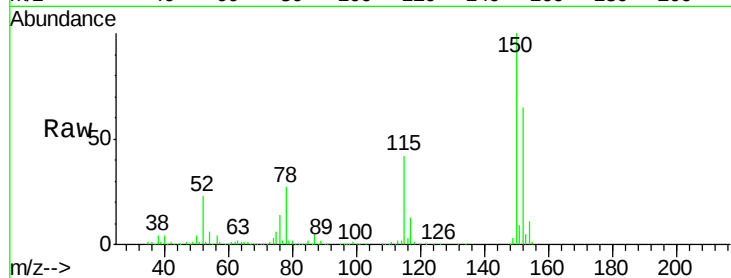
Tgt Ion:152 Resp: 364111

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

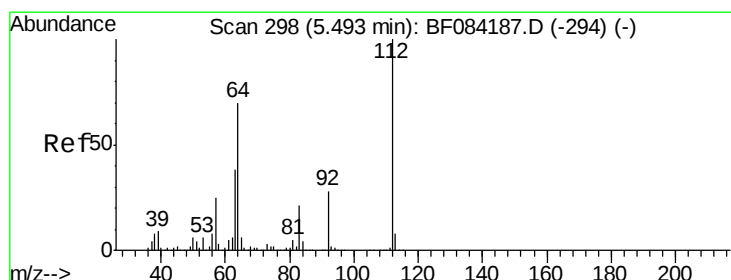
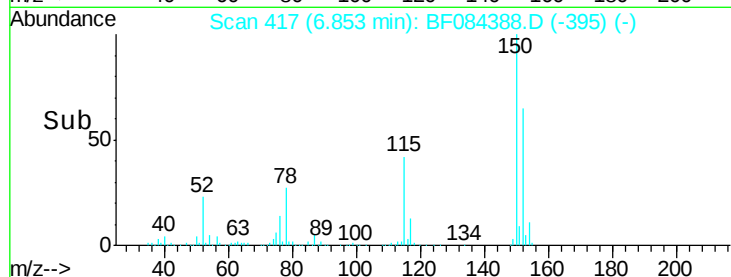
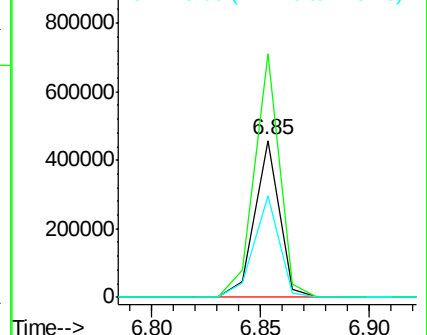
115 65.0 51.4 77.2



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: 64.52 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

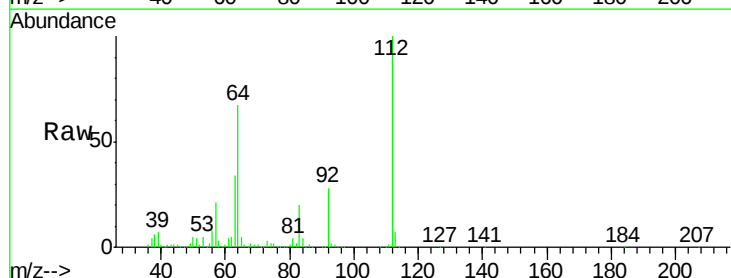
Tgt Ion:112 Resp: 1452360

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

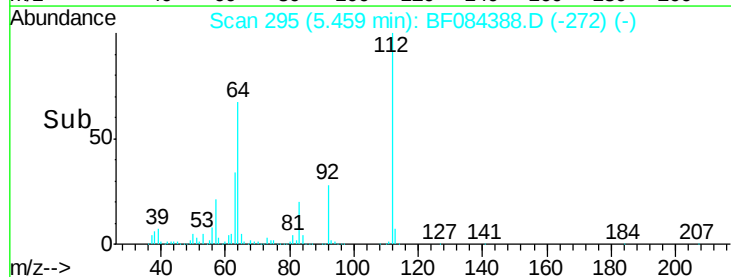
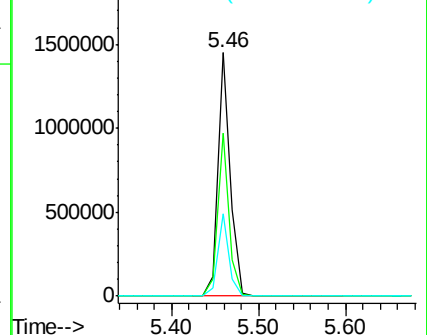
63 33.8 19.4 29.0#

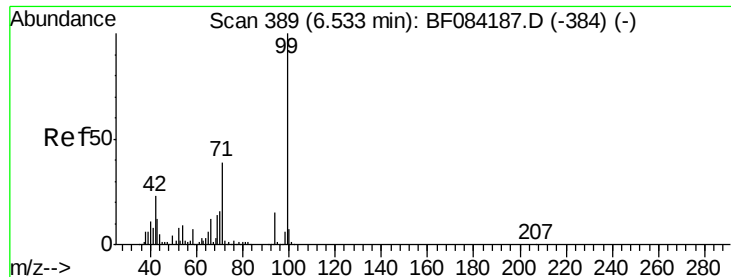


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.58 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-14

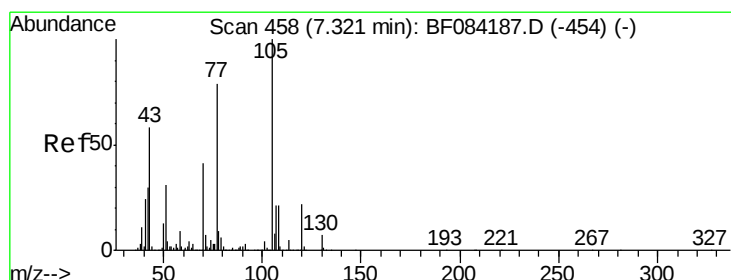
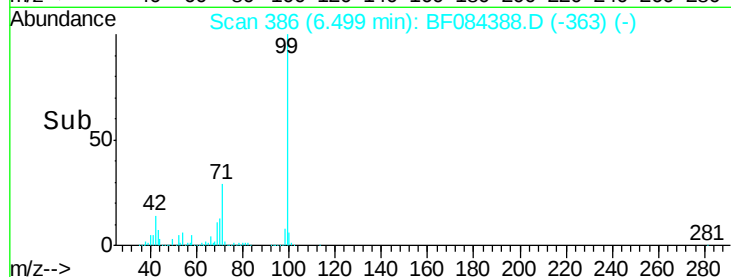
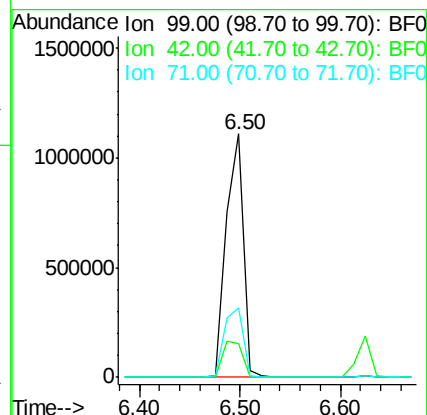
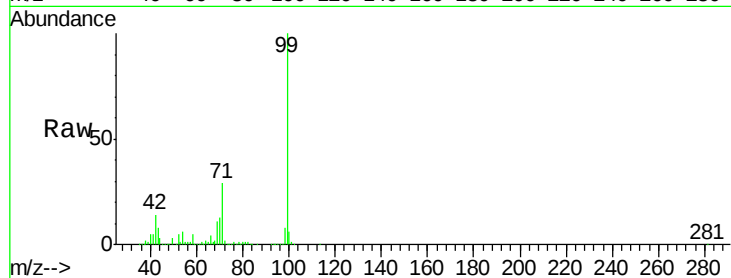
Tgt Ion: 99 Resp: 1316888

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

71 28.6 30.9 46.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.14 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

Tgt Ion: 70 Resp: 366387

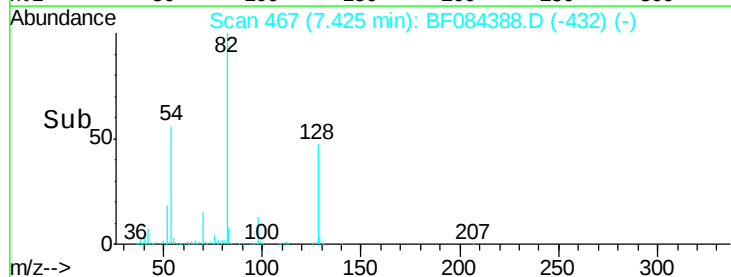
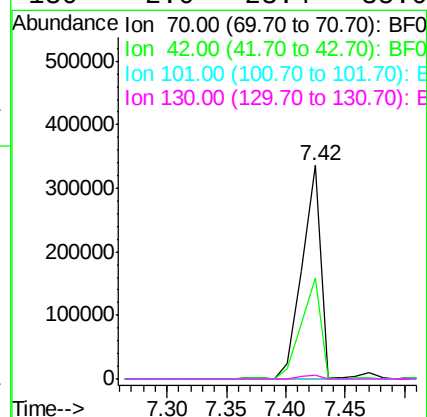
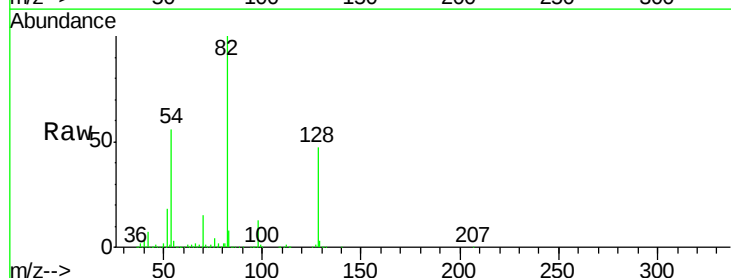
Ion Ratio Lower Upper

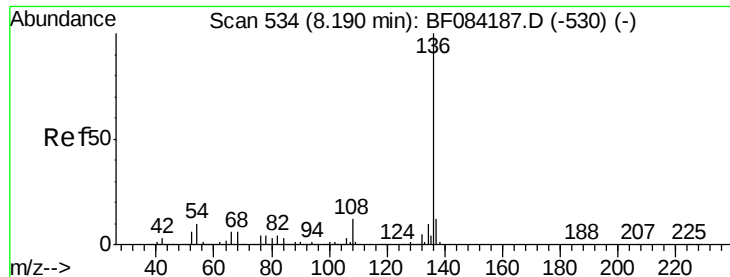
70 100

42 47.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion:136 Resp: 1425857

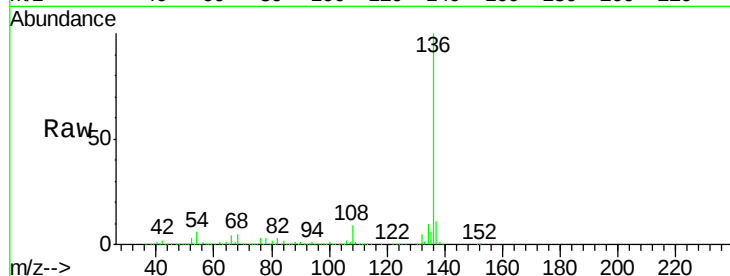
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 5.8 8.8

68 4.9 4.2 6.2

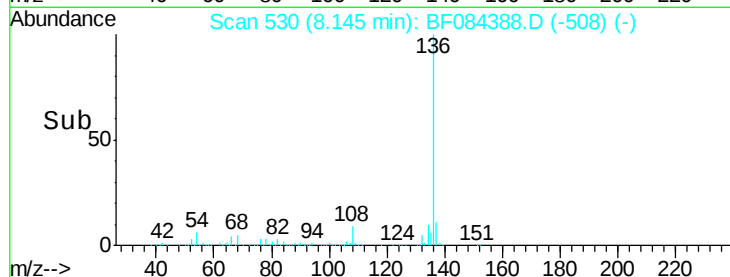


Abundance Ion 136.00 (135.70 to 136.70): E

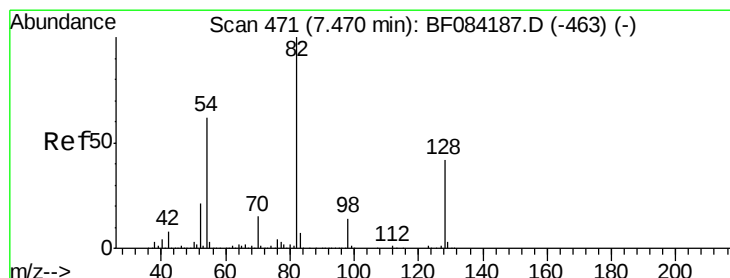
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 99.75 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084388.D

Acq: 11 Jan 2016 19:12

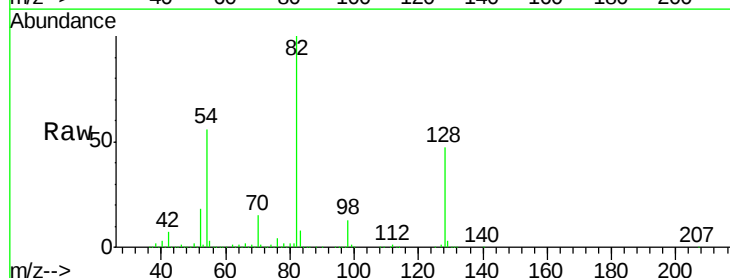
Tgt Ion: 82 Resp: 2555551

Ion Ratio Lower Upper

82 100

128 47.4 34.6 51.8

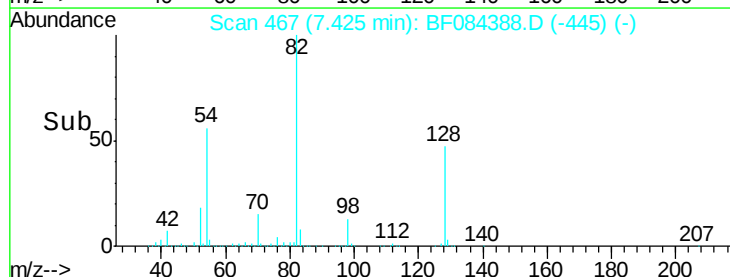
54 55.8 38.4 57.6



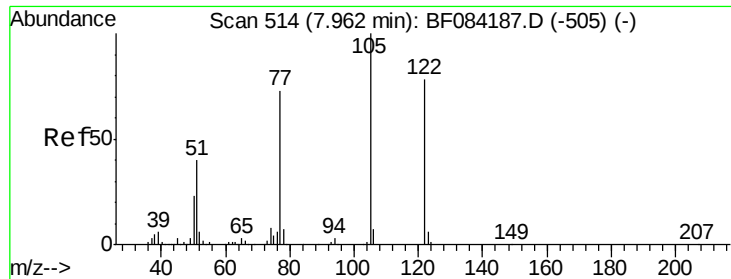
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



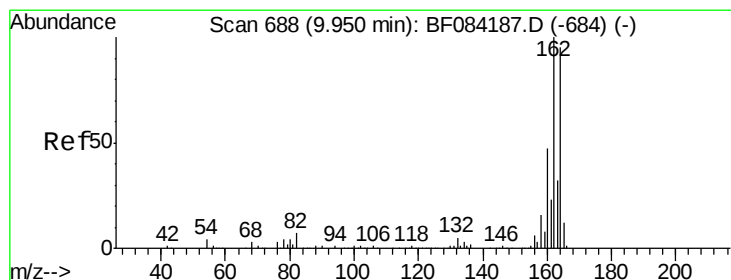
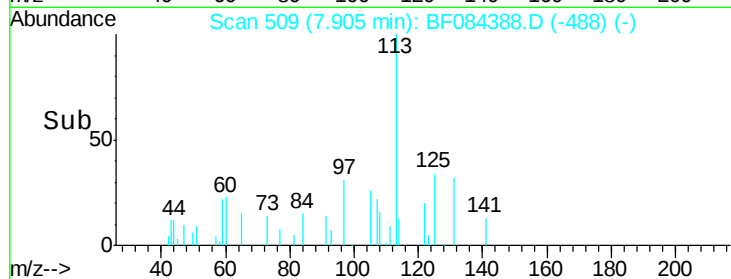
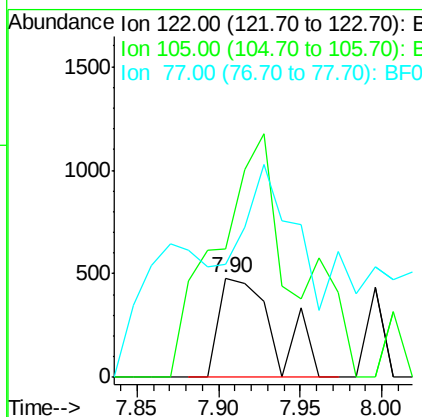
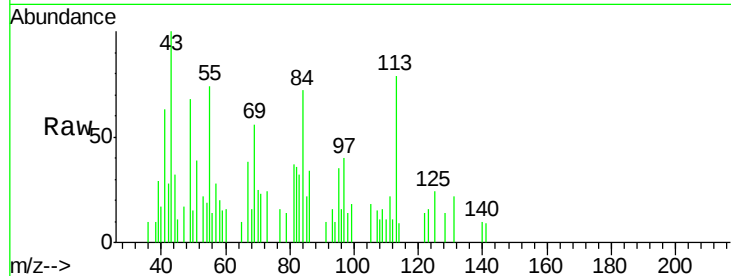
Time-->



#32
Benzoic acid
Concen: 6.31 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF084388.D
Acq: 11 Jan 2016 19:12

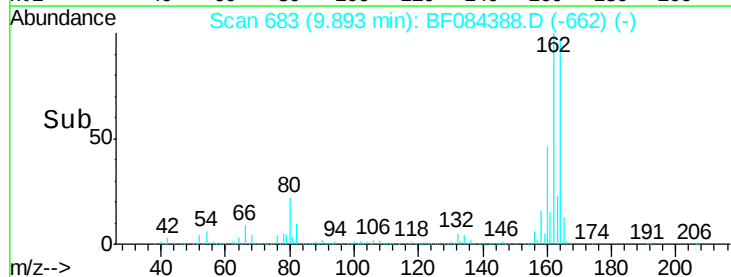
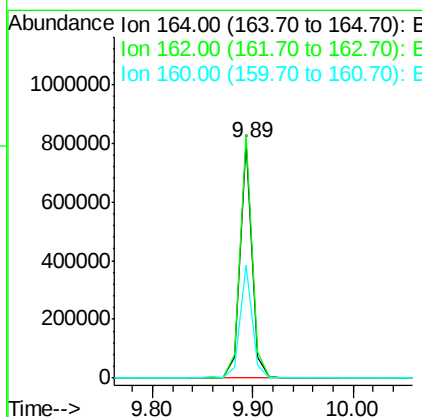
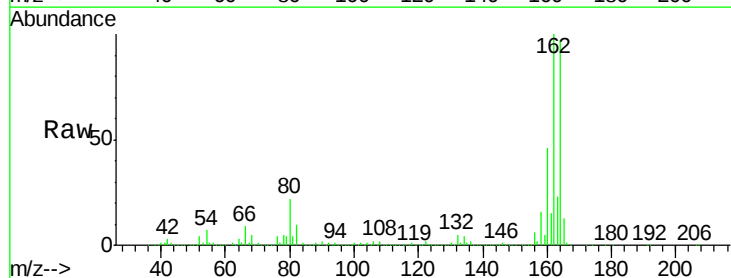
Instrument :
BNA_F
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MW-14

Tgt Ion:122 Resp: 1121
Ion Ratio Lower Upper
122 100
105 129.9 100.3 140.3
77 114.4 63.5 103.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084388.D
Acq: 11 Jan 2016 19:12

Tgt Ion:164 Resp: 660204
Ion Ratio Lower Upper
164 100
162 103.2 85.1 127.7
160 47.9 37.5 56.3

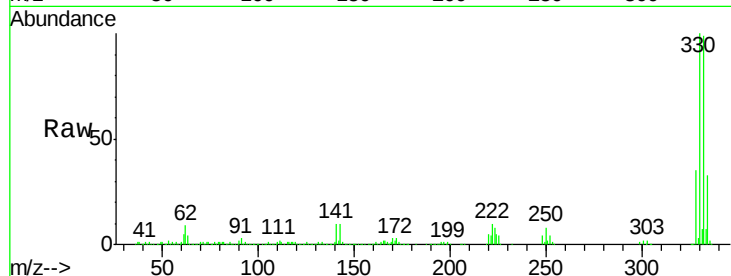




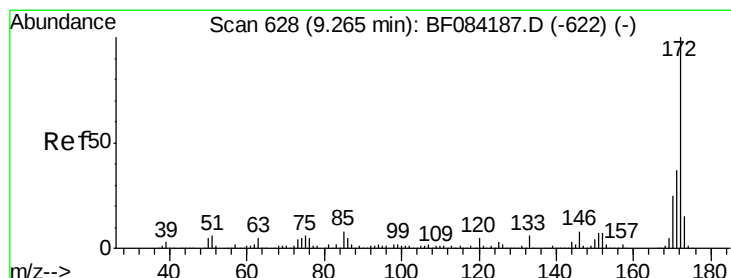
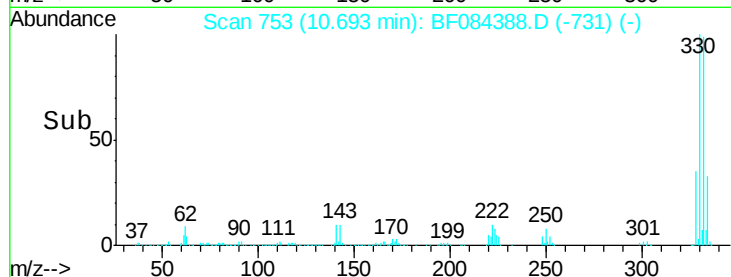
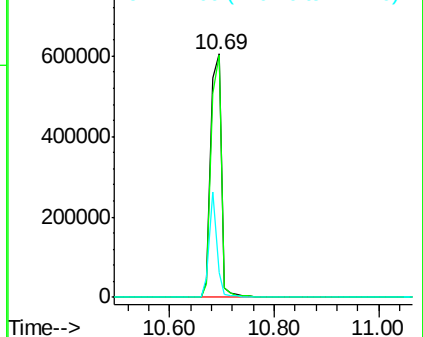
#41
 2,4,6-Tribromophenol
 Concen: 129.36 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084388.D
 Acq: 11 Jan 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:330 Resp: 862219
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 30.9 27.8 41.6

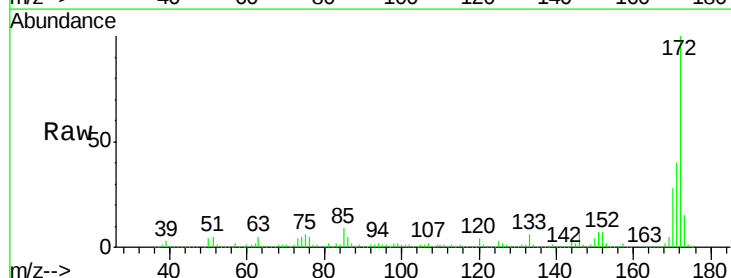


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084388.D
 Acq: 11 Jan 2016 19:12

Tgt Ion:172 Resp: 3161140
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.9 18.6 27.8#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

