

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083852.D
 Acq On : 16 Dec 2015 17:04
 Operator : UM/SJ
 Sample : G4793-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

Quant Time: Dec 17 03:23:59 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

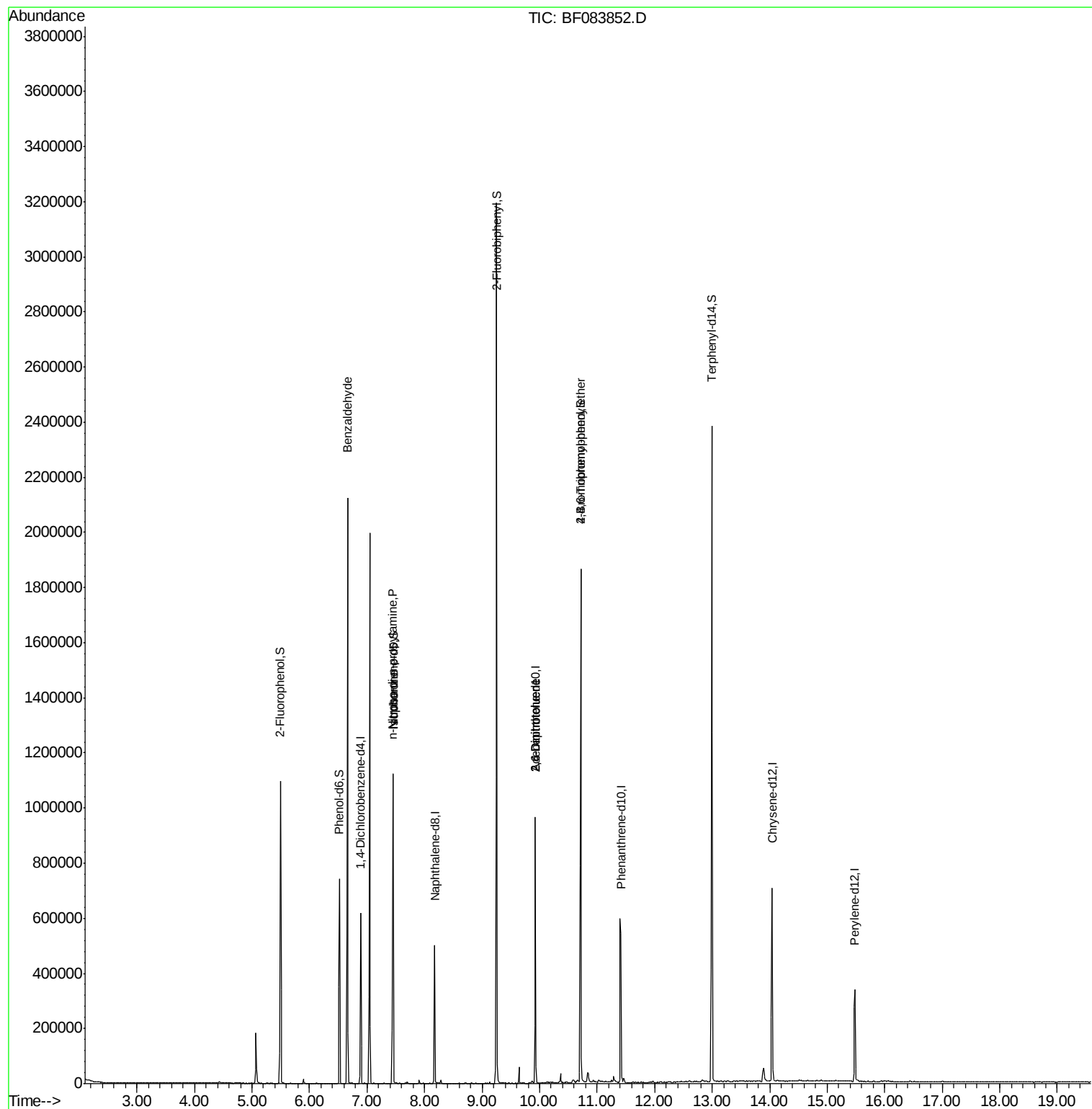
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91733	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	360422	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	184836	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	315023	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	246966	20.00	ng	-0.03
86) Perylene-d12	15.48	264	176090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	323683	56.92	ng	-0.03
7) Phenol-d6	6.52	99	299878	41.64	ng	-0.02
23) Nitrobenzene-d5	7.46	82	580987	90.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	237553	126.13	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1013651	78.51	ng	-0.03
78) Terphenyl-d14	12.99	244	937486	81.65	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	13274	3.43	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.45	70	77443	17.56	ng	# 71
25) Isophorone	7.46	82	534052	42.25	ng	# 69
50) 2,6-Dinitrotoluene	9.93	165	23419	7.66	ng	# 18
56) 2,4-Dinitrotoluene	9.93	165	23415	5.86	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	16883	4.79	ng	# 1

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

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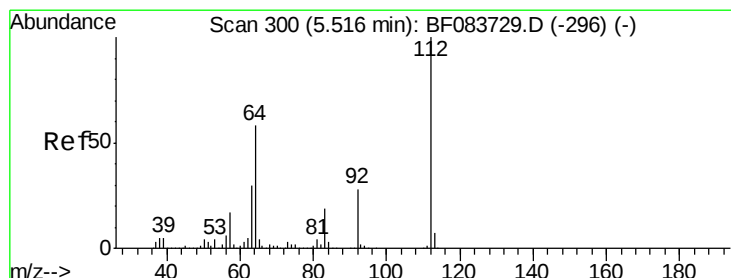
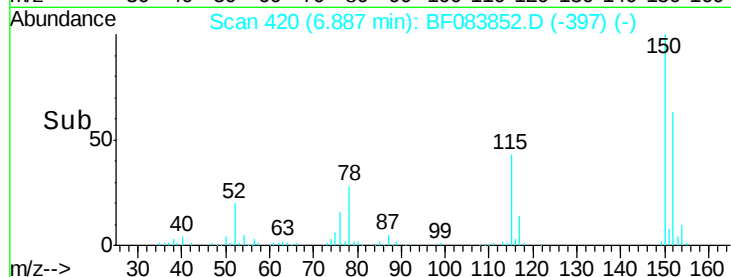
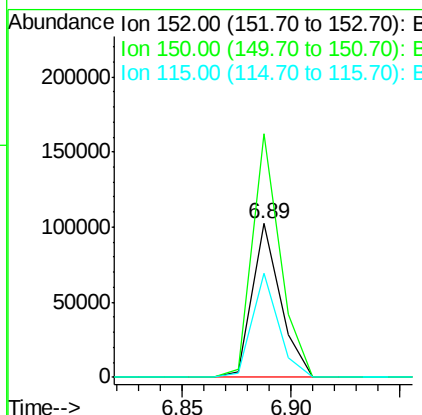
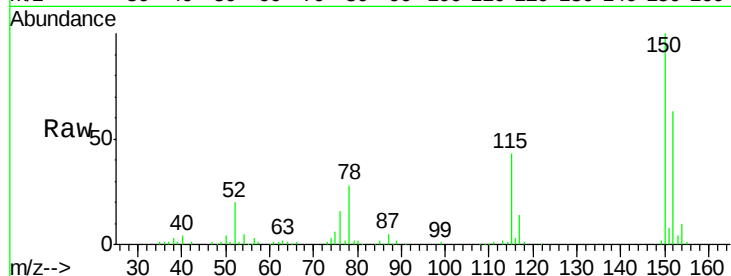




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

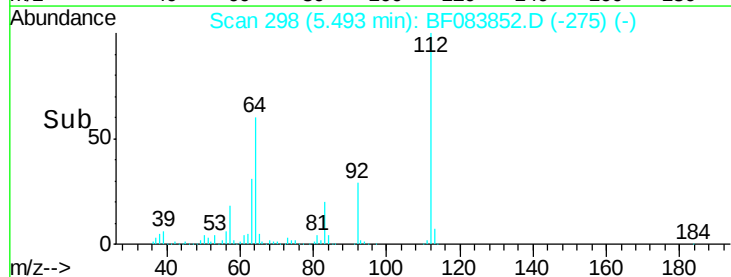
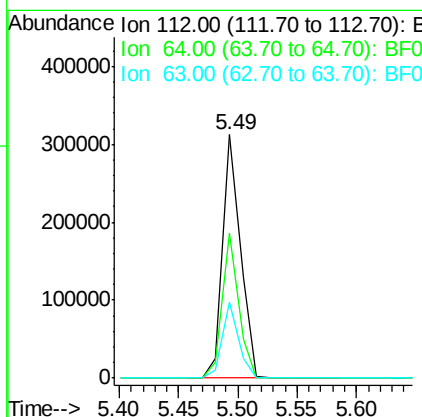
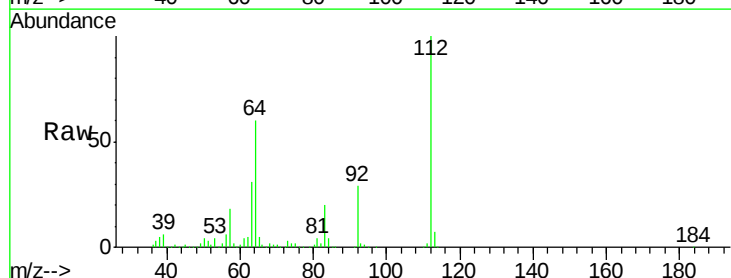
Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

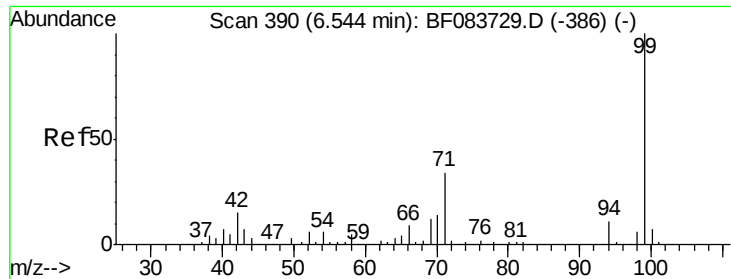
Tgt Ion:152 Resp: 91733
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.5 189.7
 115 68.1 52.3 78.5



#5
 2-Fluorophenol
 Concen: 56.92 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion:112 Resp: 323683
 Ion Ratio Lower Upper
 112 100
 64 59.6 50.5 75.7
 63 31.0 25.8 38.6





#7

Phenol-d6

Concen: 41.64 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

Instrument :

BNA_F

ClientSampleId :

MW-03-121115

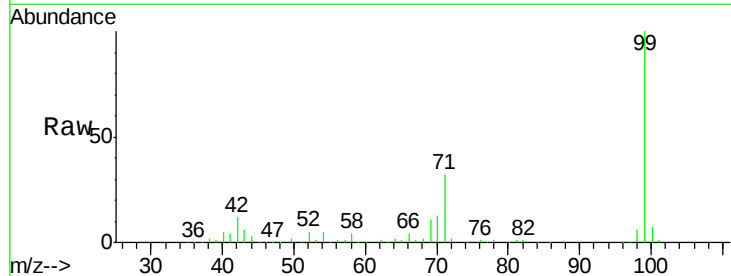
Tgt Ion: 99 Resp: 299878

Ion Ratio Lower Upper

99 100

42 11.9 17.3 25.9#

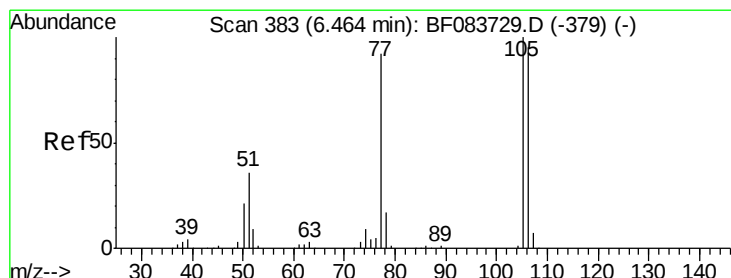
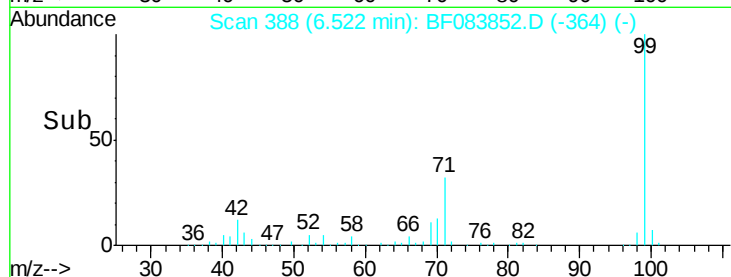
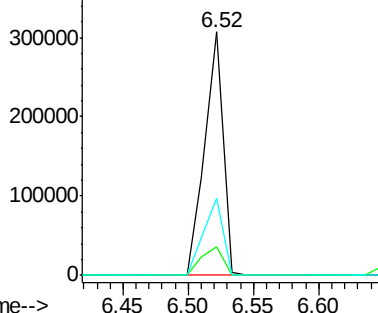
71 31.6 26.6 40.0



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: 3.43 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

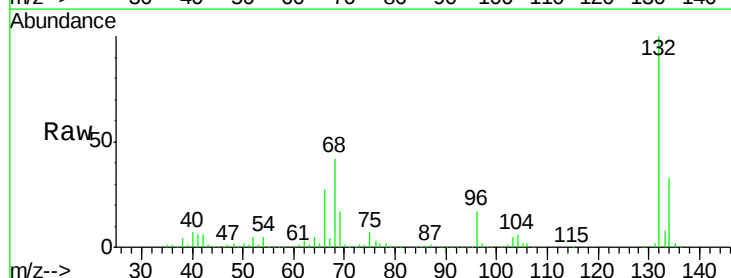
Tgt Ion: 77 Resp: 13274

Ion Ratio Lower Upper

77 100

105 84.6 71.8 111.8

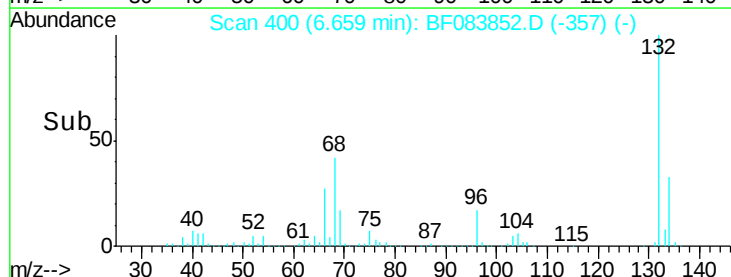
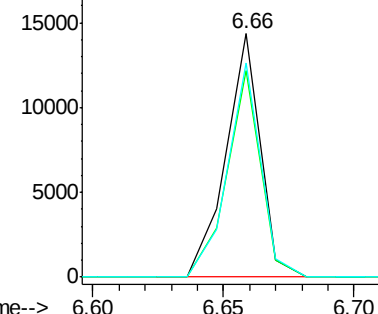
106 88.0 66.8 106.8

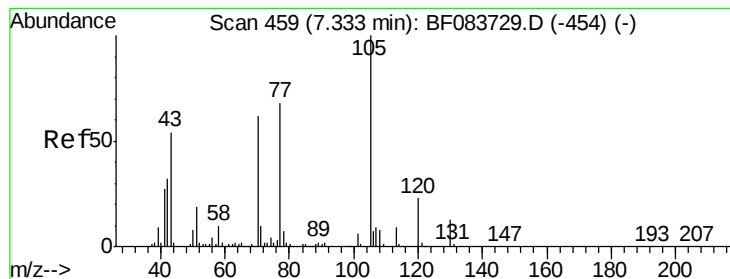


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.56 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.10 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

Instrument :

BNA_F

ClientSampleId :

MW-03-121115

Tgt Ion: 70 Resp: 77443

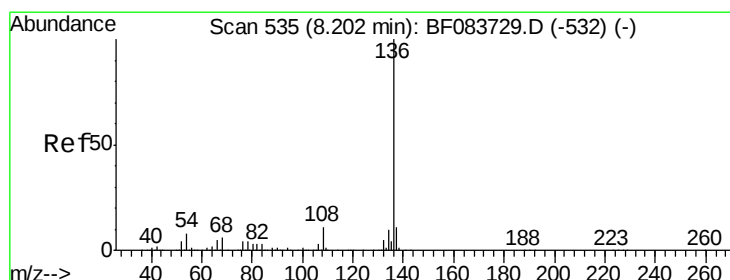
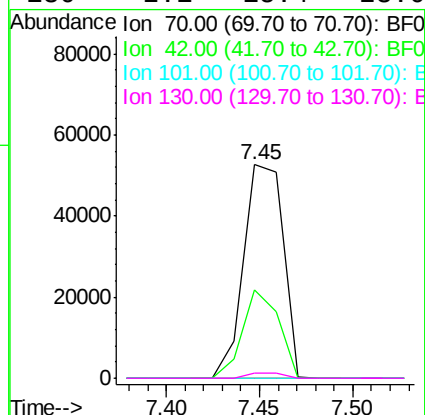
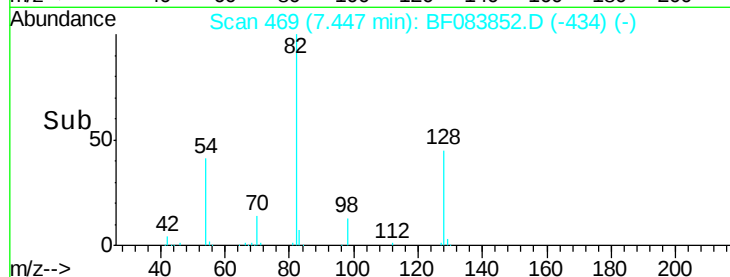
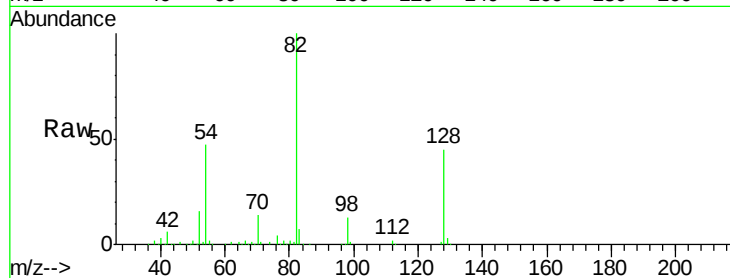
Ion Ratio Lower Upper

70 100

42 41.4 49.2 73.8#

101 0.0 7.1 10.7#

130 2.1 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

Tgt Ion: 136 Resp: 360422

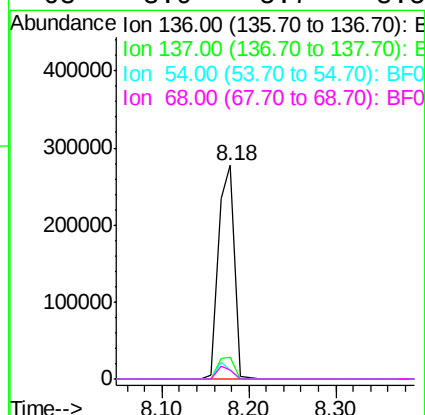
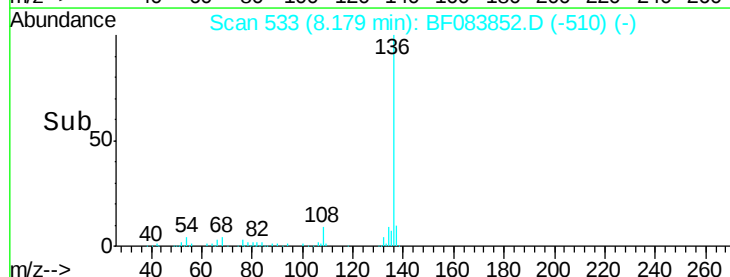
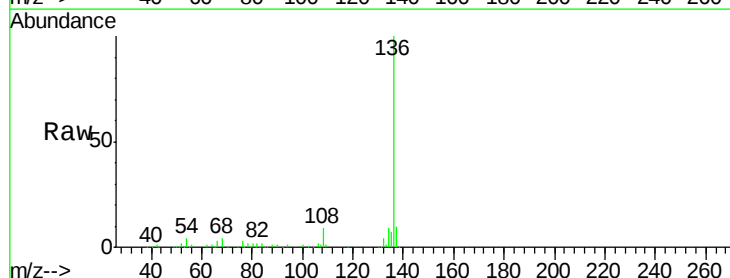
Ion Ratio Lower Upper

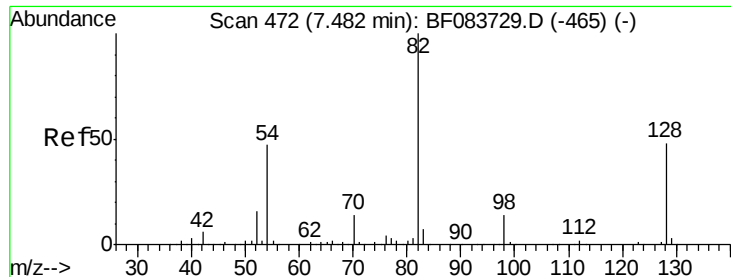
136 100

137 10.2 8.7 13.1

54 4.5 7.8 11.6#

68 3.9 5.7 8.5#

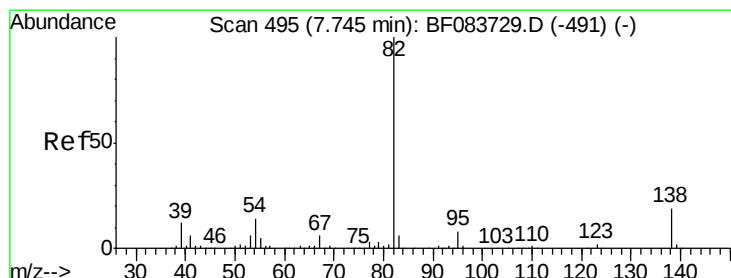
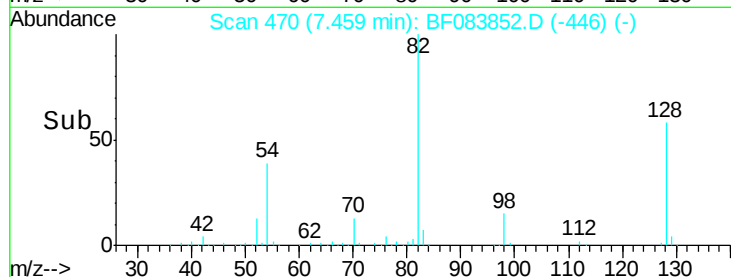
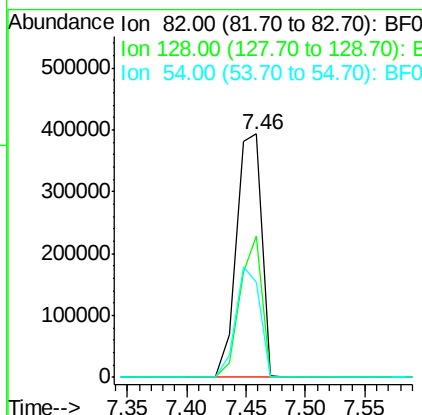
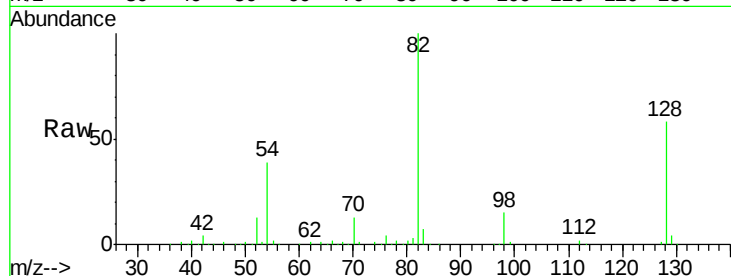




#23
 Nitrobenzene-d5
 Concen: 90.18 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

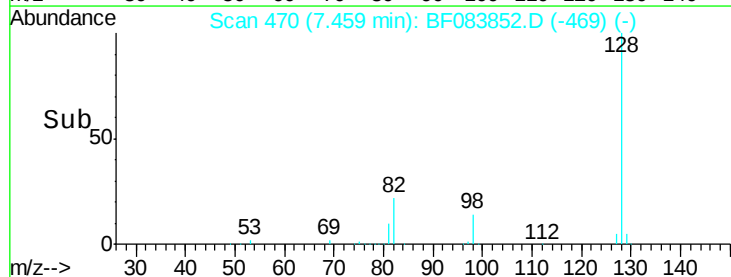
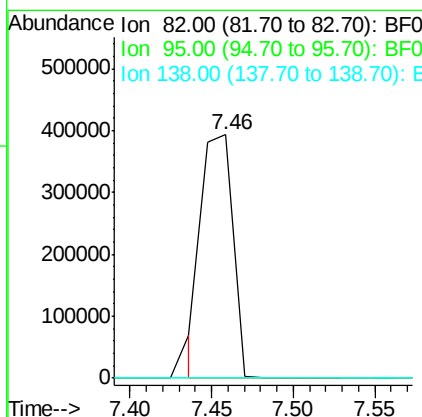
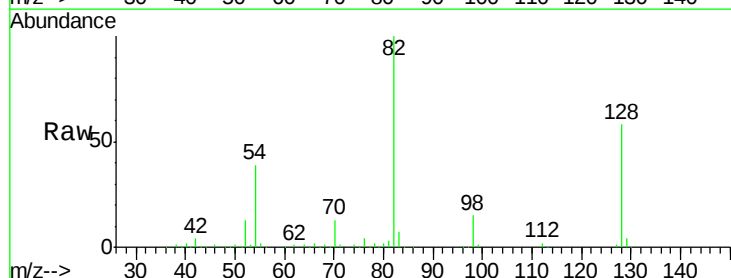
Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

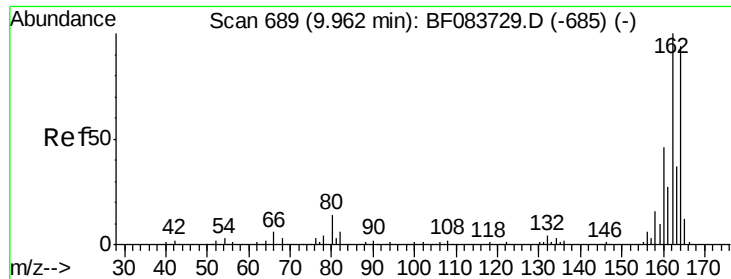
Tgt Ion: 82 Resp: 580987
 Ion Ratio Lower Upper
 82 100
 128 58.1 30.7 46.1#
 54 38.9 42.5 63.7#



#25
 Isophorone
 Concen: 42.25 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion: 82 Resp: 534052
 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: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

Instrument :

BNA_F

ClientSampleId :

MW-03-121115

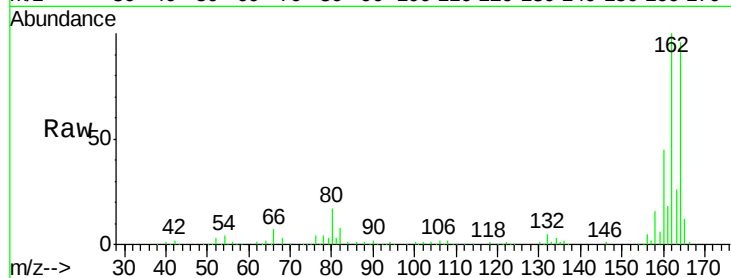
Tgt Ion:164 Resp: 184836

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

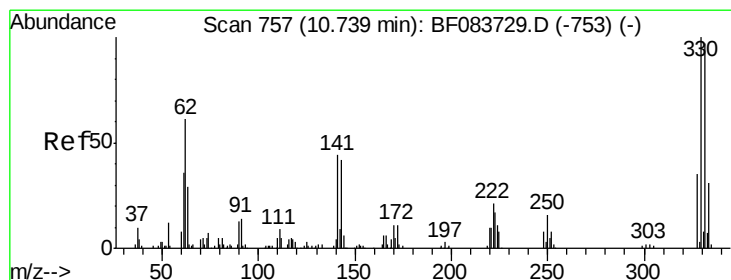
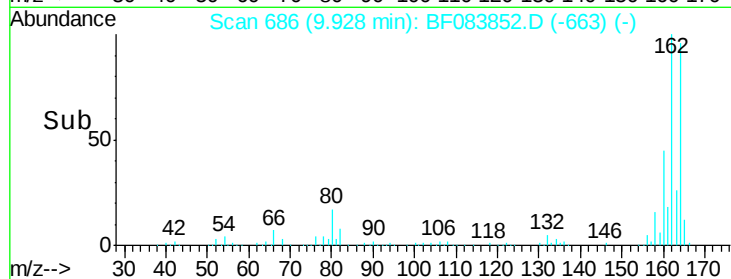
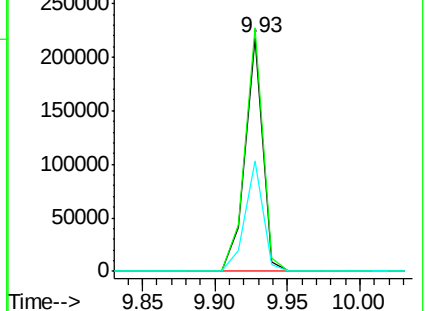
160 47.0 33.4 50.2



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: 126.13 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF083852.D

Acq: 16 Dec 2015 17:04

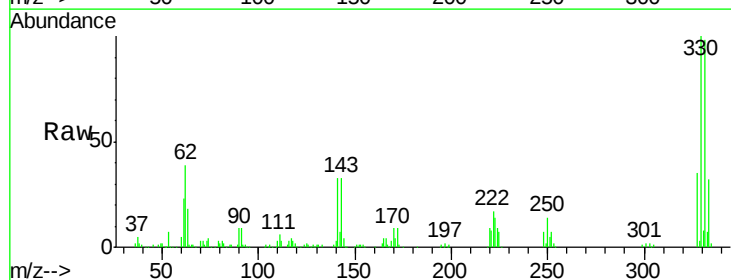
Tgt Ion:330 Resp: 237553

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

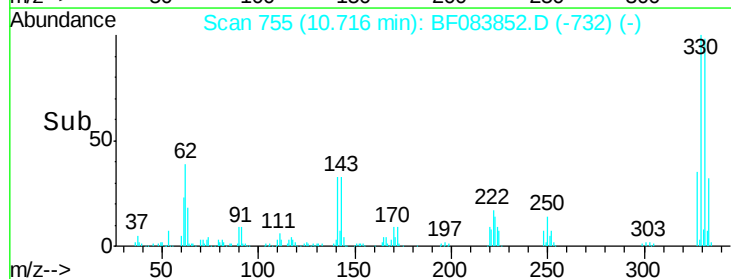
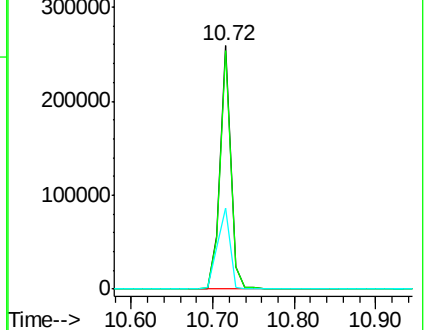
141 39.1 0.0 0.0#

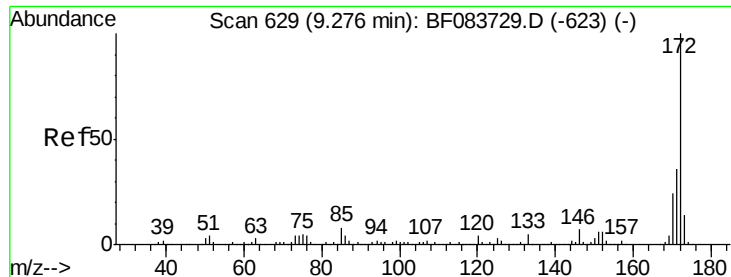


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

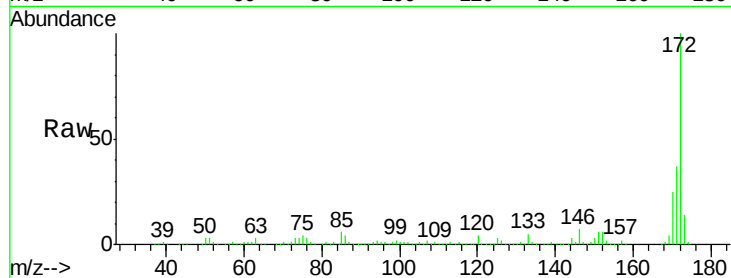




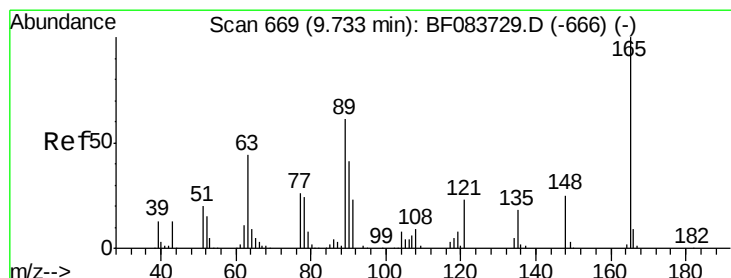
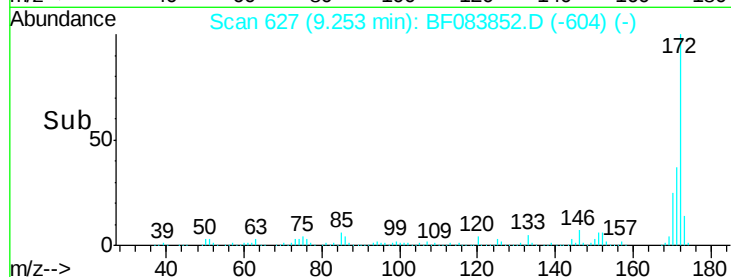
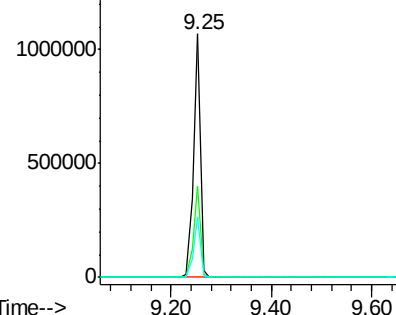
#44
 2-Fluorobiphenyl
 Concen: 78.51 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

Tgt Ion:172 Resp: 1013651
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.8 19.4 29.0

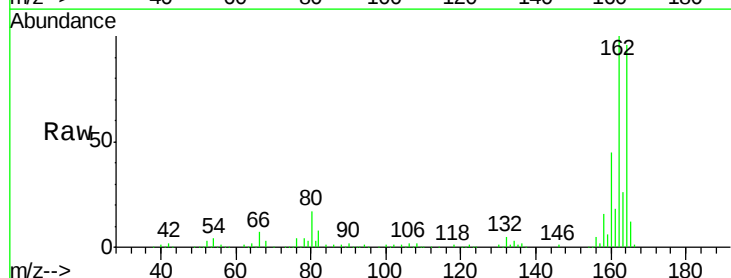


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

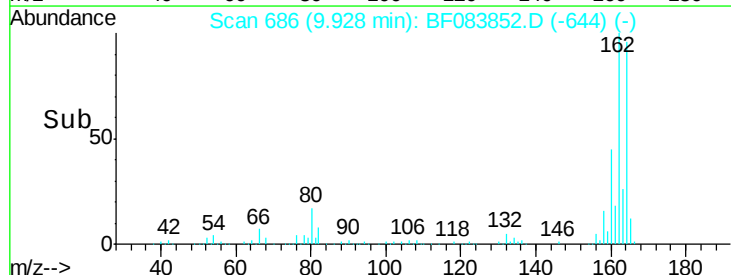
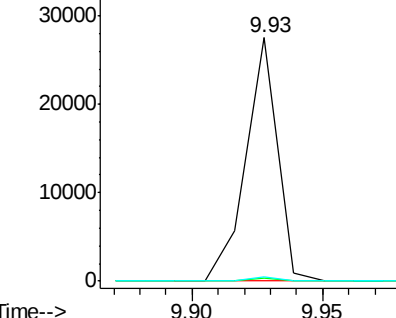


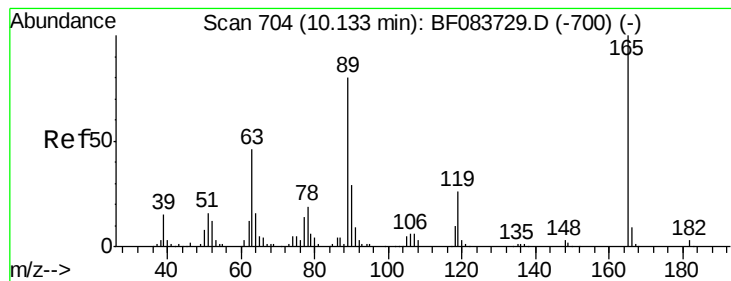
#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.18 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion:165 Resp: 23419
 Ion Ratio Lower Upper
 165 100
 63 1.3 56.9 85.3#
 89 1.6 52.1 78.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

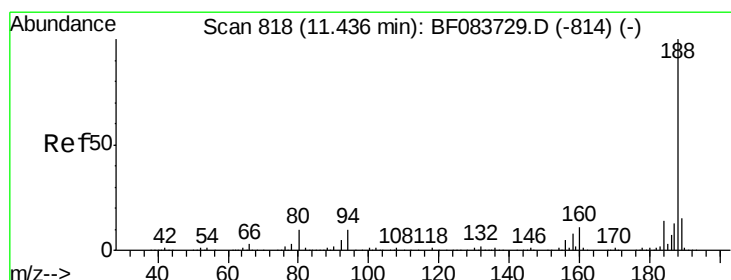
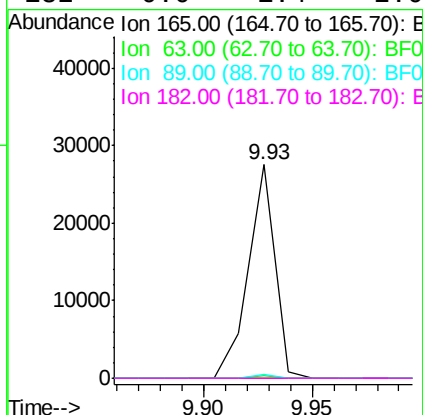
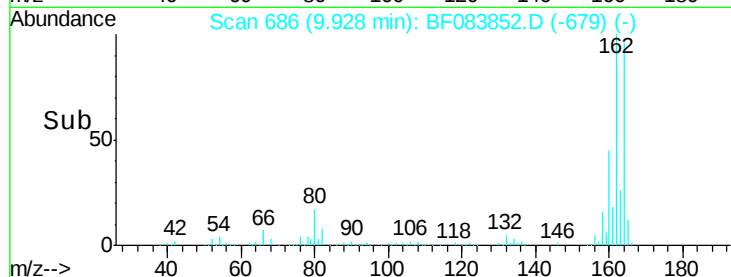
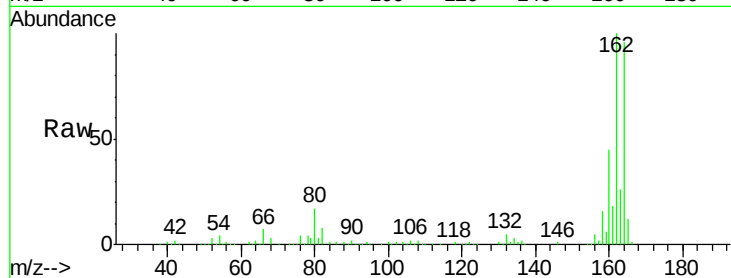




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.22 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

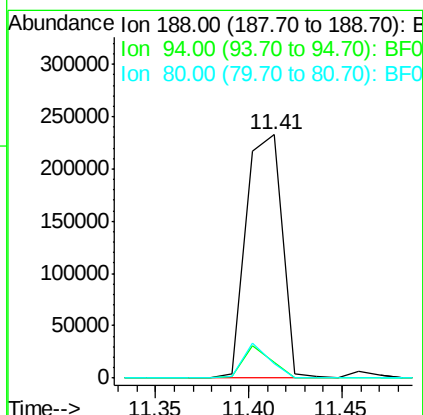
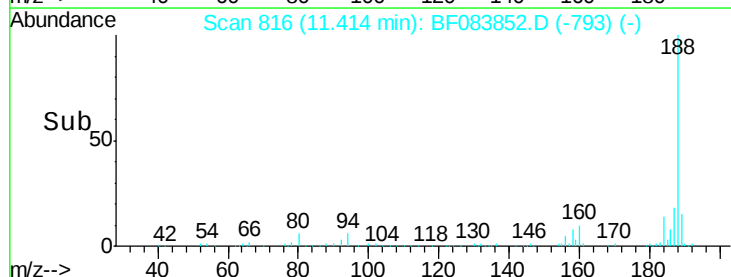
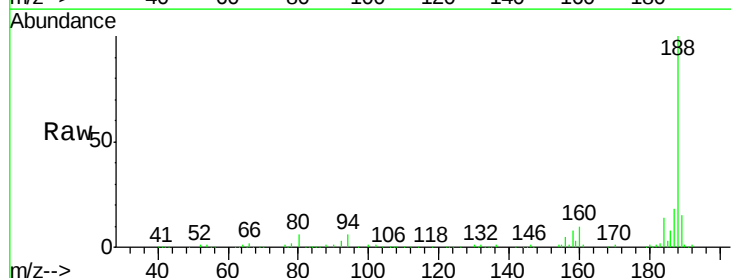
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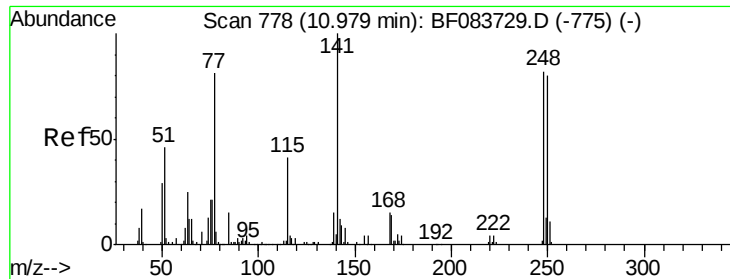
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.4	77.2#
89	1.6	72.6	108.8#
182	0.0	1.4	2.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.4	14.2#
80	6.2	10.6	16.0#

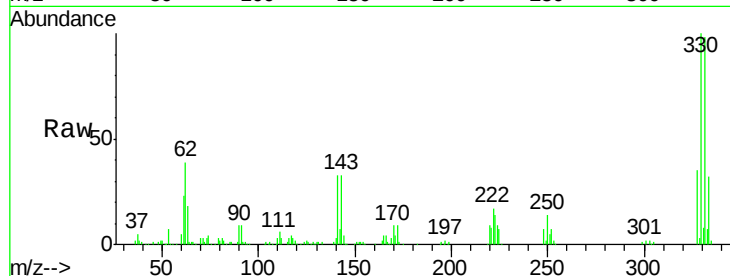




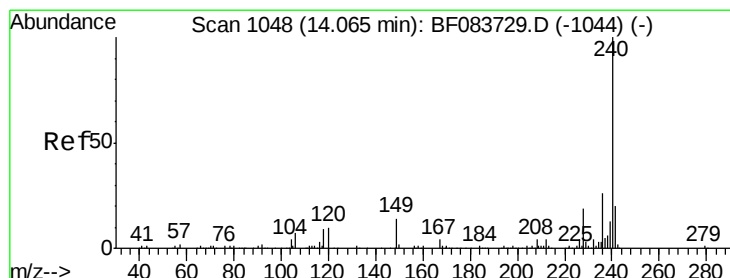
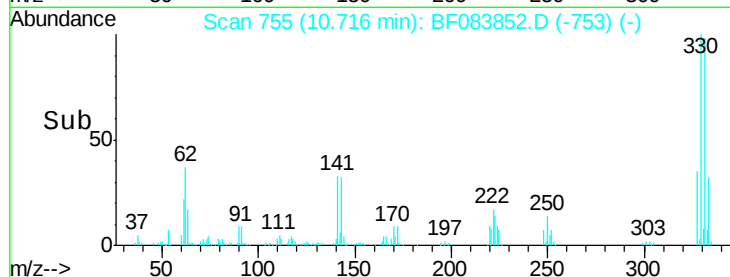
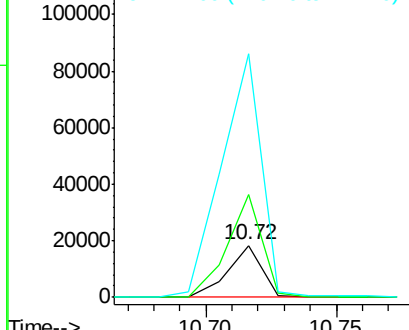
#66
 4-Bromophenyl-phenylether
 Concen: 4.79 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

Tgt Ion:248 Resp: 16883
 Ion Ratio Lower Upper
 248 100
 250 198.6 79.2 118.8#
 141 471.4 58.2 87.4#

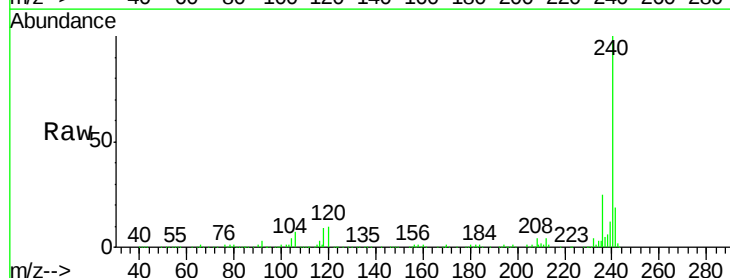


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

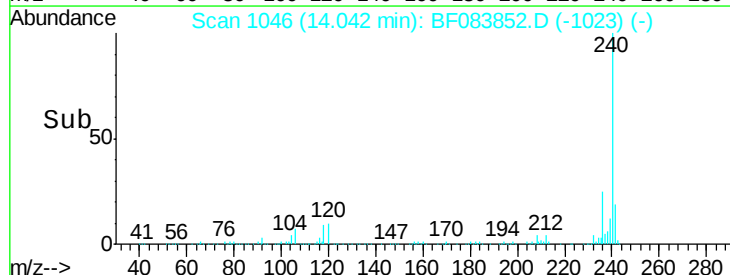
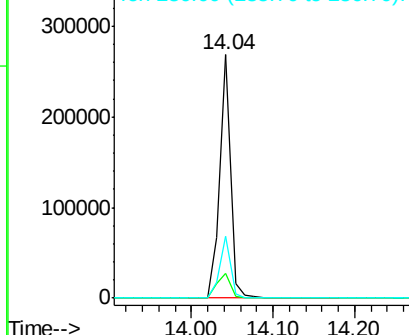


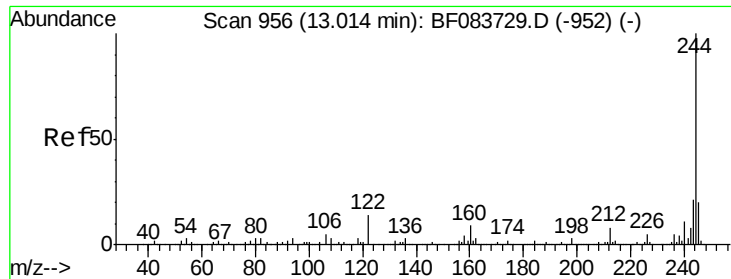
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion:240 Resp: 246966
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 25.5 20.8 31.2



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

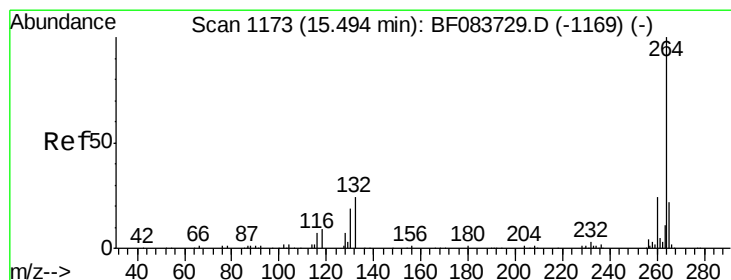
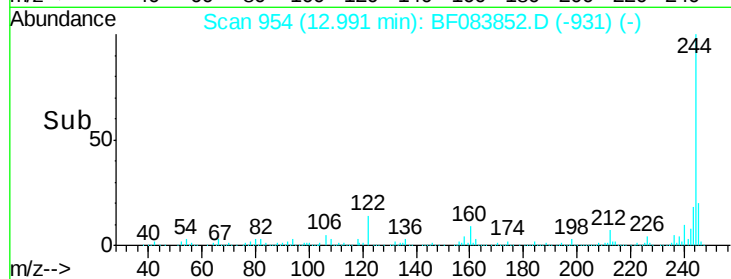
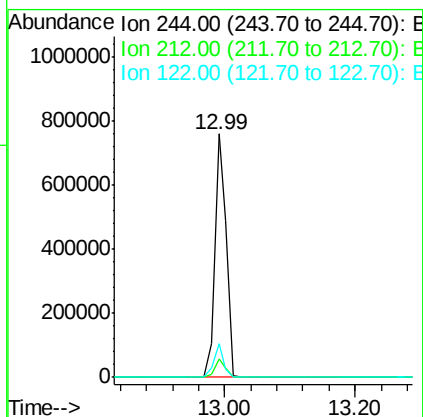
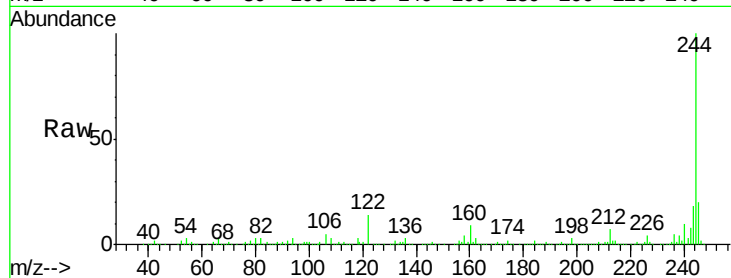




#78
 Terphenyl-d14
 Concen: 81.65 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-121115

Tgt Ion:244 Resp: 937486
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.9 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083852.D
 Acq: 16 Dec 2015 17:04

Tgt Ion:264 Resp: 176090
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 20.8 17.8 26.6

