

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082136.D
 Acq On : 8 Oct 2015 19:40
 Operator : UM/IZ
 Sample : G3960-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 09 05:11:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

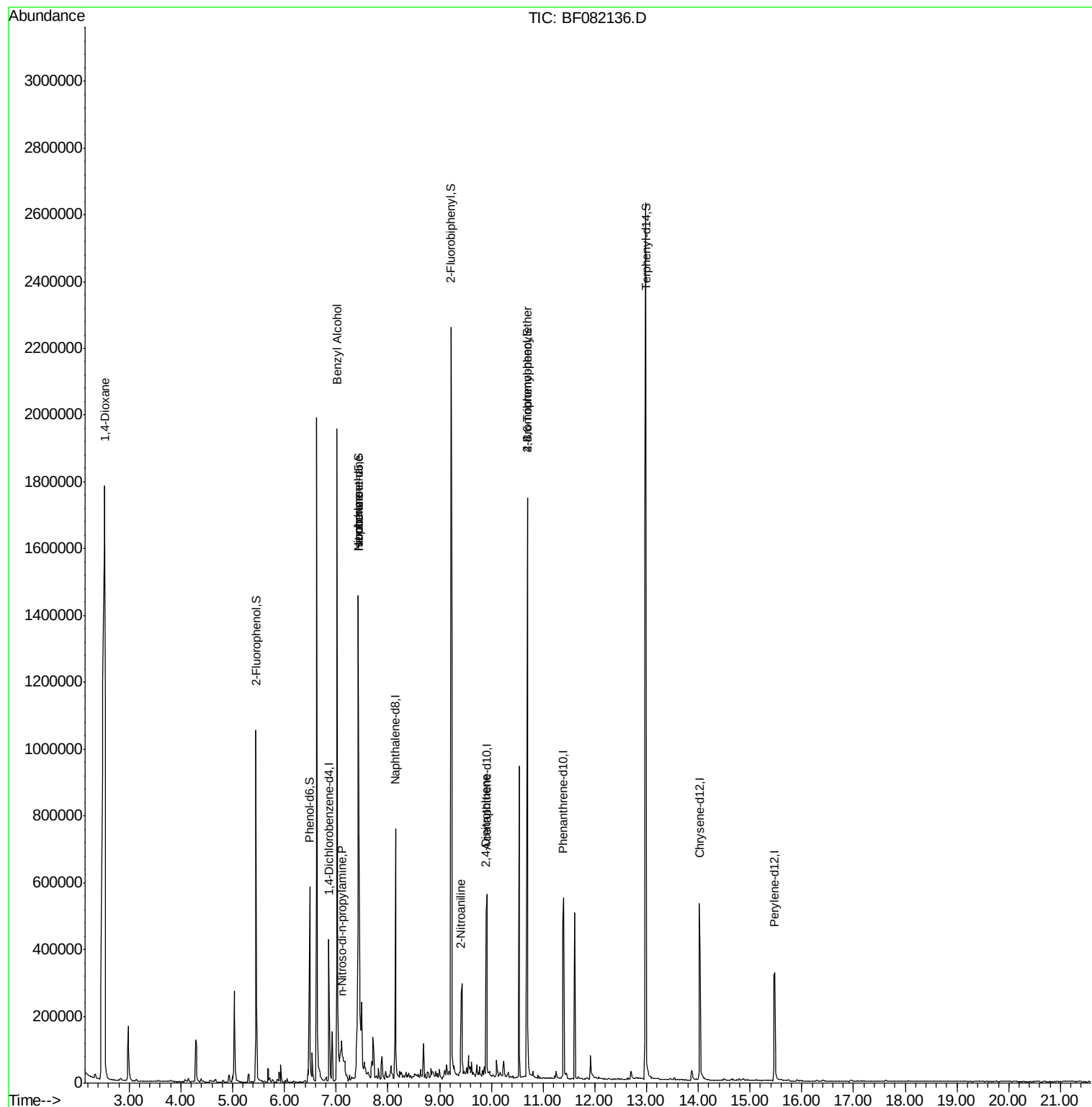
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83314	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	340522	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	165496	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	325457	20.00	ng	0.00
75) Chrysene-d12	14.02	240	295749	20.00	ng	-0.02
86) Perylene-d12	15.48	264	220418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	298931	65.13	ng	0.00
7) Phenol-d6	6.49	99	258680	44.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	464859	91.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	233289	139.19	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	973623	102.50	ng	-0.01
78) Terphenyl-d14	12.98	244	1118061	157.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.53	88	2238834	1121.71	ng	Qvalue 84
15) Benzyl Alcohol	7.02	79	8475	2.03	ng	# 33
18) Hexachloroethane	7.43	117	6487	3.31	ng	# 14
19) n-Nitroso-di-n-propylamine	7.11	70	9499	2.71	ng	# 60
25) Isophorone	7.43	82	396556	39.17	ng	# 58
47) 2-Nitroaniline	9.42	65	8464	2.88	ng	# 7
56) 2,4-Dinitrotoluene	9.90	165	20499	6.48	ng	# 35
57) Fluorene	10.24	166	1112	Below Cal		# 12
66) 4-Bromophenyl-phenylether	10.70	248	16304	4.97	ng	# 1
70) Phenanthrene	11.42	178	220	Below Cal		# 62
73) Di-n-butylphthalate	11.96	149	3095	Below Cal		# 88

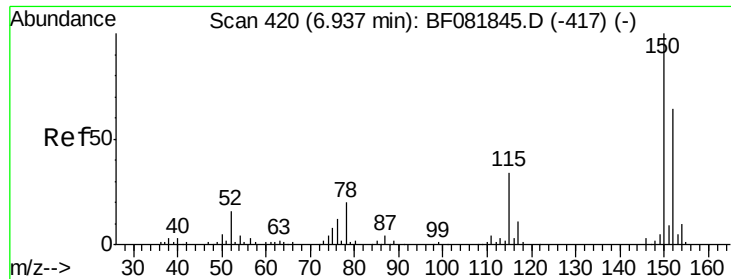
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

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ClientSampleId :

MW-1

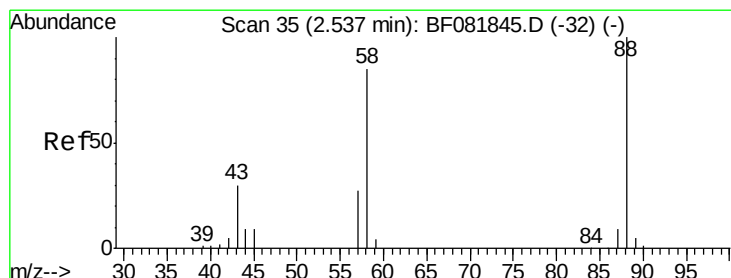
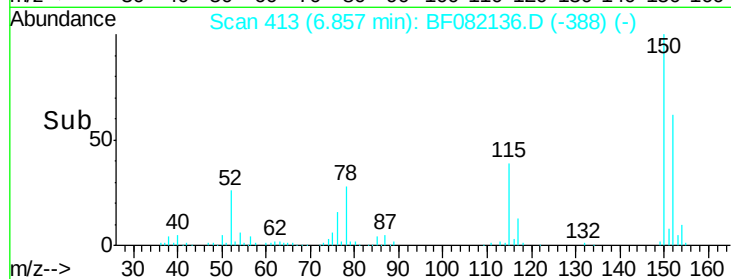
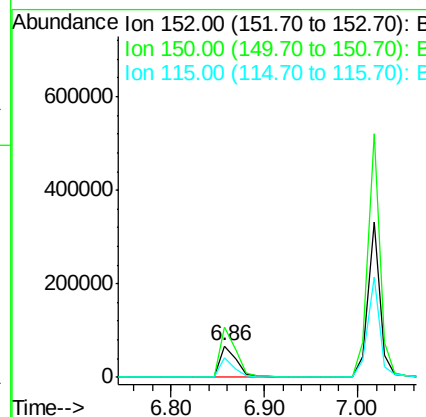
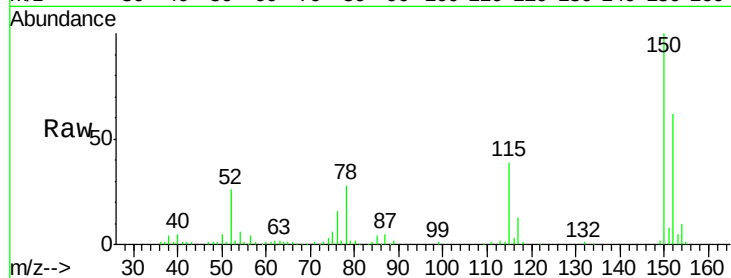
Tot Ion:152 Resp: 83314

Ion Ratio Lower Upper

152 100

150 161.4 124.7 187.1

115 63.3 39.0 58.4#



#2

1,4-Dioxane

Concen: 1121.71 ng

RT: 2.53 min Scan# 34

Delta R.T. 0.10 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

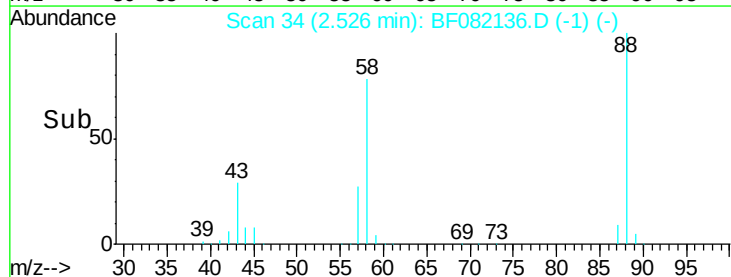
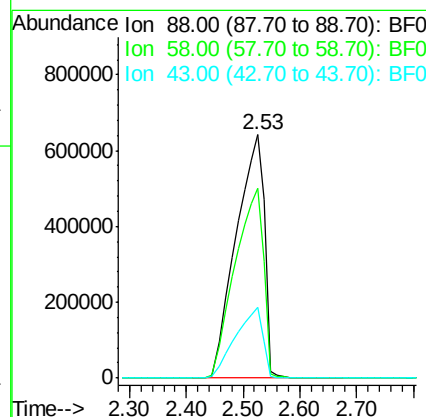
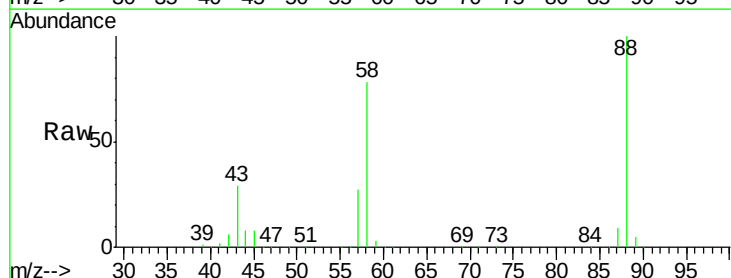
Tgt Ion: 88 Resp: 2238834

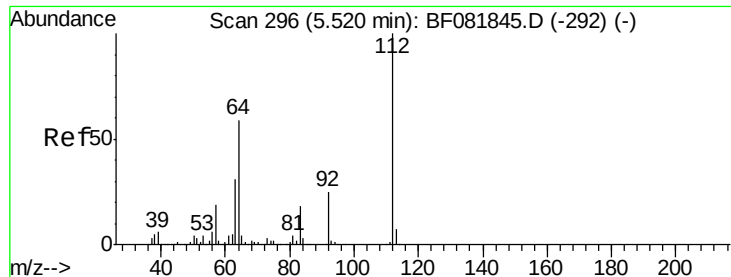
Ion Ratio Lower Upper

88 100

58 79.2 77.7 116.5

43 28.2 26.6 40.0





#5

2-Fluorophenol

Concen: 65.13 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

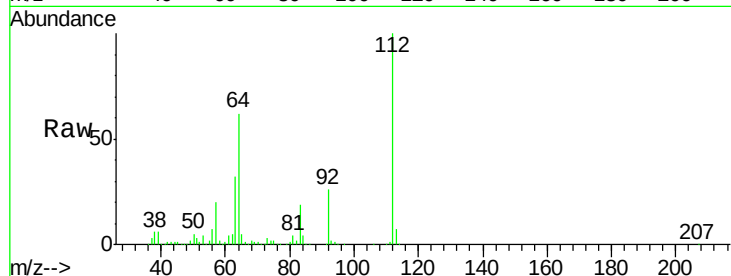
Tot Ion:112 Resp: 298931

Ion Ratio Lower Upper

112 100

64 62.4 39.7 59.5#

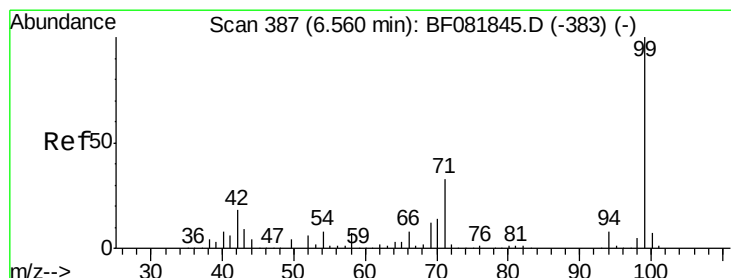
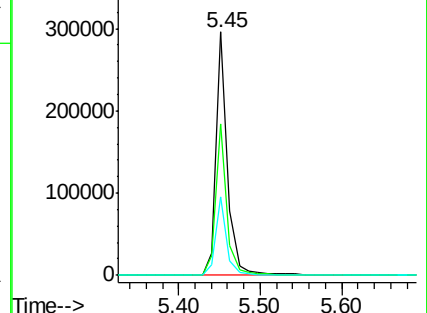
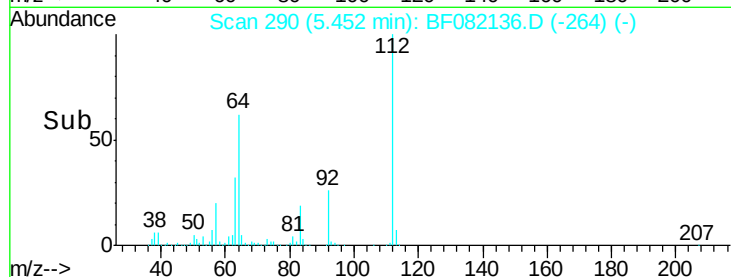
63 32.4 17.4 26.0#



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: 44.79 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

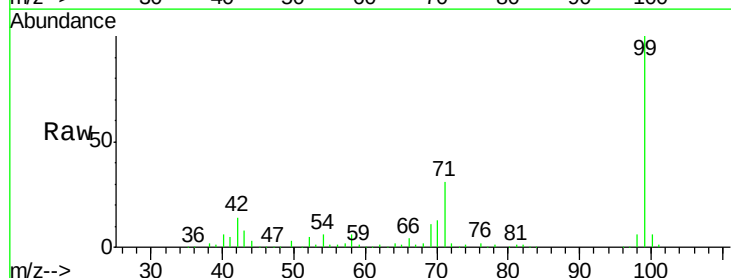
Tgt Ion: 99 Resp: 258680

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

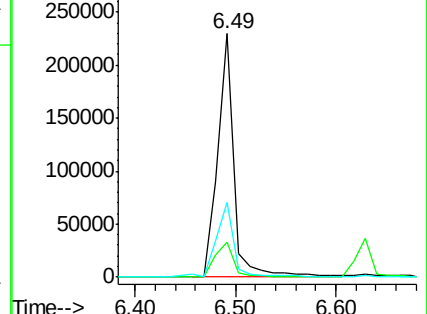
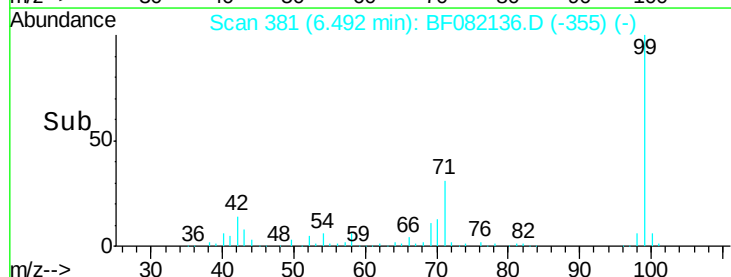
71 30.9 14.2 21.2#

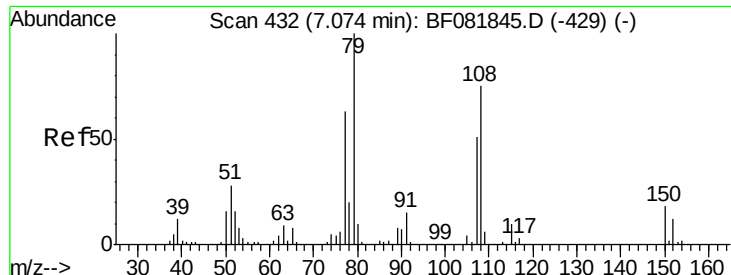


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

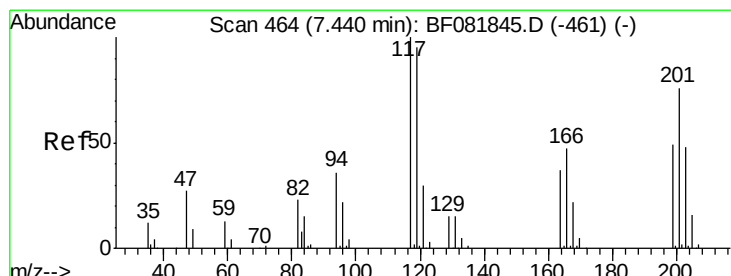
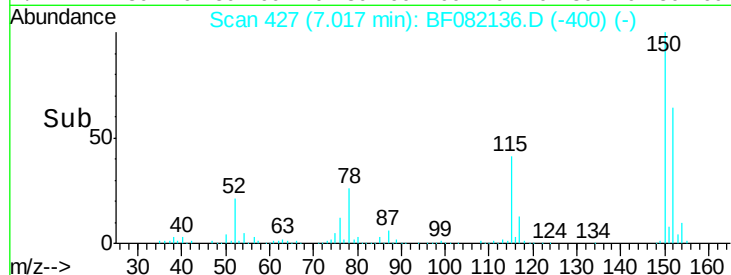
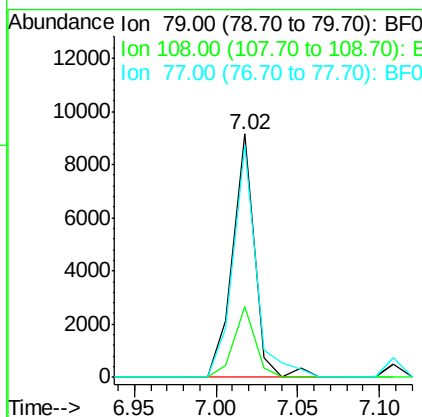
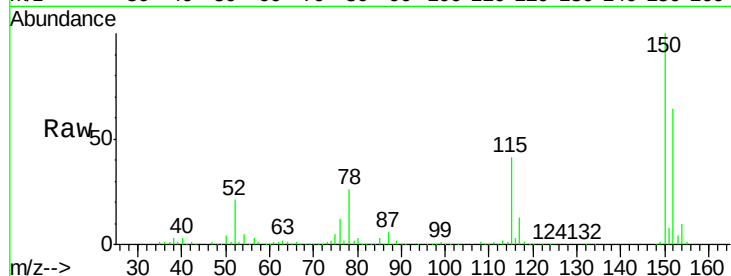




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

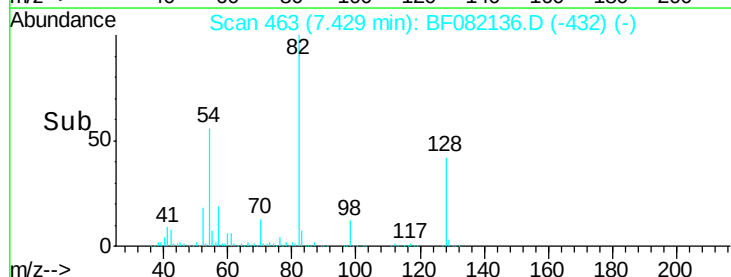
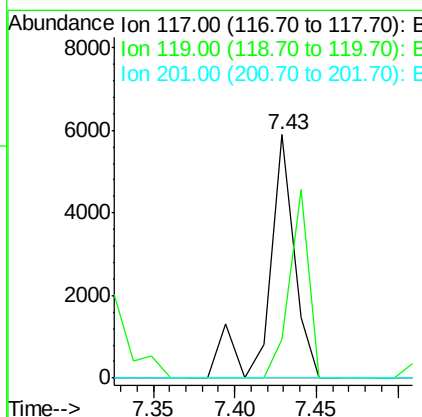
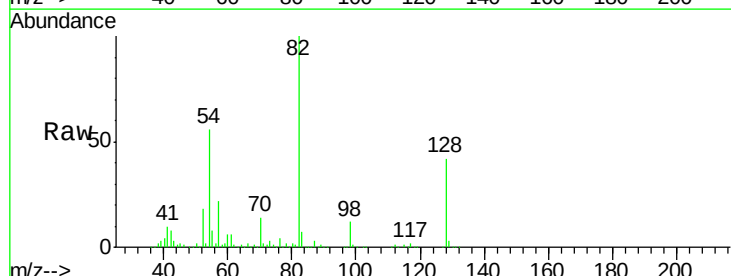
Instrument :
BNA_F
ClientSampled :
MW-1

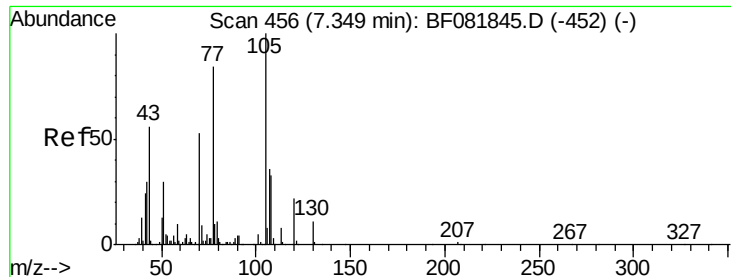
Tot Ion: 79 Resp: 8475
Ion Ratio Lower Upper
79 100
108 29.3 88.6 132.8#
77 95.6 47.0 70.4#



#18
Hexachloroethane
Concen: 3.31 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.06 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

Tgt Ion: 117 Resp: 6487
Ion Ratio Lower Upper
117 100
119 15.9 83.8 125.6#
201 0.0 55.1 82.7#

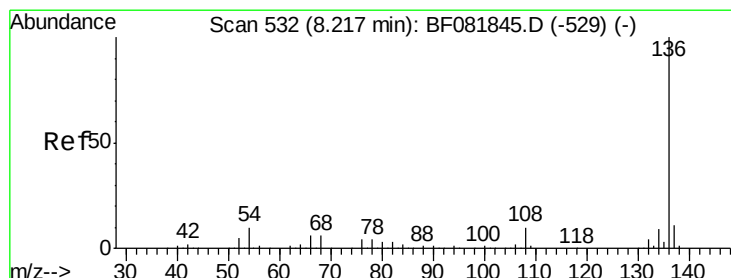
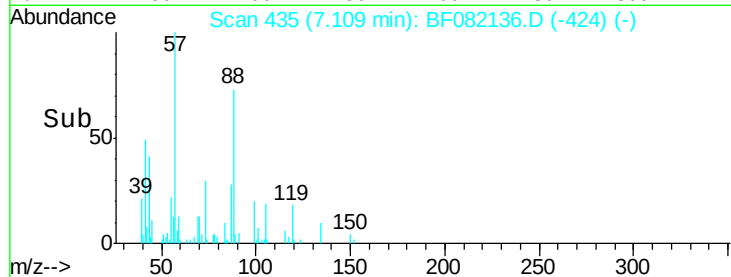
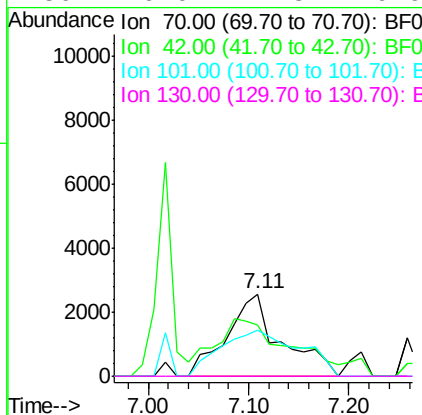
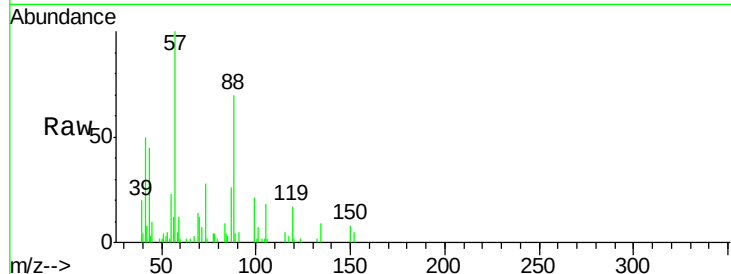




#19
n-Nitroso-di-n-propylamine
Concen: 2.71 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.17 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

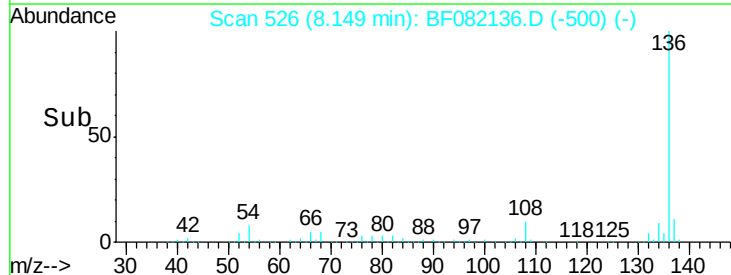
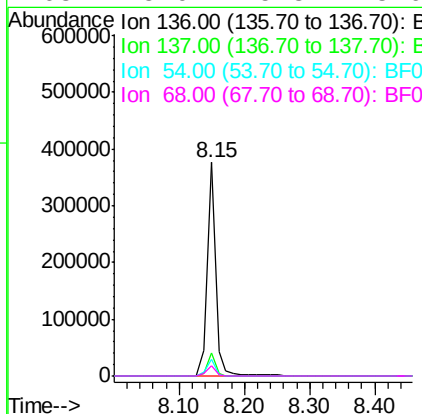
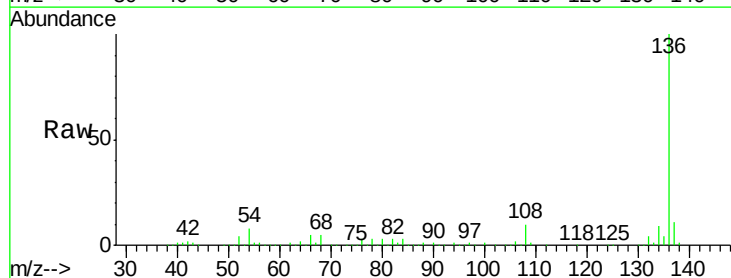
Instrument :
BNA_F
ClientSampled :
MW-1

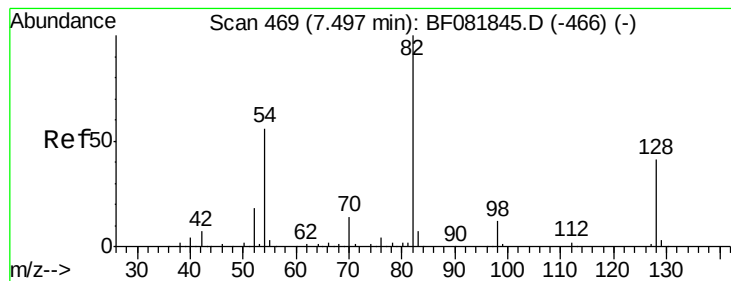
Tot Ion: 70 Resp: 9499
Ion Ratio Lower Upper
70 100
42 62.1 63.8 95.6#
101 56.6 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

Tgt Ion: 136 Resp: 340522
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.7 8.2 12.2#
68 5.0 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 91.00 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

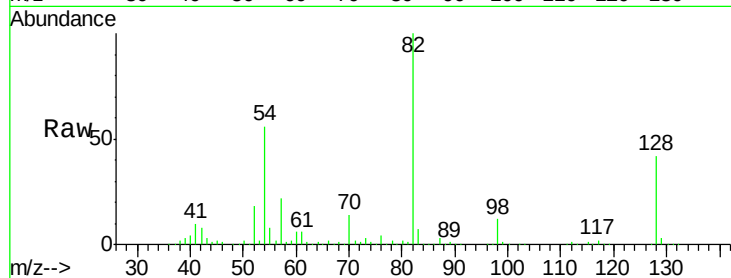
Tot Ion: 82 Resp: 464859

Ion Ratio Lower Upper

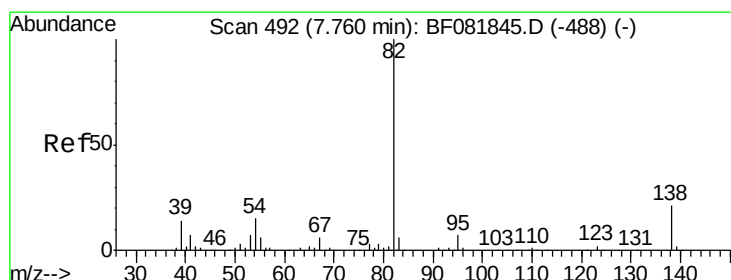
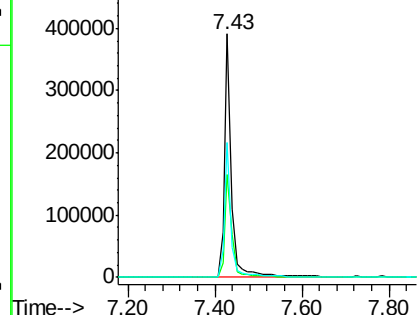
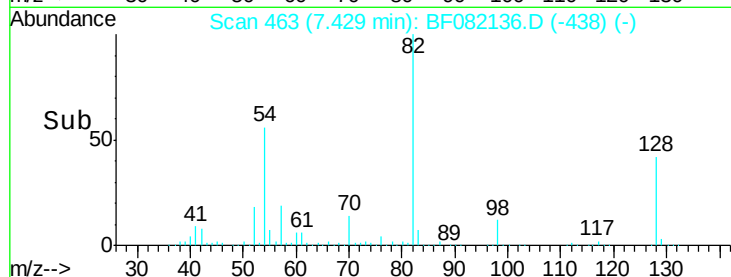
82 100

128 42.3 51.0 76.6#

54 55.6 47.5 71.3



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: 39.17 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

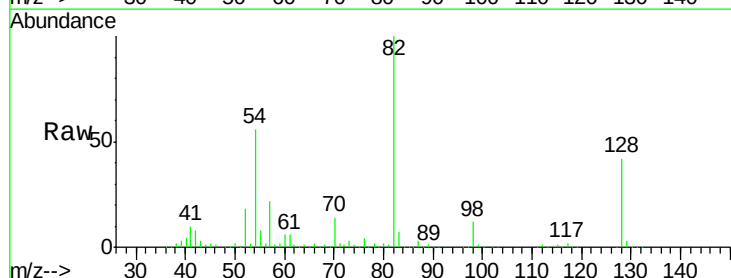
Tgt Ion: 82 Resp: 396556

Ion Ratio Lower Upper

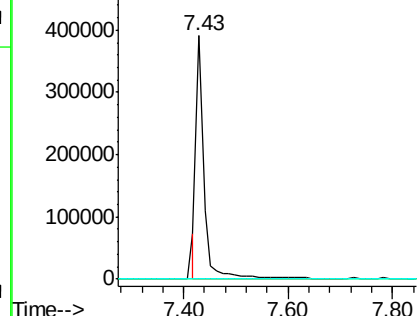
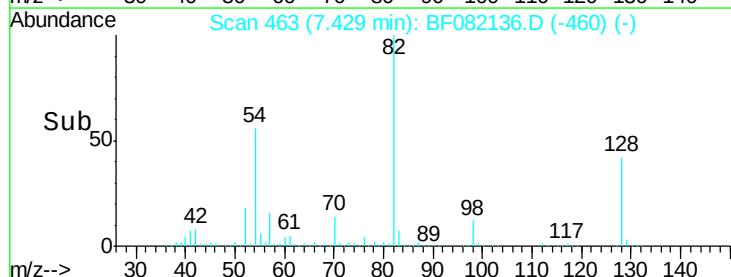
82 100

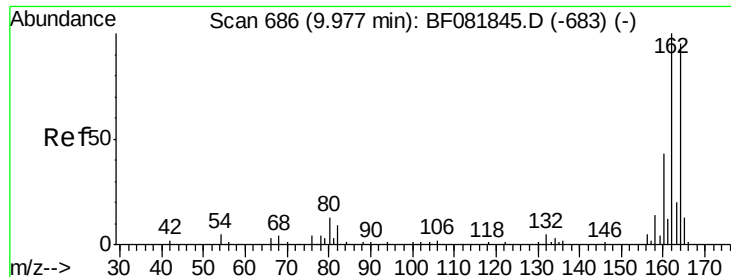
95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

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MW-1

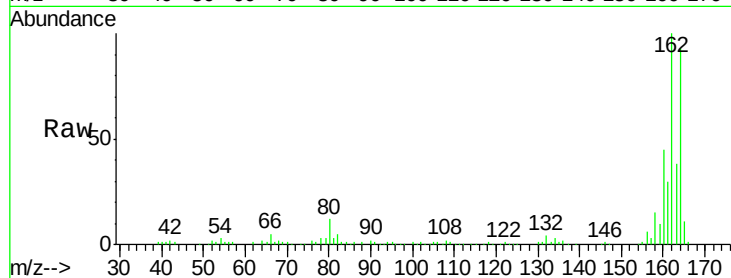
Tot Ion:164 Resp: 165496

Ion Ratio Lower Upper

164 100

162 107.4 75.2 112.8

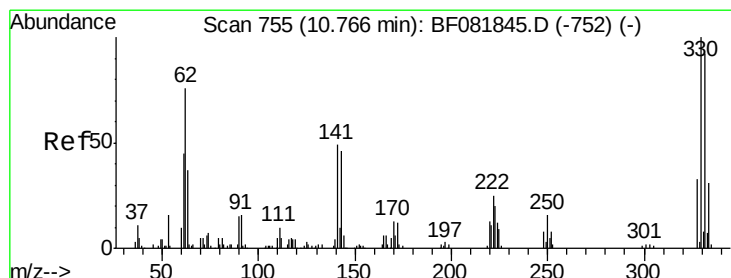
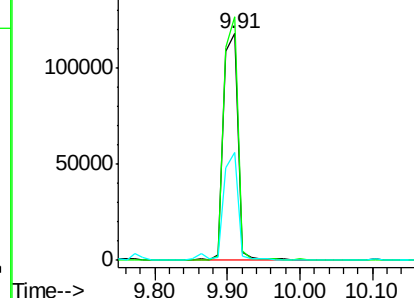
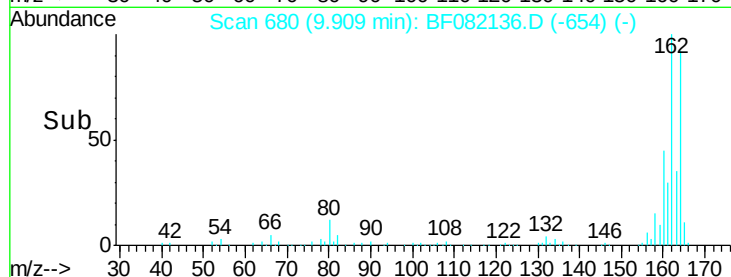
160 47.8 31.5 47.3#



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: 139.19 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

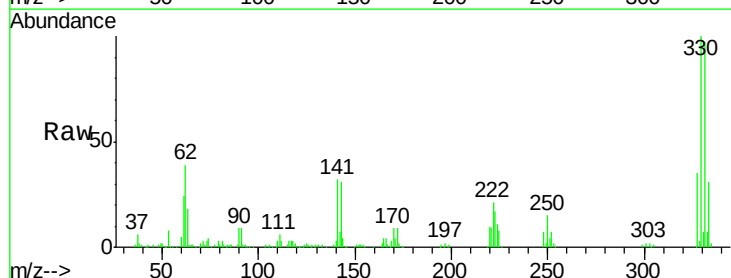
Tgt Ion:330 Resp: 233289

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

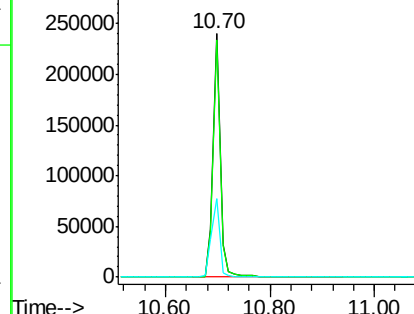
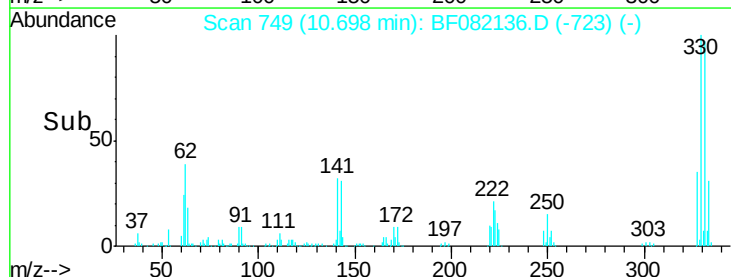
141 37.1 29.7 44.5

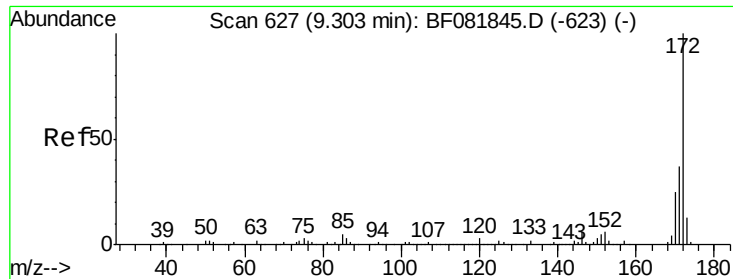


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

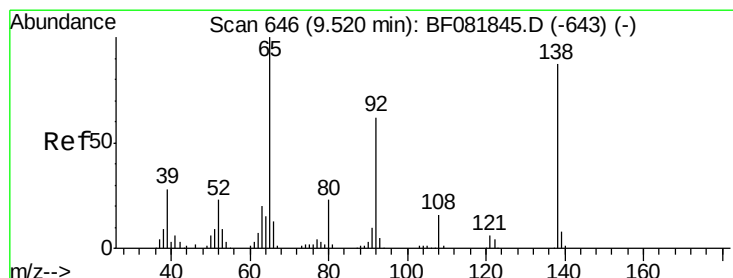
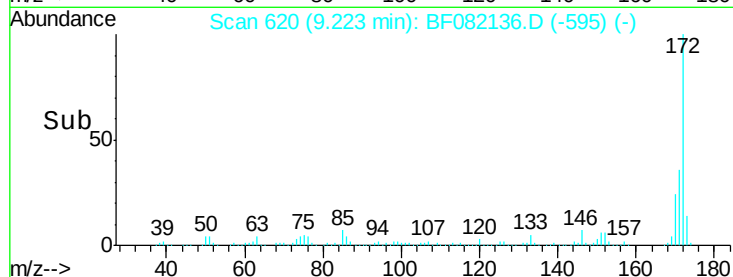
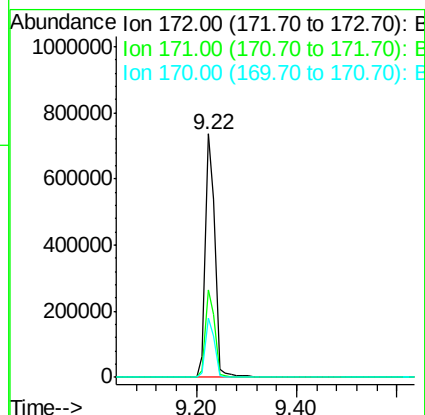
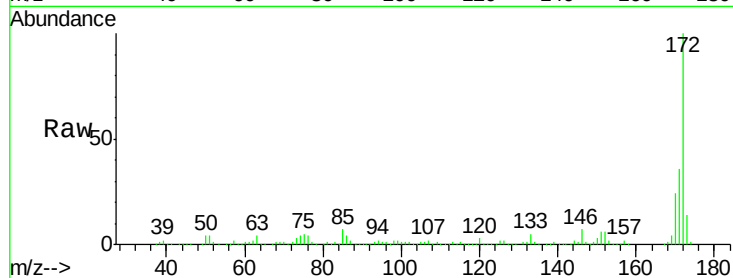




#44
 2-Fluorobiphenyl
 Concen: 102.50 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

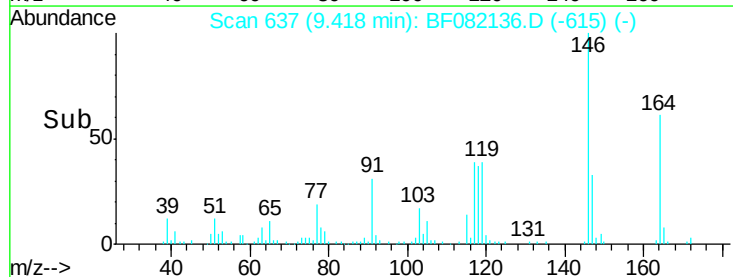
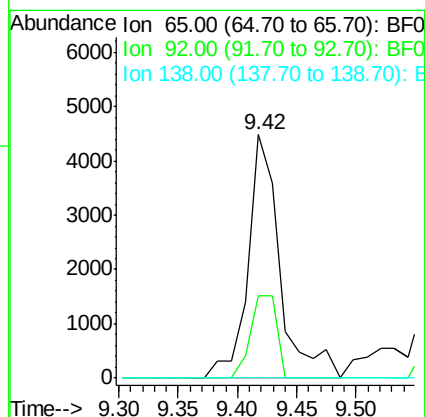
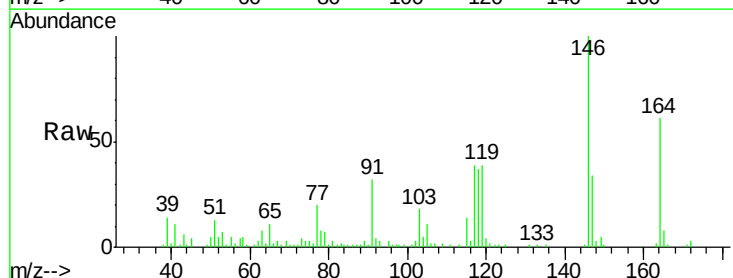
Instrument :
 BNA_F
 ClientSampled :
 MW-1

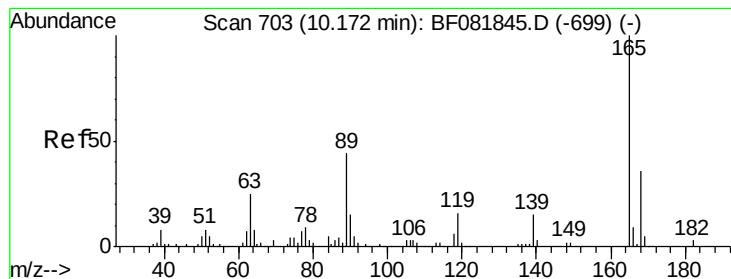
Tot Ion:172 Resp: 973623
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.3 17.4 26.2



#47
 2-Nitroaniline
 Concen: 2.88 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Tgt Ion: 65 Resp: 8464
 Ion Ratio Lower Upper
 65 100
 92 34.0 55.4 83.0#
 138 0.0 115.5 173.3#





#56

2,4-Dinitrotoluene

Concen: 6.48 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.21 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

Tot Ion:165 Resp: 20499

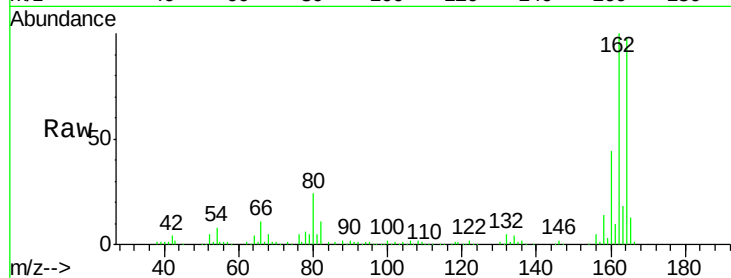
Ion Ratio Lower Upper

165 100

63 2.2 29.8 44.6#

89 2.1 44.5 66.7#

182 0.0 3.0 4.4#

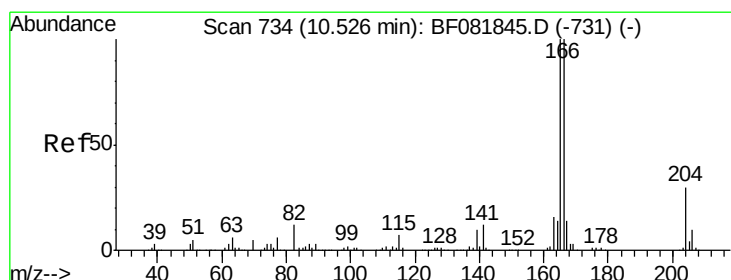
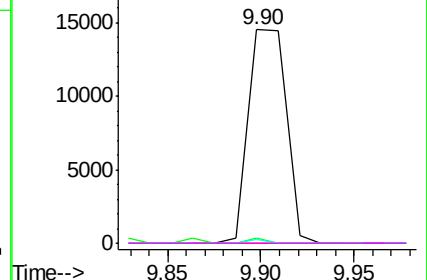
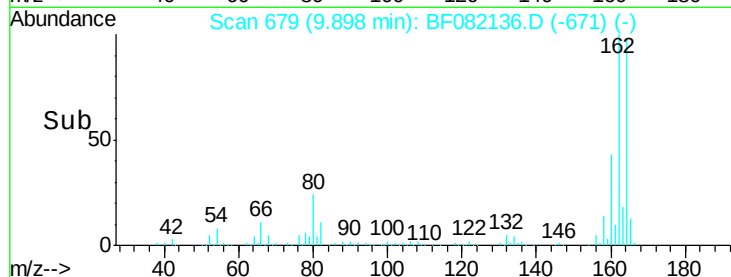


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 709

Delta R.T. -0.22 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

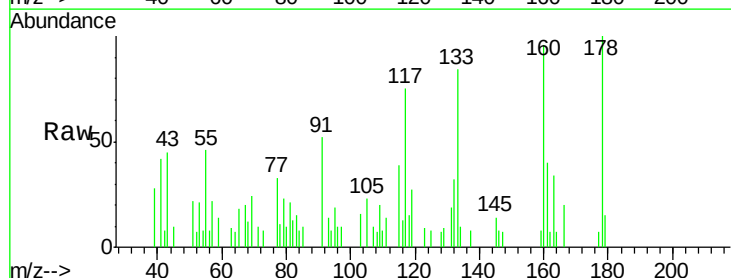
Tgt Ion:166 Resp: 1112

Ion Ratio Lower Upper

166 100

165 0.0 72.6 109.0#

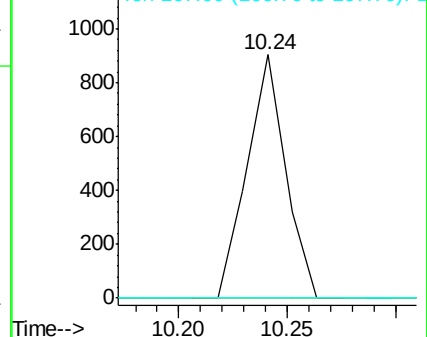
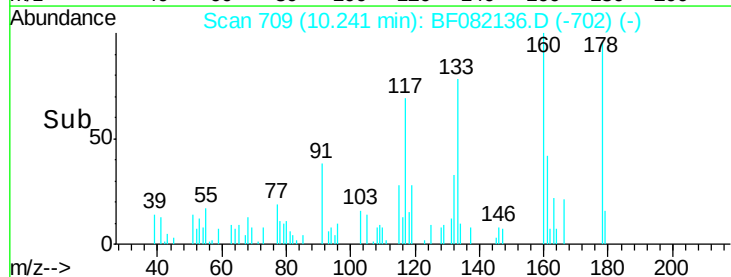
167 0.0 10.6 16.0#

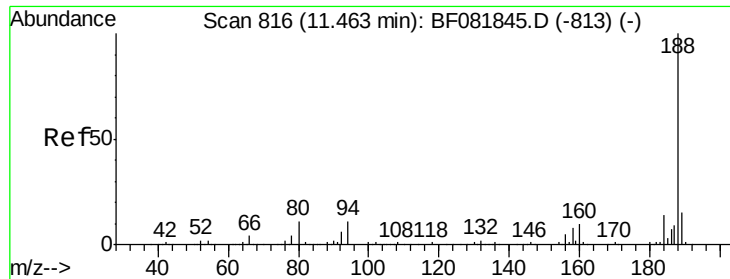


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

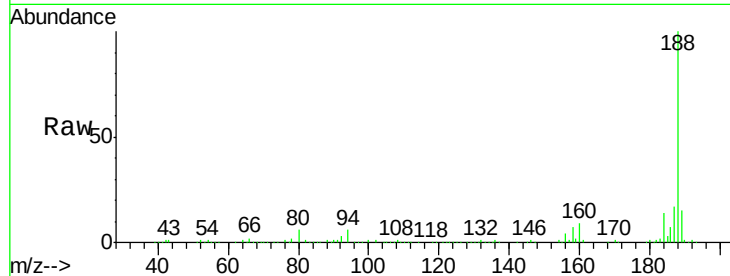




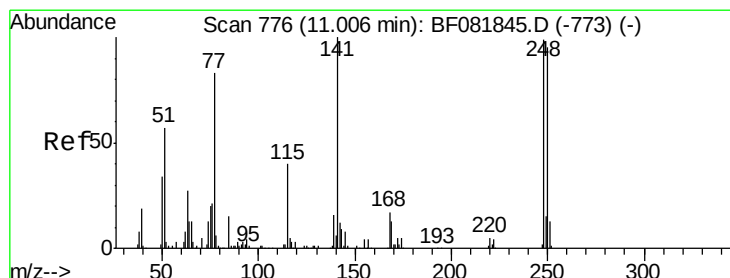
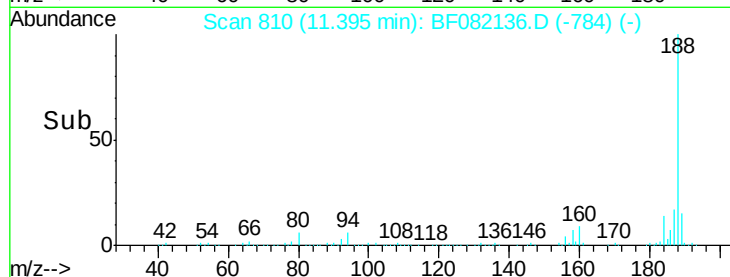
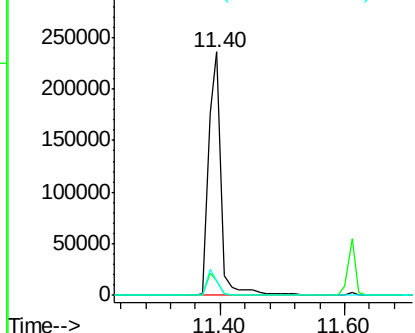
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:188 Resp: 325457
 Ion Ratio Lower Upper
 188 100
 94 5.7 11.1 16.7#
 80 5.9 11.0 16.4#

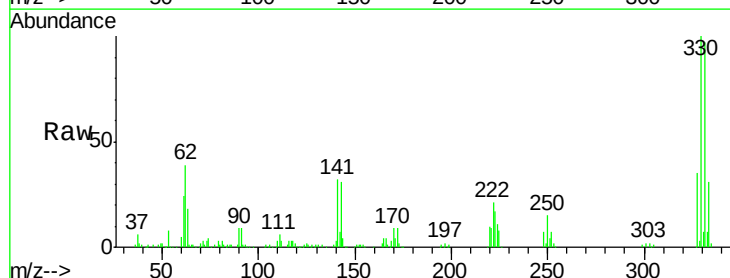


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

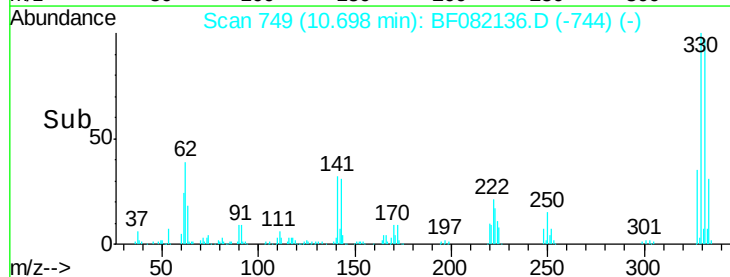
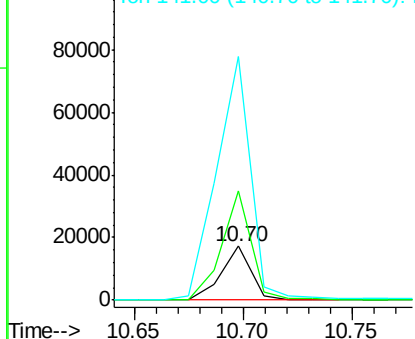


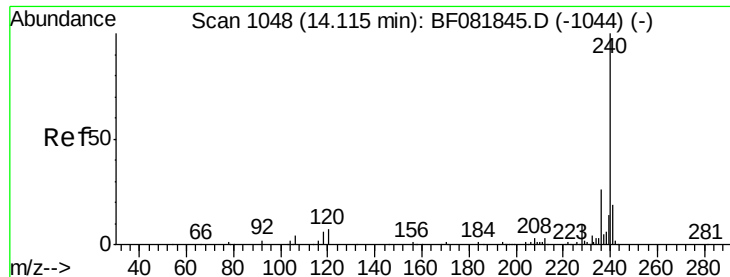
#66
 4-Bromophenyl-phenylether
 Concen: 4.97 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Tgt Ion:248 Resp: 16304
 Ion Ratio Lower Upper
 248 100
 250 202.7 78.5 117.7#
 141 450.1 59.0 88.6#



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: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

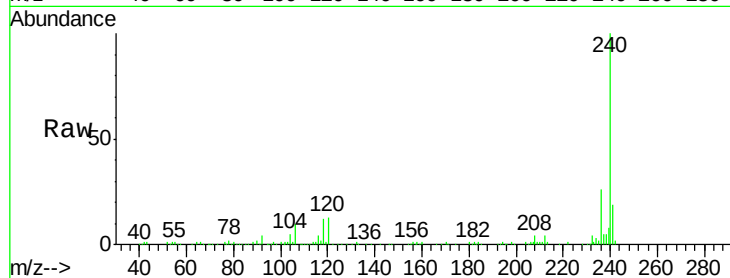
Tot Ion:240 Resp: 295749

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

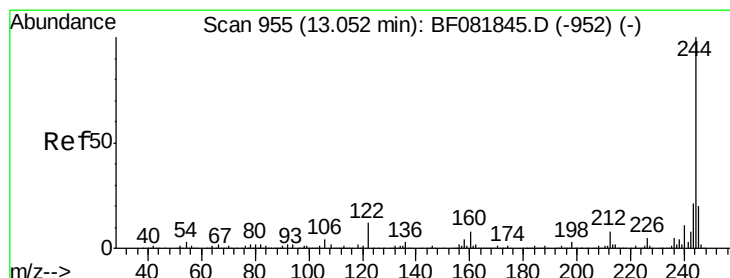
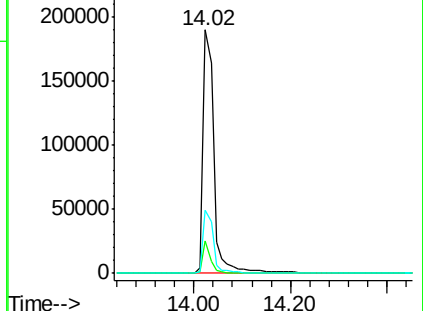
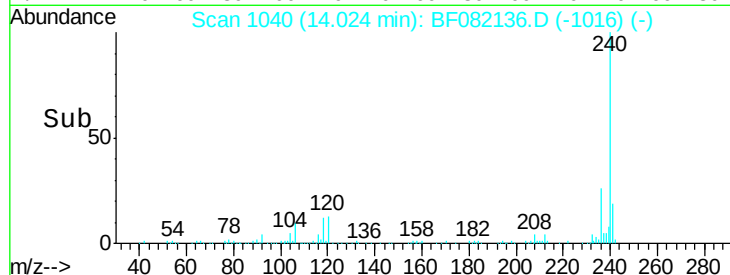
236 25.7 18.4 27.6



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: 157.70 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

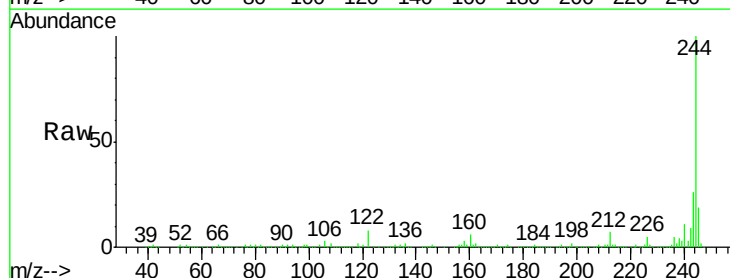
Tgt Ion:244 Resp: 1118061

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

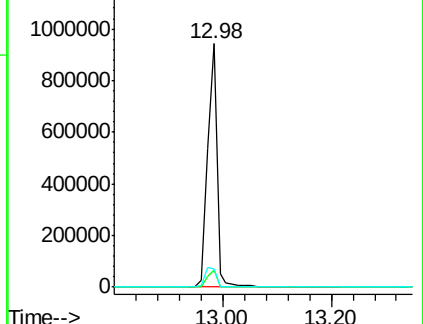
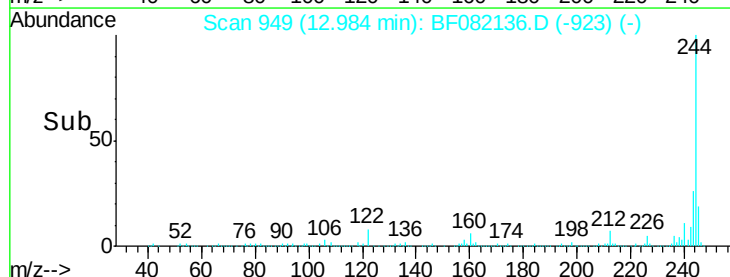
122 7.7 17.4 26.2#

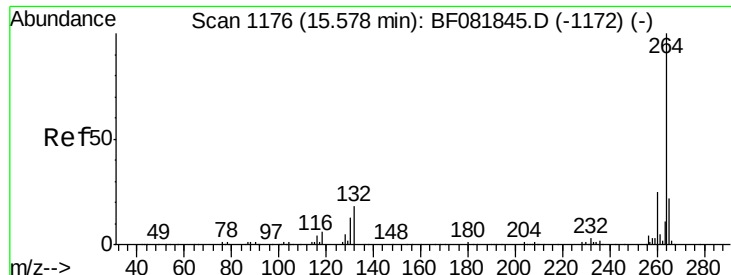


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

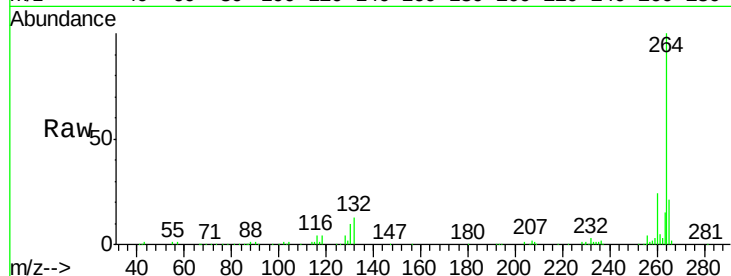




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 264 Resp: 220418
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

