

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084055.D
 Acq On : 24 Dec 2015 1:26
 Operator : UM/SJ
 Sample : G4907-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 24 07:57:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

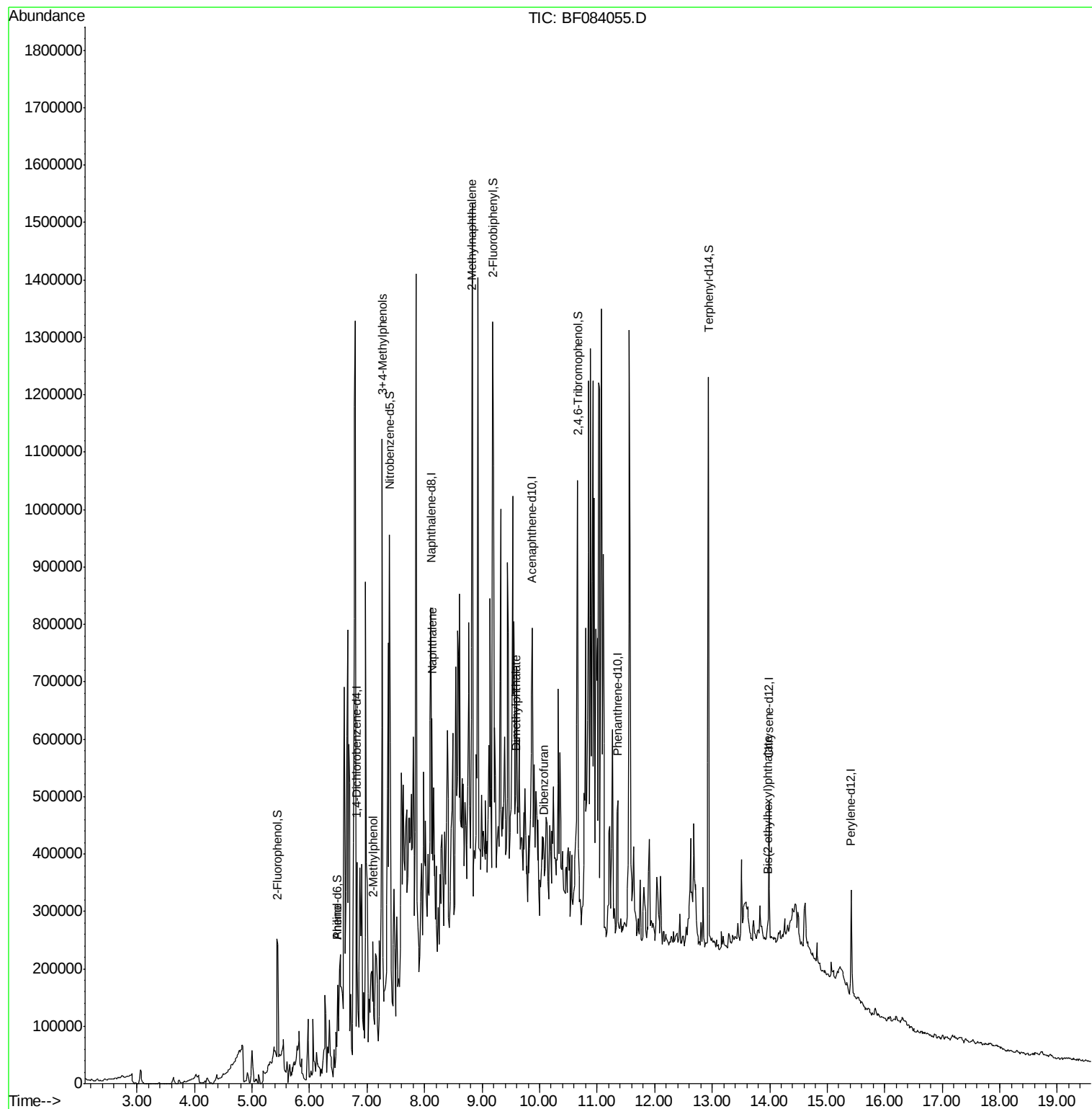
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45794	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	182019	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	81697	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121368	20.00	ng	0.00
75) Chrysene-d12	13.99	240	87093	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	101121	37.65	ng	0.01
7) Phenol-d6	6.49	99	14143m	4.48	ng	0.01
23) Nitrobenzene-d5	7.39	82	196092	66.18	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	81471	103.68	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	422643	69.62	ng	-0.01
78) Terphenyl-d14	12.93	244	299416	81.99	ng	0.00
Target Compounds						
6) Aniline	6.49	93	45173	10.34	ng	# 84
17) 2-Methylphenol	7.10	107	18607	7.55	ng	# 91
20) 3+4-Methylphenols	7.26	107	318988	104.92	ng	# 44
31) Naphthalene	8.13	128	49702m	5.35	ng	
37) 2-Methylnaphthalene	8.83	142	360964	59.94	ng	98
49) Dimethylphthalate	9.58	163	24186	3.78	ng	# 74
54) Dibenzofuran	10.08	168	16290	2.22	ng	# 68
83) Bis(2-ethylhexyl)phthalate	13.97	149	12253	3.25	ng	# 84

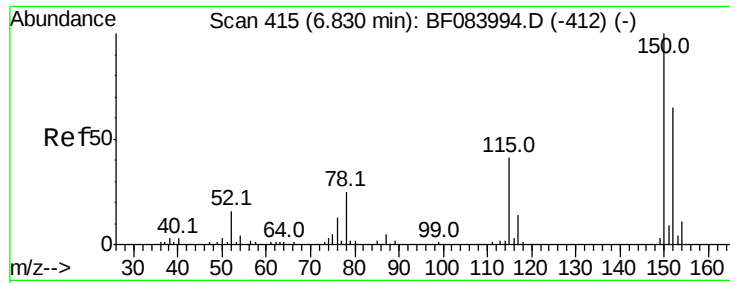
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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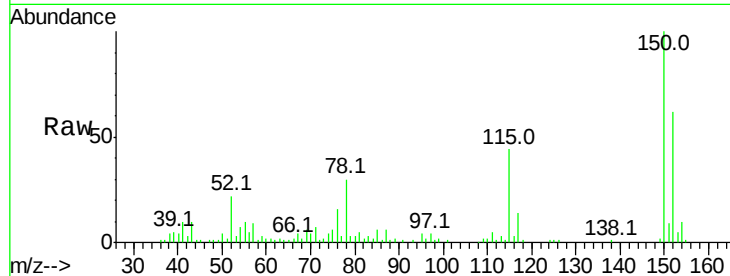


#1

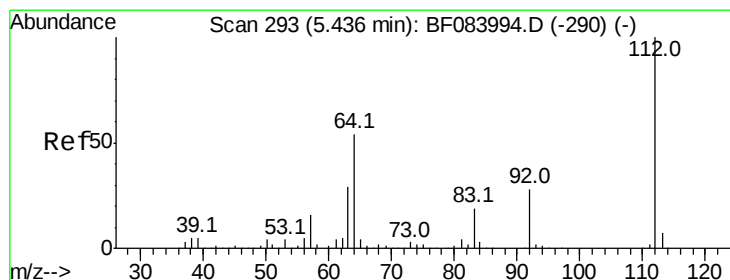
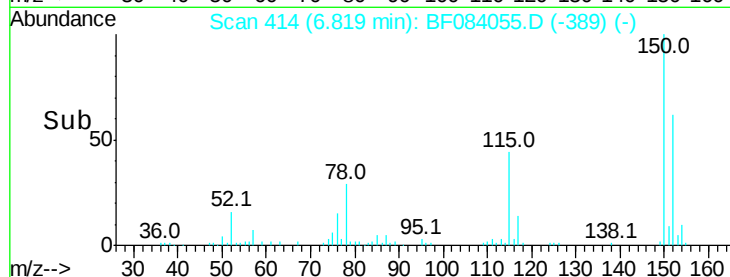
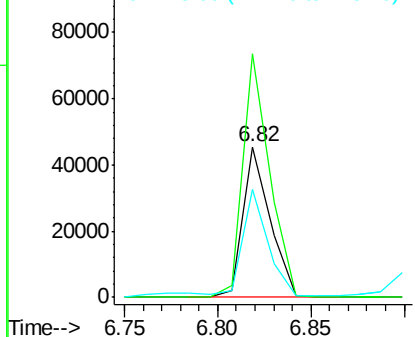
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampled :
MW-11

Tot Ion:152 Resp: 45794
Ion Ratio Lower Upper
152 100
150 161.6 123.0 184.4
115 71.4 51.4 77.2



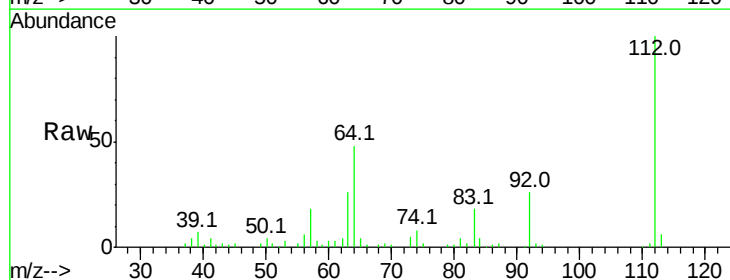
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



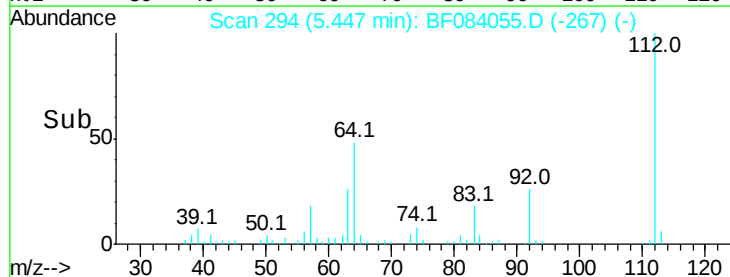
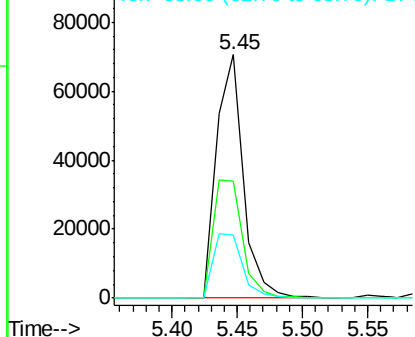
#5

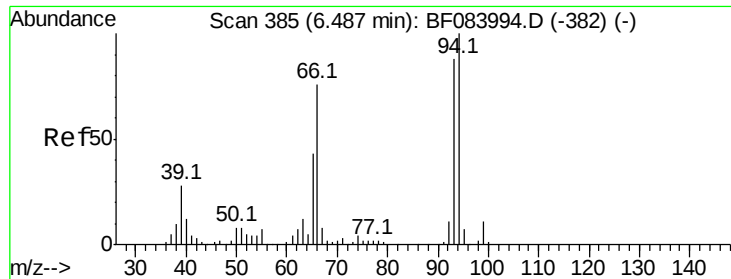
2-Fluorophenol
Concen: 37.65 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:112 Resp: 101121
Ion Ratio Lower Upper
112 100
64 47.9 36.6 55.0
63 25.7 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





#6

Aniline

Concen: 10.34 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

Instrument :

BNA_F

ClientSampleId :

MW-11

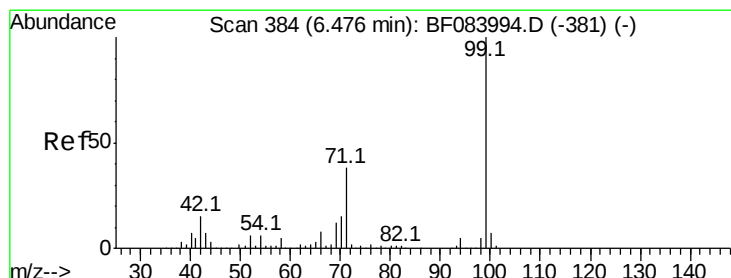
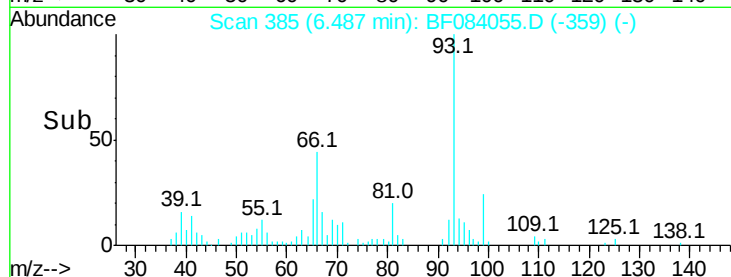
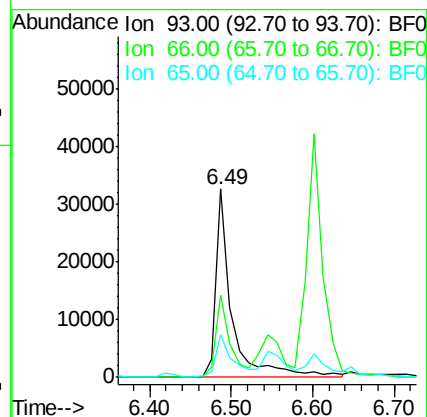
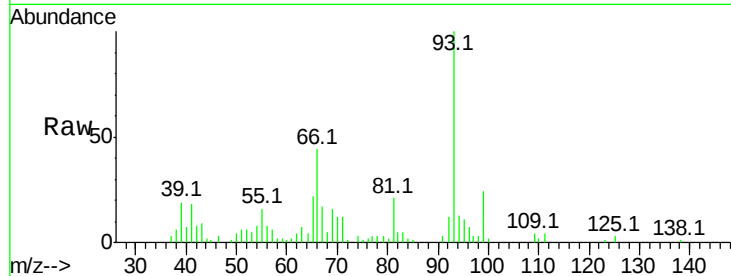
Tot Ion: 93 Resp: 45173

Ion Ratio Lower Upper

93 100

66 43.9 44.9 67.3#

65 22.4 23.7 35.5#



#7

Phenol-d6

Concen: 4.48 ng m

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

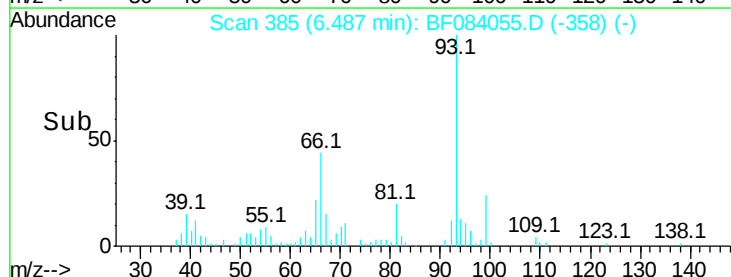
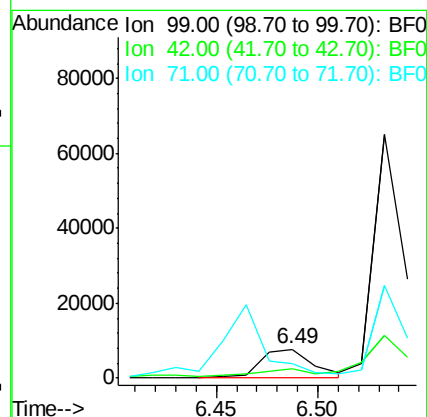
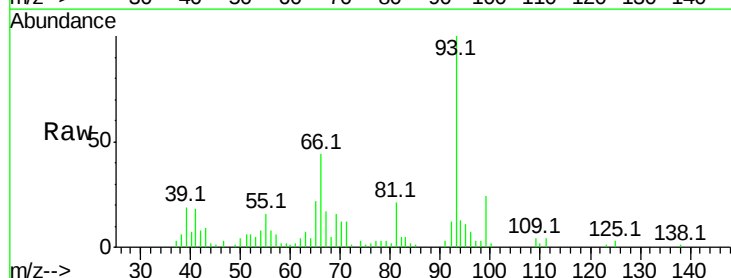
Tgt Ion: 99 Resp: 14143

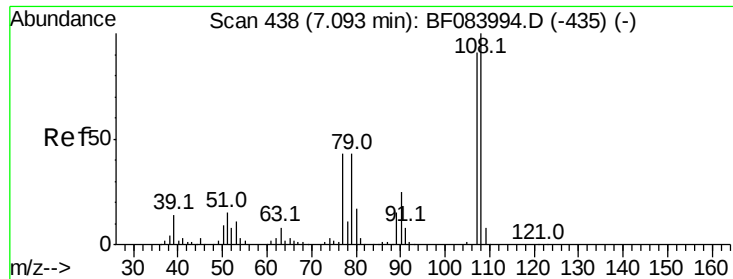
Ion Ratio Lower Upper

99 100

42 31.5 12.8 19.2#

71 51.7 30.9 46.3#

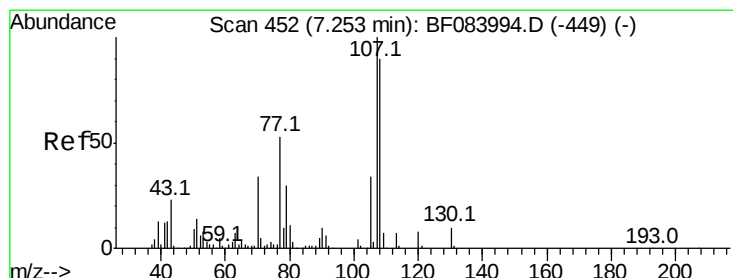
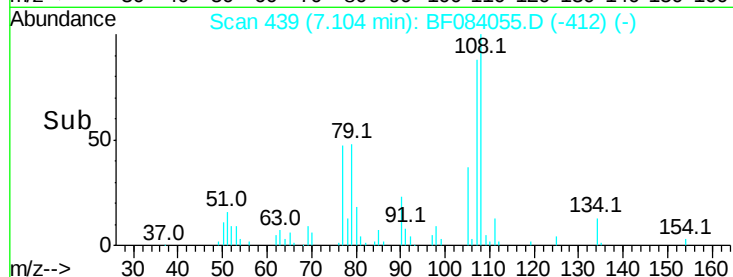
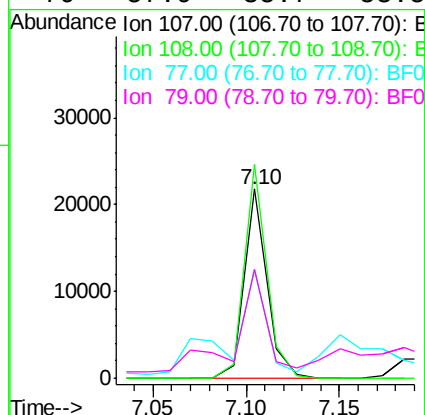
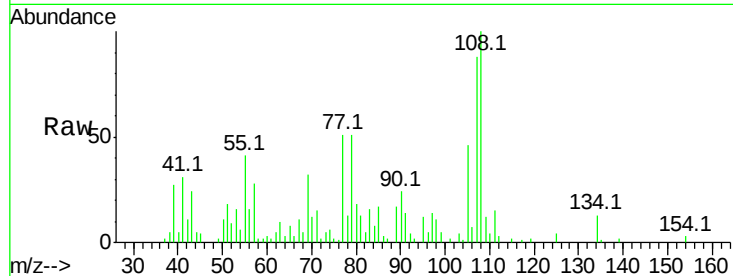




#17
2-Methylphenol
Concen: 7.55 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

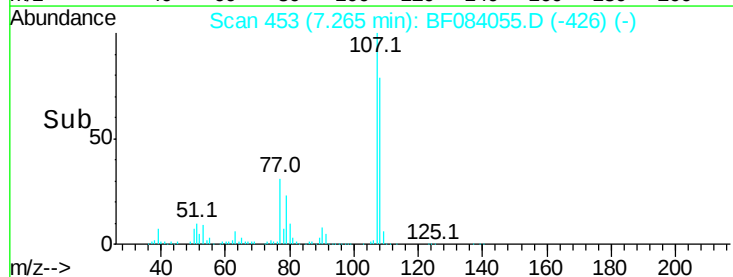
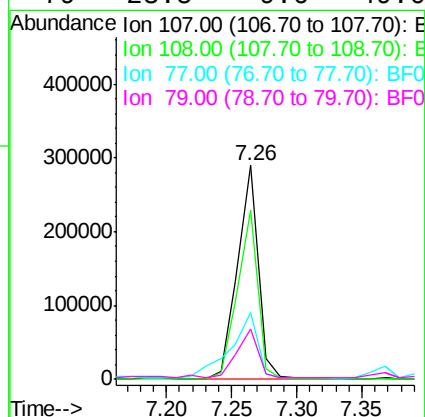
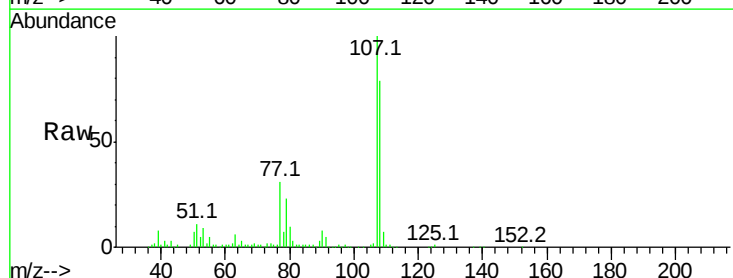
Instrument :
BNA_F
ClientSampled :
MW-11

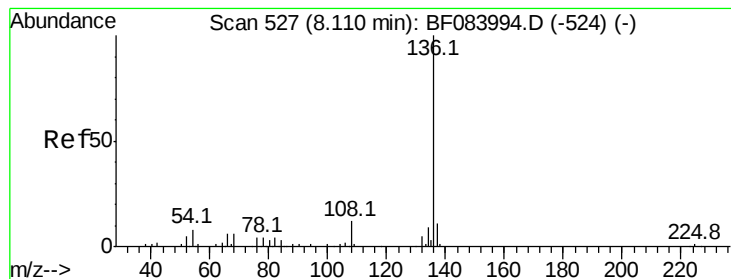
Tot Ion:107 Resp: 18607
Ion Ratio Lower Upper
107 100
108 113.1 89.8 134.6
77 57.9 35.7 53.5#
79 57.9 35.7 53.5#



#20
3+4-Methylphenols
Concen: 104.92 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:107 Resp: 318988
Ion Ratio Lower Upper
107 100
108 79.3 64.1 104.1
77 31.4 128.9 168.9#
79 23.5 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:136 Resp: 182019

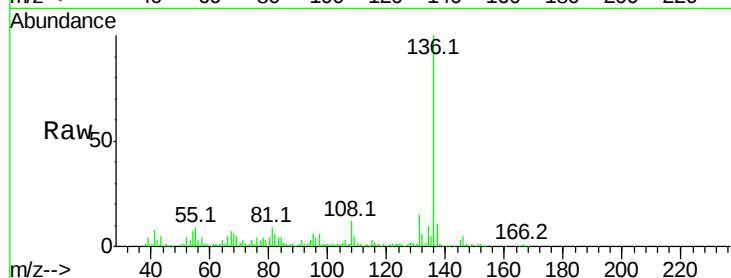
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.4 5.8 8.8

68 6.5 4.2 6.2#

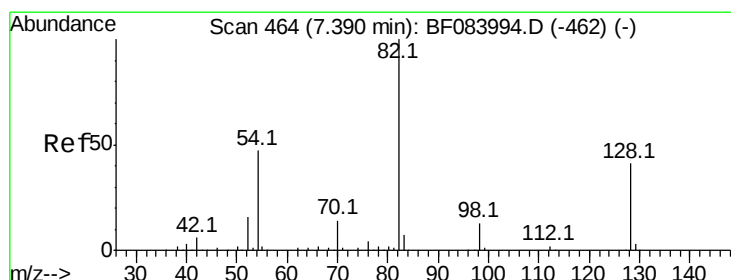
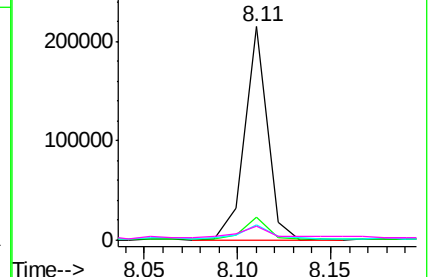
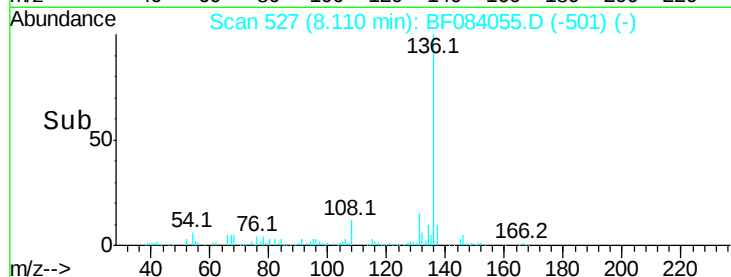


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.18 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

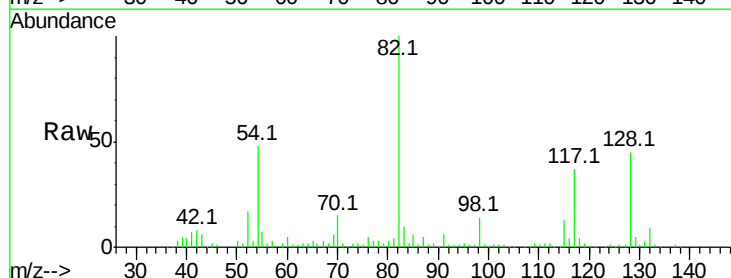
Tgt Ion: 82 Resp: 196092

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

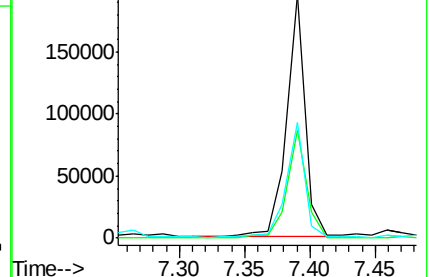
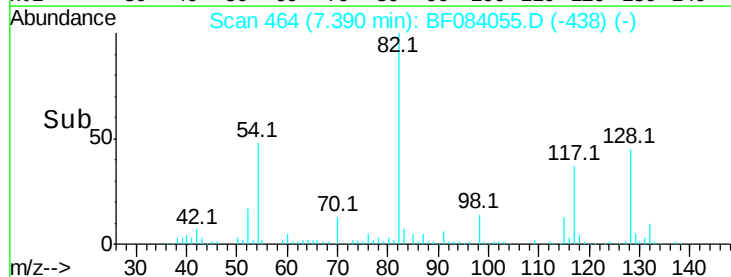
54 47.6 38.4 57.6

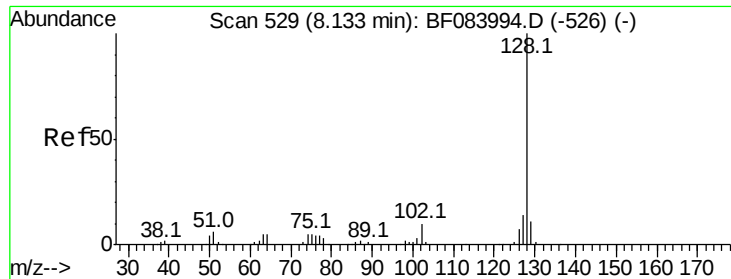


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

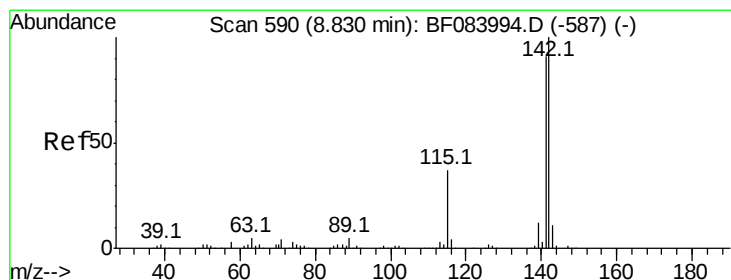
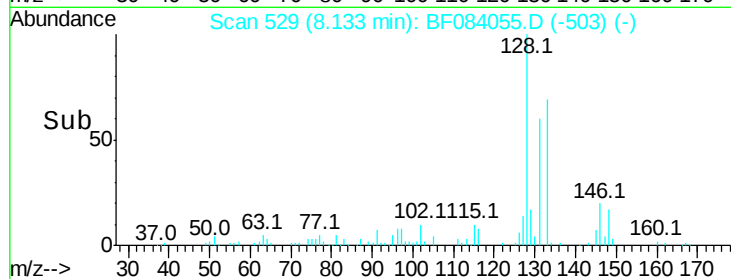
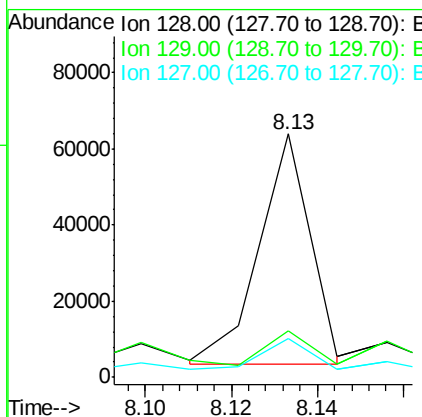
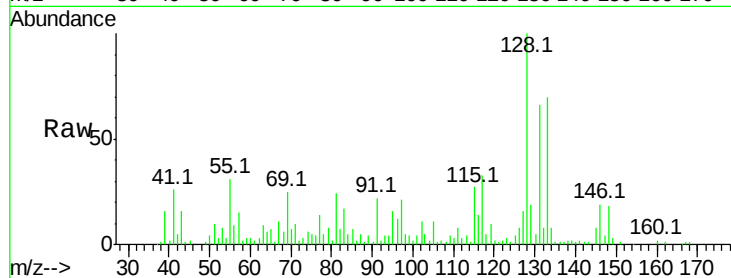




#31
Naphthalene
Concen: 5.35 ng m
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

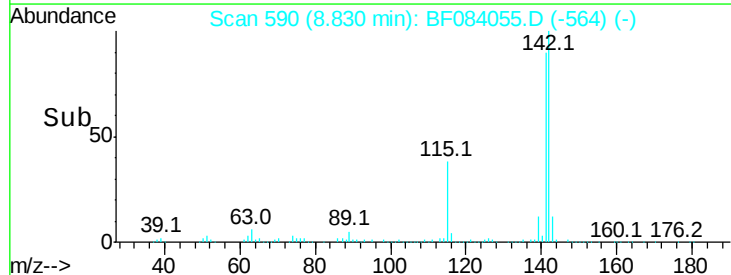
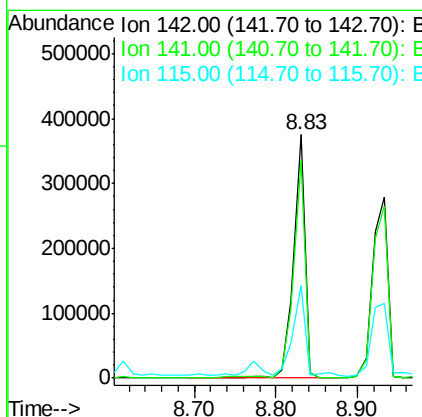
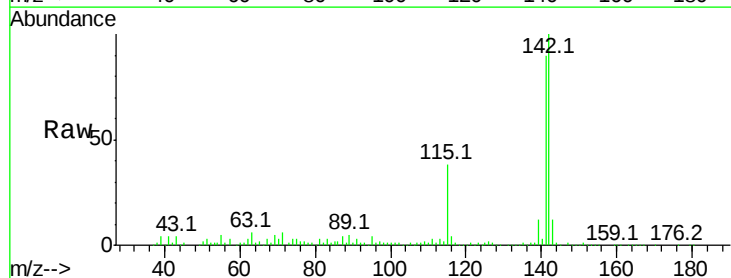
Instrument :
BNA_F
ClientSampleId :
MW-11

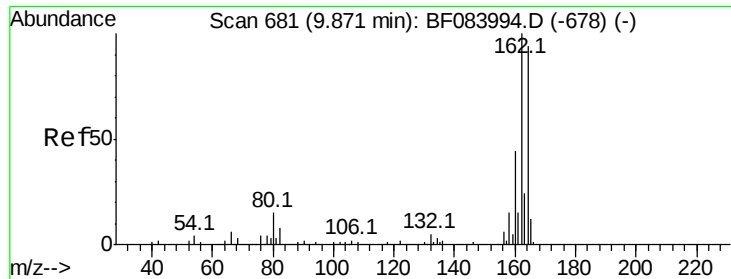
Tot Ion:128 Resp: 49702
Ion Ratio Lower Upper
128 100
129 19.2 9.1 13.7#
127 15.8 11.1 16.7



#37
2-Methylnaphthalene
Concen: 59.94 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:142 Resp: 360964
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 38.1 27.9 41.9

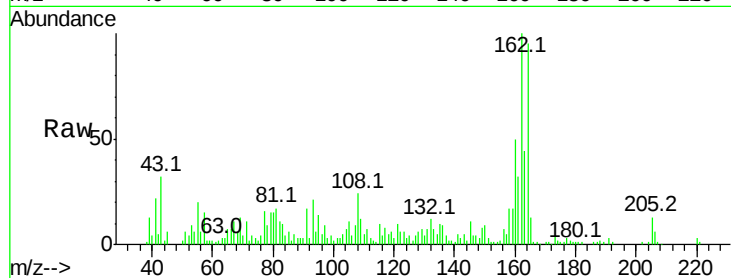




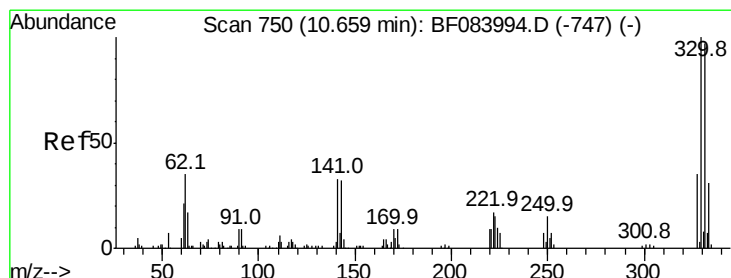
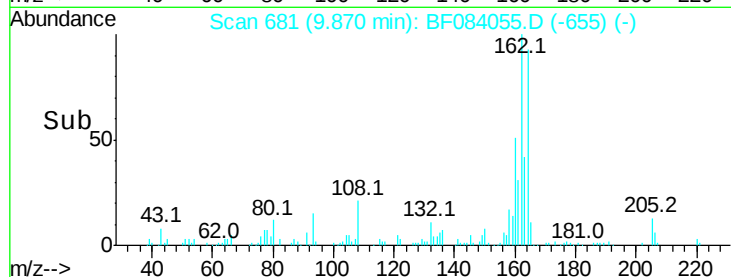
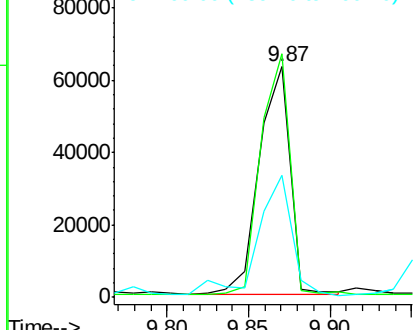
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:164 Resp: 81697
Ion Ratio Lower Upper
164 100
162 105.5 85.1 127.7
160 53.1 37.5 56.3

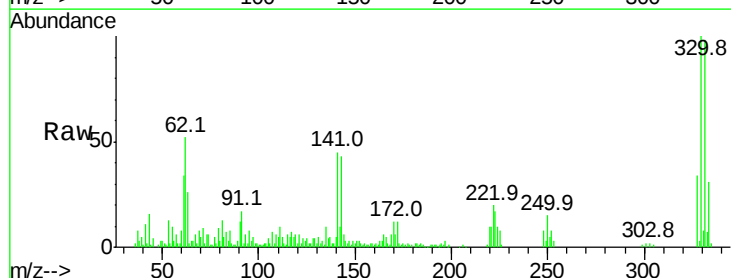


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

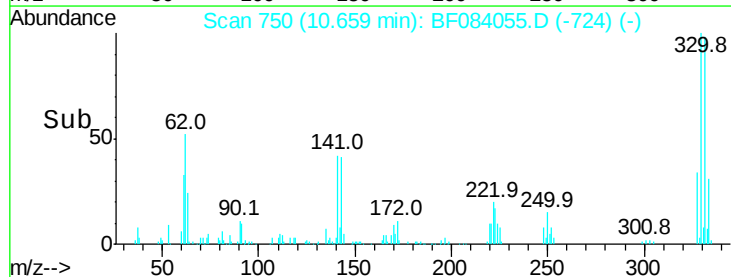
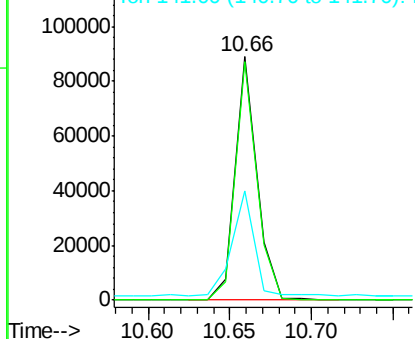


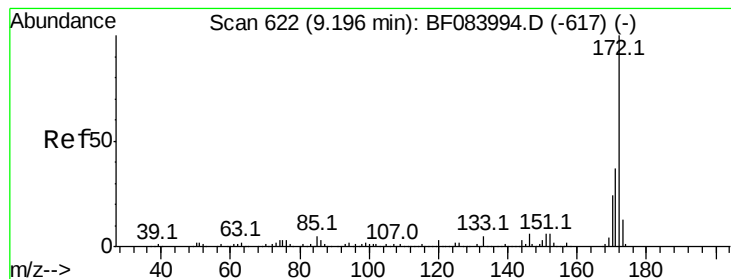
#41
2,4,6-Tribromophenol
Concen: 103.68 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:330 Resp: 81471
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 45.8 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

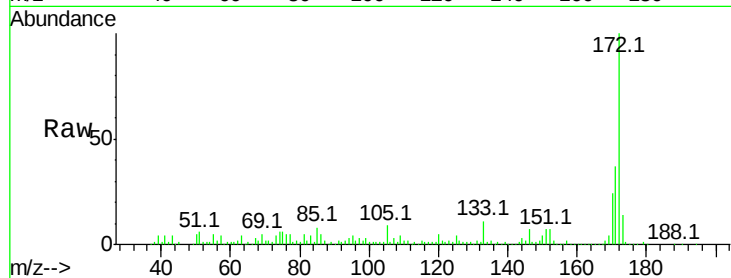




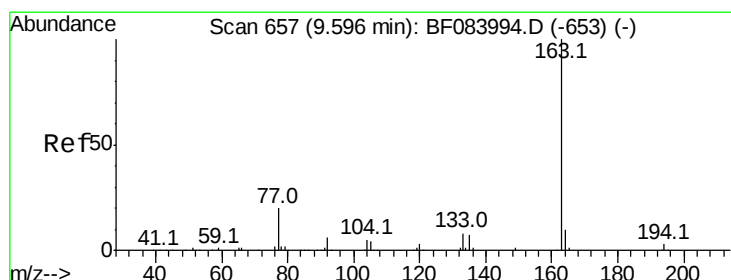
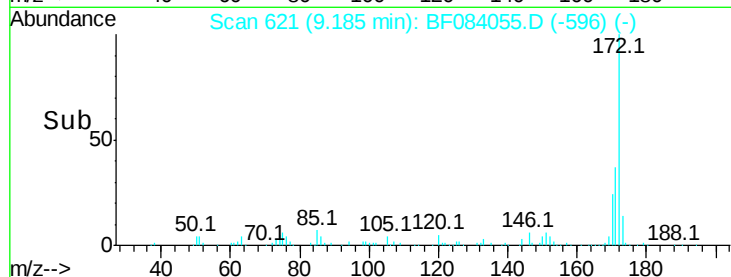
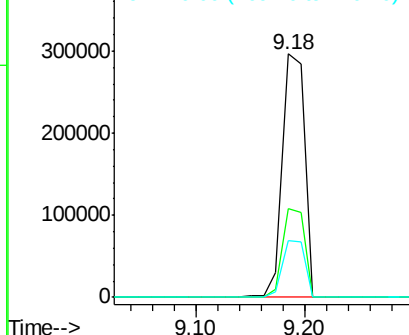
#44
2-Fluorobiphenyl
Concen: 69.62 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:172 Resp: 422643
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 23.6 18.6 27.8

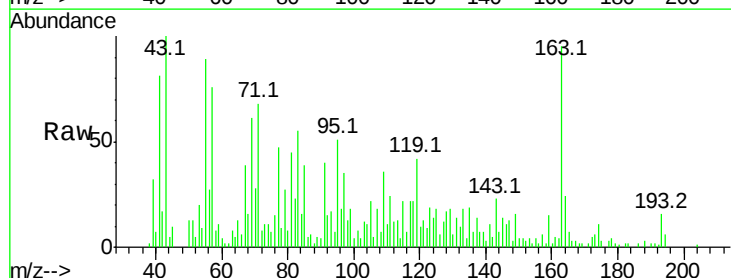


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

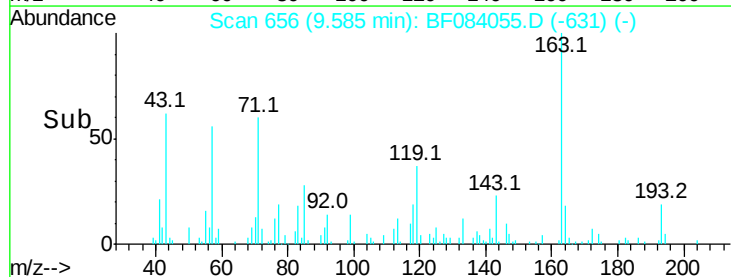
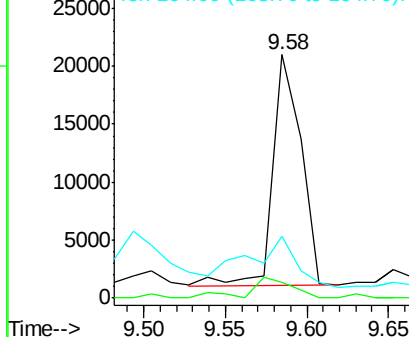


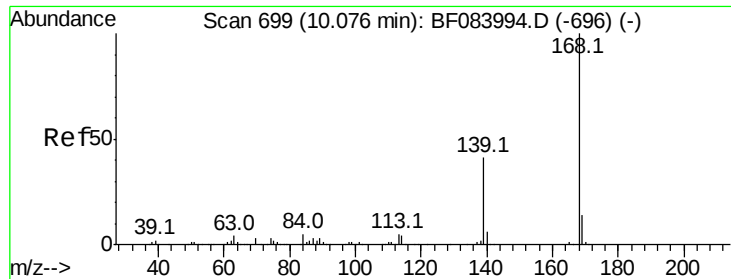
#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:163 Resp: 24186
Ion Ratio Lower Upper
163 100
194 6.3 8.0 12.0#
164 25.5 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

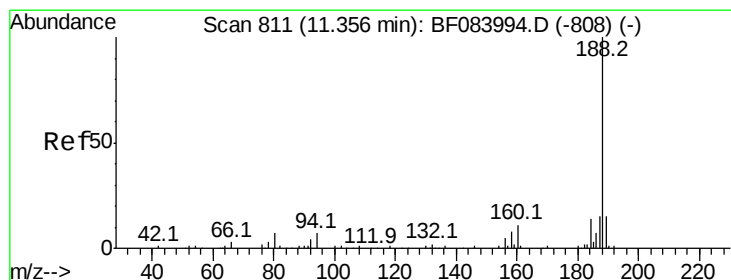
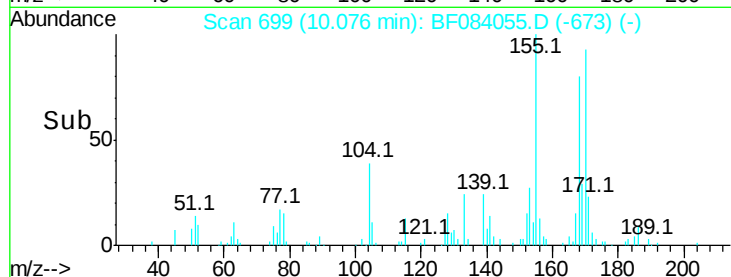
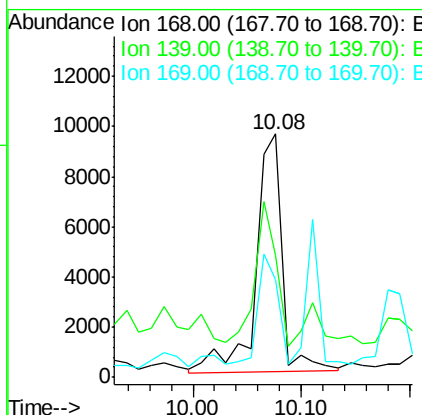
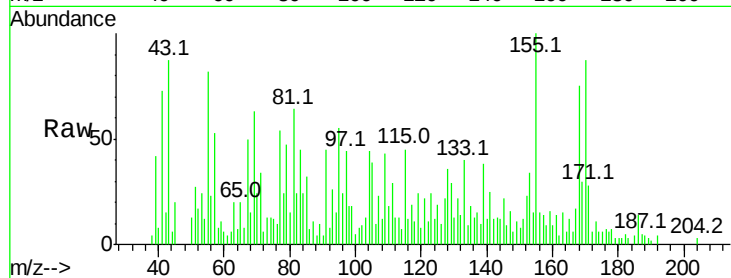




#54
Dibenzofuran
Concen: 2.22 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

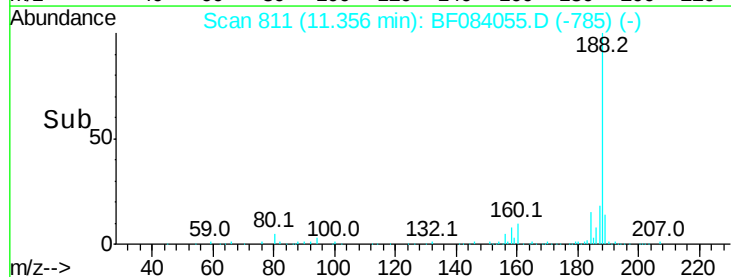
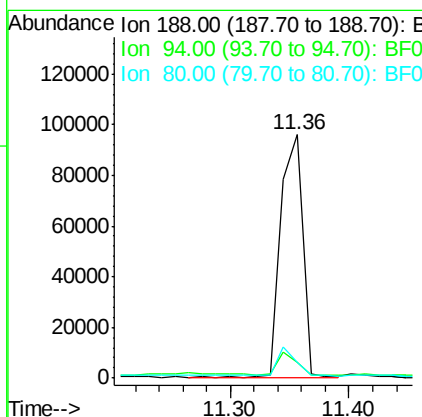
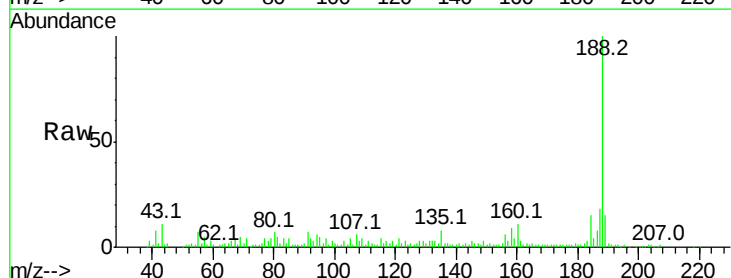
Instrument :
BNA_F
ClientSampleId :
MW-11

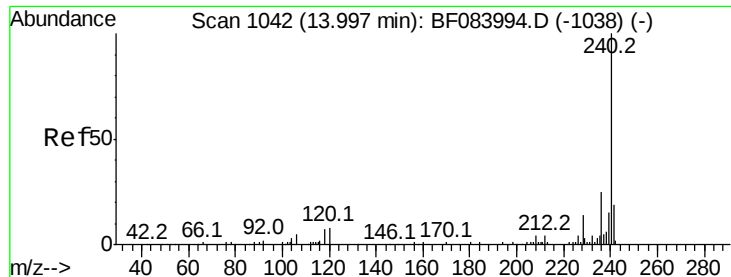
Tot Ion:168 Resp: 16290
Ion Ratio Lower Upper
168 100
139 50.2 30.5 45.7#
169 40.0 10.4 15.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:188 Resp: 121368
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.6 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

Instrument :

BNA_F

ClientSampleId :

MW-11

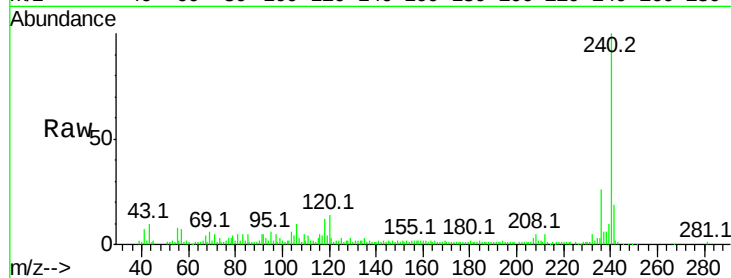
Tot Ion:240 Resp: 87093

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

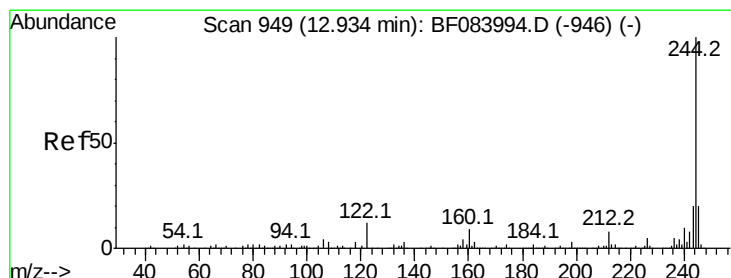
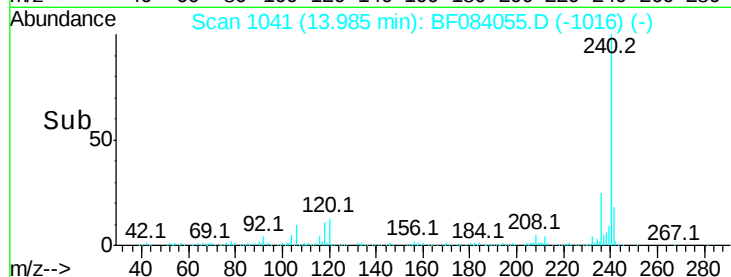
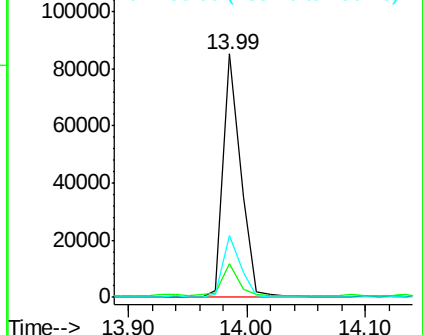
236 25.5 20.6 31.0



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: 81.99 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

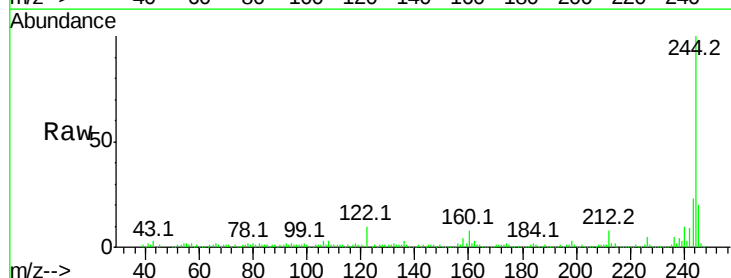
Tgt Ion:244 Resp: 299416

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

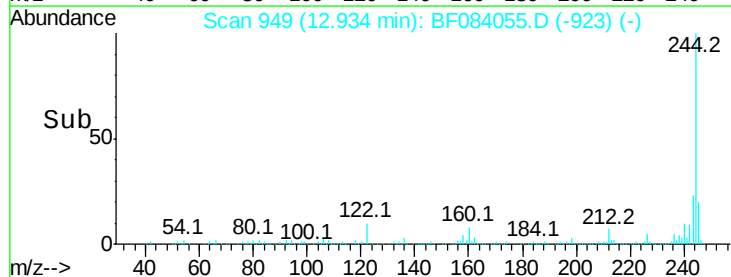
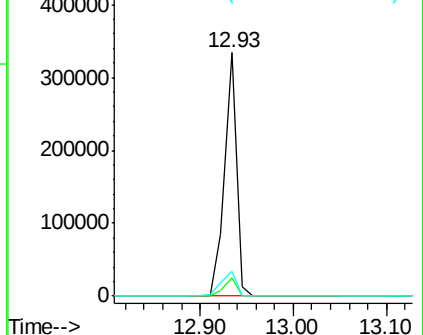
122 10.3 7.4 11.0

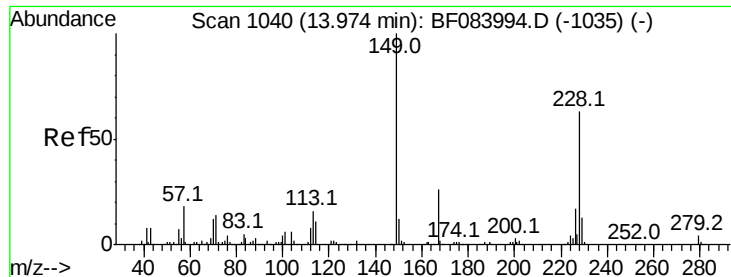


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.25 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

Instrument :

BNA_F

ClientSampled :

MW-11

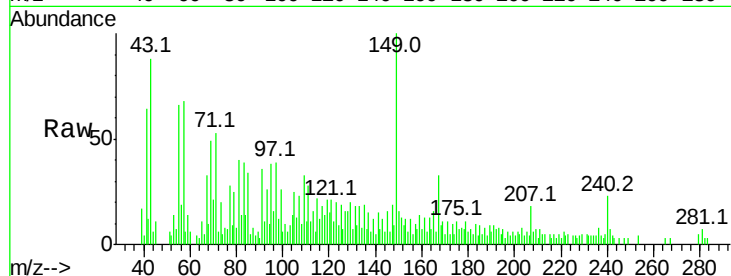
Tot Ion:149 Resp: 12253

Ion Ratio Lower Upper

149 100

167 33.1 19.7 29.5#

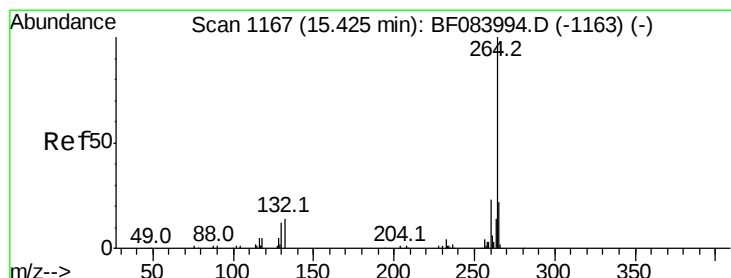
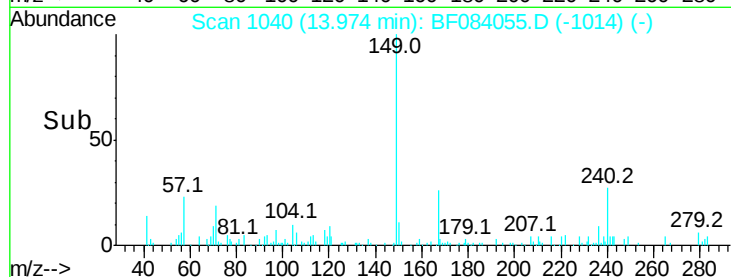
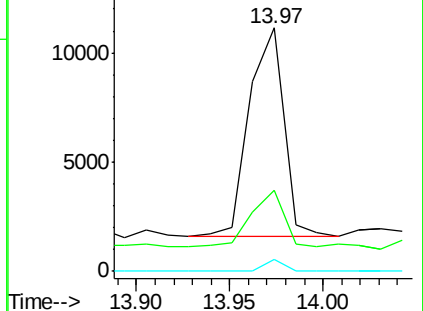
279 4.8 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084055.D

Acq: 24 Dec 2015 1:26

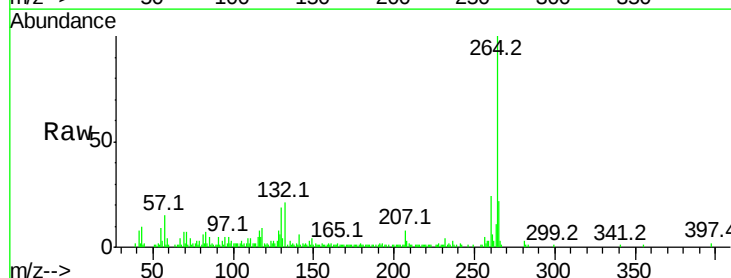
Tgt Ion:264 Resp: 83459

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.2 17.8 26.6



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

