

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095110.D
 Acq On : 12 May 2017 14:12
 Operator : SJ/MA
 Sample : I3100-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-051017

Quant Time: May 12 18:06:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

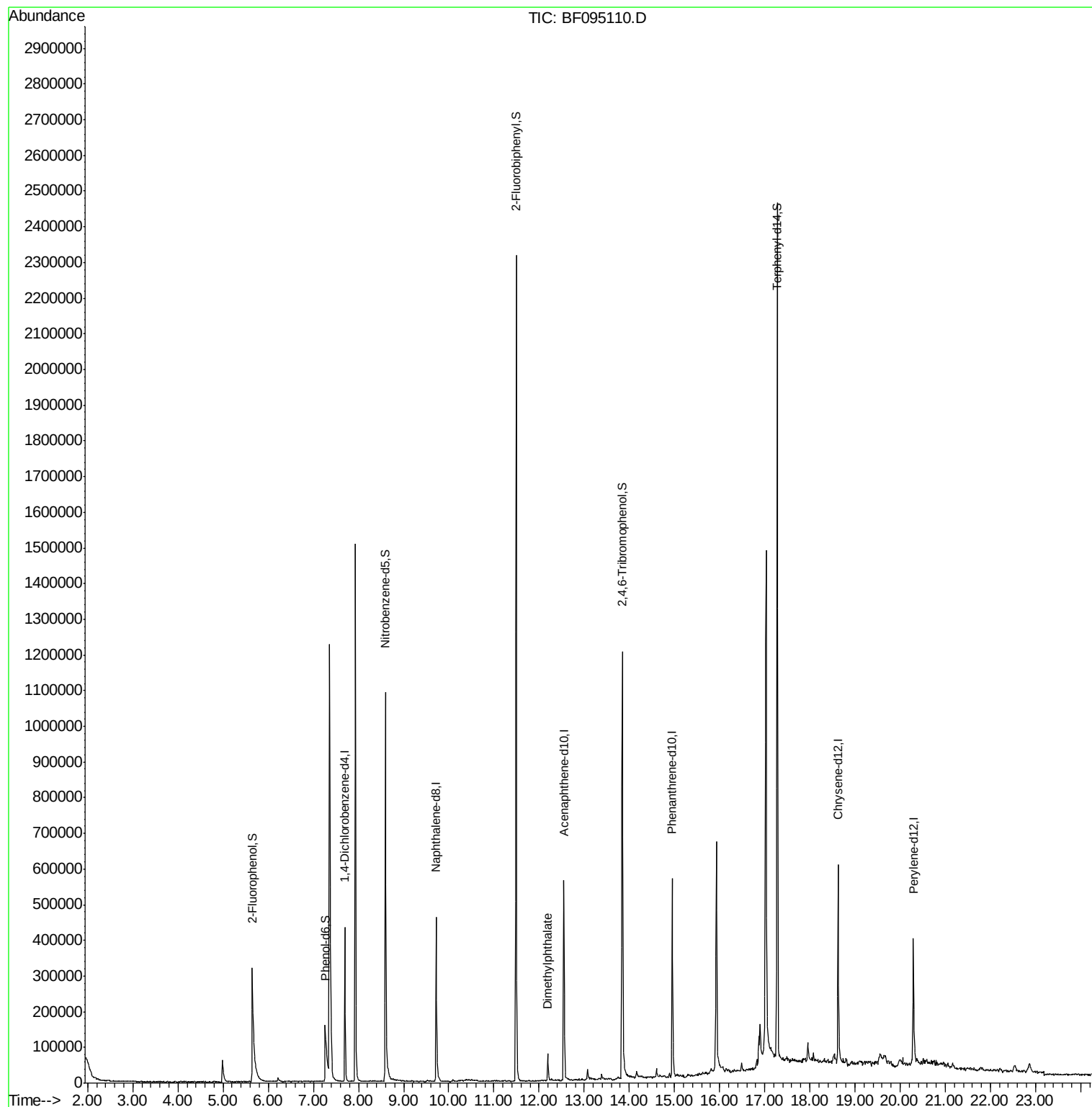
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	92978	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	350148	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	174214	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	317242	20.00	ng	0.00
75) Chrysene-d12	18.62	240	274223	20.00	ng	0.00
86) Perylene-d12	20.29	264	186719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	273524	49.05	ng	0.00
7) Phenol-d6	7.26	99	199530	29.82	ng	0.01
23) Nitrobenzene-d5	8.60	82	534574	96.27	ng	-0.01
41) 2,4,6-Tribromophenol	13.85	330	213964	149.97	ng	0.00
44) 2-Fluorobiphenyl	11.49	172	1009895	83.44	ng	0.00
78) Terphenyl-d14	17.28	244	995368	79.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.19	163	48531	3.39	ng	# 98

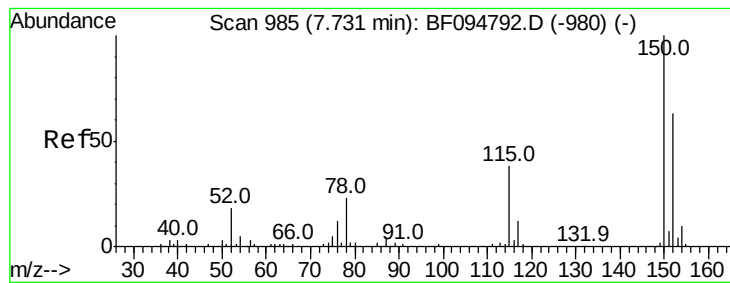
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

MW-1-051017

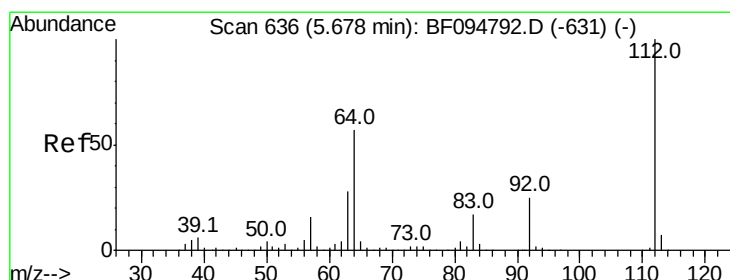
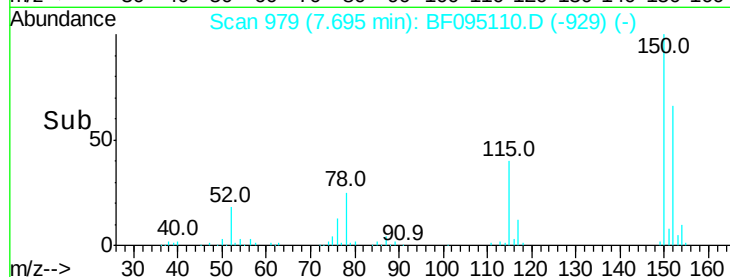
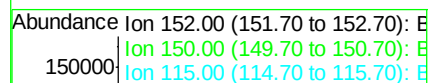
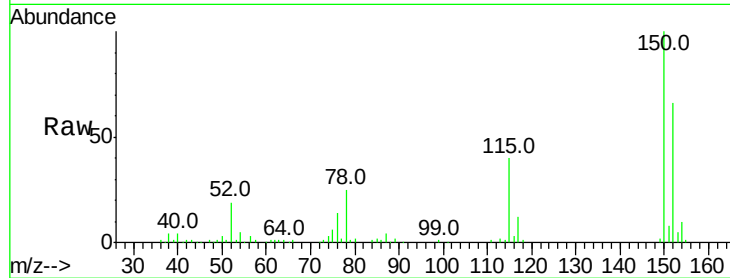
Tot Ion:152 Resp: 92978

Ion Ratio Lower Upper

152 100

150 152.6 126.2 189.2

115 60.5 52.2 78.2



#5

2-Fluorophenol

Concen: 49.05 ng

RT: 5.65 min Scan# 631

Delta R.T. 0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

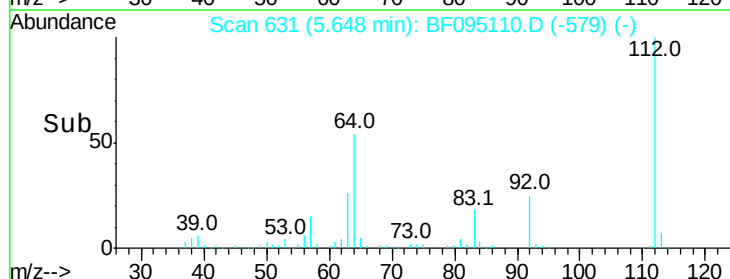
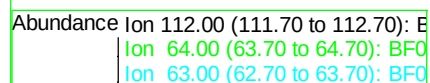
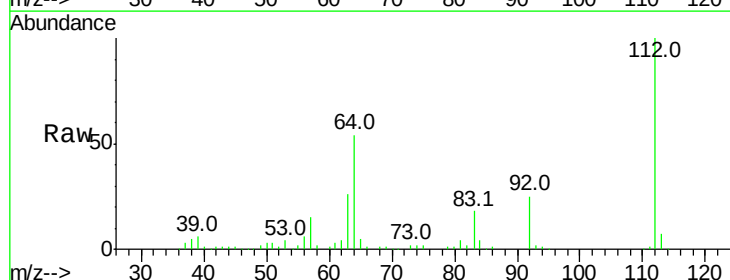
Tgt Ion:112 Resp: 273524

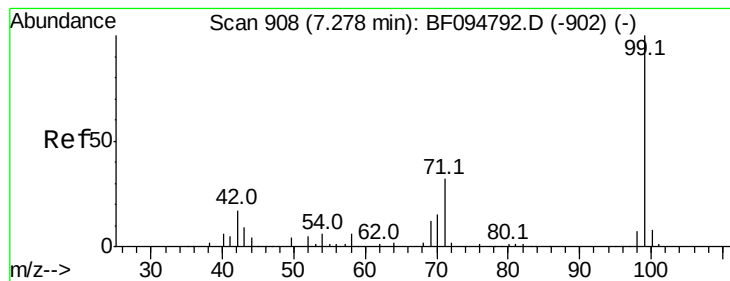
Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

63 25.6 23.4 35.0





#7

Phenol-d6

Concen: 29.82 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

MW-1-051017

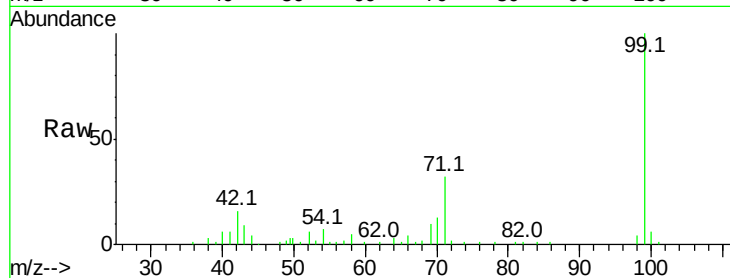
Tot Ion: 99 Resp: 199530

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

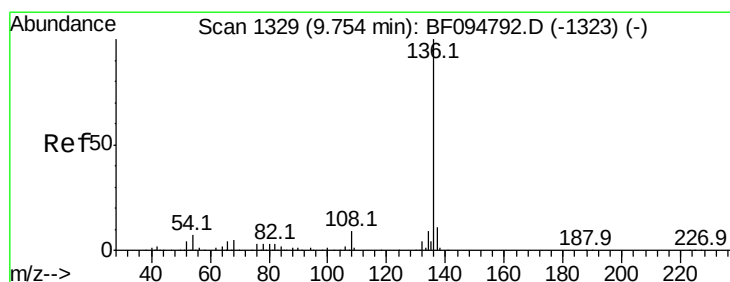
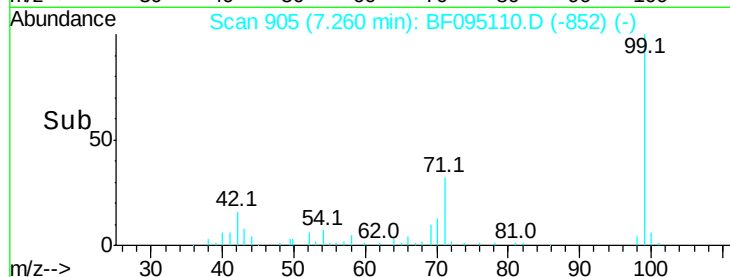
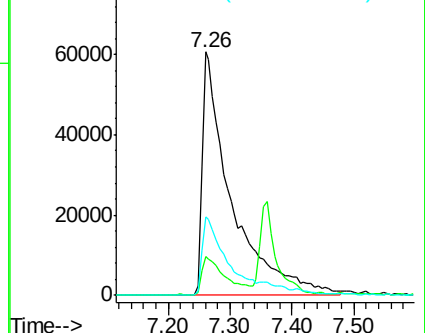
71 32.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Tgt Ion: 136 Resp: 350148

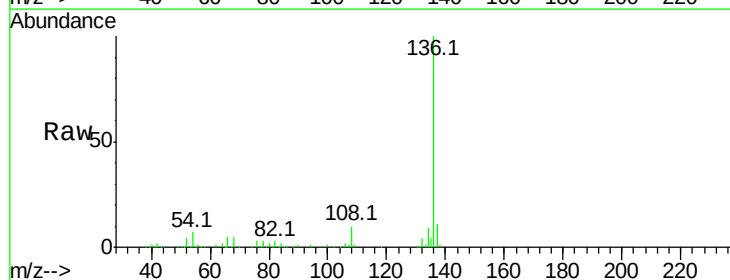
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.3 4.1 6.1

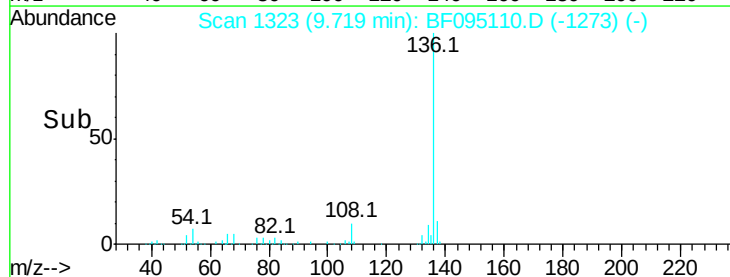
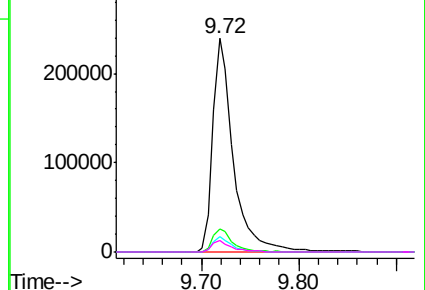


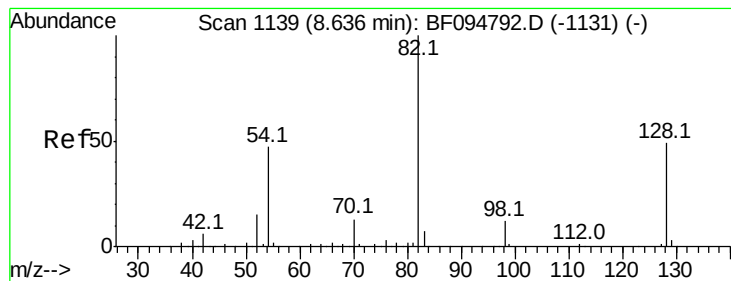
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.27 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

MW-1-051017

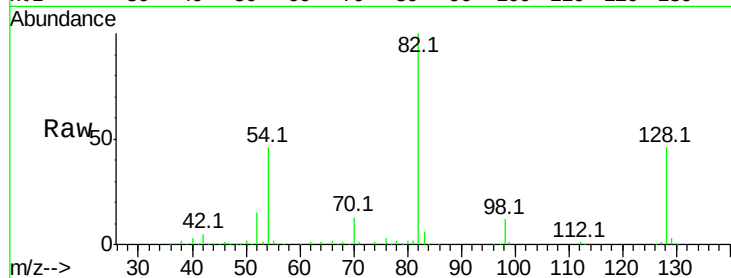
Tot Ion: 82 Resp: 534574

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

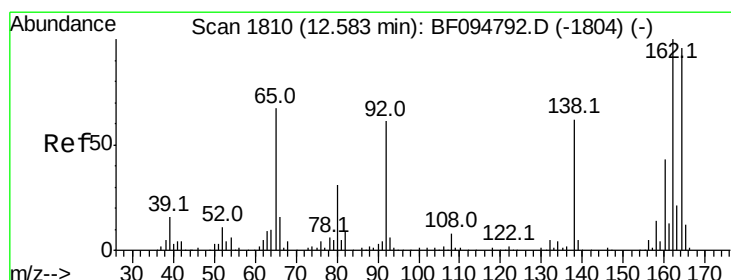
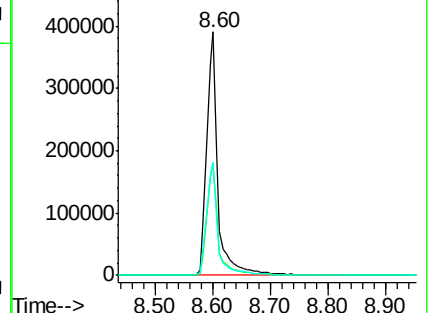
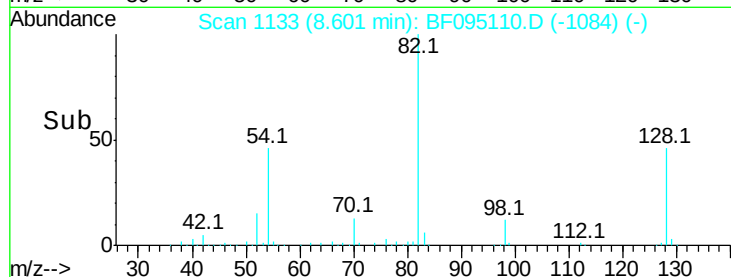
54 46.2 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

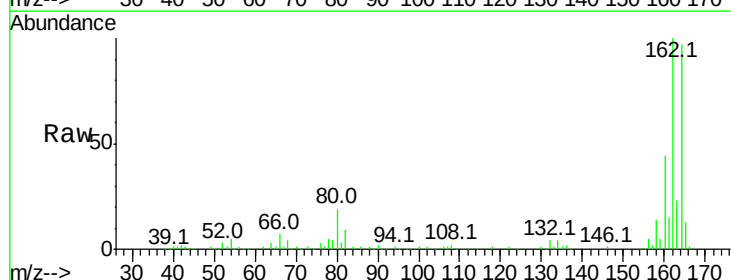
Tgt Ion: 164 Resp: 174214

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

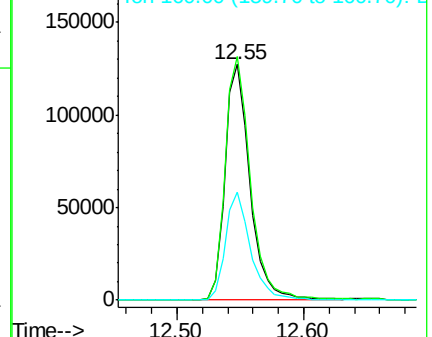
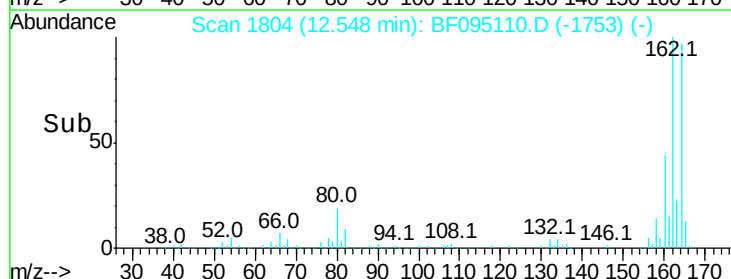
160 45.9 36.2 54.2

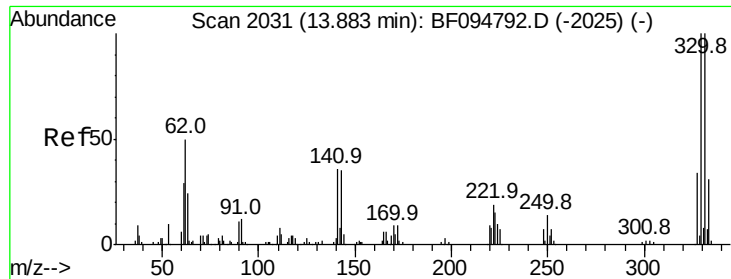


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

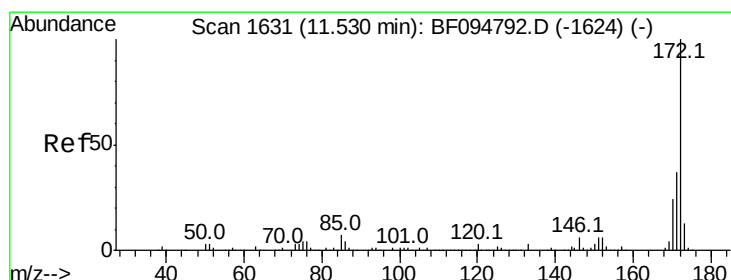
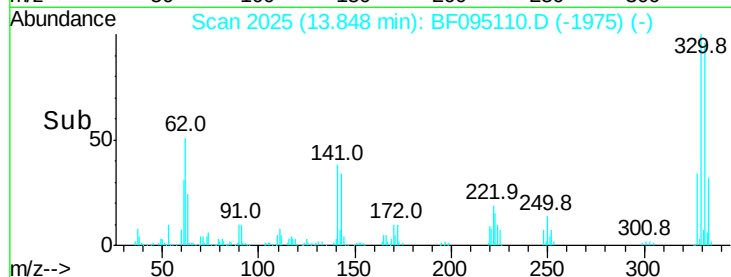
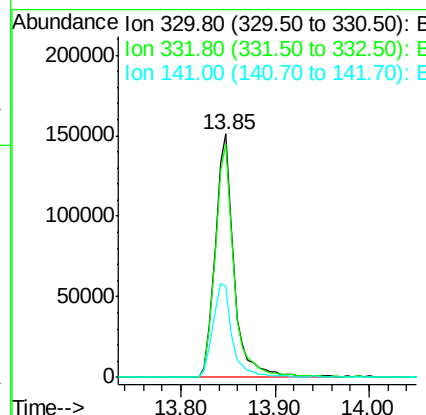
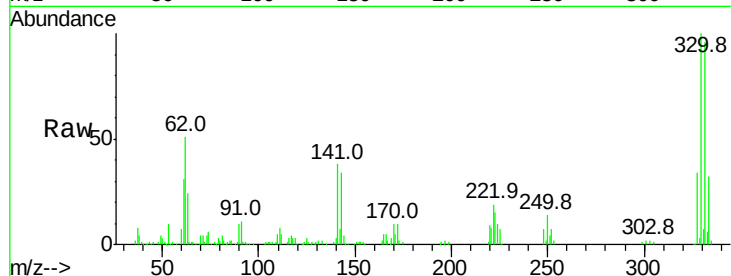




#41
 2,4,6-Tribromophenol
 Concen: 149.97 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

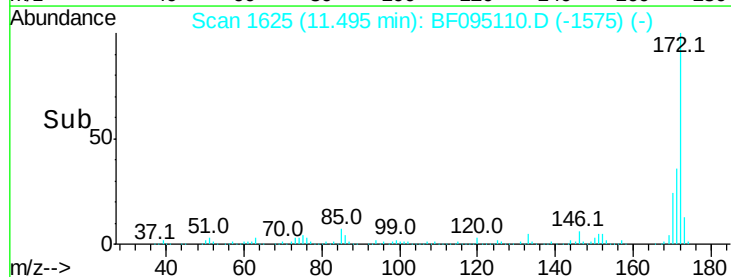
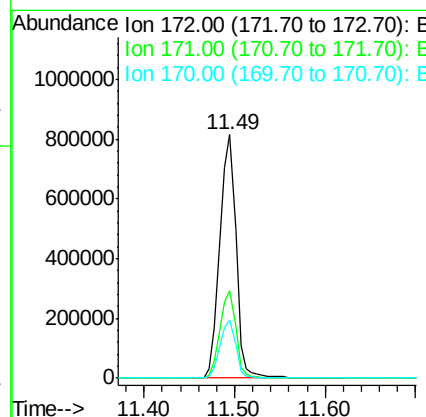
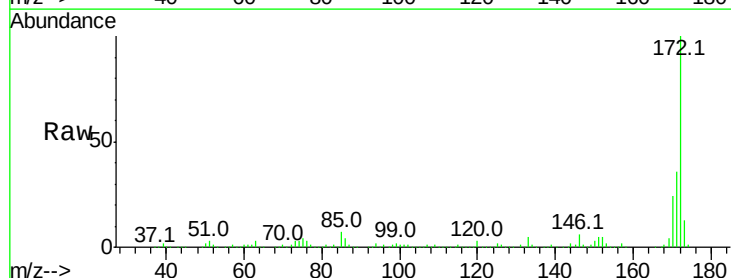
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-051017

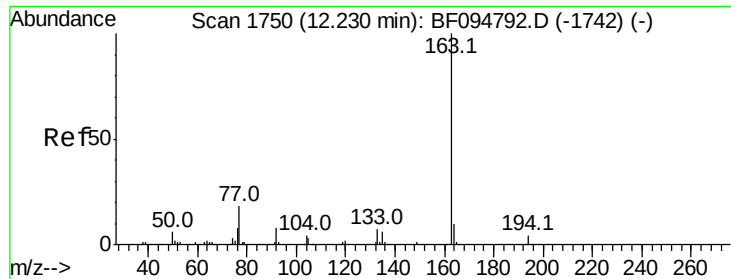
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.44 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 3.39 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

MW-1-051017

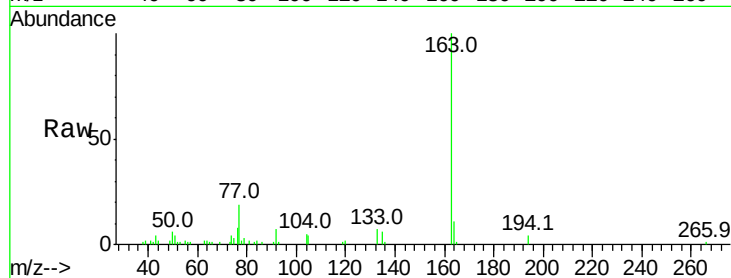
Tot Ion:163 Resp: 48531

Ion Ratio Lower Upper

163 100

194 4.4 2.6 4.0#

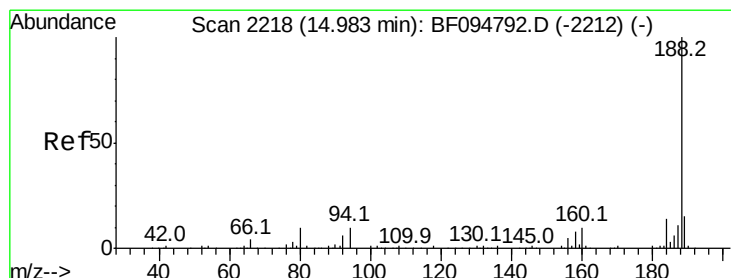
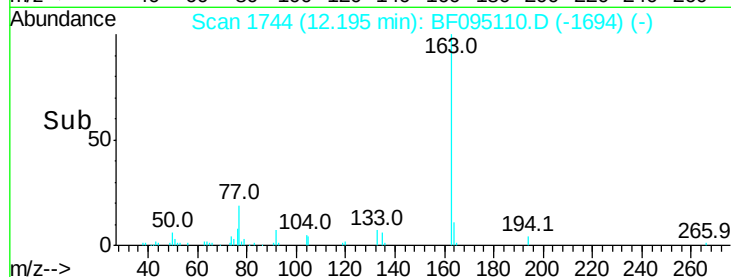
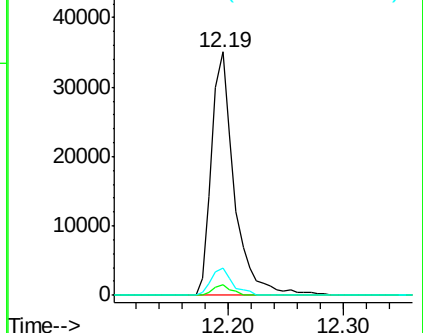
164 11.1 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.95 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

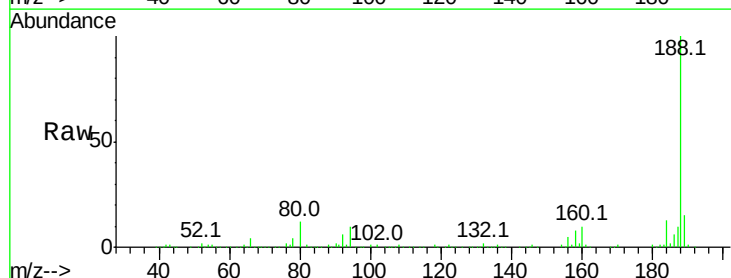
Tgt Ion:188 Resp: 317242

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

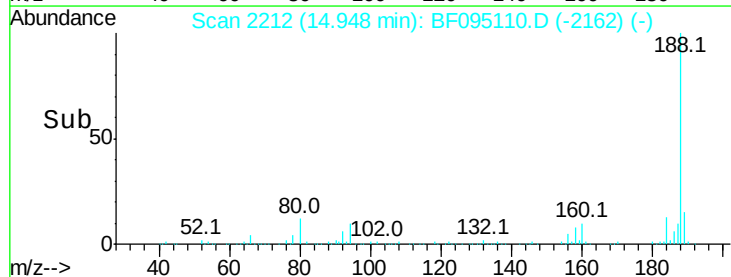
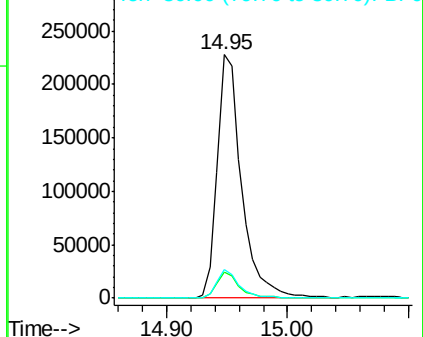
80 11.6 10.2 15.2

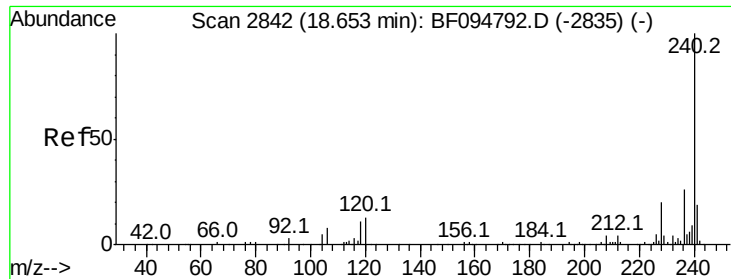


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

MW-1-051017

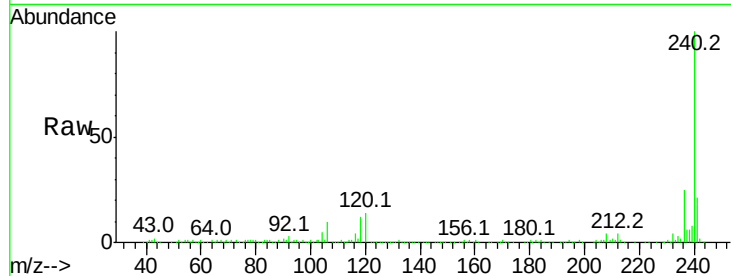
Tot Ion:240 Resp: 274223

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

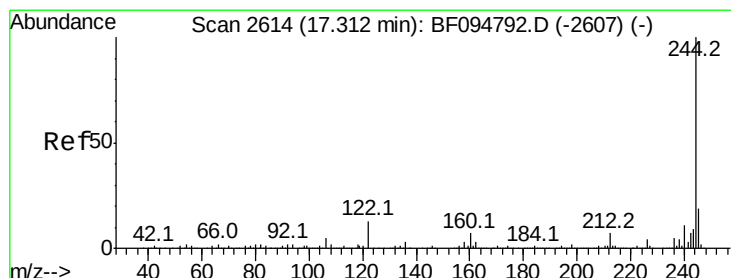
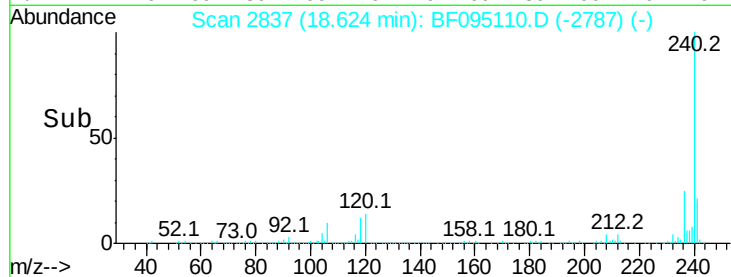
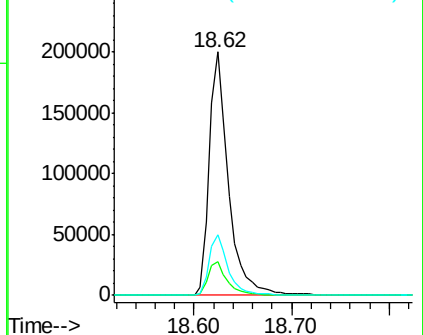
236 24.7 20.5 30.7



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: 79.95 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

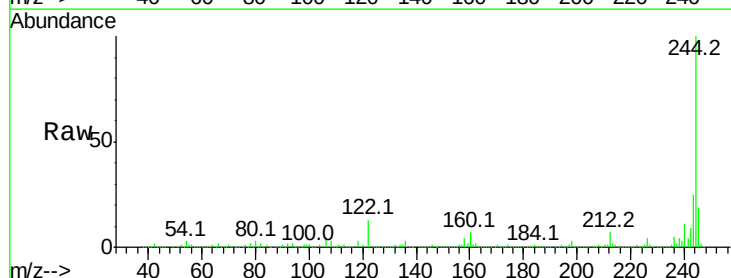
Tgt Ion:244 Resp: 995368

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

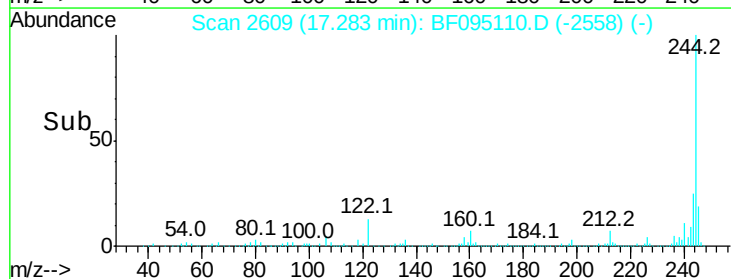
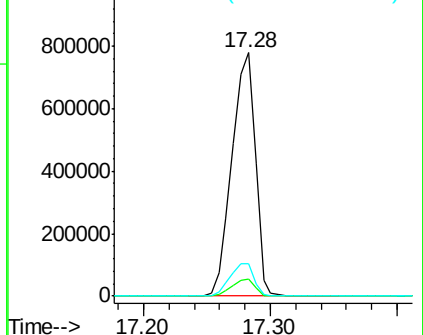
122 13.4 10.3 15.5

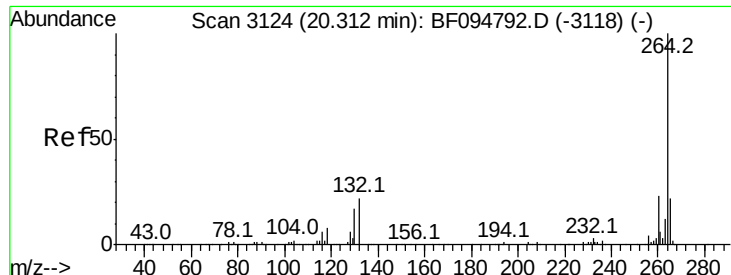


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

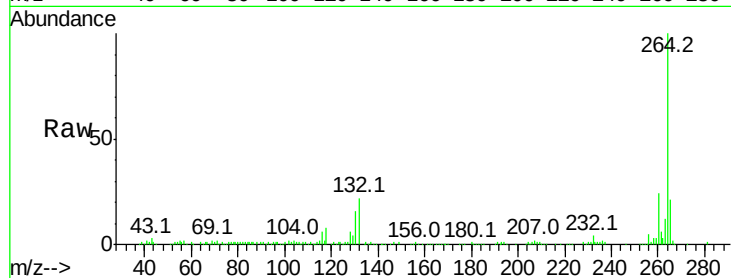




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-051017

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	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

