

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097613.D
 Acq On : 12 Aug 2017 1:08
 Operator : SJ/JU
 Sample : I4604-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-080217

Quant Time: Aug 12 06:37:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

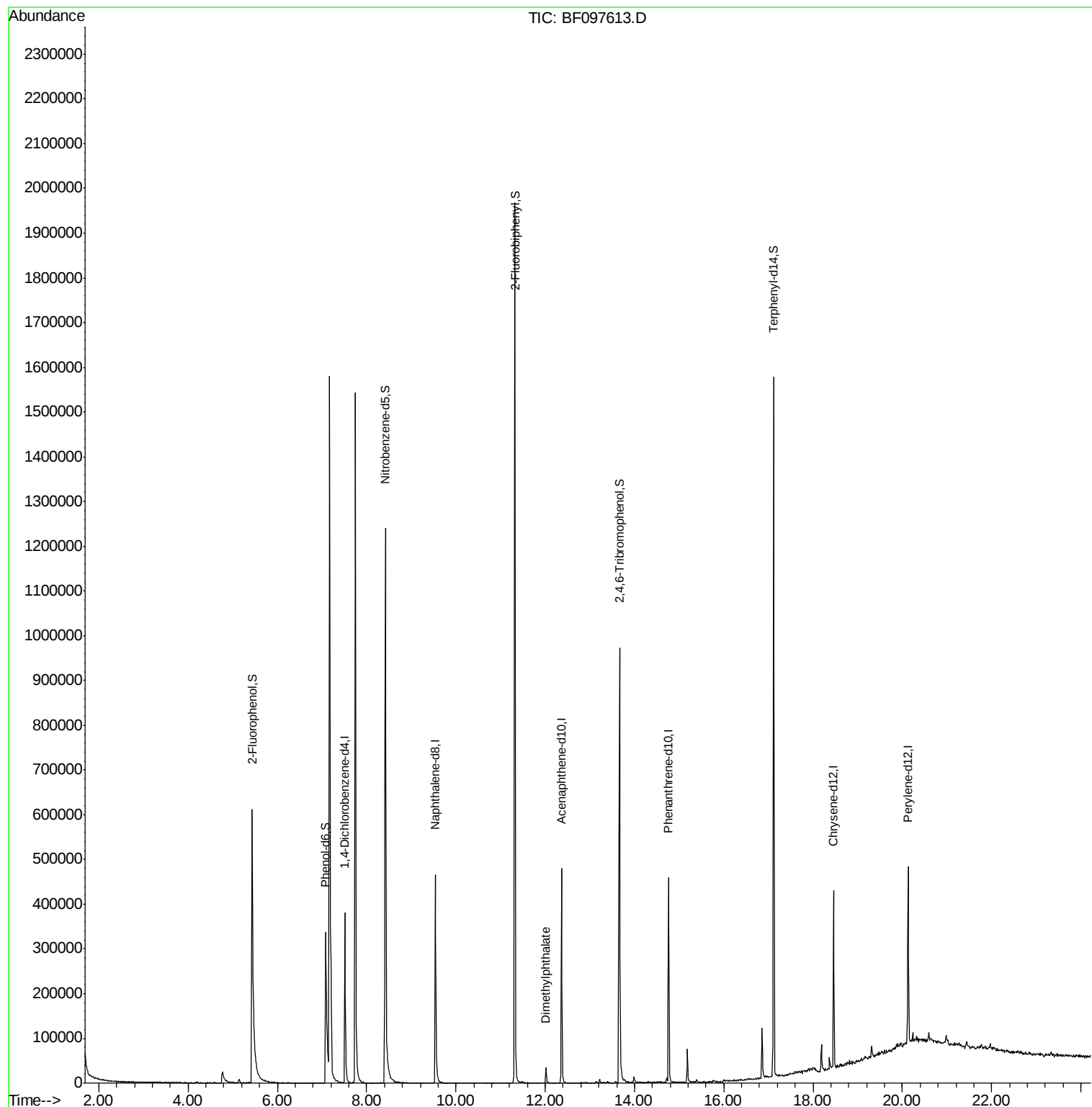
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	88243	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	333660	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	137151	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	229794	20.00	ng	0.00
75) Chrysene-d12	18.46	240	162346	20.00	ng	0.00
86) Perylene-d12	20.13	264	161508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	400172	72.08	ng	0.03
7) Phenol-d6	7.08	99	288242	41.85	ng	0.02
23) Nitrobenzene-d5	8.42	82	595217	111.86	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	154312	148.01	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	878907	96.71	ng	0.00
78) Terphenyl-d14	17.12	244	595973	75.98	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.02	163	25334	2.397	ng	100

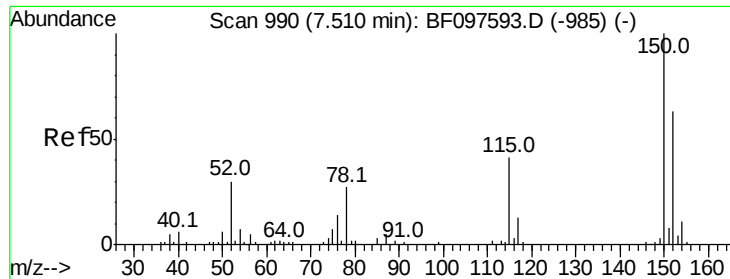
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.51 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

Instrument :

BNA_F

ClientSampleId :

MW-4-080217

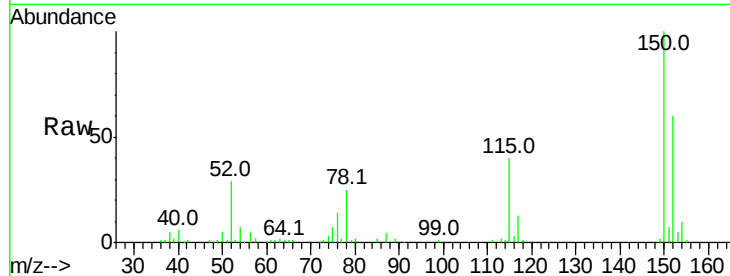
Tot Ion:152 Resp: 88243

Ion Ratio Lower Upper

152 100

150 167.1 126.2 189.2

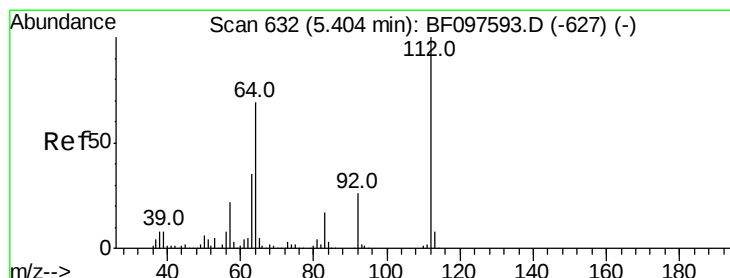
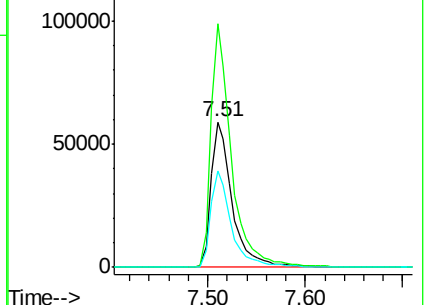
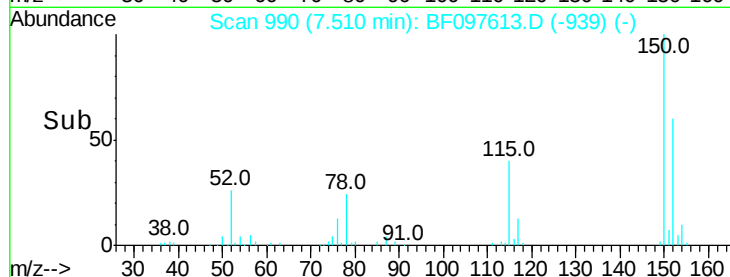
115 66.5 52.2 78.2



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: 72.082 ng

RT: 5.43 min Scan# 637

Delta R.T. 0.03 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

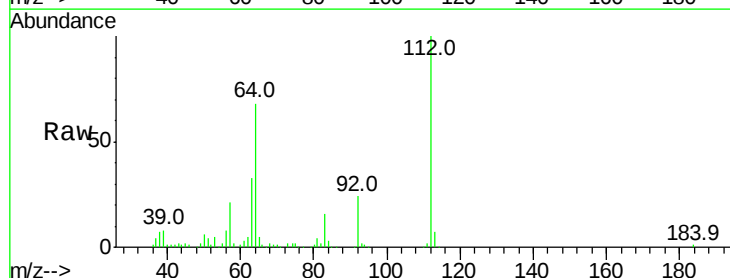
Tgt Ion:112 Resp: 400172

Ion Ratio Lower Upper

112 100

64 68.2 46.0 69.0

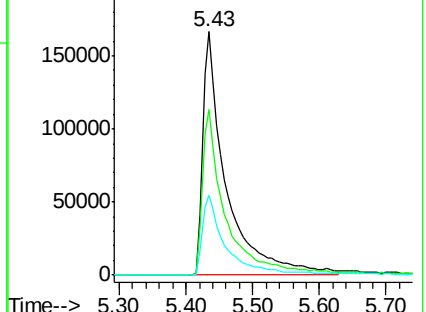
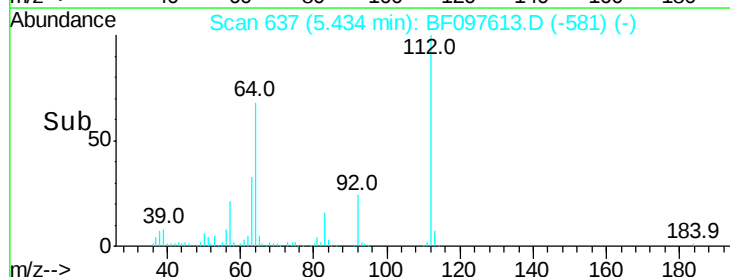
63 33.0 23.4 35.0

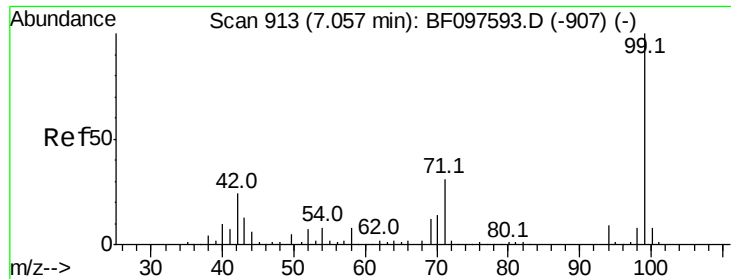


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.854 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

Instrument :

BNA_F

ClientSampleId :

MW-4-080217

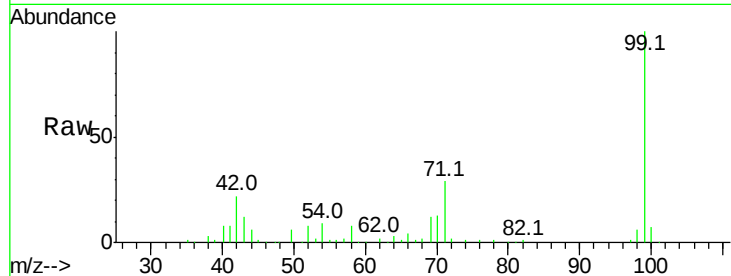
Tot Ion: 99 Resp: 288242

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

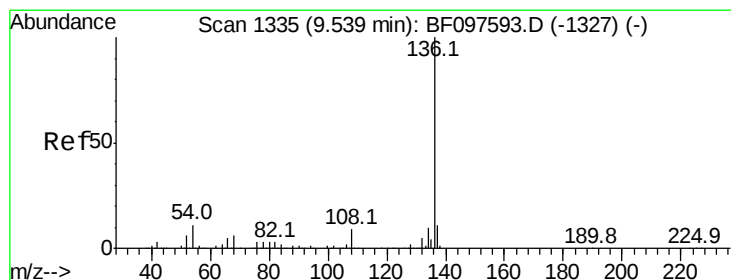
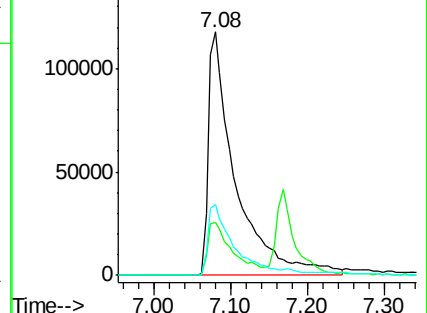
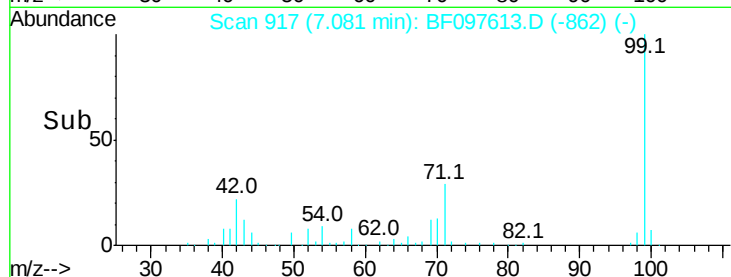
71 29.3 24.5 36.7



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: 20.000 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

Tgt Ion: 136 Resp: 333660

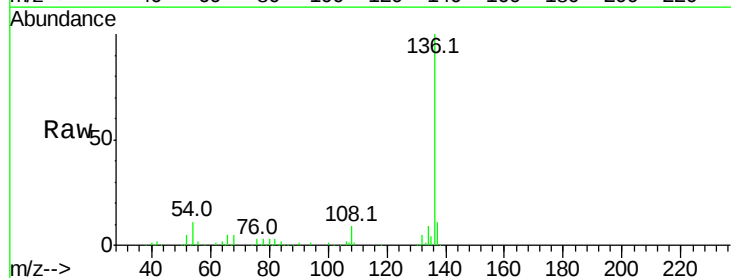
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.6 4.9 7.3#

68 5.4 4.1 6.1

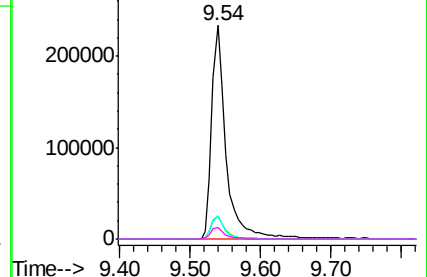
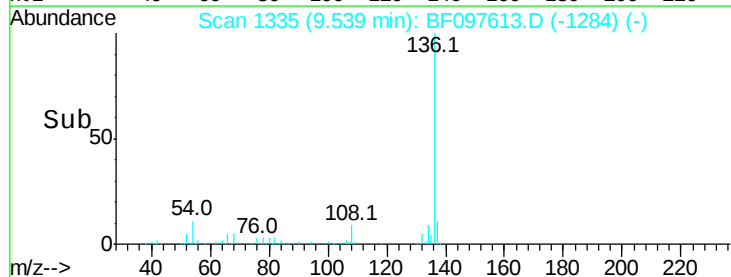


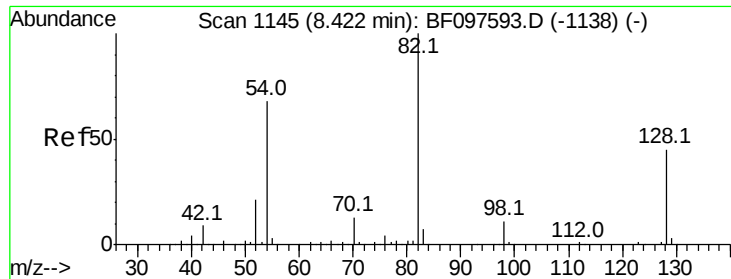
Abundance Ion 136.00 (135.70 to 136.70): E

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

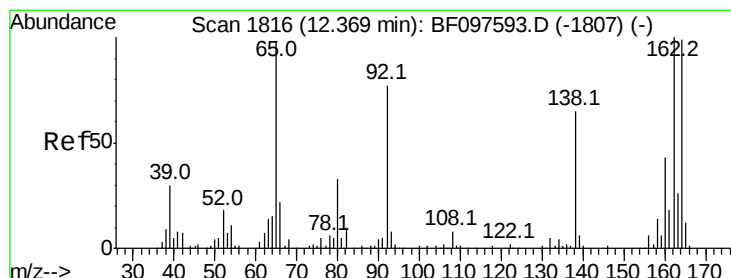
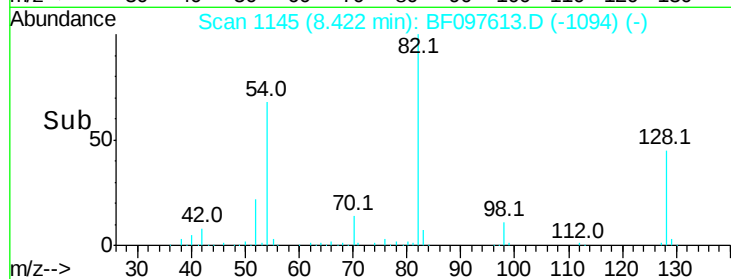
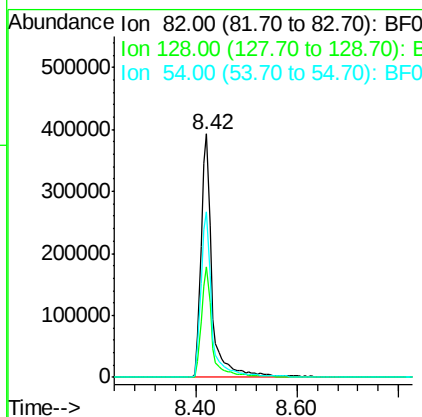
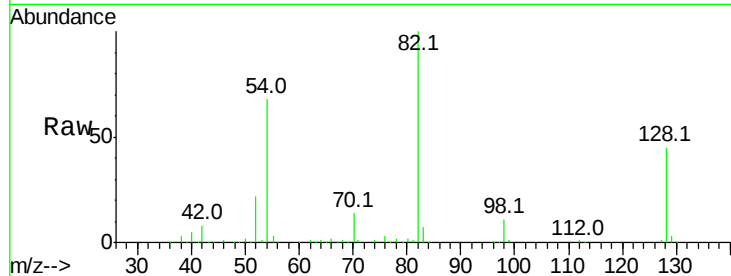




#23
Nitrobenzene-d5
Concen: 111.859 ng
RT: 8.42 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF097613.D
Acq: 12 Aug 2017 1:08

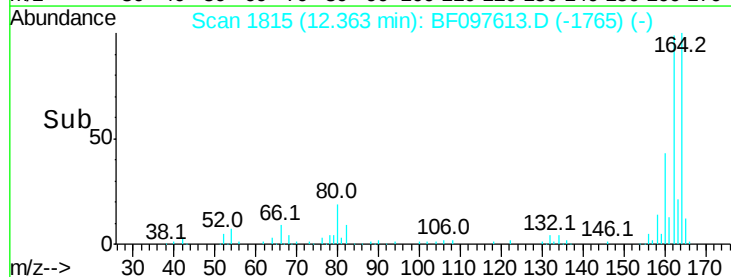
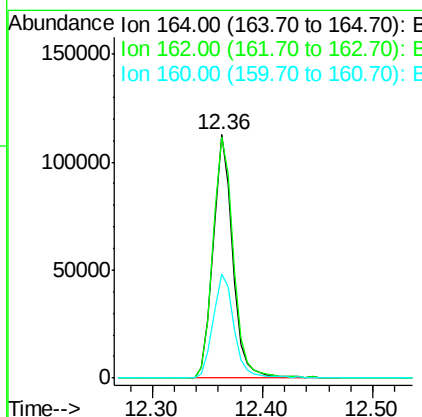
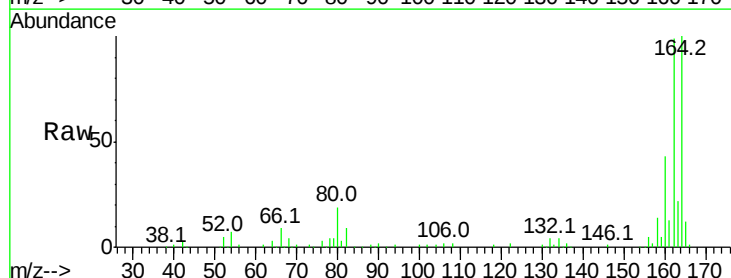
Instrument :
BNA_F
ClientSampleId :
MW-4-080217

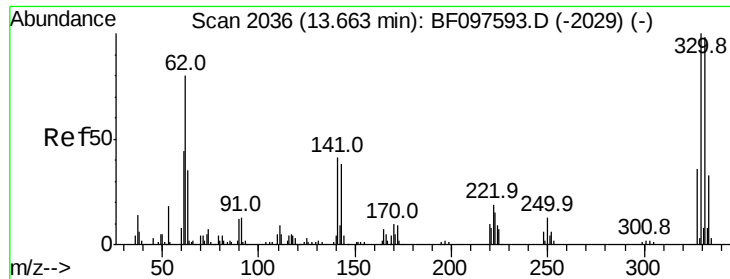
Tot Ion: 82 Resp: 595217
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 67.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097613.D
Acq: 12 Aug 2017 1:08

Tgt Ion:164 Resp: 137151
Ion Ratio Lower Upper
164 100
162 98.8 82.6 123.8
160 42.7 36.2 54.2

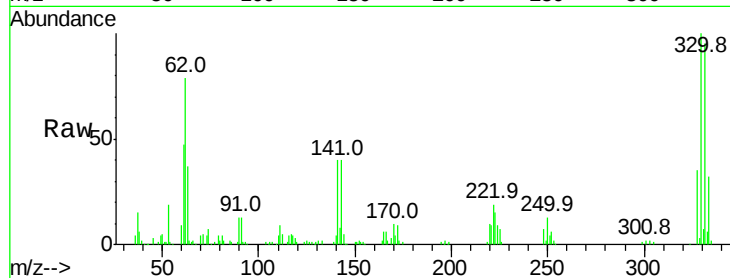




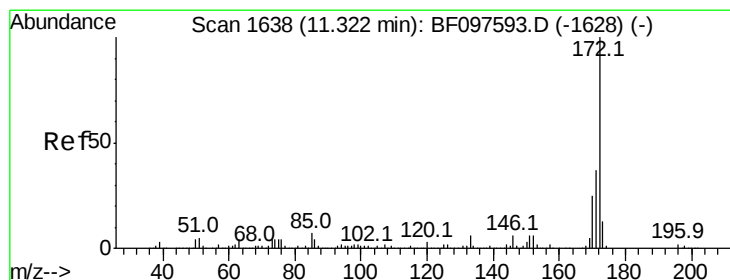
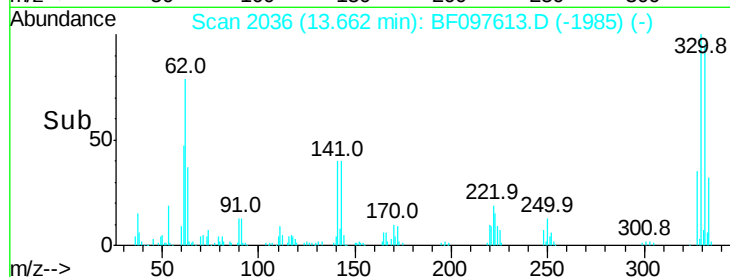
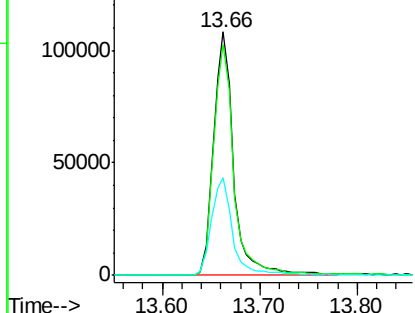
#41
 2,4,6-Tribromophenol
 Concen: 148.007 ng
 RT: 13.66 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF097613.D
 Acq: 12 Aug 2017 1:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-080217

Tot Ion:330 Resp: 154312
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 42.1 31.4 47.2

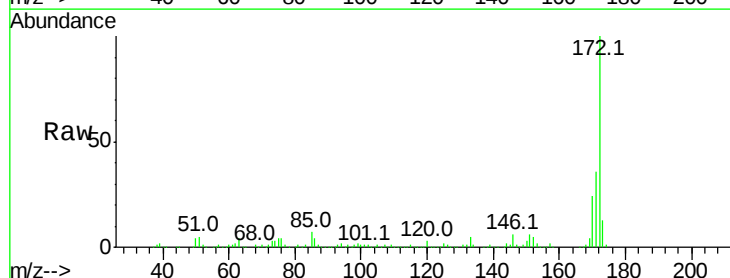


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

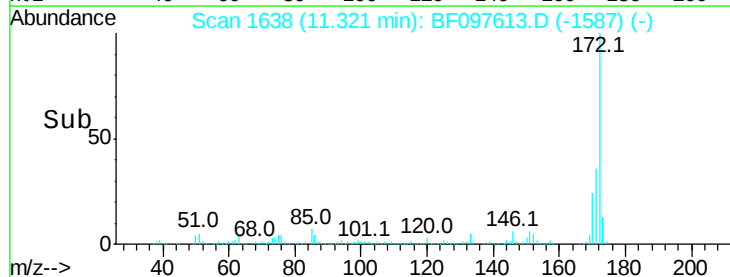
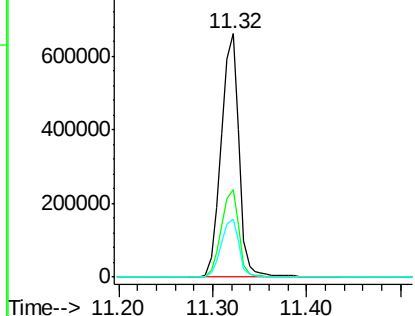


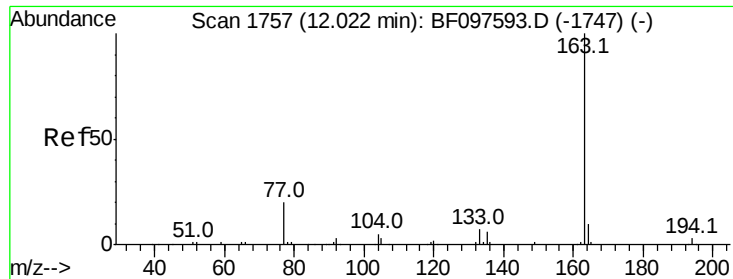
#44
 2-Fluorobiphenyl
 Concen: 96.714 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097613.D
 Acq: 12 Aug 2017 1:08

Tgt Ion:172 Resp: 878907
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 19.8 29.8



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: 2.397 ng

RT: 12.02 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

Instrument :

BNA_F

ClientSampleId :

MW-4-080217

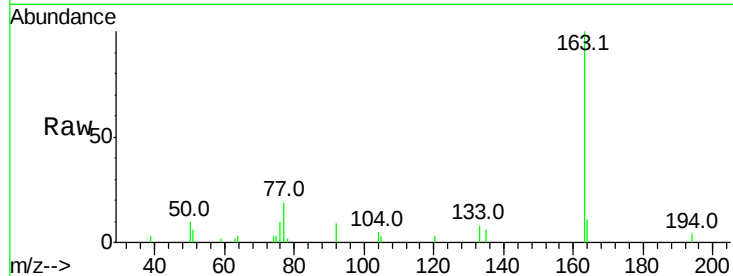
Tot Ion:163 Resp: 25334

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

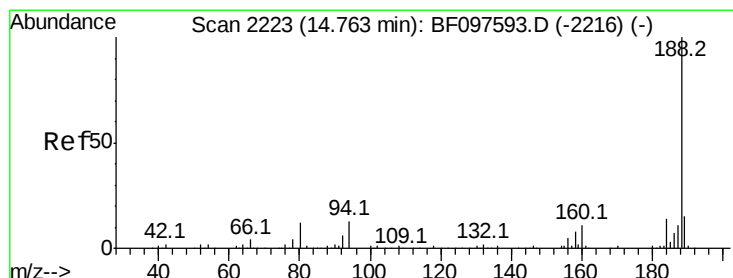
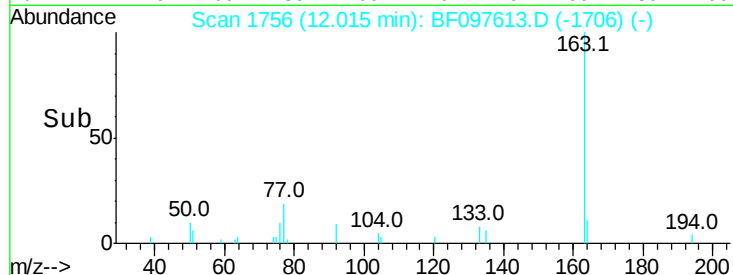
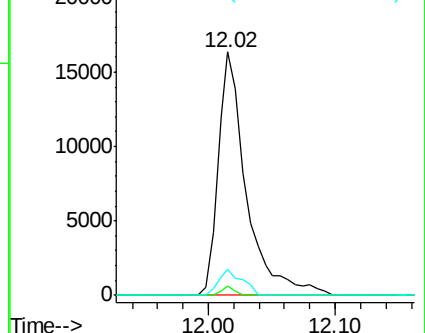
164 10.5 8.4 12.6



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: 20.000 ng

RT: 14.76 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

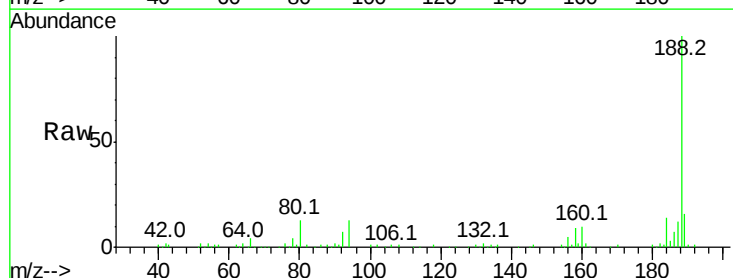
Tgt Ion:188 Resp: 229794

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

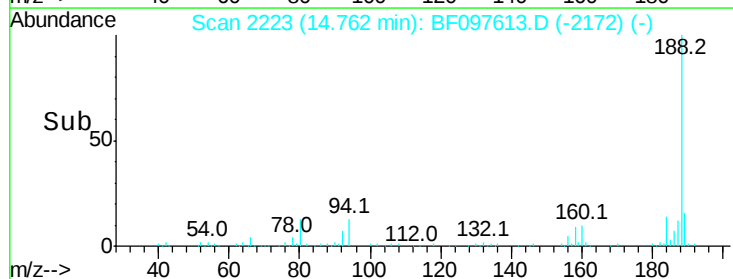
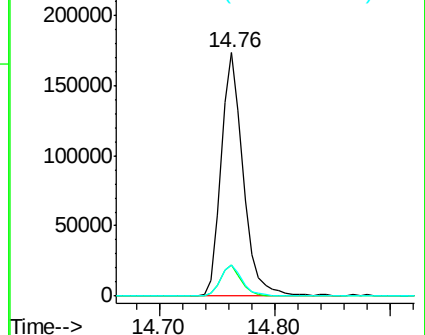
80 12.7 10.2 15.2

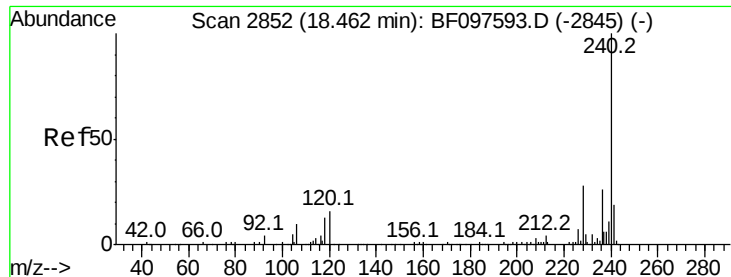


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

Instrument :

BNA_F

ClientSampleId :

MW-4-080217

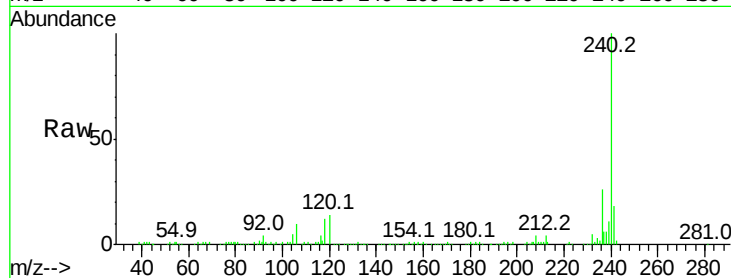
Tot Ion:240 Resp: 162346

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

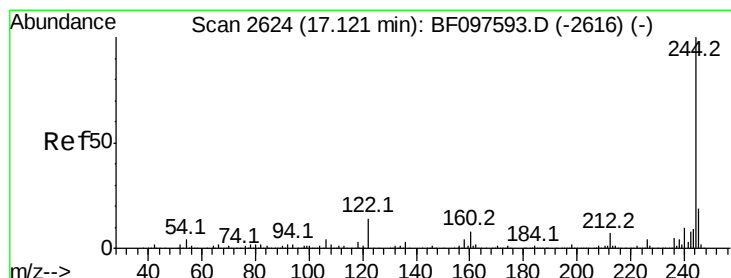
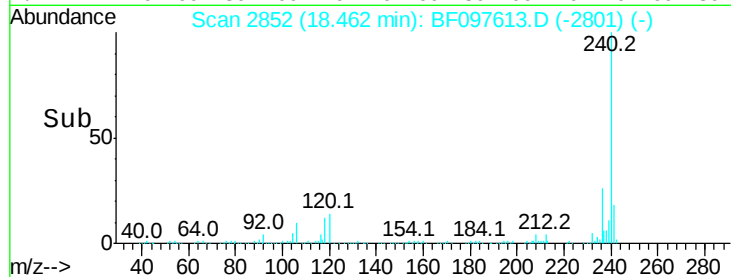
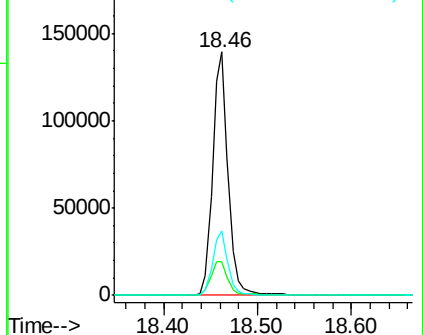
236 26.3 20.5 30.7



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: 75.977 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097613.D

Acq: 12 Aug 2017 1:08

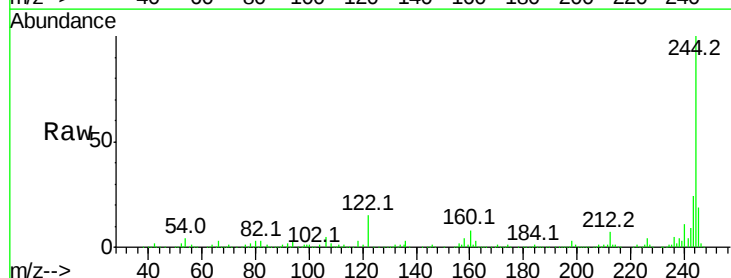
Tgt Ion:244 Resp: 595973

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

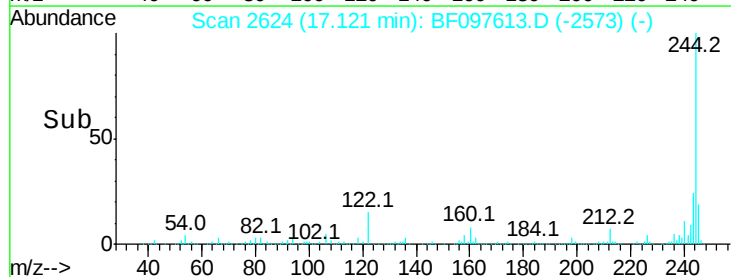
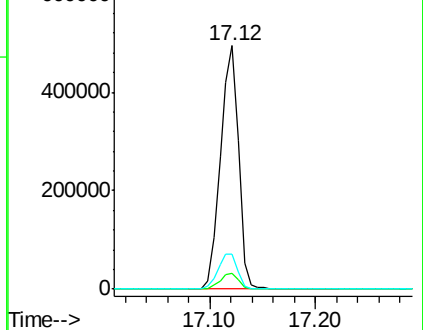
122 14.6 10.3 15.5

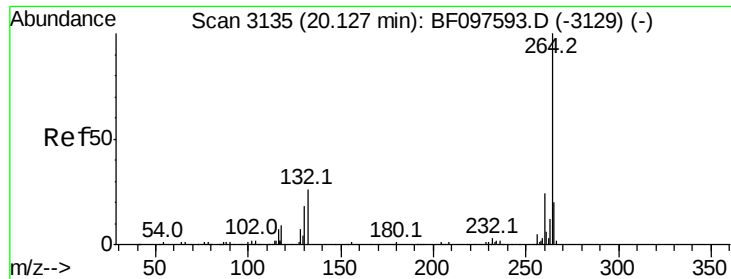


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

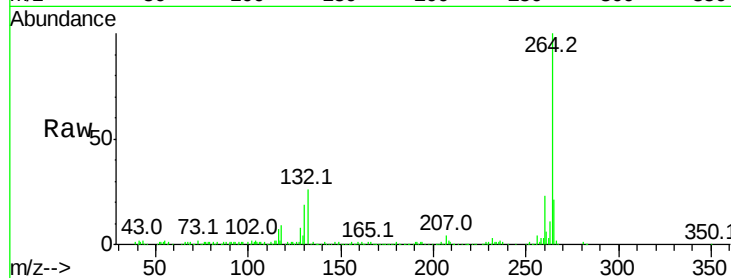




#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.13 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BF097613.D
Acq: 12 Aug 2017 1:08

Instrument :
BNA_F
ClientSampleId :
MW-4-080217

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.9	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

