

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093199.D
 Acq On : 27 Feb 2017 10:48
 Operator : SJ/MA
 Sample : I1980-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R

Quant Time: Feb 27 11:52:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

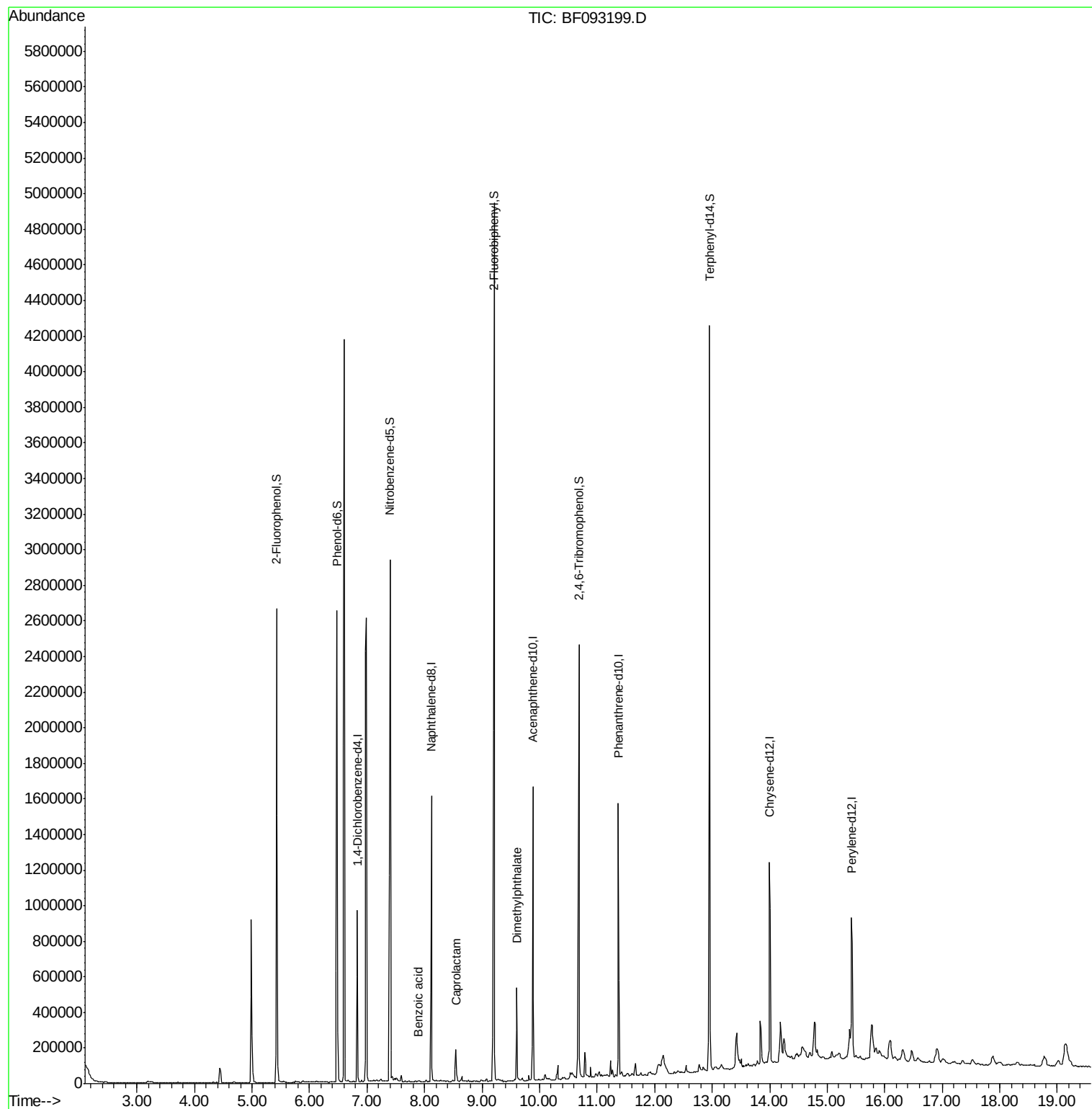
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182216	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	733732	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	327054	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	581567	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	527692	20.00	ng	-0.02
86) Perylene-d12	15.43	264	396205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	867018	81.63	ng	-0.02
7) Phenol-d6	6.48	99	857878	62.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1013814	76.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	308962	130.61	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1668808	92.44	ng	-0.01
78) Terphenyl-d14	12.96	244	1455330	64.80	ng	-0.01
Target Compounds						
32) Benzoic acid	7.89	122	732	7.26	ng	# 81
35) Caprolactam	8.54	113	17913	5.41	ng	# 49
49) Dimethylphthalate	9.61	163	261953	11.89	ng	100

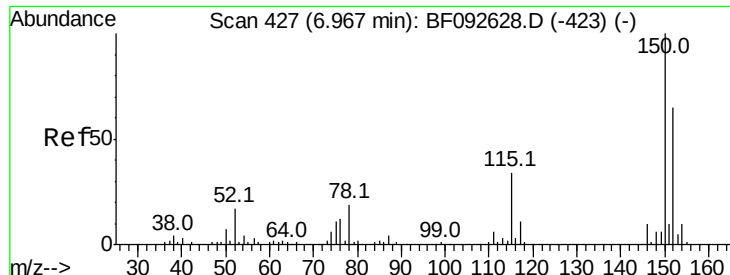
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 17:31:55 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Instrument :

BNA_F

ClientSampleId :

MW-8R

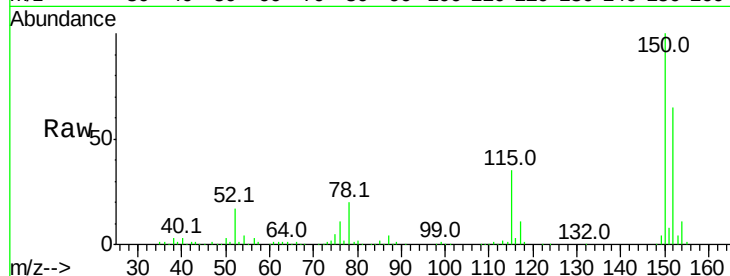
Tot Ion:152 Resp: 182216

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

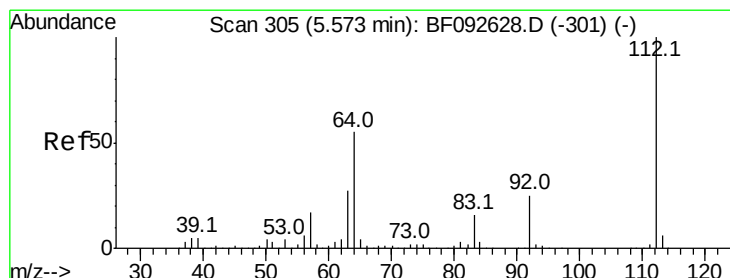
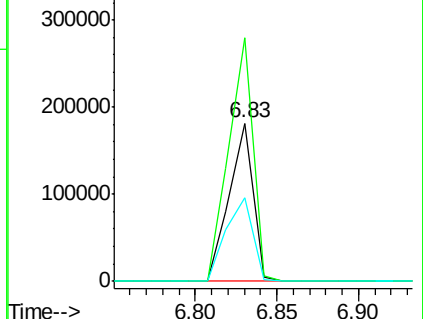
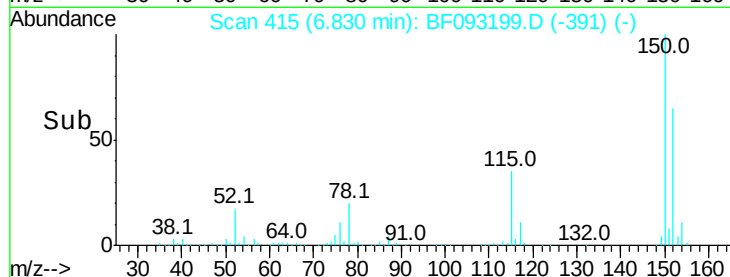
115 53.3 46.0 69.0



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: 81.63 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

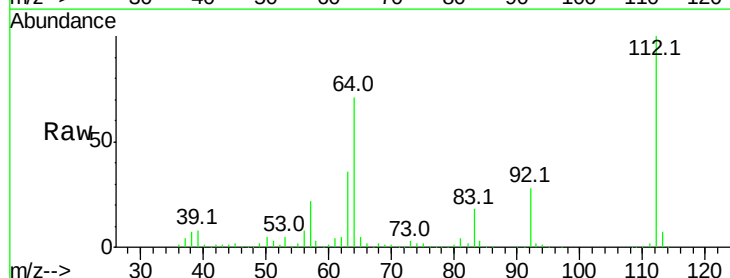
Tgt Ion:112 Resp: 867018

Ion Ratio Lower Upper

112 100

64 71.5 46.1 69.1#

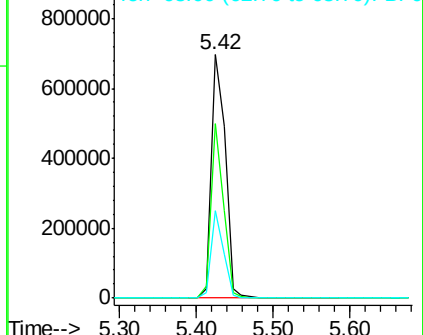
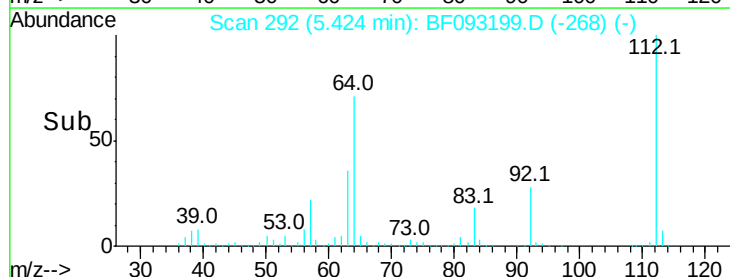
63 36.0 23.8 35.6#

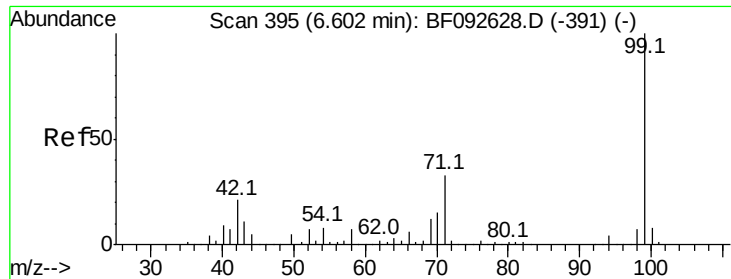


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 62.78 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Instrument :

BNA_F

ClientSampleId :

MW-8R

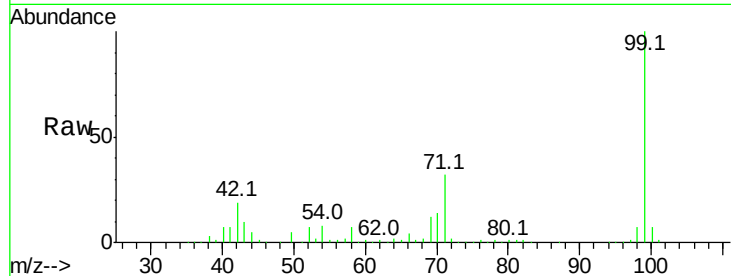
Tot Ion: 99 Resp: 857878

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

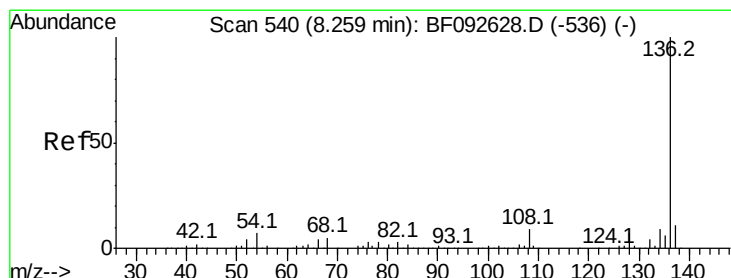
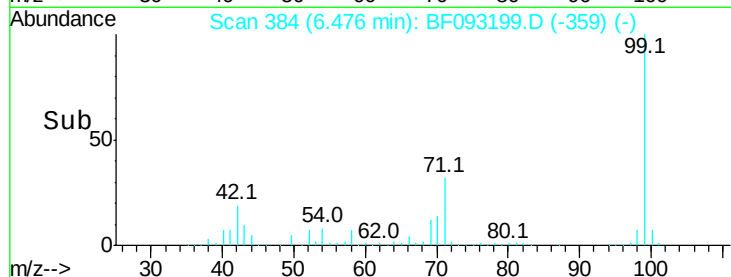
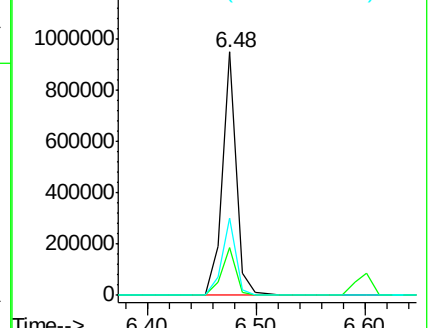
71 31.6 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Tgt Ion: 136 Resp: 733732

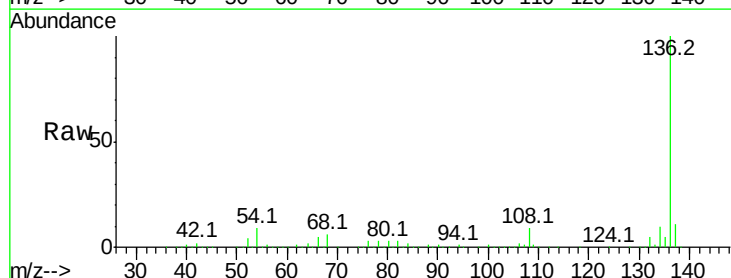
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.0 4.5 6.7#

68 6.3 3.6 5.4#

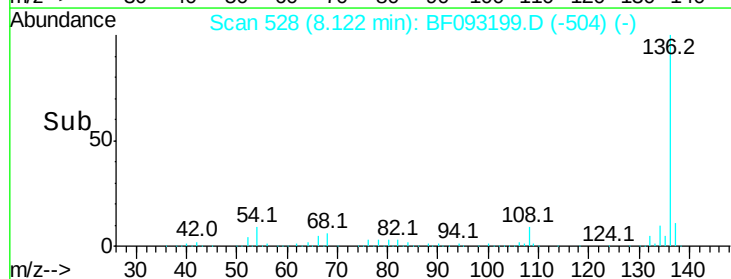
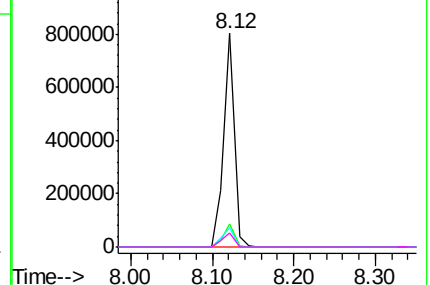


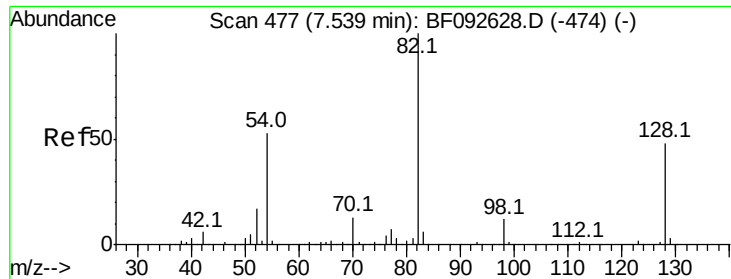
Abundance Ion 136.00 (135.70 to 136.70): E

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



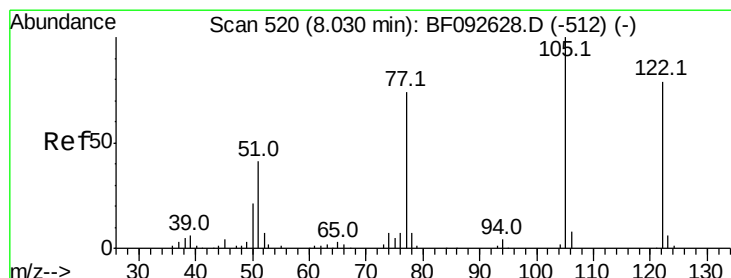
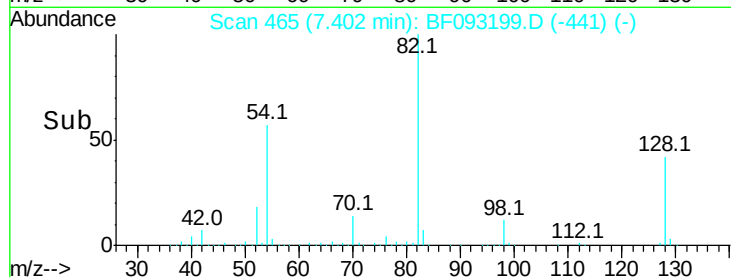
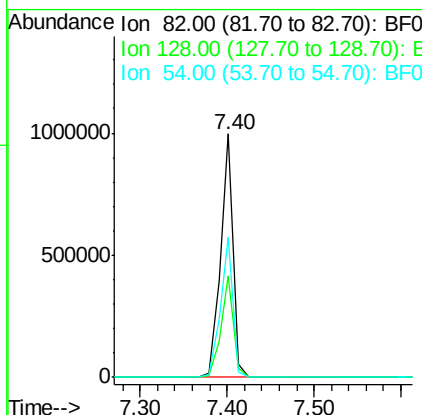
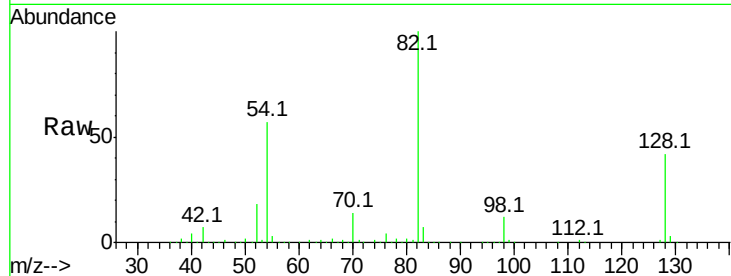


#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093199.D
 Acq: 27 Feb 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R

Tot Ion: 82 Resp: 1013814

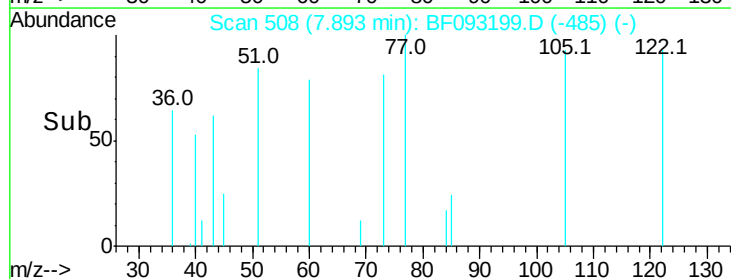
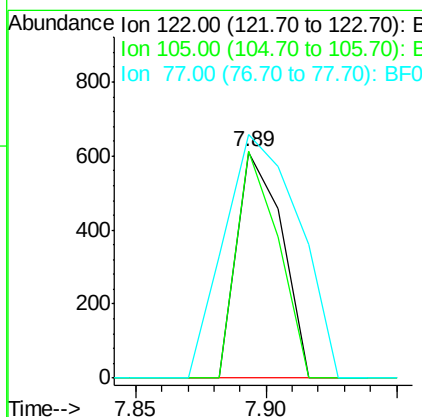
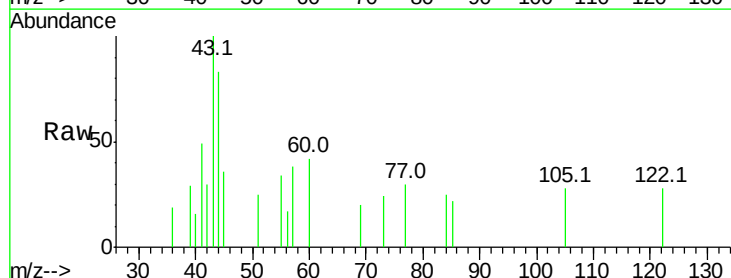
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	57.2	39.5	59.3

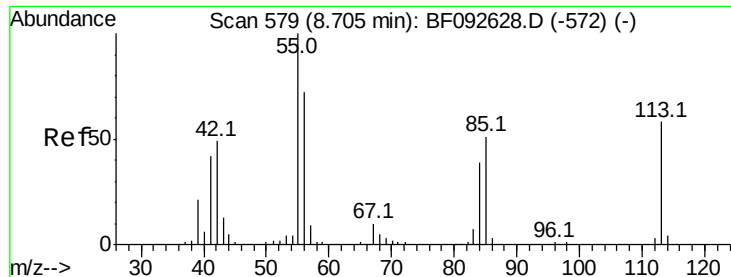


#32
 Benzoic acid
 Concen: 7.26 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF093199.D
 Acq: 27 Feb 2017 10:48

Tgt Ion:122 Resp: 732

Ion	Ratio	Lower	Upper
122	100		
105	100.5	107.2	147.2#
77	107.7	74.5	114.5





#35

Caprolactam

Concen: 5.41 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Instrument :

BNA_F

ClientSampled :

MW-8R

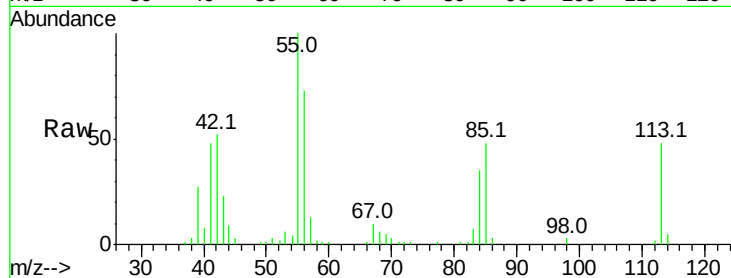
Tot Ion:113 Resp: 17913

Ion Ratio Lower Upper

113 100

55 206.7 119.2 159.2#

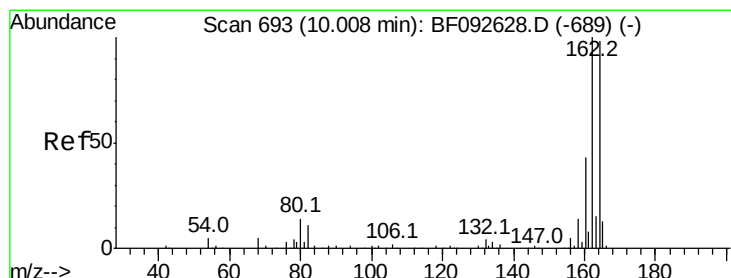
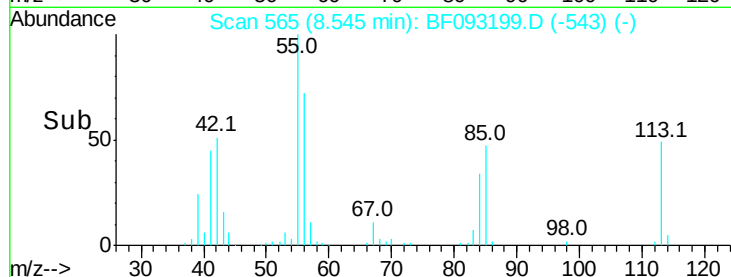
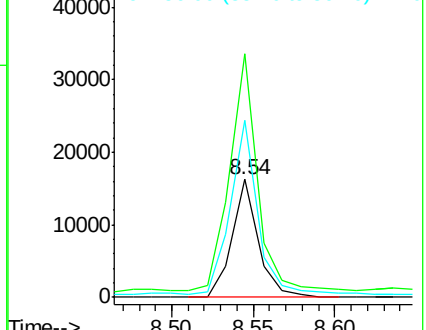
56 150.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

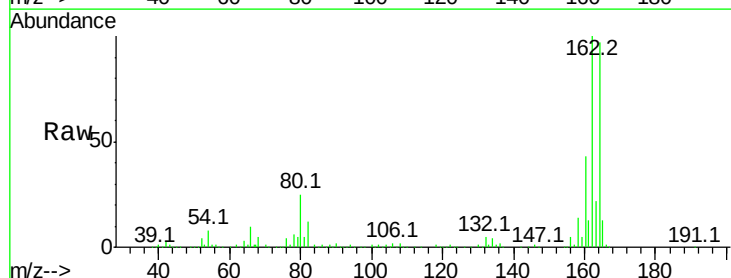
Tgt Ion:164 Resp: 327054

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

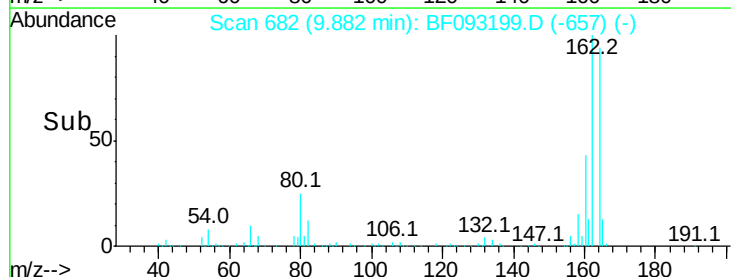
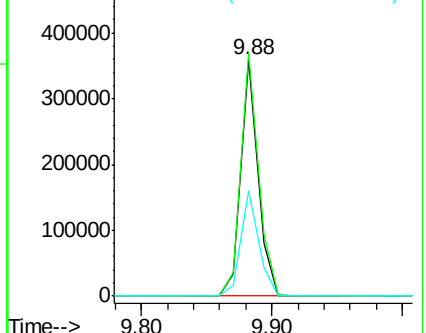
160 44.6 36.9 55.3

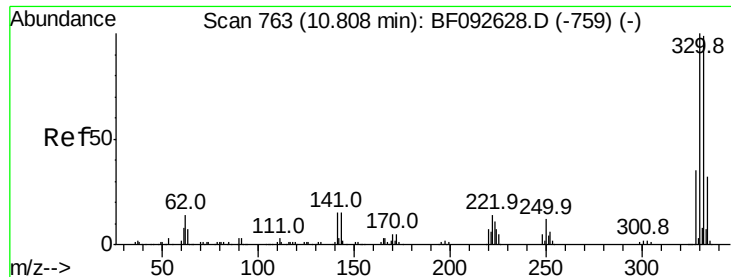


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

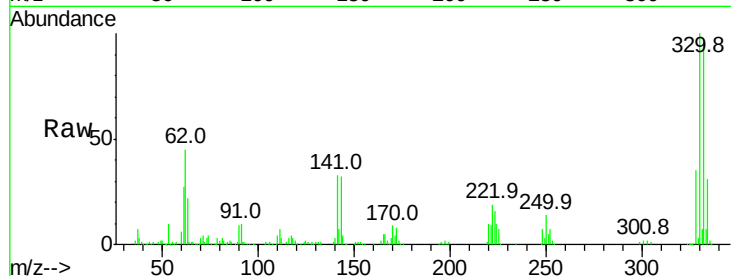




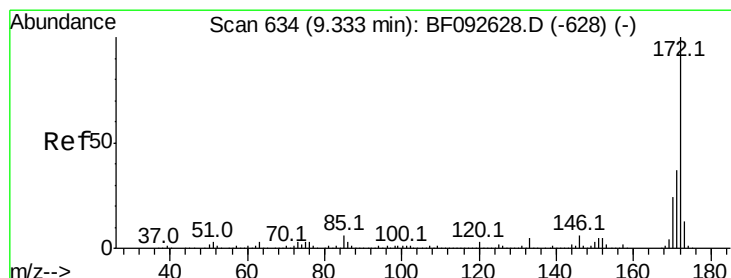
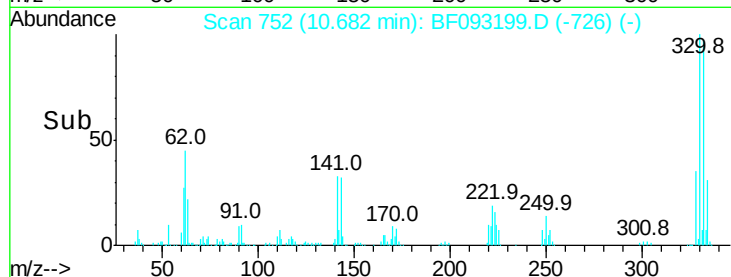
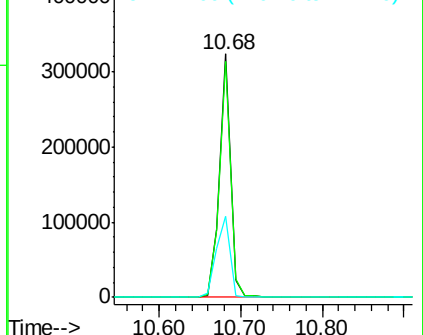
#41
 2,4,6-Tribromophenol
 Concen: 130.61 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093199.D
 Acq: 27 Feb 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R

Tot Ion:330 Resp: 308962
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.1 34.1 51.1

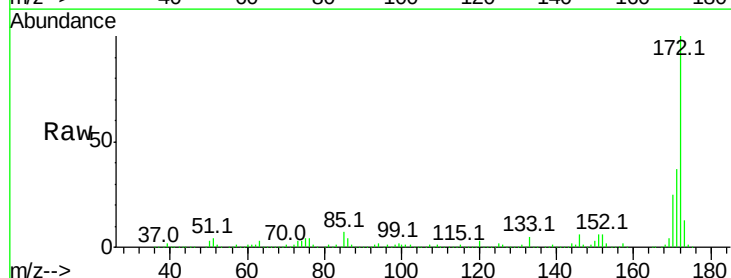


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

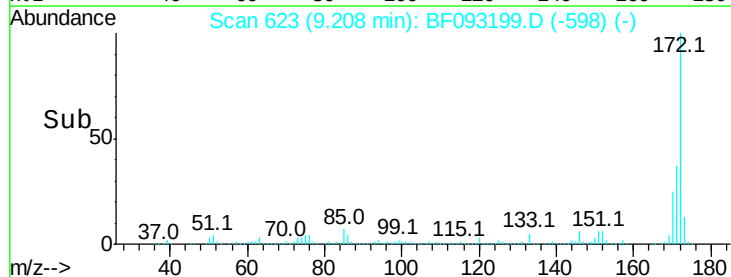
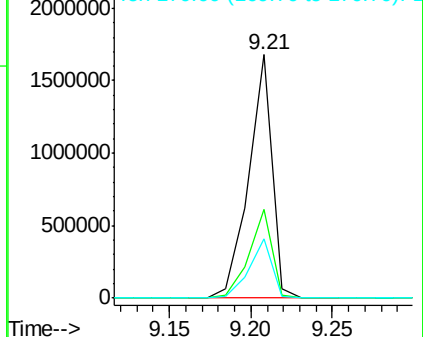


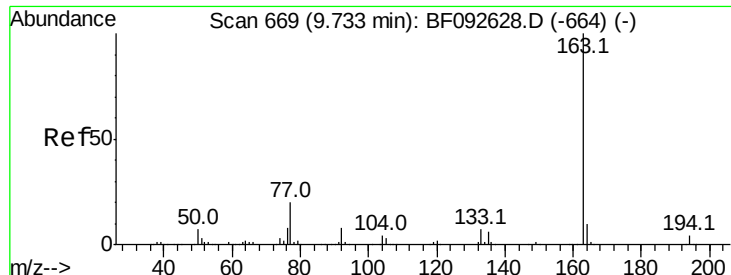
#44
 2-Fluorobiphenyl
 Concen: 92.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093199.D
 Acq: 27 Feb 2017 10:48

Tgt Ion:172 Resp: 1668808
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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: 11.89 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Instrument :

BNA_F

ClientSampleId :

MW-8R

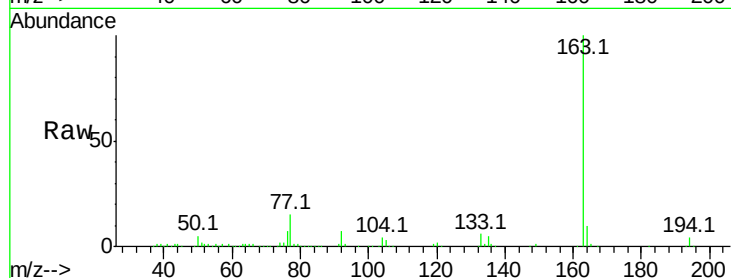
Tot Ion:163 Resp: 261953

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

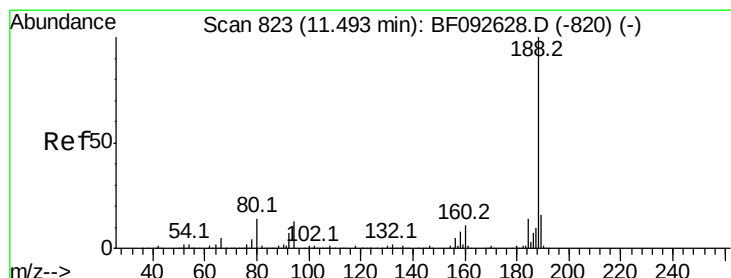
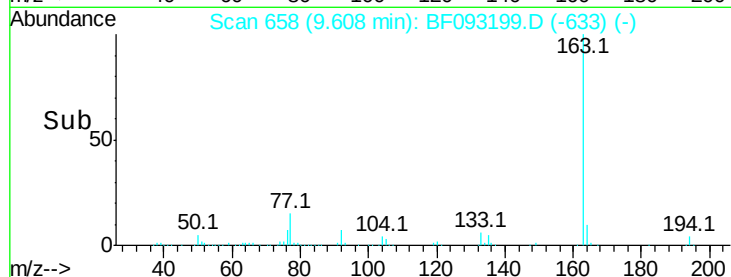
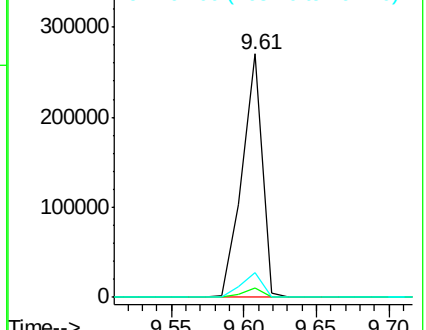
164 9.9 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

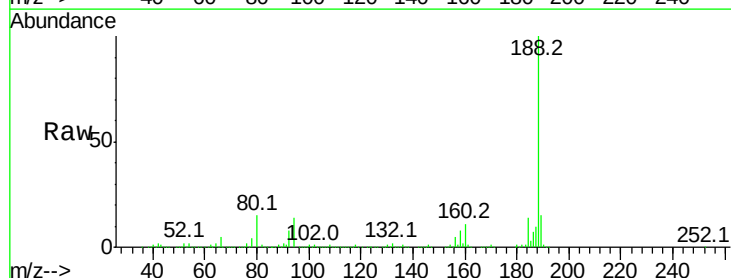
Tgt Ion:188 Resp: 581567

Ion Ratio Lower Upper

188 100

94 14.1 10.0 15.0

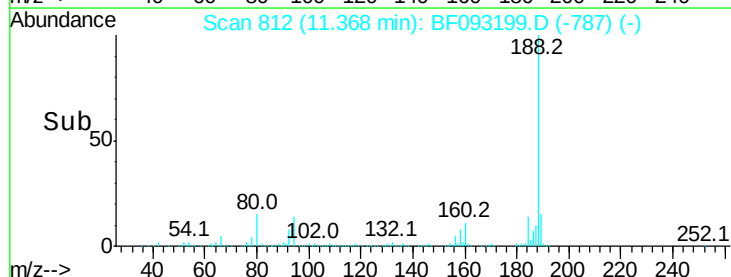
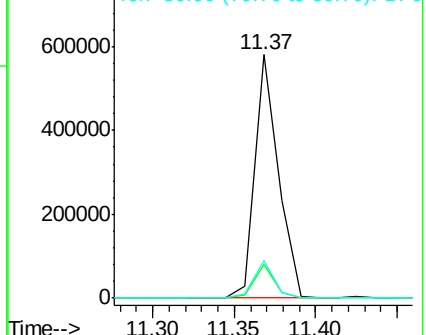
80 15.3 11.2 16.8

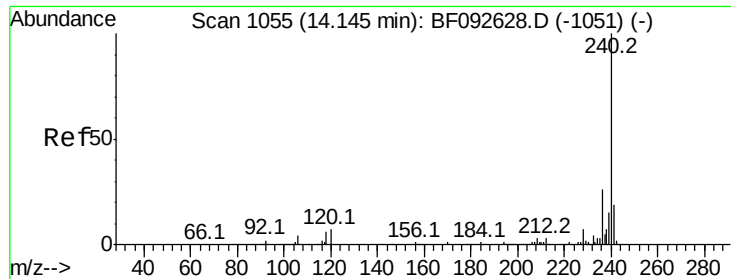


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

Instrument :

BNA_F

ClientSampleId :

MW-8R

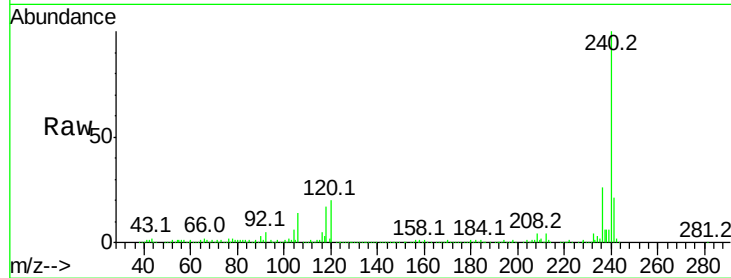
Tot Ion:240 Resp: 527692

Ion Ratio Lower Upper

240 100

120 19.5 12.9 19.3#

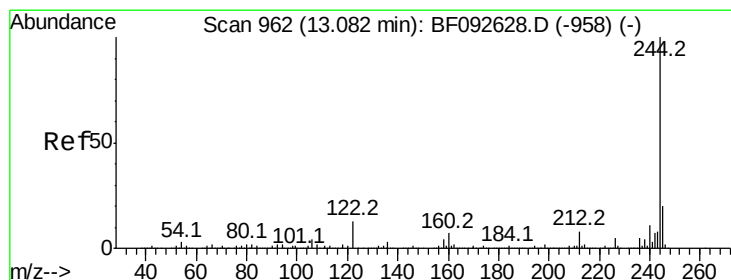
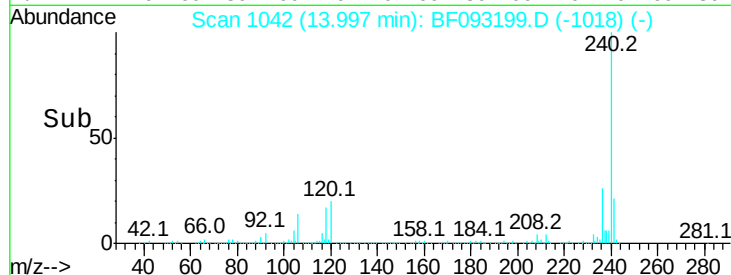
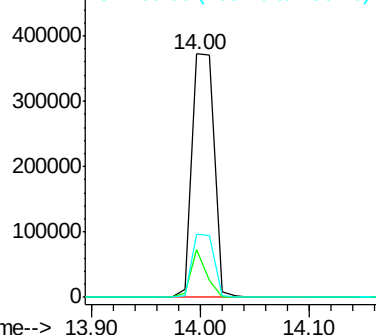
236 25.9 20.9 31.3



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: 64.80 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093199.D

Acq: 27 Feb 2017 10:48

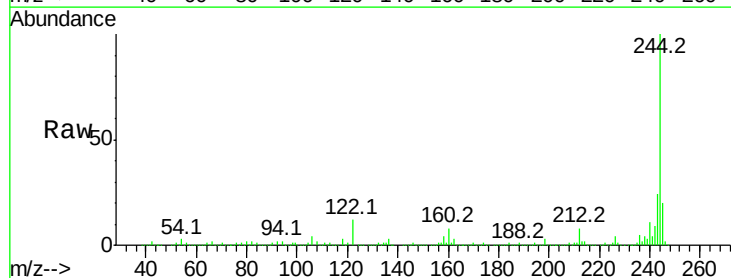
Tgt Ion:244 Resp: 1455330

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

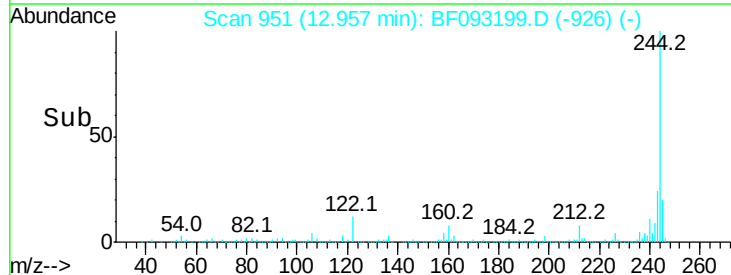
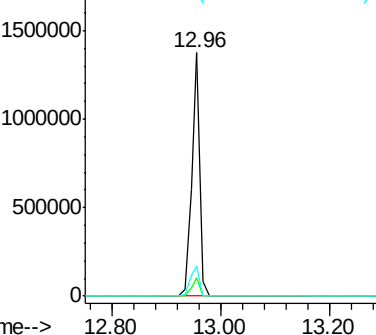
122 12.4 11.4 17.2

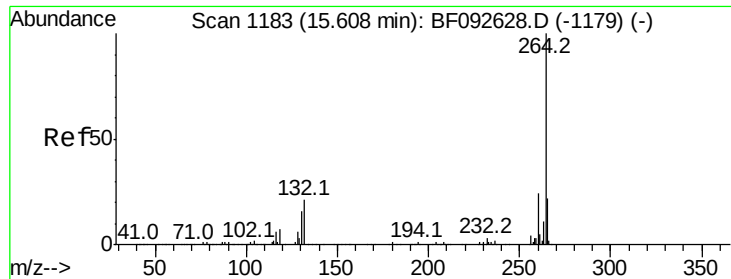


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093199.D
Acq: 27 Feb 2017 10:48

Instrument :
BNA_F
ClientSampleId :
MW-8R

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.4	26.0

