

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094930.D
 Acq On : 5 May 2017 22:19
 Operator : SJ/MA
 Sample : I2949-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 23:49:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

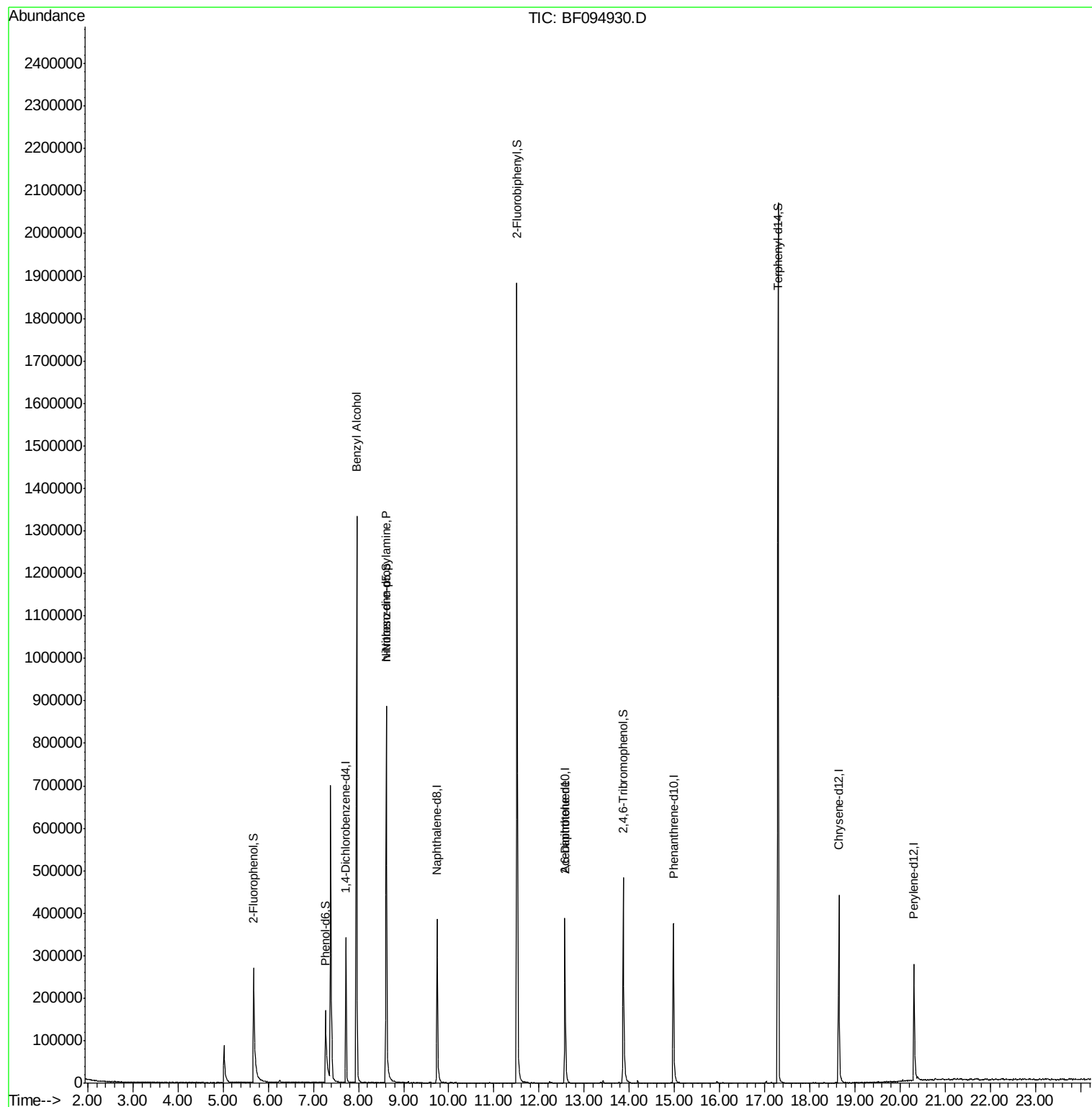
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71717	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	293062	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	136899	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	256827	20.00	ng	0.00
75) Chrysene-d12	18.64	240	236777	20.00	ng	-0.01
86) Perylene-d12	20.31	264	168028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	200286	46.56	ng	0.00
7) Phenol-d6	7.27	99	173082	33.53	ng	-0.01
23) Nitrobenzene-d5	8.62	82	429581	92.43	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	95764	85.42	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	917313	96.45	ng	-0.02
78) Terphenyl-d14	17.30	244	854378	79.48	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	6815	2.05	ng	# 34
19) n-Nitroso-di-n-propylamine	8.62	70	54758	15.69	ng	# 74
50) 2,6-Dinitrotoluene	12.57	165	11635	5.07	ng	# 31

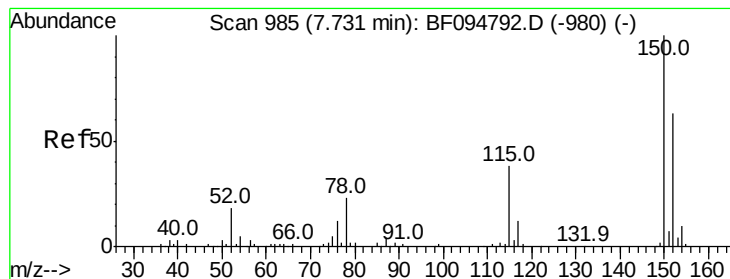
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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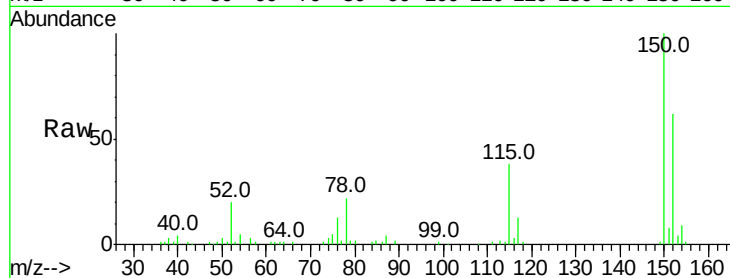


#1

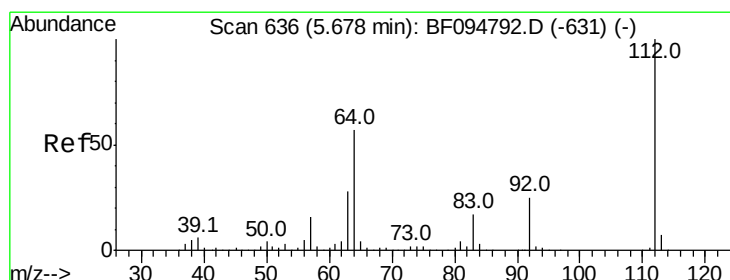
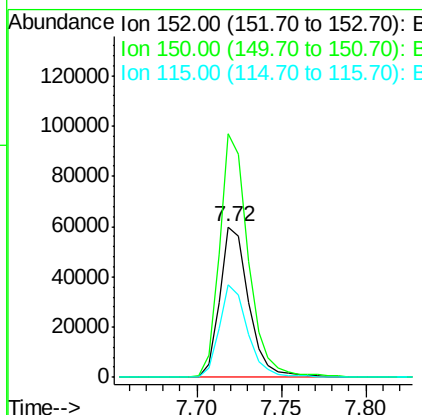
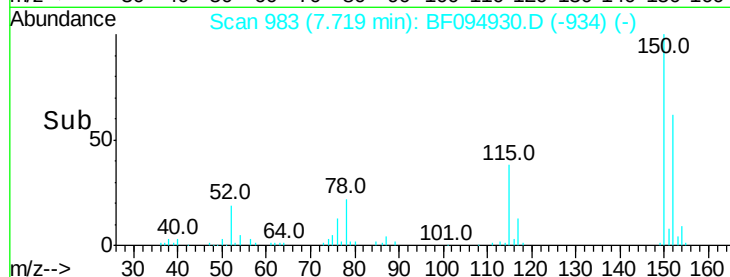
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094930.D
Acq: 5 May 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71717
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 61.8 52.2 78.2



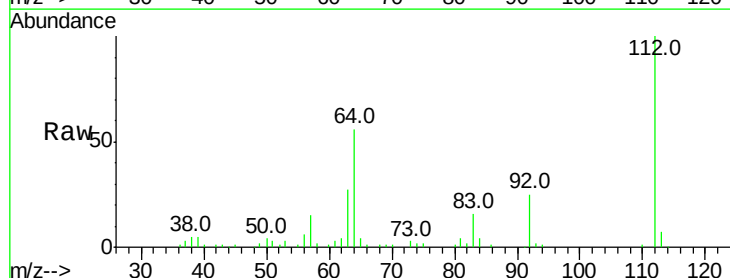
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



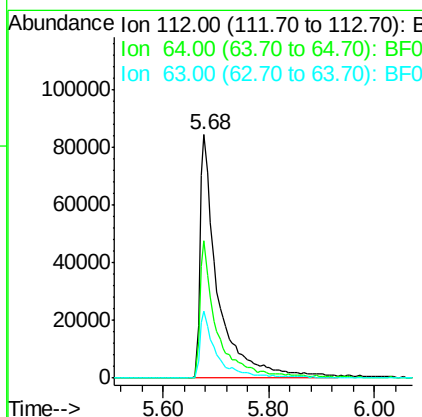
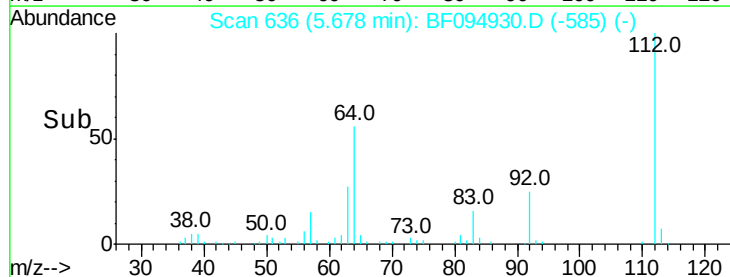
#5

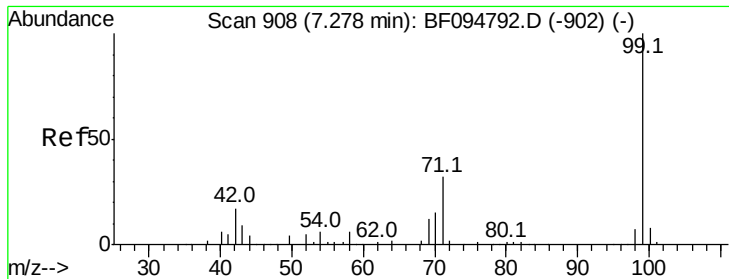
2-Fluorophenol
Concen: 46.56 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094930.D
Acq: 5 May 2017 22:19

Tgt Ion:112 Resp: 200286
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 27.5 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: 33.53 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

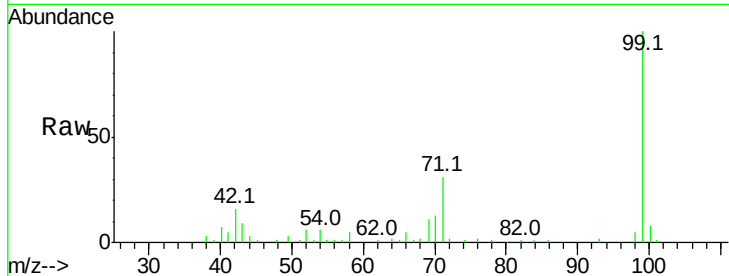
Tot Ion: 99 Resp: 173082

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

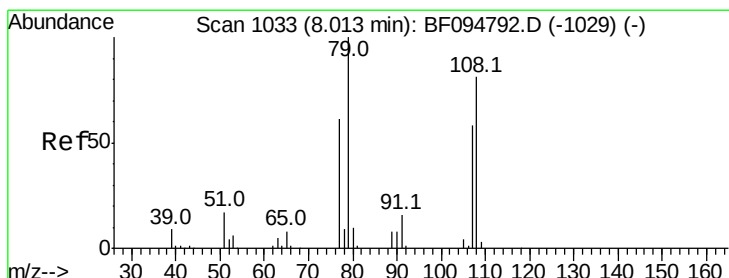
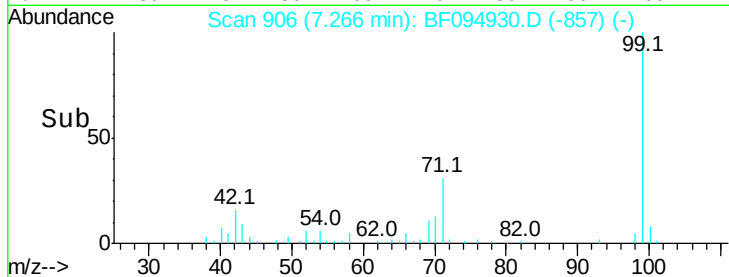
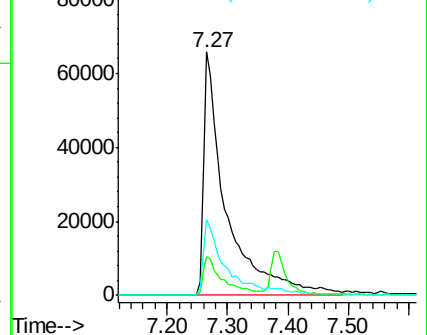
71 31.3 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

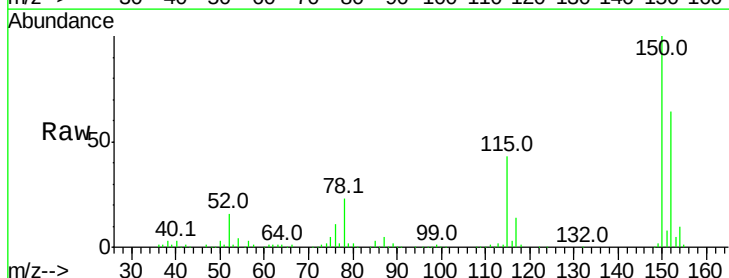
Tgt Ion: 79 Resp: 6815

Ion Ratio Lower Upper

79 100

108 20.7 63.4 95.0#

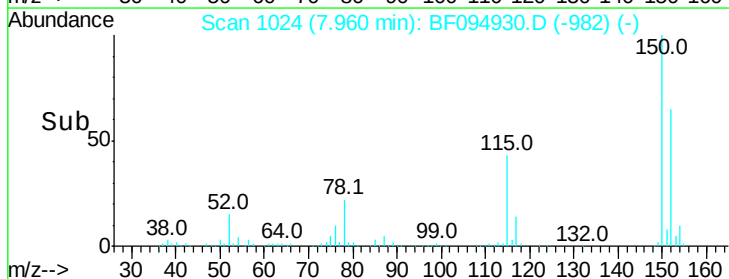
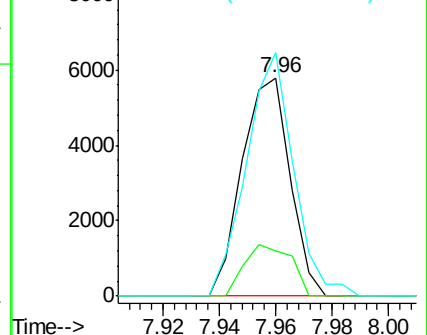
77 111.6 49.2 73.8#

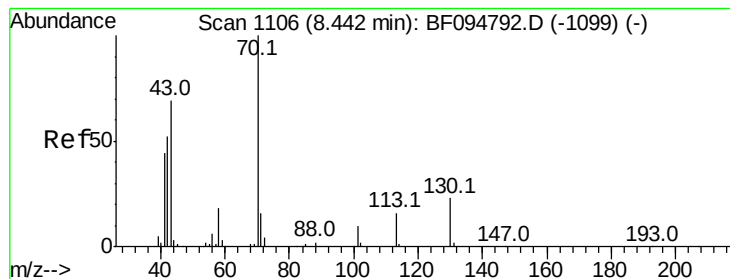


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.69 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54758

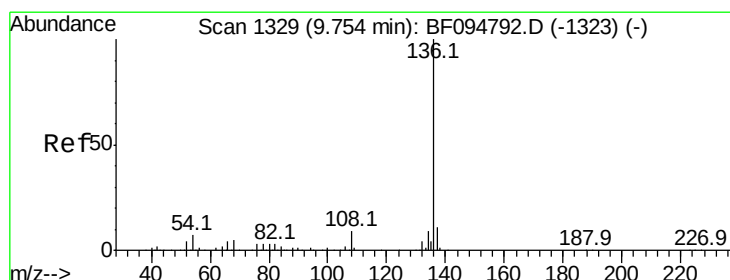
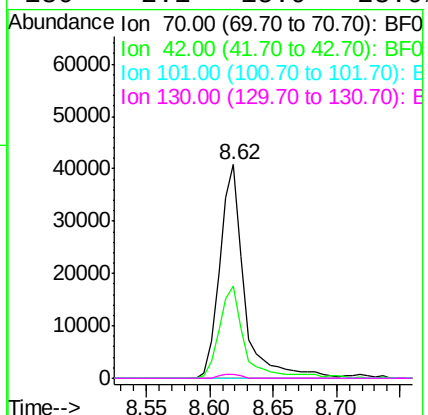
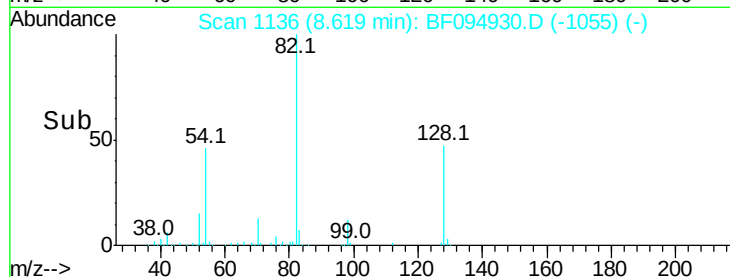
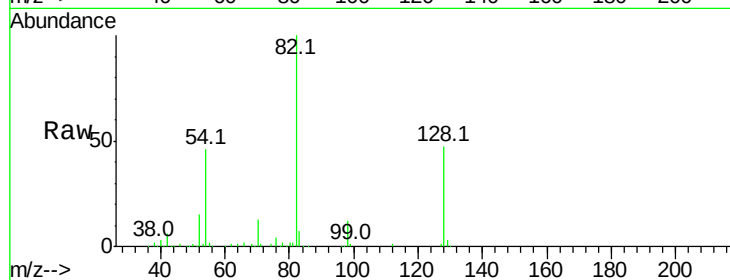
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Tgt Ion:136 Resp: 293062

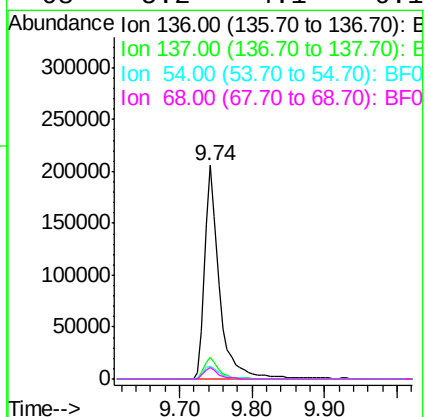
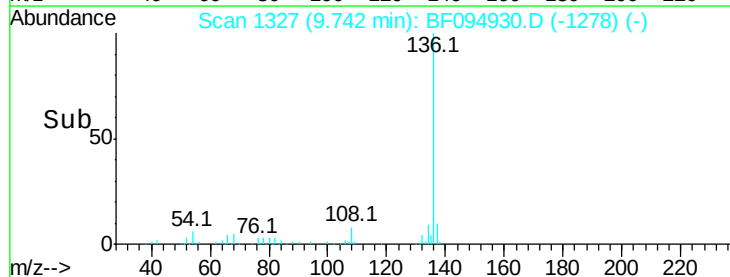
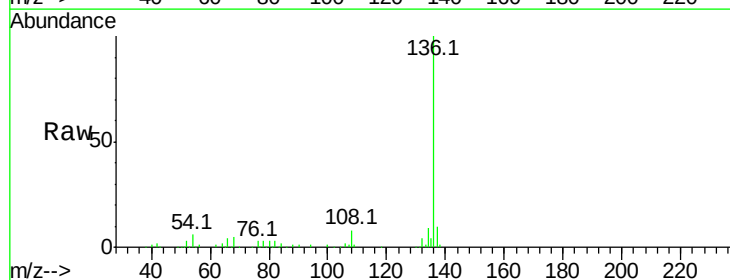
Ion Ratio Lower Upper

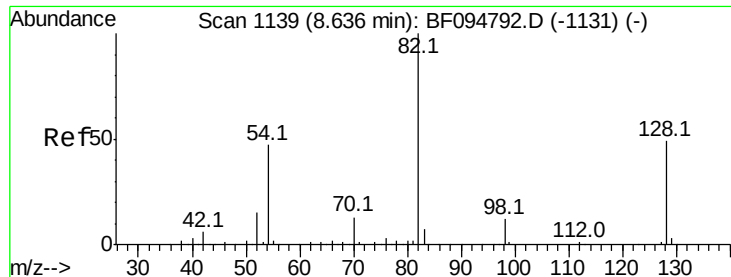
136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 92.43 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

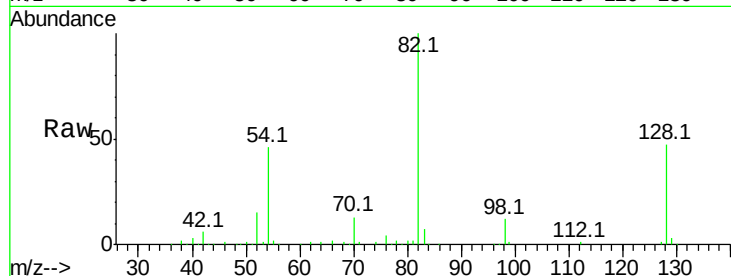
Tot Ion: 82 Resp: 429581

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

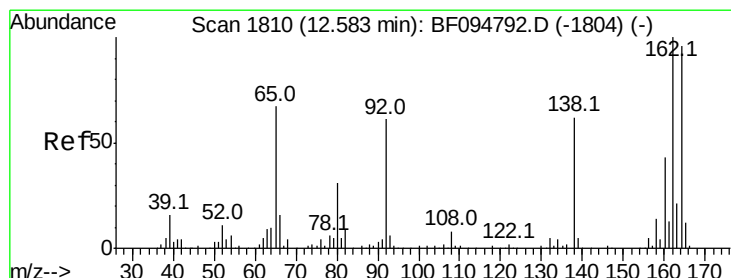
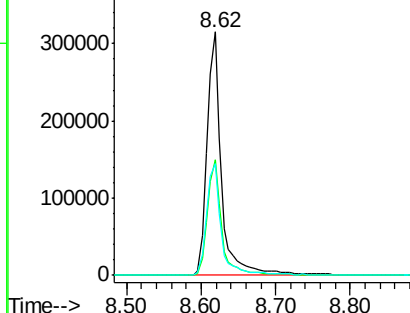
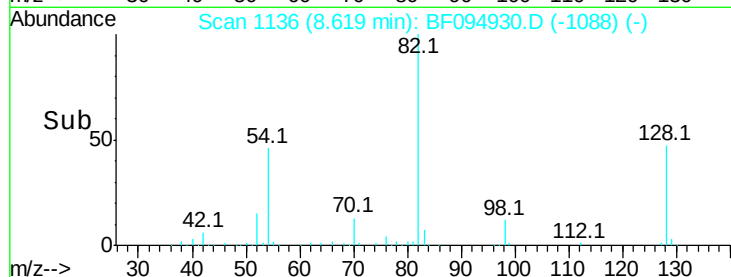
54 45.8 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

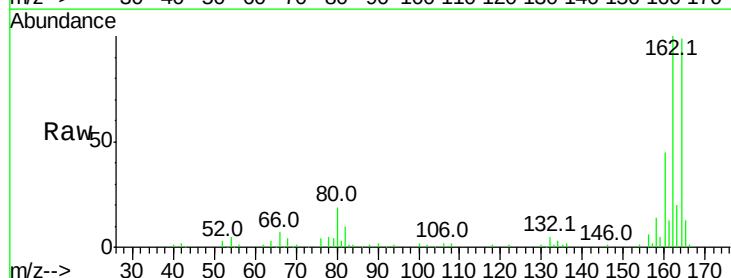
Tgt Ion:164 Resp: 136899

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

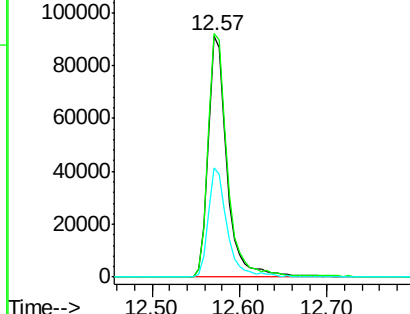
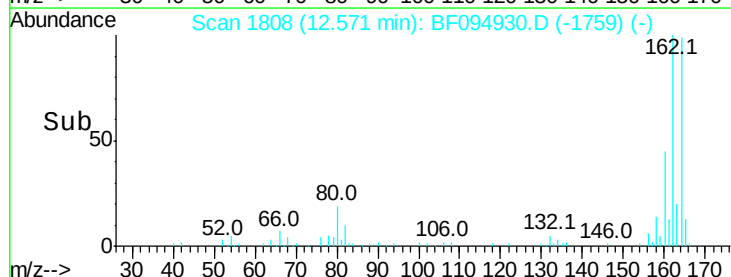
160 45.2 36.2 54.2

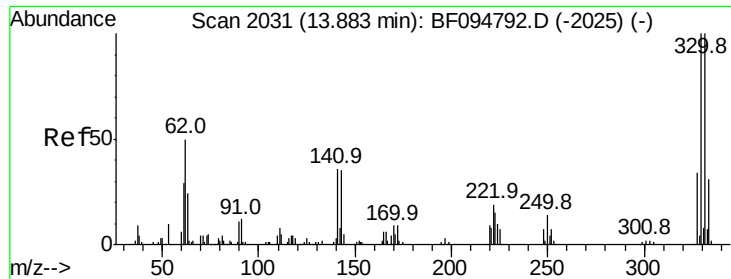


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

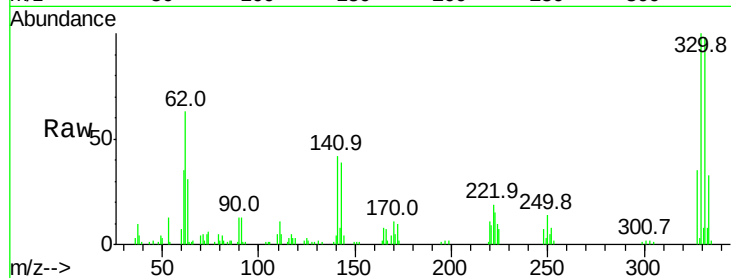




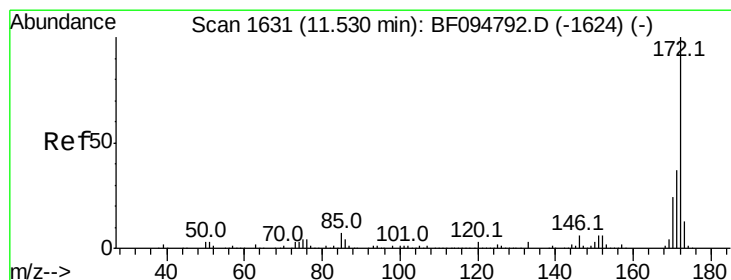
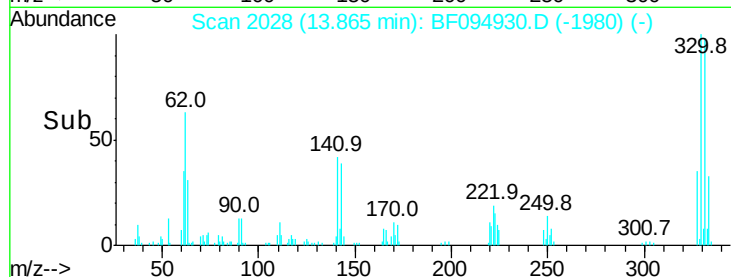
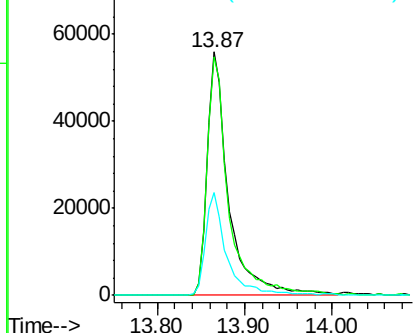
#41
 2,4,6-Tribromophenol
 Concen: 85.42 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 95764
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 41.0 31.4 47.2

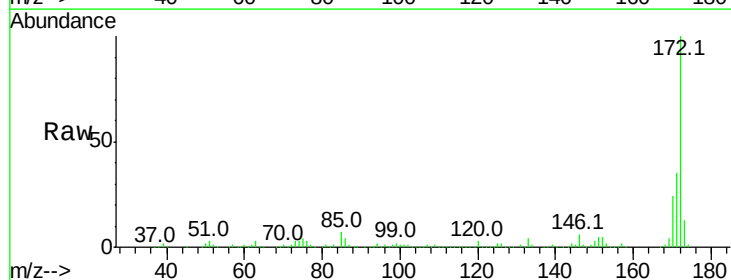


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

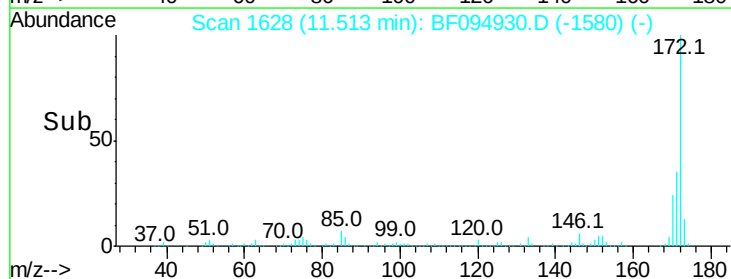
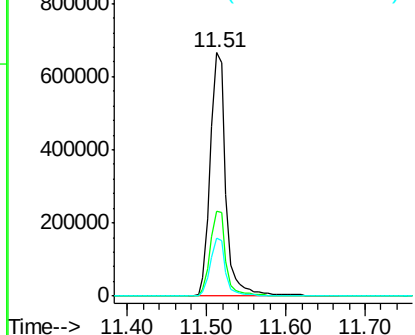


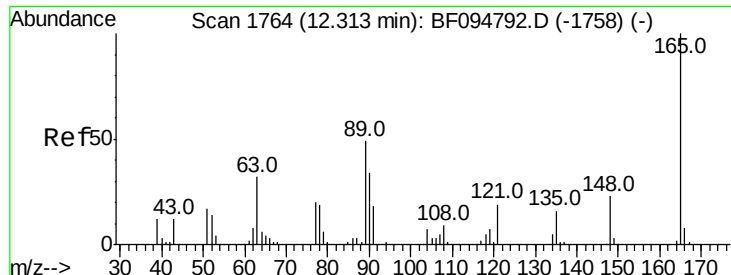
#44
 2-Fluorobiphenyl
 Concen: 96.45 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Tgt Ion:172 Resp: 917313
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.6 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

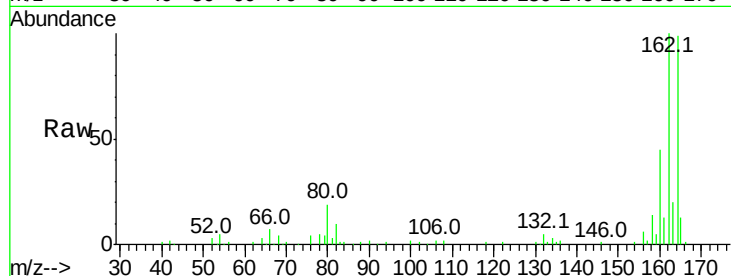




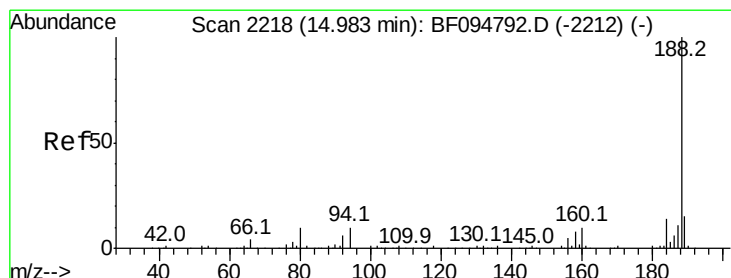
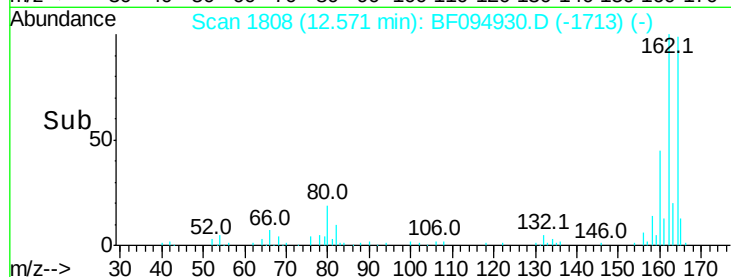
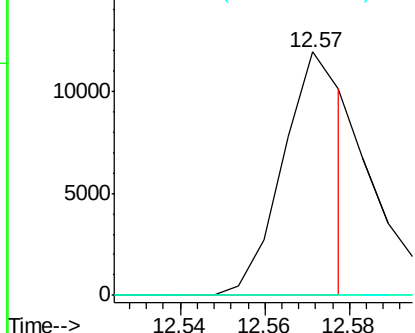
#50
 2,6-Dinitrotoluene
 Concen: 5.07 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11635
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

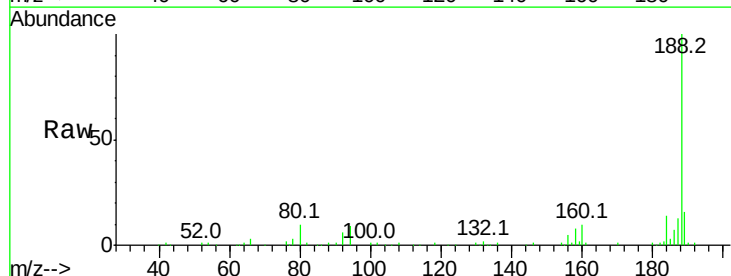


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

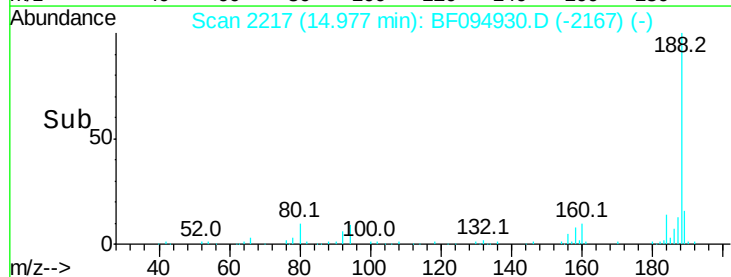
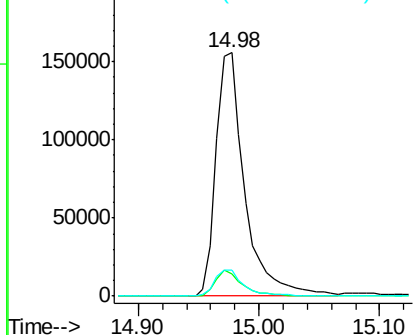


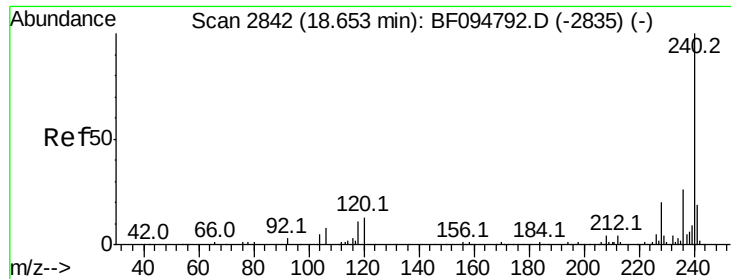
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094930.D
 Acq: 5 May 2017 22:19

Tgt Ion:188 Resp: 256827
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.4 14.2#
 80 10.4 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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

Instrument :

BNA_F

ClientSampleId :

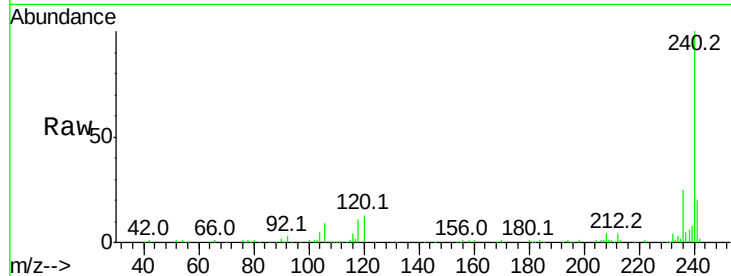
Tot Ion:240 Resp: 236777

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

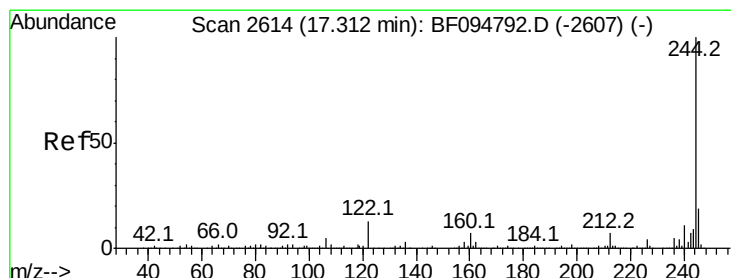
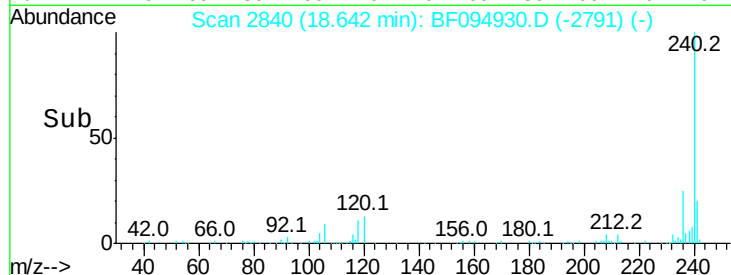
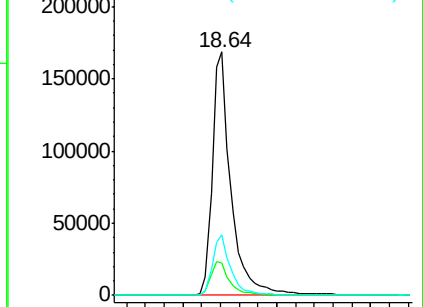
236 24.9 20.5 30.7



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: 79.48 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094930.D

Acq: 5 May 2017 22:19

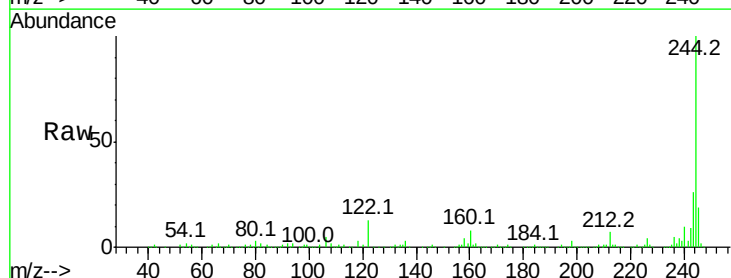
Tgt Ion:244 Resp: 854378

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

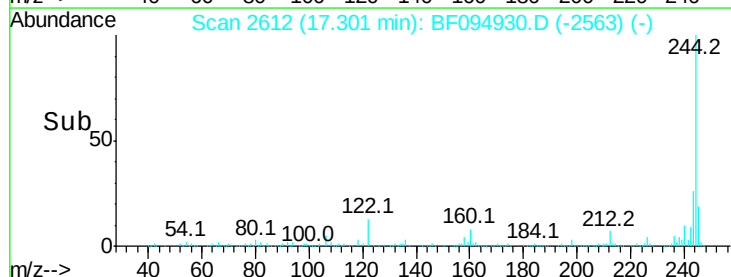
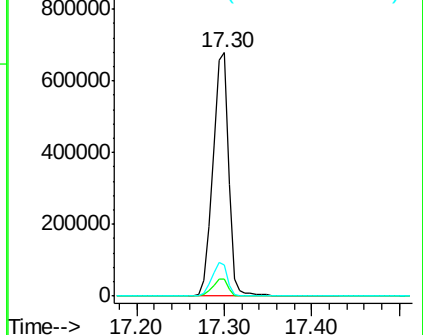
122 12.8 10.3 15.5

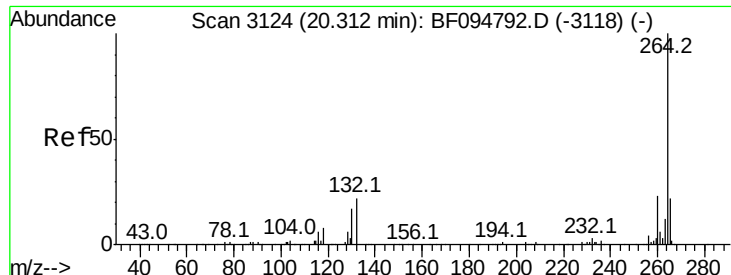


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

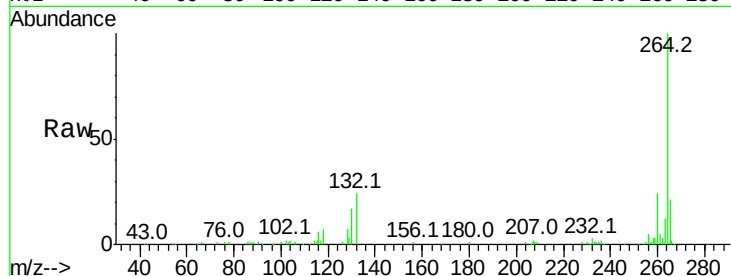




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094930.D
Acq: 5 May 2017 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

