

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094992.D
 Acq On : 8 May 2017 21:41
 Operator : SJ/MA
 Sample : I3011-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:51:20 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

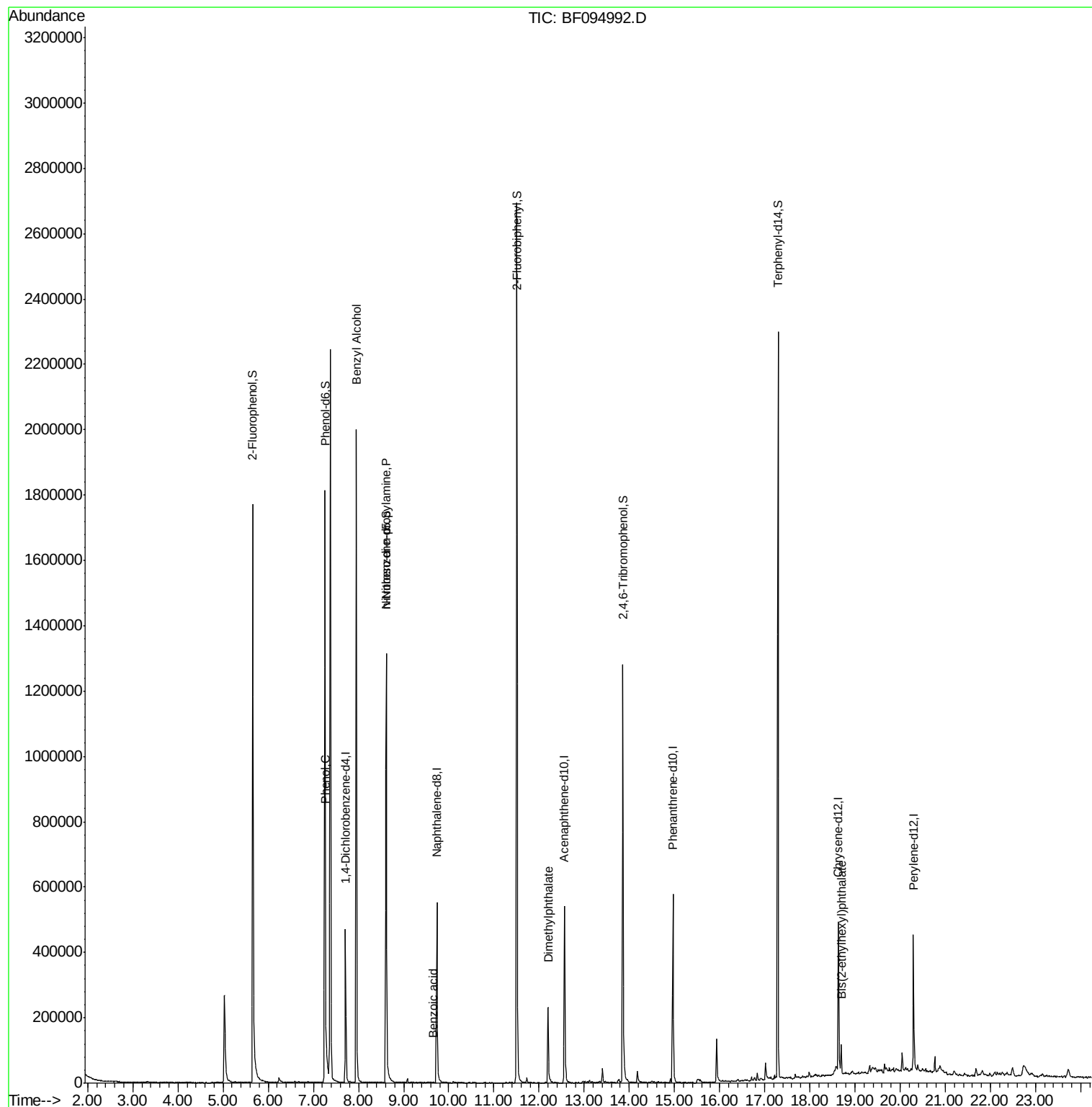
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98966	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	416100	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	172207	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	320708	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	214614	20.00	ng	-0.02
86) Perylene-d12	20.30	264	197476	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	816754	137.59	ng	-0.02
7) Phenol-d6	7.26	99	1058165	148.57	ng	-0.02
23) Nitrobenzene-d5	8.61	82	661395	100.23	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	221745	157.23	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1216270	101.66	ng	-0.02
78) Terphenyl-d14	17.29	244	896600	92.02	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	21835	2.91	ng	Qvalue 86
15) Benzyl Alcohol	7.95	79	10668	2.33	ng	# 46
19) n-Nitroso-di-n-propylamine	8.61	70	82943	17.22	ng	# 75
32) Benzoic acid	9.66	122	115	5.11	ng	# 1
49) Dimethylphthalate	12.20	163	158618	11.22	ng	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	28787	2.71	ng	# 98

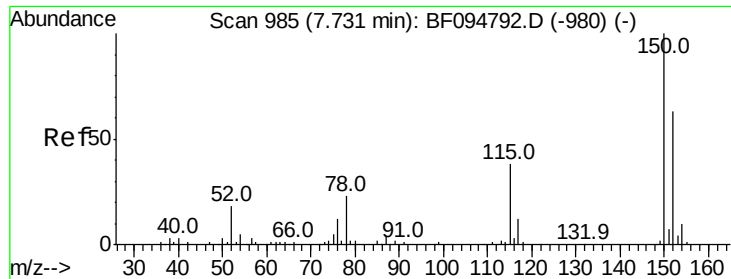
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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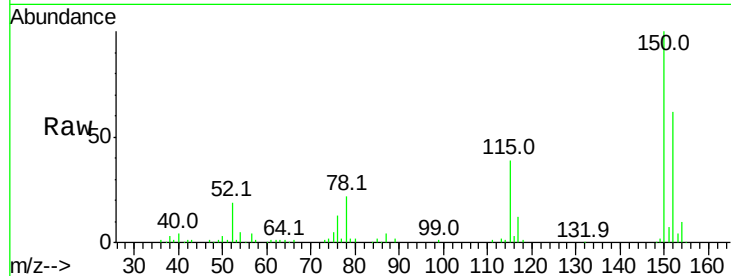


#1

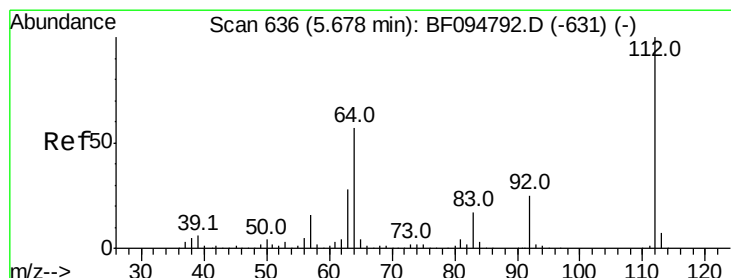
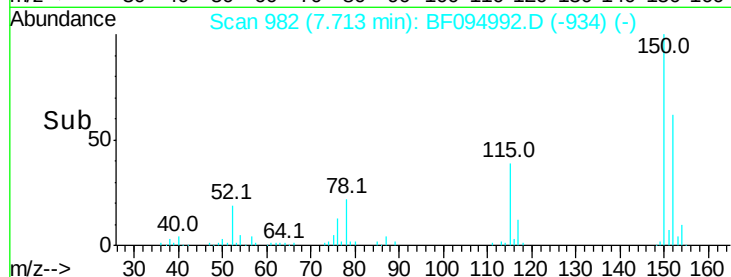
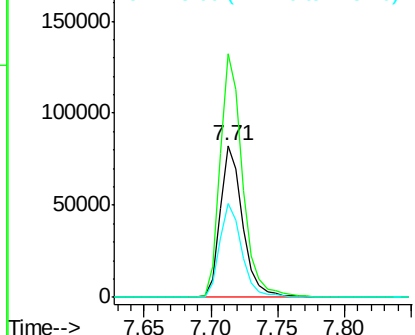
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094992.D
Acq: 8 May 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98966
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.8 52.2 78.2



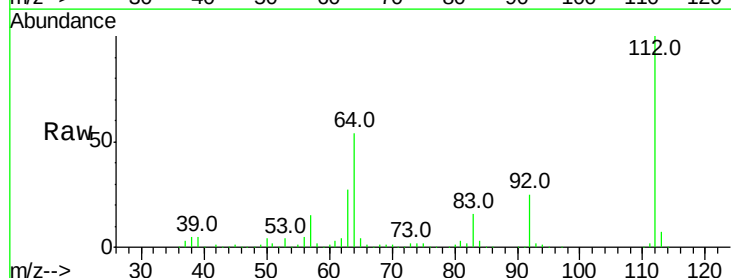
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



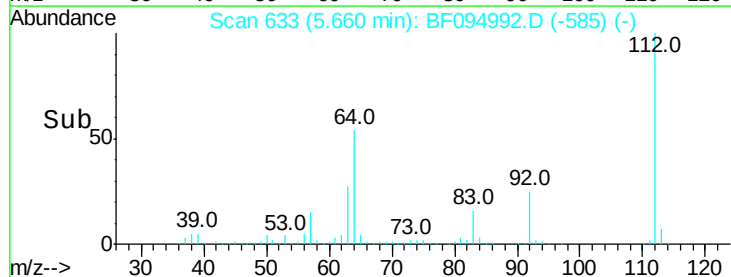
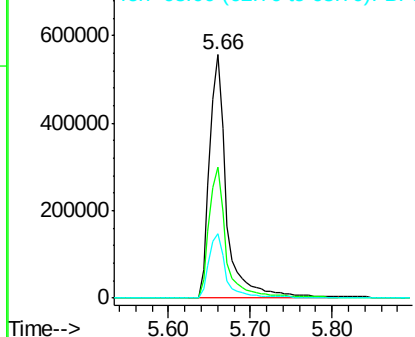
#5

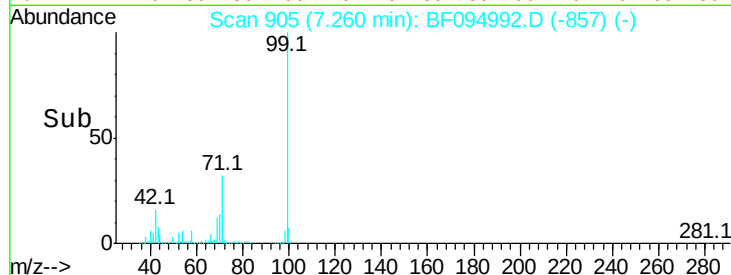
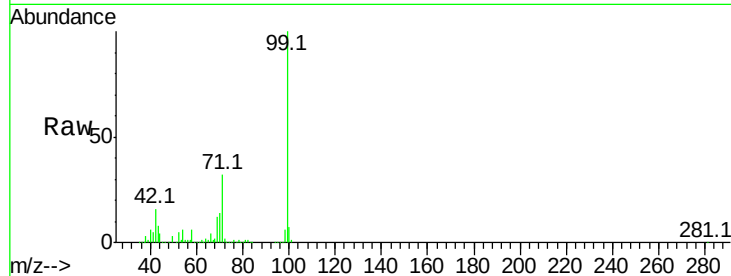
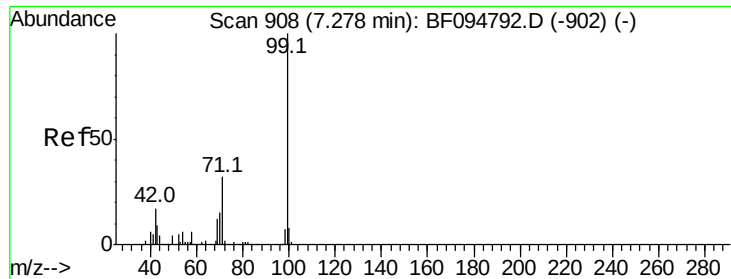
2-Fluorophenol
Concen: 137.59 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094992.D
Acq: 8 May 2017 21:41

Tgt Ion:112 Resp: 816754
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.5 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: 148.57 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Instrument :

BNA_F

ClientSampleId :

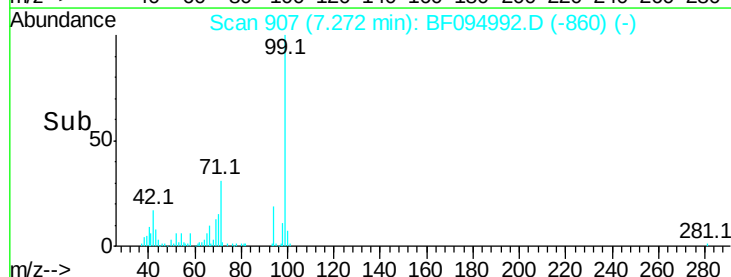
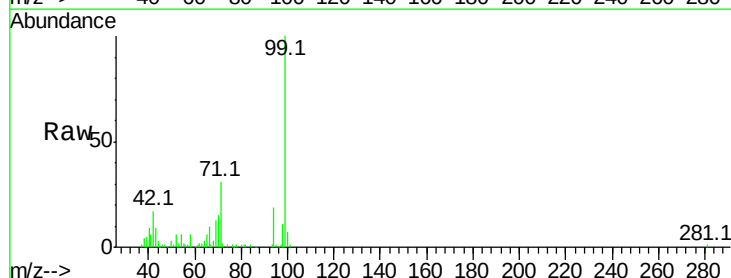
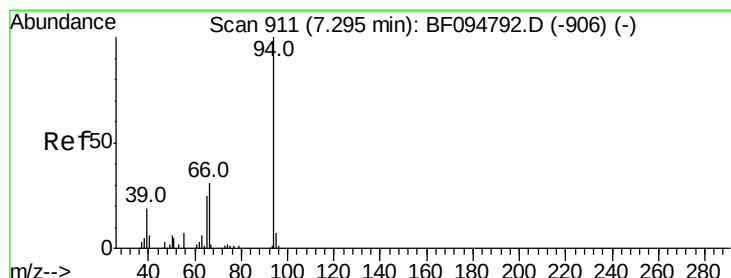
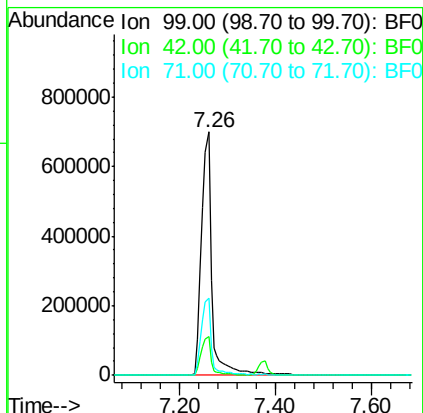
Tot Ion: 99 Resp: 1058165

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 31.9 24.5 36.7



#10

Phenol

Concen: 2.91 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

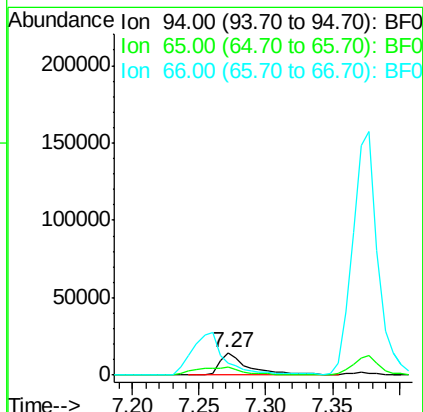
Tgt Ion: 94 Resp: 21835

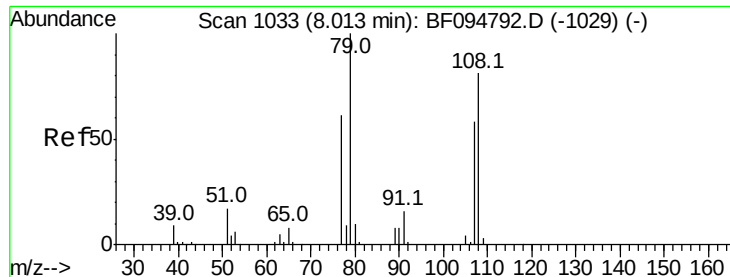
Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

66 55.3 23.1 63.1





#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 7.95 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Instrument :

BNA_F

ClientSampleId :

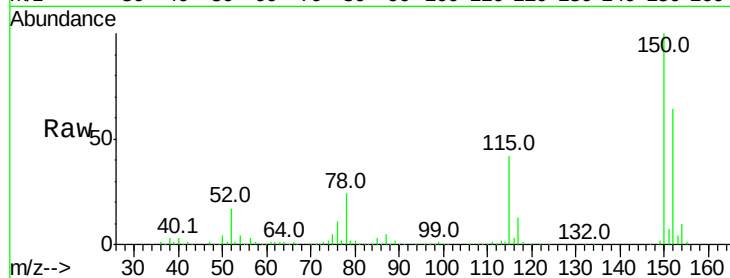
Tot Ion: 79 Resp: 10668

Ion Ratio Lower Upper

79 100

108 27.3 63.4 95.0#

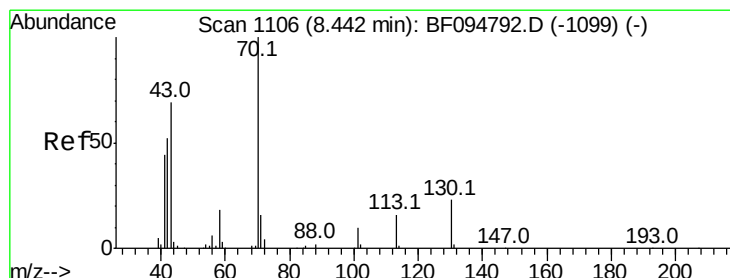
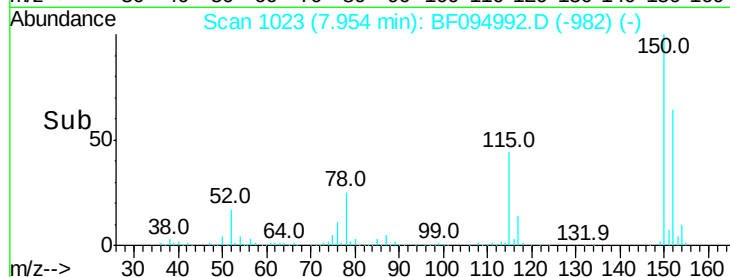
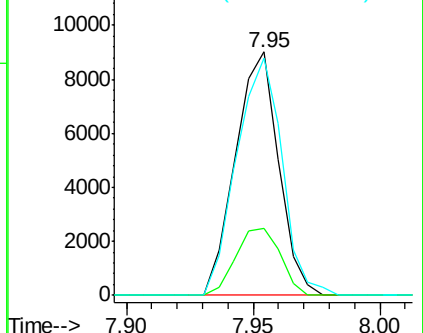
77 97.7 49.2 73.8#



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: 17.22 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Tgt Ion: 70 Resp: 82943

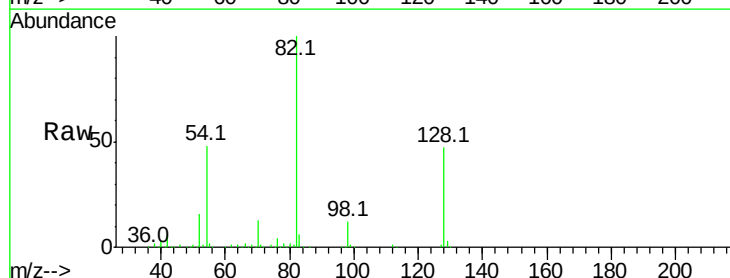
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

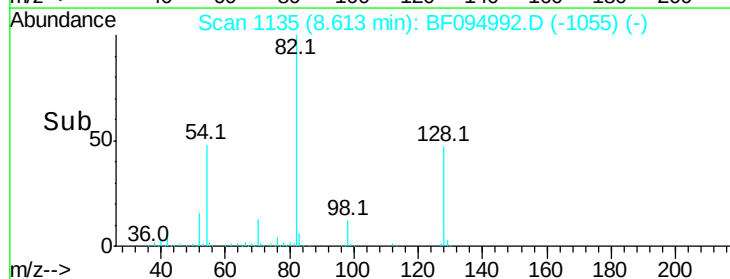
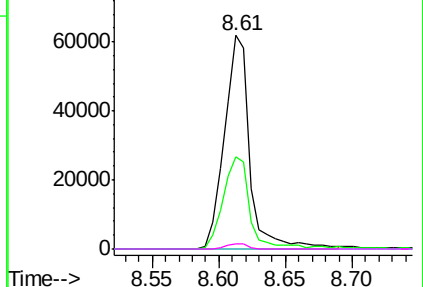


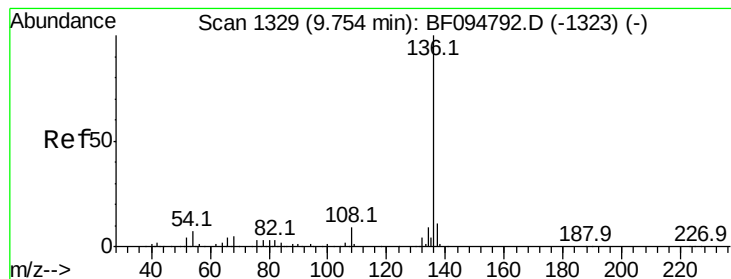
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 416100

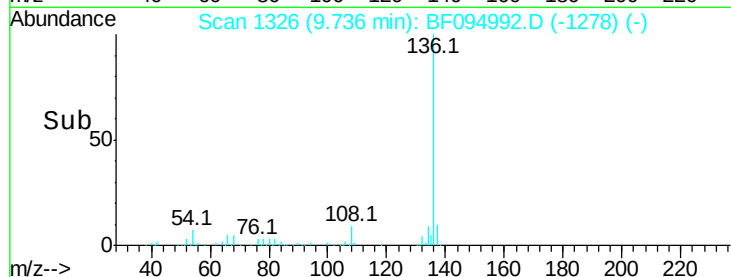
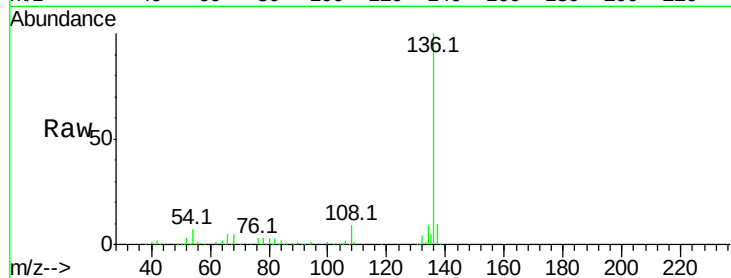
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

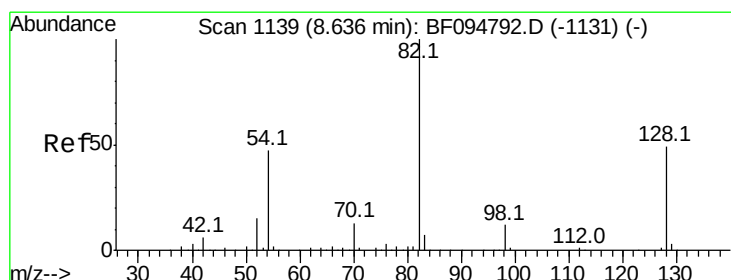
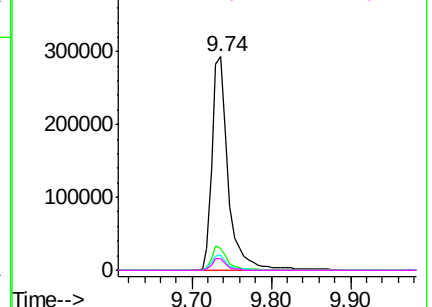


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.23 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

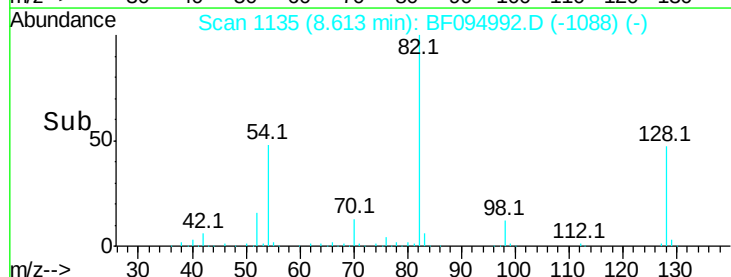
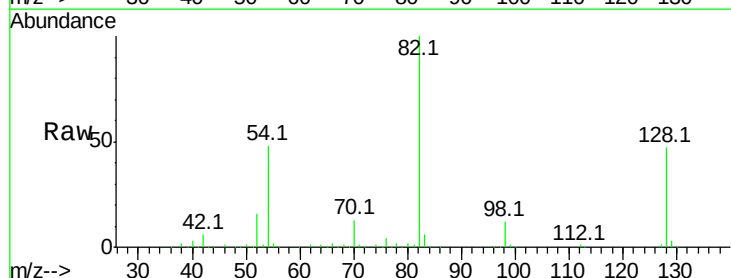
Tgt Ion: 82 Resp: 661395

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

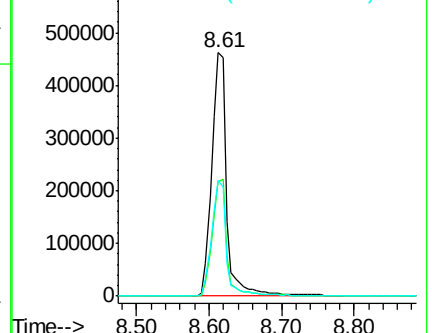
54 47.6 42.2 63.2

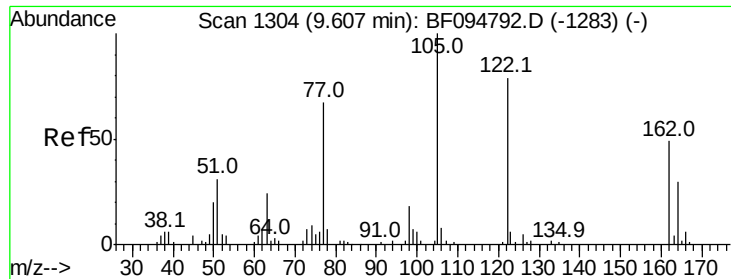


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

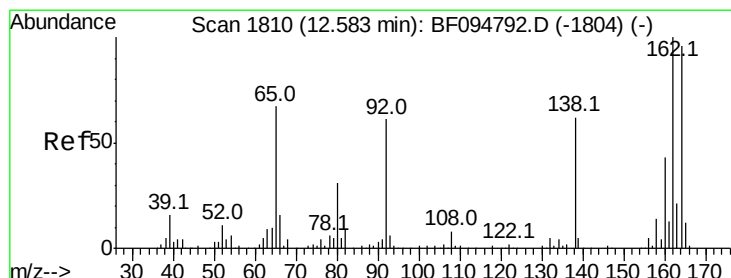
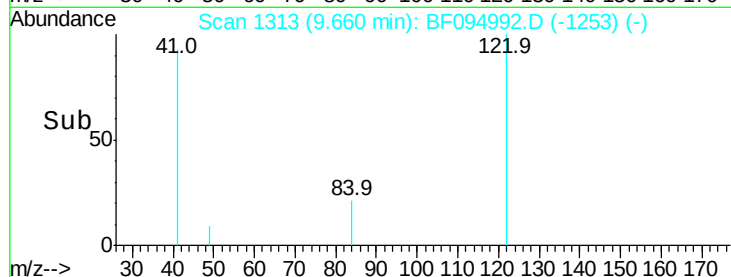
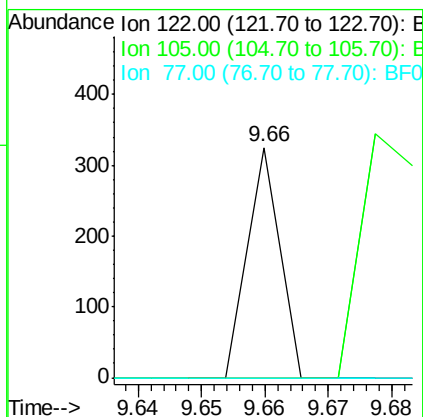
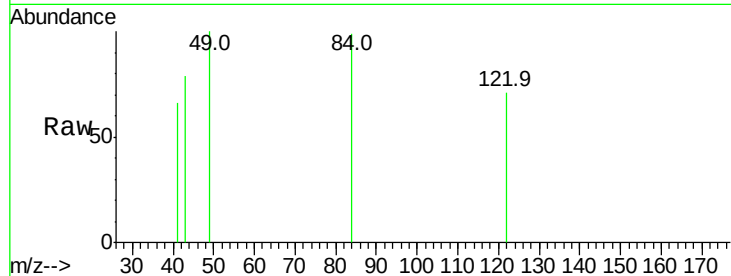




#32
Benzoic acid
Concen: 5.11 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.05 min
Lab File: BF094992.D
Acq: 8 May 2017 21:41

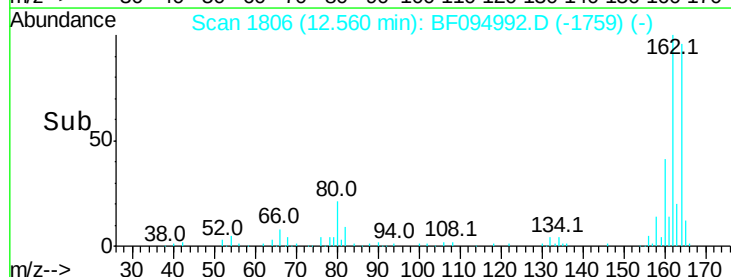
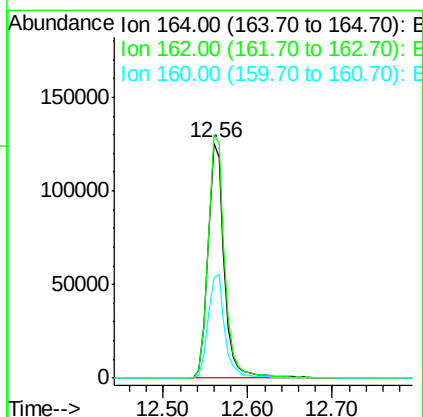
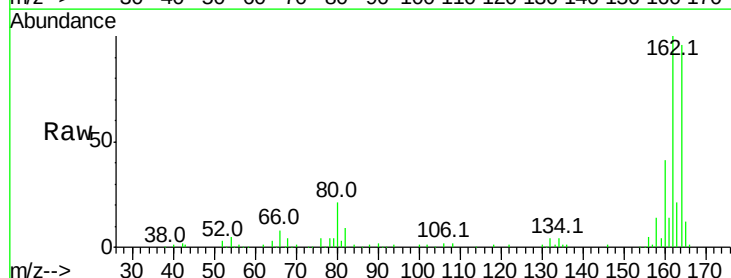
Instrument :
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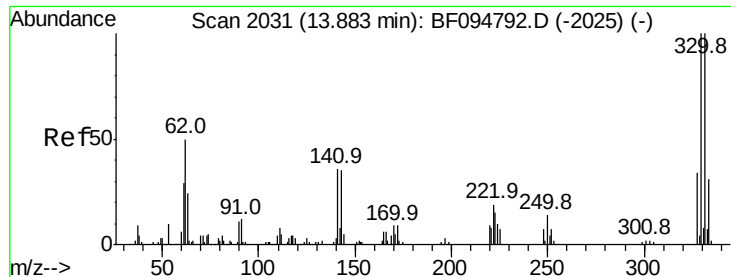
Tot Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF094992.D
Acq: 8 May 2017 21:41

Tgt Ion:164 Resp: 172207
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 42.8 36.2 54.2

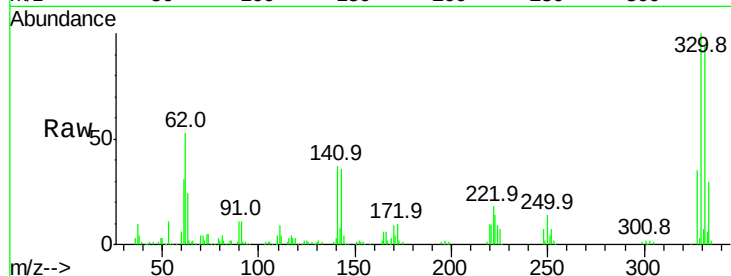




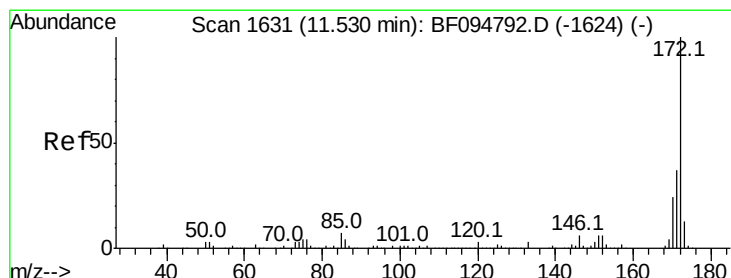
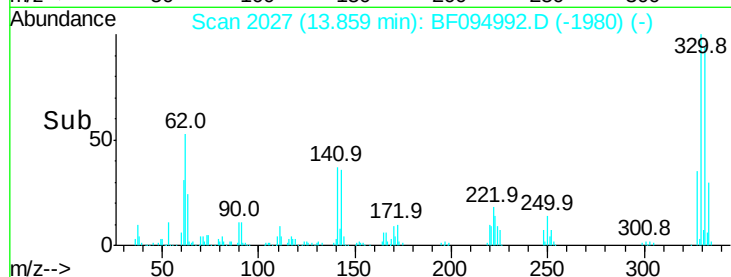
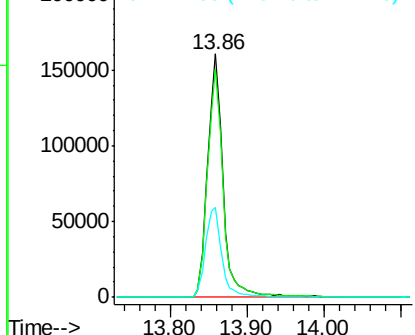
#41
 2,4,6-Tribromophenol
 Concen: 157.23 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094992.D
 Acq: 8 May 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 221745
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 38.9 31.4 47.2

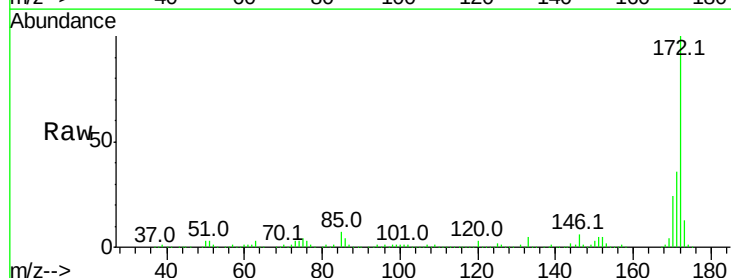


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

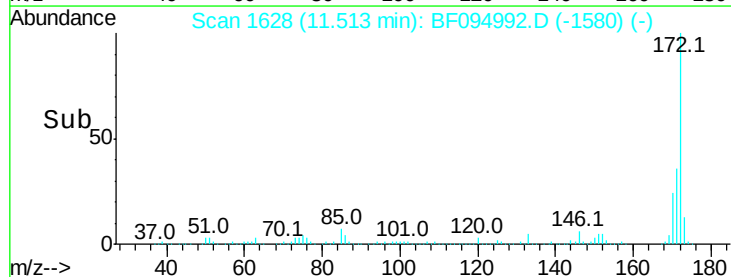
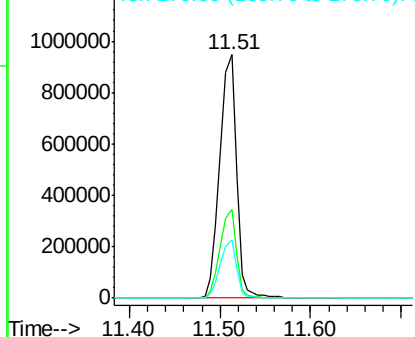


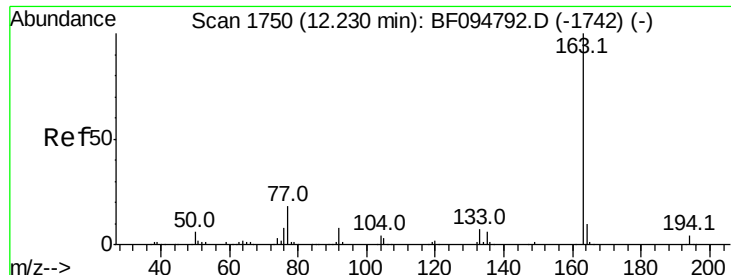
#44
 2-Fluorobiphenyl
 Concen: 101.66 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094992.D
 Acq: 8 May 2017 21:41

Tgt Ion:172 Resp: 1216270
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 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: 11.22 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Instrument :

BNA_F

ClientSampleId :

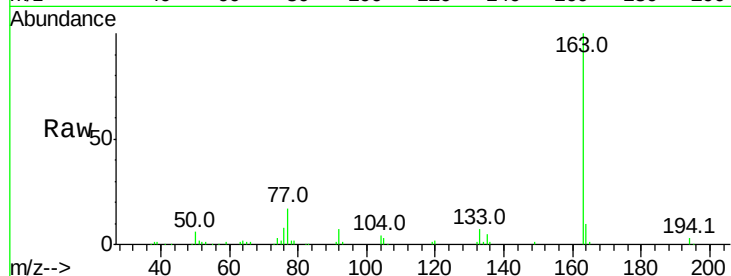
Tot Ion:163 Resp: 158618

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

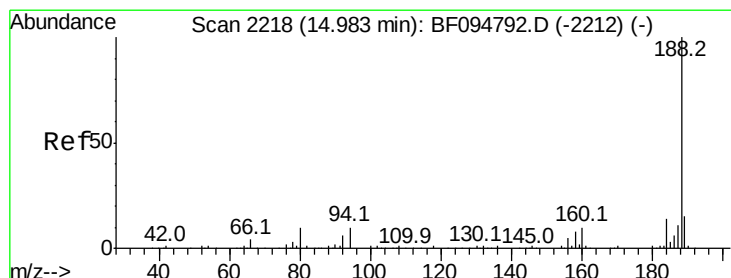
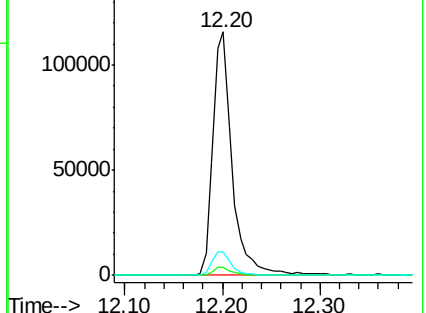
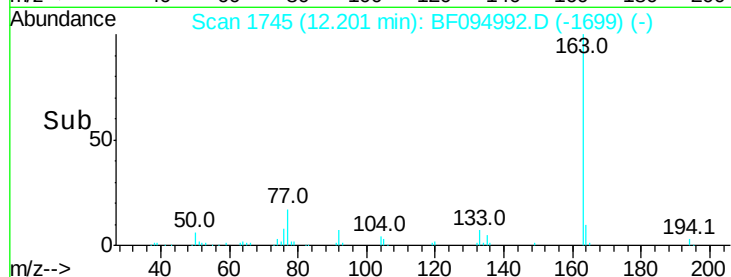
164 9.6 8.4 12.6



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: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

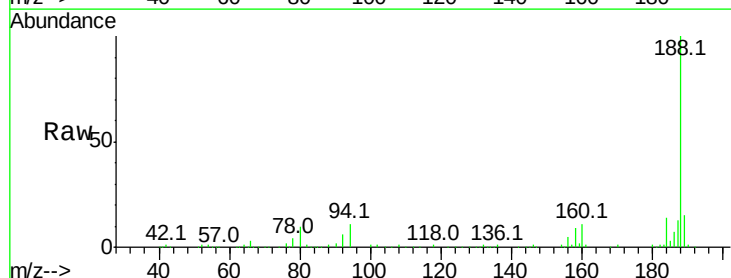
Tgt Ion:188 Resp: 320708

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

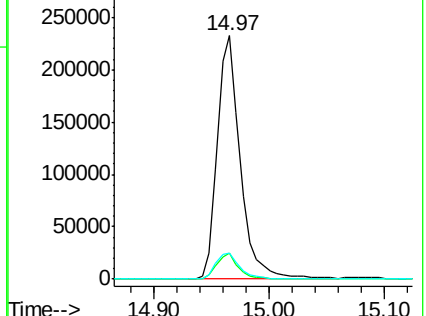
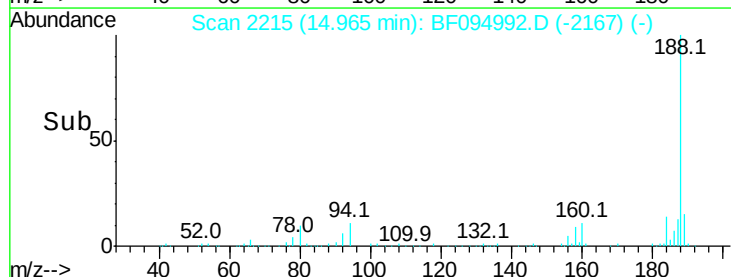
80 10.5 10.2 15.2

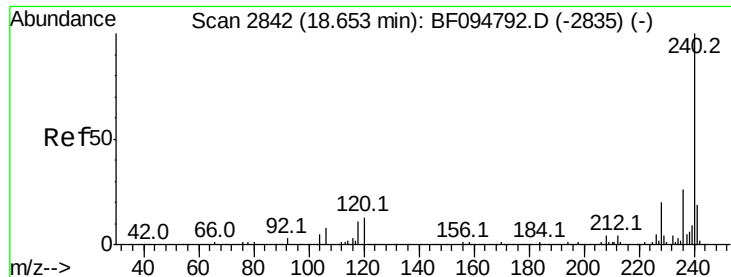


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

Instrument :

BNA_F

ClientSampleId :

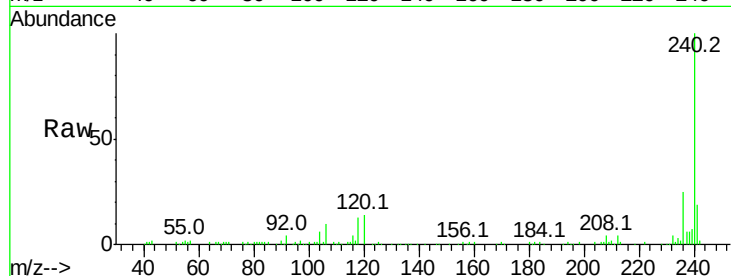
Tot Ion:240 Resp: 214614

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

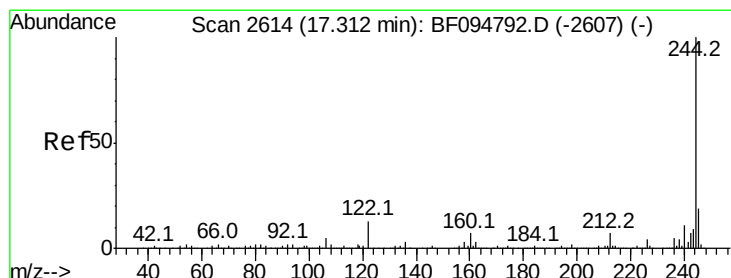
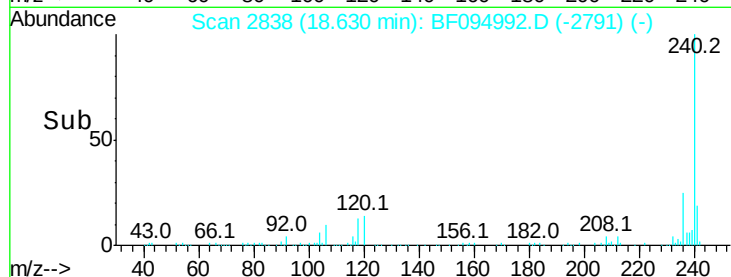
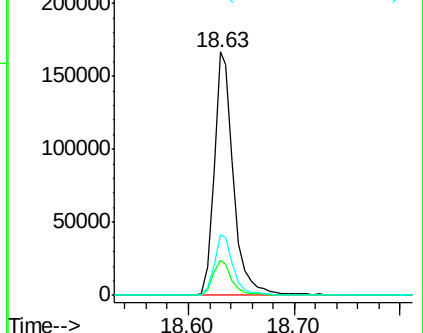
236 24.9 20.5 30.7



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: 92.02 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094992.D

Acq: 8 May 2017 21:41

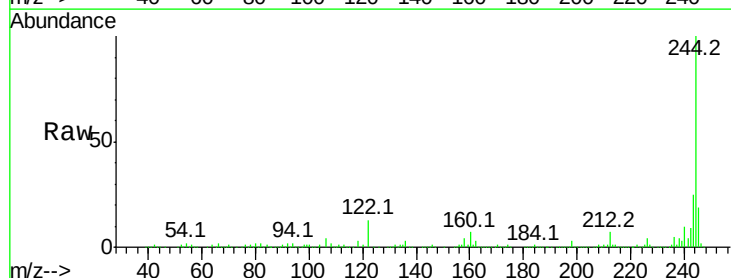
Tgt Ion:244 Resp: 896600

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

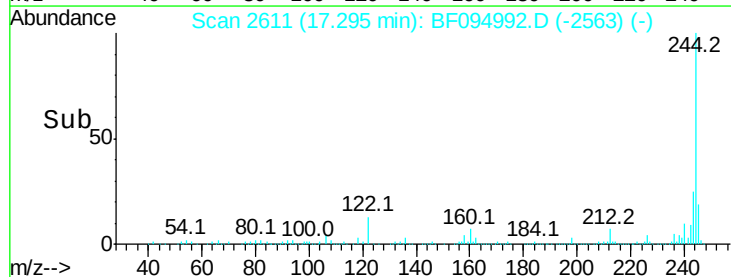
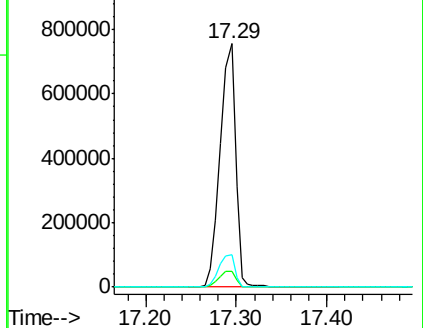
122 13.2 10.3 15.5

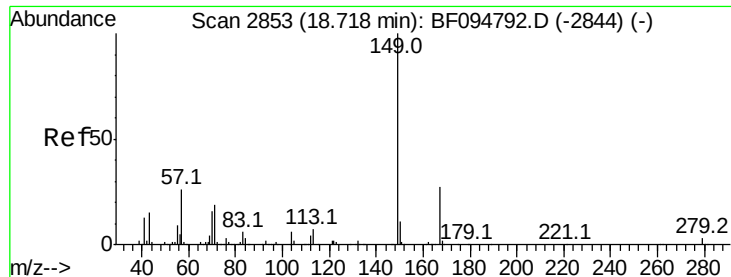


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

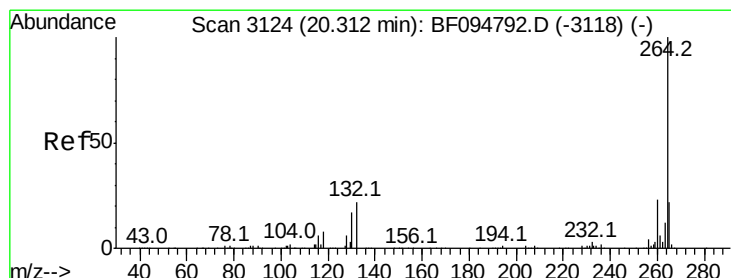
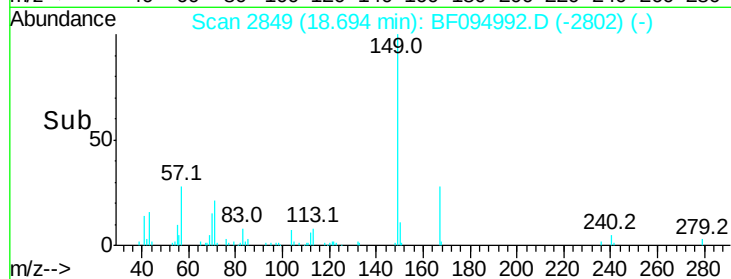
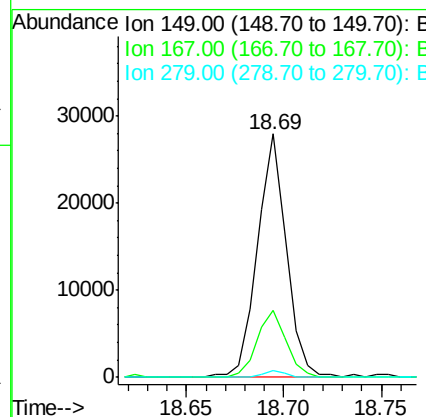
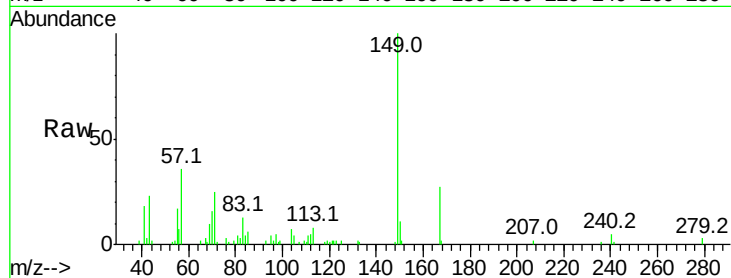




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.71 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF094992.D
 Acq: 8 May 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 28787
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 2.9 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094992.D
 Acq: 8 May 2017 21:41

Tgt Ion:264 Resp: 197476
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.9 17.2 25.8

