

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094989.D
 Acq On : 8 May 2017 20:04
 Operator : SJ/MA
 Sample : I3013-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:50:36 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

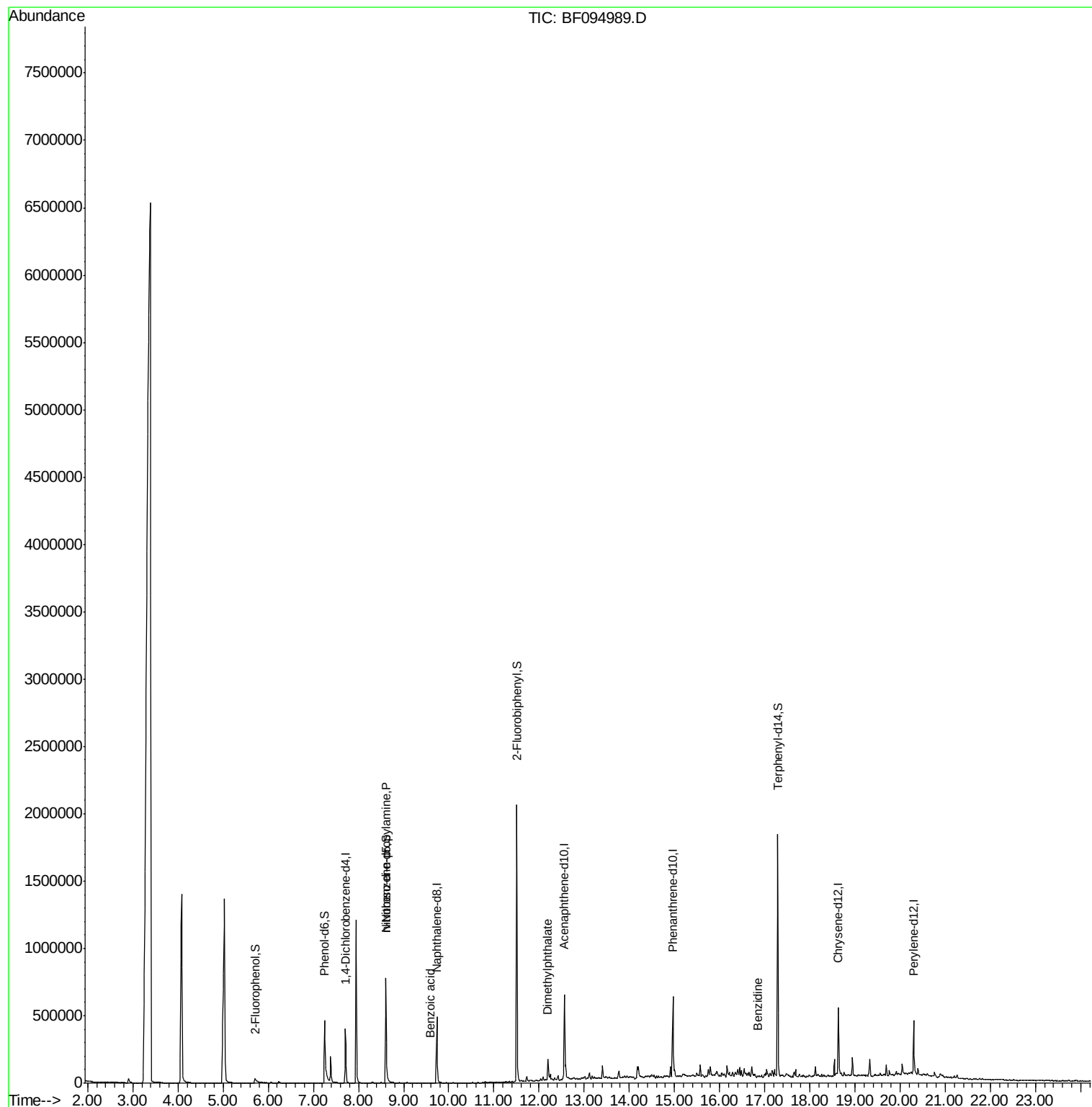
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	85931	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	365482	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	178982	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	304313	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	221128	20.00	ng	-0.02
86) Perylene-d12	20.30	264	180169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	37313	7.24	ng	0.03
7) Phenol-d6	7.25	99	356027	57.57	ng	-0.03
23) Nitrobenzene-d5	8.61	82	381857	65.88	ng	-0.03
41) 2,4,6-Tribromophenol	13.90	330	115	0.08	ng	0.02
44) 2-Fluorobiphenyl	11.51	172	862974	69.40	ng	-0.02
78) Terphenyl-d14	17.29	244	666599	66.40	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	49887	11.93	ng	# 74
32) Benzoic acid	9.60	122	1027	5.35	ng	# 1
49) Dimethylphthalate	12.20	163	109900	7.48	ng	100
76) Benzidine	16.84	184	123	6.61	ng	# 62

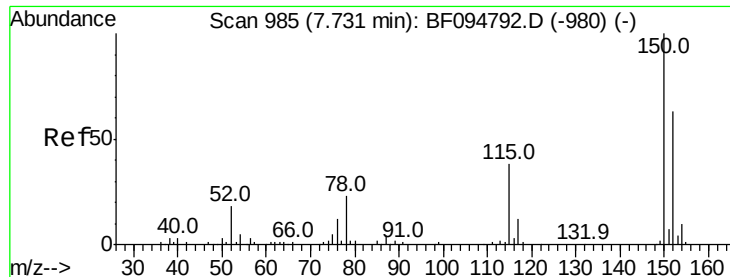
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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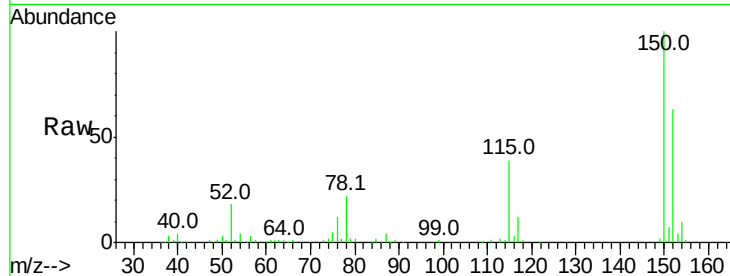


#1

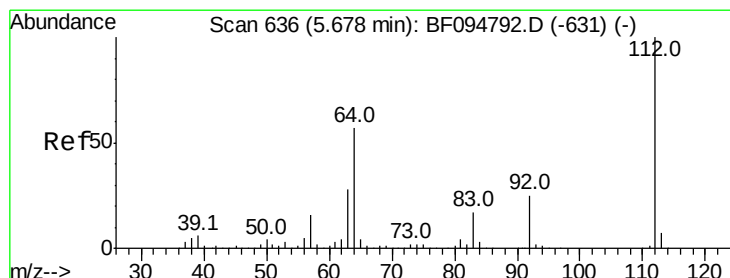
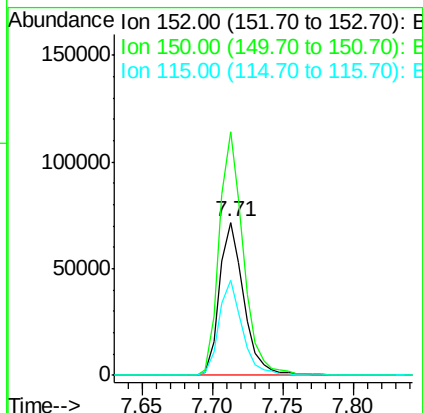
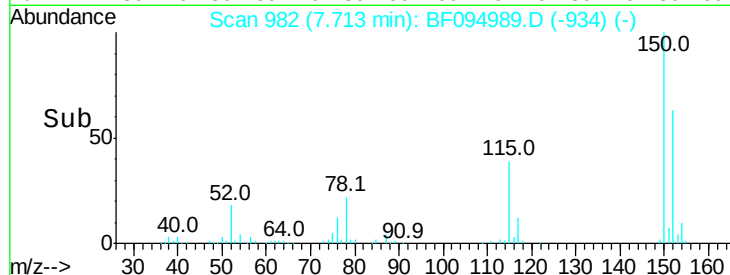
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 85931
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.2
 115 62.4 52.2 78.2



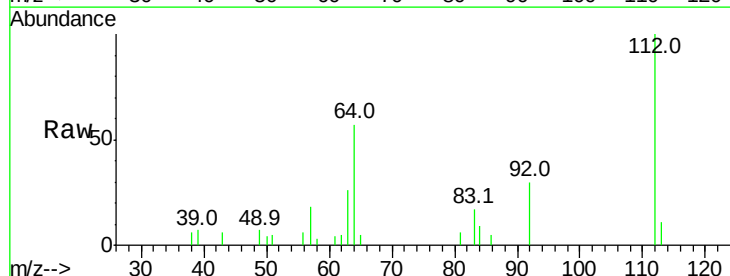
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



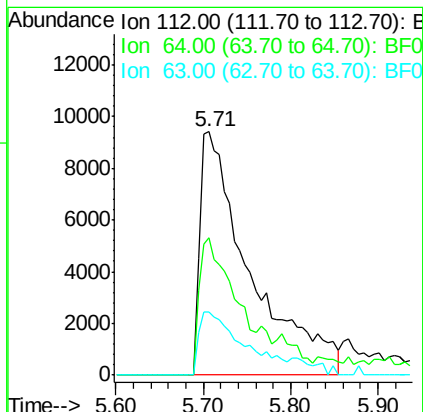
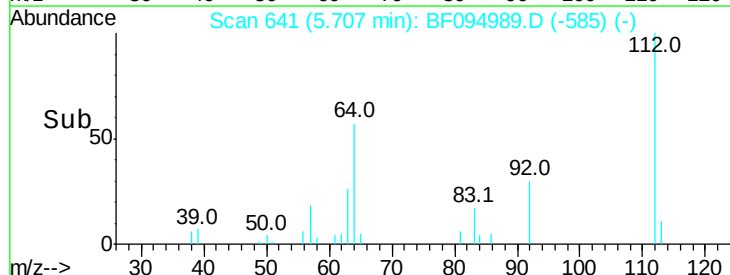
#5

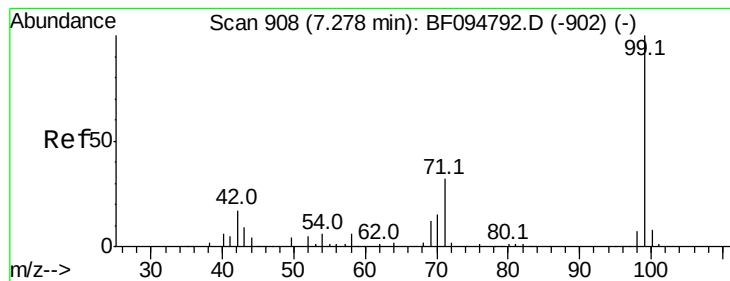
2-Fluorophenol
 Concen: 7.24 ng
 RT: 5.71 min Scan# 641
 Delta R.T. 0.03 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

Tgt Ion:112 Resp: 37313
 Ion Ratio Lower Upper
 112 100
 64 56.5 46.0 69.0
 63 25.9 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: 57.57 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

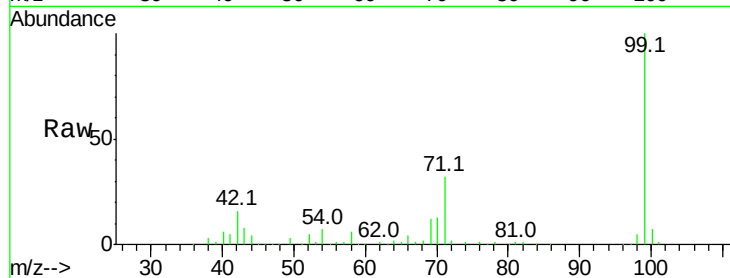
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 356027

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	32.2	24.5	36.7

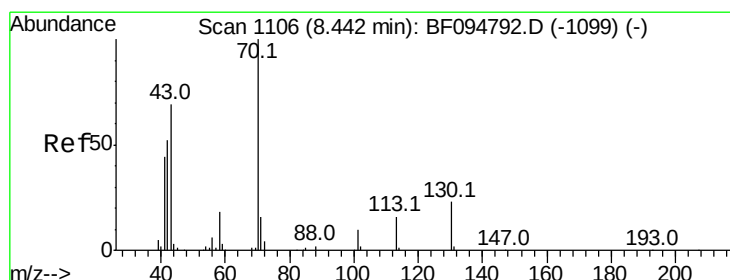
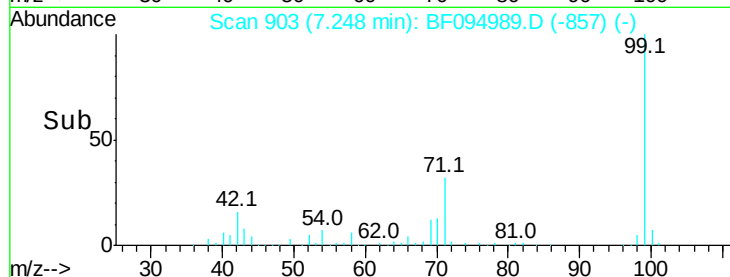
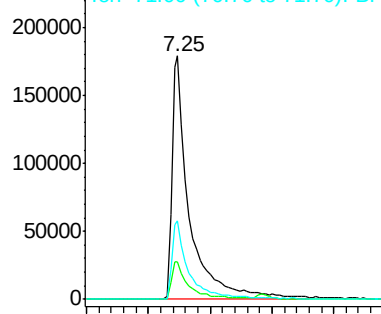


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 11.93 ng

RT: 8.61 min Scan# 1134

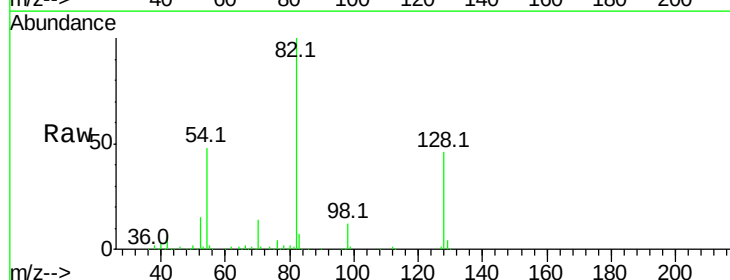
Delta R.T. 0.16 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

Tgt Ion: 70 Resp: 49887

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#



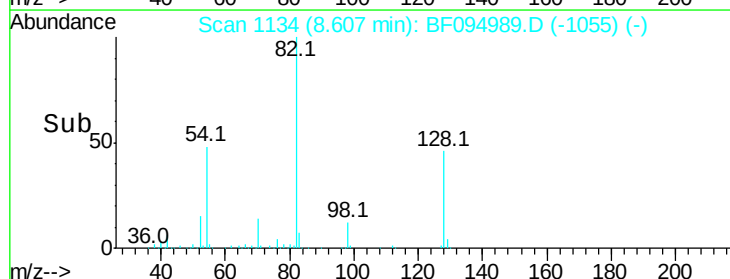
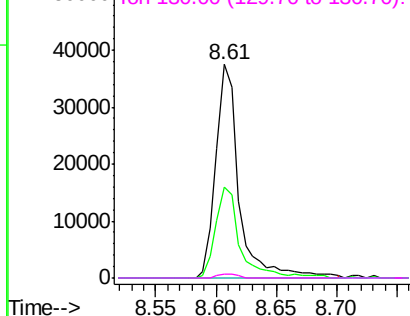
Abundance

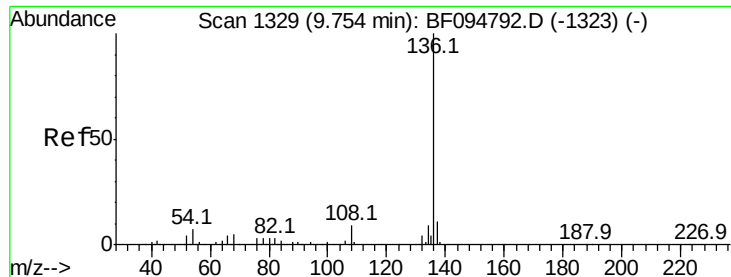
Ion 70.00 (69.70 to 70.70): BF0

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

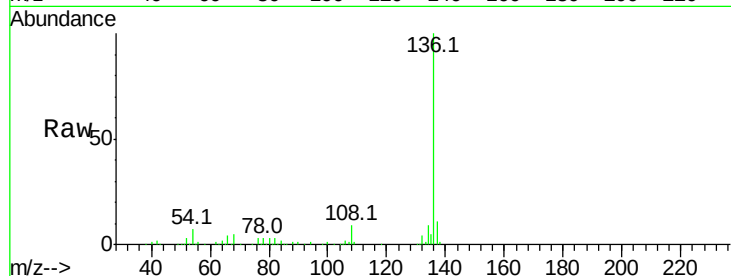




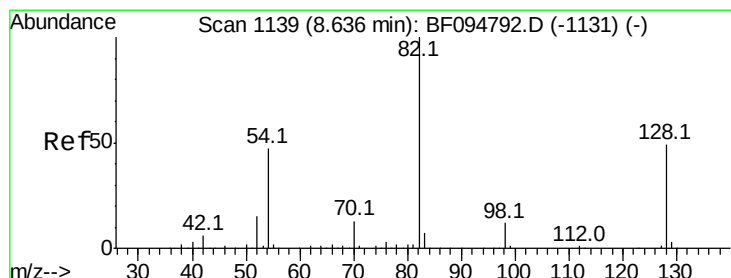
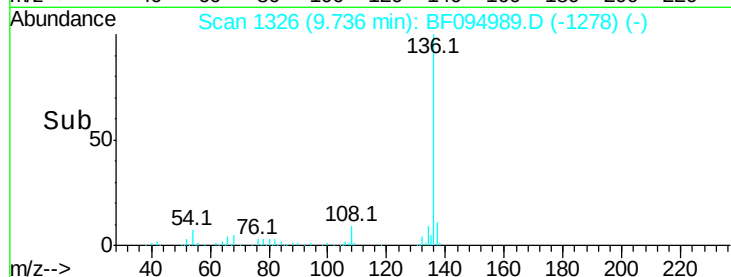
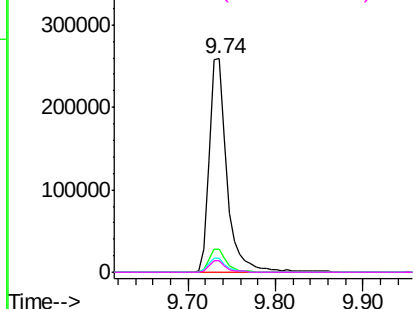
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094989.D
Acq: 8 May 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	365482
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.6	4.9 7.3
68	5.2	4.1 6.1

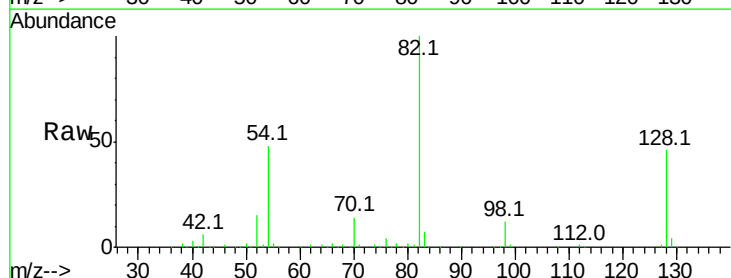


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

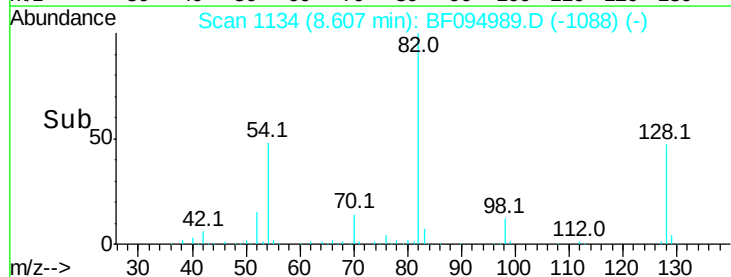
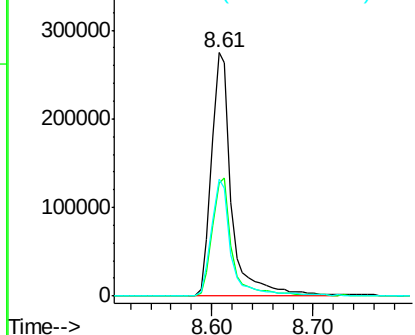


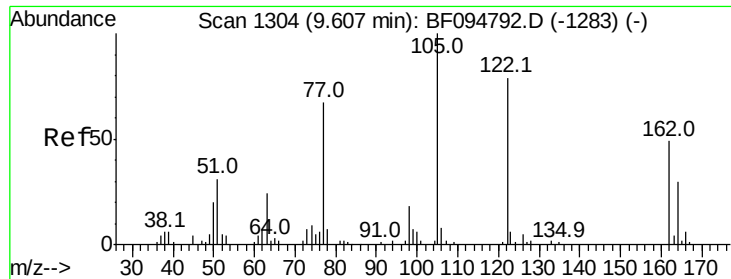
#23
Nitrobenzene-d5
Concen: 65.88 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF094989.D
Acq: 8 May 2017 20:04

Tgt Ion: 82	Resp:	381857
Ion Ratio	Lower	Upper
82	100	
128	46.4	34.0 51.0
54	47.8	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

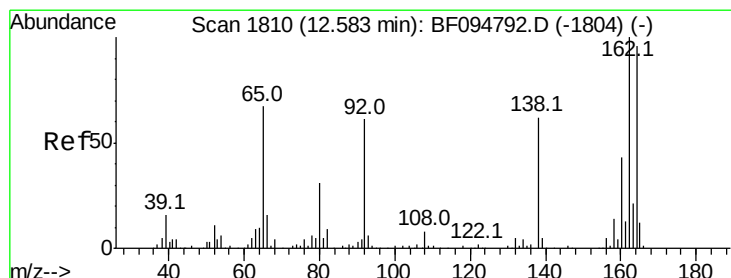
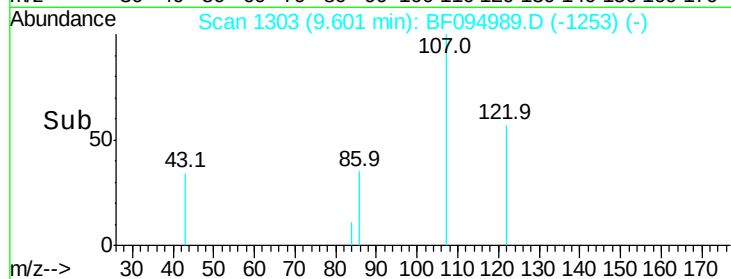
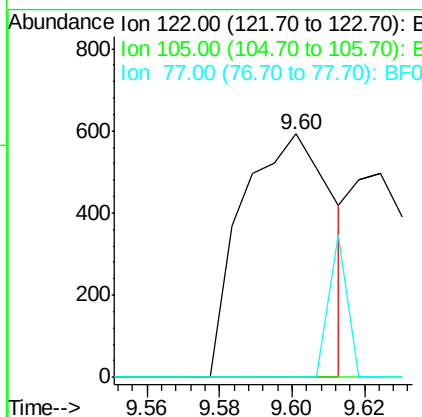
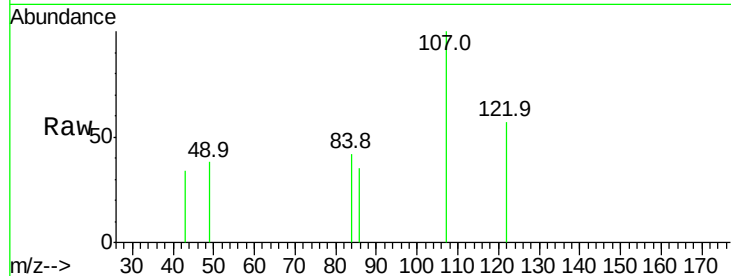




#32
 Benzoic acid
 Concen: 5.35 ng
 RT: 9.60 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

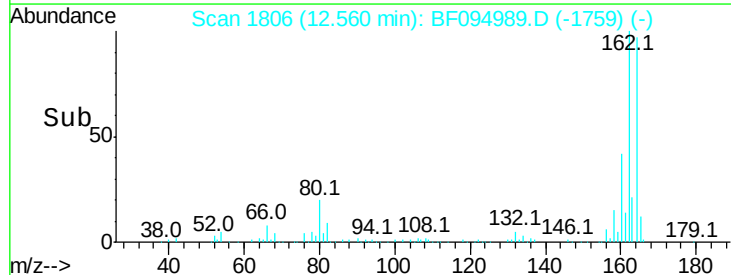
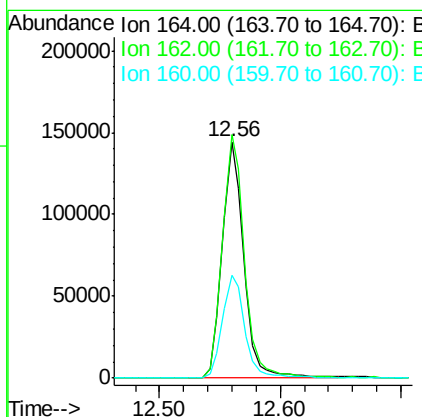
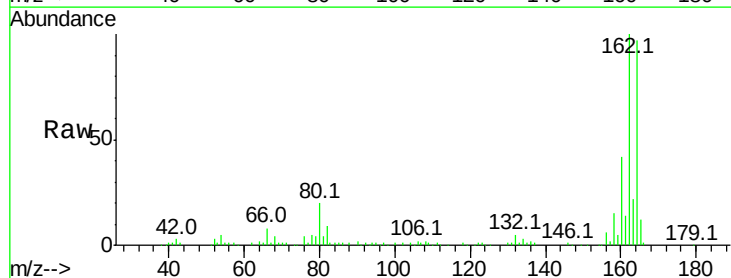
Instrument :
 BNA_F
 ClientSampleId :

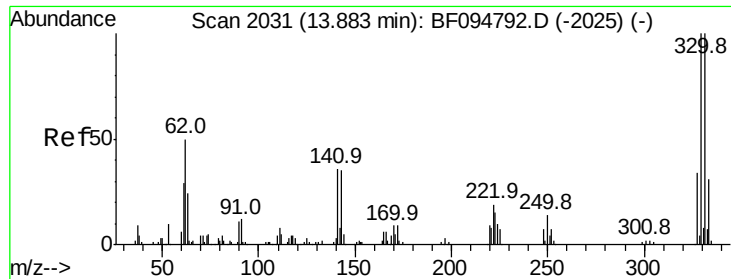
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	73.7	113.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	43.6	36.2	54.2

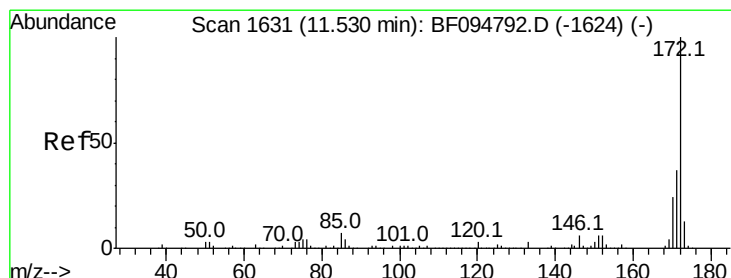
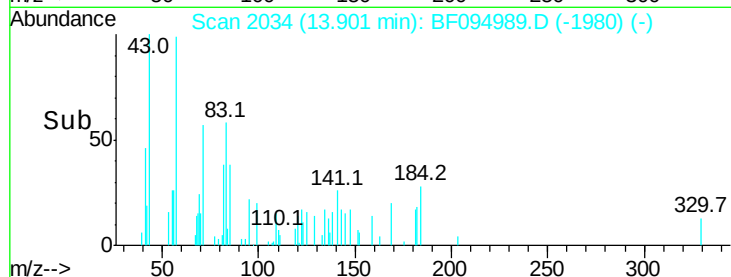
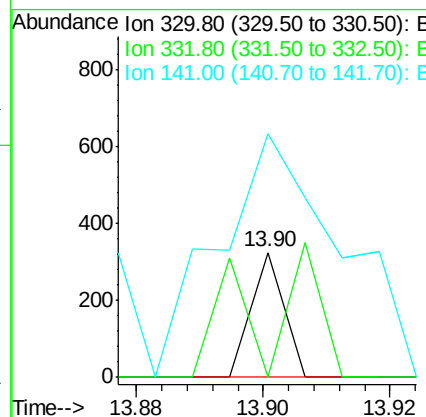
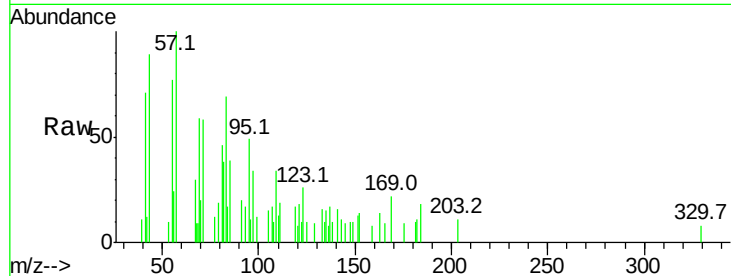




#41
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.02 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

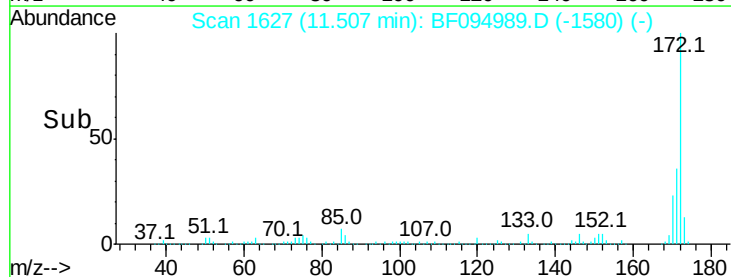
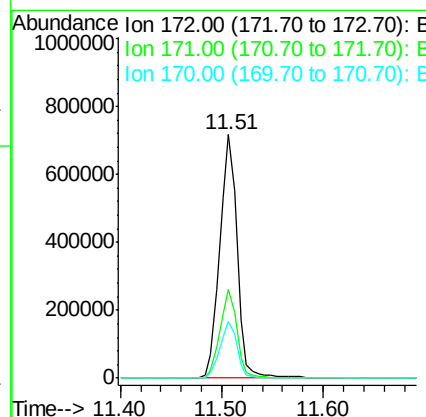
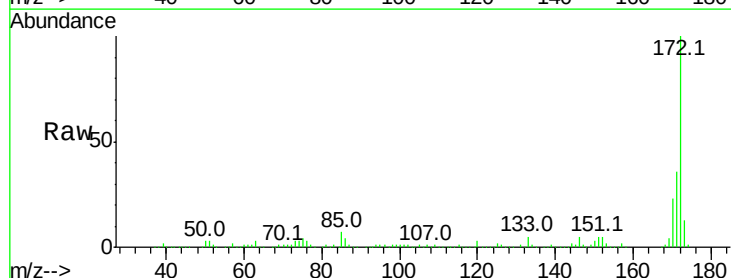
Instrument :
 BNA_F
 ClientSampled :

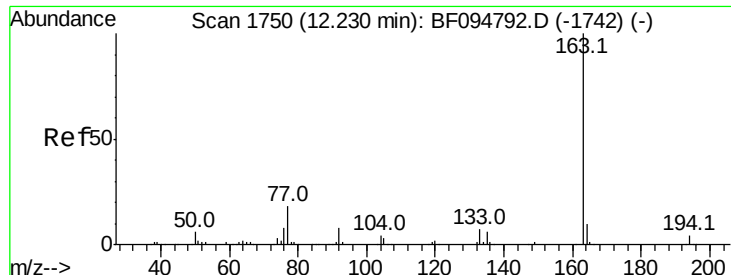
Tot Ion:330 Resp: 115
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 739.1 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 69.40 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF094989.D
 Acq: 8 May 2017 20:04

Tgt Ion:172 Resp: 862974
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.3 19.8 29.8





#49

Dimethylphthalate

Concen: 7.48 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

Instrument :

BNA_F

ClientSampleId :

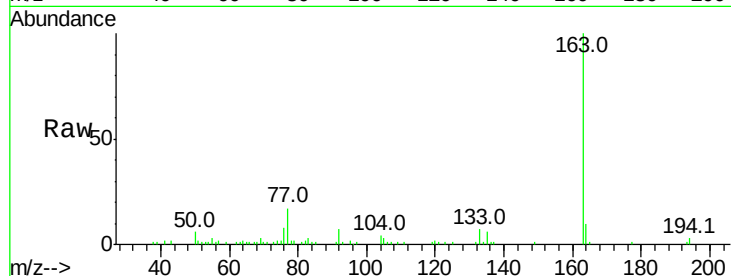
Tot Ion:163 Resp: 109900

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

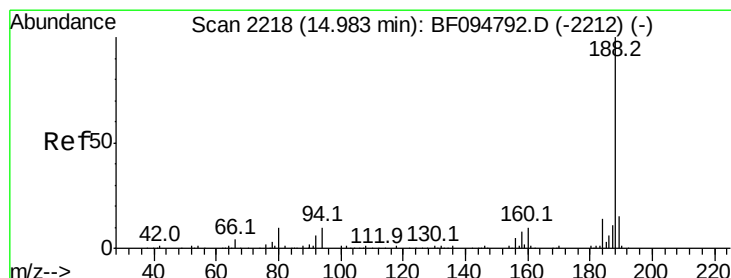
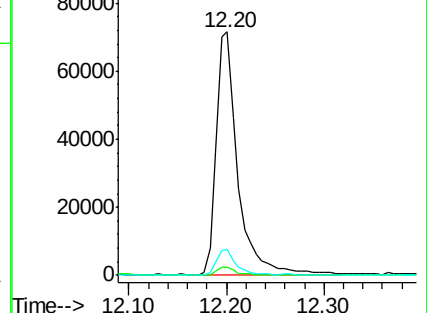
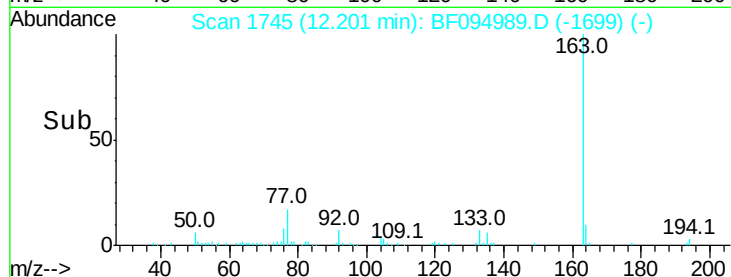
164 10.5 8.4 12.6



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: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

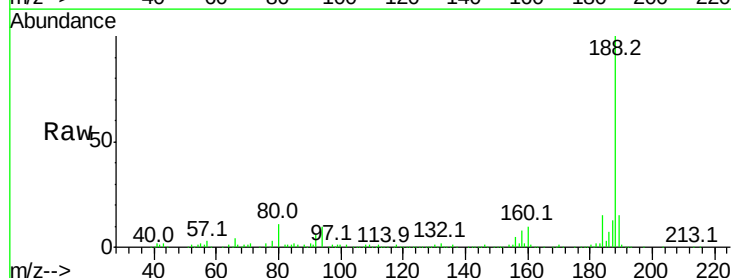
Tgt Ion:188 Resp: 304313

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

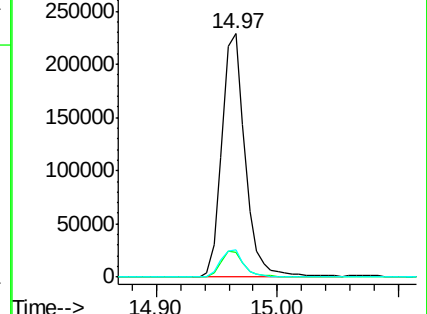
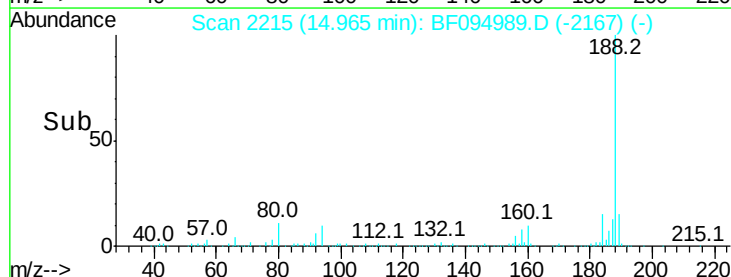
80 11.0 10.2 15.2

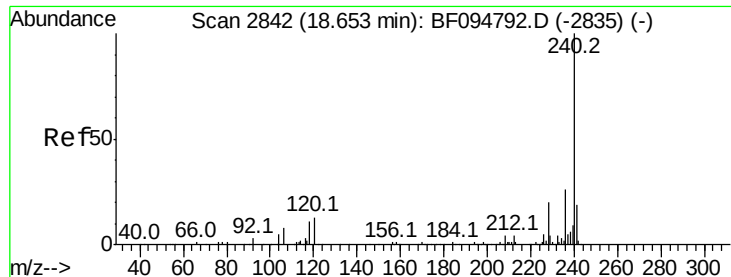


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094989.D

Acq: 8 May 2017 20:04

Instrument :

BNA_F

ClientSampleId :

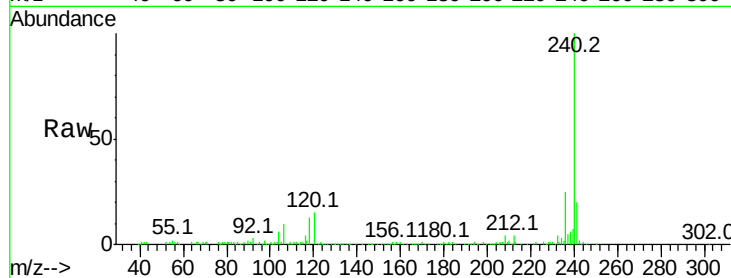
Tot Ion:240 Resp: 221128

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

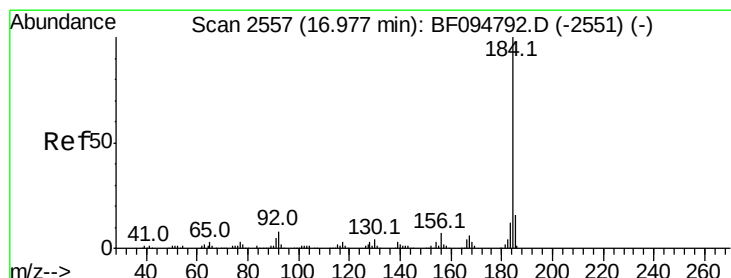
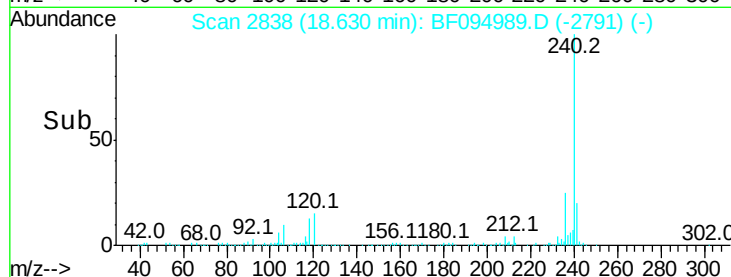
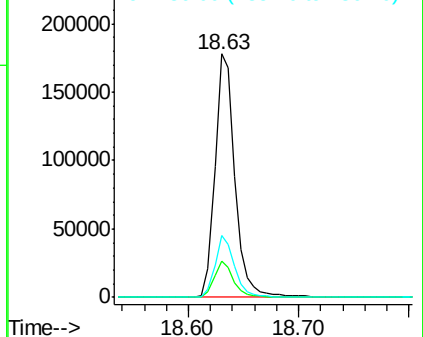
236 25.4 20.5 30.7



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



#76

Benzidine

Concen: 6.61 ng

RT: 16.84 min Scan# 2533

Delta R.T. -0.14 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

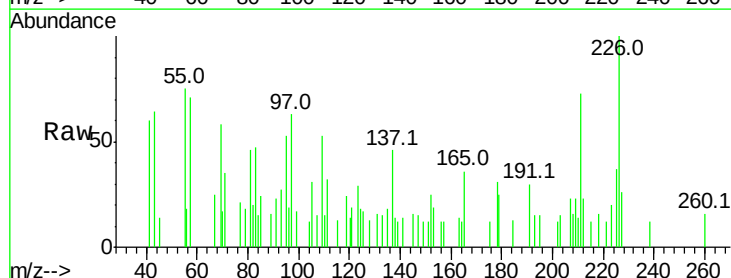
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

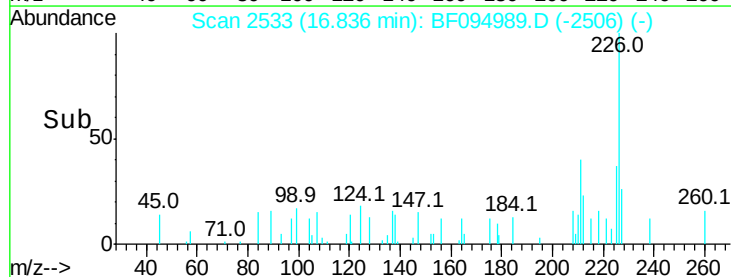
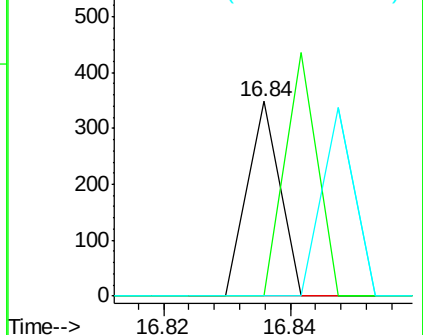
183 0.0 9.8 14.6#

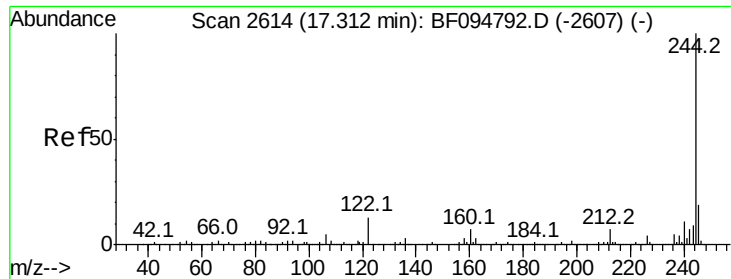


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 66.40 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

Instrument :

BNA_F

ClientSampleId :

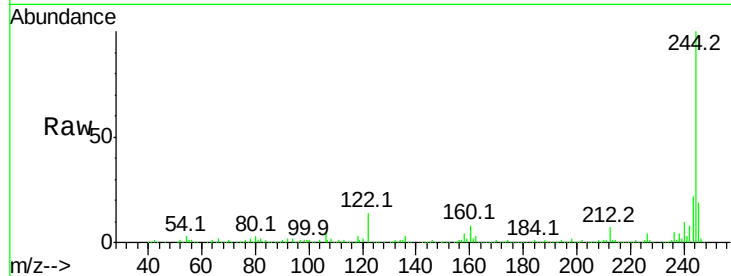
Tot Ion:244 Resp: 666599

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

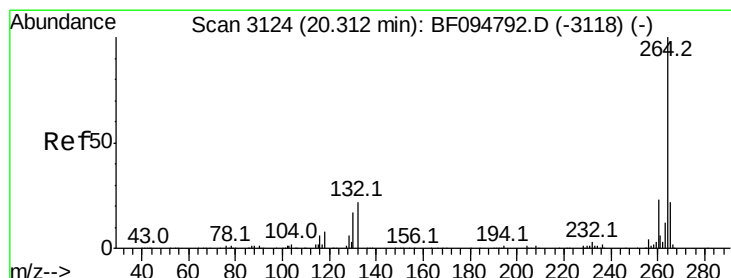
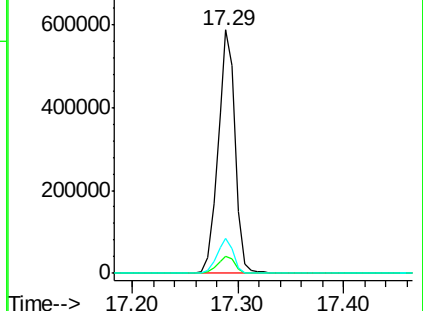
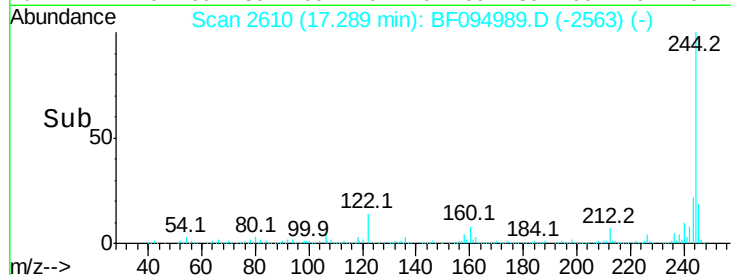
122 14.1 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094989.D

Acq: 8 May 2017 20:04

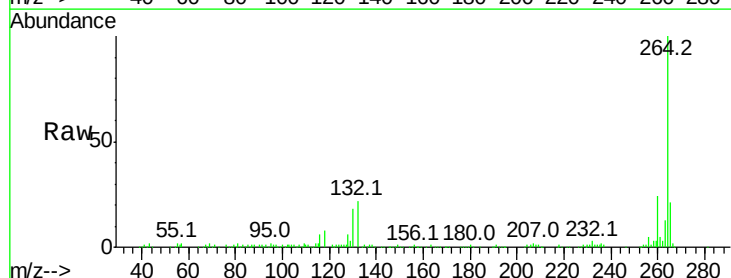
Tgt Ion:264 Resp: 180169

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 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

