

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094997.D
 Acq On : 9 May 2017 00:22
 Operator : SJ/MA
 Sample : I3031-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 01:52:34 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

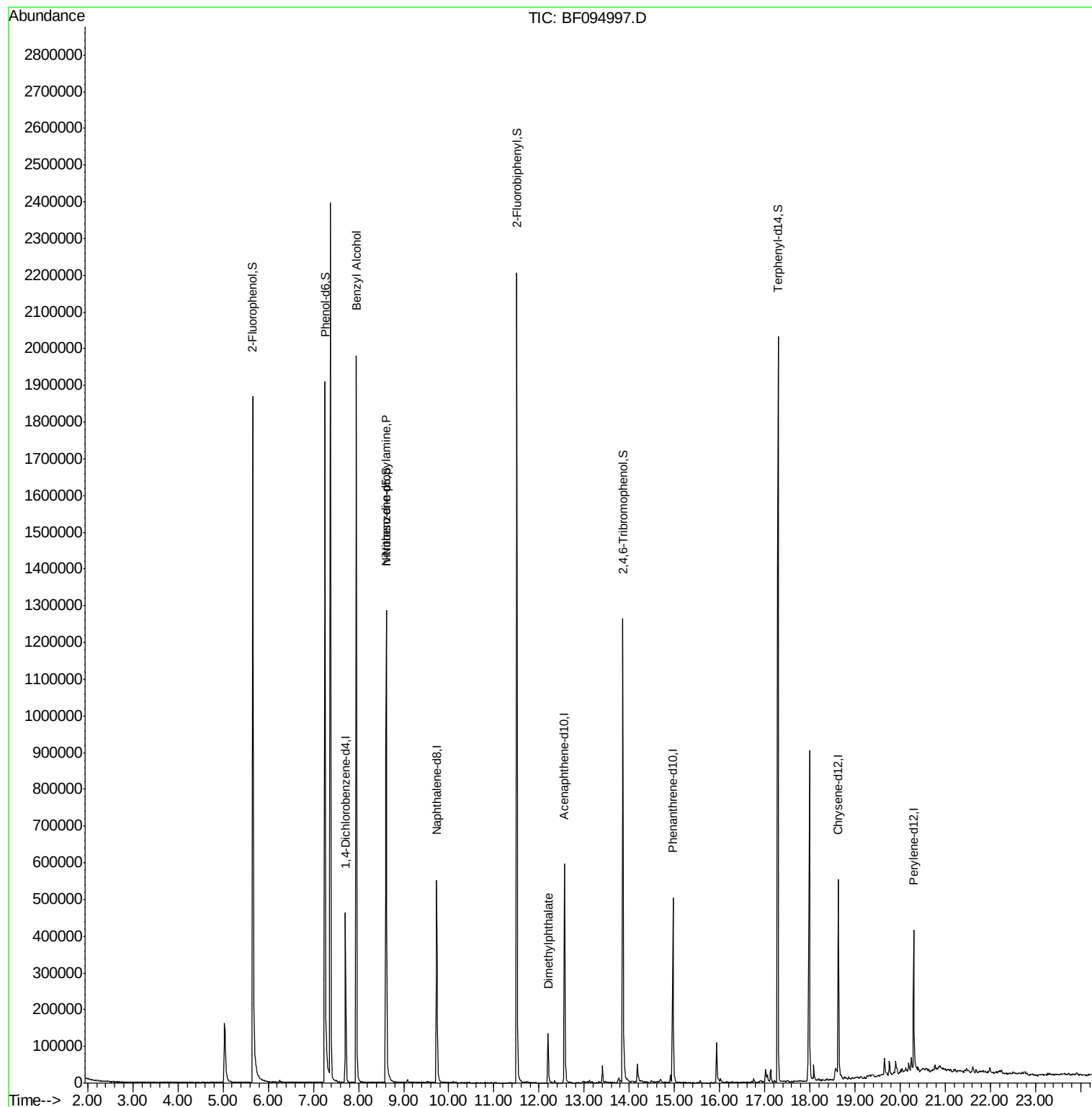
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	97988	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	417603	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	182389	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	270474	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	218496	20.00	ng	-0.02
86) Perylene-d12	20.30	264	171273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	895169	152.31	ng	-0.02
7) Phenol-d6	7.26	99	1116947	158.39	ng	-0.02
23) Nitrobenzene-d5	8.62	82	643825	97.22	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	218058	145.98	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1018315	80.36	ng	-0.02
78) Terphenyl-d14	17.29	244	826770	83.34	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	9679	2.13	ng	# 44
19) n-Nitroso-di-n-propylamine	8.62	70	82258	17.25	ng	# 73
49) Dimethylphthalate	12.20	163	92812	6.20	ng	97

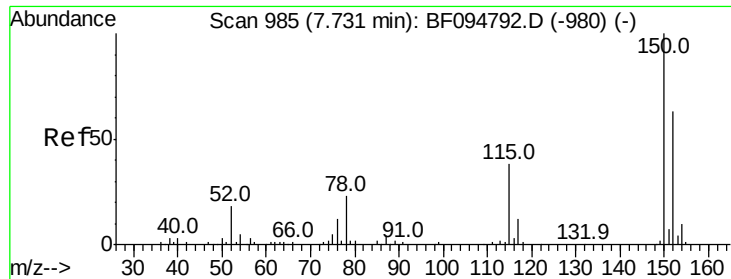
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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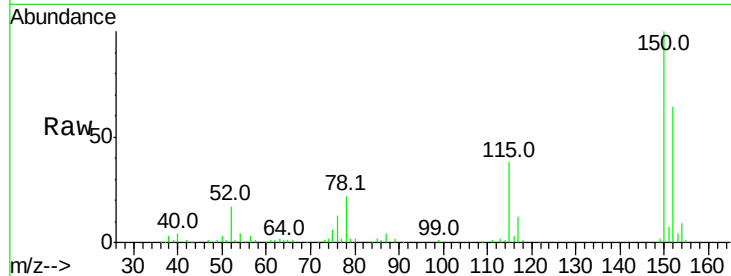


#1

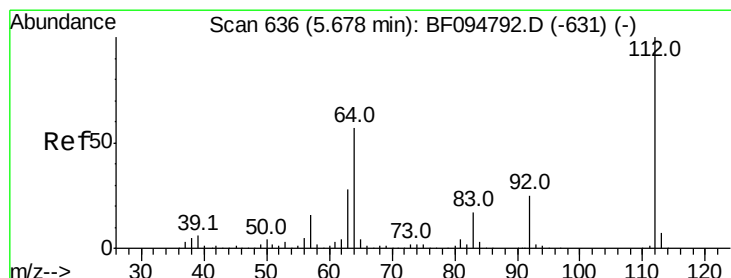
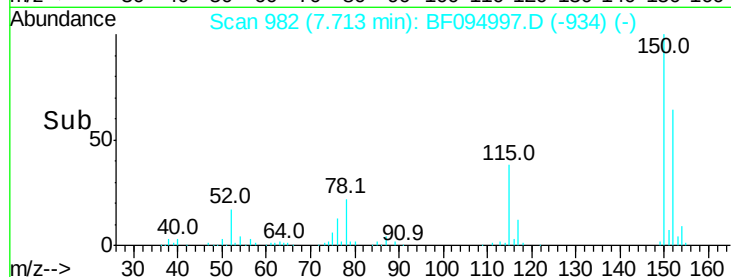
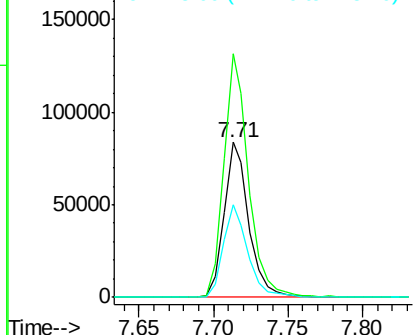
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094997.D
Acq: 9 May 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97988
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 59.8 52.2 78.2



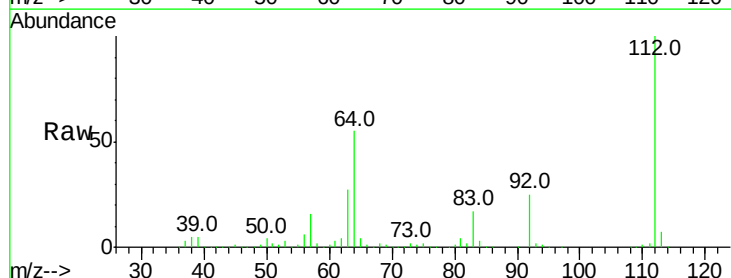
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



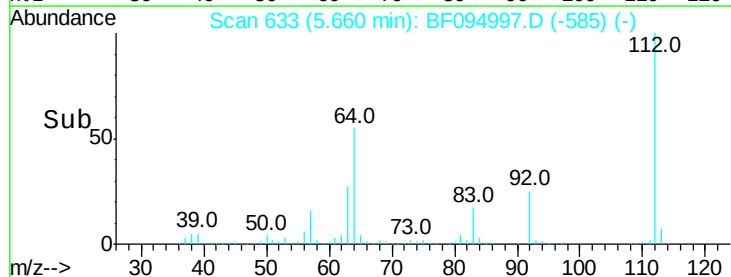
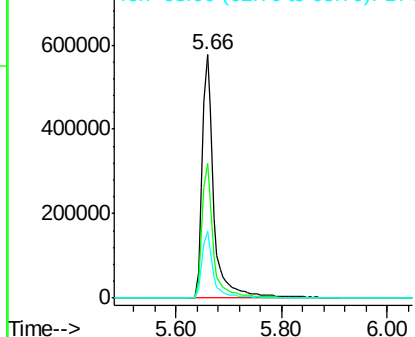
#5

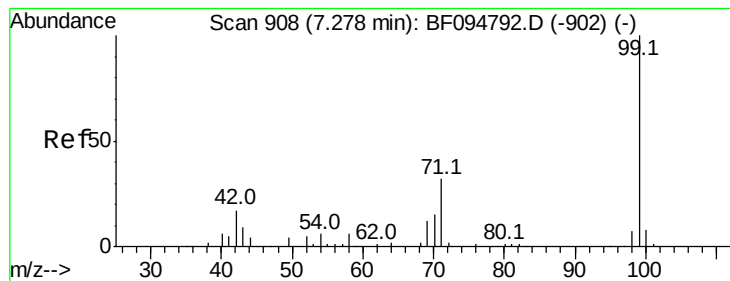
2-Fluorophenol
Concen: 152.31 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094997.D
Acq: 9 May 2017 00:22

Tgt Ion:112 Resp: 895169
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.4 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: 158.39 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094997.D

Acq: 9 May 2017 00:22

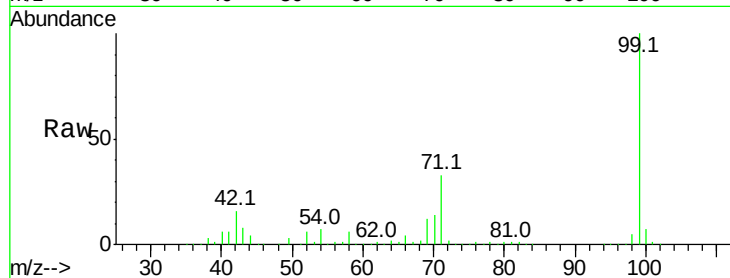
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1116947

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.2	24.5	36.7

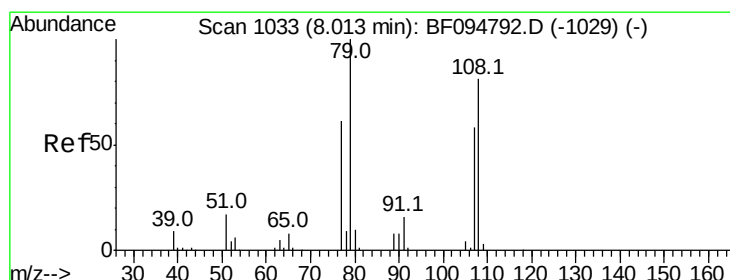
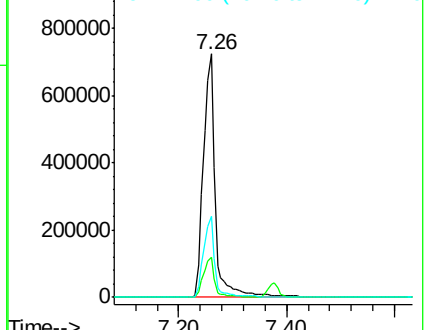
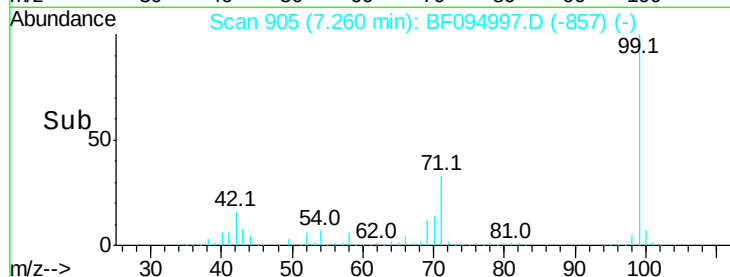


Abundance

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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.95 min Scan# 1023

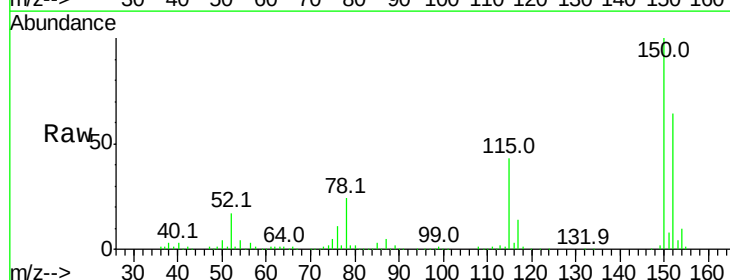
Delta R.T. -0.06 min

Lab File: BF094997.D

Acq: 9 May 2017 00:22

Tgt Ion: 79 Resp: 9679

Ion	Ratio	Lower	Upper
79	100		
108	34.7	63.4	95.0#
77	108.9	49.2	73.8#

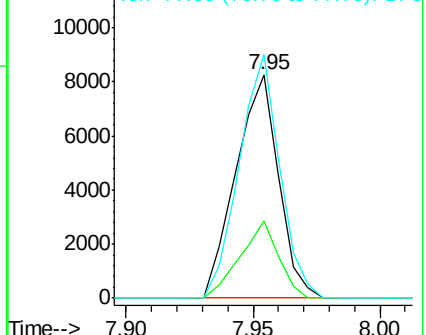
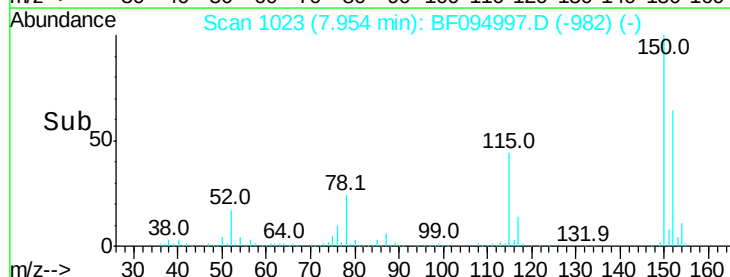


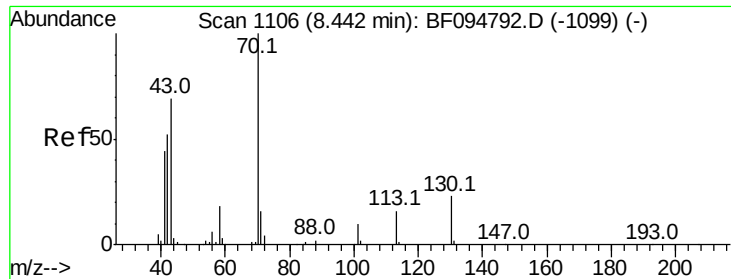
Abundance

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

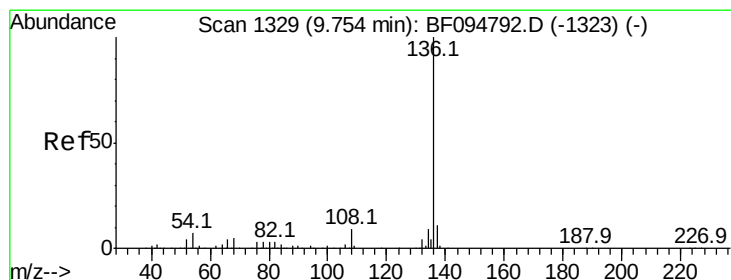
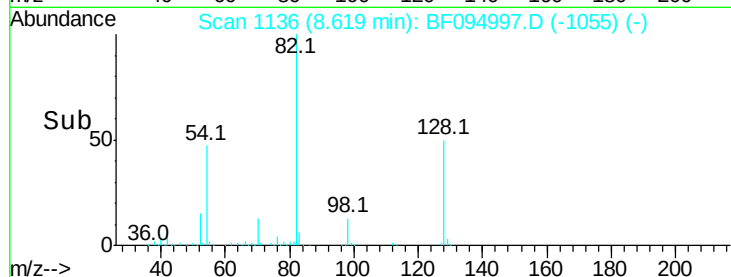
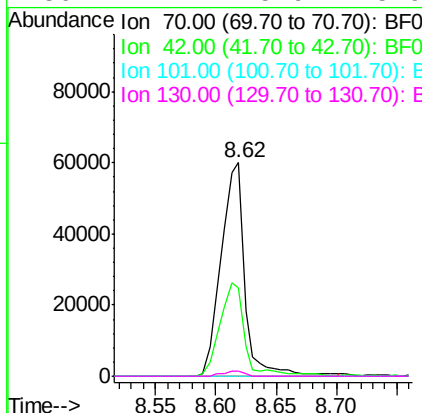
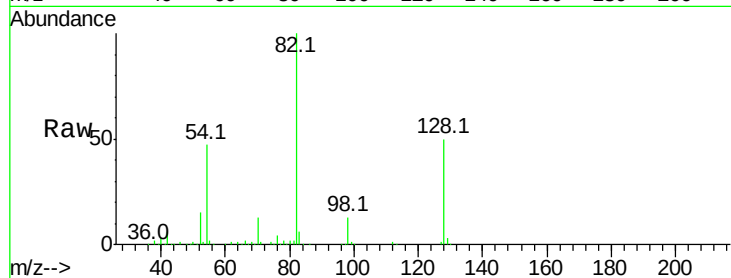




#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094997.D
Acq: 9 May 2017 00:22

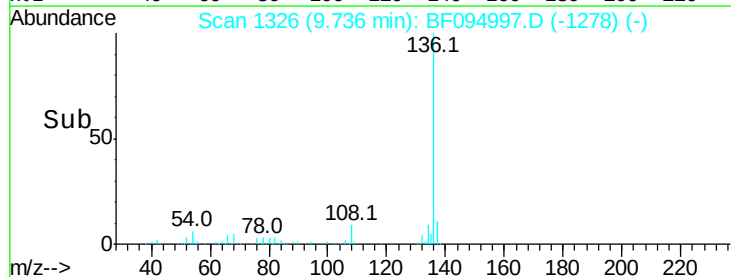
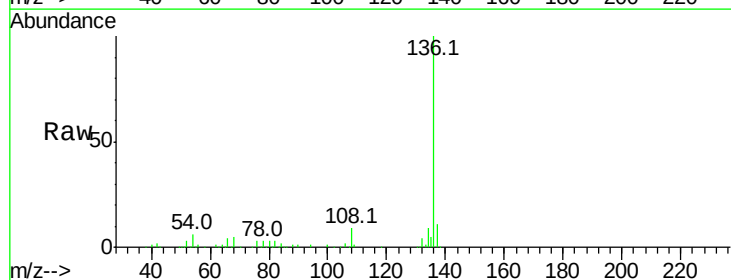
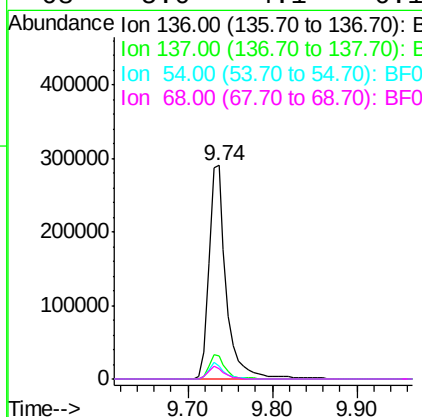
Instrument :
BNA_F
ClientSampled :

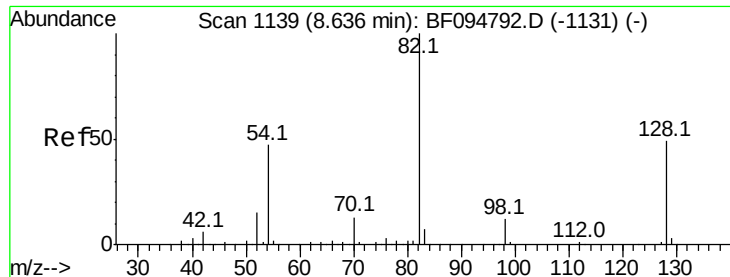
Tot Ion: 70 Resp: 82258
Ion Ratio Lower Upper
70 100
42 41.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094997.D
Acq: 9 May 2017 00:22

Tgt Ion:136 Resp: 417603
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.2 4.9 7.3
68 5.0 4.1 6.1

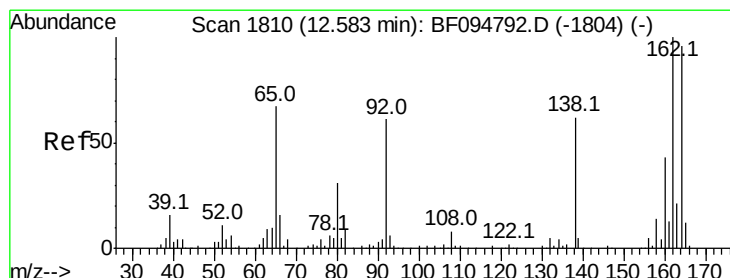
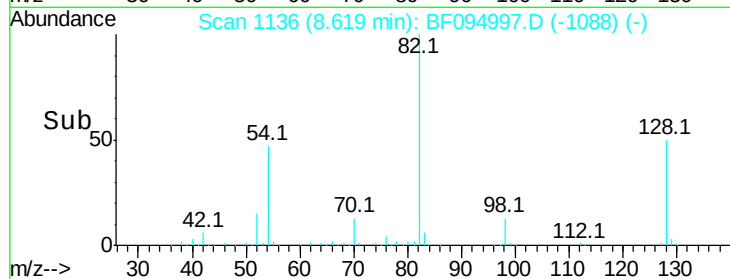
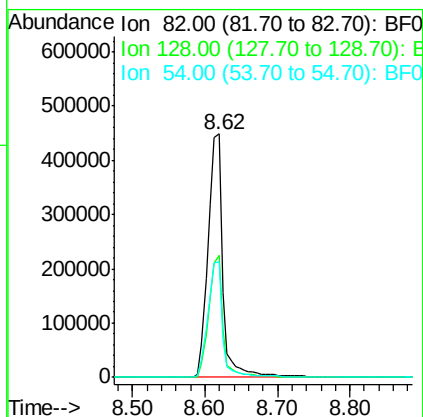
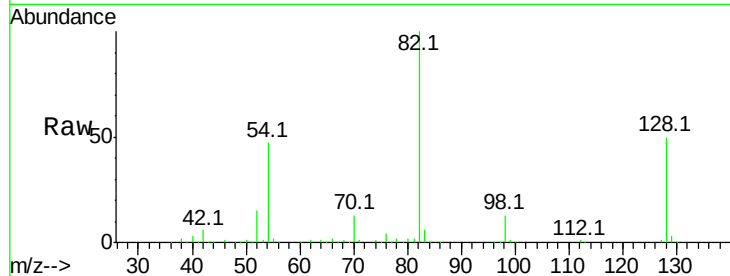




#23
 Nitrobenzene-d5
 Concen: 97.22 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094997.D
 Acq: 9 May 2017 00:22

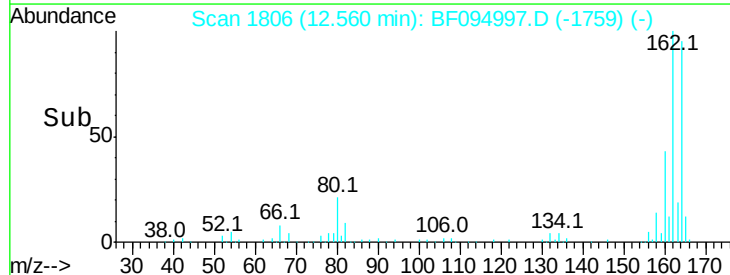
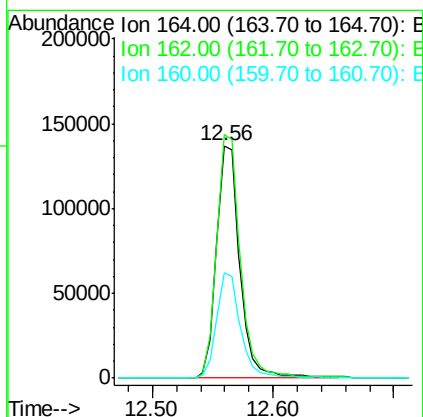
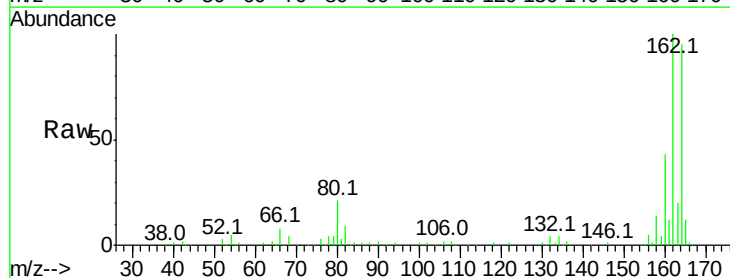
Instrument :
 BNA_F
 ClientSampleID :

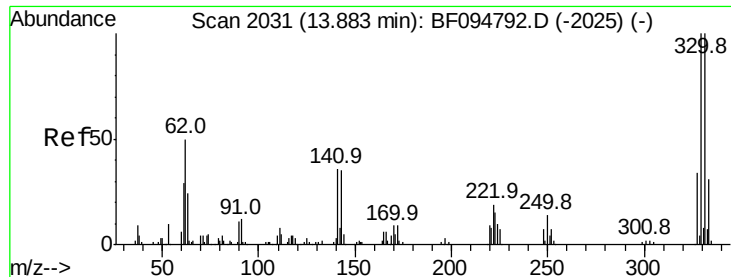
Tot Ion: 82 Resp: 643825
 Ion Ratio Lower Upper
 82 100
 128 50.2 34.0 51.0
 54 47.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF094997.D
 Acq: 9 May 2017 00:22

Tgt Ion: 164 Resp: 182389
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 45.3 36.2 54.2

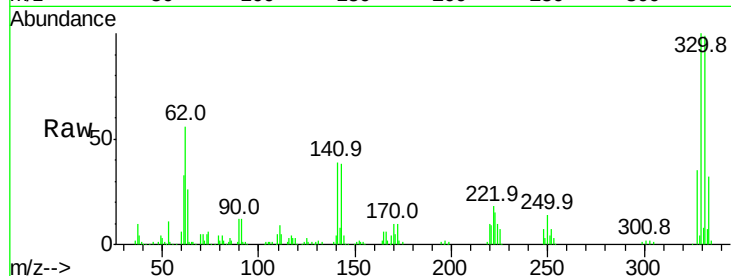




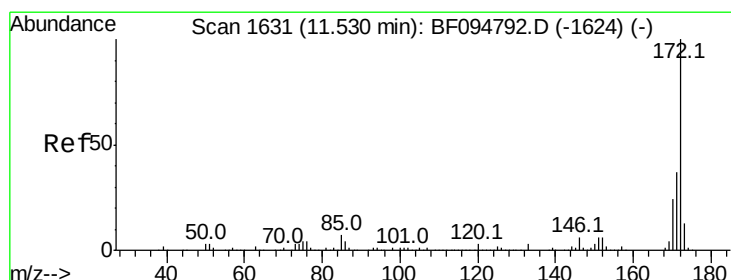
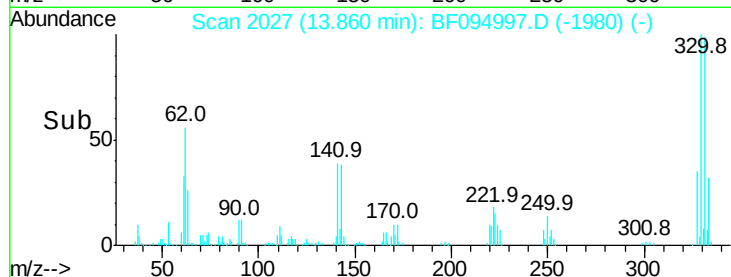
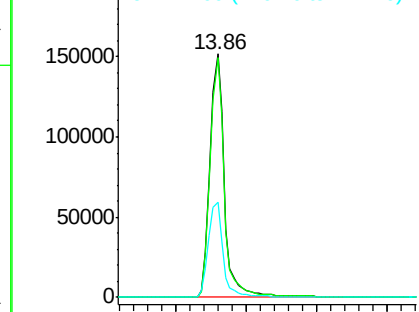
#41
 2,4,6-Tribromophenol
 Concen: 145.98 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094997.D
 Acq: 9 May 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 218058
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.2 31.4 47.2

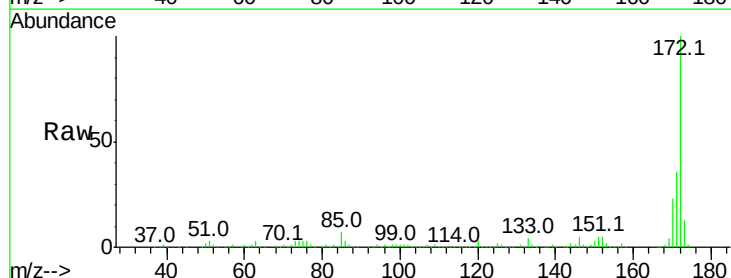


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

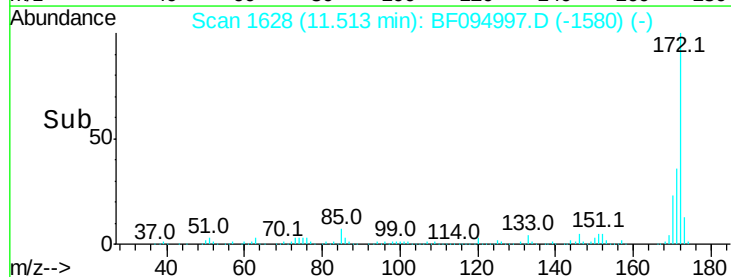
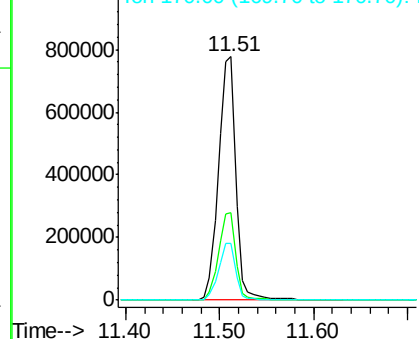


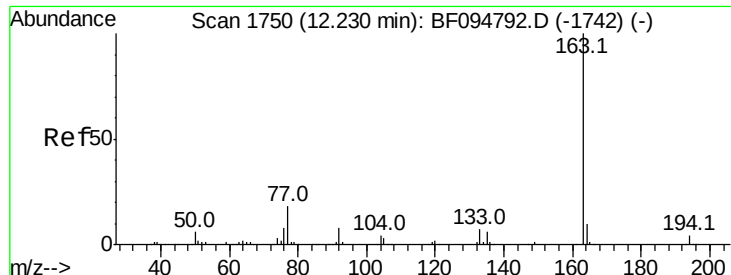
#44
 2-Fluorobiphenyl
 Concen: 80.36 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094997.D
 Acq: 9 May 2017 00:22

Tgt Ion:172 Resp: 1018315
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 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: 6.20 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF094997.D

Acq: 9 May 2017 00:22

Instrument :

BNA_F

ClientSampleId :

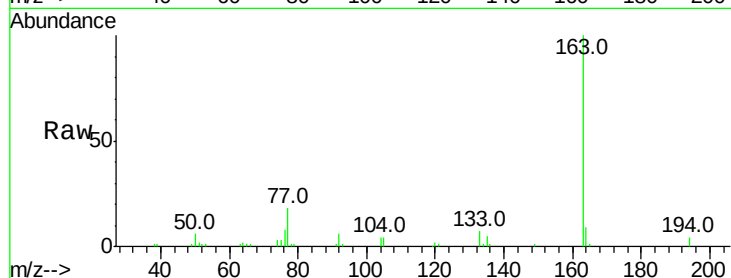
Tot Ion:163 Resp: 92812

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

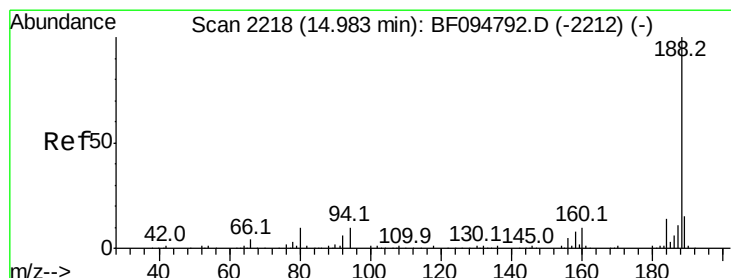
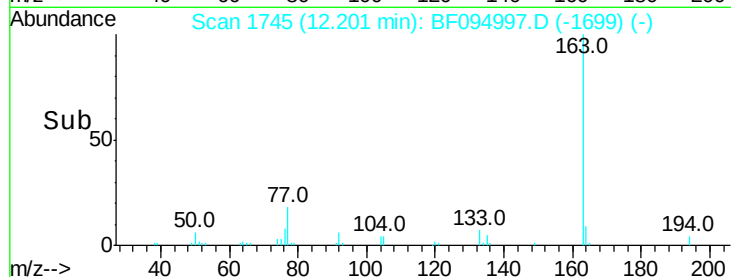
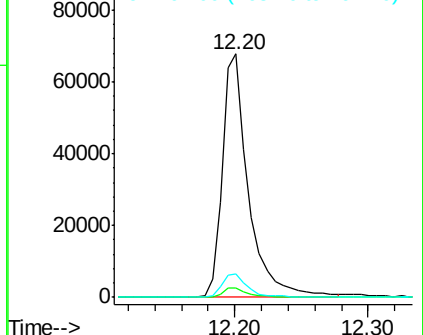
164 9.4 8.4 12.6



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: BF094997.D

Acq: 9 May 2017 00:22

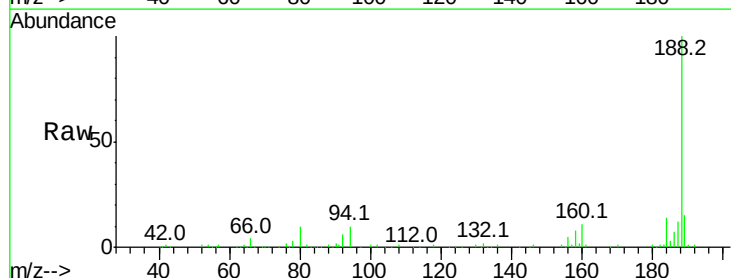
Tgt Ion:188 Resp: 270474

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

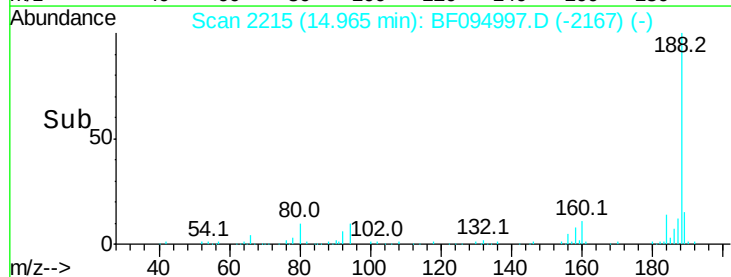
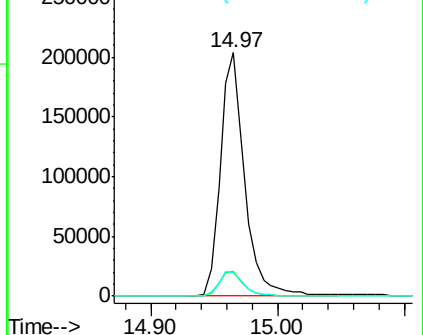
80 9.7 10.2 15.2#

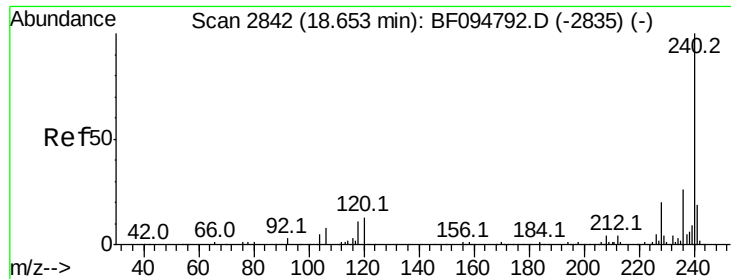


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF094997.D

Acq: 9 May 2017 00:22

Instrument :

BNA_F

ClientSampled :

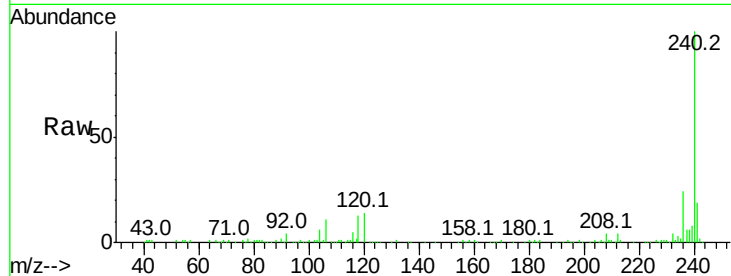
Tot Ion:240 Resp: 218496

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

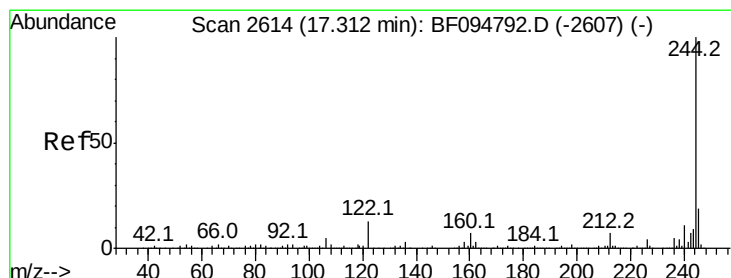
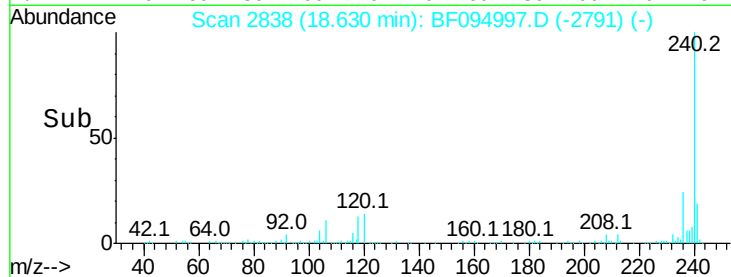
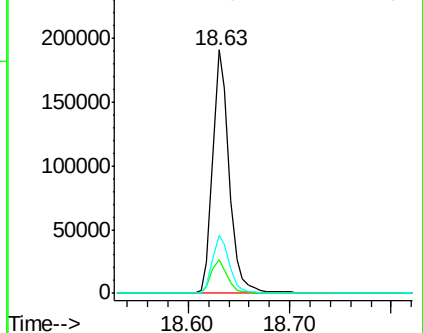
236 23.9 20.5 30.7



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: 83.34 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094997.D

Acq: 9 May 2017 00:22

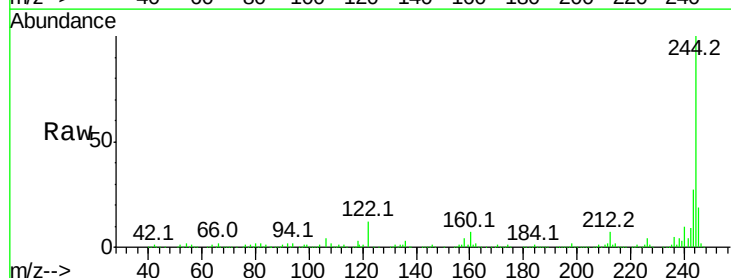
Tgt Ion:244 Resp: 826770

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

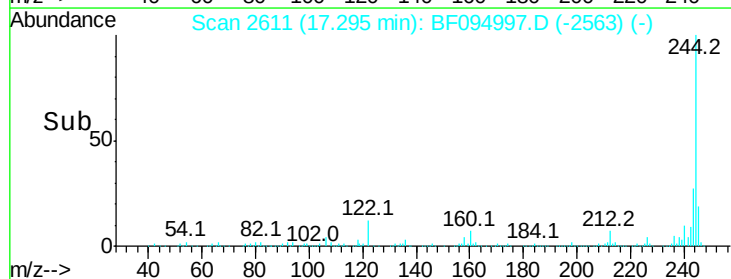
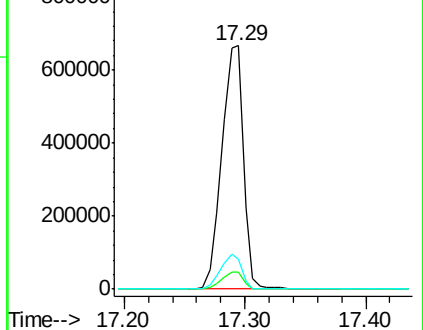
122 12.5 10.3 15.5

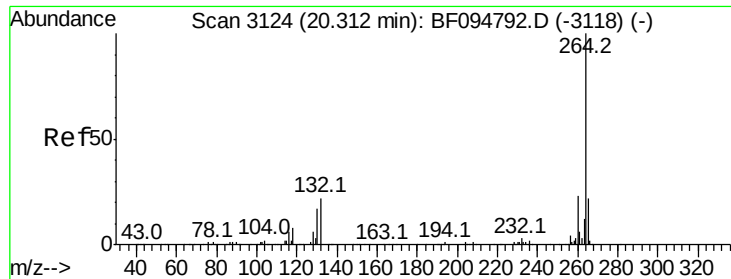


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

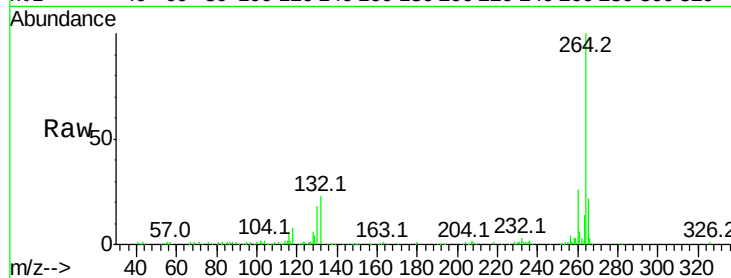




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094997.D
Acq: 9 May 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.9	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

