

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094955.D
 Acq On : 6 May 2017 11:53
 Operator : SJ/MA
 Sample : I2947-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:54:58 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

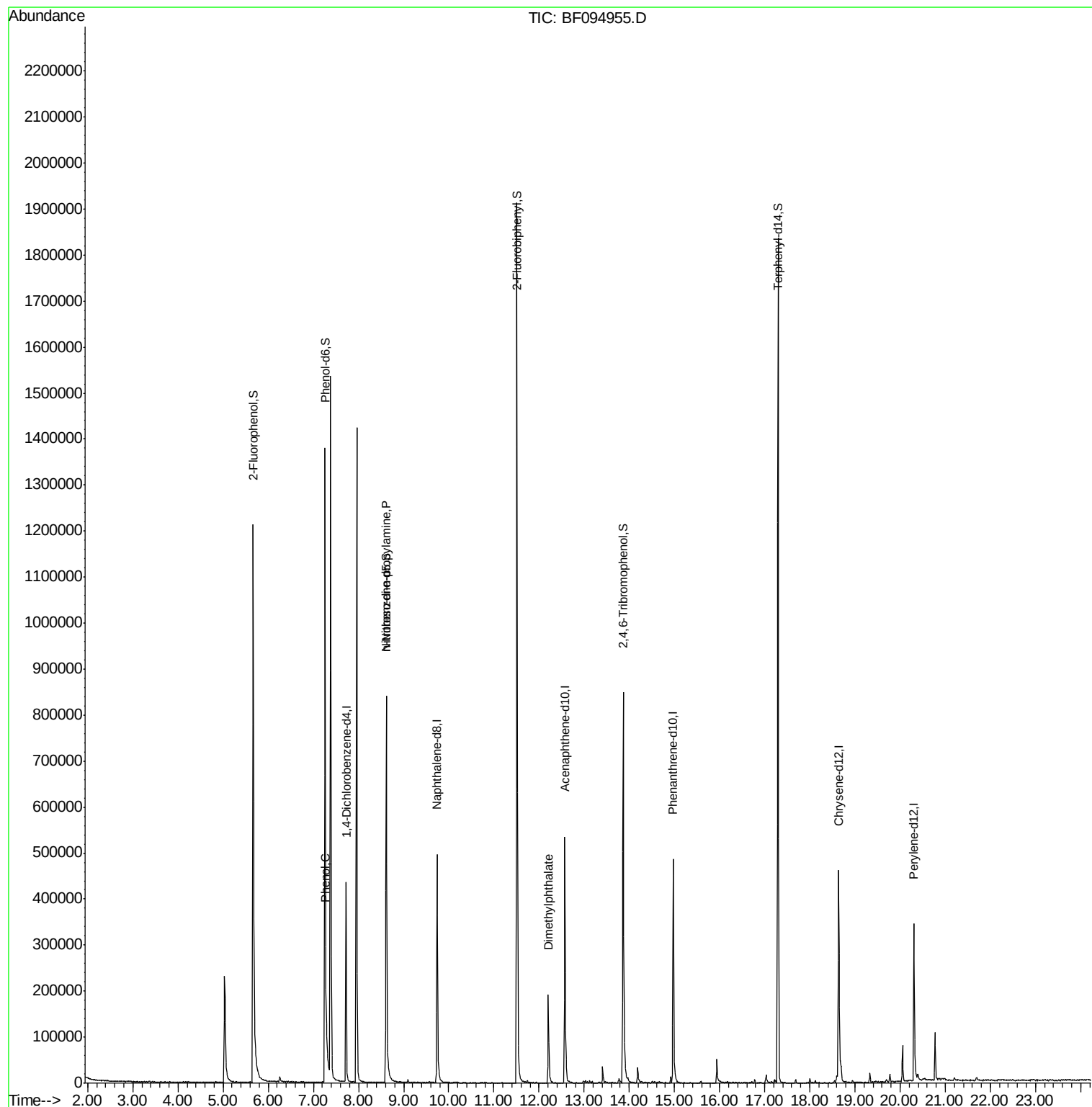
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97801	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	386343	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165405	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	300714	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	253585	20.00	ng	-0.01
86) Perylene-d12	20.31	264	185655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	615101	104.86	ng	-0.01
7) Phenol-d6	7.26	99	760798	108.09	ng	-0.02
23) Nitrobenzene-d5	8.62	82	425819	69.50	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	166505	122.92	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	888228	77.29	ng	-0.02
78) Terphenyl-d14	17.29	244	724678	62.94	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	15105	2.04	ng	# 66
19) n-Nitroso-di-n-propylamine	8.62	70	52790	11.09	ng	# 74
49) Dimethylphthalate	12.21	163	135771	10.00	ng	97

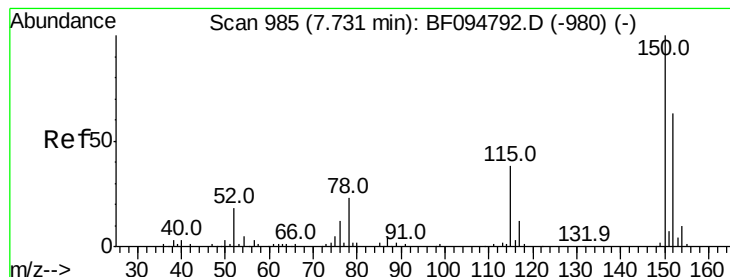
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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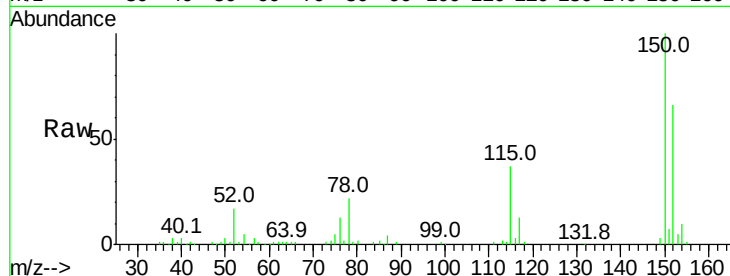


#1

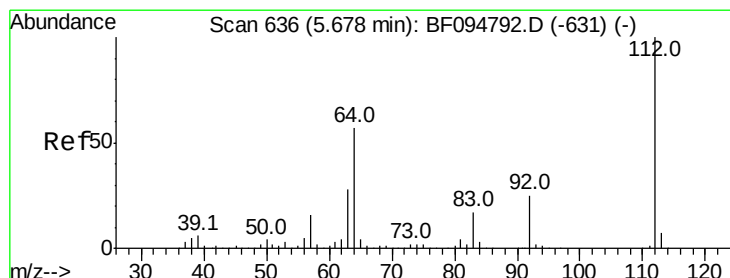
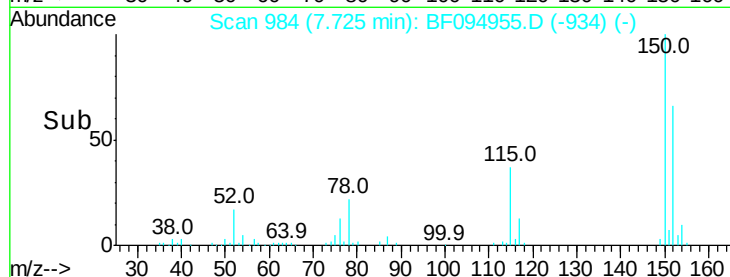
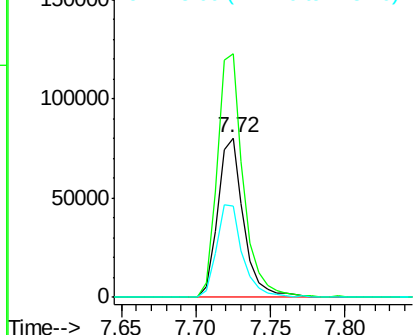
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97801
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 56.9 52.2 78.2



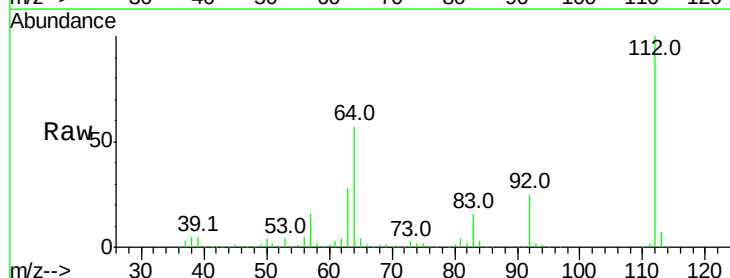
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



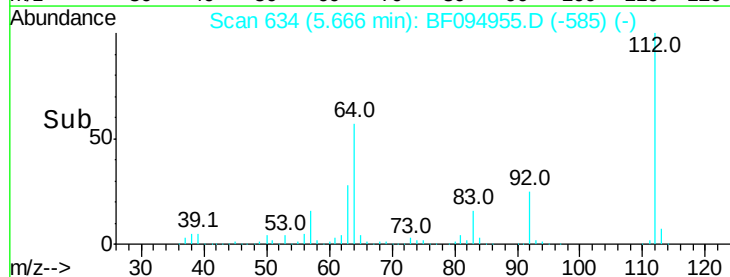
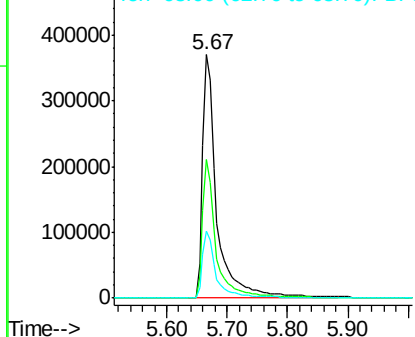
#5

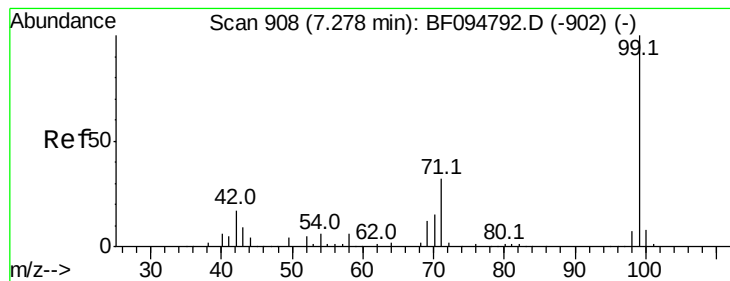
2-Fluorophenol
Concen: 104.86 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

Tgt Ion:112 Resp: 615101
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.7 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: 108.09 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

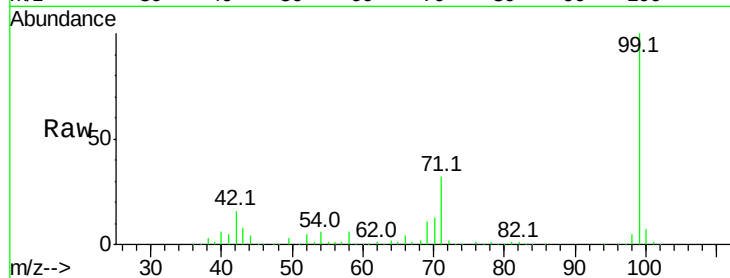
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 760798

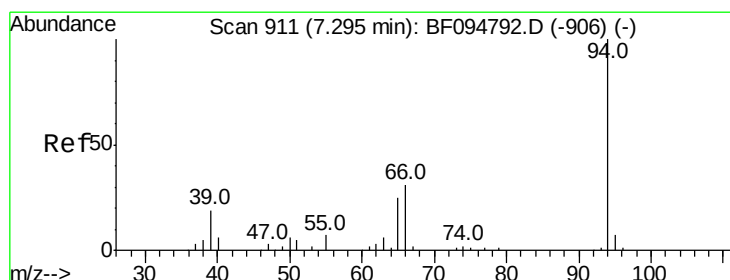
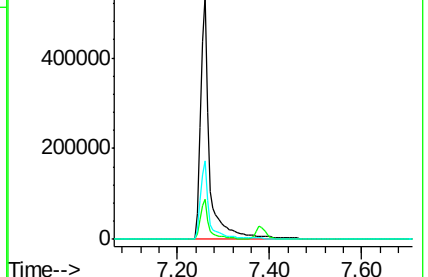
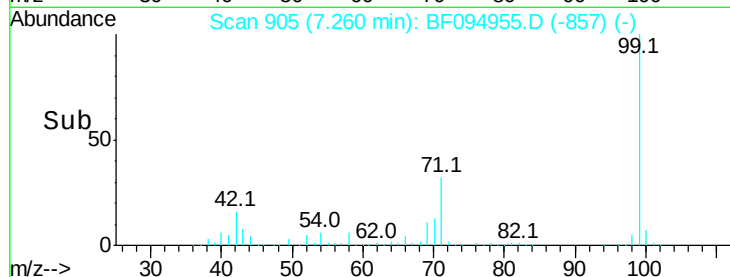
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.3	24.5	36.7



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



#10

Phenol

Concen: 2.04 ng

RT: 7.28 min Scan# 908

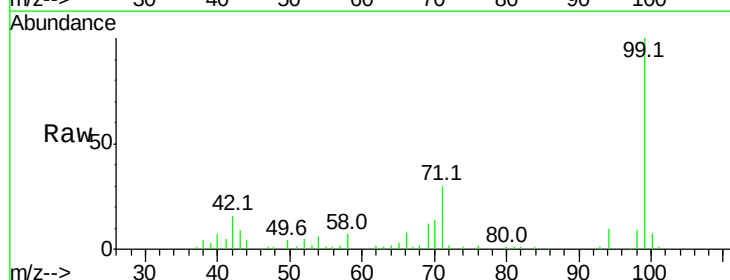
Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Tgt Ion: 94 Resp: 15105

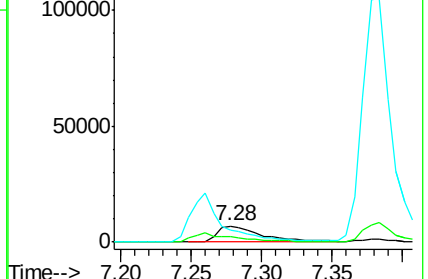
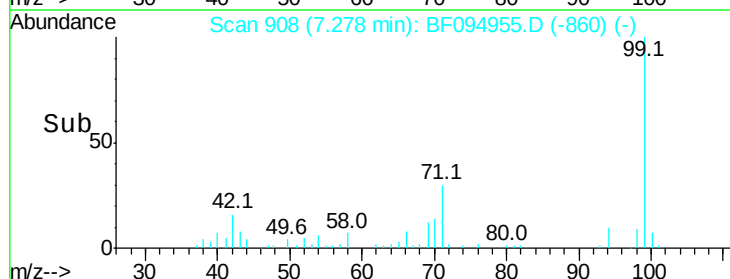
Ion	Ratio	Lower	Upper
94	100		
65	33.1	9.9	49.9
66	77.2	23.1	63.1

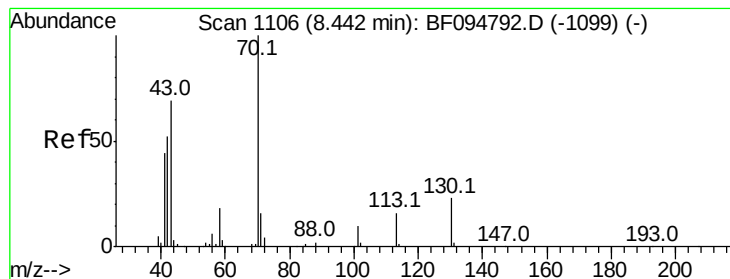


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.09 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 52790

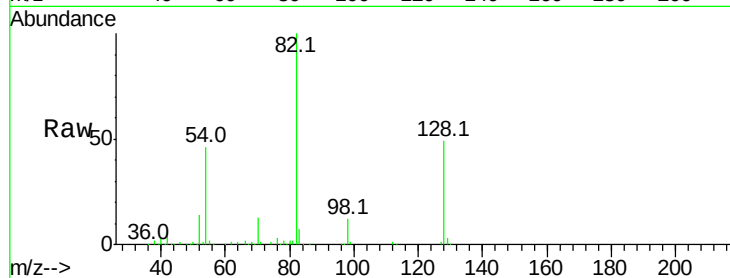
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

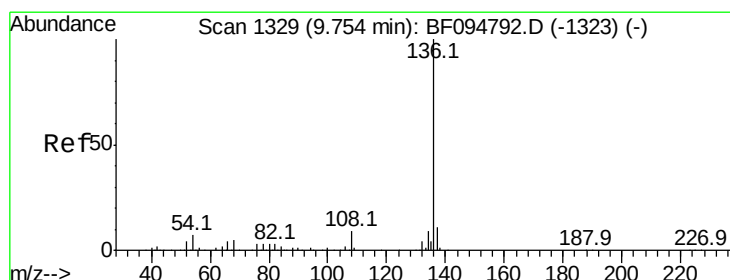
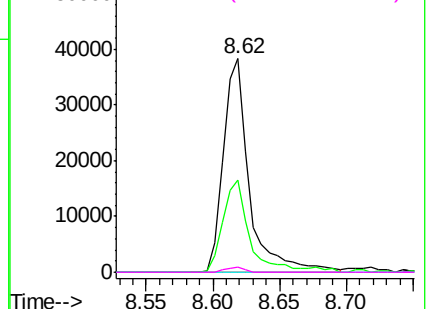
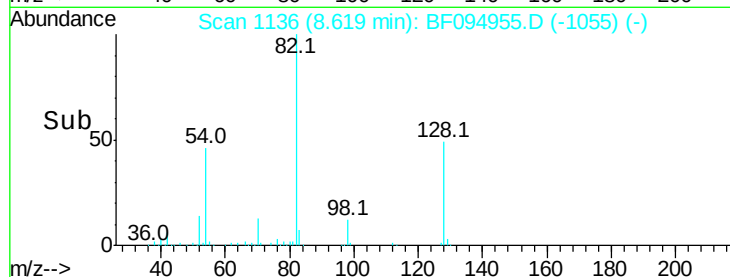


Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 1327

Delta R.T. -0.01 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Tgt Ion: 136 Resp: 386343

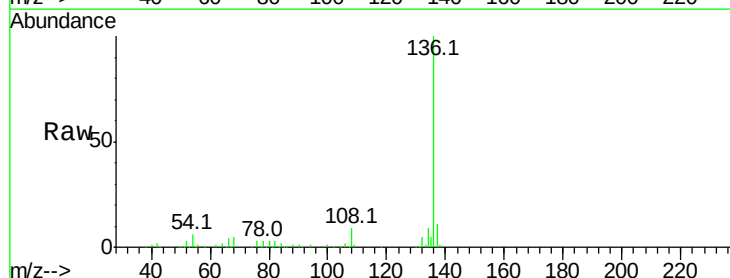
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

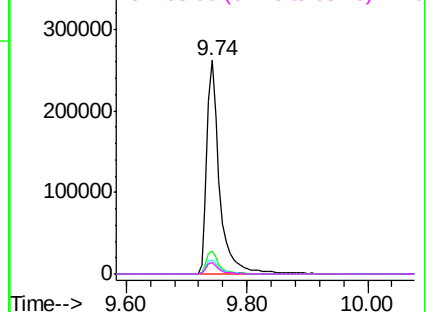
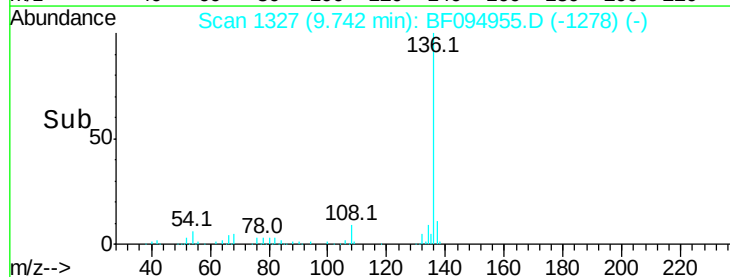


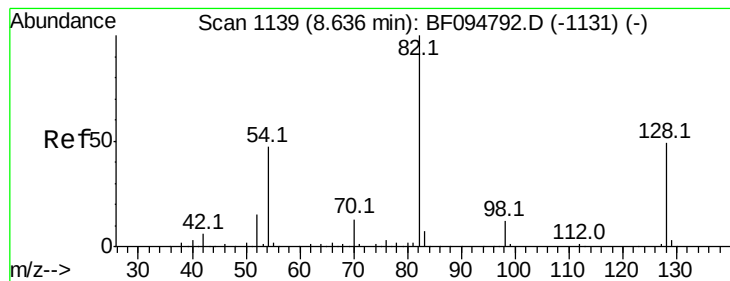
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 69.50 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

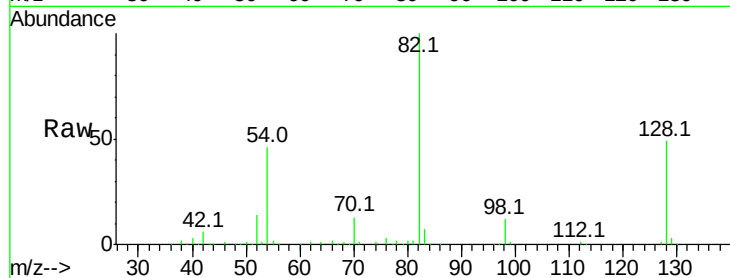
Tot Ion: 82 Resp: 425819

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

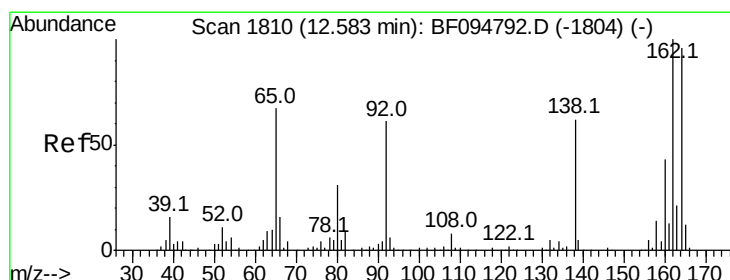
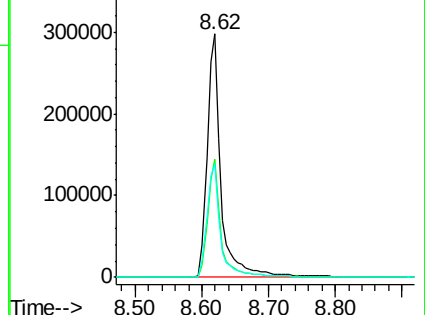
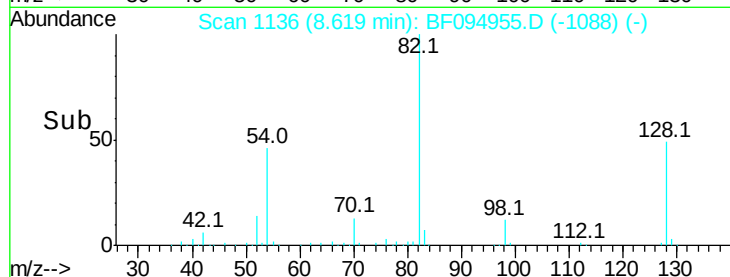
54 46.4 42.2 63.2



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: BF094955.D

Acq: 6 May 2017 11:53

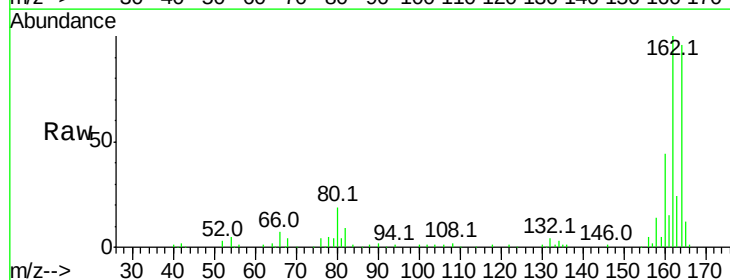
Tgt Ion: 164 Resp: 165405

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

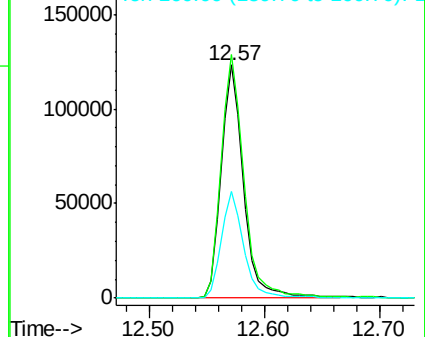
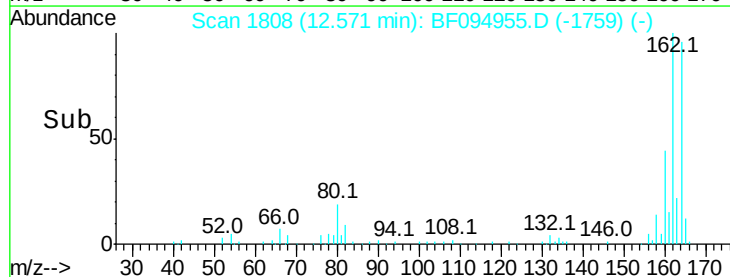
160 45.8 36.2 54.2

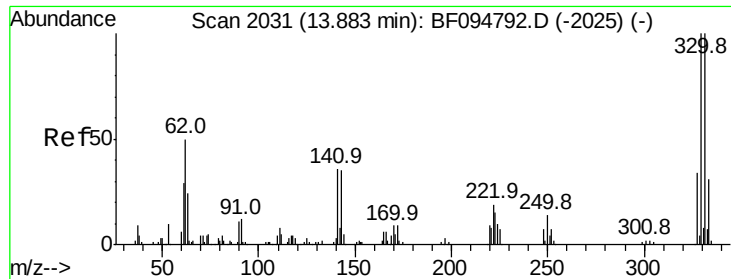


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

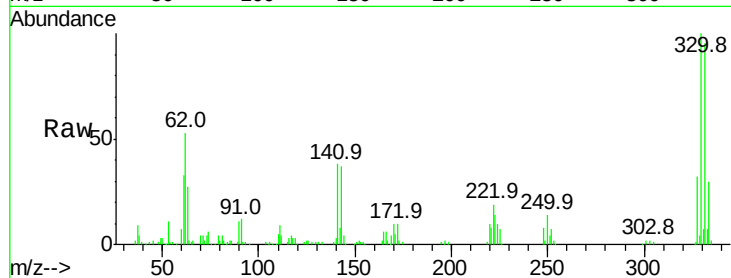




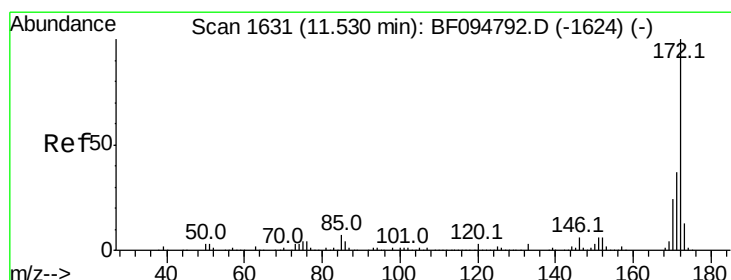
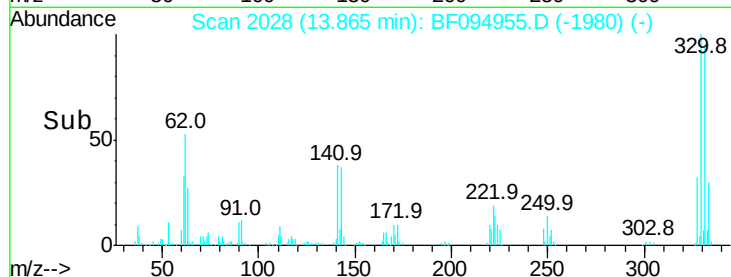
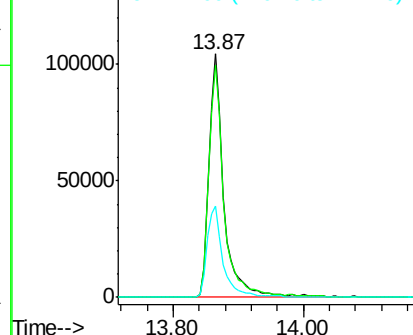
#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 166505
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 40.0 31.4 47.2

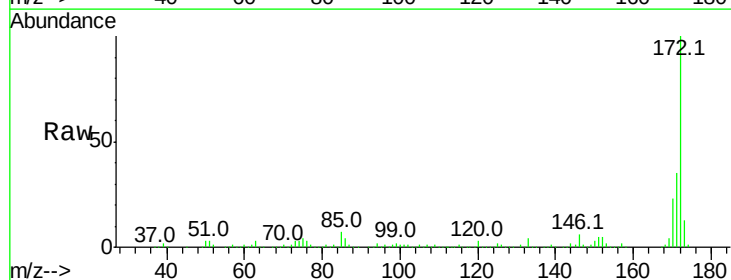


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

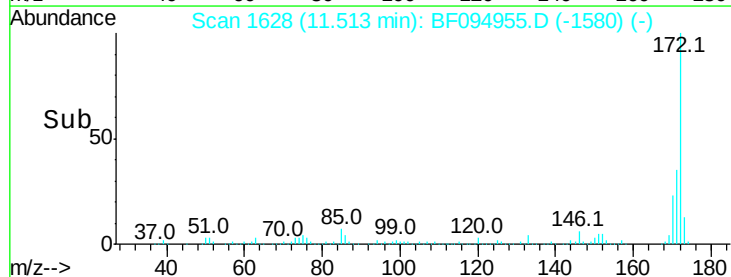
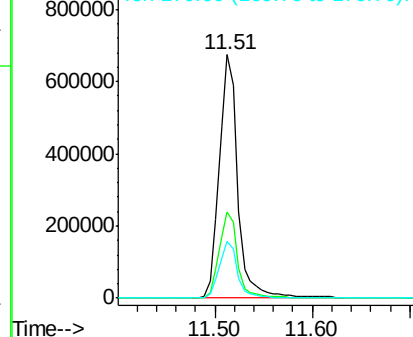


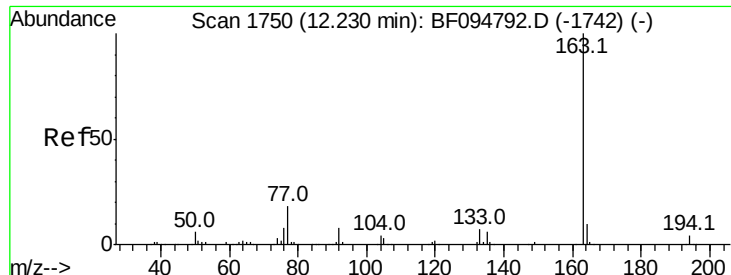
#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Tgt Ion:172 Resp: 888228
 Ion Ratio Lower Upper
 172 100
 171 35.4 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: 10.00 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

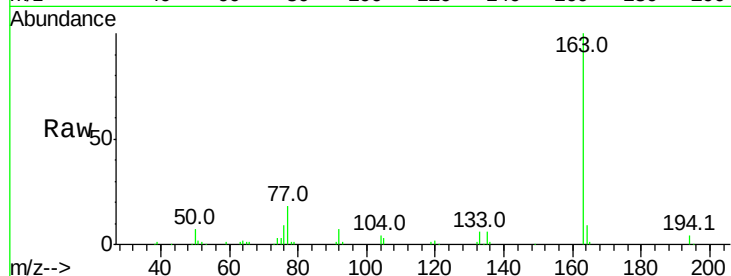
Tot Ion:163 Resp: 135771

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

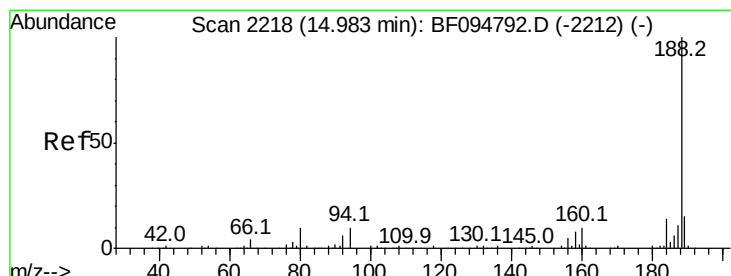
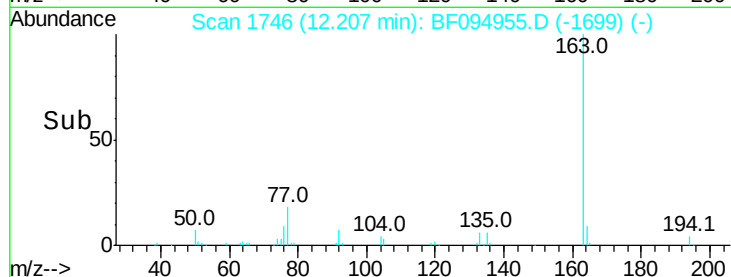
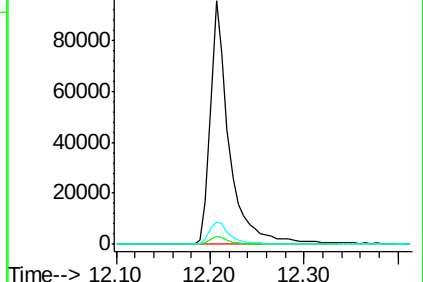
164 9.2 8.4 12.6



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# 2216

Delta R.T. -0.01 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

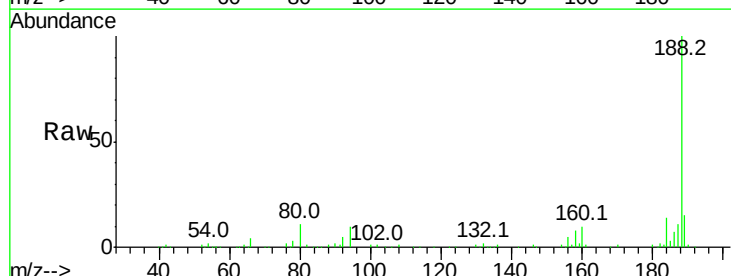
Tgt Ion:188 Resp: 300714

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

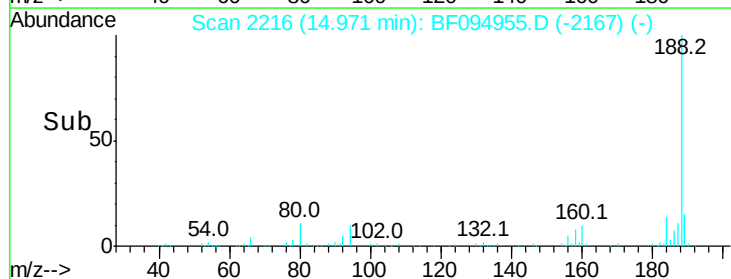
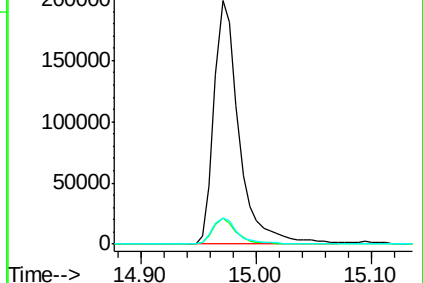
80 10.9 10.2 15.2

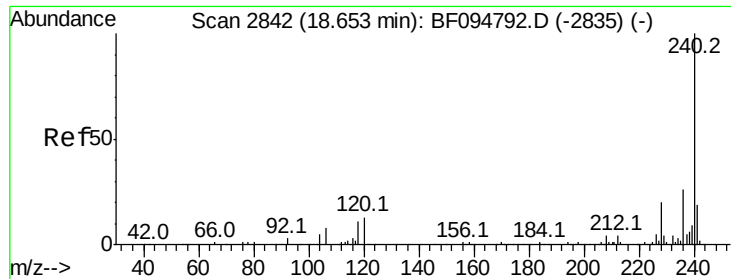


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

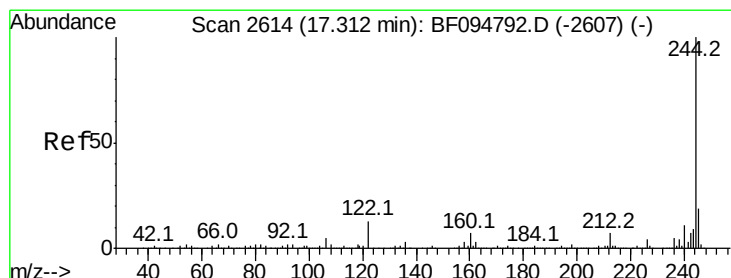
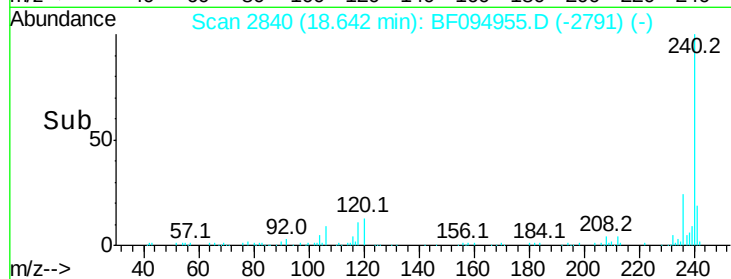
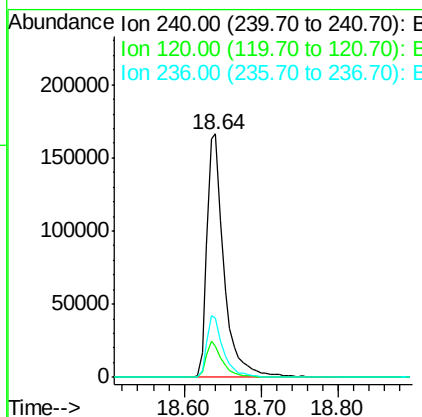
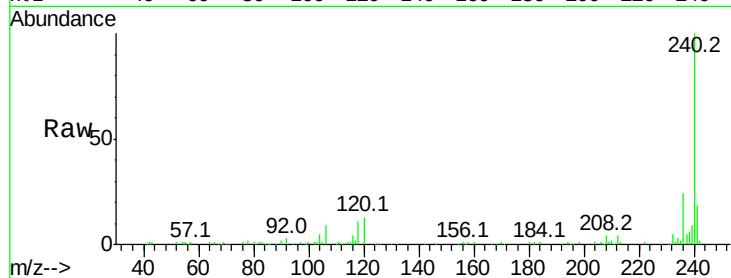




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

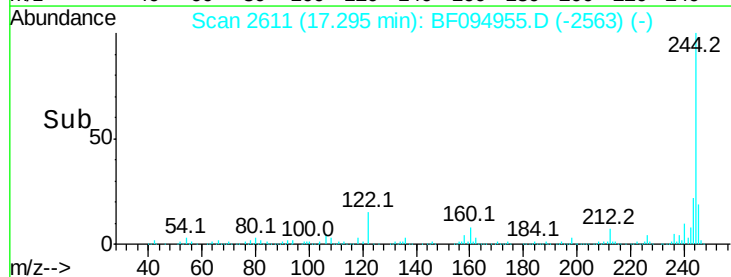
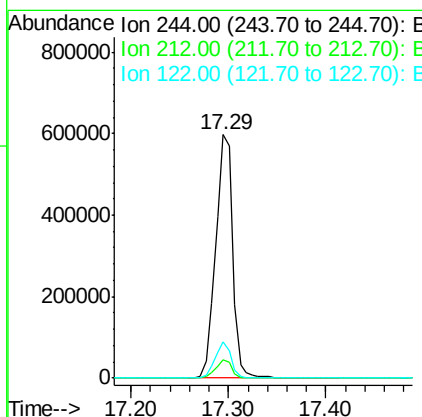
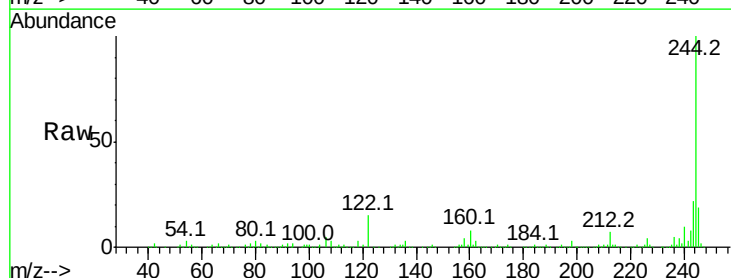
Instrument :
 BNA_F
 ClientSampleId :

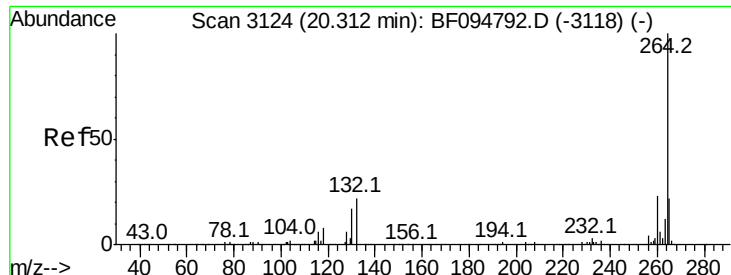
Tot Ion:240 Resp: 253585
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 24.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 62.94 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Tgt Ion:244 Resp: 724678
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.9 10.3 15.5

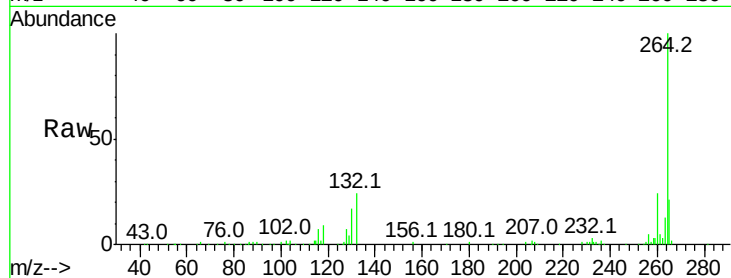




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

