

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094957.D
 Acq On : 6 May 2017 12:57
 Operator : SJ/MA
 Sample : I2947-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:55:17 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

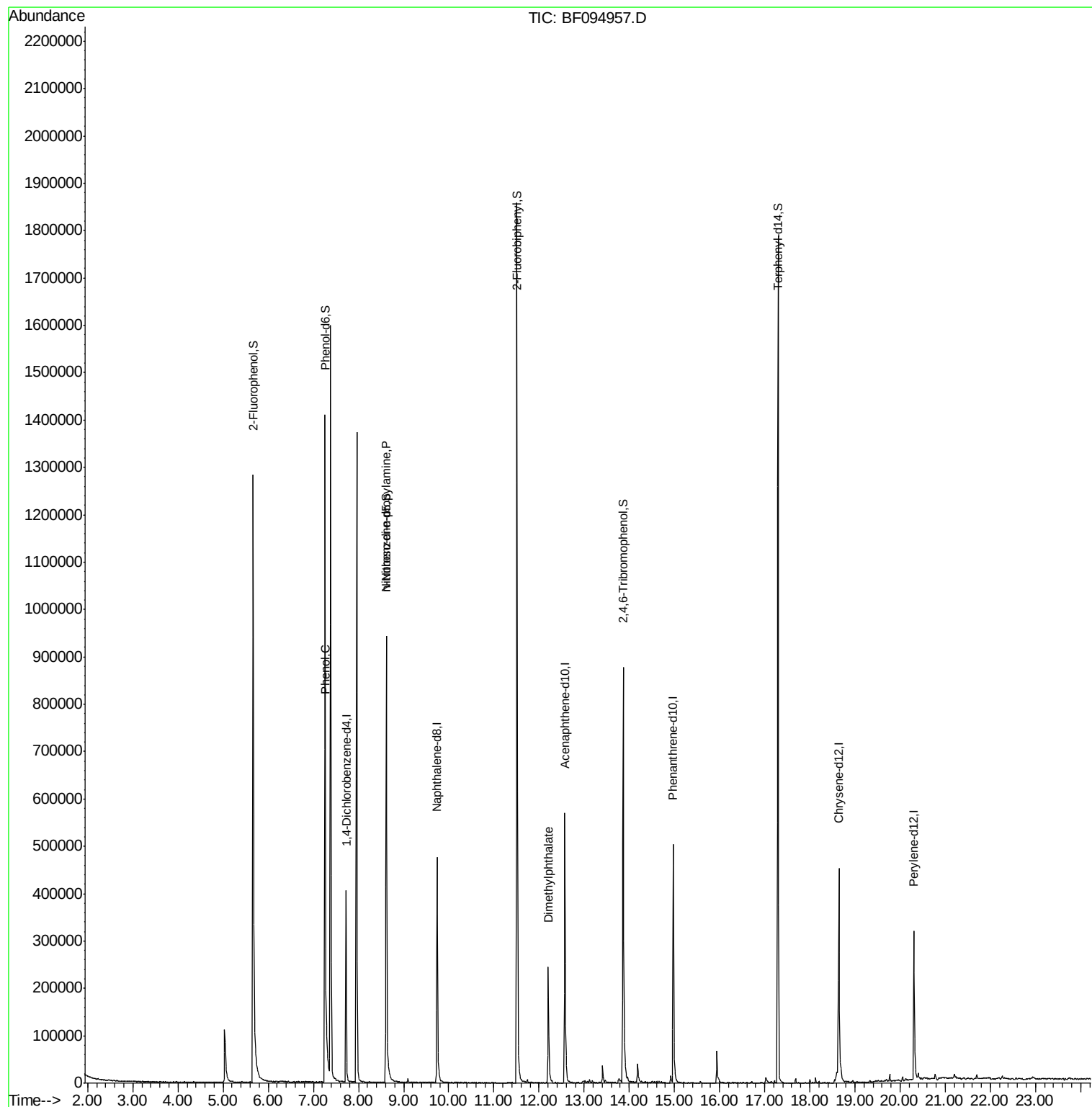
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88839	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367988	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	175234	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	313912	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	237042	20.00	ng	-0.01
86) Perylene-d12	20.31	264	175758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	633804	118.94	ng	-0.01
7) Phenol-d6	7.26	99	761467	119.10	ng	-0.02
23) Nitrobenzene-d5	8.62	82	455239	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	165586	115.38	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	844375	69.36	ng	-0.02
78) Terphenyl-d14	17.29	244	670803	62.33	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	17417	2.59	ng	# 65
19) n-Nitroso-di-n-propylamine	8.62	70	56552	13.08	ng	# 78
49) Dimethylphthalate	12.21	163	167724	11.66	ng	99

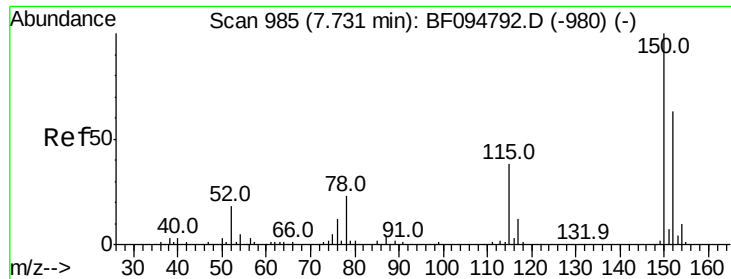
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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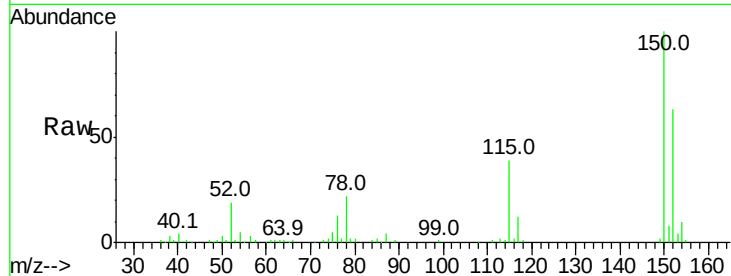


#1

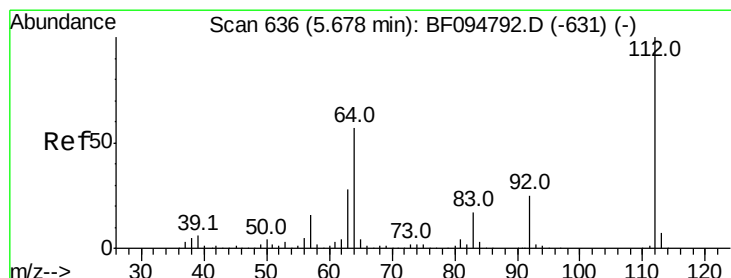
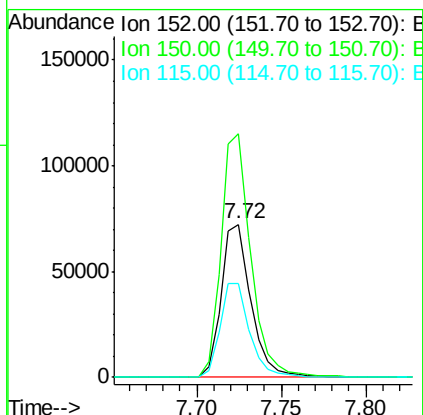
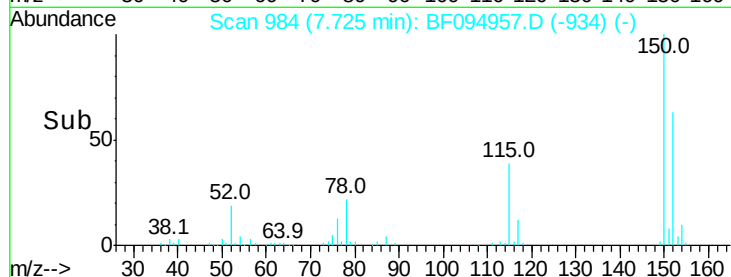
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88839
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 61.2 52.2 78.2



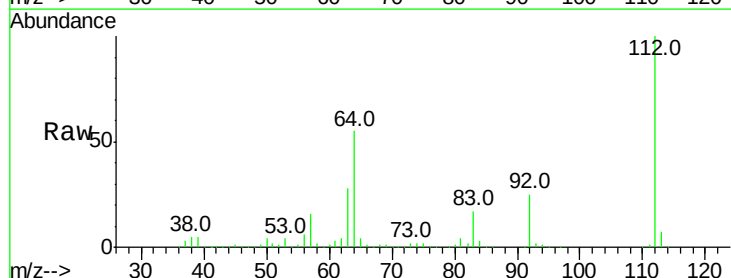
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



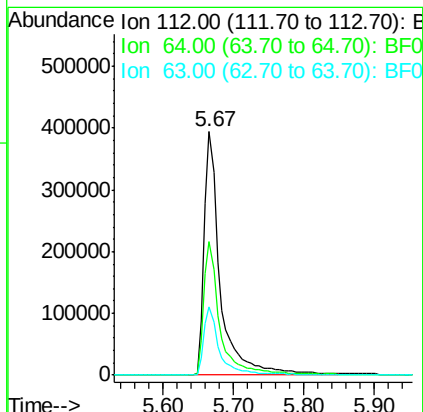
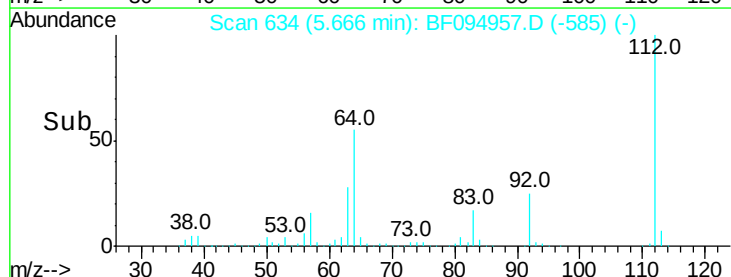
#5

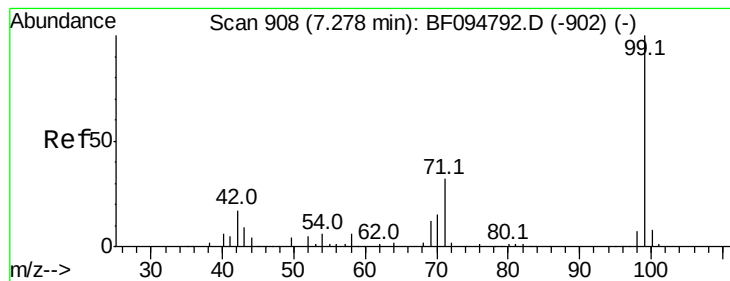
2-Fluorophenol
Concen: 118.94 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

Tgt Ion:112 Resp: 633804
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 27.9 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: 119.10 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

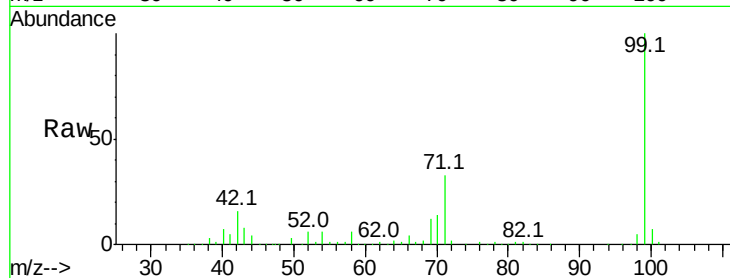
Tot Ion: 99 Resp: 761467

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.1	24.5	36.7

99 100

42 16.3 13.5 20.3

71 33.1 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

600000

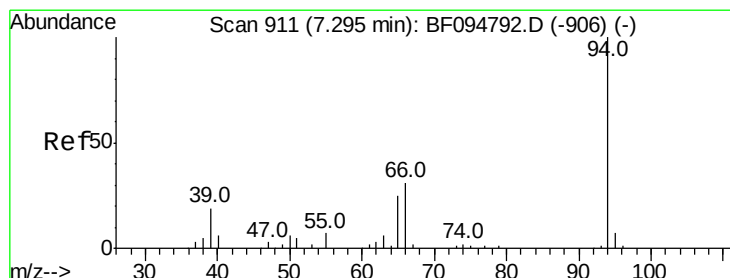
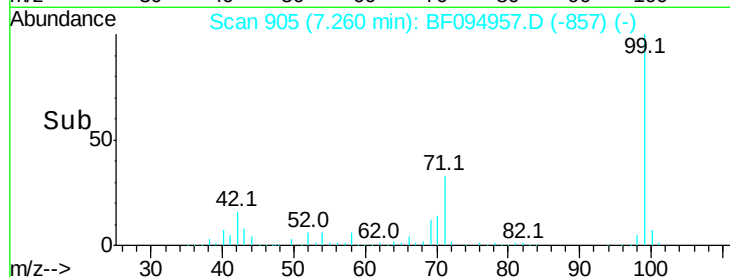
400000

200000

0

7.20 7.30 7.40 7.50

Time-->



#10

Phenol

Concen: 2.59 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

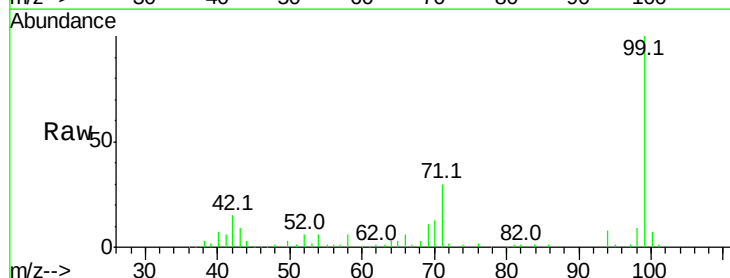
Tgt Ion: 94 Resp: 17417

Ion	Ratio	Lower	Upper
94	100		
65	36.5	9.9	49.9
66	75.7	23.1	63.1

94 100

65 36.5 9.9 49.9

66 75.7 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

150000

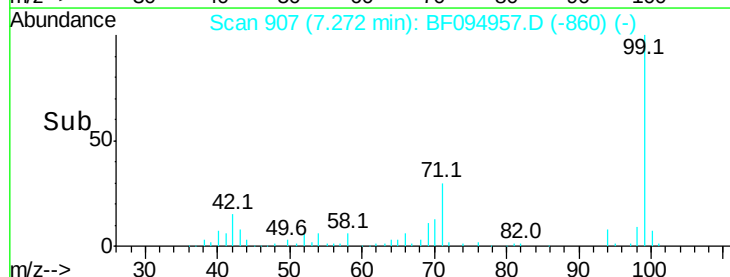
100000

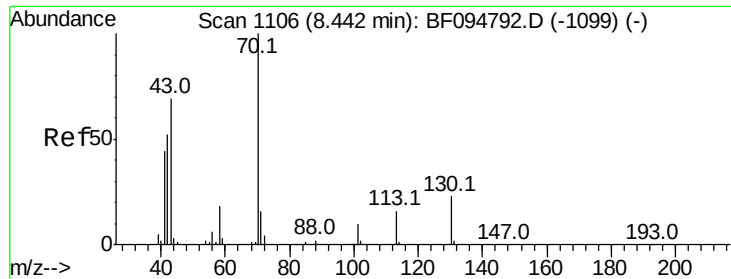
50000

0

7.20 7.25 7.30 7.35

Time-->

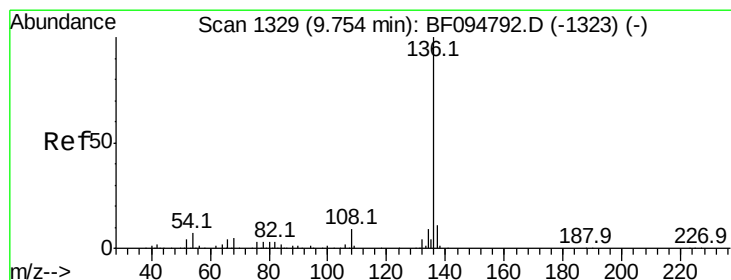
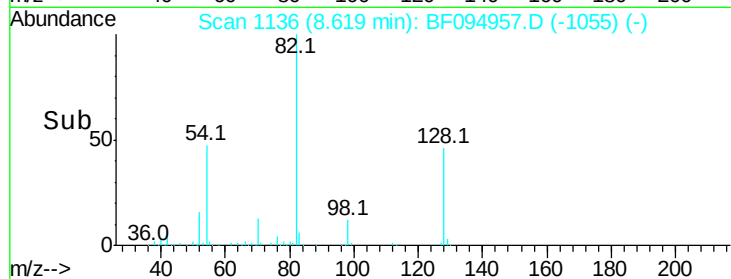
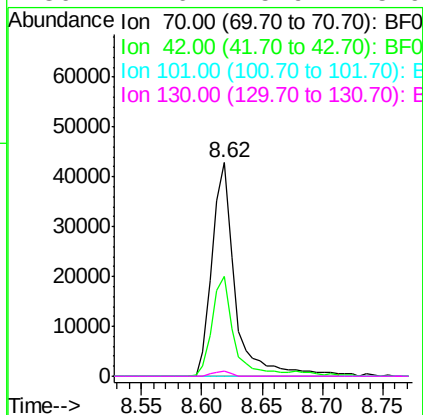
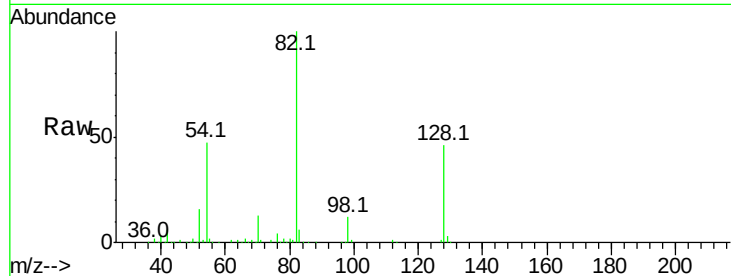




#19
n-Nitroso-di-n-propylamine
Concen: 13.08 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

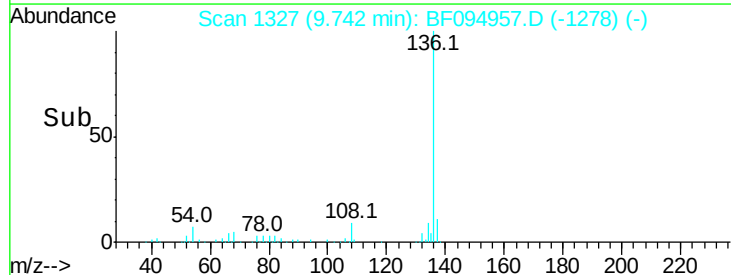
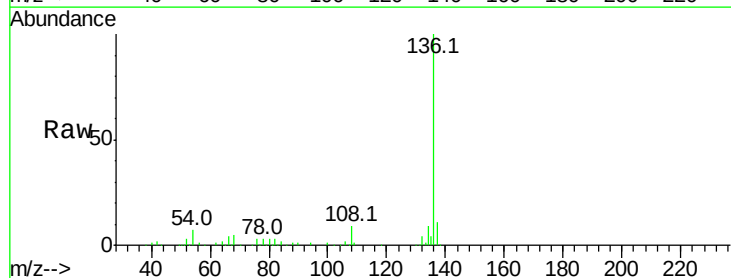
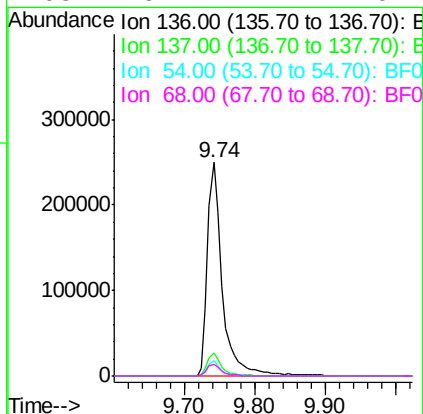
Instrument :
BNA_F
ClientSampleId :

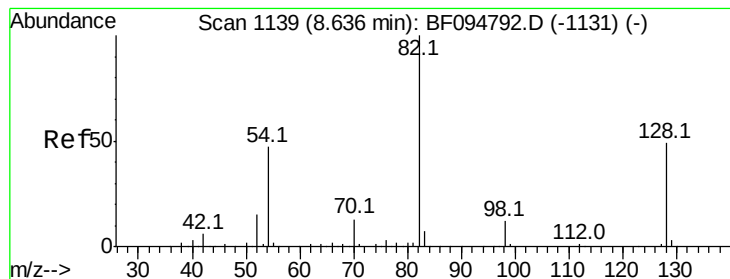
Tot Ion: 70 Resp: 56552
Ion Ratio Lower Upper
70 100
42 46.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

Tgt Ion: 136 Resp: 367988
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.01 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampled :

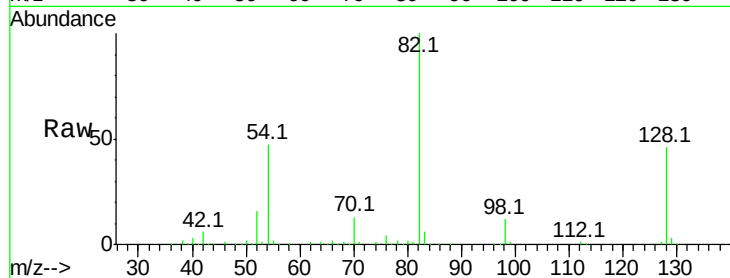
Tot Ion: 82 Resp: 455239

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

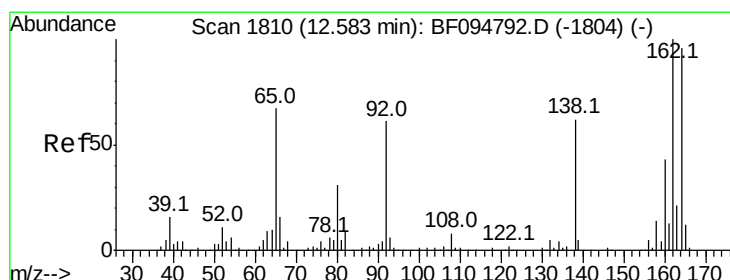
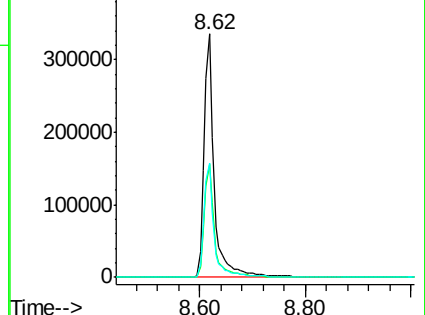
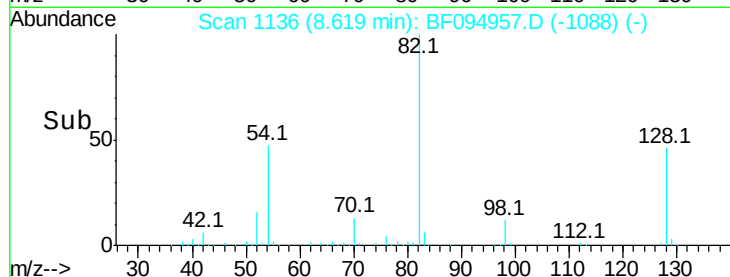
54 47.0 42.2 63.2



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: BF094957.D

Acq: 6 May 2017 12:57

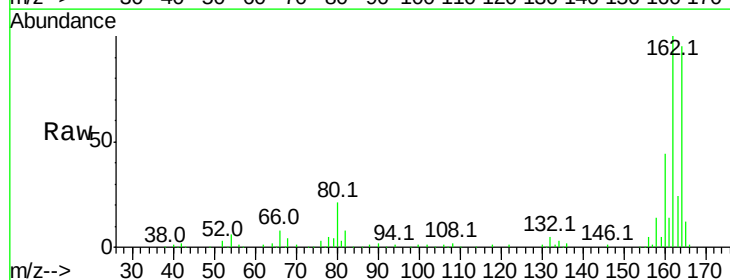
Tgt Ion: 164 Resp: 175234

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

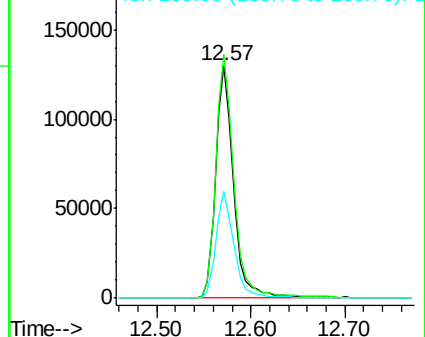
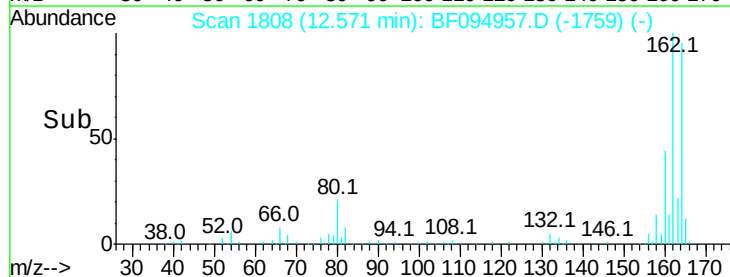
160 46.0 36.2 54.2

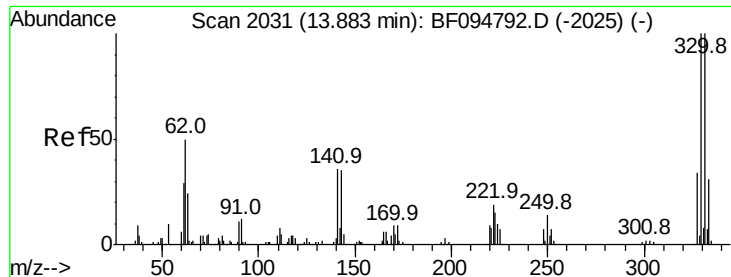


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

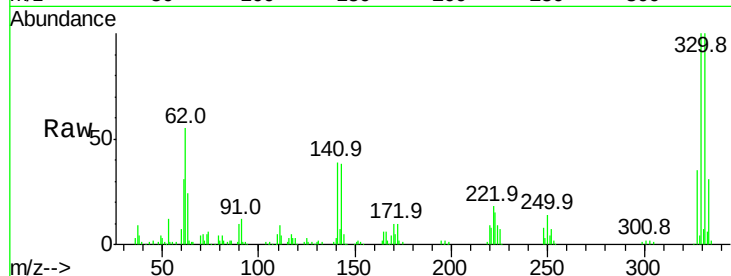




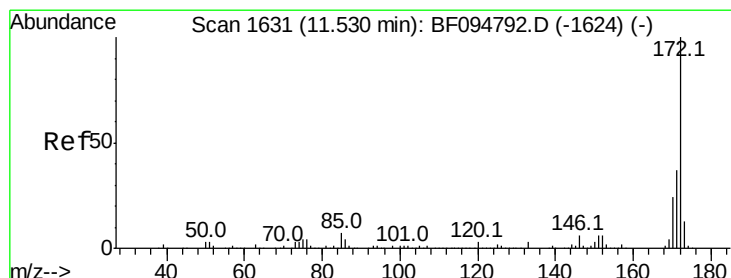
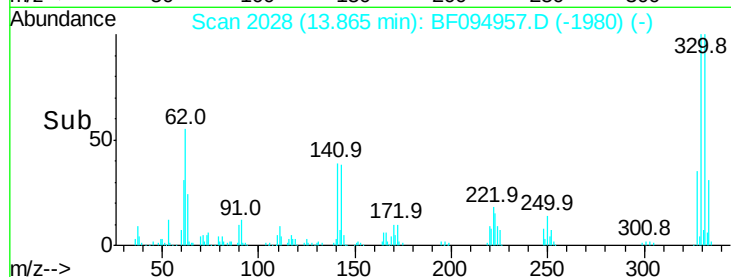
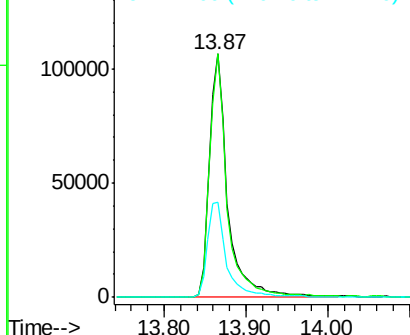
#41
 2,4,6-Tribromophenol
 Concen: 115.38 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.5	31.4	47.2

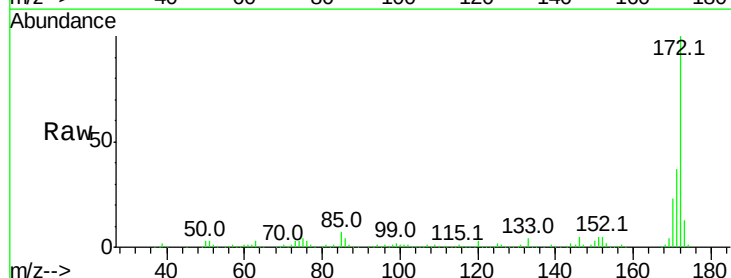


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

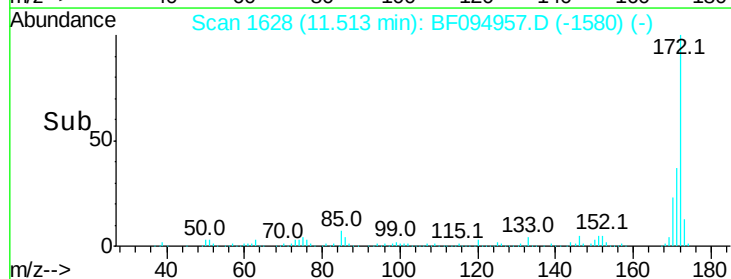
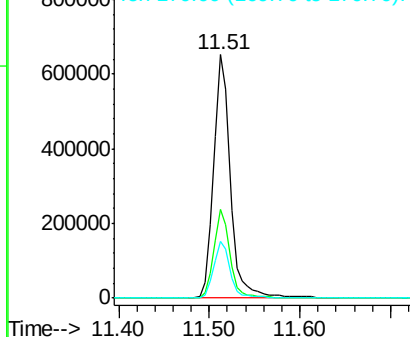


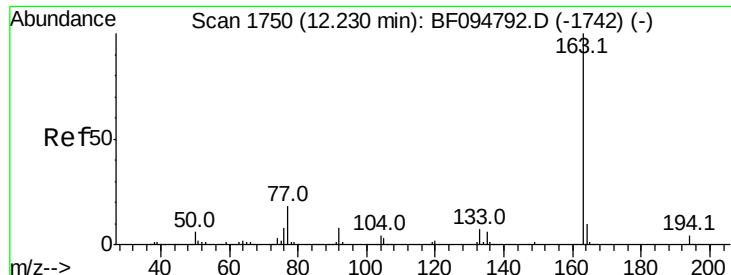
#44
 2-Fluorobiphenyl
 Concen: 69.36 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 11.66 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

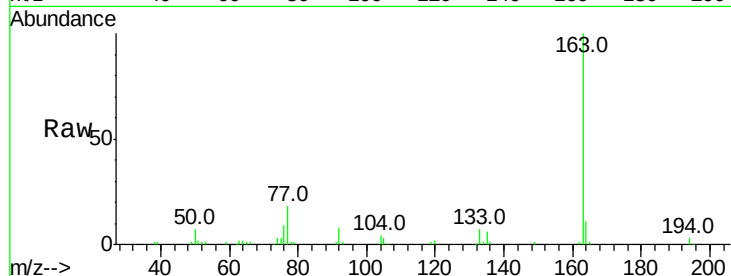
Tot Ion:163 Resp: 167724

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

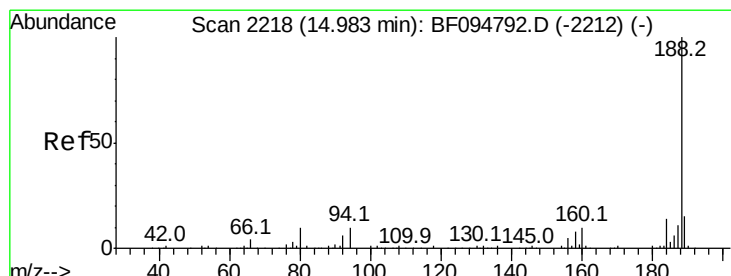
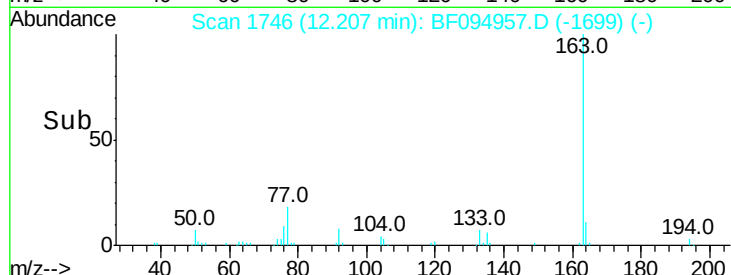
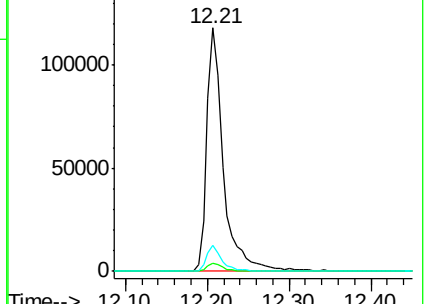
164 10.8 8.4 12.6



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: BF094957.D

Acq: 6 May 2017 12:57

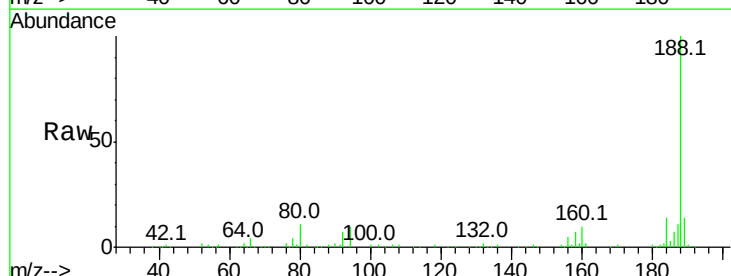
Tgt Ion:188 Resp: 313912

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

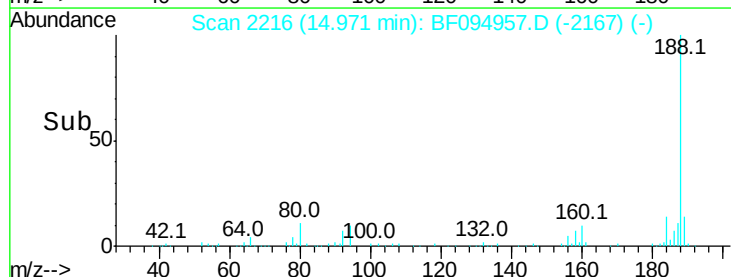
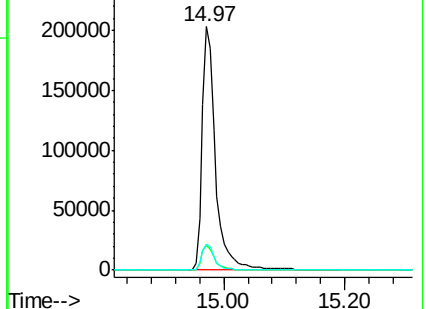
80 10.7 10.2 15.2

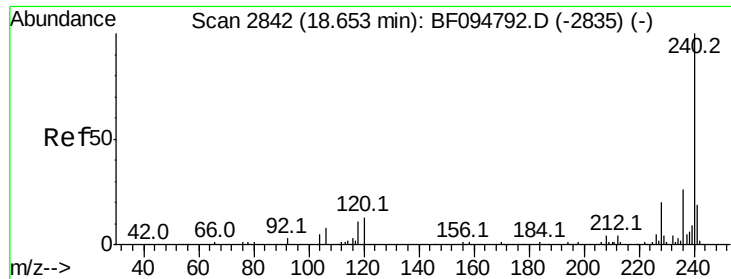


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

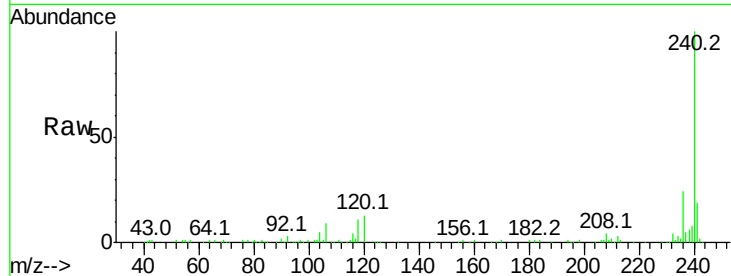
Tot Ion:240 Resp: 237042

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

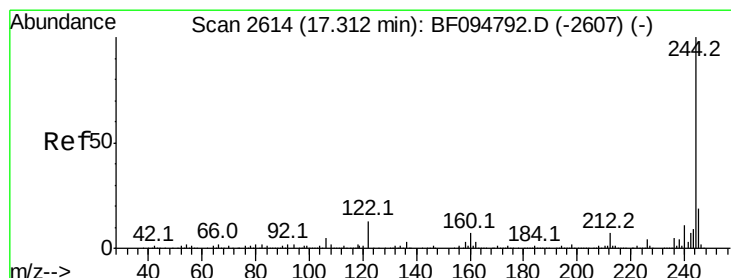
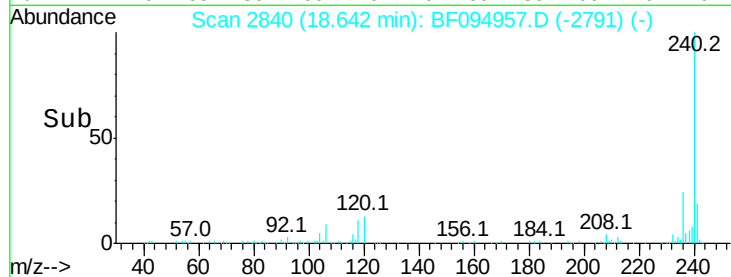
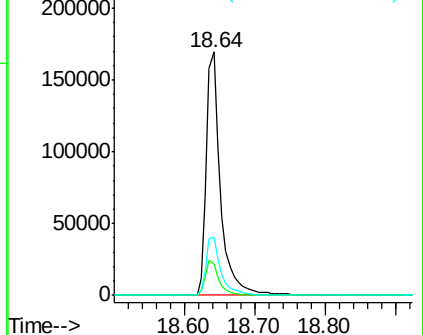
236 24.0 20.5 30.7



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: 62.33 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

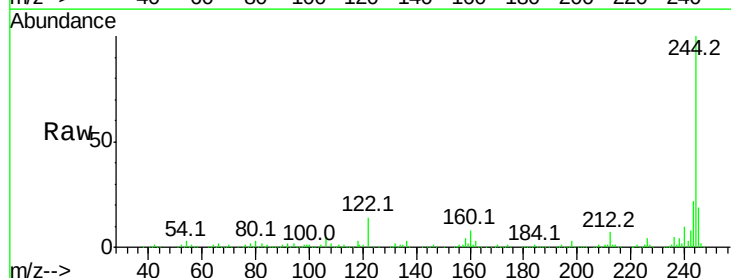
Tgt Ion:244 Resp: 670803

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

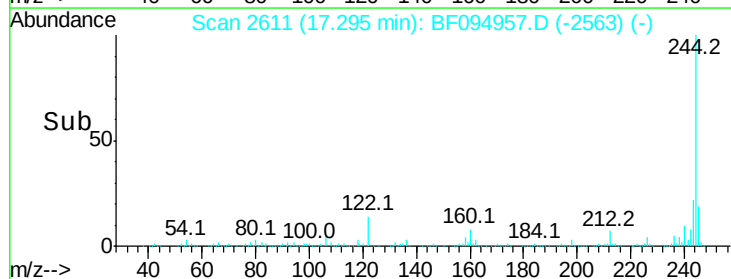
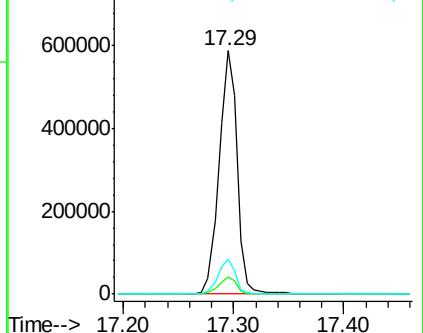
122 14.3 10.3 15.5

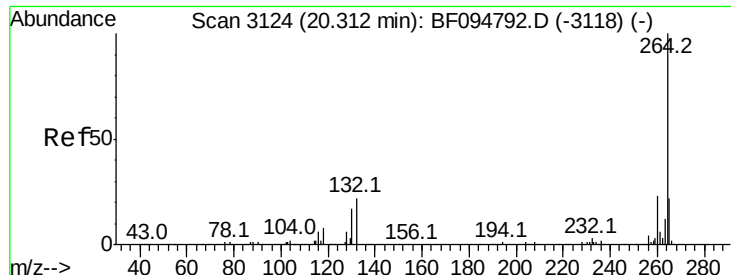


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

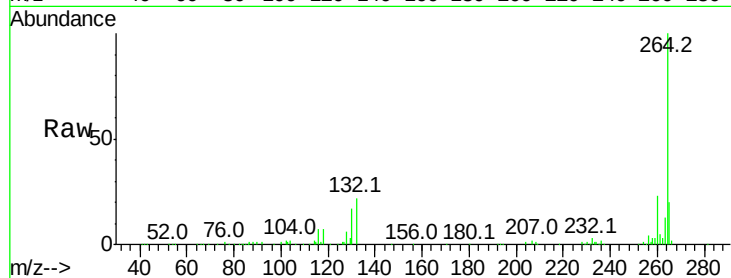




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	19.9	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

