

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095102.D
 Acq On : 12 May 2017 3:36
 Operator : SJ/MA
 Sample : I3062-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 05:03:17 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

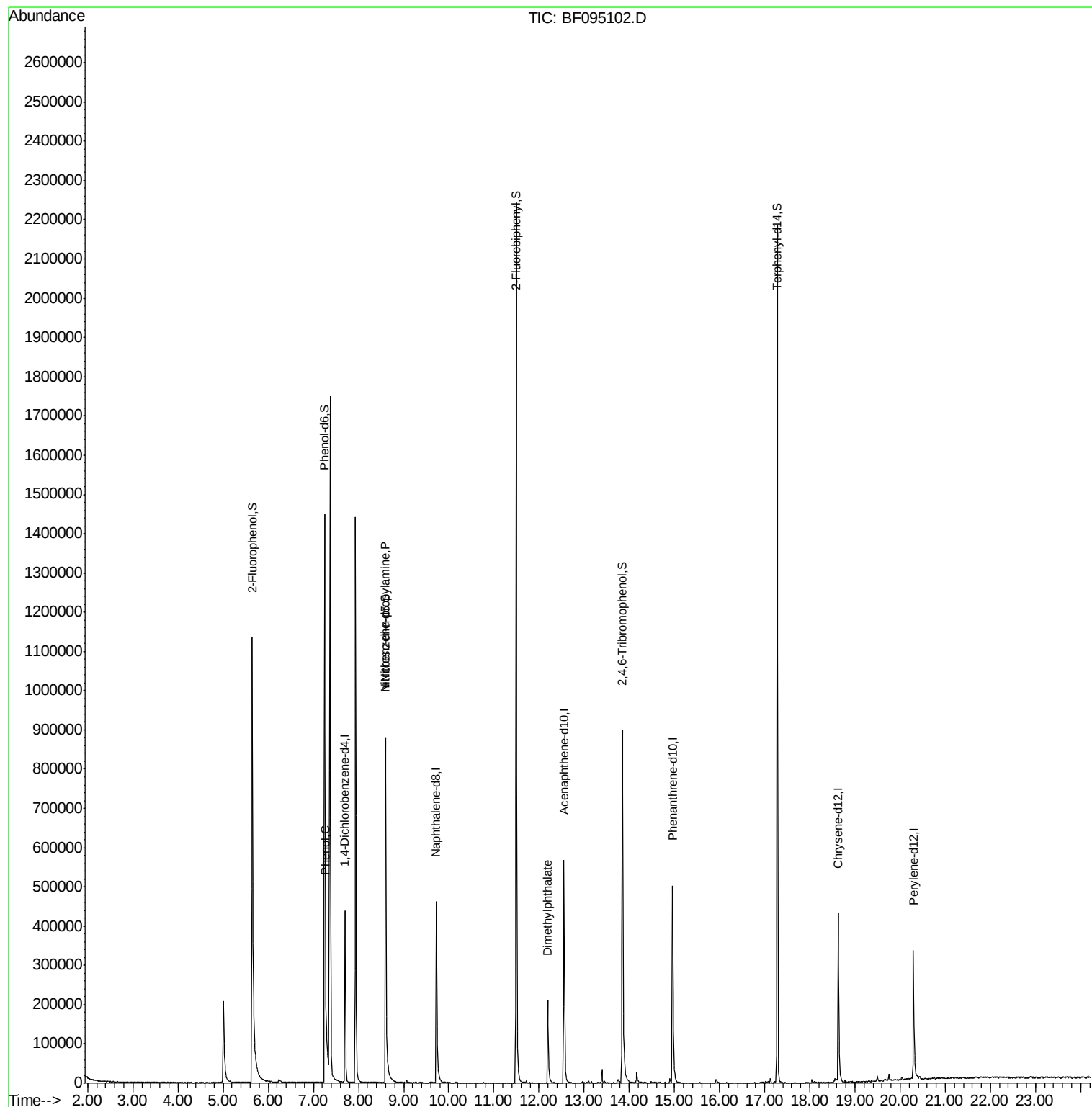
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	92828	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	399708	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	180250	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	346540	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	235154	20.00	ng	-0.02
86) Perylene-d12	20.29	264	189303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	702857	126.23	ng	-0.03
7) Phenol-d6	7.25	99	884390	132.38	ng	-0.03
23) Nitrobenzene-d5	8.60	82	476808	75.22	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	183315	124.18	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1053548	84.13	ng	-0.04
78) Terphenyl-d14	17.28	244	837153	78.41	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	20859	2.96	ng	# 62
19) n-Nitroso-di-n-propylamine	8.60	70	59257	13.12	ng	# 73
49) Dimethylphthalate	12.19	163	173461	11.72	ng	99

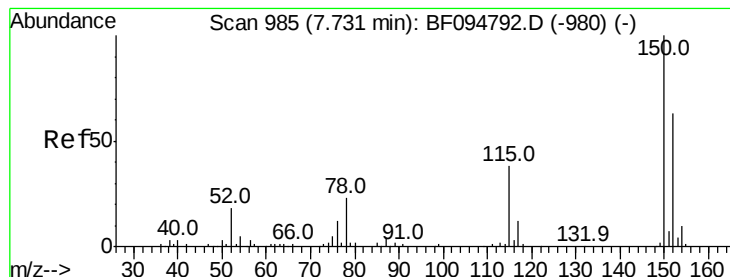
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

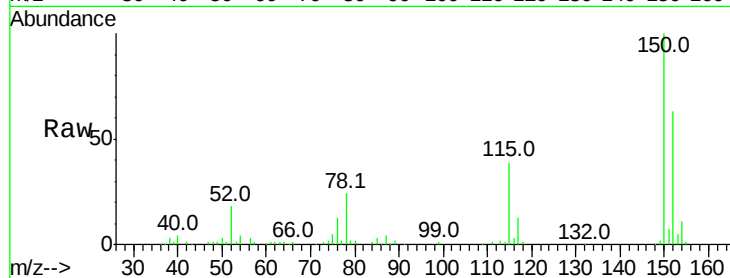
Tot Ion:152 Resp: 92828

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

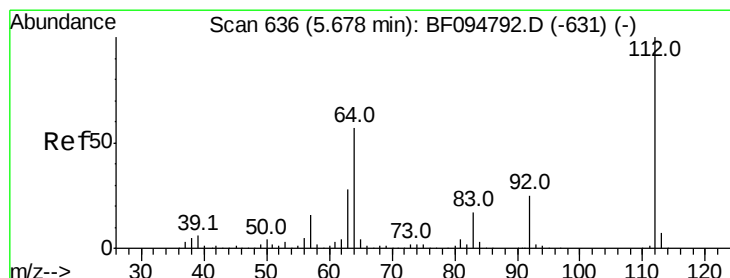
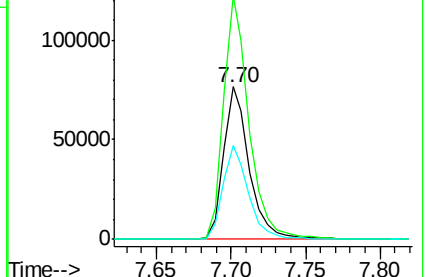
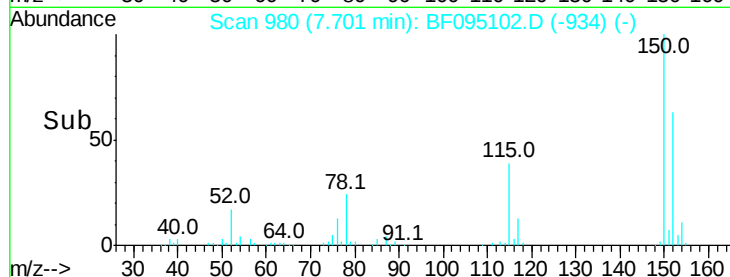
115 61.5 52.2 78.2



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: 126.23 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

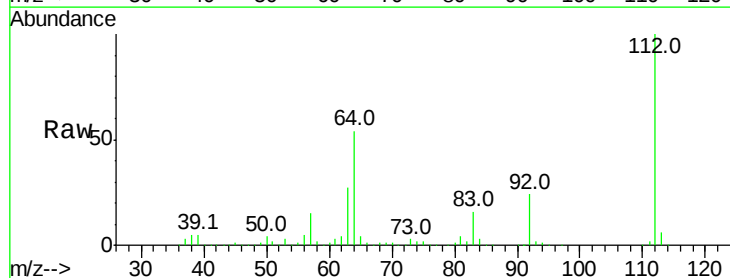
Tgt Ion:112 Resp: 702857

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

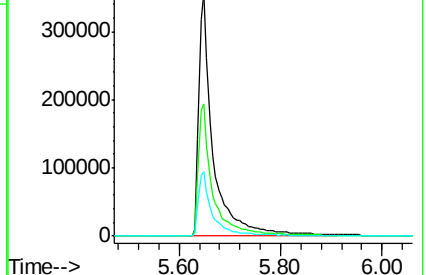
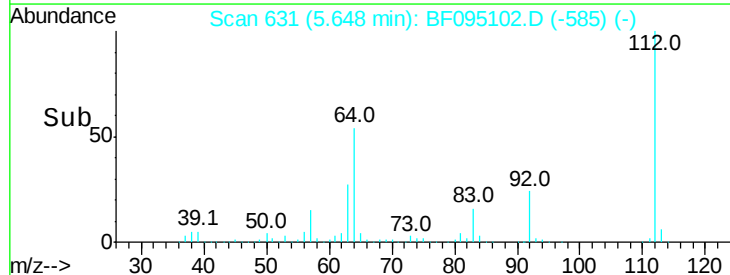
63 26.6 23.4 35.0

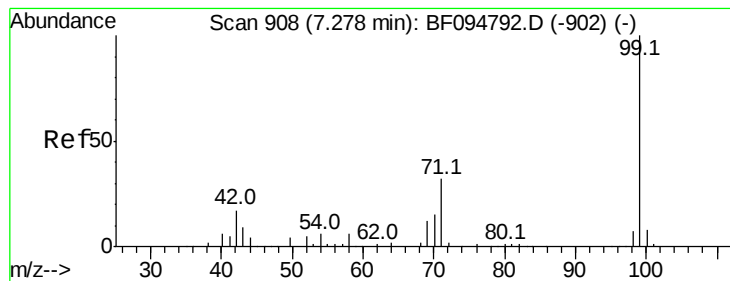


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.38 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

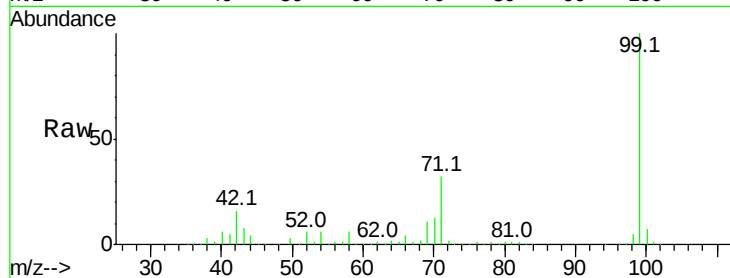
Tot Ion: 99 Resp: 884390

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

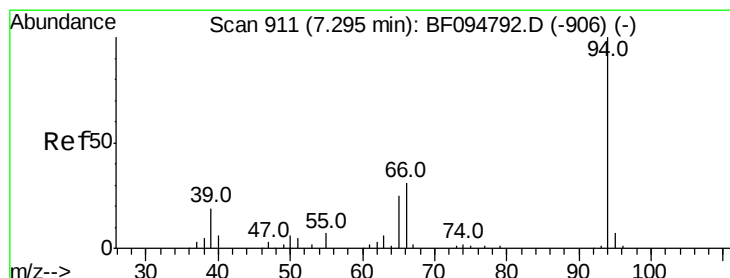
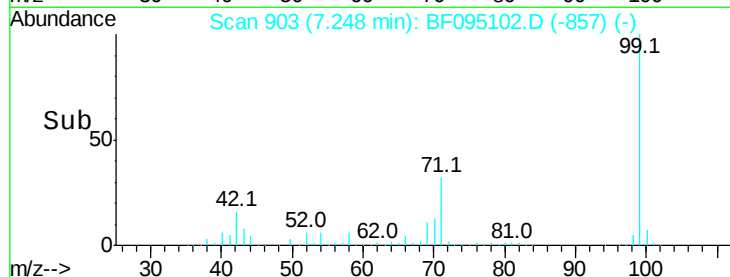
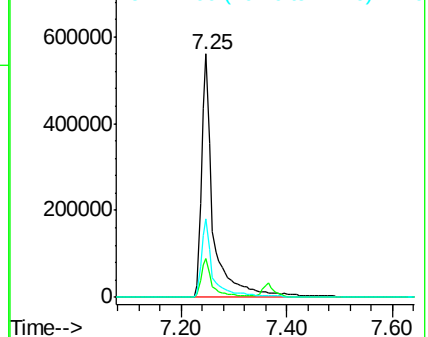
71 32.1 24.5 36.7



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



#10

Phenol

Concen: 2.96 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

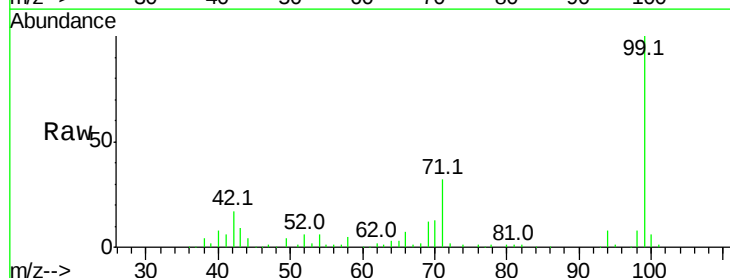
Tgt Ion: 94 Resp: 20859

Ion Ratio Lower Upper

94 100

65 33.7 9.9 49.9

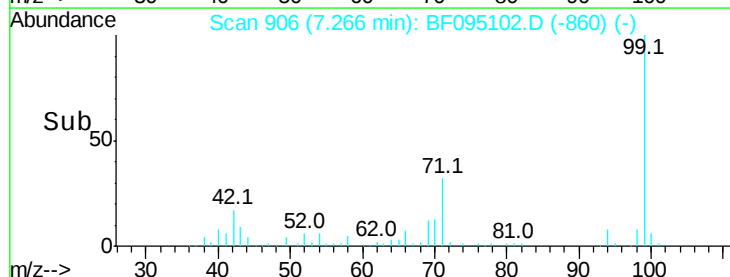
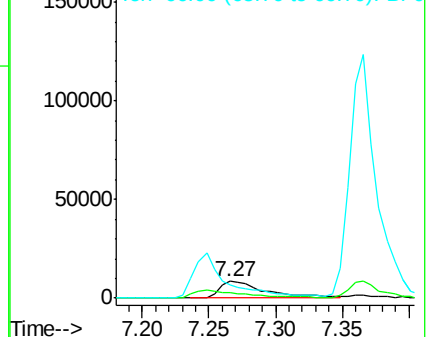
66 80.8 23.1 63.1#

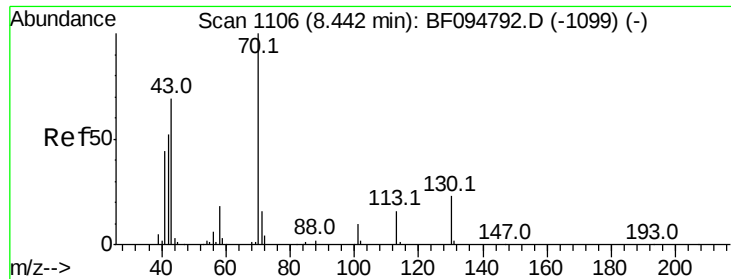


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

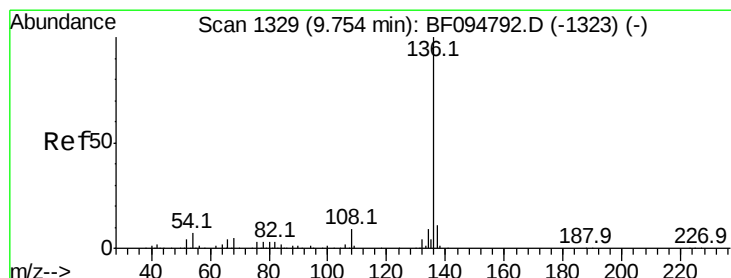
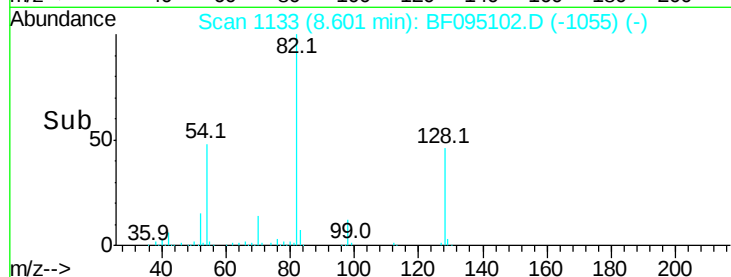
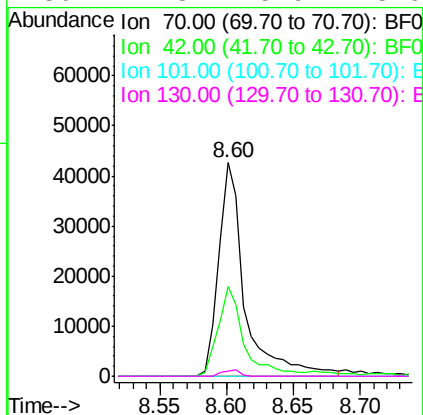
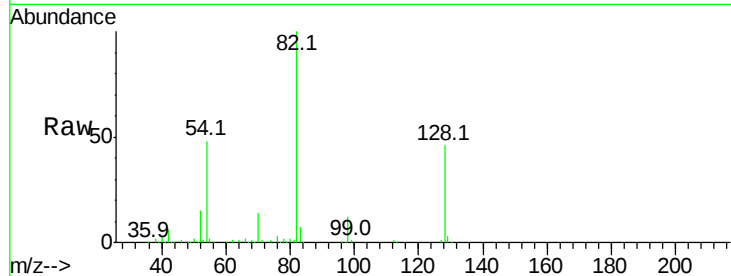




#19
n-Nitroso-di-n-propylamine
Concen: 13.12 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.16 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

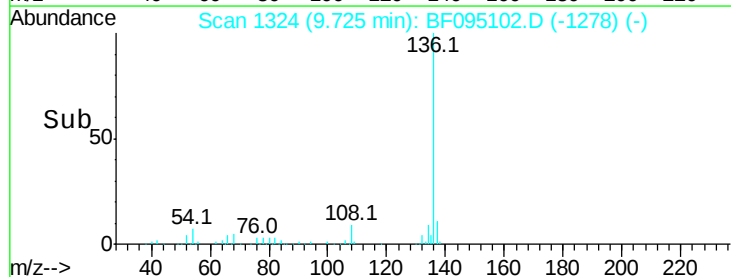
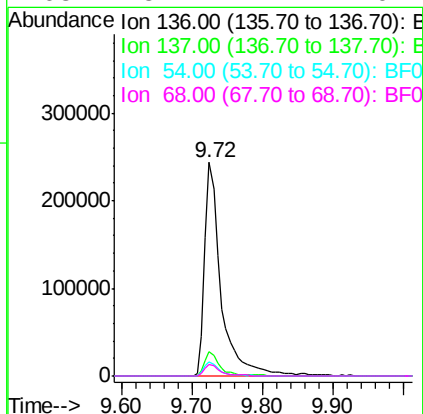
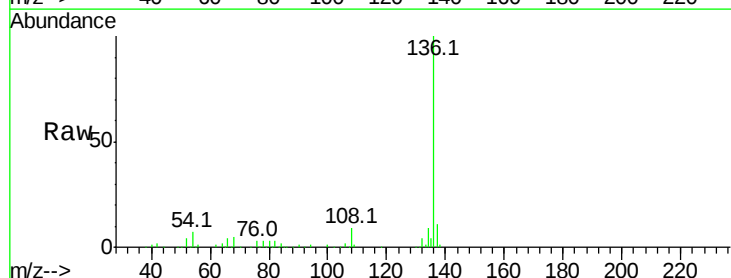
Instrument :
BNA_F
ClientSampleId :

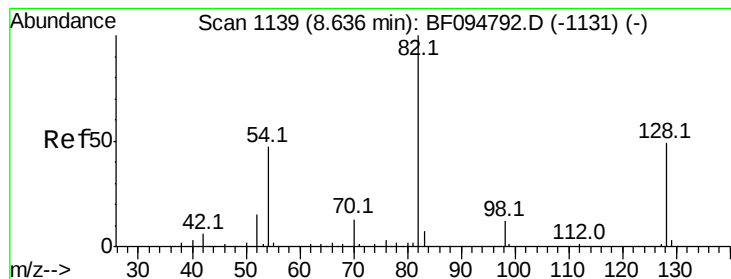
Tot Ion: 70 Resp: 59257
Ion Ratio Lower Upper
70 100
42 41.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095102.D
Acq: 12 May 2017 3:36

Tgt Ion: 136 Resp: 399708
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.5 4.9 7.3
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.22 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

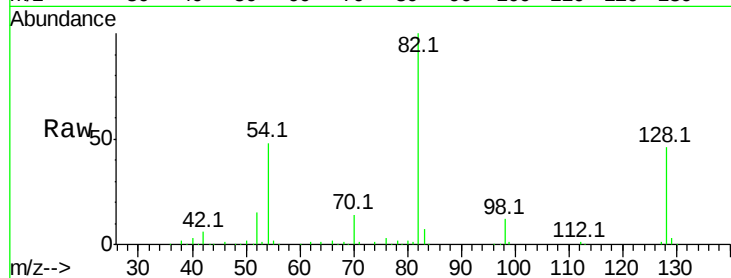
Tot Ion: 82 Resp: 476808

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

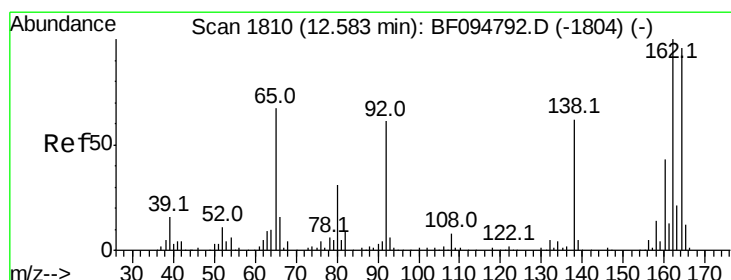
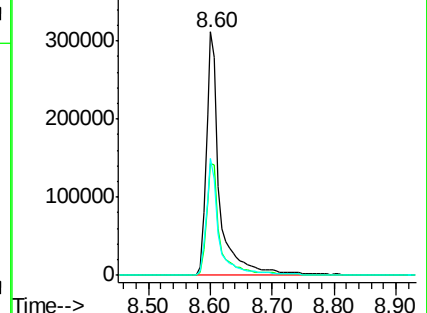
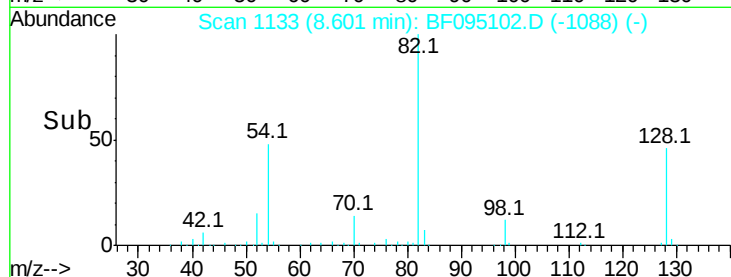
54 48.0 42.2 63.2



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: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

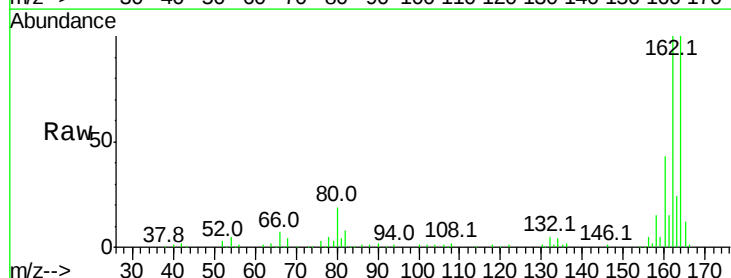
Tgt Ion: 164 Resp: 180250

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

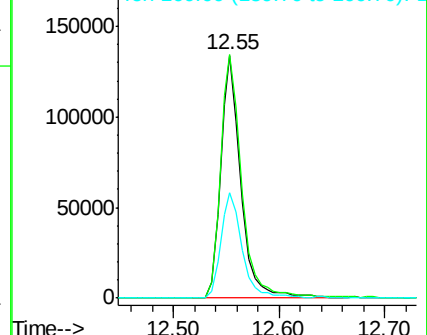
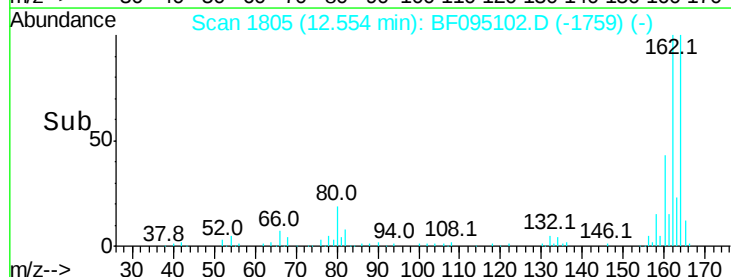
160 43.6 36.2 54.2

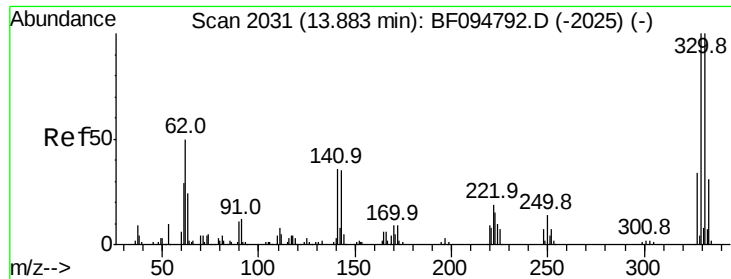


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

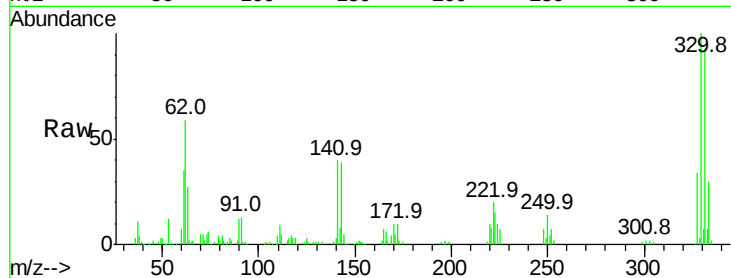




#41
 2,4,6-Tribromophenol
 Concen: 124.18 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095102.D
 Acq: 12 May 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.6	115.0
141	39.7	31.4	47.2

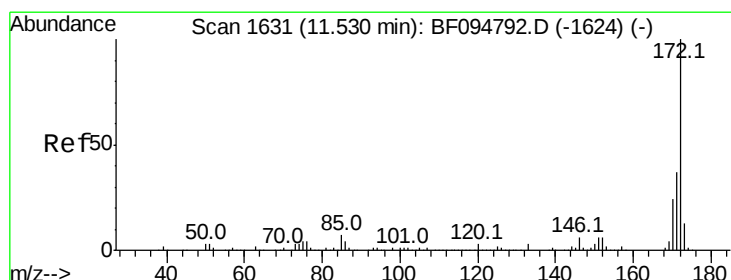
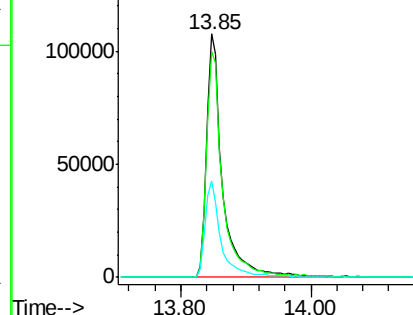
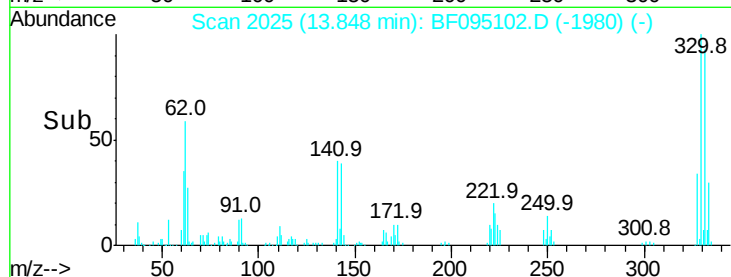


Abundance

Ion 329.80 (329.50 to 330.50): E

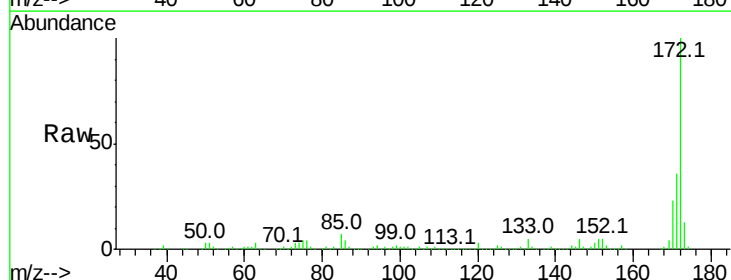
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.13 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095102.D
 Acq: 12 May 2017 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	19.8	29.8

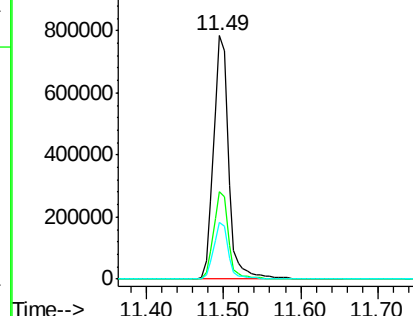
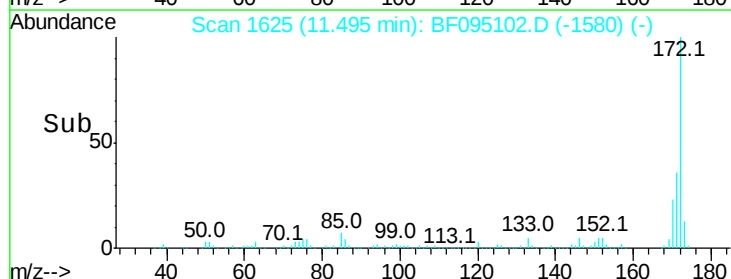


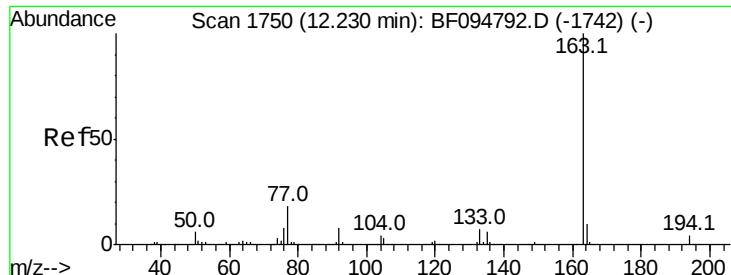
Abundance

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: 11.72 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampled :

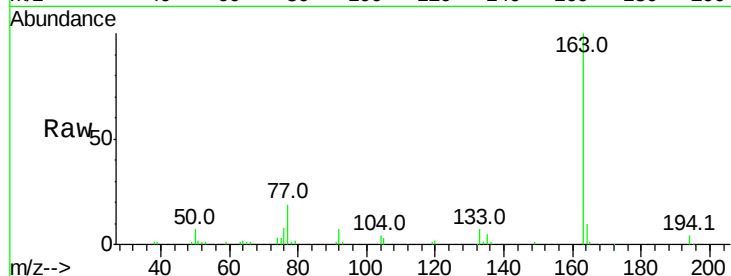
Tot Ion:163 Resp: 173461

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

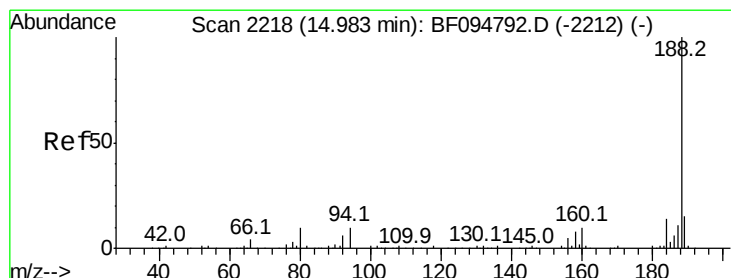
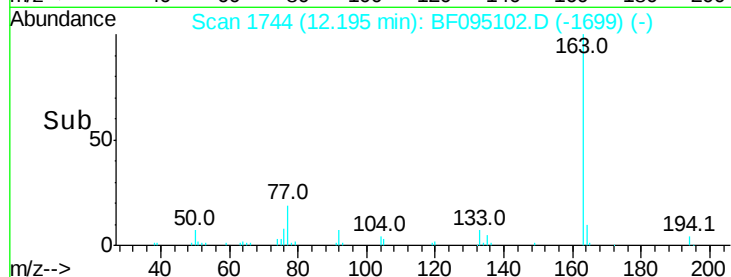
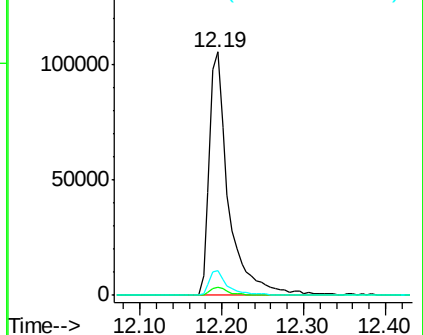
164 10.2 8.4 12.6



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: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

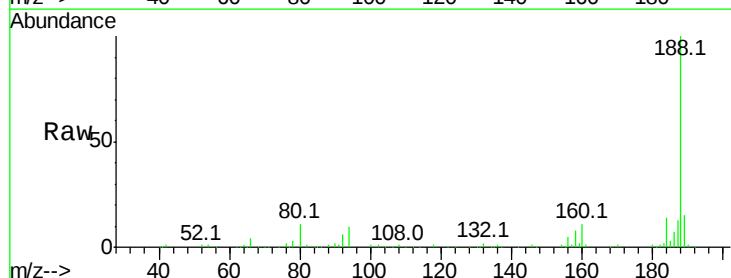
Tgt Ion:188 Resp: 346540

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

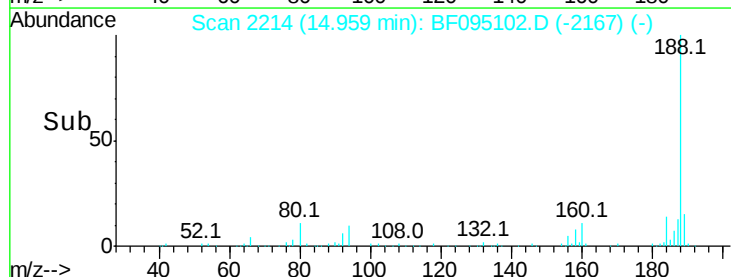
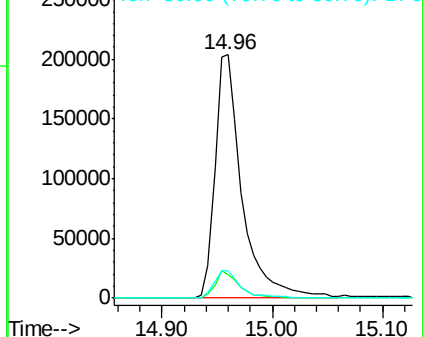
80 11.4 10.2 15.2

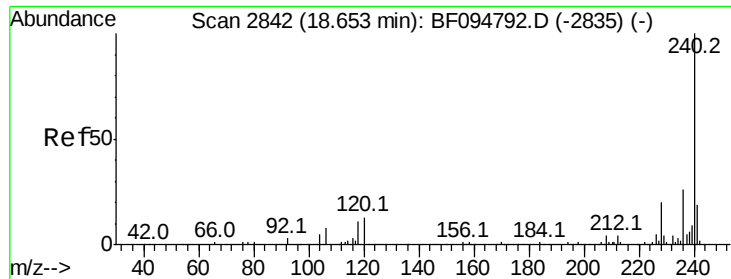


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF095102.D

Acq: 12 May 2017 3:36

Instrument :

BNA_F

ClientSampleId :

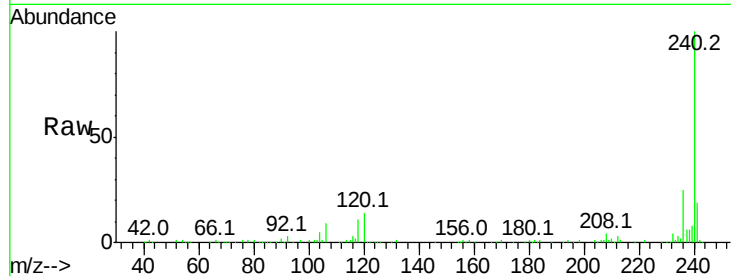
Tot Ion:240 Resp: 235154

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

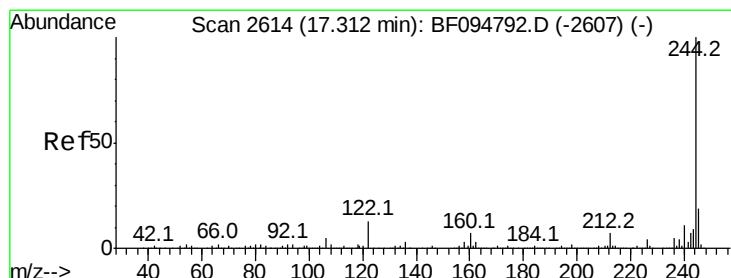
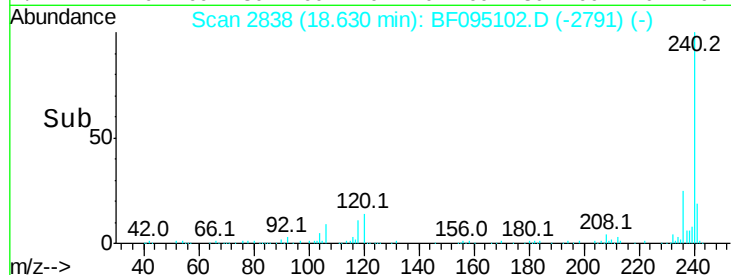
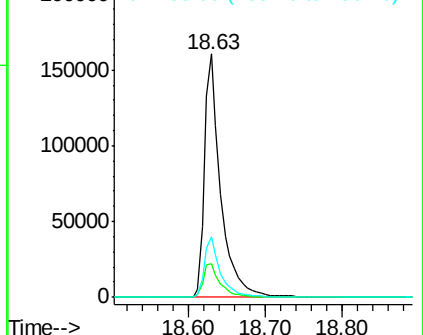
236 24.8 20.5 30.7



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: 78.41 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095102.D

Acq: 12 May 2017 3:36

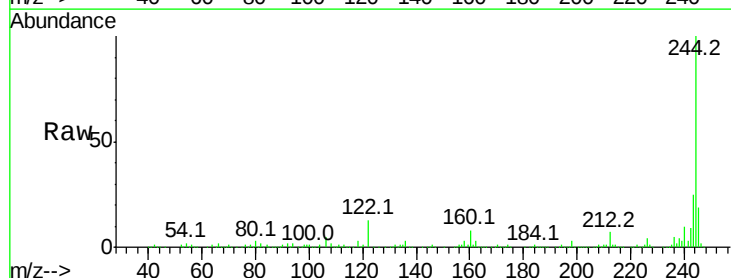
Tgt Ion:244 Resp: 837153

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

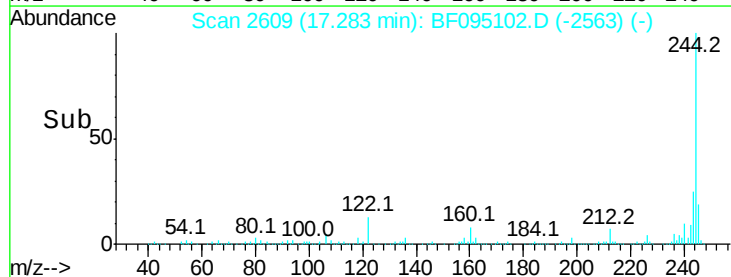
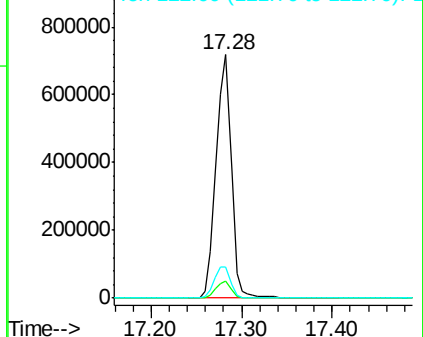
122 12.9 10.3 15.5

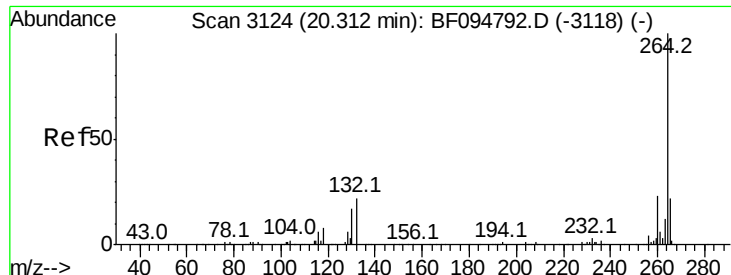


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

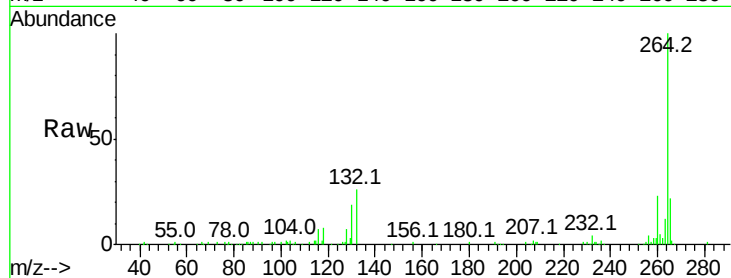




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095102.D
 Acq: 12 May 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	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

