

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094911.D
 Acq On : 5 May 2017 11:45
 Operator : SJ/MA
 Sample : I2956-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 13:26:39 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

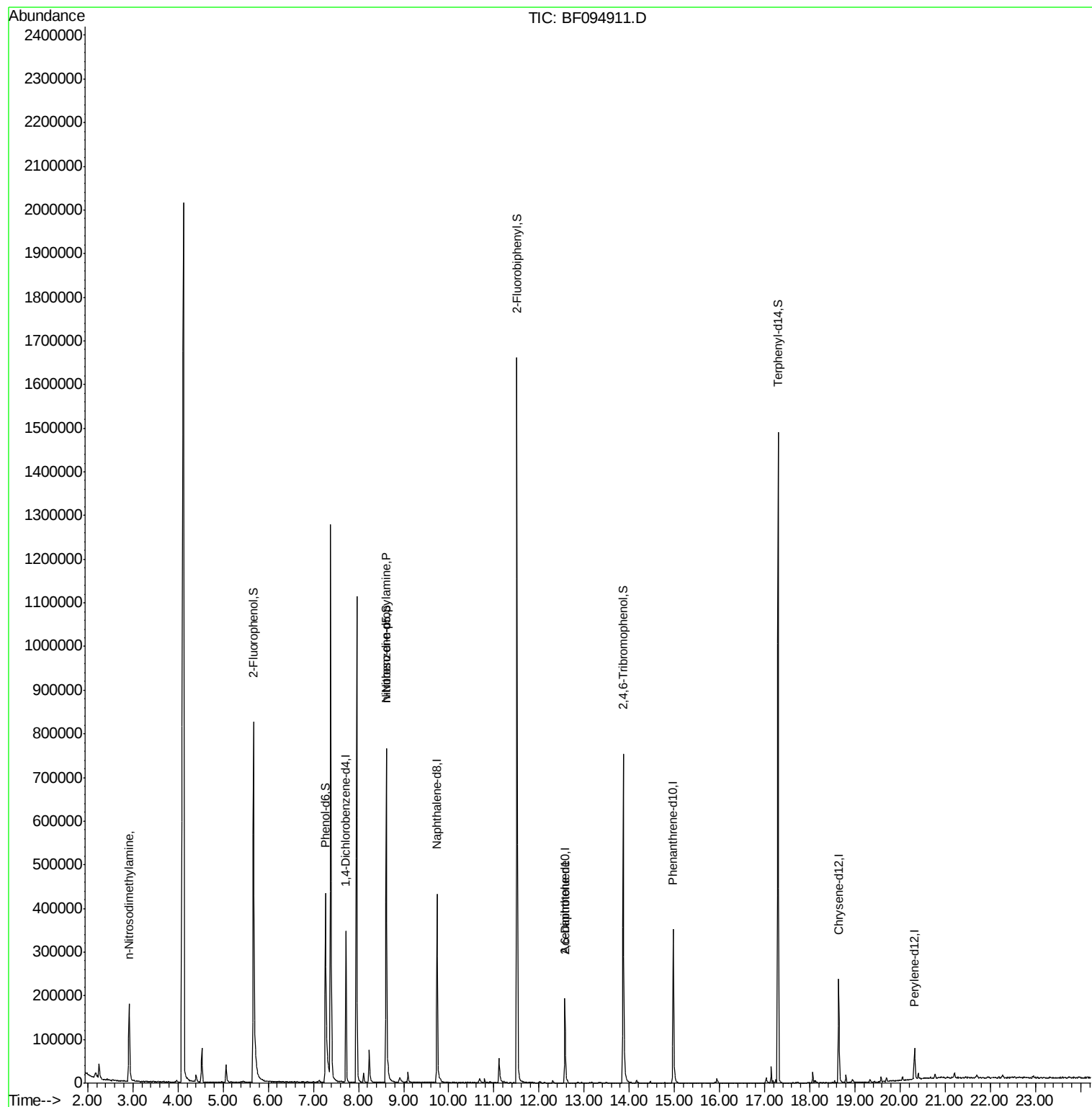
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	76043	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	294301	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	48620	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	180038	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	97954	20.00	ng	-0.02
86) Perylene-d12	20.31	264	6435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	442584	97.03	ng	0.00
7) Phenol-d6	7.26	99	247396	45.21	ng	-0.02
23) Nitrobenzene-d5	8.62	82	361339	77.42	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	141078	354.31	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	755852	223.76	ng	-0.02
78) Terphenyl-d14	17.29	244	487404	109.60	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.91	42	5469	2.53	ng	# 1
19) n-Nitroso-di-n-propylamine	8.62	70	46662	12.61	ng	# 77
50) 2,6-Dinitrotoluene	12.57	165	4516	5.55	ng	# 31

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

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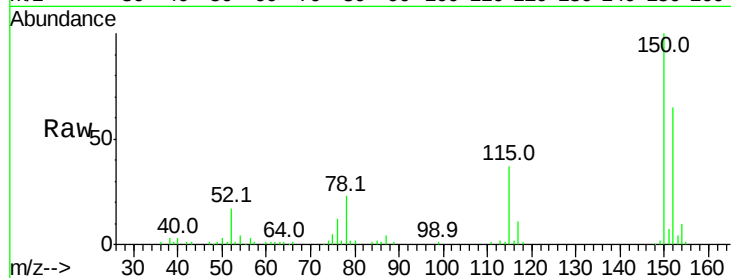


#1

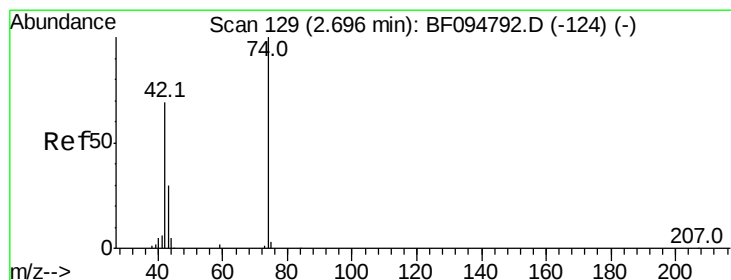
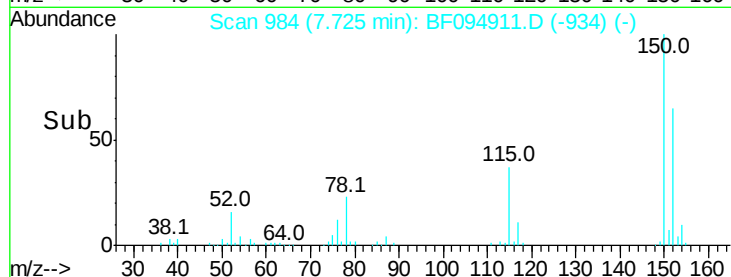
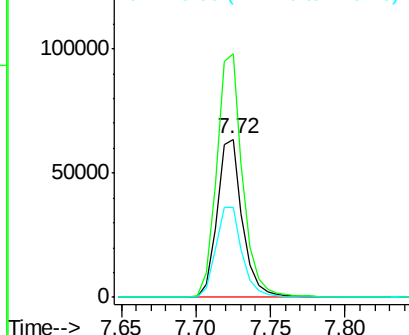
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76043
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 57.3 52.2 78.2



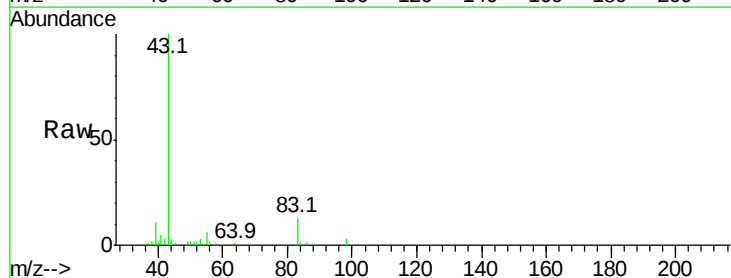
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



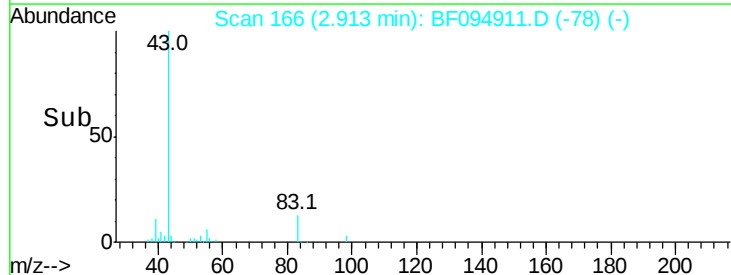
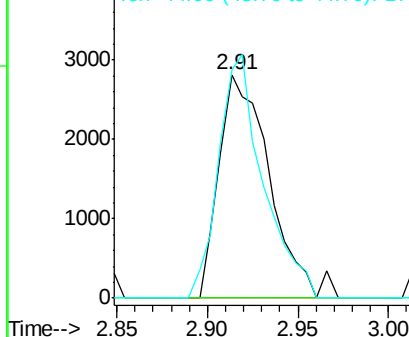
#4

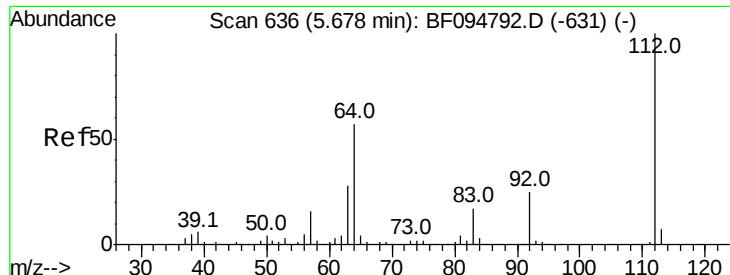
n-Nitrosodimethylamine
Concen: 2.53 ng
RT: 2.91 min Scan# 166
Delta R.T. 0.22 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

Tgt Ion: 42 Resp: 5469
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 101.8 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.03 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094911.D

Acq: 5 May 2017 11:45

Instrument :

BNA_F

ClientSampleId :

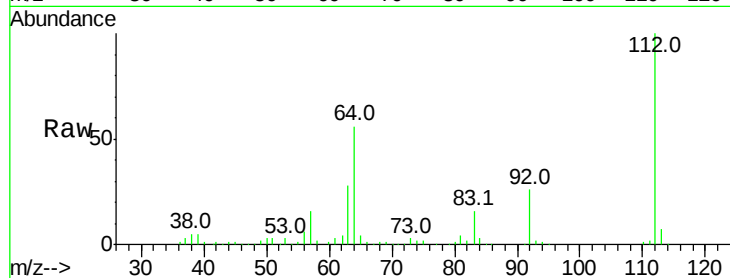
Tot Ion:112 Resp: 442584

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

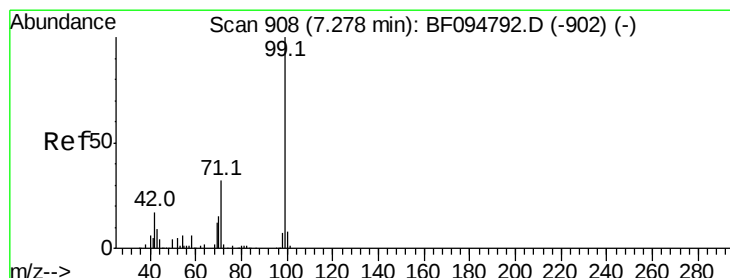
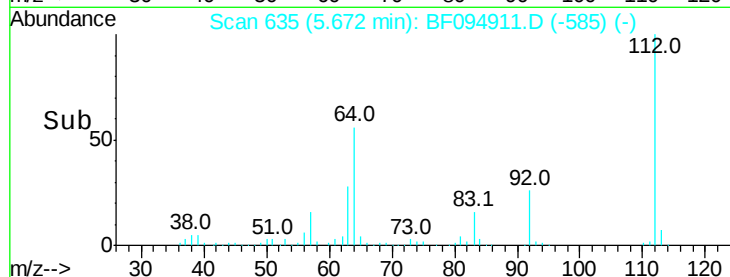
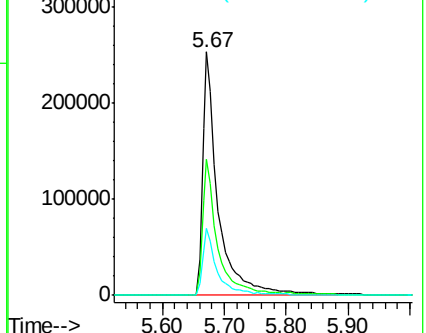
63 27.7 23.4 35.0



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: 45.21 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094911.D

Acq: 5 May 2017 11:45

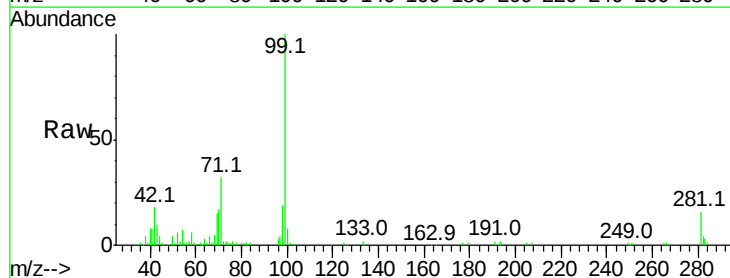
Tgt Ion: 99 Resp: 247396

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

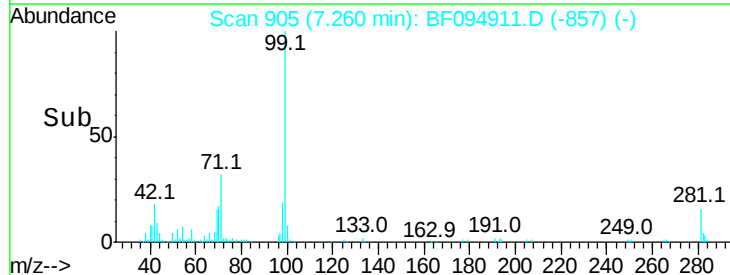
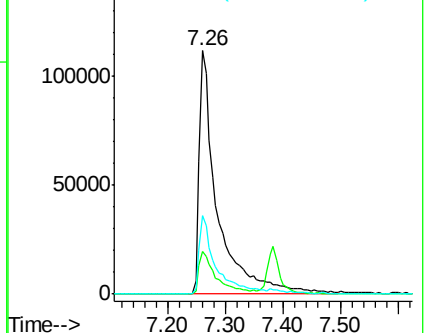
71 32.3 24.5 36.7

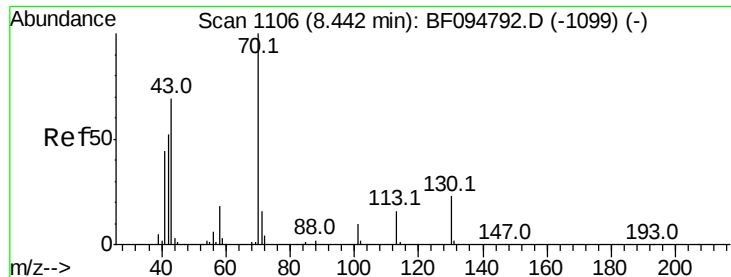


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

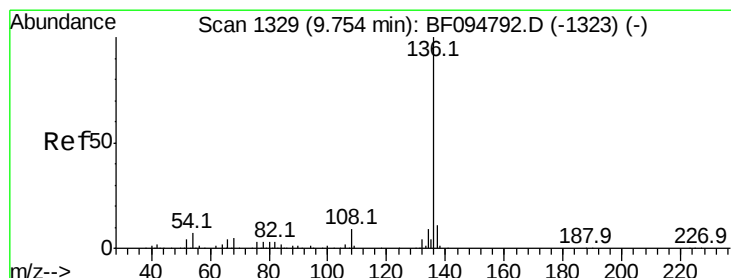
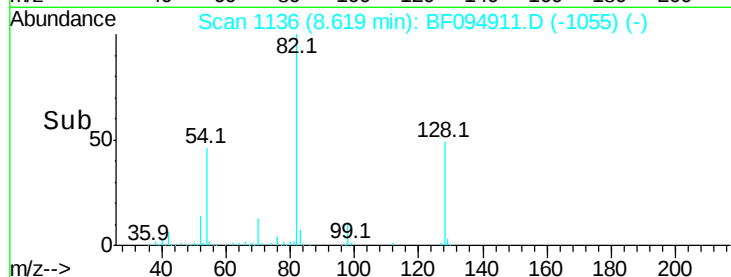
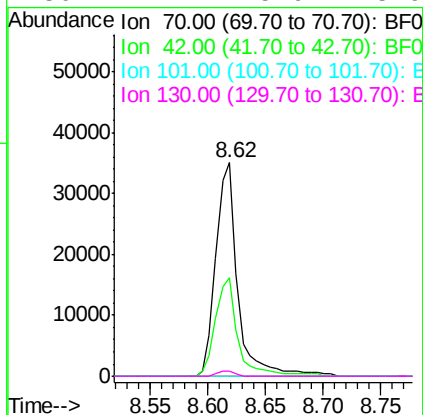
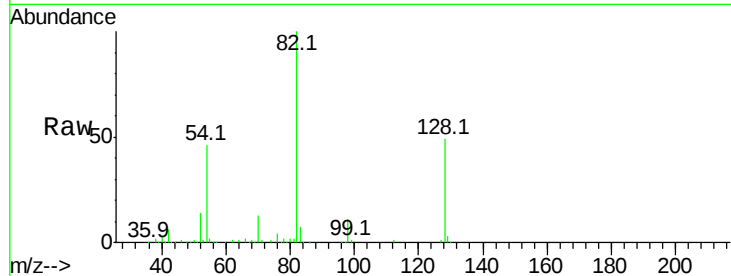




#19
n-Nitroso-di-n-propylamine
Concen: 12.61 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

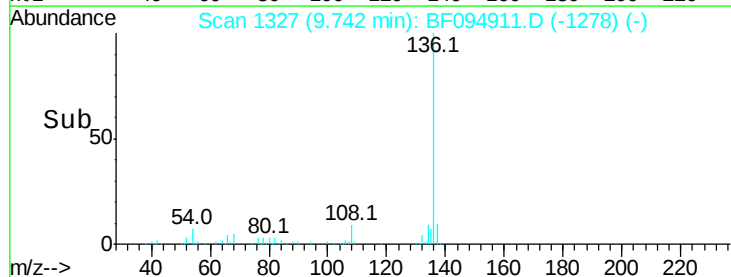
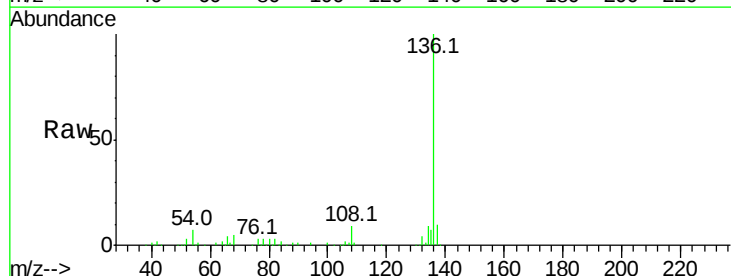
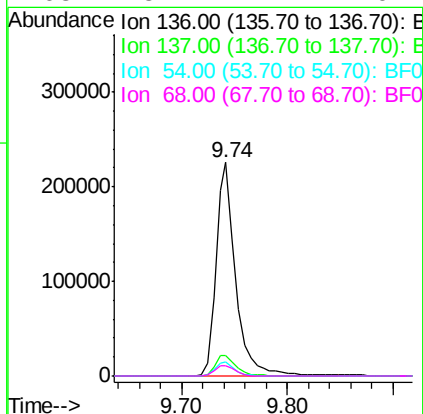
Instrument :
BNA_F
ClientSampleId :

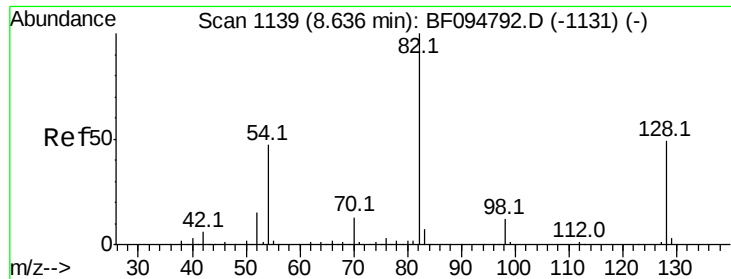
Tot Ion: 70 Resp: 46662
Ion Ratio Lower Upper
70 100
42 46.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

Tgt Ion: 136 Resp: 294301
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 6.8 4.9 7.3
68 5.1 4.1 6.1

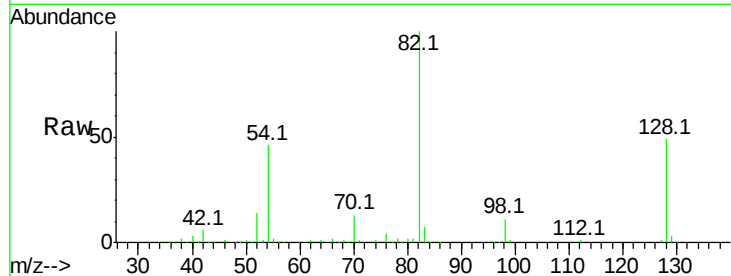




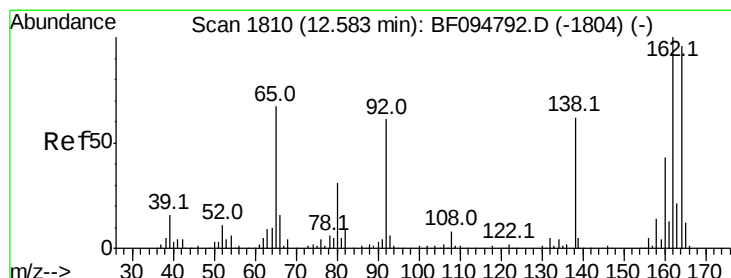
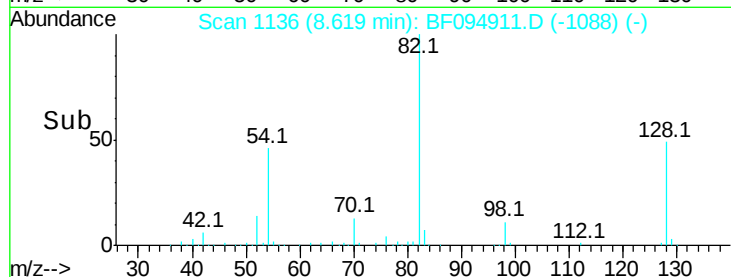
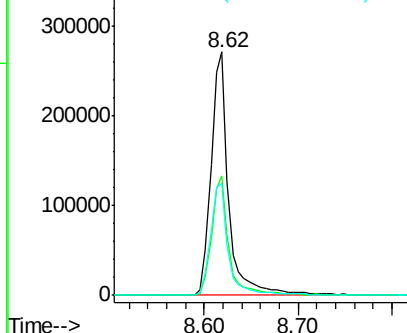
#23
Nitrobenzene-d5
Concen: 77.42 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 361339
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 45.9 42.2 63.2

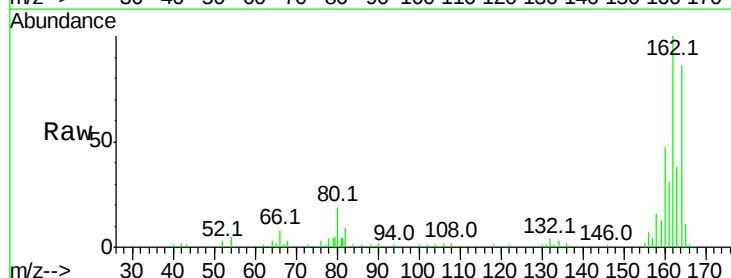


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

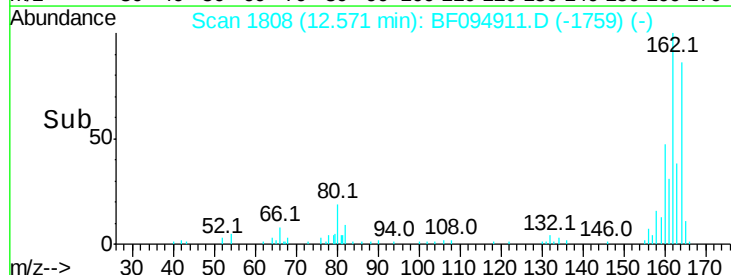
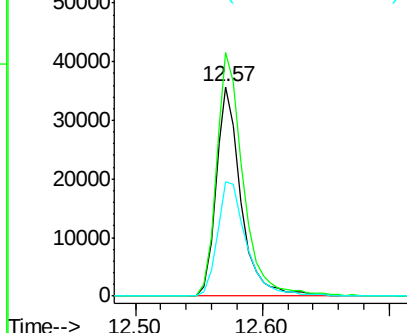


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094911.D
Acq: 5 May 2017 11:45

Tgt Ion:164 Resp: 48620
Ion Ratio Lower Upper
164 100
162 116.3 82.6 123.8
160 54.6 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

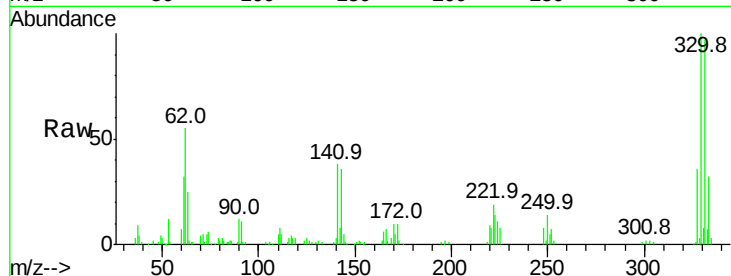




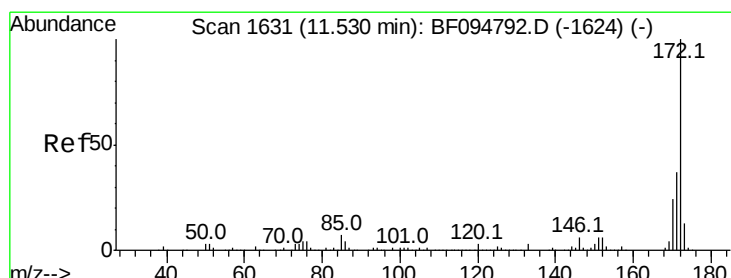
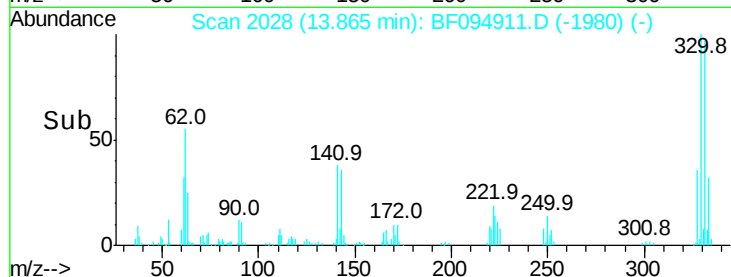
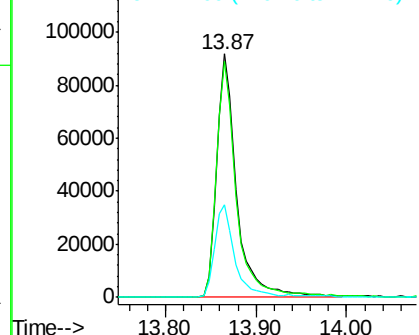
#41
 2,4,6-Tribromophenol
 Concen: 354.31 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094911.D
 Acq: 5 May 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 141078
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.4 31.4 47.2

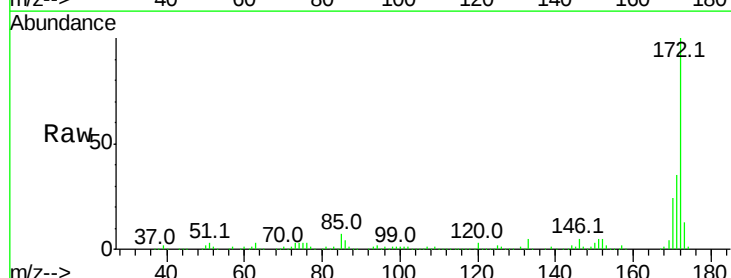


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

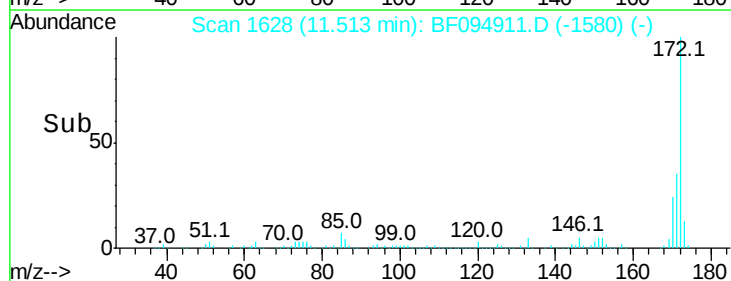
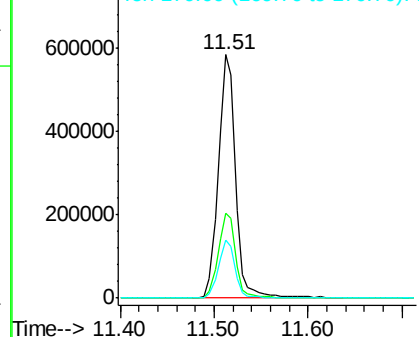


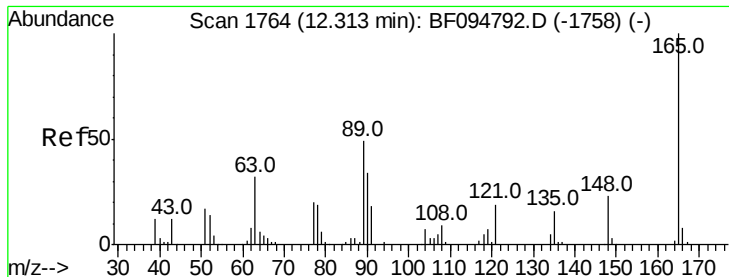
#44
 2-Fluorobiphenyl
 Concen: 223.76 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094911.D
 Acq: 5 May 2017 11:45

Tgt Ion:172 Resp: 755852
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 24.0 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

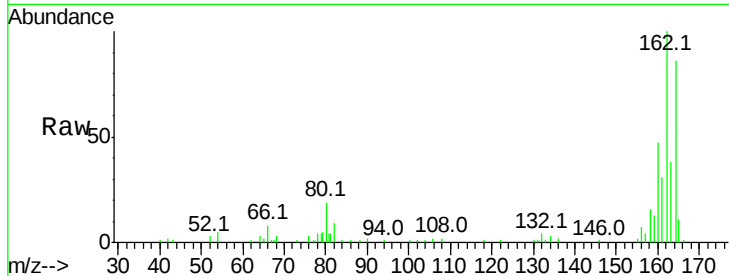




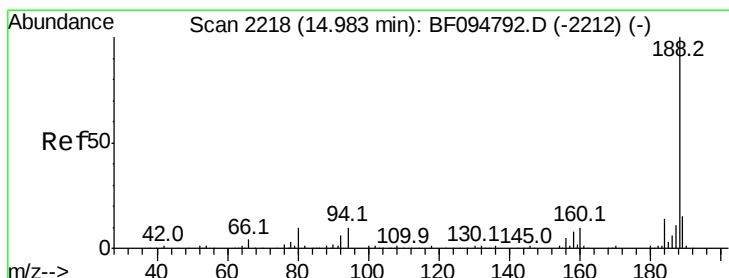
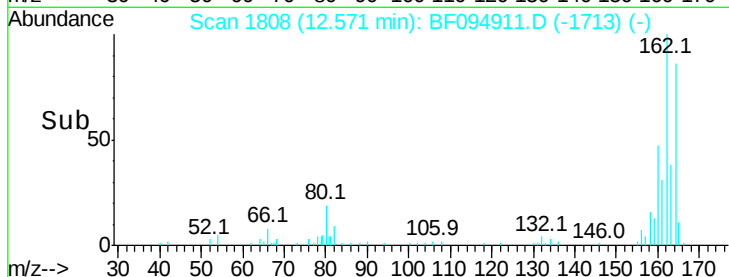
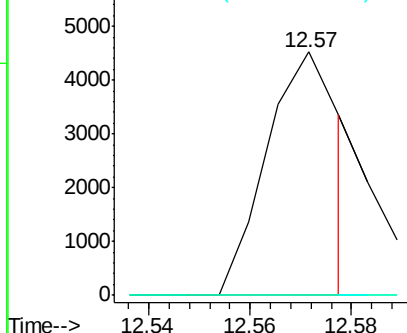
#50
 2,6-Dinitrotoluene
 Concen: 5.55 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094911.D
 Acq: 5 May 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 4516
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

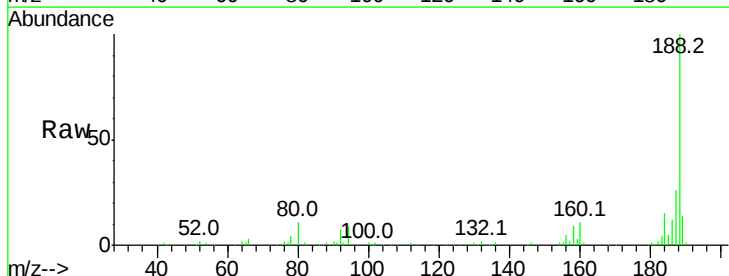


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

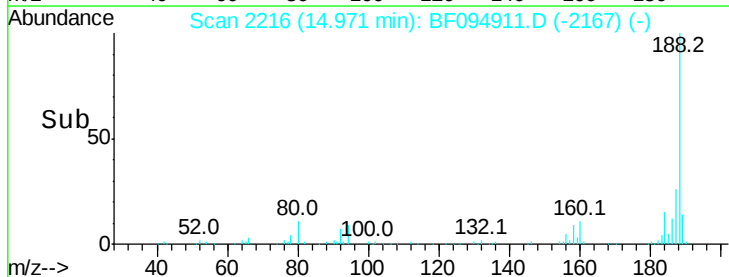
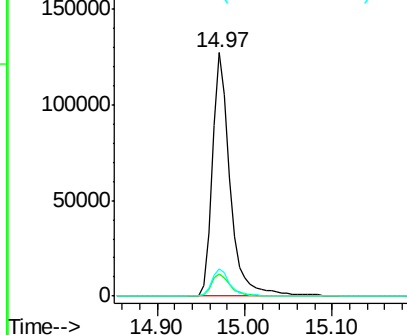


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094911.D
 Acq: 5 May 2017 11:45

Tgt Ion:188 Resp: 180038
 Ion Ratio Lower Upper
 188 100
 94 9.1 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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094911.D

Acq: 5 May 2017 11:45

Instrument :

BNA_F

ClientSampleId :

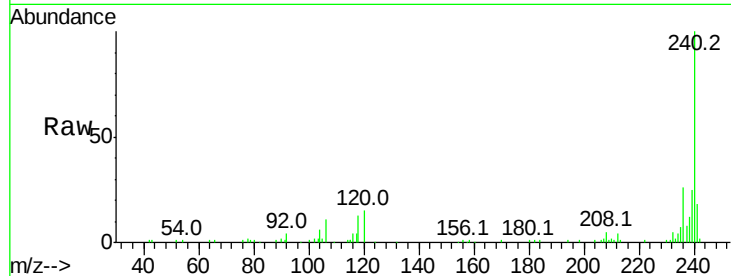
Tot Ion:240 Resp: 97954

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

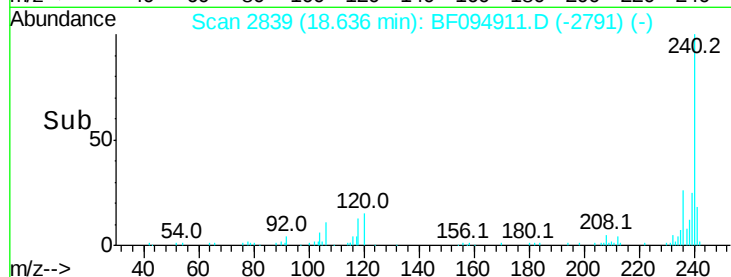
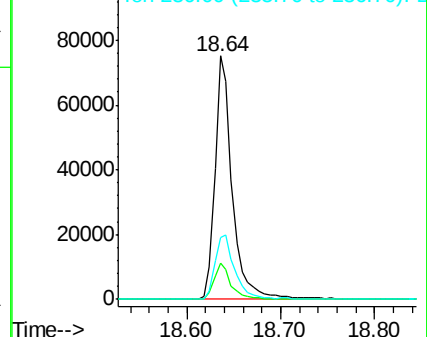
236 25.6 20.5 30.7



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: 109.60 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094911.D

Acq: 5 May 2017 11:45

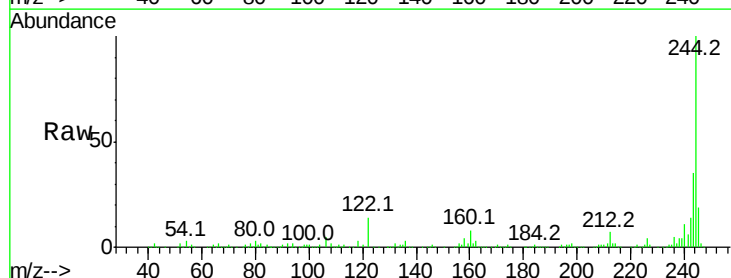
Tgt Ion:244 Resp: 487404

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

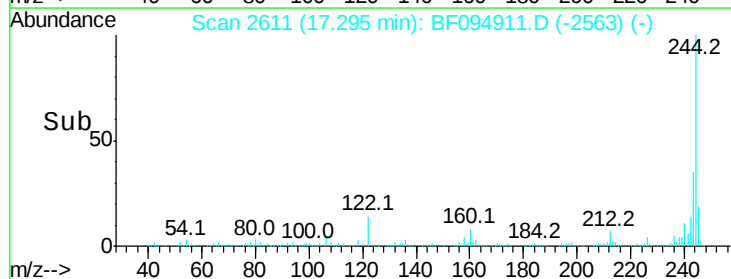
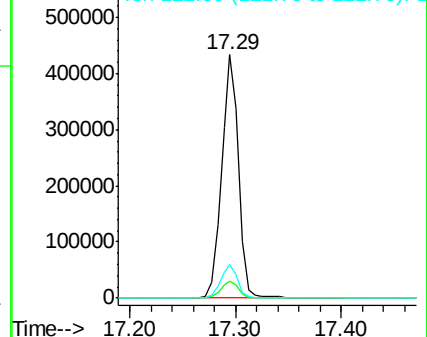
122 14.1 10.3 15.5

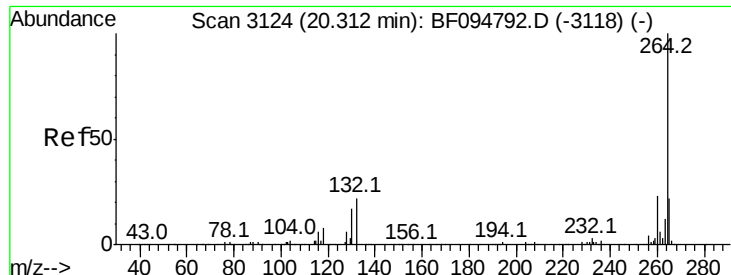


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

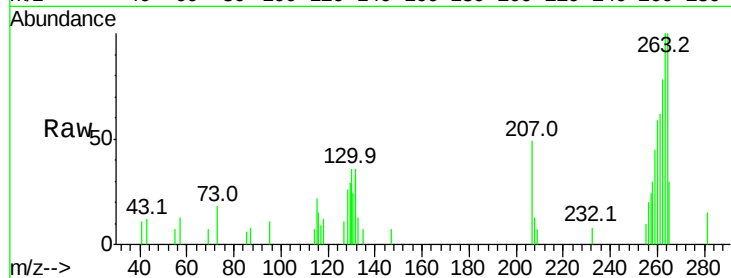




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094911.D
 Acq: 5 May 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 6435
 Ion Ratio Lower Upper
 264 100
 260 58.6 19.5 29.3#
 265 29.7 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

