

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095292.D
 Acq On : 20 May 2017 8:19
 Operator : SJ/MA
 Sample : I3227-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:55:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

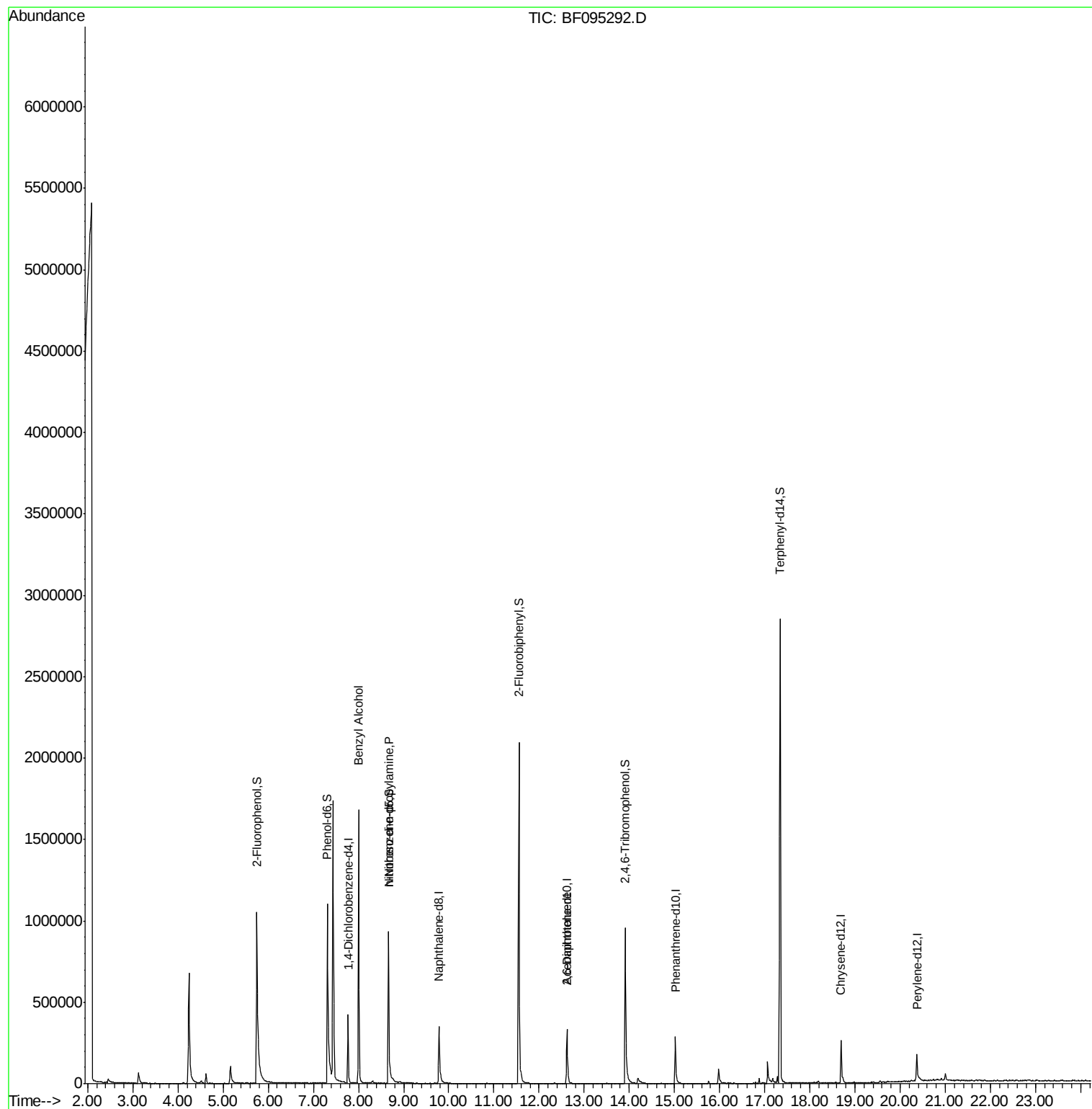
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	90225	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	343818	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	129950	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	201595	20.00	ng	0.00
75) Chrysene-d12	18.69	240	160416	20.00	ng	0.00
86) Perylene-d12	20.37	264	93816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	771903	142.64	ng	0.01
7) Phenol-d6	7.31	99	853596	131.46	ng	0.00
23) Nitrobenzene-d5	8.67	82	531101	97.41	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	205528	193.12	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1114175	123.41	ng	0.00
78) Terphenyl-d14	17.34	244	1345385	184.73	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.00	79	9149	2.19	ng	# 42
19) n-Nitroso-di-n-propylamine	8.67	70	65557	14.93	ng	# 75
50) 2,6-Dinitrotoluene	12.61	165	12810	5.89	ng	# 31

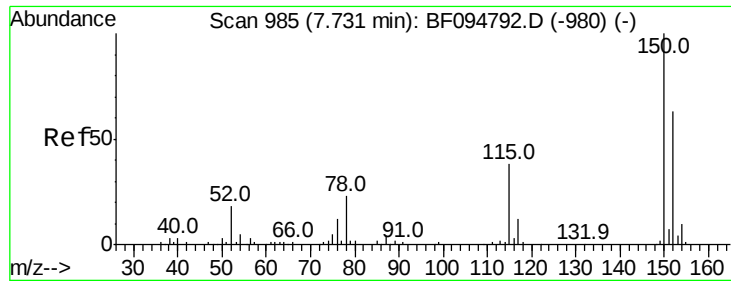
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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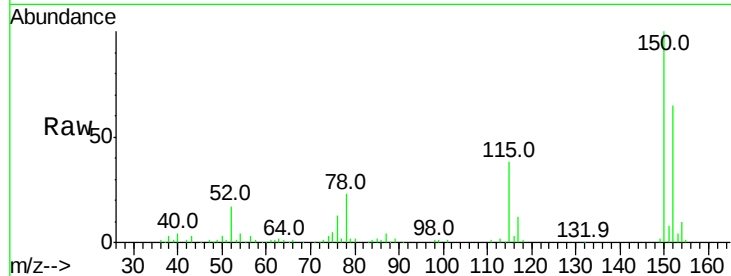


#1

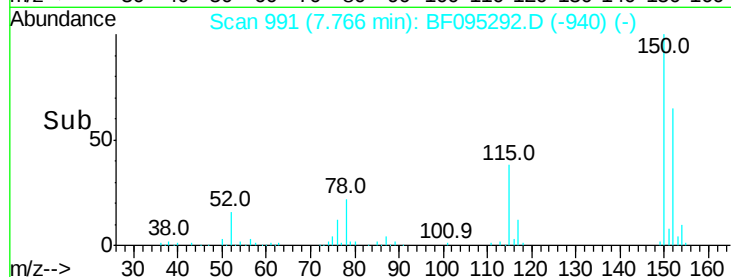
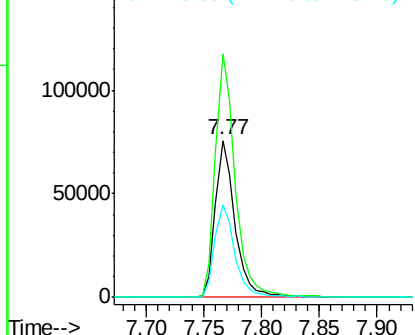
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095292.D
Acq: 20 May 2017 8:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90225
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.3 52.2 78.2



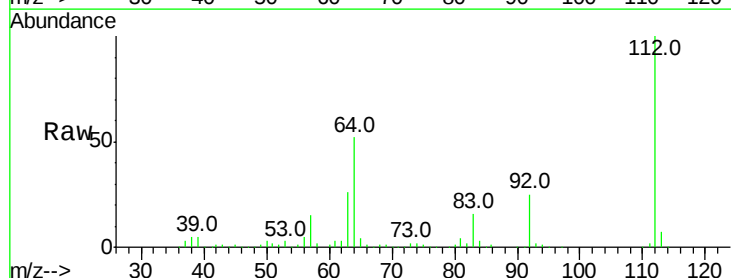
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



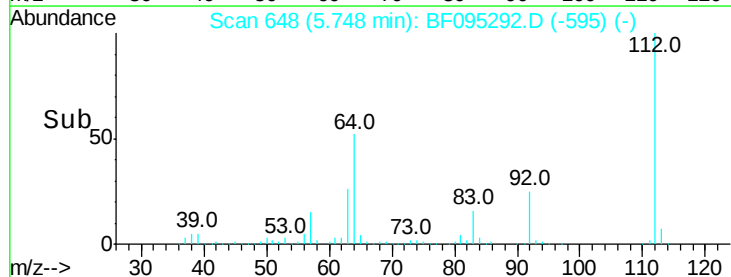
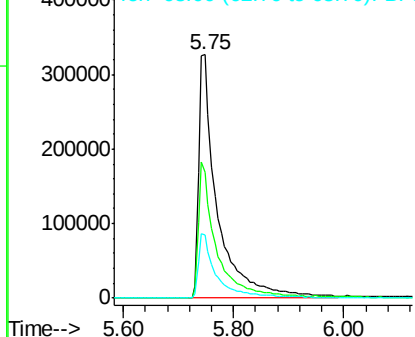
#5

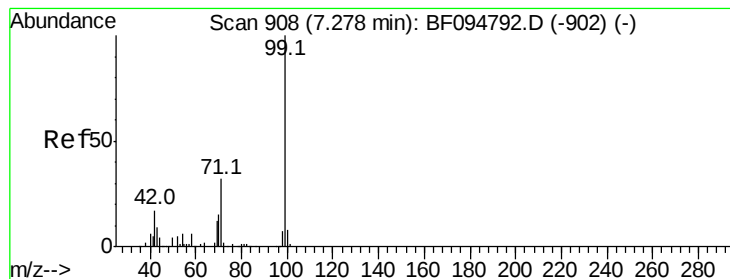
2-Fluorophenol
Concen: 142.64 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095292.D
Acq: 20 May 2017 8:19

Tgt Ion:112 Resp: 771903
Ion Ratio Lower Upper
112 100
64 51.9 46.0 69.0
63 26.0 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: 131.46 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Instrument :

BNA_F

ClientSampleId :

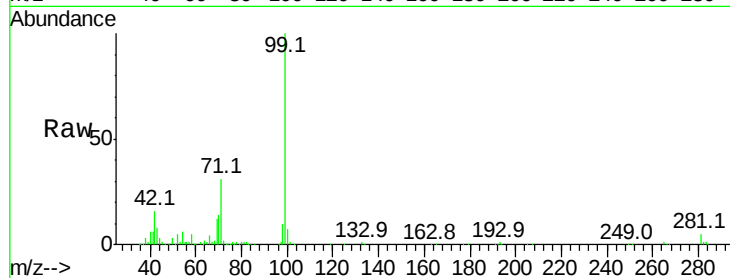
Tot Ion: 99 Resp: 853596

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

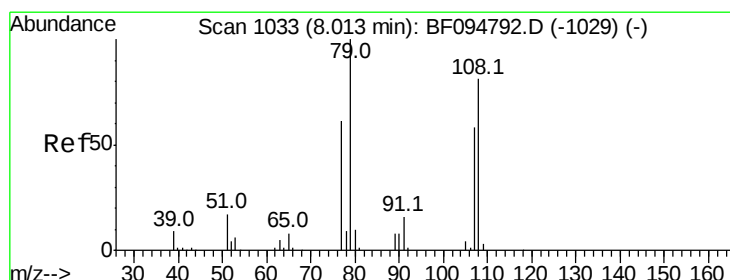
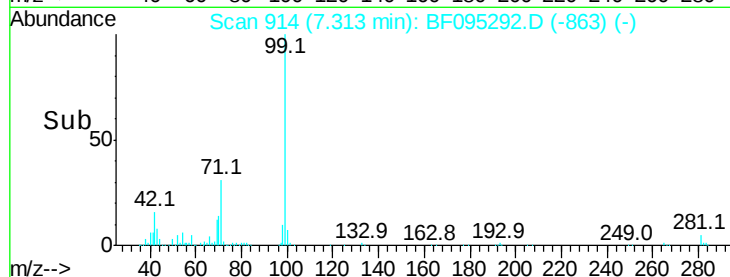
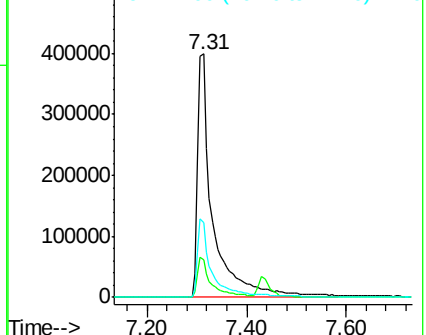
71 30.8 24.5 36.7



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: 2.19 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

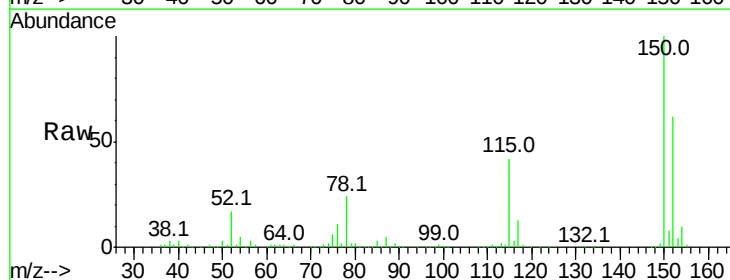
Tgt Ion: 79 Resp: 9149

Ion Ratio Lower Upper

79 100

108 29.8 63.4 95.0#

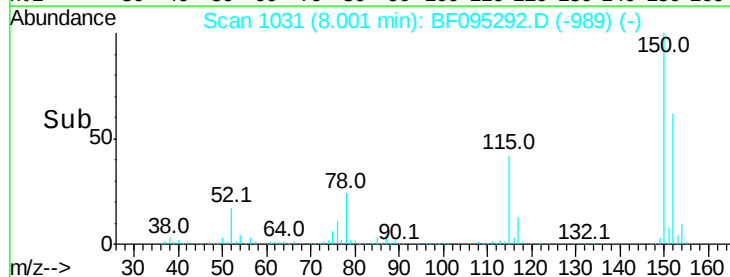
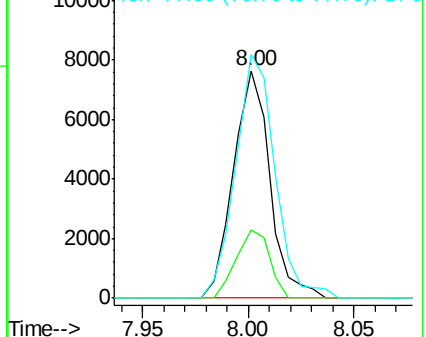
77 107.1 49.2 73.8#

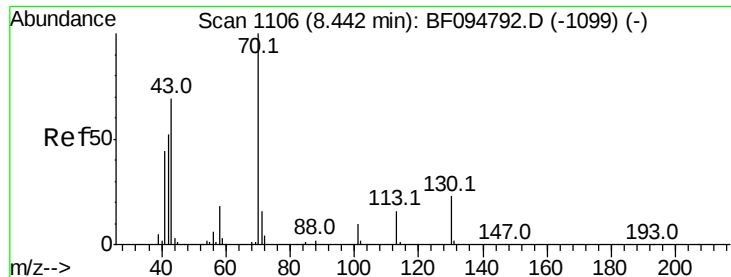


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.93 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65557

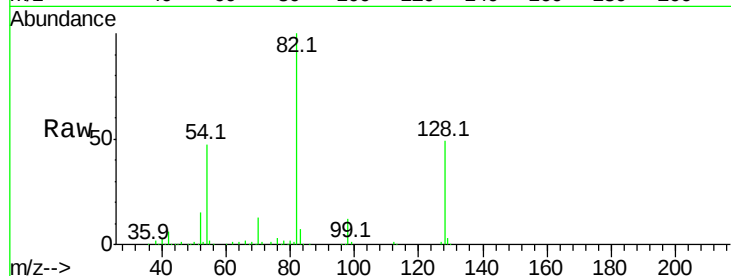
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

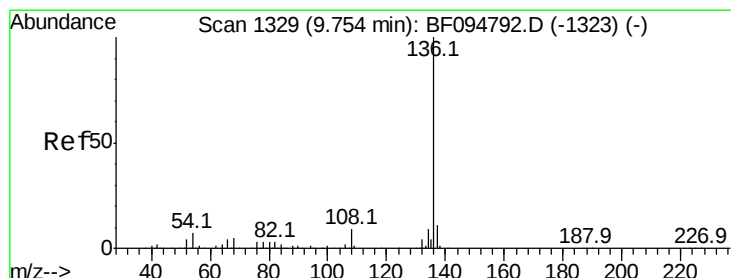
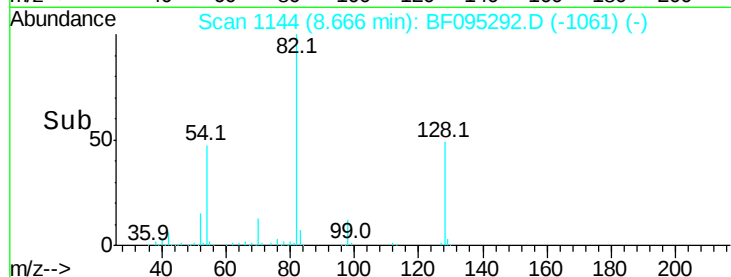
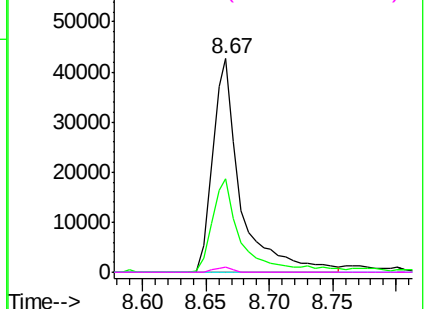


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Tgt Ion: 136 Resp: 343818

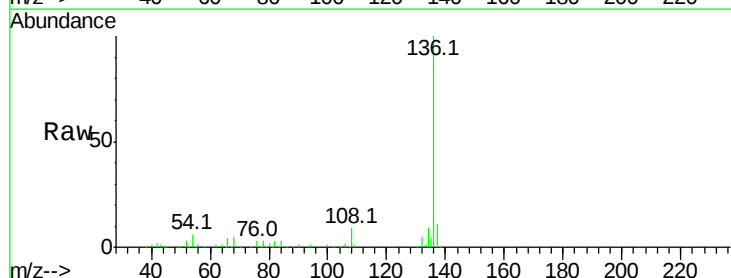
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.3 4.1 6.1

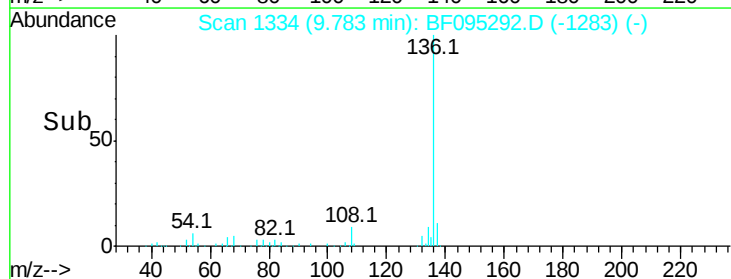
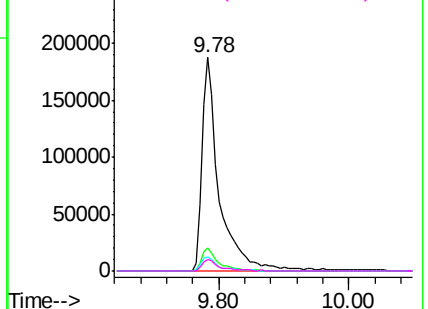


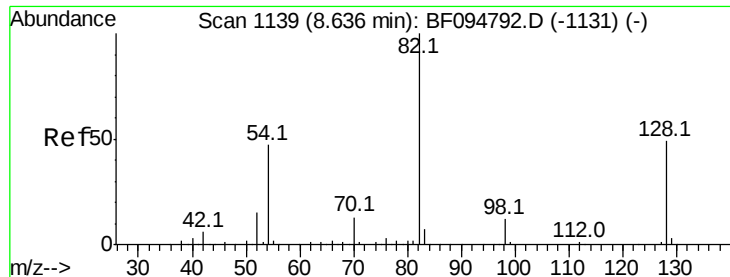
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

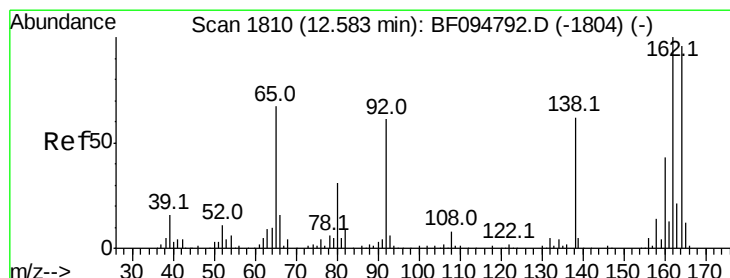
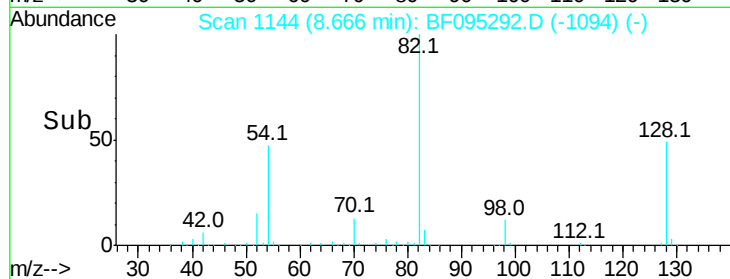
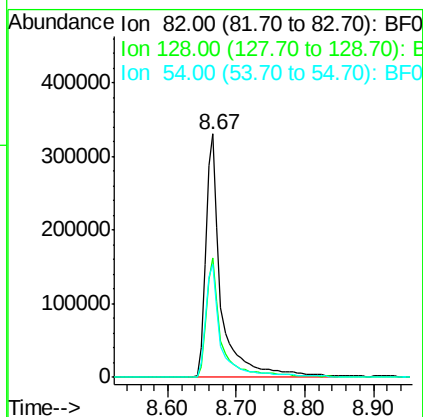
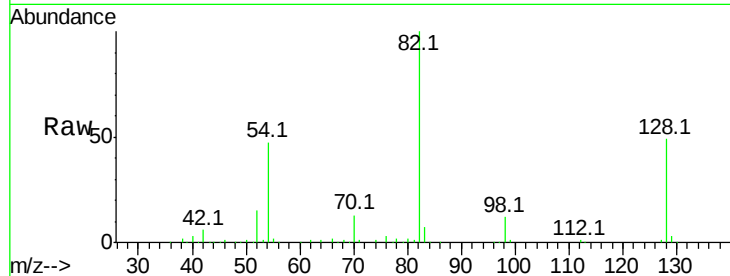




#23
 Nitrobenzene-d5
 Concen: 97.41 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

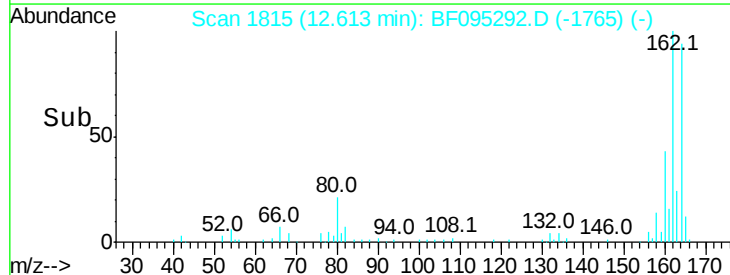
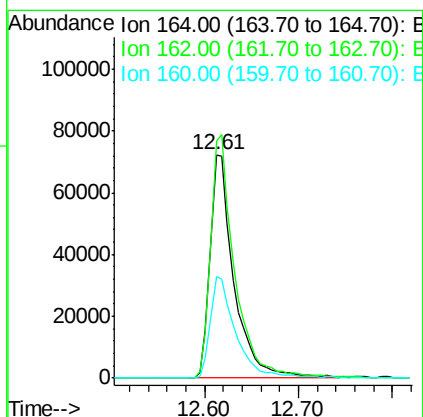
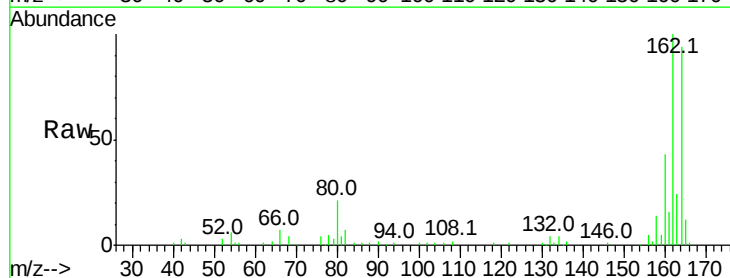
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 531101
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 46.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion:164 Resp: 129950
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 123.8
 160 45.6 36.2 54.2

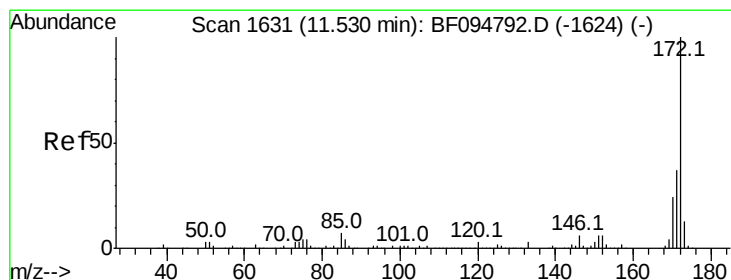
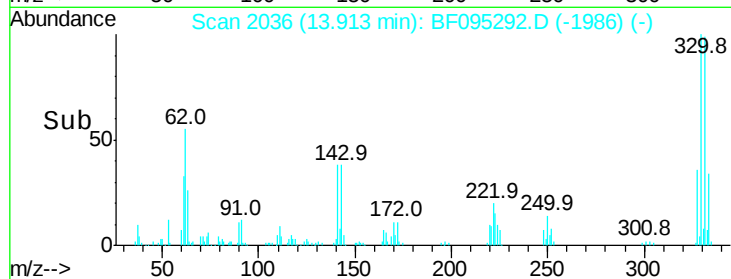
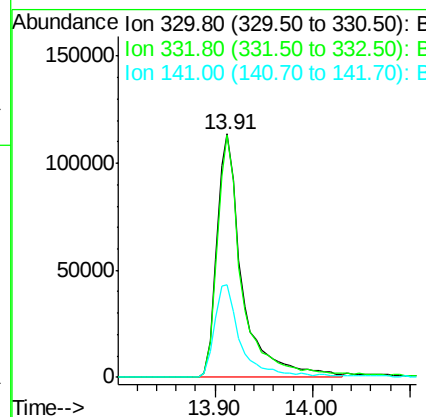
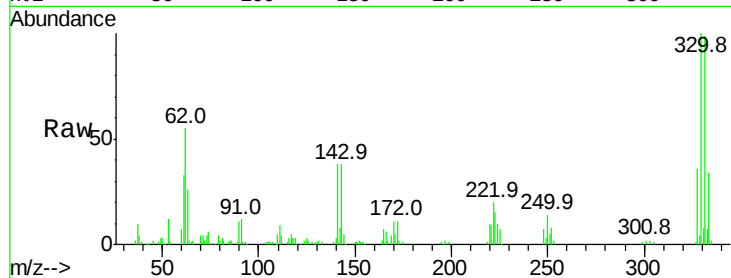




#41
 2,4,6-Tribromophenol
 Concen: 193.12 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

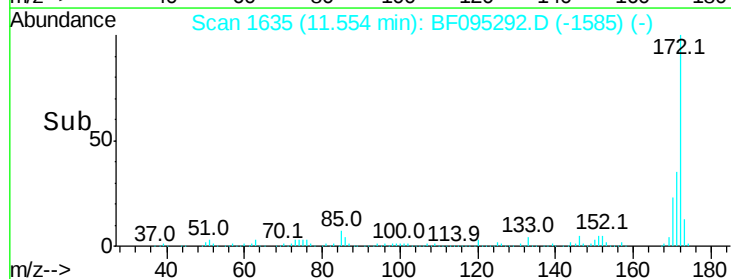
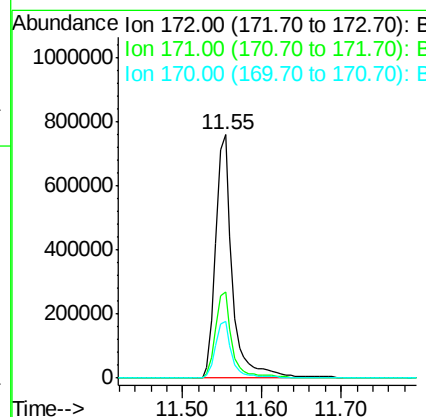
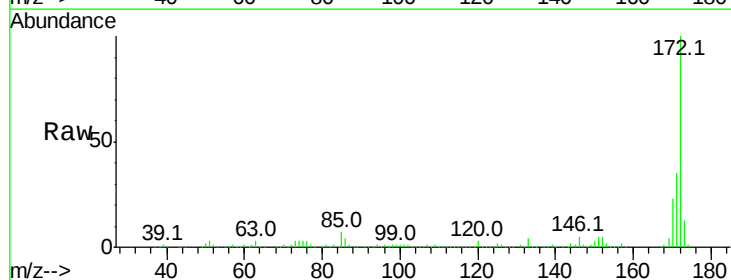
Instrument :
 BNA_F
 ClientSampleId :

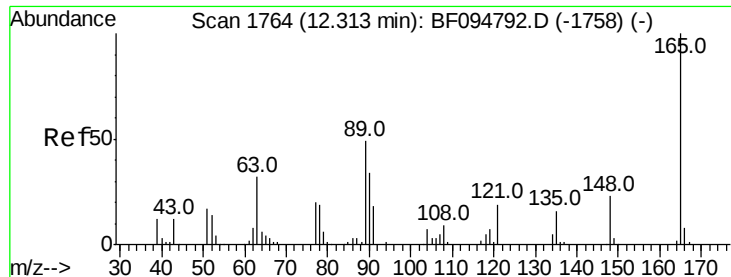
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	39.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 123.41 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.3	19.8	29.8

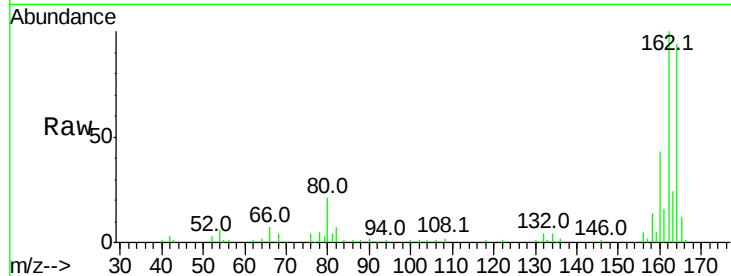




#50
 2,6-Dinitrotoluene
 Concen: 5.89 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Instrument :
 BNA_F
 ClientSampleId :

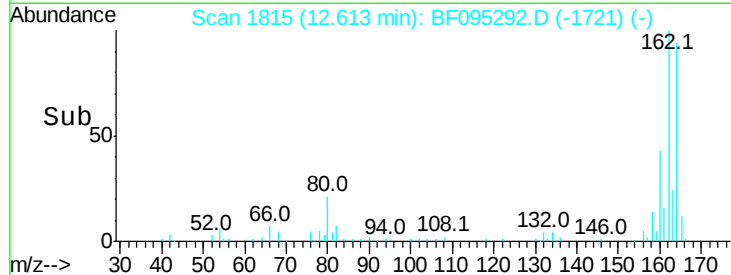
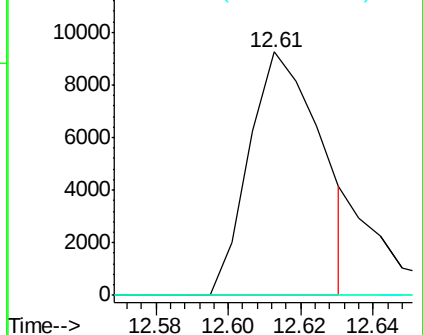
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

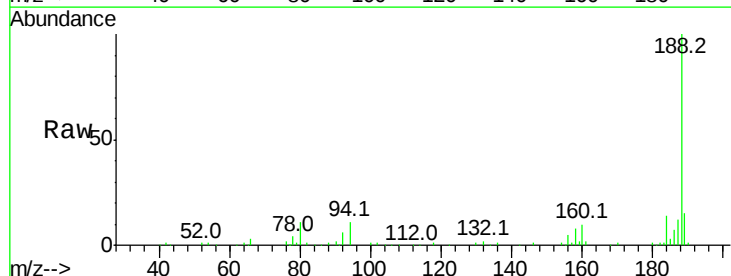
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

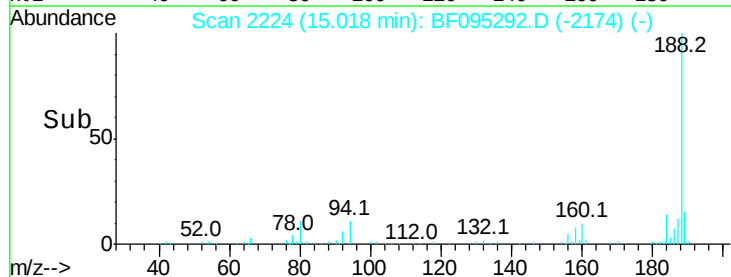
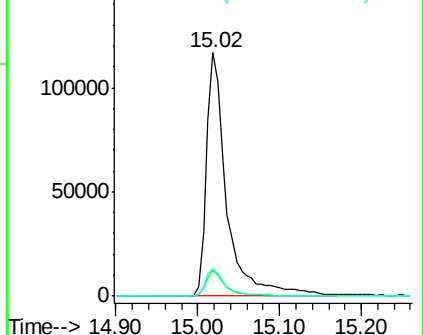
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Instrument :

BNA_F

ClientSampleId :

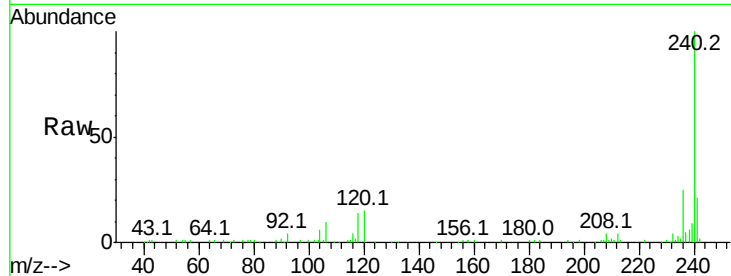
Tot Ion:240 Resp: 160416

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

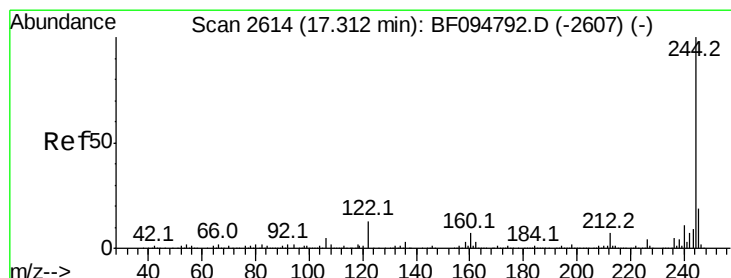
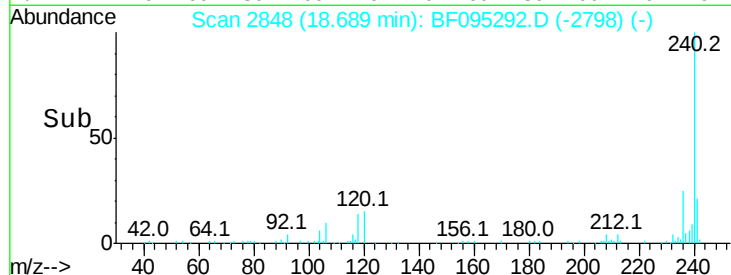
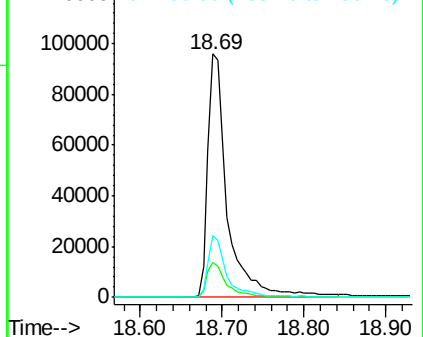
236 25.3 20.5 30.7



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: 184.73 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

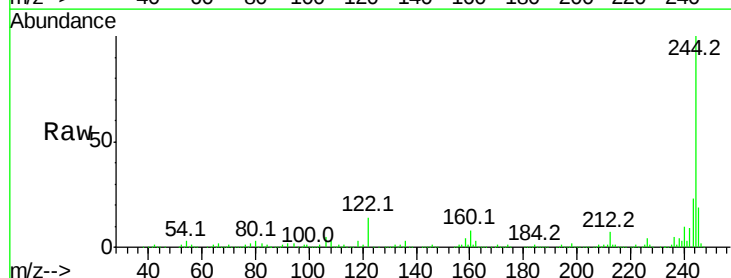
Tgt Ion:244 Resp: 1345385

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

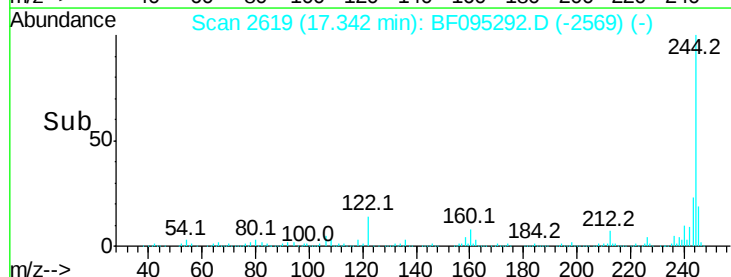
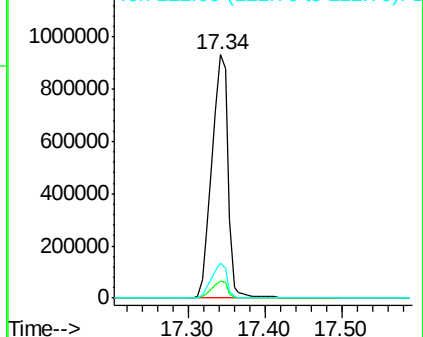
122 14.3 10.3 15.5

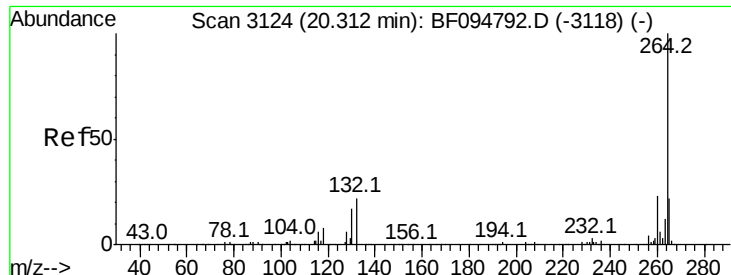


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

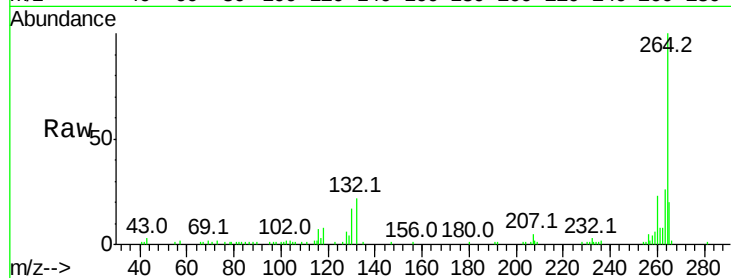




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095292.D
Acq: 20 May 2017 8:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.2	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

