

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095050.D
 Acq On : 10 May 2017 7:19
 Operator : SJ/MA
 Sample : I3027-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 07:54:22 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

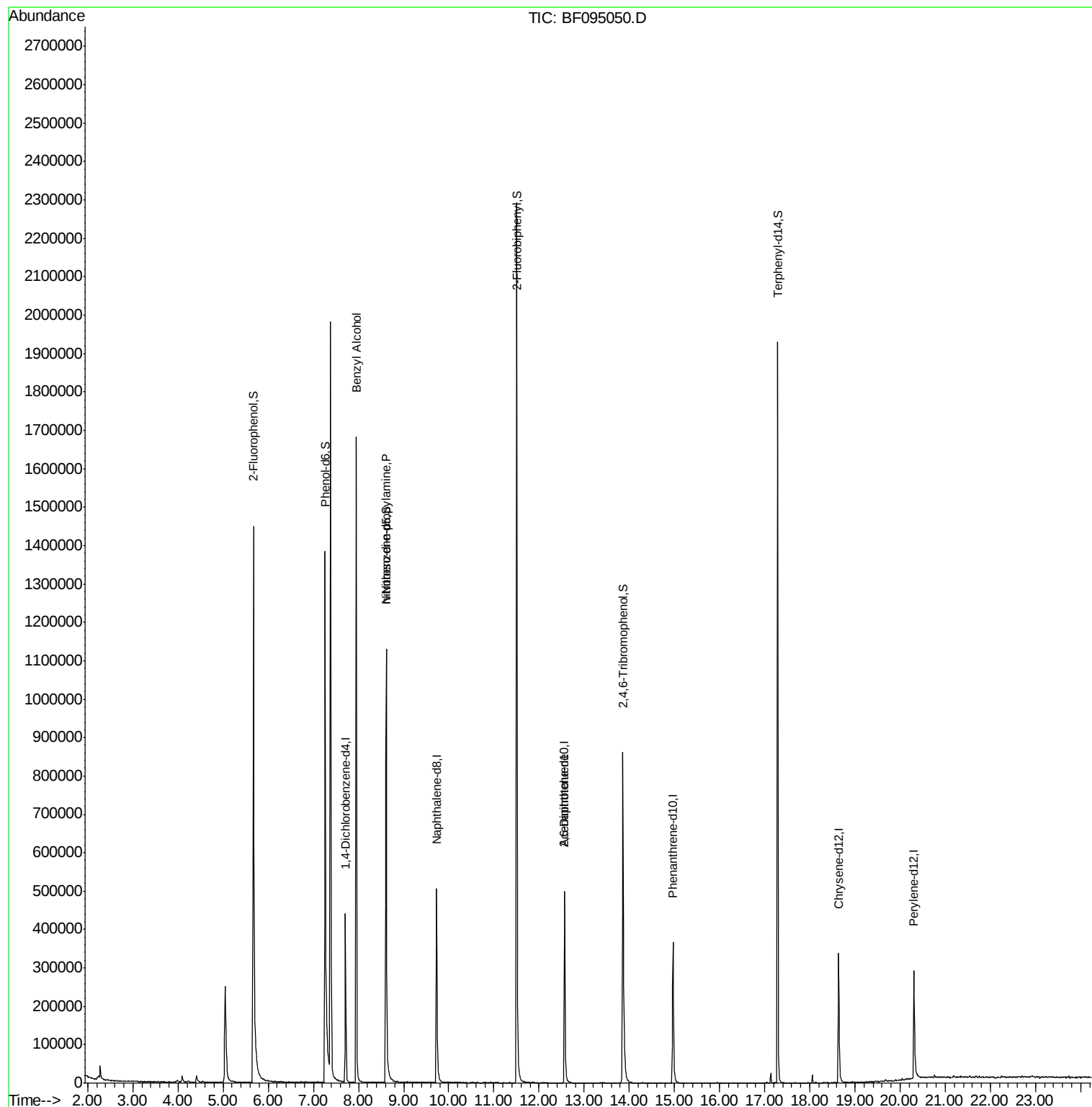
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89433	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	382627	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	167260	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	248974	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	191449	20.00	ng	-0.02
86) Perylene-d12	20.31	264	175908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	754295	140.62	ng	0.00
7) Phenol-d6	7.26	99	888863	138.10	ng	-0.02
23) Nitrobenzene-d5	8.61	82	575695	94.88	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	186376	136.06	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1091918	93.96	ng	-0.02
78) Terphenyl-d14	17.29	244	766254	88.16	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	8329	2.01	ng	# 39
19) n-Nitroso-di-n-propylamine	8.61	70	72854	16.74	ng	# 77
50) 2,6-Dinitrotoluene	12.57	165	15940	5.69	ng	# 31

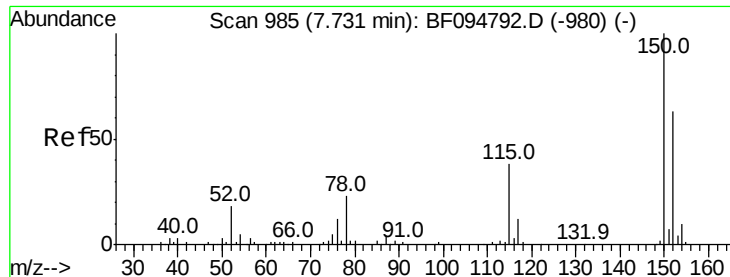
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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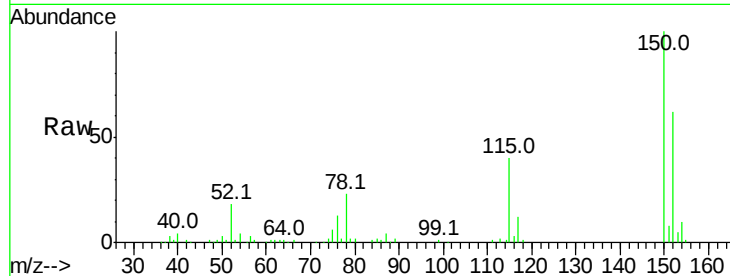


#1

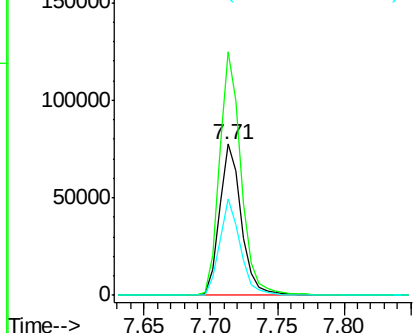
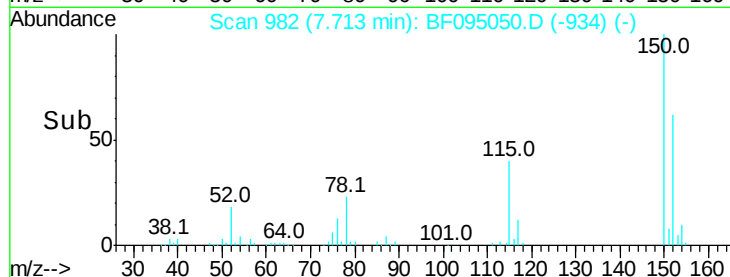
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 89433
 Ion Ratio Lower Upper
 152 100
 150 160.9 126.2 189.2
 115 63.8 52.2 78.2



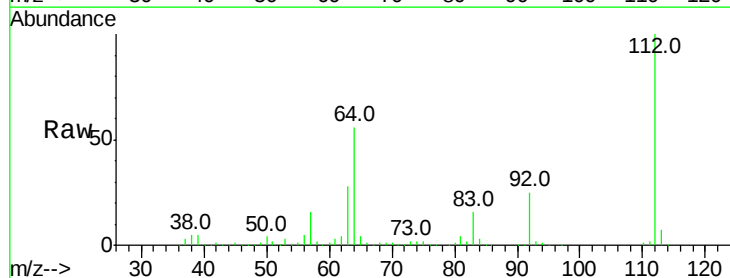
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



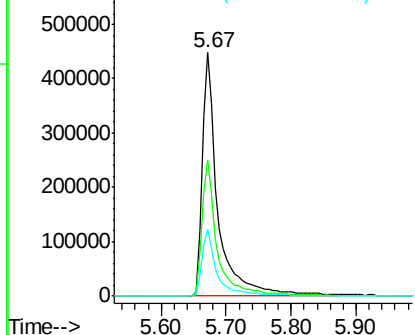
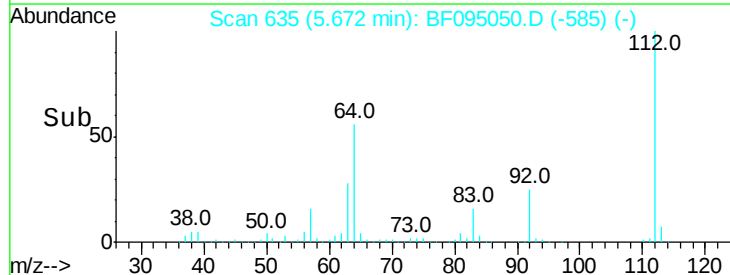
#5

2-Fluorophenol
 Concen: 140.62 ng
 RT: 5.67 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion:112 Resp: 754295
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.8 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: 138.10 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095050.D

Acq: 10 May 2017 7:19

Instrument :

BNA_F

ClientSampleId :

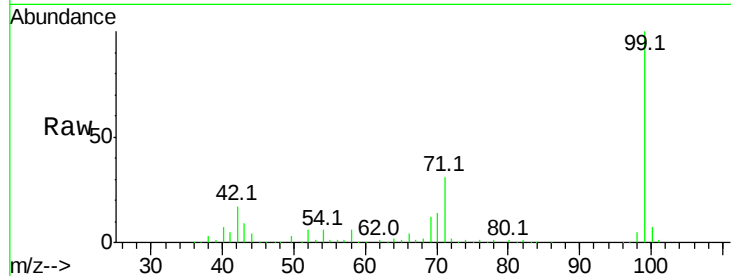
Tot Ion: 99 Resp: 888863

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

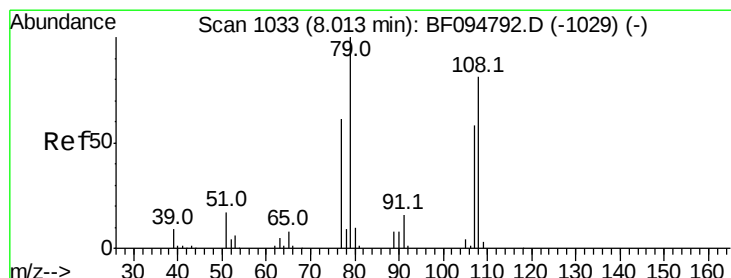
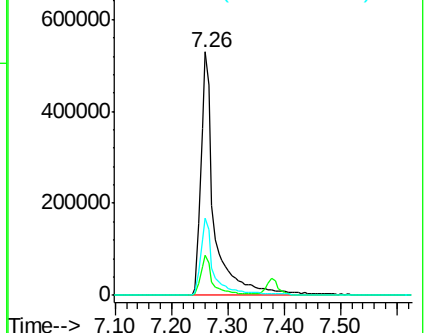
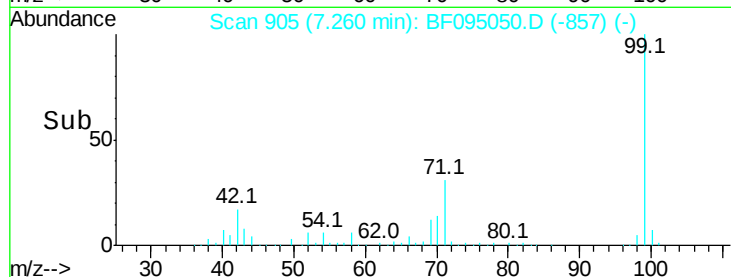
71 31.5 24.5 36.7



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: 2.01 ng

RT: 7.95 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF095050.D

Acq: 10 May 2017 7:19

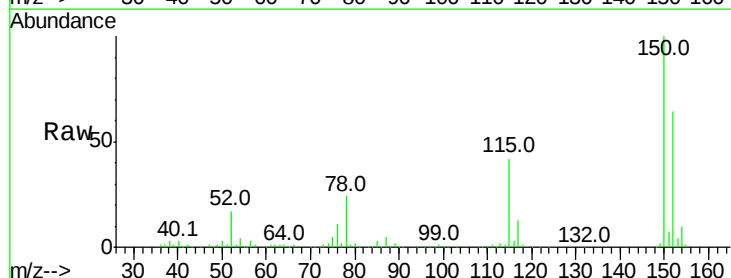
Tgt Ion: 79 Resp: 8329

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

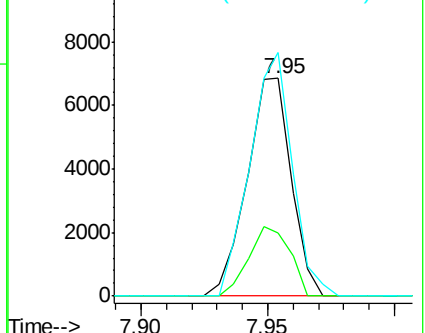
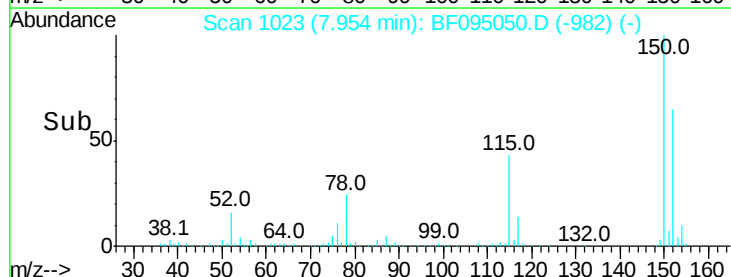
77 112.0 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

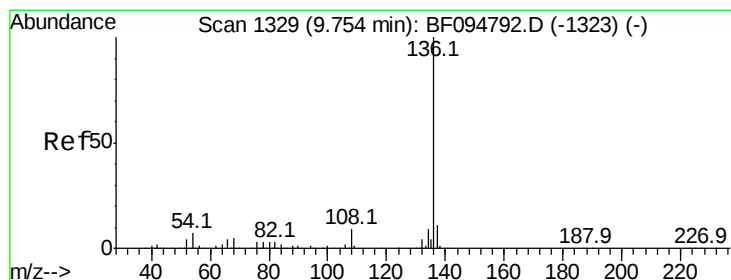
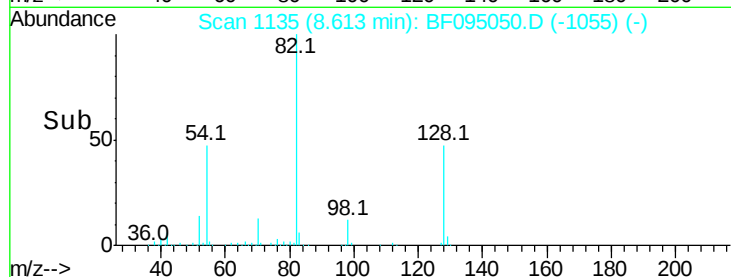
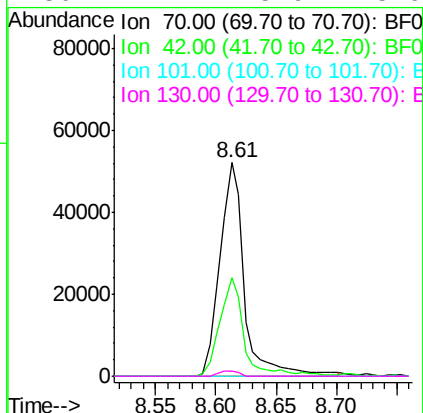
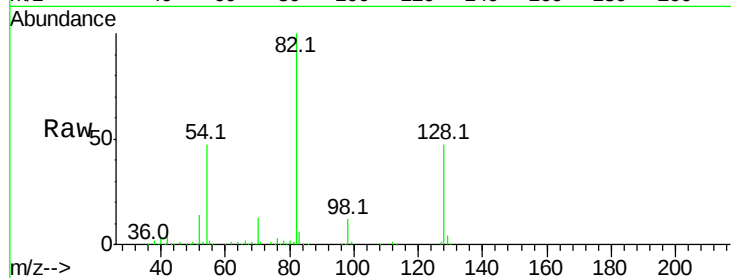




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095050.D
Acq: 10 May 2017 7:19

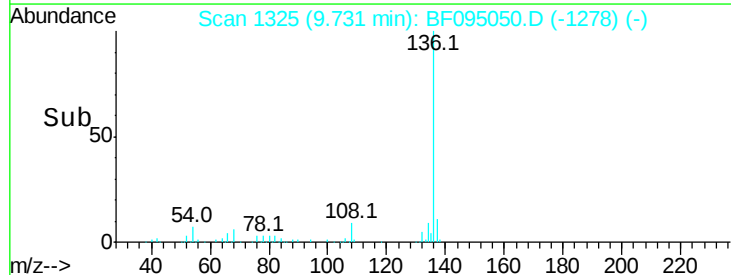
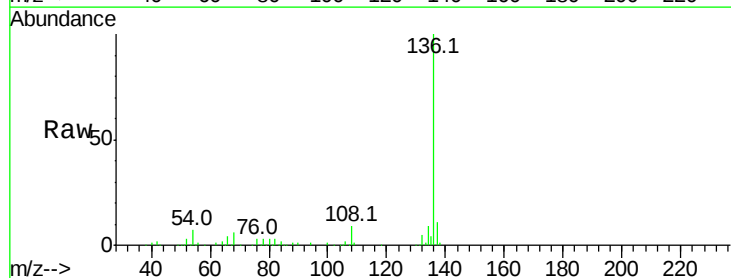
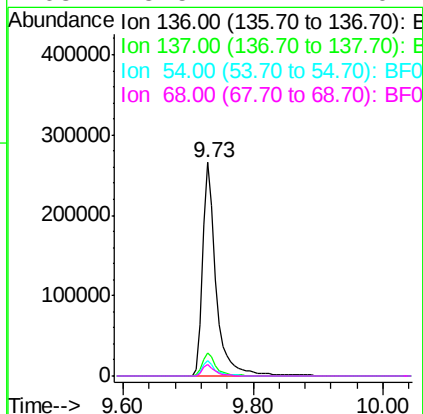
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 72854
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095050.D
Acq: 10 May 2017 7:19

Tgt Ion: 136 Resp: 382627
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.2 4.9 7.3
68 5.5 4.1 6.1

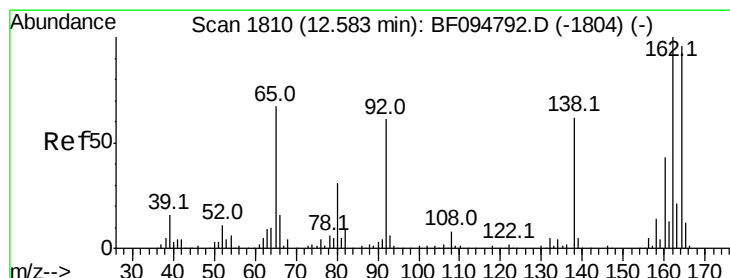
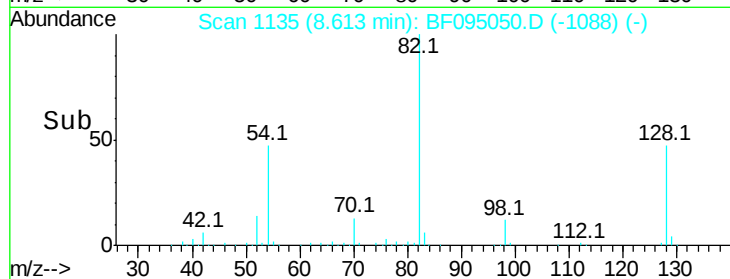
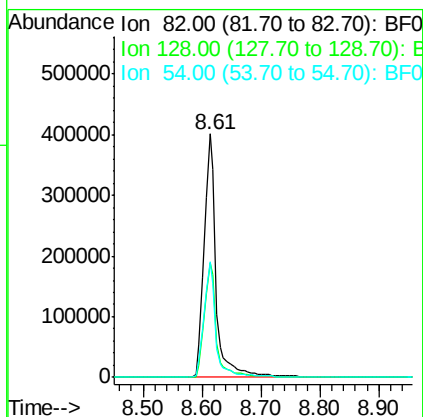
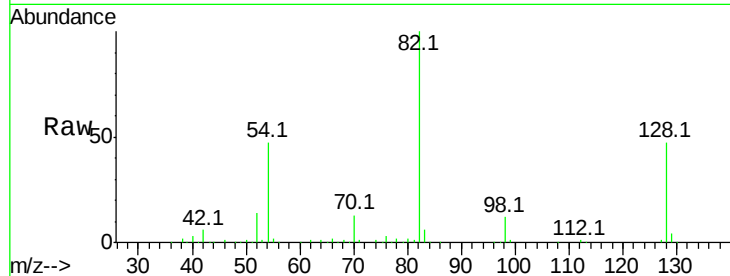




#23
 Nitrobenzene-d5
 Concen: 94.88 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

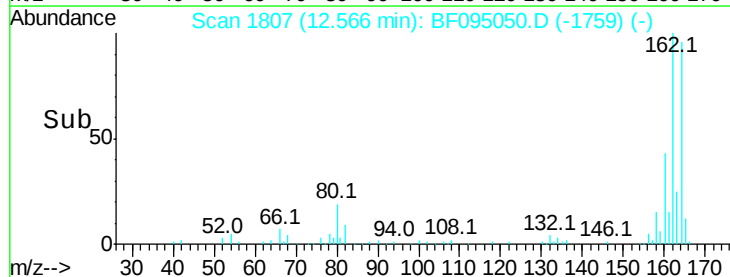
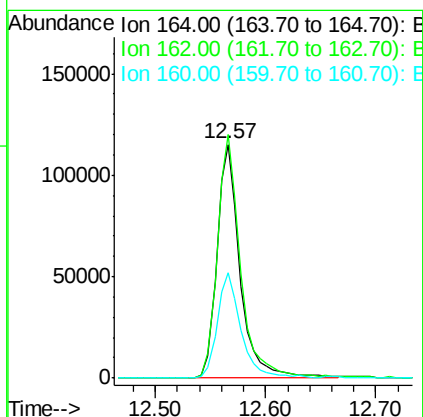
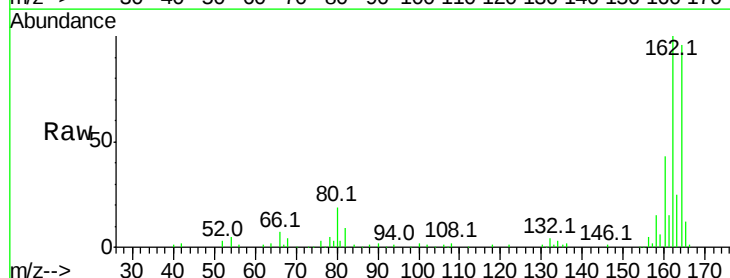
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	575695
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	47.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion	164	Resp	167260
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.3	36.2	54.2

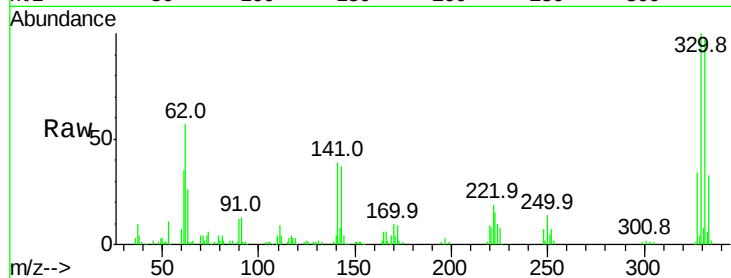




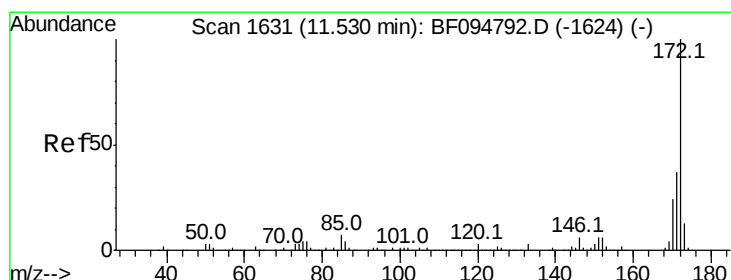
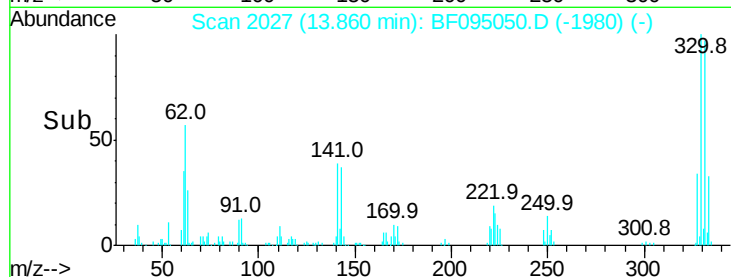
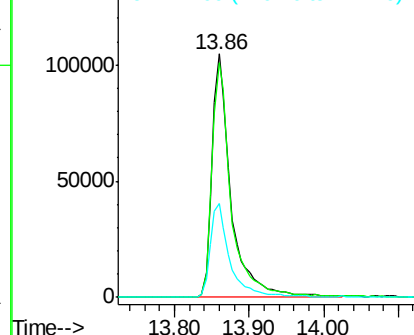
#41
 2,4,6-Tribromophenol
 Concen: 136.06 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.6	31.4	47.2

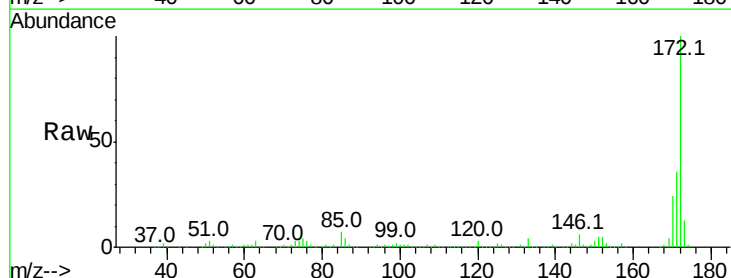


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

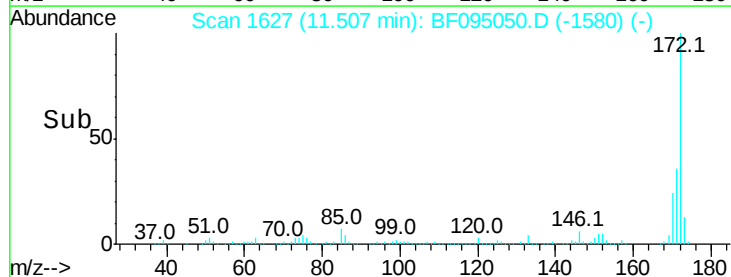
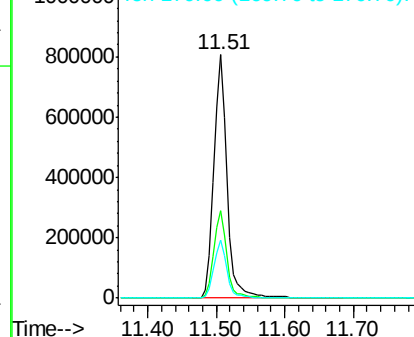


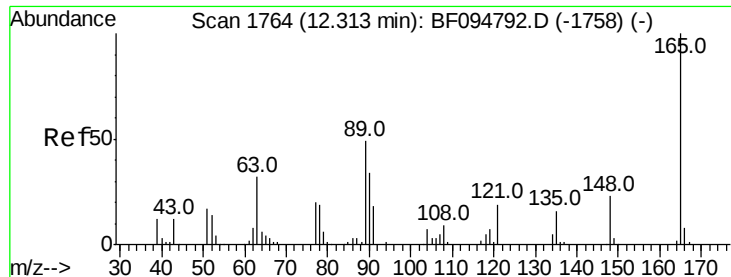
#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

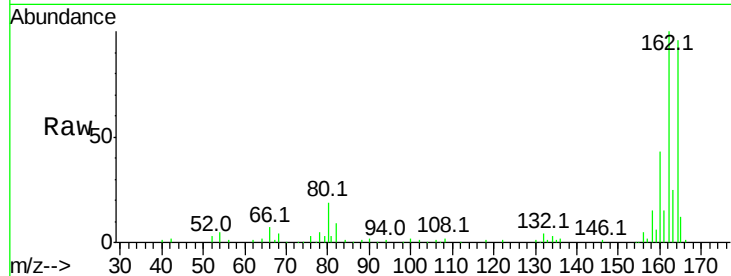




#50
 2,6-Dinitrotoluene
 Concen: 5.69 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :

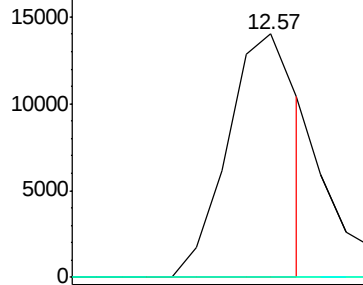
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



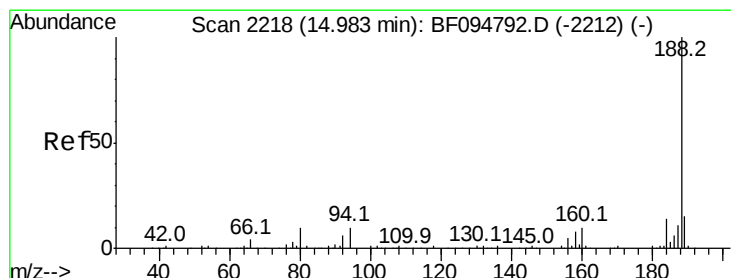
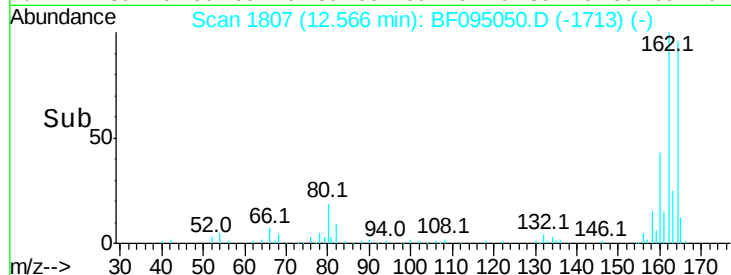
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

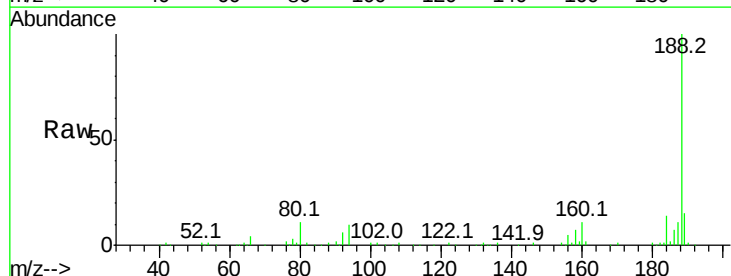


Time--> 12.52 12.54 12.56 12.58



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

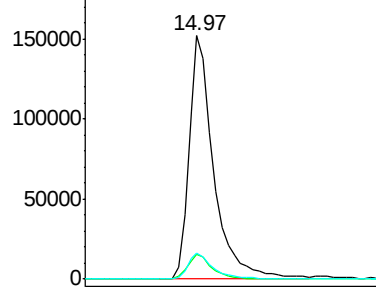
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2



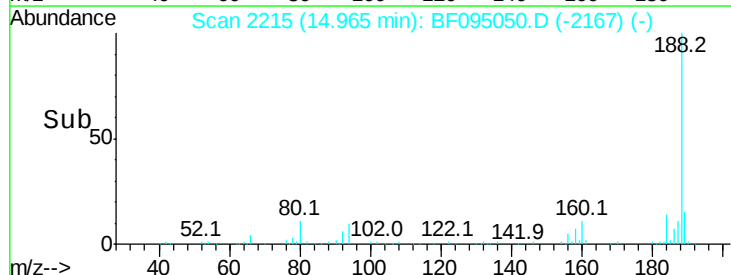
Abundance Ion 188.00 (187.70 to 188.70): E

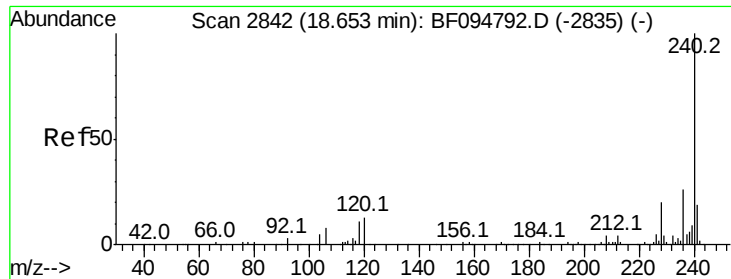
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 14.90 15.00 15.10

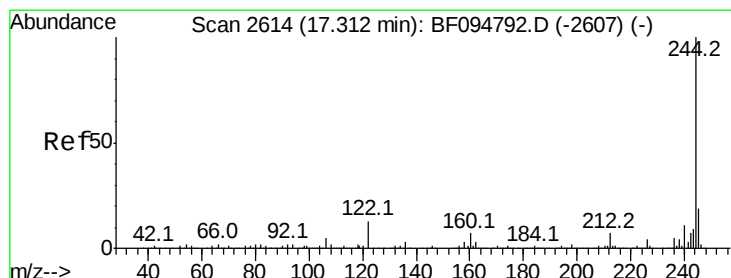
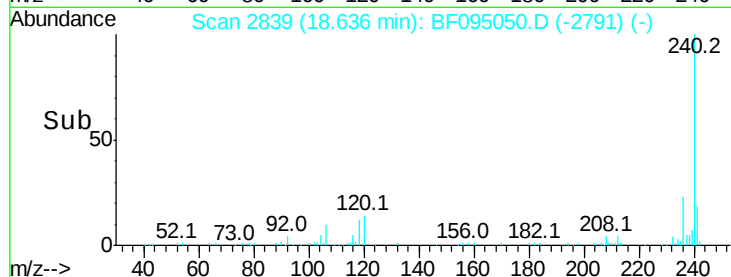
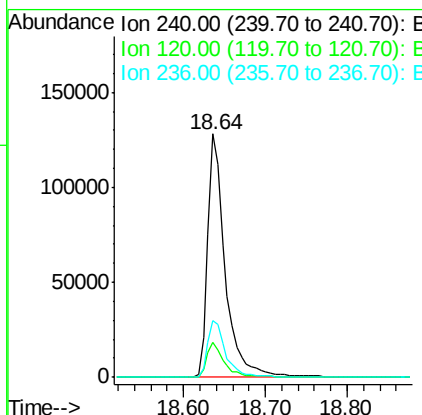
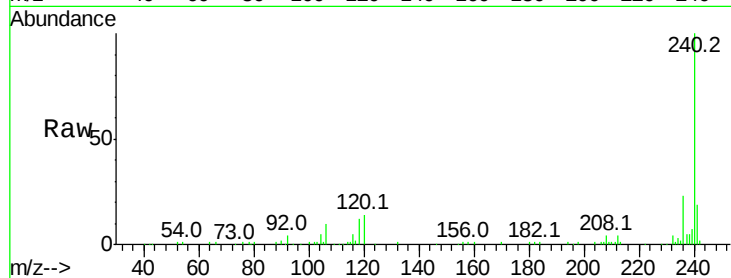




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

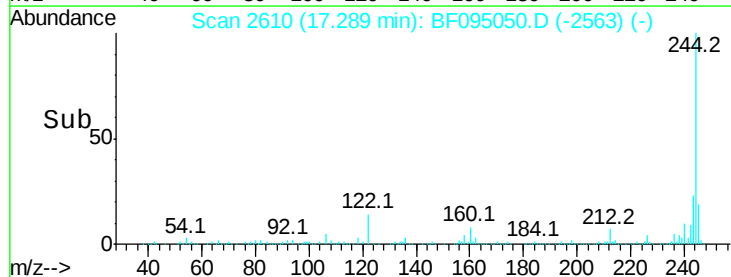
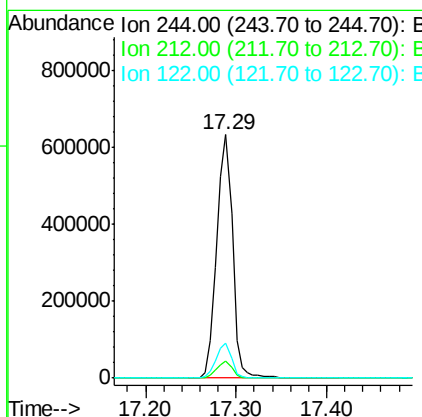
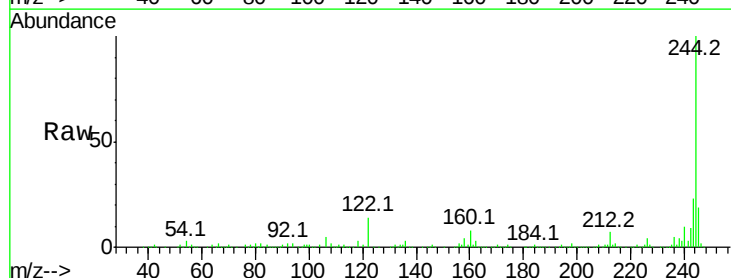
Instrument :
 BNA_F
 ClientSampleId :

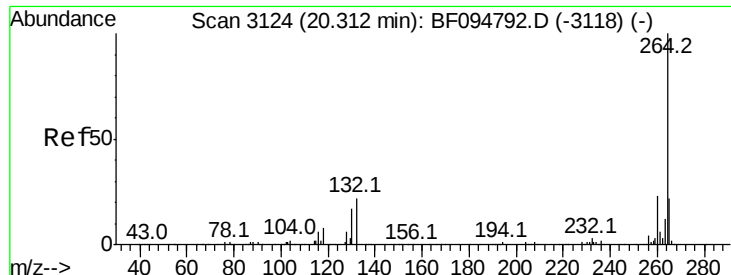
Tot Ion:240 Resp: 191449
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 23.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 88.16 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion:244 Resp: 766254
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.2 10.3 15.5

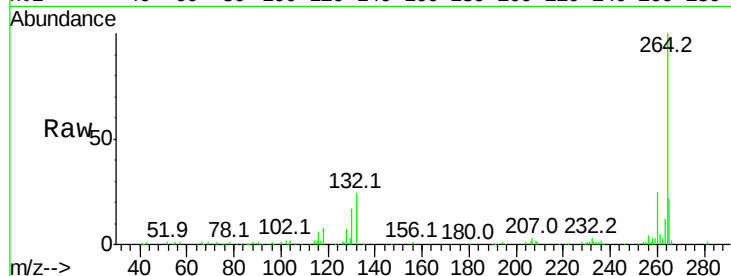




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 175908
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.6 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

