

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095053.D
 Acq On : 10 May 2017 8:55
 Operator : SJ/MA
 Sample : I3031-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 11:04:57 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

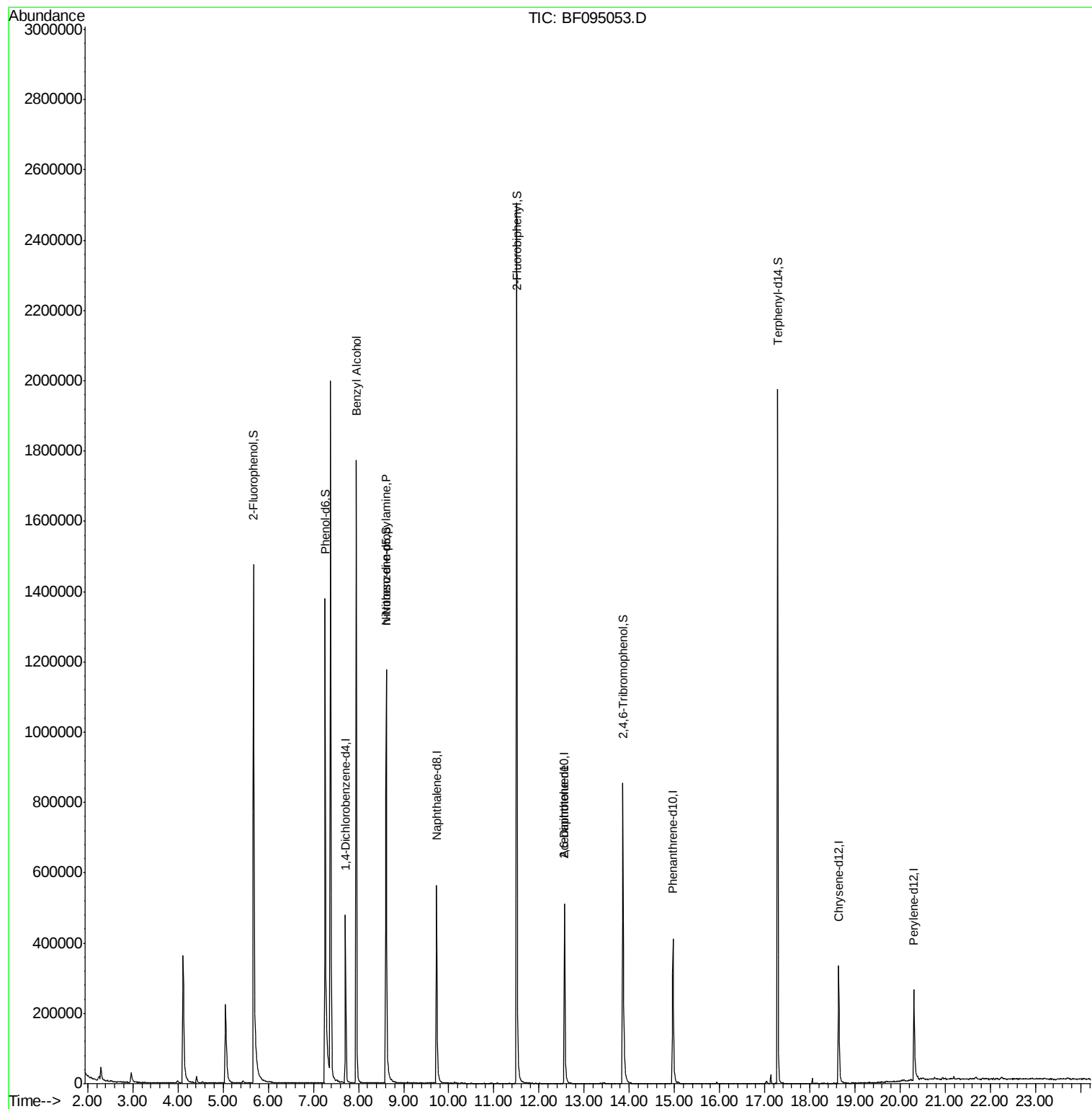
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	100603	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	404828	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	176350	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	273579	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	199068	20.00	ng	-0.02
86) Perylene-d12	20.31	264	160369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	801011	132.75	ng	0.00
7) Phenol-d6	7.26	99	899283	124.21	ng	-0.02
23) Nitrobenzene-d5	8.61	82	611424	95.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	182616	126.44	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1185039	96.72	ng	-0.02
78) Terphenyl-d14	17.29	244	803911	88.95	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	9389	2.02	ng	# 51
19) n-Nitroso-di-n-propylamine	8.61	70	77868	15.90	ng	# 76
50) 2,6-Dinitrotoluene	12.57	165	17583	5.95	ng	# 33

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

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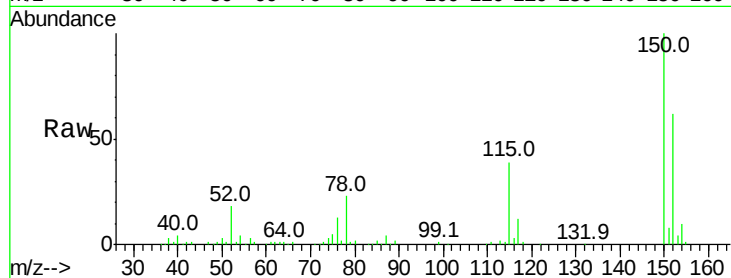


#1

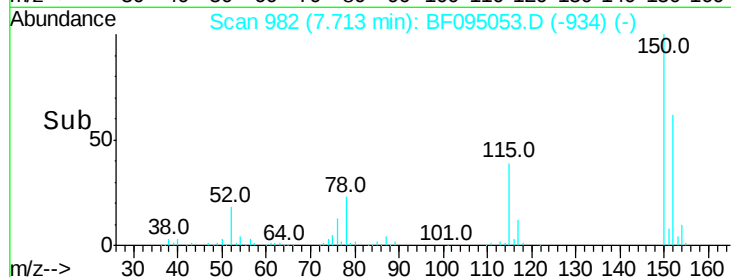
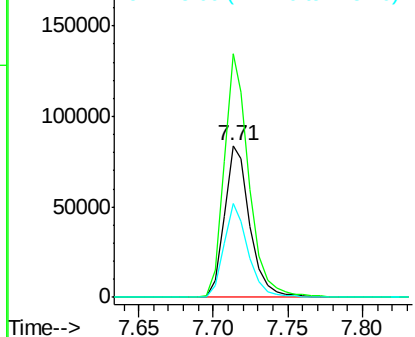
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100603
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.7 52.2 78.2



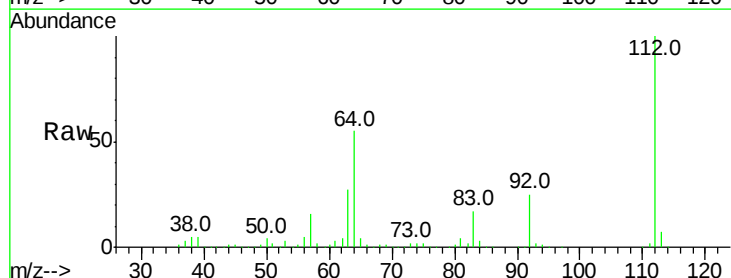
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



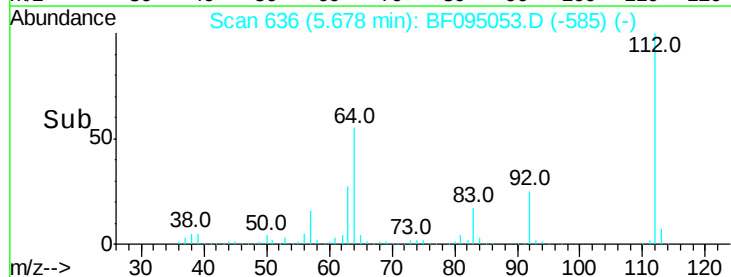
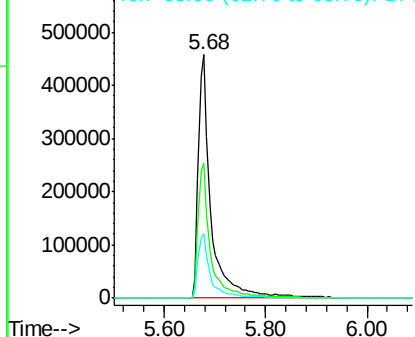
#5

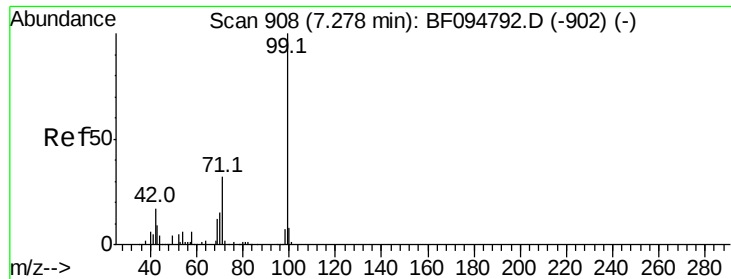
2-Fluorophenol
Concen: 132.75 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

Tgt Ion:112 Resp: 801011
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 26.5 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: 124.21 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Instrument :

BNA_F

ClientSampleId :

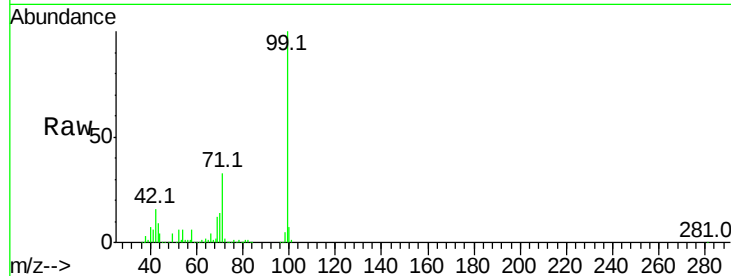
Tot Ion: 99 Resp: 899283

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

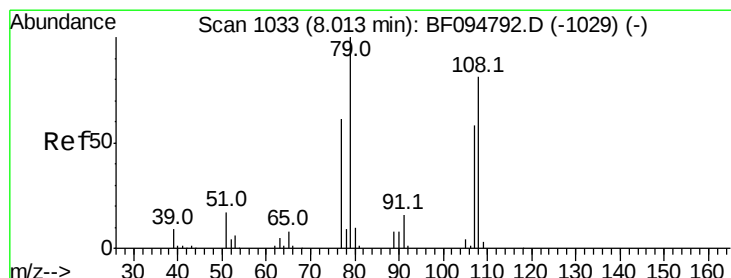
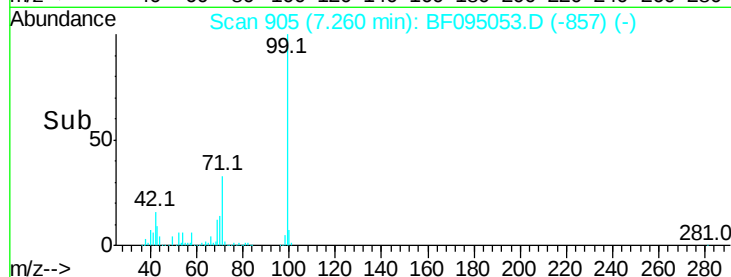
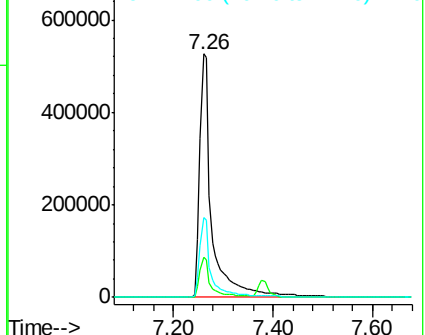
71 33.0 24.5 36.7



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: 2.02 ng

RT: 7.95 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

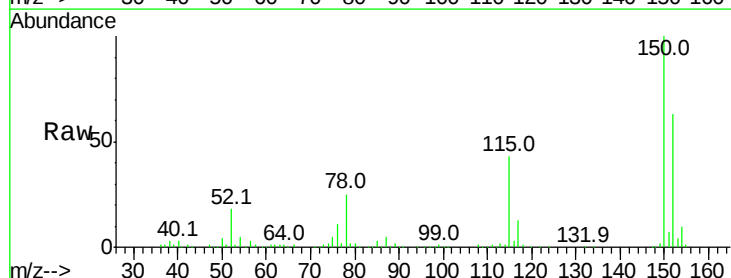
Tgt Ion: 79 Resp: 9389

Ion Ratio Lower Upper

79 100

108 27.9 63.4 95.0#

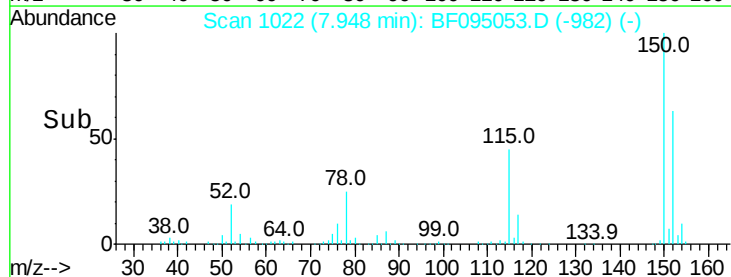
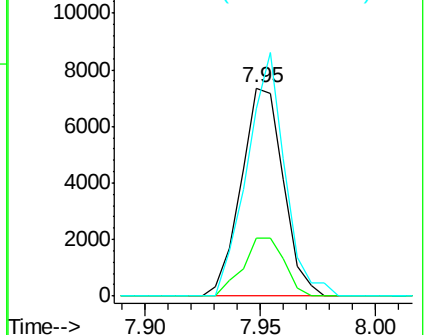
77 90.3 49.2 73.8#

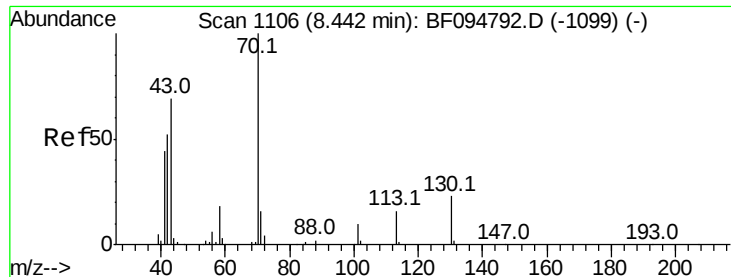


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

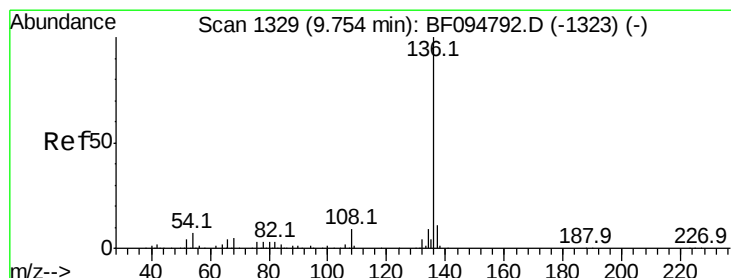
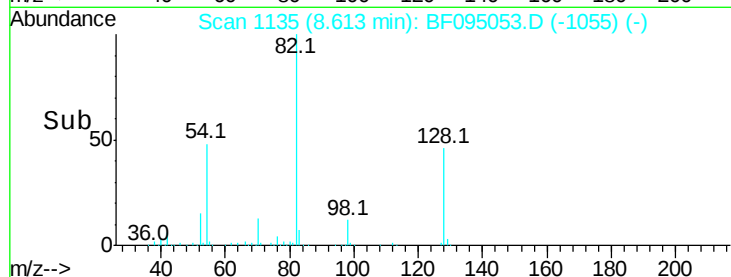
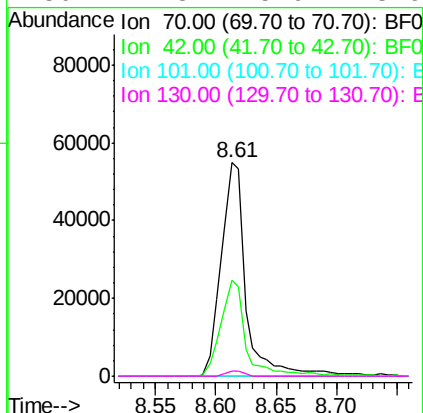
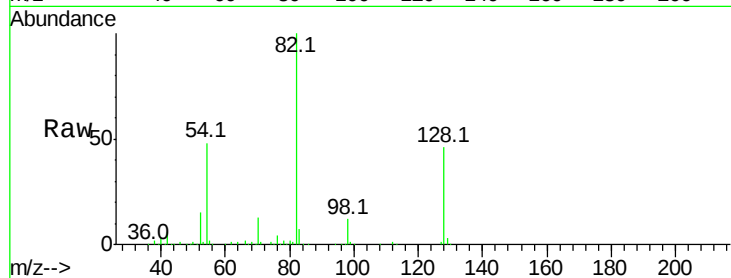




#19
n-Nitroso-di-n-propylamine
Concen: 15.90 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

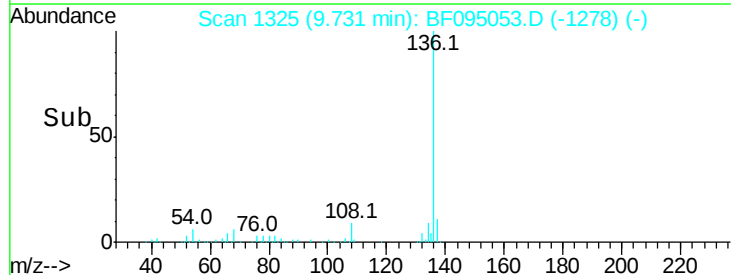
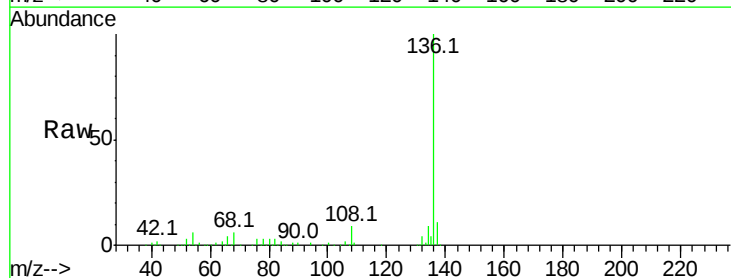
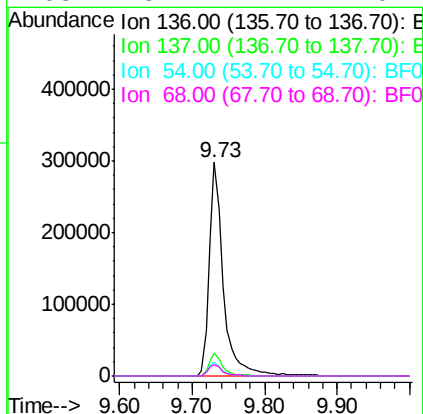
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 77868
Ion Ratio Lower Upper
70 100
42 45.0 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: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

Tgt Ion:136 Resp: 404828
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.4 4.9 7.3
68 5.7 4.1 6.1

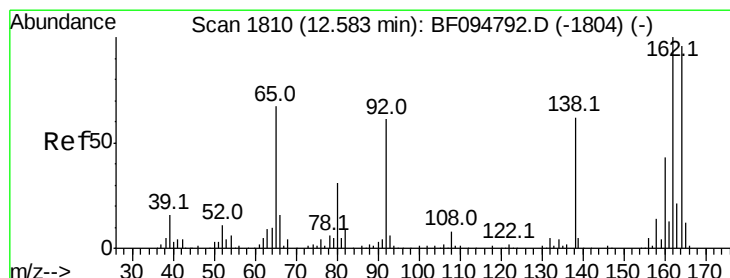
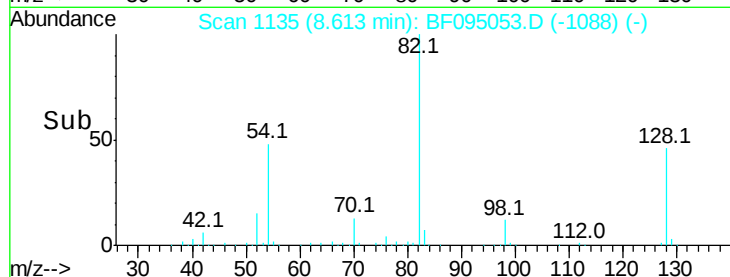
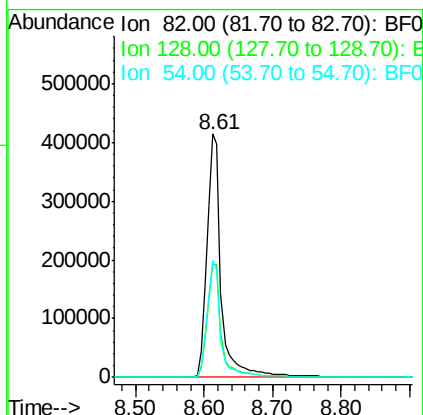
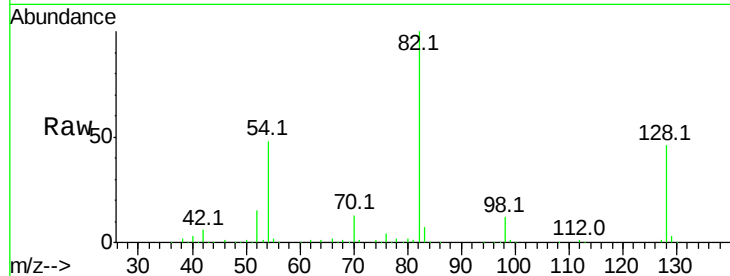




#23
 Nitrobenzene-d5
 Concen: 95.24 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

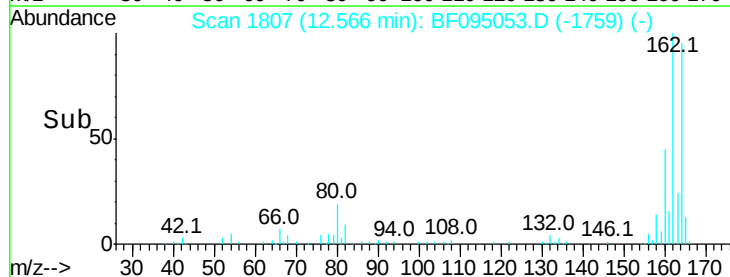
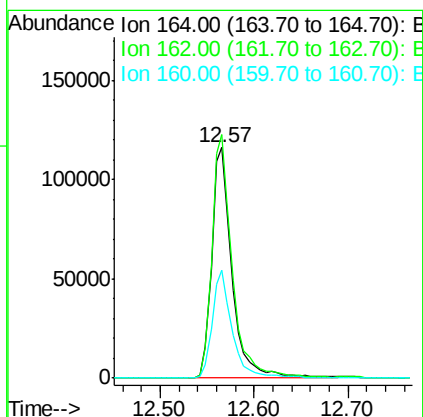
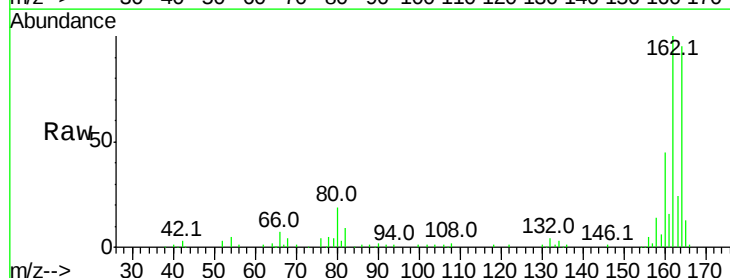
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 611424
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 47.9 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: BF095053.D
 Acq: 10 May 2017 8:55

Tgt Ion:164 Resp: 176350
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 47.1 36.2 54.2

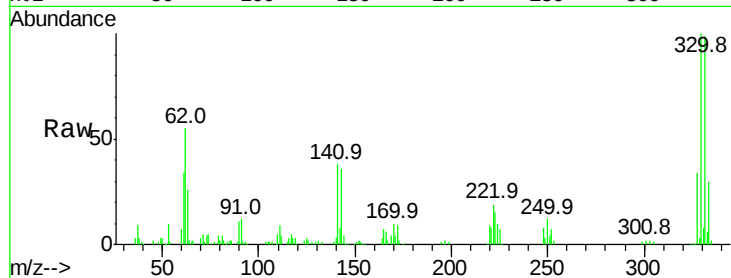




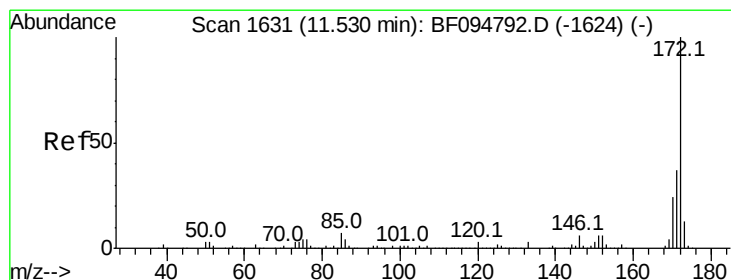
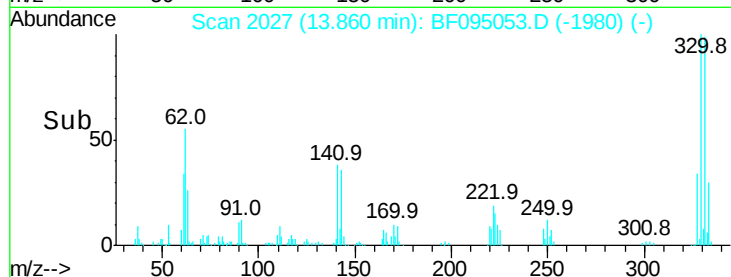
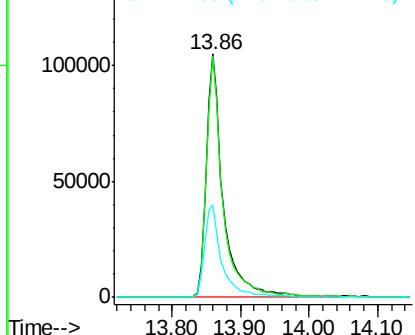
#41
 2,4,6-Tribromophenol
 Concen: 126.44 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 182616
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.2 31.4 47.2

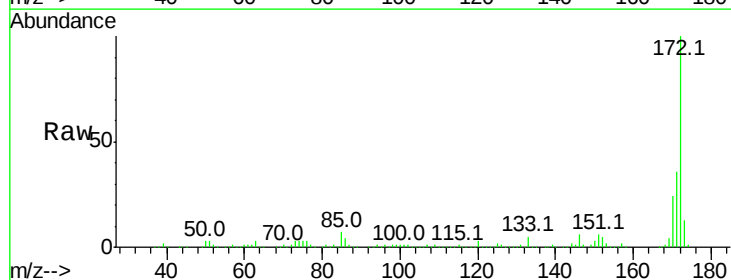


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

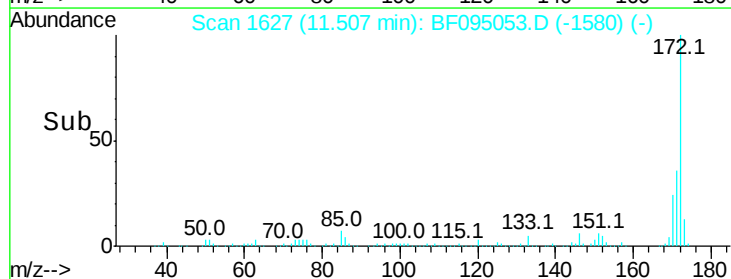
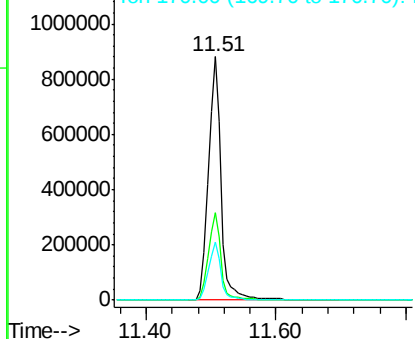


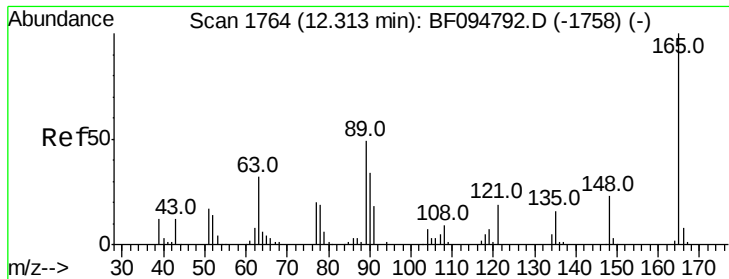
#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Tgt Ion:172 Resp: 1185039
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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

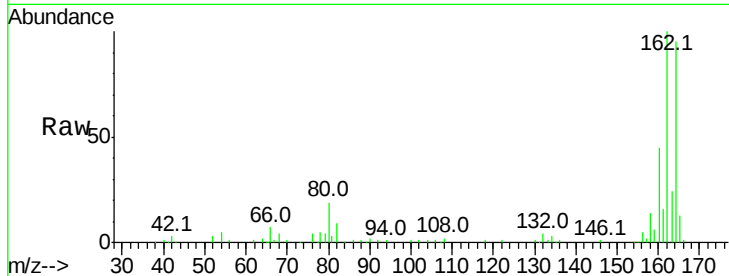




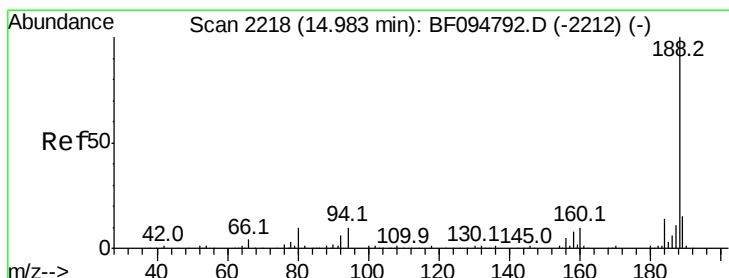
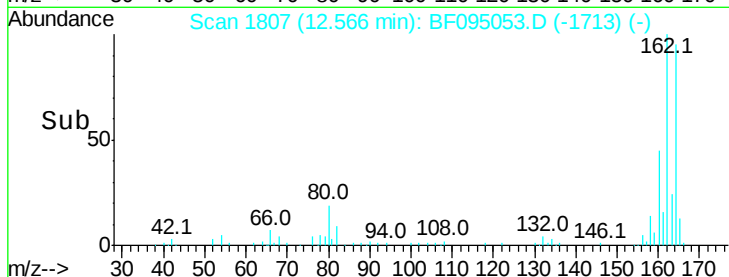
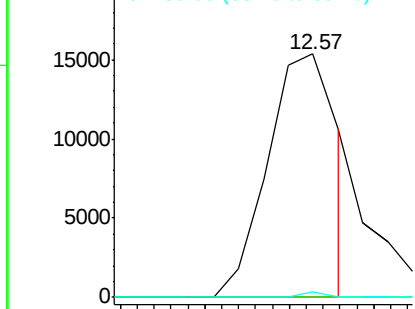
#50
 2,6-Dinitrotoluene
 Concen: 5.95 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17583
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 2.5 37.1 55.7#

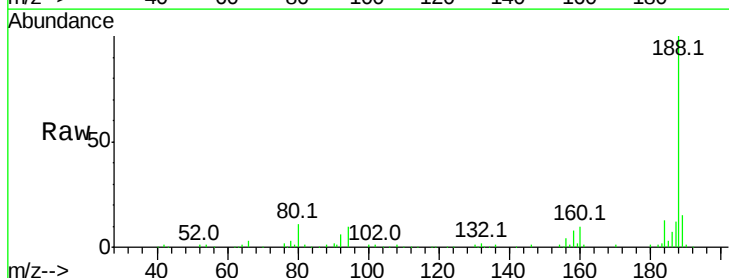


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

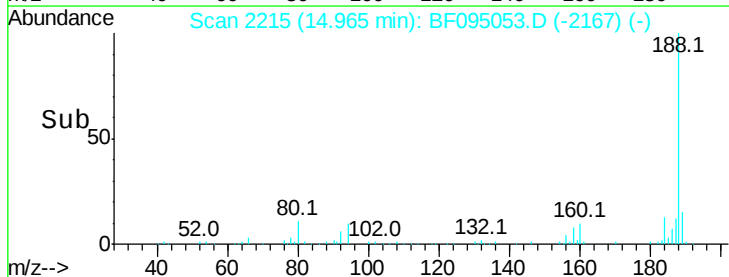
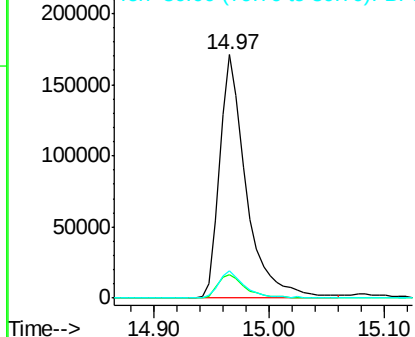


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Tgt Ion:188 Resp: 273579
 Ion Ratio Lower Upper
 188 100
 94 9.7 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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Instrument :

BNA_F

ClientSampleId :

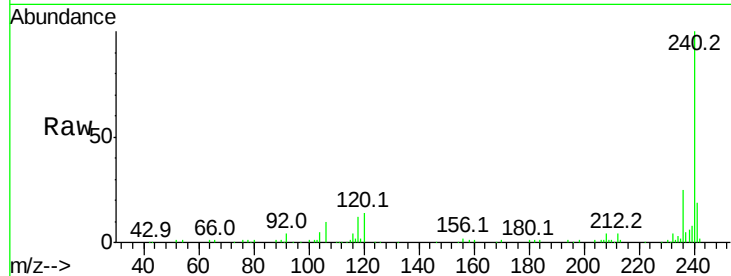
Tot Ion:240 Resp: 199068

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

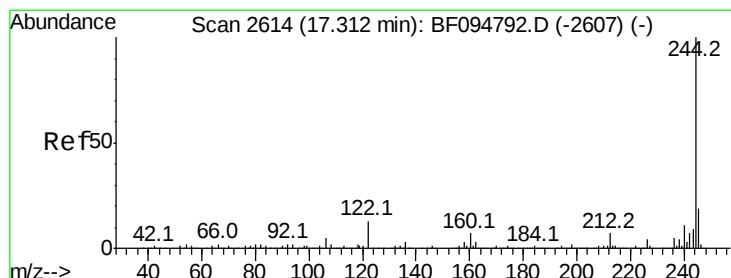
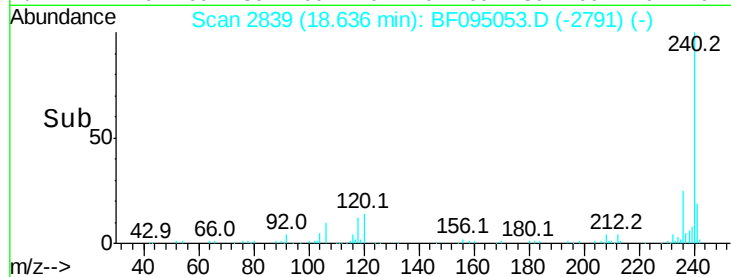
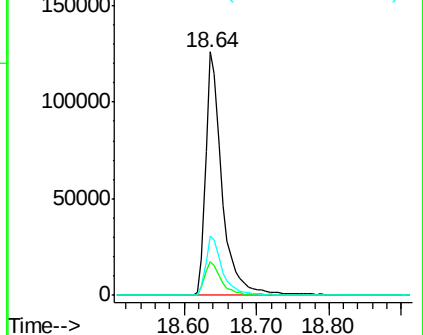
236 24.5 20.5 30.7



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: 88.95 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

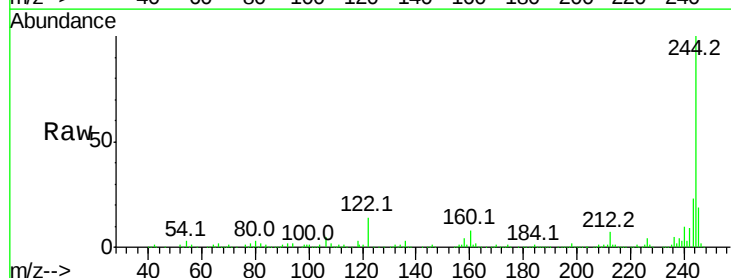
Tgt Ion:244 Resp: 803911

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

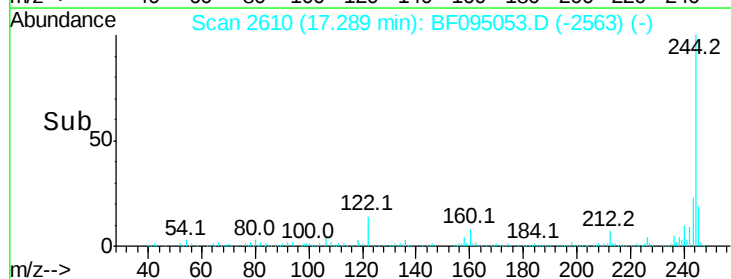
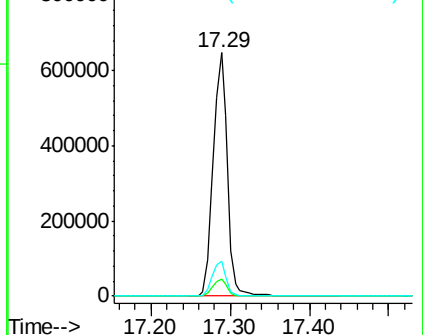
122 14.2 10.3 15.5

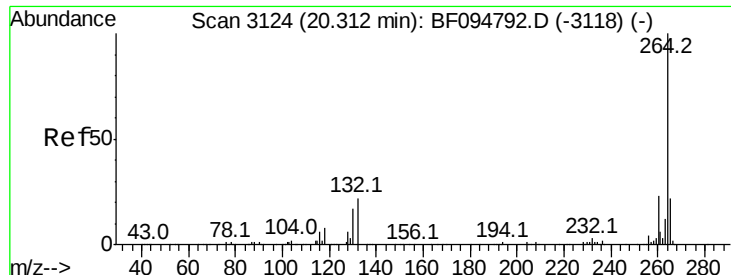


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

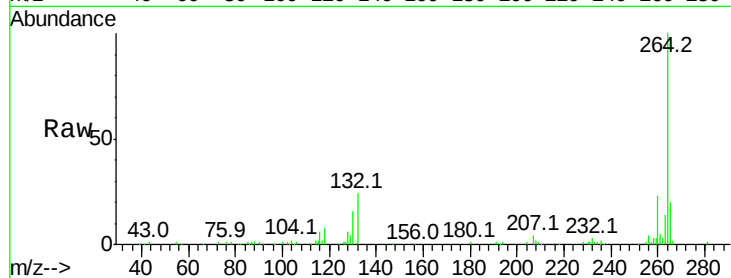




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

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

