

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095160.D
 Acq On : 16 May 2017 17:11
 Operator : SJ/MA
 Sample : PB98998BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:54:14 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

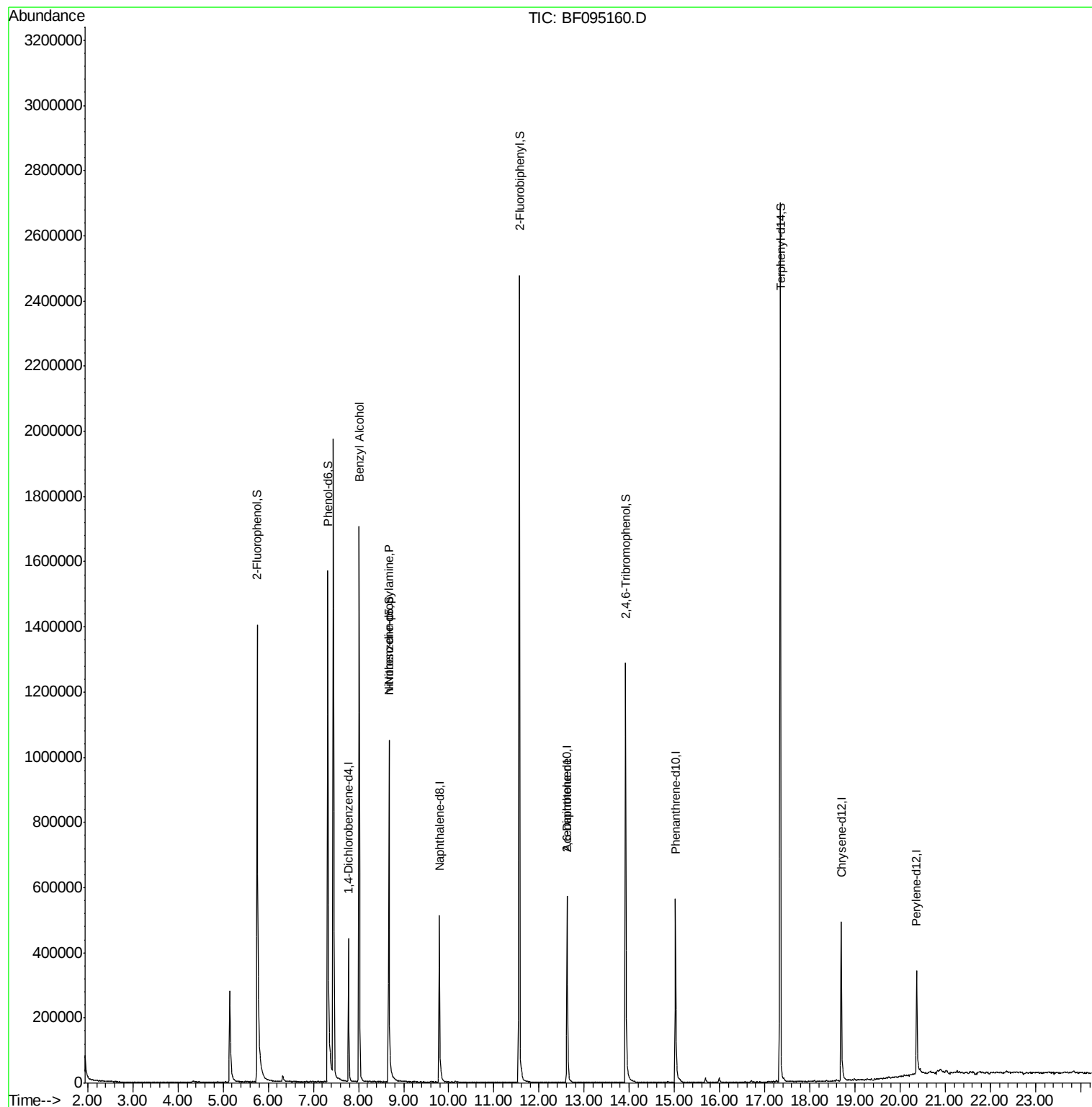
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	94410	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	388254	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	187280	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	357365	20.00	ng	0.04
75) Chrysene-d12	18.69	240	272777	20.00	ng	0.04
86) Perylene-d12	20.37	264	179726	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	791900	139.84	ng	0.08
7) Phenol-d6	7.32	99	963037	141.74	ng	0.04
23) Nitrobenzene-d5	8.68	82	556460	90.38	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	228160	148.76	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1173112	90.16	ng	0.04
78) Terphenyl-d14	17.35	244	1102276	89.00	ng	0.04
Target Compounds						
15) Benzyl Alcohol	8.01	79	9157	2.10	ng	# 45
19) n-Nitroso-di-n-propylamine	8.68	70	70422	15.33	ng	# 76
50) 2,6-Dinitrotoluene	12.62	165	17357	5.53	ng	# 31

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

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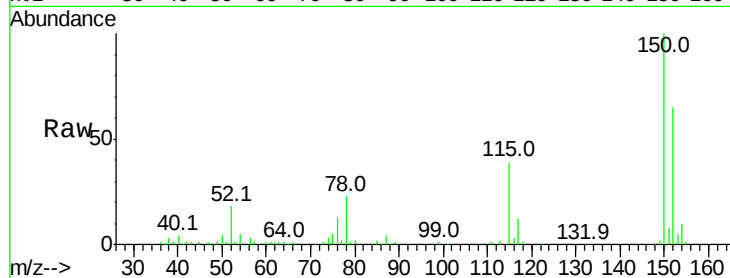


#1

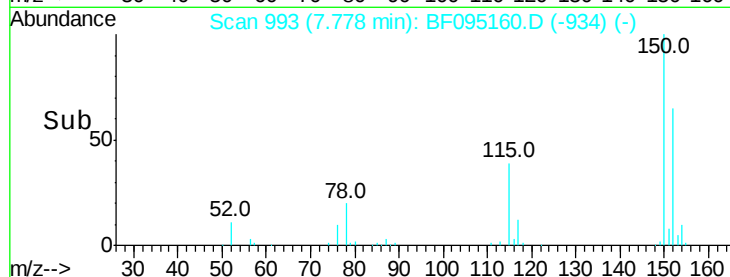
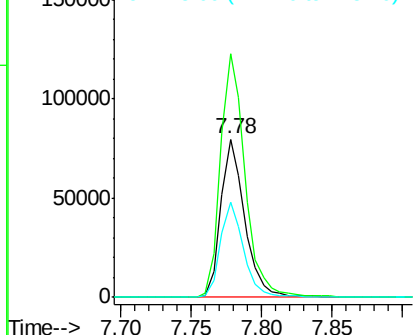
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095160.D
Acq: 16 May 2017 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94410
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 60.2 52.2 78.2



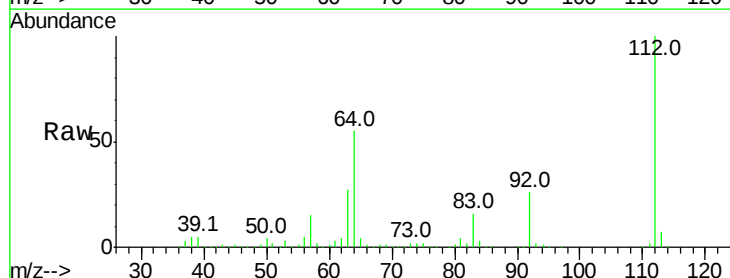
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



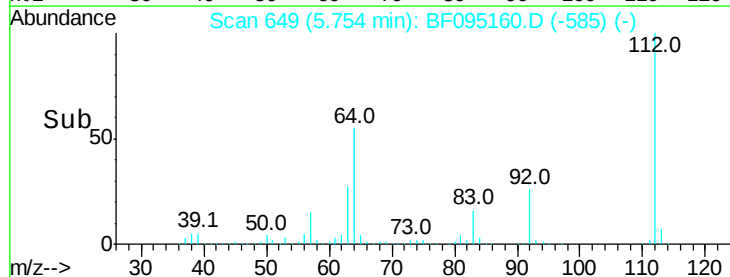
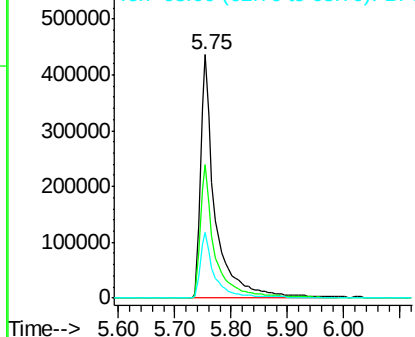
#5

2-Fluorophenol
Concen: 139.84 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.08 min
Lab File: BF095160.D
Acq: 16 May 2017 17:11

Tgt Ion:112 Resp: 791900
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.9 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: 141.74 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095160.D

Acq: 16 May 2017 17:11

Instrument :

BNA_F

ClientSampleId :

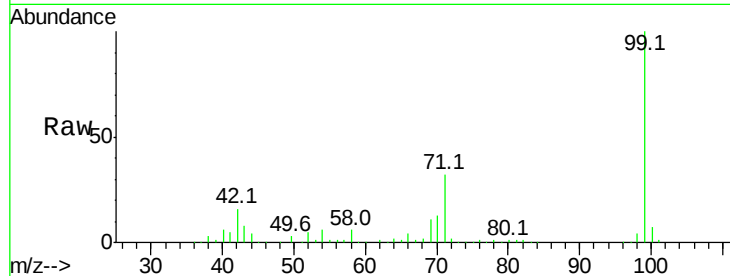
Tot Ion: 99 Resp: 963037

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

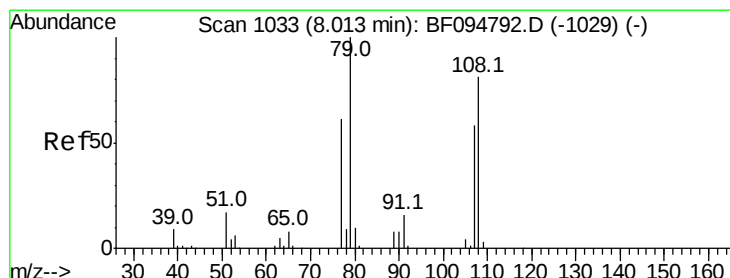
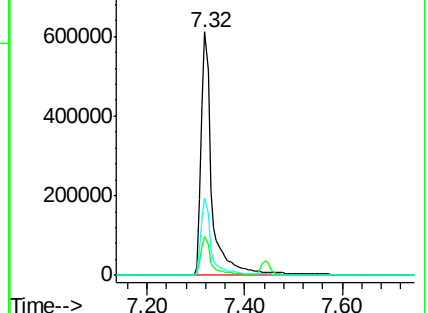
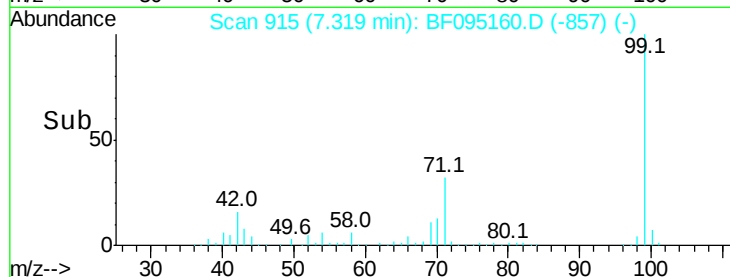
71 32.0 24.5 36.7



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: 2.10 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF095160.D

Acq: 16 May 2017 17:11

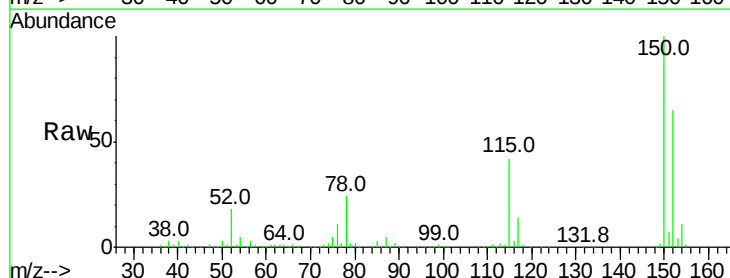
Tgt Ion: 79 Resp: 9157

Ion Ratio Lower Upper

79 100

108 29.8 63.4 95.0#

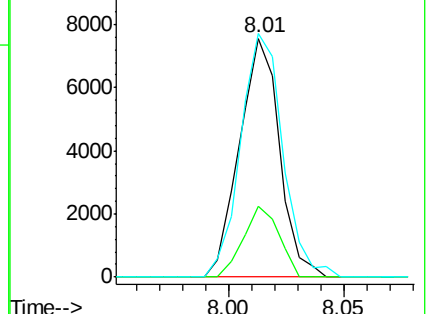
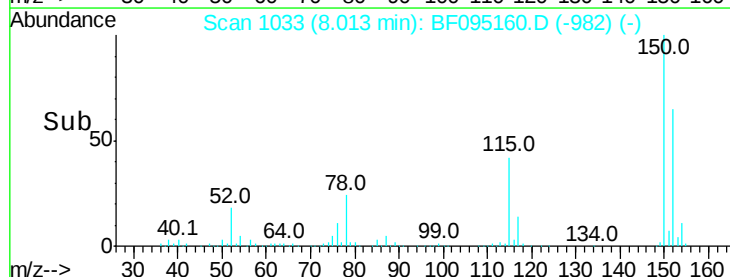
77 102.0 49.2 73.8#

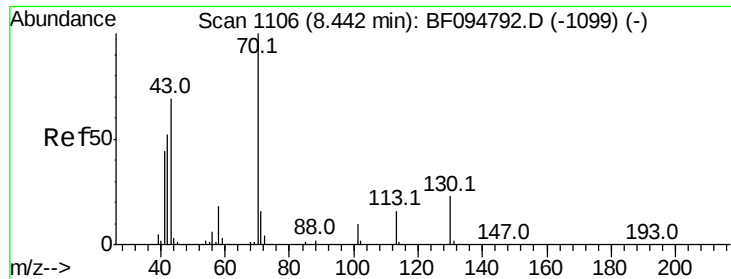


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

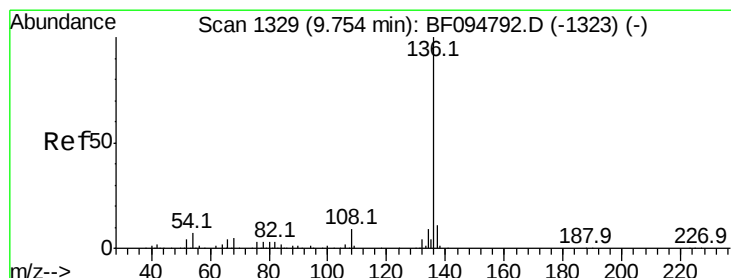
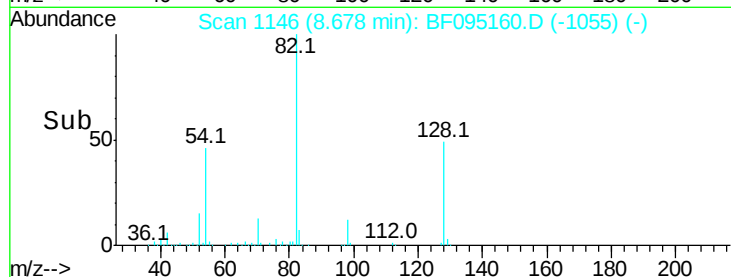
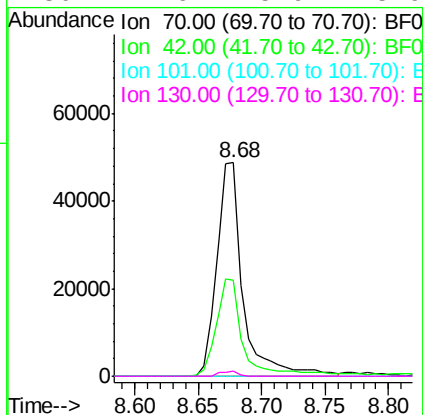
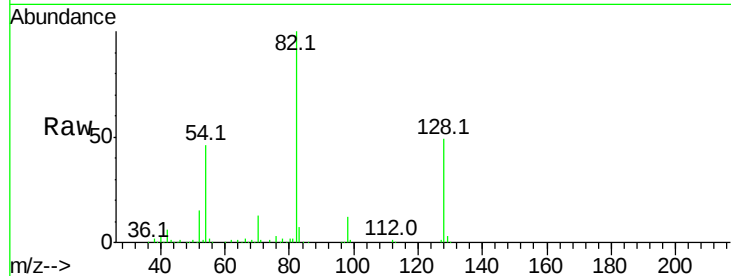




#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095160.D
Acq: 16 May 2017 17:11

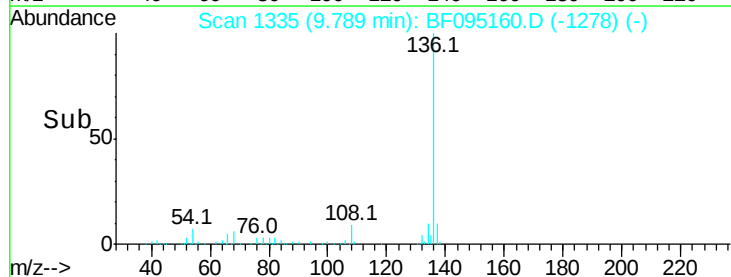
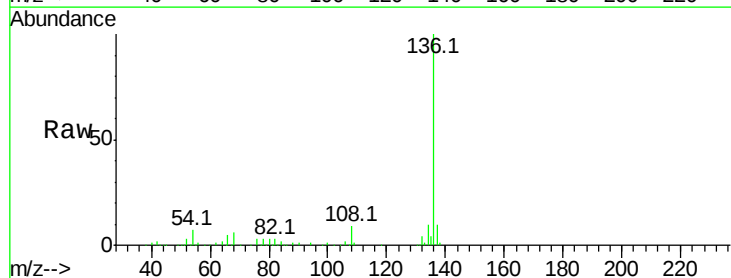
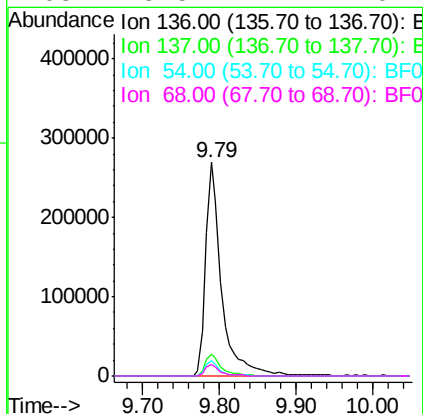
Instrument :
BNA_F
ClientSampleId :

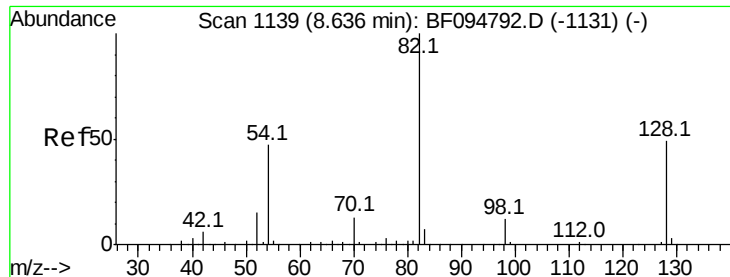
Tot Ion: 70 Resp: 70422
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095160.D
Acq: 16 May 2017 17:11

Tgt Ion:136 Resp: 388254
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 7.3 4.9 7.3
68 5.5 4.1 6.1

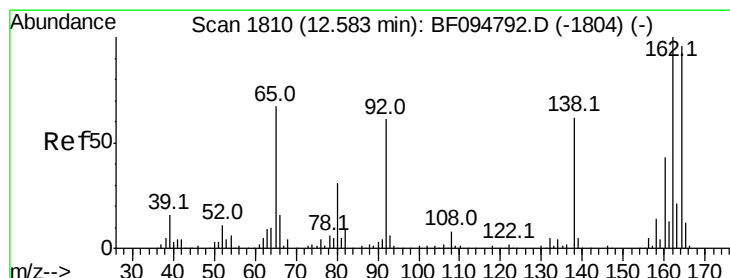
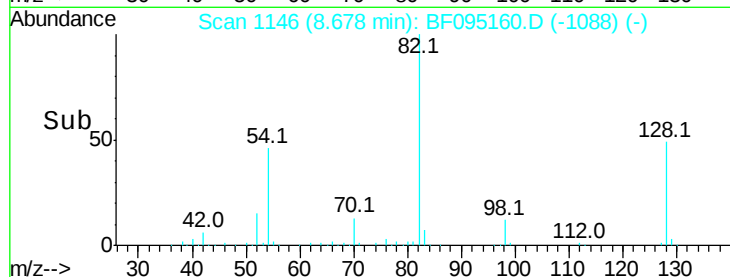
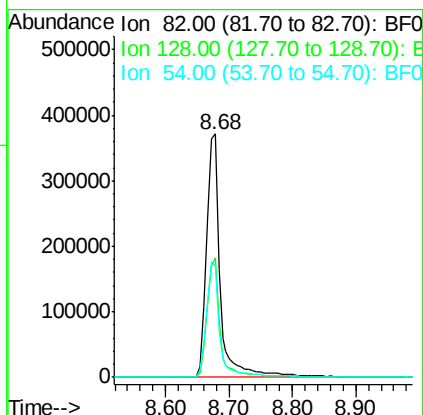
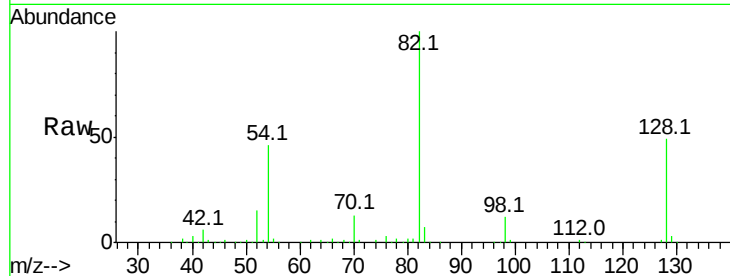




#23
 Nitrobenzene-d5
 Concen: 90.38 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

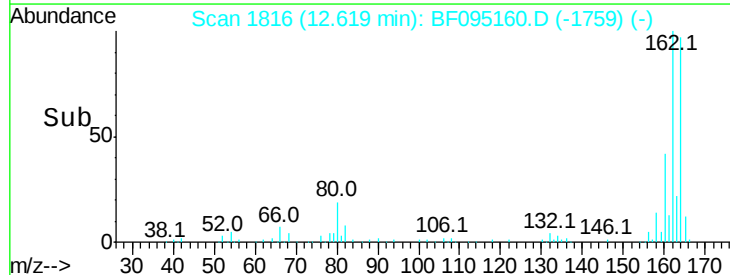
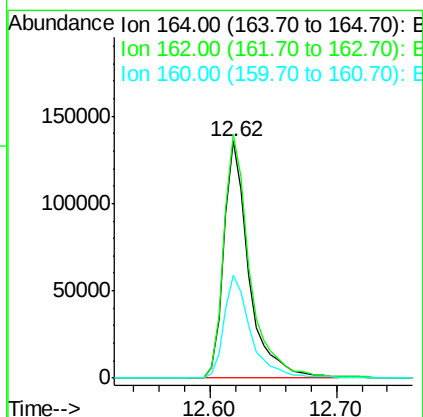
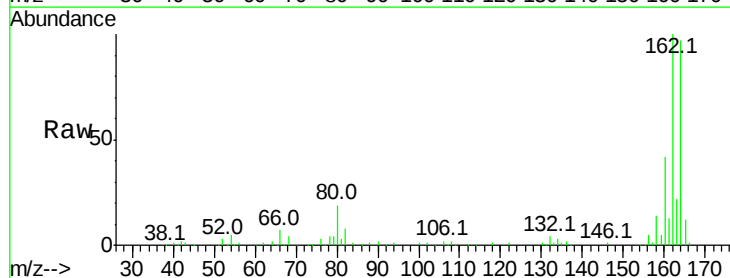
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 556460
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

Tgt Ion: 164 Resp: 187280
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 43.4 36.2 54.2

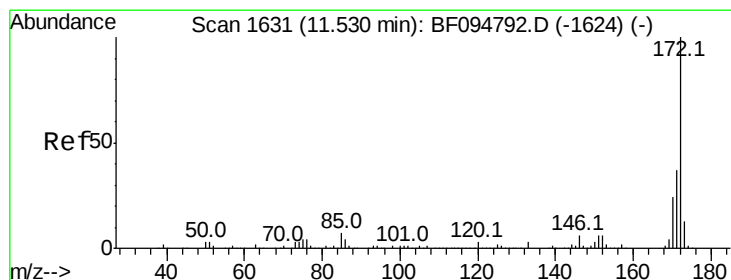
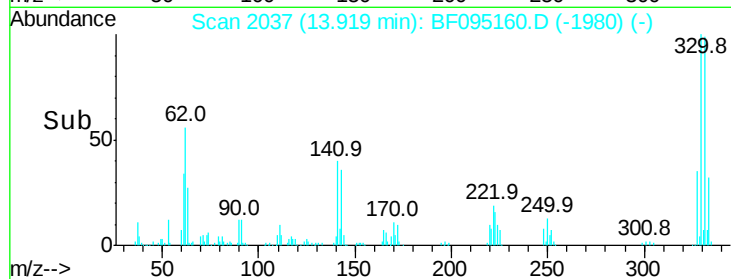
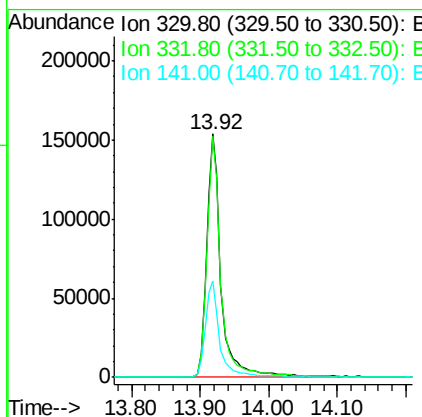
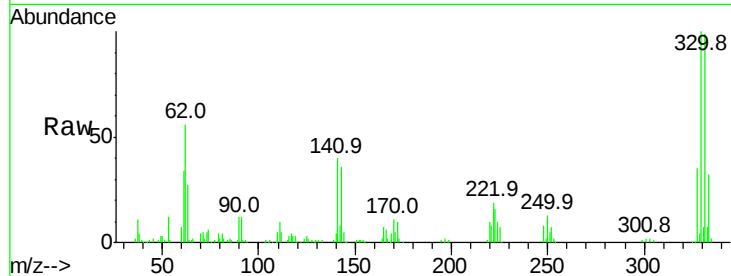




#41
 2,4,6-Tribromophenol
 Concen: 148.76 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

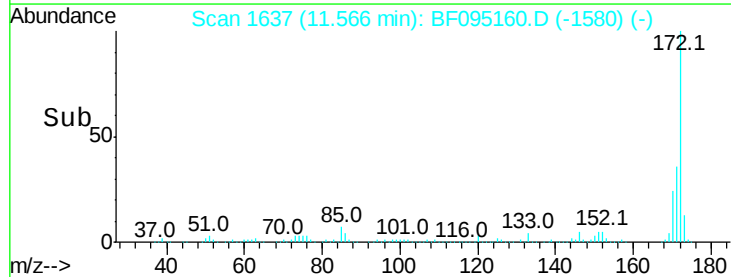
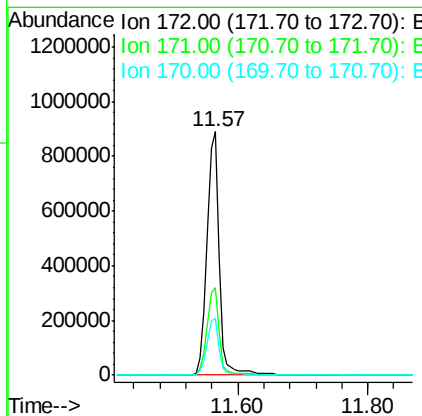
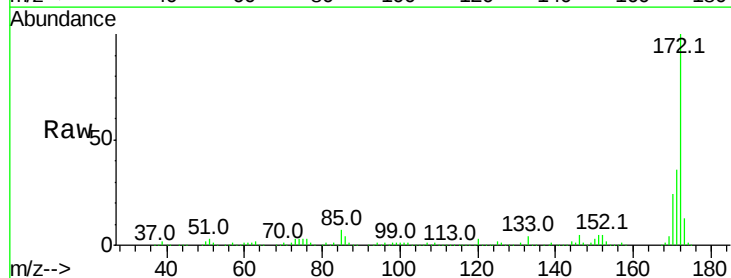
Instrument :
 BNA_F
 ClientSampleId :

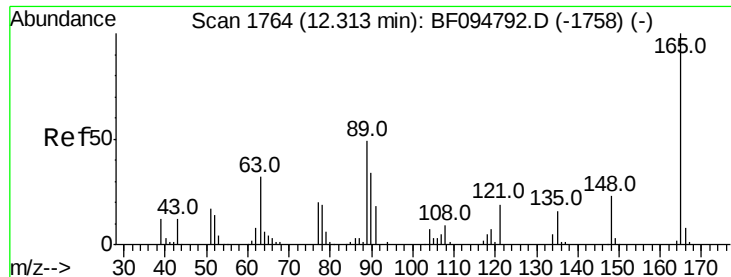
Tot Ion:330 Resp: 228160
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

Tgt Ion:172 Resp: 1173112
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 19.8 29.8

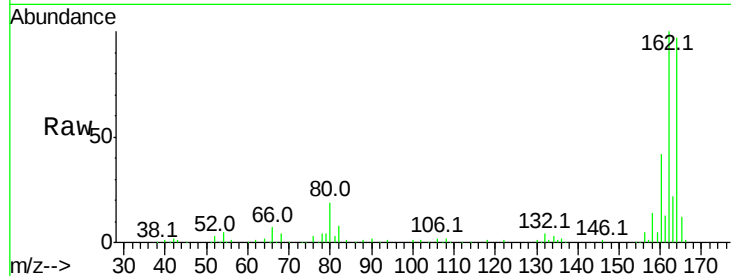




#50
 2,6-Dinitrotoluene
 Concen: 5.53 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.31 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

Instrument :
 BNA_F
 ClientSampled :

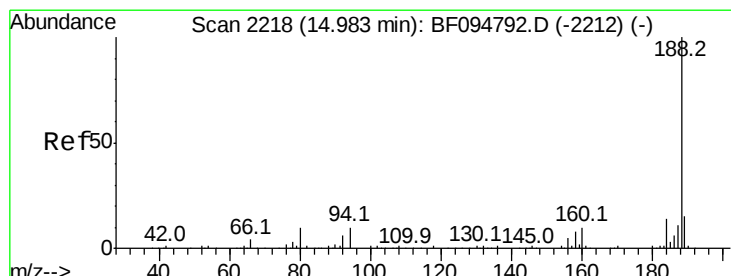
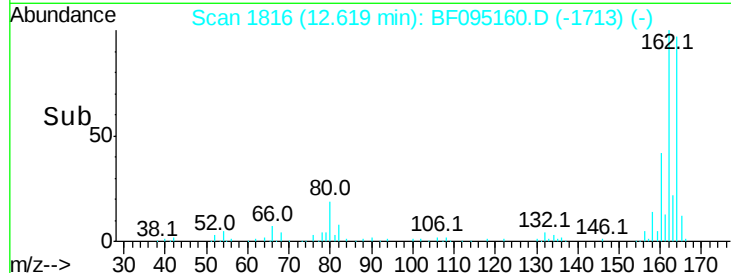
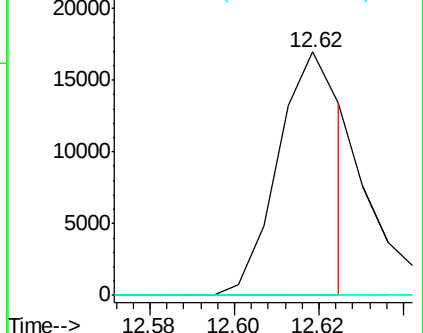
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

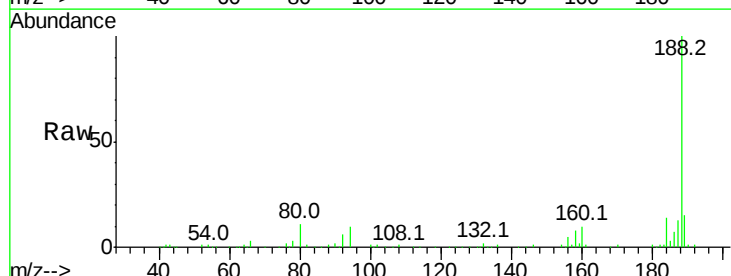
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

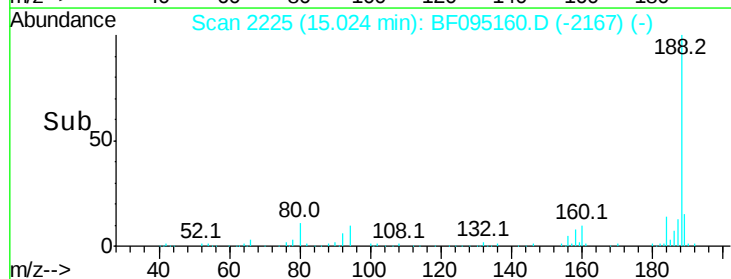
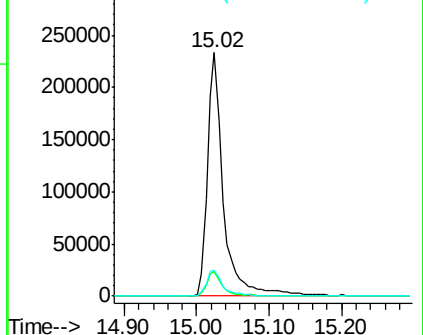
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.5	10.2	15.2



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

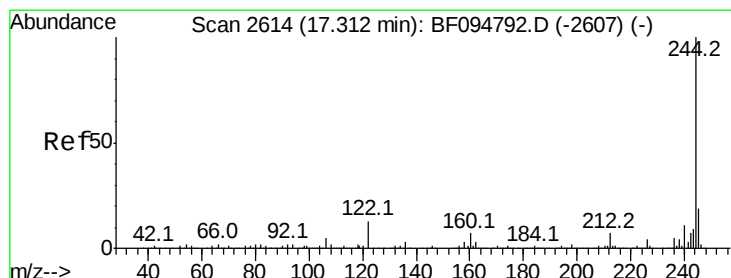
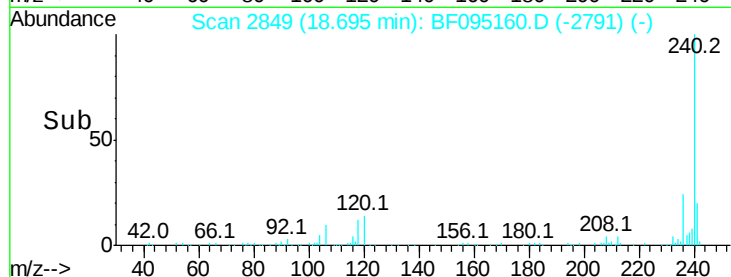
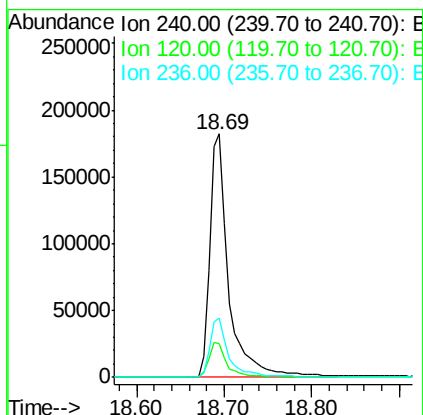
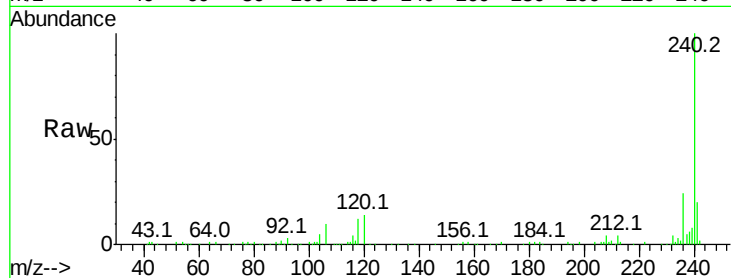




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

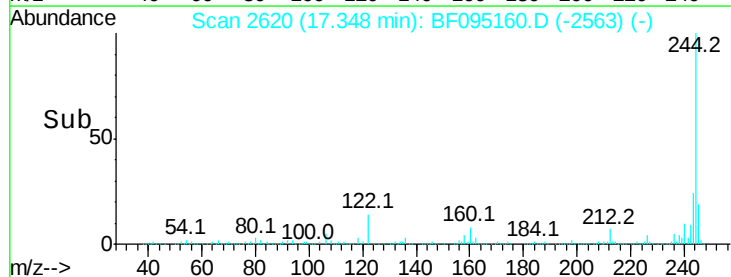
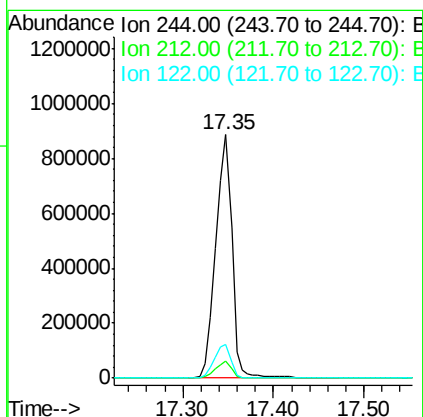
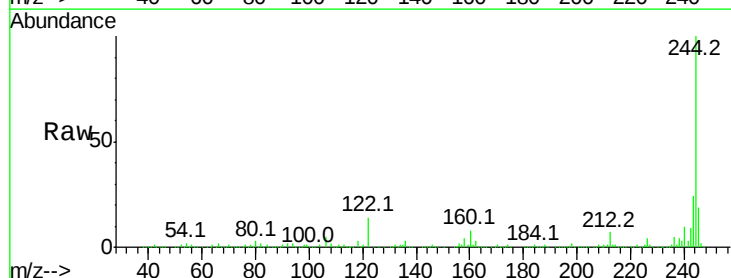
Instrument :
 BNA_F
 ClientSampleID :

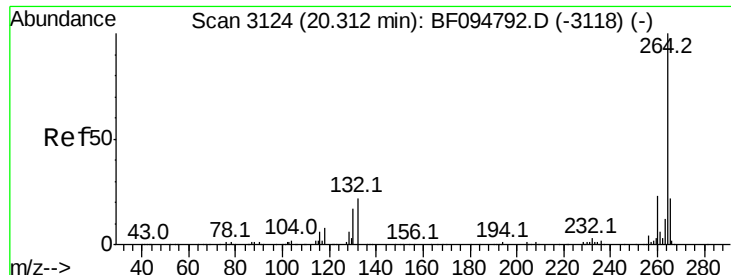
Tot Ion:240 Resp: 272777
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 89.00 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

Tgt Ion:244 Resp: 1102276
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.7 10.3 15.5

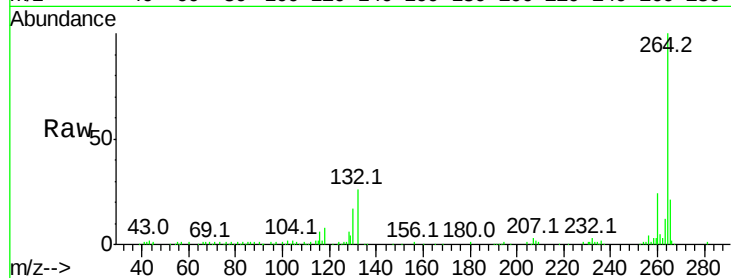




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095160.D
 Acq: 16 May 2017 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.7	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

