

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095325.D
 Acq On : 22 May 2017 21:06
 Operator : SJ/MA
 Sample : I3261-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

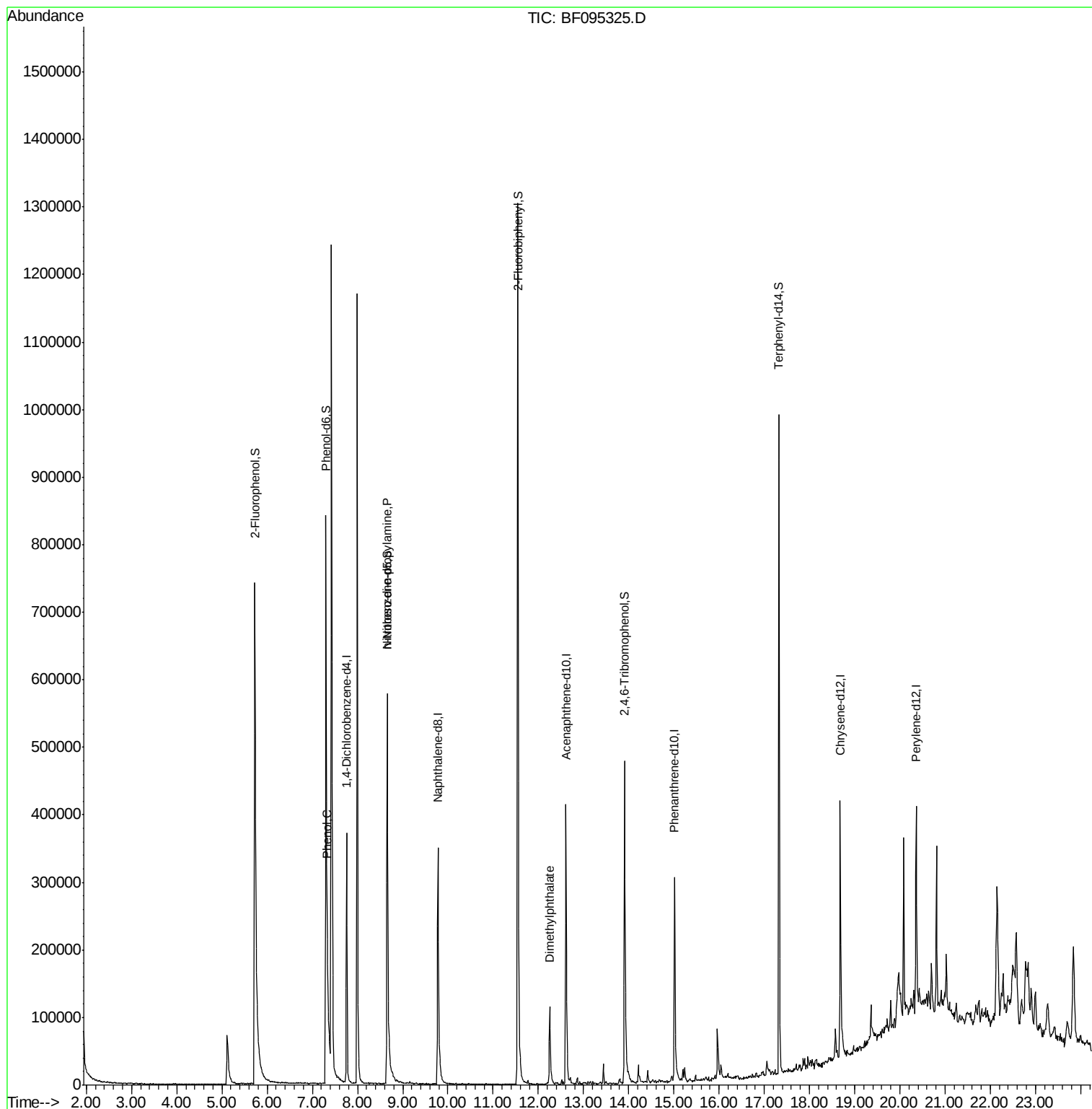
Quant Time: May 23 01:21:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	84992	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	340594	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	150927	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	211977	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	186776	20.00	ng	-0.01
86) Perylene-d12	20.36	264	151521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	563016	110.44	ng	-0.01
7) Phenol-d6	7.30	99	686622	112.25	ng	-0.01
23) Nitrobenzene-d5	8.66	82	385867	71.44	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	106757	86.37	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	731834	69.79	ng	-0.01
78) Terphenyl-d14	17.32	244	406599	47.95	ng	-0.02
Target Compounds						
10) Phenol	7.33	94	15076	2.34	ng	# 55
19) n-Nitroso-di-n-propylamine	8.66	70	46128	11.15	ng	# 74
49) Dimethylphthalate	12.25	163	102035	8.24	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :

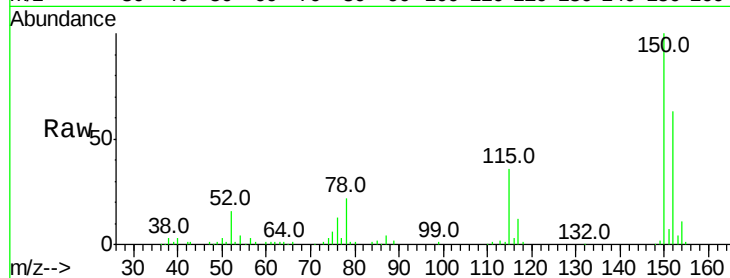
Tot Ion:152 Resp: 84992

Ion Ratio Lower Upper

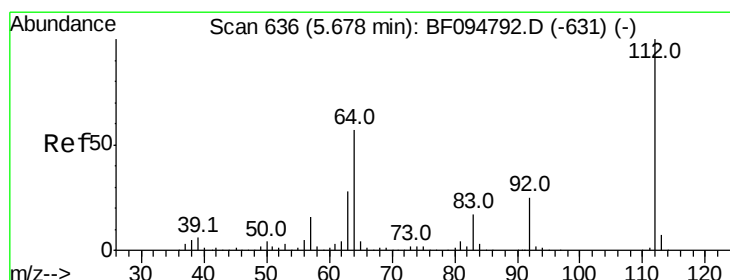
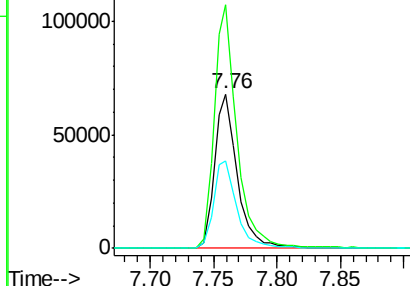
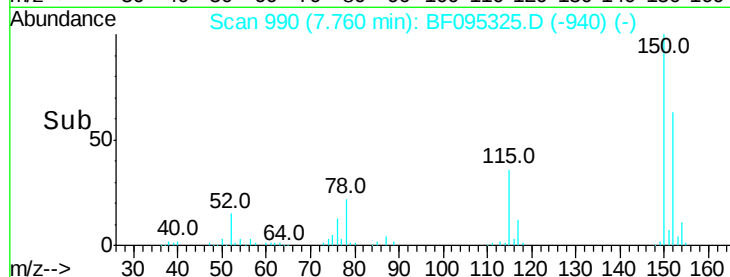
152 100

150 157.6 126.2 189.2

115 56.6 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: 110.44 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

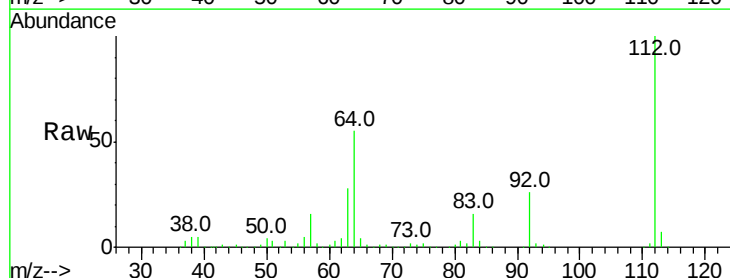
Tgt Ion:112 Resp: 563016

Ion Ratio Lower Upper

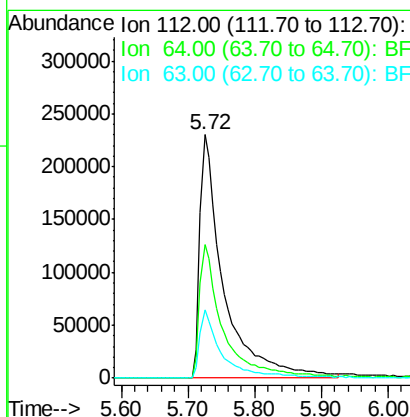
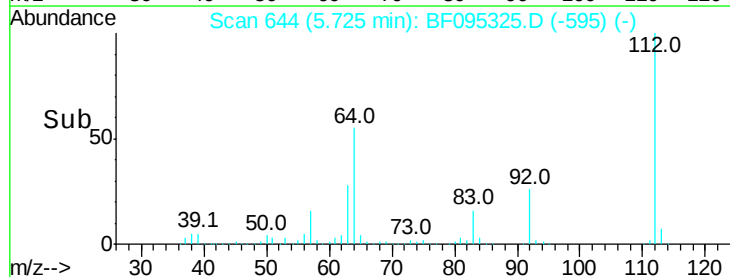
112 100

64 54.8 46.0 69.0

63 27.9 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: 112.25 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Instrument :

BNA_F

ClientSampled :

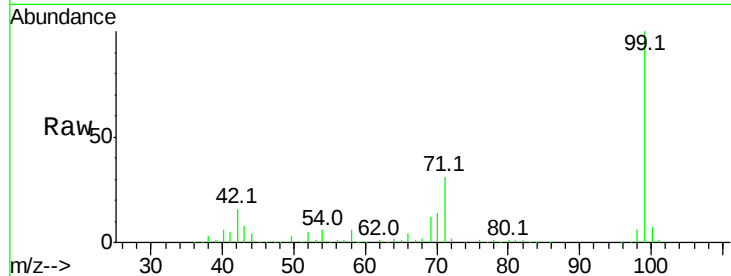
Tot Ion: 99 Resp: 686622

Ion Ratio Lower Upper

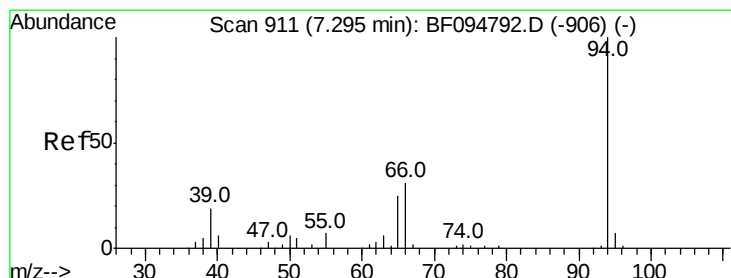
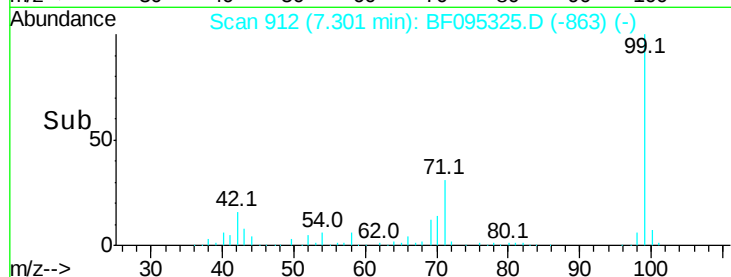
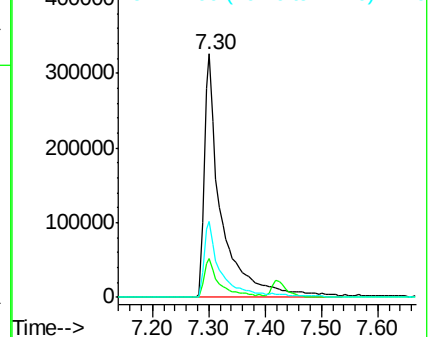
99 100

42 15.8 13.5 20.3

71 31.1 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



#10

Phenol

Concen: 2.34 ng

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

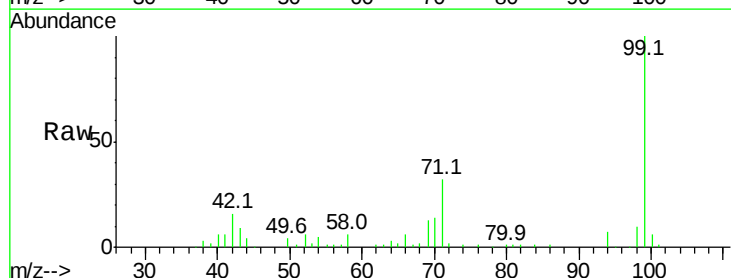
Tgt Ion: 94 Resp: 15076

Ion Ratio Lower Upper

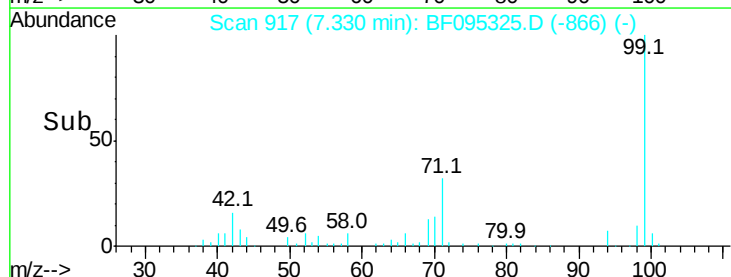
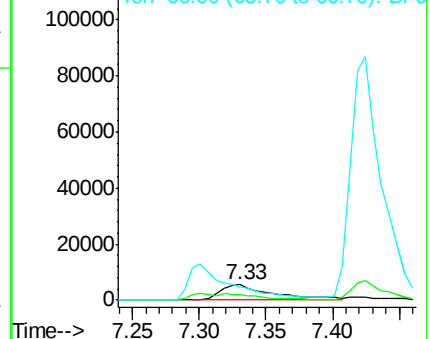
94 100

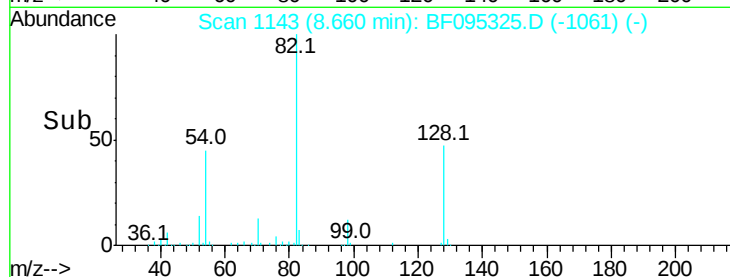
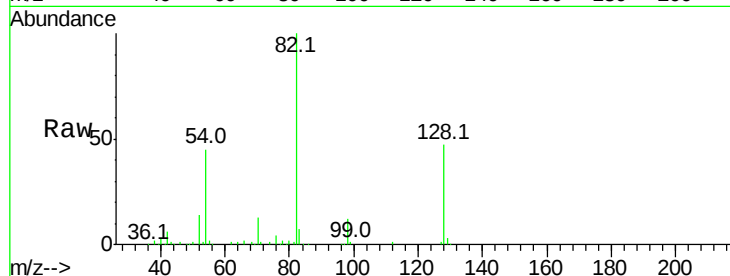
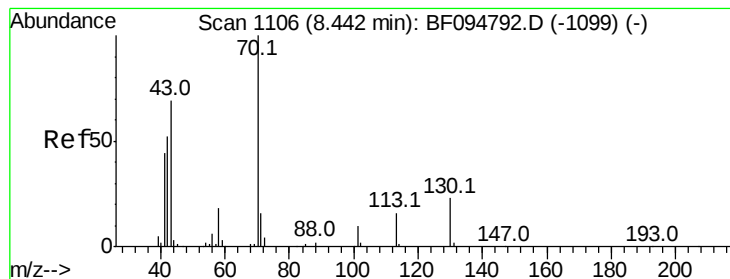
65 32.9 9.9 49.9

66 88.9 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.15 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 46128

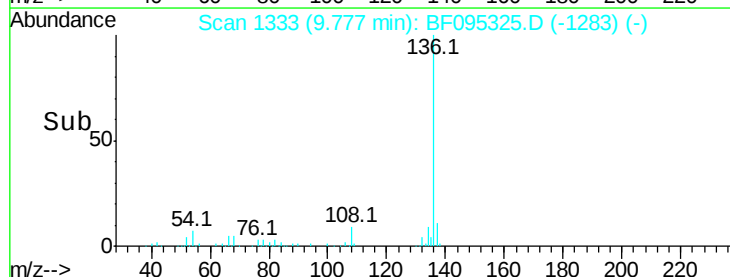
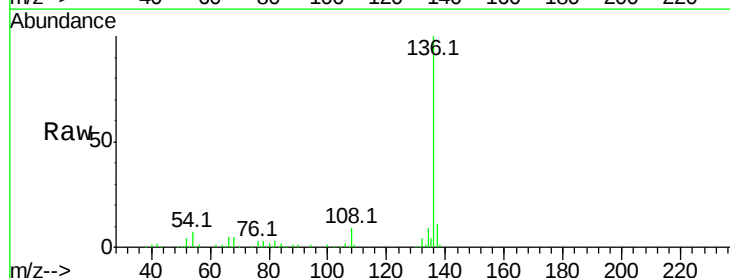
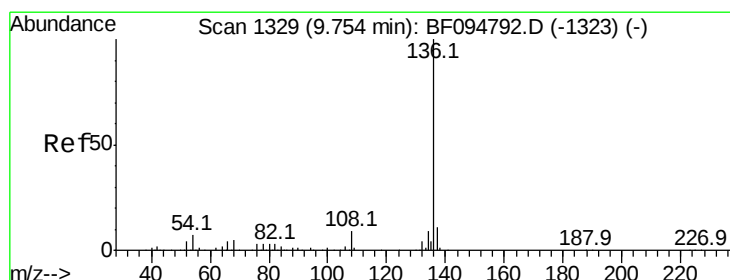
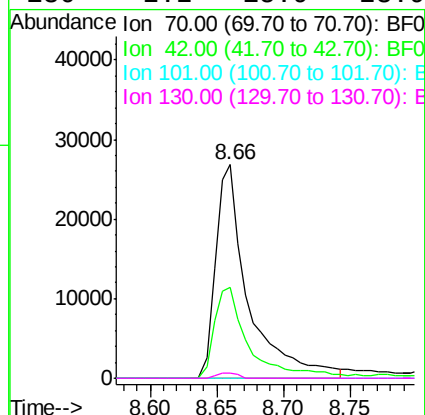
Ion Ratio Lower Upper

70 100

42 42.6 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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Tgt Ion:136 Resp: 340594

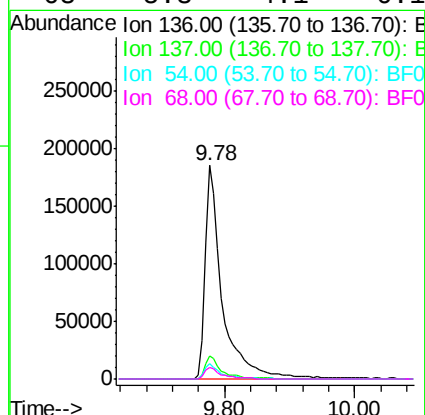
Ion Ratio Lower Upper

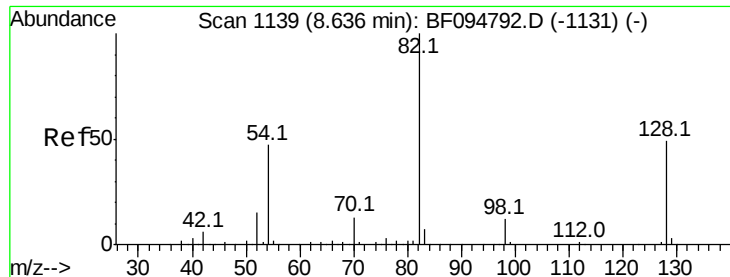
136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.3 4.1 6.1

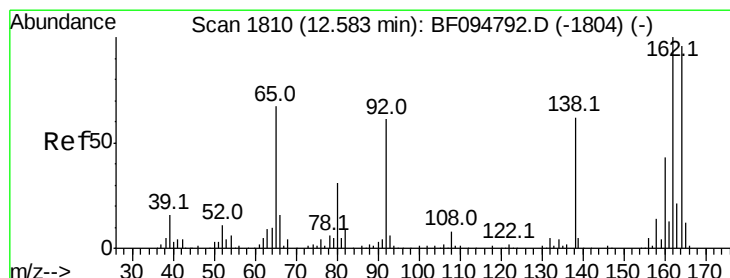
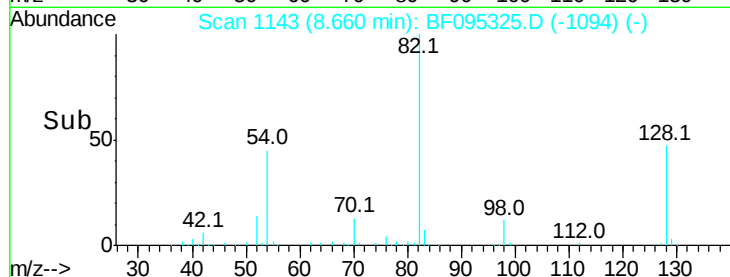
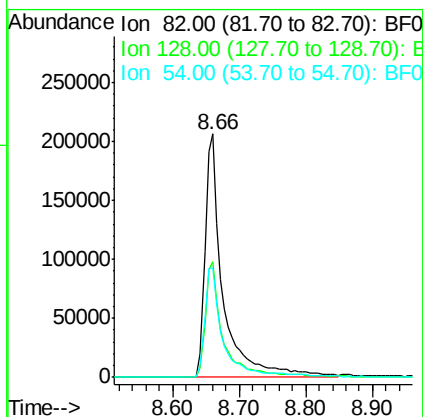
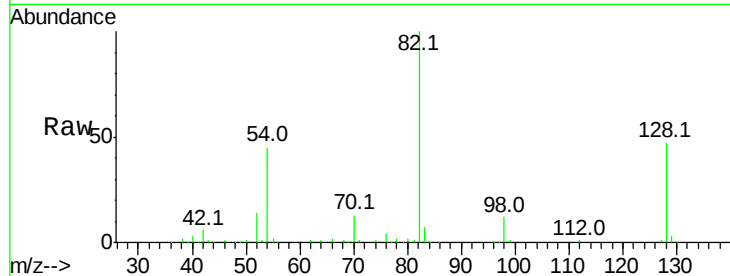




#23
 Nitrobenzene-d5
 Concen: 71.44 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095325.D
 Acq: 22 May 2017 21:06

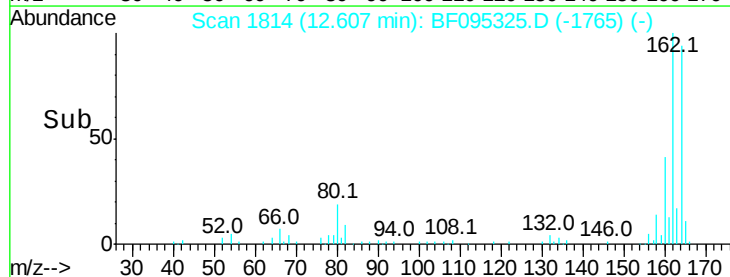
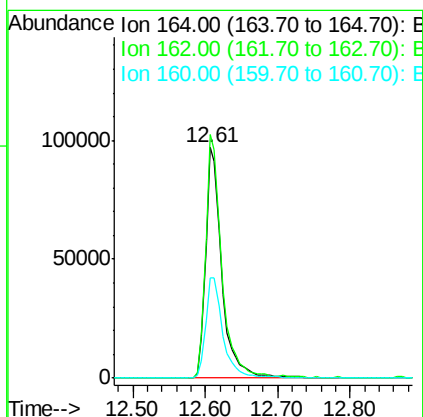
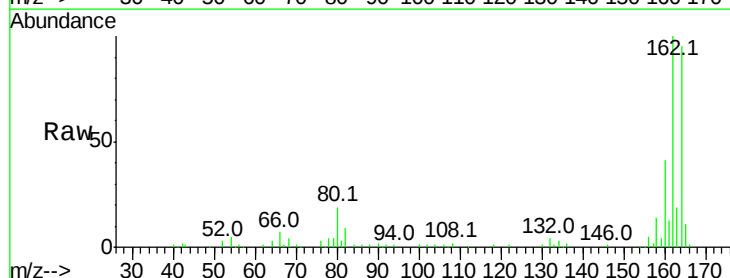
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	385867
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	45.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095325.D
 Acq: 22 May 2017 21:06

Tgt Ion	164	Resp	150927
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.6	123.8
160	43.4	36.2	54.2

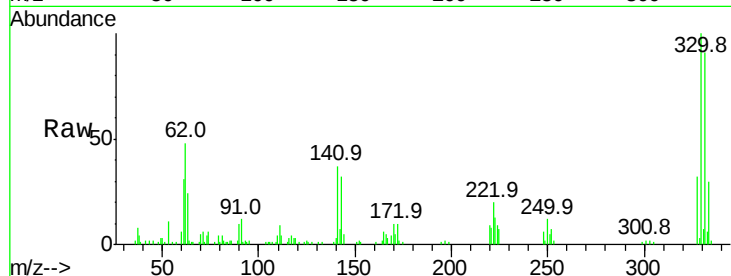




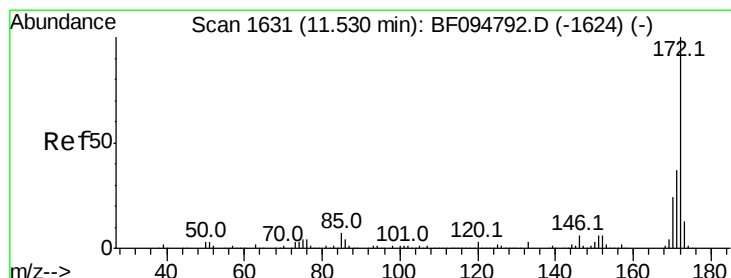
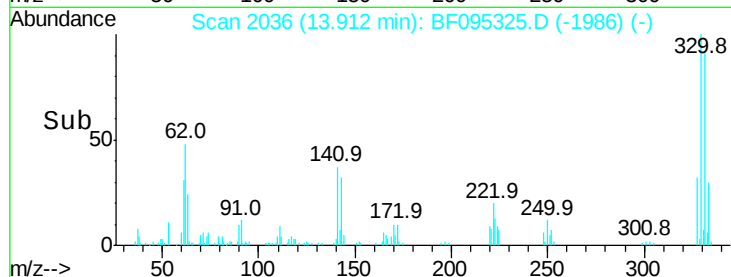
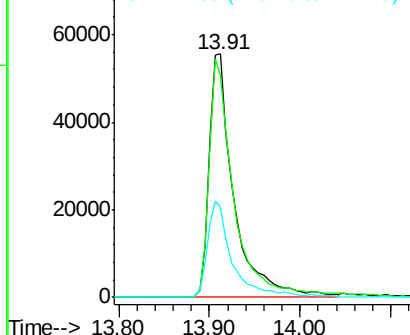
#41
 2,4,6-Tribromophenol
 Concen: 86.37 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095325.D
 Acq: 22 May 2017 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	38.8	31.4	47.2

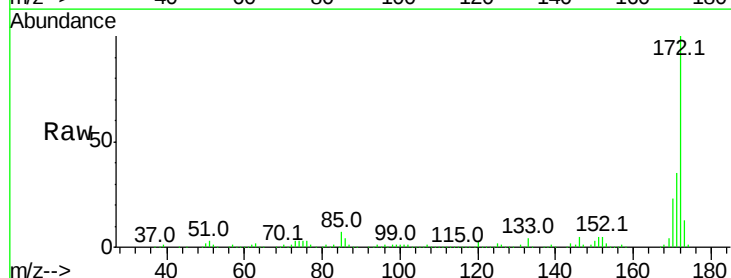


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

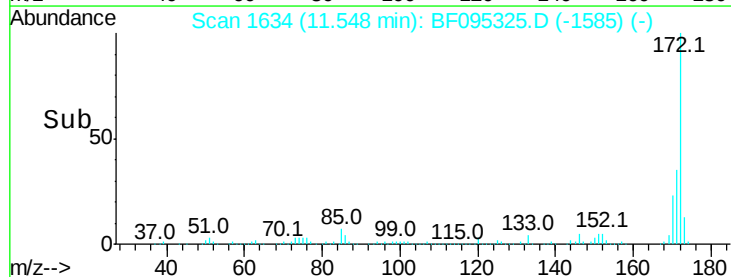
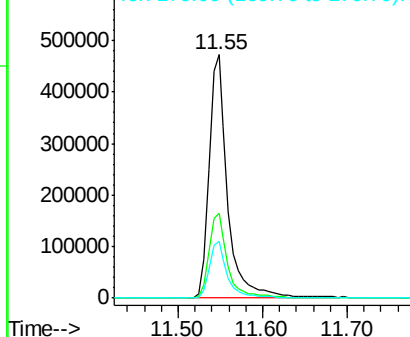


#44
 2-Fluorobiphenyl
 Concen: 69.79 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095325.D
 Acq: 22 May 2017 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.2	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





#49

Dimethylphthalate

Concen: 8.24 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

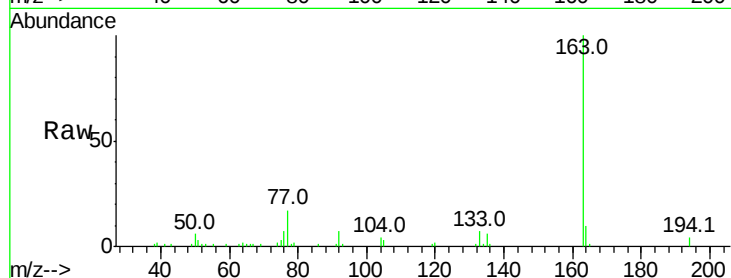
Tot Ion:163 Resp: 102035

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

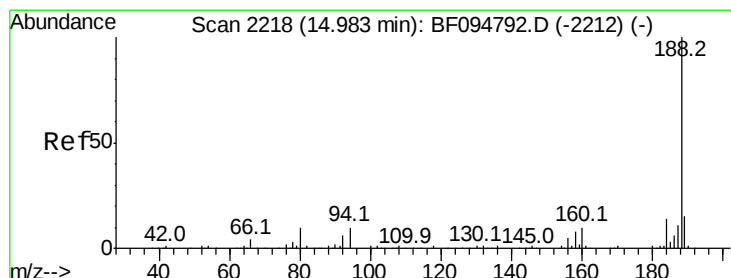
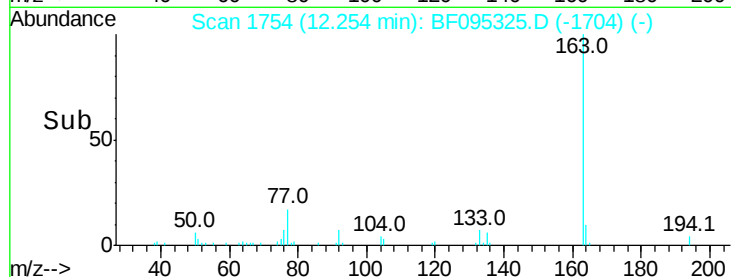
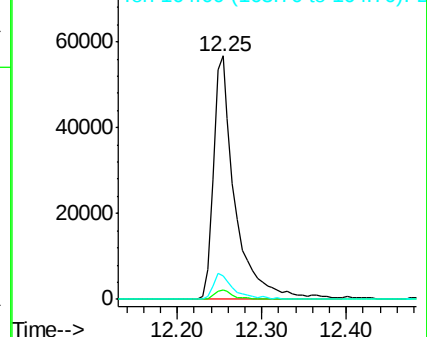
164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

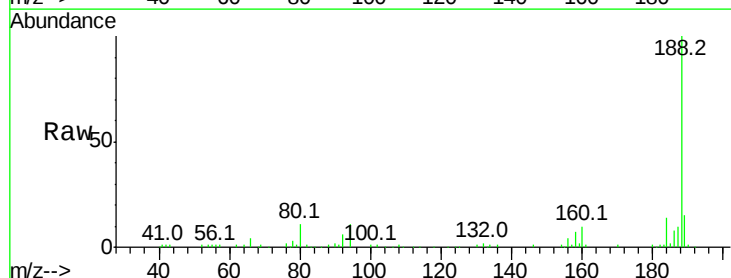
Tgt Ion:188 Resp: 211977

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

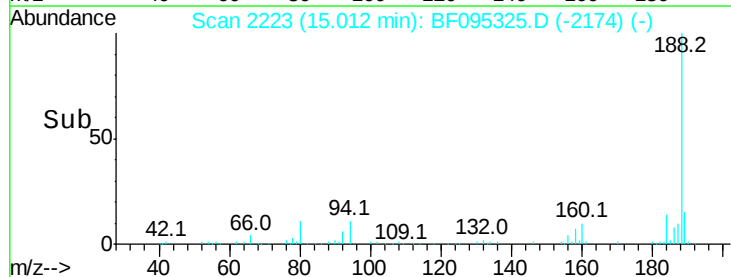
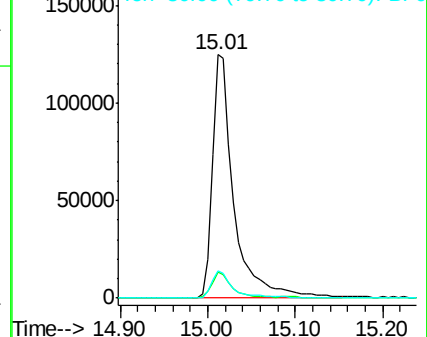
80 11.1 10.2 15.2

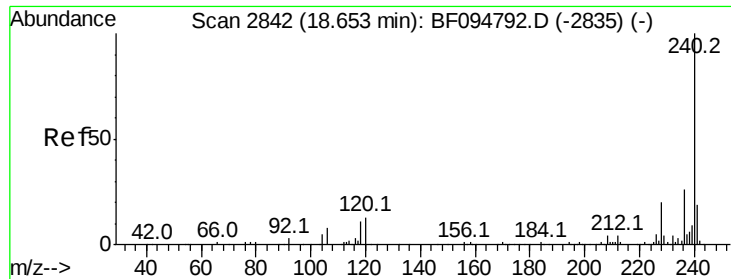


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

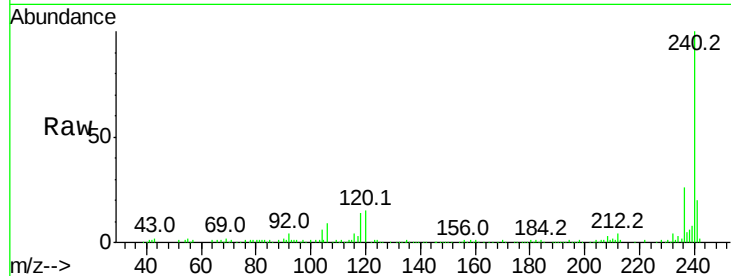
Tot Ion:240 Resp: 186776

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

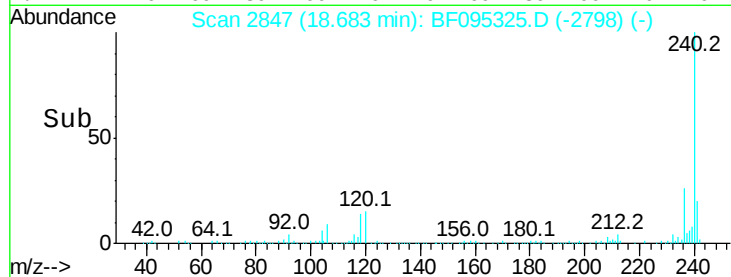
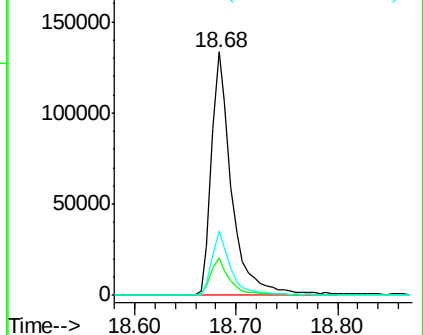
236 26.2 20.5 30.7



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: 47.95 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095325.D

Acq: 22 May 2017 21:06

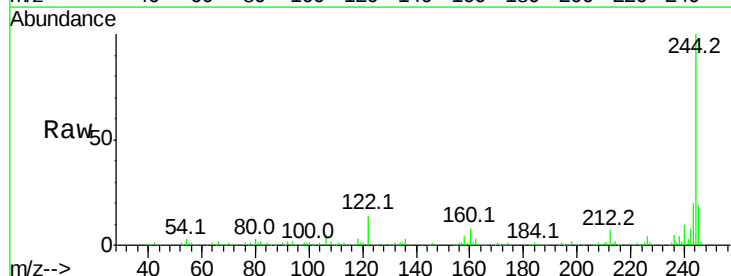
Tgt Ion:244 Resp: 406599

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

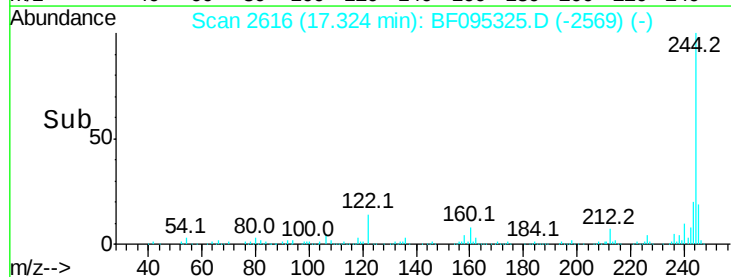
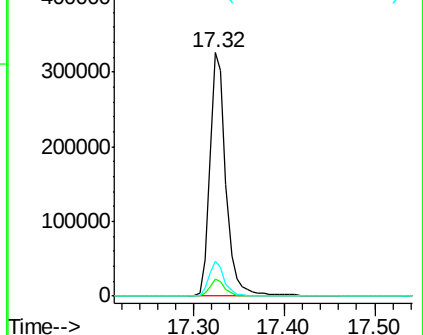
122 14.2 10.3 15.5

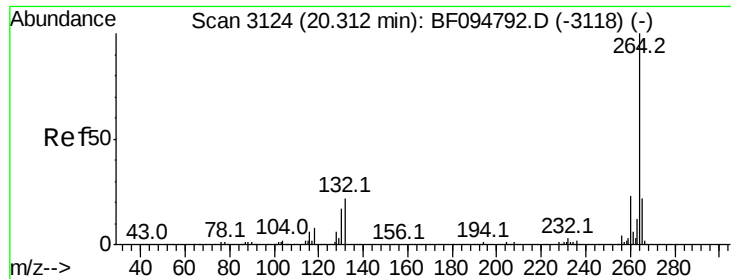


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

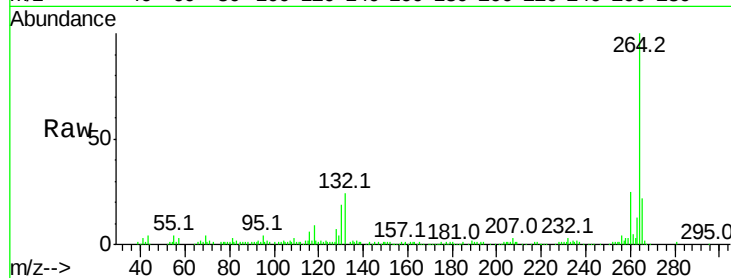




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095325.D
 Acq: 22 May 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

