

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097792.D
 Acq On : 17 Aug 2017 18:06
 Operator : SJ/JU
 Sample : I4798-04 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

Quant Time: Aug 18 01:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

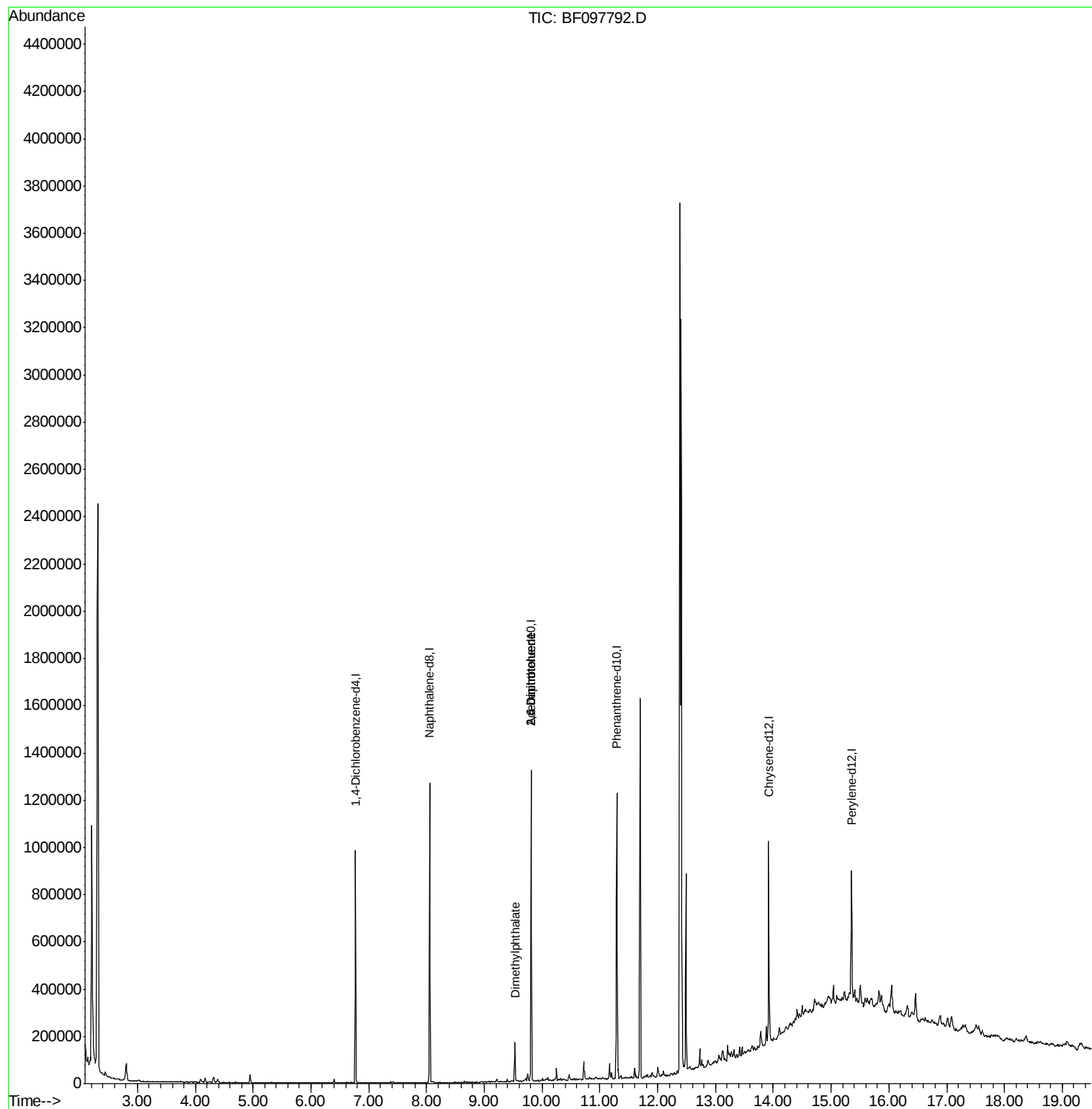
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	134522	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	504715	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	214662	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	373906	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	287053	20.00	ng	-0.02
86) Perylene-d12	15.36	264	252111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.87	244	2118	0.15	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.53	163	50734	3.23	ng	99
50) 2,6-Dinitrotoluene	9.81	165	27696	8.84	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	27696	7.05	ng	# 33

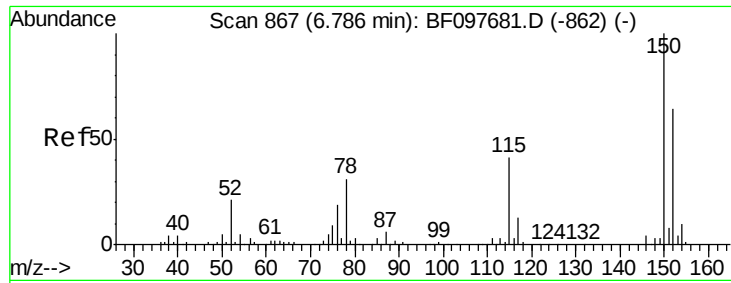
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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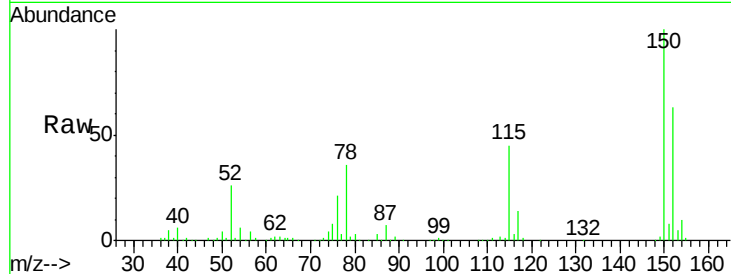


#1

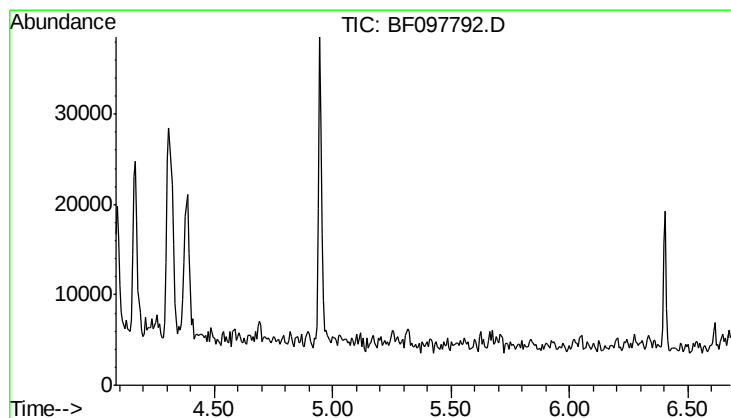
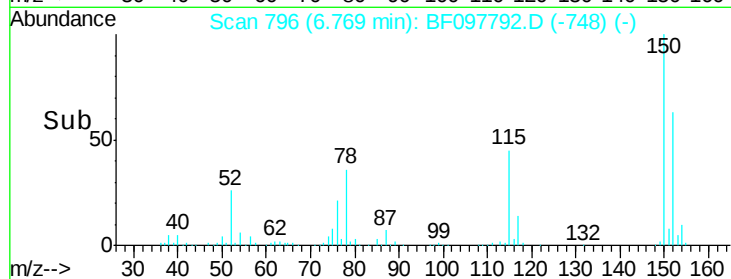
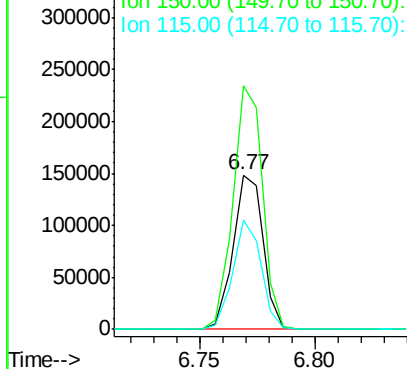
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097792.D
Acq: 17 Aug 2017 18:06

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

Tot Ion:152 Resp: 134522
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 70.5 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

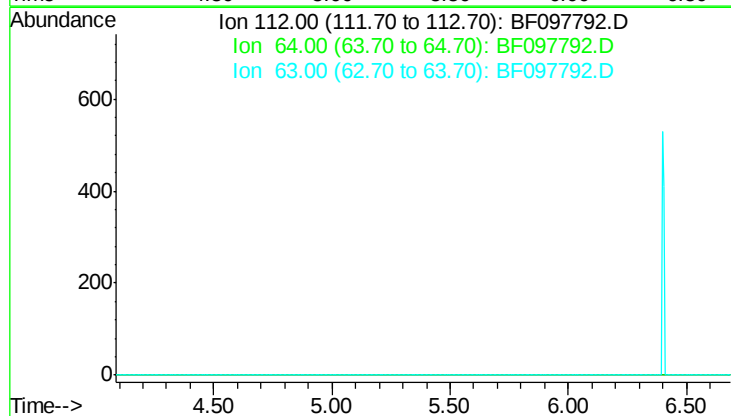


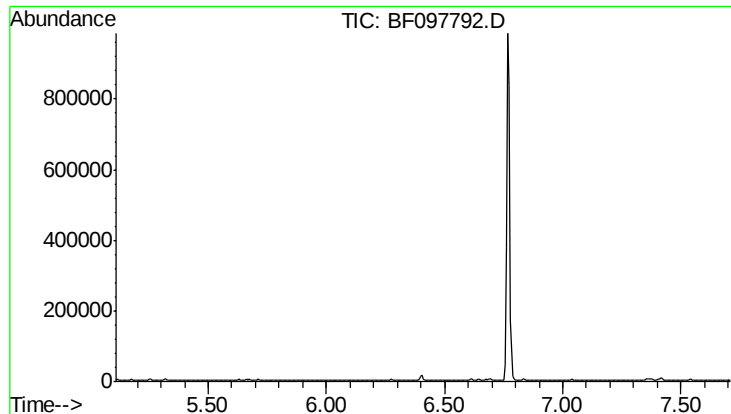
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.39 min

Lab File: BF097792.D
Acq: 17 Aug 2017 18:06

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.5
63 29.2

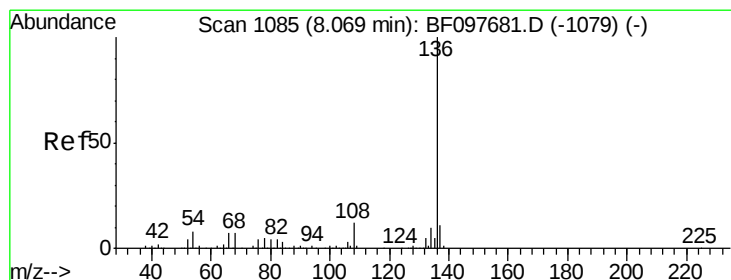
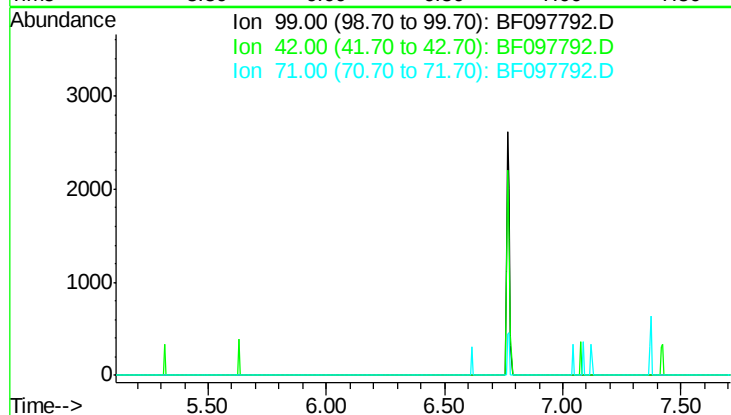




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.41 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

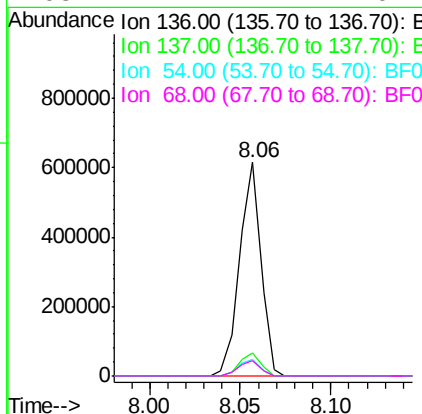
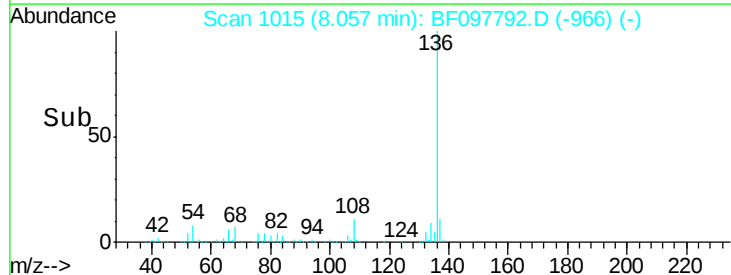
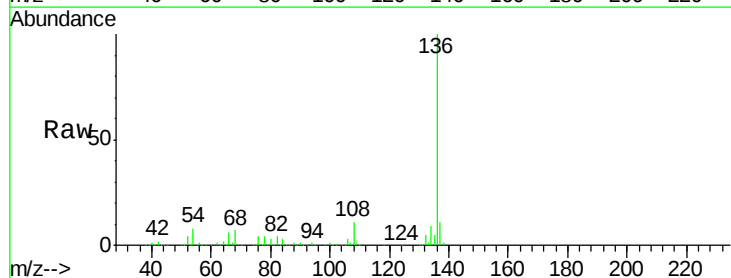
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

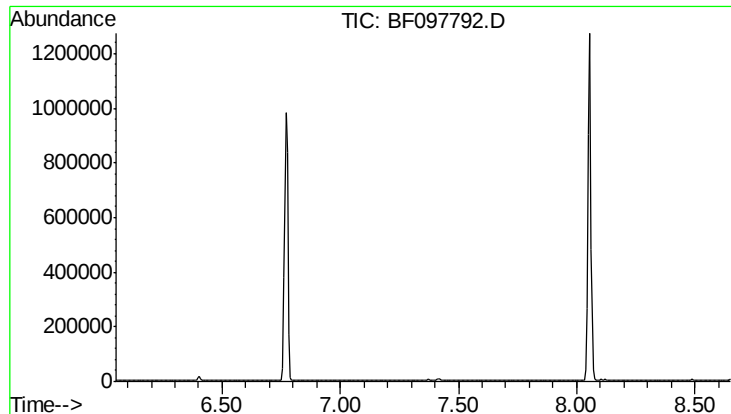
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

Tgt Ion: 136 Resp: 504715
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 7.5 4.9 7.3#
 68 7.2 4.1 6.1#

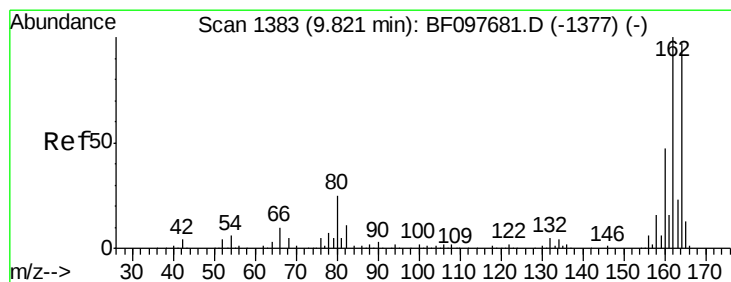
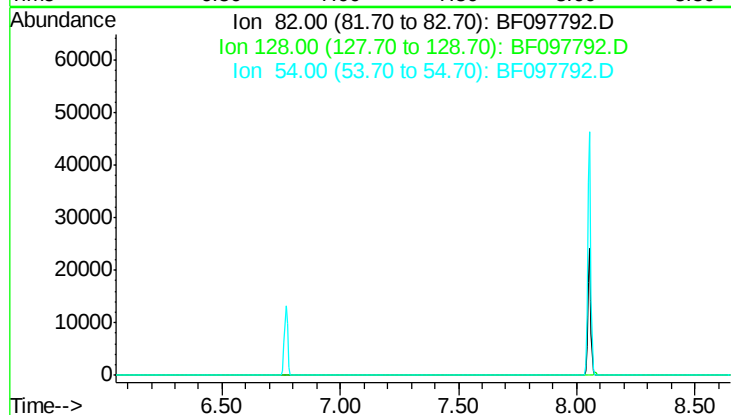




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.35 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

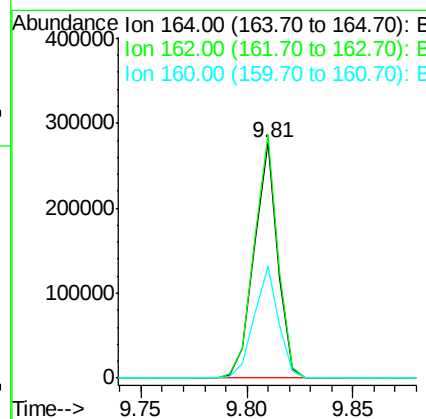
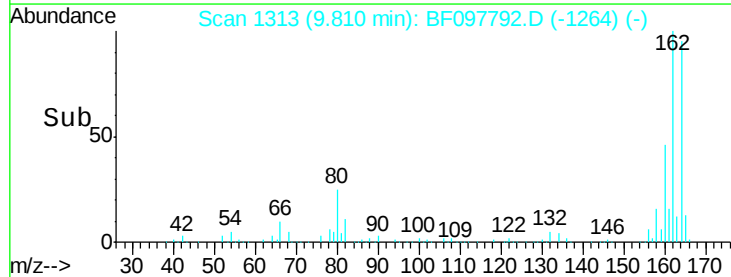
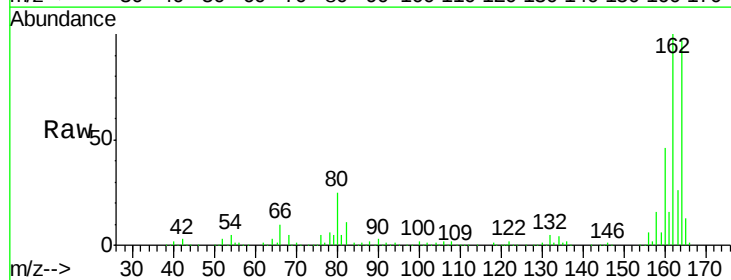
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

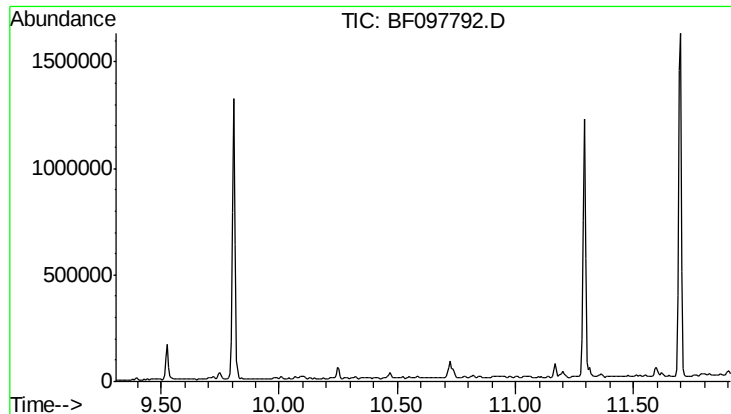
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 42.5
 54 52.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

Tgt Ion: 164 Resp: 214662
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 47.2 36.2 54.2

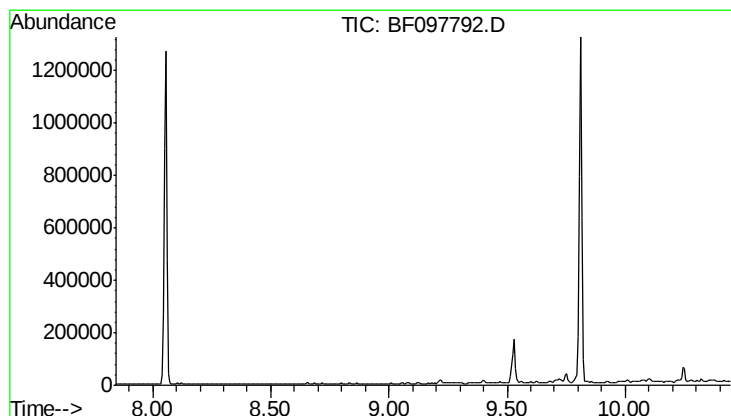
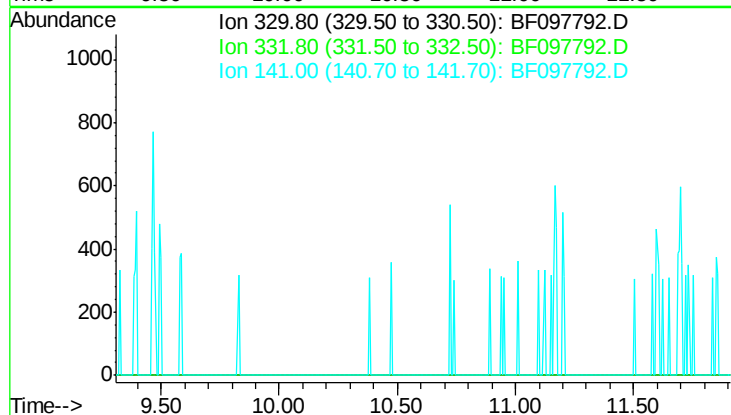




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

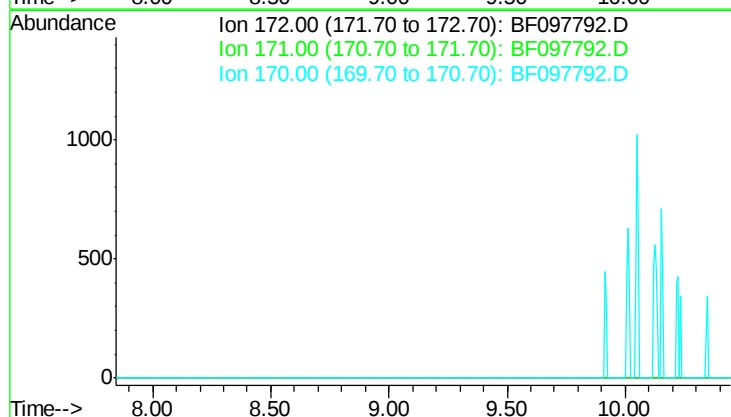
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

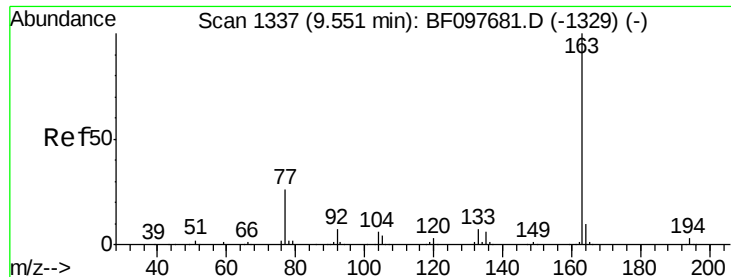
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.15 min
 Lab File: BF097792.D
 Acq: 17 Aug 2017 18:06

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.0
 170 24.8

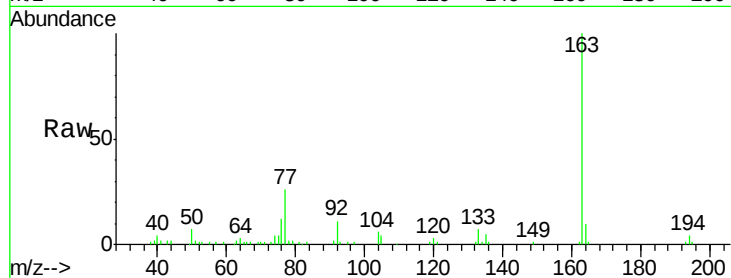




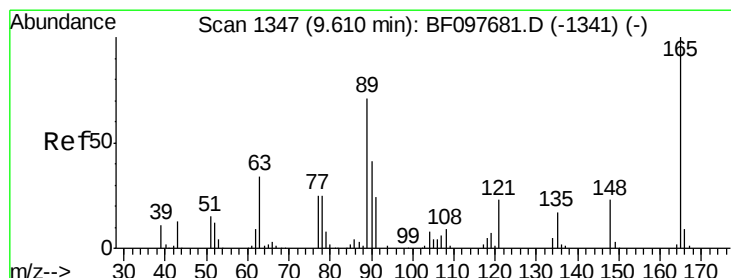
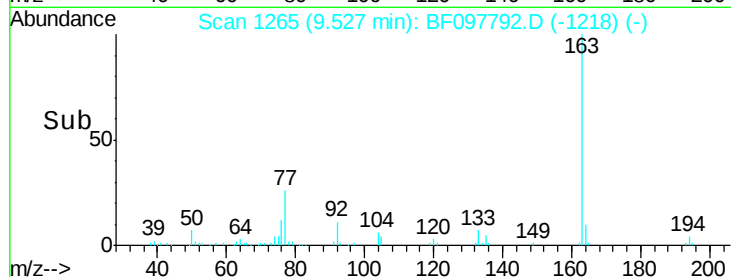
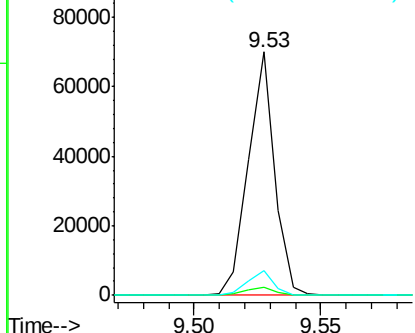
#49
Dimethylphthalate
Concen: 3.23 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097792.D
Acq: 17 Aug 2017 18:06

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

Tot Ion:163 Resp: 50734
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

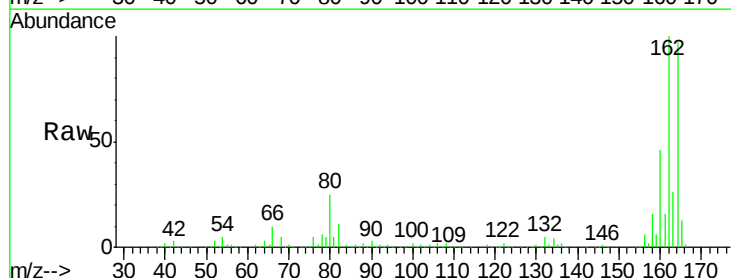


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

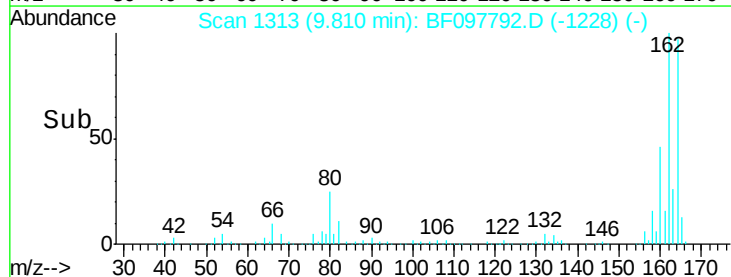
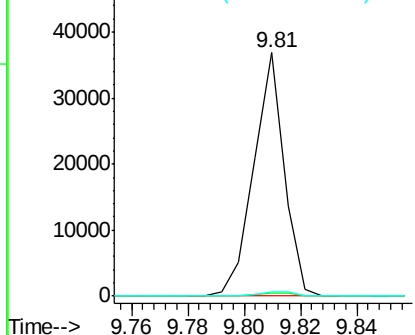


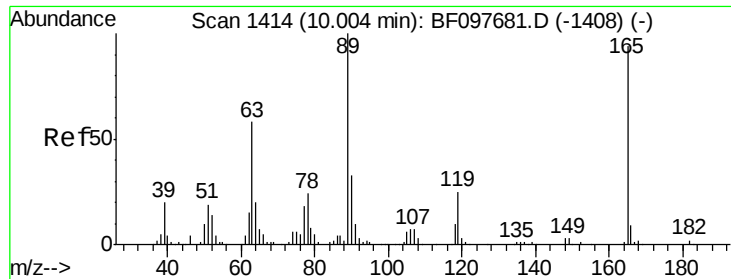
#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF097792.D
Acq: 17 Aug 2017 18:06

Tgt Ion:165 Resp: 27696
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.8 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





#56

2,4-Dinitrotoluene

Concen: 7.05 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF097792.D

Acq: 17 Aug 2017 18:06

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

Tot Ion:165 Resp: 27696

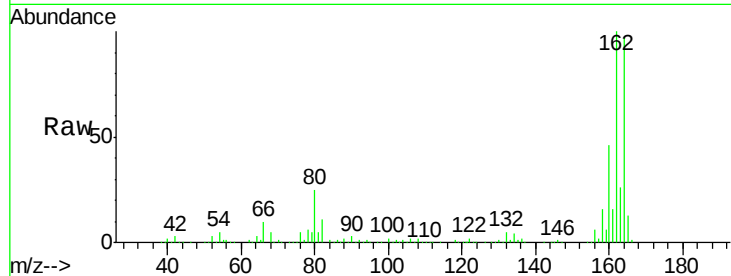
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

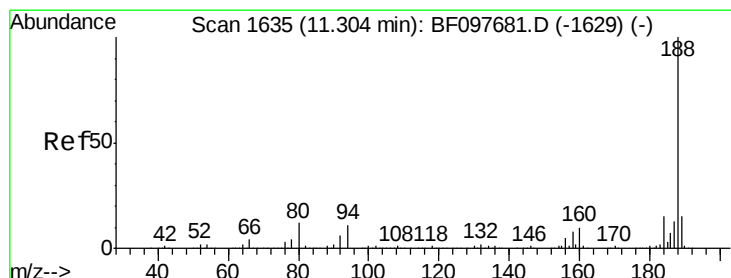
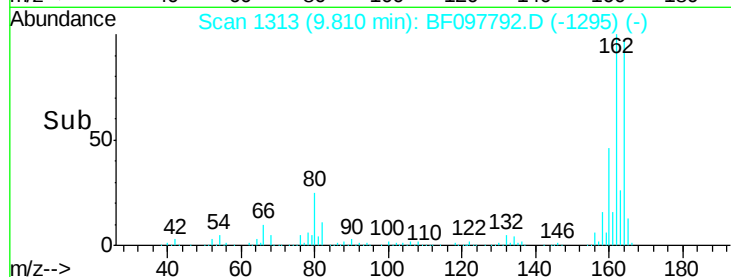
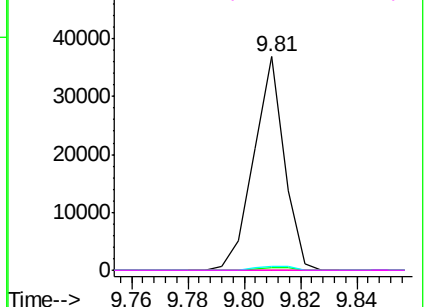


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097792.D

Acq: 17 Aug 2017 18:06

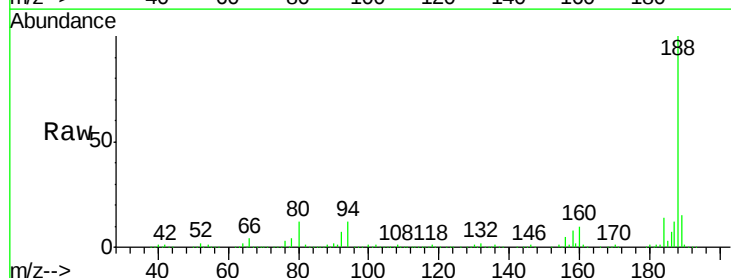
Tgt Ion:188 Resp: 373906

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

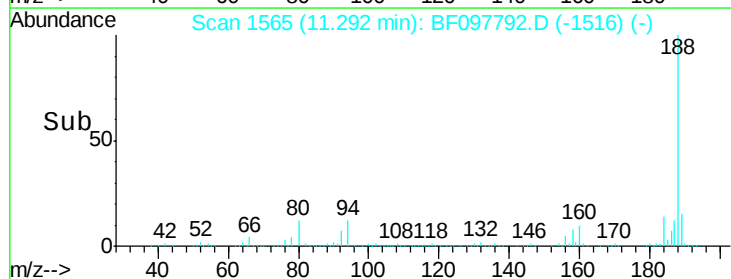
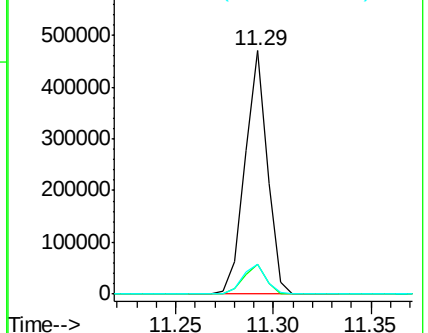
80 12.3 10.2 15.2

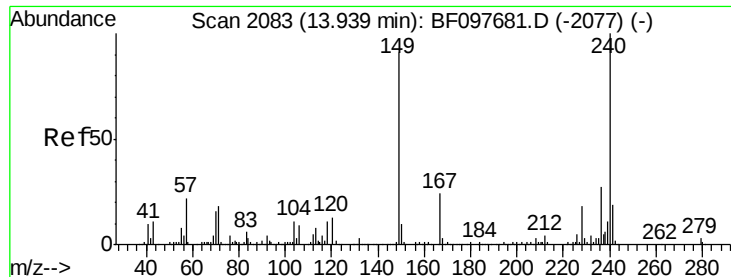


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097792.D

Acq: 17 Aug 2017 18:06

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

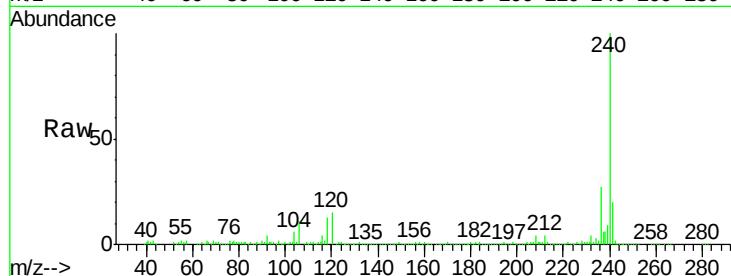
Tot Ion:240 Resp: 287053

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

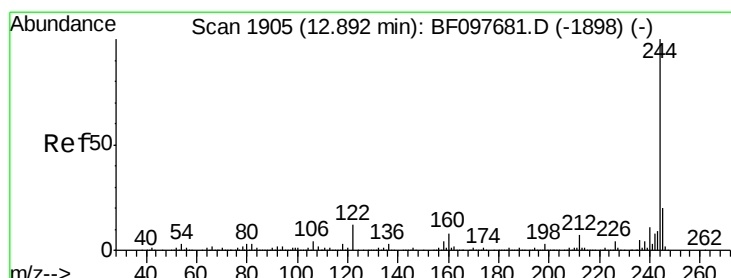
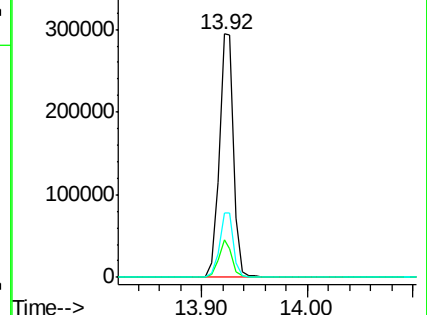
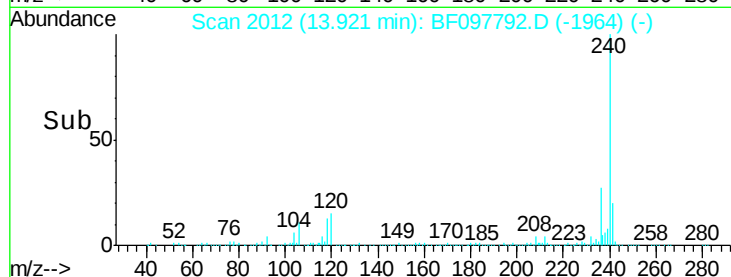
236 26.6 20.5 30.7



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: 0.15 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097792.D

Acq: 17 Aug 2017 18:06

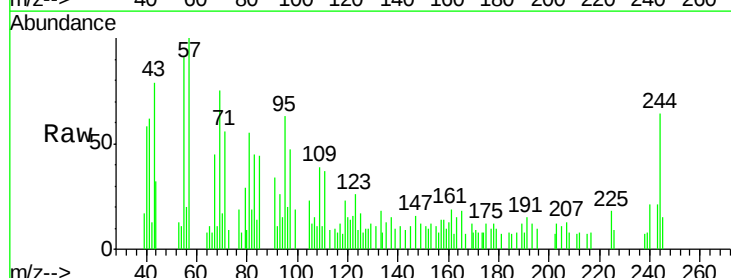
Tgt Ion:244 Resp: 2118

Ion Ratio Lower Upper

244 100

212 12.8 6.0 9.0#

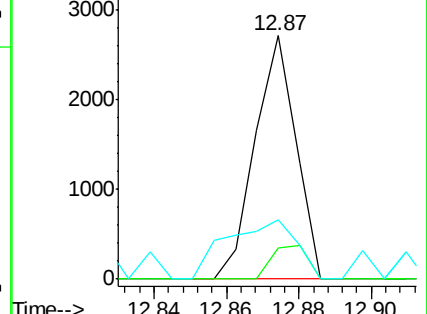
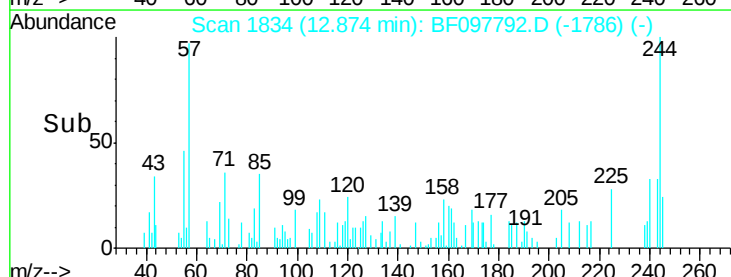
122 24.5 10.3 15.5#

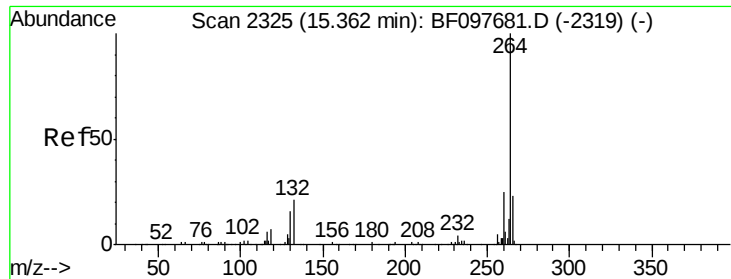


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

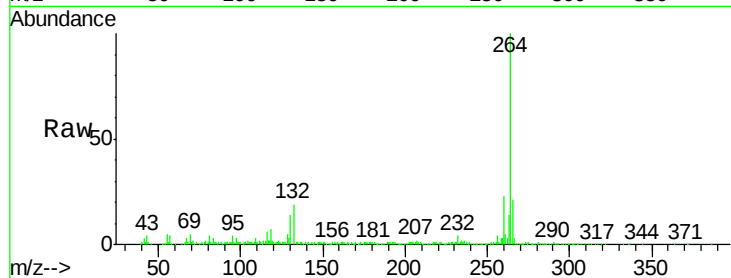




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097792.D
Acq: 17 Aug 2017 18:06

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.2	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

