

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096195.D
 Acq On : 24 Jun 2017 17:47
 Operator : SJ/MA
 Sample : I3851-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:23:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

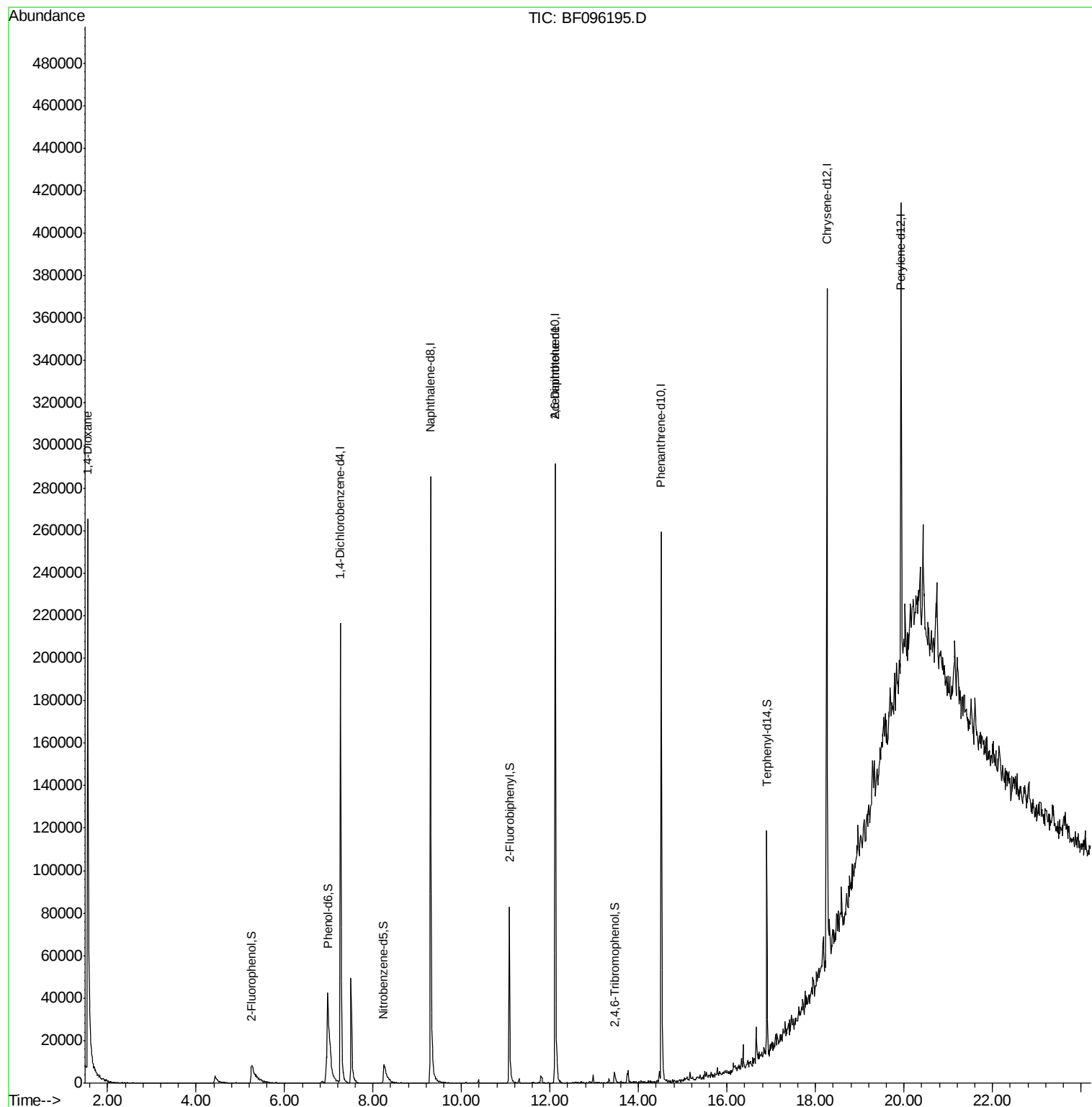
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	62956	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	241430	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	92015	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	152835	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	133511	20.00	ng	-0.02
86) Perylene-d12	19.93	264	95530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	15095	3.82	ng	0.08
7) Phenol-d6	6.97	99	28142	5.95	ng	0.09
23) Nitrobenzene-d5	8.25	82	14849	3.82	ng	0.02
41) 2,4,6-Tribromophenol	13.46	330	2583	3.17	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	50863	7.69	ng	-0.03
78) Terphenyl-d14	16.90	244	38134	7.09	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.55	88	15076	8.02	ng	# 25
50) 2,6-Dinitrotoluene	12.12	165	11441	7.51	ng	# 31

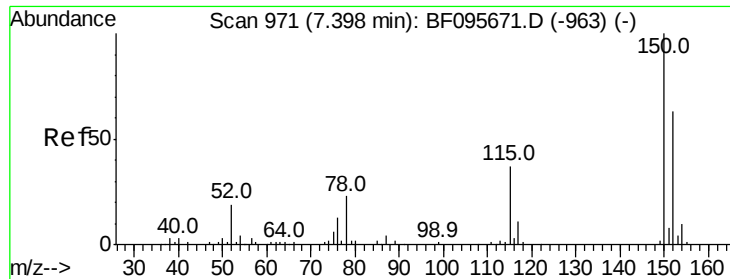
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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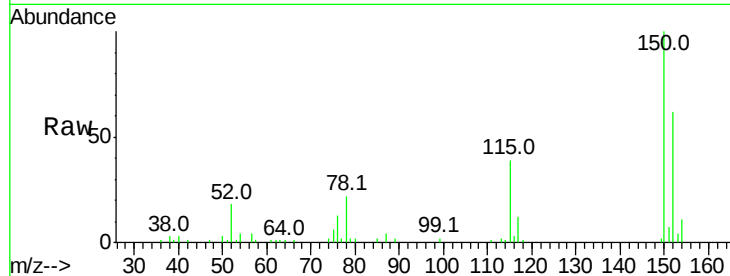


#1

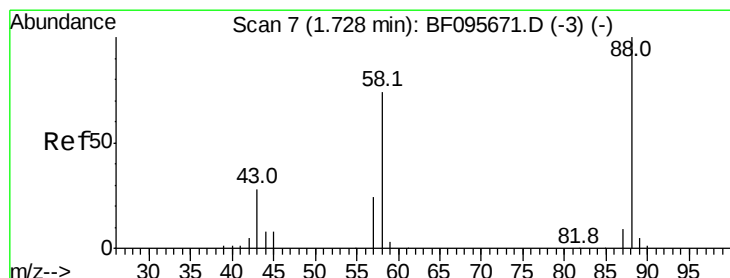
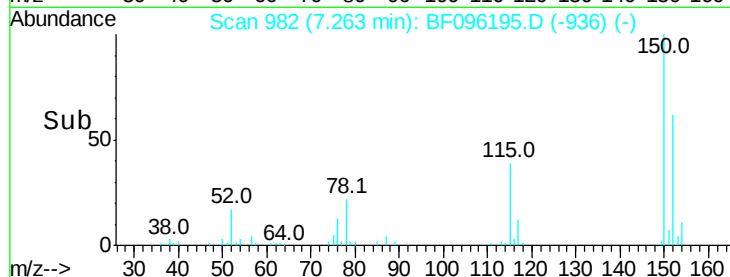
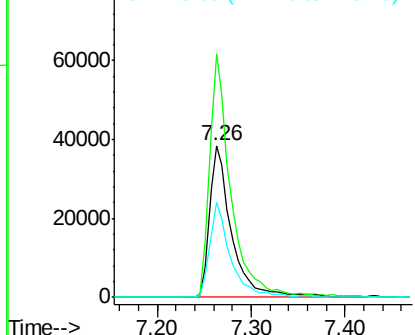
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62956
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 63.1 52.2 78.2



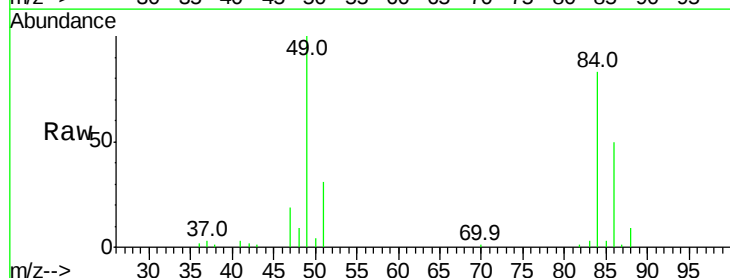
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



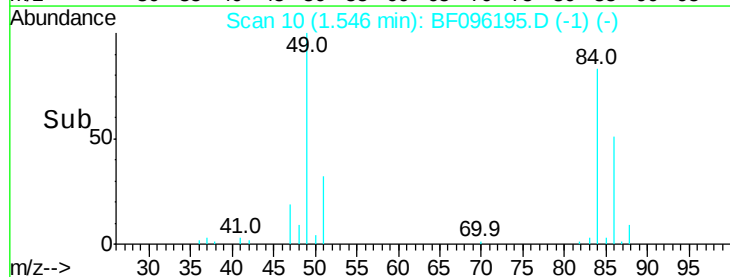
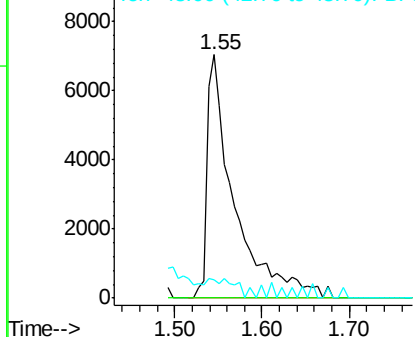
#2

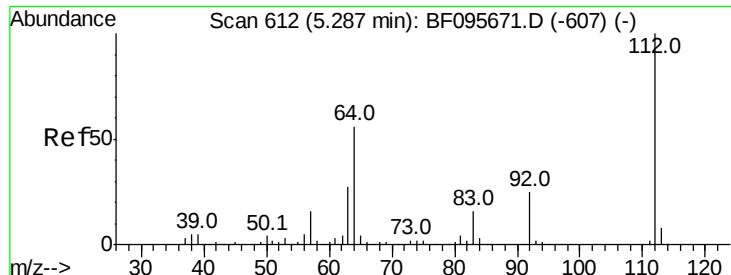
1,4-Dioxane
Concen: 8.02 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

Tgt Ion: 88 Resp: 15076
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 7.8 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 3.82 ng

RT: 5.26 min Scan# 642

Delta R.T. 0.08 min

Lab File: BF096195.D

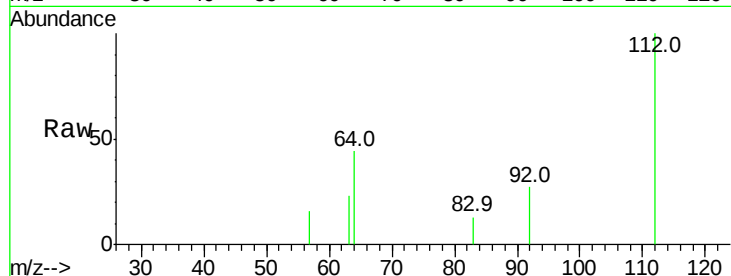
Acq: 24 Jun 2017 17:47

Instrument :

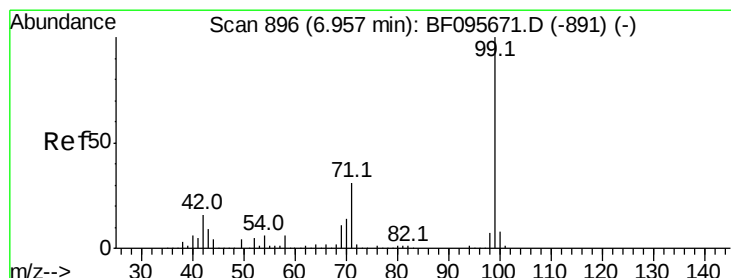
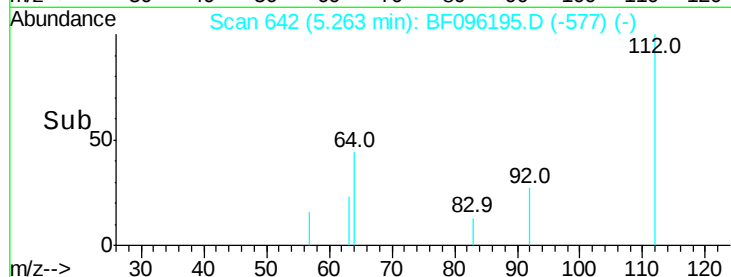
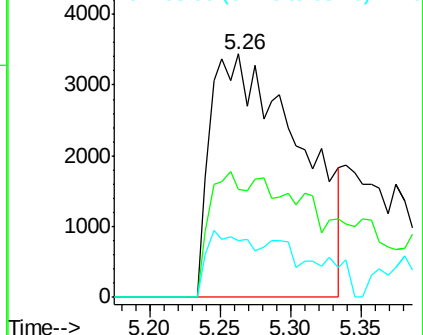
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	15095
Ion	Ratio	Lower	Upper
112	100		
64	44.2	46.0	69.0#
63	23.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 5.95 ng

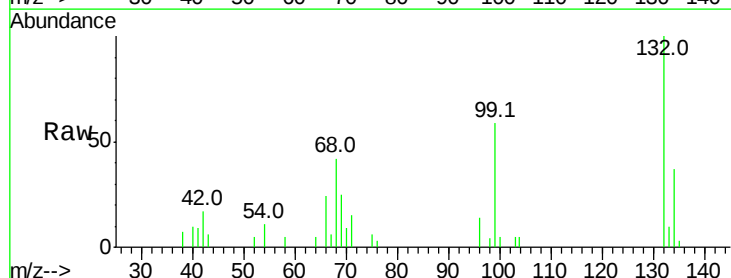
RT: 6.97 min Scan# 932

Delta R.T. 0.09 min

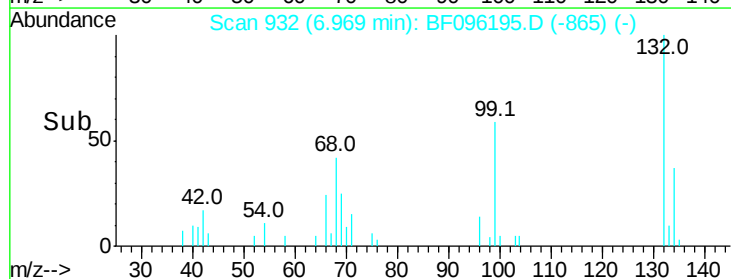
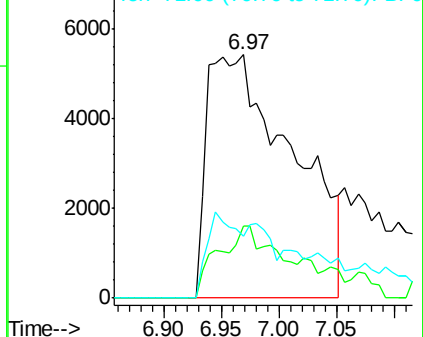
Lab File: BF096195.D

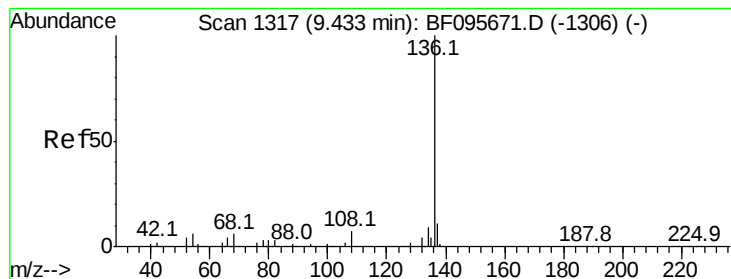
Acq: 24 Jun 2017 17:47

Tgt Ion:	99	Resp:	28142
Ion	Ratio	Lower	Upper
99	100		
42	29.4	13.5	20.3#
71	25.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096195.D

Acq: 24 Jun 2017 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 241430

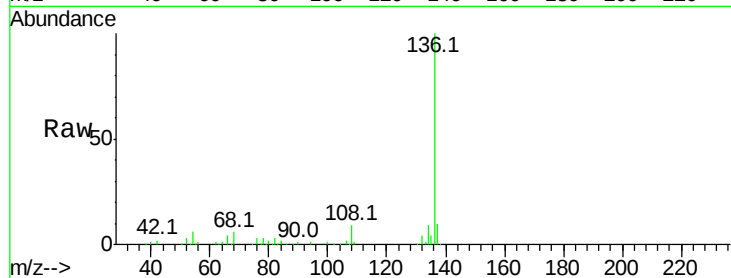
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.3 4.9 7.3

68 5.8 4.1 6.1

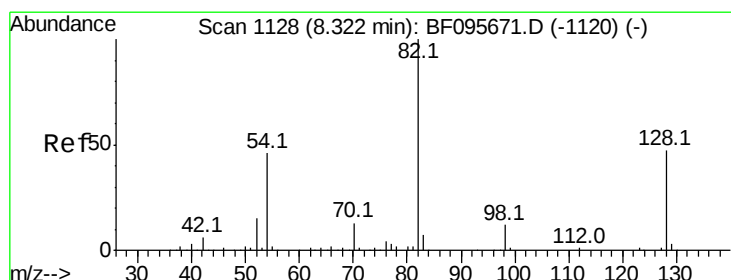
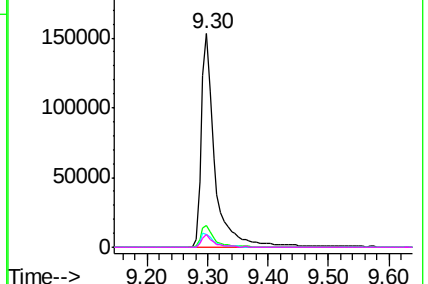
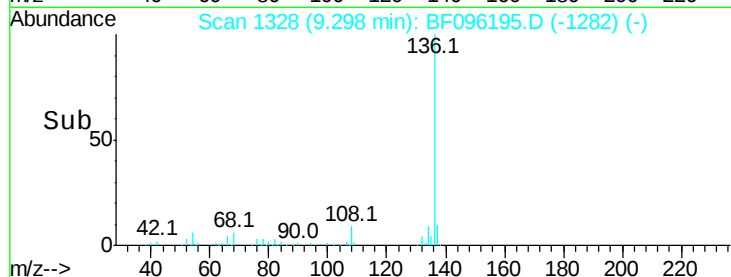


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 3.82 ng

RT: 8.25 min Scan# 1149

Delta R.T. 0.02 min

Lab File: BF096195.D

Acq: 24 Jun 2017 17:47

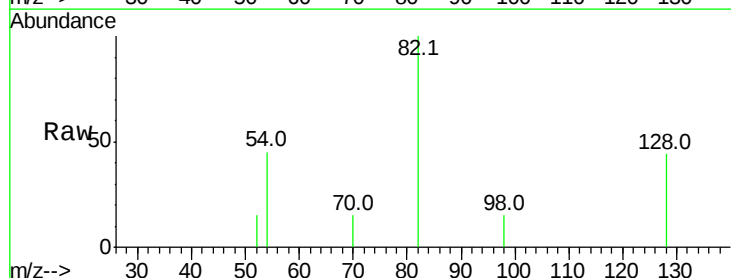
Tgt Ion: 82 Resp: 14849

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

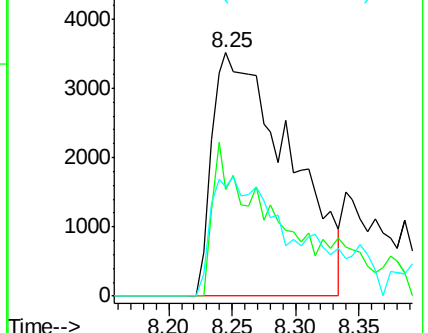
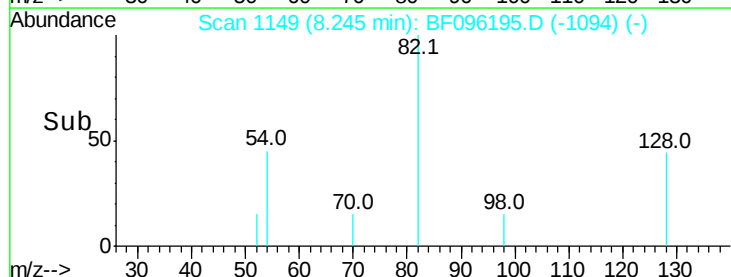
54 44.9 42.2 63.2

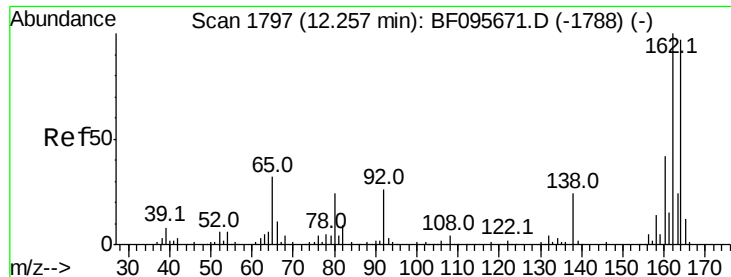


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

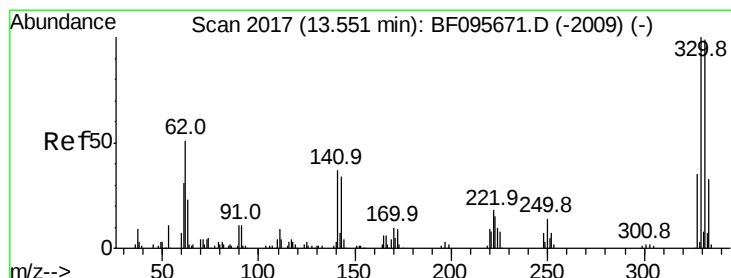
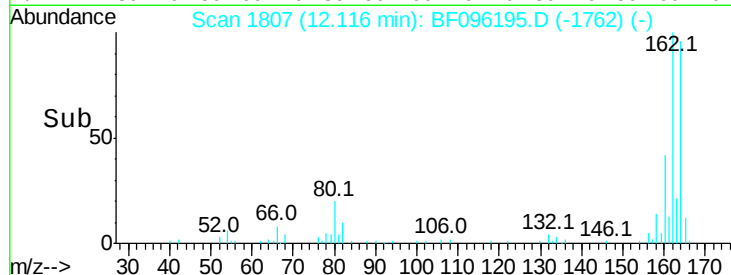
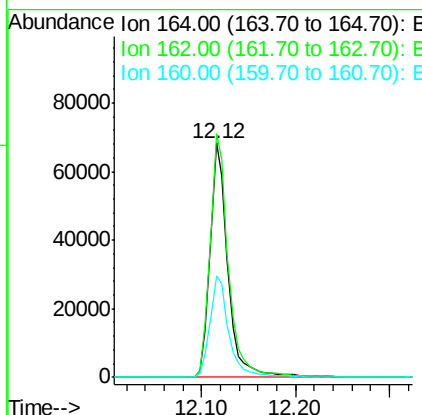
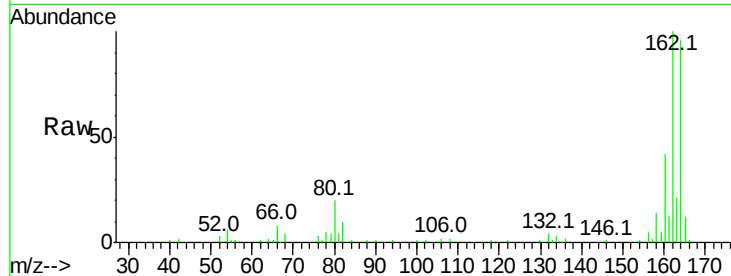




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096195.D
 Acq: 24 Jun 2017 17:47

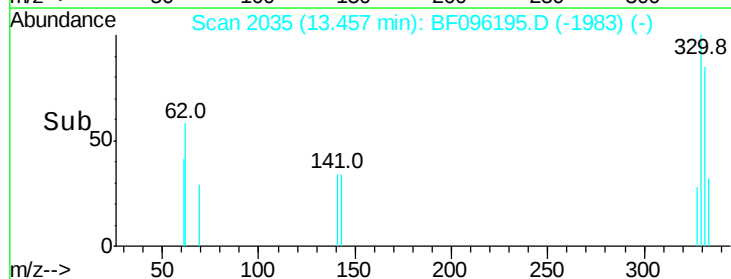
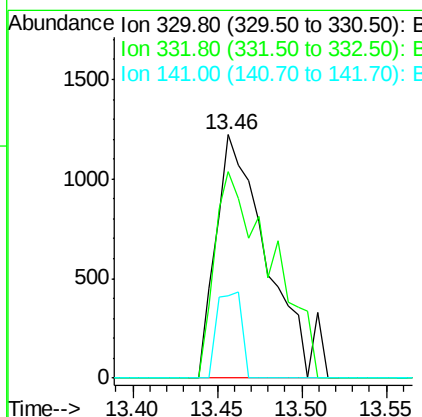
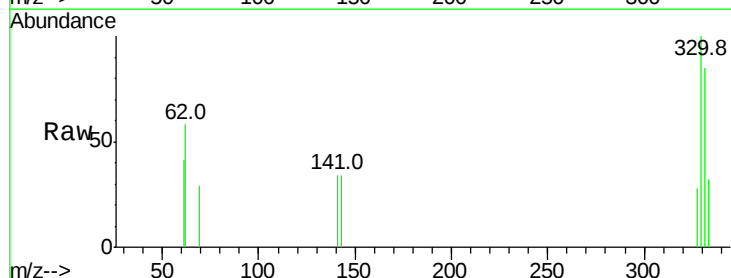
Instrument :
 BNA_F
 ClientSampled :

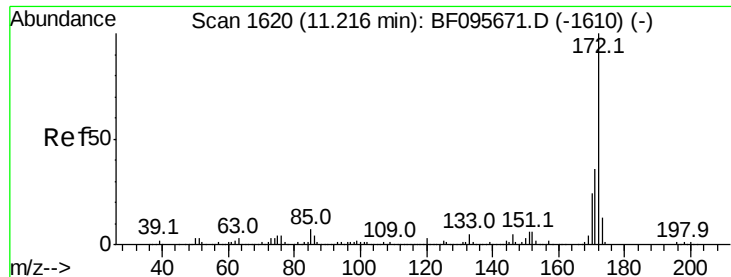
Tot Ion:164 Resp: 92015
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 43.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 3.17 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF096195.D
 Acq: 24 Jun 2017 17:47

Tgt Ion:330 Resp: 2583
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 17.1 31.4 47.2#

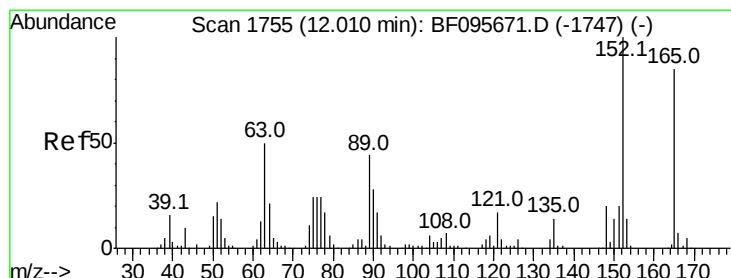
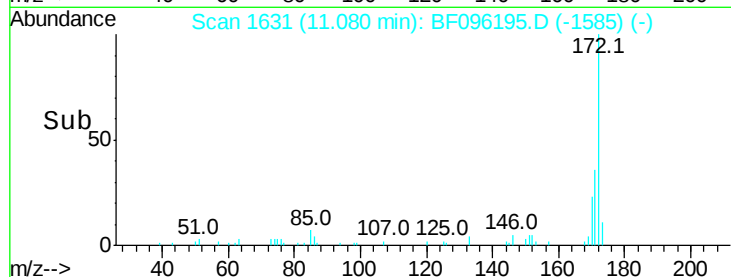
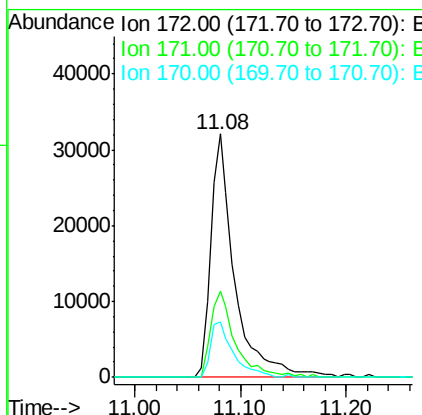
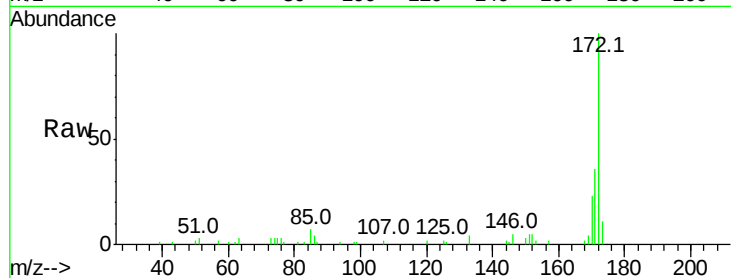




#44
2-Fluorobiphenyl
Concen: 7.69 ng
RT: 11.08 min Scan# 1631
Delta R.T. -0.03 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

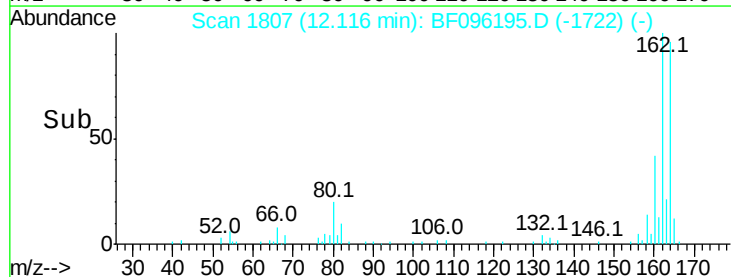
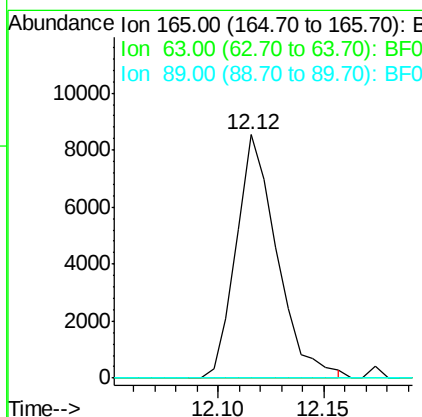
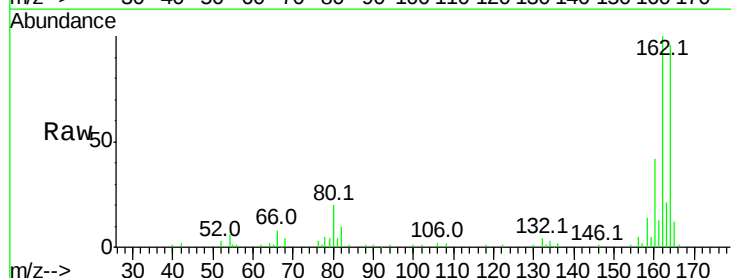
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BNA_F
ClientSampleId :

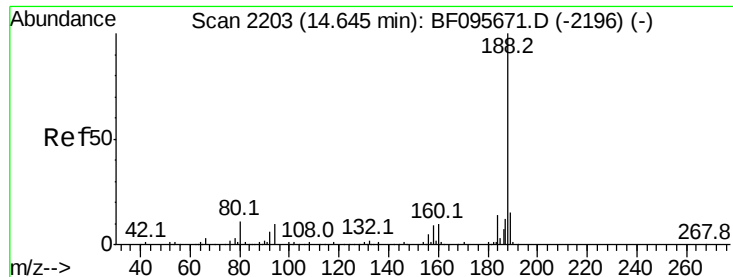
Tot Ion:172 Resp: 50863
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 22.8 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 12.12 min Scan# 1807
Delta R.T. 0.20 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

Tgt Ion:165 Resp: 11441
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

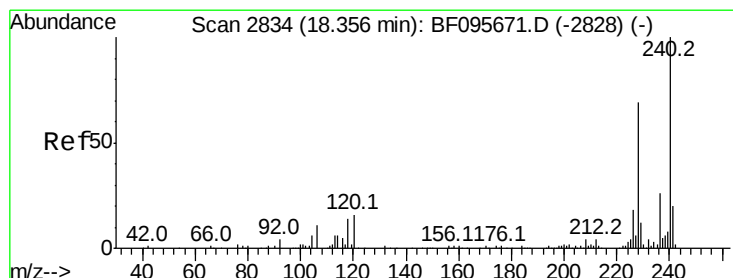
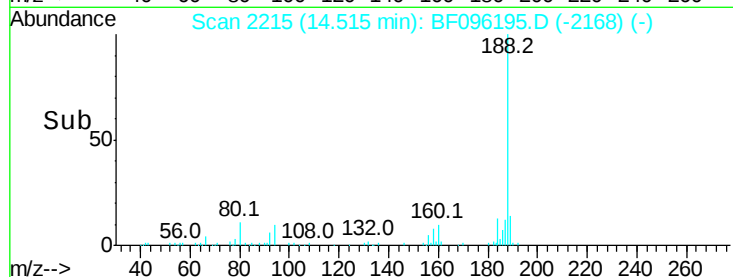
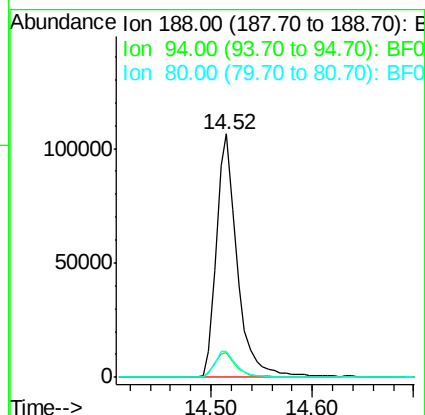
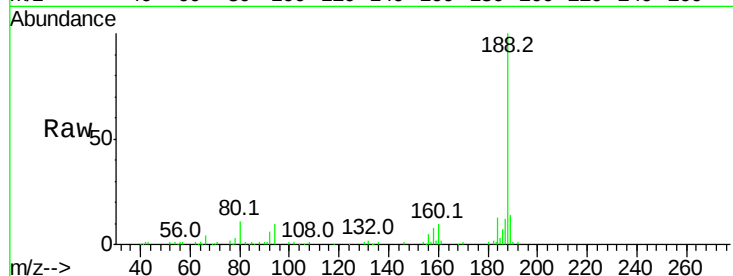




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

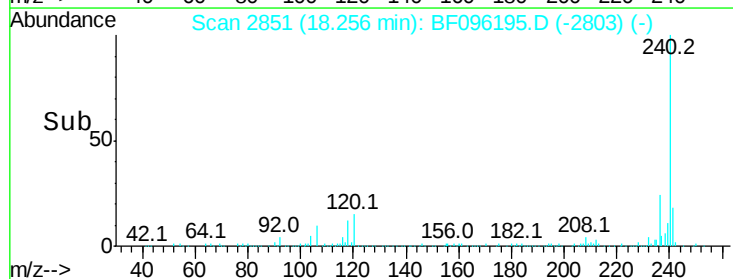
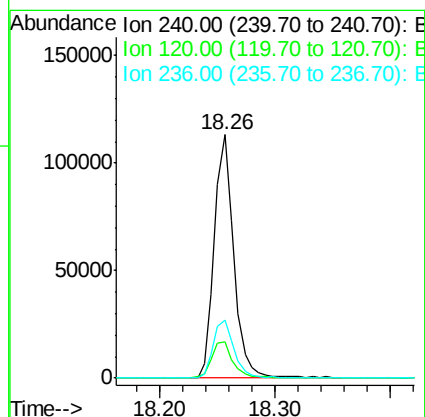
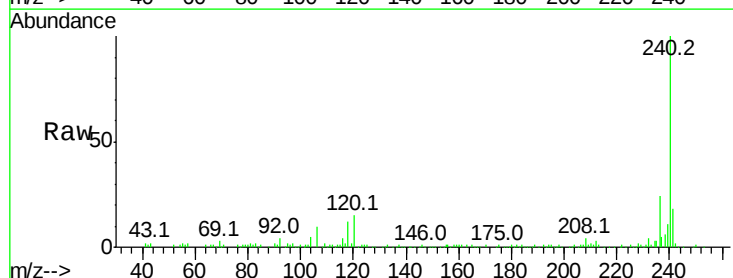
Instrument :
BNA_F
ClientSampleId :

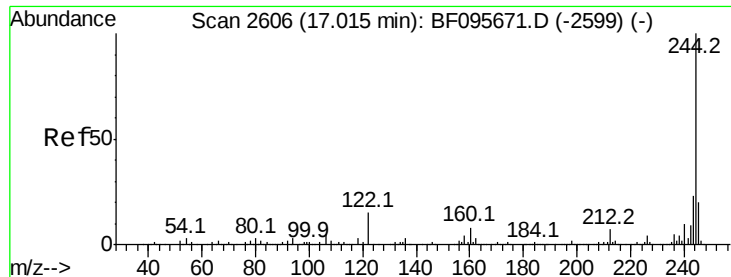
Tot Ion:188 Resp: 152835
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096195.D
Acq: 24 Jun 2017 17:47

Tgt Ion:240 Resp: 133511
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.1 20.5 30.7

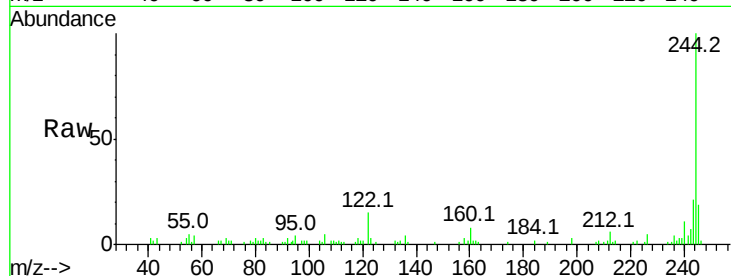




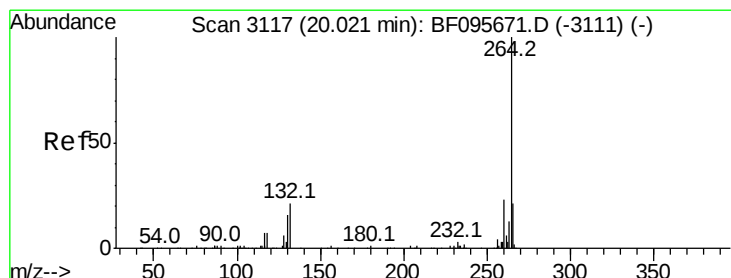
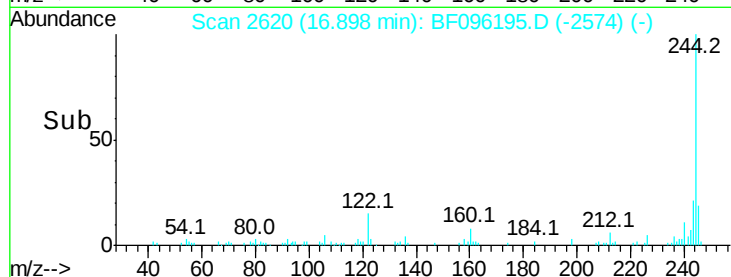
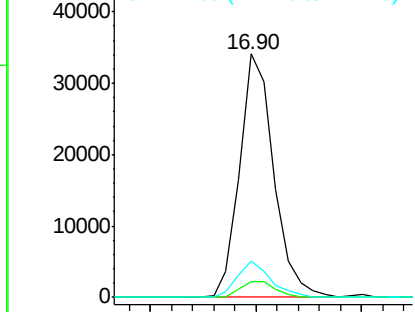
#78
 Terphenyl-d14
 Concen: 7.09 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096195.D
 Acq: 24 Jun 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 38134
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 14.8 10.3 15.5

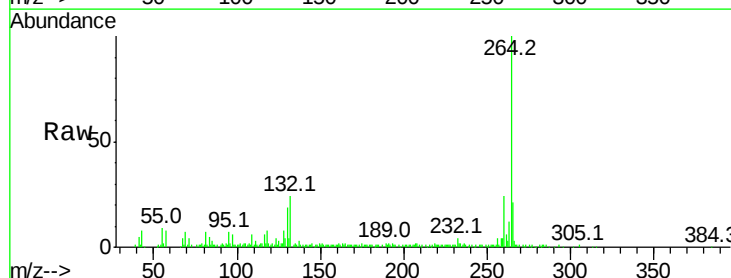


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096195.D
 Acq: 24 Jun 2017 17:47

Tgt Ion:264 Resp: 95530
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 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

