

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096205.D
 Acq On : 25 Jun 2017 1:37
 Operator : SJ/MA
 Sample : I3843-02 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:26:32 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

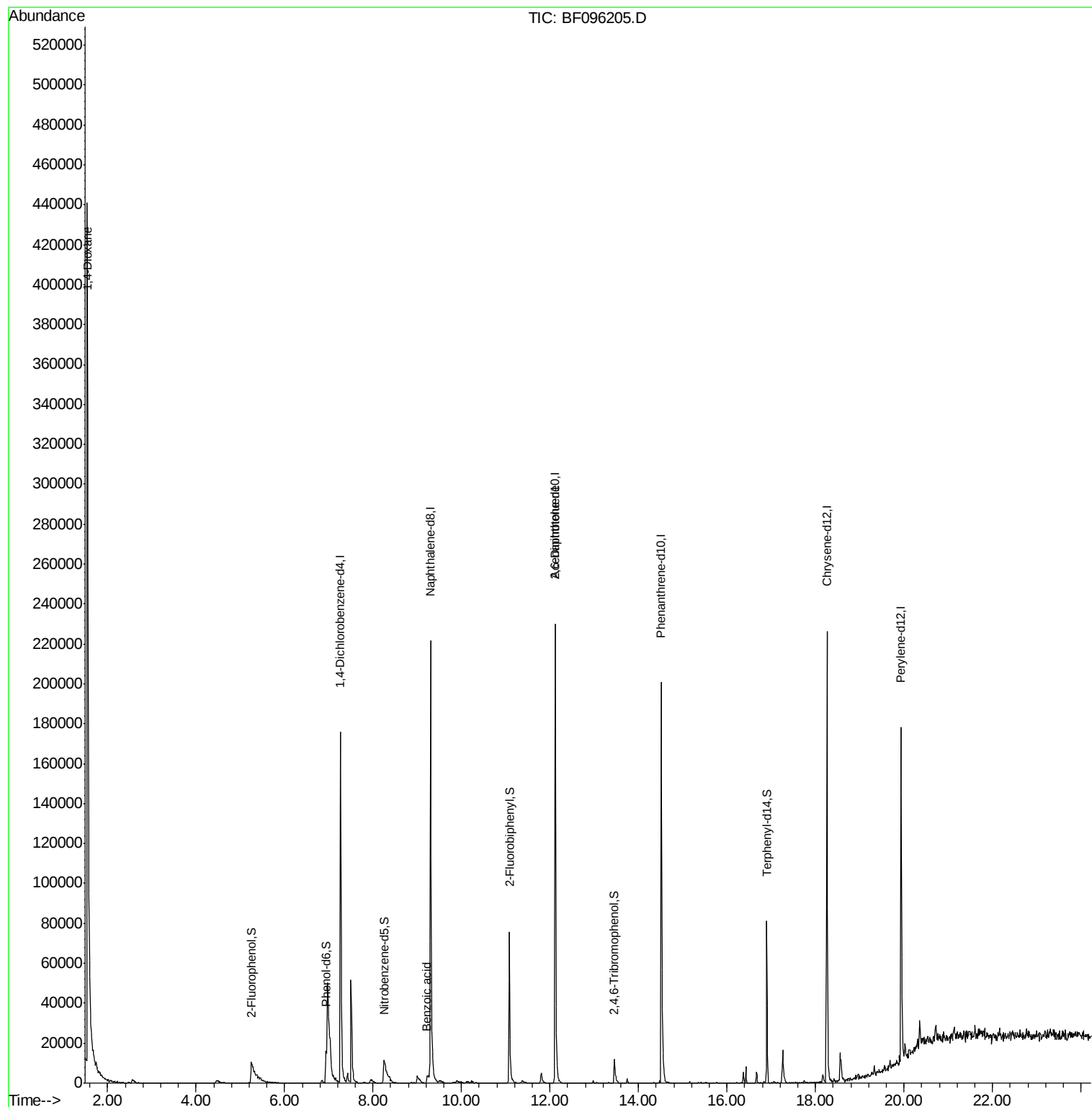
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	50788	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	201187	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	78942	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	130831	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	111595	20.00	ng	-0.02
86) Perylene-d12	19.93	264	85323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	6523	2.05	ng	0.07
7) Phenol-d6	6.94	99	19721	5.17	ng	0.06
23) Nitrobenzene-d5	8.25	82	15939	4.92	ng	0.02
41) 2,4,6-Tribromophenol	13.46	330	6038	8.64	ng	0.00
44) 2-Fluorobiphenyl	11.08	172	48601	8.57	ng	-0.03
78) Terphenyl-d14	16.90	244	36781	8.18	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.54	88	22316	14.72	ng	# 22
32) Benzoic acid	9.22	122	1546	5.90	ng	# 9
50) 2,6-Dinitrotoluene	12.12	165	9244	7.07	ng	# 31

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

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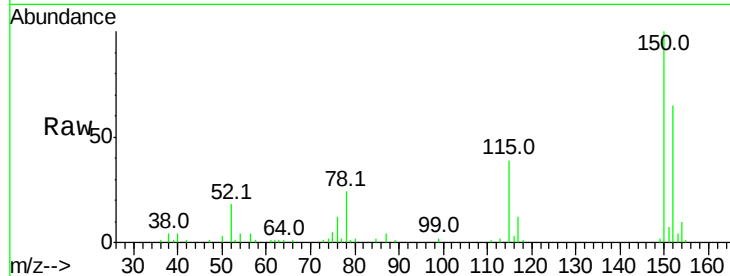


#1

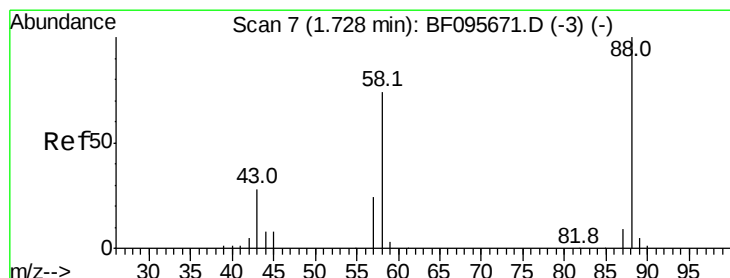
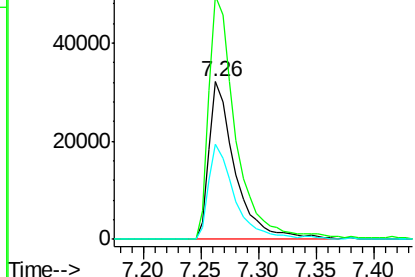
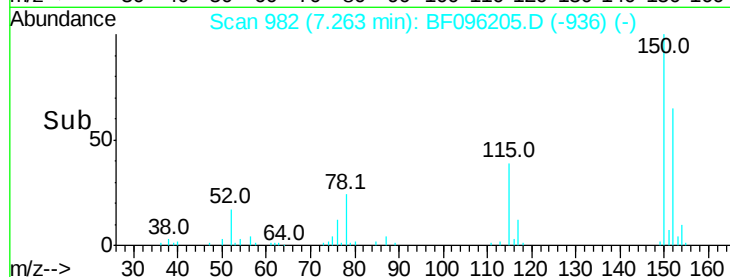
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50788
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 60.4 52.2 78.2



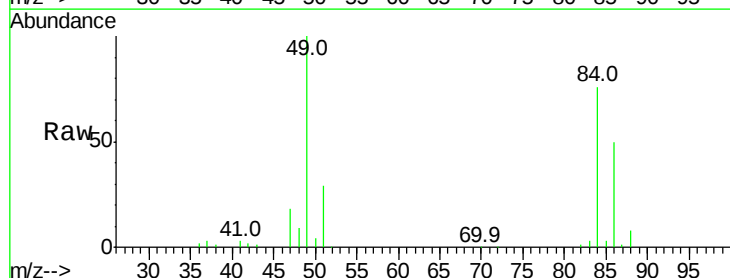
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



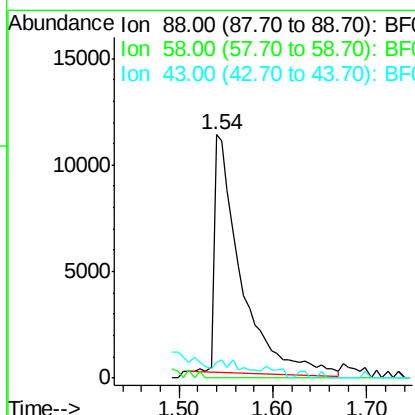
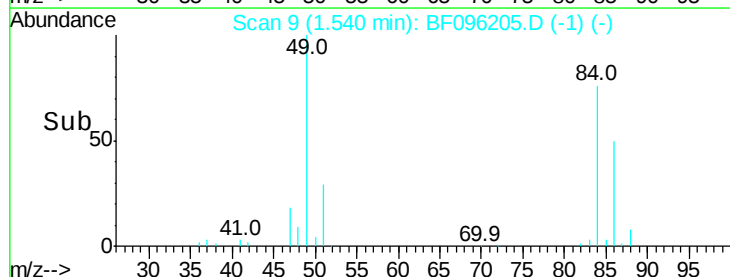
#2

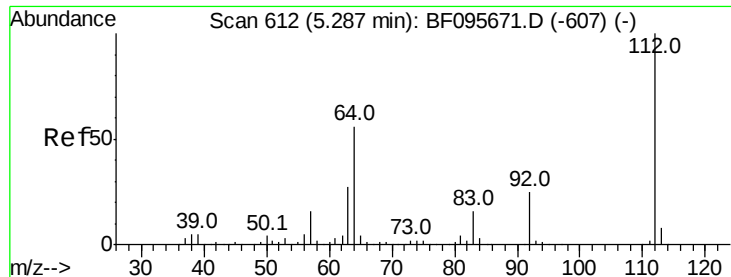
1,4-Dioxane
Concen: 14.72 ng
RT: 1.54 min Scan# 9
Delta R.T. -0.07 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Tgt Ion: 88 Resp: 22316
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 3.4 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: 2.05 ng

RT: 5.25 min Scan# 640

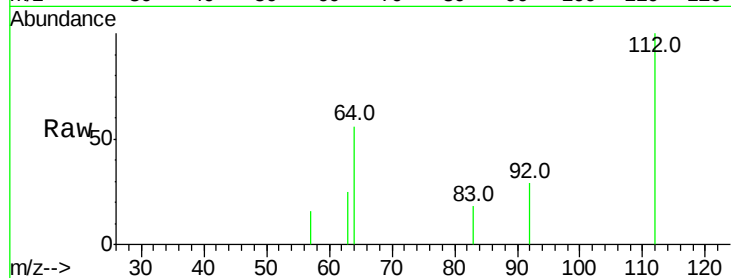
Delta R.T. 0.07 min

Lab File: BF096205.D

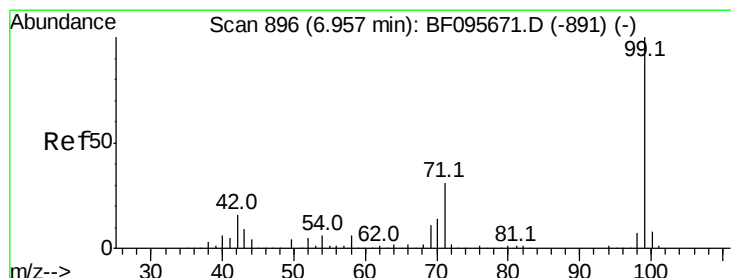
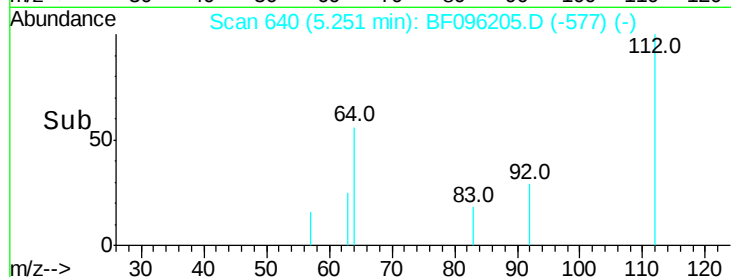
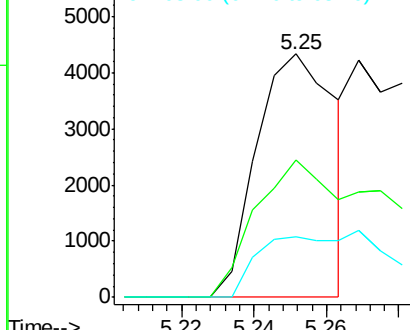
Acq: 25 Jun 2017 1:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	6523
Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	24.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 5.17 ng

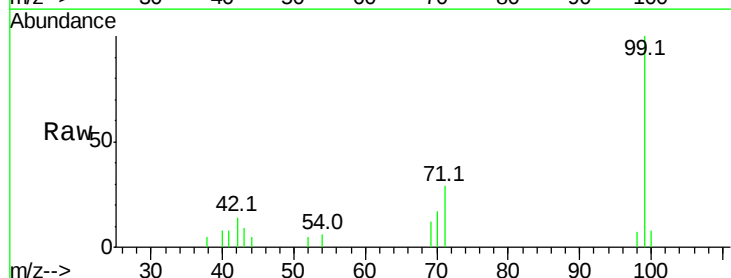
RT: 6.94 min Scan# 927

Delta R.T. 0.06 min

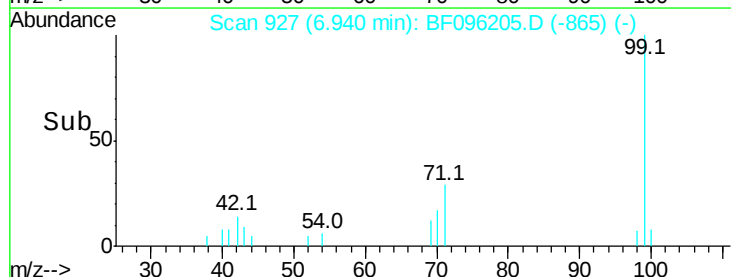
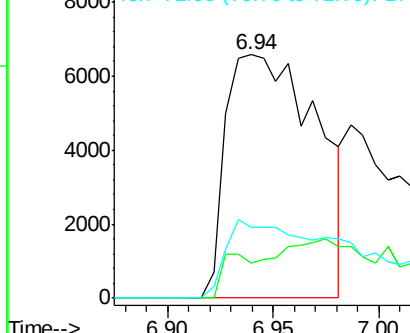
Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

Tgt Ion:	99	Resp:	19721
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	29.0	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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 201187

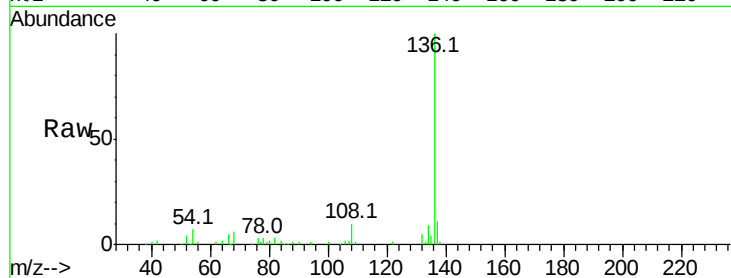
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

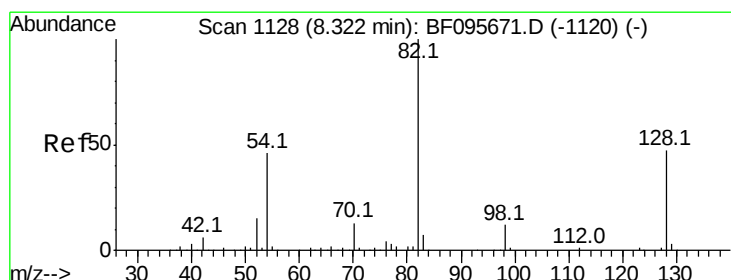
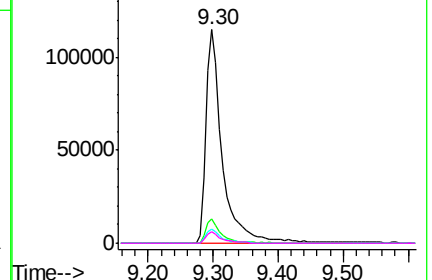
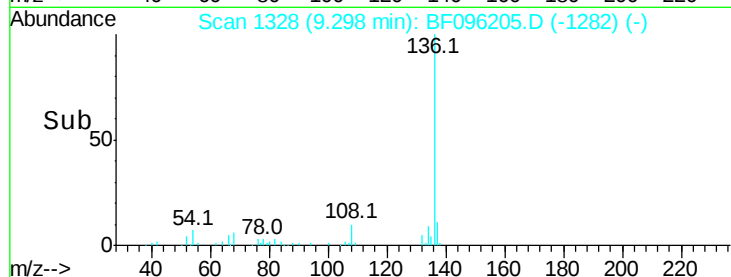


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.92 ng

RT: 8.25 min Scan# 1149

Delta R.T. 0.02 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

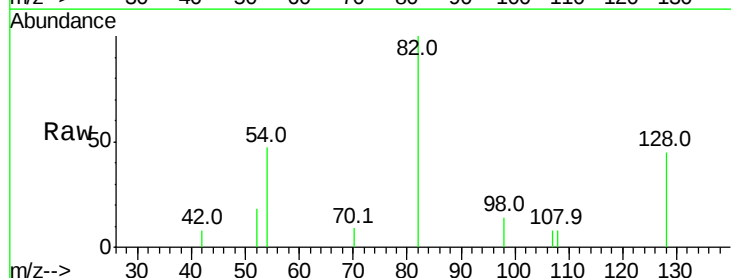
Tgt Ion: 82 Resp: 15939

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

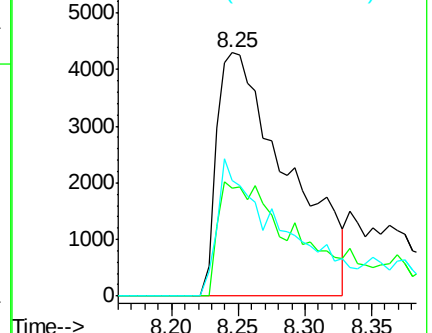
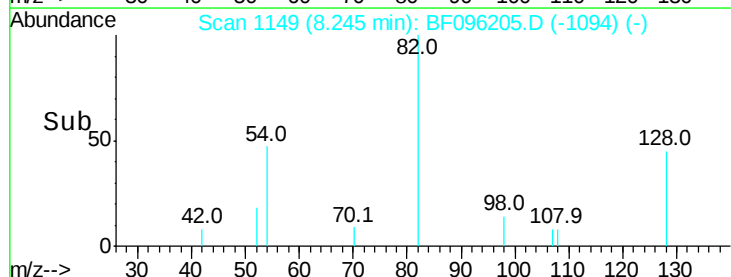
54 47.4 42.2 63.2

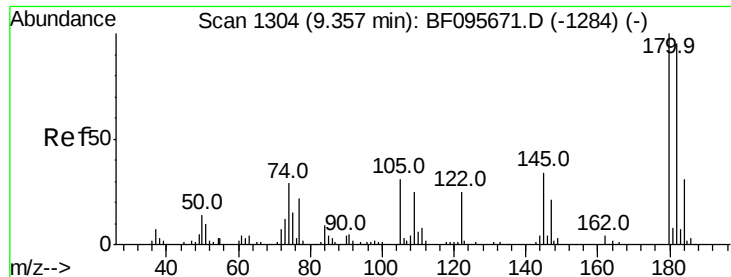


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

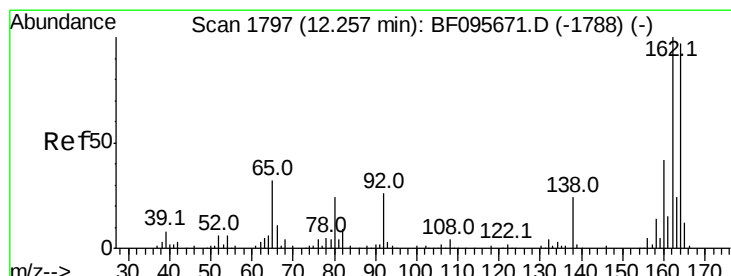
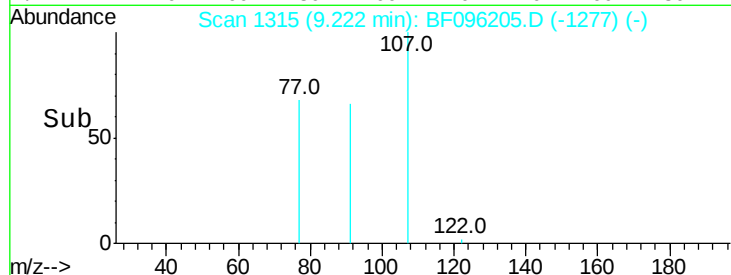
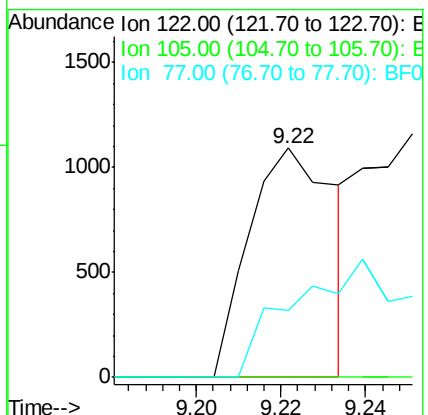
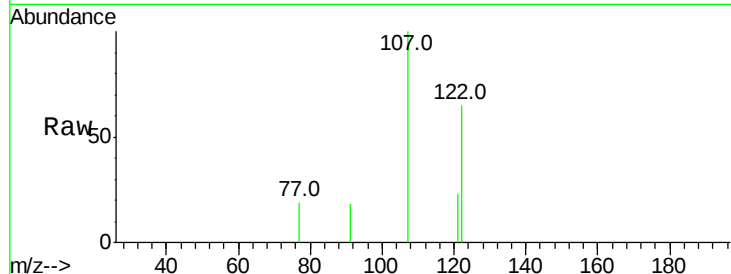




#32
Benzoic acid
Concen: 5.90 ng
RT: 9.22 min Scan# 1315
Delta R.T. -0.08 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

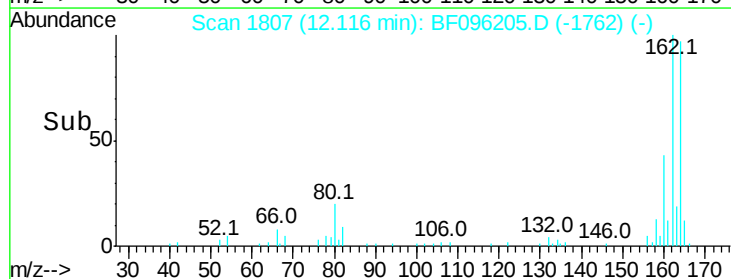
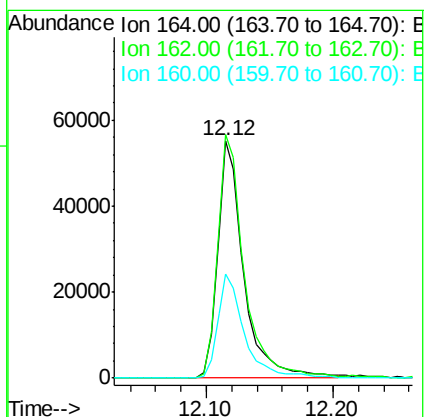
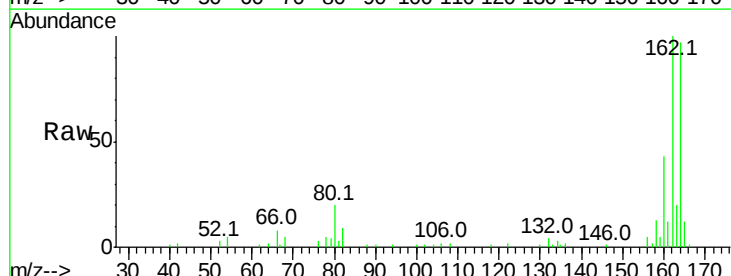
Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 1546
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 29.4 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096205.D
Acq: 25 Jun 2017 1:37

Tgt Ion:164 Resp: 78942
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 44.1 36.2 54.2

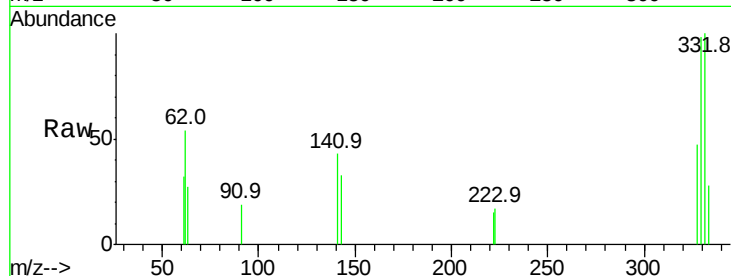




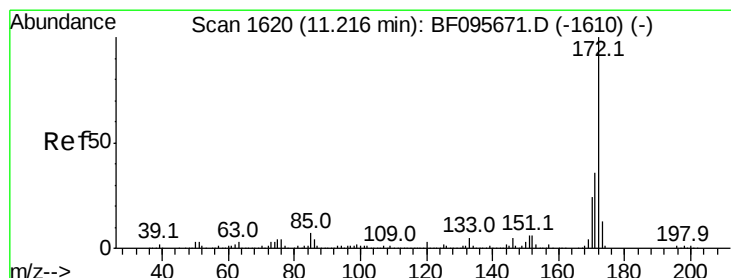
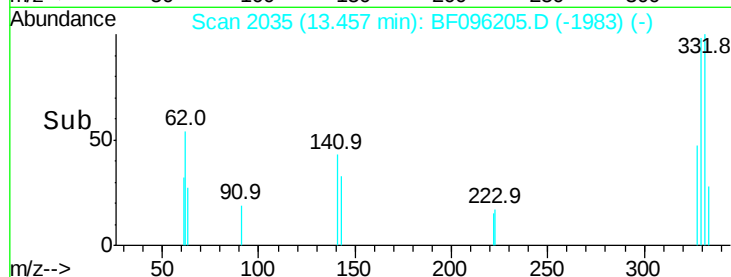
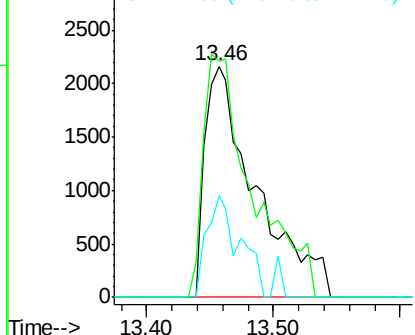
#41
 2,4,6-Tribromophenol
 Concen: 8.64 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 6038
 Ion Ratio Lower Upper
 330 100
 332 101.7 76.6 115.0
 141 28.5 31.4 47.2#

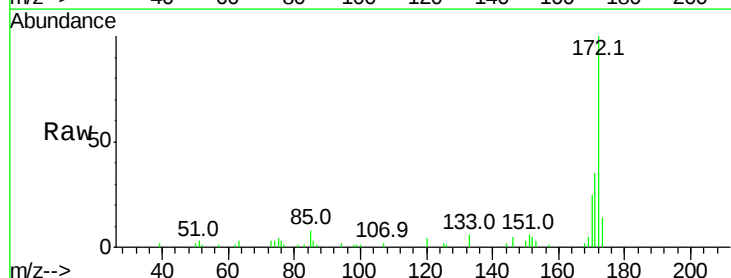


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

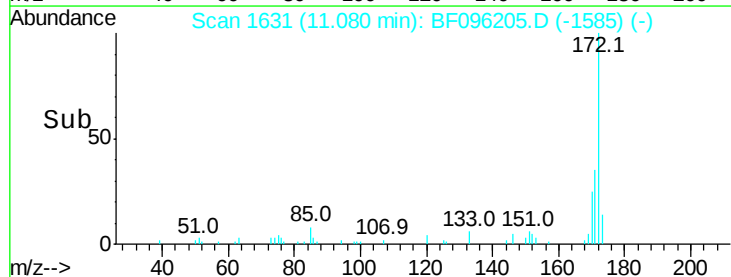
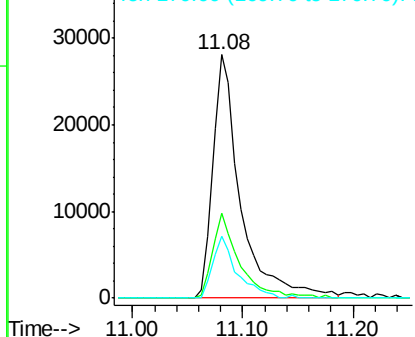


#44
 2-Fluorobiphenyl
 Concen: 8.57 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Tgt Ion:172 Resp: 48601
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 25.3 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

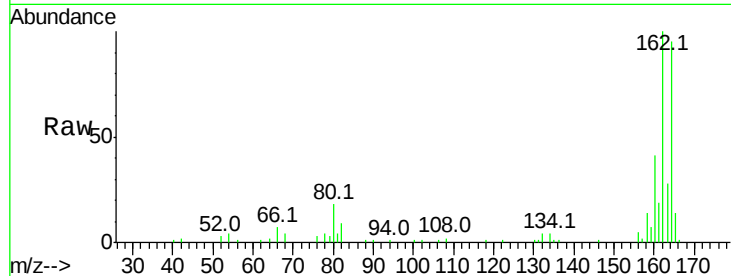




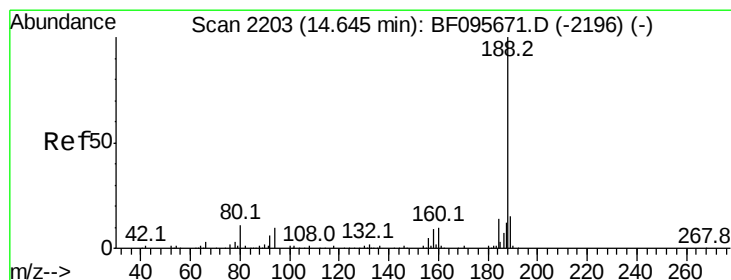
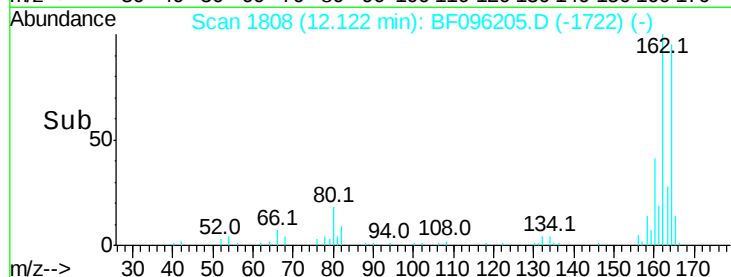
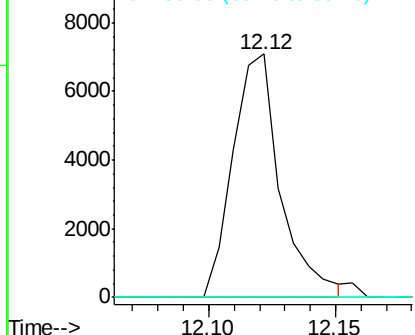
#50
 2,6-Dinitrotoluene
 Concen: 7.07 ng
 RT: 12.12 min Scan# 1808
 Delta R.T. 0.21 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9244
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

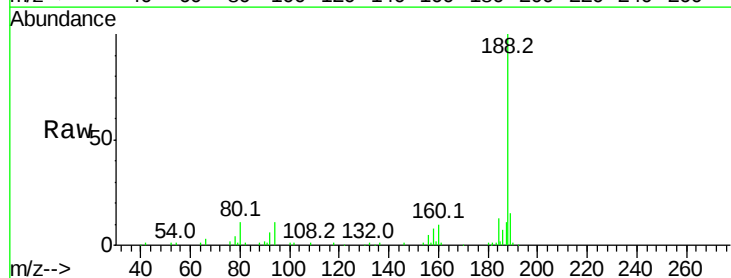


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

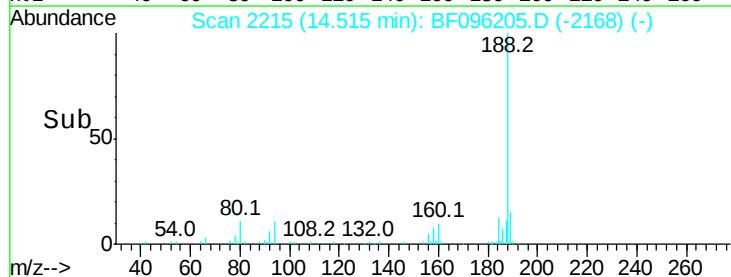
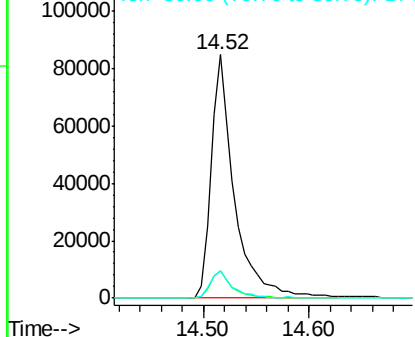


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Tgt Ion:188 Resp: 130831
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.5 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: 18.26 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

Instrument :

BNA_F

ClientSampleId :

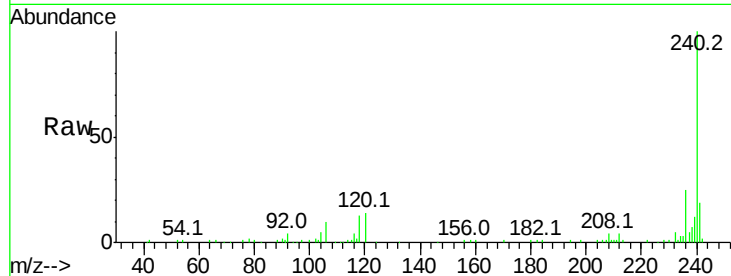
Tot Ion:240 Resp: 111595

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

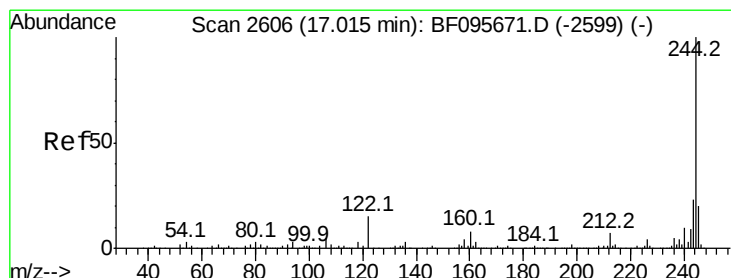
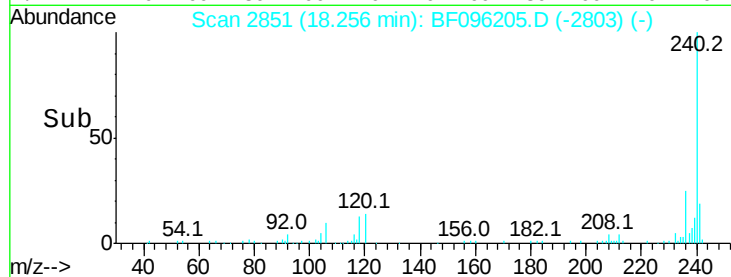
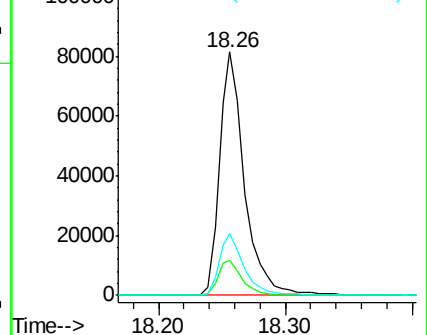
236 25.4 20.5 30.7



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: 8.18 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096205.D

Acq: 25 Jun 2017 1:37

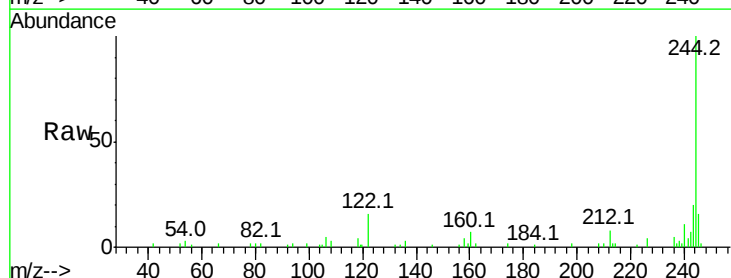
Tgt Ion:244 Resp: 36781

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

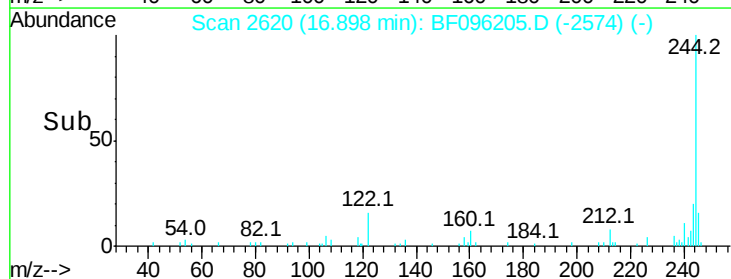
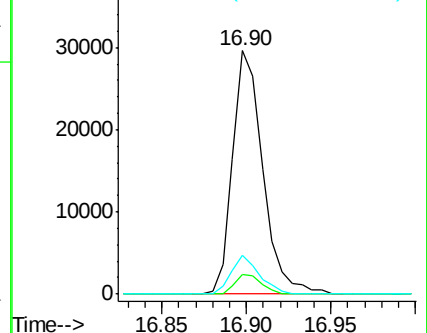
122 15.7 10.3 15.5#

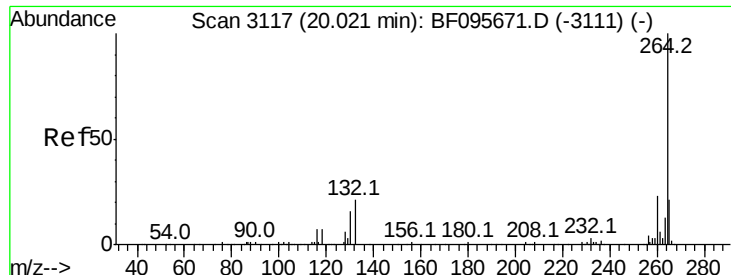


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

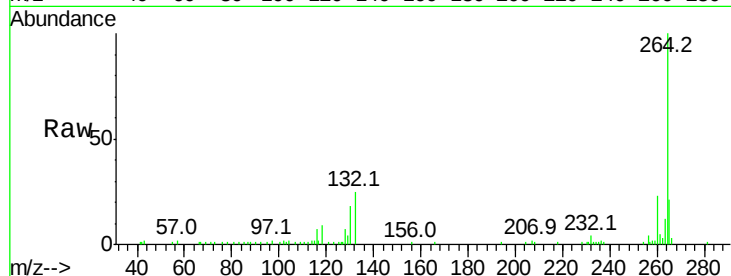




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096205.D
 Acq: 25 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	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

