

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096815.D
 Acq On : 17 Jul 2017 13:19
 Operator : SJ/JU
 Sample : I4159-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIESEL-BOTTOM

Quant Time: Jul 17 14:06:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 13:30:18 2017
 Response via : Initial Calibration

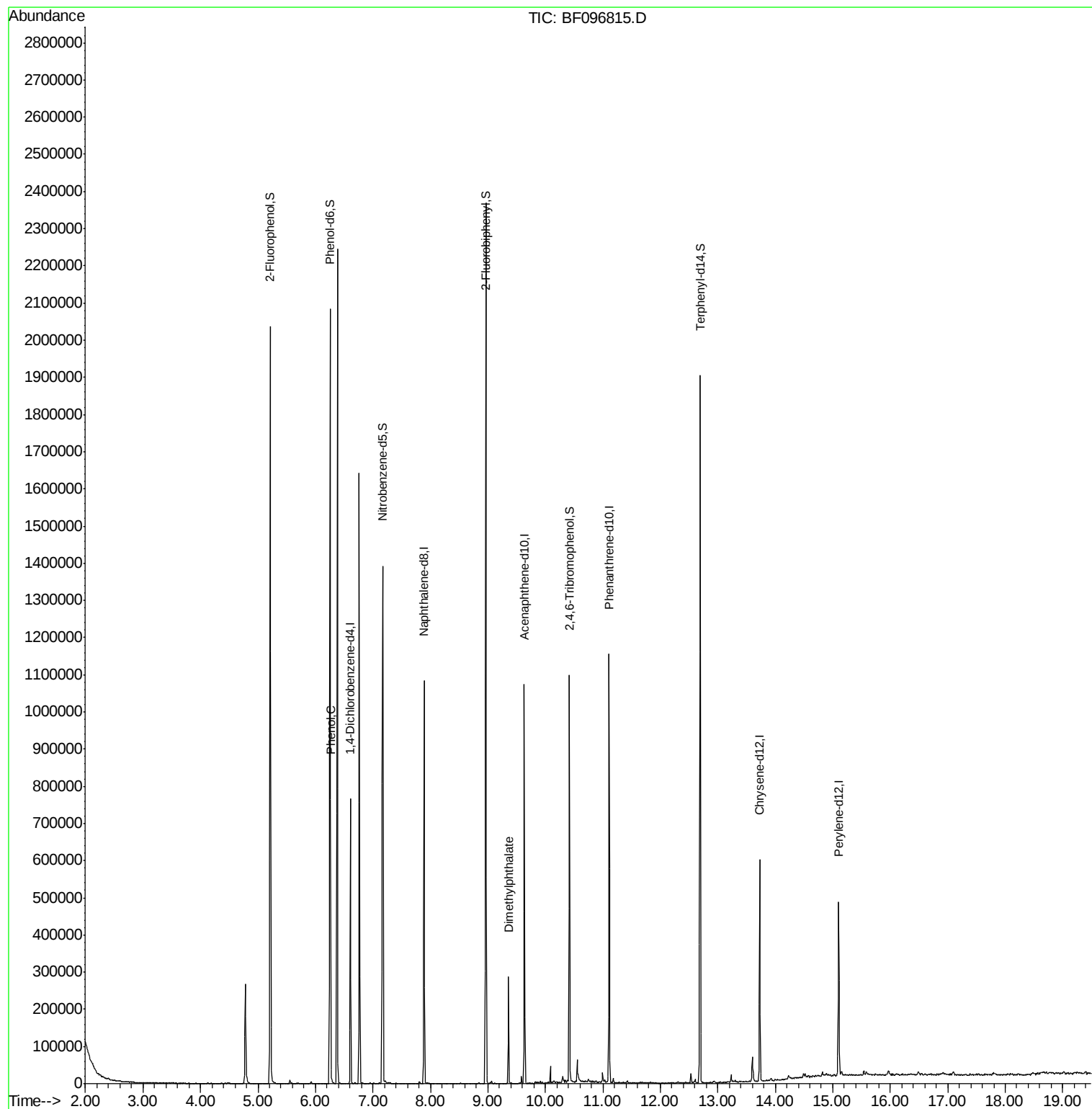
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	110138	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	521494	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	207233	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	371060	20.00	ng	0.00
75) Chrysene-d12	13.73	240	205401	20.00	ng	0.00
86) Perylene-d12	15.10	264	186984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	553934	75.62	ng	0.00
7) Phenol-d6	6.26	99	686140	78.06	ng	0.00
23) Nitrobenzene-d5	7.17	82	449606	53.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	124979	70.65	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	783093	59.70	ng	0.00
78) Terphenyl-d14	12.69	244	560211	47.30	ng	0.00
Target Compounds						
10) Phenol	6.27	94	20544	2.067	ng	91
49) Dimethylphthalate	9.36	163	108232	6.936	ng	99

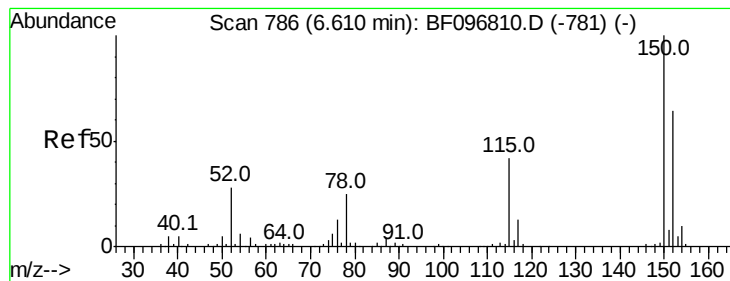
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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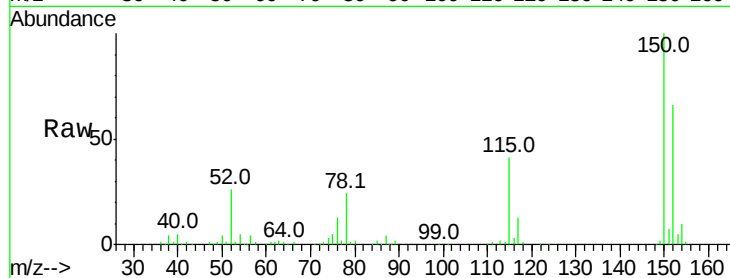


#1

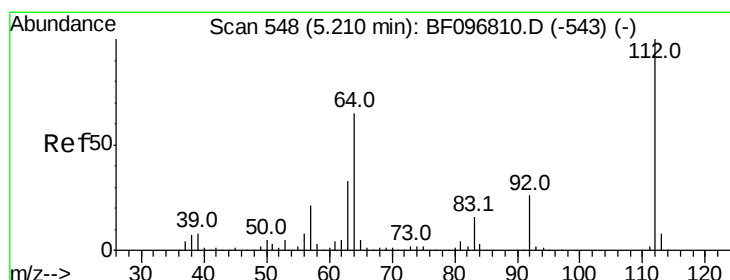
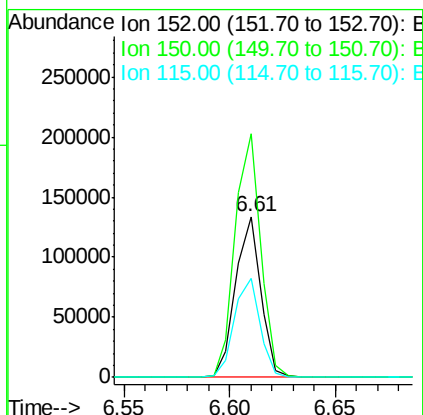
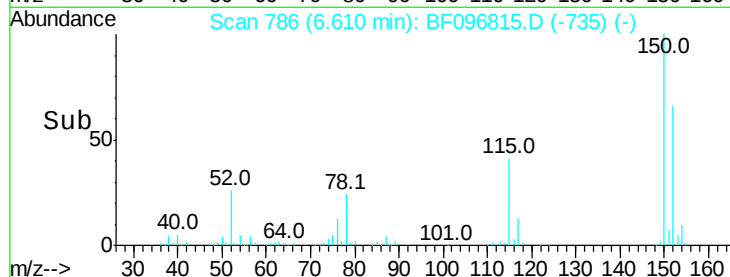
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :
 DIESEL-BOTTOM

Tot Ion:152 Resp: 110138
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.2 189.2
 115 61.9 52.2 78.2



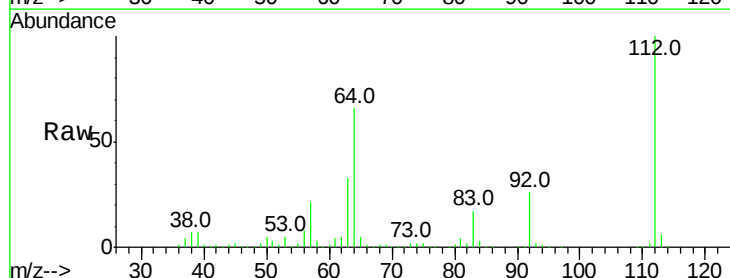
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



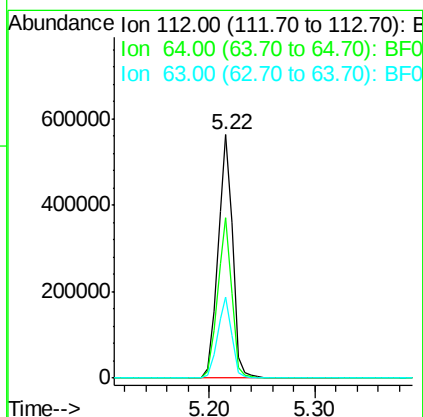
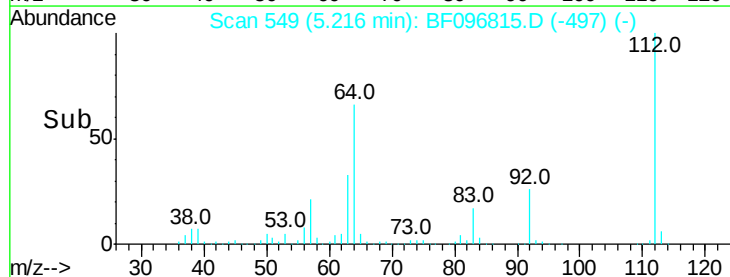
#5

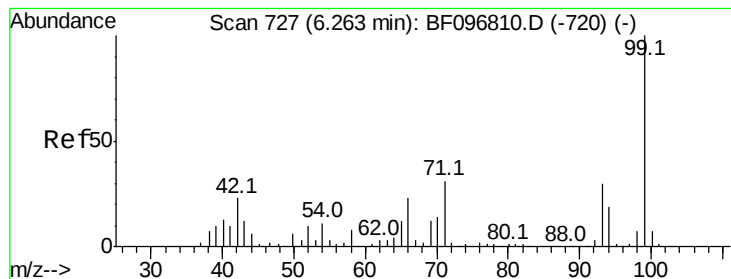
2-Fluorophenol
 Concen: 75.622 ng
 RT: 5.22 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Tgt Ion:112 Resp: 553934
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 33.2 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: 78.057 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

Instrument :

BNA_F

ClientSampleId :

DIESEL-BOTTOM

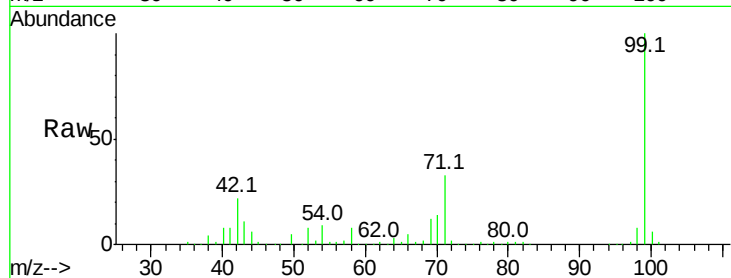
Tot Ion: 99 Resp: 686140

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

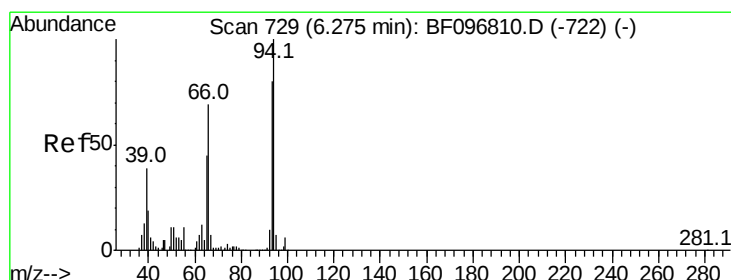
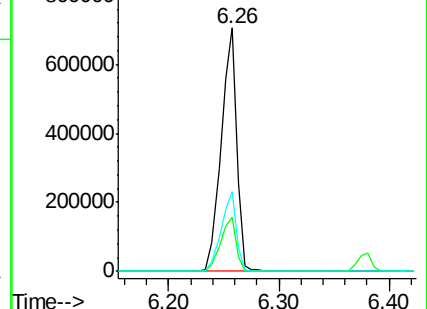
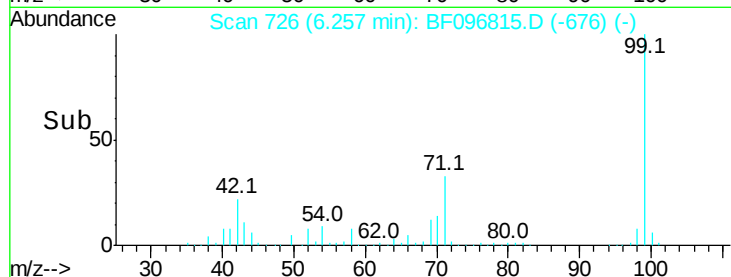
71 32.8 24.5 36.7



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: 2.067 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

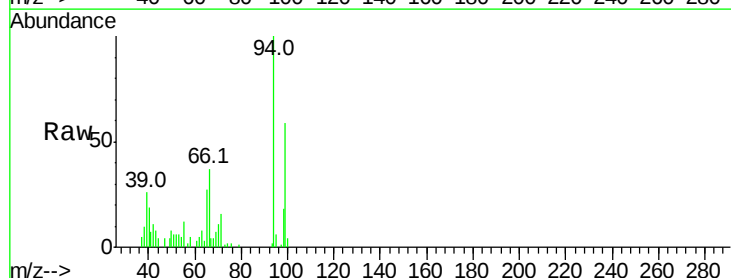
Tgt Ion: 94 Resp: 20544

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

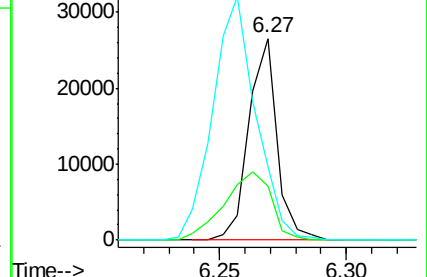
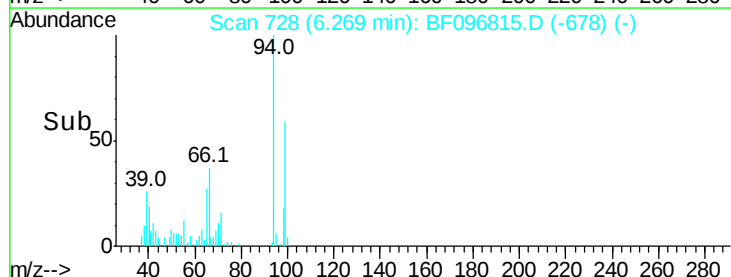
66 36.5 23.1 63.1

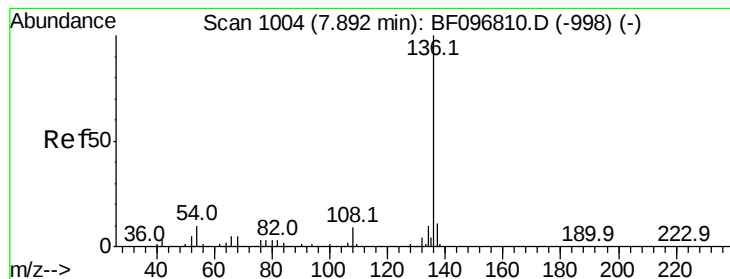


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

Instrument :

BNA_F

ClientSampleId :

DIESEL-BOTTOM

Tot Ion:136 Resp: 521494

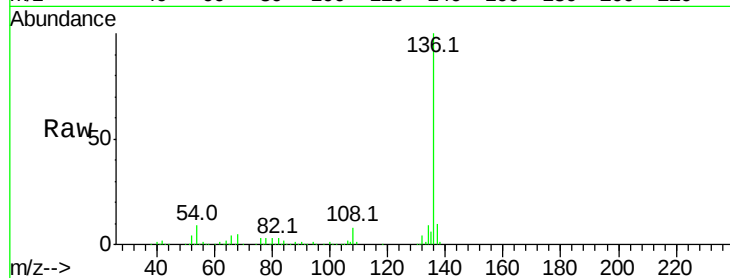
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.5 4.9 7.3#

68 5.0 4.1 6.1

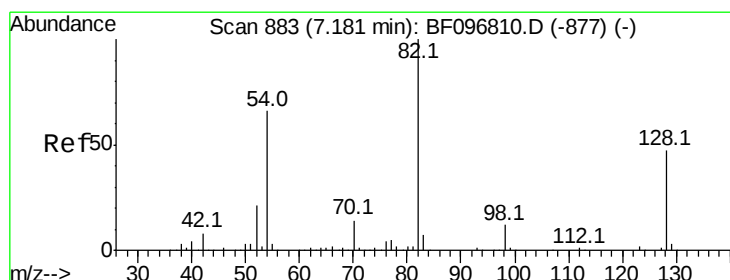
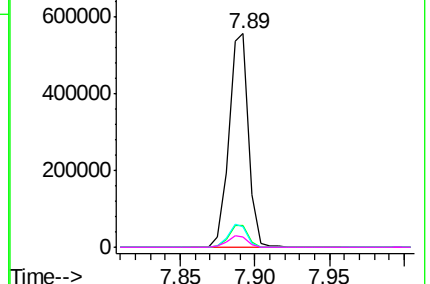
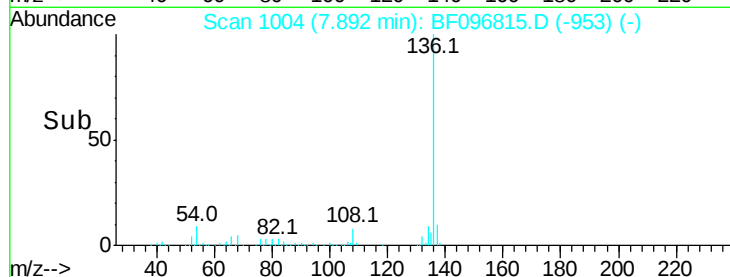


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.402 ng

RT: 7.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

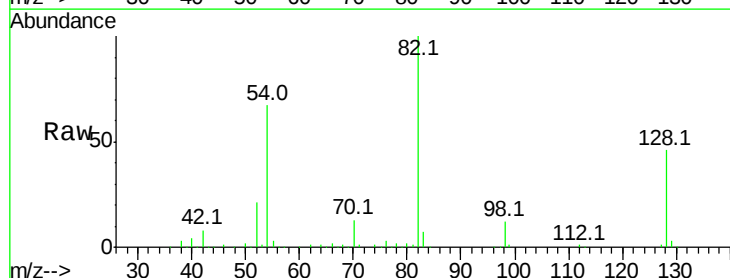
Tgt Ion: 82 Resp: 449606

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

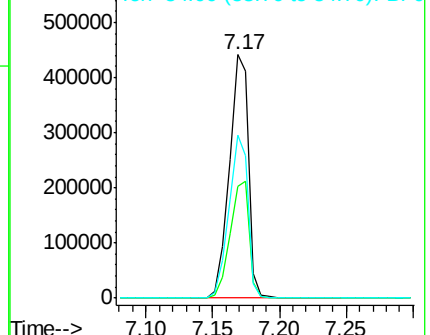
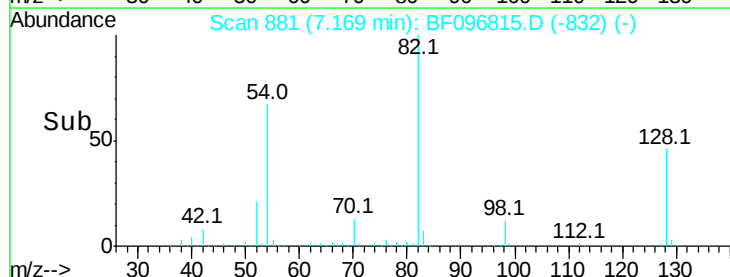
54 67.2 42.2 63.2#

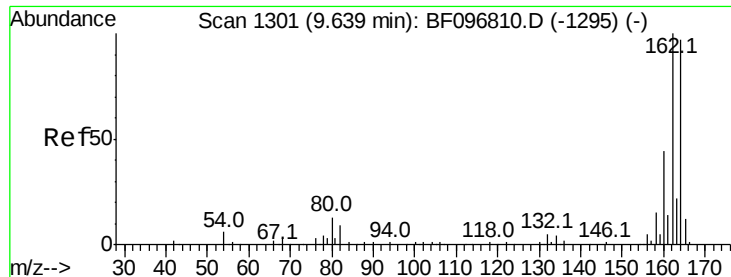


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

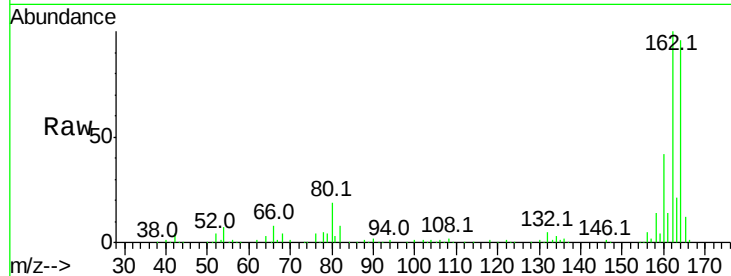




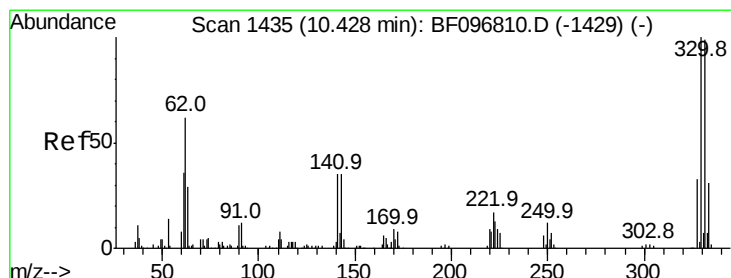
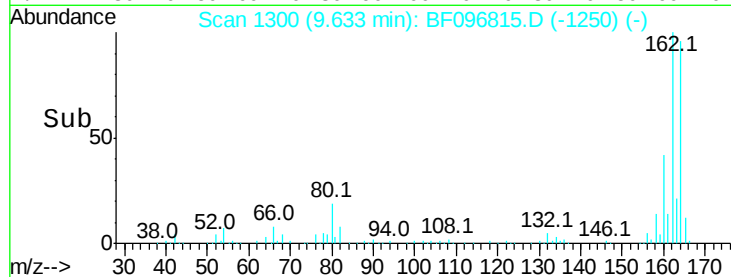
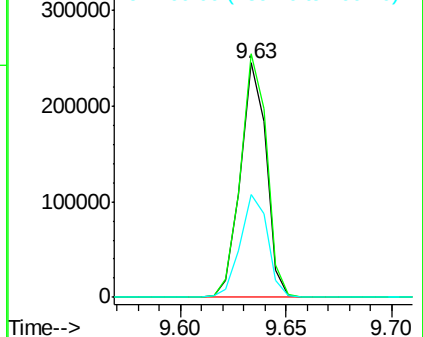
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :
 DIESEL-BOTTOM

Tot Ion:164 Resp: 207233
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 44.1 36.2 54.2

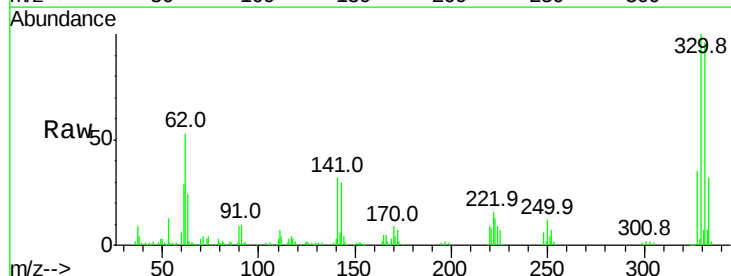


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

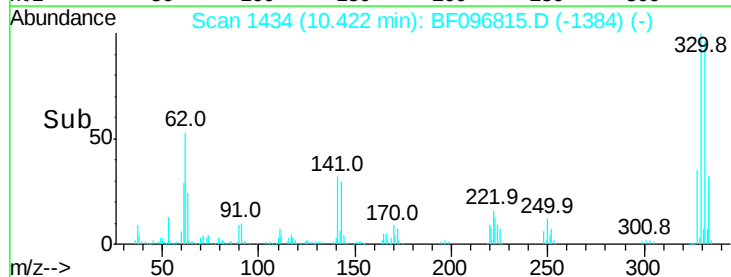
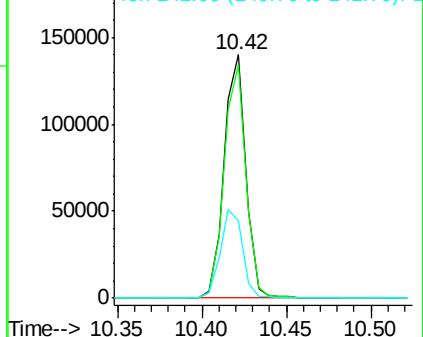


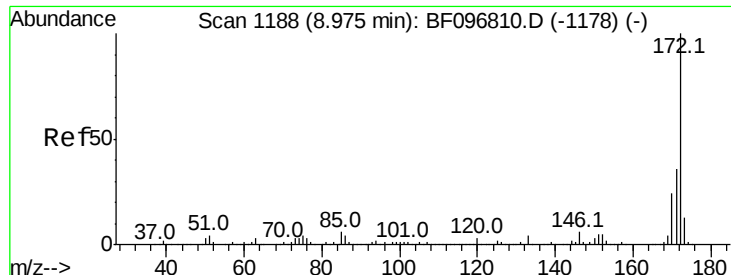
#41
 2,4,6-Tribromophenol
 Concen: 70.653 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Tgt Ion:330 Resp: 124979
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.6 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

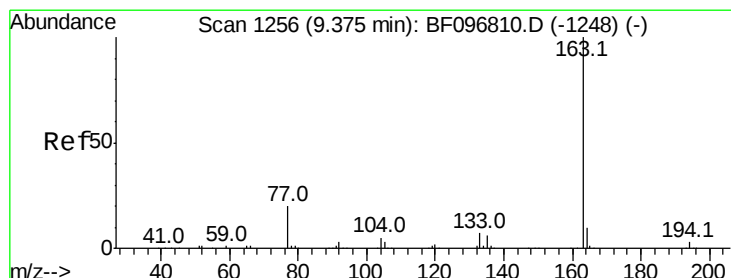
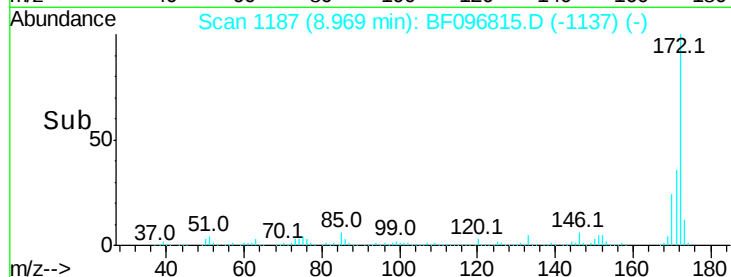
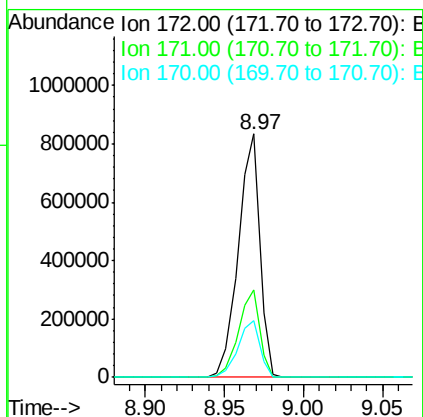
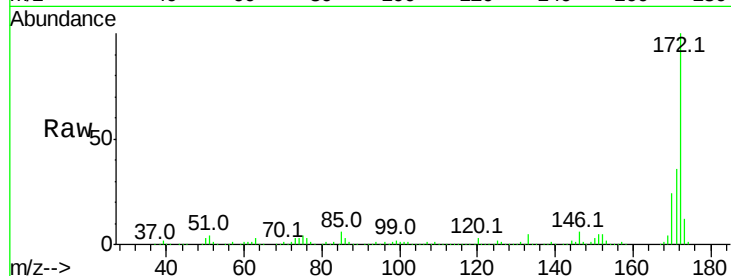




#44
 2-Fluorobiphenyl
 Concen: 59.702 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

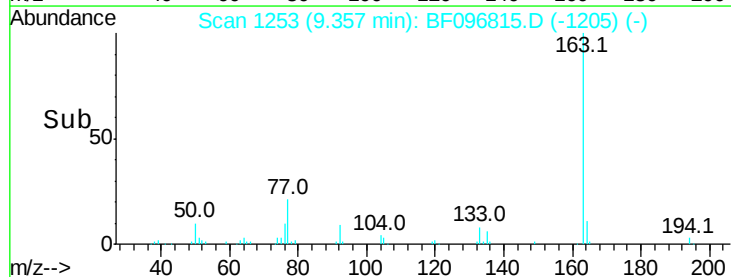
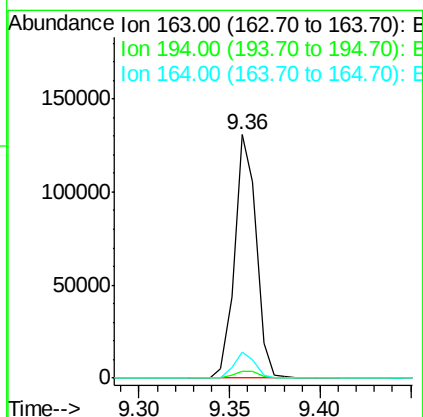
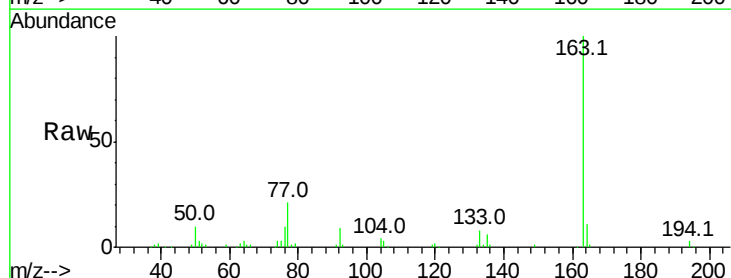
Instrument :
 BNA_F
 ClientSampleId :
 DIESEL-BOTTOM

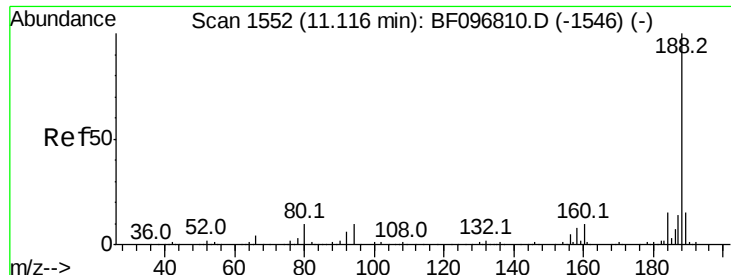
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.936 ng
 RT: 9.36 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.6	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

Instrument :

BNA_F

ClientSampleId :

DIESEL-BOTTOM

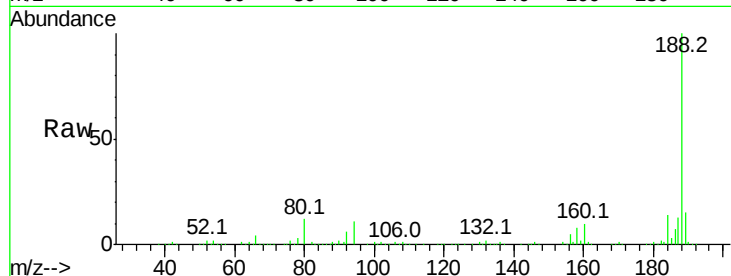
Tot Ion:188 Resp: 371060

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

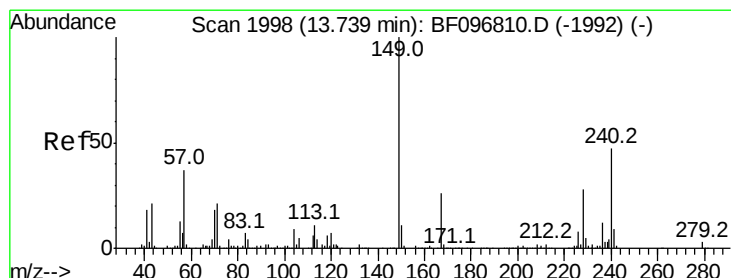
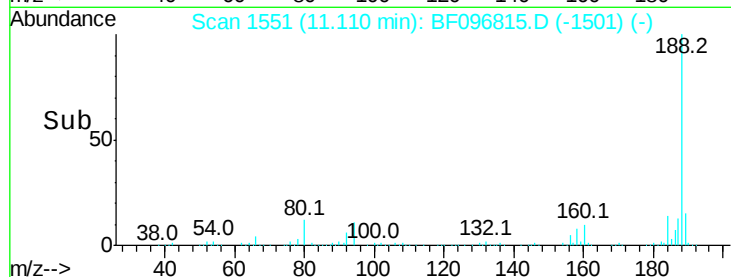
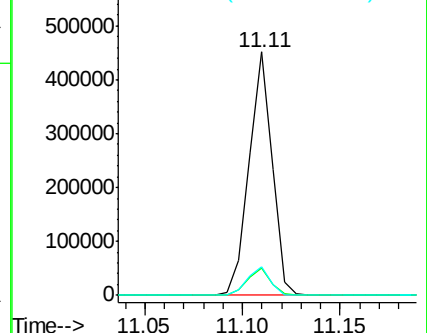
80 11.8 10.2 15.2



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: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096815.D

Acq: 17 Jul 2017 13:19

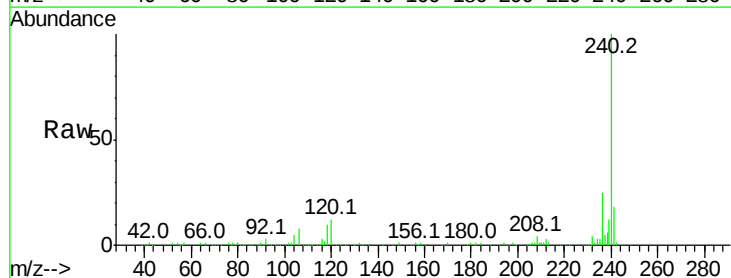
Tgt Ion:240 Resp: 205401

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

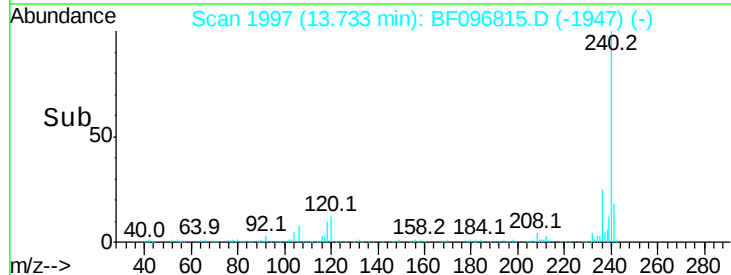
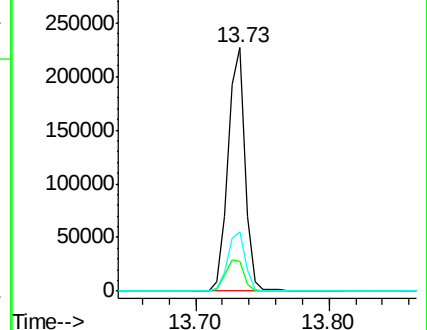
236 24.5 20.5 30.7

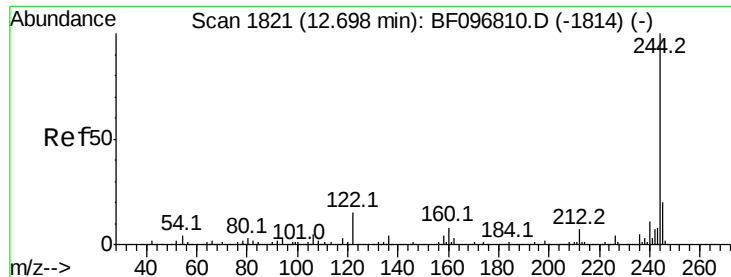


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

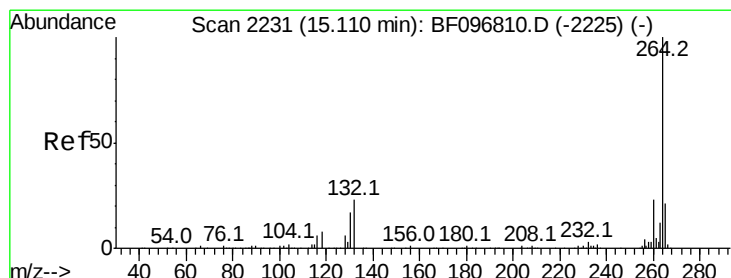
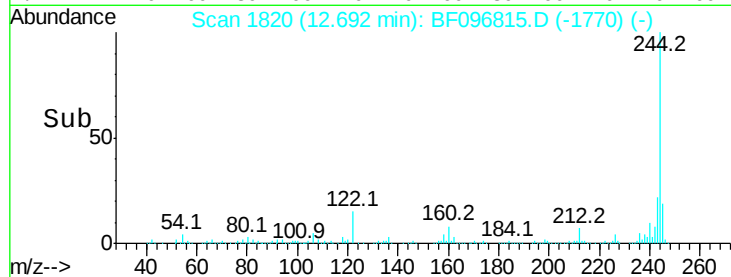
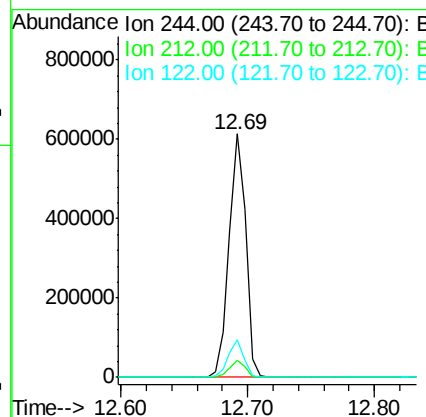
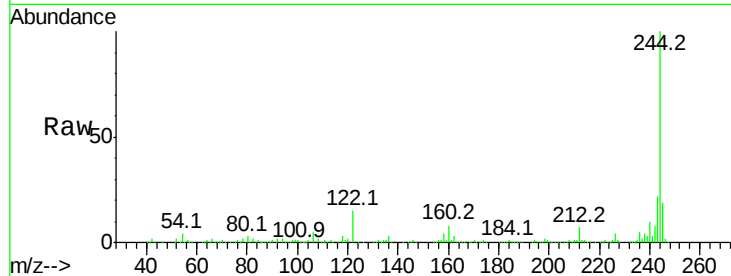




#78
 Terphenyl-d14
 Concen: 47.300 ng
 RT: 12.69 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :
 DIESEL-BOTTOM

Tot Ion:244 Resp: 560211
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF096815.D
 Acq: 17 Jul 2017 13:19

Tgt Ion:264 Resp: 186984
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.1 17.2 25.8

