

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050417\
 Data File : BF094878.D
 Acq On : 4 May 2017 17:26
 Operator : SJ/MA
 Sample : I2936-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP6-COMP(0.5-5FT)

Quant Time: May 04 17:54:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

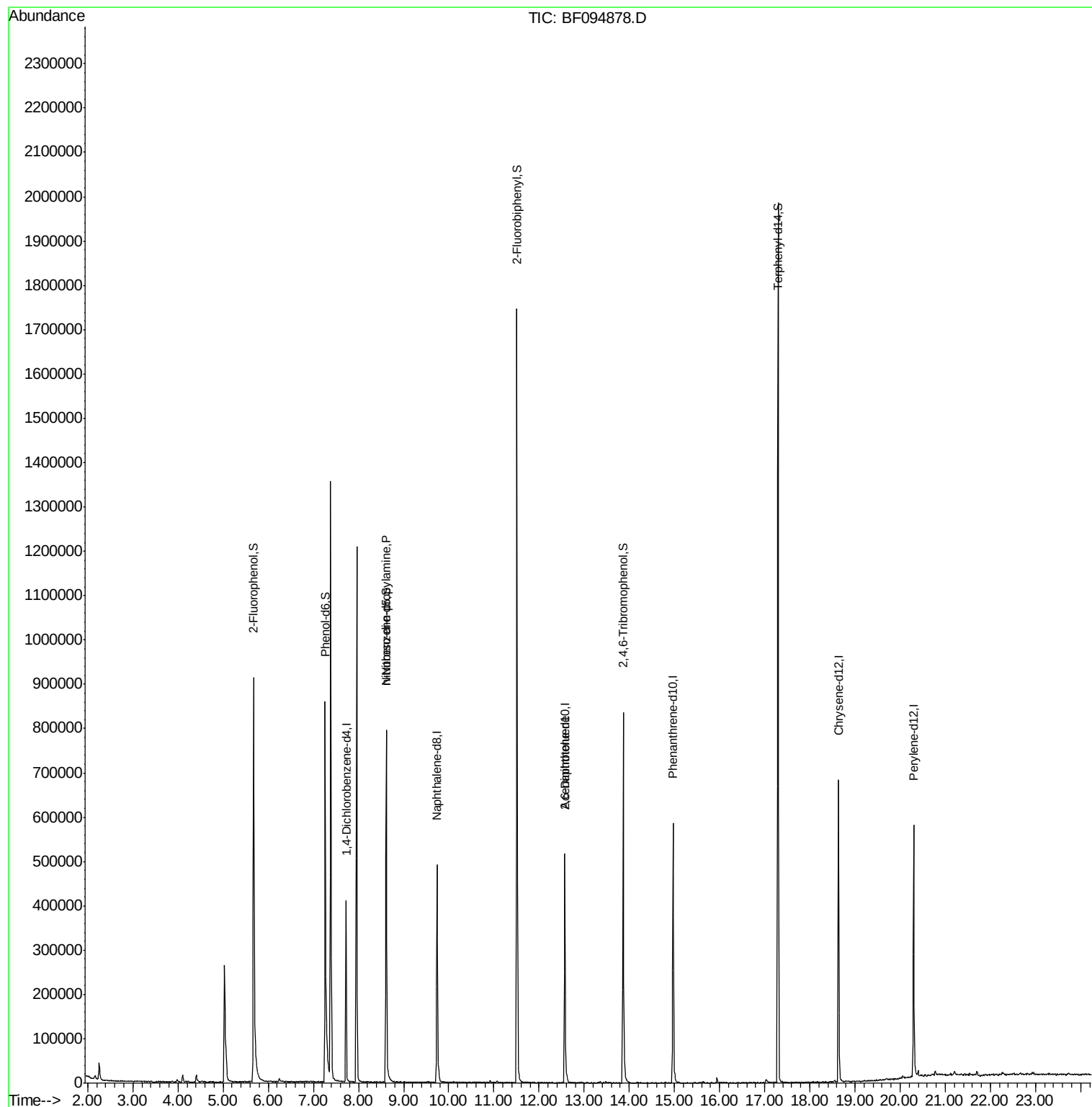
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87983	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	350466	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165128	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	312090	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	312362	20.00	ng	-0.02
86) Perylene-d12	20.30	264	269045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	488790	92.62	ng	0.00
7) Phenol-d6	7.26	99	543131	85.78	ng	-0.02
23) Nitrobenzene-d5	8.61	82	379031	68.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	152241	112.58	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	756207	65.91	ng	-0.02
78) Terphenyl-d14	17.29	244	822124	57.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	48197	11.25	ng	# 75
50) 2,6-Dinitrotoluene	12.57	165	17716	6.41	ng	# 31

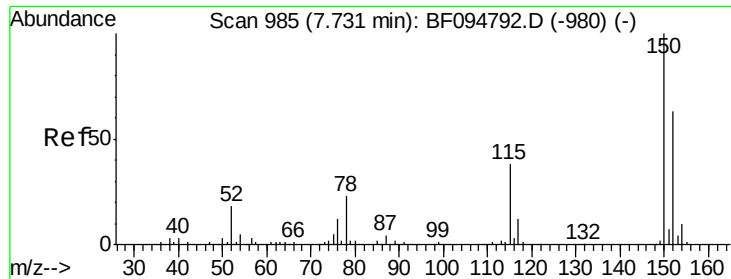
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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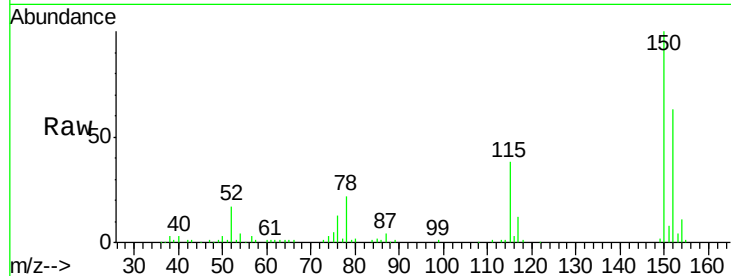


#1

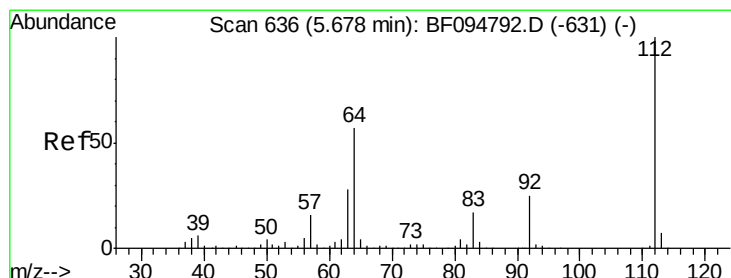
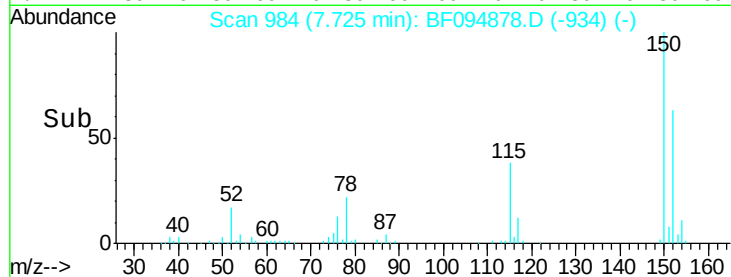
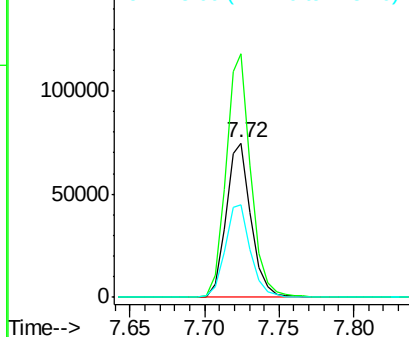
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094878.D
Acq: 4 May 2017 17:26

Instrument :
BNA_G
ClientSampleId :
TP6-COMP(0.5-5FT)

Tgt Ion:152 Resp: 87983
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 60.0 52.2 78.2



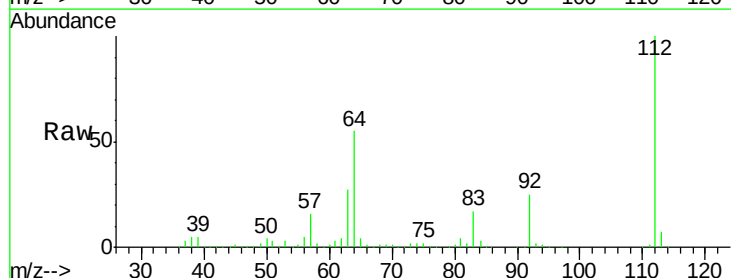
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



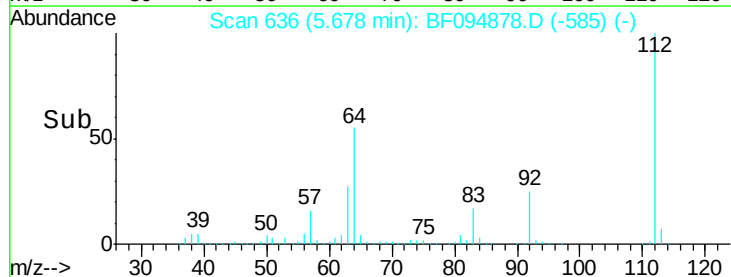
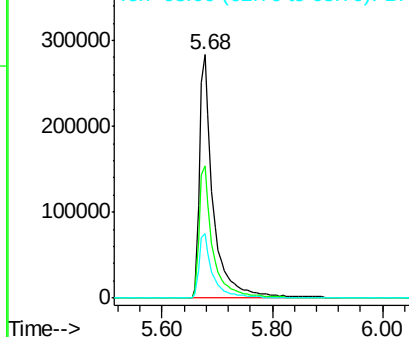
#5

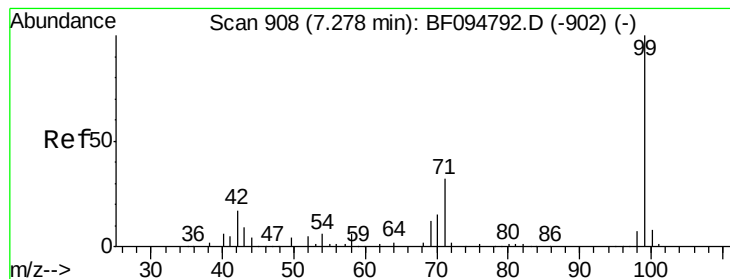
2-Fluorophenol
Concen: 92.62 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094878.D
Acq: 4 May 2017 17:26

Tgt Ion:112 Resp: 488790
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.5 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: 85.78 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

Instrument :

BNA_G

ClientSampleId :

TP6-COMP(0.5-5FT)

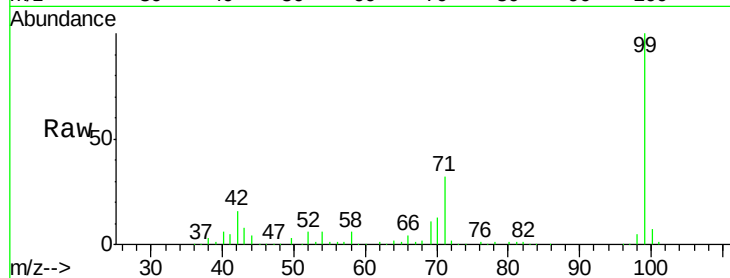
Tgt Ion: 99 Resp: 543131

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

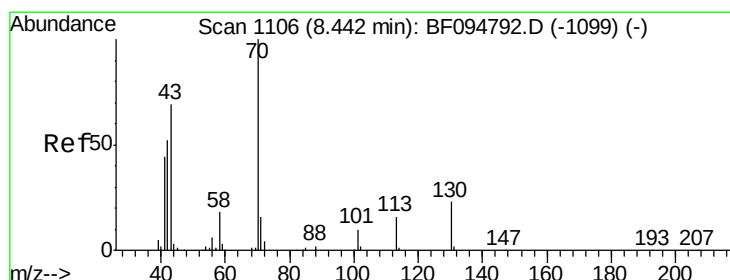
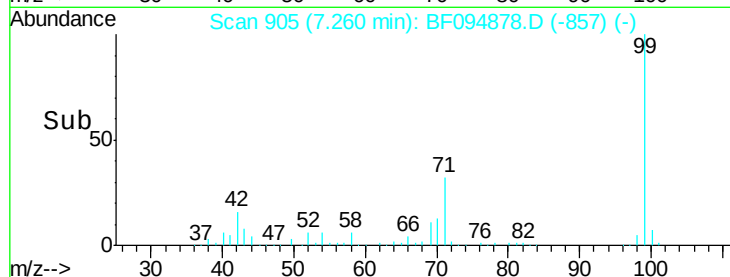
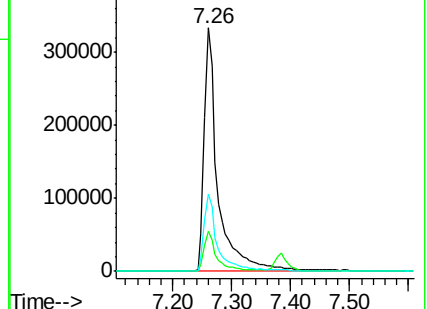
71 31.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.25 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

Tgt Ion: 70 Resp: 48197

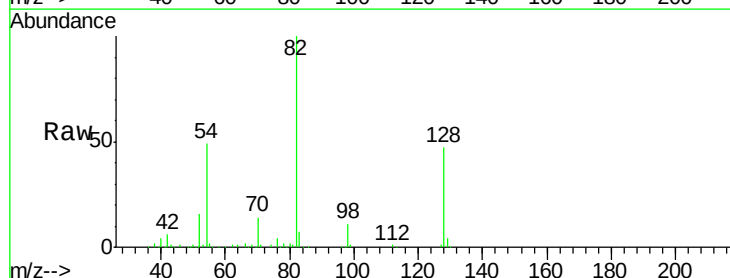
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

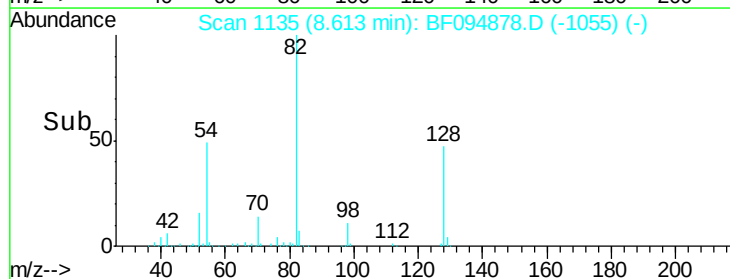
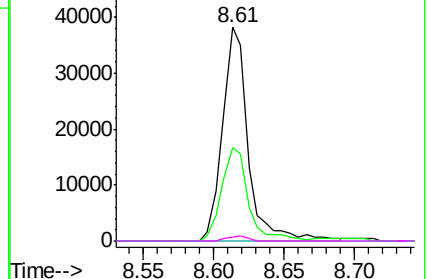


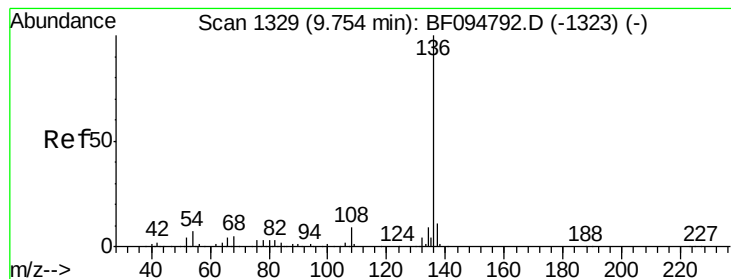
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

Instrument :

BNA_G

ClientSampleId :

TP6-COMP(0.5-5FT)

Tgt Ion: 136 Resp: 350466

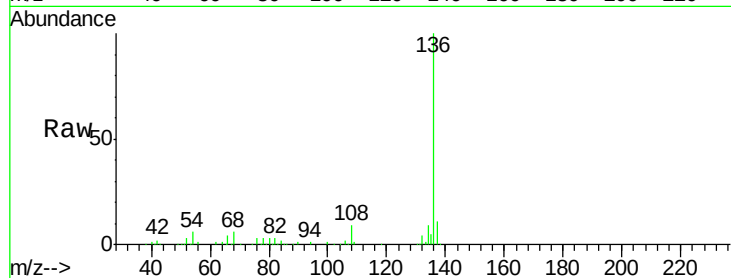
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.3 4.9 7.3

68 5.6 4.1 6.1

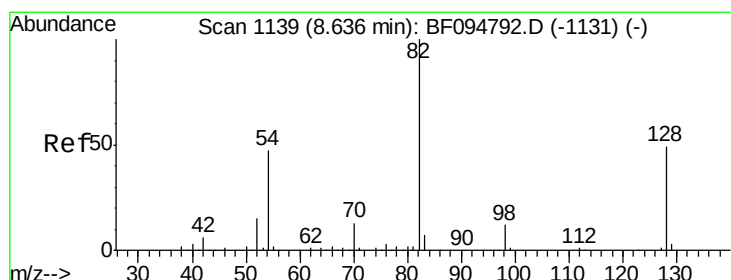
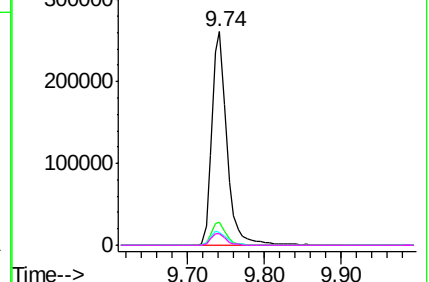
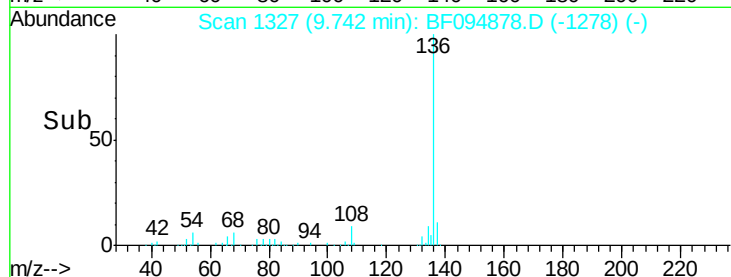


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.20 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

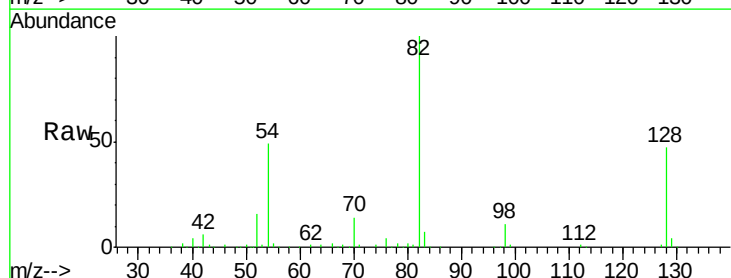
Tgt Ion: 82 Resp: 379031

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

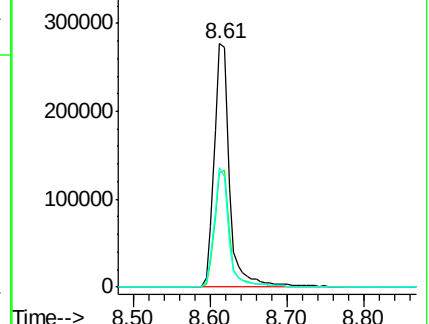
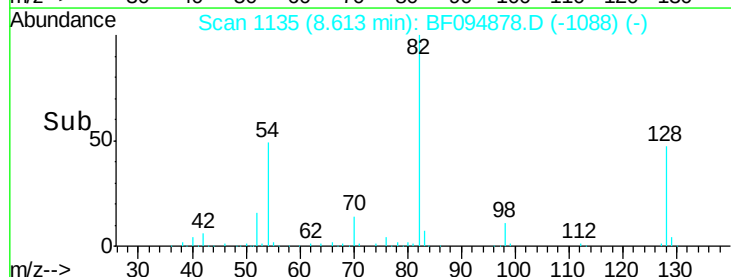
54 48.9 42.2 63.2

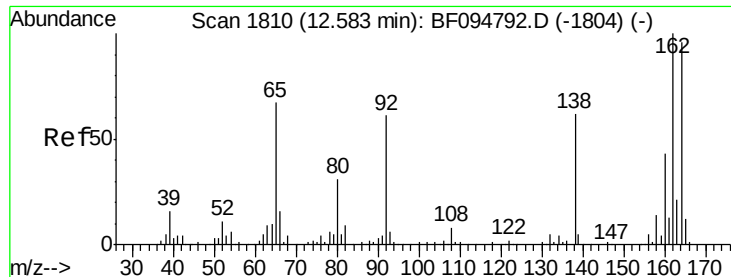


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

Instrument :

BNA_G

ClientSampleId :

TP6-COMP(0.5-5FT)

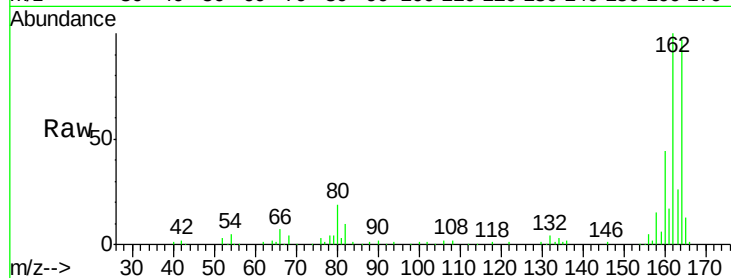
Tgt Ion:164 Resp: 165128

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

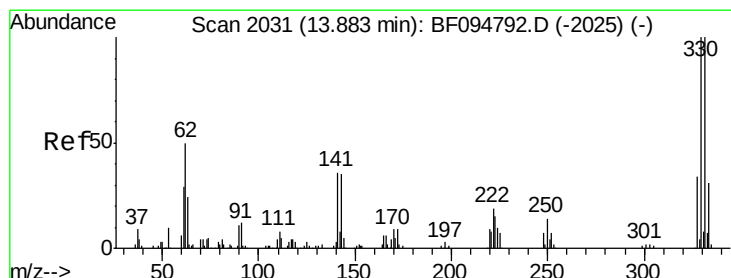
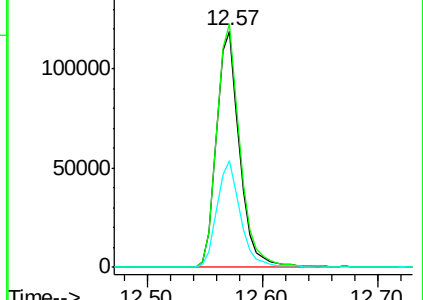
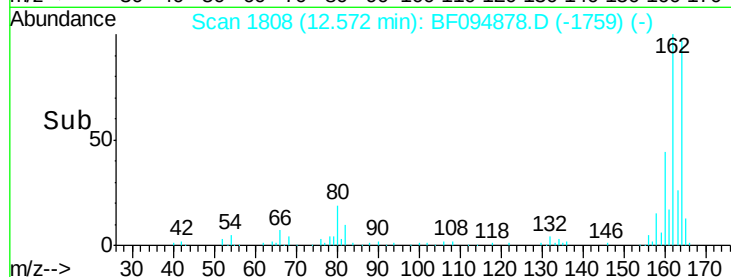
160 45.1 36.2 54.2



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: 112.58 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094878.D

Acq: 4 May 2017 17:26

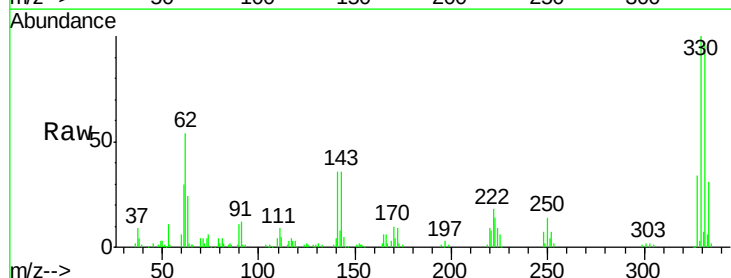
Tgt Ion:330 Resp: 152241

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

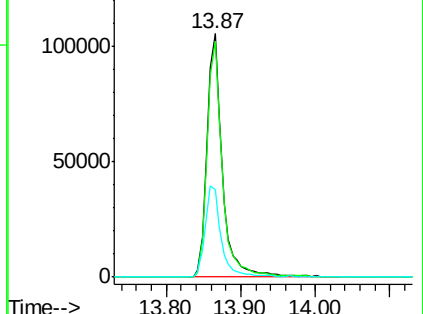
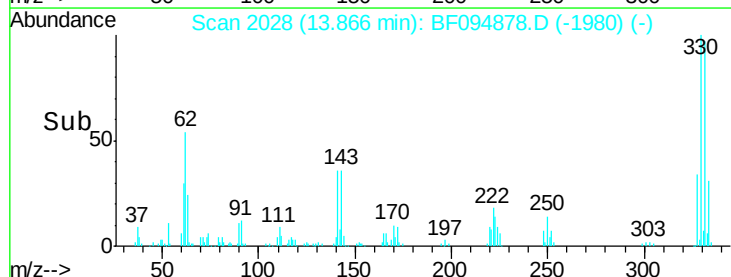
141 39.2 31.4 47.2

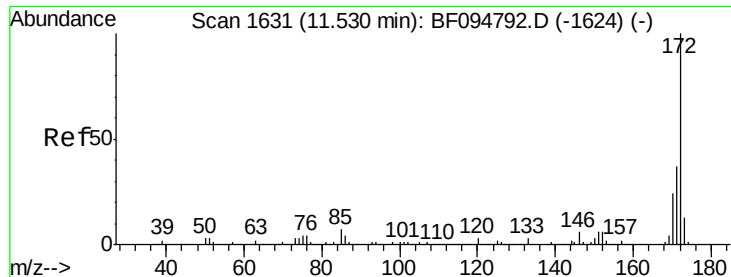


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

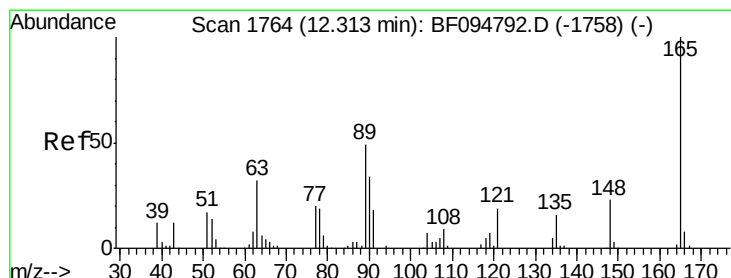
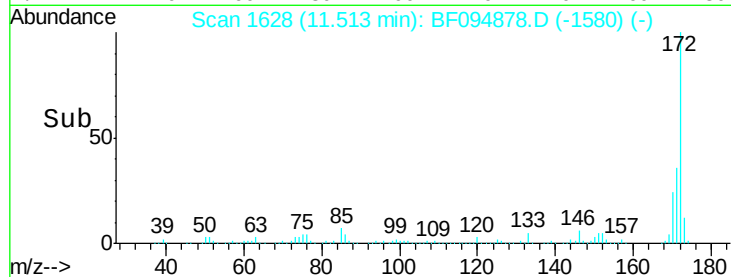
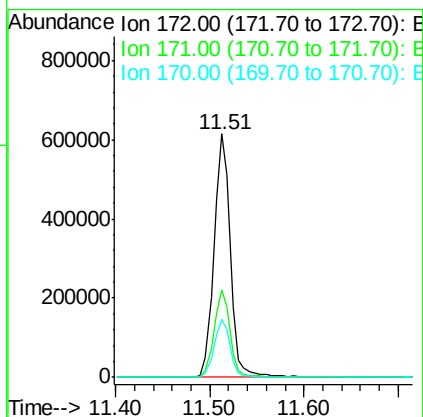
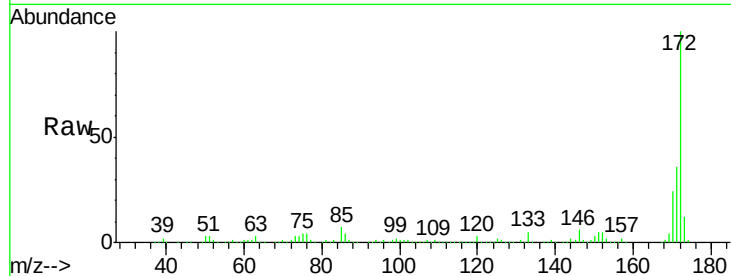




#44
 2-Fluorobiphenyl
 Concen: 65.91 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

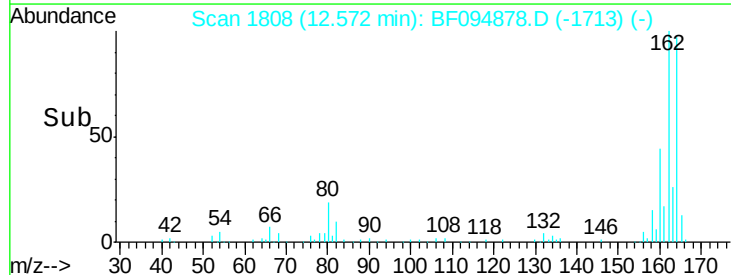
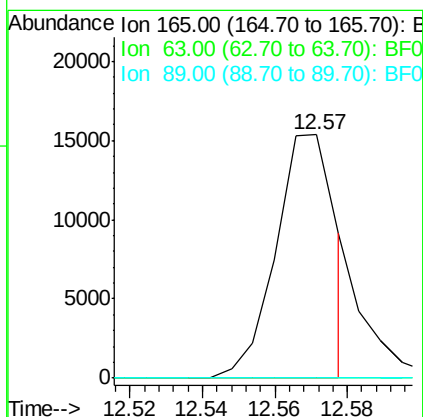
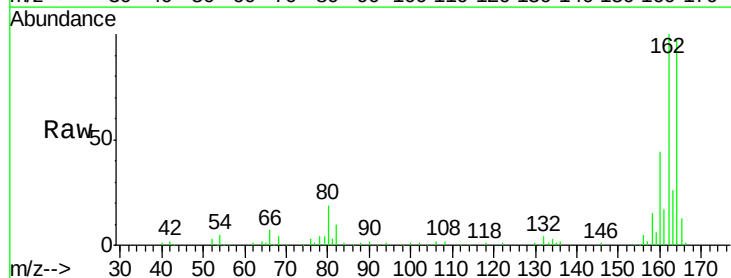
Instrument :
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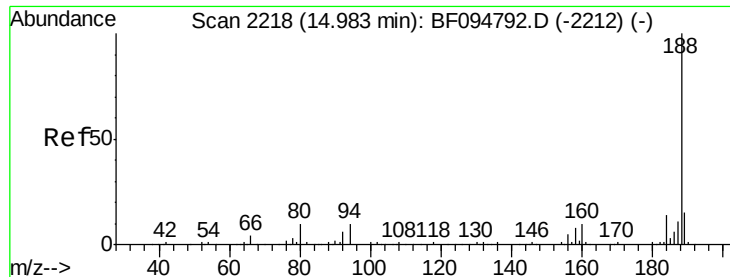
Tgt Ion:172 Resp: 756207
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.41 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

Tgt Ion:165 Resp: 17716
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

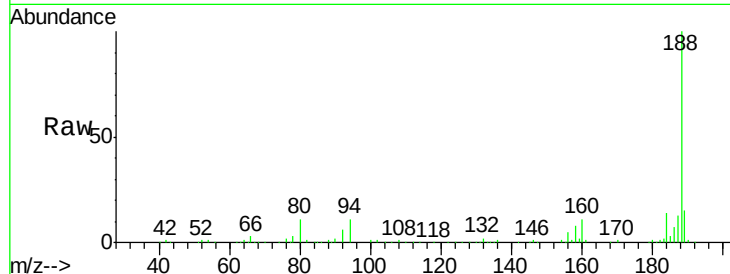




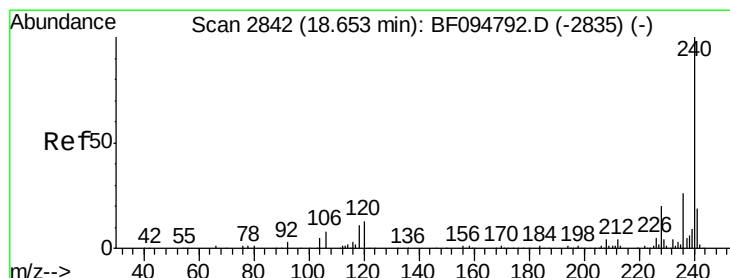
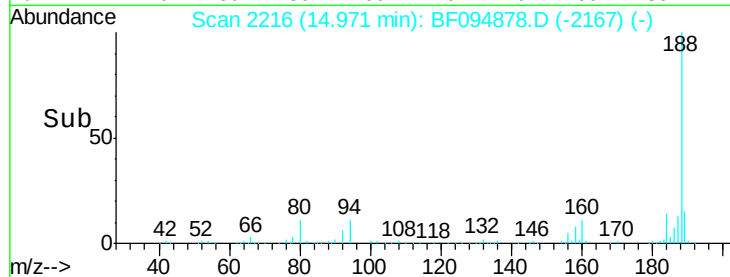
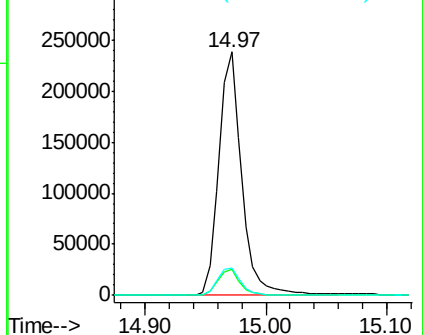
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

Instrument :
 BNA_G
 ClientSampleId :
 TP6-COMP(0.5-5FT)

Tgt Ion:188 Resp: 312090
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.1 10.2 15.2

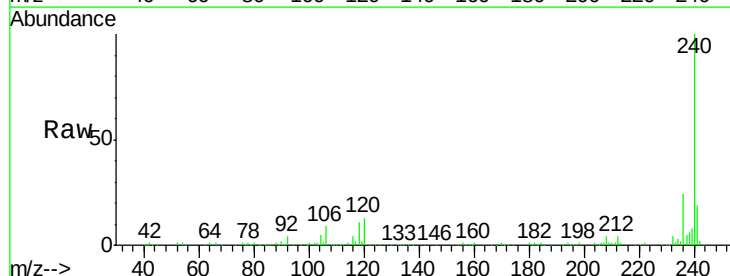


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

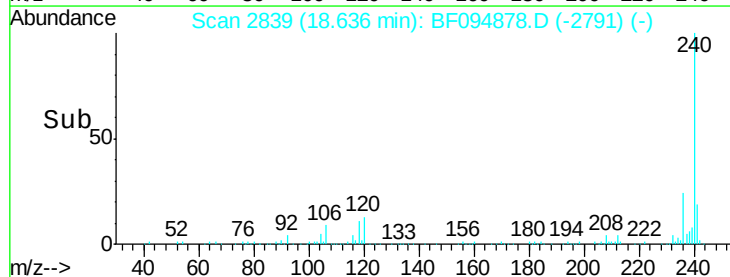
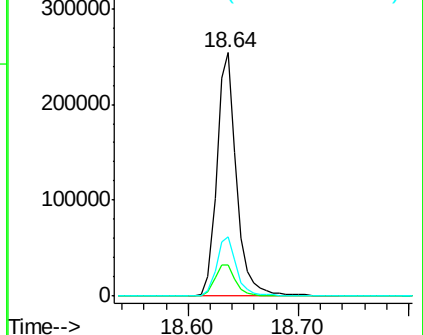


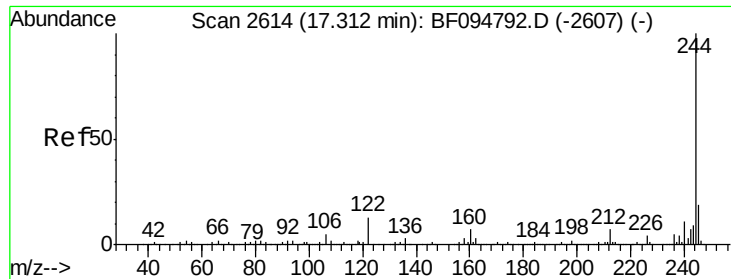
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

Tgt Ion:240 Resp: 312362
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 24.3 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

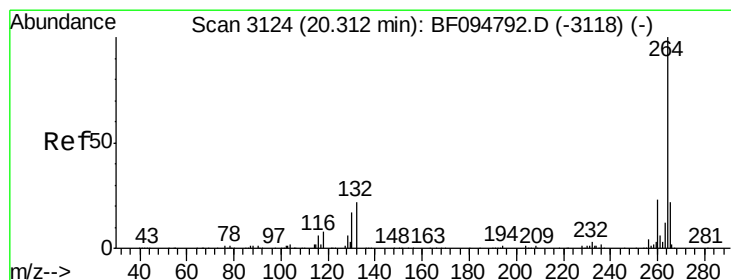
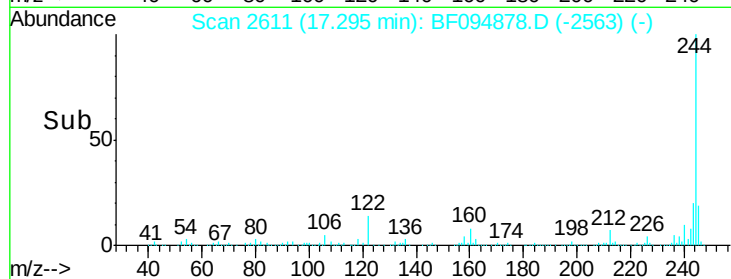
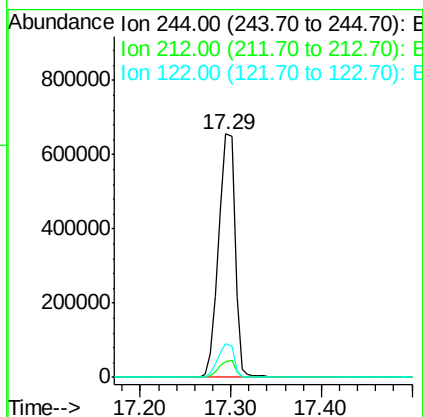
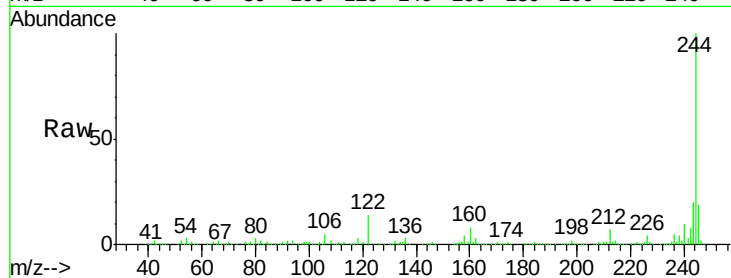




#78
 Terphenyl-d14
 Concen: 57.97 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

Instrument :
 BNA_G
 ClientSampleId :
 TP6-COMP(0.5-5FT)

Tgt Ion:244 Resp: 822124
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094878.D
 Acq: 4 May 2017 17:26

Tgt Ion:264 Resp: 269045
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.6 17.2 25.8

