

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095662.D
 Acq On : 3 Jun 2017 7:33
 Operator : SJ/MA
 Sample : I3436-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 05:02:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

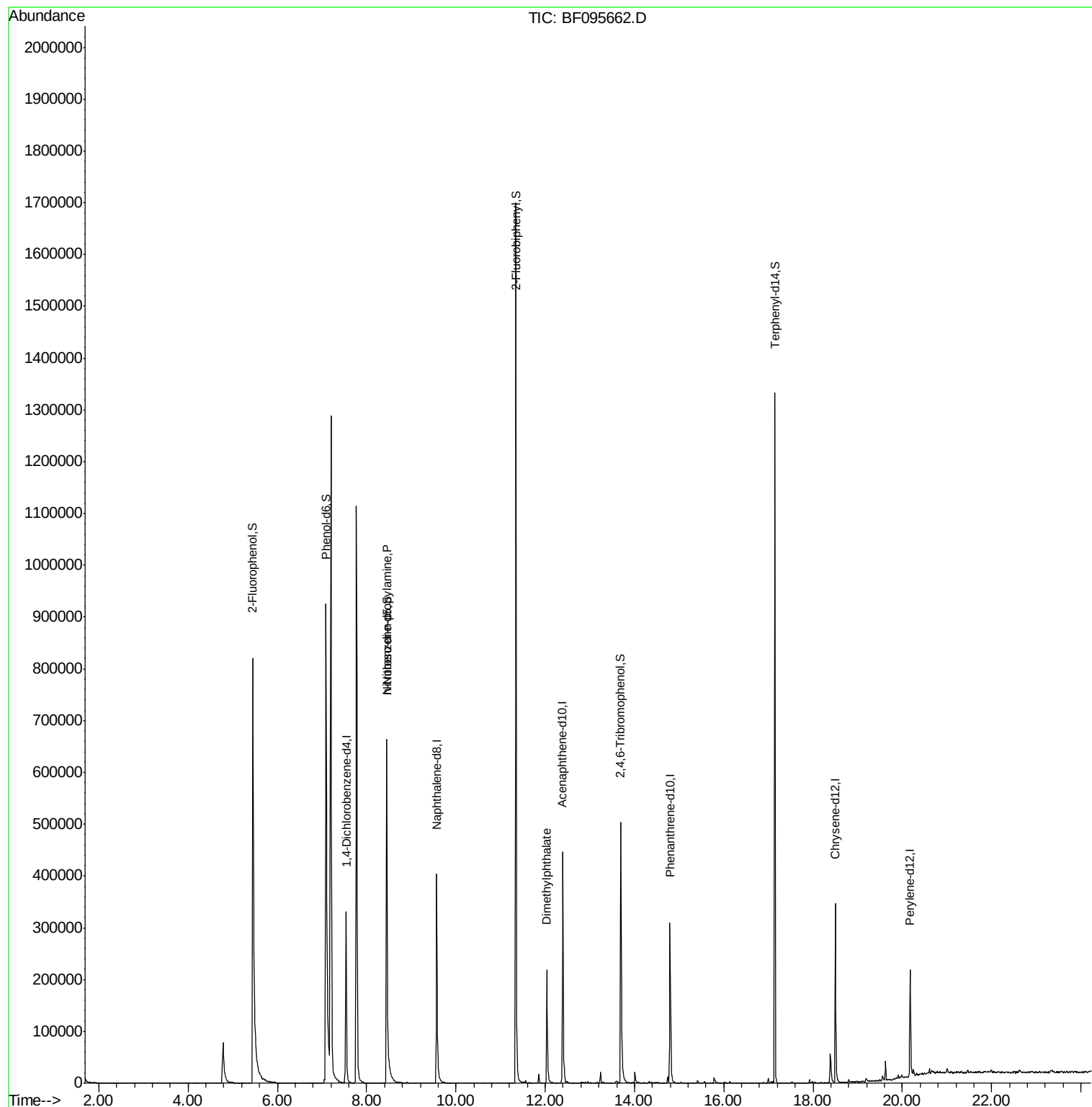
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	83840	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	326767	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	133011	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	194747	20.00	ng	0.00
75) Chrysene-d12	18.50	240	165987	20.00	ng	0.00
86) Perylene-d12	20.17	264	109740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	559696	111.30	ng	0.00
7) Phenol-d6	7.09	99	701605	116.28	ng	-0.01
23) Nitrobenzene-d5	8.45	82	385443	74.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	101981	93.62	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	759277	82.16	ng	0.00
78) Terphenyl-d14	17.14	244	486226	64.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	47909	11.74	ng	Qvalue # 74
49) Dimethylphthalate	12.04	163	160740	14.72	ng	98

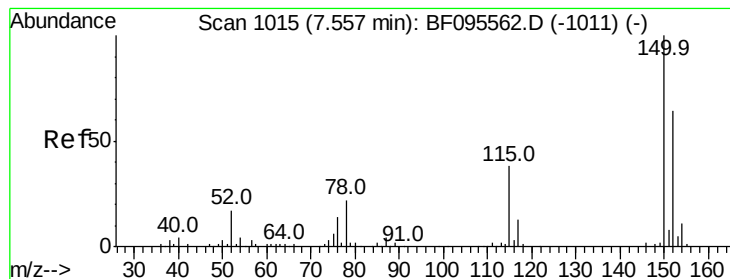
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :
BNA_F
ClientSampleId :

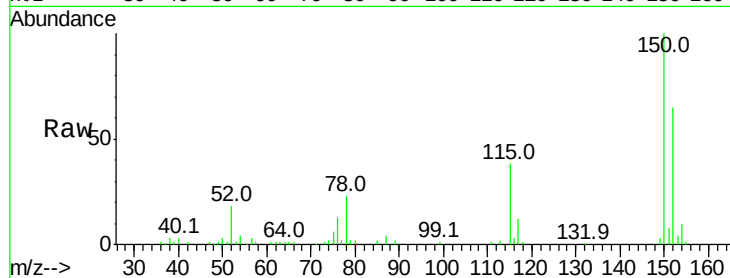
Tot Ion:152 Resp: 83840

Ion Ratio Lower Upper

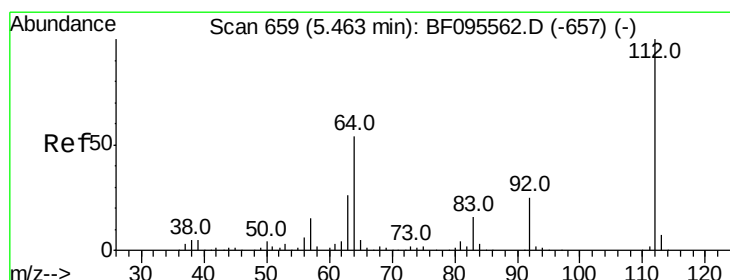
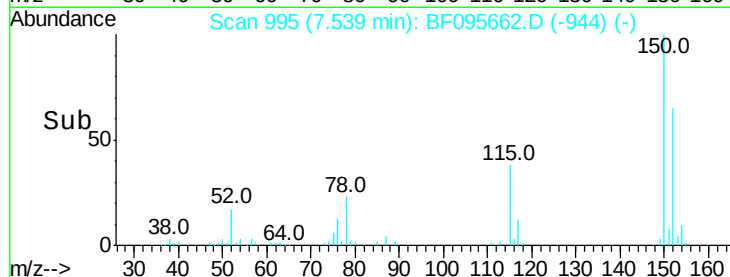
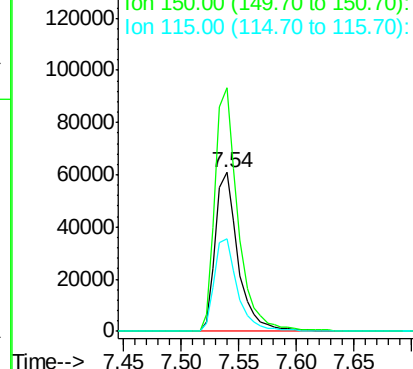
152 100

150 153.5 126.2 189.2

115 58.7 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: 111.30 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

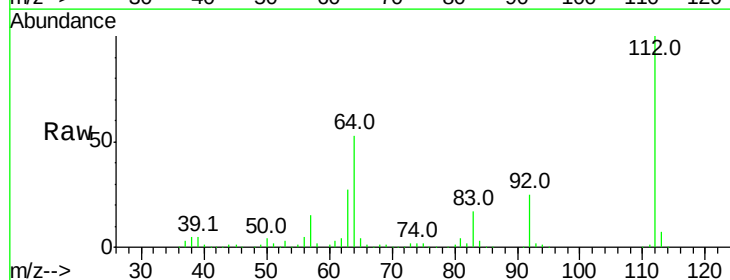
Tgt Ion:112 Resp: 559696

Ion Ratio Lower Upper

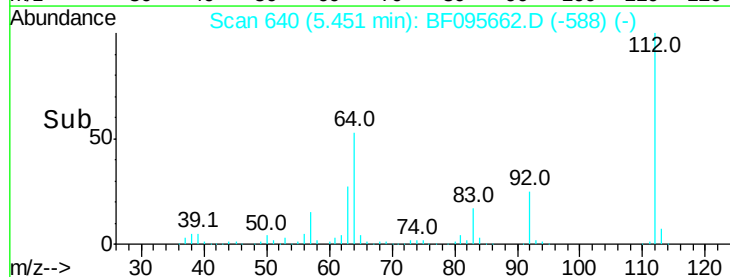
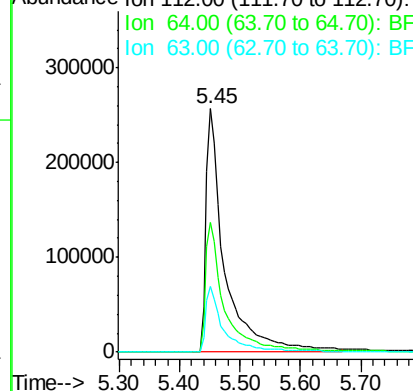
112 100

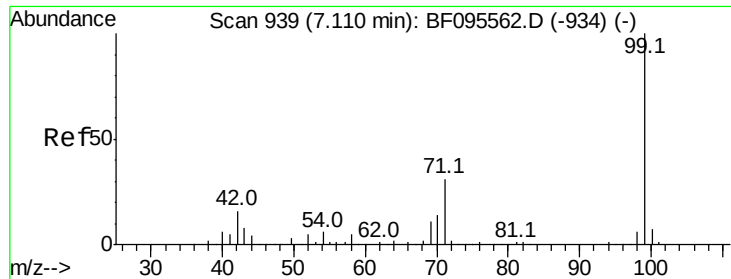
64 53.5 46.0 69.0

63 27.1 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: 116.28 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA_F

ClientSampled :

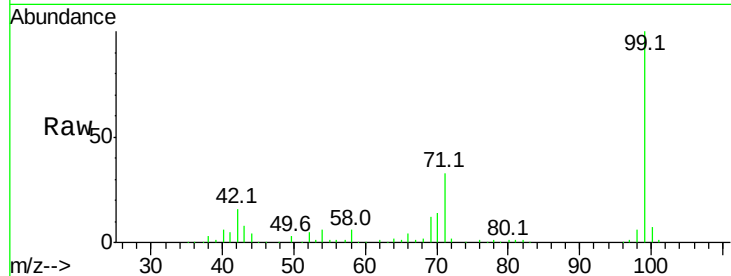
Tot Ion: 99 Resp: 701605

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

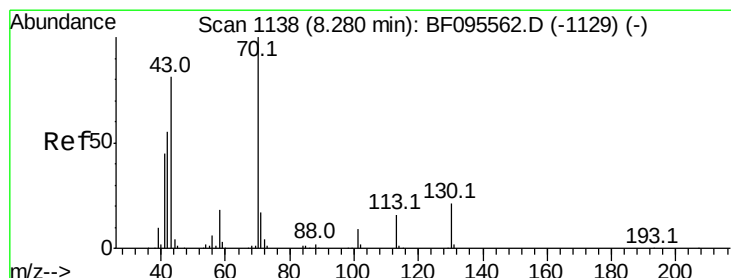
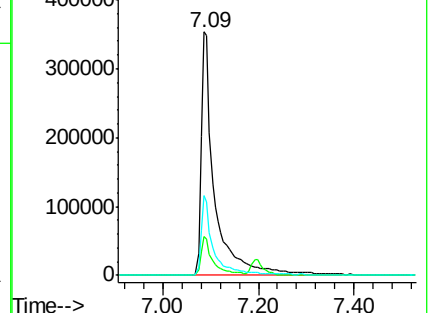
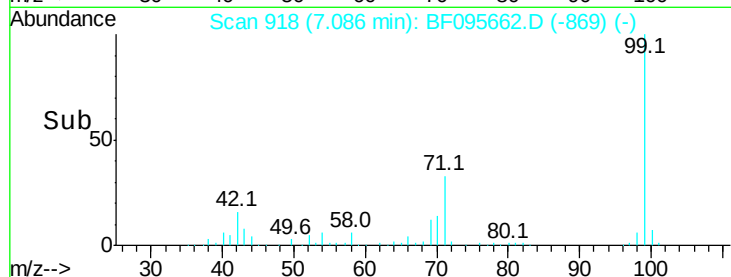
71 32.6 24.5 36.7



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: 11.74 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Tgt Ion: 70 Resp: 47909

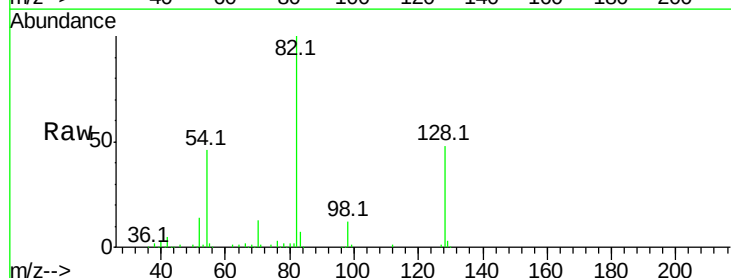
Ion Ratio Lower Upper

70 100

42 41.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

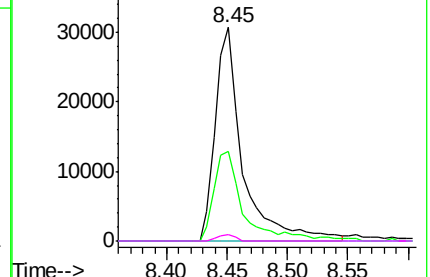
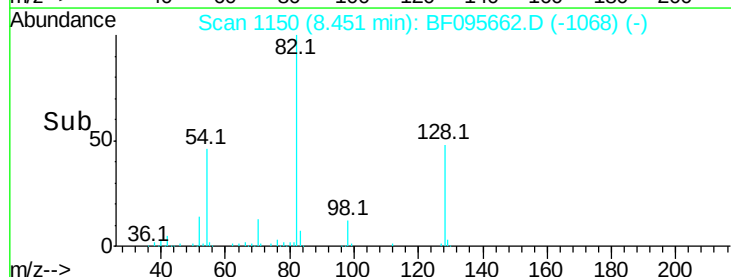


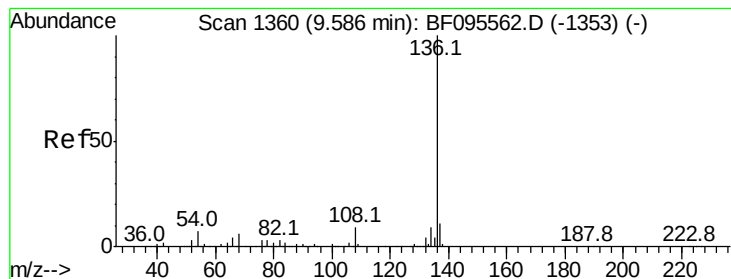
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 326767

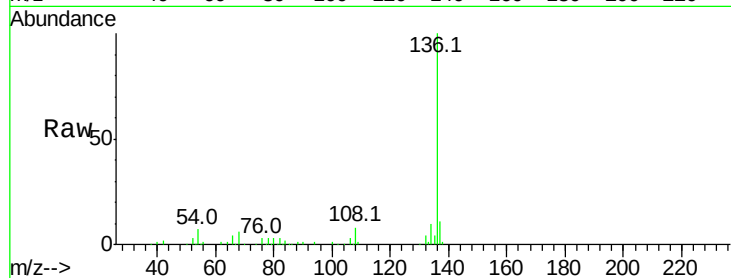
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

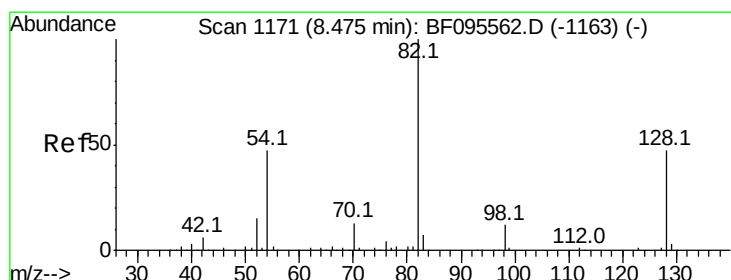
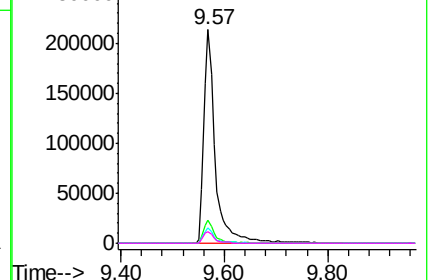
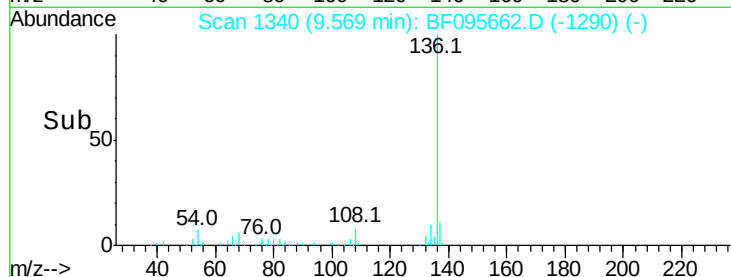


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.38 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

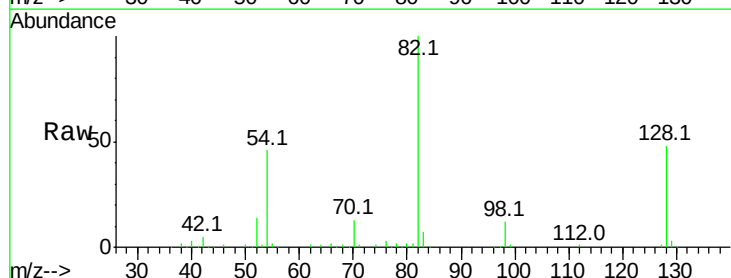
Tgt Ion: 82 Resp: 385443

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

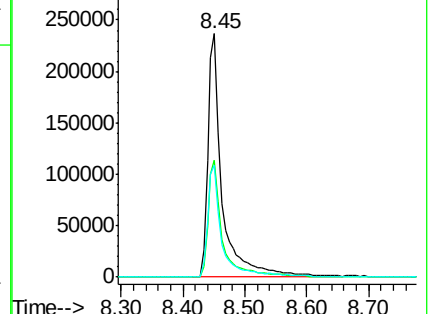
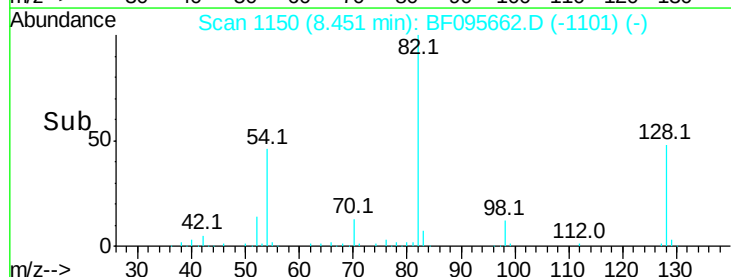
54 46.0 42.2 63.2

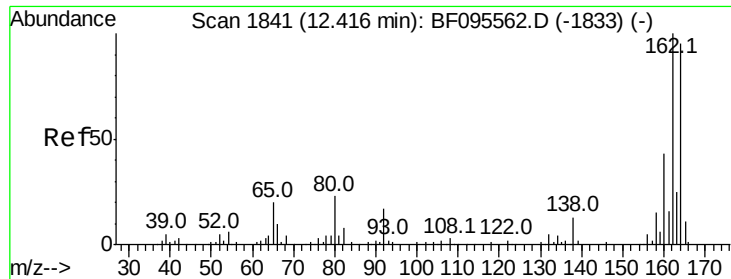


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

Instrument :

BNA_F

ClientSampleId :

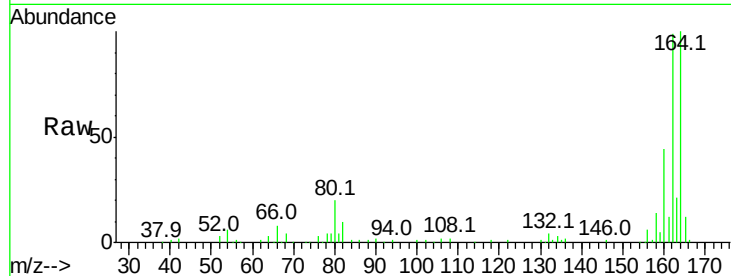
Tot Ion:164 Resp: 133011

Ion Ratio Lower Upper

164 100

162 98.9 82.6 123.8

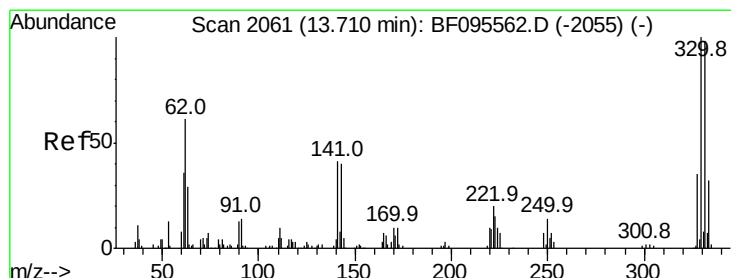
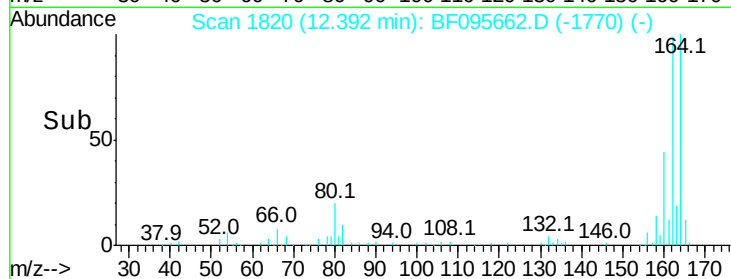
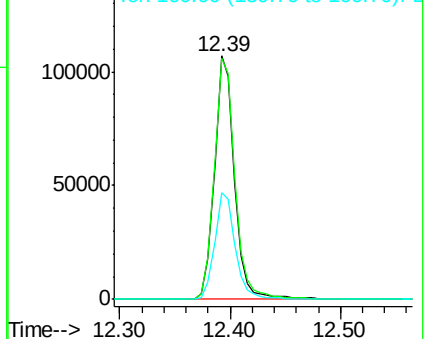
160 43.6 36.2 54.2



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: 93.62 ng

RT: 13.70 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF095662.D

Acq: 3 Jun 2017 7:33

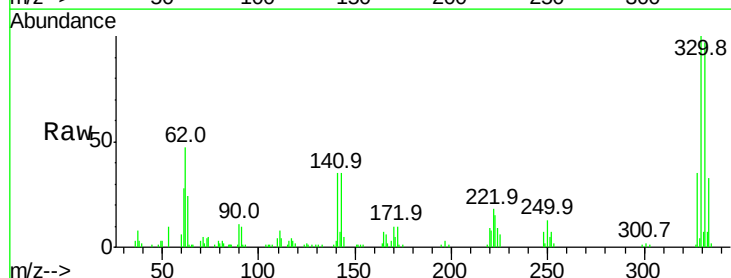
Tgt Ion:330 Resp: 101981

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

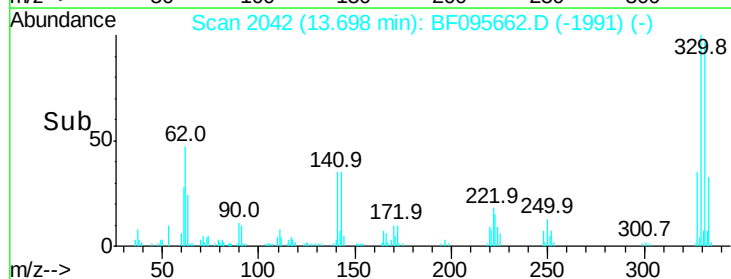
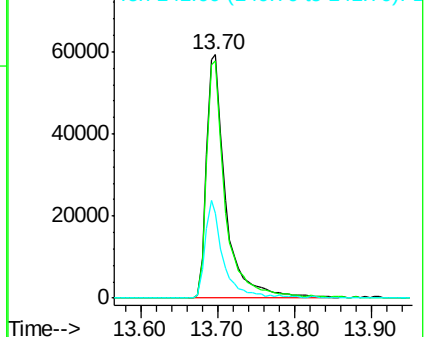
141 38.1 31.4 47.2

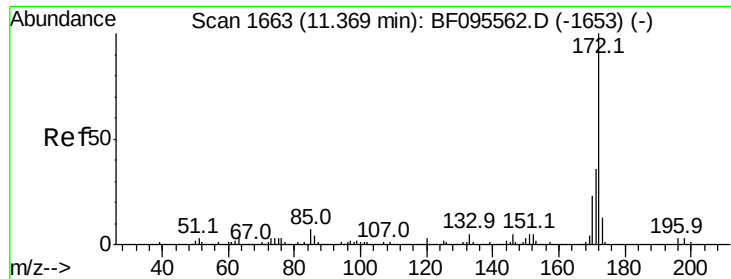


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

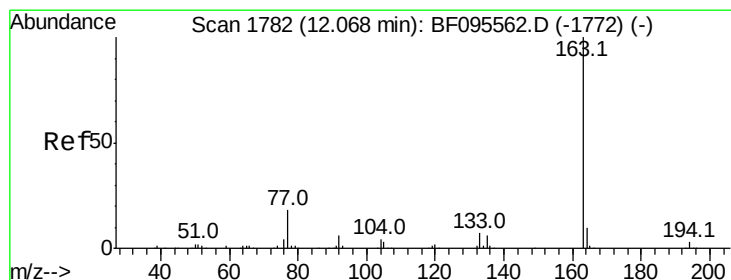
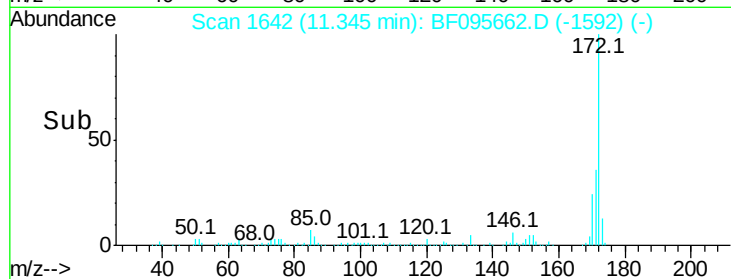
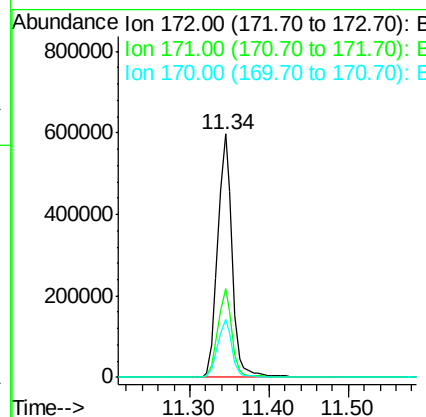
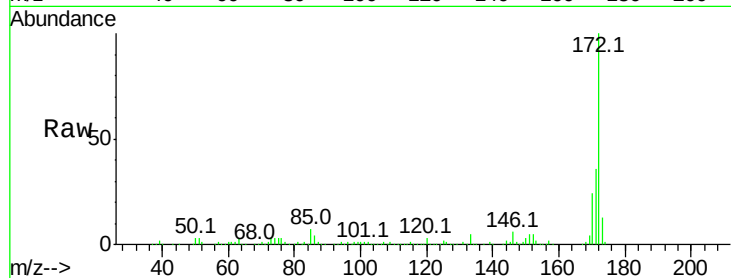




#44
2-Fluorobiphenyl
Concen: 82.16 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095662.D
Acq: 3 Jun 2017 7:33

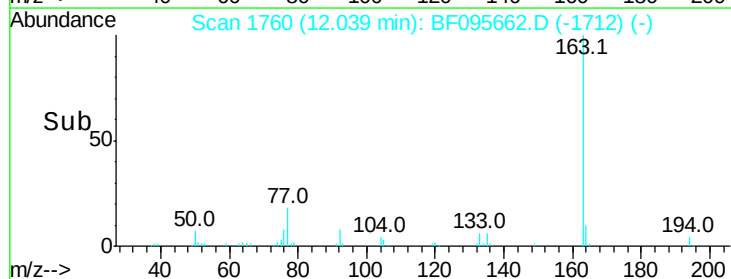
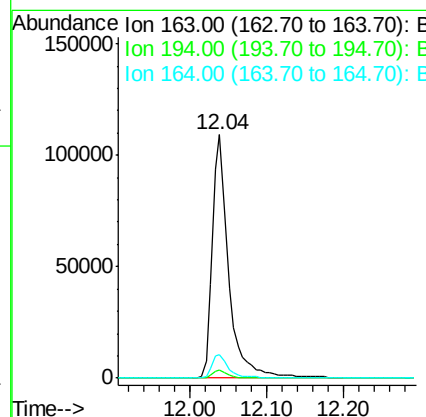
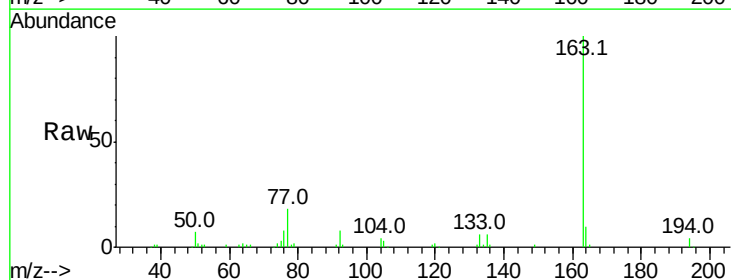
Instrument :
BNA_F
ClientSampleId :

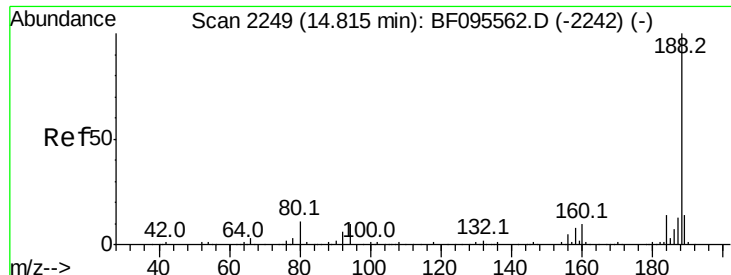
Tot Ion:172 Resp: 759277
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 14.72 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095662.D
Acq: 3 Jun 2017 7:33

Tgt Ion:163 Resp: 160740
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

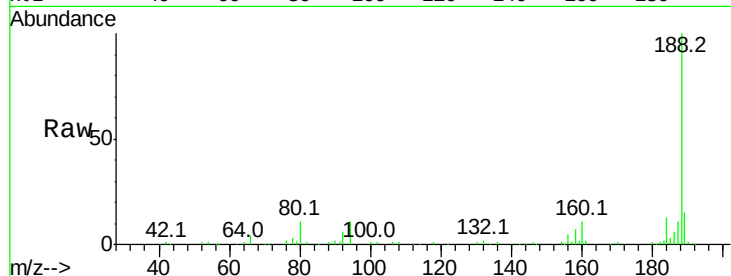




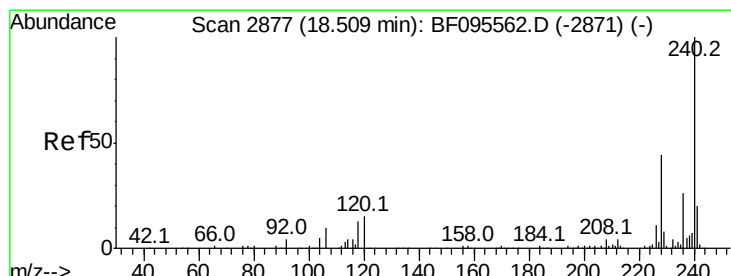
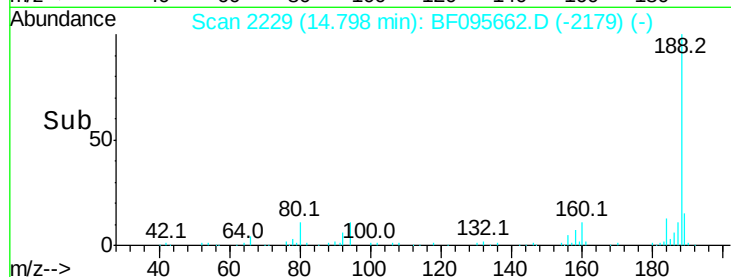
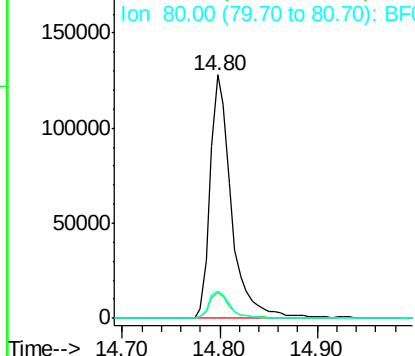
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095662.D
Acq: 3 Jun 2017 7:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 194747
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 10.2 15.2

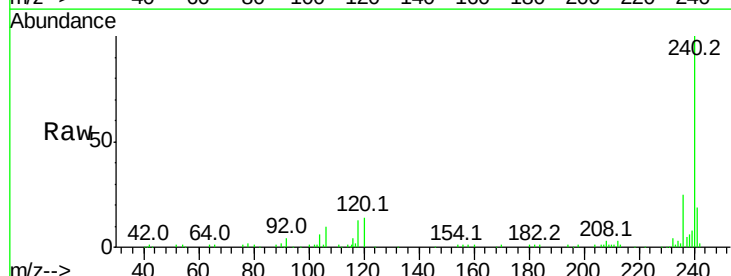


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

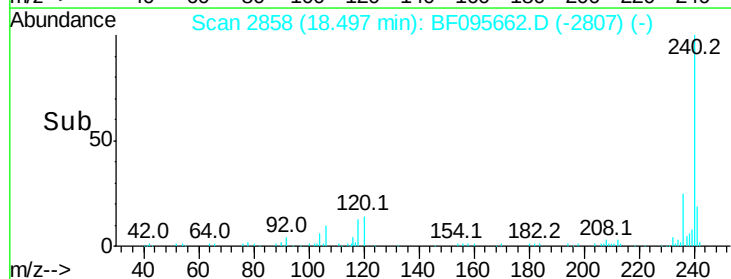
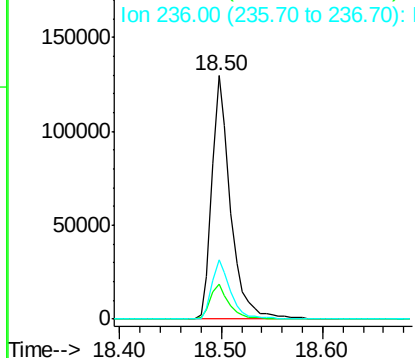


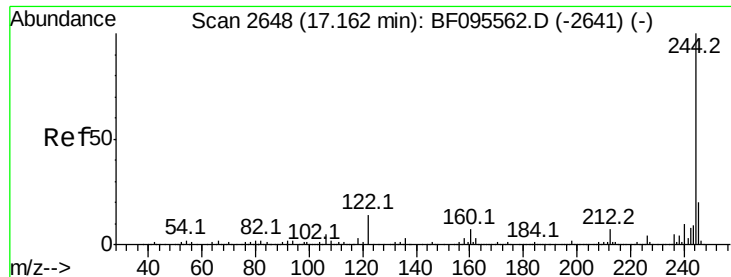
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095662.D
Acq: 3 Jun 2017 7:33

Tgt Ion:240 Resp: 165987
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.6 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

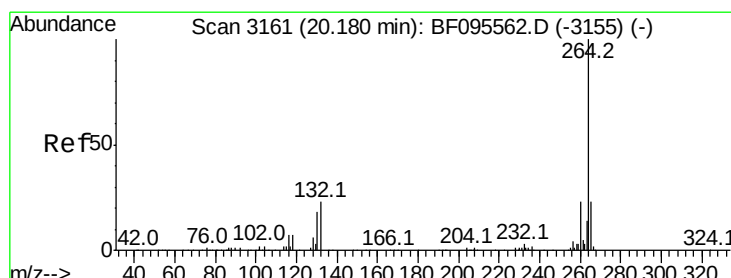
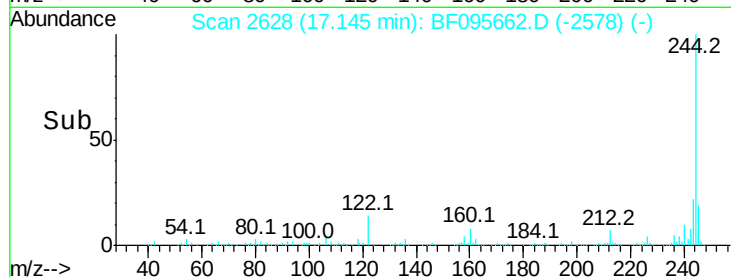
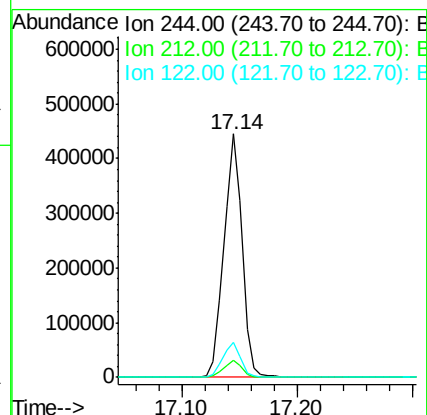
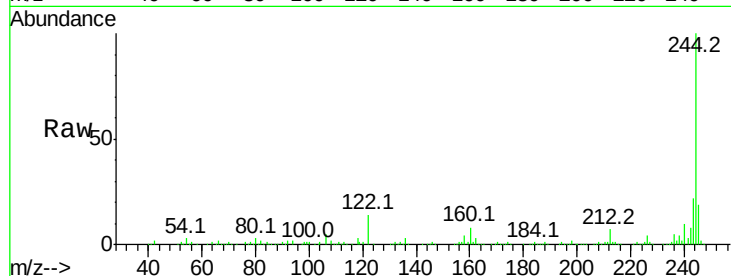




#78
 Terphenyl-d14
 Concen: 64.52 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095662.D
 Acq: 3 Jun 2017 7:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 486226
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095662.D
 Acq: 3 Jun 2017 7:33

Tgt Ion:264 Resp: 109740
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.6 17.2 25.8

