

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094967.D
 Acq On : 8 May 2017 4:06
 Operator : SJ/MA
 Sample : I2947-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Quant Time: May 08 08:41:14 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

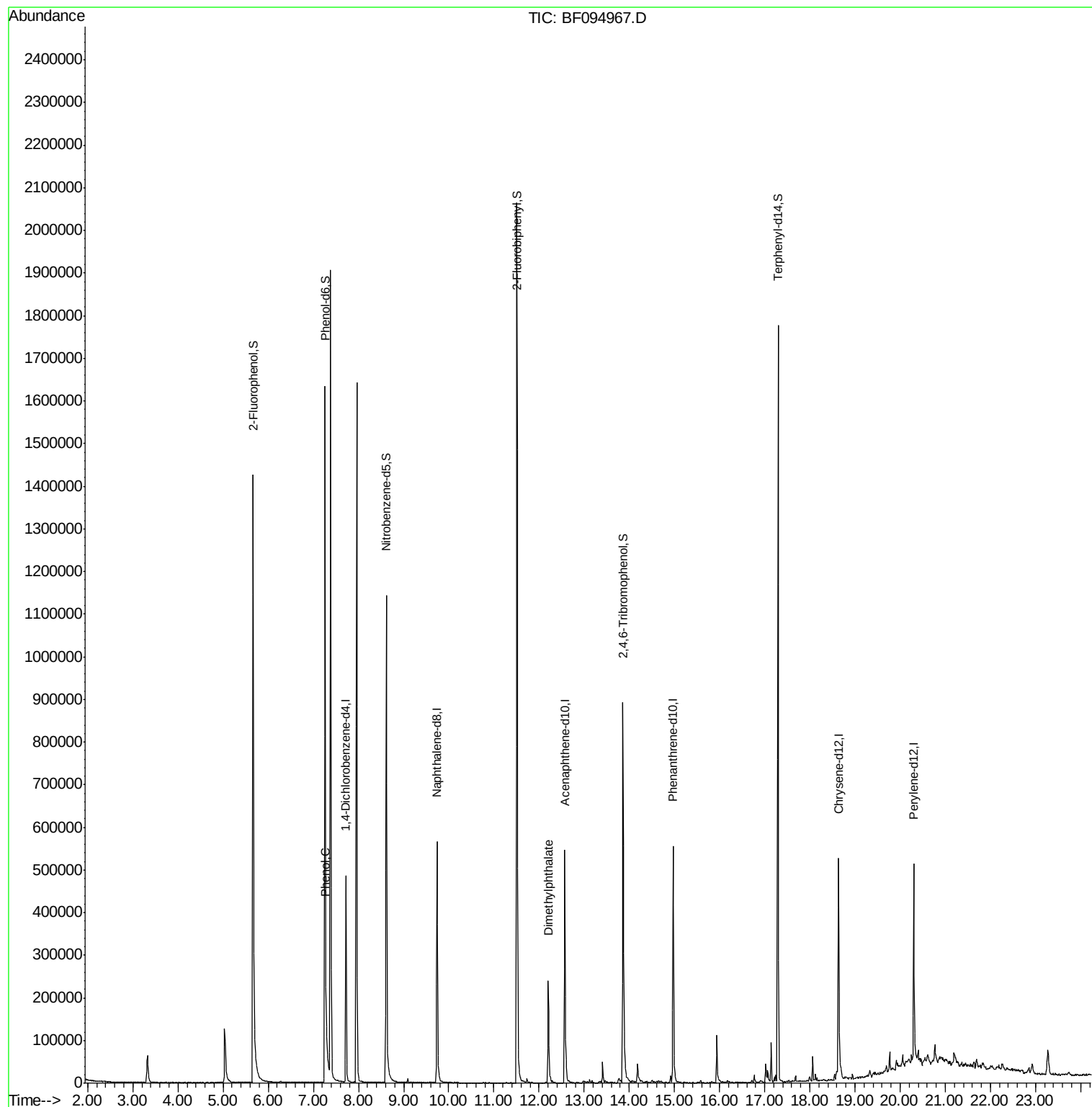
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	106062	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	421368	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	174123	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	307736	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	229924	20.00	ng	-0.02
86) Perylene-d12	20.30	264	208691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	689097	108.32	ng	-0.01
7) Phenol-d6	7.26	99	899445	117.84	ng	-0.02
23) Nitrobenzene-d5	8.62	82	535189	80.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	174480	122.36	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	922982	76.30	ng	-0.02
78) Terphenyl-d14	17.29	244	675949	64.75	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	19309	2.40	ng	Qvalue # 78
49) Dimethylphthalate	12.21	163	170674	11.94	ng	98

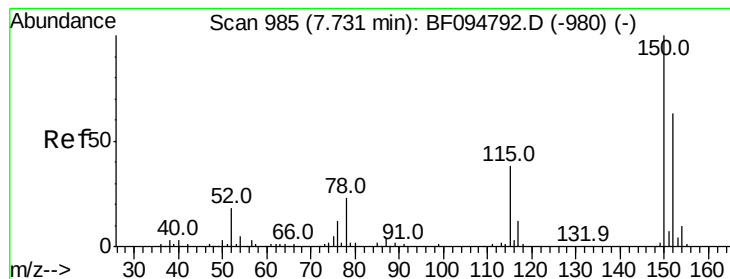
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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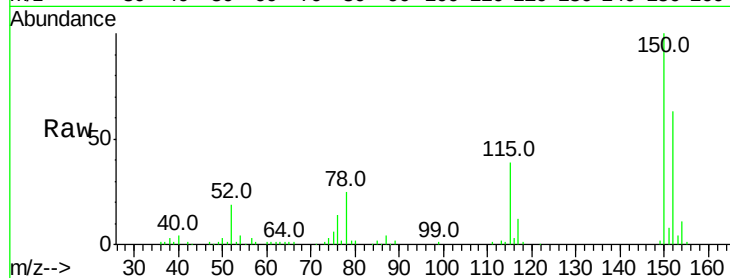


#1

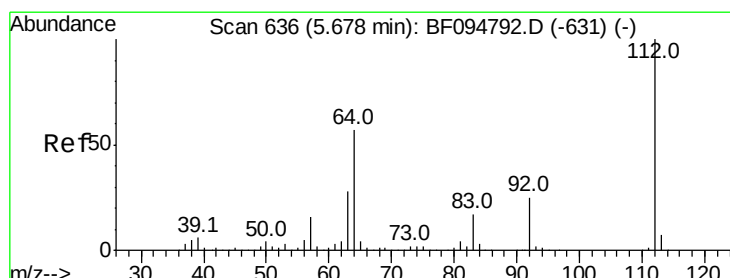
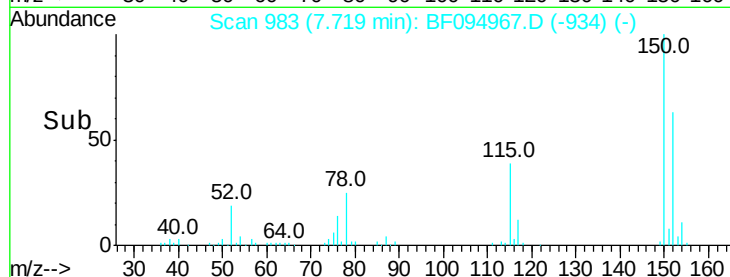
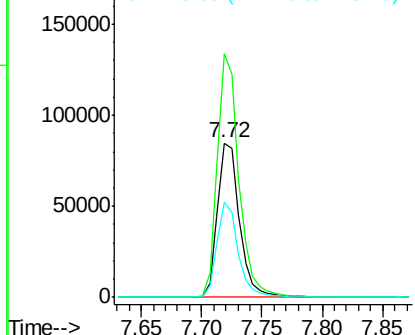
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Tot Ion:152 Resp: 106062
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 62.0 52.2 78.2



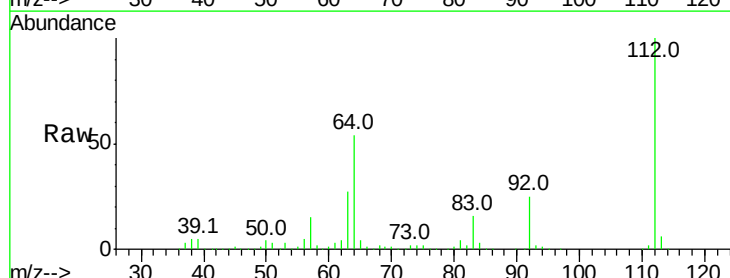
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



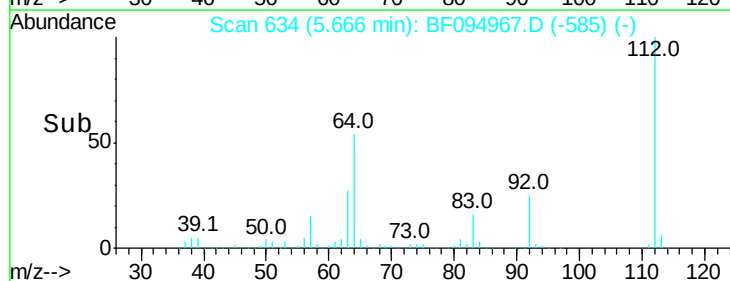
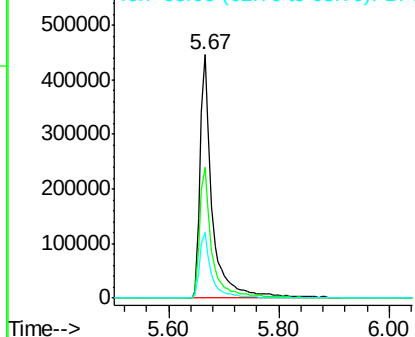
#5

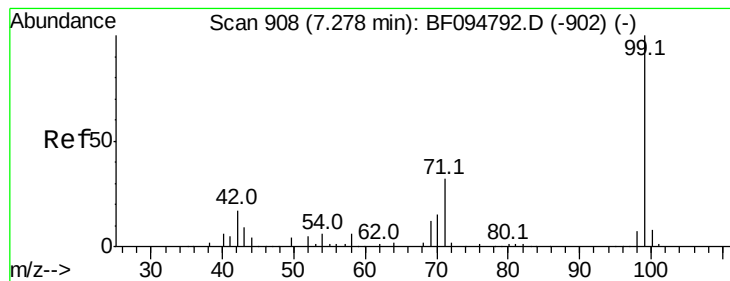
2-Fluorophenol
 Concen: 108.32 ng
 RT: 5.67 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Tgt Ion:112 Resp: 689097
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.0 69.0
 63 27.0 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: 117.84 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

SB-04-0-2.0

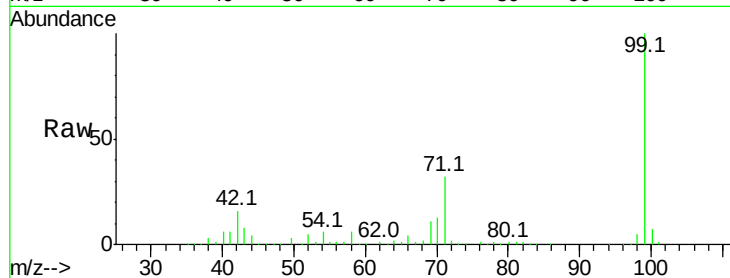
Tot Ion: 99 Resp: 899445

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

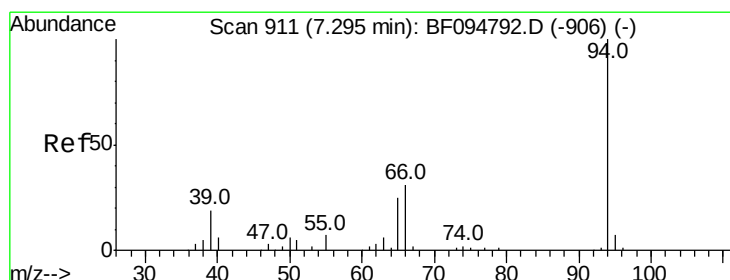
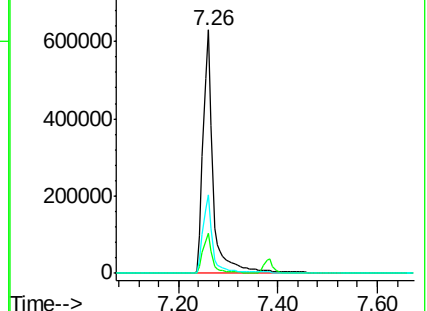
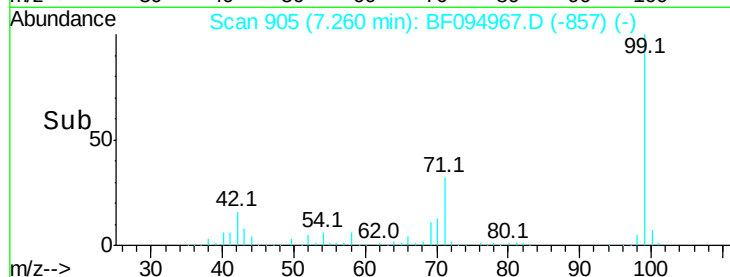
71 32.1 24.5 36.7



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: 2.40 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

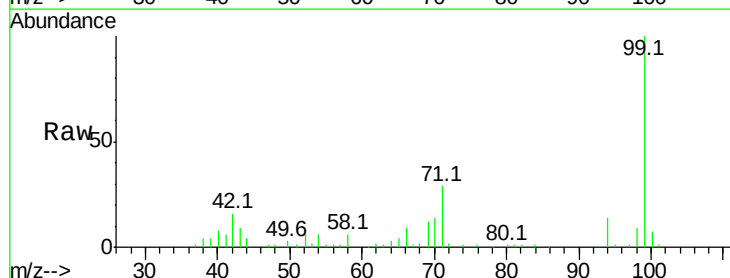
Tgt Ion: 94 Resp: 19309

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

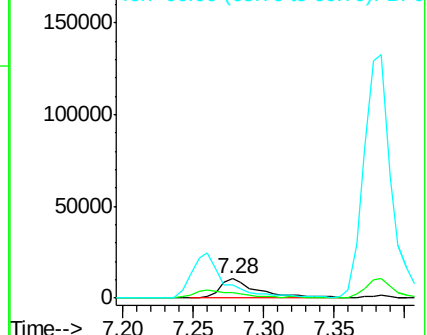
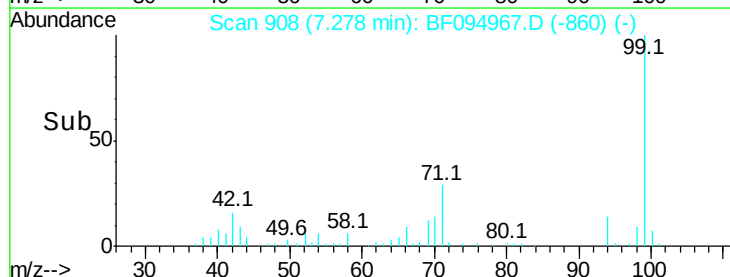
66 65.4 23.1 63.1#

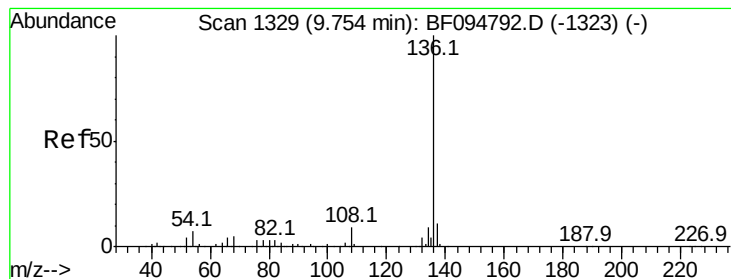


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

SB-04-0-2.0

Tot Ion:136 Resp: 421368

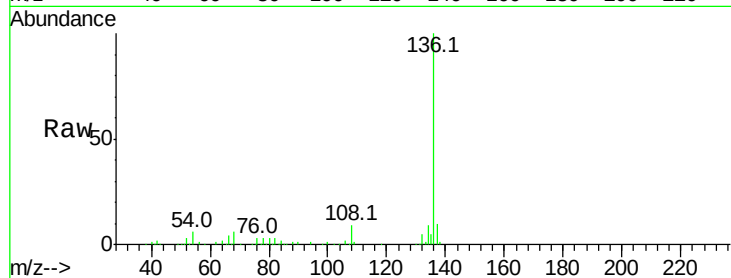
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

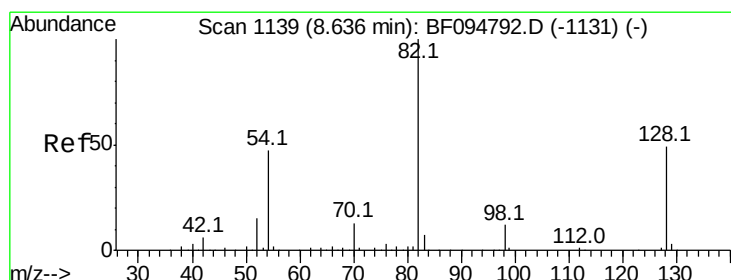
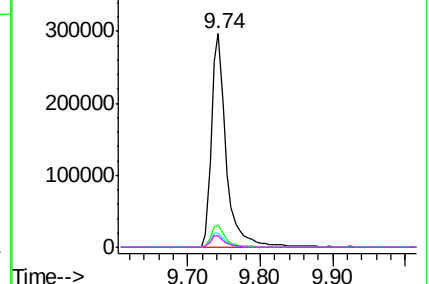
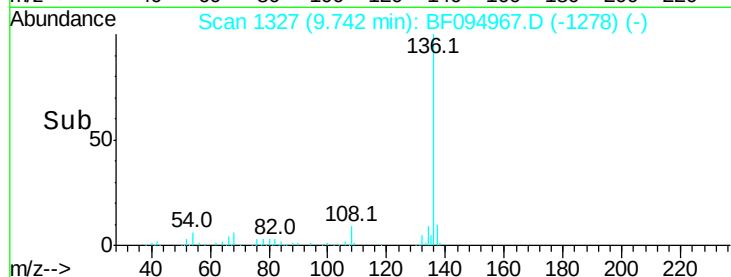


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.09 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

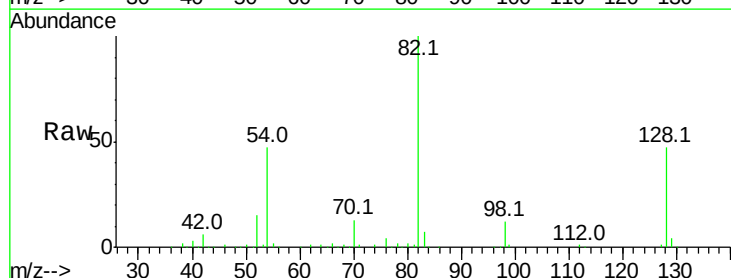
Tgt Ion: 82 Resp: 535189

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

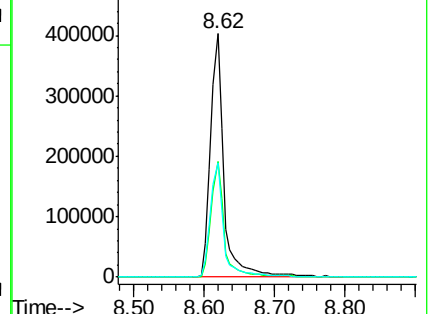
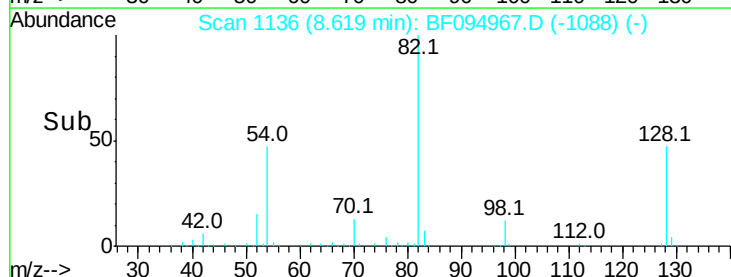
54 46.9 42.2 63.2

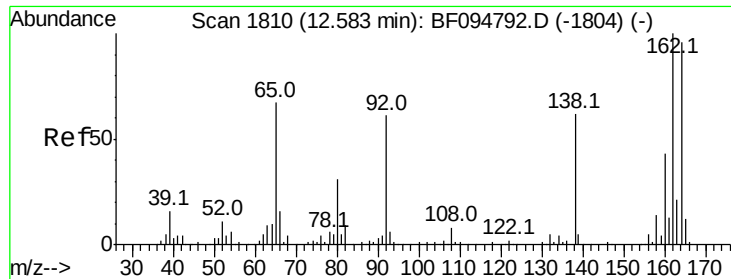


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

SB-04-0-2.0

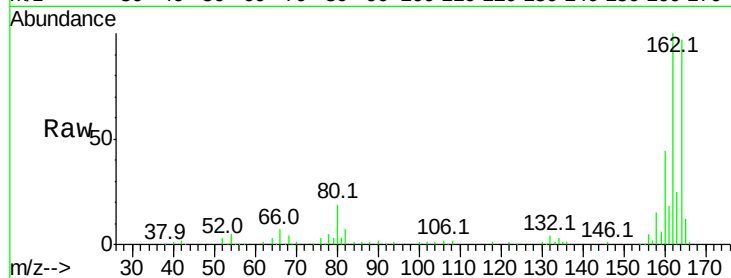
Tot Ion:164 Resp: 174123

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

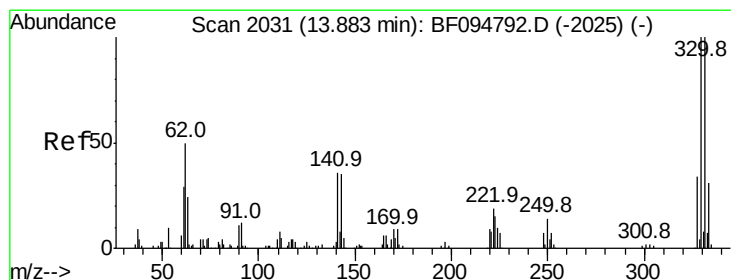
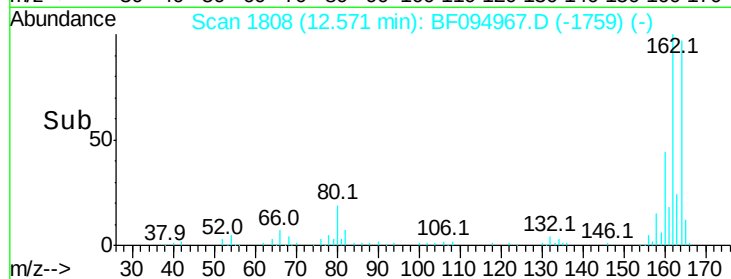
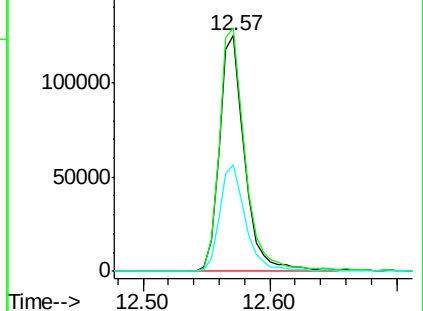
160 45.0 36.2 54.2



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: 122.36 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

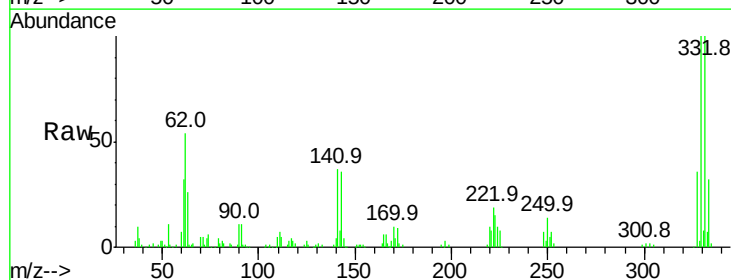
Tgt Ion:330 Resp: 174480

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

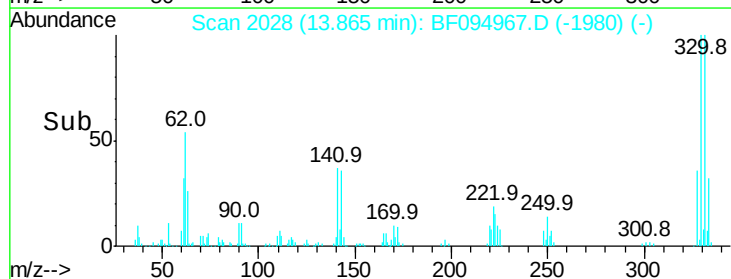
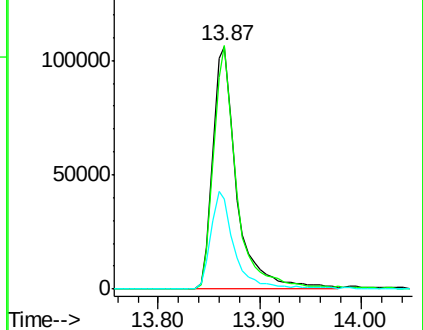
141 39.9 31.4 47.2

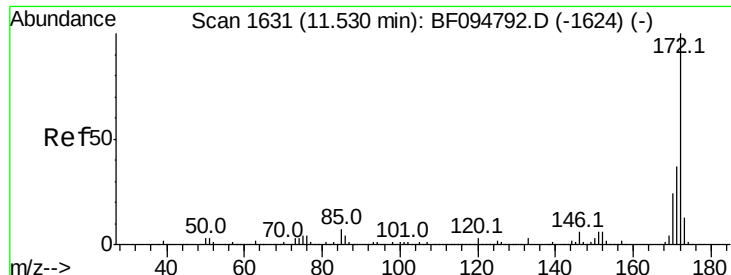


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

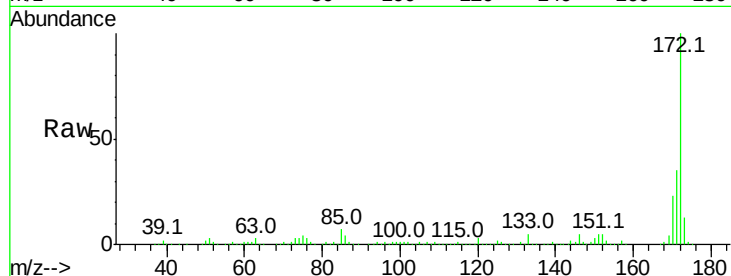




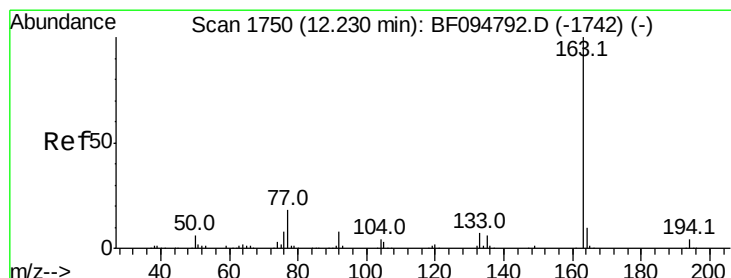
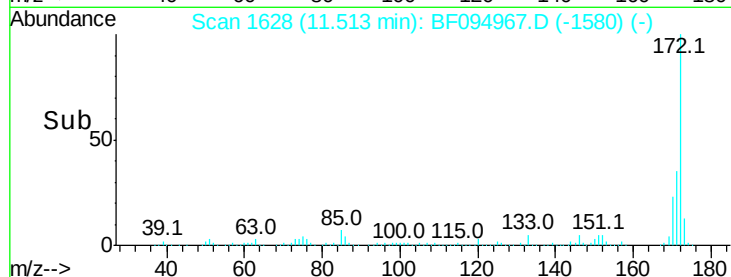
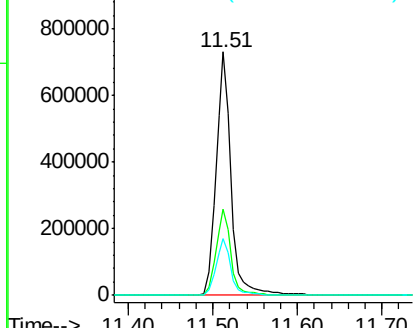
#44
2-Fluorobiphenyl
Concen: 76.30 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094967.D
Acq: 8 May 2017 4:06

Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

Tot Ion:172 Resp: 922982
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.4 19.8 29.8

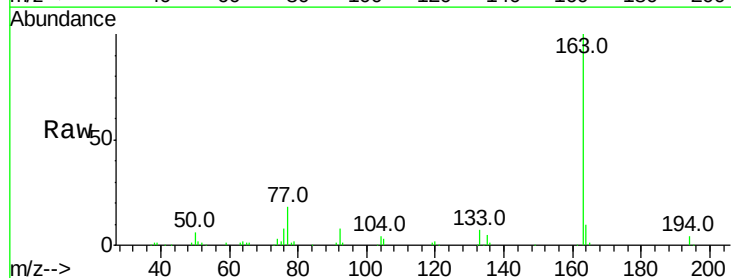


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

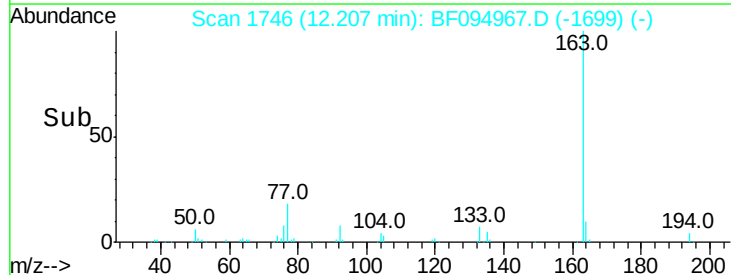
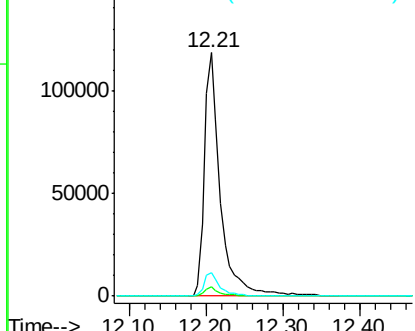


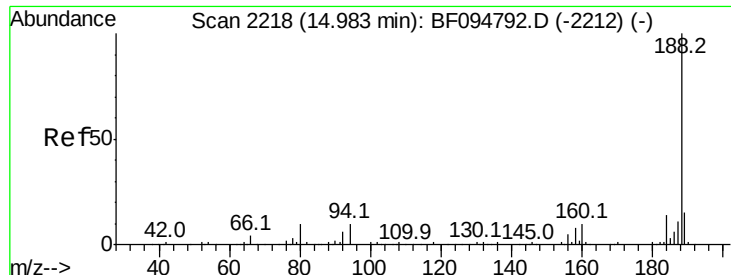
#49
Dimethylphthalate
Concen: 11.94 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094967.D
Acq: 8 May 2017 4:06

Tgt Ion:163 Resp: 170674
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

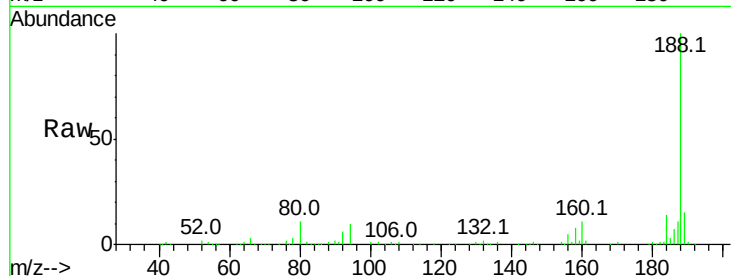




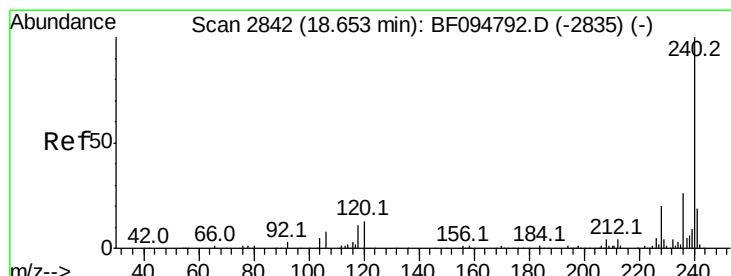
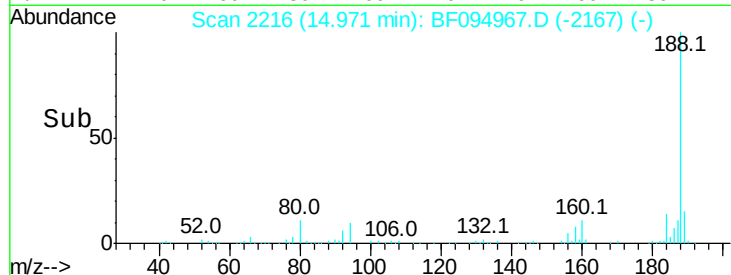
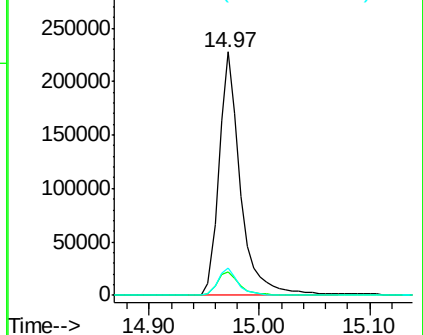
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.0	10.2	15.2

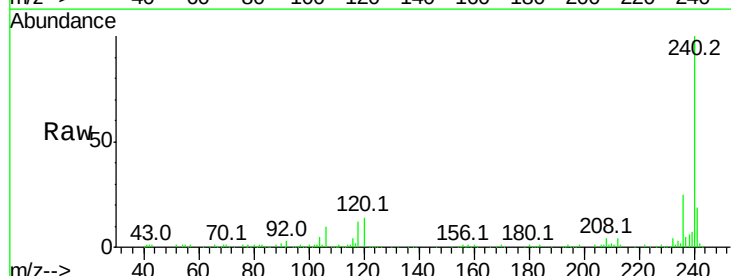


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

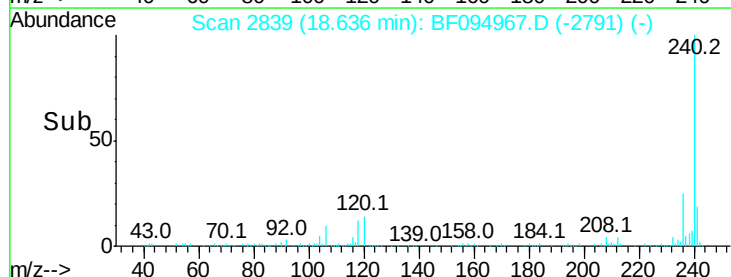
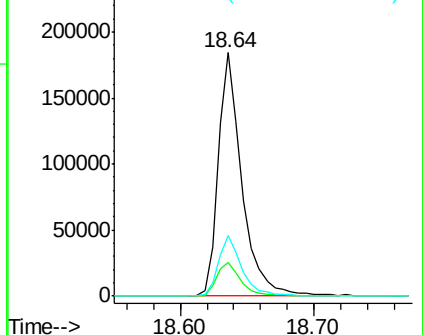


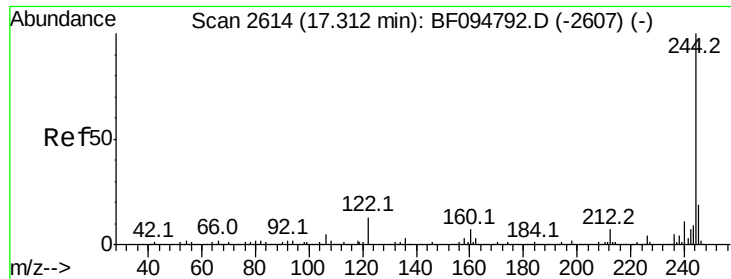
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.9	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

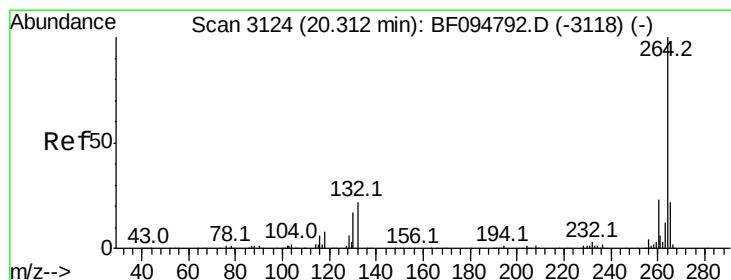
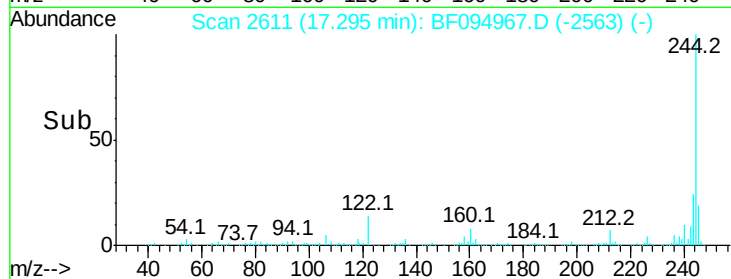
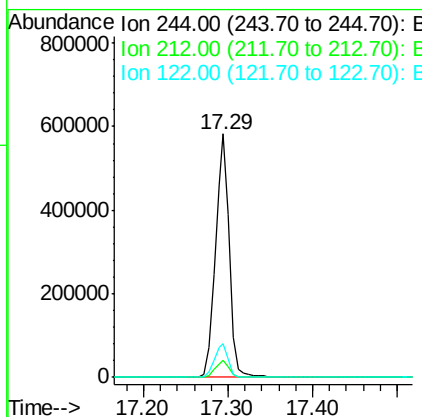
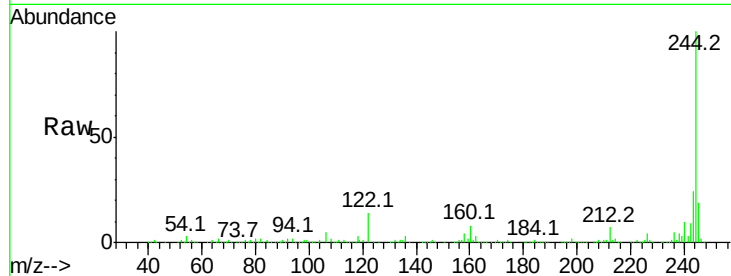




#78
 Terphenyl-d14
 Concen: 64.75 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Tot Ion:244 Resp: 675949
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 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: BF094967.D
 Acq: 8 May 2017 4:06

Tgt Ion:264 Resp: 208691
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 20.6 17.2 25.8

