

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
 Data File : BF081586.D
 Acq On : 11 Sep 2015 16:13
 Operator : UM/IZ
 Sample : G3526-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(0-0.16)

Quant Time: Sep 14 05:16:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 23:14:51 2015
 Response via : Initial Calibration

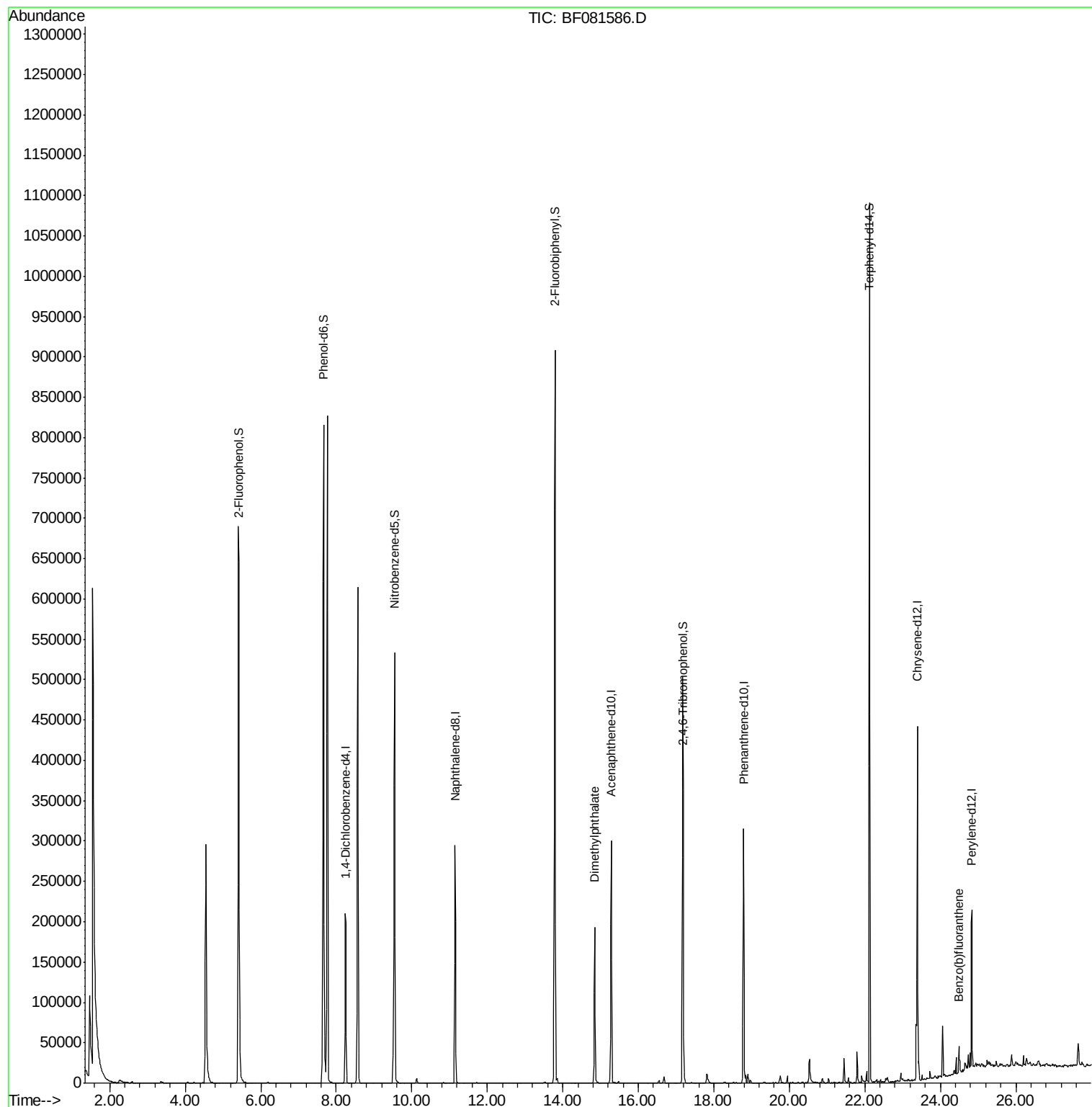
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	56321	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	230253	20.00	ng	-0.01
38) Acenaphthene-d10	15.28	164	109503	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	219328	20.00	ng	0.00
75) Chrysene-d12	23.40	240	156720	20.00	ng	-0.01
86) Perylene-d12	24.84	264	104801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	334335	92.10	ng	0.02
7) Phenol-d6	7.67	99	467569	97.31	ng	-0.01
23) Nitrobenzene-d5	9.54	82	298915	62.63	ng	-0.01
41) 2,4,6-Tribromophenol	17.19	330	89280	91.57	ng	-0.01
44) 2-Fluorobiphenyl	13.80	172	517324	60.54	ng	-0.01
78) Terphenyl-d14	22.13	244	435355	64.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.85	163	129224	15.19	ng	Qvalue # 97
87) Benzo(b)fluoranthene	24.49	252	15644m	2.09	ng	

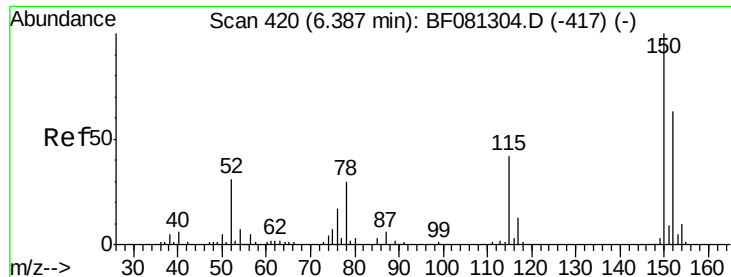
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.25 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

SB-18(0-0.16)

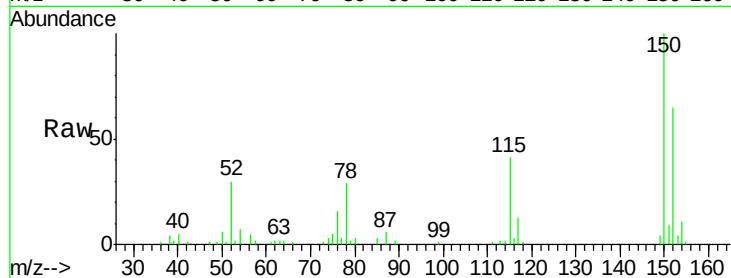
Tgt Ion:152 Resp: 56321

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

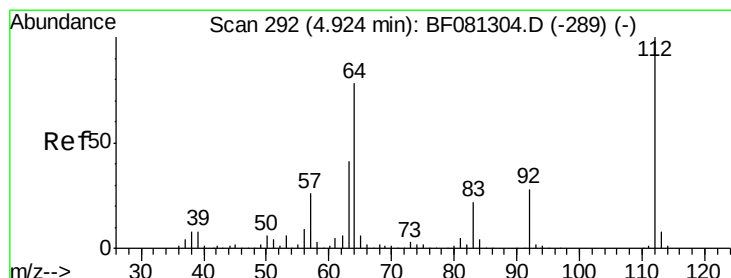
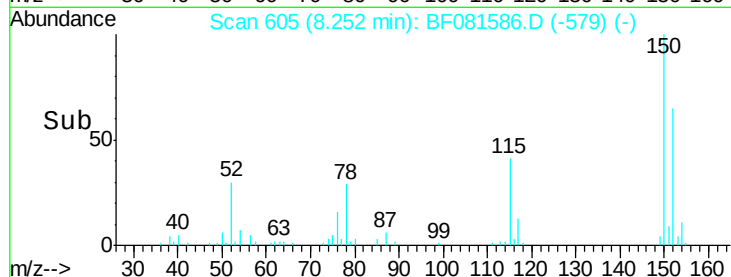
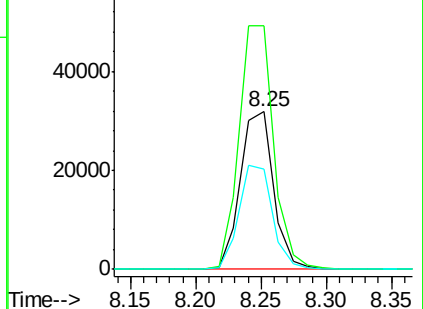
115 64.1 39.0 58.4#



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: 92.10 ng

RT: 5.42 min Scan# 357

Delta R.T. 0.02 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

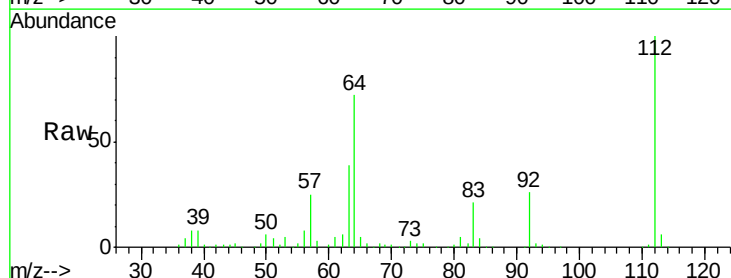
Tgt Ion:112 Resp: 334335

Ion Ratio Lower Upper

112 100

64 72.3 39.7 59.5#

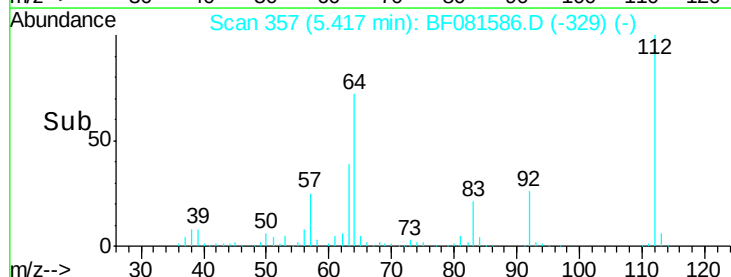
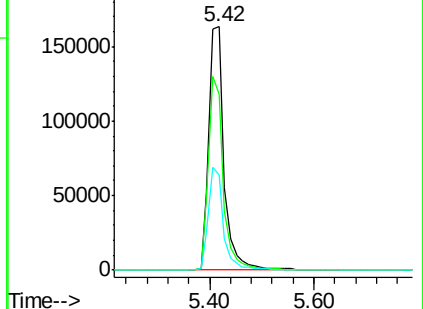
63 38.9 17.4 26.0#

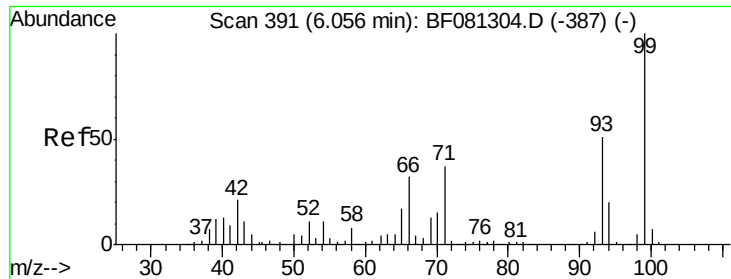


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.31 ng

RT: 7.67 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

SB-18(0-0.16)

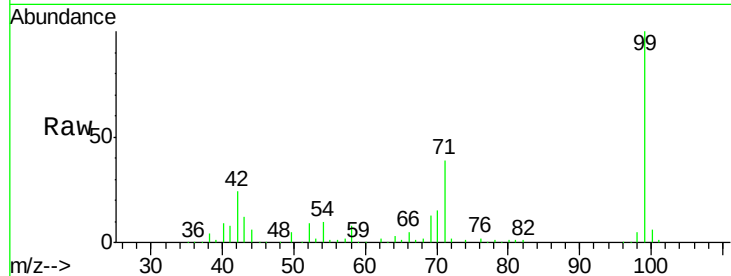
Tgt Ion: 99 Resp: 467569

Ion Ratio Lower Upper

99 100

42 23.6 13.7 20.5#

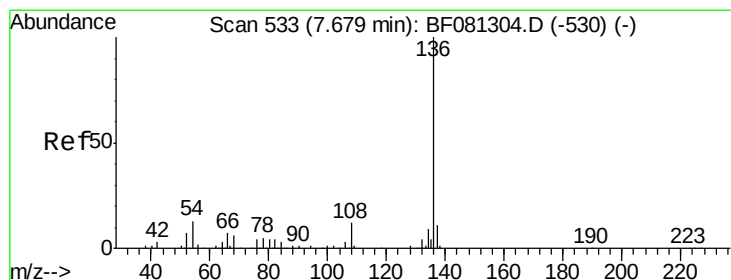
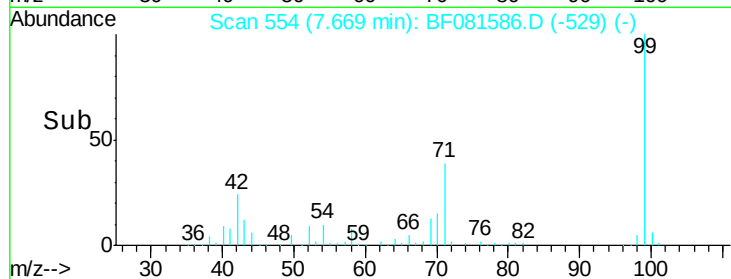
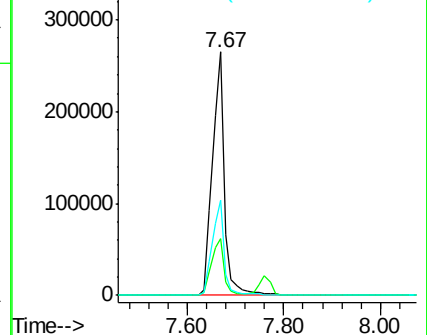
71 39.3 14.2 21.2#



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: 11.14 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

Tgt Ion: 136 Resp: 230253

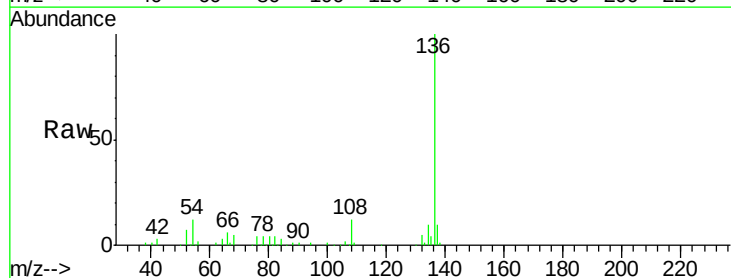
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 12.1 8.2 12.2

68 5.1 5.8 8.6#

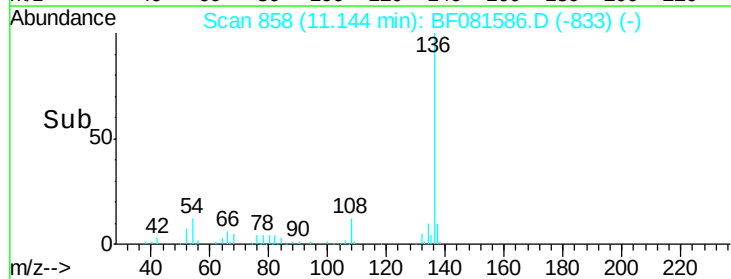
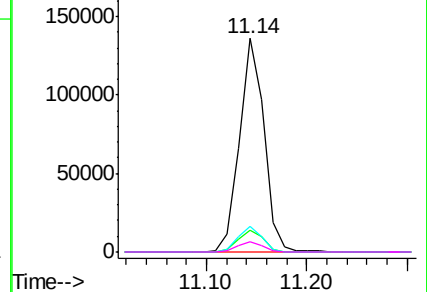


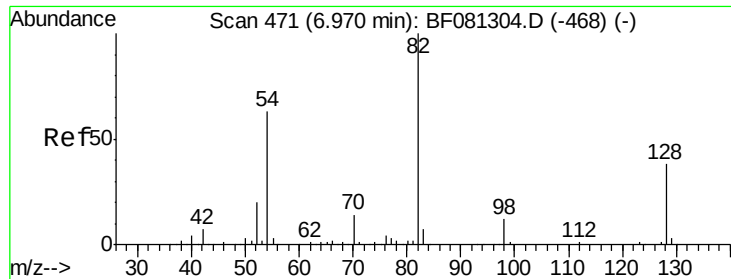
Abundance Ion 136.00 (135.70 to 136.70): E

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

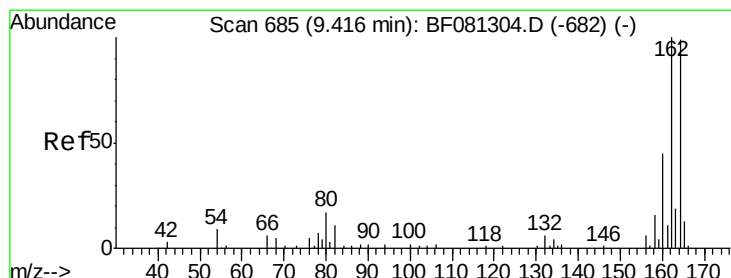
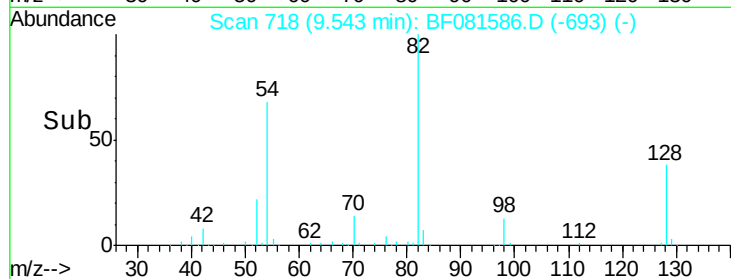
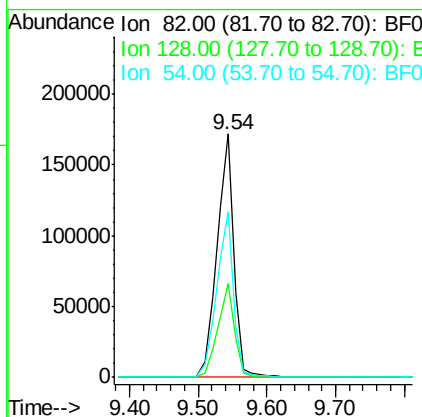
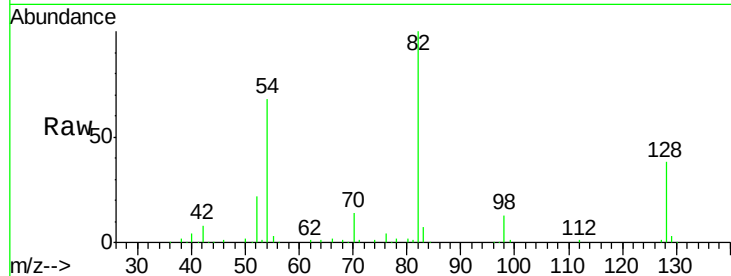




#23
 Nitrobenzene-d5
 Concen: 62.63 ng
 RT: 9.54 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF081586.D
 Acq: 11 Sep 2015 16:13

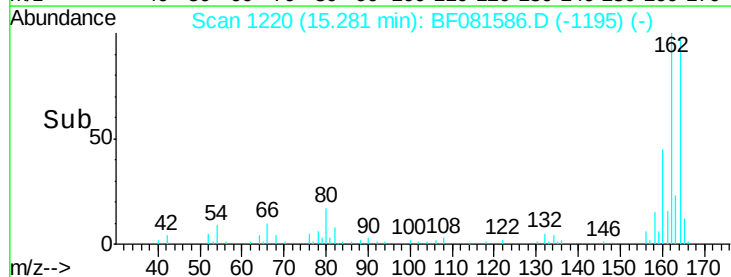
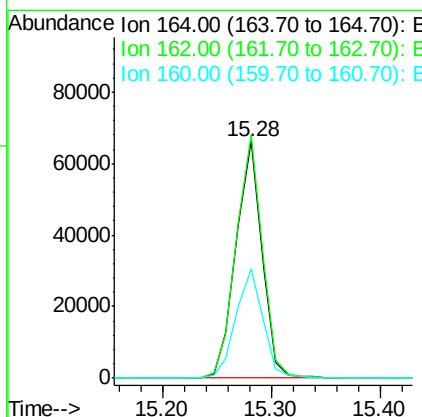
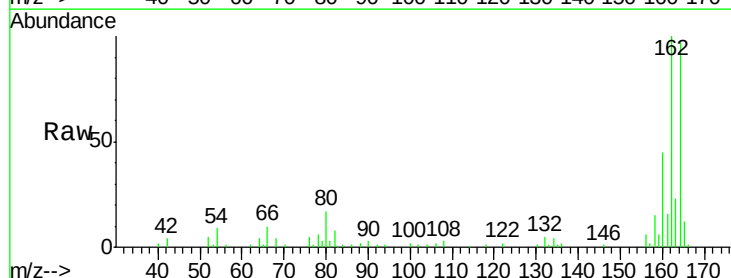
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(0-0.16)

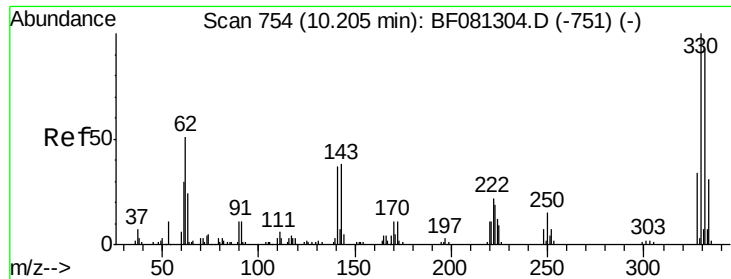
Tgt Ion: 82 Resp: 298915
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 67.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF081586.D
 Acq: 11 Sep 2015 16:13

Tgt Ion: 164 Resp: 109503
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 45.9 31.5 47.3

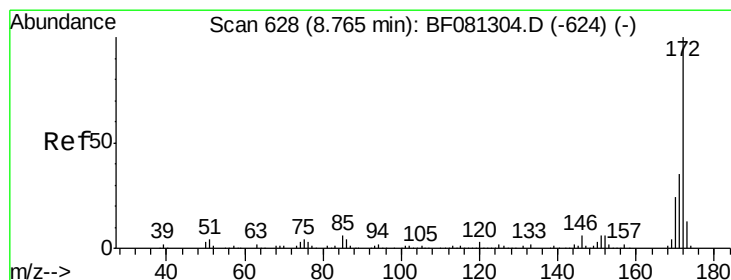
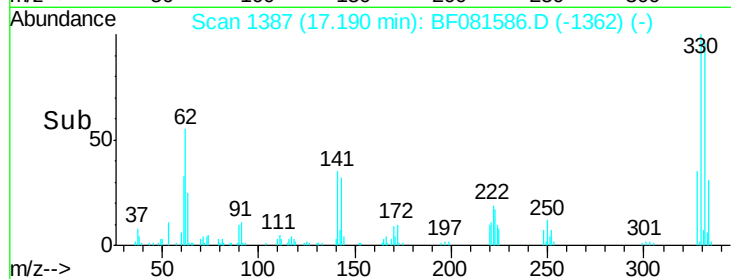
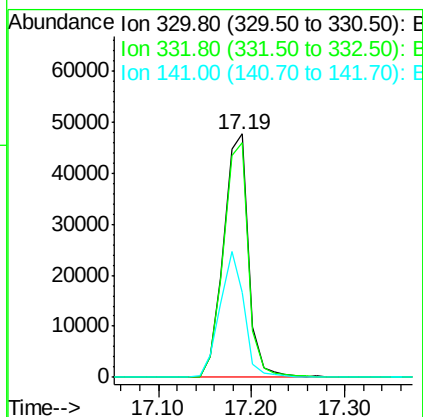
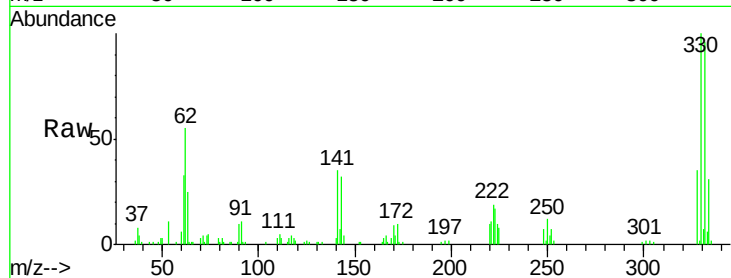




#41
 2,4,6-Tribromophenol
 Concen: 91.57 ng
 RT: 17.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF081586.D
 Acq: 11 Sep 2015 16:13

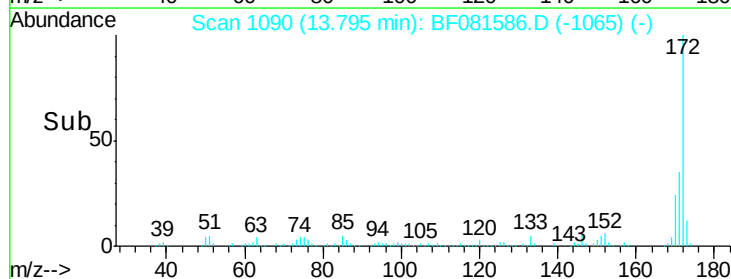
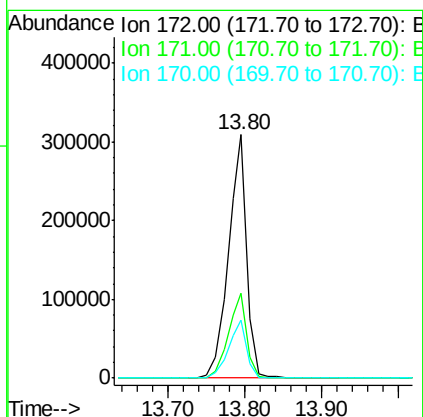
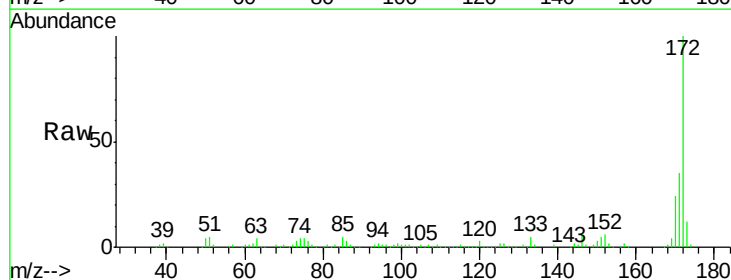
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(0-0.16)

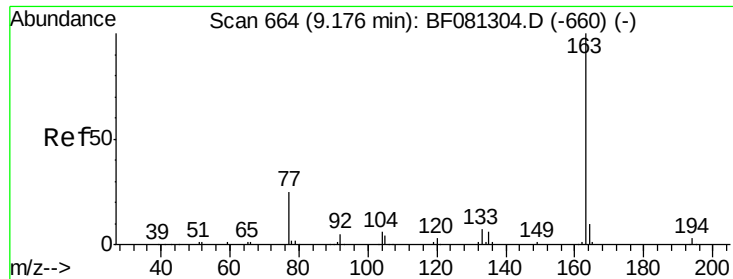
Tgt Ion: 330 Resp: 89280
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 49.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 60.54 ng
 RT: 13.80 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF081586.D
 Acq: 11 Sep 2015 16:13

Tgt Ion: 172 Resp: 517324
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.8 17.4 26.2





#49

Dimethylphthalate

Concen: 15.19 ng

RT: 14.85 min Scan# 1182

Delta R.T. -0.03 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

SB-18(0-0.16)

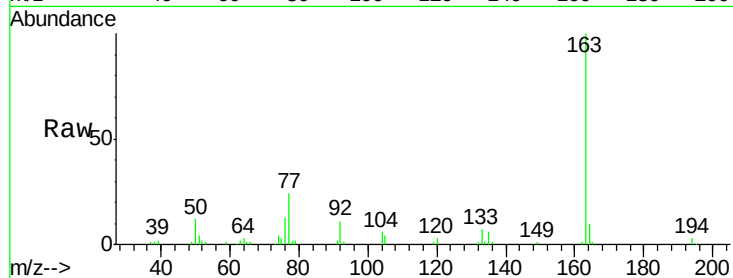
Tgt Ion:163 Resp: 129224

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

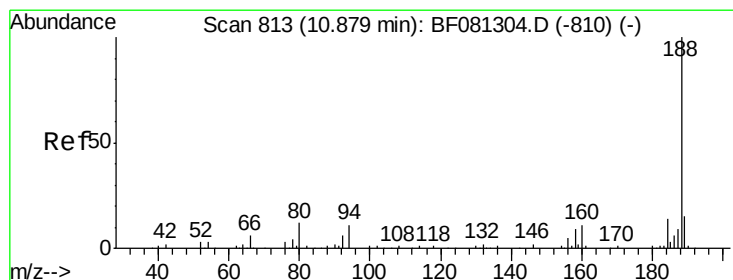
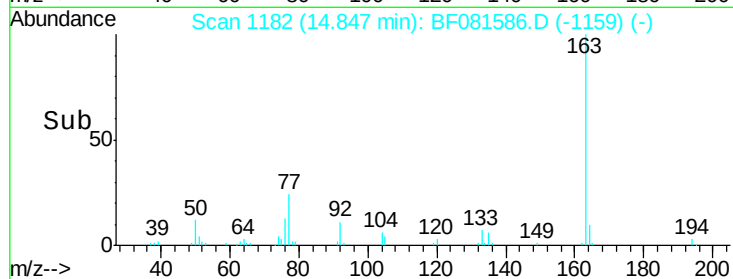
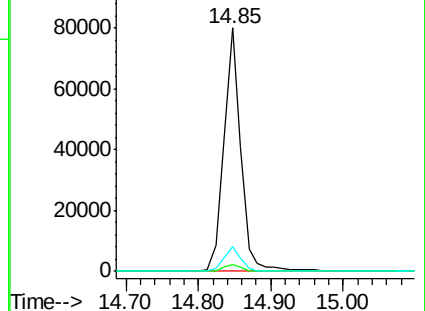
164 10.3 8.3 12.5



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: 18.79 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

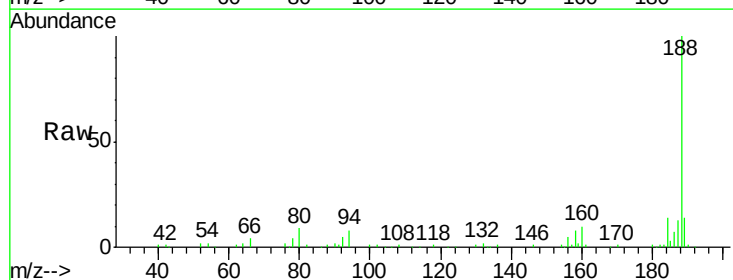
Tgt Ion:188 Resp: 219328

Ion Ratio Lower Upper

188 100

94 8.1 11.1 16.7#

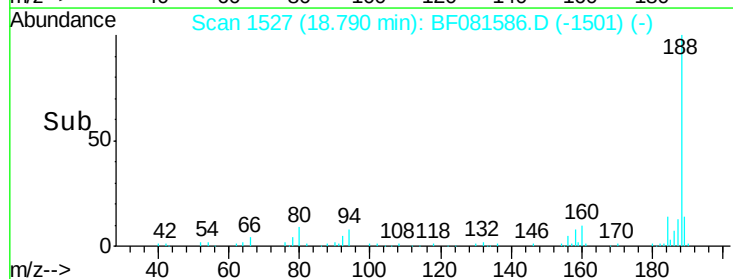
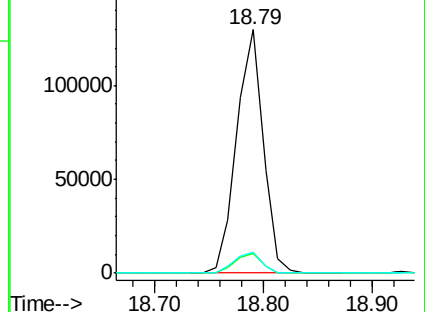
80 8.6 11.0 16.4#

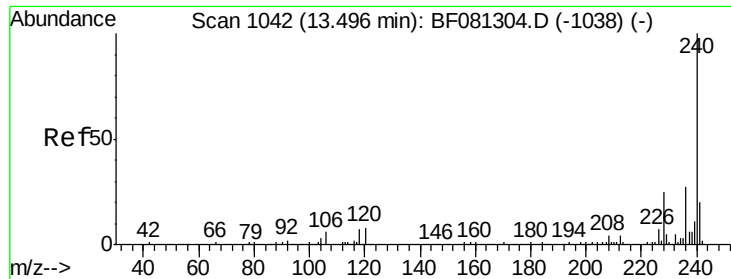


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.40 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

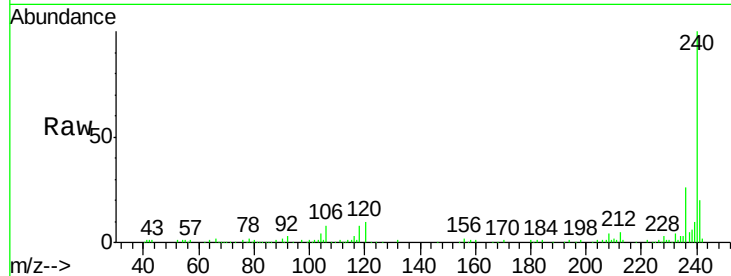
Instrument :

BNA_F

ClientSampleId :

SB-18(0-0.16)

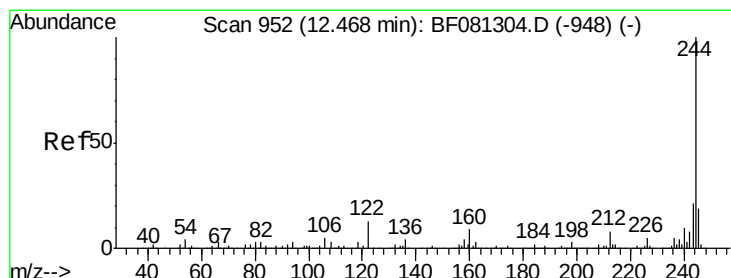
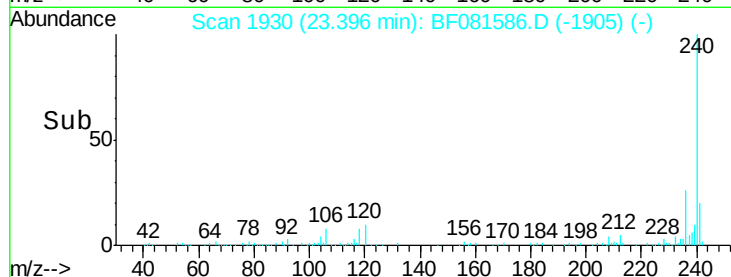
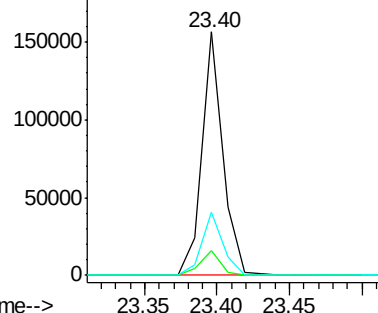
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	16.2	24.2#
236	25.7	18.4	27.6



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: 64.67 ng

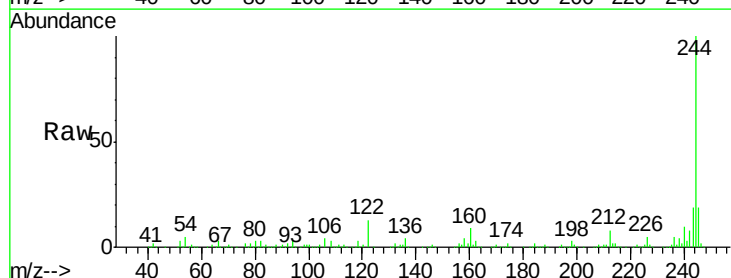
RT: 22.13 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF081586.D

Acq: 11 Sep 2015 16:13

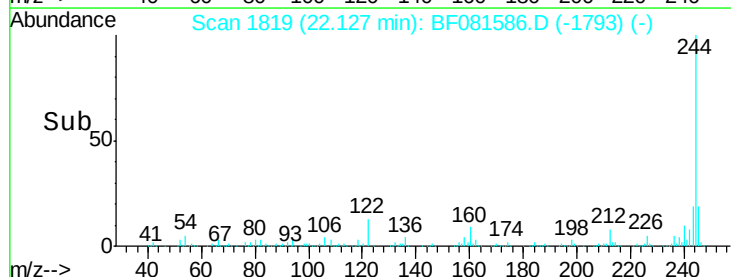
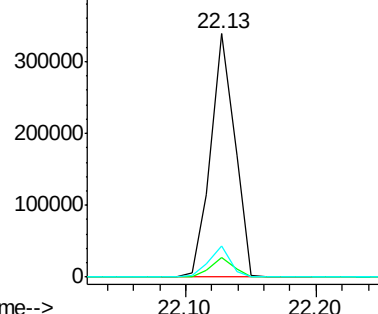
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	12.5	17.4	26.2#

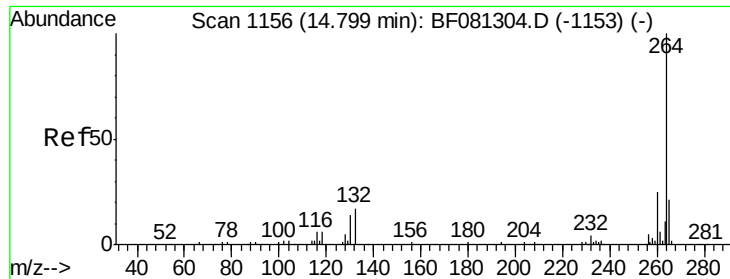


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

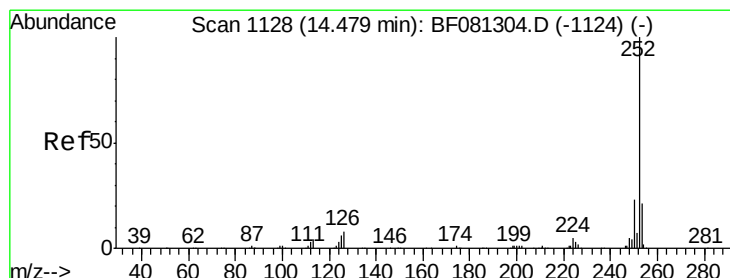
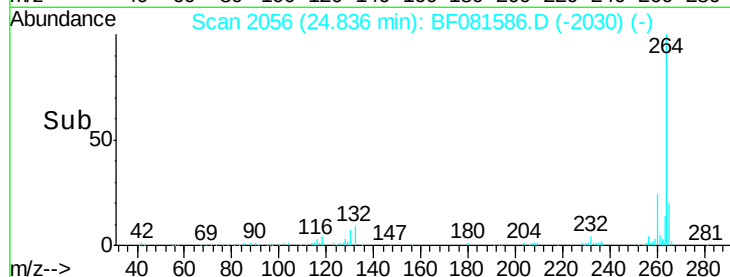
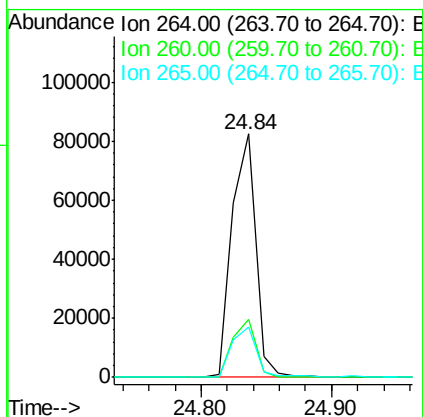
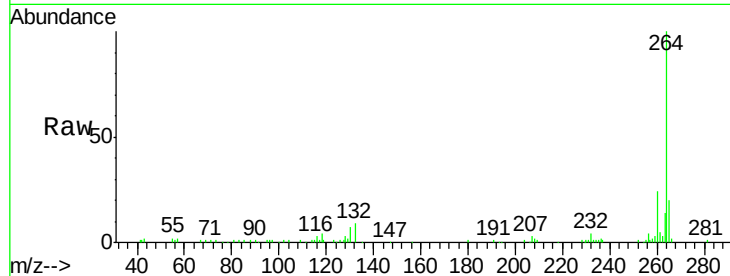




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF081586.D
Acq: 11 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
SB-18(0-0.16)

Tgt Ion: 264 Resp: 104801
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 20.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.09 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF081586.D
Acq: 11 Sep 2015 16:13

Tgt Ion: 252 Resp: 15644
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.3 17.1 25.7#

